

Full&Default Power Mode

GSM850_Ant 0		Burst Average Power (dBm)			Frame-Average Power (dBm)		
Tx Channel	Frequency (MHz)	128	189	251	128	189	251
GSM 1 Tx slot	824.2	836.4	848.6	850.8	824.2	836.4	848.6
GPRS 1 Tx slot	32.45	32.12	32.47	33.50	33.45	33.12	33.47
GPRS 2 Tx slots	29.20	29.26	29.33	30.80	23.20	23.26	23.33
GPRS 3 Tx slots	27.52	27.46	27.45	28.70	23.26	23.20	23.19
GPRS 4 Tx slots	25.86	25.68	25.67	27.50	22.86	22.68	22.87
EDGE 1 Tx slot	26.14	26.27	26.10	28.90	17.14	17.27	17.10
EDGE 2 Tx slots	23.54	23.68	23.60	25.00	17.54	17.68	17.60
EDGE 3 Tx slots	21.85	21.91	21.84	23.20	17.59	17.65	17.58
EDGE 4 Tx slots	21.51	21.67	21.54	22.00	18.51	18.67	18.54

GSM1900_Ant 2		Burst Average Power (dBm)			Frame-Average Power (dBm)		
Tx Channel	Frequency (MHz)	512	661	810	512	661	810
GSM 1 Tx slot	1850.2	1880	1909.8	1909.8	1850.2	1880	1909.8
GPRS 1 Tx slot	29.21	29.01	29.15	30.50	20.02	20.06	20.13
GPRS 2 Tx slots	25.79	26.17	26.09	27.50	19.79	20.17	20.09
GPRS 3 Tx slots	24.42	24.30	24.51	25.70	20.16	20.04	20.25
GPRS 4 Tx slots	22.96	23.11	23.32	24.80	19.96	20.11	20.32
EDGE 1 Tx slot	25.36	25.17	25.45	27.00	16.36	16.17	16.45
EDGE 2 Tx slots	22.91	22.63	22.87	24.00	16.91	16.63	16.87
EDGE 3 Tx slots	21.28	20.07	21.18	22.70	17.02	16.71	16.92
EDGE 4 Tx slots	20.67	20.58	20.73	21.00	17.67	17.58	17.73

GSM1900_Ant 4		Burst Average Power (dBm)			Frame-Average Power (dBm)		
Tx Channel	Frequency (MHz)	512	661	810	512	661	810
GSM 1 Tx slot	1850.2	1880	1909.8	1909.8	1850.2	1880	1909.8
GPRS 1 Tx slot	28.86	28.81	28.91	30.50	19.86	19.81	19.91
GPRS 2 Tx slots	25.62	25.69	25.62	27.50	19.62	19.69	19.62
GPRS 3 Tx slots	24.00	24.11	24.10	25.70	19.74	19.85	19.84
GPRS 4 Tx slots	22.86	22.71	23.12	24.50	19.86	19.71	20.12
EDGE 1 Tx slot	25.25	25.06	25.12	27.00	16.25	16.06	16.12
EDGE 2 Tx slots	22.21	22.12	22.15	24.00	16.21	16.12	16.15
EDGE 3 Tx slots	20.70	20.23	20.63	22.20	16.44	15.97	16.37
EDGE 4 Tx slots	20.25	19.91	20.22	21.00	17.25	16.91	17.22

Band		WCDMA II_Ant 2			WCDMA IV_Ant 2		
Tx Channel	Rx Channel	9262	9400	9538	1312	1413	1513
Frequency (MHz)		9662	9800	9938	1537	1638	1738
3GPP Rel 99	AMR 12.2Kbps	152.4	154.0	155.6	172.4	174.0	175.6
3GPP Rel 99	RMC 12.2Kbps	24.31	24.35	24.38	24.12	24.25	24.18
3GPP Rel 6	HSDPA Subtest-1	23.57	23.35	23.26	24.00	23.17	23.12
3GPP Rel 6	HSDPA Subtest-2	23.47	23.34	23.19	24.00	23.08	23.18
3GPP Rel 6	HSDPA Subtest-3	23.01	22.84	22.79	23.50	22.52	22.61
3GPP Rel 6	HSDPA Subtest-4	22.68	22.85	22.87	23.50	22.68	22.35
3GPP Rel 6	DC-HSDPA Subtest-1	23.49	23.32	23.11	24.00	23.05	23.07
3GPP Rel 6	DC-HSDPA Subtest-2	23.35	23.24	23.14	24.00	22.98	23.03
3GPP Rel 6	DC-HSDPA Subtest-3	22.96	22.82	22.65	23.50	22.48	22.58
3GPP Rel 6	DC-HSDPA Subtest-4	22.91	22.76	22.59	23.50	22.58	22.19
3GPP Rel 6	HSUPA Subtest-1	23.44	23.38	23.26	24.00	23.06	23.04
3GPP Rel 6	HSUPA Subtest-2	21.56	21.40	21.33	22.00	21.07	21.16
3GPP Rel 6	HSUPA Subtest-3	22.45	22.43	22.33	23.00	22.07	22.01
3GPP Rel 6	HSUPA Subtest-4	21.45	21.44	21.26	22.00	21.14	21.13
3GPP Rel 6	HSUPA Subtest-5	23.46	23.44	23.28	24.00	23.06	23.14
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	22.31	22.39	22.36	24.00	22.21	22.26

Band		WCDMA II_Ant 4			WCDMA IV_Ant 4		
Tx Channel	Rx Channel	9262	9400	9538	1312	1413	1513
Frequency (MHz)		9662	9800	9938	1537	1638	1738
3GPP Rel 99	AMR 12.2Kbps	1850.4	1880	1907.6	1712.4	1732.6	1752.6
3GPP Rel 99	RMC 12.2Kbps	23.83	23.85	23.80	25.00	24.09	24.13
3GPP Rel 6	HSDPA Subtest-1	22.91	22.90	22.87	24.00	23.10	22.99
3GPP Rel 6	HSDPA Subtest-2	22.94	22.73	22.82	24.00	22.97	23.11
3GPP Rel 6	HSDPA Subtest-3	22.39	22.40	22.35	23.50	22.42	22.46
3GPP Rel 6	HSDPA Subtest-4	22.50	22.30	22.35	23.50	22.62	22.25
3GPP Rel 6	DC-HSDPA Subtest-1	22.92	22.90	22.75	24.00	22.91	23.02
3GPP Rel 6	DC-HSDPA Subtest-2	22.79	22.56	22.67	24.00	22.83	22.97
3GPP Rel 6	DC-HSDPA Subtest-3	22.19	22.24	22.36	23.50	22.38	22.46
3GPP Rel 6	DC-HSDPA Subtest-4	22.39	22.28	22.21	23.50	22.46	22.13
3GPP Rel 6	HSUPA Subtest-1	22.70	22.84	22.91	24.00	22.97	22.98
3GPP Rel 6	HSUPA Subtest-2	20.89	20.92	20.90	22.00	21.02	21.04
3GPP Rel 6	HSUPA Subtest-3	21.91	21.81	21.91	23.00	22.01	21.96
3GPP Rel 6	HSUPA Subtest-4	20.81	20.91	20.86	22.00	21.03	21.07
3GPP Rel 6	HSUPA Subtest-5	22.86	22.95	22.88	24.00	23.01	22.93
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	22.18	22.25	22.12	24.00	22.20	22.31

Band		WCDMA V_Ant 0			WCDMA V_Ant 4		
Tx Channel	Rx Channel	4192	4162	4293	4192	4162	4293
Frequency (MHz)		4367	4407	4458	4367	4407	4458
3GPP Rel 99	AMR 12.2Kbps	826.4	836.4	846.6	826.4	836.4	846.6
3GPP Rel 99	RMC 12.2Kbps	23.96	24.00	23.95	25.00	24.01	24.06
3GPP Rel 6	HSDPA Subtest-1	24.01	24.05	23.98	25.00	23.10	22.99
3GPP Rel 6	HSDPA Subtest-2	23.05	23.03	22.92	24.00	22.97	23.11
3GPP Rel 6	HSDPA Subtest-3	23.06	23.05	23.00	24.00	22.91	23.02
3GPP Rel 6	HSDPA Subtest-4	22.38	22.49	22.53	23.50	22.38	22.46
3GPP Rel 6	HSDPA Subtest-5	22.51	22.28	22.50	23.50	22.51	22.58
3GPP Rel 6	DC-HSDPA Subtest-1	22.91	22.87	22.83	24.00	22.96	23.03
3GPP Rel 6	DC-HSDPA Subtest-2	22.16	22.03	22.88	24.00	22.16	22.23
3GPP Rel 6	DC-HSDPA Subtest-3	22.38	22.38	22.37	23.50	22.38	22.46
3GPP Rel 6	DC-HSDPA Subtest-4	22.37	22.05	22.36	23.50	22.37	22.46
3GPP Rel 6	HSUPA Subtest-1	23.07	23.07	23.02	24.00	23.07	23.10
3GPP Rel 6	HSUPA Subtest-2	21.11	21.08	21.00	22.00	21.11	21.02
3GPP Rel 6	HSUPA Subtest-3	22.02	21.97	21.99	23.00	22.02	22.05
3GPP Rel 6	HSUPA Subtest-4	21.12	21.01	21.08	22.00	21.12	21.02
3GPP Rel 6	HSUPA Subtest-5	23.10	23.05	22.95	24.00	23.10	23.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	22.15	22.25	22.09	24.00	22.15	22.26

GSM850_Ant 1		Burst Average Power (dBm)			Frame-Average Power (dBm)		
Tx Channel	Frequency (MHz)	128	189	251	128	189	251
GSM 1 Tx slot	824.2	836.4	848.6	850.8	824.2	836.4	848.6
GPRS 1 Tx slot	32.36	31.97	32.36	33.50	33.36	33.07	33.36
GPRS 2 Tx slots	29.11	29.14	29.19	30.50	23.11	23.14	23.19
GPRS 3 Tx slots	27.42	27.32	27.39	28.70	23.16	23.06	23.13
GPRS 4 Tx slots	25.74	25.63	25.80	27.50	22.74	22.63	22.80
EDGE 1 Tx slot	26.22	26.20	26.30	28.00	17.22	17.20	17.30
EDGE 2 Tx slots	23.48	23.53	23.51	25.00	17.48	17.53	17.51
EDGE 3 Tx slots	21.73	21.80	21.76	23.20	17.47	17.54	17.50
EDGE 4 Tx slots	21.41	21.56	21.39	22.00	18.41	18.56	18.39

GSM1900_Ant 3		Burst Average Power (dBm)			Frame-Average Power (dBm)		
Tx Channel	Frequency (MHz)	512	661	810	512	661	810
GSM 1 Tx slot	1850.2	1880	1909.8	1909.8	1850.2	1880	1909.8
GPRS 1 Tx slot	29.06	29.13	29.15	30.50	20.06	20.13	20.15
GPRS 2 Tx slots	26.04	26.11	26.10	27.50	20.04	20.11	20.10
GPRS 3 Tx slots	25.85	26.09	26.05	27.50	19.85	20.09	20.06
GPRS 4 Tx slots	24.35	24.05	24.48	25.70	20.09	19.79	20.22
GPRS 5 Tx slots	22.96	23.07	23.35	24.80	19.98	20.07	20.35
EDGE 1 Tx slot	25.15	25.02	25.21	27.00	16.15	16.02	16.21
EDGE 2 Tx slots	22.37	22.14	22.57	24.00	16.37	16.14	16.57
EDGE 3 Tx slots	20.72	20.37	20.85	22.20	16.46	16.11	16.59
EDGE 4 Tx slots	20.33	20.03	20.44	21.00	17.33	17.03	17.44

Band		WCDMA II_Ant 3			WCDMA IV_Ant 3		
Tx Channel	Rx Channel	9262	9400	9538	1312	1413	1513
Frequency (MHz)		9662	9800	9938	1537	1638	1738
3GPP Rel 99	AMR 12.2Kbps	152.4	154.0	155.6	172.4	174.0	175.6
3GPP Rel 99	RMC 12.2Kbps	23.94	24.03	23.89	25.00	24.00	24.01
3GPP Rel 6	HSDPA Subtest-1	23.06	23.03	22.92	24.00	23.04	23.01
3GPP Rel 6	HSDPA Subtest-2	22.99	22.87	22.84	24.00	23.06	22.86
3GPP Rel 6	HSDPA Subtest-3	22.51	22.50	22.43	23.50	22.57	22.49
3GPP Rel 6	HSDPA Subtest-4	22.58	22.44	22.43	23.50	22.61	22.49
3GPP Rel 6	DC-HSDPA Subtest-1	22.97	22.95	22.88	24.00	23.01	22.89
3GPP Rel 6	DC-HSDPA Subtest-2	22.88	22.70	22.81	24.00	22.84	22.71
3GPP Rel 6	DC-HSDPA Subtest-3	22.34	22.29	22.44	23.50	22.34	22.30
3GPP Rel 6	DC-HSDPA Subtest-4	22.44	22.36	22.34	23.50	22.45	22.30
3GPP Rel 6	HSUPA Subtest-1	22.94	22.96	23.03	24.00	22.87	23.01
3GPP Rel 6	HSUPA Subtest-2	20.95	21.04	20.97	22.00	20.93	20.94
3GPP Rel 6	HSUPA Subtest-3	22.01	21.91	21.99	23.00	21.98	21.97
3GPP Rel 6	HSUPA Subtest-4	20.93	20.98	20.96	22.00	20.89	21.00
3GPP Rel 6	HSUPA Subtest-5	23.02	23.09	22.98	24.00	22.95	23.07
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	22.08	22.15	22.11	24.00	22.12	22.21

Band		WCDMA V_Ant 1			Tune-up Limit (dBm)
Tx Channel	Rx Channel	4132	4182	4232	
		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.01	24.08	23.96	25.00
3GPP Rel 99	RMC 12.2Kbps	24.05	24.11	24.02	25.00
3GPP Rel 6	HS-PA Subtest-1	23.18	23.09	23.03	24.00
3GPP Rel 6	HS-PA Subtest-2	23.12	22.99	23.00	24.00
3GPP Rel 6	HS-PA Subtest-3	22.64	22.55	22.55	23.50
3GPP Rel 6	HS-PA Subtest-4	22.68	22.58	22.51	23.50
3GPP Rel 8	DC-HS-PA Subtest-1	23.10	23.03	22.95	24.00
3GPP Rel 8	DC-HS-PA Subtest-2	22.87	22.85	22.84	24.00
3GPP Rel 8	DC-HS-PA Subtest-3	22.49	22.41	22.49	23.50
3GPP Rel 8	DC-HS-PA Subtest-4	22.59	22.43	22.42	23.50
3GPP Rel 6	HS-PA Subtest-1	22.98	23.10	23.08	24.00
3GPP Rel 6	HS-PA Subtest-2	21.08	21.11	21.02	22.00
3GPP Rel 6	HS-PA Subtest-3	22.08	22.05	22.04	23.00
3GPP Rel 6	HS-PA Subtest-4	21.90	21.05	21.02	22.00
3GPP Rel 6	HS-PA Subtest-5	23.10	23.20	23.10	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	22.10	22.17	22.06	24.00

Band 2_Ant 2														
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)														
18700 18800 19100														
20	QPSK	1	0	23.50	23.55	23.35	24.5	0						
20	QPSK	1	49	23.44	23.47	23.26								
20	QPSK	1	99	23.33	23.45	23.26								
20	QPSK	50	0	22.62	22.59	22.63								
20	QPSK	50	24	22.59	22.44	22.45	23.5	1						
20	QPSK	50	50	22.53	22.46	22.44								
20	QPSK	100	0	22.60	22.61	22.46								
20	16QAM	1	0	23.06	22.54	22.84								
20	16QAM	1	49	22.86	22.71	22.52	23.5	1						
20	16QAM	1	99	22.76	22.59	22.47								
20	16QAM	50	0	21.85	21.37	21.51								
20	16QAM	50	24	21.53	21.40	21.51								
20	16QAM	50	50	21.49	21.54	21.48	22.5	2						
20	16QAM	100	0	21.54	21.53	21.52								
20	64QAM	1	0	21.59	21.03	21.56								
20	64QAM	1	49	21.68	21.37	21.70								
20	64QAM	1	99	21.62	21.50	21.55	22.5	2						
20	64QAM	50	0	20.70	20.44	20.52								
20	64QAM	50	24	20.53	20.51	20.44								
20	64QAM	50	50	20.48	20.58	20.36								
20	64QAM	100	0	20.61	20.42	20.45	21.5	3						
Channel														
Frequency (MHz)														
1857.5 1880 1902.5														
15	QPSK	1	0	23.39	23.25	23.41	24.5	0						
15	QPSK	1	37	23.39	23.11	23.38								
15	QPSK	1	74	23.19	23.16	23.32								
15	QPSK	36	0	22.50	22.37	22.49								
15	QPSK	36	20	22.46	22.32	22.31	23.5	1						
15	QPSK	36	39	22.39	22.32	22.41								
15	QPSK	75	0	22.51	22.37	22.49								
15	16QAM	1	0	22.91	22.73	22.46								
15	16QAM	1	37	22.80	22.43	22.64	23.5	1						
15	16QAM	1	74	22.64	22.36	22.53								
15	16QAM	36	0	21.59	21.39	21.29								
15	16QAM	36	20	21.45	21.42	21.34								
15	16QAM	36	39	21.34	21.35	21.47	22.5	2						
15	16QAM	75	0	21.39	21.40	21.47								
15	64QAM	1	0	21.48	21.41	20.90								
15	64QAM	1	37	21.55	21.61	21.32								
15	64QAM	1	74	21.47	21.44	21.39	21.5	3						
15	64QAM	36	0	20.56	20.45	20.35								
15	64QAM	36	20	20.42	20.32	20.39								
15	64QAM	36	39	20.35	20.23	20.51								
15	64QAM	75	0	20.56	20.38	20.35	18.65	18.65						
Channel														
Frequency (MHz)														
18650 18900 19150														
10	QPSK	1	0	23.39	23.26	23.49	24.5	0						
10	QPSK	1	25	23.35	23.12	23.33								
10	QPSK	1	49	23.21	23.14	23.33								
10	QPSK	25	0	22.55	22.35	22.56								
10	QPSK	25	12	22.45	22.35	22.26	23.5	1						
10	QPSK	25	25	22.42	22.38	22.34								
10	QPSK	50	0	22.48	22.36	22.54								
10	16QAM	1	0	22.94	22.72	22.43								
10	16QAM	1	25	22.81	22.47	22.62	23.5	1						
10	16QAM	1	49	22.64	22.39	22.54								
10	16QAM	25	0	21.59	21.36	21.32								
10	16QAM	25	12	21.42	21.42	21.30								
10	16QAM	25	25	21.36	21.40	21.48	22.5	2						
10	16QAM	50	0	21.48	21.47	21.45								
10	64QAM	1	0	21.47	21.41	20.92								
10	64QAM	1	25	21.56	21.65	21.31								
10	64QAM	1	49	21.57	21.46	21.35	22.5	2						
10	64QAM	25	0	20.62	20.42	20.32								
10	64QAM	25	12	20.43	20.36	20.36								
10	64QAM	25	25	20.33	20.29	20.47								
10	64QAM	50	0	20.53	20.36	20.31	21.5	3						
Channel														
Frequency (MHz)														
1852.5 1880 1907.5														
5	QPSK	1	0	23.41	23.21	23.44	24.5	0						
5	QPSK	1	12	23.39	23.15	23.42								
5	QPSK	1	24	23.20	23.17	23.31								
5	QPSK	12	0	22.57	22.37	22.52								
5	QPSK	12	7	22.52	22.34	22.39	23.5	1						
5	QPSK	12	13	22.43	22.30	22.41								
5	QPSK	25	0	22.54	22.41	22.55								
5	16QAM	1	0	23.01	22.78	22.41								
5	16QAM	1	12	22.79	22.39	22.56	23.5	1						
5	16QAM	1	24	22.71	22.40	22.50								
5	16QAM	12	0	21.50	21.41	21.30								
5	16QAM	12	7	21.45	21.43	21.32								
5	16QAM	12	13	21.43	21.41	21.47	22.5	2						
5	16QAM	25	0	21.41	21.37	21.46								
5	64QAM	1	0	21.49	21.49	20.96								
5	64QAM	1	12	21.54	21.64	21.24								
5	64QAM	1	24	21.57	21.48	21.41	22.5	2						
5	64QAM	12	0	20.60	20.47	20.37								
5	64QAM	12	7	20.44	20.37	20.42								
5	64QAM	12	13	20.33	20.24	20.43								
5	64QAM	25	0	20.52	20.32	20.31	21.5	3						
Channel														
Frequency (MHz)														
1851.5 1880 1908.5														
3	QPSK	1	0	23.41	23.22	23.41	24.5	0						
3	QPSK	1	8	23.34	23.11	23.41								
3	QPSK	1	14	23.22	23.12	23.38								
3	QPSK	8	0	22.44	22.38	22.57								
3	QPSK	8	4	22.45	22.35	22.37	23.5	1						
3	QPSK	8	7	22.45	22.30	22.35								
3	QPSK	15	0	22.51	22.32	22.56								
3	16QAM	1	0	22.95	22.76	22.42								
3	16QAM	1	8	22.76	22.42	22.58	23.5	1						
3	16QAM	1	14	22.64	22.32	22.47								
3	16QAM	8	0	21.60	21.41	21.27								
3	16QAM	8	4	21.40	21.44	21.34								
3	16QAM	8	7	21.44	21.36	21.41	22.5	2						
3	16QAM	15	0	21.43	21.43	21.41								
3	64QAM	1	0	21.44	21.47	20.96								
3	64QAM	1	8	21.55	21.65	21.25								
3	64QAM	1	14	21.51	21.45	21.38	22.5	2						
3	64QAM	8	0	20.57	20.45	20.35								
3	64QAM	8	4	20.40	20.29	20.43								
3	64QAM	8	7	20.43	20.26	20.48								
3	64QAM	15	0	20.51	20.31	20.31	21.5	3						
Channel														
Frequency (MHz)														
1850.7 18900 19101														
1.4	QPSK	1	0	23.45	23.29	23.45	24.5	0						
1.4	QPSK	1	3	23.31	23.18	23.33								
1.4	QPSK	1	5	23.28	23.17	23.33								
1.4	QPSK	3	0	23.30	23.14	23.39								
1.4	QPSK	3	1	23.26	23.05	23.39	23.5	1						
1.4	QPSK	3	3	23.19	23.10	23.22								
1.4	QPSK	6	0	22.46	22.37	22.46								
1.4	16QAM	1	0	22.91	22.71	22.66								
1.4	16QAM	1	3	22.79	22.47	22.56	23.5	1						
1.4	16QAM	1	5	22.61	22.33	22.45								
1.4	16QAM	3	0	22.81	22.55	22.34								
1.4	16QAM	3	1	22.73	22.37	22.46								
1.4	64QAM	3	3	22.47	22.24	22.39	22.5	2						
1.4	64QAM	3	6	21.41	21.21	21.39								
1.4	64QAM	1	0	21.51	21.51	21.20								
1.4	64QAM	1	3	21.61	21.59	21.30								
1.4	64QAM	1	5	21.56	21.40	21.38	22.5	2						
1.4	64QAM	3	0	21.43	21.36	21.07								
1.4	64QAM	3	1	21.53	21.45	20.15								
1.4	64QAM	3	3	21.32	21.21	21.27								
1.4	64QAM	6	0	20.55	20.35	20.35	21.5	3						

Band 4_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.20	1732.5	1735				
20	QPSK	1	49	23.03	23.38	23.37	24.5	0		
20	QPSK	1	99	23.06	23.17	23.13				
20	QPSK	50	0	22.24	22.33	22.37				
20	QPSK	50	50	22.14	22.18	22.27	23.5	1		
20	QPSK	100	0	22.17	22.27	22.22				
20	16QAM	1	0	22.39	22.56	22.63				
20	16QAM	1	49	22.46	22.26	22.32	23.5	1		
20	16QAM	1	99	22.42	22.33					
20	16QAM	50	0	21.14	21.18	21.25				
20	16QAM	50	24	21.15	21.27	21.29	22.5	2		
20	16QAM	50	50	21.14	21.30	21.22				
20	16QAM	100	0	21.23	21.32	21.33				
20	64QAM	1	0	20.95	21.00	21.12	22.5	2		
20	64QAM	1	49	21.12	21.12	21.16				
20	64QAM	1	99	21.08	21.16	21.18				
20	64QAM	50	0	20.02	20.15	20.30				
20	64QAM	50	24	20.19	20.30	20.32	21.5	3		
20	64QAM	50	50	20.21	20.22	20.32				
20	64QAM	100	0	20.10	20.42	20.28				
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.96	23.31	23.28				
15	QPSK	1	37	22.91	23.29	23.12	24.5	0		
15	QPSK	1	74	22.93	23.08	22.99				
15	QPSK	36	0	22.13	22.30	22.27				
15	QPSK	36	20	22.01	22.08	22.21	23.5	1		
15	QPSK	36	39	22.08	22.21	22.05				
15	QPSK	75	0	22.12	22.22	22.11				
15	16QAM	1	0	22.24	22.49	22.55				
15	16QAM	1	37	22.26	22.24	22.29	23.5	1		
15	16QAM	1	74	22.32	22.26	22.27				
15	16QAM	36	0	21.01	21.06	21.15				
15	16QAM	36	20	21.10	21.17	21.24	22.5	2		
15	16QAM	36	39	21.08	21.20	21.11				
15	16QAM	75	0	21.13	21.22	21.26				
15	64QAM	1	0	20.88	20.92	21.02				
15	64QAM	1	37	21.06	20.89	21.10	22.5	2		
15	64QAM	1	74	20.99	21.07	21.05				
15	64QAM	36	0	19.91	20.06	20.25				
15	64QAM	36	20	20.04	20.04	20.18	21.5	3		
15	64QAM	36	39	20.11	20.11	20.18				
15	64QAM	75	0	19.98	20.28	20.18				
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.96	23.33	23.24				
10	QPSK	1	25	22.94	23.30	23.13	24.5	0		
10	QPSK	1	49	22.94	23.06	23.07				
10	QPSK	25	0	22.16	22.22	22.19				
10	QPSK	25	12	22.02	22.11	22.12	23.5	1		
10	QPSK	25	25	22.01	22.16	22.07				
10	QPSK	50	0	22.08	22.19	22.13				
10	16QAM	1	0	22.28	22.48	22.48				
10	16QAM	1	25	22.29	22.26	22.28	23.5	1		
10	16QAM	1	49	22.31	22.22	22.22				
10	16QAM	25	0	21.09	21.05	21.11	22.5	2		
10	16QAM	25	12	21.09	21.17	21.22				
10	16QAM	25	25	21.02	21.20	21.09				
10	16QAM	50	0	21.12	21.18	21.22				
10	64QAM	1	0	20.86	20.94	21.06				
10	64QAM	1	25	21.06	20.87	21.08	22.5	2		
10	64QAM	1	49	21.03	21.03	21.03				
10	64QAM	25	0	19.96	20.00	20.15				
10	64QAM	25	12	20.08	20.16	20.17	21.5	3		
10	64QAM	25	25	20.11	20.15	20.23				
10	64QAM	50	0	20.05	20.35	20.21				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.97	23.32	23.23				
5	QPSK	1	12	22.91	23.32	23.10	24.5	0		
5	QPSK	1	24	22.94	23.12	23.08				
5	QPSK	12	0	22.15	22.24	22.22				
5	QPSK	12	7	21.99	22.13	22.12	23.5	1		
5	QPSK	12	13	22.16	22.20	22.21				
5	QPSK	25	0	22.05	22.16	22.12				
5	16QAM	1	0	22.25	22.48	22.56				
5	16QAM	1	12	22.26	22.22	22.21	23.5	1		
5	16QAM	1	24	22.35	22.23	22.28				
5	16QAM	12	0	21.03	21.11	21.16				
5	16QAM	12	7	21.02	21.14	21.19	22.5	2		
5	16QAM	12	13	21.12	21.06	21.16				
5	16QAM	25	0	21.14	21.20	21.18				
5	64QAM	1	0	20.86	20.88	21.02				
5	64QAM	1	12	21.04	20.85	21.09	22.5	2		
5	64QAM	1	24	21.01	21.06	21.03				
5	64QAM	12	0	19.93	20.10	20.20				
5	64QAM	12	7	20.14	20.10	20.26	21.5	3		
5	64QAM	12	13	20.16	20.10	20.26				
5	64QAM	25	0	19.97	20.29	20.18				
Channel										
Frequency (MHz)										
3	QPSK	1	0	22.95	23.32	23.22				
3	QPSK	1	8	22.98	23.33	23.12	24.5	0		
3	QPSK	1	14	22.91	23.07	23.02				
3	QPSK	8	0	22.06	22.17	22.18				
3	QPSK	8	4	22.08	22.12	22.13	23.5	1		
3	QPSK	15	0	22.04	22.12	22.11				
3	16QAM	1	0	22.25	22.43	22.51				
3	16QAM	1	8	22.27	22.32	22.21	23.5	1		
3	16QAM	1	14	22.33	22.19	22.22				
3	16QAM	8	0	21.04	21.03	21.12	22.5	2		
3	16QAM	8	4	21.09	21.22	21.24				
3	16QAM	8	7	21.03	21.20	21.15				
3	16QAM	15	0	21.09	21.19	21.23				
3	64QAM	1	0	20.82	20.86	21.04				
3	64QAM	8	0	21.14	21.04	21.08	22.5	2		
3	64QAM	1	14	20.96	21.07	21.11				
3	64QAM	8	0	19.97	20.03	20.16				
3	64QAM	8	4	20.13	20.21	20.25	21.5	3		
3	64QAM	8	7	20.08	20.08	20.21				
3	64QAM	15	0	19.95	20.34	20.25				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	22.94	1732.5	1734.3				
1.4	QPSK	1	3	22.89	23.33	23.18	24.5	0		
1.4	QPSK	1	5	23.00	23.10	23.06				
1.4	QPSK	3	0	22.97	23.16	23.15				
1.4	QPSK	3	1	23.01	23.21	23.09				
1.4	QPSK	3	3	22.95	22.99	23.00	23.5	1		
1.4	QPSK	6	0	22.12	22.15	22.14				
1.4	16QAM	1	0	22.34	22.48	22.54				
1.4	16QAM	1	3	22.25	22.24	22.27				
1.4	16QAM	1	5	22.27	22.27	22.30	23.5	1		
1.4	16QAM	3	3	22.23	22.13	22.22				
1.4	16QAM	6	0	21.09	21.10	21.22	22.5	2		
1.4	64QAM	1	0	20.80	20.89	20.97				
1.4	64QAM	1	3	21.09	20.83	21.10				
1.4	64QAM	1	5	20.95	21.11	21.09	22.5	2		
1.4	64QAM	3	0	20.71	20.81	20.85				
1.4	64QAM	3	1	20.00	20.69	20.13				
1.4	64QAM	3	3	20.86	20.20	20.96				
1.4	64QAM	6	0	19.99	20.36	20.34	21.5	3		

Band 4_Ant 3												
BW (MHz)	Modulatio n	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Turn-up limit (dBm)	MPR (dB)				
Channel				20050	20175	20300						
Frequency (MHz)				1720	1732.5	1745						
20	QPSK	1	0	23.23	23.20	23.22						
20	QPSK	1	49	22.97	23.14	23.08	24.5	0				
20	QPSK	1	99	22.96	23.18	23.20						
20	QPSK	50	0	22.25	22.80	22.40						
20	QPSK	50	24	22.11	22.13	22.20	23.5	1				
20	QPSK	50	50	22.01	22.14	22.09						
20	QPSK	100	0	22.20	22.10	22.31						
20	16QAM	1	0	22.45	22.39	22.19						
20	16QAM	1	49	22.29	22.42	22.56	23.5	1				
20	16QAM	1	99	22.25	22.80	22.40						
20	16QAM	50	0	21.10	21.27	21.13						
20	16QAM	50	24	21.12	21.21	21.24	22.5	2				
20	16QAM	50	50	21.06	21.24	21.29						
20	16QAM	100	0	21.08	21.16	21.26						
20	64QAM	1	0	21.22	21.23	21.58						
20	64QAM	1	49	21.30	21.41	21.28	22.5	2				
20	64QAM	1	99	21.44	21.30	21.20						
20	64QAM	50	0	20.00	20.17	20.21						
20	64QAM	50	24	20.02	20.38	20.19	21.5					
20	64QAM	50	50	19.99	20.19	20.25						
20	100QAM	100	0	20.14	20.21	20.20						
Channel				1715	1732.5	17350	Turn-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1715	1732.5	17350						
15	QPSK	1	0	23.15	23.09	23.13						
15	QPSK	1	37	22.83	23.13	23.07	24.5	0				
15	QPSK	1	74	22.89	23.12	23.12						
15	QPSK	36	0	22.14	22.16	22.09						
15	QPSK	36	20	22.08	22.12	22.11	23.5	1				
15	QPSK	36	39	21.89	22.05	22.05						
15	QPSK	75	0	22.10	22.14	22.14						
15	16QAM	1	0	22.43	22.36	22.28						
15	16QAM	1	37	22.28	22.27	22.48	23.5	1				
15	16QAM	1	74	22.46	22.47	22.31						
15	16QAM	36	0	21.09	21.17	21.04						
15	16QAM	36	20	21.01	21.20	21.13	22.5	2				
15	16QAM	36	39	20.92	21.03	21.02						
15	16QAM	75	0	21.00	21.02	21.16						
15	64QAM	1	0	21.11	21.12	21.54						
15	64QAM	1	37	21.21	21.28	21.27	22.5	2				
15	64QAM	1	74	21.41	21.21	21.16						
15	64QAM	36	0	19.85	20.14	20.10						
15	64QAM	36	20	19.89	20.06	20.12	21.5	3				
15	64QAM	36	39	19.90	20.05	20.20						
15	64QAM	75	0	20.00	20.10	20.08						
Channel				20000	20175	20350	Turn-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1715	1732.5	17350						
10	QPSK	1	0	23.13	23.19	23.08						
10	QPSK	1	25	22.87	23.02	23.07	24.5	0				
10	QPSK	1	49	22.97	23.14	23.13						
10	QPSK	25	0	22.17	22.18	22.18						
10	QPSK	25	12	22.06	22.04	22.05	23.5	1				
10	QPSK	25	25	21.98	22.00	22.05						
10	QPSK	50	0	22.07	22.07	22.06						
10	16QAM	1	0	22.37	22.27	22.29						
10	16QAM	1	25	22.28	22.32	22.48	23.5	1				
10	16QAM	1	49	22.42	22.43	22.36						
10	16QAM	25	0	21.01	21.14	21.10	22.5	2				
10	16QAM	25	12	21.08	21.16	21.22						
10	16QAM	25	25	20.92	21.17	21.18						
10	16QAM	50	0	21.06	21.06	21.17						
10	64QAM	1	0	21.12	21.17	21.44						
10	64QAM	1	25	21.05	21.16	21.21	22.5	2				
10	64QAM	1	49	21.37	21.19	21.17						
10	64QAM	25	0	19.93	20.10	20.12						
10	64QAM	25	12	20.00	20.37	20.05	21.5	3				
10	64QAM	25	25	19.84	20.12	20.17						
10	64QAM	50	0	20.05	20.07	20.07						
Channel				19975	20175	20375	Turn-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1715	1732.5	17375						
5	QPSK	1	0	23.15	23.15	23.20						
5	QPSK	1	12	22.93	23.11	22.95	24.5	0				
5	QPSK	1	24	22.85	23.04	23.14						
5	QPSK	12	0	22.13	22.06	22.09						
5	QPSK	12	7	22.10	22.05	22.12	23.5	1				
5	QPSK	12	13	21.90	22.03	21.97						
5	QPSK	25	0	22.16	22.16	22.21						
5	16QAM	1	0	22.34	22.33	22.16	23.5	1				
5	16QAM	1	12	22.19	22.24	22.49						
5	16QAM	1	24	22.43	22.59	22.34	22.5	1				
5	16QAM	12	0	21.09	21.07	21.11						
5	16QAM	12	7	21.09	21.07	21.13	22.5	2				
5	16QAM	12	13	21.01	21.10	21.22						
5	16QAM	25	0	21.06	21.07	21.14						
5	64QAM	1	12	21.16	21.36	21.25	22.5	2				
5	64QAM	1	24	21.43	21.22	21.05						
5	64QAM	12	0	19.87	20.16	20.11						
5	64QAM	12	7	19.87	20.16	20.06	21.5	3				
5	64QAM	12	13	19.95	20.17	20.11						
5	64QAM	25	0	20.09	20.20	20.19						
Channel				19965	20175	20385	Turn-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1711.5	1732.5	1753.5						
3	QPSK	1	0	23.21	23.09	23.08						
3	QPSK	1	8	22.87	23.13	23.00	24.5	0				
3	QPSK	1	14	22.94	23.15	23.05						
3	QPSK	8	0	22.08	22.12	22.11						
3	QPSK	8	4	22.08	21.99	22.18	23.5	1				
3	QPSK	8	7	21.98	21.99	21.96						
3	QPSK	15	0	22.06	22.02	22.04						
3	16QAM	1	0	22.40	22.35	22.23						
3	16QAM	1	8	22.21	22.25	22.44	23.5	1				
3	16QAM	1	14	22.47	22.38	22.31						
3	16QAM	8	0	21.09	21.19	21.21	22.5	2				
3	16QAM	8	4	21.07	21.20	21.21						
3	16QAM	8	7	20.99	21.17	21.16						
3	16QAM	15	0	20.98	21.08	21.23						
3	64QAM	1	0	21.12	21.08	21.45						
3	64QAM	1	8	21.25	21.34	21.21	22.5	2				
3	64QAM	1	14	21.41	21.24	21.09						
3	64QAM	8	0	19.97	20.03	20.17						
3	64QAM	8	4	19.98	20.26	20.09	21.5	3				
3	64QAM	8	7	19.96	20.14	20.20						
3	64QAM	15	0	20.11	20.12	20.20						
Channel				19957	20175	20393	Turn-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1710.7	1732.5	1754.3						
1.4	QPSK	1	0	23.16	23.24	23.21						
1.4	QPSK	1	3	22.80	23.00	23.04	24.5	0				
1.4	QPSK	1	5	22.97	23.13	23.09						
1.4	QPSK	3	0	23.03	23.04	23.12						
1.4	QPSK	3	1	22.81	22.97	22.92	23.5	1				
1.4	QPSK	3	3	22.92	23.03	22.98						
1.4	QPSK	6	0	22.19	22.09	22.21	23.5	1				
1.4	16QAM	1	0	22.40	22.30	22.20						
1.4	16QAM	1	3	22.27	22.19	22.44						
1.4	16QAM	1	5	22.47	22.52	22.30	23.5	1				
1.4	16QAM	3	0	22.37	22.27	22.10						
1.4	16QAM	3	1	22.16	22.24	22.34						
1.4	16QAM	3	3	22.46	22.50	22.21	22.5	2				
1.4	64QAM	1	0	21.08	21.15	21.47						
1.4	64QAM	1	3	21.16	21.32	21.21						
1.4	64QAM	1	5	21.37	21.25	21.13	22.5	2				
1.4	64QAM	3	0	21.02	21.01	21.40						
1.4	64QAM	3	1	21.10	21.27	21.16						
1.4	64QAM	3	3	21.34	21.15	20.98						
1.4	64QAM	6	0	20.09	20.20	20.06	21.5	3				

Band 4_Ant 4												
BW [MHz]	Modulatio n	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	23.27	23.36	23.29			24.5	0		
20	QPSK	1	49	23.04	23.29	23.27						
20	QPSK	1	99	23.13	23.34	23.28						
20	QPSK	50	0	22.30	22.40	22.38			23.5	1		
20	QPSK	50	24	22.19	22.24	22.36						
20	QPSK	50	50	22.14	22.38	22.34						
20	QPSK	100	0	22.14	22.32	22.25			22.5	2		
20	16QAM	1	0	22.34	22.43	22.55						
20	16QAM	1	49	22.46	22.46	22.55						
20	16QAM	1	99	22.89	22.45	22.85			22.5	1		
20	16QAM	50	0	21.07	21.37	21.42						
20	16QAM	50	24	21.20	21.32	21.33						
20	16QAM	50	50	21.14	21.30	21.21			22.5	2		
20	16QAM	100	0	21.11	21.28	21.33						
20	16QAM	1	0	21.20	21.18	21.41						
20	16QAM	1	49	21.19	21.29	21.30			21.5	3		
20	16QAM	1	99	21.20	21.45	21.17						
20	16QAM	50	0	19.99	20.30	20.35						
20	16QAM	50	24	20.21	20.25	20.37			21.5	3		
20	16QAM	50	50	20.25	20.28	20.33						
20	16QAM	100	0	20.20	20.32	20.40						
Channel				20050	20175	20300			Tune-up limit (dbm)	MPR (db)		
Frequency (MHz)				1712.5	1725.5	1737.5						
15	QPSK	1	0	23.17	23.26	23.17			24.5	0		
15	QPSK	1	37	22.82	23.17	23.12						
15	QPSK	1	74	23.05	23.31	23.26						
15	QPSK	36	0	22.18	22.34	22.36			23.5	1		
15	QPSK	36	20	22.04	22.11	22.22						
15	QPSK	36	39	22.03	22.32	22.21						
15	QPSK	75	0	22.98	22.29	22.22			23.5	1		
15	16QAM	1	0	22.28	22.32	22.48						
15	16QAM	1	37	22.29	22.23	22.48						
15	16QAM	1	74	22.65	22.44	22.55			22.5	2		
15	16QAM	36	0	20.94	21.25	21.34						
15	16QAM	36	20	21.13	21.23	21.29						
15	16QAM	36	39	21.53	21.24	21.07			21.5	3		
15	16QAM	75	0	21.02	21.19	21.32						
15	16QAM	1	0	21.10	21.14	21.40						
15	16QAM	1	37	21.16	21.21	21.23			22.5	2		
15	16QAM	1	74	21.15	21.40	21.21						
15	16QAM	36	0	19.90	20.15	20.23						
15	16QAM	36	20	20.14	20.25	20.34			21.5	3		
15	16QAM	36	39	20.11	20.19	20.30						
15	16QAM	75	0	20.08	20.24	20.36						
Channel				20000	20175	20350			Tune-up limit (dbm)	MPR (db)		
Frequency (MHz)				1715	1732.5	1750						
10	QPSK	1	0	23.25	23.27	23.19			24.5	0		
10	QPSK	1	25	23.02	23.26	23.12						
10	QPSK	1	49	23.05	23.23	23.19						
10	QPSK	25	0	22.13	22.17	22.35			23.5	1		
10	QPSK	25	12	22.13	22.17	22.35						
10	QPSK	25	25	22.06	22.29	22.21						
10	QPSK	50	0	22.13	22.17	22.19			23.5	1		
10	16QAM	1	0	22.27	22.34	22.47						
10	16QAM	1	25	22.30	22.32	22.48						
10	16QAM	1	49	22.48	22.48	22.63			22.5	2		
10	16QAM	25	0	21.04	21.25	21.32						
10	16QAM	25	12	21.16	21.26	21.21						
10	16QAM	25	25	21.10	21.23	21.08			22.5	2		
10	16QAM	50	0	21.03	21.21	21.32						
10	16QAM	1	0	21.08	21.11	21.32						
10	16QAM	1	25	21.17	21.25	21.17			22.5	2		
10	16QAM	1	49	21.17	21.43	21.16						
10	16QAM	25	0	19.96	20.20	20.23						
10	16QAM	25	12	20.07	20.15	20.29			21.5	3		
10	16QAM	25	25	20.13	20.15	20.27						
10	16QAM	50	0	20.16	20.20	20.38						
Channel				19975	20175	20375			Tune-up limit (dbm)	MPR (db)		
Frequency (MHz)				1716.5	1725.5	1735.5						
5	QPSK	1	0	23.26	23.35	23.18			24.5	0		
5	QPSK	1	12	22.97	23.27	23.13						
5	QPSK	1	24	23.02	23.33	23.14						
5	QPSK	12	0	22.19	22.37	22.26			23.5	1		
5	QPSK	12	7	22.04	22.13	22.26						
5	QPSK	12	13	22.00	22.20	22.31						
5	QPSK	25	0	22.07	22.31	22.20			23.5	1		
5	QPSK	25	0	22.26	22.40	22.44						
5	16QAM	1	12	22.38	22.31	22.40						
5	16QAM	1	24	22.60	22.38	22.61			22.5	2		
5	16QAM	12	0	20.99	21.24	21.26						
5	16QAM	12	7	21.11	21.30	21.35						
5	16QAM	12	13	21.03	21.25	21.13			22.5	2		
5	16QAM	25	0	21.03	21.25	21.18						
5	16QAM	1	0	21.11	21.07	21.36						
5	16QAM	1	12	21.17	21.27	21.25			21.5	3		
5	16QAM	1	24	21.18	21.44	21.14						
5	16QAM	12	0	19.93	20.20	20.29						
5	16QAM	12	7	20.20	20.20	20.38			21.5	3		
5	16QAM	12	13	20.10	20.23	20.26						
5	16QAM	25	0	20.17	20.28	20.30						
Channel				19965	20175	20385			Tune-up limit (dbm)	MPR (db)		
Frequency (MHz)				1711.5	1732.5	1753.5						
3	QPSK	1	0	23.22	23.32	23.14			24.5	0		
3	QPSK	1	8	23.03	23.20	23.23						
3	QPSK	1	14	23.03	23.28	23.27						
3	QPSK	8	0	22.15	22.26	22.34			23.5	1		
3	QPSK	8	4	22.09	22.12	22.26						
3	QPSK	8	7	22.09	22.29	22.25						
3	QPSK	15	0	22.01	22.31	22.11			22.5	2		
3	16QAM	1	0	22.33	22.36	22.51						
3	16QAM	1	8	22.40	22.32	22.38						
3	16QAM	1	14	21.17	21.26	21.35			22.5	2		
3	16QAM	1	18	21.21	21.21	21.26						
3	16QAM	1	24	21.08	21.38	21.25						
3	16QAM	8	0	19.93	20.28	20.26			21.5	3		
3	16QAM	8	4	20.07	20.15	20.29						
3	16QAM	8	7	20.23	20.16	20.18						
3	16QAM	15	0	20.14	20.25	20.30						
Channel				19957	20175	20393			Tune-up limit (dbm)	MPR (db)		
Frequency (MHz)				1710.7	1732.5	1754.3						
1.4	QPSK	1	0	23.26	23.33	23.24			24.5	0		
1.4	QPSK	1	3	22.92	23.27	23.15						
1.4	QPSK	1	5	23.06	23.33	23.14						
1.4	QPSK	3	0	23.20	23.22	23.23			23.5	1		
1.4	QPSK	3	1	22.90	23.16	23.06						
1.4	QPSK	3	3	22.98	23.20	23.09						
1.4	QPSK	6	0	22.05	22.28	22.24			22.5	2		
1.4	16QAM	1	0	22.29	22.32	22.50						
1.4	16QAM	1	3	22.38	22.30	22.48						
1.4	16QAM	1	5	22.59	22.36	22.57			21.5	3		
1.4	16QAM	3	0	22.16	22.20	22.44						
1.4	16QAM	3	1	22.37	22.25	22.42						
1.4	16QAM	3	3	22.42	22.25	22.50			22.5	2		
1.4	16QAM	1	0	21.09	21.14	21.26						
1.4	16QAM	1	3	21.04	21.24	21.22						
1.4	16QAM	1	5	21.18	21.44	21.14			21.5	3		
1.4	16QAM	3	0	20.97	21.11	21.13						
1.4	16QAM	3	1	20.99	21.22	21.08						
1.4	16QAM	3	3	21.12	21.38	21.09						
1.4	16QAM	6	0	20.07	20.19	20.27						

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									
Frequency (MHz)									
10	QPSK	1	0	24.17	24.20	24.15	25	0	
10	QPSK	1	25	24.16	24.11	24.08			
10	QPSK	1	49	24.07	23.98	23.93			
10	QPSK	25	0	23.15	23.16	23.12	24	1	
10	QPSK	25	12	23.12	23.13	23.10			
10	QPSK	25	25	23.10	23.12	23.07			
10	QPSK	50	0	23.08	23.10	23.02	24	1	
10	16QAM	1	0	23.32	23.11	23.15			
10	16QAM	1	25	23.37	23.14	23.20			
10	16QAM	1	49	23.07	23.02	23.11	23	2	
10	16QAM	25	0	22.19	22.12	21.98			
10	16QAM	25	12	22.24	22.15	22.18			
10	16QAM	25	25	22.12	22.06	22.07	23	2	
10	16QAM	50	0	22.14	22.11	22.04			
10	64QAM	1	0	22.49	22.27	22.21			
10	64QAM	1	25	22.38	22.27	22.41	23	2	
10	64QAM	1	49	22.25	22.23	22.14			
10	64QAM	25	0	21.26	21.00	21.04			
10	64QAM	25	12	21.28	21.14	21.15	22	3	
10	64QAM	25	25	21.10	20.99	21.05			
10	64QAM	50	0	21.05	21.15	21.10			
Channel									
Frequency (MHz)									
5	QPSK	1	0	24.02	24.13	24.05	25	0	
5	QPSK	1	12	24.08	24.02	23.95			
5	QPSK	1	24	23.94	23.86	23.78			
5	QPSK	12	0	23.04	23.02	23.00	24	1	
5	QPSK	12	7	23.00	23.01	23.00			
5	QPSK	12	13	23.03	23.07	22.99			
5	QPSK	25	0	22.97	23.02	22.95	24	1	
5	16QAM	1	0	23.24	23.05	23.05			
5	16QAM	1	12	23.25	23.05	23.11			
5	16QAM	1	24	22.99	22.94	23.05	23	2	
5	16QAM	12	0	22.07	22.02	21.87			
5	16QAM	12	7	22.14	22.04	22.06			
5	16QAM	12	13	21.99	22.01	21.97	23	2	
5	16QAM	25	0	22.02	21.99	21.91			
5	64QAM	1	0	22.40	22.15	22.16			
5	64QAM	1	12	22.27	22.14	22.31	23	2	
5	64QAM	1	24	22.13	22.13	22.02			
5	64QAM	12	0	21.20	20.89	20.90			
5	64QAM	12	7	21.20	21.07	21.02	22	3	
5	64QAM	12	13	21.00	20.87	20.96			
5	64QAM	25	0	20.91	21.00	21.03			
Channel									
Frequency (MHz)									
3	QPSK	1	0	24.10	24.07	24.08	25	0	
3	QPSK	1	8	24.09	24.01	23.96			
3	QPSK	1	14	23.95	23.87	23.84			
3	QPSK	8	0	23.08	23.06	23.03	24	1	
3	QPSK	8	4	23.07	23.04	23.05			
3	QPSK	8	7	23.02	22.97	23.02			
3	QPSK	15	0	22.98	23.00	22.96	24	1	
3	16QAM	1	0	23.19	23.00	23.03			
3	16QAM	1	8	23.32	23.06	23.05			
3	16QAM	1	14	22.99	22.97	23.00	23	2	
3	16QAM	8	0	22.05	21.97	21.87			
3	16QAM	8	4	22.09	22.01	22.09			
3	16QAM	8	7	22.01	21.95	21.95	23	2	
3	16QAM	15	0	21.99	21.97	21.92			
3	64QAM	1	0	22.35	22.17	22.03			
3	64QAM	1	8	22.28	22.22	22.33	23	2	
3	64QAM	1	14	22.17	22.10	21.99			
3	64QAM	8	0	21.21	20.87	20.95			
3	64QAM	8	4	21.13	21.09	21.06	22	3	
3	64QAM	8	7	21.01	20.84	20.80			
3	64QAM	15	0	20.92	21.00	21.00			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	24.08	24.11	24.09	25	0	
1.4	QPSK	1	3	24.06	23.99	23.98			
1.4	QPSK	1	5	23.97	23.90	23.80			
1.4	QPSK	3	0	24.07	24.06	24.09	24	1	
1.4	QPSK	3	1	24.06	23.99	24.01			
1.4	QPSK	3	3	23.94	23.93	23.83			
1.4	QPSK	6	0	22.93	23.04	22.92	24	1	
1.4	16QAM	1	0	23.27	22.98	23.05			
1.4	16QAM	1	3	23.23	23.02	23.11			
1.4	16QAM	1	5	22.95	22.90	23.01	24	1	
1.4	16QAM	3	0	23.17	22.92	22.99			
1.4	16QAM	3	1	23.09	22.89	22.97			
1.4	16QAM	3	3	22.81	22.83	22.93	23	2	
1.4	16QAM	6	0	22.04	21.98	21.99			
1.4	64QAM	1	0	22.32	22.08	21.90			
1.4	64QAM	1	3	22.17	22.10	22.14	23	2	
1.4	64QAM	1	5	22.09	21.95	21.88			
1.4	64QAM	3	0	22.23	22.06	21.85			
1.4	64QAM	3	1	22.13	22.02	22.24	22	3	
1.4	64QAM	3	3	21.99	21.97	21.93			
1.4	64QAM	6	0	20.90	21.02	20.98			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	24.05	24.15	24.05	25	0	
1.4	QPSK	1	12	24.02	24.03	23.98			
1.4	QPSK	1	24	23.94	23.86	23.78			
1.4	QPSK	12	0	23.04	23.02	23.00	24	1	
1.4	QPSK	12	7	23.00	23.01	23.00			
1.4	QPSK	12	13	23.03	23.07	22.99			
1.4	QPSK	25	0	22.97	23.02	22.95	24	1	
1.4	16QAM	1	0	23.24	23.05	23.05			
1.4	16QAM	1	12	23.25	23.05	23.11			
1.4	16QAM	1	24	22.99	22.94	23.05	23	2	
1.4	16QAM	12	0	22.07	22.02	21.87			
1.4	16QAM	12	7	22.14	22.04	22.06			
1.4	16QAM	12	13	21.99	22.01	21.97	23	2	
1.4	16QAM	25	0	22.02	21.99	21.91			
1.4	64QAM	1	0	22.40	22.15	22.16			
1.4	64QAM	1	12	22.27	22.14	22.31	23	2	
1.4	64QAM	1	24	22.13	22.13	22.02			
1.4	64QAM	12	0	21.20	20.89	20.90			
1.4	64QAM	12	7	21.20	21.07	21.02	22	3	
1.4	64QAM	12	13	21.00	20.87	20.96			
1.4	64QAM	25	0	20.91	21.00	21.03			
Channel									
Frequency (MHz)									
3	QPSK	1	0	24.10	24.07	24.08	25	0	
3	QPSK	1	8	24.09	24.01	23.96			
3	QPSK	1	14	23.95	23.87	23.84			
3	QPSK	8	0	23.08	23.06	23.03	24	1	
3	QPSK	8	4	23.07	23.04	23.05			
3	QPSK	8	7	23.02	22.97	23.02			
3	QPSK	15	0	22.98	23.00	22.96	24	1	
3	16QAM	1	0	23.19	23.00	23.03			
3	16QAM	1	8	23.32	23.06	23.05			
3	16QAM	1	14	22.99	22.97	23.00	23	2	
3	16QAM	8	0	22.05	21.97	21.87			
3	16QAM	8	4	22.09	22.01	22.09			
3	16QAM	8	7	22.01	21.95	21.95	23	2	
3	16QAM	15	0	21.99	21.97	21.92			
3	64QAM	1	0	22.35	22.17	22.03			
3	64QAM	1	8	22.28	22.22	22.33	23	2	
3	64QAM	1	14	22.17	22.10	21.99			
3	64QAM	8	0	21.21	20.87	20.95			
3	64QAM	8	4	21.13	21.09	21.06	22	3	
3	64QAM	8	7	21.01	20.84	20.80			
3	64QAM	15	0	20.92	21.00	21.00			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	24.08	24.11	24.09	25	0	
1.4	QPSK	1	3	24.06	23.99	23.98			
1.4	QPSK	1	5	23.97	23.90	23.80			
1.4	QPSK	3	0	24.07	24.06	24.09	24	1	
1.4	QPSK	3	1	24.06	23.99	24.01			
1.4	QPSK	3	3	23.94	23.93	23.83			
1.4	QPSK	6	0	22.93	23.04	22.92	24	1	
1.4	16QAM	1	0	23.27	22.98	23.05			
1.4	16QAM	1	3	23.23	23.02	23.11			
1.4	16QAM	1	5	22.95	22.90	23.01	24	1	
1.4	16QAM	3	0	23.17	22.92	22.99			
1.4	16QAM	3	1	23.09	22.89	22.97			
1.4	16QAM	3	3	22.81	22.83	22.93	23	2	
1.4	16QAM	6	0	22.04	21.98	21.99			
1.4	64QAM	1	0	22.32	22.08	21.90			
1.4	64QAM	1	3	22.17	22.10	22.14	23	2	
1.4	64QAM	1	5	22.09	21.95	21.88			
1.4	64QAM	3	0	22.23	22.06	21.85			
1.4	64QAM	3	1	22.13	22.02	22.24	22	3	
1.4	64QAM	3	3	21.99	21.97	21.93			
1.4	64QAM	6	0	20.90	21.02	20.98			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	24.05	24.15	24.05	25	0	
1.4	QPSK	1	12	24.02	24.03	23.98			
1.4	QPSK	1	24	23.94	23.86	23.78			
1.4	QPSK	12	0	23.04	23.02	23.00	24	1	
1.4	QPSK	12	7	23.00	23.01	23.00			
1.4	QPSK	12	13	23.03	23.07	22.99			
1.4	QPSK	25	0	22.97	23.02	22.95	24	1	
1.4	16QAM	1	0	23.24	23.05	23.05			
1.4	16QAM	1	12	23.25	23.05	23.11			
1.4	16QAM	1	24	22.99	22.94	23.05	23	2	
1.4	16QAM	12	0	22.07	22.02	21.87			
1.4	16QAM	12	7	22.14	22.04	22.06			
1.4	16QAM	12	13	21.99	22.01	21.97	23	2	
1.4	16QAM	25	0	22.02	21.99	21.91			
1.4	64QAM	1	0	22.40	22.15	22.16			
1.4	64QAM	1	12	22.27	22.14	22.31	23	2	
1.4	64QAM	1	24	22.13	22.13	22.02			
1.4	64QAM	12	0	21.20	20.89	20.90			
1.4	64QAM	12	7	21.20	21.07	21.02	22	3	
1.4	64QAM	12	13	21.00	20.87	20.96			
1.4	64QAM	25	0	20.91	21.00	21.03			
Channel									
Frequency (MHz)									
3	QPSK	1	0	24.10	24.07	24.08	2		

Band 7_Ant 3									
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				20890	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.55	23.60	23.65			
20	QPSK	1	49	23.51	23.55	23.58	24.5	0	
20	QPSK	1	99	23.26	23.67	23.60			
20	QPSK	50	0	22.58	22.83	22.81			
20	QPSK	50	24	22.53	22.67	22.66	23.5	1	
20	QPSK	50	50	22.55	22.62	22.60			
20	QPSK	100	0	22.58	22.81	22.73			
20	16QAM	1	0	22.74	22.75	22.90			
20	16QAM	1	49	22.58	23.06	23.03	23.5	1	
20	16QAM	1	99	22.59	22.82	22.70			
20	16QAM	50	0	21.46	21.61	21.77			
20	16QAM	50	24	21.52	21.70	21.84	22.5	2	
20	16QAM	50	50	21.46	21.71	21.67			
20	16QAM	100	0	21.45	21.65	21.88			
20	64QAM	1	0	21.55	21.95	21.70			
20	64QAM	1	49	21.68	21.70	21.90	22.5	2	
20	64QAM	1	99	21.68	21.90	21.82			
20	64QAM	50	0	20.55	20.68	20.69			
20	64QAM	50	24	20.47	20.66	20.91	21.5	3	
20	64QAM	50	50	20.52	20.65	20.95			
20	64QAM	100	0	20.59	20.63	20.73			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	23.41	23.54	23.57			
15	QPSK	1	37	23.44	23.49	23.53	24.5	0	
15	QPSK	1	74	23.14	23.54	23.50			
15	QPSK	36	0	22.46	22.68	22.67			
15	QPSK	36	20	22.43	22.63	22.56	23.5	1	
15	QPSK	36	39	22.51	22.51	22.58			
15	QPSK	75	0	22.49	22.80	22.71			
15	16QAM	1	0	22.69	22.72	22.83			
15	16QAM	1	37	22.56	23.04	23.00	23.5	1	
15	16QAM	1	74	22.54	22.68	22.60			
15	16QAM	36	0	21.62	21.75	21.74			
15	16QAM	36	20	21.43	21.55	21.70	22.5	2	
15	16QAM	36	39	21.34	21.69	21.73			
15	16QAM	75	0	21.35	21.59	21.73			
15	64QAM	1	0	21.53	21.85	21.65	22.5	2	
15	64QAM	1	37	21.60	21.67	21.81			
15	64QAM	1	74	21.62	21.75	21.76			
15	64QAM	36	0	20.47	20.59	20.63			
15	64QAM	36	20	20.39	20.57	20.79	21.5	3	
15	64QAM	36	39	20.44	20.56	20.83			
15	64QAM	75	0	20.56	20.60	20.69			
Channel				20890	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	23.46	23.59	23.54			
10	QPSK	1	25	23.47	23.42	23.46	24.5	0	
10	QPSK	1	49	23.23	23.65	23.45			
10	QPSK	25	0	22.51	22.75	22.67			
10	QPSK	25	12	22.41	22.60	22.51	23.5	1	
10	QPSK	25	25	22.54	22.50	22.56			
10	QPSK	50	0	22.49	22.71	22.72			
10	16QAM	1	0	22.70	22.65	22.86	23.5	1	
10	16QAM	1	25	22.48	22.87	22.97			
10	16QAM	1	49	22.51	22.75	22.67			
10	16QAM	25	0	21.45	21.50	21.63			
10	16QAM	25	12	21.43	21.58	21.80	22.5	2	
10	16QAM	25	25	21.45	21.64	21.80			
10	16QAM	50	0	21.30	21.54	21.74			
10	64QAM	1	0	21.53	21.87	21.68	22.5	2	
10	64QAM	1	25	21.66	21.57	21.76			
10	64QAM	1	49	21.64	21.79	21.69			
10	64QAM	25	0	20.41	20.54	20.63			
10	64QAM	25	12	20.34	20.64	20.81	21.5	3	
10	64QAM	25	25	20.44	20.59	20.84			
10	64QAM	50	0	20.49	20.53	20.56			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	23.52	23.59	23.60			
5	QPSK	1	12	23.43	23.52	23.54	24.5	0	
5	QPSK	1	24	23.13	23.61	23.47			
5	QPSK	12	0	22.46	22.80	22.70			
5	QPSK	12	7	22.39	22.56	22.61	23.5	1	
5	QPSK	12	13	22.49	22.53	22.47			
5	QPSK	25	0	22.50	22.71	22.58			
5	16QAM	1	0	22.69	22.70	22.82			
5	16QAM	1	12	22.54	22.85	23.02	23.5	1	
5	16QAM	1	24	22.52	22.78	22.64			
5	16QAM	12	0	21.39	21.50	21.73			
5	16QAM	12	7	21.44	21.35	21.77	22.5	2	
5	16QAM	12	13	21.38	21.58	21.81			
5	16QAM	25	0	21.42	21.57	21.74			
5	64QAM	1	0	21.52	21.80	21.61			
5	64QAM	1	12	21.57	21.57	21.85	22.5	2	
5	64QAM	1	24	21.58	21.88	21.77			
5	64QAM	12	0	20.40	20.58	20.60			
5	64QAM	12	7	20.33	20.52	20.81	21.5	3	
5	64QAM	12	13	20.49	20.59	20.78			
5	64QAM	25	0	20.47	20.49	20.63			

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	24.04	24.10	24.05			
20	QPSK	1	49	23.96	24.04	23.87	24.5	0	
20	QPSK	1	99	23.87	24.07	24.02			
20	QPSK	50	0	23.22	23.20	23.18			
20	QPSK	50	24	23.21	23.20	23.06	23.5	1	
20	QPSK	50	50	23.11	23.11	23.16			
20	QPSK	100	0	23.12	23.14	23.01			
20	16QAM	1	0	23.16	23.20	23.15			
20	16QAM	1	49	23.12	23.26	23.28	23.5	1	
20	16QAM	1	99	23.22	23.24	23.21			
20	16QAM	50	0	22.15	22.14	21.92			
20	16QAM	50	24	22.16	22.22	22.08	22.5	2	
20	16QAM	50	50	22.22	22.17	21.94			
20	16QAM	100	0	22.17	22.21	22.06			
20	64QAM	1	0	22.11	22.04	21.85	22.5	2	
20	64QAM	1	49	22.25	21.93	22.18			
20	64QAM	1	99	21.96	22.16	22.19			
20	64QAM	50	0	21.11	21.12	21.02			
20	64QAM	50	24	21.18	21.22	21.04	21.5	3	
20	64QAM	50	50	21.20	21.18	21.06			
20	64QAM	100	0	21.24	21.16	21.13			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	24.01	24.08	23.92			
15	QPSK	1	37	23.94	23.99	23.85	24.5	0	
15	QPSK	1	74	23.81	23.97	23.98			
15	QPSK	36	0	23.20	23.13	23.17			
15	QPSK	36	20	23.15	23.10	22.93	23.5	1	
15	QPSK	36	39	22.99	23.07	23.04			
15	QPSK	75	0	23.00	23.00	22.87			
15	16QAM	1	0	23.04	23.19	23.20			
15	16QAM	1	37	23.08	23.21	23.16	23.5	1	
15	16QAM	1	74	23.13	23.13	23.26			
15	16QAM	36	0	22.60	22.67	22.68			
15	16QAM	36	20	22.15	22.17	21.98	22.5	2	
15	16QAM	36	39	22.17	22.03	21.86			
15	16QAM	75	0	22.02	22.06	21.93			
15	64QAM	1	0	21.99	22.00	21.97	22.5	2	
15	64QAM	1	37	21.98	22.12	22.17			
15	64QAM	1	74	21.90	22.03	22.18			
15	64QAM	36	0	21.02	21.07	20.97			
15	64QAM	36	20	21.16	21.18	20.94	21.5	3	
15	64QAM	36	39	21.05	21.10	20.93			
15	64QAM	75	0	21.17	21.13	21.00			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	23.98	23.97	24.01	24.5	0	
10	QPSK	1	25	23.90	23.91	23.73			
10	QPSK	1	49	23.72	24.06	23.89			
10	QPSK	25	0	23.20	23.16	23.14	23.5	1	
10	QPSK	25	12	23.17	23.11	22.95			
10	QPSK	25	25	23.06	23.07	23.14			
10	QPSK	50	0	23.09	23.06	22.92			
10	16QAM	1	0	23.05	23.19	23.24	23.5	1	
10	16QAM	1	25	23.09	23.25	22.93			
10	16QAM	1	49	23.23	23.19	23.28			
10	16QAM	25	0	22.11	22.03	21.83	22.5	2	
10	16QAM	25	12	22.07	22.12	21.98			
10	16QAM	25	25	22.05	22.10	21.88			
10	16QAM	50	0	22.07	22.16	22.04			
10	64QAM	1	0	22.09	21.99	21.73	22.5	2	
10	64QAM	1	25	22.21	21.87	22.04			
10	64QAM	1	49	21.83	22.03	22.13			
10	64QAM	25	0	21.05	21.09	20.95	21.5	3	
10	64QAM	25	12	21.11	21.18	21.03			
10	64QAM	25	25	21.07	21.05	20.92			
10	64QAM	50	0	21.22	21.12	21.06			
Channel				20375	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	23.90	24.08	24.03	24.5	0	
5	QPSK	1	12	23.94	24.03	23.73			
5	QPSK	1	24	23.85	24.03	23.97			
5	QPSK	12	0	23.14	23.14	23.07			
5	QPSK	12	7	23.14	23.14	22.93	23.5	1	
5	QPSK	12	13	22.96	23.04	23.15			
5	QPSK	25	0	23.00	23.13	22.91			
5	16QAM	1	0	23.03	23.18	23.10	23.5	1	
5	16QAM	1	12	22.98	23.15	23.20			
5	16QAM	1	24	23.15	23.11	23.05			
5	16QAM	12	0	22.11	22.04	21.87	22.5	2	
5	16QAM	12	7	22.09	22.08	21.93			
5	16QAM	12	13	22.21	22.12	21.81			
5	16QAM	25	0	22.16	22.07	21.94			
5	64QAM	1	0	22.00	21.96	21.76	21.5	3	
5	64QAM	1	12	22.07	21.86	22.09	22.5	2	
5	64QAM	1	24	21.85	21.10	22.14			
5	64QAM	12	0	21.05	21.09	20.96			
5	64QAM	12	7	21.11	21.18	20.98	21.5	3	
5	64QAM	12	13	21.19	21.12	20.97			
5	64QAM	25	0	21.09	21.02	21.01			

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												
Frequency (MHz)												
704 707.5 711												
10	QPSK	1	0	24.06	24.15	24.06	25	0				
10	QPSK	1	25	24.07	24.13	24.00						
10	QPSK	1	49	24.02	23.96	23.87						
10	QPSK	25	0	23.10	23.12	23.06						
10	QPSK	25	12	23.02	23.09	23.02						
10	QPSK	25	25	23.06	23.06	23.03	24	1				
10	QPSK	50	0	23.09	23.10	23.07						
10	16QAM	1	0	23.41	23.48	23.17						
10	16QAM	1	25	23.20	23.30	23.10						
10	16QAM	1	49	23.31	23.35	23.24						
10	16QAM	25	0	22.17	22.03	22.06	23	2				
10	16QAM	25	12	22.19	22.05	22.00						
10	16QAM	25	25	22.10	22.04	22.14						
10	16QAM	50	0	22.08	22.12	21.98						
10	64QAM	1	0	22.12	22.40	22.37						
10	64QAM	1	25	22.15	22.30	22.40	23	2				
10	64QAM	1	49	22.10	22.41	22.42						
10	64QAM	25	0	21.14	21.01	20.96						
10	64QAM	25	12	21.20	21.03	21.00						
10	64QAM	25	25	21.09	21.11	21.08						
10	64QAM	50	0	21.18	21.05	20.93	22	3				
Channel												
Frequency (MHz)												
703.5 707.5 713.5												
5	QPSK	1	0	23.99	24.06	23.94	25	0				
5	QPSK	1	12	23.98	24.01	23.93						
5	QPSK	1	24	23.97	23.86	23.74						
5	QPSK	12	0	23.00	23.04	22.91						
5	QPSK	12	7	22.94	22.96	22.92						
5	QPSK	12	13	22.95	23.00	22.95	24	1				
5	QPSK	25	0	23.03	23.01	23.02						
5	16QAM	1	0	23.28	23.43	23.04						
5	16QAM	1	12	23.07	23.18	23.00						
5	16QAM	1	24	23.19	23.22	23.11						
5	16QAM	12	0	22.08	21.93	22.00	23	2				
5	16QAM	12	7	22.12	21.98	21.92						
5	16QAM	12	13	22.04	21.99	22.01						
5	16QAM	25	0	22.02	21.97	21.85						
5	64QAM	1	0	21.97	22.30	22.27						
5	64QAM	1	12	22.10	22.22	22.33	23	2				
5	64QAM	1	24	22.04	22.31	22.33						
5	64QAM	12	0	21.03	20.88	20.80						
5	64QAM	12	7	21.13	20.94	20.93						
5	64QAM	12	13	20.98	21.06	21.03						
5	64QAM	25	0	21.07	20.93	20.79	22	3				
Channel												
Frequency (MHz)												
700.5 707.5 714.5												
3	QPSK	1	0	23.96	24.03	23.96	25	0				
3	QPSK	1	8	23.94	24.01	23.92						
3	QPSK	1	14	23.94	23.85	23.73						
3	QPSK	8	0	23.05	23.00	22.94						
3	QPSK	8	4	22.93	23.03	22.88						
3	QPSK	8	7	23.01	22.96	22.93	24	1				
3	QPSK	16	0	22.95	23.01	22.97						
3	16QAM	1	0	23.29	23.34	23.10						
3	16QAM	1	8	23.05	23.24	22.95						
3	16QAM	1	14	23.16	23.29	23.17						
3	16QAM	8	0	22.04	21.94	21.99	23	2				
3	16QAM	8	4	22.11	21.99	21.93						
3	16QAM	8	7	21.99	21.95	22.06						
3	16QAM	15	0	22.02	22.05	21.86						
3	64QAM	1	0	21.97	22.35	22.22						
3	64QAM	1	8	22.10	22.23	22.30	23	2				
3	64QAM	1	14	22.03	22.30	22.31						
3	64QAM	8	0	21.01	20.94	20.83						
3	64QAM	8	4	21.07	20.88	20.93						
3	64QAM	8	7	20.94	21.05	20.95						
3	64QAM	15	0	21.10	20.97	20.60	22	3				
Channel												
Frequency (MHz)												
699.7 707.5 715.3												
1.4	QPSK	1	0	24.03	24.00	23.96	25	0				
1.4	QPSK	1	3	24.00	23.99	23.90						
1.4	QPSK	1	5	23.89	23.83	23.82						
1.4	QPSK	3	0	23.92	23.86	23.84						
1.4	QPSK	3	1	23.93	23.90	23.82						
1.4	QPSK	3	3	23.74	23.71	23.67	24	1				
1.4	QPSK	6	0	23.03	23.01	22.96						
1.4	16QAM	1	0	23.34	23.33	23.05						
1.4	16QAM	1	3	23.05	23.17	23.02						
1.4	16QAM	1	5	23.22	23.21	23.19						
1.4	16QAM	3	0	23.28	23.18	22.97	24	1				
1.4	16QAM	3	1	22.97	23.07	22.86						
1.4	16QAM	3	3	23.15	23.10	23.04						
1.4	16QAM	6	0	21.99	21.99	21.84						
1.4	64QAM	1	0	21.87	22.27	22.25						
1.4	64QAM	1	3	21.87	22.11	22.25	23	2				
1.4	64QAM	1	5	21.90	22.30	22.24						
1.4	64QAM	3	0	21.84	22.19	22.25						
1.4	64QAM	3	1	21.94	22.14	22.27						
1.4	64QAM	3	3	21.97	22.23	22.27						
1.4	64QAM	6	0	21.06	20.91	20.81	22	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					
Frequency (MHz)				709	710	711					
10	QPSK	1	0	24.01	24.11	24.03	25				
10	QPSK	1	25	23.95	24.10	23.90					
10	QPSK	1	49	23.87	23.98	23.84					
10	QPSK	25	0	23.00	23.10	23.04					
10	QPSK	25	12	22.95	22.94	23.03					
10	QPSK	25	25	23.03	22.98	22.99	24		1		
10	QPSK	50	0	22.95	23.03	22.93					
10	16QAM	1	0	23.24	23.01	23.24					
10	16QAM	1	25	23.13	23.05	23.08					
10	16QAM	1	49	23.25	23.03	23.04					
10	16QAM	25	0	21.99	22.02	21.95	23		2		
10	16QAM	25	12	22.09	21.91	21.84					
10	16QAM	25	25	21.86	22.13	21.97					
10	16QAM	50	0	22.06	21.86	21.88					
10	64QAM	1	0	22.11	21.90	22.05					
10	64QAM	1	25	22.04	22.10	22.20	23		2		
10	64QAM	1	49	22.26	22.05	22.23					
10	64QAM	25	0	20.81	20.92	21.03					
10	64QAM	25	12	20.97	20.96	20.92					
10	64QAM	25	25	21.06	21.05	20.97					
10	64QAM	50	0	20.93	20.92	20.93	22		3		
Channel				23785 <th>23790<th>23835</th><th></th><th></th></th>	23790 <th>23835</th> <th></th> <th></th>	23835					
Frequency (MHz)				706.5	710	713.5				Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	23.91	23.92	23.96				25	
5	QPSK	1	12	23.78	23.89	23.77					
5	QPSK	1	24	23.78	23.89	23.75					
5	QPSK	12	0	22.91	22.88	22.97					
5	QPSK	12	7	22.95	22.89	22.85					
5	QPSK	12	13	22.91	22.86	22.88	24		1		
5	QPSK	25	0	22.83	22.84	22.80					
5	16QAM	1	0	23.05	22.87	23.12					
5	16QAM	1	12	23.07	22.90	23.04					
5	16QAM	1	24	23.16	22.91	23.07					
5	16QAM	12	0	21.95	21.98	21.84	23		2		
5	16QAM	12	7	22.00	21.84	21.99					
5	16QAM	12	13	21.84	21.97	21.93					
5	16QAM	25	0	21.92	21.76	21.83					
5	64QAM	1	0	21.98	21.81	21.86					
5	64QAM	1	12	21.97	22.05	22.04	22		3		
5	64QAM	1	24	22.11	21.97	22.11					
5	64QAM	12	0	20.79	20.79	20.79					
5	64QAM	12	7	20.87	20.92	20.80					
5	64QAM	12	13	21.03	20.90	20.78					
5	64QAM	25	0	20.79	20.79	20.85					

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	24.16	24.21	24.18	25	0		
15	QPSK	1	37	23.90	23.89	23.86				
15	QPSK	1	74	23.84	23.79	23.81				
15	QPSK	36	0	23.09	22.95	22.95				
15	QPSK	36	20	23.05	23.06	22.99				
15	QPSK	75	0	23.08	23.10	22.84	24	1		
15	16QAM	1	0	23.27	23.39	23.31				
15	16QAM	1	37	23.32	23.28	23.41				
15	16QAM	1	74	23.33	23.25	23.30				
15	16QAM	36	0	22.07	22.06	21.86				
15	16QAM	36	20	22.08	21.94	21.97	23	2		
15	16QAM	36	39	22.14	21.96	22.03				
15	16QAM	75	0	22.18	21.94	22.02				
15	64QAM	1	0	22.24	21.85	21.90				
15	64QAM	1	37	22.16	22.25	22.10				
15	64QAM	1	74	22.18	21.87	21.93	23	2		
15	64QAM	36	0	20.93	21.04	21.12				
15	64QAM	36	20	21.12	20.94	21.15				
15	64QAM	36	39	21.07	21.15	21.14				
15	64QAM	75	0	21.06	21.00	21.07				
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				819	831.5	844				
10	QPSK	1	0	23.81	23.85	23.81	25	0		
10	QPSK	1	25	23.83	23.74	23.73				
10	QPSK	1	49	23.75	23.72	23.75				
10	QPSK	25	0	23.03	22.99	22.91				
10	QPSK	25	12	22.98	22.89	22.83				
10	QPSK	25	25	22.90	22.91	22.92	24	1		
10	QPSK	50	0	22.99	23.03	22.78				
10	16QAM	1	0	23.22	23.26	23.21				
10	16QAM	1	25	23.21	23.17	23.29				
10	16QAM	1	49	23.28	23.19	23.17				
10	16QAM	25	0	21.87	22.00	21.76	23	2		
10	16QAM	25	12	21.99	21.83	21.84				
10	16QAM	25	25	22.06	21.81	21.90				
10	16QAM	50	0	22.08	21.89	21.95				
10	64QAM	1	0	22.11	21.73	21.82				
10	64QAM	1	25	22.01	22.19	21.97	23	2		
10	64QAM	1	49	22.03	21.91	21.78				
10	64QAM	25	0	20.80	20.98	21.05				
10	64QAM	25	12	21.06	20.87	21.10				
10	64QAM	25	25	20.94	21.02	21.09				
10	64QAM	50	0	20.94	20.91	21.00	22	3		
Channel				26715	26865	27015				
Frequency (MHz)				816.5	831.5	846.5				
5	QPSK	1	0	23.83	23.88	23.82		25	0	
5	QPSK	1	12	23.84	23.63	23.81				
5	QPSK	1	24	23.84	23.64	23.81				
5	QPSK	12	0	22.97	23.05	22.94				
5	QPSK	12	7	22.95	22.81	22.88				
5	QPSK	12	13	22.93	22.97	22.92	24	1		
5	QPSK	25	0	23.02	22.97	22.72				
5	16QAM	1	0	23.22	23.29	23.26				
5	16QAM	1	12	23.20	23.19	23.33				
5	16QAM	1	24	23.18	23.18	23.15				
5	16QAM	12	0	21.92	21.94	21.77	23	2		
5	16QAM	12	7	21.97	21.85	21.84				
5	16QAM	12	13	22.02	21.84	21.98				
5	16QAM	25	0	22.08	21.86	21.94				
5	64QAM	1	0	22.12	21.71	21.78				
5	64QAM	1	12	22.07	22.16	21.97	23	2		
5	64QAM	1	24	22.12	21.80	21.85				
5	64QAM	12	0	20.79	20.98	20.98				
5	64QAM	12	7	21.04	20.82	21.10				
5	64QAM	12	13	20.92	21.09	21.02				
5	64QAM	25	0	21.00	20.86	21.01	22	3		
Channel				26705	26865	27025				
Frequency (MHz)				815.5	831.5	847.5				
3	QPSK	1	0	23.84	23.90	23.77		25	0	
3	QPSK	1	8	23.82	23.78	23.77				
3	QPSK	1	14	23.72	23.68	23.73				
3	QPSK	8	0	23.02	23.01	22.92				
3	QPSK	8	4	23.01	22.80	22.87				
3	QPSK	8	7	22.95	22.94	22.94	24	1		
3	QPSK	15	0	23.03	22.98	22.78				
3	16QAM	1	0	23.16	23.32	23.17				
3	16QAM	1	8	23.19	23.22	23.26				
3	16QAM	1	14	23.23	23.19	23.22				
3	16QAM	8	0	21.87	22.01	21.76	23	2		
3	16QAM	8	4	21.97	21.87	21.87				
3	16QAM	8	7	22.09	21.83	21.92				
3	16QAM	15	0	22.09	21.86	21.90				
3	64QAM	1	0	22.13	21.80	21.75				
3	64QAM	1	8	22.05	22.14	22.02	23	2		
3	64QAM	1	14	22.03	21.81	21.78				
3	64QAM	8	0	20.84	20.92	21.07				
3	64QAM	8	4	21.05	20.88	21.03				
3	64QAM	8	7	20.96	21.01	20.99				
3	64QAM	15	0	20.91	20.85	20.98	22	3		
Channel				26697	26865	27033				
Frequency (MHz)				814.7	831.5	848.3				
1.4	QPSK	1	0	23.81	23.94	23.74		25	0	
1.4	QPSK	1	3	23.76	23.77	23.74				
1.4	QPSK	1	5	23.75	23.64	23.69				
1.4	QPSK	3	0	23.72	23.63	23.69				
1.4	QPSK	3	1	23.68	23.62	23.61				
1.4	QPSK	3	3	23.70	23.54	23.56	24	1		
1.4	QPSK	6	0	23.03	22.96	22.72				
1.4	16QAM	1	0	23.16	23.33	23.21				
1.4	16QAM	1	3	23.18	23.23	23.35				
1.4	16QAM	1	5	23.23	23.14	23.24				
1.4	16QAM	3	0	23.09	23.28	23.10	24	1		
1.4	16QAM	3	1	23.06	23.16	23.25				
1.4	16QAM	3	3	23.09	23.05	23.15				
1.4	16QAM	6	0	22.13	21.86	21.89				
1.4	64QAM	1	0	22.01	21.63	21.65				
1.4	64QAM	1	3	22.00	22.03	21.92	23	2		
1.4	64QAM	1	5	22.01	21.73	21.81				
1.4	64QAM	3	0	22.03	21.64	21.70				
1.4	64QAM	3	1	22.01	22.03	21.92				
1.4	64QAM	3	3	21.95	21.70	21.72				
1.4	64QAM	6	0	20.91	20.91	20.98	22	3		

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	24.12	24.17	24.10	25	0	
15	QPSK	1	37	23.88	23.89	23.86			
15	QPSK	1	74	23.84	23.79	23.77			
15	QPSK	36	0	23.09	23.09	23.06	24	1	
15	QPSK	36	39	23.12	22.95	22.99			
15	QPSK	75	0	23.08	23.12	22.84			
15	16QAM	1	0	23.27	23.39	23.31	24	1	
15	16QAM	1	37	23.32	23.28	23.15			
15	16QAM	1	74	23.22	23.10	23.20			
15	16QAM	36	0	22.90	22.90	22.86	23	2	
15	16QAM	36	20	22.08	21.94	21.97			
15	16QAM	36	39	22.14	21.96	22.03			
15	16QAM	75	0	22.18	21.94	22.02	23	2	
15	64QAM	1	0	21.72	21.78	21.78			
15	64QAM	1	37	21.70	21.88	21.80			
15	64QAM	1	74	21.90	21.87	21.93	23	2	
15	64QAM	36	0	20.93	21.00	21.12			
15	64QAM	36	20	21.12	20.94	21.15			
15	64QAM	36	39	21.07	21.15	21.14	22	3	
15	64QAM	75	0	21.06	21.00	21.07			
Channel				26760	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.93	23.86	23.83	25	0	
10	QPSK	1	25	23.84	23.80	23.76			
10	QPSK	1	49	23.90	23.82	23.75			
10	QPSK	26	0	23.05	23.03	22.95	24		
10	QPSK	25	12	23.01	22.86	22.87			
10	QPSK	25	25	23.01	22.92	22.84			
10	QPSK	50	0	22.93	23.07	22.71	24	1	
10	16QAM	1	0	23.15	23.26	23.24			
10	16QAM	1	25	23.21	23.14	23.07			
10	16QAM	1	49	23.08	23.03	23.06	23	2	
10	16QAM	25	0	21.95	21.91	21.77			
10	16QAM	25	12	21.98	21.85	21.92			
10	16QAM	25	25	22.00	21.84	21.91	23	2	
10	16QAM	50	0	21.83	21.89	21.87			
10	64QAM	1	0	22.64	21.63	21.70			
10	64QAM	1	25	21.83	21.76	21.70	23	2	
10	64QAM	1	49	21.82	21.75	21.82			
10	64QAM	25	0	20.78	20.89	21.01			
10	64QAM	25	12	21.02	20.82	21.10	22	3	
10	64QAM	25	25	20.94	21.09	21.01			
10	64QAM	50	0	20.99	20.92	21.01			
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.87	23.85	23.86	25	0	
5	QPSK	1	12	23.90	23.82	23.75			
5	QPSK	1	24	23.71	23.71	23.69			
5	QPSK	12	0	22.99	23.07	23.04	24	1	
5	QPSK	12	7	22.98	22.85	22.86			
5	QPSK	12	13	23.07	22.95	22.92			
5	QPSK	25	0	22.94	22.98	22.77	24	1	
5	QPSK	1	0	23.20	23.26	23.16			
5	QPSK	1	12	23.25	23.23	23.00			
5	16QAM	1	24	23.08	23.00	23.15	23	2	
5	16QAM	12	0	21.93	22.01	21.77			
5	16QAM	12	7	21.97	21.88	21.83			
5	16QAM	12	13	22.05	21.85	21.97	23	2	
5	16QAM	25	0	22.06	21.81	21.92			
5	16QAM	1	0	21.60	21.61	21.68			
5	64QAM	1	12	21.62	21.75	21.69	22	3	
5	64QAM	1	24	21.78	21.79	21.84			
5	64QAM	12	0	20.81	20.97	20.99			
5	64QAM	12	7	20.97	20.80	21.02	24	1	
5	64QAM	12	13	20.95	21.01	20.99			
5	64QAM	25	0	21.01	20.95	20.98			
Channel				26705	26865	27035			
Frequency (MHz)				814.7	831.5	848.3			
3	QPSK	1	0	23.85	23.94	23.79	25	0	
3	QPSK	1	8	23.89	23.78	23.71			
3	QPSK	1	14	23.73	23.74	23.70			
3	QPSK	8	0	22.98	23.10	22.99	24	1	
3	QPSK	8	4	22.97	22.84	22.81			
3	QPSK	8	7	22.99	22.93	22.92			
3	QPSK	15	0	22.96	22.99	22.76	24	1	
3	16QAM	1	1	21.94	21.72	23.19			
3	16QAM	1	8	23.20	23.14	23.05			
3	16QAM	1	14	23.15	23.01	23.06	23	2	
3	16QAM	8	0	21.89	21.94	21.76			
3	16QAM	8	4	22.03	21.88	21.86			
3	16QAM	8	7	22.02	21.89	21.90	22	3	
3	16QAM	15	3	22.94	21.82	21.93			
3	64QAM	1	0	21.61	21.66	21.73			
3	64QAM	1	14	21.75	21.73	21.83	24	1	
3	64QAM	8	0	20.83	20.96	21.00			
3	64QAM	8	4	21.00	20.84	21.00			
3	64QAM	8	7	21.01	21.06	21.05	23	2	
3	64QAM	15	3	22.94	20.91	20.95			
3	64QAM	1	0	21.59	21.70	21.63			
Channel				26997	26865	27033			
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.89	23.94	23.74	25	0	
1.4	QPSK	1	3	23.92	23.81	23.77			
1.4	QPSK	1	5	23.76	23.69	23.70			
1.4	QPSK	3	0	23.78	23.87	23.61	24	1	
1.4	QPSK	3	1	23.84	23.66	23.68			
1.4	QPSK	3	3	23.96	23.60	23.73			
1.4	QPSK	3	0	22.94	22.92	22.94	24	1	
1.4	16QAM	1	0	23.20	23.26	23.23			
1.4	16QAM	1	3	23.19	23.17	23.10			
1.4	16QAM	1	5	23.13	23.02	23.07	23	2	
1.4	16QAM	3	0	23.09	23.14	23.18			
1.4	16QAM	3	1	23.09	23.12	23.03			
1.4	16QAM	3	3	22.97	22.91	22.94	23	2	
1.4	16QAM	3	0	22.12	21.89	21.87			
1.4	64QAM	1	0	21.59	21.70	21.63			
1.4	64QAM	1	3	21.59	21.81	21.71	23	2	
1.4	64QAM	1	5	21.75	21.81	21.88			
1.4	64QAM	3	0	21.52	21.59	21.57			
1.4	64QAM	3	3	21.52	21.76	21.50	22	3	
1.4	64QAM	3	3	21.81	21.74	21.80			
1.4	64QAM	6	0	20.91	20.85	21.00			

Band 66_Ant 3												
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)				130272	132322	130572						
20	QPSK	1	0	23.10	23.40	23.30	24.5	0				
20	QPSK	1	49	23.09	23.16	23.33						
20	QPSK	1	99	22.97	23.38	23.34						
20	QPSK	50	0	22.20	22.32	22.28						
20	QPSK	50	24	22.02	22.21	22.20	23.5	1				
20	QPSK	50	50	22.03	22.31	22.05						
20	QPSK	100	0	22.09	22.30	22.27						
20	16QAM	1	0	22.47	22.63	22.50						
20	16QAM	1	49	22.52	22.60	22.76	23.5	1				
20	16QAM	1	99	22.44	22.45	22.66						
20	16QAM	50	0	21.11	21.19	21.43						
20	16QAM	50	24	21.16	21.27	21.49						
20	16QAM	50	50	21.11	21.30	21.50	22.5	2				
20	16QAM	100	0	21.04	21.20	21.44						
20	64QAM	1	0	21.10	21.27	21.18						
20	64QAM	1	49	21.22	21.24	21.21						
20	64QAM	1	99	21.09	21.25	21.45	22.5	2				
20	64QAM	50	0	20.09	20.25	20.45						
20	64QAM	50	24	20.20	20.15	20.41						
20	64QAM	50	50	20.07	20.31	20.51						
20	64QAM	100	0	20.04	20.19	20.48	21.5	3				
Channel												
Frequency (MHz)				130272	132322	130572				Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	23.16	23.29	23.24	24.5	0				
15	QPSK	1	37	22.94	23.04	23.29						
15	QPSK	1	74	22.83	23.30	23.21						
15	QPSK	36	0	22.07	22.26	22.26						
15	QPSK	36	20	21.95	22.25	22.19	23.5	1				
15	QPSK	36	39	21.99	22.26	21.95						
15	QPSK	75	0	21.96	22.31	22.28						
15	16QAM	1	0	22.43	22.62	22.36						
15	16QAM	1	37	22.42	22.58	22.75	23.5	1				
15	16QAM	1	74	22.33	22.41	22.64						
15	16QAM	36	0	21.02	21.13	21.34						
15	16QAM	36	20	21.03	21.13	21.42						
15	16QAM	36	39	21.09	21.24	21.41	22.5	2				
15	16QAM	75	0	20.96	21.07	21.40						
15	64QAM	1	0	21.02	21.25	21.05						
15	64QAM	1	37	21.18	21.21	21.47						
15	64QAM	1	74	20.97	21.20	21.35	22.5	2				
15	64QAM	36	0	20.05	20.24	20.41						
15	64QAM	36	20	20.13	20.12	20.37						
15	64QAM	36	39	20.01	20.24	20.41						
15	64QAM	75	0	19.95	20.13	20.33	21.5	3				
Channel												
Frequency (MHz)				130202	132322	130622				Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	23.11	23.34	23.32	24.5	0				
10	QPSK	1	25	22.94	23.04	23.30						
10	QPSK	1	49	22.86	23.24	23.21						
10	QPSK	25	0	22.07	22.27	22.19						
10	QPSK	25	12	22.01	22.17	22.09	23.5	1				
10	QPSK	25	25	22.01	22.16	21.92						
10	QPSK	50	0	22.07	22.26	22.24						
10	16QAM	1	0	22.41	22.55	22.40						
10	16QAM	1	25	22.39	22.57	22.73	23.5	1				
10	16QAM	1	49	22.30	22.41	22.55						
10	16QAM	25	0	20.99	21.17	21.36						
10	16QAM	25	12	21.14	21.25	21.36						
10	16QAM	25	25	21.04	21.28	21.40	22.5	2				
10	16QAM	50	0	20.96	21.12	21.31						
10	64QAM	1	0	21.01	21.14	21.10						
10	64QAM	1	25	21.08	21.18	21.09						
10	64QAM	1	49	21.00	21.10	21.38	22.5	2				
10	64QAM	25	0	20.00	20.17	20.36						
10	64QAM	25	12	20.19	20.03	20.38						
10	64QAM	25	25	19.97	20.25	20.41						
10	64QAM	50	0	19.92	20.05	20.34	21.5	3				
Channel												
Frequency (MHz)				131997	132322	130647				Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.12	23.25	23.34	24.5	0				
5	QPSK	1	12	22.97	23.03	23.27						
5	QPSK	1	24	22.87	23.36	23.29						
5	QPSK	12	0	22.02	22.23	22.16						
5	QPSK	12	7	22.00	22.08	22.09	23.5	1				
5	QPSK	12	13	22.02	22.29	21.96						
5	QPSK	25	0	22.03	22.35	22.29						
5	16QAM	1	0	22.41	22.49	22.43						
5	16QAM	1	12	22.47	22.49	22.64	23.5	1				
5	16QAM	1	24	22.40	22.35	22.56						
5	16QAM	12	0	20.97	21.17	21.37						
5	16QAM	12	7	21.11	21.14	21.41						
5	16QAM	12	13	21.03	21.25	21.43	22.5	2				
5	16QAM	25	0	20.94	21.08	21.29						
5	64QAM	1	0	20.99	21.19	21.16						
5	64QAM	1	12	21.15	21.11	21.11						
5	64QAM	1	24	21.06	21.14	21.34	22.5	2				
5	64QAM	12	0	19.97	20.22	20.42						
5	64QAM	12	7	20.13	20.08	20.43						
5	64QAM	12	13	19.97	20.28	20.42						
5	64QAM	25	0	19.94	20.11	20.33	21.5	3				
Channel												
Frequency (MHz)				131987	132322	130657				Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	23.18	23.26	23.33	24.5	0				
3	QPSK	1	8	23.07	23.06	23.18						
3	QPSK	1	14	22.89	23.29	23.20						
3	QPSK	8	0	22.01	22.31	22.17						
3	QPSK	8	4	21.93	22.08	22.15	23.5	1				
3	QPSK	8	7	21.99	22.21	22.02						
3	QPSK	15	0	22.00	22.35	22.21						
3	16QAM	1	0	22.37	22.60	22.35						
3	16QAM	1	8	22.42	22.59	22.70	23.5	1				
3	16QAM	1	14	22.30	22.36	22.55						
3	16QAM	8	0	20.96	21.08	21.33						
3	16QAM	8	4	21.09	21.25	21.31						
3	16QAM	8	7	21.10	21.26	21.37	22.5	2				
3	16QAM	15	0	20.89	21.08	21.34						
3	64QAM	1	0	21.03	21.26	21.08						
3	64QAM	1	8	21.09	21.13	21.12						
3	64QAM	1	14	21.02	21.19	21.41	22.5	2				
3	64QAM	8	0	19.95	20.10	20.30						
3	64QAM	8	4	20.18	20.07	20.38						
3	64QAM	8	7	20.03	20.28	20.41						
3	64QAM	15	0	19.99	20.15	20.38	21.5	3				
Channel												
Frequency (MHz)				131979	132322	130665				Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	23.14	23.21	23.20	24.5	0				
1.4	QPSK	1	3	23.04	23.11	23.18						
1.4	QPSK	1	5	22.96	23.36	23.22						
1.4	QPSK	3	0	23.05	23.34	23.07						
1.4	QPSK	3	1	22.92	22.96	23.10	23.5	1				
1.4	QPSK	3	3	22.91	23.35	23.10						
1.4	QPSK	6	0	21.99	22.37	22.31						
1.4	16QAM	1	0	22.42	22.61	22.42						
1.4	16QAM	1	3	22.51	22.55	22.61	23.5	1				
1.4	16QAM	1	5	22.31	22.42	22.52						
1.4	16QAM	3	0	22.30	22.60	22.39						
1.4	16QAM	3	1	22.41	22.40	22.69						
1.4	16QAM	3	3	22.19	22.37	22.37	22.5	2				
1.4	16QAM	6	0	20.99	21.11	21.37						
1.4	64QAM	1	0	21.06	21.16	21.05						
1.4	64QAM	1	3	21.18	21.17	21.10						
1.4	64QAM	1	5	21.00	21.14	21.31	22.5	2				
1.4	64QAM	3	0	20.96	21.04	20.98						
1.4	64QAM	3	1	21.04	21.15	21.01						
1.4	64QAM	3	3	20.92	21.11	21.27						
1.4	64QAM	3	0	19.92	20.11	20.38	21.5	3				

Band 38_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	23.40	23.38	23.35	24.5	0		
20	QPSK	1	49	23.39	23.19	23.31				
20	QPSK	1	99	23.35	23.25	23.29				
20	QPSK	50	0	22.62	22.56	22.55	23.5	1		
20	QPSK	50	24	22.47	22.30	22.50				
20	QPSK	50	50	22.48	22.53	22.33				
20	QPSK	100	0	22.60	22.46	22.50	23.5	1		
20	16QAM	1	0	22.21	22.36	22.40				
20	16QAM	1	49	22.20	22.28	22.30				
20	16QAM	1	99	22.22	22.37	22.10	22.5	2		
20	16QAM	50	0	21.88	21.49	21.47				
20	16QAM	50	24	21.63	21.55	21.74				
20	16QAM	50	50	21.42	21.62	21.63	22.5	2		
20	16QAM	100	0	21.47	21.51	21.33				
20	64QAM	1	0	21.48	21.40	21.35				
20	64QAM	1	49	21.23	21.40	21.41	22.5	2		
20	64QAM	1	99	21.35	21.38	21.25				
20	64QAM	50	0	20.58	20.40	20.42				
20	64QAM	50	24	20.51	20.60	20.69	21.5	3		
20	64QAM	50	50	20.48	20.30	20.57				
20	64QAM	100	0	20.58	20.58	20.55				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	23.35	23.26	23.29	24.5	0		
15	QPSK	1	37	23.25	23.14	23.23				
15	QPSK	1	74	23.29	23.16	23.14				
15	QPSK	36	0	22.57	22.43	22.44	23.5	1		
15	QPSK	36	20	22.40	22.19	22.44				
15	QPSK	36	39	22.42	22.47	22.21				
15	QPSK	75	0	22.48	22.31	22.44	23.5	1		
15	16QAM	1	0	22.06	22.23	22.35				
15	16QAM	1	37	22.12	22.22	22.20				
15	16QAM	1	74	22.12	22.31	22.05	22.5	2		
15	16QAM	36	0	21.56	21.43	21.52				
15	16QAM	36	20	21.54	21.40	21.68				
15	16QAM	36	39	21.38	21.49	21.55	22.5	2		
15	16QAM	75	0	21.40	21.44	21.24				
15	64QAM	1	0	21.37	21.25	21.30				
15	64QAM	1	37	21.08	21.28	21.28	22.5	2		
15	64QAM	1	74	21.23	21.30	21.19				
15	64QAM	36	0	20.50	20.32	20.33				
15	64QAM	36	20	20.42	20.46	20.55	21.5	3		
15	64QAM	36	39	20.43	20.16	20.44				
15	64QAM	75	0	20.45	20.51	20.40				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	23.35	23.25	23.28	24.5	0		
10	QPSK	1	25	23.34	23.04	23.20				
10	QPSK	1	49	23.29	23.13	23.20				
10	QPSK	25	0	22.57	22.46	22.50	23.5	1		
10	QPSK	25	12	22.38	22.25	22.45				
10	QPSK	25	25	22.35	22.42	22.26				
10	QPSK	50	0	22.55	22.39	22.45	23.5	1		
10	16QAM	1	0	22.14	22.27	22.33				
10	16QAM	1	25	22.09	22.23	22.16				
10	16QAM	1	49	22.16	22.28	21.99	22.5	2		
10	16QAM	25	0	21.63	21.34	21.37				
10	16QAM	25	12	21.51	21.41	21.64				
10	16QAM	25	25	21.32	21.49	21.55	22.5	2		
10	16QAM	50	0	21.39	21.42	21.19				
10	64QAM	1	0	21.34	21.30	21.30				
10	64QAM	1	25	21.08	21.35	21.27	22.5	2		
10	64QAM	1	49	21.25	21.24	21.10				
10	64QAM	25	0	20.46	20.32	20.33				
10	64QAM	25	12	20.38	20.51	20.56	21.5	3		
10	64QAM	25	25	20.35	20.21	20.49				
10	64QAM	50	0	20.45	20.51	20.47				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	23.33	23.23	23.29	24.5	0		
5	QPSK	1	12	23.33	23.13	23.22				
5	QPSK	1	24	23.23	23.16	23.22				
5	QPSK	12	0	22.52	22.45	22.45	23.5	1		
5	QPSK	12	7	22.42	22.23	22.39				
5	QPSK	12	13	22.38	22.43	22.22				
5	QPSK	25	0	22.47	22.39	22.45	23.5	1		
5	16QAM	1	0	22.11	22.31	22.25				
5	16QAM	1	12	22.15	22.18	22.17				
5	16QAM	1	24	22.15	22.27	21.98	22.5	2		
5	16QAM	12	0	21.57	21.37	21.39				
5	16QAM	12	7	21.48	21.47	21.66				
5	16QAM	12	13	21.29	21.54	21.55	22.5	2		
5	16QAM	25	0	21.39	21.44	21.22				
5	64QAM	1	0	21.42	21.26	21.27				
5	64QAM	1	12	21.14	21.32	21.30	22.5	2		
5	64QAM	1	24	21.24	21.27	21.16				
5	64QAM	12	0	20.43	20.28	20.31				
5	64QAM	12	7	20.39	20.45	20.64	21.5	3		
5	64QAM	12	13	20.40	20.25	20.42				
5	64QAM	25	0	20.53	20.46	20.46				

Band 38_Ant 3										
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	23.83	23.80	23.77	24.5	0		
20	QPSK	1	49	23.83	23.67	23.72				
20	QPSK	1	99	23.80	23.71	23.70				
20	QPSK	50	0	22.96	22.98	23.05	23.5	1		
20	QPSK	50	24	22.99	22.95	23.04				
20	QPSK	50	50	22.93	22.78	22.88				
20	QPSK	100	0	23.06	22.96	23.04	23.5	1		
20	16QAM	1	0	22.62	23.13	22.65				
20	16QAM	1	49	23.06	23.24	23.29				
20	16QAM	1	99	22.84	22.85	22.53	22.5	2		
20	16QAM	50	0	21.96	21.98	21.96				
20	16QAM	50	24	22.16	21.94	22.19				
20	16QAM	50	50	22.13	21.81	21.96	22.5	2		
20	16QAM	100	0	21.79	21.96	22.10				
20	8QAM	1	0	22.04	21.56	22.10	22.5	2		
20	8QAM	1	49	21.85	22.12	21.75				
20	8QAM	1	99	22.81	22.18	21.52				
20	8QAM	50	0	20.99	21.04	20.65	21.5	3		
20	8QAM	50	24	21.12	21.07	21.09				
20	8QAM	50	50	21.04	20.73	20.94				
20	8QAM	100	0	20.86	20.98	21.00				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	23.69	23.65	23.65	24.5	0		
15	QPSK	1	37	23.71	23.62	23.59				
15	QPSK	1	74	23.72	23.57	23.59				
15	QPSK	36	0	23.02	22.86	22.96	23.5	1		
15	QPSK	36	20	22.92	22.86	22.94				
15	QPSK	36	39	22.87	22.73	22.85				
15	QPSK	75	0	22.93	22.81	22.89	23.5	1		
15	16QAM	1	0	22.60	23.11	22.54				
15	16QAM	1	37	22.91	23.18	21.53				
15	16QAM	1	74	22.73	22.70	22.48	22.5	2		
15	16QAM	36	0	21.82	21.90	21.87				
15	16QAM	36	20	22.03	21.92	22.14				
15	16QAM	36	39	22.00	21.79	21.91	22.5	2		
15	16QAM	75	0	21.70	21.89	21.97				
15	16QAM	1	0	21.95	21.50	22.07				
15	8QAM	1	37	22.91	22.92	21.52	22.5	2		
15	8QAM	1	74	22.07	21.53	21.40				
15	8QAM	36	0	20.97	21.03	20.62				
15	8QAM	36	20	21.01	20.95	20.94	21.5	3		
15	8QAM	36	39	20.94	20.68	20.86				
15	8QAM	75	0	20.80	20.93	20.96				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2615				
10	QPSK	1	0	23.81	23.78	23.73	24.5	0		
10	QPSK	1	25	23.61	23.60	23.68				
10	QPSK	1	49	23.76	23.58	23.66				
10	QPSK	25	0	23.02	22.86	22.92	23.5	1		
10	QPSK	25	12	22.96	22.83	22.90				
10	QPSK	25	25	22.90	22.71	22.79				
10	QPSK	50	0	23.00	22.85	22.89	23.5	1		
10	16QAM	1	0	22.62	23.03	22.55				
10	16QAM	1	25	23.02	23.11	23.20				
10	16QAM	1	49	22.83	22.81	22.47	22.5	2		
10	16QAM	25	0	21.94	21.94	21.82				
10	16QAM	25	12	22.08	21.90	22.17				
10	16QAM	25	25	22.12	21.77	21.89	22.5	2		
10	16QAM	50	0	21.67	21.65	22.03				
10	8QAM	1	0	21.96	21.49	22.05				
10	8QAM	1	25	21.71	22.10	21.65	22.5	2		
10	8QAM	1	49	22.06	21.56	21.57				
10	8QAM	25	0	20.88	20.98	20.53				
10	8QAM	25	12	21.04	20.95	20.97	21.5	3		
10	8QAM	25	25	20.87	20.61	20.88				
10	8QAM	50	0	20.73	20.83	20.59				
Channel				3777.5	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575.5	2595	2617.5				
5	QPSK	1	0	23.77	23.74	23.71	24.5	0		
5	QPSK	1	12	23.50	23.53	23.62				
5	QPSK	1	24	23.77	23.57	23.62				
5	QPSK	12	0	23.03	22.93	23.02	23.5	1		
5	QPSK	12	7	22.94	22.92	22.97				
5	QPSK	12	13	22.91	22.73	22.73				
5	16QAM	1	0	22.55	23.01	22.63	23.5	1		
5	16QAM	1	12	23.00	23.11	23.24				
5	16QAM	1	24	22.81	22.72	22.50				
5	16QAM	12	0	21.88	21.89	21.82	22.5	2		
5	16QAM	12	7	21.67	21.65	22.16				
5	16QAM	12	13	22.02	21.75	21.92				
5	16QAM	25	0	21.77	21.94	22.02	22.5	2		
5	8QAM	1	0	21.99	21.49	22.07				
5	8QAM	1	12	21.75	22.00	21.59				
5	8QAM	1	24	21.92	21.53	21.43	21.5	3		
5	8QAM	12	0	20.84	20.96	20.53				
5	8QAM	12	7	21.11	20.72	21.07				
5	8QAM	12	13	20.96	20.69	20.83	21.5	3		
5	8QAM	25	0	20.77	20.92	20.87				

Band 41_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power 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	23.80	23.70	23.36	23.29	23.35	24.5	0
20	QPSK	1	49	23.74	23.68	23.28	23.17	23.31		
20	QPSK	1	99	23.57	23.51	23.32	23.25	23.29		
20	QPSK	50	0	22.92	22.90	22.50	22.45	22.45	23.5	1
20	QPSK	50	24	22.68	22.53	22.47	22.42	22.38		
20	QPSK	50	50	22.90	22.85	22.43	22.36	22.33		
20	QPSK	100	0	22.89	22.75	22.41	22.26	22.42	23.5	1
20	16QAM	1	0	22.58	22.53	22.63	22.57	22.42		
20	16QAM	1	49	22.92	22.86	22.45	22.31	22.38		
20	16QAM	1	99	22.67	22.56	22.28	22.13	22.45	22.5	2
20	16QAM	50	0	21.87	21.74	21.47	21.36	21.31		
20	16QAM	50	24	21.79	21.71	21.44	21.36	21.34		
20	16QAM	50	50	21.86	21.76	21.36	21.24	21.39	21.5	3
20	16QAM	100	0	21.80	21.70	21.47	21.32	21.30		
20	64QAM	1	0	21.50	21.35	21.41	21.33	21.35		
20	64QAM	1	49	21.42	21.30	21.13	21.04	21.30	22.5	2
20	64QAM	1	99	21.47	21.36	21.19	21.07	21.57		
20	64QAM	50	0	20.70	20.56	20.40	20.26	20.32		
20	64QAM	50	24	20.75	20.68	20.46	20.36	20.33	21.5	3
20	64QAM	50	50	20.78	20.73	20.54	20.41	20.33		
20	64QAM	100	0	20.57	20.53	20.40	20.25	20.39		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2603.5	2648.3	2693	2637.8	2682.5		
15	QPSK	1	0	23.74	23.64	23.31	23.16	23.23	24.5	0
15	QPSK	1	37	23.59	23.59	23.13	23.12	23.26		
15	QPSK	1	74	23.42	23.43	23.21	23.12	23.17		
15	QPSK	36	0	22.82	22.85	22.45	22.45	22.32	23.5	1
15	QPSK	36	20	22.63	22.39	22.38	22.36	22.26		
15	QPSK	36	39	22.77	22.72	22.38	22.24	22.21		
15	QPSK	75	0	22.78	22.64	22.31	22.15	22.40	23.5	1
15	16QAM	1	0	22.48	22.44	22.56	22.56	22.38		
15	16QAM	1	37	22.78	22.78	22.32	22.23	22.31		
15	16QAM	1	74	22.56	22.45	22.20	22.04	22.30	22.5	2
15	16QAM	36	0	21.77	21.60	21.39	21.21	21.29		
15	16QAM	36	20	21.68	21.57	21.37	21.25	21.33		
15	16QAM	36	39	21.73	21.70	21.30	21.13	21.24	21.5	3
15	16QAM	75	0	21.67	21.56	21.32	21.24	21.27		
15	64QAM	1	0	21.43	21.34	21.29	21.21	21.24		
15	64QAM	1	37	21.34	21.21	21.03	21.00	21.18	22.5	2
15	64QAM	1	74	21.33	21.21	21.11	20.97	21.48		
15	64QAM	36	0	20.62	20.51	20.27	20.14	20.31		
15	64QAM	36	20	20.69	20.53	20.41	20.29	20.31	21.5	3
15	64QAM	36	39	20.66	20.61	20.41	20.34	20.32		
15	64QAM	75	0	20.44	20.46	20.33	20.10	20.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.68	23.55	23.30	23.19	23.31	24.5	0
10	QPSK	1	25	23.60	23.55	23.21	23.04	23.24		
10	QPSK	1	49	23.45	23.42	23.19	23.20	23.15		
10	QPSK	25	0	22.77	22.79	22.43	22.35	22.45	23.5	1
10	QPSK	25	12	22.56	22.47	22.33	22.30	22.24		
10	QPSK	25	25	22.83	22.72	22.32	22.27	22.21		
10	QPSK	50	0	22.79	22.65	22.35	22.16	22.27	23.5	1
10	16QAM	1	0	22.45	22.40	22.51	22.42	22.36		
10	16QAM	1	25	22.80	22.73	22.39	22.23	22.31		
10	16QAM	1	49	22.55	22.45	22.14	22.01	22.30	22.5	2
10	16QAM	25	0	21.72	21.65	21.34	21.29	21.16		
10	16QAM	25	12	21.67	21.66	21.38	21.34	21.31		
10	16QAM	25	25	21.73	21.68	21.23	21.21	21.34	22.5	2
10	16QAM	50	0	21.70	21.62	21.37	21.22	21.25		
10	64QAM	1	0	21.36	21.25	21.31	21.29	21.31		
10	64QAM	1	25	21.51	21.20	21.07	20.90	21.16	21.5	3
10	64QAM	1	49	21.34	21.26	21.07	20.85	21.42		
10	64QAM	25	0	20.59	20.47	20.25	20.22	20.19		
10	64QAM	25	12	20.64	20.59	20.40	20.26	20.33	21.5	3
10	64QAM	25	25	20.69	20.62	20.41	20.35	20.31		
10	64QAM	50	0	20.49	20.38	20.35	20.17	20.38		
Channel				39675	40148	40620	41063	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2495.5	2543.2	2593	2640.9	2697.5		
5	QPSK	1	0	23.70	23.56	23.25	23.16	23.34	24.5	0
5	QPSK	1	12	23.64	23.53	23.13	23.10	23.16		
5	QPSK	1	24	23.45	23.39	23.19	23.16	23.16		
5	QPSK	12	0	22.79	22.82	22.38	22.35	22.34	23.5	1
5	QPSK	12	7	22.60	22.47	22.32	22.37	22.28		
5	QPSK	12	13	22.81	22.76	22.30	22.30	22.31		
5	QPSK	25	0	22.76	22.62	22.34	22.16	22.34	23.5	1
5	16QAM	1	0	22.43	22.44	22.53	22.56	22.36		
5	16QAM	1	12	22.80	22.77	22.31	22.19	22.32		
5	16QAM	1	24	22.57	22.45	22.19	22.02	22.35	22.5	2
5	16QAM	12	0	21.78	21.65	21.42	21.27	21.31		
5	16QAM	12	7	21.65	21.66	21.39	21.34	21.24		
5	16QAM	12	13	21.78	21.70	21.30	21.23	21.32	22.5	2
5	16QAM	25	0	21.73	21.56	21.42	21.28	21.17		
5	64QAM	1	0	21.41	21.22	21.27	21.28	21.20		
5	64QAM	1	12	21.31	21.18	21.01	20.89	21.28	22.5	2
5	64QAM	1	24	21.35	21.23	21.05	21.04	21.47		
5	64QAM	12	0	20.63	20.45	20.31	20.14	20.25		
5	64QAM	12	7	20.68	20.55	20.37	20.33	20.30	21.5	3
5	64QAM	12	13	20.73	20.66	20.45	20.31	20.32		
5	64QAM	25	0	20.48	20.40	20.25	20.12	20.24		

Band 41_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power 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	24.13	23.86	23.60	24.10	23.75	24.5	0
20	QPSK	1	49	23.71	23.78	23.87	23.94	23.64		
20	QPSK	1	99	23.68	23.82	23.82	23.86	23.87		
20	QPSK	50	0	23.12	23.07	23.08	23.10	23.10	23.5	1
20	QPSK	50	24	22.75	23.00	23.05	23.06	23.07		
20	QPSK	50	50	22.66	22.89	22.97	22.95	22.66		
20	QPSK	100	0	22.98	22.96	22.97	22.95	22.75	23.5	1
20	16QAM	1	0	22.74	23.10	22.94	22.92	22.85		
20	16QAM	1	49	22.80	22.89	23.24	23.15	22.93		
20	16QAM	1	99	22.87	23.00	22.89	23.29	22.76	22.5	2
20	16QAM	50	0	21.70	21.99	22.00	22.04	21.73		
20	16QAM	50	24	21.95	22.10	22.11	22.05	21.82		
20	16QAM	50	50	21.70	22.00	21.82	21.89	21.70	22.5	2
20	16QAM	100	0	21.65	21.96	22.11	22.00	21.68		
20	64QAM	1	0	21.68	21.79	21.77	21.82	21.70		
20	64QAM	1	49	21.62	22.14	21.65	22.08	22.23	22.5	2
20	64QAM	1	99	21.55	21.90	22.23	22.05	21.68		
20	64QAM	50	0	21.70	21.99	22.00	22.04	21.73	21.5	3
20	64QAM	50	24	21.95	22.10	22.11	22.05	21.82		
20	64QAM	50	50	21.70	22.00	21.82	21.89	21.70		
20	64QAM	100	0	21.69	21.92	22.01	21.94	21.60		
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	23.64	23.77	23.89	24.07	23.73	24.5	0
15	QPSK	1	37	23.65	23.69	23.84	23.88	23.57		
15	QPSK	1	74	23.54	23.62	23.75	23.78	23.66		
15	QPSK	25	0	22.85	22.95	23.08	23.10	22.87	23.5	1
15	QPSK	36	20	22.74	22.94	23.09	23.03	22.68		
15	QPSK	36	39	22.62	22.83	22.87	22.93	22.68		
15	QPSK	75	0	22.65	22.88	22.90	22.99	22.67	23.5	1
15	16QAM	1	0	22.60	22.99	22.92	22.89	22.70		
15	16QAM	1	37	22.68	22.77	23.22	23.12	22.81		
15	16QAM	1	74	22.75	22.85	22.76	22.86	22.74	22.5	2
15	16QAM	36	0	21.68	21.84	21.89	22.03	21.59		
15	16QAM	36	20	21.87	22.02	22.08	22.03	21.75		
15	16QAM	36	39	21.66	21.98	21.81	21.82	21.58	22.5	2
15	16QAM	75	0	21.55	21.90	21.98	21.89	21.58		
15	16QAM	1	0	21.55	21.76	21.64	21.68	21.60	22.5	2
15	64QAM	1	37	21.54	22.00	21.93	21.97	22.16		
15	64QAM	1	74	21.44	22.10	22.10	22.02	21.82		
15	64QAM	36	0	20.65	20.75	20.80	20.92	20.37	21.5	3
15	64QAM	36	20	20.58	20.89	20.93	20.97	20.69		
15	64QAM	36	39	20.60	20.82	20.86	20.84	20.70		
15	64QAM	75	0	20.64	20.90	20.82	21.13	21.54		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.60	23.82	23.88	24.08	23.61	24.5	0
10	QPSK	1	25	23.61	23.84	23.84	23.84	23.60		
10	QPSK	1	49	23.66	23.69	23.77	23.82	23.65		
10	QPSK	25	0	22.68	22.92	23.10	23.13	22.98	23.5	1
10	QPSK	25	12	22.65	22.85	23.06	22.97	22.68		
10	QPSK	25	25	22.59	22.82	22.91	22.81	22.96		
10	QPSK	50	0	22.60	22.91	22.91	22.90	22.61	23.5	1
10	QPSK	50	25	22.66	22.93	22.91	22.94	22.77		
10	QPSK	100	0	22.62	22.83	23.10	23.12	22.87		
10	16QAM	1	49	22.76	22.89	22.79	23.14	22.75	22.5	2
10	16QAM	25	0	21.56	21.84	21.99	22.02	21.67		
10	16QAM	25	12	21.84	22.09	22.00	21.92	21.74		
10	16QAM	25	25	21.60	21.85	21.80	21.75	21.63	22.5	2
10	16QAM	50	0	21.58	21.86	21.98	21.85	21.64		
10	16QAM	50	25	21.67	21.81	21.81	21.81	21.66		
10	64QAM	1	25	21.51	22.11	21.58	22.01	22.16	22.5	2
10	64QAM	1	49	21.43	21.78	22.17	22.04	21.67		
10	64QAM	25	0	20.68	20.77	20.70	20.90	20.37		
10	64QAM	25	12	20.61	20.91	20.98	20.97	20.75	21.5	3
10	64QAM	25	25	20.60	20.81	20.90	20.87	20.69		
10	64QAM	50	0	20.57	20.86	20.79	21.01	20.45		
Channel				39685	40165	40620	26430	26875	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.0	2687.8		
5	QPSK	1	0	23.63	23.73	23.81	23.99	23.72	24.5	0
5	QPSK	1	12	23.67	23.73	23.86	23.82	23.52		
5	QPSK	1	24	23.67	23.71	23.67	23.80	23.66		
5	QPSK	12	0	22.72	22.98	23.02	23.10	23.06	23.5	1
5	QPSK	12	7	22.72	22.89	23.03	22.98	23.05		
5	QPSK	12	13	22.62	22.83	22.91	22.87	22.66		
5	QPSK	25	0	22.67	22.87	22.87	22.95	22.72	23.5	1
5	16QAM	1	0	22.69	23.04	22.79	22.87	22.72		
5	16QAM	1	12	22.66	22.80	23.23	23.02	22.86		
5	16QAM	1	24	22.77	22.92	22.82	23.15	22.73	22.5	2
5	16QAM	12	0	21.56	21.98	21.92	22.00	21.67		
5	16QAM	12	7	21.83	22.07	22.02	21.97	21.79		
5	16QAM	12	13	21.98	21.98	21.76	21.76	21.67	22.5	2
5	64QAM	1	0	21.51	21.94	22.02	21.88	21.84		
5	64QAM	1	0	21.61	21.71	21.64	21.77	21.57		
5	64QAM	1	12	21.52	22.03	21.61	22.07	22.17	22.5	2
5	64QAM	1	24	21.51	21.80	22.19	22.02	21.62		
5	64QAM	12	0	20.58	20.72	20.76	20.82	20.44		
5	64QAM	12	7	20.59	20.97	20.89	20.96	20.69	21.5	3
5	64QAM	12	13	20.61	20.77	20.85	20.78	20.61		
5	8QAM	25	0	20.52	20.59	20.83	21.08	20.49		

Band 41_Ant 4

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												
Frequency (MHz)				39750	40185	40620	41055	41490				
				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	23.67	23.85	23.65	23.65	23.53	24.5	0		
20	QPSK	1	49	23.77	23.84	23.54	23.58	23.42				
20	QPSK	1	99	23.72	23.86	23.54	23.41	23.45				
20	QPSK	50	0	23.04	23.03	22.77	22.80	22.61				
20	QPSK	50	24	22.96	23.01	22.75	22.76	22.53	23.5	1		
20	QPSK	50	50	22.97	22.89	22.60	22.65	22.55				
20	QPSK	100	0	22.98	22.96	22.74	22.64	22.72				
20	16QAM	1	0	22.85	22.83	22.53	22.55	22.52				
20	16QAM	1	49	22.93	22.94	22.50	22.49	22.46	23.5	1		
20	16QAM	1	99	22.63	22.85	22.85	22.58	22.50				
20	16QAM	50	0	21.75	21.85	21.75	21.53	21.62				
20	16QAM	50	24	21.88	21.90	21.71	21.73	21.82				
20	16QAM	50	50	21.77	21.85	21.60	21.55	21.52	22.5	2		
20	16QAM	100	0	21.99	21.95	21.79	21.60	21.55				
20	64QAM	1	0	21.61	21.91	21.85	21.67	21.55				
20	64QAM	1	49	21.92	21.85	21.66	21.53	21.52				
20	64QAM	1	99	21.60	21.95	21.64	21.54	21.61	22.5	2		
20	64QAM	50	0	20.94	20.90	20.81	20.59	20.52				
20	64QAM	50	24	20.78	20.87	20.89	20.83	20.56				
20	64QAM	50	50	20.77	20.85	20.59	20.71	20.64				
20	64QAM	100	0	20.89	20.95	20.79	20.56	20.60	21.5	3		
Channel				39725	40173	40620	41068	41515				
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5				
				23.73	23.76	23.55	23.52	23.42			24.5	0
15	QPSK	1	0	23.73	23.76	23.55	23.52	23.42				
15	QPSK	1	37	23.69	23.73	23.42	23.43	23.33				
15	QPSK	1	74	23.66	23.65	23.51	23.26	23.37				
15	QPSK	36	0	22.92	22.88	22.71	22.70	22.53	23.5	1		
15	QPSK	36	20	22.83	22.90	22.67	22.69	22.44				
15	QPSK	36	39	22.84	22.77	22.45	22.62	22.51				
15	QPSK	75	0	22.93	22.95	22.73	22.63	22.65				
15	16QAM	1	0	22.73	22.71	22.52	22.41	22.41	23.5	1		
15	16QAM	1	37	22.90	22.81	22.35	22.45	22.31				
15	16QAM	1	74	22.56	22.76	22.83	22.56	22.42				
15	16QAM	36	0	21.64	21.82	21.72	21.39	21.50				
15	16QAM	36	20	21.86	21.80	21.70	21.72	21.73	22.5	2		
15	16QAM	36	39	21.69	21.82	21.47	21.50	21.41				
15	16QAM	75	0	21.94	21.81	21.71	21.46	21.40				
15	64QAM	1	0	21.59	21.76	21.78	21.56	21.44				
15	64QAM	1	37	21.91	21.70	21.54	21.46	21.40	22.5	2		
15	64QAM	1	74	21.56	21.82	21.49	21.46	21.60				
15	64QAM	36	0	20.82	20.81	20.79	20.45	20.50				
15	64QAM	36	20	20.71	20.75	20.77	20.73	20.43				
15	64QAM	36	39	20.67	20.73	20.50	20.58	20.53	21.5	3		
15	64QAM	75	0	20.79	20.92	20.65	20.50	20.52				
Channel												
Frequency (MHz)				39700	40160	40620	41080	41540	Tune-up limit (dbm)	MPR (db)		
				2501	2547	2593	2639	2685				
10	QPSK	1	0	23.75	23.70	23.53	23.55	23.42	24.5	0		
10	QPSK	1	25	23.71	23.81	23.50	23.50	23.28				
10	QPSK	1	49	23.62	23.55	23.47	23.39	23.38				
10	QPSK	25	0	23.01	22.95	22.66	22.73	22.60				
10	QPSK	25	12	22.82	22.99	22.63	22.75	22.42	23.5	1		
10	QPSK	25	25	22.84	22.77	22.57	22.60	22.43				
10	QPSK	50	0	22.90	22.81	22.66	22.53	22.60				
10	16QAM	1	0	22.78	22.80	22.46	22.45	22.42				
10	16QAM	1	25	22.86	22.93	22.36	22.43	22.39	23.5	1		
10	16QAM	1	49	22.52	22.71	22.70	22.52	22.49				
10	16QAM	25	0	21.64	21.78	21.71	21.43	21.52				
10	16QAM	25	12	21.84	21.87	21.69	21.68	21.70				
10	16QAM	25	25	21.70	21.77	21.50	21.43	21.48	22.5	2		
10	16QAM	50	0	21.85	21.86	21.73	21.47	21.44				
10	64QAM	1	0	21.56	21.81	21.82	21.65	21.50				
10	64QAM	1	25	21.83	21.74	21.65	21.47	21.37				
10	64QAM	1	49	21.59	21.86	21.63	21.53	21.48	22.5	2		
10	64QAM	25	0	20.83	20.80	20.79	20.48	20.50				
10	64QAM	25	12	20.66	20.85	20.80	20.82	20.45				
10	64QAM	25	25	20.62	20.76	20.50	20.62	20.50				
10	64QAM	50	0	20.79	20.87	20.78	20.50	20.52	21.5	3		
Channel				39675	40148	40620	41093	41555				
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5				
				23.84	23.74	23.57	23.58	23.46			24.5	0
5	QPSK	1	0	23.84	23.74	23.57	23.58	23.46				
5	QPSK	1	12	23.67	23.82	23.40	23.48	23.28				
5	QPSK	1	24	23.65	23.56	23.48	23.28	23.38				
5	QPSK	12	0	22.94	22.98	22.66	22.69	22.60	23.5	1		
5	QPSK	12	7	22.94	22.89	22.67	22.73	22.43				
5	QPSK	12	13	22.86	22.74	22.45	22.61	22.41				
5	QPSK	25	0	22.95	22.92	22.71	22.55	22.68				
5	16QAM	1	0	22.73	22.76	22.43	22.44	22.40	23.5	1		
5	16QAM	1	12	22.83	22.93	22.37	22.44	22.38				
5	16QAM	1	24	22.52	22.71	22.83	22.53	22.39				
5	16QAM	12	0	21.64	21.73	21.62	21.46	21.50				
5	16QAM	12	7	21.83	21.87	21.76	21.72	21.77	22.5	2		
5	16QAM	12	13	21.73	21.75	21.47	21.51	21.48				
5	16QAM	25	0	21.87	21.87	21.73	21.45	21.41				
5	64QAM	1	0	21.51	21.76	21.70	21.55	21.51				
5	64QAM	1	12	21.77	21.81	21.59	21.48	21.51	22.5	2		
5	64QAM	1	24	21.52	21.89	21.63	21.44	21.53				
5	64QAM	12	0	20.89	20.78	20.77	20.50	20.47				
5	64QAM	12	7	20.75	20.85	20.79	20.73	20.41				
5	64QAM	12	13	20.72	20.78	20.46	20.61	20.57	21.5	3		
5	64QAM	25	0	20.74	20.96	20.70	20.50	20.49				

Band 48_Ant 3

Band 48_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)
Channel									
Frequency (MHz)				55340	55830	56150	56640		
				3560	3609	3641	3690		
20	QPSK	1	0	23.85	24.26	24.23	24.23		
20	QPSK	1	49	23.87	24.19	24.20	24.19	24.5	0
20	QPSK	1	99	23.85	23.96	24.22	24.20		
20	QPSK	50	0	23.05	23.42	23.41	23.39		
20	QPSK	50	24	22.98	23.36	23.36	23.36	23.5	1
20	QPSK	50	50	23.00	23.23	23.40	23.23		
20	QPSK	100	0	22.97	23.39	23.36	23.32		
20	16QAM	1	0	22.92	23.12	23.20	23.12	23.5	1
20	16QAM	1	49	22.95	23.24	23.25	23.24		
20	16QAM	1	99	22.90	23.19	23.28	23.19		
20	16QAM	50	0	21.95	22.23	22.31	22.23		
20	16QAM	50	24	21.99	22.33	22.34	22.33	22.5	2
20	16QAM	50	50	22.02	22.31	22.38	22.21		
20	16QAM	100	0	21.96	22.29	22.35	22.29		
20	64QAM	1	0	21.79	22.03	22.17	22.03	22.5	2
20	64QAM	1	49	21.81	22.21	22.16	22.21		
20	64QAM	1	99	21.77	22.13	22.14	22.23		
20	64QAM	50	0	20.98	21.15	21.36	21.15		
20	64QAM	50	24	20.97	21.34	21.37	21.34	21.5	3
20	64QAM	50	50	20.96	21.34	21.33	21.34		
20	64QAM	100	0	20.96	21.28	21.31	21.28		
Channel									
Frequency (MHz)				55315	55820	56160	56665	Tune-up limit (dbm)	MPR (dB)
				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.77	24.02	24.14	23.98	24.5	0
15	QPSK	1	37	23.78	24.12	24.12	24.08		
15	QPSK	1	74	23.80	24.11	24.22	24.21		
15	QPSK	36	0	22.91	23.14	23.35	23.14		
15	QPSK	36	20	22.88	23.27	23.25	23.28	23.5	1
15	QPSK	36	39	22.98	23.25	23.32	23.24		
15	QPSK	75	0	22.89	23.26	23.26	23.25		
15	16QAM	1	0	22.77	23.05	23.20	23.05	23.5	1
15	16QAM	1	37	22.81	23.11	23.25	23.14		
15	16QAM	1	74	22.76	23.11	23.20	23.09		
15	16QAM	36	0	21.89	22.15	22.23	22.09		
15	16QAM	36	20	21.86	22.20	22.34	22.28	22.5	2
15	16QAM	36	39	21.96	22.19	22.27	22.21		
15	16QAM	75	0	21.90	22.16	22.22	22.18		
15	64QAM	1	0	21.64	21.90	22.07	21.90	22.5	2
15	64QAM	1	37	21.71	22.07	22.05	22.06		
15	64QAM	1	74	21.70	22.02	22.10	22.10		
15	64QAM	36	0	20.85	21.07	21.34	21.06		
15	64QAM	36	20	20.92	21.21	21.24	21.28	21.5	3
15	64QAM	36	39	20.85	21.24	21.25	21.21		
15	64QAM	75	0	20.90	21.20	21.26	21.14		
Channel									
Frequency (MHz)				55290	55815	56165	56690	Tune-up limit (dbm)	MPR (dB)
				3565	3607.5	3642.5	3695		
10	QPSK	1	0	23.76	24.05	24.09	24.09	24.5	0
10	QPSK	1	25	23.78	24.06	24.10	24.13		
10	QPSK	1	49	23.76	24.11	24.20	24.20		
10	QPSK	25	0	22.89	23.08	23.34	23.14		
10	QPSK	25	12	22.89	23.28	23.30	23.24	23.5	1
10	QPSK	25	25	22.95	23.28	23.36	23.29		
10	QPSK	50	0	22.88	23.24	23.31	23.20		
10	QPSK	50	12	22.86	23.02	23.21	23.08	23.5	1
10	QPSK	1	25	22.81	23.13	23.15	23.19		
10	16QAM	1	49	22.78	23.08	23.27	23.09		
10	16QAM	25	0	21.90	22.17	22.18	22.15		
10	16QAM	25	12	21.89	22.18	22.23	22.21	22.5	2
10	16QAM	25	25	21.96	22.21	22.33	22.22		
10	16QAM	50	0	21.91	22.24	22.21	22.16		
10	16QAM	50	12	21.90	22.15	22.22	22.18	22.5	2
10	64QAM	1	25	21.71	22.09	22.05	22.12	22.5	2
10	64QAM	1	49	21.64	22.07	22.11	22.12		
10	64QAM	25	0	20.90	21.01	21.31	21.08		
10	64QAM	25	12	20.87	21.19	21.32	21.21	21.5	3
10	64QAM	25	25	20.88	21.26	21.30	21.21		
10	64QAM	50	0	20.85	21.07	21.27	21.18		
Channel									
Frequency (MHz)				5525.5	5587	5643	5697.5	Tune-up limit (dbm)	MPR (dB)
5	QPSK	1	0	23.78	24.09	24.15	24.05	24.5	0
5	QPSK	1	12	23.77	24.13	24.16	24.14		
5	QPSK	1	24	23.76	24.15	24.20	24.15		
5	QPSK	12	0	22.91	23.08	23.30	23.20	23.5	1
5	QPSK	12	7	22.90	23.22	23.32	23.32		
5	QPSK	12	13	22.91	23.28	23.28	23.32		
5	QPSK	25	0	22.85	23.02	23.29	23.18		
5	16QAM	1	0	22.82	23.02	23.13	23.01	23.5	1
5	16QAM	1	12	22.82	23.13	23.21	23.22		
5	16QAM	1	24	22.81	23.10	23.15	23.15		
5	16QAM	12	0	21.86	22.17	22.31	22.13	22.5	2
5	16QAM	12	7	21.89	22.23	22.33	22.28		
5	16QAM	12	13	21.93	22.22	22.32	22.18		
5	16QAM	25	0	21.87	22.07	22.22	22.09	22.5	2
5	64QAM	1	12	21.70	21.95	22.09	21.96		
5	64QAM	1	24	21.72	22.08	22.16	22.12	22.5	2
5	64QAM	12	0	20.88	21.00	21.33	21.01		
5	64QAM	12	7	20.86	21.23	21.22	21.21	21.5	3
5	64QAM	12	13	20.95	21.28	21.27	21.23		
5	64QAM	25	0	20.81	21.18	21.21	21.15		

Band 48_Ant 5										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				55340	55830	56150	56640			
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	22.05	22.82	22.67	22.82	23.5	0	
20	QPSK	1	49	22.57	22.74	22.59	22.52			
20	QPSK	1	99	22.51	22.68	22.52	22.46			
20	QPSK	50	0	21.79	22.01	21.83	21.80	22.5	1	
20	QPSK	50	24	21.72	21.91	21.75	21.70			
20	QPSK	50	50	21.65	21.81	21.68	21.66			
20	QPSK	100	0	21.70	21.82	21.69	21.63	22.5	1	
20	16QAM	1	0	21.63	21.80	21.66	21.50			
20	16QAM	1	49	21.68	21.84	21.67	21.60			
20	16QAM	1	99	21.56	21.68	21.55	21.52	21.5	2	
20	16QAM	50	0	20.77	20.94	20.78	20.71			
20	16QAM	50	24	20.65	20.85	20.68	20.66			
20	16QAM	50	50	20.64	20.77	20.63	20.60	21.5	2	
20	16QAM	100	0	20.64	20.81	20.63	20.58			
20	64QAM	1	0	20.55	20.77	20.59	20.52			
20	64QAM	1	49	20.62	20.78	20.63	20.58	21.5	2	
20	64QAM	1	99	20.41	20.59	20.44	20.40			
20	64QAM	50	0	19.75	19.93	19.75	19.69			
20	64QAM	50	24	19.63	19.83	19.67	19.64	20.5	3	
20	64QAM	50	50	19.62	19.79	19.63	19.60			
20	64QAM	100	0	19.64	19.80	19.65	19.59			
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3557.5	3608	3642	3692.5			
15	QPSK	1	0	22.74	22.54	22.59	22.49	23.5	0	
15	QPSK	1	37	22.61	22.51	22.47	22.40			
15	QPSK	1	74	22.60	22.46	22.52	22.43			
15	QPSK	36	0	21.59	21.71	21.72	21.80	22.5	1	
15	QPSK	36	20	21.83	21.61	21.71	21.64			
15	QPSK	36	39	21.76	21.53	21.59	21.56			
15	QPSK	75	0	21.72	21.57	21.62	21.48	22.5	1	
15	16QAM	1	0	21.70	21.49	21.54	21.51			
15	16QAM	1	37	21.74	21.62	21.54	21.56			
15	16QAM	1	74	21.61	21.46	21.49	21.48	21.5	2	
15	16QAM	36	0	20.89	20.66	20.63	20.62			
15	16QAM	36	20	20.77	20.52	20.56	20.64			
15	16QAM	36	39	20.65	20.49	20.55	20.59	20.5	3	
15	16QAM	75	0	20.66	20.59	20.63	20.54			
15	64QAM	1	0	20.68	20.43	20.55	20.47			
15	64QAM	1	37	20.70	20.53	20.56	20.44	21.5	2	
15	64QAM	1	74	20.48	20.33	20.44	20.35			
15	64QAM	36	0	19.84	19.60	19.62	19.55			
15	64QAM	36	20	19.70	19.48	19.55	19.64	20.5	3	
15	64QAM	36	39	19.65	19.57	19.52	19.48			
15	64QAM	75	0	19.72	19.53	19.55	19.47			
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3555	3607.5	3642.5	3695			
10	QPSK	1	0	22.76	22.54	22.66	22.52	23.5	0	
10	QPSK	1	25	22.59	22.42	22.47	22.45			
10	QPSK	1	49	22.57	22.41	22.52	22.41			
10	QPSK	25	0	21.79	21.69	21.79	21.73	22.5	1	
10	QPSK	25	12	21.78	21.58	21.69	21.55			
10	QPSK	25	25	21.72	21.52	21.57	21.64			
10	QPSK	50	0	21.68	21.65	21.58	21.54	22.5	1	
10	16QAM	1	0	21.74	21.48	21.61	21.50			
10	16QAM	1	25	21.74	21.59	21.54	21.57			
10	16QAM	1	49	21.58	21.41	21.43	21.50	21.5	2	
10	16QAM	25	0	20.81	20.64	20.74	20.60			
10	16QAM	25	12	20.75	20.53	20.57	20.63			
10	16QAM	25	25	20.64	20.51	20.49	20.56	21.5	2	
10	16QAM	50	0	20.68	20.49	20.58	20.47			
10	64QAM	1	0	20.66	20.41	20.57	20.46			
10	64QAM	1	25	20.67	20.50	20.61	20.55	21.5	2	
10	64QAM	1	49	20.46	20.34	20.37	20.38			
10	64QAM	25	0	19.75	19.66	19.66	19.67			
10	64QAM	25	12	19.73	19.51	19.65	19.59	20.5	3	
10	64QAM	25	25	19.68	19.49	19.63	19.49			
10	64QAM	50	0	19.73	19.55	19.56	19.44			
Channel				55285	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3552.5	3607	3643	3697.5			
5	QPSK	1	0	22.61	22.51	22.57	22.50	23.5	0	
5	QPSK	1	12	22.69	22.51	22.55	22.49			
5	QPSK	1	24	22.59	22.37	22.49	22.31			
5	QPSK	12	0	21.79	21.70	21.79	21.77	22.5	1	
5	QPSK	12	7	21.85	21.61	21.71	21.61			
5	QPSK	12	13	21.71	21.56	21.53	21.66			
5	QPSK	25	0	21.77	21.61	21.55	21.60	22.5	1	
5	16QAM	1	0	21.71	21.58	21.59	21.55			
5	16QAM	1	12	21.75	21.54	21.52	21.56			
5	16QAM	1	24	21.57	21.51	21.51	21.49	21.5	2	
5	16QAM	12	0	20.84	20.63	20.63	20.57			
5	16QAM	12	7	20.80	20.57	20.64	20.55			
5	16QAM	12	13	20.72	20.57	20.54	20.54	20.5	2	
5	16QAM	25	0	20.68	20.57	20.52	20.49			
5	64QAM	1	0	20.64	20.48	20.56	20.52			
5	64QAM	1	12	20.65	20.53	20.53	20.49	21.5	2	
5	64QAM	1	24	20.51	20.31	20.39	20.39			
5	64QAM	12	0	19.86	19.66	19.73	19.60			
5	64QAM	12	7	19.73	19.51	19.65	19.49	20.5	3	
5	64QAM	12	13	19.74	19.53	19.60	19.48			
5	64QAM	25	0	19.71	19.56	19.63	19.54			

Band 48_Ant 6													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				55340	55830	56150	56640						
Frequency (MHz)				3560	3609	3641	3690						
20	QPSK	1	0	21.68	21.98	21.50	21.51	22.5	0				
20	QPSK	1	49	21.66	21.94	21.88	21.88						
20	QPSK	1	99	21.64	21.89	21.83	21.82						
20	QPSK	50	0	20.88	21.11	21.04	21.05	21.5	1				
20	QPSK	50	24	20.81	21.07	21.02	21.01						
20	QPSK	50	50	20.84	21.09	21.02	21.01						
20	QPSK	100	0	20.77	21.07	21.03	21.01	21.5	1				
20	16QAM	1	0	20.71	20.96	20.90	20.89						
20	16QAM	1	49	20.75	21.03	20.99	20.98						
20	16QAM	1	99	20.65	20.95	20.87	20.90	20.5	2				
20	16QAM	50	0	19.79	20.02	19.96	20.00						
20	16QAM	50	24	19.84	20.09	20.02	20.01						
20	16QAM	50	50	19.77	20.07	20.03	20.03	20.5	2				
20	16QAM	100	0	19.79	20.04	19.98	19.97						
20	64QAM	1	0	19.59	19.84	19.78	19.80						
20	64QAM	1	49	19.63	19.92	19.84	19.89	20.5	2				
20	64QAM	1	99	19.58	19.88	19.82	19.81						
20	64QAM	50	0	19.77	19.97	19.87	19.86	19.5	3				
20	64QAM	50	24	19.78	19.05	19.02	19.98						
20	64QAM	50	50	19.87	19.07	18.99	19.00						
20	64QAM	100	0	18.81	19.06	18.98	19.03	21.5	0				
Channel				55315	55820	56160	56655				Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5						
15	QPSK	1	0	21.54	21.78	21.82	21.86	22.5	0				
15	QPSK	1	37	21.60	21.79	21.89	21.96						
15	QPSK	1	74	21.54	21.76	21.89	21.87						
15	QPSK	36	0	20.76	20.93	20.88	20.94	21.5	1				
15	QPSK	36	20	20.76	20.93	20.89	21.01						
15	QPSK	36	39	20.74	20.91	20.93	20.96						
15	QPSK	75	0	20.72	20.89	21.03	20.99	20.5	1				
15	16QAM	1	0	20.65	20.79	20.88	20.92						
15	16QAM	1	37	20.67	20.86	20.95	20.96						
15	16QAM	1	74	20.56	20.72	20.77	20.76	20.5	2				
15	16QAM	36	0	19.73	19.93	19.86	19.89						
15	16QAM	36	20	19.74	19.88	20.01	19.95						
15	16QAM	36	39	19.69	19.96	20.01	20.04	20.5	2				
15	16QAM	75	0	19.69	19.86	19.88	19.92						
15	64QAM	1	0	19.47	19.65	19.66	19.70						
15	64QAM	1	37	19.54	19.74	19.89	19.91	20.5	2				
15	64QAM	1	74	19.44	19.70	19.74	19.78						
15	64QAM	36	0	18.67	18.81	18.85	19.02						
15	64QAM	36	20	18.73	18.89	19.00	19.02	19.5	3				
15	64QAM	36	39	18.67	18.90	18.89	19.06						
15	64QAM	75	0	18.71	18.89	18.84	18.92						
Channel				55290	55815	56165	56690	Tune-up limit (dBm)		MPR (dB)			
Frequency (MHz)				3555	3607.5	3642.5	3695						
10	QPSK	1	0	21.52	21.77	21.75	21.87	22.5	0				
10	QPSK	1	25	21.38	21.61	21.76	21.80						
10	QPSK	1	49	21.56	21.08	21.83	21.84						
10	QPSK	25	0	20.66	20.89	20.98	21.06	21.5	1				
10	QPSK	25	12	20.70	20.94	20.89	21.03						
10	QPSK	25	25	20.77	20.87	20.94	21.09						
10	QPSK	50	0	20.67	20.93	20.89	21.03	21.5	1				
10	16QAM	1	0	20.59	20.74	20.85	20.90						
10	16QAM	1	25	20.60	20.87	20.94	21.03						
10	16QAM	1	49	20.57	20.83	20.85	20.93	20.5	2				
10	16QAM	25	0	19.65	19.89	19.88	20.00						
10	16QAM	25	12	19.79	19.96	19.99	19.98						
10	16QAM	25	25	19.68	19.91	20.01	19.94	20.5	2				
10	16QAM	50	0	19.73	19.84	19.94	19.96						
10	16QAM	1	0	19.45	19.59	19.63	19.65						
10	64QAM	1	25	19.53	19.74	19.78	19.89	19.5	3				
10	64QAM	1	49	19.43	19.69	19.82	19.82						
10	64QAM	25	0	18.71	18.82	18.91	18.90						
10	64QAM	25	12	18.68	18.92	18.93	18.96	20.5	2				
10	64QAM	25	25	18.64	18.91	18.91	18.95						
10	64QAM	50	0	18.69	18.94	18.93	19.06						
Channel				55255	55810	56170	56675	Tune-up limit (dBm)		MPR (dB)			
Frequency (MHz)				3562.5	3607	3643	3697.5						
5	QPSK	1	0	21.60	21.76	21.84	21.83	22.5	0				
5	QPSK	1	12	21.60	21.83	21.87	21.88						
5	QPSK	1	24	21.49	21.77	21.74	21.85						
5	QPSK	12	0	20.66	20.83	20.88	21.07	21.5	1				
5	QPSK	12	7	20.70	20.90	20.97	21.09						
5	QPSK	12	13	20.77	20.86	21.02	20.99						
5	QPSK	25	0	20.68	20.89	20.93	20.90	21.5	1				
5	16QAM	1	0	20.65	20.76	20.82	20.88						
5	16QAM	1	12	20.68	20.89	20.85	20.90						
5	16QAM	1	24	20.53	20.75	20.84	20.86	20.5	2				
5	16QAM	12	0	19.71	19.87	19.81	20.04						
5	16QAM	12	7	19.73	19.90	19.90	19.95						
5	16QAM	12	13	19.66	19.96	19.96	19.95	20.5	2				
5	16QAM	25	0	19.72	19.98	19.98	19.94						
5	64QAM	1	0	19.50	19.69	19.76	19.71						
5	64QAM	1	12	19.49	19.82	19.81	19.92	20.5	2				
5	64QAM	1	24	19.44	19.74	19.75	19.76						
5	64QAM	12	0	18.40	18.86	18.97	18.88						
5	64QAM	12	7	18.40	18.83	18.99	18.92	19.5	3				
5	64QAM	12	13	18.40	18.86	18.95	19.00						
5	64QAM	25	0	18.46	18.89	18.87	19.04						

Reduced Power Mode for DSI 5

GSM850_Ant 0				Burst Average Power (dBm)				Frame Average Power (dBm)				Tune-up Limit (dBm)	
TX Channel		128	189	251	Tune-up Limit (dBm)		128	189	251	Tune-up Limit (dBm)		Tune-up Limit (dBm)	
Frequency (MHz)		824.2	836.4	848.8	Tune-up Limit (dBm)		824.2	836.4	848.8	Tune-up Limit (dBm)		Tune-up Limit (dBm)	
GSM 1 Tx slot		32.47	32.15	32.44	33.50		23.47	23.15	23.44	24.50		24.50	
GPRS 1 Tx slot		32.45	32.12	32.47	33.50		23.45	23.12	23.47	24.50		24.50	
GPRS 2 Tx slots		29.20	29.26	29.31	30.50		23.20	23.26	23.31	24.50		24.50	
GPRS 3 Tx slots		27.52	27.46	27.45	28.70		23.26	23.20	23.19	24.44		24.44	
GPRS 4 Tx slots		25.86	25.68	25.87	27.50		22.86	22.68	22.87	24.50		24.50	
EDGE 1 Tx slot		26.14	26.27	26.10	28.00		17.14	17.27	17.10	19.00		19.00	
EDGE 2 Tx slots		23.54	23.68	23.60	25.00		17.54	17.68	17.60	19.00		19.00	
EDGE 3 Tx slots		21.85	21.91	21.84	23.20		17.59	17.65	17.58	18.94		18.94	
EDGE 4 Tx slots		21.51	21.67	21.54	22.00		16.51	16.67	16.54	19.00		19.00	

GSM1800_Ant 2				Burst Average Power (dBm)				Frame Average Power (dBm)				Tune-up Limit (dBm)	
TX Channel		512	661	810	Tune-up Limit (dBm)		512	661	810	Tune-up Limit (dBm)		Tune-up Limit (dBm)	
Frequency (MHz)		1852.2	1860	1869.8	Tune-up Limit (dBm)		1852.2	1860	1869.8	Tune-up Limit (dBm)		Tune-up Limit (dBm)	
GSM 1 Tx slot		29.02	29.08	29.13	30.50		20.02	20.06	20.13	21.50		21.50	
GPRS 1 Tx slot		29.21	29.01	29.15	30.50		20.21	20.01	20.15	21.50		21.50	
GPRS 2 Tx slots		25.79	26.17	26.09	27.50		19.79	20.17	20.09	21.50		21.50	
GPRS 3 Tx slots		24.42	24.30	24.51	25.70		20.16	20.04	20.25	21.44		21.44	
GPRS 4 Tx slots		23.96	23.11	23.32	24.50		19.96	20.11	20.32	21.50		21.50	
EDGE 1 Tx slot		25.36	25.17	25.45	27.00		16.36	16.17	16.45	18.00		18.00	
EDGE 2 Tx slots		22.91	22.63	22.87	24.00		16.91	16.63	16.87	18.00		18.00	
EDGE 3 Tx slots		21.28	20.97	21.18	22.20		17.02	16.71	16.92	17.94		17.94	
EDGE 4 Tx slots		20.67	20.58	20.73	21.00		17.67	17.58	17.73	18.00		18.00	

GSM1800_Ant 4				Burst Average Power (dBm)				Frame Average Power (dBm)				Tune-up Limit (dBm)	
TX Channel		512	661	810	Tune-up Limit (dBm)		512	661	810	Tune-up Limit (dBm)		Tune-up Limit (dBm)	
Frequency (MHz)		1850.2	1860	1869.8	Tune-up Limit (dBm)		1850.2	1860	1869.8	Tune-up Limit (dBm)		Tune-up Limit (dBm)	
GSM 1 Tx slot		26.26	26.10	26.45	28.00		17.26	17.19	17.45	19.00		19.00	
GPRS 1 Tx slot		26.30	26.10	26.40	28.00		17.30	17.10	17.40	19.00		19.00	
GPRS 2 Tx slots		23.10	23.05	23.20	25.00		17.10	17.05	17.20	19.00		19.00	
GPRS 3 Tx slots		21.35	21.32	21.50	23.20		17.09	17.06	17.24	18.94		18.94	
GPRS 4 Tx slots		20.22	20.15	20.32	22.00		17.22	17.15	17.32	19.00		19.00	
EDGE 1 Tx slot		25.25	25.06	25.12	27.00		16.25	16.06	16.12	18.00		18.00	
EDGE 2 Tx slots		22.21	22.12	22.15	24.00		16.21	16.12	16.15	18.00		18.00	
EDGE 3 Tx slots		20.70	20.23	20.63	22.20		16.44	15.97	16.37	17.94		17.94	
EDGE 4 Tx slots		20.25	19.91	20.22	21.00		17.25	16.91	17.22	18.00		18.00	

Band				WCDMA U_Ant 2				WCDMA U_Ant 3				Tune-up Limit (dBm)	
TX Channel		9262	9400	9538	Tune-up Limit (dBm)		1312	1413	1513	Tune-up Limit (dBm)		Tune-up Limit (dBm)	
Rx Channel		9662	9800	9938	Tune-up Limit (dBm)		1537	1638	1738	Tune-up Limit (dBm)		Tune-up Limit (dBm)	
Frequency (MHz)		1852.4	1860	1867.6	Tune-up Limit (dBm)		1712.4	1725.6	1752.6	Tune-up Limit (dBm)		Tune-up Limit (dBm)	
3GPP Rel 99 AMR 12.2Kbps		24.31	24.35	24.28	25.00		24.12	24.25	24.16	25.00		25.00	
3GPP Rel 99 RMC 12.2Kbps		24.36	24.62	24.38	25.00		24.24	24.67	24.17	25.00		25.00	
3GPP Rel 6 HSDPA Subtest-1		23.67	23.35	23.28	24.00		23.17	23.12	23.04	24.00		24.00	
3GPP Rel 6 HSDPA Subtest-2		23.47	23.34	23.19	24.00		23.08	23.18	23.09	24.00		24.00	
3GPP Rel 6 HSDPA Subtest-3		23.01	22.84	22.79	23.50		22.52	22.61	22.60	23.50		23.50	
3GPP Rel 6 HSDPA Subtest-4		22.88	22.85	22.67	23.50		22.68	22.35	22.63	23.50		23.50	
3GPP Rel 6 DC-HSDPA Subtest-1		23.49	23.32	23.11	24.00		23.05	23.07	22.93	24.00		24.00	
3GPP Rel 6 DC-HSDPA Subtest-2		23.35	23.24	23.14	24.00		22.96	23.03	22.94	24.00		24.00	
3GPP Rel 6 DC-HSDPA Subtest-3		22.96	22.82	22.55	23.50		22.48	22.58	22.48	23.50		23.50	
3GPP Rel 6 DC-HSDPA Subtest-4		22.91	22.76	22.59	23.50		22.58	22.19	22.52	23.50		23.50	
3GPP Rel 6 HSUPA Subtest-1		23.44	23.38	23.26	24.00		23.06	23.06	23.04	24.00		24.00	
3GPP Rel 6 HSUPA Subtest-2		21.56	21.40	21.33	22.00		21.07	21.16	21.08	22.00		22.00	
3GPP Rel 6 HSUPA Subtest-3		22.45	22.43	22.33	23.00		22.07	22.01	22.00	23.00		23.00	
3GPP Rel 6 HSUPA Subtest-4		21.45	21.44	21.26	22.00		21.14	21.13	21.02	22.00		22.00	
3GPP Rel 6 HSUPA Subtest-5		22.46	22.44	22.28	24.00		23.06	23.06	23.14	24.00		24.00	
3GPP Rel 7 HSPA+ (16QAM) Subtest-1		23.31	23.39	23.36	24.00		22.21	22.26	22.24	24.00		24.00	

Band		WCDMA U_Ant 4				WCDMA U_Ant 5			
TX Channel		9262	9400	9538	Tune-up Limit (dBm)	1312	1413	1513	Tune-up Limit (dBm)
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1860	1867.6		1712.4	1725.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.42	16.32	16.34	17.50	16.97	17.18	17.07	18.00
3GPP Rel 99	RMC 12.2Kbps	16.40	16.49	16.42	17.50	17.20	17.25	17.15	18.00
3GPP Rel 6	HSDPA Subtest-1	15.46	15.43	15.42	16.50	16.16	16.07	15.91	17.00
3GPP Rel 6	HSDPA Subtest-2	15.41	15.21	15.39	16.50	15.96	16.13	16.02	17.00
3GPP Rel 6	HSDPA Subtest-3	14.90	14.95	14.90	16.00	15.40	15.53	15.60	16.50
3GPP Rel 6	HSDPA Subtest-4	14.96	14.76	14.81	16.00	15.57	15.32	15.54	16.50
3GPP Rel 6	DC-HSDPA Subtest-1	15.40	15.49	15.31	16.50	15.98	16.04	15.83	17.00
3GPP Rel 6	DC-HSDPA Subtest-2	15.29	15.05	15.24	16.50	15.84	15.99	15.88	17.00
3GPP Rel 6	HSPA Subtest-1	14.70	14.70	14.84	16.00	15.39	15.44	15.33	16.50
3GPP Rel 6	HSPA Subtest-2	14.70	14.78	14.80	16.00	15.52	15.44	15.35	16.50
3GPP Rel 6	HSPA Subtest-3	15.29	15.34	15.40	16.50	15.94	15.84	15.98	17.00
3GPP Rel 6	HSPA Subtest-4	13.44	13.46	13.47	14.50	14.07	14.13	13.88	15.00
3GPP Rel 6	HSPA Subtest-5	13.37	13.43	13.43	14.50	15.09	14.91	14.87	16.00
3GPP Rel 6	HSPA Subtest-6	13.35	13.35	13.45	14.50	15.42	15.30	15.38	16.00
3GPP Rel 6	HSPA Subtest-7	15.34	15.40	15.41	16.50	16.00	15.92	15.90	17.00
3GPP Rel 7	HSPA+ (HSPA-M) Subtest-1	14.76	14.72	14.65	16.00	15.27	15.34	15.17	17.00

Band 2_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.50	23.55	23.35	24.5	0		
20	QPSK	1	49	23.44	23.47	23.26				
20	QPSK	1	99	23.33	23.45	23.28				
20	QPSK	50	0	22.62	22.63	22.50				
20	QPSK	50	24	22.59	22.44	22.45	23.5	1		
20	QPSK	50	50	22.53	22.46	22.44				
20	QPSK	100	0	22.60	22.61	22.46				
20	16QAM	1	0	23.06	22.54	22.84				
20	16QAM	1	49	22.86	22.71	22.52	23.5	1		
20	16QAM	1	99	22.76	22.59	22.47				
20	16QAM	50	0	21.65	21.37	21.51				
20	16QAM	50	24	21.53	21.40	21.51				
20	16QAM	50	50	21.54	21.54	21.51	22.5	2		
20	16QAM	100	0	21.54	21.53	21.52				
20	64QAM	1	0	21.59	21.03	21.56				
20	64QAM	1	49	21.68	21.37	21.70				
20	64QAM	1	99	21.62	21.50	21.55	22.5	2		
20	64QAM	50	0	20.70	20.44	20.52				
20	64QAM	50	24	20.53	20.51	20.44				
20	64QAM	50	50	20.48	20.58	20.36				
20	64QAM	100	0	20.61	20.42	20.45	21.5	3		
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.39	23.25	23.41	24.5	0		
15	QPSK	1	37	23.39	23.11	23.38				
15	QPSK	1	74	23.19	23.16	23.32				
15	QPSK	36	0	22.50	22.37	22.49				
15	QPSK	36	20	22.46	22.32	22.31	23.5	1		
15	QPSK	36	39	22.39	22.32	22.41				
15	QPSK	75	0	22.51	22.37	22.49				
15	16QAM	1	0	22.81	22.73	22.46				
15	16QAM	1	37	22.80	22.43	22.64	23.5	1		
15	16QAM	1	74	22.64	22.36	22.53				
15	16QAM	36	0	21.59	21.39	21.29				
15	16QAM	36	20	21.45	21.42	21.34				
15	16QAM	36	39	21.34	21.35	21.47	22.5	2		
15	16QAM	75	0	21.39	21.40	21.47				
15	64QAM	1	0	21.48	21.41	20.90				
15	64QAM	1	37	21.55	21.61	21.32				
15	64QAM	1	74	21.47	21.44	21.39	22.5	2		
15	64QAM	36	0	20.56	20.45	20.35				
15	64QAM	36	20	20.42	20.32	20.39				
15	64QAM	36	39	20.35	20.23	20.51				
15	64QAM	75	0	20.56	20.38	20.35	21.5	3		
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.39	23.26	23.49	24.5	0		
10	QPSK	1	25	23.35	23.12	23.33				
10	QPSK	1	49	23.21	23.14	23.33				
10	QPSK	25	0	22.55	22.35	22.56				
10	QPSK	25	12	22.45	22.35	22.29	23.5	1		
10	QPSK	25	25	22.42	22.38	22.54				
10	16QAM	1	0	22.94	22.72	22.43				
10	16QAM	1	25	22.81	22.47	22.62				
10	16QAM	1	49	22.64	22.39	22.54	23.5	1		
10	16QAM	25	0	21.59	21.36	21.32				
10	16QAM	25	12	21.42	21.42	21.30				
10	16QAM	25	25	21.36	21.40	21.48				
10	16QAM	50	0	21.49	21.47	21.45	22.5	2		
10	64QAM	1	0	21.47	21.47	20.92				
10	64QAM	1	25	21.56	21.65	21.31				
10	64QAM	1	49	21.57	21.46	21.35				
10	64QAM	25	0	20.62	20.42	20.32	22.5	2		
10	64QAM	25	12	20.43	20.36	20.35				
10	64QAM	25	25	20.33	20.29	20.47				
10	64QAM	50	0	20.51	20.36	20.31				
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.41	23.21	23.44	24.5	0		
5	QPSK	1	12	23.39	23.15	23.42				
5	QPSK	1	24	23.30	23.17	23.31				
5	QPSK	12	0	22.57	22.37	22.52				
5	QPSK	12	7	22.52	22.34	22.39	23.5	1		
5	QPSK	12	13	22.43	22.30	22.41				
5	QPSK	25	0	22.54	22.41	22.55				
5	16QAM	1	0	23.01	22.78	22.41				
5	16QAM	1	12	22.79	22.39	22.56	23.5	1		
5	16QAM	1	24	22.71	22.40	22.50				
5	16QAM	12	0	21.50	21.41	21.30				
5	16QAM	12	7	21.45	21.43	21.32				
5	16QAM	12	13	21.43	21.41	21.47	22.5	2		
5	16QAM	25	0	21.41	21.37	21.46				
5	64QAM	1	0	21.49	21.49	20.96				
5	64QAM	1	12	21.54	21.64	21.24				
5	64QAM	1	24	21.57	21.48	21.41	22.5	2		
5	64QAM	12	0	20.60	20.47	20.37				
5	64QAM	12	7	20.44	20.37	20.42				
5	64QAM	12	13	20.33	20.24	20.43				
5	64QAM	25	0	20.52	20.32	20.31	21.5	3		
Channel										
Frequency (MHz)										
3	QPSK	1	0	23.41	23.22	23.41	24.5	0		
3	QPSK	1	8	23.34	23.11	23.41				
3	QPSK	1	14	23.22	23.12	23.38				
3	QPSK	8	0	22.54	22.38	22.57				
3	QPSK	8	4	22.45	22.35	22.37	23.5	1		
3	QPSK	8	7	22.45	22.30	22.35				
3	QPSK	15	0	22.51	22.32	22.56				
3	16QAM	1	0	22.95	22.76	22.42				
3	16QAM	1	8	22.76	22.42	22.58	23.5	1		
3	16QAM	1	14	22.64	22.32	22.47				
3	16QAM	8	0	21.60	21.41	21.27				
3	16QAM	8	4	21.40	21.44	21.34				
3	16QAM	8	7	21.44	21.36	21.41	22.5	2		
3	16QAM	15	0	21.43	21.43	21.41				
3	64QAM	1	0	21.44	21.47	20.96				
3	64QAM	1	8	21.55	21.65	21.25				
3	64QAM	1	14	21.55	21.44	21.38	22.5	2		
3	64QAM	8	0	20.57	20.45	20.35				
3	64QAM	8	4	20.40	20.29	20.43				
3	64QAM	8	7	20.43	20.26	20.48				
3	64QAM	15	0	20.51	20.31	20.31	21.5	3		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	23.45	23.29	23.45	24.5	0		
1.4	QPSK	1	3	23.31	23.18	23.33				
1.4	QPSK	1	5	23.28	23.17	23.33				
1.4	QPSK	3	0	23.30	23.14	23.39				
1.4	QPSK	3	1	23.26	23.05	23.39	23.5	1		
1.4	QPSK	3	3	23.19	23.10	23.22				
1.4	QPSK	6	0	22.46	22.37	22.46				
1.4	16QAM	1	0	22.91	22.72	22.56				
1.4	16QAM	1	3	22.79	22.47	22.56	23.5	1		
1.4	16QAM	1	5	22.81	22.33	22.45				
1.4	16QAM	3	0	22.81	22.55	22.34				
1.4	16QAM	3	1	22.73	22.37	22.46				
1.4	16QAM	3	3	22.47	22.24	22.39	22.5	2		
1.4	16QAM	6	0	21.41	21.31	21.39				
1.4	64QAM	1	0	21.51	21.51	21.20				
1.4	64QAM	1	3	21.61	21.59	21.30				
1.4	64QAM	1	5	21.56	21.40	21.38	22.5	2		
1.4	64QAM	3	0	21.43	21.36	21.07				
1.4	64QAM	3	1	21.53	21.45	21.15				
1.4	64QAM	3	3	21.42	21.31	21.27				
1.4	64QAM	6	0	20.55	20.35	20.35	21.5	3		

Band 4_Ant 2												
BW [MHz]	Modulatio n	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	23.25	23.41	23.36	24.5	0				
20	QPSK	1	49	23.03	23.38	23.27						
20	QPSK	1	99	23.05	23.17	23.13						
20	QPSK	50	0	22.14	22.35	22.32	23.5	1				
20	QPSK	50	24	22.14	22.32	22.27						
20	QPSK	50	50	22.21	22.29	22.20						
20	QPSK	100	0	22.17	22.27	22.22	23.5	1				
20	16QAM	1	0	22.39	22.56	22.63						
20	16QAM	1	49	22.40	22.37	22.32						
20	16QAM	1	99	22.42	22.33	22.27	22.5	2				
20	16QAM	50	0	21.14	21.18	21.25						
20	16QAM	50	24	21.15	21.27	21.29						
20	16QAM	50	50	21.14	21.30	21.22	21.5	3				
20	16QAM	100	0	21.23	21.32	21.33						
20	84QAM	1	0	20.95	21.00	21.12						
20	84QAM	1	49	21.19	20.96	21.16	22.5	2				
20	84QAM	1	99	21.08	21.16	21.18						
20	84QAM	50	0	20.02	20.15	20.30						
20	84QAM	50	24	20.19	20.30	20.32	21.5	3				
20	84QAM	50	50	20.21	20.22	20.32						
20	84QAM	100	0	20.10	20.42	20.28						
Channel				20025	20175	20325	Tune-up limit (dbm)	MPR (db)				
Frequency (MHz)				1717.5	1732.5	1747.5						
15	QPSK	1	0	22.96	23.31	23.28	24.5	0				
15	QPSK	1	37	22.91	23.29	23.12						
15	QPSK	1	74	22.93	23.08	22.99						
15	QPSK	36	0	22.13	22.30	22.27	23.5	1				
15	QPSK	36	20	22.01	22.08	22.17						
15	QPSK	36	39	22.08	22.21	22.05						
15	QPSK	75	0	22.12	22.22	22.11	23.5	1				
15	16QAM	1	0	22.24	22.40	22.35						
15	16QAM	1	37	22.26	22.24	22.19						
15	16QAM	1	74	22.32	22.26	22.27	22.5	2				
15	16QAM	36	0	21.01	21.06	21.15						
15	16QAM	36	20	21.10	21.17	21.24						
15	16QAM	36	39	21.08	21.20	21.11	22.5	2				
15	16QAM	75	0	21.13	21.22	21.26						
15	84QAM	1	0	20.88	20.92	21.02						
15	84QAM	1	37	21.06	20.89	21.10	22.5	2				
15	84QAM	1	74	20.99	21.07	21.05						
15	84QAM	36	0	19.91	20.06	20.25						
15	84QAM	36	20	20.04	20.19	20.18	21.5	3				
15	84QAM	36	39	20.11	20.11	20.16						
15	84QAM	75	0	19.98	20.28	20.18						
Channel				20000	20175	20350	Tune-up limit (dbm)	MPR (db)				
Frequency (MHz)				1715	1732.5	1750						
10	QPSK	1	0	22.96	23.33	23.24	24.5	0				
10	QPSK	1	25	22.94	23.30	23.13						
10	QPSK	1	49	22.94	23.06	23.07						
10	QPSK	25	0	22.16	22.24	22.19	23.5	1				
10	QPSK	25	12	22.02	22.11	22.12						
10	QPSK	25	25	22.11	22.15	22.07						
10	QPSK	50	0	22.08	22.19	22.13	23.5	1				
10	16QAM	1	0	22.28	22.48	22.48						
10	16QAM	1	25	22.29	22.26	22.18						
10	16QAM	1	49	22.31	22.20	22.22	22.5	2				
10	16QAM	25	0	21.09	21.05	21.10						
10	16QAM	25	12	21.09	21.17	21.22						
10	16QAM	25	25	21.02	21.20	21.09	22.5	2				
10	16QAM	50	0	21.12	21.18	21.22						
10	84QAM	1	0	20.86	20.94	21.06						
10	84QAM	1	25	21.06	20.81	21.10	22.5	2				
10	84QAM	1	49	21.03	21.03	21.03						
10	84QAM	25	0	19.95	20.00	20.15						
10	84QAM	25	12	20.08	20.16	20.17	21.5	3				
10	84QAM	25	25	20.11	20.15	20.23						
10	84QAM	50	0	20.05	20.35	20.21						
Channel				19975	20175	20375	Tune-up limit (dbm)	MPR (db)				
Frequency (MHz)				1712.5	1732.5	1752.5						
5	QPSK	1	0	22.97	23.32	23.23	24.5	0				
5	QPSK	1	12	22.91	23.23	23.20						
5	QPSK	1	24	22.94	23.12	23.08						
5	QPSK	12	0	22.15	22.24	22.22	23.5	1				
5	QPSK	12	7	21.99	22.13	22.12						
5	QPSK	12	13	22.16	22.20	22.11						
5	QPSK	25	0	22.05	22.18	22.12	23.5	1				
5	16QAM	1	0	22.25	22.49	22.56						
5	16QAM	1	12	22.26	22.22	22.21						
5	16QAM	1	24	22.35	22.23	22.28	22.5	2				
5	16QAM	12	0	21.03	21.11	21.16						
5	16QAM	12	7	21.02	21.14	21.19						
5	16QAM	12	13	21.06	21.20	21.16	22.5	2				
5	16QAM	25	0	21.14	21.20	21.18						
5	84QAM	1	0	20.86	20.88	21.02						
5	84QAM	1	12	21.04	20.85	21.08	22.5	2				
5	84QAM	1	24	21.01	21.06	21.03						
5	84QAM	12	0	19.93	20.10	20.20						
5	84QAM	12	7	20.14	20.20	20.17	21.5	3				
5	84QAM	12	13	20.16	20.10	20.26						
5	84QAM	25	0	19.97	20.29	20.18						
Channel				19950	20175	20393	Tune-up limit (dbm)	MPR (db)				
Frequency (MHz)				1711.5	1732.5	1753.5						
3	QPSK	1	0	22.95	23.32	23.22	24.5	0				
3	QPSK	1	8	22.89	23.33	23.12						
3	QPSK	1	16	22.91	23.14	23.02						
3	QPSK	8	0	22.09	22.22	22.18	23.5	1				
3	QPSK	8	4	22.08	22.12	22.13						
3	QPSK	8	7	22.09	22.24	22.23						
3	QPSK	15	0	22.04	22.12	22.11	23.5	1				
3	16QAM	1	0	22.25	22.43	22.53						
3	16QAM	1	8	22.27	22.19	22.21						
3	16QAM	1	14	22.33	22.19	22.22	22.5	2				
3	16QAM	8	0	21.04	21.03	21.12						
3	16QAM	8	4	21.09	21.22	21.24						
3	16QAM	8	7	21.03	21.20	21.15	22.5	2				
3	16QAM	15	0	21.09	21.19	21.23						
3	84QAM	1	0	20.87	20.91	21.04						
3	84QAM	1	8	21.14	20.81	21.08	21.5	3				
3	84QAM	1	14	20.96	21.07	21.11						
3	84QAM	8	0	19.97	20.03	20.16						
3	84QAM	8	4	20.13	20.21	20.25	21.5	3				
3	84QAM	8	7	20.08	20.08	20.21						
3	84QAM	15	0	19.95	20.34	20.15						
Channel				19950	20175	20503	Tune-up limit (dbm)	MPR (db)				
Frequency (MHz)				1710.7	1732.5	1754.3						
1.4	QPSK	1	0	22.94	23.29	23.27	24.5	0				
1.4	QPSK	1	3	22.89	23.33	23.18						
1.4	QPSK	1	5	23.00	23.10	23.06						
1.4	QPSK	3	0	22.97	23.16	23.15	23.5	1				
1.4	QPSK	3	1	23.01	23.21	23.09						
1.4	QPSK	3	3	22.95	22.99	23.00						
1.4	QPSK	6	0	22.12	22.12	22.14	23.5	1				
1.4	16QAM	1	0	22.34	22.48	22.54						
1.4	16QAM	1	3	22.25	22.24	22.27						
1.4	16QAM	1	5	22.37	22.27	22.30	22.5	2				
1.4	16QAM	3	0	22.29	22.39	22.43						
1.4	16QAM	3	1	22.10	22.14	22.18						
1.4	16QAM	3	3	22.23	22.12	22.22	22.5	2				
1.4	16QAM	6	0	21.09	21.20	22.12						
1.4	84QAM	1	0	20.80	20.89	20.97						
1.4	84QAM	1	3	21.09	20.83	21.10	22.5	2				
1.4	84QAM	1	5	20.95	21.11	21.09						
1.4	84QAM	3	0	20.71	20.81	20.85						
1.4	84QAM	3	1	21.01	20.69	20.95	21.5	3				
1.4	84QAM	3	3	20.96	20.98	20.95						
1.4	84QAM	6	0	19.99	20.36	20.14						

Band 5_Ant 0										
BW [MHz]	Modulatio n	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	24.17	24.20	24.15	25	0		
10	QPSK	1	25	24.16	24.11	24.08				
10	QPSK	1	49	24.07	23.98	23.93				
10	QPSK	25	0	23.15	23.16	23.12				
10	QPSK	25	12	23.12	23.13	23.10	24	1		
10	QPSK	25	25	23.10	23.12	23.07				
10	QPSK	50	0	23.08	23.10	23.02				
10	16QAM	1	0	23.32	23.11	23.15				
10	16QAM	1	25	23.37	23.14	23.20	24	1		
10	16QAM	1	49	23.07	23.02	23.11				
10	16QAM	25	0	22.19	22.12	21.98				
10	16QAM	25	12	22.24	22.15	22.18				
10	16QAM	25	25	22.12	22.06	22.07	23	2		
10	16QAM	50	0	22.14	22.11	22.04				
10	64QAM	1	0	22.49	22.27	22.11				
10	64QAM	1	25	22.38	22.27	22.41				
10	64QAM	1	49	21.25	21.07	21.08	23	2		
10	64QAM	25	0	21.26	21.00	21.04				
10	64QAM	25	12	21.28	21.14	21.15				
10	64QAM	25	25	21.10	20.99	21.05				
10	64QAM	50	0	21.05	21.15	21.10	22	3		
Channel				20425	20525	20625				
Frequency (MHz)				826.5	836.5	846.5	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	24.02	24.13	24.05	25	0		
5	QPSK	1	12	24.08	24.02	23.95				
5	QPSK	1	24	23.94	23.86	23.78				
5	QPSK	12	0	23.04	23.02	23.00				
5	QPSK	12	7	23.00	23.01	23.00	24	1		
5	QPSK	12	13	23.03	23.07	22.99				
5	QPSK	25	0	22.97	23.02	22.95				
5	16QAM	1	0	23.24	23.05	23.05				
5	16QAM	1	12	23.25	23.05	23.11	24	1		
5	16QAM	1	24	22.99	22.94	23.05				
5	16QAM	12	0	22.07	22.02	21.87				
5	16QAM	12	7	22.14	22.04	22.06				
5	16QAM	12	13	21.99	22.01	21.97	23	2		
5	16QAM	25	0	22.02	21.99	21.91				
5	64QAM	1	0	22.40	22.15	21.96				
5	64QAM	1	12	22.27	22.14	22.31				
5	64QAM	1	24	22.13	22.13	22.02	23	2		
5	64QAM	12	0	21.20	20.89	20.90				
5	64QAM	12	7	21.20	21.07	21.06				
5	64QAM	12	13	21.00	20.87	20.92				
5	64QAM	25	0	20.91	21.00	21.03	22	3		
Channel				20415	20525	20635				
Frequency (MHz)				825.5	836.5	847.5	Tune-up limit (dBm)	MPR (dB)		
3	QPSK	1	0	24.10	24.07	24.08	25	0		
3	QPSK	1	8	24.09	24.01	23.96				
3	QPSK	1	14	23.95	23.87	23.84				
3	QPSK	8	0	23.98	23.06	23.03				
3	QPSK	8	4	23.07	23.04	23.05	24	1		
3	QPSK	8	7	23.02	22.97	23.02				
3	QPSK	15	0	22.98	23.00	22.96				
3	16QAM	1	0	23.19	23.00	23.03				
3	16QAM	1	8	23.32	23.06	23.05	24	1		
3	16QAM	1	14	22.99	22.97	23.00				
3	16QAM	8	0	22.05	21.97	21.87				
3	16QAM	8	4	22.09	22.01	22.09				
3	16QAM	8	7	22.01	21.95	21.95	23	2		
3	16QAM	15	0	21.99	21.97	21.92				
3	64QAM	1	0	22.35	22.17	22.03				
3	64QAM	1	8	22.28	22.22	22.33				
3	64QAM	1	14	22.17	22.10	21.99	23	2		
3	64QAM	8	0	21.21	20.87	20.95				
3	64QAM	8	4	21.13	21.09	21.05				
3	64QAM	8	7	21.01	20.84	20.90				
3	64QAM	15	0	20.92	21.00	21.00	22	3		
Channel				20407	20525	20643				
Frequency (MHz)				824.7	836.5	848.3	Tune-up limit (dBm)	MPR (dB)		
1.4	QPSK	1	0	24.08	24.11	24.09	25	0		
1.4	QPSK	1	3	24.06	23.99	23.98				
1.4	QPSK	1	5	23.97	23.90	23.80				
1.4	QPSK	3	0	24.07	24.06	24.09				
1.4	QPSK	3	1	24.06	23.99	24.01	24	1		
1.4	QPSK	3	3	23.94	23.93	23.83				
1.4	QPSK	6	0	22.93	23.04	22.92				
1.4	16QAM	1	0	23.27	22.98	23.05				
1.4	16QAM	1	3	23.23	23.02	23.11	24	1		
1.4	16QAM	1	5	22.95	22.90	23.01				
1.4	16QAM	3	0	23.17	22.92	22.99				
1.4	16QAM	3	1	23.09	22.89	22.97				
1.4	16QAM	3	3	22.81	22.83	22.93	23	2		
1.4	16QAM	6	0	22.04	21.98	21.99				
1.4	64QAM	1	0	22.32	22.06	21.90				
1.4	64QAM	1	3	22.17	22.10	22.14				
1.4	64QAM	1	5	22.09	21.95	21.88	23	2		
1.4	64QAM	3	0	22.33	22.06	21.85				
1.4	64QAM	3	1	22.13	22.02	22.24				
1.4	64QAM	3	3	21.99	21.97	21.93				
1.4	64QAM	6	0	20.90	21.02	20.98	22	3		

Band 5_Ant 1										
BW (MHz)	Modulatio n	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	21.61	21.63	21.55	22.5	0		
10	QPSK	1	25	21.39	21.43	21.47				
10	QPSK	1	49	21.45	21.51	21.39				
10	QPSK	25	0	21.50	21.57	21.48				
10	QPSK	25	12	21.50	21.50	21.42	22.5	0		
10	QPSK	25	25	21.50	21.54	21.38				
10	QPSK	50	0	21.34	21.50	21.36				
10	16QAM	1	0	21.38	21.54	21.34				
10	16QAM	1	25	21.50	21.53	21.43	22.5	0		
10	16QAM	1	49	21.43	21.44	21.37				
10	16QAM	25	0	21.60	21.46	21.50				
10	16QAM	25	12	21.51	21.50	21.52				
10	16QAM	25	25	21.56	21.53	21.45	22.5	0		
10	16QAM	50	0	21.59	21.52	21.52				
10	64QAM	1	0	21.57	21.45	21.40				
10	64QAM	1	25	21.50	21.52	21.49				
10	64QAM	1	49	21.55	21.47	21.54	22.5	0		
10	64QAM	25	0	21.14	21.10	21.06				
10	64QAM	25	12	21.14	21.01	20.96				
10	64QAM	25	25	21.06	21.12	21.01				
10	64QAM	50	0	21.04	21.06	21.01	22	0.5		
Channel				20245	20525	20625				
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	21.55	21.49	21.43	22.5	0		
5	QPSK	1	12	21.50	21.39	21.35				
5	QPSK	1	24	21.30	21.50	21.35				
5	QPSK	12	0	21.40	21.44	21.38				
5	QPSK	12	7	21.35	21.34	21.27	22.5	0		
5	QPSK	12	13	21.42	21.40	21.26				
5	QPSK	25	0	21.20	21.41	21.25				
5	16QAM	1	0	21.28	21.51	21.32				
5	16QAM	1	12	21.42	21.46	21.32	22.5	0		
5	16QAM	1	24	21.40	21.35	21.36				
5	16QAM	12	0	21.59	21.51	21.43				
5	16QAM	12	7	21.50	21.30	21.45				
5	16QAM	12	13	21.49	21.45	21.42	22.5	0		
5	16QAM	25	0	21.54	21.38	21.37				
5	64QAM	1	0	21.42	21.30	21.38				
5	64QAM	1	12	21.35	21.37	21.46				
5	64QAM	1	24	21.54	21.39	21.40	22	0.5		
5	64QAM	12	0	21.08	21.02	20.97				
5	64QAM	12	7	21.01	20.93	20.91				
5	64QAM	12	13	21.01	21.02	20.94				
5	64QAM	25	0	20.98	20.92	20.90	22	0.5		
Channel				20415	20525	20635				
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	21.48	21.57	21.47	22.5	0		
3	QPSK	1	8	21.30	21.42	21.32				
3	QPSK	1	14	21.44	21.41	21.28				
3	QPSK	8	0	21.45	21.47	21.38				
3	QPSK	8	4	21.44	21.44	21.35	22.5	0		
3	QPSK	8	7	21.41	21.42	21.27				
3	QPSK	15	0	21.26	21.45	21.30				
3	16QAM	1	0	21.33	21.46	21.26				
3	16QAM	1	8	21.46	21.43	21.31	22.5	0		
3	16QAM	1	14	21.40	21.35	21.36				
3	16QAM	8	0	21.45	21.45	21.49				
3	16QAM	8	4	21.43	21.45	21.41				
3	16QAM	8	7	21.52	21.43	21.37	22.5	0		
3	16QAM	15	0	21.49	21.45	21.49				
3	64QAM	1	0	21.47	21.30	21.29				
3	64QAM	1	5	21.41	21.40	21.41				
3	64QAM	1	14	21.44	21.41	21.47	22.5	0		
3	64QAM	8	0	21.09	21.05	20.97				
3	64QAM	8	4	21.08	20.95	20.88				
3	64QAM	8	7	21.01	21.01	20.95				
3	64QAM	15	0	20.96	20.94	20.98	22	0.5		
Channel				20407	20525	20643				
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	21.46	21.56	21.42	22.5	0		
1.4	QPSK	1	3	21.38	21.45	21.45				
1.4	QPSK	1	5	21.38	21.46	21.27				
1.4	QPSK	3	0	21.54	21.50	21.51				
1.4	QPSK	3	1	21.35	21.36	21.34	22.5	0		
1.4	QPSK	3	3	21.44	21.41	21.24				
1.4	QPSK	6	0	21.36	21.56	21.34				
1.4	16QAM	1	0	21.40	21.38	21.27				
1.4	16QAM	1	3	21.40	21.42	21.24	22.5	0		
1.4	16QAM	1	5	21.10	21.43	21.33				
1.4	16QAM	3	0	21.24	21.45	21.27				
1.4	16QAM	3	1	21.46	21.47	21.34				
1.4	16QAM	3	3	21.41	21.31	21.24	22.5	0		
1.4	16QAM	6	0	21.46	21.35	21.45				
1.4	64QAM	1	0	21.41	21.38	21.45				
1.4	64QAM	1	3	21.41	21.45	21.37				
1.4	64QAM	1	5	21.51	21.50	21.51	22.5	0		
1.4	64QAM	3	0	21.44	21.31	21.39				
1.4	64QAM	3	1	21.45	21.46	21.45				
1.4	64QAM	3	3	21.48	21.40	21.50				
1.4	64QAM	6	0	20.92	20.93	20.90	22	0.0		

Band 7_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel							20850	21100	21350	
Frequency (MHz)							2510	2535	2560	
20	QPSK	1	0	15.72	15.63	15.75	16.5	0		
20	QPSK	1	49	15.65	15.71	15.72				
20	QPSK	1	99	15.71	15.61	15.67				
20	QPSK	50	0	15.71	15.60	15.72	16.5	0		
20	QPSK	50	24	15.65	15.69	15.70				
20	QPSK	50	50	15.70	15.75	15.67				
20	QPSK	100	0	15.58	15.78	15.72	16.5	0		
20	16QAM	1	0	15.68	15.73	15.68				
20	16QAM	1	49	15.71	15.76	15.68				
20	16QAM	1	99	15.57	15.73	15.64	16.5	0		
20	16QAM	50	0	15.67	15.70	15.64				
20	16QAM	50	24	15.70	15.71	15.67				
20	16QAM	50	50	15.71	15.76	15.63	16.5	0		
20	16QAM	100	0	15.61	15.82	15.60				
20	64QAM	1	0	15.71	15.71	15.60				
20	64QAM	1	49	15.65	15.70	15.62	16.5	0		
20	64QAM	1	99	15.60	15.73	15.70				
20	64QAM	50	0	15.62	15.79	15.71				
20	64QAM	50	24	15.63	15.75	15.69	16.5	0		
20	64QAM	50	50	15.66	15.77	15.63				
20	64QAM	100	0	15.70	15.82	15.60				
Channel							20825	21100	21375	
Frequency (MHz)							2507.5	2535	2562.5	
15	QPSK	1	0	15.62	15.73	15.60	16.5	0		
15	QPSK	1	37	15.53	15.58	15.59				
15	QPSK	1	74	15.63	15.76	15.52				
15	QPSK	36	0	15.66	15.71	15.55	16.5	0		
15	QPSK	36	20	15.51	15.56	15.65				
15	QPSK	36	39	15.58	15.68	15.49				
15	QPSK	75	0	15.47	15.72	15.68	16.5	0		
15	16QAM	1	0	15.60	15.65	15.67				
15	16QAM	1	37	15.59	15.68	15.53				
15	16QAM	1	74	15.49	15.68	15.58	16.5	0		
15	16QAM	36	0	15.65	15.65	15.54				
15	16QAM	36	20	15.67	15.62	15.66				
15	16QAM	36	39	15.64	15.67	15.48	16.5	0		
15	16QAM	75	0	15.54	15.91	15.59				
15	64QAM	1	0	15.65	15.64	15.56				
15	64QAM	1	37	15.51	15.69	15.50	16.5	0		
15	64QAM	1	74	15.49	15.63	15.68				
15	64QAM	36	0	15.51	15.68	15.58				
15	64QAM	36	20	15.52	15.69	15.66	16.5	0		
15	64QAM	36	39	15.52	15.69	15.54				
15	64QAM	75	0	15.55	15.70	15.58				
Channel							20900	21100	21400	
Frequency (MHz)							2505	2535	2565	
10	QPSK	1	0	15.61	15.74	15.71	16.5	0		
10	QPSK	1	25	15.59	15.58	15.66				
10	QPSK	1	49	15.70	15.69	15.56				
10	QPSK	25	0	15.65	15.74	15.61	16.5	0		
10	QPSK	25	12	15.59	15.66	15.58				
10	QPSK	25	25	15.69	15.64	15.50				
10	QPSK	50	0	15.47	15.67	15.61	16.5	0		
10	16QAM	1	0	15.59	15.68	15.61				
10	16QAM	1	25	15.62	15.75	15.66				
10	16QAM	1	49	15.48	15.60	15.54	16.5	0		
10	16QAM	25	0	15.52	15.69	15.63				
10	16QAM	25	12	15.63	15.63	15.59				
10	16QAM	25	25	15.68	15.66	15.54	16.5	0		
10	16QAM	50	0	15.53	15.75	15.53				
10	64QAM	1	0	15.66	15.56	15.50				
10	64QAM	1	25	15.62	15.61	15.56	16.5	0		
10	64QAM	1	49	15.57	15.71	15.56				
10	64QAM	25	0	15.54	15.67	15.64				
10	64QAM	25	12	15.62	15.69	15.63	16.5	0		
10	64QAM	25	25	15.55	15.69	15.48				
10	64QAM	50	0	15.66	15.75	15.56				
Channel							20775	21100	21425	
Frequency (MHz)							2502.5	2535	2567.5	
5	QPSK	1	0	15.67	15.72	15.68	16.5	0		
5	QPSK	1	12	15.54	15.70	15.70				
5	QPSK	1	24	15.63	15.73	15.65				
5	QPSK	12	0	15.68	15.74	15.62	16.5	0		
5	QPSK	12	7	15.51	15.65	15.57				
5	QPSK	12	13	15.67	15.68	15.57				
5	QPSK	25	0	15.46	15.71	15.57	16.5	0		
5	16QAM	1	0	15.57	15.69	15.65				
5	16QAM	1	12	15.66	15.74	15.56				
5	16QAM	1	24	15.45	15.68	15.52	16.5	0		
5	16QAM	12	0	15.60	15.57	15.61				
5	16QAM	12	7	15.58	15.57	15.65				
5	16QAM	12	13	15.62	15.63	15.51	16.5	0		
5	16QAM	25	0	15.52	15.71	15.59				
5	64QAM	1	0	15.58	15.66	15.53				
5	64QAM	1	12	15.51	15.67	15.61	16.5	0		
5	64QAM	1	24	15.49	15.59	15.55				
5	64QAM	12	0	15.49	15.68	15.57				
5	64QAM	12	7	15.54	15.63	15.55	16.5	0		
5	64QAM	12	13	15.65	15.62	15.61				
5	64QAM	25	0	15.61	15.67	15.54				

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	17.20	17.25	17.22	17.5	0		
20	QPSK	1	49	17.10	17.20	17.21				
20	QPSK	1	99	17.13	17.12	17.19				
20	QPSK	50	0	17.10	17.22	17.18	17.5	0		
20	QPSK	50	24	17.13	17.20	17.12				
20	QPSK	50	50	17.17	17.11	17.17				
20	QPSK	100	0	17.15	17.18	17.16	17.5	0		
20	16QAM	1	0	17.16	17.20	17.10				
20	16QAM	1	49	17.07	17.13	17.21				
20	16QAM	1	99	17.15	17.13	17.17	17.5	0		
20	16QAM	50	0	17.19	17.15	17.12				
20	16QAM	50	24	17.11	17.22	17.18				
20	16QAM	50	50	17.08	17.14	17.11	17.5	0		
20	16QAM	100	0	17.12	17.11	17.10				
20	64QAM	1	0	17.06	17.23	17.19				
20	64QAM	1	49	17.17	17.11	17.10	17.5	0		
20	64QAM	1	99	17.08	17.13	17.12				
20	64QAM	50	0	17.13	17.16	17.19				
20	64QAM	50	24	17.11	17.19	17.09	17.5	0		
20	64QAM	50	50	17.11	17.23	17.13				
20	64QAM	100	0	17.11	17.13	17.18				
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	17.12	17.15	17.13	17.5	0		
15	QPSK	1	37	17.06	17.10	17.09				
15	QPSK	1	74	17.10	17.03	17.15				
15	QPSK	36	0	17.16	17.21	17.12	17.5	0		
15	QPSK	36	20	17.08	17.15	17.05				
15	QPSK	36	39	17.07	17.10	17.10				
15	QPSK	75	0	17.00	17.14	17.10	17.5	0		
15	16QAM	1	0	17.01	17.17	17.09				
15	16QAM	1	37	16.92	17.17	17.15				
15	16QAM	1	74	17.14	17.09	17.06	17.5	0		
15	16QAM	36	0	17.18	17.12	17.11				
15	16QAM	36	20	17.10	17.07	17.14				
15	16QAM	36	39	17.06	17.09	17.02	17.5	0		
15	16QAM	75	0	17.01	17.16	17.09				
15	64QAM	1	0	16.98	17.11	17.14				
15	64QAM	1	37	17.14	17.09	17.03	17.5	0		
15	64QAM	1	74	17.01	17.08	17.02				
15	64QAM	36	0	17.05	17.01	17.04				
15	64QAM	36	20	16.99	17.08	17.00	17.5	0		
15	64QAM	36	39	17.01	17.01	17.11				
15	64QAM	75	0	17.01	16.98	17.13				
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2509	2535	2565				
10	QPSK	1	0	17.06	17.19	17.13	17.5	0		
10	QPSK	1	25	16.95	17.07	17.18				
10	QPSK	1	49	17.10	17.10	17.04				
10	QPSK	25	0	17.05	17.19	17.09	17.5	0		
10	QPSK	25	12	17.01	17.12	17.05				
10	QPSK	25	25	17.04	17.08	17.09				
10	QPSK	50	0	17.06	17.08	17.01	17.5	0		
10	16QAM	1	0	17.14	17.08	17.04				
10	16QAM	1	25	16.95	16.98	17.02				
10	16QAM	1	49	17.17	17.01	17.08	17.5	0		
10	16QAM	25	0	17.10	17.06	16.99				
10	16QAM	25	12	17.03	17.14	17.07				
10	16QAM	25	25	16.98	17.08	16.97	17.5	0		
10	16QAM	50	0	17.05	17.05	17.02				
10	64QAM	1	0	17.03	17.10	17.13				
10	64QAM	1	25	17.04	17.05	17.08	17.5	0		
10	64QAM	1	49	16.94	17.03	17.09				
10	64QAM	25	0	17.03	17.03	17.13				
10	64QAM	25	12	16.96	17.16	16.96	17.5	0		
10	64QAM	25	25	17.08	17.14	17.02				
10	64QAM	50	0	16.96	17.09	17.13				
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	17.06	17.13	17.15	17.5	0		
5	QPSK	1	12	17.01	17.14	17.10				
5	QPSK	1	24	17.02	17.06	17.04				
5	QPSK	12	0	17.16	17.19	17.06	17.5	0		
5	QPSK	12	7	17.03	17.14	17.08				
5	QPSK	12	13	17.03	17.02	17.10				
5	QPSK	25	0	17.00	17.01	17.04	17.5	0		
5	16QAM	1	0	17.02	17.05	17.09				
5	16QAM	1	12	16.97	17.05	17.20				
5	16QAM	1	24	17.06	17.02	17.14	17.5	0		
5	16QAM	12	0	17.04	17.07	17.10				
5	16QAM	12	7	17.02	17.21	17.06				
5	16QAM	12	13	16.96	17.14	17.15	17.5	0		
5	16QAM	25	0	17.03	17.00	17.08				
5	64QAM	1	0	17.00	17.09	17.11				
5	64QAM	1	12	17.12	17.04	17.09	17.5	0		
5	64QAM	1	24	17.01	17.09	17.07				
5	64QAM	12	0	17.01	17.15	17.17				
5	64QAM	12	7	17.01	17.16	17.05	17.5	0		
5	64QAM	12	13	17.00	17.08	17.08				
5	64QAM	25	0	17.00	17.01	17.16				

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	23065	23150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	22.54	22.58	22.51	23.5	0		
10	QPSK	1	25	22.50	22.44	22.38				
10	QPSK	1	49	22.52	22.54	22.48				
10	QPSK	25	0	22.51	22.55	22.46				
10	QPSK	25	12	22.42	22.43	22.44	23.5	0		
10	QPSK	25	25	22.49	22.43	22.40				
10	QPSK	50	0	22.39	22.49	22.46				
10	16QAM	1	0	22.49	22.45	22.47				
10	16QAM	1	25	22.44	22.45	22.50	23.5	0		
10	16QAM	1	49	22.46	22.57	22.47				
10	16QAM	25	0	22.17	22.05	22.08				
10	16QAM	25	12	22.19	22.05	22.00				
10	16QAM	25	25	22.10	22.04	22.14	23	0.5		
10	16QAM	50	0	22.08	22.12	21.98				
10	64QAM	1	0	22.12	22.40	22.37				
10	64QAM	1	25	22.15	22.30	22.40				
10	64QAM	1	49	22.10	22.41	22.42	23	0.5		
10	64QAM	25	0	21.14	21.01	20.96				
10	64QAM	25	12	21.20	21.03	21.00				
10	64QAM	25	25	21.09	21.11	21.08				
10	64QAM	50	0	21.18	21.05	20.93	22	1.5		
Channel				23035	23095	23155				
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	22.49	22.46	22.44	23.5	0		
5	QPSK	1	12	22.45	22.30	22.36				
5	QPSK	1	24	22.43	22.51	22.44				
5	QPSK	12	0	22.37	22.43	22.42				
5	QPSK	12	7	22.29	22.34	22.40	23.5	0		
5	QPSK	12	13	22.34	22.30	22.26				
5	QPSK	25	0	22.35	22.35	22.45				
5	16QAM	1	0	22.44	22.33	22.39				
5	16QAM	1	12	22.41	22.40	22.42	23.5	0		
5	16QAM	1	24	22.35	22.52	22.45				
5	16QAM	12	0	22.08	21.93	22.00				
5	16QAM	12	7	22.12	21.98	21.92				
5	16QAM	12	13	22.04	21.99	22.01	23	0.5		
5	16QAM	25	0	22.02	21.97	21.85				
5	64QAM	1	0	21.97	22.30	22.27				
5	64QAM	1	12	22.10	22.22	22.33				
5	64QAM	1	24	22.04	22.31	22.33	23	0.5		
5	64QAM	12	0	21.03	20.88	20.89				
5	64QAM	12	7	21.13	20.94	20.93				
5	64QAM	12	13	20.98	21.06	21.03				
5	64QAM	25	0	21.07	20.93	20.79	22	1.5		
Channel				23025	23095	23165				
Frequency (MHz)				700.5	707.5	714.5	Tune-up limit (dBm)	MPR (dB)		
3	QPSK	1	0	22.43	22.49	22.43	23.5	0		
3	QPSK	1	8	22.44	22.33	22.25				
3	QPSK	1	14	22.45	22.46	22.46				
3	QPSK	8	0	22.36	22.40	22.33				
3	QPSK	8	4	22.39	22.38	22.42	23.5	0		
3	QPSK	8	7	22.42	22.37	22.39				
3	QPSK	15	0	22.28	22.48	22.43				
3	16QAM	1	0	22.38	22.36	22.39				
3	16QAM	1	8	22.30	22.39	22.36	23.5	0		
3	16QAM	1	14	22.44	22.42	22.42				
3	16QAM	8	0	22.04	21.94	21.99				
3	16QAM	8	4	22.11	21.99	21.93				
3	16QAM	8	7	21.99	21.95	22.06	23	0.5		
3	16QAM	15	0	22.02	22.05	21.86				
3	64QAM	1	0	21.97	22.35	22.22				
3	64QAM	1	8	22.10	22.23	22.30				
3	64QAM	1	14	22.03	22.30	22.31	23	0.5		
3	64QAM	8	0	21.01	20.94	20.83				
3	64QAM	8	4	21.07	20.88	20.93				
3	64QAM	8	7	20.94	21.05	20.95				
3	64QAM	15	0	21.10	20.97	20.80	22	1.5		
Channel				23017	23095	23173				
Frequency (MHz)				699.7	707.5	715.3	Tune-up limit (dBm)	MPR (dB)		
1.4	QPSK	1	0	22.52	22.51	22.46	23.5	0		
1.4	QPSK	1	3	22.49	22.33	22.35				
1.4	QPSK	1	5	22.39	22.44	22.36				
1.4	QPSK	3	0	22.53	22.51	22.49				
1.4	QPSK	3	1	22.41	22.34	22.36	23.5	0		
1.4	QPSK	3	3	22.40	22.51	22.34				
1.4	QPSK	6	0	22.36	22.52	22.35				
1.4	16QAM	1	0	22.27	22.40	22.36				
1.4	16QAM	1	3	22.41	22.28	22.33	23.5	0		
1.4	16QAM	1	5	22.27	22.45	22.37				
1.4	16QAM	3	0	22.39	22.36	22.40				
1.4	16QAM	3	1	22.38	22.41	22.42				
1.4	16QAM	3	3	22.39	22.52	22.37	23	0.5		
1.4	16QAM	6	0	21.99	21.99	21.84				
1.4	64QAM	1	0	21.87	22.27	22.25				
1.4	64QAM	1	3	21.87	22.11	22.25				
1.4	64QAM	1	5	21.90	22.30	22.24	23	0.5		
1.4	64QAM	3	0	21.84	22.19	22.25				
1.4	64QAM	3	1	21.94	22.14	22.27				
1.4	64QAM	3	3	21.97	22.23	22.27				
1.4	64QAM	6	0	21.06	20.91	20.81	22	1.5		

Band 17_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [dBm]	Power Middle Ch. [dBm]	Power High Ch. [dBm]	Tune-up limit (dBm)	MPR (dB)		
Channel				23780	23790	23800	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				709	710	711				
10	QPSK	1	0	24.01	24.11	24.03	25	0		
10	QPSK	1	25	23.95	24.10	23.90				
10	QPSK	1	49	23.87	23.98	23.84				
10	QPSK	25	0	23.99	23.10	23.04				
10	QPSK	25	12	22.95	22.94	23.03	24	1		
10	QPSK	25	25	23.03	22.98	22.99				
10	QPSK	50	0	22.95	23.03	22.93				
10	16QAM	1	0	23.24	23.01	23.24				
10	16QAM	1	25	23.13	23.05	23.08	24	1		
10	16QAM	1	49	23.25	23.03	23.04				
10	16QAM	25	0	21.99	22.02	21.95				
10	16QAM	25	12	22.09	21.91	21.84				
10	16QAM	25	25	21.86	22.13	21.97	23	2		
10	16QAM	50	0	22.06	21.86	21.88				
10	64QAM	1	0	22.11	21.90	22.09				
10	64QAM	1	25	22.04	22.10	22.20				
10	64QAM	1	49	22.26	22.05	22.23	23	2		
10	64QAM	25	0	20.81	20.92	21.03				
10	64QAM	25	12	20.97	20.96	20.92				
10	64QAM	25	25	21.06	21.05	20.97				
10	64QAM	50	0	20.93	20.92	20.93	22	3		
Channel				23780	23790	23825	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				706.5	710	713.5				
5	QPSK	1	0	23.91	23.92	23.96	25	0		
5	QPSK	1	12	23.78	23.89	23.77				
5	QPSK	1	24	23.78	23.89	23.75				
5	QPSK	12	0	22.91	22.88	22.97				
5	QPSK	12	7	22.95	22.96	22.95	24	1		
5	QPSK	12	13	22.86	22.91	22.88				
5	QPSK	25	0	22.83	22.84	22.80				
5	16QAM	1	0	23.05	22.87	23.12				
5	16QAM	1	12	23.07	22.90	23.04	24	1		
5	16QAM	1	24	23.16	22.91	23.07				
5	16QAM	12	0	21.96	21.98	21.84				
5	16QAM	12	7	22.02	21.84	21.69				
5	16QAM	12	13	21.84	21.97	21.93	23	2		
5	16QAM	25	0	21.92	21.76	21.83				
5	64QAM	1	0	21.98	21.81	21.86				
5	64QAM	1	12	21.97	22.05	22.04				
5	64QAM	1	24	22.11	21.97	22.19	23	2		
5	64QAM	12	0	20.77	20.77	20.84				
5	64QAM	12	7	20.87	20.92	20.82				
5	64QAM	12	13	21.03	20.90	20.76				
5	64QAM	25	0	20.79	20.79	20.85	22	3		

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							821.5	831.5	841.5	
Frequency (MHz)										
15	QPSK	1	0	23.16	23.21	23.18	25	0		
15	QPSK	1	37	23.90	23.89	23.86				
15	QPSK	1	74	23.84	23.79	23.81				
15	QPSK	36	0	23.10	23.12	23.02	24	1		
15	QPSK	36	20	23.09	22.95	22.95				
15	QPSK	36	39	23.06	23.06	22.99				
15	QPSK	75	0	23.08	23.10	22.84	24	1		
15	16QAM	1	0	23.27	23.39	23.31				
15	16QAM	1	37	23.32	23.28	23.41				
15	16QAM	1	74	23.33	23.25	23.30	23	2		
15	16QAM	36	0	22.00	22.06	21.86				
15	16QAM	36	20	22.06	21.94	21.97				
15	16QAM	36	39	22.14	21.96	22.03	23	2		
15	16QAM	75	0	22.18	21.94	22.02				
15	8QAM	1	0	22.24	21.85	21.90				
15	8QAM	1	37	22.16	22.25	22.10	23	2		
15	8QAM	1	74	22.18	21.87	21.93				
15	8QAM	36	0	20.93	21.04	21.12				
15	8QAM	36	20	21.12	20.94	21.15	22	3		
15	8QAM	36	39	21.07	21.15	21.14				
15	8QAM	75	0	21.06	21.00	21.07				
Channel							26740	26865	26990	
Frequency (MHz)							819	831.5	844	
10	QPSK	1	0	23.81	23.85	23.81	25	0		
10	QPSK	1	25	23.83	23.74	23.73				
10	QPSK	1	49	23.75	23.72	23.75				
10	QPSK	25	0	23.03	22.99	22.91	24	1		
10	QPSK	25	12	22.98	22.89	22.83				
10	QPSK	25	25	22.90	22.91	22.92				
10	QPSK	50	0	22.99	23.03	22.78	24	1		
10	16QAM	1	0	23.22	23.26	23.21				
10	16QAM	1	25	23.21	23.17	23.29				
10	16QAM	1	49	23.28	23.19	23.17	23	2		
10	16QAM	25	0	21.87	22.00	21.76				
10	16QAM	25	12	21.99	21.83	21.84				
10	16QAM	25	25	22.06	21.81	21.90	23	2		
10	16QAM	50	0	22.08	21.89	21.85				
10	8QAM	1	0	22.11	21.73	21.82				
10	8QAM	1	25	22.01	22.19	21.97	23	2		
10	8QAM	1	49	22.03	21.81	21.78				
10	8QAM	25	0	20.80	20.98	21.05				
10	8QAM	25	12	21.06	20.87	21.10	22	3		
10	8QAM	25	25	20.94	21.02	21.09				
10	8QAM	50	0	20.94	20.91	21.00				
Channel							26715	26865	27015	
Frequency (MHz)							816.5	831.5	846.5	
5	QPSK	1	0	23.83	23.88	23.82	25	0		
5	QPSK	1	12	23.84	23.83	23.81				
5	QPSK	1	24	23.70	23.64	23.73				
5	QPSK	12	0	22.97	23.05	22.94	24	1		
5	QPSK	12	7	22.95	22.81	22.86				
5	QPSK	12	13	22.93	22.97	22.92				
5	QPSK	25	0	23.02	22.97	22.72	24	1		
5	16QAM	1	0	23.22	23.29	23.26				
5	16QAM	1	12	23.20	23.19	23.33				
5	16QAM	1	24	23.18	23.18	23.15	23	2		
5	16QAM	12	0	21.92	21.94	21.77				
5	16QAM	12	7	21.97	21.85	21.84				
5	16QAM	12	13	22.02	21.84	21.98	23	2		
5	16QAM	25	0	22.08	21.86	21.94				
5	8QAM	1	0	22.12	21.71	21.76				
5	8QAM	1	12	22.07	22.16	21.97	23	2		
5	8QAM	1	24	22.12	21.80	21.85				
5	8QAM	12	0	20.70	20.88	20.88				
5	8QAM	12	7	21.04	20.82	21.10	22	3		
5	8QAM	12	13	20.92	21.09	21.02				
5	8QAM	25	0	21.00	20.86	21.01				
Channel							26705	26865	27025	
Frequency (MHz)							815.5	831.5	847.5	
3	QPSK	1	0	23.84	23.90	23.77	25	0		
3	QPSK	1	8	23.82	23.78	23.77				
3	QPSK	1	14	23.72	23.68	23.73				
3	QPSK	8	0	23.02	23.01	22.92	24	1		
3	QPSK	8	4	23.01	22.80	22.87				
3	QPSK	8	7	22.95	22.94	22.94				
3	QPSK	15	0	23.03	22.98	22.78	24	1		
3	16QAM	1	0	23.16	23.32	23.17				
3	16QAM	1	8	23.19	23.22	23.26				
3	16QAM	1	14	23.23	23.19	23.22	23	2		
3	16QAM	8	0	21.87	22.01	21.76				
3	16QAM	8	4	21.97	21.87	21.87				
3	16QAM	8	7	22.09	21.83	21.92	23	2		
3	16QAM	15	0	22.09	21.86	21.90				
3	8QAM	1	0	22.13	21.80	21.75				
3	8QAM	1	8	22.05	22.14	22.02	23	2		
3	8QAM	1	14	22.03	21.81	21.78				
3	8QAM	8	0	20.84	20.92	21.07				
3	8QAM	8	4	21.06	20.88	21.03	22	3		
3	8QAM	8	7	20.96	21.01	20.99				
3	8QAM	15	0	20.91	20.85	20.98				
Channel							26697	26865	27033	
Frequency (MHz)							814.7	831.5	848.3	
1.4	QPSK	1	0	23.81	23.94	23.74	25	0		
1.4	QPSK	1	3	23.76	23.77	23.74				
1.4	QPSK	1	5	23.75	23.64	23.69				
1.4	QPSK	3	0	23.72	23.83	23.59	24	1		
1.4	QPSK	3	1	23.68	23.62	23.61				
1.4	QPSK	3	3	23.70	23.54	23.56				
1.4	QPSK	6	0	23.03	22.96	22.72	24	1		
1.4	16QAM	1	0	23.16	23.33	23.21				
1.4	16QAM	1	3	23.18	23.23	23.35				
1.4	16QAM	1	5	23.23	23.14	23.24	24	1		
1.4	16QAM	3	0	23.09	23.28	23.10				
1.4	16QAM	3	1	23.06	23.16	23.25				
1.4	16QAM	3	3	23.09	23.05	23.15	23	2		
1.4	16QAM	6	0	22.13	21.86	21.89				
1.4	8QAM	1	0	22.01	21.63	21.65				
1.4	8QAM	1	3	22.00	22.03	21.92	23	2		
1.4	8QAM	1	5	22.01	21.73	21.81				
1.4	8QAM	3	0	22.03	21.64	21.70				
1.4	8QAM	3	1	22.01	22.03	21.92	22	3		
1.4	8QAM	3	3	21.95	21.70	21.72				
1.4	8QAM	6	0	20.91	20.91	20.98				

Band 66_Ant 3											
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	1733					
20	QPSK	1	0	17.35	17.45	17.33	18.5	0			
20	QPSK	1	49	17.30	17.30	17.35					
20	QPSK	1	99	17.29	17.30	17.30					
20	QPSK	50	0	17.35	17.40	17.30	18.5	0			
20	QPSK	50	24	17.34	17.38	17.25					
20	QPSK	50	50	17.34	17.30	17.28					
20	QPSK	100	0	17.24	17.38	17.19	18.5	0			
20	16QAM	1	0	17.29	17.43	17.29					
20	16QAM	1	49	17.23	17.33	17.26					
20	16QAM	1	99	17.35	17.41	17.30	18.5	0			
20	16QAM	50	0	17.23	17.37	17.31					
20	16QAM	50	24	17.31	17.39	17.31					
20	16QAM	50	50	17.29	17.44	17.18	18.5	0			
20	16QAM	100	0	17.23	17.42	17.26					
20	64QAM	1	0	17.37	17.43	17.30					
20	64QAM	1	49	17.27	17.39	17.21	18.5	0			
20	64QAM	1	99	17.32	17.36	17.27					
20	64QAM	50	0	17.23	17.37	17.20					
20	64QAM	50	24	17.37	17.31	17.26	18.5	0			
20	64QAM	50	50	17.30	17.31	17.25					
20	64QAM	100	0	17.32	17.30	17.21					
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1717.5	1745	1772.5					
15	QPSK	1	0	17.29	17.42	17.25	18.5	0			
15	QPSK	1	37	17.27	17.27	17.19					
15	QPSK	1	74	17.23	17.28	17.27					
15	QPSK	36	0	17.29	17.32	17.19	18.5	0			
15	QPSK	36	20	17.21	17.33	17.18					
15	QPSK	36	39	17.32	17.25	17.18					
15	QPSK	75	0	17.09	17.26	17.12	18.5	0			
15	16QAM	1	0	17.23	17.31	17.26					
15	16QAM	1	37	17.22	17.27	17.23					
15	16QAM	1	74	17.22	17.36	17.22	18.5	0			
15	16QAM	36	0	17.13	17.31	17.19					
15	16QAM	36	20	17.25	17.34	17.19					
15	16QAM	36	39	17.26	17.33	17.07	18.5	0			
15	16QAM	75	0	17.13	17.30	17.26					
15	64QAM	1	0	17.29	17.38	17.21					
15	64QAM	1	37	17.15	17.29	17.13	18.5	0			
15	64QAM	1	74	17.21	17.25	17.26					
15	64QAM	36	0	17.20	17.27	17.11					
15	64QAM	36	20	17.27	17.17	17.20	18.5	0			
15	64QAM	36	39	17.17	17.28	17.23					
15	64QAM	75	0	17.21	17.17	17.20					
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1715	1745	1775					
10	QPSK	1	0	17.27	17.33	17.18	18.5	0			
10	QPSK	1	25	17.21	17.20	17.22					
10	QPSK	1	49	17.14	17.26	17.31					
10	QPSK	25	0	17.31	17.25	17.24	18.5	0			
10	QPSK	25	12	17.29	17.32	17.19					
10	QPSK	25	25	17.22	17.18	17.18					
10	QPSK	50	0	17.14	17.25	17.16	18.5	0			
10	16QAM	1	0	17.18	17.30	17.19					
10	16QAM	1	25	17.10	17.22	17.16					
10	16QAM	1	49	17.22	17.27	17.21	18.5	0			
10	16QAM	25	0	17.14	17.30	17.25					
10	16QAM	25	12	17.27	17.30	17.24					
10	16QAM	25	25	17.26	17.29	17.10	18.5	0			
10	16QAM	50	0	17.22	17.41	17.19					
10	64QAM	1	0	17.36	17.40	17.15					
10	64QAM	1	25	17.25	17.25	17.14	18.5	0			
10	64QAM	1	49	17.26	17.32	17.22					
10	64QAM	25	0	17.20	17.35	17.14					
10	64QAM	25	12	17.25	17.29	17.20	18.5	0			
10	64QAM	25	25	17.23	17.18	17.15					
10	64QAM	50	0	17.26	17.16	17.16					
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1712.5	1745	1777.5					
5	QPSK	1	0	17.25	17.33	17.21	18.5	0			
5	QPSK	1	12	17.17	17.21	17.31					
5	QPSK	1	24	17.20	17.23	17.30					
5	QPSK	12	0	17.21	17.39	17.23	18.5	0			
5	QPSK	12	7	17.22	17.23	17.19					
5	QPSK	12	13	17.20	17.19	17.20					
5	QPSK	25	0	17.10	17.32	17.12	18.5	0			
5	16QAM	1	0	17.23	17.36	17.25					
5	16QAM	1	12	17.22	17.24	17.13					
5	16QAM	1	24	17.33	17.28	17.26	18.5	0			
5	16QAM	12	0	17.14	17.22	17.24					
5	16QAM	12	7	17.28	17.29	17.29					
5	16QAM	12	13	17.26	17.33	17.10	18.5	0			
5	16QAM	25	0	17.18	17.41	17.14					
5	64QAM	1	0	17.26	17.36	17.29					
5	64QAM	1	12	17.25	17.36	17.08	18.5	0			
5	64QAM	1	24	17.22	17.28	17.23					
5	64QAM	12	0	17.12	17.23	17.13					
5	64QAM	12	7	17.23	17.29	17.17	18.5	0			
5	64QAM	12	13	17.18	17.30	17.10					
5	64QAM	25	0	17.17	17.27	17.13					
Channel				131967	132322	132657	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1711.5	1745	1778.5					
3	QPSK	1	0	17.33	17.34	17.21	18.5	0			
3	QPSK	1	8	17.24	17.25	17.27					
3	QPSK	1	14	17.17	17.23	17.18					
3	QPSK	8	0	17.20	17.26	17.22	18.5	0			
3	QPSK	8	4	17.21	17.35	17.13					
3	QPSK	8	7	17.20	17.23	17.24					
3	QPSK	15	0	17.10	17.26	17.14	18.5	0			
3	16QAM	1	0	17.15	17.30	17.19					
3	16QAM	1	8	17.15	17.25	17.14					
3	16QAM	1	14	17.26	17.31	17.18	18.5	0			
3	16QAM	8	0	17.22	17.32	17.26					
3	16QAM	8	4	17.26	17.32	17.24					
3	16QAM	8	7	17.26	17.36	17.03	18.5	0			
3	16QAM	15	0	17.10	17.29	17.20					
3	64QAM	1	0	17.24	17.42	17.27					
3	64QAM	1	8	17.26	17.36	17.17	18.5	0			
3	64QAM	1	14	17.24	17.30	17.13					
3	64QAM	8	0	17.18	17.31	17.06					
3	64QAM	8	4	17.29	17.26	17.25	18.5	0			
3	64QAM	8	7	17.27	17.25	17.11					
3	64QAM	15	0	17.24	17.20	17.19					
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1710.7	1745	1779.3					
1.4	QPSK	1	0	17.32	17.43	17.29	18.5	0			
1.4	QPSK	1	3	17.26	17.28	17.19					
1.4	QPSK	1	5	17.25	17.16	17.17					
1.4	QPSK	3	0	17.24	17.36	17.26	18.5	0			
1.4	QPSK	3	1	17.31	17.37	17.15					
1.4	QPSK	3	3	17.30	17.16	17.15					
1.4	QPSK	6	0	17.12	17.26	17.18	18.5	0			
1.4	16QAM	1	0	17.24	17.3	17.19					
1.4	16QAM	1	3	17.18	17.32	17.15					
1.4	16QAM	1	5	17.26	17.26	17.25	18.5	0			
1.4	16QAM	3	0	17.17	17.34	17.29					
1.4	16QAM	3	1	17.28	17.28	17.22					
1.4	16QAM	3	3	17.27	17.42	17.05	18.5	0			
1.4	16QAM	6	0	17.20	17.30	17.24					
1.4	64QAM	1	0	17.29	17.28	17.20					
1.4	64QAM	1	3	17.17	17.29	17.10	18.5	0			
1.4	64QAM	1	5	17.30	17.29	17.19					
1.4	64QAM	3	0	17.21	17.25	17.09					
1.4	64QAM	3	1	17.31	17.26	17.23	18.5	0			
1.4	64QAM	3	3	17.21	17.17	17.17					
1.4	64QAM	6	0	17.21	17.21	17.09					

Band 38_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	23.40	23.38	23.35	24.5	0		
20	QPSK	1	49	23.39	23.19	23.31				
20	QPSK	1	99	23.35	23.25	23.29				
20	QPSK	50	0	22.62	22.57	22.55	23.5	1		
20	QPSK	50	24	22.47	22.30	22.50				
20	QPSK	50	50	22.48	22.53	22.33				
20	QPSK	100	0	22.60	22.46	22.50	23.5	1		
20	16QAM	1	0	22.21	22.36	22.40				
20	16QAM	1	49	22.20	22.28	22.30				
20	16QAM	1	99	22.22	22.37	22.10	22.5	2		
20	16QAM	50	0	21.88	21.49	21.47				
20	16QAM	50	24	21.63	21.56	21.74				
20	16QAM	50	50	21.42	21.62	21.63	22.5	2		
20	16QAM	100	0	21.47	21.51	21.33				
20	64QAM	1	0	21.48	21.40	21.35				
20	64QAM	1	49	21.23	21.40	21.41	22.5	2		
20	64QAM	1	99	21.35	21.38	21.25				
20	64QAM	50	0	20.58	20.40	20.42				
20	64QAM	50	24	20.51	20.60	20.69	21.5	3		
20	64QAM	50	50	20.48	20.30	20.57				
20	64QAM	100	0	20.58	20.58	20.51				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	23.35	23.26	23.29	24.5	0		
15	QPSK	1	37	23.25	23.14	23.23				
15	QPSK	1	74	23.29	23.18	23.14				
15	QPSK	36	0	22.57	22.43	22.44	23.5	1		
15	QPSK	36	20	22.40	22.19	22.44				
15	QPSK	36	39	22.42	22.47	22.21				
15	QPSK	75	0	22.48	22.31	22.44	23.5	1		
15	16QAM	1	0	22.06	22.23	22.35				
15	16QAM	1	37	22.12	22.22	22.20				
15	16QAM	1	74	22.12	22.31	22.05	22.5	2		
15	16QAM	36	0	21.56	21.43	21.32				
15	16QAM	36	20	21.54	21.40	21.68				
15	16QAM	36	39	21.36	21.49	21.55	22.5	2		
15	16QAM	75	0	21.40	21.44	21.24				
15	64QAM	1	0	21.37	21.25	21.30				
15	64QAM	1	37	21.08	21.28	21.28	22.5	2		
15	64QAM	1	74	21.23	21.30	21.19				
15	64QAM	36	0	20.50	20.32	20.33				
15	64QAM	36	20	20.42	20.46	20.55	21.5	3		
15	64QAM	36	39	20.43	20.16	20.44				
15	64QAM	75	0	20.45	20.51	20.40				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	23.35	23.26	23.28	24.5	0		
10	QPSK	1	25	23.34	23.04	23.20				
10	QPSK	1	49	23.29	23.13	23.20				
10	QPSK	25	0	22.57	22.46	22.50	23.5	1		
10	QPSK	25	12	22.38	22.25	22.45				
10	QPSK	25	25	22.35	22.42	22.26				
10	QPSK	50	0	22.55	22.39	22.45	23.5	1		
10	16QAM	1	0	22.14	22.27	22.33				
10	16QAM	1	25	22.09	22.23	22.16				
10	16QAM	1	49	22.15	22.28	21.99	22.5	2		
10	16QAM	25	0	21.63	21.34	21.37				
10	16QAM	25	12	21.51	21.41	21.64				
10	16QAM	25	25	21.32	21.49	21.55	22.5	2		
10	16QAM	50	0	21.39	21.42	21.19				
10	64QAM	1	0	21.34	21.30	21.30				
10	64QAM	1	25	21.08	21.35	21.27	22.5	2		
10	64QAM	1	49	21.25	21.24	21.10				
10	64QAM	25	0	20.46	20.32	20.33				
10	64QAM	25	12	20.38	20.51	20.56	21.5	3		
10	64QAM	25	25	20.35	20.21	20.49				
10	64QAM	50	0	20.45	20.51	20.47				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	23.33	23.23	23.29	24.5	0		
5	QPSK	1	12	23.33	23.13	23.22				
5	QPSK	1	24	23.23	23.16	23.22				
5	QPSK	12	0	22.52	22.45	22.45	23.5	1		
5	QPSK	12	7	22.42	22.23	22.39				
5	QPSK	12	13	22.38	22.43	22.22				
5	QPSK	25	0	22.47	22.39	22.45	23.5	1		
5	16QAM	1	0	22.11	22.31	22.25				
5	16QAM	1	12	22.15	22.18	22.17				
5	16QAM	1	24	22.15	22.27	21.98	22.5	2		
5	16QAM	12	0	21.57	21.37	21.39				
5	16QAM	12	7	21.48	21.47	21.66				
5	16QAM	12	13	21.29	21.54	21.55	22.5	2		
5	16QAM	25	0	21.39	21.44	21.22				
5	64QAM	1	0	21.42	21.26	21.27				
5	64QAM	1	12	21.14	21.32	21.30	22.5	2		
5	64QAM	1	24	21.24	21.27	21.16				
5	64QAM	12	0	20.43	20.28	20.31				
5	64QAM	12	7	20.39	20.45	20.64	21.5	3		
5	64QAM	12	13	20.40	20.25	20.42				
5	64QAM	25	0	20.53	20.46	20.46				

Band 38_Ant 3										
BW [MHz]	Modulatio n	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	18.08	17.95	17.92	18.5	0		
20	QPSK	1	49	17.93	17.83	17.91				
20	QPSK	1	99	18.04	17.85	17.78				
20	QPSK	50	0	18.03	17.91	17.90	18.5	0		
20	QPSK	50	24	18.00	17.90	17.83				
20	QPSK	50	50	17.93	17.83	17.83				
20	QPSK	100	0	18.00	17.88	17.87	18.5	0		
20	16QAM	1	0	18.01	17.89	17.81				
20	16QAM	1	49	18.07	17.82	17.85				
20	16QAM	1	99	17.95	17.92	17.85	18.5	0		
20	16QAM	50	0	18.03	17.92	17.80				
20	16QAM	50	24	17.96	17.95	17.87				
20	16QAM	50	50	18.01	17.83	17.83	18.5	0		
20	16QAM	100	0	17.99	17.85	17.79				
20	64QAM	1	0	18.06	17.93	17.80				
20	64QAM	1	49	17.98	17.89	17.90	18.5	0		
20	64QAM	1	99	17.99	17.82	17.89				
20	64QAM	50	0	17.93	17.84	17.80				
20	64QAM	50	24	18.00	17.81	17.90	18.5	0		
20	64QAM	50	50	18.04	17.90	17.91				
20	64QAM	100	0	18.04	17.83	17.91				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	18.01	17.84	17.79	18.5	0		
15	QPSK	1	37	17.88	17.70	17.84				
15	QPSK	1	74	17.96	17.76	17.74				
15	QPSK	36	0	17.88	17.78	17.75	18.5	0		
15	QPSK	36	20	17.93	17.85	17.73				
15	QPSK	36	39	17.91	17.70	17.78				
15	QPSK	75	0	17.88	17.84	17.75	18.5	0		
15	16QAM	1	0	17.96	17.80	17.71				
15	16QAM	1	37	17.95	17.71	17.79				
15	16QAM	1	74	17.98	17.86	17.78	18.5	0		
15	16QAM	36	0	17.98	17.77	17.76				
15	16QAM	36	20	17.82	17.93	17.78				
15	16QAM	36	39	18.00	17.80	17.76	18.5	0		
15	16QAM	75	0	17.91	17.78	17.77				
15	64QAM	1	0	17.99	17.84	17.72				
15	64QAM	1	37	17.96	17.98	17.85	18.5	0		
15	64QAM	1	74	17.87	17.71	17.71				
15	64QAM	36	0	17.79	17.82	17.68				
15	64QAM	36	20	17.97	17.72	17.83	18.5	0		
15	64QAM	36	39	17.94	17.81	17.83				
15	64QAM	75	0	17.95	17.79	17.80				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	18.02	17.83	17.77	18.5	0		
10	QPSK	1	25	17.84	17.75	17.90				
10	QPSK	1	49	17.97	17.82	17.65				
10	QPSK	25	0	17.92	17.87	17.85	18.5	0		
10	QPSK	25	12	17.94	17.78	17.80				
10	QPSK	25	25	17.80	17.81	17.69				
10	QPSK	50	0	17.91	17.78	17.75	18.5	0		
10	16QAM	1	0	17.92	17.87	17.74				
10	16QAM	1	25	17.97	17.74	17.80				
10	16QAM	1	49	17.82	17.86	17.80	18.5	0		
10	16QAM	25	0	17.97	17.84	17.66				
10	16QAM	25	12	17.91	17.92	17.78				
10	16QAM	25	25	17.90	17.81	17.76	18.5	0		
10	16QAM	50	0	17.97	17.80	17.81				
10	64QAM	1	0	18.04	17.82	17.66				
10	64QAM	1	25	17.88	17.76	17.89	18.5	0		
10	64QAM	1	49	17.97	17.67	17.83				
10	64QAM	25	0	17.79	17.77	17.75				
10	64QAM	25	12	17.92	17.74	17.85	18.5	0		
10	64QAM	25	25	18.00	17.85	17.81				
10	64QAM	50	0	17.90	17.81	17.86				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	18.06	17.83	17.86	18.5	0		
5	QPSK	1	12	17.91	17.74	17.81				
5	QPSK	1	24	18.02	17.70	17.68				
5	QPSK	12	0	17.93	17.79	17.76	18.5	0		
5	QPSK	12	7	17.91	17.82	17.69				
5	QPSK	12	13	17.86	17.74	17.77				
5	QPSK	25	0	17.87	17.75	17.83	18.5	0		
5	16QAM	1	0	17.99	17.78	17.77				
5	16QAM	1	12	18.05	17.71	17.79				
5	16QAM	1	24	17.94	17.89	17.83	18.5	0		
5	16QAM	12	0	17.91	17.89	17.65				
5	16QAM	12	7	17.93	17.83	17.81				
5	16QAM	12	13	17.97	17.79	17.74	18.5	0		
5	16QAM	25	0	17.95	17.70	17.67				
5	64QAM	1	0	18.03	17.81	17.85				
5	64QAM	1	12	17.86	17.79	17.81	18.5	0		
5	64QAM	1	24	17.96	17.67	17.83				
5	64QAM	12	0	17.80	17.70	17.66				
5	64QAM	12	7	17.86	17.68	17.74	18.5	0		
5	64QAM	12	13	18.02	17.85	17.80				
5	64QAM	25	0	17.90	17.74	17.80				

Band 41_Ant 2

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	23.80	23.70	23.36	23.29	23.35	24.5	0
20	QPSK	1	49	23.74	23.68	23.28	23.17	23.31		
20	QPSK	1	99	23.57	23.51	23.32	23.25	23.30		
20	QPSK	50	0	22.92	22.90	22.50	22.45	22.45	23.5	1
20	QPSK	50	24	22.88	22.83	22.47	22.42	22.38		
20	QPSK	50	50	22.80	22.85	22.43	22.36	22.33		
20	QPSK	100	0	22.89	22.75	22.41	22.26	22.42	23.5	1
20	16QAM	1	0	22.58	22.53	22.63	22.57	22.42		
20	16QAM	1	49	22.92	22.86	22.45	22.31	22.38		
20	16QAM	1	99	22.67	22.58	22.28	22.13	22.45	22.5	2
20	16QAM	50	0	21.87	21.74	21.47	21.36	21.31		
20	16QAM	50	24	21.79	21.71	21.44	21.36	21.34		
20	16QAM	50	50	21.86	21.76	21.36	21.24	21.39	22.5	2
20	16QAM	100	0	21.80	21.70	21.47	21.32	21.30		
20	64QAM	1	0	21.50	21.35	21.41	21.33	21.35		
20	64QAM	1	49	21.42	21.30	21.13	21.04	21.30	22.5	2
20	64QAM	1	99	21.47	21.36	21.19	21.07	21.57		
20	64QAM	50	0	20.70	20.56	20.40	20.26	20.32		
20	64QAM	50	24	20.75	20.68	20.46	20.36	20.33	21.5	3
20	64QAM	50	50	20.78	20.73	20.54	20.41	20.33		
20	64QAM	100	0	20.57	20.52	20.40	20.25	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	23.74	23.64	23.31	23.16	23.23	24.5	0
15	QPSK	1	37	23.59	23.59	23.13	23.12	23.26		
15	QPSK	1	74	23.42	23.43	23.14	23.12	23.17		
15	QPSK	36	0	22.82	22.85	22.45	22.45	22.32	23.5	1
15	QPSK	36	20	22.63	22.39	22.38	22.36	22.26		
15	QPSK	36	39	22.77	22.72	22.38	22.24	22.21		
15	QPSK	75	0	22.78	22.64	22.31	22.15	22.40	23.5	1
15	16QAM	1	0	22.48	22.44	22.56	22.56	22.38		
15	16QAM	1	37	22.78	22.78	22.32	22.23	22.31		
15	16QAM	1	74	22.56	22.45	22.20	22.04	22.30	22.5	2
15	16QAM	36	0	21.71	21.60	21.39	21.21	21.29		
15	16QAM	36	20	21.88	21.57	21.37	21.25	21.33		
15	16QAM	36	39	21.73	21.70	21.30	21.13	21.24	22.5	2
15	16QAM	75	0	21.67	21.56	21.32	21.24	21.27		
15	64QAM	1	0	21.43	21.24	21.29	21.21	21.24		
15	64QAM	1	37	21.34	21.21	21.03	21.00	21.18	22.5	2
15	64QAM	1	74	21.33	21.21	21.11	20.97	21.48		
15	64QAM	36	0	20.82	20.51	20.27	20.14	20.31		
15	64QAM	36	20	20.69	20.53	20.41	20.29	20.31	21.5	3
15	64QAM	36	39	20.66	20.61	20.41	20.34	20.32		
15	64QAM	75	0	20.44	20.46	20.33	20.10	20.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.68	23.55	23.30	23.19	23.31	24.5	0
10	QPSK	1	25	23.60	23.55	23.21	23.04	23.24		
10	QPSK	1	49	23.45	23.42	23.19	23.20	23.15		
10	QPSK	25	0	22.77	22.79	22.33	22.35	22.45	23.5	1
10	QPSK	25	12	22.56	22.47	22.33	22.30	22.24		
10	QPSK	25	25	22.83	22.72	22.32	22.27	22.21		
10	QPSK	50	0	22.79	22.65	22.35	22.16	22.27	23.5	1
10	16QAM	1	0	22.45	22.40	22.51	22.42	22.36		
10	16QAM	1	25	22.80	22.73	22.39	22.23	22.31		
10	16QAM	1	49	22.55	22.45	22.14	22.01	22.30	22.5	2
10	16QAM	25	0	21.72	21.65	21.34	21.29	21.16		
10	16QAM	25	12	21.67	21.66	21.38	21.34	21.31		
10	16QAM	25	25	21.73	21.68	21.23	21.21	21.34	22.5	2
10	16QAM	50	0	21.70	21.62	21.37	21.22	21.25		
10	64QAM	1	0	21.36	21.25	21.31	21.29	21.31		
10	64QAM	1	25	21.31	21.20	21.07	20.90	21.16	22.5	2
10	64QAM	1	49	21.34	21.26	21.07	20.95	21.42		
10	64QAM	25	0	20.59	20.47	20.25	20.20	20.19		
10	64QAM	25	12	20.64	20.59	20.40	20.26	20.33	21.5	3
10	64QAM	25	25	20.69	20.62	20.41	20.35	20.31		
10	64QAM	50	0	20.49	20.38	20.35	20.17	20.38		
Channel				39675	40148	40620	41083	41585	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				2498.5	2545.8	2593	2640.80	2697.6		
5	QPSK	1	0	23.70	23.56	23.25	23.16	23.34	24.5	0
5	QPSK	1	12	23.64	23.53	23.13	23.10	23.16		
5	QPSK	1	24	23.45	23.39	23.19	23.16	23.16		
5	QPSK	12	0	22.79	22.82	22.38	22.35	22.34	23.5	1
5	QPSK	12	7	22.60	22.47	22.32	22.37	22.28		
5	QPSK	12	13	22.81	22.76	22.30	22.30	22.31		
5	QPSK	25	0	22.76	22.62	22.34	22.16	22.34	23.5	1
5	16QAM	1	0	22.43	22.44	22.53	22.56	22.36		
5	16QAM	1	12	22.80	22.77	22.31	22.19	22.32		
5	16QAM	1	24	22.57	22.45	22.19	22.02	22.35	22.5	2
5	16QAM	12	0	21.78	21.65	21.42	21.27	21.31		
5	16QAM	12	7	21.65	21.66	21.39	21.34	21.24		
5	16QAM	12	13	21.78	21.70	21.30	21.23	21.32	22.5	2
5	16QAM	25	0	21.73	21.56	21.42	21.28	21.17		
5	64QAM	1	0	21.41	21.22	21.27	21.28	21.20		
5	64QAM	1	12	21.31	21.18	21.01	20.89	21.28	22.5	2
5	64QAM	1	24	21.35	21.23	21.05	21.04	21.47		
5	64QAM	12	0	20.63	20.45	20.31	20.14	20.25		
5	64QAM	12	7	20.68	20.55	20.37	20.33	20.30	21.5	3
5	64QAM	12	13	20.73	20.68	20.45	20.31	20.32		
5	64QAM	25	0	20.48	20.40	20.25	20.12	20.24		

Band 41_Ant 3

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	18.05	17.98	17.95	18.02	17.83	18.5	0
20	QPSK	1	49	17.94	17.94	17.93	17.99	17.73		
20	QPSK	1	99	18.00	17.97	17.90	17.90	17.73		
20	QPSK	50	0	18.02	17.95	17.90	18.00	17.80	18.5	0
20	QPSK	50	24	17.97	17.85	17.83	17.97	17.72		
20	QPSK	50	50	18.01	17.92	17.86	17.93	17.79		
20	QPSK	100	0	18.01	17.83	17.82	17.91	17.79	18.5	0
20	16QAM	1	0	17.98	17.88	17.85	17.91	17.77		
20	16QAM	1	49	17.96	17.87	17.86	18.01	17.73		
20	16QAM	1	99	17.90	17.91	17.83	18.01	17.68	18.5	0
20	16QAM	50	0	17.91	17.89	17.82	17.99	17.68		
20	16QAM	50	24	18.04	17.97	17.94	17.94	17.68		
20	16QAM	50	50	18.04	17.91	17.86	17.95	17.76	18.5	0
20	16QAM	100	0	17.96	17.86	17.90	17.92	17.82		
20	64QAM	1	0	18.04	17.89	17.93	17.87	17.73		
20	64QAM	1	49	17.97	17.87	17.84	17.96	17.82	18.5	0
20	64QAM	1	99	17.93	17.90	17.82	17.87	17.73		
20	64QAM	50	0	17.97	17.96	17.90	18.00	17.82		
20	64QAM	50	24	17.90	17.97	17.89	18.01	17.78	18.5	0
20	64QAM	50	50	17.91	17.95	17.89				
20	64QAM	100	0	17.93	17.84	17.91	17.95	17.79		
Channel				30235	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2548.3	2592.9	2637.8	2682.5		
15	QPSK	1	0	18.03	17.91	17.88	17.89	17.72	18.5	0
15	QPSK	1	37	17.84	17.83	17.83	17.95	17.60		
15	QPSK	1	74	17.86	17.83	17.77	17.76	17.68		
15	QPSK	36	0	17.98	17.88	17.87	17.98	17.74	18.5	0
15	QPSK	36	20	17.89	17.74	17.73	17.79	17.67		
15	QPSK	36	39	17.89	17.82	17.71	17.88	17.66		
15	QPSK	75	0	17.89	17.78	17.69	17.88	17.66	18.5	0
15	16QAM	1	0	17.92	17.79	17.84	17.79	17.69		
15	16QAM	1	37	17.92	17.84	17.76	17.95	17.65		
15	16QAM	1	74	17.89	17.80	17.80	18.00	17.60	18.5	0
15	16QAM	36	0	17.91	17.82	17.70	17.87	17.56		
15	16QAM	36	20	17.90	17.87	17.84	17.81	17.67		
15	16QAM	36	39	18.03	17.86	17.72	17.92	17.74	18.5	0
15	16QAM	75	0	17.94	17.80	17.82	17.87	17.80		
15	64QAM	1	0	17.97	17.84	17.87	17.72	17.58		
15	64QAM	1	37	17.91	17.78	17.75	17.88	17.79	18.5	0
15	64QAM	1	74	17.78	17.87	17.76	17.77	17.67		
15	64QAM	36	0	17.95	17.85	17.75	17.94	17.73		
15	64QAM	36	20	17.84	17.89	17.80	17.94	17.63	18.5	0
15	64QAM	36	39	17.77	17.80	17.77	17.82	17.75		
15	64QAM	75	0	17.88	17.74	17.85	17.94	17.66		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2549.3	2593.9	2638.9	2683.5		
10	QPSK	1	0	18.00	17.92	17.84	17.94	17.76	18.5	0
10	QPSK	1	25	17.89	17.90	17.90	17.88	17.59		
10	QPSK	1	49	17.87	17.91	17.84	17.83	17.67		
10	QPSK	25	0	17.93	17.82	17.81	17.89	17.68	18.5	0
10	QPSK	25	12	17.82	17.76	17.80	17.88	17.69		
10	QPSK	25	25	18.00	17.82	17.83	17.84	17.74		
10	QPSK	50	0	17.92	17.73	17.75	17.77	17.69	18.5	0
10	16QAM	1	0	17.92	17.74	17.81	17.86	17.63		
10	16QAM	1	25	17.83	17.81	17.76	17.95	17.71		
10	16QAM	1	49	17.88	17.79	17.82	17.88	17.60	18.5	0
10	16QAM	25	0	17.84	17.74	17.79	17.85	17.63		
10	16QAM	25	12	17.86	17.86	17.87	17.87	17.56		
10	16QAM	25	25	17.97	17.81	17.82	17.81	17.70	18.5	0
10	16QAM	50	0	17.89	17.76	17.79	17.77	17.80		
10	64QAM	1	0	17.90	17.86	17.84	17.76	17.69		
10	64QAM	1	25	17.88	17.85	17.89	17.94	17.69	18.5	0
10	64QAM	1	49	17.80	17.79	17.77	17.74	17.64		
10	64QAM	25	0	17.89	17.84	17.84	17.94	17.85		
10	64QAM	25	12	17.84	17.85	17.80	17.88	17.65	18.5	0
10	64QAM	25	25	17.78	17.89	17.86	17.93	17.69		
10	64QAM	50	0	17.92	17.81	17.76	17.93	17.67		
Channel				36675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2488.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.95	17.87	17.84	17.90	17.68	18.5	0
5	QPSK	1	12	17.89	17.81	17.86	17.87	17.70		
5	QPSK	1	24	17.91	17.86	17.86	17.87	17.62		
5	QPSK	12	0	17.99	17.80	17.83	17.96	17.66	18.5	0
5	QPSK	12	7	17.92	17.80	17.80	17.94	17.66		
5	QPSK	12	13	17.96	17.89	17.72	17.88	17.72		
5	QPSK	25	0	17.91	17.73	17.72	17.84	17.69	18.5	0
5	16QAM	1	0	17.86	17.84	17.79	17.86	17.64		
5	16QAM	1	12	17.91	17.88	17.74	17.87	17.59		
5	16QAM	1	24	17.82	17.85	17.82	17.98	17.58	18.5	0
5	16QAM	12	0	17.87	17.83	17.69	17.92	17.67		
5	16QAM	12	7	18.03	17.90	17.91	17.92	17.64		
5	16QAM	12	13	18.00	17.82	17.83	17.93	17.63	18.5	0
5	16QAM	25	0	17.89	17.80	17.85	17.88	17.80		
5	64QAM	1	0	18.00	17.85	17.92	17.85	17.59		
5	64QAM	1	12	17.88	17.78	17.78	17.86	17.75	18.5	0
5	64QAM	1	24	17.90	17.76	17.79	17.86	17.58		
5	64QAM	12	0	17.91	17.82	17.85	17.87	17.74		
5	64QAM	12	7	17.79	17.82	17.76	17.88	17.75	18.5	0
5	64QAM	12	13	17.83	17.83	17.86	17.86	17.67		
5	64QAM	25	0	17.89	17.77	17.78	17.88	17.77		

Band 48_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				55340	55830	56150	56640			
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	17.50	17.70	17.65	17.66	18	0	
20	QPSK	1	49	17.40	17.56	17.58	17.65			
20	QPSK	1	99	17.43	17.64	17.61	17.64			
20	QPSK	50	0	17.48	17.68	17.64	17.63			
20	QPSK	50	24	17.44	17.64	17.62	17.60	18	0	
20	QPSK	50	50	17.44	17.63	17.61	17.57			
20	QPSK	100	0	17.41	17.66	17.63	17.52			
20	16QAM	1	0	17.42	17.67	17.53	17.55			
20	16QAM	1	49	17.44	17.64	17.64	17.54	18	0	
20	16QAM	1	99	17.41	17.58	17.56	17.55			
20	16QAM	50	0	17.36	17.57	17.53	17.57			
20	16QAM	50	24	17.41	17.67	17.56	17.61			
20	16QAM	50	50	17.49	17.63	17.53	17.58	18	0	
20	16QAM	100	0	17.36	17.57	17.51	17.53			
20	64QAM	1	0	17.47	17.55	17.58	17.61			
20	64QAM	1	49	17.44	17.65	17.55	17.56			
20	64QAM	1	99	17.40	17.58	17.63	17.60	18	0	
20	64QAM	50	0	17.39	17.65	17.59	17.61			
20	64QAM	50	24	17.38	17.64	17.62	17.54			
20	64QAM	50	50	17.42	17.64	17.60	17.65			
20	64QAM	100	0	17.46	17.68	17.58	17.59	Tune-up limit (dBm)		MPR (dB)
Channel				55315	55820	56160	56655			
Frequency (MHz)				3557.5	3608	3642	3692.5			
15	QPSK	1	0	17.47	17.69	17.54	17.54	18	0	
15	QPSK	1	37	17.31	17.53	17.57	17.60			
15	QPSK	1	74	17.40	17.58	17.51	17.55			
15	QPSK	36	0	17.46	17.62	17.62	17.52			
15	QPSK	36	20	17.36	17.51	17.55	17.49	18	0	
15	QPSK	36	39	17.41	17.58	17.58	17.54			
15	QPSK	75	0	17.29	17.53	17.55	17.38			
15	16QAM	1	0	17.27	17.55	17.39	17.45			
15	16QAM	1	37	17.37	17.50	17.51	17.51	18	0	
15	16QAM	1	74	17.31	17.50	17.53	17.52			
15	16QAM	36	0	17.22	17.53	17.43	17.46			
15	16QAM	36	20	17.26	17.56	17.55	17.60			
15	16QAM	36	39	17.35	17.62	17.42	17.51	18	0	
15	16QAM	75	0	17.34	17.44	17.43	17.42			
15	64QAM	1	0	17.44	17.49	17.55	17.59			
15	64QAM	1	37	17.29	17.56	17.40	17.46			
15	64QAM	1	74	17.32	17.43	17.48	17.45	18	0	
15	64QAM	36	0	17.30	17.40	17.49	17.55			
15	64QAM	36	20	17.35	17.61	17.47	17.48			
15	64QAM	36	39	17.33	17.61	17.54	17.51			
15	64QAM	75	0	17.38	17.67	17.50	17.52	Tune-up limit (dBm)		MPR (dB)
Channel				55290	55815	56165	56690			
Frequency (MHz)				3555	3607.5	3642.5	3695			
10	QPSK	1	0	17.47	17.60	17.52	17.54	18	0	
10	QPSK	1	25	17.30	17.41	17.50	17.55			
10	QPSK	1	49	17.29	17.61	17.56	17.62			
10	QPSK	25	0	17.38	17.59	17.57	17.55			
10	QPSK	25	12	17.43	17.60	17.57	17.46	18	0	
10	QPSK	25	25	17.36	17.50	17.55	17.44			
10	QPSK	50	0	17.34	17.63	17.48	17.40			
10	16QAM	1	0	17.28	17.58	17.48	17.46			
10	16QAM	1	25	17.29	17.59	17.60	17.40	18	0	
10	16QAM	1	49	17.38	17.56	17.44	17.42			
10	16QAM	25	0	17.21	17.42	17.49	17.50			
10	16QAM	25	12	17.32	17.59	17.45	17.60			
10	16QAM	25	25	17.39	17.62	17.51	17.44	18	0	
10	16QAM	50	0	17.23	17.54	17.42	17.50			
10	64QAM	1	0	17.34	17.40	17.57	17.57			
10	64QAM	1	25	17.38	17.55	17.51	17.52			
10	64QAM	1	49	17.29	17.47	17.52	17.50	18	0	
10	64QAM	25	0	17.29	17.53	17.52	17.57			
10	64QAM	25	12	17.36	17.60	17.54	17.45			
10	64QAM	25	25	17.33	17.49	17.55	17.60			
10	64QAM	50	0	17.42	17.58	17.43	17.53	Tune-up limit (dBm)		MPR (dB)
Channel				55265	55810	56170	56715			
Frequency (MHz)				3552.5	3607	3643	3697.5			
5	QPSK	1	0	17.46	17.64	17.62	17.62	18	0	
5	QPSK	1	12	17.35	17.55	17.45	17.52			
5	QPSK	1	24	17.31	17.49	17.57	17.60			
5	QPSK	12	0	17.37	17.64	17.61	17.58			
5	QPSK	12	7	17.38	17.56	17.56	17.54	18	0	
5	QPSK	12	13	17.42	17.51	17.55	17.51			
5	QPSK	25	0	17.31	17.52	17.57	17.49			
5	16QAM	1	0	17.29	17.62	17.42	17.51			
5	16QAM	1	12	17.34	17.56	17.52	17.47	18	0	
5	16QAM	1	24	17.40	17.52	17.51	17.44			
5	16QAM	12	0	17.27	17.43	17.42	17.44			
5	16QAM	12	7	17.40	17.58	17.48	17.56			
5	16QAM	12	13	17.45	17.49	17.48	17.45	18	0	
5	16QAM	25	0	17.26	17.51	17.41	17.51			
5	64QAM	1	0	17.44	17.40	17.47	17.53			
5	64QAM	1	12	17.40	17.51	17.48	17.53			
5	64QAM	1	24	17.39	17.56	17.59	17.51	18	0	
5	64QAM	12	0	17.32	17.53	17.44	17.48			
5	64QAM	12	7	17.31	17.57	17.50	17.47			
5	64QAM	12	13	17.28	17.62	17.50	17.53			
5	64QAM	25	0	17.34	17.56	17.46	17.45	Tune-up limit (dBm)		MPR (dB)

Band 48_Ant 4											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				55340	55830	56150	56640				
Frequency (MHz)				3560	3609	3641	3690				
20	QPSK	1	0	18.55	18.68	18.55	18.61	19	0		
20	QPSK	1	49	18.46	18.54	18.54	18.54				
20	QPSK	1	99	18.45	18.60	18.48	18.51				
20	QPSK	50	0	18.52	18.66	18.53	18.60				
20	QPSK	50	24	18.46	18.61	18.46	18.53	19	0		
20	QPSK	50	50	18.50	18.64	18.52	18.51				
20	QPSK	100	0	18.49	18.60	18.43	18.58				
20	16QAM	1	0	18.54	18.56	18.42	18.58				
20	16QAM	1	49	18.54	18.56	18.47	18.53	19	0		
20	16QAM	1	99	18.52	18.57	18.52	18.56				
20	16QAM	50	0	18.42	18.62	18.42	18.47				
20	16QAM	50	24	18.49	18.61	18.41	18.54				
20	16QAM	50	50	18.45	18.67	18.50	18.56	19	0		
20	16QAM	100	0	18.41	18.55	18.41	18.53				
20	64QAM	1	0	18.43	18.54	18.46	18.58				
20	64QAM	1	49	18.53	18.54	18.42	18.47				
20	64QAM	1	99	18.41	18.66	18.53	18.60	19	0		
20	64QAM	50	0	18.46	18.57	18.40	18.51				
20	64QAM	50	24	18.53	18.55	18.50	18.55				
20	64QAM	50	50	18.44	18.62	18.47	18.47	19	0		
20	64QAM	100	0	18.42	18.60	18.40	18.48				
Channel				55315	55820	56160	56665		Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3557.5	3608	3642	3692.5				
15	QPSK	1	0	18.50	18.59	18.47	18.48	19	0		
15	QPSK	1	37	18.41	18.50	18.42	18.49				
15	QPSK	1	74	18.40	18.45	18.39	18.41				
15	QPSK	36	0	18.39	18.55	18.41	18.59				
15	QPSK	36	20	18.35	18.58	18.33	18.43	19	0		
15	QPSK	36	39	18.45	18.56	18.48	18.49				
15	QPSK	75	0	18.46	18.50	18.34	18.55				
15	16QAM	1	0	18.48	18.52	18.41	18.49				
15	16QAM	1	37	18.43	18.53	18.37	18.51	19	0		
15	16QAM	1	74	18.47	18.54	18.42	18.50				
15	16QAM	36	0	18.33	18.47	18.39	18.44				
15	16QAM	36	20	18.36	18.46	18.33	18.41				
15	16QAM	36	39	18.31	18.51	18.39	18.48	19	0		
15	16QAM	75	0	18.36	18.54	18.39	18.40				
15	64QAM	1	0	18.41	18.44	18.46	18.54				
15	64QAM	1	37	18.39	18.53	18.40	18.43				
15	64QAM	1	74	18.36	18.52	18.41	18.46	19	0		
15	64QAM	36	0	18.33	18.51	18.26	18.46				
15	64QAM	36	20	18.52	18.40	18.39	18.54				
15	64QAM	36	39	18.39	18.52	18.36	18.48				
15	64QAM	75	0	18.40	18.50	18.29	18.42	19	0		
Channel				55290	55815	56165	56680				Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695				
10	QPSK	1	0	18.43	18.54	18.44	18.50	19	0		
10	QPSK	1	49	18.32	18.49	18.41	18.42				
10	QPSK	1	49	18.34	18.50	18.37	18.42				
10	QPSK	25	0	18.49	18.65	18.47	18.49				
10	QPSK	25	12	18.35	18.46	18.38	18.50	19	0		
10	QPSK	25	25	18.42	18.53	18.50	18.50				
10	QPSK	50	0	18.37	18.51	18.40	18.48				
10	16QAM	1	0	18.50	18.49	18.30	18.52				
10	16QAM	1	25	18.46	18.55	18.39	18.44	19	0		
10	16QAM	1	49	18.38	18.49	18.42	18.48				
10	16QAM	25	0	18.32	18.57	18.40	18.39				
10	16QAM	25	12	18.39	18.54	18.27	18.43				
10	16QAM	25	25	18.37	18.60	18.35	18.41	19	0		
10	16QAM	50	0	18.36	18.54	18.34	18.42				
10	64QAM	1	0	18.40	18.49	18.39	18.46				
10	64QAM	1	25	18.49	18.42	18.34	18.48				
10	64QAM	1	49	18.35	18.51	18.46	18.59	19	0		
10	64QAM	25	0	18.40	18.50	18.38	18.44				
10	64QAM	25	12	18.38	18.48	18.42	18.52				
10	64QAM	25	25	18.35	18.57	18.35	18.45				
10	64QAM	50	0	18.27	18.52	18.33	18.40	19	0		
Channel				35255	35810	36335	36875				Tune-up limit (dBm)
Frequency (MHz)				3622.8	3607	3643	3697.5				
5	QPSK	1	0	18.46	18.60	18.40	18.50	19	0		
5	QPSK	1	12	18.36	18.53	18.46	18.42				
5	QPSK	1	24	18.36	18.56	18.34	18.43				
5	QPSK	12	0	18.41	18.51	18.49	18.46				
5	QPSK	12	7	18.39	18.48	18.39	18.39	19	0		
5	QPSK	12	13	18.35	18.63	18.37	18.39				
5	QPSK	25	0	18.47	18.45	18.35	18.45				
5	16QAM	1	0	18.39	18.55	18.39	18.51				
5	16QAM	1	12	18.47	18.48	18.41	18.47	19	0		
5	16QAM	1	24	18.51	18.42	18.48	18.51				
5	16QAM	12	0	18.28	18.53	18.40	18.40				
5	16QAM	12	7	18.41	18.58	18.26	18.48				
5	16QAM	12	13	18.38	18.55	18.45	18.48	19	0		
5	16QAM	25	0	18.31	18.49	18.28	18.52				
5	64QAM	1	0	18.31	18.44	18.41	18.48				
5	64QAM	1	12	18.46	18.52	18.41	18.34				
5	64QAM	1	24	18.31	18.58	18.49	18.59	19	0		
5	64QAM	12	7	18.44	18.49	18.31	18.42				
5	64QAM	12	7	18.46	18.53	18.38	18.41				
5	64QAM	12	13	18.38	18.51	18.46	18.41				
5	64QAM	25	0	18.32	18.57	18.27	18.41	19	0		

Band 48_Ant 5											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle Ch. / Freq	Power High Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				55340	55830	56150	56640	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3560	3609	3641	3690				
20	QPSK	1	0	18.13	18.18	18.15	18.10	19.5	0		
20	QPSK	1	49	18.00	18.07	18.10	17.97				
20	QPSK	1	99	18.01	18.09	18.08	18.05				
20	QPSK	50	0	18.09	18.16	18.12	18.09				
20	QPSK	50	24	18.03	18.15	18.10	18.08	19.5	0		
20	QPSK	50	50	17.98	18.15	18.07	18.03				
20	QPSK	100	0	18.11	18.14	18.04	17.97				
20	16QAM	1	0	18.00	18.06	18.01	18.04				
20	16QAM	1	49	17.99	18.13	18.03	17.99	19.5	0		
20	16QAM	1	99	18.02	18.06	18.06	17.96				
20	16QAM	50	0	18.05	18.08	18.03	17.97				
20	16QAM	50	24	17.98	18.09	18.06	18.02				
20	16QAM	50	50	18.12	18.10	18.09	18.00	19.5	0		
20	16QAM	100	0	17.99	18.06	18.05	17.95				
20	64QAM	1	0	18.12	18.05	18.05	17.99				
20	64QAM	1	49	18.09	18.13	18.01	18.06				
20	64QAM	1	99	18.04	18.06	18.09	18.06	19.5	0		
20	64QAM	50	0	18.02	18.06	18.09	18.06				
20	64QAM	50	24	18.07	18.15	18.04	17.98				
20	64QAM	50	50	17.98	18.16	18.14	18.03				
20	64QAM	100	0	18.03	18.08	18.11	18.04				
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3557.5	3608	3642	3692.5				
15	QPSK	1	0	18.05	18.10	18.08	17.98	19.5	0		
15	QPSK	1	37	17.89	17.92	18.00	17.89				
15	QPSK	1	74	17.96	18.00	18.03	17.91				
15	QPSK	36	0	18.04	18.11	18.09	17.98				
15	QPSK	36	20	17.97	18.09	18.09	18.03	19.5	0		
15	QPSK	36	39	17.94	18.01	18.02	17.99				
15	QPSK	75	0	18.02	18.00	18.01	17.89				
15	16QAM	1	0	17.88	18.04	17.94	18.01				
15	16QAM	1	37	17.88	18.10	17.96	17.85	19.5	0		
15	16QAM	1	74	18.00	18.03	17.97	17.94				
15	16QAM	36	0	18.03	17.99	17.98	17.93				
15	16QAM	36	20	17.87	18.05	17.97	17.90				
15	16QAM	36	39	18.00	18.01	17.95	17.95	19.5	0		
15	16QAM	75	0	17.97	18.00	18.02	17.90				
15	64QAM	1	0	18.02	17.99	18.00	17.85				
15	64QAM	1	37	18.05	18.05	17.94	18.02				
15	64QAM	1	74	17.92	18.01	18.06	17.92	19.5	0		
15	64QAM	36	0	17.93	17.93	18.02	18.01				
15	64QAM	36	20	17.94	18.10	17.99	17.96				
15	64QAM	36	39	17.87	18.01	18.12	18.02				
15	64QAM	75	0	17.99	18.02	18.00	17.91				
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3555	3607.5	3642.5	3695				
10	QPSK	1	0	18.11	18.16	18.03	17.98	19.5	0		
10	QPSK	1	25	17.94	18.05	18.07	17.86				
10	QPSK	1	49	17.96	17.99	17.94	17.91				
10	QPSK	25	0	17.94	18.01	17.97	17.96				
10	QPSK	25	12	17.88	18.05	17.95	18.04	19.5	0		
10	QPSK	25	25	17.89	18.09	18.05	17.96				
10	QPSK	50	0	18.10	18.13	17.91	17.83				
10	16QAM	1	0	17.98	18.05	17.96	17.92				
10	16QAM	1	25	17.84	18.07	17.97	17.89	19.5	0		
10	16QAM	1	49	18.01	17.93	18.05	17.89				
10	16QAM	25	0	17.96	18.02	17.99	17.92				
10	16QAM	25	12	17.83	18.08	18.04	17.87				
10	16QAM	25	25	18.00	18.09	17.97	17.86	19.5	0		
10	16QAM	50	0	17.88	18.02	18.03	17.89				
10	64QAM	1	0	18.02	17.92	17.97	17.91				
10	64QAM	1	25	17.95	18.10	17.91	17.97				
10	64QAM	1	49	18.00	17.98	18.01	18.01	19.5	0		
10	64QAM	25	0	18.01	18.02	17.98	18.01				
10	64QAM	25	12	17.99	18.08	18.01	17.90				
10	64QAM	25	25	17.83	18.15	18.06	17.94				
10	64QAM	50	0	17.91	18.05	17.98	18.01				
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3529.5	3607	3643	3697.5				
5	QPSK	1	0	18.09	18.17	18.09	17.95	19.5	0		
5	QPSK	1	12	17.86	17.99	17.97	17.96				
5	QPSK	1	24	17.90	18.07	18.07	17.98				
5	QPSK	12	0	17.97	18.02	17.97	18.06				
5	QPSK	12	7	17.90	18.01	17.97	18.03	19.5	0		
5	QPSK	12	13	17.86	18.01	17.97	17.95				
5	QPSK	25	0	18.01	18.12	17.99	17.84				
5	16QAM	1	0	17.94	18.05	17.92	17.89				
5	16QAM	1	12	17.91	18.04	17.91	17.90	19.5	0		
5	16QAM	1	24	17.97	17.99	18.03	17.86				
5	16QAM	12	0	17.94	18.04	17.97	17.82				
5	16QAM	12	7	17.95	17.98	18.04	17.96				
5	16QAM	12	13	18.03	18.05	17.96	17.88	19.5	0		
5	16QAM	25	0	17.89	17.92	18.03	17.88				
5	64QAM	1	0	18.04	17.95	17.90	17.98				
5	64QAM	1	12	17.95	18.10	17.95	18.04				
5	64QAM	1	24	18.02	18.03	18.05	18.00	19.5	0		
5	64QAM	12	0	17.96	17.91	18.08	17.91				
5	64QAM	12	7	17.95	18.11	17.92	17.96				
5	64QAM	12	13	17.91	18.14	18.00	17.97				
5	64QAM	25	0	17.93	17.99	18.06	17.94				

Band 48_Ant 6										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle Ch. / Freq	Power High Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dbm)	MPR (dB)	
Channel				55340	55830	56150	56640			
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	20.00	20.08	19.92	19.95	21	0	
20	QPSK	1	49	19.90	20.01	19.79	19.92			
20	QPSK	1	99	19.97	20.06	19.91	19.82			
20	QPSK	50	0	19.98	20.05	19.91	19.93			
20	QPSK	50	24	19.92	19.97	19.90	19.92	21	0	
20	QPSK	50	50	19.86	20.03	19.84	19.88			
20	QPSK	100	0	19.85	19.98	19.83	19.87			
20	16QAM	1	0	19.87	19.99	19.87	19.91			
20	16QAM	1	49	19.96	19.93	19.79	19.90	21	0	
20	16QAM	1	99	19.90	19.97	19.81	19.80			
20	16QAM	50	0	19.29	19.36	19.16	19.21			
20	16QAM	50	24	19.16	19.35	19.11	19.21			
20	16QAM	50	50	19.24	19.31	19.08	19.21	20.5	0.5	
20	16QAM	100	0	19.15	19.32	19.11	19.19			
20	64QAM	1	0	19.29	19.27	19.12	19.19			
20	64QAM	1	49	19.19	19.32	19.13	19.13			
20	64QAM	1	99	19.29	19.31	19.14	19.12	19.5	1.5	
20	64QAM	50	0	18.77	19.02	18.97	18.95			
20	64QAM	50	24	18.78	19.05	19.02	18.96			
20	64QAM	50	50	18.77	19.07	18.99	19.00	19.5	1.5	
20	64QAM	100	0	18.81	19.06	18.98	19.03			
Channel				55315	55820	56160	56655	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				3557.5	3608	3642	3692.5			
15	QPSK	1	0	19.97	19.97	19.78	19.86	21	0	
15	QPSK	1	37	19.75	19.88	19.65	19.87			
15	QPSK	1	74	19.89	19.84	19.82	19.70			
15	QPSK	36	0	19.95	19.91	19.86	19.91			
15	QPSK	36	20	19.87	19.88	19.85	19.80	21	0	
15	QPSK	36	39	19.71	20.02	19.77	19.87			
15	QPSK	75	0	19.72	19.89	19.81	19.85			
15	16QAM	1	0	19.77	19.90	19.76	19.79			
15	16QAM	1	37	19.81	19.96	19.86	19.76	21	0	
15	16QAM	1	74	19.76	19.97	19.75	19.82			
15	16QAM	36	0	19.28	19.21	19.13	19.13			
15	16QAM	36	20	19.12	19.20	19.07	19.16			
15	16QAM	36	39	19.16	19.29	19.00	19.16	20.5	0.5	
15	16QAM	75	0	19.14	19.17	18.96	19.09			
15	64QAM	1	0	19.27	19.12	18.98	19.12			
15	64QAM	1	37	19.18	19.31	19.06	19.12			
15	64QAM	1	74	19.22	19.20	19.04	19.05	20.5	0.5	
15	64QAM	36	0	18.67	18.81	18.85	19.02			
15	64QAM	36	20	18.73	18.89	19.00	19.02			
15	64QAM	36	39	18.67	18.90	18.89	19.06			
15	64QAM	75	0	18.71	18.89	18.84	18.92	19.5	1.5	
Channel				55290	55815	56165	56690			
Frequency (MHz)				3555	3607.5	3642.5	3695			
10	QPSK	1	0	19.52	20.00	19.84	19.89	21	0	
10	QPSK	1	25	19.76	19.98	19.70	19.82			
10	QPSK	1	49	19.91	19.95	19.85	19.80			
10	QPSK	25	0	19.95	19.90	19.82	19.80			
10	QPSK	25	12	19.84	19.85	19.85	19.79	21	0	
10	QPSK	25	25	19.72	19.90	19.82	19.80			
10	QPSK	50	0	19.84	19.84	19.78	19.82			
10	16QAM	1	0	19.82	19.96	19.80	19.82			
10	16QAM	1	25	19.92	19.91	19.72	19.83	21	0	
10	16QAM	1	49	19.82	19.94	19.75	19.77			
10	16QAM	25	0	19.25	19.21	19.01	19.19			
10	16QAM	25	12	19.02	19.33	19.07	19.06			
10	16QAM	25	25	19.18	19.21	19.05	19.08	20.5	0.5	
10	16QAM	50	0	19.07	19.20	18.97	19.10			
10	64QAM	1	0	19.22	19.25	18.98	19.05			
10	64QAM	1	25	19.11	19.17	18.96	19.05			
10	64QAM	1	49	19.18	19.17	19.02	19.00	20.5	0.5	
10	64QAM	25	0	18.71	18.82	18.91	18.90			
10	64QAM	25	12	18.68	18.92	18.93	18.96			
10	64QAM	25	25	18.64	18.91	18.91	18.95			
10	64QAM	50	0	18.69	18.94	18.93	18.94	19.5	1.5	
Channel				55255	55810	56170	56705			
Frequency (MHz)				3562.5	3607	3645	3697.5			
5	QPSK	1	0	19.90	19.93	19.77	19.81	21	0	
5	QPSK	1	12	19.80	19.94	19.74	19.91			
5	QPSK	1	24	19.87	19.98	19.80	19.72			
5	QPSK	12	0	19.91	19.93	19.78	19.82			
5	QPSK	12	7	19.83	19.86	19.65	19.87	21	0	
5	QPSK	12	13	19.82	20.01	19.70	19.81			
5	QPSK	25	0	19.78	19.91	19.80	19.82			
5	16QAM	1	0	19.75	19.85	19.80	19.82			
5	16QAM	1	12	19.95	19.84	19.75	19.76	21	0	
5	16QAM	1	24	19.83	19.94	19.85	19.72			
5	16QAM	12	0	19.27	19.21	19.15	19.10			
5	16QAM	12	7	19.08	19.28	19.10	19.17			
5	16QAM	12	13	19.14	19.26	19.05	19.07	20.5	0.5	
5	64QAM	1	0	19.09	19.20	19.08	19.17			
5	64QAM	1	0	19.23	19.23	19.10	19.11			
5	64QAM	1	12	19.14	19.19	19.07	19.06			
5	64QAM	1	24	19.19	19.24	19.11	19.03	20.5	0.5	
5	64QAM	12	0	18.40	18.86	18.97	18.88			
5	64QAM	12	7	18.40	18.83	18.89	18.92			
5	64QAM	12	13	18.40	18.86	18.85	19.00			
5	64QAM	25	0	18.46	18.89	18.97	19.04	19.5	1.5	

Reduced Power Mode for DSI 6

GSM850_Ant 0		Burst Average Power (dBm)			Frame-Average Power (dBm)		
TX Channel	Frequency (MHz)	128	189	251	128	189	251
GSM 1 Tx slot	924.2	836.4	848.8	33.50	824.2	834.4	848.8
GPRS 1 Tx slot	92.45	32.12	32.47	33.50	23.47	23.15	23.44
GPRS 2 Tx slots	29.20	29.26	29.33	30.80	23.20	23.26	23.33
GPRS 3 Tx slots	27.52	27.46	27.45	28.70	23.26	23.20	23.19
GPRS 4 Tx slots	25.86	25.68	25.67	27.50	22.86	22.68	22.87
EDGE 1 Tx slot	26.14	26.27	26.10	26.90	17.14	17.27	17.10
EDGE 2 Tx slots	23.54	23.68	23.60	25.00	17.54	17.68	17.60
EDGE 3 Tx slots	21.85	21.91	21.84	23.20	17.59	17.65	17.58
EDGE 4 Tx slots	21.51	21.67	21.54	22.00	16.51	16.67	16.54

GSM1800_Ant 2		Burst Average Power (dBm)			Frame-Average Power (dBm)		
TX Channel	Frequency (MHz)	512	861	810	512	861	810
GSM 1 Tx slot	1850.2	1880	1909.8	30.80	1850.2	1880	1909.8
GPRS 1 Tx slot	29.02	29.06	29.13	30.80	20.02	20.06	20.13
GPRS 1 Tx slot	29.21	29.01	29.15	30.80	20.21	20.01	20.15
GPRS 3 Tx slots	24.42	24.30	24.51	25.70	20.16	20.04	20.25
GPRS 4 Tx slots	22.96	23.11	23.32	24.80	19.98	20.11	20.32
EDGE 1 Tx slot	25.36	25.17	25.45	27.00	16.36	16.17	16.45
EDGE 2 Tx slots	22.91	22.63	22.87	24.00	16.91	16.63	16.87
EDGE 3 Tx slots	21.28	20.97	21.18	22.20	17.02	16.71	16.92
EDGE 4 Tx slots	20.67	20.58	20.73	21.00	17.67	17.58	17.73

GSM1900_Ant 4		Burst Average Power (dBm)			Frame-Average Power (dBm)		
TX Channel	Frequency (MHz)	512	861	810	512	861	810
GSM 1 Tx slot	1850.2	1880	1909.8	25.85	1850.2	1880	1909.8
GPRS 1 Tx slot	25.87	25.58	25.88	27.80	16.87	16.58	16.88
GPRS 2 Tx slots	22.63	22.56	22.72	24.80	16.63	16.56	16.72
GPRS 3 Tx slots	20.91	20.91	20.98	22.70	16.65	16.65	16.72
GPRS 4 Tx slots	19.75	19.71	19.82	21.50	16.75	16.71	16.82
EDGE 1 Tx slot	25.25	25.06	25.12	27.00	16.25	16.06	16.12
EDGE 2 Tx slots	22.21	22.12	22.15	24.00	16.21	16.12	16.15
EDGE 3 Tx slots	20.70	20.23	20.63	22.20	16.44	15.97	16.37
EDGE 4 Tx slots	20.25	19.91	20.22	21.00	17.25	16.91	17.22

Band		WCDMA II_Ant 2			WCDMA IV_Ant 2		
TX Channel	Rx Channel	9602	9400	9538	1312	1413	1513
Frequency (MHz)		9602	9800	9938	1537	1638	1738
3GPP Rel 99	AMR 12.2Kbps	15.32	15.31	15.35	16.04	16.22	16.11
3GPP Rel 99	AMR 12.2Kbps	15.34	15.45	15.42	16.17	16.33	16.16
3GPP Rel 6	HSDPA Subtest-1	14.44	14.45	14.38	15.50	15.22	15.09
3GPP Rel 6	HSDPA Subtest-2	14.45	14.23	14.34	15.50	15.00	15.15
3GPP Rel 6	HSDPA Subtest-3	13.87	13.98	13.87	15.00	14.42	14.55
3GPP Rel 6	HSDPA Subtest-4	13.88	13.73	13.78	15.00	14.66	14.38
3GPP Rel 6	DC-HSDPA Subtest-1	14.38	14.43	14.35	15.50	14.94	15.08
3GPP Rel 6	DC-HSDPA Subtest-2	14.33	14.12	14.19	15.50	14.80	14.96
3GPP Rel 6	DC-HSDPA Subtest-3	13.77	13.85	13.88	15.00	14.44	14.46
3GPP Rel 6	DC-HSDPA Subtest-4	13.80	13.69	13.74	15.00	14.46	14.14
3GPP Rel 6	HSUPA Subtest-1	14.23	14.38	14.37	15.50	15.01	14.90
3GPP Rel 6	HSUPA Subtest-2	12.29	12.44	12.51	13.50	13.06	13.17
3GPP Rel 6	HSUPA Subtest-3	13.43	13.38	13.45	14.50	14.10	13.93
3GPP Rel 6	HSUPA Subtest-4	12.35	12.44	12.47	13.50	13.19	13.20
3GPP Rel 6	HSUPA Subtest-5	14.33	14.42	14.41	15.50	15.04	14.92
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.77	13.77	13.81	15.50	14.38	14.34

Band		WCDMA II_Ant 4			WCDMA IV_Ant 4		
TX Channel	Rx Channel	9262	9400	9538	1312	1413	1513
Frequency (MHz)		9602	9800	9938	1537	1638	1738
3GPP Rel 99	AMR 12.2Kbps	15.32	15.31	15.35	16.04	16.22	16.11
3GPP Rel 99	AMR 12.2Kbps	15.34	15.45	15.42	16.17	16.33	16.16
3GPP Rel 6	HSDPA Subtest-1	14.44	14.45	14.38	15.50	15.22	15.09
3GPP Rel 6	HSDPA Subtest-2	14.45	14.23	14.34	15.50	15.00	15.15
3GPP Rel 6	HSDPA Subtest-3	13.87	13.98	13.87	15.00	14.42	14.55
3GPP Rel 6	HSDPA Subtest-4	13.88	13.73	13.78	15.00	14.66	14.38
3GPP Rel 6	DC-HSDPA Subtest-1	14.38	14.43	14.35	15.50	14.94	15.08
3GPP Rel 6	DC-HSDPA Subtest-2	14.33	14.12	14.19	15.50	14.80	14.96
3GPP Rel 6	DC-HSDPA Subtest-3	13.77	13.85	13.88	15.00	14.44	14.46
3GPP Rel 6	DC-HSDPA Subtest-4	13.80	13.69	13.74	15.00	14.46	14.14
3GPP Rel 6	HSUPA Subtest-1	14.23	14.38	14.37	15.50	15.01	14.90
3GPP Rel 6	HSUPA Subtest-2	12.29	12.44	12.51	13.50	13.06	13.17
3GPP Rel 6	HSUPA Subtest-3	13.43	13.38	13.45	14.50	14.10	13.93
3GPP Rel 6	HSUPA Subtest-4	12.35	12.44	12.47	13.50	13.19	13.20
3GPP Rel 6	HSUPA Subtest-5	14.33	14.42	14.41	15.50	15.04	14.92
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.77	13.77	13.81	15.50	14.38	14.34

Band		WCDMA V_Ant 0			WCDMA V_Ant 1		
TX Channel	Rx Channel	4132	4162	4233	4132	4162	4233
Frequency (MHz)		826.4	836.4	846.6	826.4	836.4	846.6
3GPP Rel 99	AMR 12.2Kbps	23.96	24.00	23.95	20.98	21.12	20.98
3GPP Rel 99	AMR 12.2Kbps	24.01	24.05	23.98	21.18	21.25	21.17
3GPP Rel 6	HSDPA Subtest-1	23.05	23.03	22.92	20.16	20.10	20.08
3GPP Rel 6	HSDPA Subtest-2	23.06	23.05	23.00	20.11	20.08	19.98
3GPP Rel 6	HSDPA Subtest-3	22.38	22.49	22.53	19.67	19.71	19.60
3GPP Rel 6	HSDPA Subtest-4	22.51	22.28	22.50	19.71	19.56	19.64
3GPP Rel 6	DC-HSDPA Subtest-1	22.91	22.97	22.83	20.07	20.12	20.00
3GPP Rel 6	DC-HSDPA Subtest-2	22.96	22.93	22.88	20.01	19.97	19.96
3GPP Rel 6	DC-HSDPA Subtest-3	22.38	22.38	22.37	19.48	19.45	19.52
3GPP Rel 6	DC-HSDPA Subtest-4	22.37	22.05	22.38	19.61	19.59	19.50
3GPP Rel 6	HSUPA Subtest-1	23.07	23.07	23.02	20.03	20.16	20.04
3GPP Rel 6	HSUPA Subtest-2	21.11	21.08	21.00	18.06	18.09	18.11
3GPP Rel 6	HSUPA Subtest-3	22.02	21.97	21.98	18.10	18.15	18.06
3GPP Rel 6	HSUPA Subtest-4	21.12	21.01	21.08	17.97	18.03	17.99
3GPP Rel 6	HSUPA Subtest-5	23.10	23.05	22.95	20.21	20.21	20.17
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	22.15	22.25	22.09	19.04	19.23	19.15

GSM850_Ant 1		Burst Average Power (dBm)			Frame-Average Power (dBm)		
TX Channel	Frequency (MHz)	128	189	251	128	189	251
GSM 1 Tx slot	924.8	836.4	848.8	33.50	824.8	834.4	848.8
GPRS 1 Tx slot	29.32	29.52	29.35	30.80	20.32	20.52	20.35
GPRS 2 Tx slots	26.27	26.18	26.38	27.50	20.27	20.18	20.38
GPRS 3 Tx slots	24.28	24.16	24.53	25.70	20.02	19.90	20.27
GPRS 4 Tx slots	22.77	22.57	22.90	24.80	19.77	19.57	19.90
EDGE 1 Tx slot	26.22	26.20	26.30	28.00	17.22	17.20	17.30
EDGE 2 Tx slots	23.48	23.53	23.51	25.00	17.48	17.53	17.51
EDGE 3 Tx slots	21.73	21.80	21.76	23.20	17.47	17.54	17.50
EDGE 4 Tx slots	21.41	21.56	21.39	22.00	16.41	16.56	16.39

GSM1800_Ant 3		Burst Average Power (dBm)			Frame-Average Power (dBm)		
TX Channel	Frequency (MHz)	512	861	810	512	861	810
GSM 1 Tx slot	1850.2	1880	1909.8	24.94	1850.2	1880	1909.8
GPRS 1 Tx slot	24.94	24.96	24.97	26.80	15.94	15.96	15.97
GPRS 1 Tx slot	24.91	24.91	25.03	26.80	15.91	15.91	16.03
GPRS 3 Tx slots	20.12	20.09	20.25	23.70	15.86	15.83	16.02
GPRS 4 Tx slots	18.72	18.60	18.85	20.80	15.72	15.60	15.85
EDGE 1 Tx slot	24.85	24.96	24.92	26.80	15.85	15.96	15.92
EDGE 2 Tx slots	21.79	21.81	21.86	23.80	15.79	15.81	15.86
EDGE 3 Tx slots	20.68	19.90	20.25	21.70	15.82	15.64	15.98
EDGE 4 Tx slots	18.76	18.70	18.80	20.80	15.76	15.70	15.80

Band		WCDMA II_Ant 3			WCDMA IV_Ant 3		
TX Channel	Rx Channel	9602	9400	9538	1312	1413	1513
Frequency (MHz)		9602	9800	9938	1537	1638	1738
3GPP Rel 99	AMR 12.2Kbps	15.43	15.41	15.32	16.15	16.10	16.05
3GPP Rel 99	AMR 12.2Kbps	15.52	15.54	15.43	16.50	16.22	16.07
3GPP Rel 6	HSDPA Subtest-1	14.82	14.86	14.42	15.50	15.16	15.01
3GPP Rel 6	HSDPA Subtest-2	14.50	14.32	14.40	15.50	15.09	15.02
3GPP Rel 6	HSDPA Subtest-3	14.02	14.09	13.94	15.00	14.76	14.70
3GPP Rel 6	HSDPA Subtest-4	14.16	13.97	13.93	15.00	14.79	14.63
3GPP Rel 6	DC-HSDPA Subtest-1	14.60	14.61	14.31	15.50	15.17	15.05
3GPP Rel 6	DC-HSDPA Subtest-2	14.46	14.28	14.40	15.50	14.99	14.88
3GPP Rel 6	DC-HSDPA Subtest-3	13.82	13.81	14.03	15.00	14.38	14.47
3GPP Rel 6	DC-HSDPA Subtest-4	14.06	13.83	13.90	15.00	14.80	14.43
3GPP Rel 6	HSUPA Subtest-1	14.44	14.45	14.46	15.50	14.91	15.08
3GPP Rel 6	HSUPA Subtest-2	12.59	12.53	12.49	13.50	13.04	13.16
3GPP Rel 6	HSUPA Subtest-3	13.48	13.53	13.50	14.50	14.05	14.19
3GPP Rel 6	HSUPA Subtest-4	12.41	12.54	12.43	13.50	13.02	13.17
3GPP Rel 6	HSUPA Subtest-5	14.51	14.57	14.45	15.50	15.16	15.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.63	13.78	13.64	15.50	14.34	14.37

Band		WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4162	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.98	21.12	20.98	22.00
3GPP Rel 99	RMC 12.2Kbps	21.18	21.25	21.17	22.00
3GPP Rel 6	HS-PA Subtest-1	20.16	20.10	20.08	21.00
3GPP Rel 6	HS-PA Subtest-2	20.11	20.08	19.98	21.00
3GPP Rel 6	HS-PA Subtest-3	19.67	19.71	19.60	20.50
3GPP Rel 6	HS-PA Subtest-4	19.71	19.56	19.64	20.50
3GPP Rel 6	DC-HS-PA Subtest-1	20.07	20.12	20.00	21.00
3GPP Rel 6	DC-HS-PA Subtest-2	20.01	19.97	19.96	21.00
3GPP Rel 6	DC-HS-PA Subtest-3	19.48	19.45	19.52	20.50
3GPP Rel 6	DC-HS-PA Subtest-4	19.81	19.59	19.50	20.50
3GPP Rel 6	HS-PA Subtest-1	20.03	20.16	20.04	21.00
3GPP Rel 6	HS-PA Subtest-2	18.06	18.09	18.11	19.00
3GPP Rel 6	HS-PA Subtest-3	19.10	19.15	19.96	20.00
3GPP Rel 6	HS-PA Subtest-4	17.97	18.03	17.99	19.00
3GPP Rel 6	HS-PA Subtest-5	20.21	20.21	20.17	21.00
3GPP Rel 7	HSPA+ (15QAM) Subtest-1	19.04	19.23	19.15	21.00

Band 2_Ant 2															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)							
Channel															
Frequency (MHz)															
20	QPSK	1	0	23.50	23.55	23.35	24.5	0							
20	QPSK	1	49	23.44	23.47	23.26									
20	QPSK	1	99	23.33	23.45	23.28									
20	QPSK	50	0	22.62	22.63	22.50									
20	QPSK	50	24	22.59	22.44	22.45	23.5	1							
20	QPSK	50	50	22.53	22.46	22.44									
20	QPSK	100	0	22.60	22.61	22.46									
20	16QAM	1	0	23.06	22.54	22.84									
20	16QAM	1	49	22.86	22.71	22.82	23.5	1							
20	16QAM	1	99	22.76	22.59	22.47									
20	16QAM	50	0	21.65	21.37	21.51									
20	16QAM	50	24	21.53	21.40	21.51									
20	16QAM	50	50	21.49	21.54	21.51	22.5	2							
20	16QAM	100	0	21.54	21.53	21.52									
20	64QAM	1	0	21.59	21.03	21.56									
20	64QAM	1	49	21.68	21.37	21.70									
20	64QAM	1	99	21.62	21.50	21.55	21.5	3							
20	64QAM	50	0	20.70	20.44	20.52									
20	64QAM	50	24	20.53	20.51	20.44									
20	64QAM	50	50	20.48	20.58	20.36									
20	64QAM	100	0	20.61	20.42	20.45	Tune-up limit (dBm)		MPR (dB)						
Channel															
Frequency (MHz)															
15	QPSK	1	0	23.39	23.25	23.41	24.5	0							
15	QPSK	1	37	23.19	23.11	23.38									
15	QPSK	1	74	23.19	23.16	23.32									
15	QPSK	36	0	22.50	22.37	22.49									
15	QPSK	36	20	22.46	22.32	22.31	23.5	1							
15	QPSK	36	39	22.39	22.32	22.41									
15	QPSK	75	0	22.51	22.37	22.49									
15	16QAM	1	0	22.81	22.73	22.46									
15	16QAM	1	37	22.80	22.43	22.64	23.5	1							
15	16QAM	1	74	22.64	22.36	22.53									
15	16QAM	36	0	21.59	21.39	21.29									
15	16QAM	36	20	21.45	21.42	21.34									
15	16QAM	36	39	21.34	21.35	21.47	22.5	2							
15	16QAM	75	0	21.39	21.40	21.47									
15	64QAM	1	0	21.48	21.41	20.90									
15	64QAM	1	37	21.55	21.61	21.32									
15	64QAM	1	74	21.47	21.44	21.39	21.5	3							
15	64QAM	36	0	20.56	20.45	20.35									
15	64QAM	36	20	20.42	20.32	20.39									
15	64QAM	36	39	20.35	20.23	20.51									
15	64QAM	75	0	20.56	20.38	20.35	Tune-up limit (dBm)		MPR (dB)						
Channel															
Frequency (MHz)															
10	QPSK	1	0	23.39	23.26	23.49	24.5	0							
10	QPSK	1	25	23.35	23.12	23.33									
10	QPSK	1	49	23.21	23.14	23.33									
10	QPSK	25	0	22.55	22.35	22.56									
10	QPSK	25	12	22.45	22.35	22.29	23.5	1							
10	QPSK	50	0	22.48	22.36	22.54									
10	16QAM	1	0	22.94	22.72	22.43									
10	16QAM	1	25	22.81	22.47	22.62									
10	16QAM	1	49	22.64	22.39	22.54	23.5	1							
10	16QAM	25	0	21.59	21.36	21.32									
10	16QAM	25	12	21.42	21.42	21.30									
10	16QAM	25	25	21.36	21.40	21.48									
10	16QAM	50	0	21.48	21.47	21.45	22.5	2							
10	16QAM	50	12	21.47	21.47	20.92									
10	64QAM	1	0	21.47	21.47	20.92									
10	64QAM	1	25	21.56	21.65	21.31									
10	64QAM	1	49	21.57	21.46	21.35	21.5	3							
10	64QAM	25	0	20.62	20.42	20.32									
10	64QAM	25	12	20.43	20.36	20.35									
10	64QAM	25	25	20.33	20.29	20.47									
10	64QAM	50	0	20.51	20.36	20.31	Tune-up limit (dBm)		MPR (dB)						
Channel															
Frequency (MHz)															
5	QPSK	1	0	23.41	23.21	23.44	24.5	0							
5	QPSK	1	12	23.39	23.15	23.42									
5	QPSK	1	24	23.30	23.17	23.31									
5	QPSK	12	0	22.57	22.37	22.52									
5	QPSK	12	7	22.52	22.34	22.39	23.5	1							
5	QPSK	12	13	22.43	22.38	22.41									
5	QPSK	25	0	22.54	22.41	22.55									
5	16QAM	1	0	23.01	22.78	22.41									
5	16QAM	1	12	22.79	22.39	22.56	23.5	1							
5	16QAM	1	24	22.71	22.40	22.50									
5	16QAM	12	0	21.50	21.41	21.30									
5	16QAM	12	7	21.45	21.43	21.32									
5	16QAM	12	13	21.43	21.41	21.47	22.5	2							
5	16QAM	25	0	21.41	21.37	21.46									
5	64QAM	1	0	21.49	21.49	20.96									
5	64QAM	1	12	21.54	21.64	21.24									
5	64QAM	1	24	21.57	21.48	21.41	21.5	3							
5	64QAM	12	0	20.60	20.47	20.37									
5	64QAM	12	7	20.44	20.37	20.42									
5	64QAM	12	13	20.33	20.24	20.43									
5	64QAM	25	0	20.52	20.32	20.31	Tune-up limit (dBm)		MPR (dB)						
Channel															
Frequency (MHz)															
3	QPSK	1	0	23.41	23.22	23.41	24.5	0							
3	QPSK	1	8	23.34	23.11	23.41									
3	QPSK	1	14	23.22	23.12	23.38									
3	QPSK	8	0	22.54	22.38	22.57									
3	QPSK	8	4	22.45	22.35	22.37	23.5	1							
3	QPSK	8	7	22.45	22.30	22.35									
3	QPSK	15	0	22.51	22.32	22.56									
3	16QAM	1	0	22.95	22.76	22.42									
3	16QAM	1	8	22.76	22.42	22.58	23.5	1							
3	16QAM	1	14	22.64	22.32	22.47									
3	16QAM	8	0	21.60	21.41	21.27									
3	16QAM	8	4	21.40	21.44	21.34									
3	16QAM	8	7	21.44	21.36	21.41	22.5	2							
3	16QAM	15	0	21.43	21.43	21.41									
3	64QAM	1	0	21.44	21.47	20.96									
3	64QAM	1	8	21.55	21.65	21.25									
3	64QAM	1	14	21.55	21.44	21.38	21.5	3							
3	64QAM	8	0	20.57	20.45	20.35									
3	64QAM	8	4	20.40	20.29	20.43									
3	64QAM	8	7	20.43	20.26	20.48	Tune-up limit (dBm)		MPR (dB)						
3	64QAM	15	0	20.51	20.31	20.31									
Channel															
Frequency (MHz)															
1.4	QPSK	1	0	23.46	23.26	23.46	24.5	0							
1.4	QPSK	1	3	23.31	23.18	23.33									
1.4	QPSK	1	5	23.28	23.17	23.33									
1.4	QPSK	3	0	23.30	23.14	23.39									
1.4	QPSK	3	1	23.26	23.05	23.29	23.5	1							
1.4	QPSK	3	3	23.19	23.10	23.22									
1.4	QPSK	6	0	22.46	22.37	22.46									
1.4	16QAM	1	0	22.91	22.72	22.56									
1.4	16QAM	1	3	22.79	22.47	22.56	23.5	1							
1.4	16QAM	1	5	22.61	22.33	22.45									
1.4	16QAM	3	0	22.81	22.55	22.34									
1.4	16QAM	3	1	22.73	22.37	22.46									
1.4	16QAM	3	3	22.47	22.24	22.39	22.5	2							
1.4	16QAM	6	0	21.41	21.31	21.39									
1.4	64QAM	1	0	21.51	21.51	21.20									
1.4	64QAM	1	3	21.61	21.59	21.30									
1.4	64QAM	1	5	21.56	21.40	21.38	22.5	2							
1.4	64QAM	3	0	21.43	21.36	21.07									
1.4	64QAM	3	1	21.53	21.45	21.15									
1.4	64QAM	6	0	21.42	21.31	21.27									
1.4	64QAM	6	0	20.55	20.35	20.35	21.5	3							

Band 4_Ant 2												
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	20325						
Frequency (MHz)				1720	1729.5	1745						
20	QPSK	1	0	23.25	23.41	23.36	24.5	0				
20	QPSK	1	49	23.03	23.38	23.27						
20	QPSK	1	99	23.05	23.17	23.13						
20	QPSK	50	0	22.24	22.35	22.32	23.5	1				
20	QPSK	50	24	22.21	22.18	22.27						
20	QPSK	50	50	22.21	22.29	22.20						
20	QPSK	100	0	22.17	22.27	22.22	23.5	1				
20	16QAM	1	0	22.39	22.56	22.63						
20	16QAM	1	49	22.40	22.37	22.32						
20	16QAM	1	99	22.42	22.33	22.37	22.5	2				
20	16QAM	50	0	21.14	21.18	21.25						
20	16QAM	50	24	21.15	21.27	21.29						
20	16QAM	100	0	21.23	21.32	21.33	22.5	2				
20	64QAM	1	0	20.95	21.00	21.12						
20	64QAM	1	49	21.19	20.96	21.16						
20	64QAM	1	99	21.08	21.16	21.18	21.5	3				
20	64QAM	50	0	20.02	20.15	20.30						
20	64QAM	50	24	20.19	20.30	20.32						
20	64QAM	100	0	20.10	20.42	20.28	21.5	3				
20	64QAM	100	0	20.10	20.42	20.28						
Channel				20025	20175	20325			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1732.5	1747.5						
15	QPSK	1	0	22.96	23.31	23.28	24.5	0				
15	QPSK	1	37	22.81	23.29	23.12						
15	QPSK	1	74	22.93	23.08	22.99						
15	QPSK	36	0	22.13	22.30	22.27	23.5	1				
15	QPSK	36	20	22.01	22.08	22.18						
15	QPSK	36	39	22.08	22.21	22.05						
15	QPSK	75	0	22.12	22.22	22.11	23.5	1				
15	16QAM	1	0	22.24	22.49	22.55						
15	16QAM	1	37	22.26	22.24	22.19						
15	16QAM	1	74	22.32	22.26	22.27	22.5	2				
15	16QAM	36	0	21.01	21.06	21.15						
15	16QAM	36	20	21.10	21.17	21.24						
15	16QAM	36	39	21.08	21.20	21.11	22.5	2				
15	16QAM	75	0	21.13	21.22	21.26						
15	64QAM	1	0	20.88	20.92	21.02						
15	64QAM	1	37	21.06	20.89	21.10	22.5	2				
15	64QAM	1	74	20.89	21.07	21.05						
15	64QAM	36	0	19.91	20.06	20.25						
15	64QAM	36	20	20.04	20.19	20.18	21.5	3				
15	64QAM	36	39	20.11	20.11	20.16						
15	64QAM	75	0	19.98	20.28	20.18						
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1715	1732.5	1750						
10	QPSK	1	0	22.96	23.33	23.24	24.5	0				
10	QPSK	1	25	22.94	23.30	23.13						
10	QPSK	1	49	22.94	23.06	23.07						
10	QPSK	25	0	22.16	22.24	22.19	23.5	1				
10	QPSK	25	12	22.02	22.11	22.12						
10	QPSK	25	25	22.11	22.16	22.07						
10	QPSK	50	0	22.08	22.19	22.13	23.5	1				
10	16QAM	1	0	22.28	22.48	22.48						
10	16QAM	1	25	22.29	22.26	22.18						
10	16QAM	1	49	22.31	22.20	22.22	22.5	2				
10	16QAM	25	0	21.09	21.05	21.10						
10	16QAM	25	12	21.09	21.17	21.22						
10	16QAM	25	25	21.02	21.20	21.09	22.5	2				
10	16QAM	50	0	21.12	21.18	21.22						
10	64QAM	1	0	20.86	20.94	21.06						
10	64QAM	1	25	21.06	20.81	21.10	22.5	2				
10	64QAM	1	49	21.03	21.03	21.03						
10	64QAM	25	0	19.86	20.00	20.15						
10	64QAM	25	12	20.08	20.16	20.17	21.5	3				
10	64QAM	25	25	20.11	20.15	20.23						
10	64QAM	50	0	20.05	20.35	20.21						
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1712.5	1732.5	1752.5						
5	QPSK	1	0	22.97	23.32	23.23	24.5	0				
5	QPSK	1	12	22.91	23.23	23.20						
5	QPSK	1	24	22.94	23.12	23.08						
5	QPSK	12	0	22.15	22.24	22.22	23.5	1				
5	QPSK	12	7	21.99	22.13	22.12						
5	QPSK	12	13	22.16	22.20	22.11						
5	QPSK	25	0	22.05	22.18	22.12	23.5	1				
5	16QAM	1	0	22.25	22.49	22.56						
5	16QAM	1	12	22.26	22.22	22.21						
5	16QAM	1	24	22.35	22.23	22.28	22.5	2				
5	16QAM	12	0	21.03	21.11	21.16						
5	16QAM	12	7	21.02	21.14	21.19						
5	16QAM	12	13	21.06	21.20	21.16	22.5	2				
5	16QAM	25	0	21.14	21.20	21.18						
5	64QAM	1	0	20.86	20.88	21.02						
5	64QAM	1	12	21.04	20.85	21.09	22.5	2				
5	64QAM	1	24	21.01	21.06	21.03						
5	64QAM	12	0	19.93	20.10	20.20						
5	64QAM	12	7	20.14	20.20	20.17	21.5	3				
5	64QAM	12	13	20.16	20.10	20.26						
5	64QAM	25	0	19.87	20.29	20.18						
Channel				19950	20175	20393	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1711.5	1732.5	1753.5						
3	QPSK	1	0	22.95	23.32	23.22	24.5	0				
3	QPSK	1	8	22.98	23.33	23.12						
3	QPSK	1	14	22.91	23.07	23.02						
3	QPSK	8	0	22.09	22.22	22.18	23.5	1				
3	QPSK	8	4	22.08	22.12	22.13						
3	QPSK	8	7	22.09	22.24	22.13	23.5	1				
3	QPSK	15	0	22.04	22.12	22.11						
3	16QAM	1	0	22.25	22.43	22.53						
3	16QAM	1	8	22.27	22.32	22.21	23.5	1				
3	16QAM	1	14	22.33	22.19	22.22						
3	16QAM	8	0	21.04	21.03	21.12						
3	16QAM	8	4	21.09	21.22	21.24	22.5	2				
3	16QAM	8	7	21.03	21.20	21.15						
3	16QAM	15	0	21.09	21.19	21.23						
3	64QAM	1	0	20.82	20.86	21.04	22.5	2				
3	64QAM	1	8	21.14	20.91	21.08						
3	64QAM	1	14	20.96	21.07	21.11						
3	64QAM	8	0	19.97	20.03	20.16	21.5	3				
3	64QAM	8	4	20.13	20.21	20.25						
3	64QAM	8	7	20.08	20.08	20.21						
3	64QAM	15	0	19.95	20.34	20.15	21.5	3				
3	64QAM	15	0	19.95	20.34	20.15						
Channel				19957	20175	20393			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1723.5	1743.5						
1.4	QPSK	3	0	22.94	23.29	23.27	24.5	0				
1.4	QPSK	3	1	22.89	23.33	23.18						
1.4	QPSK	3	0	23.00	23.10	23.05						
1.4	QPSK	3	0	22.97	23.16	23.15	24.5	0				
1.4	QPSK	3	3	23.05	23.21	23.09						
1.4	QPSK	3	1	22.95	22.99	23.00						
1.4	QPSK	6	0	22.12	22.15	22.14	23.5	1				
1.4	16QAM	1	0	22.34	22.48	22.48						
1.4	16QAM	1	3	22.25	22.24	22.27						
1.4	16QAM	1	5	22.37	22.27	22.30	23.5	1				
1.4	16QAM	3	0	22.29	22.39	22.43						
1.4	16QAM	3	1	22.10	22.14	22.22						
1.4	QPSK	3	3	22.23	22.13	22.18	22.5	2				
1.4	64QAM	1	0	21.09	21.20	21.22						
1.4	64QAM	1	3	20.80	20.89	20.97						
1.4	64QAM	1	3	21.09	20.83	21.11	22.5	2				
1.4	64QAM	3	0	20.95	21.11	21.09						
1.4	64QAM	3	1	20.71	20.81	20.85						
1.4	64QAM	3	1	20.00	20.69	20.13	21.5	3				
1.4	64QAM	3	0	20.86	20.30	20.38						
1.4	64QAM	3	0	19.99	20.38	20.34						

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				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.17	23.20	23.15	25	0		
10	QPSK	1	25	24.16	24.11	24.08				
10	QPSK	1	49	24.07	23.98	23.93				
10	QPSK	25	0	23.15	23.16	23.12	24	1		
10	QPSK	25	12	23.12	23.13	23.10				
10	QPSK	25	25	23.10	23.12	23.07				
10	QPSK	50	0	23.08	23.10	23.02	24	1		
10	16QAM	1	0	23.32	23.11	23.15				
10	16QAM	1	25	23.37	23.14	23.20				
10	16QAM	1	49	23.07	23.02	23.11	23	2		
10	16QAM	25	0	22.19	22.12	21.98				
10	16QAM	25	12	22.24	22.15	22.18				
10	16QAM	25	25	22.12	22.06	22.07	23	2		
10	16QAM	50	0	22.14	22.11	22.04				
10	64QAM	1	0	22.49	22.27	22.11				
10	64QAM	1	25	22.38	22.27	22.41	23	2		
10	64QAM	1	49	21.95	21.92	21.98				
10	64QAM	25	0	21.26	21.00	21.04				
10	64QAM	25	12	21.28	21.14	21.15	22	3		
10	64QAM	25	25	21.10	20.99	21.05				
10	64QAM	50	0	21.05	21.15	21.10				
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	24.02	24.13	24.05	25	0		
5	QPSK	1	12	24.08	24.02	23.95				
5	QPSK	1	24	23.94	23.84	23.78				
5	QPSK	12	0	23.04	23.02	23.00	24	1		
5	QPSK	12	7	23.00	23.01	23.00				
5	QPSK	12	13	23.03	23.07	22.99				
5	QPSK	25	0	22.97	23.02	22.95	24	1		
5	16QAM	1	0	23.24	23.05	23.05				
5	16QAM	1	12	23.25	23.05	23.11				
5	16QAM	1	24	22.99	22.94	23.05	23	2		
5	16QAM	12	0	22.07	22.02	21.87				
5	16QAM	12	7	22.14	22.04	22.06				
5	16QAM	12	13	21.99	22.01	21.97	23	2		
5	16QAM	25	0	22.02	21.99	21.91				
5	64QAM	1	0	22.40	22.15	21.96				
5	64QAM	1	12	22.27	22.14	22.31	23	2		
5	64QAM	1	24	22.13	22.13	22.02				
5	64QAM	12	0	21.20	20.89	20.90				
5	64QAM	12	7	21.20	21.07	21.06	22	3		
5	64QAM	12	13	21.00	20.87	20.92				
5	64QAM	25	0	20.91	21.00	21.03				
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	24.10	24.07	24.08	25	0		
3	QPSK	1	8	24.09	24.01	23.96				
3	QPSK	1	14	23.95	23.87	23.84				
3	QPSK	8	0	23.08	23.06	23.03	24	1		
3	QPSK	8	4	23.07	23.04	23.05				
3	QPSK	8	7	23.02	22.97	23.02				
3	QPSK	15	0	22.98	23.00	22.96	24	1		
3	16QAM	1	0	23.19	23.00	23.03				
3	16QAM	1	8	23.32	23.06	23.05				
3	16QAM	1	14	22.99	22.97	23.00	23	2		
3	16QAM	8	0	22.05	21.97	21.87				
3	16QAM	8	4	22.09	22.01	22.09				
3	16QAM	8	7	22.01	21.95	21.95	23	2		
3	16QAM	15	0	21.99	21.97	21.92				
3	64QAM	1	0	22.35	22.17	22.03				
3	64QAM	1	8	22.28	22.22	22.33	23	2		
3	64QAM	1	14	22.17	22.10	21.99				
3	64QAM	8	0	21.21	20.87	20.95				
3	64QAM	8	4	21.13	21.09	21.06	22	3		
3	64QAM	8	7	21.01	20.84	20.90				
3	64QAM	15	0	20.92	21.00	21.00				
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	24.08	24.11	24.09	25	0		
1.4	QPSK	1	3	24.06	23.99	23.98				
1.4	QPSK	1	5	23.97	23.90	23.80				
1.4	QPSK	3	0	24.07	24.06	24.09	24	1		
1.4	QPSK	3	1	24.06	23.99	24.01				
1.4	QPSK	3	3	23.94	23.93	23.83				
1.4	QPSK	6	0	22.93	23.04	22.92	24	1		
1.4	16QAM	1	0	23.27	22.98	23.05				
1.4	16QAM	1	3	23.23	23.02	23.11				
1.4	16QAM	1	5	22.95	22.90	23.01	24	1		
1.4	16QAM	3	0	23.17	22.92	22.99				
1.4	16QAM	3	1	23.09	22.89	22.97				
1.4	16QAM	3	3	22.81	22.83	22.93	23	2		
1.4	16QAM	6	0	22.04	21.98	21.99				
1.4	64QAM	1	0	22.32	22.06	21.90				
1.4	64QAM	1	3	22.17	22.10	22.14	23	2		
1.4	64QAM	1	5	22.09	21.95	21.88				
1.4	64QAM	3	0	22.33	22.06	21.85				
1.4	64QAM	3	1	22.13	22.02	22.24	22	3		
1.4	64QAM	3	3	21.99	21.87	21.93				
1.4	64QAM	6	0	20.90	21.02	20.98				

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						
Frequency (MHz)				829	836.5	844						
10	QPSK	1	0	20.52	20.57	20.40	21.5	0				
10	QPSK	1	25	20.26	20.37	20.38						
10	QPSK	1	49	20.40	20.45	20.28						
10	QPSK	25	0	20.40	20.52	20.37	21.5	0				
10	QPSK	25	12	20.40	20.42	20.33						
10	QPSK	25	25	20.42	20.47	20.31						
10	QPSK	50	0	20.28	20.39	20.29	21.5	0				
10	16QAM	1	0	20.30	20.45	20.26						
10	16QAM	1	25	20.41	20.45	20.29						
10	16QAM	1	49	20.28	20.38	20.25	21.5	0				
10	16QAM	25	0	20.49	20.39	20.44						
10	16QAM	25	12	20.41	20.45	20.37						
10	16QAM	25	25	20.47	20.42	20.33	21.5	0				
10	16QAM	50	0	20.46	20.45	20.42						
10	64QAM	1	0	20.47	20.30	20.26	21.5	0				
10	64QAM	1	25	20.42	20.38	20.41						
10	64QAM	1	49	20.41	20.42	20.44						
10	64QAM	25	0	20.39	20.38	20.38	21.5	0				
10	64QAM	25	12	20.49	20.36	20.31						
10	64QAM	25	25	20.32	20.42	20.32						
10	64QAM	50	0	20.37	20.37	20.34	21.5	0				
Channel				20425	205025	20625						
Frequency (MHz)				826.5	836.5	846.5						
5	QPSK	1	0	20.41	20.49	20.30	21.5	0				
5	QPSK	1	12	20.13	20.30	20.27						
5	QPSK	1	24	20.31	20.37	20.13						
5	QPSK	12	0	20.33	20.38	20.26	21.5	0				
5	QPSK	12	7	20.29	20.32	20.28						
5	QPSK	12	13	20.29	20.41	20.16						
5	QPSK	25	0	20.21	20.24	20.16	21.5	0				
5	16QAM	1	0	20.25	20.33	20.19						
5	16QAM	1	12	20.29	20.34	20.19						
5	16QAM	1	24	20.15	20.28	20.14	21.5	0				
5	16QAM	12	0	20.40	20.25	20.34						
5	16QAM	12	7	20.27	20.27	20.27						
5	16QAM	12	13	20.34	20.33	20.16	21.5	0				
5	16QAM	25	0	20.36	20.36	20.33						
5	64QAM	1	0	20.31	20.29	20.17						
5	64QAM	1	12	20.35	20.29	20.31	21.5	0				
5	64QAM	1	24	20.27	20.34	20.31						
5	64QAM	12	0	20.30	20.30	20.33						
5	64QAM	12	7	20.42	20.22	20.22	21.5	0				
5	64QAM	12	13	20.23	20.39	20.22						
5	64QAM	25	0	20.31	20.29	20.22						
Channel				20415	205025	20625						
Frequency (MHz)				825.5	836.5	847.5						
3	QPSK	1	0	20.43	20.47	20.28	21.5	0				
3	QPSK	1	8	20.17	20.30	20.32						
3	QPSK	1	14	20.26	20.31	20.18						
3	QPSK	8	0	20.38	20.42	20.23	21.5	0				
3	QPSK	8	4	20.35	20.31	20.18						
3	QPSK	8	7	20.37	20.39	20.26						
3	QPSK	15	0	20.14	20.30	20.20	21.5	0				
3	16QAM	1	0	20.19	20.34	20.18						
3	16QAM	1	8	20.26	20.33	20.24						
3	16QAM	1	14	20.23	20.25	20.13	21.5	0				
3	16QAM	8	0	20.36	20.27	20.33						
3	16QAM	8	4	20.27	20.36	20.24						
3	16QAM	8	7	20.35	20.28	20.28	21.5	0				
3	16QAM	15	0	20.31	20.31	20.30						
3	64QAM	1	0	20.39	20.18	20.13						
3	64QAM	1	8	20.37	20.25	20.31	21.5	0				
3	64QAM	1	14	20.26	20.27	20.34						
3	64QAM	8	0	20.32	20.32	20.23						
3	64QAM	8	4	20.40	20.28	20.18	21.5	0				
3	64QAM	8	7	20.27	20.34	20.19						
3	64QAM	15	0	20.26	20.28	20.28						
Channel				20407	205025	20643						
Frequency (MHz)				824.7	836.5	848.3						
1.4	QPSK	1	0	20.45	20.52	20.25	21.5	0				
1.4	QPSK	1	0	20.26	20.36	20.24						
1.4	QPSK	1	5	20.31	20.37	20.19						
1.4	QPSK	3	0	20.35	20.39	20.29	21.5	0				
1.4	QPSK	3	1	20.26	20.29	20.23						
1.4	QPSK	3	3	20.34	20.35	20.25						
1.4	QPSK	6	0	20.13	20.30	20.17	21.5	0				
1.4	16QAM	1	0	20.31	20.33	20.18						
1.4	16QAM	1	3	20.34	20.30	20.22						
1.4	16QAM	1	5	20.17	20.23	20.20	21.5	0				
1.4	16QAM	3	0	20.36	20.27	20.39						
1.4	16QAM	3	1	20.29	20.32	20.24						
1.4	16QAM	3	3	20.41	20.34	20.26	21.5	0				
1.4	16QAM	6	0	20.31	20.39	20.34						
1.4	64QAM	1	0	20.41	20.24	20.15						
1.4	64QAM	1	3	20.34	20.24	20.30	21.5	0				
1.4	64QAM	1	5	20.35	20.35	20.30						
1.4	64QAM	3	0	20.33	20.30	20.23						
1.4	64QAM	3	1	20.38	20.21	20.19	21.5	0				
1.4	64QAM	3	3	20.37	20.36	20.18						
1.4	64QAM	6	0	20.30	20.24	20.21						

Band 7_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	14.72	14.85	14.78	15.5	0		
20	QPSK	1	49	14.66	14.75	14.69				
20	QPSK	1	99	14.71	14.81	14.63				
20	QPSK	50	0	14.72	14.83	14.65				
20	QPSK	50	24	14.69	14.73	14.63	15.5	0		
20	QPSK	50	50	14.69	14.81	14.57				
20	QPSK	100	0	14.66	14.71	14.61				
20	16QAM	1	0	14.65	14.67	14.61				
20	16QAM	1	49	14.70	14.68	14.68	15.5	0		
20	16QAM	1	99	14.50	14.69	14.59				
20	16QAM	50	0	14.72	14.65	14.58				
20	16QAM	50	24	14.63	14.68	14.67				
20	16QAM	50	50	14.76	14.78	14.60	15.5	0		
20	16QAM	100	0	14.58	14.81	14.63				
20	64QAM	1	0	14.66	14.75	14.63				
20	64QAM	1	49	14.60	14.76	14.64				
20	64QAM	1	99	14.63	14.76	14.74	15.5	0		
20	64QAM	50	0	14.61	14.80	14.75				
20	64QAM	50	24	14.59	14.69	14.65				
20	64QAM	50	50	14.58	14.71	14.61				
20	64QAM	100	0	14.69	14.85	14.53	Tune-up limit (dBm)	MPR (dB)		
Channel				20825	21100	21375				
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	14.66	14.72	14.72		15.5		
15	QPSK	1	37	14.60	14.71	14.63				
15	QPSK	1	74	14.70	14.78	14.52				
15	QPSK	36	0	14.59	14.69	14.62				
15	QPSK	36	20	14.58	14.60	14.49	15.5	0		
15	QPSK	36	39	14.55	14.67	14.56				
15	QPSK	75	0	14.60	14.60	14.53				
15	16QAM	1	0	14.64	14.66	14.47				
15	16QAM	1	37	14.69	14.59	14.60	15.5	0		
15	16QAM	1	74	14.49	14.62	14.57				
15	16QAM	36	0	14.61	14.64	14.46				
15	16QAM	36	20	14.56	14.67	14.54				
15	16QAM	36	39	14.72	14.70	14.57	15.5	0		
15	16QAM	75	0	14.66	14.79	14.51				
15	64QAM	1	0	14.62	14.69	14.52				
15	64QAM	1	37	14.45	14.67	14.59				
15	64QAM	1	74	14.62	14.69	14.72	15.5	0		
15	64QAM	36	0	14.48	14.71	14.71				
15	64QAM	36	20	14.50	14.67	14.51				
15	64QAM	36	39	14.45	14.61	14.50				
15	64QAM	75	0	14.61	14.82	14.50	Tune-up limit (dBm)	MPR (dB)		
Channel				20900	21100	21400				
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	0	14.58	14.78	14.73		15.5		
10	QPSK	1	25	14.57	14.63	14.65				
10	QPSK	1	49	14.56	14.80	14.54				
10	QPSK	25	0	14.67	14.76	14.59				
10	QPSK	25	12	14.66	14.64	14.51	15.5	0		
10	QPSK	25	26	14.63	14.80	14.45				
10	QPSK	50	0	14.53	14.69	14.57				
10	16QAM	1	0	14.64	14.63	14.49				
10	16QAM	1	25	14.62	14.59	14.62	15.5	0		
10	16QAM	1	49	14.39	14.66	14.54				
10	16QAM	25	0	14.67	14.60	14.51				
10	16QAM	25	12	14.55	14.66	14.66				
10	16QAM	25	26	14.72	14.68	14.59	15.5	0		
10	16QAM	50	0	14.45	14.66	14.61				
10	64QAM	1	0	14.55	14.70	14.56				
10	64QAM	1	25	14.55	14.75	14.53				
10	64QAM	1	49	14.55	14.67	14.70	15.5	0		
10	64QAM	25	0	14.53	14.66	14.60				
10	64QAM	25	12	14.57	14.59	14.58				
10	64QAM	25	26	14.43	14.63	14.54				
10	64QAM	50	0	14.58	14.76	14.39	Tune-up limit (dBm)	MPR (dB)		
Channel				20775	21100	21425				
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	14.63	14.78	14.72		15.5		
5	QPSK	1	12	14.52	14.69	14.64				
5	QPSK	1	24	14.59	14.66	14.55				
5	QPSK	12	0	14.62	14.81	14.61				
5	QPSK	12	7	14.56	14.72	14.51	15.5	0		
5	QPSK	12	13	14.62	14.71	14.56				
5	QPSK	25	0	14.51	14.64	14.50				
5	16QAM	1	0	14.64	14.52	14.52				
5	16QAM	1	12	14.60	14.56	14.59	15.5	0		
5	16QAM	1	24	14.47	14.62	14.53				
5	16QAM	12	0	14.65	14.52	14.53				
5	16QAM	12	7	14.57	14.65	14.65				
5	16QAM	12	13	14.73	14.65	14.47	15.5	0		
5	16QAM	25	0	14.51	14.73	14.59				
5	64QAM	1	0	14.62	14.66	14.53				
5	64QAM	1	12	14.53	14.72	14.62				
5	64QAM	1	24	14.51	14.76	14.72	15.5	0		
5	64QAM	12	0	14.60	14.76	14.68				
5	64QAM	12	7	14.58	14.56	14.54				
5	64QAM	12	13	14.43	14.57	14.57				
5	64QAM	25	0	14.61	14.78	14.38	Tune-up limit (dBm)	MPR (dB)		

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	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	16.21	16.30	16.25	16.5	0		
20	QPSK	1	49	16.13	16.26	16.24				
20	QPSK	1	99	16.09	16.09	16.17				
20	QPSK	50	0	16.23	16.26	16.22				
20	QPSK	50	24	16.11	16.20	16.13	16.5	0		
20	QPSK	50	50	16.13	16.28	16.19				
20	QPSK	100	0	16.19	16.24	16.12				
20	16QAM	1	0	16.19	16.21	16.04				
20	16QAM	1	49	15.99	16.16	16.24	16.5	0		
20	16QAM	1	99	16.20	16.17	16.16				
20	16QAM	50	0	16.11	16.12	16.16				
20	16QAM	50	24	16.13	16.28	16.14				
20	16QAM	50	50	16.02	16.10	16.15	16.5	0		
20	16QAM	100	0	16.14	16.15	16.16				
20	64QAM	1	0	16.04	16.24	16.19				
20	64QAM	1	49	16.09	16.15	16.08				
20	64QAM	1	99	16.13	16.11	16.12	16.5	0		
20	64QAM	50	0	16.05	16.12	16.15				
20	64QAM	50	24	16.09	16.12	16.10				
20	64QAM	50	50	16.07	16.26	16.10				
20	64QAM	100	0	16.09	16.14	16.13	16.5	0		
Channel				20825	21100	21375			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				25065	2535	2562.5				
15	QPSK	1	0	16.18	16.21	16.17	16.5	0		
15	QPSK	1	37	15.99	16.14	16.15				
15	QPSK	1	74	16.08	15.94	16.05				
15	QPSK	36	0	16.21	16.25	16.12				
15	QPSK	36	20	16.07	16.19	16.00	16.5	0		
15	QPSK	36	39	16.16	16.12	16.13				
15	QPSK	75	0	16.07	16.17	16.02				
15	16QAM	1	0	16.04	16.17	16.01				
15	16QAM	1	37	15.86	16.15	16.17	16.5	0		
15	16QAM	1	74	16.11	16.16	16.11				
15	16QAM	36	0	16.01	16.10	16.10				
15	16QAM	36	20	16.09	16.18	16.10				
15	16QAM	36	39	15.97	16.01	16.09	16.5	0		
15	16QAM	75	0	16.01	16.03	16.11				
15	64QAM	1	0	15.96	16.23	16.08				
15	64QAM	1	37	16.04	16.09	15.93				
15	64QAM	1	74	15.99	16.03	16.08	16.5	0		
15	64QAM	36	0	15.94	16.08	16.12				
15	64QAM	36	20	16.04	15.99	16.16				
15	64QAM	36	39	15.96	16.13	16.04				
15	64QAM	75	0	16.08	16.01	15.98	16.5	0		
Channel				20800	21100	21400			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	16.10	16.29	16.10	16.5	0		
10	QPSK	1	25	16.12	16.18	16.15				
10	QPSK	1	49	16.04	15.99	16.04				
10	QPSK	25	0	16.21	16.11	16.19				
10	QPSK	25	12	16.10	16.13	16.07	16.5	0		
10	QPSK	25	25	16.06	16.05	16.13				
10	QPSK	50	0	16.16	16.22	16.06				
10	16QAM	1	0	16.14	16.20	16.02				
10	16QAM	1	25	15.88	16.15	16.19	16.5	0		
10	16QAM	1	49	16.12	16.11	16.11				
10	16QAM	25	0	16.01	16.03	16.03				
10	16QAM	25	12	16.00	16.17	16.03				
10	16QAM	25	25	15.87	15.96	16.01	16.5	0		
10	16QAM	50	0	16.06	16.09	16.10				
10	64QAM	1	0	15.98	16.22	16.05				
10	64QAM	1	25	15.95	16.13	16.05				
10	64QAM	1	49	16.03	16.01	15.99	16.5	0		
10	64QAM	25	0	15.96	15.97	16.07				
10	64QAM	25	12	15.97	16.11	15.97				
10	64QAM	25	25	15.94	16.25	16.05				
10	64QAM	50	0	15.96	16.11	16.05	16.5	0		
Channel				20775	21100	21425			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				25025	2535	2567.5				
5	QPSK	1	0	16.20	16.31	16.24	16.5	0		
5	QPSK	1	12	16.07	16.11	16.22				
5	QPSK	1	24	16.08	16.02	16.14				
5	QPSK	12	0	16.10	16.13	16.16				
5	QPSK	12	7	16.08	16.08	16.02	16.5	0		
5	QPSK	12	13	16.13	16.12	16.12				
5	QPSK	25	0	16.13	16.16	16.03				
5	16QAM	1	0	16.17	16.12	15.93				
5	16QAM	1	12	15.94	16.11	16.17	16.5	0		
5	16QAM	1	24	16.05	16.12	16.13				
5	16QAM	12	0	15.97	16.05	16.01				
5	16QAM	12	7	16.06	16.23	16.05				
5	16QAM	12	13	15.94	16.09	16.11	16.5	0		
5	16QAM	25	0	15.99	16.03	16.12				
5	64QAM	1	0	16.01	16.22	16.15				
5	64QAM	1	12	15.97	16.12	15.96				
5	64QAM	1	24	16.08	16.09	16.10	16.5	0		
5	64QAM	12	0	15.94	16.03	16.02				
5	64QAM	12	7	16.02	16.09	16.06				
5	64QAM	12	13	15.98	16.21	16.09				
5	64QAM	25	0	15.94	16.04	16.06	16.5	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	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				704	707.5	711						
10	QPSK	1	0	21.55	21.60	21.56	22.5	0				
10	QPSK	1	25	21.47	21.38	21.28						
10	QPSK	1	49	21.51	21.56	21.50						
10	QPSK	25	0	21.53	21.58	21.48						
10	QPSK	25	12	21.32	21.37	21.38						
10	QPSK	25	25	21.52	21.35	21.43	22.5	0				
10	QPSK	50	0	21.40	21.48	21.45						
10	16QAM	1	0	21.47	21.39	21.51						
10	16QAM	1	25	21.37	21.38	21.42						
10	16QAM	1	49	21.45	21.48	21.44						
10	16QAM	25	0	21.45	21.55	21.46	22.5	0				
10	16QAM	25	12	21.34	21.33	21.15						
10	16QAM	25	25	21.46	21.47	21.49						
10	16QAM	50	0	21.54	21.50	21.48						
10	64QAM	1	0	21.36	21.23	21.24						
10	64QAM	1	25	21.39	21.47	21.43	22.5	0				
10	64QAM	1	49	21.45	21.53	21.35						
10	64QAM	25	0	21.14	21.01	20.96						
10	64QAM	25	12	21.20	21.03	21.00						
10	64QAM	25	25	21.09	21.11	21.08						
10	64QAM	50	0	21.18	21.05	20.93	Tune-up limit (dBm)	MPR (dB)				
Channel				23035	23095	23155						
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)				
5	QPSK	1	0	21.49	21.45	21.52				22.5		
5	QPSK	1	12	21.35	21.23	21.19	22.5					
5	QPSK	1	24	21.42	21.43	21.47						
5	QPSK	12	0	21.42	21.49	21.46						
5	QPSK	12	7	21.28	21.27	21.24						
5	QPSK	12	13	21.38	21.21	21.34	22.5	0				
5	QPSK	25	0	21.34	21.34	21.32						
5	16QAM	1	0	21.39	21.26	21.37						
5	16QAM	1	12	21.29	21.24	21.29						
5	16QAM	1	24	21.44	21.40	21.43						
5	16QAM	12	0	21.42	21.53	21.38	22.5	0				
5	16QAM	12	7	21.26	21.20	21.10						
5	16QAM	12	13	21.39	21.46	21.48						
5	16QAM	25	0	21.41	21.35	21.41						
5	64QAM	1	0	21.31	21.13	21.14						
5	64QAM	1	12	21.29	21.32	21.29	22.5	0				
5	64QAM	1	24	21.32	21.38	21.21						
5	64QAM	12	0	21.03	20.88	20.89						
5	64QAM	12	7	21.13	20.94	20.93						
5	64QAM	12	13	20.98	21.06	21.03						
5	64QAM	25	0	21.07	20.93	20.79	Tune-up limit (dBm)	MPR (dB)				
Channel				23025	23095	23165						
Frequency (MHz)				700.5	707.5	714.5	Tune-up limit (dBm)	MPR (dB)				
3	QPSK	1	0	21.45	21.47	21.51				22.5		
3	QPSK	1	8	21.40	21.33	21.16	22.5					
3	QPSK	1	14	21.49	21.55	21.44						
3	QPSK	8	0	21.42	21.46	21.47						
3	QPSK	8	4	21.17	21.26	21.27						
3	QPSK	8	7	21.39	21.31	21.31	22.5	0				
3	QPSK	15	0	21.28	21.36	21.40						
3	16QAM	1	0	21.35	21.28	21.41						
3	16QAM	1	8	21.33	21.23	21.33						
3	16QAM	1	14	21.43	21.46	21.40						
3	16QAM	8	0	21.34	21.54	21.33	22.5	0				
3	16QAM	8	4	21.21	21.23	21.06						
3	16QAM	8	7	21.41	21.43	21.44						
3	16QAM	15	0	21.48	21.41	21.33						
3	64QAM	1	0	21.28	21.22	21.17						
3	64QAM	1	8	21.26	21.42	21.31	22.5	0				
3	64QAM	1	14	21.33	21.48	21.31						
3	64QAM	8	0	21.01	20.94	20.83						
3	64QAM	8	4	21.07	20.88	20.93						
3	64QAM	8	7	20.94	21.05	20.95						
3	64QAM	15	0	21.10	20.97	20.80	Tune-up limit (dBm)	MPR (dB)				
Channel				23017	23095	23173						
Frequency (MHz)				699.7	707.5	715.3	Tune-up limit (dBm)	MPR (dB)				
1.4	QPSK	1	0	21.50	21.45	21.54				22.5		
1.4	QPSK	1	3	21.39	21.24	21.26	22.5					
1.4	QPSK	1	5	21.49	21.55	21.47						
1.4	QPSK	3	0	21.48	21.54	21.47						
1.4	QPSK	3	1	21.23	21.28	21.28						
1.4	QPSK	3	3	21.37	21.24	21.31	22.5	0				
1.4	QPSK	6	0	21.28	21.44	21.33						
1.4	16QAM	1	0	21.36	21.37	21.47						
1.4	16QAM	1	3	21.26	21.33	21.31						
1.4	16QAM	1	5	21.36	21.34	21.29						
1.4	16QAM	3	0	21.43	21.42	21.40	22.5	0				
1.4	16QAM	3	1	21.31	21.32	21.08						
1.4	16QAM	3	3	21.44	21.40	21.41						
1.4	64QAM	1	0	21.43	21.38	21.42						
1.4	64QAM	1	3	21.35	21.11	21.10						
1.4	64QAM	1	5	21.42	21.40	21.23	22.5	0				
1.4	64QAM	3	0	21.06	21.24	21.26						
1.4	64QAM	3	1	21.03	21.16	21.30						
1.4	64QAM	3	3	21.03	21.32	21.34						
1.4	64QAM	6	0	21.06	20.91	20.81						
1.4	64QAM	6	0	21.06	20.91	20.81	Tune-up limit (dBm)	MPR (dB)				

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	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				709	710	711				
10	QPSK	1	0	24.01	24.11	24.03	25	0		
10	QPSK	1	25	23.95	24.10	23.90				
10	QPSK	1	49	23.87	23.98	23.84				
10	QPSK	25	0	23.09	23.10	23.04	24	1		
10	QPSK	25	12	22.95	22.94	23.03				
10	QPSK	25	25	23.03	22.98	22.99				
10	QPSK	50	0	22.95	23.03	22.93	24	1		
10	16QAM	1	0	23.24	23.01	23.24				
10	16QAM	1	25	23.13	23.05	23.08				
10	16QAM	1	49	23.25	23.03	23.04	23	2		
10	16QAM	25	0	21.99	22.02	21.95				
10	16QAM	25	12	22.09	21.91	21.84				
10	16QAM	25	25	21.86	22.13	21.97	23	2		
10	16QAM	50	0	22.06	21.86	21.88				
10	64QAM	1	0	22.11	21.90	22.09				
10	64QAM	1	25	22.04	22.10	22.20	23	2		
10	64QAM	1	49	22.26	22.05	22.23				
10	64QAM	25	0	20.81	20.92	21.03	22	3		
10	64QAM	25	12	20.97	20.96	20.92				
10	64QAM	25	25	21.06	21.05	20.97				
10	64QAM	50	0	20.93	20.92	20.93	21	3		
Channel				23755	23790	23825				
Frequency (MHz)				706.5	710	713.5				
5	QPSK	1	0	23.91	23.92	23.96	25	0		
5	QPSK	1	12	23.78	23.89	23.77				
5	QPSK	1	24	23.78	23.89	23.75				
5	QPSK	12	0	22.97	22.97	22.97	24	1		
5	QPSK	12	7	22.95	22.89	22.85				
5	QPSK	12	13	22.86	22.91	22.88				
5	QPSK	25	0	22.83	22.84	22.80	23	2		
5	16QAM	1	0	23.05	22.87	23.12				
5	16QAM	1	12	23.07	22.90	23.04				
5	16QAM	1	24	23.16	22.91	23.07	23	2		
5	16QAM	12	0	21.95	21.98	21.84				
5	16QAM	12	7	22.02	21.84	21.69				
5	16QAM	12	13	21.84	21.97	21.93	23	2		
5	16QAM	25	0	21.92	21.76	21.83				
5	64QAM	1	0	21.96	21.81	21.86				
5	64QAM	1	12	21.97	22.05	22.04	23	2		
5	64QAM	1	24	22.11	21.97	22.19				
5	64QAM	12	0	20.77	20.97	20.94				
5	64QAM	12	7	20.87	20.92	20.80	22	3		
5	64QAM	12	13	21.03	20.90	20.78				
5	64QAM	25	0	20.79	20.79	20.85				

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												
Frequency (MHz)				821.5	831.5	841.5						
15	QPSK	1	0	23.16	23.21	23.18	25	0				
15	QPSK	1	37	23.90	23.89	23.86						
15	QPSK	1	74	23.84	23.79	23.81						
15	QPSK	36	0	23.10	23.12	23.02	24	1				
15	QPSK	36	20	23.09	22.95	22.95						
15	QPSK	36	39	23.05	23.06	22.99						
15	QPSK	75	0	23.08	23.10	22.84	24	1				
15	16QAM	1	0	23.27	23.39	23.31						
15	16QAM	1	37	23.32	23.28	23.41						
15	16QAM	1	74	23.33	23.25	23.30	23	2				
15	16QAM	36	0	22.00	22.06	21.86						
15	16QAM	36	20	22.06	21.94	21.97						
15	16QAM	36	39	22.14	21.96	22.03	23	2				
15	16QAM	75	0	22.18	21.94	22.02						
15	16QAM	1	0	22.24	21.85	21.90						
15	16QAM	1	37	22.16	22.25	22.10	23	2				
15	16QAM	1	74	22.18	21.87	21.93						
15	16QAM	36	0	20.93	21.04	21.12						
15	16QAM	36	20	21.12	20.94	21.15	22	3				
15	16QAM	36	39	21.07	21.15	21.14						
15	16QAM	75	0	21.06	21.00	21.07						
Channel												
Frequency (MHz)				26740 <th>26865<th>26960<th>Tune-up limit (dBm)</th><th colspan="3">MPR (dB)</th></th></th>	26865 <th>26960<th>Tune-up limit (dBm)</th><th colspan="3">MPR (dB)</th></th>	26960 <th>Tune-up limit (dBm)</th> <th colspan="3">MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)				
				819	831.5	844 <th colspan="4"></th>						
10	QPSK	1	0	23.81	23.85	23.81	25	0				
10	QPSK	1	25	23.83	23.74	23.73						
10	QPSK	1	49	23.75	23.72	23.75						
10	QPSK	25	0	23.03	22.99	22.91	24	1				
10	QPSK	25	12	22.98	22.89	22.83						
10	QPSK	25	25	22.90	22.91	22.92						
10	QPSK	50	0	22.99	23.03	22.78	24	1				
10	16QAM	1	0	23.22	23.26	23.21						
10	16QAM	1	25	23.21	23.17	23.29						
10	16QAM	1	49	23.28	23.19	23.17	23	2				
10	16QAM	25	0	21.87	22.00	21.76						
10	16QAM	25	12	21.99	21.83	21.84						
10	16QAM	25	25	22.06	21.81	21.90	23	2				
10	16QAM	50	0	22.08	21.89	21.85						
10	16QAM	1	0	22.11	21.73	21.82						
10	16QAM	1	25	22.01	22.19	21.97	23	2				
10	16QAM	1	49	22.03	21.81	21.78						
10	16QAM	25	0	20.80	20.98	21.05						
10	16QAM	25	12	21.06	20.87	21.10	22	3				
10	16QAM	25	25	20.94	21.02	21.09						
10	16QAM	50	0	20.94	20.91	21.00						
Channel												
Frequency (MHz)				26715 <th>26865<th>27015<th>Tune-up limit (dBm)</th><th colspan="3">MPR (dB)</th></th></th>	26865 <th>27015<th>Tune-up limit (dBm)</th><th colspan="3">MPR (dB)</th></th>	27015 <th>Tune-up limit (dBm)</th> <th colspan="3">MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)				
				816.5 <th>831.5<th>846.5<th colspan="4"></th></th></th>	831.5 <th>846.5<th colspan="4"></th></th>	846.5 <th colspan="4"></th>						
5	QPSK	1	0	23.83	23.88	23.82	25	0				
5	QPSK	1	12	23.84	23.83	23.81						
5	QPSK	1	24	23.70	23.64	23.73						
5	QPSK	12	0	22.97	23.05	22.94	24	1				
5	QPSK	12	7	22.95	22.81	22.86						
5	QPSK	12	13	22.93	22.97	22.92						
5	QPSK	25	0	23.02	22.97	22.72	24	1				
5	16QAM	1	0	23.22	23.29	23.26						
5	16QAM	1	12	23.20	23.19	23.33						
5	16QAM	1	24	23.18	23.18	23.15	23	2				
5	16QAM	12	0	21.92	21.94	21.77						
5	16QAM	12	7	21.97	21.85	21.84						
5	16QAM	12	13	22.02	21.84	21.98	23	2				
5	16QAM	25	0	22.08	21.86	21.94						
5	16QAM	1	0	22.12	21.71	21.76						
5	16QAM	1	12	22.07	22.16	21.97	23	2				
5	16QAM	1	24	22.12	21.80	21.85						
5	16QAM	12	0	20.79	20.86	20.86						
5	16QAM	12	7	21.04	20.82	21.10	22	3				
5	16QAM	12	13	20.92	21.09	21.02						
5	16QAM	25	0	21.00	20.86	21.01						
Channel												
Frequency (MHz)				26705 <th>26865<th>27025<th>Tune-up limit (dBm)</th><th colspan="3">MPR (dB)</th></th></th>	26865 <th>27025<th>Tune-up limit (dBm)</th><th colspan="3">MPR (dB)</th></th>	27025 <th>Tune-up limit (dBm)</th> <th colspan="3">MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)				
				815.5 <th>831.5<th>847.5<th colspan="4"></th></th></th>	831.5 <th>847.5<th colspan="4"></th></th>	847.5 <th colspan="4"></th>						
3	QPSK	1	0	23.84	23.90	23.77	25	0				
3	QPSK	1	8	23.82	23.78	23.77						
3	QPSK	1	14	23.72	23.68	23.73						
3	QPSK	8	0	23.02	23.01	22.92	24	1				
3	QPSK	8	4	23.01	22.80	22.87						
3	QPSK	8	7	22.95	22.94	22.94						
3	QPSK	15	0	23.03	22.98	22.78	24	1				
3	16QAM	1	0	23.16	23.32	23.17						
3	16QAM	1	8	23.19	23.22	23.26						
3	16QAM	1	14	23.23	23.19	23.22	23	2				
3	16QAM	8	0	21.87	22.01	21.76						
3	16QAM	8	4	21.97	21.87	21.87						
3	16QAM	8	7	22.09	21.83	21.92	23	2				
3	16QAM	15	0	22.09	21.86	21.90						
3	16QAM	1	0	22.13	21.80	21.75						
3	16QAM	1	8	22.05	22.14	22.02	23	2				
3	16QAM	1	14	22.03	21.81	21.78						
3	16QAM	8	0	20.84	20.92	21.07						
3	16QAM	8	4	21.06	20.88	21.03	22	3				
3	16QAM	8	7	20.96	21.01	20.99						
3	16QAM	15	0	20.91	20.85	20.98						
Channel												
Frequency (MHz)				26697 <th>26865<th>27033<th>Tune-up limit (dBm)</th><th colspan="3">MPR (dB)</th></th></th>	26865 <th>27033<th>Tune-up limit (dBm)</th><th colspan="3">MPR (dB)</th></th>	27033 <th>Tune-up limit (dBm)</th> <th colspan="3">MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)				
				814.7 <th>831.5<th>848.3<th colspan="4"></th></th></th>	831.5 <th>848.3<th colspan="4"></th></th>	848.3 <th colspan="4"></th>						
1.4	QPSK	1	0	23.81	23.94	23.74	25	0				
1.4	QPSK	1	3	23.76	23.77	23.74						
1.4	QPSK	1	5	23.75	23.64	23.69						
1.4	QPSK	3	0	23.72	23.83	23.59	24	1				
1.4	QPSK	3	1	23.68	23.62	23.61						
1.4	QPSK	3	3	23.70	23.54	23.56						
1.4	QPSK	6	0	23.03	22.96	22.72	24	1				
1.4	16QAM	1	0	23.16	23.33	23.21						
1.4	16QAM	1	3	23.18	23.23	23.35						
1.4	16QAM	1	5	23.23	23.14	23.24	24	1				
1.4	16QAM	3	0	23.09	23.28	23.10						
1.4	16QAM	3	1	23.06	23.16	23.25						
1.4	16QAM	3	3	23.09	23.05	23.15	23	2				
1.4	16QAM	6	0	22.21	21.83	21.65						
1.4	16QAM	1	3	22.00	22.03	21.92	23	2				
1.4	16QAM	1	5	22.01	21.73	21.81						
1.4	16QAM	3	0	22.03	21.64	21.70						
1.4	16QAM	3	1	22.02	21.77	21.82	23	2				
1.4	16QAM	3	3	21.95	21.70	21.72						
1.4	16QAM	6	0	20.91	20.91	20.98						

Band 66_Ant 3										
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	16.95	17.01	16.92	18	0		
20	QPSK	1	49	16.84	16.86	16.77				
20	QPSK	1	99	16.74	16.76	16.84				
20	QPSK	50	0	16.94	16.98	16.89				
20	QPSK	50	24	16.90	16.95	16.73	18	0		
20	QPSK	50	50	16.91	16.79	16.80				
20	QPSK	100	0	16.84	16.88	16.85				
20	16QAM	1	0	16.84	17.00	16.75				
20	16QAM	1	49	16.76	16.85	16.78	18	0		
20	16QAM	1	99	16.90	16.93	16.82				
20	16QAM	50	0	16.81	16.86	16.87				
20	16QAM	50	24	16.84	16.95	16.83				
20	16QAM	50	50	16.80	16.81	16.79	18	0		
20	16QAM	100	0	16.75	16.93	16.73				
20	64QAM	1	0	16.83	16.90	16.77	18	0		
20	64QAM	1	49	16.84	16.88	16.71				
20	64QAM	1	99	16.80	16.85	16.80				
20	64QAM	50	0	16.79	16.86	16.72				
20	64QAM	50	24	16.93	16.78	16.79	18	0		
20	64QAM	50	50	16.80	16.81	16.79				
20	64QAM	100	0	16.91	16.77	16.78				
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	16.95	16.87	16.80	18	0		
15	QPSK	1	37	16.80	16.73	16.64				
15	QPSK	1	74	16.71	16.72	16.75				
15	QPSK	36	0	16.87	16.92	16.79				
15	QPSK	36	20	16.84	16.92	16.70	18	0		
15	QPSK	36	39	16.80	16.76	16.67				
15	QPSK	75	0	16.85	16.82	16.73				
15	16QAM	1	0	16.71	16.87	16.66				
15	16QAM	1	37	16.71	16.83	16.72	18	0		
15	16QAM	1	74	16.84	16.89	16.70				
15	16QAM	36	0	16.72	16.75	16.66				
15	16QAM	36	20	16.74	16.91	16.79				
15	16QAM	36	39	16.65	16.91	16.63	18	0		
15	16QAM	75	0	16.73	16.90	16.72				
15	64QAM	1	0	16.82	16.82	16.64				
15	64QAM	1	37	16.73	16.85	16.64	18	0		
15	64QAM	1	74	16.73	16.78	16.66				
15	64QAM	36	0	16.68	16.76	16.60				
15	64QAM	36	20	16.82	16.65	16.68				
15	64QAM	36	39	16.70	16.75	16.76	18	0		
15	64QAM	75	0	16.86	16.73	16.77				
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	16.88	16.91	16.81	18	0		
10	QPSK	1	25	16.77	16.76	16.65				
10	QPSK	1	49	16.62	16.73	16.76				
10	QPSK	25	0	16.81	16.97	16.86				
10	QPSK	25	12	16.82	16.93	16.69	18	0		
10	QPSK	25	25	16.83	16.85	16.66				
10	QPSK	50	0	16.73	16.81	16.77				
10	16QAM	1	0	16.80	16.85	16.62				
10	16QAM	1	25	16.75	16.80	16.63	18	0		
10	16QAM	1	49	16.89	16.78	16.74				
10	16QAM	25	0	16.77	16.79	16.75				
10	16QAM	25	12	16.71	16.88	16.68				
10	16QAM	25	25	16.71	16.90	16.58	18	0		
10	16QAM	50	0	16.71	16.88	16.67				
10	64QAM	1	0	16.70	16.83	16.72				
10	64QAM	1	25	16.76	16.84	16.56				
10	64QAM	1	49	16.69	16.75	16.71	18	0		
10	64QAM	25	0	16.64	16.72	16.71				
10	64QAM	25	12	16.85	16.72	16.74				
10	64QAM	25	25	16.72	16.67	16.67				
10	64QAM	50	0	16.68	16.75	16.75	18	0		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	16.81	16.98	16.77	18	0		
5	QPSK	1	12	16.73	16.97	16.76				
5	QPSK	1	24	16.66	16.98	16.72				
5	QPSK	12	0	16.80	16.94	16.79				
5	QPSK	12	7	16.86	16.86	16.65	18	0		
5	QPSK	12	13	16.76	16.67	16.76				
5	QPSK	25	0	16.83	16.86	16.84				
5	16QAM	1	0	16.83	16.91	16.73				
5	16QAM	1	12	16.67	16.70	16.74	18	0		
5	16QAM	1	24	16.85	16.80	16.76				
5	16QAM	12	0	16.74	16.76	16.81				
5	16QAM	12	7	16.79	16.88	16.70				
5	16QAM	12	13	16.77	16.88	16.83	18	0		
5	16QAM	25	0	16.60	16.82	16.58				
5	64QAM	1	0	16.76	16.75	16.75				
5	64QAM	1	12	16.71	16.77	16.65				
5	64QAM	1	24	16.69	16.83	16.73	18	0		
5	64QAM	12	0	16.68	16.85	16.60				
5	64QAM	12	7	16.79	16.68	16.68				
5	64QAM	12	13	16.76	16.75	16.72				
5	64QAM	25	0	16.72	16.67	16.74	18	0		
Channel				131997	132322	132657	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	16.86	16.97	16.87	18	0		
3	QPSK	1	8	16.74	16.83	16.71				
3	QPSK	1	14	16.66	16.72	16.82				
3	QPSK	8	0	16.82	16.94	16.85				
3	QPSK	8	4	16.78	16.90	16.61	18	0		
3	QPSK	8	7	16.83	16.71	16.78				
3	QPSK	15	0	16.85	16.83	16.76				
3	16QAM	1	0	16.81	16.90	16.83				
3	16QAM	1	8	16.70	16.71	16.71	18	0		
3	16QAM	1	14	16.86	16.84	16.75				
3	16QAM	8	0	16.76	16.73	16.74				
3	16QAM	8	4	16.78	16.83	16.69				
3	16QAM	8	7	16.70	16.96	16.54	18	0		
3	16QAM	15	0	16.72	16.84	16.67				
3	64QAM	1	0	16.70	16.86	16.65				
3	64QAM	1	8	16.70	16.73	16.62				
3	64QAM	1	14	16.77	16.80	16.67	18	0		
3	64QAM	8	0	16.77	16.75	16.63				
3	64QAM	8	4	16.79	16.69	16.67				
3	64QAM	8	7	16.74	16.76	16.74				
3	64QAM	15	0	16.89	16.64	16.69	18	0		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1745	1779.3				
1.4	QPSK	1	0	16.84	16.88	16.79	18	0		
1.4	QPSK	1	3	16.77	16.79	16.67				
1.4	QPSK	1	5	16.67	16.75	16.80				
1.4	QPSK	3	0	16.83	16.90	16.88				
1.4	QPSK	3	1	16.85	16.83	16.62	18	0		
1.4	QPSK	3	3	16.88	16.68	16.77				
1.4	QPSK	6	0	16.79	16.79	16.80				
1.4	16QAM	1	0	16.83	16.91	16.82	18	0		
1.4	16QAM	1	3	16.73	16.73	16.70				
1.4	16QAM	1	5	16.61	16.84	16.81				
1.4	16QAM	3	0	16.79	16.78	16.75				
1.4	16QAM	3	1	16.79	16.93	16.74	18	0		
1.4	16QAM	3	3	16.63	16.86	16.66				
1.4	16QAM	6	0	16.70	16.70	16.63				
1.4	16QAM	1	0	16.70	16.81	16.74				
1.4	64QAM	1	3	16.73	16.75	16.62	18	0		
1.4	64QAM	1	5	16.74	16.82	16.75				
1.4	64QAM	3	0	16.69	16.74	16.66				
1.4	64QAM	3	1	16.79	16.83	16.76				
1.4	64QAM	3	3	16.65	16.68	16.72	18	0		
1.4	64QAM	6	0	16.81	16.74	16.73				

Band 38_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	23.40	23.35	23.35	24.5	0		
20	QPSK	1	49	23.39	23.10	23.31				
20	QPSK	1	99	23.35	23.25	23.20				
20	QPSK	50	0	22.62	22.57	22.55	23.5	1		
20	QPSK	50	24	22.47	22.30	22.50				
20	QPSK	50	50	22.48	22.53	22.33				
20	QPSK	100	0	22.60	22.46	22.50	23.5	1		
20	16QAM	1	0	22.21	22.36	22.40				
20	16QAM	1	49	21.48	21.40	21.35				
20	16QAM	1	99	22.22	22.37	22.10	22.5	2		
20	16QAM	50	0	21.88	21.49	21.47				
20	16QAM	50	24	21.63	21.56	21.74				
20	16QAM	50	50	21.42	21.62	21.63	21.5	3		
20	16QAM	100	0	21.47	21.51	21.33				
20	64QAM	1	0	21.48	21.40	21.35				
20	64QAM	1	49	21.23	21.40	21.41	22.5	2		
20	64QAM	1	99	21.35	21.38	21.25				
20	64QAM	50	0	20.58	20.40	20.42				
20	64QAM	50	24	20.51	20.60	20.69	21.5	3		
20	64QAM	50	50	20.48	20.30	20.57				
20	64QAM	100	0	20.59	20.58	20.51				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2677.5	2695	2612.5				
15	QPSK	1	0	23.35	23.26	23.20	24.5	0		
15	QPSK	1	37	23.25	23.14	23.23				
15	QPSK	1	74	23.29	23.18	23.14				
15	QPSK	36	0	22.57	22.43	22.44	23.5	1		
15	QPSK	36	20	22.40	22.19	22.44				
15	QPSK	36	39	22.42	22.47	22.21				
15	QPSK	75	0	22.48	22.31	22.44	23.5	1		
15	16QAM	1	0	22.06	22.23	22.35				
15	16QAM	1	37	22.12	22.22	22.20				
15	16QAM	1	74	22.12	22.31	22.05	22.5	2		
15	16QAM	36	0	21.56	21.43	21.32				
15	16QAM	36	20	21.54	21.40	21.68				
15	16QAM	36	39	21.35	21.40	21.55	21.5	3		
15	16QAM	75	0	21.40	21.44	21.24				
15	64QAM	1	0	21.37	21.25	21.30				
15	64QAM	1	37	21.08	21.28	21.28	22.5	2		
15	64QAM	1	74	21.23	21.30	21.19				
15	64QAM	36	0	20.50	20.32	20.33				
15	64QAM	36	20	20.42	20.46	20.55	21.5	3		
15	64QAM	36	39	20.43	20.16	20.44				
15	64QAM	75	0	20.45	20.51	20.40				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	23.35	23.26	23.28	24.5	0		
10	QPSK	1	25	23.34	23.04	23.20				
10	QPSK	1	49	23.29	23.13	23.20				
10	QPSK	25	0	22.57	22.46	22.50	23.5	1		
10	QPSK	25	12	22.38	22.25	22.45				
10	QPSK	25	25	22.35	22.42	22.26				
10	QPSK	50	0	22.55	22.39	22.45	23.5	1		
10	16QAM	1	0	22.14	22.27	22.33				
10	16QAM	1	25	22.09	22.23	22.16				
10	16QAM	1	49	22.15	22.25	21.99	22.5	2		
10	16QAM	25	0	21.63	21.34	21.37				
10	16QAM	25	12	21.51	21.41	21.64				
10	16QAM	25	25	21.32	21.49	21.55	22.5	2		
10	16QAM	50	0	21.39	21.42	21.19				
10	64QAM	1	0	21.34	21.30	21.30				
10	64QAM	1	25	21.08	21.35	21.27	22.5	2		
10	64QAM	1	49	21.25	21.24	21.10				
10	64QAM	25	0	20.46	20.32	20.33				
10	64QAM	25	12	20.38	20.51	20.56	21.5	3		
10	64QAM	25	25	20.35	20.21	20.49				
10	64QAM	50	0	20.45	20.51	20.47				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	23.33	23.23	23.29	24.5	0		
5	QPSK	1	12	23.33	23.13	23.22				
5	QPSK	1	24	23.23	23.16	23.22				
5	QPSK	12	0	22.52	22.45	22.45	23.5	1		
5	QPSK	12	7	22.42	22.23	22.39				
5	QPSK	12	13	22.38	22.43	22.22				
5	QPSK	25	0	22.47	22.39	22.45	23.5	1		
5	16QAM	1	0	22.11	22.31	22.25				
5	16QAM	1	12	22.15	22.18	22.17				
5	16QAM	1	24	22.15	22.27	21.98	22.5	2		
5	16QAM	12	0	21.57	21.37	21.39				
5	16QAM	12	7	21.48	21.47	21.66				
5	16QAM	12	13	21.29	21.54	21.55	22.5	2		
5	16QAM	25	0	21.39	21.44	21.22				
5	64QAM	1	0	21.42	21.26	21.27				
5	64QAM	1	12	21.14	21.32	21.30	22.5	2		
5	64QAM	1	24	21.24	21.27	21.16				
5	64QAM	12	0	20.43	20.28	20.31				
5	64QAM	12	7	20.39	20.45	20.64	21.5	3		
5	64QAM	12	13	20.40	20.25	20.42				
5	64QAM	25	0	20.53	20.46	20.46				

Band 38_Ant 3										
BW [MHz]	Modulatio n	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	17.09	16.95	16.92	17.5	0		
20	QPSK	1	49	16.91	16.74	16.88				
20	QPSK	1	99	17.00	16.75	16.79				
20	QPSK	50	0	16.94	16.92	16.91	17.5	0		
20	QPSK	50	24	16.89	16.81	16.77				
20	QPSK	50	50	16.90	16.74	16.74				
20	QPSK	100	0	17.03	16.88	16.89	17.5	0		
20	16QAM	1	0	16.93	16.91	16.84				
20	16QAM	1	49	17.08	16.76	16.84				
20	16QAM	1	99	16.98	16.88	16.76	17.5	0		
20	16QAM	50	0	16.92	16.87	16.71				
20	16QAM	50	24	16.93	16.89	16.77				
20	16QAM	50	50	16.98	16.80	16.76	17.5	0		
20	16QAM	100	0	16.92	16.76	16.77				
20	64QAM	1	0	17.04	16.90	16.89				
20	64QAM	1	49	16.99	16.80	16.87	17.5	0		
20	64QAM	1	99	16.92	16.85	16.89				
20	64QAM	50	0	16.94	16.74	16.81				
20	64QAM	50	24	16.91	16.79	16.90	17.5	0		
20	64QAM	50	50	16.94	16.79	16.81				
20	64QAM	100	0	17.07	16.77	16.91				
Channel				37825	38000	38175				
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	17.08	16.83	16.84	17.5	0		
15	QPSK	1	37	16.76	16.67	16.82				
15	QPSK	1	74	16.86	16.71	16.71				
15	QPSK	36	0	16.94	16.74	16.77	17.5	0		
15	QPSK	36	20	16.84	16.71	16.72				
15	QPSK	36	39	16.78	16.72	16.66				
15	QPSK	75	0	16.88	16.76	16.86	17.5	0		
15	16QAM	1	0	16.86	16.76	16.76				
15	16QAM	1	37	17.00	16.70	16.79				
15	16QAM	1	74	16.90	16.74	16.75	17.5	0		
15	16QAM	36	0	16.82	16.84	16.70				
15	16QAM	36	20	16.82	16.61	16.64				
15	16QAM	36	39	16.87	16.70	16.64	17.5	0		
15	16QAM	75	0	16.88	16.74	16.75				
15	64QAM	1	0	16.92	16.88	16.82				
15	64QAM	1	37	16.92	16.76	16.80	17.5	0		
15	64QAM	1	74	16.91	16.77	16.75				
15	64QAM	36	0	16.81	16.67	16.71				
15	64QAM	36	20	16.86	16.73	16.84	17.5	0		
15	64QAM	36	39	16.90	16.76	16.74				
15	64QAM	75	0	16.99	16.66	16.83				
Channel				37890	38000	38200				
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	16.95	16.67	16.87	17.5	0		
10	QPSK	1	25	16.87	16.66	16.82				
10	QPSK	1	49	16.94	16.74	16.75				
10	QPSK	25	0	16.81	16.89	16.79	17.5	0		
10	QPSK	25	12	16.80	16.78	16.70				
10	QPSK	25	25	16.77	16.87	16.66				
10	QPSK	50	0	17.02	16.78	16.83	17.5	0		
10	QPSK	50	0	16.96	16.81	16.82				
10	16QAM	1	25	16.99	16.68	16.73				
10	16QAM	1	49	16.84	16.75	16.62	17.5	0		
10	16QAM	25	0	16.87	16.72	16.62				
10	16QAM	25	12	16.92	16.82	16.66				
10	16QAM	25	25	16.85	16.78	16.62	17.5	0		
10	16QAM	50	0	16.88	16.66	16.62				
10	64QAM	1	1	17.00	16.83	16.58				
10	64QAM	1	25	16.86	16.67	16.72	17.5	0		
10	64QAM	1	49	16.86	16.84	16.75				
10	64QAM	25	0	16.89	16.73	16.76				
10	64QAM	25	12	16.83	16.71	16.77	17.5	0		
10	64QAM	25	25	16.87	16.72	16.66				
10	64QAM	50	0	16.92	16.76	16.87				
Channel				37875	38000	38187.5				
Frequency (MHz)				2572.5	2595	2618.75				
5	QPSK	1	0	17.05	16.98	16.81	17.5	0		
5	QPSK	1	12	16.84	16.68	16.71				
5	QPSK	1	24	16.99	16.68	16.71				
5	QPSK	12	0	16.84	16.84	16.80	17.5	0		
5	QPSK	12	7	16.74	16.72	16.70				
5	QPSK	12	13	16.77	16.60	16.63				
5	QPSK	36	26	16.93	16.83	16.88	17.5	0		
5	16QAM	1	0	16.79	16.81	16.79				
5	16QAM	1	12	17.07	16.75	16.78				
5	16QAM	1	24	16.94	16.85	16.70	17.5	0		
5	16QAM	12	0	16.89	16.85	16.58				
5	16QAM	12	7	16.88	16.76	16.70				
5	16QAM	12	13	16.91	16.76	16.70	17.5	0		
5	16QAM	25	25	16.85	16.74	16.72				
5	64QAM	1	0	17.00	16.85	16.57				
5	64QAM	1	12	16.92	16.78	16.71	17.5	0		
5	64QAM	1	24	16.86	16.82	16.76				
5	64QAM	12	0	16.83	16.72	16.80				
5	64QAM	12	7	16.80	16.68	16.88	17.5	0		
5	64QAM	12	13	16.81	16.68	16.78				
5	64QAM	25	0	17.04	16.65	16.81				

Band 41_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)
Channel										
	Frequency (MHz)			39750	40185	40620	41055	41490		
20	QPSK	1	0	2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.26	17.20	17.11	17.25	17.08	17.5	0
20	QPSK	1	49	17.15	17.13	17.08	17.23	16.90		
20	QPSK	1	99	17.13	17.08	17.08	17.08	16.95		
20	QPSK	50	0	17.24	17.16	17.11	17.22	17.05	17.5	0
20	QPSK	50	24	17.19	17.05	17.03	17.15	16.86		
20	QPSK	50	50	17.15	17.09	17.01	17.10	17.03	17.5	0
20	QPSK	100	0	17.19	17.12	17.05	17.14	16.89		
20	16QAM	1	0	17.21	17.10	16.97	17.04	16.90		
20	16QAM	1	49	17.11	17.10	16.98	17.16	16.82		
20	16QAM	1	99	17.08	17.05	17.02	17.22	16.87	17.5	0
20	16QAM	50	0	17.10	17.06	16.98	17.02	16.78		
20	16QAM	50	24	17.15	17.07	17.09	17.17	16.84	17.5	0
20	16QAM	50	50	17.15	17.01	17.02	17.17	16.98		
20	16QAM	100	0	17.19	17.00	17.13	17.02	17.02		
20	64QAM	1	0	17.26	17.13	17.10	16.89	16.85		
20	64QAM	1	49	17.19	17.08	17.02	17.11	16.95	17.5	0
20	64QAM	1	99	17.16	17.05	17.02	17.02	16.83		
20	64QAM	50	0	17.16	17.10	17.08	17.18	16.94		
20	64QAM	50	24	17.02	17.13	17.11	17.24	16.92	17.5	0
20	64QAM	50	50	17.15	17.13	17.01	17.09	16.90		
20	64QAM	100	0	17.05	16.98	17.05	17.16	17.03		
Channel										
	Frequency (MHz)			39725	40173	40620	41068	41515	Tune-up limit (dbm)	MPR (dB)
15	QPSK	1	0	2503.5	2548.3	2591	2637.7	2682.5		
15	QPSK	1	0	17.25	17.18	17.01	17.18	17.02	17.5	0
15	QPSK	1	37	17.03	17.03	16.99	17.03	16.75		
15	QPSK	1	74	17.05	17.06	16.91	16.97	16.94		
15	QPSK	36	0	17.16	17.06	17.06	17.10	16.99		
15	QPSK	36	20	17.09	16.98	17.00	17.10	16.79	17.5	0
15	QPSK	36	39	17.13	16.98	16.98	16.99	16.94		
15	QPSK	75	0	17.16	17.05	16.90	17.11	16.78		
15	16QAM	1	0	17.11	16.95	16.92	17.02	16.84		
15	16QAM	1	37	17.08	17.02	16.94	17.04	16.89	17.5	0
15	16QAM	1	74	17.00	16.98	16.94	17.07	16.84		
15	16QAM	36	0	16.95	17.00	16.92	17.05	16.70		
15	16QAM	36	20	17.03	17.09	17.06	17.13	16.80	17.5	0
15	16QAM	36	39	17.10	16.90	16.89	17.13	16.90		
15	16QAM	75	0	17.12	16.85	17.12	16.92	16.87		
15	16QAM	1	0	17.07	17.06	17.02	16.84	17.00		
15	16QAM	1	37	17.15	17.02	17.02	17.01	17.04	17.5	0
15	64QAM	1	74	17.00	17.01	16.88	17.00	16.83		
15	64QAM	36	0	17.13	17.09	16.97	17.03	16.91		
15	64QAM	36	20	16.93	17.06	17.06	17.11	16.84	17.5	0
15	64QAM	36	39	17.06	17.00	16.96	16.97	16.80		
15	64QAM	75	0	16.96	16.90	17.02	17.02	16.91		
Channel										
	Frequency (MHz)			39700	40150	40620	41080	41540	Tune-up limit (dbm)	MPR (dB)
10	QPSK	1	0	2220	2251	2293	2335	2385		
10	QPSK	1	25	17.01	17.08	17.09	17.23	17.03	17.5	0
10	QPSK	1	49	17.07	16.94	17.04	16.96	16.87		
10	QPSK	25	0	17.14	17.04	17.02	17.07	17.04		
10	QPSK	25	12	17.06	17.04	16.88	17.07	16.74	17.5	0
10	QPSK	25	25	17.11	17.03	16.98	17.02	16.96		
10	QPSK	50	0	17.16	16.97	17.02	17.01	16.90		
10	16QAM	1	0	17.16	17.03	16.84	17.04	16.83	17.5	0
10	16QAM	1	25	17.01	16.98	17.05	17.09	16.83		
10	16QAM	1	49	16.94	16.95	16.91	17.14	16.72		
10	16QAM	25	0	17.07	16.96	16.97	17.17	16.74	17.5	0
10	16QAM	25	12	17.00	17.04	16.98	17.10	16.78		
10	16QAM	25	25	17.03	16.99	17.01	17.05	16.83		
10	16QAM	50	0	17.11	16.91	17.12	16.99	16.70	17.5	0
10	64QAM	1	0	17.24	17.05	16.96	16.96	16.80		
10	64QAM	1	25	17.06	17.05	16.97	16.97	16.83	17.5	0
10	64QAM	1	49	16.99	16.91	16.87	17.01	16.83		
10	64QAM	25	0	17.15	17.01	16.95	17.06	16.86		
10	64QAM	25	12	16.92	17.06	17.04	17.13	16.77	17.5	0
10	64QAM	25	25	17.05	17.06	16.94	16.95	16.84		
10	64QAM	50	0	16.90	16.88	16.92	17.04	16.93		
Channel										
	Frequency (MHz)			39675	40148	40620	41093	41565	Tune-up limit (dbm)	MPR (dB)
5	QPSK	1	0	17.15	17.05	17.07	17.16	17.01		
5	QPSK	1	12	17.02	16.98	17.00	17.21	16.89	17.5	0
5	QPSK	1	24	17.09	16.94	17.04	17.02	16.87		
5	QPSK	12	0	17.22	17.06	16.96	17.16	16.94		
5	QPSK	12	7	17.07	17.03	16.95	17.14	16.74		
5	QPSK	12	13	17.16	16.97	17.02	16.99	16.72	17.5	0
5	QPSK	25	0	17.14	17.00	16.93	17.09	16.76		
5	16QAM	1	0	17.18	16.96	16.96	16.97	16.75		
5	16QAM	1	12	17.08	16.99	17.05	17.10	16.78	17.5	0
5	16QAM	1	24	16.88	17.03	17.04	17.11	16.77		
5	16QAM	12	0	17.07	16.99	16.87	17.07	16.72		
5	16QAM	12	7	17.01	17.11	16.99	17.12	16.77	17.5	0
5	16QAM	12	13	17.08	16.87	16.99	17.03	16.85		
5	16QAM	25	0	17.16	16.99	17.03	16.87	16.99		
5	64QAM	1	0	17.24	17.09	17.01	16.93	16.71	17.5	0
5	64QAM	1	12	17.07	16.95	16.99	17.03	16.91		
5	64QAM	1	24	17.06	17.01	17.00	16.87	16.84		
5	64QAM	12	0	17.06	17.07	17.03	17.07	16.86		
5	64QAM	12	7	16.99	17.01	17.03	17.12	16.88	17.5	0
5	64QAM	12	13	17.14	17.02	16.90	17.07	16.81		
5	64QAM	25	0	16.96	16.95	16.91	17.09	16.89		

Band 41_Ant 4												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2508	2549.5	2593	2636.5	2680				
20	QPSK	1	0	18.28	18.20	18.13	18.19	18.15				
20	QPSK	1	49	18.18	18.10	18.08	18.00	17.94	18.5	0		
20	QPSK	1	99	18.22	18.10	18.00	18.03	18.01				
20	QPSK	50	0	18.28	18.10	18.08	18.00	18.11				
20	QPSK	50	24	18.18	18.11	17.92	17.97	18.02	18.5	0		
20	QPSK	50	50	18.19	18.14	17.91	18.08	18.05				
20	QPSK	100	0	18.12	18.03	18.02	18.12	18.10				
20	16QAM	1	0	18.14	18.12	17.92	18.00	18.05				
20	16QAM	1	49	18.12	18.22	17.95	18.06	18.03	18.5			
20	16QAM	1	99	18.22	17.95	18.08	18.17	17.96				
20	16QAM	50	0	18.19	18.14	18.09	18.09	18.05				
20	16QAM	50	24	18.25	18.10	18.06	18.09	18.02				
20	16QAM	50	50	18.27	18.11	18.11	18.03	17.94	18.5	0		
20	16QAM	100	0	18.07	18.07	18.04	17.99	18.09				
20	64QAM	1	0	18.15	18.13	17.91	18.14	18.05				
20	64QAM	1	49	18.19	18.07	17.90	18.05	18.01	18.5	0		
20	64QAM	1	99	18.15	18.15	17.94	18.04	18.09				
20	64QAM	50	0	18.19	18.07	18.02	18.01	18.14				
20	64QAM	50	24	18.21	18.20	18.07	18.03	18.07	18.5	0		
20	64QAM	50	50	18.18	18.17	18.04	18.09	18.09				
20	64QAM	100	0	18.17	18.08	17.94	17.97	17.98				
Channel				39725	40173	40620	41068	41515				
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5				
15	QPSK	1	0	18.16	18.08	18.02	18.16	18.01				
15	QPSK	1	37	18.10	18.05	18.08	18.17	17.98	18.5	0		
15	QPSK	1	74	18.11	18.11	17.89	17.96	17.99				
15	QPSK	36	0	18.16	18.09	17.89	18.05	18.07				
15	QPSK	36	20	18.09	18.08	17.87	17.87	17.88	18.5	0		
15	QPSK	36	39	18.17	18.12	17.89	18.03	18.03				
15	QPSK	75	0	17.99	17.94	17.95	18.03	18.03				
15	16QAM	1	0	18.12	18.04	17.81	17.92	18.04	18.5	0		
15	16QAM	1	37	18.08	18.04	17.81	17.98	17.95				
15	16QAM	1	74	18.20	18.19	17.97	18.06	17.75				
15	16QAM	36	0	18.18	18.02	18.08	18.04	17.81				
15	16QAM	36	20	18.22	18.06	17.93	17.95	17.98	18.5	0		
15	16QAM	36	39	18.16	17.98	18.01	17.94	17.84				
15	16QAM	75	0	18.05	17.97	17.95	17.96	18.08				
15	64QAM	1	0	18.07	18.05	17.80	18.06	17.96	18.5	0		
15	64QAM	1	37	18.11	18.05	17.78	17.96	17.95				
15	64QAM	1	74	18.12	18.08	17.83	18.01	18.01				
15	64QAM	36	0	18.04	17.92	18.00	17.95	18.03				
15	64QAM	36	20	18.16	18.06	18.05	17.99	18.00	18.5	0		
15	64QAM	36	39	18.12	18.03	17.96	18.07	18.04				
15	64QAM	75	0	18.03	18.04	17.85	17.88	17.90				
Channel				39700	40160	40620	41050	41490				
Frequency (MHz)				2501.5	2545.7	2593	2635.8	2679.5				
10	QPSK	1	0	18.25	18.12	18.00	18.13	18.14				
10	QPSK	1	25	18.08	18.02	18.03	17.97	18.01	18.5	0		
10	QPSK	1	49	18.13	18.09	17.88	17.97	17.96				
10	QPSK	25	0	18.13	18.02	17.92	18.06	18.16				
10	QPSK	25	12	18.17	17.97	17.83	17.86	17.97	18.5	0		
10	QPSK	25	25	18.10	18.03	17.79	18.06	18.02				
10	QPSK	50	0	18.06	18.02	17.81	17.98	18.04				
10	16QAM	1	0	18.05	18.04	17.89	17.88	17.94				
10	16QAM	1	25	18.00	18.20	17.85	18.03	18.08	18.5	0		
10	16QAM	1	49	18.18	18.10	17.98	18.10	17.81				
10	16QAM	25	0	18.15	18.08	18.05	18.08	17.94				
10	16QAM	25	12	18.20	17.97	17.91	18.02	17.98	18.5	0		
10	16QAM	25	25	18.12	18.05	18.07	18.00	17.90				
10	16QAM	50	0	18.03	18.03	18.01	17.98	18.05				
10	16QAM	50	0	18.08	18.11	17.90	18.09	17.98				
10	64QAM	1	25	18.09	18.00	17.80	17.92	18.00	18.5	0		
10	64QAM	1	49	18.00	18.11	17.83	17.92	17.98				
10	64QAM	25	0	18.09	18.04	17.90	17.96	18.04				
10	64QAM	25	12	18.11	18.16	18.06	17.97	18.04	18.5	0		
10	64QAM	25	25	18.04	18.07	18.00	18.07	18.09				
10	64QAM	50	0	18.07	18.03	17.81	17.94	17.86				
Channel				39675	40148	40620	41093	41565				
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5				
5	QPSK	1	0	18.18	18.08	18.09	18.13	18.02				
5	QPSK	1	12	18.08	18.00	17.95	17.95	17.91	18.5	0		
5	QPSK	1	24	18.11	18.18	17.86	17.93	17.86				
5	QPSK	12	0	18.14	18.08	17.93	18.11	18.01				
5	QPSK	12	7	18.10	18.08	17.90	17.96	17.94	18.5	0		
5	QPSK	12	13	18.15	18.05	17.81	17.96	17.96				
5	QPSK	25	0	18.06	17.99	17.98	18.02	17.97				
5	16QAM	1	0	18.13	18.00	17.79	17.85	18.00				
5	16QAM	1	12	18.04	18.15	17.84	17.91	17.88	18.5	0		
5	16QAM	1	24	18.13	18.22	18.03	18.03	17.87				
5	16QAM	12	0	18.07	18.13	17.95	17.95	18.03	18.5	0		
5	16QAM	12	7	18.11	18.03	17.93	17.93	17.96				
5	16QAM	12	13	18.15	18.08	18.04	17.96	17.93	18.5	0		
5	16QAM	25	0	18.00	18.05	17.97	17.97	18.01				
5	64QAM	1	12	18.08	18.03	17.86	18.07	17.94	18.5	0		
5	64QAM	1	24	18.18	17.97	17.87	17.95	17.99				
5	64QAM	1	24	18.05	18.05	17.80	17.97	18.01				
5	64QAM	12	0	18.15	17.96	17.88	17.95	18.09				
5	64QAM	12	7	18.18	18.18	17.94	17.94	18.01	18.5	0		
5	64QAM	12	13	18.09	18.02	17.97	18.04	18.03				
5	64QAM	25	0	18.07	18.05	17.88	17.89	17.83				

Band 48_Ant 3													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				55340	55830	56150	56640						
Frequency (MHz)				3560	3609	3641	3690						
20	QPSK	1	0	17.03	17.22	17.15	17.20	17.5	0				
20	QPSK	1	49	16.88	17.04	17.11	17.19						
20	QPSK	1	99	16.84	17.17	17.06	17.04						
20	QPSK	50	0	16.98	17.19	17.13	17.15						
20	QPSK	50	24	16.95	17.16	17.05	17.11	17.5	0				
20	QPSK	50	50	16.86	17.16	17.11	16.98						
20	QPSK	100	0	16.88	17.17	17.09	16.96						
20	16QAM	1	0	16.91	17.16	17.04	16.97						
20	16QAM	1	49	16.85	17.15	17.13	16.98	17.5	0				
20	16QAM	1	99	16.95	17.04	16.98	17.04						
20	16QAM	50	0	16.79	17.09	17.02	17.08						
20	16QAM	50	24	16.94	17.17	17.10	17.11						
20	16QAM	50	50	16.96	17.09	16.94	17.07	17.5	0				
20	16QAM	100	0	16.90	16.98	16.94	16.97						
20	64QAM	1	0	16.96	17.06	17.02	17.02						
20	64QAM	1	49	16.86	17.14	16.99	17.08						
20	64QAM	1	99	16.81	17.12	17.12	17.13	17.5	0				
20	64QAM	50	0	16.83	17.12	17.10	17.11						
20	64QAM	50	24	16.80	17.12	17.04	16.97						
20	64QAM	50	50	16.87	17.15	17.03	17.08						
20	64QAM	100	0	16.88	17.14	17.02	17.08	17.5	0				
Channel				55315	55820	56160	56665				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3557.5	3608	3642	3692.5						
15	QPSK	1	0	17.00	17.09	17.06	17.19				17.5	0	
15	QPSK	1	37	16.84	16.91	17.01	17.09						
15	QPSK	1	74	16.71	17.13	16.95	16.89						
15	QPSK	36	0	16.88	17.16	17.08	17.07						
15	QPSK	36	20	16.91	17.10	17.04	17.09	17.5	0				
15	QPSK	36	39	16.72	17.14	17.04	16.97						
15	QPSK	75	0	16.81	17.02	17.02	16.94						
15	16QAM	1	0	16.88	17.05	16.91	16.95						
15	16QAM	1	37	16.75	17.07	16.98	16.92	17.5	0				
15	16QAM	1	74	16.82	16.97	16.97	17.02						
15	16QAM	36	0	16.71	17.05	17.01	17.06						
15	16QAM	36	20	16.79	17.06	17.05	17.05						
15	16QAM	36	39	16.88	17.06	16.84	16.95	17.5	0				
15	16QAM	75	0	16.76	16.94	16.93	16.85						
15	64QAM	1	0	16.89	16.96	16.96	16.96						
15	64QAM	1	37	16.79	17.13	16.86	17.06						
15	64QAM	1	74	16.69	17.10	17.11	17.00	17.5	0				
15	64QAM	36	0	16.99	17.07	17.04	17.09						
15	64QAM	36	20	16.75	17.05	16.92	16.86						
15	64QAM	36	39	16.85	17.08	17.01	16.99						
15	64QAM	75	0	16.75	16.99	16.98	17.04	17.5	0				
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				3555	3607.5	3642.5	3695						
10	QPSK	1	0	16.96	17.08	17.04	17.12	17.5	0				
10	QPSK	1	25	16.74	16.89	16.99	17.18						
10	QPSK	1	49	16.78	17.05	17.02	16.96						
10	QPSK	25	0	16.90	17.16	17.11	17.12						
10	QPSK	25	12	16.83	17.13	16.91	17.08	17.5	0				
10	QPSK	25	25	16.82	17.06	17.10	16.95						
10	QPSK	50	0	16.79	17.12	16.95	16.93						
10	16QAM	1	0	16.82	17.09	16.91	16.83						
10	16QAM	1	25	16.72	17.08	16.99	16.87	17.5	0				
10	16QAM	1	49	16.85	17.00	16.86	16.94						
10	16QAM	25	0	16.67	16.97	16.96	17.06						
10	16QAM	25	12	16.89	17.12	17.09	17.04						
10	16QAM	25	25	16.94	17.03	16.90	17.05	17.5	0				
10	16QAM	50	0	16.83	16.88	16.88	16.84						
10	64QAM	1	0	16.88	17.01	16.95	16.88						
10	64QAM	1	25	16.72	17.13	16.88	16.99						
10	64QAM	1	49	16.67	17.09	17.02	16.99	17.5	0				
10	64QAM	25	0	16.73	17.02	16.95	16.98						
10	64QAM	25	12	16.84	17.03	16.95	16.87						
10	64QAM	25	25	16.82	17.02	16.95	16.93						
10	64QAM	50	0	16.86	16.98	16.92	16.94	17.5	0				
Channel				55285	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				3552.5	3607	3643	3697.5						
5	QPSK	1	0	16.98	17.13	17.14	17.12	17.5	0				
5	QPSK	1	12	16.77	16.89	16.97	17.04						
5	QPSK	1	24	16.78	17.16	16.97	16.89						
5	QPSK	12	0	16.93	17.16	17.03	17.08						
5	QPSK	12	7	16.80	17.08	16.95	16.97	17.5	0				
5	QPSK	12	13	16.84	17.12	16.99	16.85						
5	QPSK	25	0	16.80	17.15	17.00	16.99						
5	16QAM	1	0	16.89	17.02	17.02	16.84						
5	16QAM	1	12	16.70	17.11	17.03	16.87	17.5	0				
5	16QAM	1	24	16.92	17.00	16.93	16.94						
5	16QAM	12	0	16.70	17.05	16.91	17.01						
5	16QAM	12	7	16.88	17.13	17.01	17.03						
5	16QAM	12	13	16.88	16.99	16.93	17.03	17.5	0				
5	16QAM	25	0	16.88	16.86	16.81	16.84						
5	64QAM	1	0	16.89	16.98	17.01	16.93						
5	64QAM	1	12	16.82	16.99	16.89	16.95						
5	64QAM	1	24	16.72	17.03	16.99	17.07	17.5	0				
5	64QAM	12	0	16.82	16.97	16.97	17.06						
5	64QAM	12	7	16.79	17.11	16.98	16.86						
5	64QAM	12	13	16.73	17.06	17.01	16.99						
5	64QAM	25	0	16.73	17.09	16.96	16.93						

Band 48_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. Ch. / Freq.	Power Low Middle Ch. / Freq. Ch. / Freq.	Power High Middle Ch. / Freq. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				55340	55830	56150	56640			
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	16.05	16.19	16.09	16.15	18.5	0	
20	QPSK	1	49	17.97	17.99	17.86	16.06			
20	QPSK	1	99	17.90	16.06	17.94	16.03			
20	QPSK	50	0	16.01	16.16	16.06	16.11			
20	QPSK	50	24	17.86	16.09	17.93	16.05	18.5	0	
20	QPSK	50	50	17.93	16.07	17.96	16.04			
20	QPSK	100	0	16.00	16.09	17.88	16.06			
20	16QAM	1	0	16.07	16.06	17.87	16.04	18.5		
20	16QAM	1	49	16.03	16.00	17.97	16.07			
20	16QAM	1	99	17.97	16.06	17.97	16.02			
20	16QAM	50	0	17.82	16.06	17.94	17.93			
20	16QAM	50	24	16.01	16.04	17.94	17.99	18.5	0	
20	16QAM	50	50	17.95	16.18	16.04	17.98			
20	16QAM	100	0	17.90	16.08	17.93	16.06			
20	64QAM	1	0	17.86	17.98	17.91	17.98	18.5		
20	64QAM	1	49	17.95	17.99	17.87	17.89			
20	64QAM	1	99	17.88	16.10	17.98	16.04			
20	64QAM	50	0	17.90	16.07	17.91	17.94			
20	64QAM	50	24	16.03	16.00	17.97	16.05	18.5	0	
20	64QAM	50	50	17.93	16.05	17.91	17.95			
20	64QAM	100	0	17.83	16.04	17.86	16.05			
Channel				55315	55820	56160	56655	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5			
15	QPSK	1	0	17.86	16.16	17.96	16.06	18.5		
15	QPSK	1	37	17.88	17.88	17.88	16.03			
15	QPSK	1	74	17.76	16.03	17.82	17.96			
15	QPSK	36	0	17.87	16.09	16.02	16.09			
15	QPSK	36	20	17.81	17.97	17.92	17.99	18.5	0	
15	QPSK	36	39	17.89	17.95	17.83	16.00			
15	QPSK	75	0	17.87	16.05	17.75	16.04			
15	16QAM	1	0	17.99	17.91	17.81	16.00	18.5		
15	16QAM	1	37	17.91	17.90	17.87	17.97			
15	16QAM	1	74	17.82	17.92	17.88	17.94			
15	16QAM	36	0	17.78	17.94	17.82	17.90			
15	16QAM	36	20	17.95	17.97	17.80	17.91	18.5	0	
15	16QAM	36	39	17.89	16.05	17.80	16.01			
15	16QAM	75	0	17.85	16.02	17.83	16.00			
15	64QAM	1	0	17.84	17.94	17.77	17.87	18.5		
15	64QAM	1	37	17.86	17.91	17.79	17.60			
15	64QAM	1	74	17.82	17.84	17.82	17.89			
15	64QAM	36	0	17.88	17.99	17.87	17.83			
15	64QAM	36	20	18.00	17.86	17.82	17.98	18.5	0	
15	64QAM	36	39	17.86	17.99	17.77	17.81			
15	64QAM	75	0	17.74	17.99	17.79	17.95			
Channel				55290	55815	56165	56690	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695			
10	QPSK	1	0	17.83	16.08	17.99	16.08	18.5		
10	QPSK	1	25	17.83	17.83	17.86	16.06			
10	QPSK	1	49	17.87	17.94	17.83	17.89			
10	QPSK	25	0	17.92	16.12	16.05	16.06			
10	QPSK	25	12	17.82	17.96	17.78	16.00	18.5	0	
10	QPSK	25	25	17.83	17.99	17.86	16.01			
10	QPSK	50	0	17.87	16.04	17.82	17.93			
10	16QAM	1	0	17.98	17.94	17.78	17.91	18.5	0	
10	16QAM	1	25	16.00	17.96	17.96	17.97			
10	16QAM	1	49	17.92	16.04	17.91	17.87			
10	16QAM	25	0	17.76	16.00	17.91	17.92	18.5		
10	16QAM	25	12	17.97	17.97	17.93	17.97			
10	16QAM	25	25	17.91	16.12	17.96	17.83			
10	16QAM	50	0	17.76	17.99	17.91	17.93			
10	64QAM	1	0	17.71	17.74	17.86	17.91	18.5	0	
10	64QAM	1	25	17.87	17.84	17.73	17.82			
10	64QAM	1	49	17.73	16.04	17.83	17.95			
10	64QAM	25	0	17.87	16.04	17.85	17.91	18.5		
10	64QAM	25	12	17.88	17.93	17.95	17.98			
10	64QAM	25	25	17.86	17.98	17.87	17.80			
10	64QAM	50	0	17.75	17.63	17.85	17.93			
Channel				55825	56075	56165	56705	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3603.5	3607	3642.5	3672.5			
5	QPSK	1	0	17.93	16.10	16.00	16.10	18.5		
5	QPSK	1	12	17.85	17.88	17.90	16.07			
5	QPSK	1	24	17.76	16.01	17.86	17.95			
5	QPSK	12	0	17.92	16.04	16.02	16.00			
5	QPSK	12	7	17.80	16.05	17.81	16.03	18.5	0	
5	QPSK	12	13	17.89	16.02	17.95	17.93			
5	QPSK	36	26	17.97	17.97	17.73	17.94			
5	16QAM	1	0	16.03	16.04	17.73	16.03	18.5		
5	16QAM	1	12	16.06	17.86	17.96	17.99			
5	16QAM	1	24	17.84	17.92	17.82	17.99			
5	16QAM	12	0	17.79	17.91	17.80	17.89			
5	16QAM	12	7	17.94	16.03	17.91	17.90	18.5	0	
5	16QAM	12	13	17.90	16.04	17.96	17.91			
5	16QAM	25	0	17.81	16.06	17.92	16.05			
5	64QAM	1	0	17.72	17.89	17.81	17.85	18.5		
5	64QAM	1	12	17.91	17.92	17.83	17.82			
5	64QAM	1	24	17.84	17.86	17.86	17.97			
5	64QAM	12	0	17.86	16.04	17.89	17.87			
5	64QAM	12	7	17.90	17.89	17.91	16.03	18.5	0	
5	64QAM	12	13	17.83	17.94	17.79	17.94			
5	64QAM	25	0	17.25	16.03	17.79	17.98			

Band 48_Ant 5										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				55340	55830	56150	56640			
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	17.15	17.20	17.16	17.28	18.5	0	
20	QPSK	1	49	16.92	17.02	17.10	16.92			
20	QPSK	1	99	16.98	17.08	17.10	17.02			
20	QPSK	50	0	17.10	17.18	17.17	17.11			
20	QPSK	50	24	16.98	17.11	17.14	16.99	18.5	0	
20	QPSK	50	50	17.02	17.12	17.04	16.98			
20	QPSK	100	0	17.08	17.13	17.00	16.90			
20	16QAM	1	0	17.04	16.98	17.03	17.06			
20	16QAM	1	49	16.89	17.12	16.93	17.00	18.5	0	
20	16QAM	1	99	16.98	17.06	16.96	16.94			
20	16QAM	50	0	16.98	17.12	17.00	16.98			
20	16QAM	50	24	16.91	17.08	17.01	16.95			
20	16QAM	50	50	17.02	17.04	17.10	16.92	18.5	0	
20	16QAM	100	0	16.96	17.04	17.06	16.86			
20	64QAM	1	0	17.08	16.96	17.01	16.90			
20	64QAM	1	49	17.06	17.16	16.95	17.03			
20	64QAM	1	99	17.02	17.01	17.05	17.07	18.5	0	
20	64QAM	50	0	17.02	17.02	17.10	17.07			
20	64QAM	50	24	17.09	17.09	17.05	16.94			
20	64QAM	50	50	16.95	17.12	17.09	16.94			
20	64QAM	100	0	16.96	17.12	17.11	17.06	18.5	0	
Channel				55315	55820	56160	56665			
Frequency (MHz)				3557.5	3608	3642	3692.5			
15	QPSK	1	0	17.00	17.14	17.09	17.05	18.5	0	
15	QPSK	1	37	16.83	16.89	16.96	16.89			
15	QPSK	1	74	16.97	17.07	16.97	16.98			
15	QPSK	36	0	17.03	17.15	17.02	16.98			
15	QPSK	36	20	16.83	17.00	17.05	16.91	18.5	0	
15	QPSK	36	39	16.90	17.00	16.91	16.99			
15	QPSK	75	0	17.06	17.08	16.87	16.82			
15	16QAM	1	0	16.96	16.83	16.97	16.91			
15	16QAM	1	37	16.86	17.07	16.86	16.99	18.5	0	
15	16QAM	1	74	16.88	16.94	16.93	16.85			
15	16QAM	36	0	16.94	17.00	16.98	16.87			
15	16QAM	36	20	16.90	17.00	16.91	16.84			
15	16QAM	36	39	16.92	16.97	16.91	16.87	18.5	0	
15	16QAM	75	0	16.92	16.92	17.01	16.77			
15	64QAM	1	0	17.07	16.81	16.97	16.89			
15	64QAM	1	37	17.03	17.02	16.89	17.01			
15	64QAM	1	74	16.99	17.00	17.02	16.97	18.5	0	
15	64QAM	36	0	16.99	16.96	16.95	17.00			
15	64QAM	36	20	16.99	16.97	17.02	16.90			
15	64QAM	36	39	16.85	17.10	17.04	16.88			
15	64QAM	75	0	16.90	17.06	17.06	16.92	18.5	0	
Channel				55290	55815	56165	56690			
Frequency (MHz)				3555	3607.5	3642.5	3695			
10	QPSK	1	0	17.08	17.11	17.03	17.02	18.5	0	
10	QPSK	1	25	16.84	17.01	17.06	16.81			
10	QPSK	1	49	16.85	16.97	16.96	16.92			
10	QPSK	25	0	17.02	17.07	17.16	17.08			
10	QPSK	25	12	16.89	16.97	17.09	16.93	18.5	0	
10	QPSK	25	25	16.87	17.00	16.96	16.93			
10	QPSK	50	0	16.94	17.11	16.94	16.83			
10	16QAM	1	0	17.01	16.95	16.92	17.00			
10	16QAM	1	25	16.81	17.04	16.84	16.87	18.5	0	
10	16QAM	1	49	16.96	17.03	16.86	16.89			
10	16QAM	25	0	16.82	16.99	16.89	16.93			
10	16QAM	25	12	16.78	16.94	16.98	16.82			
10	16QAM	25	25	16.96	16.96	16.96	16.91	18.5	0	
10	16QAM	50	0	16.87	16.95	17.02	16.77			
10	64QAM	1	0	17.01	16.88	17.01	16.97			
10	64QAM	1	25	17.03	17.11	16.81	16.90			
10	64QAM	1	49	16.89	16.86	16.92	17.01	18.5	0	
10	64QAM	25	0	16.98	16.90	17.06	17.01			
10	64QAM	25	12	16.99	17.02	16.90	16.79			
10	64QAM	25	25	16.90	17.08	17.03	16.83			
10	64QAM	50	0	16.81	17.07	17.04	17.00	18.5	0	
Channel				55285	55810	56170	56715			
Frequency (MHz)				3552.5	3607	3643	3697.5			
5	QPSK	1	0	17.00	17.11	17.07	16.93	18.5	0	
5	QPSK	1	12	16.87	16.98	17.06	16.77			
5	QPSK	1	24	16.89	16.95	17.04	16.90			
5	QPSK	12	0	17.04	17.05	17.16	17.02			
5	QPSK	12	7	16.91	17.08	17.05	16.86	18.5	0	
5	QPSK	12	13	17.01	16.99	16.99	16.92			
5	QPSK	25	0	16.93	17.11	16.91	16.94			
5	16QAM	1	0	17.01	16.88	17.01	16.97			
5	16QAM	1	12	16.83	16.99	16.82	16.98	18.5	0	
5	16QAM	1	24	16.84	17.04	16.84	16.80			
5	16QAM	12	0	16.92	17.01	16.88	16.92			
5	16QAM	12	7	16.80	16.98	16.99	16.86			
5	16QAM	12	13	17.01	16.98	17.05	16.90	18.5	0	
5	16QAM	25	0	16.86	16.98	17.00	16.71			
5	64QAM	1	0	17.04	16.85	16.86	16.89			
5	64QAM	1	12	16.93	17.07	16.85	17.01			
5	64QAM	1	24	16.89	16.93	17.01	17.02	18.5	0	
5	64QAM	12	0	17.01	16.97	17.01	17.00			
5	64QAM	12	7	17.03	16.94	17.03	16.87			
5	64QAM	12	13	16.89	16.96	16.99	16.82			
5	64QAM	25	0	16.82	17.07	16.98	16.94	18.5	0	

Band 48_Ant 6													
BW [MHz]	Modulation	RB Size	RB Offset	Power/Low Ch./ Freq.	Power/Low Middle Ch./ Freq.	Power/High Middle Ch./ Freq.	Power/High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				55340	55830	56150	56640						
Frequency (MHz)				35530	3609	3641	3690						
20	QPSK	1	0	19.03	19.08	19.50	19.95	20	0				
20	QPSK	1	49	18.84	18.94	18.79	18.92						
20	QPSK	1	99	19.00	19.04	18.83	18.75						
20	QPSK	50	0	19.01	19.05	18.88	18.92						
20	QPSK	50	24	18.94	19.00	18.85	18.90	20	0				
20	QPSK	50	50	18.77	18.93	18.81	18.86						
20	QPSK	100	0	18.83	19.02	18.85	18.84						
20	16QAM	1	0	18.90	19.03	18.83	18.81						
20	16QAM	1	49	18.88	18.93	18.75	18.84	20	0				
20	16QAM	1	99	18.91	19.00	18.78	18.77						
20	16QAM	50	0	18.93	19.07	18.89	18.93						
20	16QAM	50	24	18.78	18.93	18.76	18.78						
20	16QAM	50	50	18.97	18.90	18.70	18.70	20	0				
20	16QAM	100	0	18.97	18.96	18.84	18.88						
20	64QAM	1	0	18.73	18.89	18.76	18.79						
20	64QAM	1	49	18.87	18.93	18.76	18.67						
20	64QAM	1	99	18.92	18.93	18.82	18.81	20	0				
20	64QAM	50	0	18.77	18.93	18.67	18.78						
20	64QAM	50	24	18.78	19.05	19.02	19.98						
20	64QAM	50	50	18.77	19.07	18.99	19.00						
20	64QAM	100	0	18.81	19.08	18.98	19.03	19.5	0.5				
Channel				55315	55820	56160	56655				Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5						
15	QPSK	1	0	18.88	18.98	18.77	18.82				20	0	
15	QPSK	1	37	18.81	18.90	18.76	18.83						
15	QPSK	1	74	18.97	18.95	18.68	18.62						
15	QPSK	36	0	18.98	18.98	18.87	18.71						
15	QPSK	36	20	18.79	18.87	18.76	18.86	20	0				
15	QPSK	36	39	18.74	18.81	18.67	18.75						
15	QPSK	75	0	18.73	18.92	18.70	18.82						
15	16QAM	1	0	18.84	18.88	18.73	18.67						
15	16QAM	1	37	18.80	18.85	18.63	18.62	19.5	0.5				
15	16QAM	1	74	18.96	18.96	18.63	18.63						
15	16QAM	36	0	18.84	18.97	18.79	18.70						
15	16QAM	36	20	18.76	18.81	18.62	18.75						
15	16QAM	36	39	18.95	18.79	18.63	18.59	20	0				
15	16QAM	75	0	18.94	18.88	18.80	18.77						
15	64QAM	1	0	18.71	18.85	18.73	18.71						
15	64QAM	1	37	18.82	18.87	18.67	18.65						
15	64QAM	1	74	18.95	18.95	18.67	18.65	19.5	0.5				
15	64QAM	36	0	18.70	18.93	18.96	18.81						
15	64QAM	36	20	18.65	19.02	18.94	18.92						
15	64QAM	36	39	18.66	18.99	18.98	18.86						
15	64QAM	75	0	18.72	18.98	18.94	18.93	20	0				
Channel				55720	55815	56165	56690				Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695						
10	QPSK	1	0	18.99	19.04	18.86	18.93				20	0	
10	QPSK	1	25	18.71	18.92	18.75	18.85						
10	QPSK	1	49	18.92	18.94	18.68	18.69						
10	QPSK	25	0	18.86	19.00	18.76	18.78						
10	QPSK	25	12	18.87	18.86	18.80	18.89	20	0				
10	QPSK	25	25	18.73	18.81	18.73	18.84						
10	QPSK	50	0	18.89	18.90	18.71	18.83						
10	QPSK	50	12	18.81	18.95	18.72	18.78						
10	16QAM	1	0	18.92	19.00	18.65	18.75	20	0				
10	16QAM	1	25	18.82	18.78	18.65	18.80						
10	16QAM	1	49	18.86	18.89	18.71	18.62						
10	16QAM	25	0	18.82	19.02	18.84	18.80						
10	16QAM	25	12	18.70	18.81	18.55	18.73	20	0				
10	16QAM	25	25	18.94	18.76	18.69	18.61						
10	16QAM	50	0	18.92	18.95	18.75	18.84						
10	16QAM	50	12	18.70	18.78	18.72	18.80						
10	64QAM	1	0	18.76	18.92	18.67	18.76	19.5	0.5				
10	64QAM	1	25	18.82	18.91	18.67	18.58						
10	64QAM	1	49	18.84	18.84	18.72	18.76						
10	64QAM	25	0	18.65	18.97	18.92	18.87						
10	64QAM	25	12	18.70	18.95	18.94	18.90	19.5	0.5				
10	64QAM	25	25	18.74	18.95	18.90	18.90						
10	64QAM	50	0	18.78	19.03	18.92	18.90						
Channel				3552.5	35310	36170	36715				Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5						
5	QPSK	1	0	19.92	19.04	18.82	19.00	20	0				
5	QPSK	1	12	18.71	18.85	18.65	18.79						
5	QPSK	1	24	18.89	19.01	18.77	18.74						
5	QPSK	12	0	19.91	18.98	18.74	18.68						
5	QPSK	12	7	18.93	18.90	18.79	18.89	20	0				
5	QPSK	12	13	18.63	18.63	18.75	18.83						
5	QPSK	25	0	18.74	18.91	18.74	18.80						
5	16QAM	1	0	18.78	18.91	18.72	18.72						
5	16QAM	1	12	18.79	18.78	18.66	18.80	20	0				
5	16QAM	1	24	18.84	18.90	18.72	18.67						
5	16QAM	12	0	18.88	18.92	18.78	18.72						
5	16QAM	12	7	18.75	18.82	18.61	18.66						
5	16QAM	12	13	18.86	19.01	18.96	18.99	20	0				
5	16QAM	25	0	18.82	18.82	18.75	18.76						
5	64QAM	1	0	18.68	18.76	18.74	18.69						
5	64QAM	1	12	18.73	18.87	18.63	18.52						
5	64QAM	1	24	18.89	18.80	18.79	18.67	20	0				
5	64QAM	12	0	18.62	19.01	18.92	18.85						
5	64QAM	12	7	18.73	18.91	18.91	18.90						
5	64QAM	12	13	18.76	18.96	18.83	18.87						
5	64QAM	25	0	18.70	18.81	18.99	18.93	19.5	0.5				

Reduced Power Mode for DSI 7

GSM850_Ant 0				Burst Average Power (dBm)				Frame-Average Power (dBm)				Tune-up			
TX Channel				Limit				Limit				Limit			
Frequency (MHz)				824.2				836.4				848.8			
GSM 1 Tx slot	32.47	32.15	32.44	33.50	23.47	23.15	23.44	24.50							
GPRS 1 Tx slot	32.45	32.12	32.47	33.50	23.45	23.12	23.47	24.50							
GPRS 2 Tx slot	29.20	29.26	29.33	30.50	23.20	23.26	23.33	24.44							
GPRS 3 Tx slot	27.52	27.46	27.45	28.70	23.26	23.20	23.19	24.44							
GPRS 4 Tx slot	25.86	25.68	25.87	27.50	22.86	22.68	22.87	24.50							
EDGE 1 Tx slot	26.14	26.27	26.10	28.00	17.14	17.27	17.10	19.00							
EDGE 2 Tx slot	23.54	23.68	23.60	25.00	17.54	17.68	17.60	19.00							
EDGE 3 Tx slot	21.85	21.91	21.84	23.20	17.59	17.65	17.58	18.94							
EDGE 4 Tx slot	21.51	21.67	21.54	22.00	16.51	16.67	16.54	18.00							

GSM1800_Ant 2				Burst Average Power (dBm)				Frame-Average Power (dBm)				Tune-up			
TX Channel				Limit				Limit				Limit			
Frequency (MHz)				1850.2				1860				1869.8			
GSM 1 Tx slot	29.02	29.06	29.15	30.50	20.02	20.06	20.15	21.50							
GPRS 1 Tx slot	29.21	29.01	29.15	30.50	20.21	20.01	20.15	21.50							
GPRS 2 Tx slot	25.79	26.17	26.09	27.50	19.79	20.17	20.09	21.50							
GPRS 3 Tx slot	24.42	24.30	24.51	25.70	20.16	20.04	20.25	21.44							
GPRS 4 Tx slot	22.96	23.11	23.32	24.50	19.96	20.11	20.32	21.50							
EDGE 1 Tx slot	25.36	25.17	25.45	27.50	16.36	16.17	16.45	18.00							
EDGE 2 Tx slot	22.91	22.63	22.87	24.00	16.91	16.63	16.87	18.00							
EDGE 3 Tx slot	21.28	20.97	21.18	22.20	17.02	16.71	16.92	17.94							
EDGE 4 Tx slot	20.67	20.58	20.73	21.00	17.67	17.58	17.73	18.00							

GSM1800_Ant 4				Burst Average Power (dBm)				Frame-Average Power (dBm)				Tune-up			
TX Channel				Limit				Limit				Limit			
Frequency (MHz)				1850.2				1860				1869.8			
GSM 1 Tx slot	28.86	28.81	28.91	30.50	19.86	19.81	19.91	21.50							
GPRS 1 Tx slot	28.84	28.78	28.76	30.50	19.84	19.78	19.76	21.50							
GPRS 2 Tx slot	25.82	25.82	25.82	27.50	19.82	19.82	19.82	21.50							
GPRS 3 Tx slot	24.00	24.11	24.10	25.70	19.74	19.85	19.84	21.44							
GPRS 4 Tx slot	22.86	22.71	23.12	24.50	19.86	19.71	20.12	21.50							
EDGE 1 Tx slot	25.25	25.08	25.12	27.00	16.25	16.06	16.12	18.00							
EDGE 2 Tx slot	22.21	22.12	22.15	24.00	16.21	16.12	16.15	18.00							
EDGE 3 Tx slot	20.70	20.23	20.83	22.20	16.44	16.97	16.37	17.94							
EDGE 4 Tx slot	20.25	19.91	20.22	21.00	17.25	16.91	17.22	18.00							

Band				WCDMA II_Ant 2				WCDMA II_Ant 2				Tune-up			
TX Channel				Limit				Limit				Limit			
Rx Channel				9602				9602				9608			
Frequency (MHz)				1850.4				1860				1869.8			
3GPP Rel 99	AMR 12.2Kbps	21.81	21.85	21.77	22.50	22.70	22.75	22.66	23.50						
3GPP Rel 99	RMC 12.2Kbps	21.83	21.88	21.80	22.50	22.82	22.84	22.77	23.50						
3GPP Rel 6	HSDPA Subtest-1	21.07	20.84	20.82	21.50	21.66	21.57	21.49	22.50						
3GPP Rel 6	HSDPA Subtest-2	20.97	20.92	20.72	21.50	21.52	21.66	21.60	22.50						
3GPP Rel 6	HSDPA Subtest-3	20.49	20.33	20.34	21.00	20.99	21.01	21.08	22.00						
3GPP Rel 6	HSDPA Subtest-4	20.44	20.30	20.18	21.00	21.20	20.87	21.11	22.00						
3GPP Rel 6	DC-HSDPA Subtest-1	21.07	20.83	20.69	21.50	21.48	21.58	21.44	22.50						
3GPP Rel 6	DC-HSDPA Subtest-2	20.89	20.83	20.71	21.50	21.39	21.51	21.37	22.50						
3GPP Rel 6	DC-HSDPA Subtest-3	20.65	20.36	20.09	21.00	20.95	20.96	20.94	22.00						
3GPP Rel 6	DC-HSDPA Subtest-4	20.37	20.35	20.17	21.00	21.09	20.59	20.98	22.00						
3GPP Rel 6	HSUPA Subtest-1	20.94	20.85	20.83	21.50	21.58	21.50	21.52	22.50						
3GPP Rel 6	HSUPA Subtest-2	19.14	18.87	18.81	19.50	19.48	19.58	19.45	20.50						
3GPP Rel 6	HSUPA Subtest-3	20.04	19.90	19.87	20.50	20.49	20.46	20.45	21.50						
3GPP Rel 6	HSUPA Subtest-4	19.00	18.95	18.74	19.50	19.64	19.61	19.49	20.50						
3GPP Rel 6	HSUPA Subtest-5	21.05	20.96	20.76	21.50	21.56	21.50	21.66	22.50						
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.85	19.69	19.91	21.50	20.64	20.76	20.73	22.50						

Band				WCDMA IV_Ant 4				WCDMA IV_Ant 4				Tune-up			
TX Channel				Limit				Limit				Limit			
Rx Channel				9602				9602				9608			
Frequency (MHz)				1850.4				1860				1869.8			
3GPP Rel 99	AMR 12.2Kbps	21.32	21.32	21.23	22.50	21.55	21.63	21.52	22.50						
3GPP Rel 99	RMC 12.2Kbps	21.39	21.43	21.35	22.50	21.62	21.69	21.66	22.50						
3GPP Rel 6	HSDPA Subtest-1	20.29	20.39	20.22	21.50	20.63	20.48	20.45	21.50						
3GPP Rel 6	HSDPA Subtest-2	20.39	20.10	20.29	21.50	20.39	20.62	20.38	21.50						
3GPP Rel 6	HSDPA Subtest-3	19.74	19.79	19.73	21.00	19.98	19.95	20.07	21.00						
3GPP Rel 6	HSDPA Subtest-4	19.66	19.71	19.83	21.00	20.08	19.75	19.97	21.00						
3GPP Rel 6	DC-HSDPA Subtest-1	20.33	20.34	20.17	21.50	20.33	20.42	20.25	21.50						
3GPP Rel 6	DC-HSDPA Subtest-2	20.27	20.02	20.16	21.50	20.35	20.42	20.27	21.50						
3GPP Rel 6	DC-HSDPA Subtest-3	19.67	19.63	19.86	21.00	19.84	19.88	19.81	21.00						
3GPP Rel 6	DC-HSDPA Subtest-4	19.83	19.70	19.56	21.00	19.84	19.85	19.86	21.00						
3GPP Rel 6	HSUPA Subtest-1	20.16	20.27	20.37	21.50	20.41	20.52	20.33	21.50						
3GPP Rel 6	HSUPA Subtest-2	18.31	18.33	18.35	19.50	18.49	18.55	18.32	19.50						
3GPP Rel 6	HSUPA Subtest-3	19.31	19.29	19.31	20.50	19.41	19.39	19.37	20.50						
3GPP Rel 6	HSUPA Subtest-4	18.23	18.33	18.35	19.50	18.44	18.50	18.41	19.50						
3GPP Rel 6	HSUPA Subtest-5	20.29	20.36	20.31	21.50	20.52	20.34	20.43	21.50						
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.67	19.67	19.62	21.50	19.71	19.78	19.56	21.50						

Band			WCDMA V_Ant 0			Tune-up		
TX Channel			4192	4192	4233			
Rx Channel			4357	4407	4458			
Frequency (MHz)			1624	1644	1685	dBm		
3GPP Rel 99	AMR 12.2Kbps	23.96	24.00	23.95	25.00			
3GPP Rel 99	RMC 12.2Kbps	24.01	24.05	23.98	25.00			
3GPP Rel 6	HSDPA Subtest-1	23.05	23.03	22.92	24.00			
3GPP Rel 6	HSDPA Subtest-2	23.06	23.05	23.00	24.00			
3GPP Rel 6	HSDPA Subtest-3	22.38	22.49	22.53	23.50			
3GPP Rel 6	HSDPA Subtest-4	22.51	22.28	22.50	23.50			
3GPP Rel 6	DC-HSDPA Subtest-1	22.91	22.97	22.93	24.00			
3GPP Rel 6	DC-HSDPA Subtest-2	22.96	22.93	22.88	24.00			
3GPP Rel 6	DC-HSDPA Subtest-3	22.38	22.38	22.37	23.50			
3GPP Rel 6	DC-HSDPA Subtest-4	22.07	22.05	22.02	24.00			
3GPP Rel 6	HSPA Subtest-1	21.07	21.08	21.00	22.00			
3GPP Rel 6	HSPA Subtest-2	22.02	21.97	21.99	23.00			
3GPP Rel 6	HSPA Subtest-3	21.12	21.01	21.08	22.00			
3GPP Rel 6	HSPA Subtest-4	22.10	22.05	22.95	24.00			
3GPP Rel 7	HSPA-LTE Subtest-1	21.07	21.08	21.00	22.00			
3GPP Rel 7	HSPA-LTE Subtest-2	22.02	21.97	21.99	23.00			
3GPP Rel 7	HSPA-LTE Subtest-3	21.12	21.01	21.08	22.00			
3GPP Rel 7	HSPA-LTE Subtest-4	22.10	22.05	22.95	24.00			

Band 2_Ant 2												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	22.01	22.10	22.04	23	0				
20	QPSK	1	49	21.94	21.97	21.89						
20	QPSK	1	99	21.92	21.99	21.96						
20	QPSK	50	0	21.99	22.06	22.00	23	0				
20	QPSK	50	24	21.97	21.99	21.97						
20	QPSK	50	50	21.93	22.05	21.94						
20	QPSK	100	0	21.98	22.02	21.89	23	0				
20	16QAM	1	0	21.94	22.09	22.03						
20	16QAM	1	49	21.96	22.05	21.98						
20	16QAM	1	99	21.94	21.98	21.90	22.5	0.5				
20	16QAM	50	0	21.65	21.37	21.51						
20	16QAM	50	24	21.53	21.40	21.51						
20	16QAM	50	50	21.49	21.54	21.52	22.5	0.5				
20	16QAM	100	0	21.54	21.53	21.51						
20	64QAM	1	0	21.59	21.03	21.56						
20	64QAM	1	49	21.68	21.37	21.70	22.5	0.5				
20	64QAM	1	99	21.62	21.50	21.55						
20	64QAM	50	0	20.70	20.44	20.52						
20	64QAM	50	24	20.53	20.51	20.44	21.5	1.5				
20	64QAM	50	50	20.48	20.58	20.36						
20	64QAM	100	0	20.61	20.42	20.45						
Channel												
Frequency (MHz)												
15	QPSK	1	0	21.95	22.03	22.00	23	0				
15	QPSK	1	37	21.82	21.90	21.81						
15	QPSK	1	74	21.88	21.93	21.82						
15	QPSK	36	0	21.97	21.91	21.85	23	0				
15	QPSK	36	20	21.91	21.95	21.84						
15	QPSK	36	39	21.80	22.02	21.88						
15	QPSK	75	0	21.83	21.94	21.77	23	0				
15	16QAM	1	0	21.87	21.99	22.02						
15	16QAM	1	37	21.87	21.92	21.95						
15	16QAM	1	74	21.87	21.94	21.81	22.5	0.5				
15	16QAM	36	0	21.59	21.39	21.29						
15	16QAM	36	20	21.45	21.42	21.34						
15	16QAM	36	39	21.34	21.35	21.47	22.5	0.5				
15	16QAM	75	0	21.39	21.40	21.47						
15	64QAM	1	0	21.48	21.41	20.90						
15	64QAM	1	37	21.55	21.61	21.32	22.5	0.5				
15	64QAM	1	74	21.47	21.44	21.39						
15	64QAM	36	0	20.56	20.45	20.35						
15	64QAM	36	20	20.42	20.32	20.39	21.5	1.5				
15	64QAM	36	39	20.35	20.23	20.51						
15	64QAM	75	0	20.56	20.38	20.35						
Channel												
Frequency (MHz)												
10	QPSK	1	0	21.90	21.97	21.94	23	0				
10	QPSK	1	25	21.86	21.96	21.75						
10	QPSK	1	49	21.78	21.97	21.95						
10	QPSK	25	0	21.90	21.95	21.98	23	0				
10	QPSK	25	12	21.84	21.93	21.88						
10	QPSK	25	25	21.89	22.00	21.90						
10	QPSK	50	0	21.88	21.95	21.81	23	0				
10	16QAM	1	0	21.89	22.06	21.90						
10	16QAM	1	25	21.82	22.01	21.94						
10	16QAM	1	49	21.93	21.84	21.81	22.5	0.5				
10	16QAM	25	0	21.59	21.36	21.32						
10	16QAM	25	12	21.42	21.42	21.30						
10	16QAM	25	25	21.38	21.40	21.48	22.5	0.5				
10	16QAM	50	0	21.48	21.47	21.45						
10	64QAM	1	0	21.47	21.47	20.92						
10	64QAM	1	25	21.56	21.65	21.31	22.5	0.5				
10	64QAM	1	49	21.57	21.46	21.35						
10	64QAM	25	0	20.62	20.42	20.32						
10	64QAM	25	12	20.43	20.36	20.36	21.5	1.5				
10	64QAM	25	25	20.33	20.29	20.47						
10	64QAM	50	0	20.51	20.36	20.31						
Channel												
Frequency (MHz)												
5	QPSK	1	0	21.87	22.05	21.89	23	0				
5	QPSK	1	12	21.85	21.95	21.82						
5	QPSK	1	24	21.81	21.92	21.83						
5	QPSK	12	0	21.89	22.01	21.93	23	0				
5	QPSK	12	7	21.96	21.91	21.84						
5	QPSK	12	13	21.85	22.02	21.92						
5	QPSK	25	0	21.87	21.95	21.74	23	0				
5	16QAM	1	0	21.85	22.01	22.01						
5	16QAM	1	12	21.91	21.95	21.86						
5	16QAM	1	24	21.85	21.93	21.81	23	0				
5	16QAM	12	0	21.50	21.41	21.30						
5	16QAM	12	7	21.45	21.43	21.32						
5	16QAM	12	13	21.43	21.41	21.47	22.5	0.5				
5	16QAM	25	0	21.41	21.37	21.46						
5	64QAM	1	0	21.49	21.49	20.96						
5	64QAM	1	12	21.54	21.64	21.24	22.5	0.5				
5	64QAM	1	24	21.57	21.48	21.41						
5	64QAM	12	0	20.60	20.47	20.37						
5	64QAM	12	7	20.44	20.37	20.42	21.5	1.5				
5	64QAM	12	13	20.33	20.24	20.43						
5	64QAM	25	0	20.52	20.32	20.31						
Channel												
Frequency (MHz)												
3	QPSK	1	0	21.95	22.05	21.96	23	0				
3	QPSK	1	8	21.81	21.94	21.85						
3	QPSK	1	14	21.89	21.95	21.86						
3	QPSK	8	0	21.94	21.91	21.94	23	0				
3	QPSK	8	4	21.90	21.87	21.96						
3	QPSK	8	7	21.89	21.85	21.92						
3	QPSK	15	0	21.84	21.90	21.80	23	0				
3	16QAM	1	0	21.90	21.99	21.90						
3	16QAM	1	8	21.81	22.00	21.87						
3	16QAM	1	14	21.83	21.89	21.82	22.5	0.5				
3	16QAM	8	0	21.60	21.41	21.27						
3	16QAM	8	4	21.40	21.44	21.34						
3	16QAM	8	7	21.44	21.36	21.41	22.5	0.5				
3	16QAM	15	0	21.43	21.43	21.41						
3	64QAM	1	0	21.44	21.47	20.96						
3	64QAM	1	8	21.55	21.65	21.25	22.5	0.5				
3	64QAM	1	14	21.55	21.44	21.38						
3	64QAM	8	0	20.57	20.45	20.35						
3	64QAM	8	4	20.40	20.29	20.43	21.5	1.5				
3	64QAM	8	7	20.43	20.26	20.48						
3	64QAM	15	0	20.51	20.31	20.31						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	21.98	22.08	21.91	23	0				
1.4	QPSK	1	3	21.79	21.86	21.87						
1.4	QPSK	1	5	21.88	21.94	21.86						
1.4	QPSK	3	0	21.89	22.04	21.93	23	0				
1.4	QPSK	3	1	21.83	21.82	21.78						
1.4	QPSK	3	3	21.84	21.84	21.87						
1.4	QPSK	6	0	21.94	22.02	21.89	23	0				
1.4	16QAM	1	0	21.83	21.83	21.84						
1.4	16QAM	1	3	21.78	21.94	21.87						
1.4	16QAM	1	5	21.86	22.00	21.87	23	0				
1.4	16QAM	3	0	21.66	22.01	21.96						
1.4	16QAM	3	1	21.90	21.98	21.97						
1.4	16QAM	6	0	21.92	21.84	21.78	22.5	0.5				
1.4	16QAM	6	3	21.41	21.51	21.39						
1.4	64QAM	1	0	21.51	21.51	21.20						
1.4	64QAM	1	3	21.61	21.59	21.30	22.5	0.5				
1.4	64QAM	1	5	21.56	21.40	21.38						
1.4	64QAM	3	0	21.43	21.36	21.07						
1.4	64QAM	3	1	21.53	21.45	21.15	21.5	1.5				
1.4	64QAM	6	0	21.42	21.31	21.27						
1.4	64QAM	6	3	20.55	20.35	20.35						

Band 4_Ant 2														
BW	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)						
Channel							20025	20175	20325					
Frequency (MHz)							1720	1732.5	1745					
20	QPSK	1	0	22.79	22.94	22.88	24	0						
20	QPSK	1	49	22.76	22.90	22.76								
20	QPSK	1	99	22.65	22.85	22.83								
20	QPSK	50	0	22.24	22.35	22.32								
20	QPSK	50	24	22.14	22.18	22.27	23.5	0.5						
20	QPSK	50	50	22.21	22.29	22.20								
20	QPSK	100	0	22.17	22.27	22.22								
20	16QAM	1	0	22.39	22.56	22.63								
20	16QAM	1	49	22.40	22.37	22.32	23.5	0.5						
20	16QAM	1	99	22.42	22.33	22.37								
20	16QAM	50	0	21.14	21.18	21.25								
20	16QAM	50	24	21.15	21.27	21.29								
20	16QAM	50	50	21.14	21.30	21.22	22.5	1.5						
20	16QAM	100	0	21.23	21.32	21.33								
20	64QAM	1	0	20.95	21.00	21.12								
20	64QAM	1	49	21.19	20.96	21.16								
20	64QAM	1	99	21.08	21.16	21.18	22.5	1.5						
20	64QAM	50	0	20.02	20.15	20.30								
20	64QAM	50	24	20.19	20.30	20.32								
20	64QAM	50	50	20.21	20.22	20.32								
20	64QAM	100	0	20.10	20.42	20.28	21.5	2.5						
Channel											20025	20175	20325	
Frequency (MHz)											1717.5	1732.5	1747.5	
15	QPSK	1	0	22.77	22.85	22.77					24	0		
15	QPSK	1	37	22.69	22.79	22.68								
15	QPSK	1	74	22.50	22.71	22.80								
15	QPSK	36	0	22.13	22.30	22.27								
15	QPSK	36	20	22.01	22.08	22.18	23.5	0.5						
15	QPSK	36	39	22.08	22.21	22.05								
15	QPSK	75	0	22.12	22.22	22.11								
15	16QAM	1	0	22.24	22.40	22.35								
15	16QAM	1	37	22.26	22.24	22.19	23.5	0.5						
15	16QAM	1	74	22.32	22.26	22.27								
15	16QAM	36	0	21.01	21.06	21.15								
15	16QAM	36	20	21.10	21.17	21.24								
15	16QAM	36	39	21.08	21.20	21.11	22.5	1.5						
15	16QAM	75	0	21.13	21.22	21.26								
15	64QAM	1	0	20.98	20.92	21.02								
15	64QAM	1	37	21.06	20.89	21.10								
15	64QAM	1	74	20.99	21.07	21.05	22.5	1.5						
15	64QAM	36	0	19.91	20.06	20.25								
15	64QAM	36	20	20.04	20.19	20.18								
15	64QAM	36	39	20.11	20.11	20.16								
15	64QAM	75	0	19.98	20.28	20.18	21.5	2.5						
Channel											20000	20175	20300	
Frequency (MHz)											1715	1732.5	1750	
10	QPSK	1	0	22.64	22.91	22.80					24	0		
10	QPSK	1	25	22.65	22.84	22.65								
10	QPSK	1	49	22.59	22.82	22.78								
10	QPSK	25	0	22.16	22.24	22.19								
10	QPSK	25	12	22.02	22.11	22.12	23.5	0.5						
10	QPSK	25	25	22.11	22.16	22.07								
10	QPSK	50	0	22.08	22.19	22.13								
10	16QAM	1	0	22.28	22.48	22.48								
10	16QAM	1	25	22.29	22.26	22.18	23.5	0.5						
10	16QAM	1	49	22.31	22.20	22.22								
10	16QAM	25	0	21.09	21.05	21.10								
10	16QAM	25	12	21.09	21.17	21.22								
10	16QAM	25	25	21.02	21.20	21.09	22.5	1.5						
10	16QAM	50	0	21.12	21.18	21.22								
10	64QAM	1	0	20.86	20.94	21.06								
10	64QAM	1	25	21.06	20.81	21.10								
10	64QAM	1	49	21.03	21.03	21.10	22.5	1.5						
10	64QAM	25	0	19.96	20.00	20.15								
10	64QAM	25	12	20.08	20.16	20.17								
10	64QAM	25	25	20.11	20.15	20.23								
10	64QAM	50	0	20.05	20.35	20.21	21.5	2.5						
Channel											19975	20175	20375	
Frequency (MHz)											1712.5	1732.5	1752.5	
5	QPSK	1	0	22.64	22.85	22.82					24	0		
5	QPSK	1	12	22.73	22.77	22.72								
5	QPSK	12	24	22.58	22.76	22.61								
5	QPSK	12	6	22.15	22.24	22.22								
5	QPSK	12	7	21.99	22.13	22.12	23.5	0.5						
5	QPSK	12	13	22.16	22.20	22.11								
5	QPSK	25	0	22.05	22.18	22.12								
5	16QAM	1	0	22.25	22.49	22.56								
5	16QAM	1	12	22.26	22.22	22.21	23.5	0.5						
5	16QAM	1	24	22.35	22.23	22.28								
5	16QAM	12	0	21.03	21.11	21.16								
5	16QAM	12	7	21.02	21.14	21.19								
5	16QAM	12	13	21.06	21.20	21.16	22.5	1.5						
5	16QAM	25	0	21.14	21.20	21.18								
5	64QAM	1	0	20.96	20.98	21.02								
5	64QAM	1	12	21.04	20.85	21.09								
5	64QAM	1	24	21.01	21.06	21.03	22.5	1.5						
5	64QAM	12	0	19.93	20.10	20.20								
5	64QAM	12	7	20.14	20.20	20.17								
5	64QAM	12	13	20.16	20.10	20.26								
5	64QAM	25	0	19.97	20.29	20.18	21.5	2.5						
Channel											19950	20175	20385	
Frequency (MHz)											1711.5	1732.5	1753.5	
3	QPSK	1	0	22.73	22.83	22.74					24	0		
3	QPSK	1	8	22.69	22.84	22.68								
3	QPSK	1	14	22.51	22.71	22.81								
3	QPSK	8	0	22.09	22.22	22.18								
3	QPSK	8	4	22.08	22.12	22.13	23.5	0.5						
3	QPSK	8	7	22.09	22.24	22.13								
3	QPSK	15	0	22.04	22.12	22.11								
3	16QAM	1	0	22.25	22.43	22.53								
3	16QAM	1	8	22.27	22.32	22.21	23.5	0.5						
3	16QAM	1	14	22.33	22.19	22.22								
3	16QAM	8	0	21.04	21.03	21.12								
3	16QAM	8	4	21.09	21.22	21.24								
3	16QAM	8	7	21.03	21.20	21.15	22.5	1.5						
3	16QAM	15	0	21.09	21.19	21.23								
3	64QAM	1	0	20.82	20.86	21.04								
3	64QAM	1	8	21.14	20.81	21.08								
3	64QAM	1	14	20.96	21.07	21.11	22.5	1.5						
3	64QAM	8	0	19.97	20.03	20.16								
3	64QAM	8	4	20.13	20.21	20.25								
3	64QAM	8	7	20.08	20.08	20.21								
3	64QAM	15	0	19.95	20.34	20.19	21.5	2.5						
Channel											19957	20175	20393	
Frequency (MHz)											1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.73	22.83	22.74					24	0		
1.4	QPSK	1	8	22.74	22.78	22.61								
1.4	QPSK	1	5	22.56	22.74	22.69								
1.4	QPSK	3	0	22.22	22.88	22.82								
1.4	QPSK	3	1	22.65	22.77	22.73	23.5	0.5						
1.4	QPSK	3	3	22.58	22.82	22.75								
1.4	16QAM	1	0	22.12	22.15	22.14								
1.4	16QAM	1	8	22.34	22.48	22.54								
1.4	16QAM	1	3	22.25	22.24	22.27	23.5	0.5						
1.4	16QAM	1	5	22.37	22.27	22.30								
1.4	16QAM	3	0	22.29	22.39	22.43								
1.4	16QAM	3	1	22.10	22.14	22.18								
1.4	16QAM	3	3	22.23	22.13	22.22	22.5	1.5						
1.4	16QAM	3	5	21.09	21.11	21.22								
1.4	64QAM	1	0	20.80	20.89	20.97								
1.4	64QAM	1	3	21.09	20.83	21.10								
1.4	64QAM	1	5	20.95	21.11	21.09	22.5	1.5						
1.4	64QAM	3	0	20.71	20.81	20.85								
1.4	64QAM	3	1	20.50	20.69	21.03								
1.4	64QAM	3	3	20.36	20.50	20.95								
1.4	64QAM	3	5	19.99	20.36	21.34	21.5	2.5						

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				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	24.17	24.20	24.15	25	0		
10	QPSK	1	25	24.16	24.11	24.08				
10	QPSK	1	49	24.07	23.98	23.93				
10	QPSK	25	0	23.15	23.16	23.12				
10	QPSK	25	12	23.12	23.13	23.10				
10	QPSK	25	25	23.10	23.12	23.07	24	1		
10	QPSK	50	0	23.08	23.10	23.02				
10	16QAM	1	0	23.32	23.11	23.15				
10	16QAM	1	25	23.37	23.14	23.20				
10	16QAM	1	49	23.07	23.02	23.11				
10	16QAM	25	0	22.19	22.12	22.18	23	2		
10	16QAM	25	12	22.24	22.15	22.18				
10	16QAM	25	25	22.12	22.06	22.07				
10	16QAM	50	0	22.14	22.11	22.04				
10	64QAM	1	0	22.49	22.27	22.41				
10	64QAM	1	25	22.38	22.27	22.41	23	2		
10	64QAM	1	49	22.25	22.23	22.24				
10	64QAM	25	0	21.26	21.00	21.04				
10	64QAM	25	12	21.28	21.14	21.15				
10	64QAM	25	25	21.10	20.99	21.05				
10	64QAM	50	0	21.05	21.15	21.10	22	3		
Channel				20425	20525	20625				
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	24.02	24.13	24.05	25	0		
5	QPSK	1	12	24.08	24.02	23.95				
5	QPSK	1	24	23.94	23.86	23.78				
5	QPSK	12	0	23.04	23.02	23.00				
5	QPSK	12	7	23.00	23.01	23.00				
5	QPSK	12	13	23.03	23.07	22.99	24	1		
5	QPSK	25	0	22.97	23.02	22.95				
5	16QAM	1	0	23.24	23.05	23.05				
5	16QAM	1	12	23.25	23.06	23.11				
5	16QAM	1	24	22.99	22.94	23.05				
5	16QAM	12	0	22.07	22.02	21.87	23	2		
5	16QAM	12	7	22.14	22.04	22.06				
5	16QAM	12	13	21.99	22.01	21.97				
5	16QAM	25	0	22.02	21.99	21.91				
5	64QAM	1	0	22.40	22.15	21.96				
5	64QAM	1	12	22.27	22.14	22.31	23	2		
5	64QAM	1	24	22.13	22.13	22.02				
5	64QAM	12	0	21.20	20.89	20.90				
5	64QAM	12	7	21.20	21.07	21.06				
5	64QAM	12	13	21.00	20.87	20.92				
5	64QAM	25	0	20.91	21.00	21.03	22	3		
Channel				20415	20525	20635				
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	24.10	24.07	24.08	25	0		
3	QPSK	1	8	24.09	24.01	23.96				
3	QPSK	1	14	23.95	23.87	23.84				
3	QPSK	8	0	23.08	23.06	23.03				
3	QPSK	8	4	23.07	23.04	23.05				
3	QPSK	8	7	23.02	22.97	23.02	24	1		
3	QPSK	15	0	22.98	23.00	22.96				
3	16QAM	1	0	23.19	23.00	23.03				
3	16QAM	1	8	23.32	23.06	23.05				
3	16QAM	1	14	22.99	22.97	23.00				
3	16QAM	8	0	22.05	21.97	21.87	23	2		
3	16QAM	8	4	22.09	22.01	22.09				
3	16QAM	8	7	22.01	21.95	21.95				
3	16QAM	15	0	21.99	21.97	21.92				
3	64QAM	1	0	22.35	22.17	22.03				
3	64QAM	1	8	22.28	22.22	22.33	23	2		
3	64QAM	1	14	22.17	22.10	21.99				
3	64QAM	8	0	21.21	20.87	20.95				
3	64QAM	8	4	21.13	21.09	21.10				
3	64QAM	8	7	21.01	20.84	20.90				
3	64QAM	15	0	20.92	21.00	21.00	22	3		
Channel				20407	20525	20643				
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	24.08	24.11	24.09	25	0		
1.4	QPSK	1	3	24.06	23.99	23.98				
1.4	QPSK	1	5	23.97	23.90	23.80				
1.4	QPSK	3	0	24.07	24.06	24.09				
1.4	QPSK	3	1	24.06	23.99	24.01				
1.4	QPSK	3	3	23.94	23.93	23.93	24	1		
1.4	QPSK	6	0	22.93	23.04	22.92				
1.4	16QAM	1	0	23.27	22.98	23.05				
1.4	16QAM	1	3	23.23	23.02	23.11				
1.4	16QAM	1	5	22.95	22.90	23.01				
1.4	16QAM	3	0	23.17	22.92	22.99	24	1		
1.4	16QAM	3	1	23.09	22.89	22.97				
1.4	16QAM	3	3	22.81	22.83	22.93				
1.4	16QAM	6	0	22.04	21.98	21.99				
1.4	64QAM	1	0	22.32	22.06	21.90				
1.4	64QAM	1	3	22.17	22.10	22.14	23	2		
1.4	64QAM	1	5	22.09	21.95	21.88				
1.4	64QAM	3	0	22.33	22.06	21.85				
1.4	64QAM	3	1	22.13	22.02	22.24				
1.4	64QAM	3	3	21.99	21.87	21.93				
1.4	64QAM	6	0	20.90	21.02	20.98	22	3		

Band 5_Ant 1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [dBm]	Power Middle Ch. [dBm]	Power High Ch. [dBm]	Tune-up limit (dBm)	MPR (dB)				
Channel				20450	20525	20600						
Frequency (MHz)				829	836.5	844						
10	QPSK	1	0	24.12	24.15	24.11	25	0				
10	QPSK	1	25	24.07	24.10	24.01						
10	QPSK	1	49	23.96	23.99	23.86						
10	QPSK	25	0	23.05	23.08	23.07						
10	QPSK	25	12	23.03	23.04	23.01						
10	QPSK	25	25	23.02	23.07	22.97	24	1				
10	QPSK	50	0	23.15	23.16	23.07						
10	16QAM	1	0	23.18	23.36	23.48						
10	16QAM	1	25	23.32	23.42	23.37			24	1		
10	16QAM	1	49	23.35	23.38	23.38						
10	16QAM	25	0	22.10	22.05	22.11						
10	16QAM	25	12	22.21	21.99	22.11	23	2				
10	16QAM	25	25	22.19	21.97	22.12						
10	16QAM	50	0	22.11	22.04	21.95						
10	64QAM	1	0	22.12	22.30	22.46						
10	64QAM	1	25	22.34	22.25	22.30			23	2		
10	64QAM	1	49	22.35	22.38	22.38						
10	64QAM	25	0	21.14	21.10	21.08						
10	64QAM	25	12	21.14	21.01	20.96	22	3				
10	64QAM	25	25	21.06	21.02	21.01						
10	64QAM	50	0	21.04	21.06	21.05						
Channel				20450	20525	20625						
Frequency (MHz)				826.5	836.5	846.5			Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	24.00	24.02	24.02	25	0				
5	QPSK	1	25	23.99	23.99	23.91						
5	QPSK	1	24	23.90	23.90	23.77						
5	QPSK	12	0	22.90	23.00	22.93						
5	QPSK	12	7	22.88	22.89	22.90			24	1		
5	QPSK	12	13	22.95	22.94	22.86						
5	QPSK	25	0	23.09	23.07	23.02						
5	16QAM	1	0	23.05	23.16	23.29	24	1				
5	16QAM	1	12	23.27	23.34	23.28						
5	16QAM	1	24	23.27	23.25	23.25						
5	16QAM	12	0	21.96	21.99	22.01			23	2		
5	16QAM	12	7	22.14	22.10	22.01						
5	16QAM	12	13	22.25	21.86	22.00						
5	16QAM	25	0	22.04	21.92	21.82						
5	64QAM	1	0	21.97	22.21	22.35						
5	64QAM	1	12	22.25	22.13	22.16	23	2				
5	64QAM	1	24	22.07	22.11	22.18						
5	64QAM	12	0	21.08	21.02	20.97						
5	64QAM	12	7	21.01	20.93	20.91			22	3		
5	64QAM	12	13	21.12	21.01	20.94						
5	64QAM	25	0	20.98	20.92	20.90						
Channel				20415	20525	20635						
Frequency (MHz)				825.5	836.5	847.5	Tune-up limit (dBm)	MPR (dB)				
3	QPSK	1	0	24.04	24.10	24.02	25	0				
3	QPSK	1	8	23.94	24.01	23.87						
3	QPSK	1	14	23.85	23.92	23.79						
3	QPSK	8	0	22.96	23.02	23.02			24	1		
3	QPSK	8	4	22.88	22.90	22.94						
3	QPSK	8	7	22.95	22.95	22.92						
3	QPSK	15	0	23.10	23.01	22.95	24	1				
3	16QAM	1	0	23.09	23.21	23.40						
3	16QAM	1	8	23.21	23.34	23.23			23	2		
3	16QAM	1	14	23.30	23.24	23.25						
3	16QAM	8	0	22.02	22.00	22.01						
3	16QAM	8	4	22.07	21.92	22.01	23	2				
3	16QAM	8	7	22.05	21.89	22.02						
3	16QAM	15	0	21.97	21.96	21.81						
3	64QAM	1	0	22.04	22.17	22.40			23	2		
3	64QAM	1	8	22.23	22.26	22.23						
3	64QAM	1	14	22.09	22.09	22.22						
3	64QAM	8	0	21.09	21.05	20.97	22	3				
3	64QAM	8	4	21.08	20.95	20.88						
3	64QAM	8	7	21.01	21.01	20.95						
3	64QAM	15	0	20.96	20.94	20.90						
Channel				20407	20525	20643			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3						
1.4	QPSK	1	0	23.91	24.00	24.03	25	0				
1.4	QPSK	1	3	23.90	24.03	23.95						
1.4	QPSK	1	5	23.88	23.92	23.87						
1.4	QPSK	3	0	23.90	23.92	23.71			24	1		
1.4	QPSK	3	1	23.84	23.94	23.89						
1.4	QPSK	3	3	23.75	23.86	23.89						
1.4	QPSK	6	0	23.05	23.06	23.07	24	1				
1.4	16QAM	1	0	23.04	23.21	23.42						
1.4	16QAM	1	3	23.25	23.30	23.28						
1.4	16QAM	1	5	23.31	23.29	23.31			24	1		
1.4	16QAM	3	0	22.92	23.06	23.28						
1.4	16QAM	3	1	23.18	23.20	23.18						
1.4	16QAM	3	3	23.24	23.22	23.24	23	2				
1.4	16QAM	6	0	21.96	21.89	21.83						
1.4	64QAM	1	0	22.01	22.17	22.40						
1.4	64QAM	1	3	22.26	22.13	22.25			23	2		
1.4	64QAM	1	5	22.03	22.08	22.22						
1.4	64QAM	3	0	21.89	22.06	22.32						
1.4	64QAM	3	1	22.01	22.15	22.15	24	2				
1.4	64QAM	3	3	21.98	21.94	22.11						
1.4	64QAM	6	0	20.92	20.93	21.00			22	3		

Band 7_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	20.70	20.78	20.72	21.5	0		
20	QPSK	1	49	20.68	20.72	20.59				
20	QPSK	1	99	20.55	20.71	20.60				
20	QPSK	50	0	20.69	20.75	20.70				
20	QPSK	50	24	20.61	20.69	20.61	21.5	0		
20	QPSK	50	50	20.66	20.72	20.64				
20	QPSK	100	0	20.57	20.71	20.67				
20	16QAM	1	0	20.60	20.67	20.70				
20	16QAM	1	49	20.61	20.64	20.70	21.5	0		
20	16QAM	1	99	20.63	20.64	20.66				
20	16QAM	50	0	20.69	20.68	20.65				
20	16QAM	50	24	20.61	20.70	20.70				
20	16QAM	50	50	20.68	20.69	20.62	21.5	0		
20	16QAM	100	0	20.68	20.70	20.66				
20	64QAM	1	0	20.60	20.71	20.68				
20	64QAM	1	49	20.63	20.65	20.68				
20	64QAM	1	99	20.65	20.67	20.67	21.5	0		
20	64QAM	50	0	20.59	20.67	20.59				
20	64QAM	50	24	20.49	20.70	20.61				
20	64QAM	50	50	20.61	20.51	20.53				
20	64QAM	100	0	20.40	20.67	20.57	Tune-up limit (dBm)	MPR (dB)		
Channel				20825	21100	21375				
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	20.65	20.67	20.57		21.5		
15	QPSK	1	37	20.63	20.64	20.57				
15	QPSK	1	74	20.41	20.70	20.56				
15	QPSK	36	0	20.65	20.62	20.60				
15	QPSK	36	20	20.55	20.61	20.60	21.5	0		
15	QPSK	36	39	20.55	20.62	20.56				
15	QPSK	75	0	20.56	20.58	20.65				
15	16QAM	1	0	20.54	20.59	20.57				
15	16QAM	1	37	20.50	20.51	20.63	21.5	0		
15	16QAM	1	74	20.51	20.63	20.55				
15	16QAM	36	0	20.67	20.54	20.55				
15	16QAM	36	20	20.49	20.65	20.63				
15	16QAM	36	39	20.58	20.55	20.49	21.5	0		
15	16QAM	75	0	20.56	20.60	20.54				
15	64QAM	1	0	20.51	20.61	20.65				
15	64QAM	1	37	20.57	20.60	20.56				
15	64QAM	1	74	20.44	20.68	20.61	21.5	0		
15	64QAM	36	0	20.67	20.69	20.60				
15	64QAM	36	20	20.48	20.63	20.55				
15	64QAM	36	39	20.59	20.64	20.67				
15	64QAM	75	0	20.42	20.56	20.47	Tune-up limit (dBm)	MPR (dB)		
Channel				20900	21100	21400				
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	0	20.61	20.73	20.67		21.5		
10	QPSK	1	25	20.64	20.70	20.46				
10	QPSK	1	49	20.40	20.70	20.54				
10	QPSK	25	0	20.68	20.65	20.61				
10	QPSK	25	12	20.58	20.60	20.57	21.5	0		
10	QPSK	25	25	20.53	20.56	20.57				
10	QPSK	50	0	20.51	20.60	20.58				
10	16QAM	1	0	20.52	20.59	20.68				
10	16QAM	1	25	20.49	20.51	20.61	21.5	0		
10	16QAM	1	49	20.54	20.55	20.64				
10	16QAM	25	0	20.57	20.59	20.51				
10	16QAM	25	12	20.45	20.67	20.68				
10	16QAM	25	25	20.58	20.61	20.59	21.5	0		
10	16QAM	50	0	20.66	20.59	20.55				
10	64QAM	1	0	20.56	20.68	20.60				
10	64QAM	1	25	20.59	20.60	20.62				
10	64QAM	1	49	20.53	20.61	20.58	21.5	0		
10	64QAM	25	0	20.55	20.67	20.51				
10	64QAM	25	12	20.45	20.60	20.57				
10	64QAM	25	25	20.49	20.62	20.63				
10	64QAM	50	0	20.49	20.64	20.50	Tune-up limit (dBm)	MPR (dB)		
Channel				20775	21100	21425				
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	20.58	20.63	20.59		21.5		
5	QPSK	1	12	20.61	20.62	20.56				
5	QPSK	1	24	20.45	20.70	20.46				
5	QPSK	12	0	20.64	20.67	20.61				
5	QPSK	12	7	20.48	20.65	20.55	21.5	0		
5	QPSK	12	13	20.57	20.58	20.51				
5	QPSK	25	0	20.43	20.56	20.56				
5	16QAM	1	0	20.57	20.60	20.57				
5	16QAM	1	12	20.48	20.52	20.64	21.5	0		
5	16QAM	1	24	20.51	20.56	20.64				
5	16QAM	12	0	20.60	20.61	20.58				
5	16QAM	12	7	20.50	20.69	20.68				
5	16QAM	12	13	20.64	20.65	20.61	21.5	0		
5	16QAM	25	0	20.63	20.61	20.51				
5	64QAM	1	0	20.48	20.56	20.66				
5	64QAM	1	12	20.62	20.53	20.59				
5	64QAM	1	24	20.49	20.61	20.59	21.5	0		
5	64QAM	12	0	20.57	20.57	20.64				
5	64QAM	12	7	20.51	20.67	20.66				
5	64QAM	12	13	20.59	20.62	20.62				
5	64QAM	25	0	20.44	20.61	20.47	Tune-up limit (dBm)	MPR (dB)		

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	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2510	2535	2560						
20	QPSK	1	0	19.65	19.70	19.62	20	0				
20	QPSK	1	49	19.56	19.63	19.55						
20	QPSK	1	99	19.56	19.66	19.59						
20	QPSK	50	0	19.63	19.65	19.58						
20	QPSK	50	24	19.62	19.63	19.50	20	0				
20	QPSK	50	50	19.53	19.60	19.53						
20	QPSK	100	0	19.53	19.56	19.54						
20	16QAM	1	0	19.63	19.61	19.54						
20	16QAM	1	49	19.61	19.69	19.59	20	0				
20	16QAM	1	99	19.54	19.55	19.52						
20	16QAM	50	0	19.59	19.60	19.58						
20	16QAM	50	24	19.62	19.58	19.56						
20	16QAM	50	50	19.54	19.65	19.51	20	0				
20	16QAM	100	0	19.54	19.65	19.54						
20	64QAM	1	0	19.56	19.61	19.60						
20	64QAM	1	49	19.58	19.67	19.51						
20	64QAM	1	99	19.62	19.63	19.57	20	0				
20	64QAM	50	0	19.63	19.67	19.61						
20	64QAM	50	24	19.53	19.63	19.60						
20	64QAM	50	50	19.56	19.60	19.50						
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2505	2535	2562.5						
15	QPSK	1	0	19.62	19.56	19.56	20	0				
15	QPSK	1	37	19.57	19.57	19.51						
15	QPSK	1	74	19.50	19.64	19.57						
15	QPSK	36	0	19.52	19.58	19.54						
15	QPSK	36	20	19.53	19.56	19.39	20	0				
15	QPSK	36	39	19.52	19.55	19.52						
15	QPSK	75	0	19.46	19.46	19.48						
15	QPSK	75	0	19.62	19.60	19.43						
15	16QAM	1	0	19.52	19.58	19.48	20	0				
15	16QAM	1	37	19.52	19.58	19.48						
15	16QAM	1	74	19.52	19.46	19.48						
15	16QAM	36	0	19.52	19.60	19.44						
15	16QAM	36	20	19.52	19.54	19.52	20	0				
15	16QAM	36	39	19.53	19.60	19.47						
15	16QAM	75	0	19.44	19.50	19.38						
15	16QAM	75	0	19.50	19.59	19.50						
15	64QAM	1	37	19.52	19.62	19.49	20	0				
15	64QAM	1	74	19.50	19.62	19.55						
15	64QAM	36	0	19.49	19.53	19.49						
15	64QAM	36	20	19.46	19.52	19.48						
15	64QAM	36	39	19.55	19.57	19.48	20	0				
15	64QAM	75	0	19.58	19.64	19.45						
Channel				20800	21100	21400				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565						
10	QPSK	1	0	19.52	19.67	19.52	20	0				
10	QPSK	1	25	19.43	19.63	19.43						
10	QPSK	1	49	19.42	19.84	19.44						
10	QPSK	25	0	19.58	19.54	19.48						
10	QPSK	25	12	19.56	19.56	19.37	20	0				
10	QPSK	25	25	19.48	19.52	19.39						
10	QPSK	50	0	19.46	19.50	19.49						
10	16QAM	1	0	19.61	19.60	19.42						
10	16QAM	1	25	19.53	19.57	19.45	20	0				
10	16QAM	1	49	19.43	19.51	19.39						
10	16QAM	25	12	19.60	19.47	19.55						
10	16QAM	25	25	19.53	19.53	19.40						
10	16QAM	50	0	19.49	19.57	19.43	20	0				
10	64QAM	1	0	19.45	19.54	19.46						
10	64QAM	1	25	19.49	19.61	19.39						
10	64QAM	1	49	19.54	19.57	19.46						
10	64QAM	25	0	19.52	19.53	19.47	20	0				
10	64QAM	25	12	19.41	19.55	19.56						
10	64QAM	25	25	19.44	19.45	19.48						
10	64QAM	50	0	19.45	19.61	19.50						
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2505	2535	2567.5						
5	QPSK	1	0	19.59	19.69	19.56	20	0				
5	QPSK	1	12	19.49	19.54	19.43						
5	QPSK	1	24	19.45	19.64	19.47						
5	QPSK	12	0	19.61	19.58	19.48						
5	QPSK	12	7	19.52	19.59	19.51	20	0				
5	QPSK	25	0	19.38	19.47	19.41						
5	16QAM	1	0	19.50	19.51	19.41						
5	16QAM	1	12	19.60	19.59	19.58						
5	16QAM	1	24	19.36	19.42	19.51	20	0				
5	16QAM	12	0	19.46	19.63	19.43						
5	16QAM	12	7	19.49	19.53	19.55						
5	16QAM	12	13	19.52	19.54	19.37						
5	16QAM	25	0	19.49	19.62	19.50	20	0				
5	64QAM	1	0	19.41	19.46	19.53						
5	64QAM	1	12	19.45	19.66	19.46						
5	64QAM	1	24	19.61	19.59	19.51						
5	64QAM	12	0	19.53	19.61	19.46	20	0				
5	64QAM	12	7	19.46	19.46	19.55						
5	64QAM	12	13	19.53	19.45	19.35						
5	64QAM	25	0	19.54	19.54	19.47						

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	23065	23150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	24.03	24.15	24.06	25	0		
10	QPSK	1	25	24.07	24.13	24.00				
10	QPSK	1	49	24.02	23.96	23.87	24	1		
10	QPSK	25	0	23.10	23.12	23.06				
10	QPSK	25	12	23.02	23.09	23.02	23	2		
10	QPSK	25	25	23.06	23.06	23.03				
10	QPSK	50	0	23.09	23.10	23.07	24	1		
10	16QAM	1	0	23.41	23.48	23.17				
10	16QAM	1	25	23.20	23.30	23.10	23	2		
10	16QAM	1	49	23.21	23.35	23.24				
10	16QAM	25	0	22.17	22.03	22.08	22	3		
10	16QAM	25	12	22.19	22.05	22.00				
10	16QAM	25	25	22.10	22.04	22.14	23	2		
10	16QAM	50	0	22.08	22.12	21.98				
10	64QAM	1	0	22.12	22.40	22.37	23	2		
10	64QAM	1	25	22.15	22.30	22.40				
10	64QAM	1	49	22.10	22.41	22.42	22	3		
10	64QAM	25	0	21.14	21.01	20.96				
10	64QAM	25	12	21.20	21.03	21.00	23	2		
10	64QAM	25	25	21.09	21.11	21.08				
10	64QAM	50	0	21.18	21.05	20.93	25	0		
Channel				23035	23095	23155				
Frequency (MHz)				701.5	707.5	713.5	24	1		
5	QPSK	1	0	23.99	24.06	23.94				
5	QPSK	1	12	23.98	24.01	23.91	23	2		
5	QPSK	1	24	23.97	23.88	23.74				
5	QPSK	12	0	23.00	23.04	22.91	24	1		
5	QPSK	12	7	22.94	22.98	22.92				
5	QPSK	12	13	22.95	23.00	22.95	24	1		
5	QPSK	25	0	23.03	23.01	23.02				
5	16QAM	1	0	23.28	23.43	23.94	24	1		
5	16QAM	1	12	23.07	23.18	23.00				
5	16QAM	1	24	23.19	23.22	23.11	23	2		
5	16QAM	12	0	22.08	21.93	22.00				
5	16QAM	12	7	22.12	21.98	21.92	23	2		
5	16QAM	12	13	22.04	21.99	22.01				
5	16QAM	25	0	22.02	21.97	21.85	23	2		
5	64QAM	1	0	21.97	22.30	22.27				
5	64QAM	1	12	22.10	22.22	22.33	22	3		
5	64QAM	1	24	22.04	22.31	22.33				
5	64QAM	12	0	21.03	20.88	20.89	25	0		
5	64QAM	12	7	21.13	20.94	20.93				
5	64QAM	12	13	20.98	21.06	21.03	24	1		
5	64QAM	25	0	21.07	20.93	20.79				
Channel				23025	23095	23165	24	1		
Frequency (MHz)				700.5	707.5	714.5				
3	QPSK	1	0	23.96	24.03	23.98	24	1		
3	QPSK	1	8	23.94	24.01	23.92				
3	QPSK	1	14	23.94	23.85	23.73	23	2		
3	QPSK	8	0	23.05	23.00	22.94				
3	QPSK	8	4	22.93	23.03	22.86	22	3		
3	QPSK	8	7	23.01	22.96	22.93				
3	QPSK	15	0	22.95	23.01	22.97	24	1		
3	16QAM	1	0	23.29	23.34	23.10				
3	16QAM	1	8	23.08	23.24	22.95	23	2		
3	16QAM	1	14	23.16	23.29	23.17				
3	16QAM	8	0	22.04	21.94	21.99	23	2		
3	16QAM	8	4	22.11	21.99	21.93				
3	16QAM	8	7	21.99	21.95	22.06	24	1		
3	16QAM	15	0	22.02	22.05	21.86				
3	64QAM	1	0	21.97	22.35	22.22	23	2		
3	64QAM	1	8	22.10	22.23	22.30				
3	64QAM	1	14	22.03	22.30	22.31	22	3		
3	64QAM	8	0	21.01	20.94	20.83				
3	64QAM	8	4	21.07	20.88	20.93	25	0		
3	64QAM	8	7	20.94	21.05	20.95				
3	64QAM	15	0	21.10	20.97	20.80	24	1		
Channel				23017	23095	23173				
Frequency (MHz)				699.7	707.5	715.3	23	2		
1.4	QPSK	1	0	24.03	24.00	23.96				
1.4	QPSK	1	3	24.00	23.99	23.90	24	1		
1.4	QPSK	1	5	23.99	23.93	23.82				
1.4	QPSK	3	0	23.92	23.86	23.84	23	2		
1.4	QPSK	3	1	23.93	23.90	23.82				
1.4	QPSK	3	3	23.74	23.71	23.67	24	1		
1.4	QPSK	6	0	23.03	23.01	22.96				
1.4	16QAM	1	0	23.34	23.33	23.05	24	1		
1.4	16QAM	1	3	23.05	23.17	23.02				
1.4	16QAM	1	5	23.22	23.21	23.19	23	2		
1.4	16QAM	3	0	23.28	23.18	22.97				
1.4	16QAM	3	1	22.97	23.07	22.89	25	0		
1.4	16QAM	3	3	23.15	23.10	23.04				
1.4	16QAM	6	0	21.99	21.99	21.84	24	1		
1.4	64QAM	1	0	21.87	22.27	22.25				
1.4	64QAM	1	3	21.87	22.11	22.25	23	2		
1.4	64QAM	1	5	21.90	22.30	22.24				
1.4	64QAM	3	0	21.84	22.19	22.25	22	3		
1.4	64QAM	3	1	21.94	22.14	22.27				
1.4	64QAM	3	3	21.97	22.23	22.27	25	0		
1.4	64QAM	6	0	21.06	20.91	20.81				

Band 17_Ant 0										
BW [MHz]	Modulation n	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	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				710	711	711				
10	QPSK	1	0	24.01	24.11	24.03	25	0		
10	QPSK	1	25	23.95	24.10	23.90				
10	QPSK	1	49	23.87	23.98	23.84	24	1		
10	QPSK	25	0	23.05	23.10	23.04				
10	QPSK	25	12	22.95	22.94	23.03	23	2		
10	QPSK	25	25	23.03	22.98	22.99				
10	QPSK	50	0	22.95	23.03	22.93	24	1		
10	16QAM	1	0	23.24	23.01	23.24				
10	16QAM	1	25	23.13	23.05	23.08	23	2		
10	16QAM	1	49	23.25	23.03	23.04				
10	16QAM	25	0	21.99	22.02	21.95	22	3		
10	16QAM	25	12	22.09	21.91	21.84				
10	16QAM	25	25	21.86	22.13	21.97	23	2		
10	16QAM	50	0	22.06	21.86	21.88				
10	16QAM	1	0	22.11	21.90	22.09	23	2		
10	16QAM	1	25	22.04	22.01	22.05				
10	16QAM	1	49	22.26	22.05	22.23	22	3		
10	16QAM	25	0	20.81	20.92	21.03				
10	16QAM	25	12	20.97	20.96	20.92	22	3		
10	16QAM	25	25	21.06	21.06	20.97				
10	16QAM	50	0	20.93	20.92	20.93	Tune-up limit (dBm)	MPR (dB)		
Channel				23785	23790	23825				
Frequency (MHz)				706.5	710	713.5				
5	QPSK	1	0	23.91	23.92	23.96	25	0		
5	QPSK	1	12	23.78	23.89	23.77				
5	QPSK	1	24	23.78	23.89	23.75	24	1		
5	QPSK	12	0	22.91	22.88	22.97				
5	QPSK	12	7	22.95	22.86	22.85	23	2		
5	QPSK	12	13	22.87	22.91	22.88				
5	QPSK	25	0	22.83	22.84	22.82	23	2		
5	16QAM	1	0	23.05	22.87	23.12				
5	16QAM	1	12	23.07	22.90	23.04	24	1		
5	16QAM	1	24	23.16	22.91	23.07				
5	16QAM	12	0	21.95	21.91	21.84	23	2		
5	16QAM	12	7	22.07	21.87	21.99				
5	16QAM	12	13	21.84	21.97	21.93	22	3		
5	16QAM	25	0	21.92	21.76	21.83				
5	16QAM	1	0	21.98	21.81	21.86	23	2		
5	16QAM	1	12	21.97	22.05	22.04				
5	16QAM	1	24	22.11	21.97	22.19	22	3		
5	16QAM	12	0	20.77	20.77	20.54				
5	16QAM	12	7	20.87	20.92	20.78	22	3		
5	16QAM	12	13	21.03	20.90	20.75				
5	16QAM	25	0	20.79	20.79	20.85				

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							821.5	831.5	841.5	
Frequency (MHz)										
15	QPSK	1	0	23.16	23.21	23.18	25	0		
15	QPSK	1	37	23.90	23.89	23.86				
15	QPSK	1	74	23.84	23.79	23.81				
15	QPSK	36	0	23.10	23.12	23.02	24	1		
15	QPSK	36	20	23.09	22.95	22.95				
15	QPSK	36	39	23.06	23.06	22.99				
15	QPSK	75	0	23.08	23.10	22.84	24	1		
15	16QAM	1	0	23.27	23.39	23.31				
15	16QAM	1	37	23.32	23.28	23.41				
15	16QAM	1	74	23.33	23.25	23.30	23	2		
15	16QAM	36	0	22.00	22.06	21.86				
15	16QAM	36	20	22.06	21.94	21.97				
15	16QAM	36	39	22.14	21.96	22.03	23	2		
15	16QAM	75	0	22.18	21.94	22.02				
15	84QAM	1	0	22.24	21.85	21.90				
15	84QAM	1	37	22.16	22.25	22.10	23	2		
15	84QAM	1	74	22.18	21.87	21.93				
15	84QAM	36	0	20.93	21.04	21.12				
15	84QAM	36	20	21.12	20.94	21.15	22	3		
15	84QAM	36	39	21.07	21.15	21.14				
15	84QAM	75	0	21.06	21.00	21.07				
Channel							26740	26865	26990	
Frequency (MHz)							819	831.5	844	
10	QPSK	1	0	23.81	23.85	23.81	25	0		
10	QPSK	1	26	23.83	23.74	23.73				
10	QPSK	1	49	23.75	23.72	23.75				
10	QPSK	25	0	23.03	22.99	22.91	24	1		
10	QPSK	25	12	22.98	22.89	22.83				
10	QPSK	25	25	22.90	22.91	22.92				
10	QPSK	50	0	22.99	23.03	22.78	24	1		
10	16QAM	1	0	23.22	23.26	23.21				
10	16QAM	1	26	23.21	23.17	23.29				
10	16QAM	1	49	23.28	23.19	23.17	23	2		
10	16QAM	25	0	21.87	22.00	21.76				
10	16QAM	25	12	21.99	21.83	21.84				
10	16QAM	25	25	22.06	21.81	21.90	23	2		
10	16QAM	50	0	22.08	21.89	21.85				
10	84QAM	1	0	22.11	21.73	21.82				
10	84QAM	1	26	22.01	22.19	21.97	23	2		
10	84QAM	1	49	22.03	21.81	21.78				
10	84QAM	25	0	20.80	20.98	21.05				
10	84QAM	25	12	21.06	20.87	21.10	22	3		
10	84QAM	25	25	20.94	21.02	21.09				
10	84QAM	50	0	20.94	20.91	21.00				
Channel							26715	26865	27015	
Frequency (MHz)							816.5	831.5	846.5	
5	QPSK	1	0	23.83	23.88	23.82	25	0		
5	QPSK	1	12	23.84	23.83	23.81				
5	QPSK	1	24	23.70	23.64	23.73				
5	QPSK	12	0	22.97	23.05	22.94	24	1		
5	QPSK	12	7	22.95	22.81	22.86				
5	QPSK	12	13	22.93	22.97	22.92				
5	QPSK	25	0	23.02	22.97	22.72	24	1		
5	16QAM	1	0	23.22	23.29	23.26				
5	16QAM	1	12	23.20	23.19	23.33				
5	16QAM	1	24	23.18	23.18	23.15	23	2		
5	16QAM	12	0	21.92	21.94	21.77				
5	16QAM	12	7	21.97	21.85	21.84				
5	16QAM	12	13	22.02	21.84	21.98	23	2		
5	16QAM	25	0	22.08	21.86	21.94				
5	84QAM	1	0	22.12	21.71	21.76				
5	84QAM	1	12	22.07	22.16	21.97	23	2		
5	84QAM	1	24	22.12	21.80	21.85				
5	84QAM	12	0	20.79	20.98	20.98				
5	84QAM	12	7	21.04	20.82	21.10	22	3		
5	84QAM	12	13	20.92	21.09	21.02				
5	84QAM	25	0	21.00	20.86	21.01				
Channel							26705	26865	27025	
Frequency (MHz)							815.5	831.5	847.5	
3	QPSK	1	0	23.84	23.90	23.77	25	0		
3	QPSK	1	8	23.82	23.78	23.77				
3	QPSK	1	14	23.72	23.68	23.73				
3	QPSK	8	0	23.02	23.01	22.92	24	1		
3	QPSK	8	4	23.01	22.80	22.87				
3	QPSK	8	7	22.95	22.94	22.94				
3	QPSK	15	0	23.03	22.98	22.78	24	1		
3	16QAM	1	0	23.16	23.32	23.17				
3	16QAM	1	8	23.19	23.22	23.26				
3	16QAM	1	14	23.23	23.19	23.22	24	1		
3	16QAM	8	0	21.87	22.01	21.76				
3	16QAM	8	4	21.97	21.87	21.87				
3	16QAM	8	7	22.09	21.83	21.92	23	2		
3	16QAM	15	0	22.09	21.86	21.90				
3	84QAM	1	0	22.13	21.80	21.75				
3	84QAM	1	8	22.05	22.14	22.02	23	2		
3	84QAM	1	14	22.03	21.81	21.78				
3	84QAM	8	0	20.84	20.92	21.07				
3	84QAM	8	4	21.06	20.88	21.03	22	3		
3	84QAM	8	7	20.96	21.01	20.99				
3	84QAM	15	0	20.91	20.85	20.98				
Channel							26697	26865	27033	
Frequency (MHz)							814.7	831.5	848.3	
1.4	QPSK	1	0	23.81	23.94	23.74	25	0		
1.4	QPSK	1	3	23.76	23.77	23.74				
1.4	QPSK	1	5	23.75	23.64	23.69				
1.4	QPSK	3	0	23.72	23.83	23.59	24	1		
1.4	QPSK	3	1	23.68	23.62	23.61				
1.4	QPSK	3	3	23.70	23.54	23.56				
1.4	QPSK	6	0	23.03	22.96	22.72	24	1		
1.4	16QAM	1	0	23.16	23.33	23.21				
1.4	16QAM	1	3	23.18	23.23	23.35				
1.4	16QAM	1	5	23.23	23.14	23.24	24	1		
1.4	16QAM	3	0	23.09	23.28	23.10				
1.4	16QAM	3	1	23.06	23.16	23.25				
1.4	16QAM	6	0	22.13	21.86	21.89	23	2		
1.4	84QAM	1	0	22.01	21.63	21.65				
1.4	84QAM	1	3	22.00	22.03	21.92				
1.4	84QAM	1	5	22.01	21.73	21.81	23	2		
1.4	84QAM	3	0	22.03	21.64	21.70				
1.4	84QAM	3	1	22.01	22.03	21.92				
1.4	84QAM	3	3	21.95	21.70	21.72	22	3		
1.4	84QAM	6	0	20.91	20.91	20.98				

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Band 66_Ant 3										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	21.80	22.00	21.90	23	0		
20	QPSK	1	49	21.77	21.98	21.81				
20	QPSK	1	99	21.70	21.91	21.88				
20	QPSK	50	0	21.78	21.95	21.85	23	0		
20	QPSK	50	24	21.77	21.85	21.80				
20	QPSK	50	50	21.69	21.90	21.76				
20	QPSK	100	0	21.78	21.87	21.80	23	0		
20	16QAM	1	0	21.70	21.91	21.78				
20	16QAM	1	49	21.68	21.96	21.86				
20	16QAM	1	99	21.68	21.91	21.81	22.5	0.5		
20	16QAM	50	0	21.11	21.19	21.43				
20	16QAM	50	24	21.16	21.27	21.49				
20	16QAM	50	50	21.11	21.30	21.50	22.5	0.5		
20	16QAM	100	0	21.04	21.20	21.44				
20	64QAM	1	0	21.10	21.27	21.18				
20	64QAM	1	49	21.22	21.24	21.21	22.5	0.5		
20	64QAM	1	99	21.09	21.25	21.45				
20	64QAM	50	0	20.09	20.25	20.45				
20	64QAM	50	24	20.20	20.15	20.41	21.5	1.5		
20	64QAM	50	50	20.07	20.31	20.51				
20	64QAM	100	0	20.04	20.19	20.48				
Channel										
Frequency (MHz)				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	21.77	21.91	21.79	23	0		
15	QPSK	1	37	21.69	21.94	21.75				
15	QPSK	1	74	21.67	21.77	21.73				
15	QPSK	36	0	21.67	21.94	21.81	23	0		
15	QPSK	36	20	21.64	21.83	21.74				
15	QPSK	36	39	21.62	21.81	21.62				
15	QPSK	75	0	21.71	21.85	21.72	23	0		
15	16QAM	1	0	21.58	21.90	21.76				
15	16QAM	1	37	21.57	21.86	21.84				
15	16QAM	1	74	21.58	21.87	21.68	22.5	0.5		
15	16QAM	36	0	21.02	21.13	21.34				
15	16QAM	36	20	21.03	21.13	21.42				
15	16QAM	36	39	21.09	21.24	21.41	22.5	0.5		
15	16QAM	75	0	20.96	21.07	21.40				
15	64QAM	1	0	21.02	21.25	21.05				
15	64QAM	1	37	21.18	21.21	21.17	22.5	0.5		
15	64QAM	1	74	20.97	21.20	21.35				
15	64QAM	36	0	20.05	20.24	20.41				
15	64QAM	36	20	20.13	20.12	20.37	21.5	1.5		
15	64QAM	36	39	20.01	20.24	20.41				
15	64QAM	75	0	19.95	20.13	20.33				
Channel										
Frequency (MHz)				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	21.67	21.98	21.76	23	0		
10	QPSK	1	25	21.65	21.95	21.73				
10	QPSK	1	49	21.68	21.80	21.80				
10	QPSK	25	0	21.71	21.84	21.81	23	0		
10	QPSK	25	12	21.72	21.83	21.78				
10	QPSK	25	25	21.55	21.80	21.65				
10	QPSK	50	0	21.70	21.78	21.67	23	0		
10	16QAM	1	0	21.61	21.80	21.67				
10	16QAM	1	25	21.56	21.88	21.83				
10	16QAM	1	49	21.54	21.77	21.70	22.5	0.5		
10	16QAM	25	0	20.99	21.17	21.36				
10	16QAM	25	12	21.14	21.25	21.36				
10	16QAM	25	25	21.04	21.28	21.40	22.5	0.5		
10	16QAM	50	0	20.96	21.12	21.31				
10	64QAM	1	0	21.01	21.14	21.10				
10	64QAM	1	25	21.08	21.18	21.09	22.5	0.5		
10	64QAM	1	49	21.00	21.10	21.38				
10	64QAM	25	0	20.90	20.17	20.36				
10	64QAM	25	12	20.19	20.03	20.38	21.5	1.5		
10	64QAM	25	25	19.97	20.25	20.41				
10	64QAM	50	0	19.92	20.05	20.34				
Channel										
Frequency (MHz)				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	21.72	21.99	21.82	23	0		
5	QPSK	1	12	21.76	21.95	21.76				
5	QPSK	1	24	21.65	21.81	21.81				
5	QPSK	12	0	21.68	21.94	21.82	23	0		
5	QPSK	12	7	21.71	21.79	21.79				
5	QPSK	12	13	21.68	21.89	21.72				
5	QPSK	25	0	21.69	21.82	21.74	23	0		
5	16QAM	1	0	21.58	21.89	21.73				
5	16QAM	1	12	21.63	21.84	21.77				
5	16QAM	1	24	21.53	21.86	21.80	23	0		
5	16QAM	12	0	20.97	21.17	21.37				
5	16QAM	12	7	21.11	21.14	21.41				
5	16QAM	12	13	21.03	21.25	21.43	22.5	0.5		
5	16QAM	25	0	20.94	21.08	21.29				
5	64QAM	1	0	20.99	21.19	21.16				
5	64QAM	1	12	21.15	21.11	21.11	22.5	0.5		
5	64QAM	1	24	21.06	21.14	21.34				
5	64QAM	12	0	19.97	20.22	20.42				
5	64QAM	12	7	20.13	20.08	20.43	21.5	1.5		
5	64QAM	12	13	19.97	20.28	20.42				
5	64QAM	25	0	19.94	20.11	20.33				
Channel										
Frequency (MHz)				131987	132322	132647	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	21.72	21.96	21.77	23	0		
3	QPSK	1	8	21.74	21.84	21.73				
3	QPSK	1	14	21.56	21.88	21.80				
3	QPSK	8	0	21.65	21.83	21.73	23	0		
3	QPSK	8	4	21.72	21.73	21.73				
3	QPSK	8	7	21.57	21.69	21.71				
3	QPSK	15	0	21.77	21.78	21.73	23	0		
3	16QAM	1	0	21.61	21.87	21.67				
3	16QAM	1	8	21.61	21.94	21.72				
3	16QAM	1	14	21.59	21.79	21.78	22.5	0.5		
3	16QAM	8	0	20.96	21.08	21.33				
3	16QAM	8	4	21.09	21.25	21.31				
3	16QAM	8	7	21.10	21.26	21.37	22.5	0.5		
3	16QAM	15	0	20.89	21.08	21.34				
3	64QAM	1	0	21.03	21.26	21.08				
3	64QAM	1	8	21.09	21.13	21.12	22.5	0.5		
3	64QAM	1	14	21.02	21.19	21.41				
3	64QAM	8	0	19.95	20.10	20.30				
3	64QAM	8	4	20.16	20.07	20.38	21.5	1.5		
3	64QAM	8	7	20.03	20.28	20.41				
3	64QAM	15	0	19.99	20.15	20.38				
Channel										
Frequency (MHz)				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1745	1779.3				
1.4	QPSK	1	0	21.70	21.85	21.89	23	0		
1.4	QPSK	1	3	21.63	21.84	21.80				
1.4	QPSK	1	5	21.69	21.81	21.73	23	0		
1.4	QPSK	3	0	21.70	21.98	21.76				
1.4	QPSK	3	3	21.65	21.76	21.76				
1.4	QPSK	6	0	21.69	21.83	21.83	23	0		
1.4	QPSK	6	3	21.70	21.72	21.77				
1.4	16QAM	1	3	21.68	21.89	21.84				
1.4	16QAM	1	5	21.71	21.84	21.65	23	0		
1.4	16QAM	3	0	21.64	21.84	21.77				
1.4	16QAM	3	1	21.62	21.95	21.76				
1.4	16QAM	3	3	21.65	21.86	21.35	22.5	0.5		
1.4	16QAM	6	0	21.62	21.96	21.35				
1.4	64QAM	1	0	21.06	21.16	21.05				
1.4	64QAM	1	3	21.18	21.17	21.20	22.5	0.5		
1.4	64QAM	1	5	21.00	21.14	21.38				
1.4	64QAM	3	0	20.96	21.04	21.31				
1.4	64QAM	3	1	21.04	21.15	21.01	21.5	1.5		
1.4	64QAM	3	3	20.92	21.11	21.27				
1.4	64QAM	6	0	19.97	20.10	20.38				

Band 38_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	23.40	23.38	23.35	24.5	0		
20	QPSK	1	49	23.39	23.19	23.31				
20	QPSK	1	99	23.35	23.25	23.29				
20	QPSK	50	0	22.62	22.59	22.55	23.5	1		
20	QPSK	50	24	22.47	22.30	22.50				
20	QPSK	50	50	22.48	22.53	22.33				
20	QPSK	100	0	22.60	22.46	22.50	23.5	1		
20	16QAM	1	0	22.21	22.36	22.40				
20	16QAM	1	49	22.20	22.28	22.30				
20	16QAM	1	99	22.22	22.37	22.10	22.5	2		
20	16QAM	50	0	21.88	21.49	21.47				
20	16QAM	50	24	21.63	21.55	21.74				
20	16QAM	50	50	21.42	21.62	21.63	22.5	2		
20	16QAM	100	0	21.47	21.51	21.33				
20	64QAM	1	0	21.48	21.40	21.35				
20	64QAM	1	49	21.23	21.40	21.41	22.5	2		
20	64QAM	1	99	21.35	21.38	21.25				
20	64QAM	50	0	20.58	20.40	20.42				
20	64QAM	50	24	20.51	20.60	20.69	21.5	3		
20	64QAM	50	50	20.48	20.30	20.57				
20	64QAM	100	0	20.58	20.58	20.55				
Channel				37925	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	23.35	23.26	23.29	24.5	0		
15	QPSK	1	37	23.25	23.14	23.23				
15	QPSK	1	74	23.29	23.19	23.14				
15	QPSK	36	0	22.57	22.43	22.44	23.5	1		
15	QPSK	36	20	22.40	22.19	22.44				
15	QPSK	36	39	22.42	22.47	22.21				
15	QPSK	75	0	22.48	22.31	22.44	23.5	1		
15	16QAM	1	0	22.06	22.23	22.35				
15	16QAM	1	37	22.12	22.22	22.20				
15	16QAM	1	74	22.12	22.31	22.05	22.5	2		
15	16QAM	36	0	21.56	21.43	21.52				
15	16QAM	36	20	21.54	21.40	21.68				
15	16QAM	36	39	21.38	21.49	21.55	22.5	2		
15	16QAM	75	0	21.40	21.44	21.24				
15	64QAM	1	0	21.37	21.25	21.30				
15	64QAM	1	37	21.08	21.28	21.28	22.5	2		
15	64QAM	1	74	21.23	21.30	21.19				
15	64QAM	36	0	20.50	20.32	20.33				
15	64QAM	36	20	20.42	20.48	20.55	21.5	3		
15	64QAM	36	39	20.43	20.16	20.44				
15	64QAM	75	0	20.45	20.51	20.40				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	23.35	23.25	23.28	24.5	0		
10	QPSK	1	25	23.34	23.04	23.20				
10	QPSK	1	49	23.29	23.13	23.20				
10	QPSK	25	0	22.57	22.46	22.50	23.5	1		
10	QPSK	25	12	22.38	22.25	22.45				
10	QPSK	25	25	22.35	22.42	22.26				
10	QPSK	50	0	22.55	22.39	22.45	23.5	1		
10	16QAM	1	0	22.14	22.27	22.33				
10	16QAM	1	25	22.09	22.23	22.16				
10	16QAM	1	49	22.15	22.28	21.99	22.5	2		
10	16QAM	25	0	21.63	21.34	21.37				
10	16QAM	25	12	21.51	21.41	21.64				
10	16QAM	25	25	21.32	21.49	21.55	22.5	2		
10	16QAM	50	0	21.39	21.42	21.19				
10	64QAM	1	0	21.34	21.30	21.30				
10	64QAM	1	25	21.08	21.35	21.27	22.5	2		
10	64QAM	1	49	21.25	21.24	21.10				
10	64QAM	25	0	20.46	20.32	20.33				
10	64QAM	25	12	20.38	20.51	20.56	21.5	3		
10	64QAM	25	25	20.35	20.21	20.49				
10	64QAM	50	0	20.45	20.51	20.47				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	23.33	23.23	23.29	24.5	0		
5	QPSK	1	12	23.33	23.13	23.22				
5	QPSK	1	24	23.23	23.16	23.22				
5	QPSK	12	0	22.52	22.45	22.45	23.5	1		
5	QPSK	12	7	22.42	22.23	22.39				
5	QPSK	12	13	22.38	22.43	22.22				
5	QPSK	25	0	22.47	22.39	22.45	23.5	1		
5	16QAM	1	0	22.11	22.31	22.25				
5	16QAM	1	12	22.15	22.18	22.17				
5	16QAM	1	24	22.15	22.27	21.98	22.5	2		
5	16QAM	12	0	21.57	21.37	21.39				
5	16QAM	12	7	21.48	21.47	21.66				
5	16QAM	12	13	21.29	21.54	21.55	22.5	2		
5	16QAM	25	0	21.39	21.44	21.22				
5	64QAM	1	0	21.42	21.26	21.27				
5	64QAM	1	12	21.14	21.32	21.30	22.5	2		
5	64QAM	1	24	21.24	21.27	21.16				
5	64QAM	12	0	20.43	20.28	20.31				
5	64QAM	12	7	20.39	20.45	20.64	21.5	3		
5	64QAM	12	13	20.40	20.25	20.42				
5	64QAM	25	0	20.53	20.46	20.46				

Band 38_Ant 3										
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	23.83	23.80	23.77	24.5	0		
20	QPSK	1	49	23.63	23.67	23.72				
20	QPSK	1	99	23.80	23.71	23.70				
20	QPSK	50	0	22.96	22.98	23.05	23.5	1		
20	QPSK	50	24	22.99	22.95	23.04				
20	QPSK	50	50	22.93	22.78	22.88				
20	QPSK	100	0	23.06	22.96	23.04	23.5	1		
20	16QAM	1	0	22.62	23.13	22.65				
20	16QAM	1	49	23.06	23.24	23.29				
20	16QAM	1	99	22.84	22.85	22.53	22.5	2		
20	16QAM	50	0	21.96	21.98	21.96				
20	16QAM	50	24	22.18	21.94	22.19				
20	16QAM	50	50	22.13	21.81	21.96	21.5	3		
20	16QAM	100	0	21.79	21.96	22.10				
20	8QAM	1	0	22.04	21.56	22.10	22.5	2		
20	8QAM	1	49	21.85	22.12	21.75				
20	8QAM	1	99	22.81	22.18	21.53				
20	8QAM	50	0	20.99	21.04	20.65	21.5	3		
20	8QAM	50	24	21.12	21.07	21.09				
20	8QAM	50	50	21.04	20.73	20.94				
20	8QAM	100	0	20.86	20.98	21.00				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	23.69	23.65	23.65	24.5	0		
15	QPSK	1	37	23.78	23.72	23.59				
15	QPSK	1	74	23.72	23.57	23.59				
15	QPSK	36	0	23.02	22.86	22.96	23.5	1		
15	QPSK	36	20	22.92	22.86	22.94				
15	QPSK	36	39	22.87	22.73	22.85				
15	QPSK	75	0	22.93	22.81	22.89	23.5	1		
15	16QAM	1	0	22.60	23.11	22.54				
15	16QAM	1	37	22.91	23.18	21.53				
15	16QAM	1	74	22.73	22.70	22.48	22.5	2		
15	16QAM	36	0	21.82	21.90	21.87				
15	16QAM	36	20	22.03	21.92	22.14				
15	16QAM	36	39	22.00	21.79	21.91	22.5	2		
15	16QAM	75	0	21.70	21.89	21.97				
15	16QAM	1	0	21.95	21.50	22.07				
15	8QAM	1	37	22.91	22.82	21.52	22.5	2		
15	8QAM	1	74	22.07	21.53	21.40				
15	8QAM	36	0	20.97	21.03	20.62				
15	8QAM	36	20	21.01	20.95	20.94	21.5	3		
15	8QAM	36	39	20.94	20.68	20.86				
15	8QAM	75	0	20.80	20.93	20.96				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2615				
10	QPSK	1	0	23.81	23.78	23.73	24.5	0		
10	QPSK	1	25	23.61	23.60	23.68				
10	QPSK	1	49	23.76	23.58	23.66				
10	QPSK	25	0	23.02	22.86	22.93	23.5	1		
10	QPSK	25	12	22.96	22.83	22.90				
10	QPSK	25	25	23.00	22.71	22.79				
10	QPSK	50	0	23.00	22.85	22.89	23.5	1		
10	16QAM	1	0	22.62	23.03	22.55				
10	16QAM	1	25	23.02	23.11	23.20				
10	16QAM	1	49	22.83	22.81	22.47	22.5	2		
10	16QAM	25	0	21.94	21.94	21.82				
10	16QAM	25	12	22.08	21.90	22.17				
10	16QAM	25	25	22.12	21.77	21.89	22.5	2		
10	16QAM	50	0	21.67	21.65	22.03				
10	8QAM	1	0	21.96	21.49	22.05				
10	8QAM	1	25	21.71	22.10	21.65	21.5	3		
10	8QAM	1	49	22.06	21.56	21.57				
10	8QAM	25	0	20.88	20.98	20.53				
10	8QAM	25	12	21.04	20.95	20.97	21.5	3		
10	8QAM	25	25	20.97	20.61	20.88				
10	8QAM	50	0	20.73	20.83	20.59				
Channel				3777.5	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575.5	2595	2617.5				
5	QPSK	1	0	23.77	23.74	23.71	24.5	0		
5	QPSK	1	12	23.50	23.53	23.62				
5	QPSK	1	24	23.77	23.57	23.62				
5	QPSK	12	0	23.03	22.93	23.02	23.5	1		
5	QPSK	12	7	22.94	22.92	22.97				
5	QPSK	12	13	22.91	22.73	22.73				
5	16QAM	1	0	22.55	23.01	22.63	23.5	1		
5	16QAM	1	12	23.00	23.11	23.24				
5	16QAM	1	24	22.81	22.72	22.50				
5	16QAM	12	0	21.88	21.89	21.82	22.5	2		
5	16QAM	12	7	21.67	21.65	22.16				
5	16QAM	12	13	22.02	21.75	21.92				
5	16QAM	25	0	21.77	21.94	22.02	22.5	2		
5	8QAM	1	0	21.99	21.49	22.07				
5	8QAM	1	12	21.75	22.00	21.59				
5	8QAM	1	24	21.92	21.53	21.43	21.5	3		
5	8QAM	12	0	20.84	20.96	20.53				
5	8QAM	12	7	21.11	20.72	21.07				
5	8QAM	12	13	20.96	20.69	20.83	21.5	3		
5	8QAM	25	0	20.77	20.92	20.87				

Band 41_Ant 2												
BW (MHz)	Modulatio n	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power High Mid Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel												
Frequency (MHz)												
20	QPSK	1	0	23.06	2549.5	2593	2636.5	2680				
20	QPSK	1	49	23.74	23.70	23.36	23.29	23.35		24.5	0	
20	QPSK	1	99	23.74	23.57	23.51	23.32	23.25	23.31			
20	QPSK	50	0	22.92	22.90	22.50	22.45	22.45				
20	QPSK	50	24	22.68	22.53	22.47	22.42	22.38		23.5	1	
20	QPSK	50	50	22.90	22.85	22.45	22.36	22.33				
20	QPSK	100	0	22.80	22.75	22.21	22.26	22.42				
20	16QAM	1	0	22.58	22.53	22.63	22.57	22.42				
20	16QAM	1	49	22.92	22.86	22.45	22.31	22.38		23.5	1	
20	16QAM	1	99	22.67	22.58	22.28	22.13	22.45				
20	16QAM	50	0	21.87	21.71	21.47	21.36	21.31				
20	16QAM	50	24	21.78	21.71	21.44	21.36	21.34				
20	16QAM	50	50	21.86	21.76	21.36	21.32	21.29		22.5	2	
20	16QAM	100	0	21.80	21.70	21.47	21.32	21.30				
20	64QAM	1	0	21.50	21.35	21.41	21.33	21.35				
20	64QAM	1	49	21.42	21.30	21.13	21.04	21.30		22.5	2	
20	64QAM	1	99	21.47	21.36	21.19	21.07	21.57				
20	64QAM	50	0	20.70	20.56	20.40	20.26	20.32				
20	64QAM	50	24	20.68	20.58	20.39	20.32	20.29				
20	64QAM	50	50	20.78	20.73	20.54	20.41	20.33		21.5	3	
20	64QAM	100	0	20.57	20.52	20.40	20.25	20.39				
Channel												
Frequency (MHz)												
15	QPSK	1	0	23.74	2543.3	2593	2637.8	2682.5		Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	37	23.59	23.49	23.13	23.12	23.26		24.5	0	
15	QPSK	1	74	23.42	23.33	23.21	23.12	23.17				
15	QPSK	36	0	22.62	22.56	22.45	22.45	22.38		23.5	1	
15	QPSK	36	20	22.63	22.57	22.38	22.36	22.29				
15	QPSK	36	39	22.77	22.72	22.38	22.24	22.21				
15	QPSK	75	0	22.78	22.64	22.31	22.15	22.40				
15	16QAM	1	0	22.48	22.44	22.56	22.56	22.38		23.5	1	
15	16QAM	1	37	22.78	22.78	22.32	22.23	22.31				
15	16QAM	1	74	22.56	22.45	22.20	22.04	22.20				
15	16QAM	36	0	21.71	21.60	21.39	21.32	21.29		22.5	2	
15	16QAM	36	20	21.68	21.57	21.37	21.25	21.33				
15	16QAM	36	39	21.73	21.70	21.30	21.13	21.24				
15	16QAM	75	0	21.67	21.56	21.32	21.24	21.27				
15	64QAM	1	0	21.43	21.24	21.29	21.21	21.24				
15	64QAM	1	37	21.34	21.21	21.03	21.00	21.18				
15	64QAM	1	74	21.21	21.11	21.11	21.03	21.48		22.5	2	
15	64QAM	36	0	20.62	20.51	20.27	20.14	20.31				
15	64QAM	36	20	20.69	20.53	20.41	20.29	20.31		21.5	3	
15	64QAM	36	39	20.66	20.61	20.41	20.34	20.32				
15	64QAM	75	0	20.44	20.46	20.33	20.10	20.31				
Channel												
Frequency (MHz)												
10	QPSK	1	0	23.68	2545	2530	2639	2685		Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	25	23.60	23.55	23.21	23.04	23.24		24.5	0	
10	QPSK	1	49	23.42	23.42	23.19	23.19	23.19				
10	QPSK	25	0	22.77	22.79	22.43	22.35	22.45				
10	QPSK	25	12	22.56	22.47	22.33	22.30	22.24		23.5	1	
10	QPSK	25	25	22.83	22.72	22.32	22.27	22.21				
10	QPSK	50	0	22.79	22.65	22.35	22.16	22.27				
10	16QAM	1	0	22.45	22.40	22.51	22.42	22.36				
10	16QAM	1	25	22.80	22.73	22.39	22.30	22.31		23.5	1	
10	16QAM	1	49	22.55	22.45	22.14	22.01	22.30				
10	16QAM	25	0	21.72	21.65	21.34	21.29	21.16				
10	16QAM	25	12	21.67	21.66	21.38	21.34	21.31		22.5	2	
10	16QAM	25	25	21.73	21.68	21.23	21.21	21.34				
10	16QAM	50	0	21.70	21.62	21.37	21.22	21.25				
10	64QAM	1	0	21.56	21.25	21.31	21.29	21.31		22.5	2	
10	64QAM	1	25	21.31	21.20	21.07	20.97	21.16				
10	64QAM	1	49	21.34	21.26	21.07	20.95	21.42				
10	64QAM	25	0	20.59	20.47	20.25	20.22	20.19		21.5	3	
10	64QAM	25	12	20.64	20.59	20.40	20.26	20.33				
10	64QAM	25	25	20.69	20.62	20.41	20.35	20.31				
10	64QAM	50	0	20.49	20.38	20.35	20.17	20.38				
Channel												
Frequency (MHz)												
5	QPSK	1	0	24.83	2543.8	2593	2643.3	2687.5		Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.70	23.56	23.26	23.23	23.34		24.5	0	
5	QPSK	1	12	23.64	23.53	23.13	23.10	23.16				
5	QPSK	1	24	23.45	23.39	23.19	23.15	23.16				
5	QPSK	12	0	22.78	22.82	22.38	22.35	22.34				
5	QPSK	12	7	22.60	22.47	22.32	22.27	22.28		23.5	1	
5	QPSK	12	13	22.81	22.76	22.30	22.30	22.31				
5	QPSK	25	0	22.76	22.62	22.34	22.16	22.34				
5	16QAM	1	0	22.41	22.44	22.53	22.47	22.42				
5	16QAM	1	12	22.80	22.77	22.31	22.19	22.32		23.5	1	
5	16QAM	1	24	22.57	22.45	22.19	22.02	22.35				
5	16QAM	12	0	21.78	21.65	21.42	21.27	21.31				
5	16QAM	12	7	21.65	21.60	21.39	21.34	21.24		22.5	2	
5	16QAM	12	13	21.78	21.70	21.30	21.23	21.32				
5	16QAM	25	0	21.78	21.56	21.42	21.25	21.17				
5	64QAM	1	0	21.41	21.22	21.27	21.28	21.20		22.5	2	
5	64QAM	1	12	21.31	21.18	21.01	20.89	21.28				
5	64QAM	1	24	21.35	21.23	21.05	21.04	21.47				
5	64QAM	12	0	20.63	20.45	20.31	20.14	20.25				
5	64QAM	12	7	20.68	20.55	20.37	20.33	20.30		21.5	3	
5	64QAM	12	13	20.73	20.68	20.45	20.31	20.32				
5	64QAM	25	0	20.44	20.40	20.35	20.17	20.35				

Band 41_Ant 3												
BW	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mid / Freq	Power Power High Ch / Freq	Power Power High Mid / Freq	Power Power High Freq	Time-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	24.13	23.85	23.90	24.10	23.76		24.5	0	
20	QPSK	1	49	23.71	23.78	23.87	23.94	23.64				
20	QPSK	1	99	23.68	23.82	23.82	23.86	23.67				
20	QPSK	50	0	23.12	23.07	23.08	23.10	23.10				
20	QPSK	50	24	22.75	23.00	23.05	23.06	23.07		23.5	1	
20	QPSK	50	50	22.85	22.89	22.97	22.95	22.98				
20	QPSK	100	0	22.36	22.26	22.24	22.25	22.25				
20	16QAM	1	0	22.74	23.10	22.92	22.92	22.75				
20	16QAM	1	49	22.80	22.89	22.94	22.95	22.95		23.5		
20	16QAM	1	99	22.87	23.00	22.89	23.29	22.76				
20	16QAM	50	0	21.70	21.99	22.00	22.04	21.73				
20	16QAM	50	24	22.05	22.24	22.26	22.11	22.22		22.5	2	
20	16QAM	50	50	21.70	22.00	21.82	21.89	21.70				
20	16QAM	100	0	21.65	21.96	22.11	22.00	21.88				
20	64QAM	1	0	21.68	21.79	21.77	21.82	21.70				
20	64QAM	1	49	21.62	22.14	21.65	22.08	21.23		22.5	2	
20	64QAM	1	99	21.55	21.90	22.23	22.05	22.68				
20	64QAM	50	0	20.70	20.85	20.82	20.96	20.52				
20	64QAM	50	24	20.70	21.02	21.00	21.02	20.70		21.5	3	
20	64QAM	50	50	20.63	20.91	21.00	20.90	20.72				
20	64QAM	100	0	20.69	21.02	21.01	21.14	20.68				
Channel				39725	40173	40620	41068	41515	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5				
15	QPSK	1	0	23.63	23.77	23.89	24.07	23.73		24.5	0	
15	QPSK	1	37	23.65	23.69	23.84	23.88	23.67				
15	QPSK	1	74	23.54	23.72	23.73	23.78	23.66				
15	QPSK	36	0	22.65	22.98	22.98	23.05	22.67				
15	QPSK	36	24	22.65	22.94	23.09	23.03	22.98		23.5	1	
15	QPSK	36	39	22.62	22.83	22.87	22.93	22.68				
15	QPSK	75	0	22.65	22.88	22.90	22.92	22.67				
15	16QAM	1	0	22.60	22.99	22.92	22.89	22.70				
15	16QAM	1	37	22.66	22.77	23.22	23.12	22.81		23.5	1	
15	16QAM	1	74	22.75	22.91	22.78	23.26	22.74				
15	16QAM	36	0	21.67	21.84	21.89	21.89	21.58		22.5	2	
15	16QAM	36	20	21.87	22.02	22.08	22.03	21.76				
15	16QAM	36	39	21.66	21.98	21.81	22.82	21.58		22.5	2	
15	16QAM	75	0	21.55	21.90	21.98	21.89	21.58				
15	64QAM	1	0	21.55	21.76	21.64	21.68	21.80				
15	64QAM	1	37	21.54	22.00	21.53	21.97	22.14				
15	64QAM	1	74	21.64	22.17	22.17	22.22	21.82		22.5	2	
15	64QAM	36	0	20.65	20.75	20.80	20.92	20.37				
15	64QAM	36	20	20.58	20.89	20.93	20.97	20.69		21.5	3	
15	64QAM	36	39	20.60	20.82	20.86	20.84	20.60				
15	64QAM	75	0	20.64	20.90	20.82	21.13	20.54				
Channel				39700	40160	40620	41080	41540	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2501	2547	2593	2639	2685				
10	QPSK	1	0	23.60	23.82	23.88	24.08	23.61		24.5	0	
10	QPSK	1	25	23.60	23.77	23.84	23.84	23.62				
10	QPSK	1	49	23.60	23.69	23.77	23.77	23.65				
10	QPSK	25	0	22.68	22.92	23.10	23.13	22.98				
10	QPSK	25	12	22.65	22.85	23.06	22.97	22.98		23.5	1	
10	QPSK	25	25	22.59	22.82	22.91	22.81	22.66				
10	QPSK	50	0	22.60	22.91	22.91	22.90	22.81				
10	16QAM	1	0	22.66	23.07	22.91	22.84	22.77				
10	16QAM	1	25	22.67	22.83	23.10	23.20	22.87		23.5	1	
10	16QAM	1	49	22.70	22.89	22.79	23.14	22.75				
10	16QAM	25	0	21.56	21.84	21.99	22.02	21.67				
10	16QAM	25	12	21.84	22.09	22.00	21.92	21.74		22.5	2	
10	16QAM	25	25	21.60	21.85	21.80	21.75	21.63				
10	16QAM	50	0	21.56	21.86	21.98	21.85	21.64				
10	16QAM	1	25	21.57	21.65	21.68	21.67	21.66				
10	64QAM	1	25	21.57	21.81	21.58	21.67	21.66		22.5	2	
10	64QAM	1	49	21.43	21.78	22.17	22.04	21.67				
10	64QAM	25	0	20.68	20.77	20.70	20.90	20.37				
10	64QAM	25	12	20.61	20.81	20.98	20.97	20.76		21.5	3	
10	64QAM	25	25	20.60	20.80	20.90	20.87	20.69				
10	64QAM	50	0	20.57	20.89	20.79	21.01	20.45				
Channel				39675	40148	40620	41093	41565	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2498.5	2543.8	2593	2640.30	2687.5				
5	QPSK	1	0	23.63	23.74	23.81	23.99	23.72		24.5	0	
5	QPSK	1	12	23.67	23.73	23.86	23.82	23.52				
5	QPSK	1	24	23.67	23.71	23.67	23.80	23.66				
5	QPSK	12	0	22.72	22.98	23.02	23.10	23.06				
5	QPSK	12	7	22.72	22.89	23.03	22.98	23.05		23.5	1	
5	QPSK	12	13	22.62	22.83	22.91	22.87	22.66				
5	QPSK	25	0	22.67	22.82	22.87	22.97	22.72				
5	16QAM	1	1	22.67	22.85	22.79	22.88	22.72				
5	16QAM	1	12	22.66	22.80	23.23	23.02	22.86		23.5	1	
5	16QAM	1	24	22.77	22.92	22.82	23.15	22.73				
5	16QAM	12	0	21.56	21.98	21.92	22.00	21.67				
5	16QAM	12	7	21.83	22.07	22.02	21.97	21.87		22.5	2	
5	16QAM	12	13	21.58	21.98	21.76	21.75	21.69				
5	16QAM	25	0	21.54	21.94	22.06	21.98	21.84				
5	64QAM	1	0	21.61	21.71	21.64	21.77	21.57		22.5	2	
5	64QAM	1	12	21.52	22.03	21.64	21.67	22.17				
5	64QAM	1	24	21.51	21.80	22.19	22.02	21.62				
5	64QAM	12	0	20.58	20.72	20.76	20.82	20.44				
5	64QAM	12	7	20.59	20.97	20.89	20.98	20.69		21.5	3	
5	64QAM	12	13	20.51	20.77	20.85	20.76	20.61				
5	64QAM	25	0	20.51	20.88	20.84	20.96	20.48				

Band 41_Ant 4												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power Power High Ch / Freq	Power Power High Mid Ch / Freq	Power Power High Low Ch / Freq	Power Power High High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel												
	Frequency (MHz)			39750	40185	40620	41055	41490				
20	QPSK	1	0	22.80	22.77	22.93	22.85	22.58				
20	QPSK	1	49	22.73	22.70	22.46	22.54	22.56		23	0	
20	QPSK	1	99	22.66	22.74	22.49	22.52	22.55				
20	QPSK	50	0	22.77	22.69	22.59	22.61	22.57				
20	QPSK	50	24	22.72	22.62	22.52	22.59	22.52		23	0	
20	QPSK	50	50	22.86	22.68	22.58	22.53	22.50				
20	QPSK	100	0	22.75	22.70	22.58	22.55	22.52				
20	16QAM	1	0	22.66	22.65	22.56	22.59	22.57				
20	16QAM	1	49	22.74	22.70	22.55	22.53	22.57		23	0	
20	16QAM	1	99	22.66	22.73	22.54	22.56	22.52				
20	16QAM	50	0	21.75	21.85	21.75	21.53	21.82				
20	16QAM	50	24	21.66	21.74	21.62	21.70	21.82		22.5	0.5	
20	16QAM	50	50	21.77	21.81	21.60	21.55	21.52				
20	16QAM	100	0	21.99	21.95	21.79	21.60	21.55				
20	64QAM	1	0	21.61	21.91	21.85	21.67	21.55				
20	64QAM	1	49	21.92	21.85	21.66	21.53	21.51		22.5	0.5	
20	64QAM	1	99	21.60	21.95	21.64	21.54	21.62				
20	64QAM	50	0	20.94	20.90	20.81	20.59	20.52				
20	64QAM	50	24	20.90	20.82	20.89	20.59	20.56		21.5	1.5	
20	64QAM	50	50	20.77	20.85	20.59	20.71	20.64				
20	64QAM	100	0	20.89	20.95	20.79	20.56	20.50				
Channel												
	Frequency (MHz)			39725	40173	40620	41068	41515		Turn-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			2503.5	2548.3	2593	2637.8	2682.5				
15	QPSK	1	0	22.82	22.76	22.45	22.58	22.53				
15	QPSK	1	37	22.67	22.69	22.39	22.47	22.51		23	0	
15	QPSK	1	74	22.53	22.62	22.37	22.50	22.54				
15	QPSK	36	0	22.70	22.67	22.54	22.47	22.46		22	0	
15	QPSK	36	20	22.85	22.68	22.48	22.53	22.51		23	0	
15	QPSK	36	39	22.56	22.64	22.49	22.44	22.36				
15	QPSK	75	0	22.68	22.69	22.51	22.51	22.43				
15	16QAM	1	0	22.57	22.53	22.53	22.45	22.49				
15	16QAM	1	37	22.69	22.66	22.44	22.41	22.50		23	0	
15	16QAM	1	74	22.64	22.65	22.51	22.42	22.41				
15	16QAM	36	0	21.62	21.82	21.72	21.36	21.50				
15	16QAM	36	20	21.86	21.80	21.70	21.72	21.73		22.5	0.5	
15	16QAM	36	39	21.69	21.82	21.47	21.50	21.41				
15	16QAM	75	0	21.94	21.81	21.71	21.46	21.40				
15	64QAM	1	0	21.59	21.76	21.78	21.56	21.44				
15	64QAM	1	37	21.61	21.75	21.54	21.46	21.46		22.5	0.5	
15	64QAM	1	74	21.60	21.80	21.79						
15	64QAM	36	0	20.93	20.81	20.79	20.45	20.50				
15	64QAM	36	20	20.71	20.75	20.77	20.73	20.43		21.5	1.5	
15	64QAM	36	39	20.67	20.73	20.50	20.58	20.53				
15	64QAM	75	0	20.79	20.92	20.65	20.50	20.52				
Channel												
	Frequency (MHz)			39700	40160	40620	41080	41540		Turn-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			2501	2547	2593	2639	2685				
10	QPSK	1	0	22.79	22.74	22.54	22.56	22.56				
10	QPSK	1	25	22.61	22.66	22.34	22.51	22.53		23	0	
10	QPSK	1	49	22.58	22.68	22.48	22.48	22.44				
10	QPSK	25	0	22.74	22.67	22.58	22.53	22.53				
10	QPSK	25	12	22.70	22.66	22.45	22.56	22.42		23	0	
10	QPSK	25	25	22.59	22.65	22.50	22.48	22.37				
10	QPSK	50	0	22.64	22.58	22.56	22.43	22.45				
10	16QAM	1	0	22.55	22.55	22.52	22.51	22.50				
10	16QAM	1	25	22.66	22.62	22.51	22.47	22.43		23	0	
10	16QAM	1	49	22.57	22.66	22.53	22.51	22.45				
10	16QAM	25	0	21.64	21.78	21.71	21.43	21.52				
10	16QAM	25	12	21.84	21.87	21.69	21.68	21.40		22.5	0.5	
10	16QAM	25	25	21.70	21.77	21.50	21.43	21.48				
10	16QAM	50	0	21.85	21.86	21.73	21.47	21.44				
10	64QAM	1	0	21.56	21.81	21.82	21.65	21.50		22.5	0.5	
10	64QAM	1	25	21.67	21.74	21.65	21.45	21.37				
10	64QAM	1	49	21.59	21.85	21.63	21.53	21.48				
10	64QAM	25	0	20.83	20.80	20.79	20.48	20.50				
10	64QAM	25	12	20.66	20.85	20.80	20.82	20.45		21.5	1.5	
10	64QAM	25	25	20.62	20.76	20.50	20.62	20.50				
10	64QAM	50	0	20.79	20.87	20.78	20.50	20.57				
Channel												
	Frequency (MHz)			39675	40148	40620	41093	41585		Turn-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			2498.5	2543.6	2593	2640.3	2687.5				
5	QPSK	1	0	22.72	22.71	22.48	22.58	22.54		23	0	
5	QPSK	1	12	22.61	22.68	22.33	22.40	22.50				
5	QPSK	1	24	22.56	22.71	22.36	22.46	22.50				
5	QPSK	12	0	22.68	22.58	22.51	22.52	22.46				
5	QPSK	12	7	22.69	22.66	22.37	22.49	22.40		23	0	
5	QPSK	12	13	22.55	22.56	22.50	22.42	22.43				
5	QPSK	25	0	22.60	22.63	22.57	22.43	22.50				
5	16QAM	1	0	21.67	21.82	21.54	21.47	21.48		22	0	
5	16QAM	1	12	22.62	22.57	22.42	22.40	22.54				
5	16QAM	1	24	22.51	22.66	22.43	22.45	22.48				
5	16QAM	12	0	21.64	21.73	21.62	21.46	21.50		22.5	0.5	
5	16QAM	12	7	21.83	21.87	21.76	21.72	21.77				
5	16QAM	12	13	21.73	21.75	21.47	21.51	21.48				
5	16QAM	25	0	21.67	21.81	21.73	21.45	21.45		22	0	
5	64QAM	1	0	21.51	21.76	21.70	21.55	21.51				
5	64QAM	1	12	21.77	21.81	21.59	21.46	21.51		22.5	0.5	
5	64QAM	1	24	21.52	21.88	21.63	21.44	21.53				
5	64QAM	12	0	20.89	20.78	20.77	20.50	20.47				
5	64QAM	12	7	20.75	20.85	20.79	20.73	20.41		21.5	1.5	
5	64QAM	12	13	20.72	20.78	20.46	20.61	20.57				

Band 48_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				55340	55830	56150	56640			
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	21.27	21.33	21.22	21.25	21.5	0	
20	QPSK	1	49	21.22	21.19	21.16	21.12			
20	QPSK	1	99	21.19	21.26	21.11	21.22			
20	QPSK	50	0	21.26	21.32	21.19	21.21			
20	QPSK	50	24	21.25	21.21	21.12	21.14	21.5	0	
20	QPSK	50	50	21.12	21.19	21.12	21.15			
20	QPSK	100	0	21.13	21.27	21.15	21.12			
20	16QAM	1	0	21.26	21.28	21.12	21.18			
20	16QAM	1	49	21.23	21.28	21.07	21.14	21.5	0	
20	16QAM	1	99	21.17	21.29	21.18	21.15			
20	16QAM	50	0	21.24	21.26	21.08	21.15			
20	16QAM	50	24	21.13	21.26	21.11	21.14			
20	16QAM	50	50	21.19	21.32	21.19	21.13	21.5	0	
20	16QAM	100	0	21.21	21.31	21.11	21.16			
20	64QAM	1	0	21.19	21.32	21.20	21.10			
20	64QAM	1	49	21.18	21.28	21.07	21.14			
20	64QAM	1	99	21.21	21.28	21.21	21.23	21.5	0	
20	64QAM	50	0	21.24	21.24	21.07	21.15			
20	64QAM	50	24	21.22	21.20	21.07	21.22			
20	64QAM	50	50	21.21	21.24	21.21	21.15			
20	64QAM	100	0	21.26	21.21	21.18	21.28	Tune-up limit (dBm)		MPR (dB)
Channel				55315	55820	56160	56665			
Frequency (MHz)				3557.5	3608	3642	3692.5			
15	QPSK	1	0	21.14	21.24	21.19	21.20	21.5	0	
15	QPSK	1	37	21.10	21.10	21.09	21.00			
15	QPSK	1	74	21.12	21.14	21.01	21.12			
15	QPSK	36	0	21.24	21.24	21.07	21.08			
15	QPSK	36	20	21.22	21.20	21.03	21.05	21.5	0	
15	QPSK	36	39	21.11	21.14	21.09	21.09			
15	QPSK	75	0	21.04	21.22	21.10	21.09			
15	16QAM	1	0	21.15	21.16	21.07	21.08			
15	16QAM	1	37	21.08	21.25	20.97	21.03	21.5	0	
15	16QAM	1	74	21.12	21.14	21.05	21.14			
15	16QAM	36	0	21.21	21.16	21.07	21.00			
15	16QAM	36	20	21.01	21.14	21.06	21.21			
15	16QAM	36	39	21.06	21.24	21.12	21.09	21.5	0	
15	16QAM	75	0	21.07	21.19	21.10	21.03			
15	64QAM	1	0	21.04	21.28	21.11	21.07			
15	64QAM	1	37	21.15	21.16	20.95	21.06			
15	64QAM	1	74	21.06	21.14	21.09	21.14	21.5	0	
15	64QAM	36	0	21.16	21.13	21.02	21.14			
15	64QAM	36	20	21.24	21.17	21.16	21.19			
15	64QAM	36	39	21.07	21.22	20.96	21.20			
15	64QAM	75	0	21.18	21.10	21.11	21.17	Tune-up limit (dBm)		MPR (dB)
Channel				55290	55815	56165	56690			
Frequency (MHz)				3555	3607.5	3642.5	3695			
10	QPSK	1	0	21.13	21.29	21.14	21.15	21.5	0	
10	QPSK	1	25	21.13	21.14	21.09	21.10			
10	QPSK	1	49	21.11	21.22	21.08	21.13			
10	QPSK	25	0	21.19	21.23	21.06	21.17			
10	QPSK	25	12	21.21	21.10	21.03	21.07	21.5	0	
10	QPSK	25	25	21.04	21.04	21.08	21.10			
10	QPSK	50	0	21.08	21.12	21.09	21.00			
10	16QAM	1	0	21.22	21.15	21.02	21.11			
10	16QAM	1	49	21.02	21.28	21.15	21.09	21.5	0	
10	16QAM	25	0	21.18	21.19	21.02	21.02			
10	16QAM	25	12	21.09	21.19	21.03	21.22			
10	16QAM	25	25	21.14	21.30	21.10	21.09			
10	16QAM	50	0	21.09	21.17	21.02	21.15	21.5	0	
10	16QAM	50	1	21.18	21.17	21.09	21.14			
10	64QAM	1	25	21.09	21.18	20.94	21.10			
10	64QAM	1	49	21.19	21.22	21.10	21.11			
10	64QAM	25	0	21.15	21.12	21.03	21.04	21.5	0	
10	64QAM	25	12	21.22	21.13	21.14	21.29			
10	64QAM	25	25	21.11	21.11	21.02	21.29			
10	64QAM	50	0	21.15	21.07	21.14	21.18			
Channel				55265	55810	56170	56715	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5			
5	QPSK	1	0	21.17	21.32	21.10	21.16	21.5	0	
5	QPSK	1	12	21.10	21.13	21.04	21.05			
5	QPSK	1	24	21.12	21.20	21.01	21.12			
5	QPSK	12	0	21.18	21.20	21.04	21.07			
5	QPSK	12	7	21.12	21.08	20.97	21.03	21.5	0	
5	QPSK	12	13	21.08	21.11	21.11	21.03			
5	QPSK	25	0	21.07	21.24	21.10	21.00			
5	16QAM	1	0	21.13	21.15	21.08	21.15			
5	16QAM	1	12	21.16	21.22	20.95	21.06	21.5	0	
5	16QAM	1	24	21.08	21.25	21.17	21.14			
5	16QAM	12	0	21.10	21.17	20.99	21.01			
5	16QAM	12	7	21.04	21.23	21.02	21.14			
5	16QAM	12	13	21.06	21.26	21.06	21.06	21.5	0	
5	16QAM	25	0	21.08	21.23	21.01	21.04			
5	64QAM	1	0	21.12	21.20	21.18	21.07			
5	64QAM	1	12	21.15	21.21	20.92	21.02			
5	64QAM	1	24	21.14	21.14	21.07	21.11	21.5	0	
5	64QAM	12	0	21.20	21.12	21.03	21.11			
5	64QAM	12	7	21.13	21.12	21.18	21.31			
5	64QAM	12	13	21.15	21.12	20.96	21.27			
5	64QAM	25	0	21.19	21.09	21.03	21.21	Tune-up limit (dBm)		MPR (dB)

Band 48_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				55340	55830	56150	56640			
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	22.08	22.20	22.10	22.12	22.5	0	
20	QPSK	1	49	21.95	22.06	22.08	22.10			
20	QPSK	1	99	22.00	22.11	22.01	22.05			
20	QPSK	50	0	22.05	22.18	22.08	22.04			
20	QPSK	50	24	22.04	22.13	22.07	22.03	22.5	0	
20	QPSK	50	50	21.95	22.08	22.04	21.98			
20	QPSK	100	0	21.99	22.15	21.99	22.03			
20	16QAM	1	0	21.95	22.10	21.98	22.00			
20	16QAM	1	49	21.96	22.14	21.98	21.98	22.5	0	
20	16QAM	1	99	21.93	22.13	22.03	22.00			
20	16QAM	50	0	21.94	21.79	21.73	21.63			
20	16QAM	50	24	21.96	21.81	21.71	21.65			
20	16QAM	50	50	21.97	21.84	21.74	21.69	22.5	0	
20	16QAM	100	0	21.93	21.77	21.68	21.63			
20	64QAM	1	0	21.27	21.52	21.46	21.37			
20	64QAM	1	49	21.34	21.60	21.49	21.41			
20	64QAM	1	99	21.35	21.62	21.54	21.46	21.5	1	
20	64QAM	50	0	20.47	20.72	20.65	20.58			
20	64QAM	50	24	20.49	20.73	20.66	20.59	21.5	1	
20	64QAM	50	50	20.47	20.72	20.61	20.59			
20	64QAM	100	0	20.45	20.70	20.61	20.54			
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3557.5	3608	3642	3692.5			
15	QPSK	1	0	21.94	22.08	21.97	22.04	22.5	0	
15	QPSK	1	37	21.82	22.01	22.04	22.04			
15	QPSK	1	74	21.92	22.03	21.99	22.00			
15	QPSK	36	0	21.94	22.09	21.99	21.89			
15	QPSK	36	20	21.99	22.09	22.06	21.96	22.5	0	
15	QPSK	36	39	21.80	21.96	21.91	21.89			
15	QPSK	75	0	21.95	22.03	21.97	21.97			
15	16QAM	1	0	21.89	21.97	21.86	21.92			
15	16QAM	1	37	21.86	21.99	21.84	21.96	22.5	0	
15	16QAM	1	74	21.92	22.02	21.95	21.99			
15	16QAM	36	0	21.43	21.64	21.70	21.54			
15	16QAM	36	20	21.45	21.59	21.76	21.54			
15	16QAM	36	39	21.44	21.61	21.84	21.54	22.5	0	
15	16QAM	75	0	21.39	21.56	21.66	21.54			
15	64QAM	1	0	21.20	21.41	21.38	21.24			
15	64QAM	1	37	21.22	21.37	21.48	21.39			
15	64QAM	1	74	21.28	21.31	21.48	21.39	22.5	0	
15	64QAM	36	0	20.42	20.52	20.71	20.48			
15	64QAM	36	20	20.44	20.59	20.64	20.54			
15	64QAM	36	39	20.38	20.52	20.64	20.55			
15	64QAM	75	0	20.35	20.56	20.70	20.44			
Channel				55290	55815	56165	56680	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				35565	3607.5	3642.5	3695			
10	QPSK	1	0	22.07	22.13	21.87	22.05	22.5	0	
10	QPSK	1	49	21.96	21.92	21.95	22.00			
10	QPSK	1	49	21.91	21.97	21.98	21.91			
10	QPSK	25	0	22.04	22.15	22.03	22.00			
10	QPSK	25	12	21.99	22.02	21.93	21.96	22.5	0	
10	QPSK	25	25	21.87	21.93	21.97	21.90			
10	QPSK	50	0	21.95	22.00	21.92	21.92			
10	16QAM	1	0	21.94	22.02	21.93	21.96			
10	16QAM	1	25	21.84	22.11	21.86	21.86	22.5	0	
10	16QAM	1	49	21.78	22.00	22.01	21.88			
10	16QAM	25	0	21.42	21.68	21.69	21.61			
10	16QAM	25	12	21.43	21.61	21.67	21.58			
10	16QAM	25	25	21.51	21.61	21.61	21.59	22.5	0	
10	16QAM	50	0	21.46	21.57	21.72	21.55			
10	64QAM	1	0	21.21	21.34	21.40	21.27			
10	64QAM	1	25	21.26	21.35	21.52	21.27			
10	64QAM	1	49	21.22	21.45	21.61	21.36	21.5	1	
10	64QAM	25	0	20.40	20.56	20.71	20.40			
10	64QAM	25	12	20.40	20.53	20.62	20.52			
10	64QAM	25	25	20.40	20.50	20.57	20.56			
10	64QAM	50	0	20.40	20.46	20.58	20.39			
Channel				35565	3607	3643	3697.5	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3552.5	3607.5	3643	3697.5			
5	QPSK	1	0	21.95	22.07	22.05	21.97	22.5	0	
5	QPSK	1	12	21.81	21.91	22.03	22.07			
5	QPSK	1	24	21.94	21.97	21.92	22.00			
5	QPSK	12	0	21.90	22.17	21.99	21.91			
5	QPSK	12	7	21.91	22.06	22.06	21.89	22.5	0	
5	QPSK	12	13	21.94	21.94	21.90	21.89			
5	QPSK	25	0	21.98	22.03	21.94	22.00			
5	16QAM	1	0	21.88	22.09	21.89	21.85			
5	16QAM	1	12	21.92	22.03	21.91	21.95	22.5	0	
5	16QAM	1	24	21.81	22.07	21.92	21.95			
5	16QAM	12	0	21.49	21.66	21.78	21.53			
5	16QAM	12	7	21.45	21.57	21.77	21.51			
5	16QAM	12	13	21.44	21.65	21.80	21.65	22.5	0	
5	16QAM	25	0	21.38	21.54	21.69	21.55			
5	64QAM	1	0	21.20	21.31	21.40	21.36			
5	64QAM	1	12	21.23	21.34	21.47	21.30			
5	64QAM	1	24	21.21	21.40	21.58	21.42	22.5	0	
5	64QAM	12	0	20.33	20.51	20.68	20.51			
5	64QAM	12	7	20.38	20.54	20.71	20.53			
5	64QAM	12	13	20.40	20.48	20.69	20.47			
5	64QAM	25	0	20.37	20.54	20.62	20.52	21.5	1	

Band 48_Ant 5										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				55340	55830	56150	56640			
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	22.65	22.82	22.67	22.62	23.5	0	
20	QPSK	1	49	22.57	22.74	22.59	22.52			
20	QPSK	1	99	22.51	22.68	22.52	22.46			
20	QPSK	50	0	21.79	22.01	21.83	21.80			
20	QPSK	50	24	21.72	21.91	21.75	21.70	22.5	1	
20	QPSK	50	50	21.65	21.81	21.68	21.66			
20	QPSK	100	0	21.70	21.82	21.69	21.63			
20	16QAM	1	0	21.63	21.80	21.66	21.60			
20	16QAM	1	49	21.68	21.84	21.67	21.60	22.5	1	
20	16QAM	1	99	21.56	21.68	21.55	21.52			
20	16QAM	50	0	20.77	20.94	20.78	20.71			
20	16QAM	50	24	20.65	20.85	20.68	20.66			
20	16QAM	50	50	20.64	20.77	20.63	20.60	21.5	2	
20	16QAM	100	0	20.64	20.81	20.63	20.58			
20	64QAM	1	0	20.55	20.77	20.59	20.52			
20	64QAM	1	49	20.62	20.78	20.63	20.58			
20	64QAM	1	99	20.41	20.59	20.44	20.40	21.5	2	
20	64QAM	50	0	19.75	19.93	19.75	19.69			
20	64QAM	50	24	19.63	19.83	19.67	19.64			
20	64QAM	50	50	19.62	19.79	19.63	19.60			
20	64QAM	100	0	19.64	19.80	19.65	19.59	20.5	3	
Channel				55315	55820	56160	56665			
Frequency (MHz)				3557.5	3608	3642	3692.5			
15	QPSK	1	0	22.74	22.54	22.59	22.49	23.5	0	
15	QPSK	1	37	22.61	22.51	22.47	22.40			
15	QPSK	1	74	22.60	22.46	22.52	22.43			
15	QPSK	36	0	21.59	21.71	21.72	21.80			
15	QPSK	36	20	21.83	21.61	21.71	21.64	22.5	1	
15	QPSK	36	39	21.76	21.53	21.59	21.56			
15	QPSK	75	0	21.72	21.57	21.62	21.48			
15	16QAM	1	0	21.70	21.49	21.54	21.51			
15	16QAM	1	37	21.74	21.62	21.54	21.56	22.5	1	
15	16QAM	1	74	21.61	21.46	21.49	21.48			
15	16QAM	36	0	20.89	20.66	20.63	20.62			
15	16QAM	36	20	20.77	20.52	20.58	20.64			
15	16QAM	36	39	20.65	20.49	20.55	20.59	21.5	2	
15	16QAM	75	0	20.66	20.59	20.63	20.54			
15	64QAM	1	0	20.68	20.43	20.55	20.47			
15	64QAM	1	37	20.70	20.53	20.56	20.44			
15	64QAM	1	74	20.48	20.33	20.44	20.35	20.5	3	
15	64QAM	36	0	19.84	19.60	19.62	19.55			
15	64QAM	36	20	19.70	19.48	19.55	19.64			
15	64QAM	36	39	19.65	19.57	19.52	19.48			
15	64QAM	75	0	19.72	19.53	19.55	19.47	Tune-up limit (dBm)	MPR (dB)	
Channel				55290	55815	56165	56690			
Frequency (MHz)				3555	3607.5	3642.5	3695			
10	QPSK	1	0	22.76	22.54	22.66	22.52	23.5	0	
10	QPSK	1	25	22.59	22.42	22.47	22.45			
10	QPSK	1	49	22.57	22.41	22.52	22.41			
10	QPSK	25	0	21.79	21.69	21.79	21.73			
10	QPSK	25	12	21.78	21.58	21.69	21.55	22.5	1	
10	QPSK	25	25	21.72	21.52	21.57	21.64			
10	QPSK	50	0	21.68	21.65	21.58	21.54			
10	16QAM	1	0	21.74	21.48	21.61	21.50			
10	16QAM	1	25	21.74	21.59	21.54	21.57	22.5	1	
10	16QAM	1	49	21.58	21.41	21.43	21.50			
10	16QAM	25	0	20.81	20.64	20.74	20.60			
10	16QAM	25	12	20.75	20.53	20.57	20.63			
10	16QAM	25	25	20.64	20.51	20.49	20.56	21.5	2	
10	16QAM	50	0	20.68	20.49	20.58	20.47			
10	64QAM	1	0	20.66	20.41	20.57	20.46			
10	64QAM	1	25	20.67	20.50	20.61	20.55			
10	64QAM	1	49	20.46	20.34	20.37	20.38	20.5	3	
10	64QAM	25	0	19.75	19.66	19.66	19.67			
10	64QAM	25	12	19.73	19.51	19.65	19.59			
10	64QAM	25	25	19.68	19.49	19.63	19.49			
10	64QAM	50	0	19.73	19.55	19.56	19.44	Tune-up limit (dBm)	MPR (dB)	
Channel				35265	35810	36170	36715			
Frequency (MHz)				3525.5	3607	3643	3697.5			
5	QPSK	1	0	22.61	22.51	22.57	22.50	23.5	0	
5	QPSK	1	12	22.69	22.51	22.55	22.49			
5	QPSK	1	24	22.59	22.37	22.49	22.31			
5	QPSK	12	0	21.79	21.70	21.79	21.77			
5	QPSK	12	7	21.85	21.61	21.71	21.61	22.5	1	
5	QPSK	12	13	21.71	21.56	21.53	21.66			
5	QPSK	25	0	21.77	21.61	21.55	21.60			
5	16QAM	1	0	21.71	21.58	21.59	21.55			
5	16QAM	1	12	21.75	21.54	21.52	21.56	22.5	1	
5	16QAM	1	24	21.57	21.51	21.51	21.49			
5	16QAM	12	0	20.84	20.63	20.63	20.57			
5	16QAM	12	7	20.80	20.57	20.64	20.55			
5	16QAM	12	13	20.72	20.57	20.54	20.54	21.5	2	
5	16QAM	25	0	20.68	20.57	20.52	20.49			
5	64QAM	1	0	20.64	20.48	20.56	20.52			
5	64QAM	1	12	20.65	20.53	20.53	20.49			
5	64QAM	1	24	20.51	20.31	20.39	20.39	20.5	3	
5	64QAM	12	0	19.86	19.66	19.73	19.60			
5	64QAM	12	7	19.73	19.51	19.65	19.49			
5	64QAM	12	13	19.74	19.53	19.60	19.48			
5	64QAM	25	0	19.71	19.56	19.63	19.54			

Band 48_Ant 6													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				55340	55830	56150	56640						
Frequency (MHz)				3560	3609	3641	3690						
20	QPSK	1	0	21.68	21.86	21.60	21.91	22.5	0				
20	QPSK	1	49	21.66	21.94	21.88	21.88						
20	QPSK	1	99	21.64	21.89	21.83	21.82						
20	QPSK	50	0	20.98	21.11	21.04	21.05						
20	QPSK	50	24	20.81	21.07	21.02	21.01	21.5	1				
20	QPSK	50	50	20.84	21.09	21.02	21.01						
20	QPSK	100	0	20.77	21.07	21.03	21.01						
20	16QAM	1	0	20.71	20.96	20.90	20.89						
20	16QAM	1	49	20.75	21.03	20.99	20.98	21.5	1				
20	16QAM	1	99	20.85	20.95	20.87	20.90						
20	16QAM	50	0	19.79	20.02	19.96	20.00						
20	16QAM	50	24	19.84	20.09	20.02	20.01						
20	16QAM	50	50	19.77	20.07	20.03	20.03	20.5	2				
20	16QAM	100	0	19.79	20.04	19.98	19.97						
20	64QAM	1	0	19.59	19.84	19.78	19.80						
20	64QAM	1	49	19.63	19.92	19.84	19.89						
20	64QAM	1	99	19.58	19.88	19.82	19.81	19.5	3				
20	64QAM	50	0	18.77	19.02	18.97	18.95						
20	64QAM	50	24	18.78	19.05	19.02	18.98	19.5	3				
20	64QAM	50	50	18.77	19.07	18.99	19.00						
20	64QAM	100	0	18.81	19.06	18.98	19.03						
Channel				55315	55820	56160	56665				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3557.5	3608	3642	3692.5						
15	QPSK	1	0	21.54	21.78	21.82	21.86	22.5	0				
15	QPSK	1	37	21.60	21.79	21.89	21.96						
15	QPSK	1	74	21.54	21.76	21.89	21.87						
15	QPSK	36	0	20.71	20.92	20.88	20.94						
15	QPSK	36	20	20.76	20.93	20.89	21.01	21.5	1				
15	QPSK	36	39	20.74	20.91	20.93	20.86						
15	QPSK	75	0	20.72	20.89	21.03	20.99						
15	16QAM	1	0	20.65	20.79	20.88	20.92						
15	16QAM	1	37	20.67	20.86	20.85	20.96	21.5	1				
15	16QAM	1	74	20.56	20.76	20.77	20.89						
15	16QAM	36	0	19.73	19.93	19.86	19.89						
15	16QAM	36	20	19.74	19.88	20.01	19.95						
15	16QAM	36	39	19.69	19.86	20.01	20.04	20.5	2				
15	16QAM	75	0	19.69	19.86	19.88	19.92						
15	64QAM	1	0	19.47	19.65	19.66	19.70						
15	64QAM	1	37	19.54	19.74	19.69	19.81						
15	64QAM	1	74	19.44	19.61	19.67	19.70	20.5	2				
15	64QAM	36	0	18.67	18.81	18.85	19.02						
15	64QAM	36	20	18.73	18.89	19.00	19.02						
15	64QAM	36	39	18.67	18.90	18.89	19.06						
15	64QAM	75	0	18.71	18.89	18.84	18.92	19.5	3				
Channel				55290	55815	56165	56680				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3555	3607.5	3642.5	3695						
10	QPSK	1	0	21.52	21.77	21.75	21.87				22.5	0	
10	QPSK	1	49	21.58	21.80	21.76	21.91						
10	QPSK	1	49	21.56	21.68	21.63	21.84						
10	QPSK	25	0	20.66	20.89	20.88	21.06						
10	QPSK	25	12	20.70	20.94	20.89	21.03	21.5	1				
10	QPSK	25	25	20.77	20.87	20.94	21.09						
10	QPSK	50	0	20.67	20.93	20.89	21.03						
10	16QAM	1	0	20.58	20.74	20.85	20.96						
10	16QAM	1	25	20.60	20.87	20.87	20.94	21.5	1				
10	16QAM	1	49	20.57	20.83	20.85	20.93						
10	16QAM	25	0	19.65	19.89	19.86	20.00						
10	16QAM	25	12	19.79	19.96	19.99	19.98						
10	16QAM	25	25	19.68	19.91	20.01	19.94	20.5	2				
10	16QAM	50	0	19.73	19.84	19.84	19.96						
10	64QAM	1	0	19.45	19.74	19.63	19.82						
10	64QAM	1	25	19.53	19.74	19.76	19.89						
10	64QAM	1	49	19.43	19.69	19.62	19.82	20.5	2				
10	64QAM	25	0	18.71	18.82	18.91	18.90						
10	64QAM	25	12	18.68	18.92	18.93	18.96						
10	64QAM	25	25	18.64	18.91	18.91	18.95						
10	64QAM	50	0	18.66	18.94	18.93	19.04	19.5	3				
Channel				35525	36075	36415	36915				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3552.5	3607	3643	3691.5						
5	QPSK	1	0	21.60	21.76	21.84	21.83				22.5	0	
5	QPSK	1	12	21.60	21.83	21.87	21.88						
5	QPSK	1	24	21.49	21.77	21.74	21.85						
5	QPSK	12	0	20.66	20.93	20.88	21.07						
5	QPSK	12	7	20.70	20.90	20.87	21.09	21.5	1				
5	QPSK	12	13	20.77	20.86	21.02	20.99						
5	QPSK	25	0	20.68	20.92	20.93	20.99						
5	16QAM	1	0	20.65	20.76	20.82	20.88						
5	16QAM	1	12	20.68	20.89	20.85	20.90	21.5	1				
5	16QAM	1	24	20.53	20.75	20.84	20.86						
5	16QAM	12	0	19.71	19.87	19.81	20.04						
5	16QAM	12	7	19.73	19.90	19.90	19.95						
5	16QAM	12	13	19.66	19.90	19.99	19.96	20.5	2				
5	16QAM	25	0	19.72	19.88	19.98	19.94						
5	64QAM	1	0	19.50	19.69	19.76	19.71						
5	64QAM	1	12	19.49	19.82	19.81	19.92						
5	64QAM	1	24	19.44	19.74	19.75	19.76	20.5	2				
5	64QAM	12	0	18.40	18.86	18.87	18.88						
5	64QAM	12	7	18.40	18.83	18.89	19.02						
5	64QAM	12	13	18.40	18.85	18.95	19.00						
5	64QAM	25	0	18.45	18.89	18.87	19.04	19.5	3				
5	64QAM	25	0	18.46	18.89	18.87	19.04						

Reduced Power Mode for DSI 8

GSM850_Ant 0				Burst Average Power (dBm)				Frame Average Power (dBm)				Tune-up			
TX Channel				128	189	251	Limit	128	189	251	Limit	Tune-up			
Frequency (MHz)				824.2	836.4	848.8		824.2	836.4	848.8		Limit (dBm)			
GSM 1 Tx slot				32.47	32.15	32.44	33.50	23.47	23.15	23.44	24.50				
GPRS 1 Tx slot				32.45	32.12	32.47	33.50	23.45	23.12	23.47	24.50				
GPRS 2 Tx slots				29.20	29.26	29.33	30.50	23.20	23.26	23.33	24.50				
GPRS 3 Tx slots				27.52	27.46	27.45	28.70	23.26	23.20	23.19	24.44				
GPRS 4 Tx slots				25.86	25.68	25.87	27.50	22.86	22.68	22.87	24.50				
EDGE 1 Tx slot				26.14	26.27	26.10	28.00	17.14	17.27	17.10	18.00				
EDGE 2 Tx slots				23.54	23.66	23.60	26.00	17.54	17.66	17.60	18.00				
EDGE 3 Tx slots				21.85	21.91	21.84	23.20	17.59	17.65	17.58	18.94				
EDGE 4 Tx slots				21.51	21.87	21.54	22.00	18.51	18.67	18.54	19.00				

GSM850_Ant 1				Burst Average Power (dBm)				Frame Average Power (dBm)				Tune-up			
TX Channel				128	189	251	Limit	128	189	251	Limit	Tune-up			
Frequency (MHz)				824.2	836.4	848.8		824.2	836.4	848.8		Limit (dBm)			
GSM 1 Tx slot				32.33	32.07	32.29	33.50	23.33	23.07	32.29	24.50				
GPRS 1 Tx slot				32.36	31.97	32.36	33.50	23.36	22.97	32.36	24.50				
GPRS 2 Tx slots				29.11	29.14	29.19	30.50	23.11	23.14	23.19	24.50				
GPRS 3 Tx slots				27.42	27.32	27.39	28.70	23.16	23.06	23.13	24.44				
GPRS 4 Tx slots				25.74	25.63	25.80	27.50	22.74	22.63	22.80	24.50				
EDGE 1 Tx slot				26.22	26.20	26.30	28.00	17.22	17.20	17.30	18.00				
EDGE 2 Tx slots				23.48	23.53	23.51	26.00	17.48	17.53	17.51	18.00				
EDGE 3 Tx slots				21.73	21.80	21.76	23.20	17.47	17.54	17.50	18.94				
EDGE 4 Tx slots				21.41	21.56	21.39	22.00	18.41	18.56	18.39	19.00				

GSM1900_Ant 2				Burst Average Power (dBm)				Frame Average Power (dBm)				Tune-up			
TX Channel				512	661	810	Limit	512	661	810	Limit	Tune-up			
Frequency (MHz)				1850.2	1860	1909.8		1850.2	1860	1909.8		Limit (dBm)			
GSM 1 Tx slot				29.02	29.06	29.13	30.50	20.02	20.06	20.13	21.50				
GPRS 1 Tx slot				29.21	29.01	29.15	30.50	20.21	20.01	20.15	21.50				
GPRS 2 Tx slots				25.79	26.17	26.09	27.50	18.79	20.17	20.09	21.50				
GPRS 3 Tx slots				24.42	24.30	24.51	26.70	20.16	20.04	20.25	21.44				
GPRS 4 Tx slots				22.96	23.11	23.32	24.00	19.96	20.11	20.32	21.50				
EDGE 1 Tx slot				25.36	25.17	25.45	27.00	16.36	16.17	16.45	18.00				
EDGE 2 Tx slots				22.91	22.63	22.87	24.00	16.91	16.63	16.87	18.00				
EDGE 3 Tx slots				21.28	20.97	21.18	22.20	17.02	16.71	16.92	17.94				
EDGE 4 Tx slots				20.67	20.58	20.73	21.00	17.67	17.58	17.73	18.90				

GSM1900_Ant 3				Burst Average Power (dBm)				Frame Average Power (dBm)				Tune-up			
TX Channel				512	661	810	Limit	512	661	810	Limit	Tune-up			
Frequency (MHz)				1850.2	1860	1909.8		1850.2	1860	1909.8		Limit (dBm)			
GSM 1 Tx slot				29.06	29.13	29.15	30.50	20.06	20.13	20.15	21.50				
GPRS 1 Tx slot				29.04	29.11	29.10	30.50	20.04	20.11	20.10	21.50				
GPRS 2 Tx slots				25.85	26.09	26.05	27.50	19.85	20.09	20.05	21.50				
GPRS 3 Tx slots				24.35	24.35	24.48	26.70	20.09	19.79	20.22	21.44				
GPRS 4 Tx slots				22.98	23.07	23.35	24.00	19.98	20.07	20.35	21.50				
EDGE 1 Tx slot				25.15	25.02	25.21	27.00	16.15	16.02	16.21	18.00				
EDGE 2 Tx slots				22.37	22.14	22.57	24.00	16.37	16.14	16.57	18.00				
EDGE 3 Tx slots				20.72	20.37	20.85	22.20	16.46	16.11	16.59	17.94				
EDGE 4 Tx slots				20.33	20.03	20.44	21.00	17.33	17.03	17.44	18.90				

GSM1900_Ant 4				Burst Average Power (dBm)				Frame Average Power (dBm)				Tune-up			
TX Channel				512	661	810	Limit	512	661	810	Limit	Tune-up			
Frequency (MHz)				1850.2	1860	1909.8		1850.2	1860	1909.8		Limit (dBm)			
GSM 1 Tx slot				29.16	29.11	29.11	30.50	19.16	19.11	19.11	21.50				
GPRS 1 Tx slot				28.84	28.78	28.76	30.50	19.84	19.78	19.76	21.50				
GPRS 2 Tx slots				25.62	25.69	25.62	27.50	19.62	19.69	19.62	21.50				
GPRS 3 Tx slots				24.00	24.11	24.10	25.70	19.74	19.85	19.84	21.44				
GPRS 4 Tx slots				22.86	22.71	23.12	24.50	19.86	19.71	20.12	21.50				
EDGE 1 Tx slot				25.25	25.06	25.12	27.00	16.25	16.06	16.12	18.00				
EDGE 2 Tx slots				22.21	22.12	22.15	24.00	16.21	16.12	16.15	18.00				
EDGE 3 Tx slots				20.70	20.23	20.63	22.20	16.44	15.97	16.37	17.94				
EDGE 4 Tx slots				20.25	19.91	20.22	21.00	17.25	16.91	17.22	18.90				

Band		WCDMA R_Ant 2				WCDMA R_Ant 3			
TX Channel		9262	9400	9538	Time-up Limit	9262	9400	9538	Time-up Limit
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1860	1907.8	(dBm)	1712.4	1732.6	1752.8	(dBm)
3GPP Rel 99	AMR 12.2kps	20.80	20.86	20.85	22.00	20.87	20.65	20.52	21.50
3GPP Rel 99	RMC 12.2kps	21.06	21.09	20.97	22.00	20.65	20.71	20.62	21.50
3GPP Rel 99	HSPA-Subtree-1	21.03	19.93	19.82	21.00	19.74	19.70	19.52	20.50
3GPP Rel 99	HSPA-Subtree-2	19.84	19.81	19.99	21.00	19.86	19.47	19.46	20.50
3GPP Rel 6	HSPA-Subtree-1	19.47	19.42	19.37	20.50	19.16	19.17	19.16	20.50
3GPP Rel 6	HSPA-Subtree-2	19.59	19.48	19.37	20.50	19.09	19.15	19.10	20.50
3GPP Rel 6	DC-HSPA-Subtree-1	19.86	19.86	19.88	21.00	19.57	19.46	19.45	20.50
3GPP Rel 6	DC-HSPA-Subtree-2	19.76	19.65	19.81	21.00	19.48	19.28	19.48	20.50
3GPP Rel 6	DC-HSPA-Subtree-3	19.26	19.34	19.46	20.50	18.98	18.86	18.96	20.50
3GPP Rel 6	DC-HSPA-Subtree-4	19.34	19.24	19.38	21.00	19.04	18.94	18.96	20.50
3GPP Rel 6	HSPA-Subtree-1	19.81	19.82	19.96	21.00	19.43	19.62	19.53	20.50
3GPP Rel 6	HSPA-Subtree-2	17.98	18.07	17.99	19.00	17.65	17.61	17.52	18.50
3GPP Rel 6	HSPA-Subtree-3	18.94	18.83	18.84	20.00	18.64	18.56	18.57	19.50
3GPP Rel 6	HSPA-Subtree-4	19.07	17.94	18.81	19.00	17.39	17.70	17.59	18.50
3GPP Rel 6	HSPA-Subtree-5	20.00	19.97	19.88	21.00	19.45	19.48	19.48	20.50
3GPP Rel 7	HSPA+ (HQAAM) Subtree-1	19.01	19.12	19.02	21.00	18.67	18.79	18.75	20.50

Band 2_Ant 2																							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)															
Channel																							
Frequency (MHz)																							
20	QPSK	1	0	21.00	21.07	21.02	22	0															
20	QPSK	1	49	20.96	20.87	20.92																	
20	QPSK	1	99	20.93	21.01	20.95	22	0															
20	QPSK	50	0	20.96	21.05	20.92																	
20	QPSK	50	24	20.90	21.03	20.91	22	0															
20	QPSK	50	50	20.91	21.00	20.86																	
20	QPSK	100	0	20.90	20.92	20.88	22	0															
20	16QAM	1	0	20.91	21.04	20.99																	
20	16QAM	1	49	20.89	20.73	20.80	22	0															
20	16QAM	1	99	20.84	20.96	20.93																	
20	16QAM	50	0	20.95	20.96	20.84	22	0															
20	16QAM	50	24	20.97	20.96	20.93																	
20	16QAM	50	50	20.93	20.81	20.77	22	0															
20	16QAM	100	0	20.99	20.95	20.99																	
20	64QAM	1	0	20.82	20.79	20.83	22	0															
20	64QAM	1	49	20.79	20.96	20.94																	
20	64QAM	1	99	20.93	20.84	20.80	22	0															
20	64QAM	50	0	20.70	20.44	20.52																	
20	64QAM	50	24	20.53	20.51	20.44	21.5	0.5															
20	64QAM	50	50	20.48	20.58	20.36																	
20	64QAM	100	0	20.61	20.42	20.45																	
Channel																							
Frequency (MHz)																							
15	QPSK	1	0	20.96	20.95	20.91	22	0															
15	QPSK	1	37	20.95	20.72	20.85																	
15	QPSK	1	74	20.83	20.88	20.80	22	0															
15	QPSK	36	0	20.84	20.90	20.80																	
15	QPSK	36	20	20.84	21.01	20.87	22	0															
15	QPSK	36	39	20.85	20.85	20.76																	
15	QPSK	75	0	20.85	20.91	20.86	22	0															
15	16QAM	1	0	20.85	20.99	20.91																	
15	16QAM	1	37	20.84	20.71	20.86	22	0															
15	16QAM	1	74	20.72	20.86	20.92																	
15	16QAM	36	0	20.81	20.88	20.79	22	0															
15	16QAM	36	20	20.96	20.88	20.80																	
15	16QAM	36	39	20.78	20.65	20.75	22	0															
15	16QAM	75	0	20.84	20.85	20.93																	
15	64QAM	1	0	20.76	20.71	20.76	22	0															
15	64QAM	1	37	20.68	20.84	20.88																	
15	64QAM	1	74	20.84	20.85	20.73	21.5	0.5															
15	64QAM	36	0	20.56	20.45	20.35																	
15	64QAM	36	20	20.42	20.32	20.39																	
15	64QAM	36	39	20.35	20.23	20.31																	
15	64QAM	75	0	20.56	20.38	20.35																	
Channel																							
Frequency (MHz)																							
10	QPSK	1	0	20.99	20.94	20.98	22	0															
10	QPSK	1	25	20.82	20.77	20.84																	
10	QPSK	1	49	20.81	20.95	20.85	22	0															
10	QPSK	25	0	20.91	20.97	20.88																	
10	QPSK	25	12	20.76	20.92	20.79	22	0															
10	QPSK	25	35	20.81	20.87	20.83																	
10	QPSK	50	0	20.85	20.77	20.87	22	0															
10	16QAM	1	0	20.82	20.93	20.92																	
10	16QAM	1	25	20.86	20.60	20.77	22	0															
10	16QAM	1	49	20.70	20.83	20.91																	
10	16QAM	25	0	20.85	20.93	20.74	22	0															
10	16QAM	25	12	20.85	20.94	20.82																	
10	16QAM	25	25	20.76	20.76	20.73	22	0															
10	16QAM	50	0	20.98	20.84	20.97																	
10	64QAM	1	0	20.76	20.77	20.73	22	0															
10	64QAM	1	25	20.72	20.93	20.86																	
10	64QAM	1	49	20.87	20.82	20.78	21.5	0.5															
10	64QAM	25	0	20.62	20.42	20.32																	
10	64QAM	25	12	20.43	20.36	20.36	21.5	0.5															
10	64QAM	25	25	20.33	20.29	20.47																	
10	64QAM	50	0	20.51	20.36	20.31																	
Channel																							
Frequency (MHz)																							
5	QPSK	1	0	20.86	21.01	20.92	22	0															
5	QPSK	1	12	20.83	20.86	20.77																	
5	QPSK	1	24	20.82	20.83	20.82	22	0															
5	QPSK	12	0	20.87	20.90	20.78																	
5	QPSK	12	7	20.82	20.89	20.79	22	0															
5	QPSK	12	13	20.76	20.94	20.73																	
5	QPSK	25	0	20.82	20.82	20.85	22	0															
5	16QAM	1	0	20.81	21.00	20.88																	
5	16QAM	1	12	20.75	20.62	20.79	22	0															
5	16QAM	1	24	20.81	20.93	20.89																	
5	16QAM	12	0	20.89	20.88	20.74	22	0															
5	16QAM	12	7	20.96	20.83	20.89																	
5	16QAM	12	13	20.89	20.71	20.75	22	0															
5	16QAM	25	0	20.87	20.88	20.85																	
5	64QAM	1	0	20.73	20.72	20.79	22	0															
5	64QAM	1	12	20.77	20.86	20.86																	
5	64QAM	1	24	20.91	20.90	20.72	22	0															
5	64QAM	12	0	20.60	20.47	20.37																	
5	64QAM	12	7	20.44	20.37	20.42	21.5	0.5															
5	64QAM	12	13	20.33	20.24	20.43																	
5	64QAM	25	0	20.52	20.32	20.31																	
Channel																							
Frequency (MHz)																							
3	QPSK	1	0	20.97	20.95	20.97	22	0															
3	QPSK	1	8	20.91	20.79	20.89																	
3	QPSK	1	14	20.84	20.87	20.82	22	0															
3	QPSK	8	0	20.92	20.94	20.83																	
3	QPSK	8	4	20.85	20.92	20.89	22	0															
3	QPSK	8	7	20.90	20.95	20.74																	
3	QPSK	15	0	20.87	20.90	20.87	22	0															
3	16QAM	1	0	20.86	21.03	20.95																	
3	16QAM	1	8	20.87	20.70	20.69	22	0															
3	16QAM	1	14	20.73	20.90	20.85																	
3	16QAM	8	0	20.91	20.90	20.85	22	0															
3	16QAM	8	4	20.90	20.90	20.78																	
3	16QAM	8	7	20.82	20.73	20.68	22	0															
3	16QAM	15	0	20.87	20.86	20.84																	
3	64QAM	1	0	20.68	20.77	20.70	22	0															
3	64QAM	8	0	20.71	20.62	20.62																	
3	64QAM	8	14	20.81	20.90	20.89	22	0															
3	64QAM	8	0	20.57	20.45	20.35																	
3	64QAM	8	4	20.40	20.29	20.43	21.5	0.5															
3	64QAM	8	7	20.43	20.26	20.48																	
3	64QAM	15	0	20.51	20.31	20.31																	
Channel																							
Frequency (MHz)																							
1.4	QPSK	1	0	20.99	21.00	20.97	22	0															
1.4	QPSK	1	3	20.88	20.78	20.82																	
1.4	QPSK	1	5	20.81	21.00	20.87	22	0															
1.4	QPSK	3	0	20.95	20.97	20.95																	
1.4	QPSK	3	1	20.83	20.76	20.79	22	0															
1.4	QPSK	3	3	20.90	21.00	20.92																	
1.4	QPSK	6	0	20.93	21.00	20.85	22	0															
1.4	16QAM	1	0	20.80	20.92	20.84																	
1.4	16QAM	1	3	20.83	20.97	20.78	22	0															
1.4	16QAM	1	5	20.77	20.86	20.78																	
1.4	16QAM	3	0	20.82	20.90	20.91	22	0															
1.4	16QAM	3	1	20.87	20.67	20.75																	
1.4	64QAM	3	1	20.66	20.85	20.84	22	0															
1.4	64QAM	3	3	20.82	20.70	20.74																	
1.4	64QAM	3	5	20.76	20.67	20.75	22	0															
1.4	64QAM	3	1	20.66	20.85	20.84																	
1.4	64QAM	3	3	20.82	20.70	20.74	21.5	0.5															
1.4	64QAM	6	0	20.55	20.35	20.35																	

Band 4_Ant 2												
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	21.80	21.88	21.83	23	0				
20	QPSK	1	49	21.70	21.80	21.77						
20	QPSK	1	99	21.75	21.81	21.72						
20	QPSK	50	0	21.66	21.81	21.79	23	0				
20	QPSK	50	24	21.59	21.66	21.63						
20	QPSK	50	50	21.63	21.71	21.60						
20	QPSK	100	0	21.62	21.80	21.78	23	0				
20	16QAM	1	0	21.73	21.75	21.73						
20	16QAM	1	49	21.67	21.73	21.70						
20	16QAM	1	99	21.74	21.75	21.81	22.5	0.5				
20	16QAM	50	0	21.14	21.18	21.25						
20	16QAM	50	24	21.15	21.27	21.29						
20	16QAM	50	50	21.14	21.30	21.22	22.5	0.5				
20	16QAM	100	0	21.23	21.32	21.33						
20	64QAM	1	0	20.95	21.00	21.12						
20	64QAM	1	49	21.19	20.96	21.16	22.5	0.5				
20	64QAM	1	99	21.08	21.16	21.18						
20	64QAM	50	0	20.02	20.15	20.30						
20	64QAM	50	24	20.19	20.30	20.32	21.5	1.5				
20	64QAM	50	50	20.21	20.22	20.32						
20	64QAM	100	0	20.10	20.42	20.28						
Channel							20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)							1717.5	1732.5	1747.5			
15	QPSK	1	0	21.72	21.87	21.82	23	0				
15	QPSK	1	37	21.60	21.69	21.67						
15	QPSK	1	74	21.61	21.73	21.61						
15	QPSK	36	0	21.58	21.72	21.75	23	0				
15	QPSK	36	20	21.57	21.54	21.55						
15	QPSK	36	39	21.60	21.57	21.51						
15	QPSK	75	0	21.61	21.73	21.76	23	0				
15	16QAM	1	0	21.64	21.73	21.65						
15	16QAM	1	37	21.53	21.67	21.58						
15	16QAM	1	74	21.65	21.67	21.58	22.5	0.5				
15	16QAM	36	0	21.01	21.06	21.15						
15	16QAM	36	20	21.10	21.17	21.24						
15	16QAM	36	39	21.08	21.20	21.11	22.5	0.5				
15	16QAM	75	0	21.13	21.22	21.26						
15	64QAM	1	0	20.88	20.92	21.02						
15	64QAM	1	37	21.06	20.89	21.10	22.5	0.5				
15	64QAM	1	74	20.99	21.07	21.05						
15	64QAM	36	0	19.91	20.06	20.25						
15	64QAM	36	20	20.04	20.19	20.18	21.5	1.5				
15	64QAM	36	39	20.11	20.11	20.18						
15	64QAM	75	0	19.98	20.28	20.18						
Channel							20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)							1715	1732.5	1750			
10	QPSK	1	0	21.68	21.73	21.75	23	0				
10	QPSK	1	25	21.55	21.74	21.63						
10	QPSK	1	49	21.70	21.76	21.65						
10	QPSK	25	0	21.56	21.67	21.68	23	0				
10	QPSK	25	12	21.47	21.60	21.62						
10	QPSK	25	25	21.51	21.69	21.53						
10	QPSK	50	0	21.61	21.77	21.71	23	0				
10	16QAM	1	0	21.60	21.69	21.60						
10	16QAM	1	25	21.66	21.69	21.58						
10	16QAM	1	49	21.62	21.71	21.54	22.5	0.5				
10	16QAM	25	0	21.09	21.05	21.10						
10	16QAM	25	12	21.09	21.17	21.22						
10	16QAM	25	25	21.02	21.20	21.09	22.5	0.5				
10	16QAM	50	0	21.12	21.18	21.22						
10	64QAM	1	0	20.86	20.94	21.06						
10	64QAM	1	25	21.06	20.81	21.10	22.5	0.5				
10	64QAM	1	49	21.03	21.03	21.03						
10	64QAM	25	0	19.96	20.19	20.15						
10	64QAM	25	12	20.08	20.16	20.17	21.5	1.5				
10	64QAM	25	25	20.11	20.15	20.23						
10	64QAM	50	0	20.05	20.35	20.21						
Channel							19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)							1712.5	1732.5	1752.5			
5	QPSK	1	0	21.72	21.73	21.79	23	0				
5	QPSK	1	12	21.65	21.68	21.73						
5	QPSK	1	24	21.70	21.70	21.62						
5	QPSK	12	0	21.58	21.78	21.67	23	0				
5	QPSK	12	7	21.48	21.56	21.51						
5	QPSK	12	13	21.51	21.57	21.59						
5	QPSK	25	0	21.61	21.75	21.66	23	0				
5	16QAM	1	0	21.72	21.65	21.69						
5	16QAM	1	12	21.52	21.69	21.69						
5	16QAM	1	24	21.61	21.68	21.59	22.5	0.5				
5	16QAM	12	0	21.03	21.11	21.16						
5	16QAM	12	7	21.02	21.14	21.19						
5	16QAM	12	13	21.06	21.20	21.18	22.5	0.5				
5	16QAM	25	0	21.14	21.20	21.18						
5	64QAM	1	0	20.86	20.88	21.02						
5	64QAM	1	12	21.04	20.85	21.09	22.5	0.5				
5	64QAM	1	24	21.01	21.06	21.03						
5	64QAM	12	0	19.93	20.10	20.20						
5	64QAM	12	7	20.14	20.20	20.17	21.5	1.5				
5	64QAM	12	13	20.16	20.10	20.26						
5	64QAM	25	0	19.97	20.29	20.18						
Channel							19950	20175	20395	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)							1711.5	1732.5	1753.5			
3	QPSK	1	0	21.77	21.87	21.74	23	0				
3	QPSK	1	8	21.64	21.78	21.65						
3	QPSK	1	14	21.64	21.79	21.63						
3	QPSK	8	0	21.56	21.69	21.70	23	0				
3	QPSK	8	4	21.47	21.52	21.51						
3	QPSK	8	7	21.54	21.66	21.49						
3	QPSK	15	0	21.50	21.69	21.70	23	0				
3	16QAM	1	0	21.70	21.65	21.67						
3	16QAM	1	8	21.66	21.67	21.55						
3	16QAM	1	14	21.66	21.64	21.59	22.5	0.5				
3	16QAM	8	0	21.04	21.03	21.14						
3	16QAM	8	4	21.09	21.22	21.24						
3	16QAM	8	7	21.03	21.20	21.15	22.5	0.5				
3	16QAM	15	0	21.09	21.19	21.23						
3	64QAM	1	0	20.86	20.88	21.02						
3	64QAM	1	8	21.04	20.81	21.08	22.5	0.5				
3	64QAM	1	14	21.06	21.04	21.12						
3	64QAM	8	0	21.04	21.03	21.14						
3	64QAM	8	4	21.09	21.22	21.24	22.5	0.5				
3	64QAM	8	7	21.03	21.20	21.15						
3	64QAM	15	0	21.09	21.19	21.23						
3	64QAM	15	8	21.14	21.20	21.23	22.5	0.5				
3	64QAM	15	14	21.08	21.07	21.11						
3	64QAM	8	0	19.97	20.03	20.16						
3	64QAM	8	4	20.13	20.21	20.25	21.5	1.5				
3	64QAM	8	7	20.08	20.08	20.21						
3	64QAM	15	0	19.95	20.34	20.15						
Channel							19950	20175	20395	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)							1710.7	1722.5	1734.3			
1.4	QPSK	1	0	21.69	21.81	21.78	23	0				
1.4	QPSK	1	3	21.65	21.73	21.69						
1.4	QPSK	1	5	21.68	21.77	21.67						
1.4	QPSK	3	0	21.73	21.87	21.68	23	0				
1.4	QPSK	3	1	21.61	21.70	21.57						
1.4	QPSK	3	3	21.65	21.80	21.73						
1.4	QPSK	6	0	21.56	21.71	21.74	23	0				
1.4	16QAM	1	0	21.52	21.56	21.60						
1.4	16QAM	1	3	21.51	21.57	21.56						
1.4	16QAM	1	5	21.50	21.79	21.64	23	0				
1.4	16QAM	3	0	21.64	21.66	21.61						
1.4	16QAM	3	1	21.61	21.62	21.57						
1.4	16QAM	3	1	21.50	21.79	21.68	22.5	0.5				
1.4	16QAM	6	0	21.09	21.20	21.22						
1.4	64QAM	1	0	20.80	20.89	20.97						
1.4	64QAM	1	3	21.09	20.83	21.10	22.5	0.5				
1.4	64QAM	1	5	20.95	21.11	21.09						
1.4	64QAM	3	0	20.71	20.81	20.85						
1.4	64QAM	3	1	21.01	20.80	20.93	21.5	1.5				
1.4	64QAM	3	3	20.86	20.98	20.95						
1.4	64QAM	6	0	19.99	20.36	20.14						

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				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.17	23.20	23.15	25	0		
10	QPSK	1	25	24.16	24.11	24.08				
10	QPSK	1	49	24.07	23.98	23.93				
10	QPSK	25	0	23.15	23.16	23.12				
10	QPSK	25	12	23.12	23.13	23.10				
10	QPSK	25	25	23.10	23.12	23.07	24	1		
10	QPSK	50	0	23.08	23.10	23.02				
10	16QAM	1	0	23.32	23.11	23.15				
10	16QAM	1	25	23.37	23.14	23.20				
10	16QAM	1	49	23.07	23.02	23.11				
10	16QAM	25	0	22.19	22.12	21.98	23	2		
10	16QAM	25	12	22.24	22.15	22.18				
10	16QAM	25	25	22.12	22.06	22.07				
10	16QAM	50	0	22.14	22.11	22.04				
10	64QAM	1	0	22.49	22.27	22.11				
10	64QAM	1	25	22.38	22.27	22.41	23	2		
10	64QAM	1	49	22.25	22.23	22.14				
10	64QAM	25	0	21.26	21.00	21.04				
10	64QAM	25	12	21.28	21.14	21.15				
10	64QAM	25	25	21.10	20.99	21.05				
10	64QAM	50	0	21.05	21.15	21.10	22	3		
Channel				20425	20525	20625				
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	24.02	24.13	24.05	25	0		
5	QPSK	1	12	24.08	24.02	23.95				
5	QPSK	1	24	23.94	23.84	23.78				
5	QPSK	12	0	23.04	23.02	23.00				
5	QPSK	12	7	23.00	23.01	23.00				
5	QPSK	12	13	23.03	23.07	22.99	24	1		
5	QPSK	25	0	22.97	23.02	22.95				
5	16QAM	1	0	23.24	23.05	23.05				
5	16QAM	1	12	23.25	23.05	23.11				
5	16QAM	1	24	22.99	22.94	23.05				
5	16QAM	12	0	22.07	22.02	21.87	23	2		
5	16QAM	12	7	22.14	22.04	22.06				
5	16QAM	12	13	21.99	22.01	21.97				
5	16QAM	25	0	22.02	21.99	21.91				
5	64QAM	1	0	22.40	22.15	21.96				
5	64QAM	1	12	22.27	22.14	22.31	23	2		
5	64QAM	1	24	22.13	22.13	22.02				
5	64QAM	12	0	21.20	20.89	20.90				
5	64QAM	12	7	21.20	21.07	21.06				
5	64QAM	12	13	21.00	20.87	20.92				
5	64QAM	25	0	20.91	21.00	21.03	22	3		
Channel				20415	20525	20635				
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	24.10	24.07	24.08	25	0		
3	QPSK	1	8	24.09	24.01	23.96				
3	QPSK	1	14	23.95	23.87	23.84				
3	QPSK	8	0	23.08	23.06	23.03				
3	QPSK	8	4	23.07	23.04	23.05				
3	QPSK	8	7	23.02	22.97	23.02	24	1		
3	QPSK	15	0	22.98	23.00	22.96				
3	16QAM	1	0	23.19	23.00	23.03				
3	16QAM	1	8	23.32	23.06	23.05				
3	16QAM	1	14	22.99	22.97	23.00				
3	16QAM	8	0	22.05	21.97	21.87	23	2		
3	16QAM	8	4	22.09	22.01	22.09				
3	16QAM	8	7	22.01	21.95	21.95				
3	16QAM	15	0	21.99	21.97	21.92				
3	64QAM	1	0	22.35	22.17	22.03				
3	64QAM	1	8	22.28	22.22	22.33	23	2		
3	64QAM	1	14	22.17	22.10	21.99				
3	64QAM	8	0	21.21	20.87	20.95				
3	64QAM	8	4	21.13	21.09	21.06				
3	64QAM	8	7	21.01	20.84	20.90				
3	64QAM	15	0	20.92	21.00	21.00	22	3		
Channel				20407	20525	20643				
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	24.08	24.11	24.09	25	0		
1.4	QPSK	1	3	24.06	23.99	23.98				
1.4	QPSK	1	5	23.97	23.90	23.80				
1.4	QPSK	3	0	24.07	24.06	24.09				
1.4	QPSK	3	1	24.06	23.99	24.01				
1.4	QPSK	3	3	23.94	23.93	23.83	24	1		
1.4	QPSK	6	0	22.93	23.04	22.92				
1.4	16QAM	1	0	23.27	23.98	23.05				
1.4	16QAM	1	3	23.23	23.02	23.11				
1.4	16QAM	1	5	22.95	22.90	23.01				
1.4	16QAM	3	0	23.17	22.92	22.99	24	1		
1.4	16QAM	3	1	23.09	22.89	22.97				
1.4	16QAM	3	3	22.81	22.83	22.93				
1.4	16QAM	6	0	22.04	21.98	21.99				
1.4	64QAM	1	0	22.32	22.06	21.90				
1.4	64QAM	1	3	22.17	22.10	22.14	23	2		
1.4	64QAM	1	5	22.09	21.95	21.88				
1.4	64QAM	3	0	22.33	22.06	21.85				
1.4	64QAM	3	1	22.13	22.02	22.24				
1.4	64QAM	3	3	21.99	21.97	21.93				
1.4	64QAM	6	0	20.90	21.02	20.98	22	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						
Frequency (MHz)				829	836.5	844						
10	QPSK	1	0	24.12	24.15	24.11	25	0				
10	QPSK	1	25	24.07	24.10	24.01						
10	QPSK	1	49	23.96	23.99	23.86						
10	QPSK	25	0	23.05	23.08	23.07						
10	QPSK	25	12	23.03	23.04	23.01						
10	QPSK	25	25	23.02	23.07	22.97	24	1				
10	QPSK	50	0	23.15	23.16	23.07						
10	16QAM	1	0	23.18	23.36	23.48						
10	16QAM	1	25	23.32	23.42	23.37						
10	16QAM	1	49	23.39	23.38	23.38						
10	16QAM	25	0	22.10	22.05	22.11	23	2				
10	16QAM	25	12	22.21	21.99	22.11						
10	16QAM	25	25	22.19	21.97	22.12						
10	16QAM	50	0	22.11	22.04	21.95						
10	64QAM	1	0	22.12	22.30	22.46						
10	64QAM	1	25	22.34	22.25	22.30	23	2				
10	64QAM	1	49	22.18	22.20	22.33						
10	64QAM	25	0	21.14	21.10	21.06						
10	64QAM	25	12	21.14	21.01	20.96						
10	64QAM	25	25	21.06	21.12	21.01						
10	64QAM	50	0	21.04	21.06	21.05	22	3				
Channel				20425	20525	20625						
Frequency (MHz)				826.5	836.5	846.5						
5	QPSK	1	0	24.00	24.02	24.02			25	0		
5	QPSK	1	12	23.93	23.99	23.93						
5	QPSK	1	24	23.91	23.90	23.77						
5	QPSK	12	0	22.90	23.00	22.93						
5	QPSK	12	7	22.88	22.89	22.90						
5	QPSK	12	13	22.95	22.94	22.86	24	1				
5	QPSK	25	0	23.09	23.07	23.02						
5	16QAM	1	0	23.05	23.26	23.39						
5	16QAM	1	12	23.27	23.34	23.28						
5	16QAM	1	24	23.27	23.25	23.25						
5	16QAM	12	0	21.96	21.99	22.01	23	2				
5	16QAM	12	7	22.14	21.90	22.21						
5	16QAM	12	13	22.06	21.98	22.02						
5	16QAM	25	0	22.04	21.93	21.82						
5	64QAM	1	0	22.91	22.91	22.35						
5	64QAM	1	12	22.25	22.13	22.16	23	2				
5	64QAM	1	24	22.07	22.11	22.18						
5	64QAM	12	0	21.08	21.02	20.97						
5	64QAM	12	7	21.01	20.93	20.91						
5	64QAM	12	13	21.00	21.02	20.94						
5	64QAM	25	0	20.92	20.92	20.90	22	3				
Channel				20415	20525	20635						
Frequency (MHz)				825.5	836.5	847.5						
3	QPSK	1	0	24.04	24.10	24.02			25	0		
3	QPSK	1	8	23.94	24.01	23.87						
3	QPSK	1	14	23.85	23.92	23.79						
3	QPSK	8	0	22.96	23.02	23.02						
3	QPSK	8	4	22.95	22.96	22.94						
3	QPSK	8	8	22.95	22.95	22.92	24	1				
3	QPSK	15	0	23.10	23.01	22.95						
3	16QAM	1	0	23.09	23.21	23.40						
3	16QAM	1	8	23.21	23.34	23.23						
3	16QAM	1	14	23.30	23.24	23.25						
3	16QAM	8	0	22.02	22.01	22.01	23	2				
3	16QAM	8	4	22.07	21.92	22.01						
3	16QAM	8	7	22.05	21.89	22.02						
3	16QAM	15	0	21.97	21.96	21.80						
3	64QAM	1	0	22.04	22.17	22.41						
3	64QAM	1	8	22.23	22.20	22.23	23	2				
3	64QAM	1	14	22.29	22.22	22.22						
3	64QAM	8	0	21.09	21.05	20.97						
3	64QAM	8	4	21.08	20.95	20.88						
3	64QAM	8	7	21.01	21.01	20.95						
3	64QAM	15	0	20.96	20.94	20.98	22	3				
Channel				20407	20525	20643						
Frequency (MHz)				824.7	836.5	848.3						
1.4	QPSK	1	0	23.99	24.00	24.00			25	0		
1.4	QPSK	1	0	23.99	24.00	24.03						
1.4	QPSK	1	5	23.88	23.92	23.71						
1.4	QPSK	3	0	23.90	23.92	23.97						
1.4	QPSK	3	1	23.84	23.94	23.89						
1.4	QPSK	3	3	23.75	23.86	23.59	24	1				
1.4	QPSK	6	0	23.05	23.08	22.97						
1.4	16QAM	1	0	23.21	23.21	23.42						
1.4	16QAM	1	3	23.25	23.30	23.28						
1.4	16QAM	1	5	23.31	23.29	23.31						
1.4	16QAM	3	0	22.92	23.06	23.28	24	1				
1.4	16QAM	3	1	23.18	23.20	23.18						
1.4	16QAM	3	3	23.24	23.22	23.24						
1.4	16QAM	6	0	21.98	21.96	21.83						
1.4	64QAM	1	0	22.01	22.17	22.40						
1.4	64QAM	1	3	22.26	22.13	22.25	23	2				
1.4	64QAM	1	5	22.03	22.08	22.22						
1.4	64QAM	3	0	21.89	22.06	22.32						
1.4	64QAM	3	1	22.12	22.01	22.15						
1.4	64QAM	6	0	21.98	21.94	21.11						
1.4	64QAM	6	0	20.92	20.93	21.00	22	2				

Band 7_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				2510	2535	2560				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	19.70	19.79	19.85	20.5	0		
20	QPSK	1	49	19.61	19.75	19.54				
20	QPSK	1	99	19.57	19.70	19.50				
20	QPSK	50	0	19.66	19.76	19.69				
20	QPSK	50	24	19.60	19.72	19.64	20.5	0		
20	QPSK	50	50	19.60	19.65	19.57				
20	QPSK	100	0	19.59	19.62	19.60				
20	16QAM	1	0	19.51	19.65	19.63				
20	16QAM	1	49	19.65	19.56	19.71	20.5	0		
20	16QAM	1	99	19.54	19.64	19.70				
20	16QAM	50	0	19.61	19.69	19.59				
20	16QAM	50	24	19.59	19.70	19.65				
20	16QAM	50	50	19.67	19.63	19.58	20.5	0		
20	16QAM	100	0	19.71	19.71	19.59				
20	64QAM	1	0	19.56	19.75	19.60				
20	64QAM	1	49	19.60	19.68	19.69				
20	64QAM	1	99	19.57	19.61	19.65	20.5	0		
20	64QAM	50	0	19.61	19.71	19.50				
20	64QAM	50	24	19.43	19.60	19.61				
20	64QAM	50	50	19.64	19.54	19.45				
20	64QAM	100	0	19.50	19.57	19.58				
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	19.68	19.75	19.55	20.5	0		
15	QPSK	1	37	19.57	19.69	19.52				
15	QPSK	1	74	19.50	19.62	19.46				
15	QPSK	36	0	19.60	19.63	19.55				
15	QPSK	36	20	19.55	19.57	19.63	20.5	0		
15	QPSK	36	39	19.45	19.56	19.54				
15	QPSK	75	0	19.50	19.47	19.53				
15	16QAM	1	0	19.38	19.64	19.54				
15	16QAM	1	37	19.52	19.43	19.62	20.5	0		
15	16QAM	1	74	19.46	19.58	19.61				
15	16QAM	36	0	19.50	19.54	19.51				
15	16QAM	36	20	19.54	19.68	19.62				
15	16QAM	36	39	19.55	19.53	19.52	20.5	0		
15	16QAM	75	0	19.61	19.57	19.47				
15	64QAM	1	0	19.46	19.67	19.53				
15	64QAM	1	37	19.46	19.57	19.54				
15	64QAM	1	74	19.47	19.55	19.52	20.5	0		
15	64QAM	36	0	19.56	19.69	19.45				
15	64QAM	36	20	19.37	19.50	19.56				
15	64QAM	36	39	19.50	19.50	19.39				
15	64QAM	75	0	19.38	19.45	19.50				
Channel				20900	21100	21400	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	19.55	19.78	19.62	20.5	0		
10	QPSK	1	25	19.55	19.67	19.47				
10	QPSK	1	49	19.45	19.57	19.37				
10	QPSK	25	0	19.62	19.75	19.61				
10	QPSK	25	12	19.54	19.60	19.63	20.5	0		
10	QPSK	25	25	19.59	19.56	19.40				
10	QPSK	50	0	19.52	19.52	19.51				
10	16QAM	1	0	19.45	19.63	19.59				
10	16QAM	1	25	19.58	19.51	19.67	20.5	0		
10	16QAM	1	49	19.43	19.49	19.55				
10	16QAM	25	0	19.59	19.61	19.50				
10	16QAM	25	12	19.44	19.68	19.60				
10	16QAM	25	25	19.58	19.62	19.48	20.5	0		
10	16QAM	50	0	19.63	19.57	19.45				
10	64QAM	1	0	19.49	19.65	19.55				
10	64QAM	1	25	19.51	19.57	19.61				
10	64QAM	1	49	19.54	19.50	19.54	20.5	0		
10	64QAM	25	0	19.51	19.60	19.45				
10	64QAM	25	12	19.29	19.53	19.58				
10	64QAM	25	25	19.63	19.53	19.42				
10	64QAM	50	0	19.38	19.49	19.45				
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	19.56	19.64	19.64	20.5	0		
5	QPSK	1	12	19.57	19.72	19.42				
5	QPSK	1	24	19.42	19.65	19.42				
5	QPSK	12	0	19.52	19.73	19.59				
5	QPSK	12	7	19.47	19.67	19.49	20.5	0		
5	QPSK	12	13	19.48	19.53	19.47				
5	QPSK	25	0	19.51	19.60	19.47				
5	16QAM	1	0	19.48	19.61	19.58				
5	16QAM	1	12	19.53	19.48	19.69	20.5	0		
5	16QAM	1	24	19.47	19.52	19.61				
5	16QAM	12	0	19.60	19.61	19.52				
5	16QAM	12	7	19.48	19.55	19.59				
5	16QAM	12	13	19.58	19.54	19.47	20.5	0		
5	16QAM	25	0	19.66	19.66	19.47				
5	64QAM	1	0	19.41	19.73	19.59				
5	64QAM	1	12	19.52	19.56	19.68				
5	64QAM	1	24	19.54	19.48	19.57	20.5	0		
5	64QAM	12	0	19.59	19.68	19.35				
5	64QAM	12	7	19.28	19.45	19.51				
5	64QAM	12	13	19.61	19.51	19.32				
5	64QAM	25	0	19.45	19.47	19.43				

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	18.62	18.70	18.65	19	0				
20	QPSK	1	49	18.46	18.56	18.56						
20	QPSK	1	99	18.47	18.68	18.58						
20	QPSK	50	0	18.63	18.67	18.56						
20	QPSK	50	24	18.54	18.65	18.50	19	0				
20	QPSK	50	50	18.52	18.52	18.50						
20	QPSK	100	0	18.45	18.50	18.54						
20	16QAM	1	0	18.66	18.51	18.53						
20	16QAM	1	49	18.51	18.66	18.61	19	0				
20	16QAM	1	99	18.58	18.59	18.49						
20	16QAM	50	0	18.63	18.64	18.53						
20	16QAM	50	24	18.52	18.49	18.52						
20	16QAM	50	50	18.54	18.66	18.48	19	0				
20	16QAM	100	0	18.58	18.68	18.44						
20	64QAM	1	0	18.46	18.63	18.60						
20	64QAM	1	49	18.49	18.66	18.47						
20	64QAM	1	99	18.66	18.60	18.50	19	0				
20	64QAM	50	0	18.67	18.62	18.54						
20	64QAM	50	24	18.43	18.65	18.63						
20	64QAM	50	50	18.49	18.69	18.46						
20	64QAM	100	0	18.55	18.60	18.56	19	0				
Channel				20825	21100	21375						
Frequency (MHz)				2507.5	2535	2562.5						
15	QPSK	1	0	18.61	18.62	18.55			19	0		
15	QPSK	1	37	18.33	18.51	18.44						
15	QPSK	1	74	18.31	18.52	18.56						
15	QPSK	36	0	18.57	18.62	18.48						
15	QPSK	36	20	18.44	18.60	18.39	19	0				
15	QPSK	36	39	18.51	18.43	18.44						
15	QPSK	75	0	18.34	18.51	18.41						
15	16QAM	1	0	18.52	18.50	18.41						
15	16QAM	1	37	18.29	18.56	18.58	19	0				
15	16QAM	1	74	18.45	18.53	18.39						
15	16QAM	36	0	18.51	18.51	18.52						
15	16QAM	36	20	18.47	18.44	18.49						
15	16QAM	39	39	18.47	18.58	18.42	19	0				
15	16QAM	75	0	18.51	18.61	18.34						
15	64QAM	1	1	18.31	18.42	18.45						
15	64QAM	1	37	18.47	18.47	18.46						
15	64QAM	1	74	18.60	18.58	18.47	19	0				
15	64QAM	36	0	18.63	18.61	18.60						
15	64QAM	36	20	18.38	18.61	18.41						
15	64QAM	39	39	18.38	18.49	18.29						
15	64QAM	75	0	18.31	18.43	18.47	19	0				
Channel				20800	21100	21420						
Frequency (MHz)				2505	2535	2565						
10	QPSK	1	0	18.55	18.63	18.64			19	0		
10	QPSK	1	25	18.41	18.55	18.44						
10	QPSK	1	49	18.44	18.64	18.55						
10	QPSK	25	0	18.49	18.52	18.42						
10	QPSK	25	12	18.47	18.52	18.49	19	0				
10	QPSK	25	25	18.43	18.43	18.42						
10	QPSK	50	0	18.40	18.44	18.46						
10	16QAM	1	0	18.52	18.44	18.49						
10	16QAM	1	25	18.39	18.61	18.41	19	0				
10	16QAM	1	49	18.56	18.50	18.41						
10	16QAM	25	0	18.51	18.52	18.46						
10	16QAM	25	12	18.49	18.39	18.51						
10	16QAM	25	25	18.46	18.59	18.35	19	0				
10	16QAM	50	0	18.49	18.60	18.39						
10	64QAM	1	0	18.47	18.51	18.50						
10	64QAM	1	25	18.46	18.59	18.43						
10	64QAM	1	49	18.49	18.53	18.44	19	0				
10	64QAM	25	0	18.64	18.58	18.49						
10	64QAM	25	12	18.33	18.58	18.57						
10	64QAM	25	25	18.45	18.51	18.31						
10	64QAM	50	0	18.46	18.66	18.52	19	0				
Channel				20775	21100	21425						
Frequency (MHz)				2502.5	2535	2567.5						
5	QPSK	1	0	18.48	18.66	18.58			19	0		
5	QPSK	1	12	18.41	18.44	18.54						
5	QPSK	1	24	18.41	18.65	18.51						
5	QPSK	12	0	18.46	18.56	18.45						
5	QPSK	12	7	18.52	18.61	18.36	19	0				
5	QPSK	12	13	18.42	18.44	18.49						
5	QPSK	25	0	18.35	18.51	18.41						
5	64QAM	1	0	18.43	18.49	18.38						
5	16QAM	1	12	18.49	18.55	18.49	19	0				
5	16QAM	1	24	18.50	18.47	18.43						
5	16QAM	12	0	18.60	18.54	18.47						
5	16QAM	12	7	18.42	18.35	18.31						
5	16QAM	25	0	18.43	18.55	18.46	19	0				
5	64QAM	1	1	18.36	18.61	18.46						
5	64QAM	1	12	18.34	18.55	18.44						
5	64QAM	12	0	18.52	18.46	18.46						
5	64QAM	12	7	18.42	18.55	18.51	19	0				
5	64QAM	12	13	18.45	18.36	18.38						
5	64QAM	25	0	18.45	18.65	18.38						
5	64QAM	25	0	18.45	18.65	18.31						

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				
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	24.08	24.15	24.06	25	0		
10	QPSK	1	25	24.07	24.13	24.00				
10	QPSK	1	49	24.02	23.96	23.87				
10	QPSK	25	0	23.10	23.12	23.06				
10	QPSK	25	12	23.02	23.09	23.02				
10	QPSK	25	25	23.06	23.06	23.03	24	1		
10	QPSK	50	0	23.09	23.10	23.07				
10	16QAM	1	0	23.41	23.48	23.17				
10	16QAM	1	25	23.20	23.30	23.10				
10	16QAM	1	49	23.21	23.35	23.24				
10	16QAM	25	0	22.17	22.03	22.08	23	2		
10	16QAM	25	12	22.19	22.05	22.00				
10	16QAM	25	25	22.10	22.04	22.14				
10	16QAM	50	0	22.08	22.12	21.98				
10	64QAM	1	0	22.12	22.40	22.37				
10	64QAM	1	25	22.15	22.30	22.40	23	2		
10	64QAM	1	49	22.10	22.41	22.42				
10	64QAM	25	0	21.14	21.01	20.96				
10	64QAM	25	12	21.20	21.03	21.00				
10	64QAM	25	25	21.09	21.11	21.08				
10	64QAM	50	0	21.18	21.05	20.93	22	3		
Channel				23035	23095	23155				
Frequency (MHz)				701.5	707.5	713.5				
5	QPSK	1	0	23.99	24.06	23.94	25	0		
5	QPSK	1	12	23.98	24.01	23.91				
5	QPSK	1	24	23.97	23.88	23.74				
5	QPSK	12	0	23.00	23.04	22.91				
5	QPSK	12	7	22.94	22.98	22.92				
5	QPSK	12	13	22.95	23.00	22.95	24	1		
5	QPSK	25	0	23.03	23.01	23.02				
5	16QAM	1	0	23.28	23.43	23.94				
5	16QAM	1	12	23.07	23.18	23.00				
5	16QAM	1	24	23.19	23.22	23.11				
5	16QAM	12	0	22.08	21.93	22.00	23	2		
5	16QAM	12	7	22.12	21.98	21.92				
5	16QAM	12	13	22.04	21.99	22.01				
5	16QAM	25	0	22.02	21.97	21.85				
5	64QAM	1	0	21.97	22.30	22.27				
5	64QAM	1	12	22.10	22.22	22.33	23	2		
5	64QAM	1	24	22.04	22.31	22.33				
5	64QAM	12	0	21.03	20.88	20.89				
5	64QAM	12	7	21.13	20.94	20.93				
5	64QAM	12	13	20.98	21.06	21.03				
5	64QAM	25	0	21.07	20.93	20.79	22	3		
Channel				23025	23095	23165				
Frequency (MHz)				700.5	707.5	714.5				
3	QPSK	1	0	23.96	24.03	23.98	25	0		
3	QPSK	1	8	23.94	24.01	23.92				
3	QPSK	1	14	23.94	23.85	23.73				
3	QPSK	8	0	23.05	23.00	22.94				
3	QPSK	8	4	22.93	23.03	22.86				
3	QPSK	8	7	23.01	22.96	22.93	24	1		
3	QPSK	15	0	22.95	23.01	22.97				
3	16QAM	1	0	23.29	23.34	23.10				
3	16QAM	1	8	23.08	23.24	22.95				
3	16QAM	1	14	23.16	23.29	23.17				
3	16QAM	8	0	22.04	21.94	21.99	23	2		
3	16QAM	8	4	22.11	21.99	21.93				
3	16QAM	8	7	21.99	21.95	22.06				
3	16QAM	15	0	22.02	22.05	21.86				
3	64QAM	1	0	21.97	22.35	22.22				
3	64QAM	1	8	22.10	22.23	22.30	23	2		
3	64QAM	1	14	22.03	22.30	22.31				
3	64QAM	8	0	21.01	20.94	20.83				
3	64QAM	8	4	21.07	20.88	20.93				
3	64QAM	8	7	20.94	21.05	20.95				
3	64QAM	15	0	21.10	20.97	20.80	22	3		
Channel				23017	23095	23173				
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	24.03	24.00	23.96	25	0		
1.4	QPSK	1	3	24.00	23.99	23.90				
1.4	QPSK	1	5	23.99	23.93	23.82				
1.4	QPSK	3	0	23.92	23.86	23.84				
1.4	QPSK	3	1	23.93	23.90	23.82				
1.4	QPSK	3	3	23.74	23.71	23.67	24	1		
1.4	QPSK	6	0	23.03	23.01	22.96				
1.4	16QAM	1	0	23.34	23.33	23.05				
1.4	16QAM	1	3	23.05	23.17	23.02				
1.4	16QAM	1	5	23.22	23.21	23.19				
1.4	16QAM	3	0	23.28	23.18	22.97	24	1		
1.4	16QAM	3	1	22.97	23.07	22.89				
1.4	16QAM	3	3	23.15	23.10	23.04				
1.4	16QAM	6	0	21.99	21.99	21.84				
1.4	64QAM	1	0	21.87	22.27	22.25				
1.4	64QAM	1	3	21.87	22.11	22.25	23	2		
1.4	64QAM	1	5	21.90	22.30	22.24				
1.4	64QAM	3	0	21.84	22.19	22.25				
1.4	64QAM	3	1	21.94	22.14	22.27				
1.4	64QAM	3	3	21.97	22.23	22.27				
1.4	64QAM	6	0	21.06	20.91	20.81	22	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				709	710	711						
Frequency (MHz)				23780	23790	23800						
10	QPSK	1	0	24.01	24.11	24.03	25	0				
10	QPSK	1	25	23.95	24.10	23.90						
10	QPSK	1	49	23.87	23.98	23.84						
10	QPSK	25	0	23.09	23.10	23.04						
10	QPSK	25	12	22.95	22.94	23.03						
10	QPSK	25	25	22.95	22.98	22.99	24	1				
10	QPSK	50	0	22.95	23.03	22.93						
10	16QAM	1	0	23.24	23.01	23.24						
10	16QAM	1	25	23.13	23.05	23.08						
10	16QAM	1	49	23.25	23.03	23.04						
10	16QAM	25	0	21.99	22.02	21.95	23	2				
10	16QAM	25	12	22.09	21.91	21.84						
10	16QAM	25	25	21.86	22.13	21.97						
10	16QAM	50	0	22.06	21.86	21.88						
10	64QAM	1	0	22.11	21.90	22.09						
10	64QAM	1	25	22.04	22.10	22.20	23	2				
10	64QAM	1	49	22.26	22.05	22.03						
10	64QAM	25	0	20.81	20.92	21.23						
10	64QAM	25	12	20.91	20.96	20.92						
10	64QAM	25	25	20.95	20.92	20.93						
10	64QAM	50	0	21.03	21.92	20.95	22	3				
Channel				23755	23790	23825						
Frequency (MHz)				706.5	710	713.5						
5	QPSK	1	0	23.91	23.92	23.96			24	1		
5	QPSK	1	12	23.78	23.89	23.77						
5	QPSK	1	24	23.78	23.89	23.75						
5	QPSK	12	0	22.91	22.88	22.97						
5	QPSK	12	7	22.96	22.89	22.85						
5	QPSK	12	13	22.86	22.91	22.88	23	2				
5	QPSK	25	0	22.83	22.84	22.80						
5	16QAM	1	0	23.05	22.87	23.12						
5	16QAM	1	12	23.07	22.90	23.04						
5	16QAM	1	24	23.16	22.91	23.07						
5	16QAM	12	0	22.92	21.96	21.84	23	2				
5	16QAM	12	7	22.02	21.84	21.89						
5	16QAM	12	13	21.84	21.97	21.93						
5	16QAM	25	0	21.92	21.76	21.83						
5	64QAM	1	0	21.98	21.81	21.86						
5	64QAM	1	12	21.97	22.05	21.84	23	2				
5	64QAM	1	24	22.15	21.97	22.19						
5	64QAM	12	0	20.77	20.77	20.84						
5	64QAM	12	7	20.87	20.92	20.82						
5	64QAM	12	13	21.03	20.90	20.78						
5	64QAM	25	0	20.79	20.79	20.85	22	3				

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							821.5	831.5	841.5	
Frequency (MHz)										
15	QPSK	1	0	23.16	23.21	23.18	25	0		
15	QPSK	1	37	23.90	23.89	23.86				
15	QPSK	1	74	23.84	23.79	23.81				
15	QPSK	36	0	23.10	23.12	23.02	24	1		
15	QPSK	36	20	23.09	22.95	22.95				
15	QPSK	36	39	23.06	23.06	22.99				
15	QPSK	75	0	23.08	23.10	22.84	24	1		
15	16QAM	1	0	23.27	23.39	23.31				
15	16QAM	1	37	23.32	23.28	23.41				
15	16QAM	1	74	23.33	23.25	23.30	23	2		
15	16QAM	36	0	22.00	22.06	21.86				
15	16QAM	36	20	22.06	21.94	21.97				
15	16QAM	36	39	22.14	21.96	22.03	23	2		
15	16QAM	75	0	22.18	21.94	22.02				
15	84QAM	1	0	22.24	21.85	21.90				
15	84QAM	1	37	22.16	22.25	22.10	23	2		
15	84QAM	1	74	22.18	21.87	21.93				
15	84QAM	36	0	20.93	21.04	21.12				
15	84QAM	36	20	21.12	20.94	21.15	22	3		
15	84QAM	36	39	21.07	21.15	21.14				
15	84QAM	75	0	21.06	21.00	21.07				
Channel							26740	26865	26990	
Frequency (MHz)							819	831.5	844	
10	QPSK	1	0	23.81	23.85	23.81	25	0		
10	QPSK	1	25	23.83	23.74	23.73				
10	QPSK	1	49	23.75	23.72	23.75				
10	QPSK	25	0	23.03	22.99	22.91	24	1		
10	QPSK	25	12	22.98	22.89	22.83				
10	QPSK	25	25	22.90	22.91	22.92				
10	QPSK	50	0	22.99	23.03	22.78	24	1		
10	16QAM	1	0	23.22	23.26	23.21				
10	16QAM	1	25	23.21	23.17	23.29				
10	16QAM	1	49	23.28	23.19	23.17	23	2		
10	16QAM	25	0	21.87	22.00	21.76				
10	16QAM	25	12	21.99	21.83	21.84				
10	16QAM	25	25	22.06	21.81	21.90	23	2		
10	16QAM	50	0	22.08	21.89	21.85				
10	84QAM	1	0	22.11	21.73	21.82				
10	84QAM	1	25	22.01	22.19	21.97	23	2		
10	84QAM	1	49	22.03	21.81	21.78				
10	84QAM	25	0	20.80	20.98	21.05				
10	84QAM	25	12	21.06	20.87	21.10	22	3		
10	84QAM	25	25	20.94	21.02	21.09				
10	84QAM	50	0	20.94	20.91	21.00				
Channel							26715	26865	27015	
Frequency (MHz)							816.5	831.5	846.5	
5	QPSK	1	0	23.83	23.88	23.82	25	0		
5	QPSK	1	12	23.84	23.83	23.81				
5	QPSK	1	24	23.70	23.64	23.73				
5	QPSK	12	0	22.97	23.05	22.94	24	1		
5	QPSK	12	7	22.95	22.81	22.86				
5	QPSK	12	13	22.93	22.97	22.92				
5	QPSK	25	0	23.02	22.97	22.72	24	1		
5	16QAM	1	0	23.22	23.29	23.26				
5	16QAM	1	12	23.20	23.19	23.33				
5	16QAM	1	24	23.18	23.18	23.15	23	2		
5	16QAM	12	0	21.92	21.94	21.77				
5	16QAM	12	7	21.97	21.85	21.84				
5	16QAM	12	13	22.02	21.84	21.98	23	2		
5	16QAM	25	0	22.08	21.86	21.94				
5	84QAM	1	0	22.12	21.71	21.76				
5	84QAM	1	12	22.07	22.16	21.97	23	2		
5	84QAM	1	24	22.12	21.80	21.85				
5	84QAM	12	0	20.79	20.86	20.86				
5	84QAM	12	7	21.04	20.82	21.10	22	3		
5	84QAM	12	13	20.92	21.09	21.02				
5	84QAM	25	0	21.00	20.86	21.01				
Channel							26705	26865	27025	
Frequency (MHz)							815.5	831.5	847.5	
3	QPSK	1	0	23.84	23.90	23.77	25	0		
3	QPSK	1	8	23.82	23.78	23.77				
3	QPSK	1	14	23.72	23.68	23.73				
3	QPSK	8	0	23.02	23.01	22.92	24	1		
3	QPSK	8	4	23.01	22.80	22.87				
3	QPSK	8	7	22.95	22.94	22.94				
3	QPSK	15	0	23.03	22.98	22.78	24	1		
3	16QAM	1	0	23.16	23.32	23.17				
3	16QAM	1	8	23.19	23.22	23.26				
3	16QAM	1	14	23.23	23.19	23.22	24	1		
3	16QAM	8	0	21.87	22.01	21.76				
3	16QAM	8	4	21.97	21.87	21.87				
3	16QAM	8	7	22.09	21.83	21.92	23	2		
3	16QAM	15	0	22.09	21.86	21.90				
3	84QAM	1	0	22.13	21.80	21.75				
3	84QAM	1	8	22.05	22.14	22.02	23	2		
3	84QAM	1	14	22.03	21.81	21.78				
3	84QAM	8	0	20.84	20.92	21.07				
3	84QAM	8	4	21.06	20.88	21.03	22	3		
3	84QAM	8	7	20.96	21.01	20.99				
3	84QAM	15	0	20.91	20.85	20.98				
Channel							26697	26865	27033	
Frequency (MHz)							814.7	831.5	848.3	
1.4	QPSK	1	0	23.81	23.94	23.74	25	0		
1.4	QPSK	1	3	23.76	23.77	23.74				
1.4	QPSK	1	5	23.75	23.64	23.69				
1.4	QPSK	3	0	23.72	23.83	23.59	24	1		
1.4	QPSK	3	1	23.68	23.62	23.61				
1.4	QPSK	3	3	23.70	23.54	23.56				
1.4	QPSK	6	0	23.03	22.96	22.72	24	1		
1.4	16QAM	1	0	23.16	23.33	23.21				
1.4	16QAM	1	3	23.18	23.23	23.35				
1.4	16QAM	1	5	23.23	23.14	23.24	24	1		
1.4	16QAM	3	0	23.09	23.28	23.10				
1.4	16QAM	3	1	23.06	23.16	23.25				
1.4	16QAM	6	0	22.13	21.86	21.89	23	2		
1.4	84QAM	1	0	22.01	21.63	21.65				
1.4	84QAM	1	3	22.00	22.03	21.92				
1.4	84QAM	1	5	22.01	21.73	21.81	23	2		
1.4	84QAM	3	0	22.03	21.64	21.70				
1.4	84QAM	3	1	22.01	22.03	21.92				
1.4	84QAM	3	3	21.95	21.70	21.72	22	3		
1.4	84QAM	6	0	20.91	20.91	20.98				

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Band 66_Ant 3											
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	20.62	20.97	20.94	22	0			
20	QPSK	1	49	20.76	20.94	20.72					
20	QPSK	1	99	20.61	20.82	20.92					
20	QPSK	50	0	20.75	20.93	20.98					
20	QPSK	50	24	20.73	20.75	20.84	22	0			
20	QPSK	50	50	20.72	20.88	20.75					
20	QPSK	100	0	20.72	20.86	20.80					
20	16QAM	1	0	20.77	20.87	20.91					
20	16QAM	1	49	20.73	20.81	20.68	22	0			
20	16QAM	1	99	20.48	20.81	20.89					
20	16QAM	50	0	20.73	20.92	20.81					
20	16QAM	50	24	20.73	20.85	20.58					
20	16QAM	50	50	20.52	20.77	20.87	22	0			
20	16QAM	100	0	20.63	20.83	20.79					
20	64QAM	1	0	20.70	20.69	20.83					
20	64QAM	1	49	20.67	20.62	20.62		22	0		
20	64QAM	1	99	20.70	20.72	20.76					
20	64QAM	50	0	20.09	20.25	20.45					
20	64QAM	50	24	20.20	20.15	20.41					
20	64QAM	50	50	20.07	20.31	20.51	21.5	0.5			
20	64QAM	100	0	20.04	20.19	20.48					
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1717.5	1745	1772.5					
15	QPSK	1	0	20.73	20.90	20.80	22	0			
15	QPSK	1	37	20.63	20.91	20.63					
15	QPSK	1	74	20.47	20.67	20.77					
15	QPSK	36	0	20.67	20.81	20.77					
15	QPSK	36	20	20.62	20.69	20.80	22	0			
15	QPSK	36	39	20.68	20.74	20.73					
15	QPSK	75	0	20.65	20.75	20.75					
15	16QAM	1	0	20.72	20.81	20.94					
15	16QAM	1	37	20.66	20.75	20.86	22	0			
15	16QAM	1	74	20.34	20.76	20.88					
15	16QAM	36	0	20.70	20.82	20.75					
15	16QAM	36	20	20.62	20.81	20.53					
15	16QAM	36	39	20.46	20.69	20.84	22	0			
15	16QAM	75	0	20.57	20.82	20.68					
15	64QAM	1	0	20.65	20.61	20.77					
15	64QAM	1	37	20.55	20.81	20.52		22	0		
15	64QAM	1	74	20.58	20.69	20.63					
15	64QAM	36	0	20.05	20.24	20.41					
15	64QAM	36	20	20.13	20.12	20.37		21.5	0.5		
15	64QAM	36	39	20.01	20.24	20.41					
15	64QAM	75	0	19.95	20.13	20.33					
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1715	1745	1775					
10	QPSK	1	0	20.68	20.84	20.84	22	0			
10	QPSK	1	25	20.66	20.79	20.61					
10	QPSK	1	49	20.60	20.78	20.89					
10	QPSK	25	0	20.74	20.86	20.74					
10	QPSK	25	12	20.67	20.82	20.82	22	0			
10	QPSK	25	25	20.66	20.85	20.63					
10	QPSK	50	0	20.57	20.78	20.67					
10	16QAM	1	0	20.69	20.82	20.88					
10	16QAM	1	25	20.70	20.68	20.62	22	0			
10	16QAM	1	49	20.43	20.79	20.83					
10	16QAM	25	0	20.60	20.86	20.73					
10	16QAM	25	12	20.61	20.78	20.58		22	0		
10	16QAM	25	25	20.50	20.71	20.81					
10	16QAM	50	0	20.61	20.70	20.64					
10	64QAM	1	0	20.59	20.65	20.69	22	0			
10	64QAM	1	25	20.60	20.74	20.53					
10	64QAM	1	49	20.64	20.61	20.64					
10	64QAM	25	0	20.90	20.17	20.36		21.5	0.5		
10	64QAM	25	12	20.19	20.03	20.38					
10	64QAM	25	25	19.97	20.25	20.41					
10	64QAM	50	0	19.92	20.05	20.34					
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1712.5	1745	1777.5					
5	QPSK	1	0	20.71	20.91	20.79	22	0			
5	QPSK	1	12	20.71	20.90	20.71					
5	QPSK	1	24	20.53	20.75	20.89					
5	QPSK	12	0	20.68	20.85	20.84					
5	QPSK	12	7	20.67	20.73	20.80	22	0			
5	QPSK	12	13	20.67	20.85	20.72					
5	QPSK	25	0	20.64	20.72	20.73					
5	16QAM	1	0	20.63	20.80	20.88		22	0		
5	16QAM	1	12	20.64	20.78	20.65					
5	16QAM	1	24	20.44	20.70	20.76					
5	16QAM	12	0	20.72	20.79	20.68		22	0		
5	16QAM	12	7	20.61	20.79	20.43					
5	16QAM	12	13	20.38	20.66	20.77					
5	16QAM	25	0	20.57	20.80	20.73		22	0		
5	64QAM	1	0	20.62	20.66	20.82					
5	64QAM	1	12	20.59	20.67	20.61					
5	64QAM	1	24	20.65	20.68	20.67		22	0		
5	64QAM	12	0	19.97	20.22	20.42					
5	64QAM	12	7	20.13	20.08	20.43		21.5	0.5		
5	64QAM	12	13	19.97	20.28	20.42					
5	64QAM	25	0	19.94	20.11	20.33					
Channel				131997	132322	132637	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1711.5	1745	1776.5					
3	QPSK	1	0	20.70	20.84	20.89	22	0			
3	QPSK	1	8	20.68	20.91	20.61					
3	QPSK	1	14	20.58	20.69	20.87					
3	QPSK	8	0	20.68	20.84	20.77					
3	QPSK	8	4	20.61	20.71	20.76	22	0			
3	QPSK	8	7	20.66	20.81	20.60					
3	QPSK	15	0	20.57	20.73	20.69					
3	16QAM	1	0	20.63	20.73	20.80		22	0		
3	16QAM	1	8	20.68	20.70	20.57					
3	16QAM	1	14	20.47	20.66	20.80					
3	16QAM	8	0	20.62	20.88	20.68		22	0		
3	16QAM	8	4	20.63	20.80	20.56					
3	16QAM	8	7	20.46	20.66	20.81					
3	16QAM	15	0	20.51	20.73	20.75		22	0		
3	64QAM	1	0	20.57	20.64	20.77					
3	64QAM	1	8	20.64	20.70	20.51					
3	64QAM	1	14	20.69	20.72	20.61		22	0		
3	64QAM	8	0	19.95	20.10	20.30					
3	64QAM	8	4	20.16	20.07	20.38					
3	64QAM	8	7	20.03	20.28	20.41		21.5	0.5		
3	64QAM	15	0	19.99	20.15	20.38					
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1710.7	1745	1779.3					
1.4	QPSK	1	0	20.77	20.93	20.93	22	0			
1.4	QPSK	1	3	20.63	20.88	20.61					
1.4	QPSK	1	5	20.47	20.75	20.83					
1.4	QPSK	3	0	20.75	20.83	20.79					
1.4	QPSK	3	1	20.67	20.84	20.82	22	0			
1.4	QPSK	3	3	20.52	20.78	20.79					
1.4	QPSK	6	0	20.62	20.82	20.80					
1.4	16QAM	1	0	20.66	20.76	20.89	22	0			
1.4	16QAM	1	3	20.71	20.83	20.71					
1.4	16QAM	1	5	20.62	20.71	20.68					
1.4	16QAM	3	0	20.66	20.76	20.80					
1.4	16QAM	3	1	20.66	20.68	20.65	22	0			
1.4	16QAM	3	3	20.62	20.68	20.62					
1.4	16QAM	6	0	20.64	20.76	20.75					
1.4	64QAM	1	0	20.58	20.72	20.45	22	0			
1.4	64QAM	1	3	20.45	20.65	20.45					
1.4	64QAM	1	5	20.46	20.68	20.66					
1.4	64QAM	3	0	20.68	20.67	20.74	22	0			
1.4	64QAM	3	1	20.53	20.69	20.59					
1.4	64QAM	3	3	20.61	20.70	20.70					
1.4	64QAM	6	0	19.92	20.11	20.38	21.5	0.5			

Band 38_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	23.40	23.38	23.35	24.5	0		
20	QPSK	1	49	23.39	23.10	23.31				
20	QPSK	1	99	23.35	23.25	23.20				
20	QPSK	50	0	22.62	22.57	22.55	23.5	1		
20	QPSK	50	24	22.47	22.30	22.50				
20	QPSK	50	50	22.48	22.53	22.33				
20	QPSK	100	0	22.60	22.46	22.50	23.5	1		
20	16QAM	1	0	22.21	22.36	22.40				
20	16QAM	1	49	21.48	21.40	21.35				
20	16QAM	1	99	22.22	22.37	22.10	22.5	2		
20	16QAM	50	0	21.88	21.49	21.47				
20	16QAM	50	24	21.63	21.56	21.74				
20	16QAM	50	50	21.42	21.62	21.63	22.5	2		
20	16QAM	100	0	21.47	21.51	21.53				
20	64QAM	1	0	21.48	21.40	21.35				
20	64QAM	1	49	21.23	21.40	21.41	22.5	2		
20	64QAM	1	99	21.35	21.38	21.25				
20	64QAM	50	0	20.58	20.40	20.42				
20	64QAM	50	24	20.51	20.60	20.69	21.5	3		
20	64QAM	50	50	20.48	20.30	20.57				
20	64QAM	100	0	20.59	20.58	20.51				
Channel				37925	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2677.5	2695	2612.5				
15	QPSK	1	0	23.35	23.26	23.29	24.5	0		
15	QPSK	1	37	23.25	23.14	23.23				
15	QPSK	1	74	23.29	23.18	23.14				
15	QPSK	36	0	22.57	22.43	22.44	23.5	1		
15	QPSK	36	20	22.40	22.19	22.44				
15	QPSK	36	39	22.42	22.47	22.21				
15	QPSK	75	0	22.48	22.31	22.44	23.5	1		
15	16QAM	1	0	22.06	22.23	22.35				
15	16QAM	1	37	22.12	22.22	22.20				
15	16QAM	1	74	22.12	22.31	22.05	22.5	2		
15	16QAM	36	0	21.56	21.43	21.52				
15	16QAM	36	20	21.54	21.40	21.68				
15	16QAM	36	39	21.35	21.40	21.55	21.5	3		
15	16QAM	75	0	21.40	21.44	21.24				
15	64QAM	1	0	21.37	21.25	21.30				
15	64QAM	1	37	21.08	21.28	21.28	22.5	2		
15	64QAM	1	74	21.23	21.30	21.19				
15	64QAM	36	0	20.50	20.32	20.33				
15	64QAM	36	20	20.42	20.46	20.55	21.5	3		
15	64QAM	36	39	20.43	20.16	20.44				
15	64QAM	75	0	20.45	20.51	20.40				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	23.35	23.26	23.28	24.5	0		
10	QPSK	1	25	23.34	23.04	23.20				
10	QPSK	1	49	23.29	23.13	23.20				
10	QPSK	25	0	22.57	22.46	22.50	23.5	1		
10	QPSK	25	12	22.38	22.25	22.45				
10	QPSK	25	25	22.35	22.42	22.26				
10	QPSK	50	0	22.55	22.39	22.45	23.5	1		
10	16QAM	1	0	22.14	22.27	22.33				
10	16QAM	1	25	22.09	22.23	22.16				
10	16QAM	1	49	22.15	22.25	21.99	22.5	2		
10	16QAM	25	0	21.63	21.34	21.37				
10	16QAM	25	12	21.51	21.41	21.64				
10	16QAM	25	25	21.32	21.49	21.55	22.5	2		
10	16QAM	50	0	21.39	21.42	21.19				
10	64QAM	1	0	21.34	21.30	21.30				
10	64QAM	1	25	21.08	21.35	21.27	22.5	2		
10	64QAM	1	49	21.25	21.24	21.10				
10	64QAM	25	0	20.46	20.32	20.33				
10	64QAM	25	12	20.38	20.51	20.56	21.5	3		
10	64QAM	25	25	20.35	20.21	20.49				
10	64QAM	50	0	20.45	20.51	20.47				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	23.33	23.23	23.29	24.5	0		
5	QPSK	1	12	23.33	23.13	23.22				
5	QPSK	1	24	23.23	23.16	23.22				
5	QPSK	12	0	22.52	22.45	22.45	23.5	1		
5	QPSK	12	7	22.42	22.23	22.39				
5	QPSK	12	13	22.38	22.43	22.22				
5	QPSK	25	0	22.47	22.39	22.45	23.5	1		
5	16QAM	1	0	22.11	22.31	22.25				
5	16QAM	1	12	22.15	22.18	22.17				
5	16QAM	1	24	22.15	22.27	21.98	22.5	2		
5	16QAM	12	0	21.57	21.37	21.39				
5	16QAM	12	7	21.48	21.47	21.66				
5	16QAM	12	13	21.29	21.54	21.55	22.5	2		
5	16QAM	25	0	21.39	21.44	21.22				
5	64QAM	1	0	21.42	21.26	21.27				
5	64QAM	1	12	21.14	21.32	21.30	22.5	2		
5	64QAM	1	24	21.24	21.27	21.16				
5	64QAM	12	0	20.43	20.28	20.31				
5	64QAM	12	7	20.39	20.45	20.64	21.5	3		
5	64QAM	12	13	20.40	20.25	20.42				
5	64QAM	25	0	20.53	20.46	20.46				

Band 38_Ant 3										
BW [MHz]	Modulatio n	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	23.18	23.12	23.10	23.5	0		
20	QPSK	1	49	23.10	23.03	23.02				
20	QPSK	1	99	23.13	23.05	22.95				
20	QPSK	50	0	23.06	22.98	23.05	23.5	0		
20	QPSK	50	24	22.99	22.95	23.04				
20	QPSK	50	50	22.93	22.78	22.88				
20	QPSK	100	0	23.06	22.96	23.04	23.5	0		
20	16QAM	1	0	23.05	22.97	23.08				
20	16QAM	1	49	23.07	22.90	22.97				
20	16QAM	1	99	23.05	22.91	22.80	22.5	1		
20	16QAM	50	0	21.96	21.98	21.96				
20	16QAM	50	24	22.18	21.94	22.19				
20	16QAM	50	50	22.13	21.81	21.96	22.5	1		
20	16QAM	100	0	21.79	21.96	22.10				
20	64QAM	1	0	22.04	21.56	22.19				
20	64QAM	1	49	21.85	22.12	21.73	22.5	1		
20	64QAM	1	99	22.21	21.59	21.53				
20	64QAM	50	0	21.96	21.53	21.59				
20	64QAM	50	24	21.12	21.07	21.09	21.5	2		
20	64QAM	50	50	21.04	20.73	20.94				
20	64QAM	100	0	20.86	20.98	21.00				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	23.10	23.06	23.06	23.5	0		
15	QPSK	1	37	23.00	22.90	23.00				
15	QPSK	1	74	23.06	22.98	22.80				
15	QPSK	36	0	23.02	22.86	22.98	23.5	0		
15	QPSK	36	20	22.92	22.86	22.94				
15	QPSK	36	39	22.87	22.73	22.85				
15	QPSK	75	0	22.93	22.81	22.89	23.5	0		
15	16QAM	1	0	23.14	22.97	22.98				
15	16QAM	1	37	23.05	22.93	22.89				
15	16QAM	1	74	23.06	22.92	22.97	22.5	1		
15	16QAM	36	0	21.82	21.90	21.87				
15	16QAM	36	20	22.03	21.92	22.14				
15	16QAM	36	39	22.00	21.79	22.11	22.5	1		
15	16QAM	75	0	21.70	21.89	21.97				
15	64QAM	1	0	21.95	21.50	22.07				
15	64QAM	1	37	21.72	22.11	21.62	22.5	1		
15	64QAM	1	74	21.86	21.53	21.40				
15	64QAM	36	0	20.97	21.03	20.62				
15	64QAM	36	20	21.01	20.95	20.94	21.5	2		
15	64QAM	36	39	20.94	20.68	20.86				
15	64QAM	75	0	20.80	20.93	20.86				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	23.04	23.11	22.95	23.5	0		
10	QPSK	1	25	23.06	22.99	22.97				
10	QPSK	1	49	23.08	22.97	22.89				
10	QPSK	25	0	23.02	22.86	22.93	23.5	0		
10	QPSK	25	12	22.96	22.83	22.90				
10	QPSK	25	25	22.90	22.71	22.79				
10	QPSK	50	0	23.00	22.85	22.89	23.5	0		
10	QPSK	50	0	23.05	22.92	23.04				
10	16QAM	1	25	22.99	23.02	22.87				
10	16QAM	1	49	23.05	22.92	22.85	23.5	0		
10	16QAM	25	0	21.94	21.94	22.81				
10	16QAM	25	12	22.08	21.90	22.17				
10	16QAM	25	25	22.12	21.77	21.89	22.5	1		
10	16QAM	50	0	21.67	21.95	22.03				
10	64QAM	1	0	21.96	21.49	21.56				
10	64QAM	1	25	21.71	21.10	21.65	22.5	1		
10	64QAM	1	49	22.06	21.56	21.45				
10	64QAM	25	0	20.88	20.98	20.53				
10	64QAM	25	12	21.04	20.95	20.97	21.5	2		
10	64QAM	25	25	20.97	20.61	20.88				
10	64QAM	50	0	20.73	20.83	20.68				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	23.05	23.04	23.05	23.5	0		
5	QPSK	1	12	23.09	23.00	23.01				
5	QPSK	1	24	23.08	23.04	22.81				
5	QPSK	12	0	23.03	22.93	23.02	23.5	0		
5	QPSK	12	7	22.94	22.92	22.97				
5	QPSK	12	13	22.81	22.72	22.73				
5	QPSK	36	0	22.99	22.86	22.97	23.5	0		
5	16QAM	1	0	23.12	23.05	22.98				
5	16QAM	1	12	23.01	22.98	22.95				
5	16QAM	1	24	22.99	22.96	22.92	22.5	1		
5	16QAM	12	0	21.86	21.89	21.82				
5	16QAM	12	7	22.11	21.75	22.16				
5	16QAM	12	13	22.02	21.76	21.92	22.5	1		
5	16QAM	25	0	21.77	21.44	22.02				
5	64QAM	1	0	21.99	21.49	22.07				
5	64QAM	1	12	21.75	22.00	22.15	22.5	1		
5	64QAM	1	24	22.19	21.53	21.43				
5	64QAM	12	0	20.84	20.96	20.53				
5	64QAM	12	7	21.11	20.83	21.07	21.5	2		
5	64QAM	12	13	20.86	20.69	20.83				
5	64QAM	25	0	20.72	20.82	20.87				

Band 41_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel										
Frequency (MHz)				39750	40185	40620	41055	41490		
20	QPSK	1	0	23.80	23.70	23.36	23.29	23.35	24.5	0
20	QPSK	1	49	23.74	23.68	23.26	23.17	23.31		
20	QPSK	1	99	23.57	23.51	23.32	23.25	23.29		
20	QPSK	50	0	22.92	22.90	22.50	22.45	22.45	23.5	1
20	QPSK	50	24	22.68	22.53	22.47	22.42	22.38		
20	QPSK	50	50	22.90	22.85	22.43	22.36	22.33		
20	QPSK	100	0	22.89	22.75	22.41	22.26	22.42	23.5	1
20	16QAM	1	0	22.58	22.53	22.85	22.87	22.42		
20	16QAM	1	49	22.92	22.86	22.45	22.31	22.38		
20	16QAM	1	99	22.67	22.58	22.28	22.13	22.45	22.5	2
20	16QAM	50	0	21.87	21.74	21.47	21.36	21.31		
20	16QAM	50	24	21.79	21.71	21.44	21.36	21.34		
20	16QAM	50	50	21.86	21.76	21.36	21.24	21.39	22.5	2
20	16QAM	100	0	21.80	21.70	21.47	21.32	21.30		
20	64QAM	1	0	21.50	21.35	21.41	21.33	21.35		
20	64QAM	1	49	21.42	21.30	21.13	21.04	21.30	21.5	3
20	64QAM	1	99	21.47	21.36	21.19	21.07	21.57		
20	64QAM	50	0	20.70	20.56	20.40	20.26	20.32		
20	64QAM	50	24	20.75	20.68	20.46	20.36	20.33	21.5	3
20	64QAM	50	50	20.78	20.73	20.54	20.41	20.33		
20	64QAM	100	0	20.57	20.52	20.40	20.25	20.39		
Channel										
Frequency (MHz)				39725	40173	40620	41068	41515		
15	QPSK	1	0	23.74	23.64	23.31	23.16	23.23	24.5	0
15	QPSK	1	37	23.59	23.59	23.13	23.12	23.26		
15	QPSK	1	74	23.42	23.43	23.21	23.12	23.17		
15	QPSK	36	0	22.82	22.85	22.45	22.45	22.32	23.5	1
15	QPSK	36	20	22.63	22.39	22.38	22.36	22.26		
15	QPSK	36	39	22.77	22.72	22.38	22.24	22.21		
15	QPSK	75	0	22.78	22.64	22.31	22.15	22.40	23.5	1
15	16QAM	1	0	22.48	22.44	22.56	22.56	22.38		
15	16QAM	1	37	22.78	22.76	22.32	22.23	22.31		
15	16QAM	1	74	22.56	22.45	22.20	22.04	22.30	22.5	2
15	16QAM	36	0	21.77	21.60	21.39	21.21	21.29		
15	16QAM	36	20	21.68	21.57	21.37	21.25	21.33		
15	16QAM	36	39	21.73	21.70	21.30	21.13	21.24	22.5	2
15	16QAM	75	0	21.67	21.56	21.32	21.24	21.27		
15	64QAM	1	0	21.43	21.24	21.29	21.21	21.24		
15	64QAM	1	37	21.34	21.21	21.03	21.00	21.18	22.5	2
15	64QAM	1	74	21.33	21.21	21.11	20.97	21.48		
15	64QAM	36	0	20.62	20.51	20.27	20.14	20.31		
15	64QAM	36	20	20.69	20.53	20.41	20.29	20.31	21.5	3
15	64QAM	36	39	20.66	20.61	20.41	20.34	20.32		
15	64QAM	75	0	20.44	20.46	20.33	20.10	20.31		
Channel										
Frequency (MHz)				39700	40160	40620	41080	41540		
10	QPSK	1	0	23.68	23.47	23.30	23.19	23.31	24.5	0
10	QPSK	1	25	23.60	23.55	23.21	23.04	23.24		
10	QPSK	1	49	23.45	23.42	23.19	23.20	23.15		
10	QPSK	25	0	22.77	22.79	22.43	22.35	22.45	23.5	1
10	QPSK	25	12	22.56	22.47	22.33	22.30	22.24		
10	QPSK	25	25	22.83	22.72	22.32	22.27	22.21		
10	QPSK	50	0	22.79	22.65	22.35	22.16	22.27	23.5	1
10	16QAM	1	0	22.45	22.40	22.51	22.42	22.36		
10	16QAM	1	25	22.80	22.73	22.39	22.23	22.31		
10	16QAM	1	49	22.55	22.45	22.14	22.01	22.30	22.5	2
10	16QAM	25	0	21.72	21.65	21.34	21.29	21.16		
10	16QAM	25	12	21.67	21.66	21.38	21.34	21.31		
10	16QAM	25	25	21.73	21.68	21.23	21.21	21.34	22.5	2
10	16QAM	50	0	21.70	21.62	21.37	21.22	21.25		
10	64QAM	1	0	21.36	21.25	21.31	21.29	21.31		
10	64QAM	1	25	21.51	21.20	21.07	20.90	21.16	22.5	2
10	64QAM	1	49	21.34	21.26	21.07	20.95	21.42		
10	64QAM	25	0	20.59	20.47	20.25	20.22	20.19		
10	64QAM	25	12	20.64	20.59	20.40	20.26	20.33	21.5	3
10	64QAM	25	25	20.69	20.62	20.41	20.35	20.31		
10	64QAM	50	0	20.49	20.38	20.35	20.17	20.38		
Channel										
Frequency (MHz)				39675	40148	40620	41083	41585		
5	QPSK	1	0	23.70	23.56	23.25	23.16	23.34	24.5	0
5	QPSK	1	12	23.64	23.53	23.13	23.10	23.16		
5	QPSK	1	24	23.45	23.39	23.19	23.16	23.16		
5	QPSK	12	0	22.79	22.82	22.38	22.35	22.34	23.5	1
5	QPSK	12	7	22.60	22.47	22.32	22.37	22.28		
5	QPSK	12	13	22.81	22.76	22.30	22.30	22.31		
5	QPSK	25	0	22.76	22.62	22.34	22.16	22.34	22.5	2
5	16QAM	1	0	22.43	22.44	22.53	22.56	22.36		
5	16QAM	1	12	22.80	22.77	22.31	22.19	22.32		
5	16QAM	1	24	22.57	22.45	22.19	22.02	22.35	22.5	2
5	16QAM	12	0	21.78	21.65	21.42	21.27	21.31		
5	16QAM	12	7	21.65	21.66	21.39	21.34	21.24		
5	16QAM	12	13	21.78	21.70	21.30	21.23	21.32	22.5	2
5	64QAM	1	0	21.41	21.22	21.27	21.28	21.20		
5	64QAM	1	12	21.31	21.18	21.01	20.89	21.28		
5	64QAM	1	24	21.35	21.23	21.05	21.04	21.47	21.5	3
5	64QAM	12	0	20.63	20.45	20.31	20.14	20.25		
5	64QAM	12	7	20.68	20.55	20.37	20.33	20.30		
5	64QAM	12	13	20.73	20.68	20.45	20.31	20.32	21.5	3
5	64QAM	25	0	20.48	20.40	20.25	20.12	20.24		

Band 41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)
Channel										
Frequency (MHz)				39750	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.45	23.14	23.24	23.40	23.12	23.5	0
20	QPSK	1	49	23.43	23.01	23.15	23.26	23.06		
20	QPSK	1	99	23.40	23.10	23.12	23.27	22.98		
20	QPSK	50	0	23.12	23.07	23.08	23.10	23.10		
20	QPSK	50	24	22.75	23.00	23.05	23.06	23.07	23.5	0
20	QPSK	50	50	22.66	22.89	22.87	22.95	22.69		
20	QPSK	100	0	22.98	22.96	22.97	22.95	22.75		
20	16QAM	1	0	22.74	23.10	22.94	22.92	22.85		
20	16QAM	1	49	22.80	22.89	23.04	23.15	22.93	23.5	0
20	16QAM	1	99	22.87	23.00	22.89	23.29	22.76		
20	16QAM	50	0	21.70	21.99	22.00	22.04	21.73		
20	16QAM	50	24	21.95	22.10	22.11	22.05	21.82		
20	16QAM	50	50	21.70	22.00	21.82	21.89	21.70	22.5	1
20	16QAM	100	0	21.65	21.96	22.11	22.00	21.68		
20	64QAM	1	0	21.68	21.79	21.77	21.82	21.70		
20	64QAM	1	49	21.62	22.14	21.65	22.08	22.23		
20	64QAM	1	99	21.55	21.80	22.23	22.05	21.68	21.5	2
20	64QAM	50	0	20.70	20.85	20.82	20.96	20.52		
20	64QAM	50	24	20.67	21.02	21.02	21.00	20.77		
20	64QAM	50	50	20.63	20.91	21.00	20.90	20.72		
20	64QAM	100	0	20.69	21.02	20.91	21.14	20.60	Channel	
Frequency (MHz)				39725	40173	40620	41068	41515	Tune-up limit (dbm)	MPR (dB)
15	QPSK	1	0	23.39	23.10	23.11	23.38	23.04	23.5	0
15	QPSK	1	37	23.36	22.99	23.12	23.24	23.02		
15	QPSK	1	74	23.32	22.97	23.03	23.25	22.84		
15	QPSK	36	0	22.65	22.95	22.98	23.05	23.07		
15	QPSK	36	20	22.74	22.94	23.09	23.03	22.98	23.5	0
15	QPSK	36	39	22.62	22.83	22.87	22.93	22.88		
15	QPSK	75	0	22.65	22.88	22.90	22.99	22.67		
15	16QAM	1	0	22.60	22.99	22.92	22.99	22.70		
15	16QAM	1	37	22.66	22.77	23.22	23.12	22.81	23.5	0
15	16QAM	1	74	22.75	22.91	22.78	23.26	22.74		
15	16QAM	36	0	21.68	21.84	21.89	22.03	21.58		
15	16QAM	36	20	21.87	22.02	22.08	22.03	21.76		
15	16QAM	36	39	21.68	21.98	21.81	21.82	21.58	22.5	1
15	16QAM	75	0	21.55	21.90	21.98	21.89	21.58		
15	64QAM	1	0	21.55	21.76	21.64	21.68	21.60		
15	64QAM	1	37	21.54	22.00	21.53	21.97	22.14		
15	64QAM	1	74	21.61	22.07	21.64	22.17	21.82	22.5	1
15	64QAM	36	0	20.65	20.75	20.80	20.92	20.37		
15	64QAM	36	20	20.58	20.89	20.93	20.97	20.69		
15	64QAM	36	39	20.60	20.82	20.86	20.84	20.54		
15	64QAM	75	0	20.64	20.90	20.82	21.13	20.70	Channel	
Frequency (MHz)				39700	40160	40620	41080	41540	Tune-up limit (dbm)	MPR (dB)
5	QPSK	1	0	23.34	23.01	23.15	23.39	23.07	23.5	0
5	QPSK	1	25	23.34	22.91	23.04	23.24	22.95		
5	QPSK	1	49	23.28	23.06	23.03	23.12	22.94		
5	QPSK	25	0	22.68	22.92	23.10	23.13	22.98		
5	QPSK	25	12	22.65	22.85	23.06	22.97	22.96	23.5	0
5	QPSK	25	25	22.59	22.82	22.97	22.81	22.66		
5	QPSK	50	0	22.60	22.91	22.91	22.81	22.66		
5	16QAM	1	0	22.66	23.07	22.91	22.84	22.77		
5	16QAM	1	25	22.67	22.83	23.10	23.12	22.87	23.5	0
5	16QAM	1	49	22.76	22.89	22.79	23.14	22.75		
5	16QAM	25	0	21.56	21.84	21.99	22.02	21.67		
5	16QAM	25	12	21.56	21.85	22.00	21.91	21.74		
5	16QAM	25	25	21.60	21.85	21.80	21.75	21.63	22.5	1
5	16QAM	50	0	21.58	21.86	21.98	21.85	21.64		
5	64QAM	1	0	21.57	21.65	21.68	21.67	21.66		
5	64QAM	1	25	21.51	21.21	21.58	22.01	22.18		
5	64QAM	1	49	21.43	21.78	22.17	22.04	21.87	22.5	1
5	64QAM	25	0	20.77	20.77	20.70	20.96	20.37		
5	64QAM	25	12	20.61	21.01	20.88	20.97	20.75		
5	64QAM	25	25	20.60	20.81	20.90	20.87	20.69		
5	64QAM	50	0	20.57	20.89	20.79	21.01	20.45	Channel	
Frequency (MHz)				39675	40148	40620	41093	41565	Tune-up limit (dbm)	MPR (dB)
5	QPSK	1	0	24.48	23.04	23.16	23.35	23.08	23.5	0
5	QPSK	1	12	23.34	22.92	23.04	23.25	22.91		
5	QPSK	1	24	23.30	22.94	23.00	23.21	23.34		
5	QPSK	12	0	22.72	22.98	23.02	23.10	23.06		
5	QPSK	12	7	22.72	22.89	23.03	22.98	23.05	23.5	0
5	QPSK	12	13	22.62	22.83	22.91	22.87	22.66		
5	QPSK	25	0	22.67	22.82	22.94	22.97	22.72		
5	QPSK	1	0	22.69	23.04	22.79	22.87	22.72		
5	16QAM	1	12	22.60	22.80	23.23	23.02	22.98	23.5	0
5	16QAM	1	24	22.77	22.92	22.82	23.15	22.73		
5	16QAM	12	0	21.56	21.98	21.92	22.00	21.67		
5	16QAM	12	7	21.83	22.07	22.02	21.97	21.79		
5	16QAM	12	13	21.58	21.98	21.72	21.75	21.67	22.5	1
5	16QAM	25	0	21.51	21.94	22.06	21.98	21.64		
5	64QAM	1	0	21.61	21.71	21.64	21.77	21.57		
5	64QAM	1	12	21.52	22.03	21.61	22.07	22.17		
5	64QAM	1	24	21.51	21.80	22.19	22.02	21.64	21.5	2
5	64QAM	12	0	20.58	20.72	20.76	20.82	20.42		
5	64QAM	12	7	20.59	20.97	20.89	20.96	20.69		
5	64QAM	12	13	20.57	20.97	20.86	20.98	20.61		
5	64QAM	25	0	20.52	20.95	20.85	21.16	20.45	Channel	

Band 48_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				55340	55830	56150	56640	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	20.20	20.36	20.26	20.23	20.5	0	
20	QPSK	1	49	20.15	20.12	20.09	20.06			
20	QPSK	1	99	20.12	20.27	20.05	20.19			
20	QPSK	50	0	20.19	20.25	20.20	20.12			
20	QPSK	50	24	20.18	20.22	20.16	20.04	20.5	0	
20	QPSK	50	50	20.14	20.19	20.11	20.10			
20	QPSK	100	0	20.11	20.21	20.12	20.14			
20	16QAM	1	0	20.22	20.32	20.14	20.18			
20	16QAM	1	49	20.27	20.18	20.11	20.17	20.5	0	
20	16QAM	1	99	20.07	20.27	20.17	20.15			
20	16QAM	50	0	20.22	20.22	20.10	20.19			
20	16QAM	50	24	20.05	20.19	20.10	20.27			
20	16QAM	50	50	20.23	20.23	20.22	20.17	20.5	0	
20	16QAM	100	0	20.20	20.24	20.11	20.08			
20	64QAM	1	0	20.15	20.32	20.18	20.06			
20	64QAM	1	49	20.09	20.28	20.08	20.12			
20	64QAM	1	99	20.23	20.23	20.16	20.19	20.5	0	
20	64QAM	50	0	20.18	20.22	20.10	20.16			
20	64QAM	50	24	20.23	20.12	20.00	20.14			
20	64QAM	50	50	20.15	20.17	20.25	20.07			
20	64QAM	100	0	20.21	20.24	20.18	20.32	Tune-up limit (dBm)	MPR (dB)	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3557.5	3608	3642	3692.5			
15	QPSK	1	0	20.17	20.25	20.11	20.09	20.5	0	
15	QPSK	1	37	20.14	20.02	20.05	19.94			
15	QPSK	1	74	20.08	20.13	19.97	20.09			
15	QPSK	36	0	20.11	20.11	20.10	20.06			
15	QPSK	36	20	20.07	20.11	20.04	20.02	20.5	0	
15	QPSK	36	39	20.03	20.18	19.97	19.99			
15	QPSK	75	0	20.01	20.18	19.97	20.04			
15	16QAM	1	0	20.09	20.23	20.08	20.12			
15	16QAM	1	37	20.16	20.05	20.03	20.10	20.5	0	
15	16QAM	1	74	20.03	20.16	20.16	20.03			
15	16QAM	36	0	20.21	20.16	20.08	20.15			
15	16QAM	36	20	20.00	20.08	20.00	20.22			
15	16QAM	36	39	20.13	20.12	20.13	20.02	20.5	0	
15	16QAM	75	0	20.07	20.18	20.02	19.95			
15	64QAM	1	0	20.12	20.28	20.12	20.04			
15	64QAM	1	37	19.94	20.19	19.94	20.00			
15	64QAM	1	74	20.09	20.21	20.04	20.16	20.5	0	
15	64QAM	36	0	20.15	20.09	19.97	20.02			
15	64QAM	36	20	20.20	20.07	19.96	20.10			
15	64QAM	36	39	20.10	20.04	20.13	19.97			
15	64QAM	75	0	20.18	20.21	20.17	20.26	Tune-up limit (dBm)	MPR (dB)	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3555	3607.5	3642.5	3695			
10	QPSK	1	0	20.15	20.29	20.11	20.09	20.5	0	
10	QPSK	1	25	20.01	20.02	20.08	20.05			
10	QPSK	1	49	20.03	20.26	19.90	20.11			
10	QPSK	25	0	20.07	20.14	20.07	20.07			
10	QPSK	25	12	20.17	20.06	20.10	19.91	20.5	0	
10	QPSK	25	25	20.07	20.05	20.07	20.01			
10	QPSK	50	0	19.98	20.09	20.04	20.00			
10	16QAM	1	0	20.18	20.28	20.03	20.05			
10	16QAM	1	25	20.13	20.03	20.00	20.10	20.5	0	
10	16QAM	1	49	19.98	20.12	20.06	20.01			
10	16QAM	25	0	20.12	20.09	20.04	20.12			
10	16QAM	25	12	19.94	20.13	20.02	20.21			
10	16QAM	25	25	20.13	20.11	20.15	20.06	20.5	0	
10	16QAM	50	0	20.17	20.11	20.04	19.96			
10	64QAM	1	0	20.02	20.25	20.17	19.99			
10	64QAM	1	25	19.95	20.24	20.06	20.05			
10	64QAM	1	49	20.09	20.18	20.14	20.17	20.5	0	
10	64QAM	25	0	20.12	20.14	19.98	20.10			
10	64QAM	25	12	20.09	20.00	19.95	20.12			
10	64QAM	25	25	20.02	20.13	20.11	19.98			
10	64QAM	50	0	20.15	20.10	20.06	20.29	Tune-up limit (dBm)	MPR (dB)	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3552.5	3607	3643	3697.5			
5	QPSK	1	0	20.19	20.34	20.15	20.13	20.5	0	
5	QPSK	1	12	20.09	19.99	20.01	20.01			
5	QPSK	1	24	19.97	20.12	19.99	20.13			
5	QPSK	12	0	20.13	20.15	20.05	20.09			
5	QPSK	12	7	20.05	20.17	20.15	20.01	20.5	0	
5	QPSK	12	13	20.00	20.06	20.03	20.03			
5	QPSK	25	0	20.04	20.12	19.99	20.01			
5	16QAM	1	0	20.19	20.29	20.12	20.11			
5	16QAM	1	12	20.12	20.14	20.06	20.07	20.5	0	
5	16QAM	1	24	20.00	20.12	20.05	20.07			
5	16QAM	12	0	20.16	20.19	20.07	20.11			
5	16QAM	12	7	19.90	20.07	19.96	20.24			
5	16QAM	12	13	20.20	20.11	20.15	20.05	20.5	0	
5	16QAM	25	0	20.19	20.20	20.07	19.94			
5	64QAM	1	0	20.09	20.21	20.07	19.97			
5	64QAM	1	12	20.00	20.24	20.06	19.98			
5	64QAM	1	24	20.14	20.16	20.01	20.15	20.5	0	
5	64QAM	12	0	20.07	20.15	19.85	20.09			
5	64QAM	12	7	20.10	20.06	19.99	20.12			
5	64QAM	12	13	20.03	20.13	20.20	19.98			
5	64QAM	25	0	20.14	20.18	20.12	20.19	Tune-up limit (dBm)	MPR (dB)	

Band 48_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel				55340	55830	56150	56640			
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	20.08	21.22	21.13	21.15	21.5	0	
20	QPSK	1	49	20.93	21.01	21.09	21.13			
20	QPSK	1	99	20.95	21.02	20.94	21.01			
20	QPSK	50	0	20.98	21.16	21.10	21.11			
20	QPSK	50	24	20.96	21.05	21.08	21.07	21.5	0	
20	QPSK	50	50	20.93	21.12	20.98	20.93			
20	QPSK	100	0	20.93	21.12	20.89	20.98			
20	16QAM	1	0	20.88	21.10	21.06	21.05			
20	16QAM	1	49	20.80	20.97	21.00	21.03	21.5	0	
20	16QAM	1	99	20.84	21.00	20.88	20.89			
20	16QAM	50	0	20.85	21.13	21.09	21.05			
20	16QAM	50	24	20.86	20.91	21.02	21.05			
20	16QAM	50	50	20.87	20.89	20.84	20.96	21.5	0	
20	16QAM	100	0	20.93	21.11	21.01	20.99			
20	64QAM	1	0	20.83	21.02	20.97	20.98			
20	64QAM	1	49	20.80	21.08	20.89	20.88			
20	64QAM	1	99	20.88	21.08	20.82	20.86	21.5	0	
20	64QAM	50	0	20.47	20.72	20.65	20.58			
20	64QAM	50	24	20.49	20.73	20.66	20.59			
20	64QAM	50	50	20.47	20.72	20.61	20.59	21.5	0	
20	64QAM	100	0	20.45	20.70	20.61	20.54			
Channel				55315	55820	56160	56665	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				3557.5	3608	3642	3692.5			
15	QPSK	1	0	20.89	21.07	21.00	21.03	21.5	0	
15	QPSK	1	37	20.85	20.92	21.01	21.02			
15	QPSK	1	74	20.86	20.96	20.79	20.95			
15	QPSK	36	0	20.95	21.14	20.98	21.03			
15	QPSK	36	20	20.83	20.95	21.05	20.93	21.5	0	
15	QPSK	36	39	20.89	20.97	20.91	20.79			
15	QPSK	75	0	20.89	20.97	20.81	20.94			
15	16QAM	1	0	20.82	21.02	20.91	20.90			
15	16QAM	1	37	20.78	20.82	20.91	20.90	21.5	0	
15	16QAM	1	74	20.79	20.82	20.87	20.83			
15	16QAM	36	0	20.78	21.11	21.04	21.04			
15	16QAM	36	20	20.72	20.90	21.01	20.93			
15	16QAM	36	39	20.82	20.86	20.82	20.87	21.5	0	
15	16QAM	75	0	20.91	21.02	21.00	20.89			
15	64QAM	1	0	20.69	20.88	20.93	20.97	21.5	0	
15	64QAM	1	37	20.70	21.02	20.96	20.78			
15	64QAM	1	74	20.74	21.05	20.98	20.72	21.5	0	
15	64QAM	36	0	20.42	20.52	20.71	20.48			
15	64QAM	36	20	20.44	20.59	20.84	20.54	21.5	0	
15	64QAM	36	39	20.38	20.52	20.64	20.55			
15	64QAM	75	0	20.35	20.56	20.70	20.44			
Channel				55220	55815	56165	56660	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				3555	3597.5	3642.5	3695			
10	QPSK	1	0	20.88	21.09	21.08	21.13	21.5	0	
10	QPSK	1	25	20.90	21.05	21.11	21.09			
10	QPSK	1	49	20.88	21.01	21.02	20.88			
10	QPSK	25	0	20.96	21.09	21.06	20.98			
10	QPSK	25	12	20.86	20.96	20.95	21.02	21.5	0	
10	QPSK	25	25	20.88	21.05	20.90	20.87			
10	QPSK	50	0	20.88	21.05	20.87	20.96			
10	16QAM	1	0	20.86	21.04	20.93	20.97			
10	16QAM	1	25	20.78	20.96	20.88	20.90	21.5	0	
10	16QAM	1	49	20.79	20.87	20.74	20.83			
10	16QAM	25	0	20.81	21.07	20.94	20.93			
10	16QAM	25	12	20.81	20.88	20.96	20.91			
10	16QAM	25	25	20.84	20.87	20.74	20.85	21.5	0	
10	16QAM	50	0	20.89	21.06	20.86	20.85			
10	64QAM	1	0	20.21	20.48	20.76	20.21			
10	64QAM	1	25	20.20	20.55	20.88	20.79			
10	64QAM	1	49	20.78	21.02	20.69	20.78	21.5	0	
10	64QAM	25	0	20.40	20.56	20.71	20.49			
10	64QAM	25	12	20.40	20.53	20.82	20.52			
10	64QAM	25	25	20.40	20.50	20.57	20.56			
10	64QAM	50	0	20.40	20.46	20.58	20.39	21.5	0	
Channel				55255	55855	56170	56715			
Frequency (MHz)				3522.5	3597	3643	3697.5			
5	QPSK	1	0	20.89	21.09	21.12	21.14	21.5	0	
5	QPSK	1	12	20.87	20.88	21.02	21.03			
5	QPSK	1	24	20.88	20.98	20.82	20.98			
5	QPSK	12	0	20.92	21.15	20.96	21.07			
5	QPSK	12	7	20.84	21.01	21.04	20.95	21.5	0	
5	QPSK	12	13	20.83	21.07	20.85	20.85			
5	QPSK	25	0	20.85	21.05	20.76	20.97			
5	16QAM	1	0	20.73	21.05	21.01	20.93			
5	16QAM	1	12	20.70	20.89	20.88	20.91	21.5	0	
5	16QAM	1	24	20.71	20.99	20.81	20.78			
5	16QAM	12	0	20.80	21.02	21.01	21.02			
5	16QAM	12	7	20.74	20.76	20.91	20.98			
5	16QAM	12	13	20.73	20.82	20.74	20.86	21.5	0	
5	16QAM	25	0	20.83	21.07	20.96	20.94			
5	64QAM	1	0	20.76	20.98	20.90	20.86			
5	64QAM	1	12	20.67	21.00	20.76	20.78			
5	64QAM	1	24	20.74	20.96	20.70	20.76	21.5	0	
5	64QAM	12	0	20.33	20.51	20.68	20.51			
5	64QAM	12	7	20.38	20.54	20.71	20.53			
5	64QAM	12	13	20.39	20.59	20.69	20.67			
5	64QAM	25	0	20.37	20.54	20.82	20.57	21.5	0	

Band 48_Ant 5												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				55340	55830	56150	56640					
Frequency (MHz)				3560	3609	3641	3690					
20	QPSK	1	0	22.65	22.82	22.67	22.62	23.5	0			
20	QPSK	1	49	22.57	22.74	22.59	22.52					
20	QPSK	1	99	22.51	22.68	22.52	22.46					
20	QPSK	50	0	21.79	22.01	21.83	21.80					
20	QPSK	50	24	21.72	21.91	21.75	21.70	22.5	1			
20	QPSK	50	50	21.65	21.81	21.68	21.66					
20	QPSK	100	0	21.70	21.82	21.69	21.63					
20	16QAM	1	0	21.63	21.80	21.66	21.60					
20	16QAM	1	49	21.68	21.84	21.67	21.60	22.5	1			
20	16QAM	1	99	21.56	21.68	21.55	21.52					
20	16QAM	50	0	20.77	20.94	20.78	20.71					
20	16QAM	50	24	20.65	20.85	20.68	20.66					
20	16QAM	50	50	20.64	20.77	20.63	20.60	21.5	2			
20	16QAM	100	0	20.64	20.81	20.63	20.58					
20	64QAM	1	0	20.55	20.77	20.59	20.52					
20	64QAM	1	49	20.62	20.78	20.63	20.58					
20	64QAM	1	99	20.41	20.59	20.44	20.40	21.5	2			
20	64QAM	50	0	19.75	19.93	19.75	19.69					
20	64QAM	50	24	19.63	19.83	19.67	19.64					
20	64QAM	50	50	19.62	19.79	19.63	19.60					
20	64QAM	100	0	19.64	19.80	19.65	19.59	20.5	3			
Channel				55315	55820	56160	56665					
Frequency (MHz)				3557.5	3608	3642	3692.5					
15	QPSK	1	0	22.74	22.54	22.59	22.49	23.5	0			
15	QPSK	1	37	22.61	22.51	22.47	22.40					
15	QPSK	1	74	22.60	22.46	22.52	22.43					
15	QPSK	36	0	21.59	21.71	21.72	21.80					
15	QPSK	36	20	21.83	21.61	21.71	21.64	22.5	1			
15	QPSK	36	39	21.76	21.53	21.59	21.56					
15	QPSK	75	0	21.72	21.57	21.62	21.48					
15	16QAM	1	0	21.70	21.49	21.54	21.51					
15	16QAM	1	37	21.74	21.62	21.54	21.56	22.5	1			
15	16QAM	1	74	21.61	21.46	21.49	21.48					
15	16QAM	36	0	20.89	20.66	20.63	20.62					
15	16QAM	36	20	20.77	20.52	20.58	20.64					
15	16QAM	36	39	20.65	20.49	20.55	20.59	21.5	2			
15	16QAM	75	0	20.66	20.59	20.63	20.54					
15	64QAM	1	0	20.68	20.43	20.55	20.47					
15	64QAM	1	37	20.70	20.53	20.56	20.44					
15	64QAM	1	74	20.48	20.33	20.44	20.35	20.5	3			
15	64QAM	36	0	19.84	19.60	19.62	19.55					
15	64QAM	36	20	19.70	19.48	19.55	19.64					
15	64QAM	36	39	19.65	19.57	19.52	19.48					
15	64QAM	75	0	19.72	19.53	19.55	19.47	Tune-up limit (dBm)	MPR (dB)			
Channel				55290	55815	56165	56690					
Frequency (MHz)				3555	3607.5	3642.5	3695					
10	QPSK	1	0	22.76	22.54	22.66	22.52	23.5	0			
10	QPSK	1	25	22.59	22.42	22.47	22.45					
10	QPSK	1	49	22.57	22.41	22.52	22.41					
10	QPSK	25	0	21.79	21.69	21.79	21.73					
10	QPSK	25	12	21.78	21.58	21.69	21.55	22.5	1			
10	QPSK	25	25	21.72	21.52	21.57	21.64					
10	QPSK	50	0	21.68	21.65	21.58	21.54					
10	16QAM	1	0	21.74	21.48	21.61	21.50					
10	16QAM	1	25	21.74	21.59	21.54	21.57	22.5	1			
10	16QAM	1	49	21.58	21.41	21.43	21.50					
10	16QAM	25	0	20.81	20.64	20.74	20.60					
10	16QAM	25	12	20.75	20.53	20.57	20.63					
10	16QAM	25	25	20.64	20.51	20.49	20.56	21.5	2			
10	16QAM	50	0	20.68	20.49	20.58	20.47					
10	64QAM	1	0	20.66	20.41	20.57	20.46					
10	64QAM	1	25	20.67	20.50	20.61	20.55					
10	64QAM	1	49	20.46	20.34	20.37	20.38	20.5	3			
10	64QAM	25	0	19.75	19.66	19.66	19.67					
10	64QAM	25	12	19.73	19.51	19.65	19.59					
10	64QAM	25	25	19.68	19.49	19.63	19.49					
10	64QAM	50	0	19.73	19.55	19.56	19.44	Tune-up limit (dBm)	MPR (dB)			
Channel				35255	35807	36163	36715					
Frequency (MHz)				3525.5	3607	3643	3697.5					
5	QPSK	1	0	22.61	22.51	22.57	22.50	23.5	0			
5	QPSK	1	12	22.69	22.51	22.55	22.49					
5	QPSK	1	24	22.59	22.37	22.49	22.31					
5	QPSK	12	0	21.79	21.70	21.79	21.77					
5	QPSK	12	7	21.85	21.61	21.71	21.61	22.5	1			
5	QPSK	12	13	21.71	21.56	21.53	21.66					
5	QPSK	25	0	21.77	21.61	21.55	21.60					
5	16QAM	1	0	21.71	21.58	21.59	21.55					
5	16QAM	1	12	21.75	21.54	21.52	21.56	22.5	1			
5	16QAM	1	24	21.57	21.51	21.51	21.49					
5	16QAM	12	0	20.84	20.63	20.63	20.57					
5	16QAM	12	7	20.80	20.57	20.64	20.55					
5	16QAM	12	13	20.72	20.57	20.54	20.54	21.5	2			
5	16QAM	25	0	20.68	20.57	20.52	20.49					
5	64QAM	1	0	20.64	20.48	20.56	20.52					
5	64QAM	1	12	20.65	20.53	20.53	20.49					
5	64QAM	1	24	20.51	20.31	20.39	20.39	20.5	3			
5	64QAM	12	0	19.86	19.66	19.73	19.60					
5	64QAM	12	7	19.73	19.51	19.65	19.49					
5	64QAM	12	13	19.74	19.53	19.60	19.48					
5	64QAM	25	0	19.71	19.56	19.63	19.54					

Band 48_Ant 6													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				55340	55830	56150	56640						
Frequency (MHz)				3560	3609	3641	3690						
20	QPSK	1	0	21.68	21.86	21.60	21.91	22.5	0				
20	QPSK	1	49	21.66	21.94	21.88	21.88						
20	QPSK	1	99	21.64	21.89	21.83	21.82						
20	QPSK	50	0	20.98	21.11	21.04	21.05						
20	QPSK	50	24	20.81	21.07	21.02	21.01	21.5	1				
20	QPSK	50	50	20.84	21.09	21.02	21.01						
20	QPSK	100	0	20.77	21.07	21.03	21.01						
20	16QAM	1	0	20.71	20.96	20.90	20.89						
20	16QAM	1	49	20.75	21.03	20.99	20.98	21.5	1				
20	16QAM	1	99	20.85	20.95	20.87	20.90						
20	16QAM	50	0	19.79	20.02	19.96	20.00						
20	16QAM	50	24	19.84	20.09	20.02	20.01						
20	16QAM	50	50	19.77	20.07	20.03	20.03	20.5	2				
20	16QAM	100	0	19.79	20.04	19.98	19.97						
20	64QAM	1	0	19.59	19.84	19.76	19.80						
20	64QAM	1	49	19.63	19.92	19.84	19.89						
20	64QAM	1	99	19.58	19.88	19.82	19.81	19.5	3				
20	64QAM	50	0	18.77	19.02	18.97	18.95						
20	64QAM	50	24	18.78	19.05	19.02	18.98	19.5	3				
20	64QAM	50	50	18.77	19.07	18.99	19.00						
20	64QAM	100	0	18.81	19.06	18.98	19.03						
Channel				55315	55820	56160	56665				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3557.5	3608	3642	3692.5						
15	QPSK	1	0	21.54	21.78	21.82	21.86	22.5	0				
15	QPSK	1	37	21.60	21.79	21.89	21.96						
15	QPSK	1	74	21.54	21.76	21.89	21.87						
15	QPSK	36	0	20.71	20.92	20.88	20.94						
15	QPSK	36	20	20.76	20.93	20.89	21.01	21.5	1				
15	QPSK	36	39	20.74	20.91	20.93	20.86						
15	QPSK	75	0	20.72	20.89	21.03	20.99						
15	16QAM	1	0	20.65	20.79	20.88	20.92						
15	16QAM	1	37	20.67	20.86	20.85	20.96	21.5	1				
15	16QAM	1	74	20.56	20.76	20.77	20.89						
15	16QAM	36	0	19.73	19.93	19.86	19.89						
15	16QAM	36	20	19.74	19.88	20.01	19.95						
15	16QAM	36	39	19.69	19.86	20.01	20.04	20.5	2				
15	16QAM	75	0	19.69	19.86	19.88	19.92						
15	64QAM	1	0	19.47	19.65	19.66	19.70						
15	64QAM	1	37	19.54	19.74	19.69	19.81						
15	64QAM	1	74	19.44	19.61	19.67	19.70	20.5	2				
15	64QAM	36	0	18.67	18.81	18.85	19.02						
15	64QAM	36	20	18.73	18.89	19.00	19.02						
15	64QAM	36	39	18.67	18.90	18.89	19.06						
15	64QAM	75	0	18.71	18.89	18.84	18.92	19.5	3				
Channel				55290	55815	56165	56680				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3555	3607.5	3642.5	3695						
10	QPSK	1	0	21.52	21.77	21.75	21.87				22.5	0	
10	QPSK	1	49	21.58	21.80	21.76	21.91						
10	QPSK	1	49	21.56	21.68	21.63	21.84						
10	QPSK	25	0	20.66	20.89	20.88	21.06						
10	QPSK	25	12	20.70	20.94	20.89	21.03	21.5	1				
10	QPSK	25	25	20.77	20.87	20.94	21.09						
10	QPSK	50	0	20.67	20.93	20.89	21.03						
10	16QAM	1	0	20.58	20.74	20.85	20.96						
10	16QAM	1	25	20.60	20.87	20.87	20.94	21.5	1				
10	16QAM	1	49	20.57	20.83	20.85	20.93						
10	16QAM	25	0	19.65	19.89	19.86	20.00						
10	16QAM	25	12	19.79	19.96	19.99	19.98						
10	16QAM	25	25	19.68	19.91	20.01	19.94	20.5	2				
10	16QAM	50	0	19.73	19.84	19.84	19.96						
10	64QAM	1	0	19.45	19.74	19.63	19.82						
10	64QAM	1	25	19.53	19.74	19.76	19.89						
10	64QAM	1	49	19.43	19.69	19.62	19.82	20.5	2				
10	64QAM	25	0	18.71	18.82	18.91	18.90						
10	64QAM	25	12	18.68	18.92	18.93	18.96						
10	64QAM	25	25	18.64	18.91	18.91	18.95						
10	64QAM	50	0	18.66	18.94	18.93	19.04	19.5	3				
Channel				35525	36075	36415	36915				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3552.5	3607	3643	3691.5						
5	QPSK	1	0	21.60	21.76	21.84	21.83				22.5	0	
5	QPSK	1	12	21.60	21.83	21.87	21.88						
5	QPSK	1	24	21.49	21.77	21.74	21.85						
5	QPSK	12	0	20.66	20.93	20.88	21.07						
5	QPSK	12	7	20.70	20.90	20.87	21.09	21.5	1				
5	QPSK	12	13	20.77	20.86	21.02	20.99						
5	QPSK	25	0	20.68	20.92	20.93	20.99						
5	16QAM	1	0	20.65	20.76	20.82	20.88						
5	16QAM	1	12	20.68	20.89	20.85	20.90	21.5	1				
5	16QAM	1	24	20.53	20.75	20.84	20.86						
5	16QAM	12	0	19.71	19.87	19.81	20.04						
5	16QAM	12	7	19.73	19.90	19.90	19.95						
5	16QAM	12	13	19.66	19.90	19.99	19.96	20.5	2				
5	16QAM	25	0	19.72	19.88	19.98	19.94						
5	64QAM	1	0	19.50	19.69	19.76	19.71						
5	64QAM	1	12	19.49	19.82	19.81	19.92						
5	64QAM	1	24	19.44	19.74	19.75	19.76	20.5	2				
5	64QAM	12	0	18.40	18.86	18.87	18.88						
5	64QAM	12	7	18.40	18.83	18.89	18.92						
5	64QAM	12	13	18.40	18.85	18.95	19.00						
5	64QAM	25	0	18.45	18.89	18.87	19.04	19.5	3				
5	64QAM	25	0	18.46	18.89	18.87	19.04						

Reduced Power Mode for DSI 9

GSM900_Ant 0		Burst Average Power (dBm)			Frame Average Power (dBm)		
TX Channel		512	661	810	512	661	810
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4	848.8
GSM 1 Tx slot		32.47	32.15	32.44	33.50	23.47	23.15
GPRS 1 Tx slot		32.45	32.12	32.47	33.50	23.45	23.12
GPRS 2 Tx slots		29.20	29.26	29.33	30.50	23.20	23.26
GPRS 3 Tx slots		27.52	27.46	27.45	28.70	23.20	23.19
GPRS 4 Tx slots		25.86	25.88	25.97	27.50	22.86	22.88
EDGE 1 Tx slot		26.14	26.27	26.10	28.00	17.14	17.27
EDGE 2 Tx slots		23.54	23.68	23.60	25.00	17.54	17.68
EDGE 3 Tx slots		21.85	21.91	21.84	23.28	17.59	17.65
EDGE 4 Tx slots		21.51	21.67	21.54	22.90	18.51	18.67

GSM1800_Ant 2		Burst Average Power (dBm)			Frame Average Power (dBm)		
TX Channel		512	661	810	512	661	810
Frequency (MHz)		1850.2	1860	1869.8	1850.2	1860	1869.8
GSM 1 Tx slot		28.45	28.50	28.60	29.50	19.45	19.50
GPRS 1 Tx slot		28.41	28.43	28.54	29.50	19.41	19.43
GPRS 2 Tx slots		24.97	24.92	25.16	26.50	18.97	18.92
GPRS 3 Tx slots		23.16	23.10	23.20	24.70	18.90	18.84
GPRS 4 Tx slots		21.86	21.80	22.05	23.58	18.86	18.80
EDGE 1 Tx slot		25.98	25.37	25.65	27.00	16.92	16.99
EDGE 2 Tx slots		23.11	22.83	23.07	24.00	17.11	16.83
EDGE 3 Tx slots		21.48	21.17	21.38	22.20	17.22	16.91
EDGE 4 Tx slots		20.87	20.78	20.93	21.00	17.87	17.78

GSM1800_Ant 4		Burst Average Power (dBm)			Frame Average Power (dBm)		
TX Channel		512	661	810	512	661	810
Frequency (MHz)		1850.2	1860	1869.8	1850.2	1860	1869.8
GSM 1 Tx slot		28.86	28.81	28.91	30.50	19.86	19.81
GPRS 1 Tx slot		28.84	28.78	28.76	30.50	19.84	19.78
GPRS 2 Tx slots		25.62	25.69	25.67	27.00	16.92	16.99
GPRS 3 Tx slots		24.00	24.11	24.10	25.70	16.74	16.85
GPRS 4 Tx slots		22.86	22.71	23.12	24.50	16.86	16.71
EDGE 1 Tx slot		25.25	25.06	25.12	27.00	16.25	16.06
EDGE 2 Tx slots		22.21	22.12	22.15	24.00	16.21	16.12
EDGE 3 Tx slots		20.70	20.70	20.63	22.20	16.44	15.97
EDGE 4 Tx slots		20.25	19.91	20.22	21.00	17.25	16.91

Band		WCDMA II_Ant 2			WCDMA IV_Ant 2		
TX Channel		5962	9400	9538	13112	14113	15113
Rx Channel		9662	9800	9938	15317	16318	17318
Frequency (MHz)		1852.4	1880	1907.6	1712.4	1732.6	1752.6
3GPP Rel 99 AMR 12.2Kbps		19.69	19.74	19.71	19.50	18.53	18.67
3GPP Rel 99 RMC 12.2Kbps		19.77	19.80	19.72	20.50	18.73	18.76
3GPP Rel 6 HSDPA Subtest-1		18.96	18.71	18.75	19.50	17.61	17.23
3GPP Rel 6 HSDPA Subtest-2		19.98	19.83	19.65	19.50	17.54	17.59
3GPP Rel 6 HSDPA Subtest-3		18.48	18.30	18.25	19.00	16.88	16.97
3GPP Rel 6 HSDPA Subtest-4		18.47	18.30	18.16	19.00	17.09	16.80
3GPP Rel 6 DC-HSDPA Subtest-1		18.87	18.70	18.57	19.50	17.48	17.43
3GPP Rel 6 DC-HSDPA Subtest-2		18.75	18.64	18.54	19.50	17.48	17.50
3GPP Rel 6 DC-HSDPA Subtest-3		18.36	18.31	17.96	19.00	16.89	17.03
3GPP Rel 6 DC-HSDPA Subtest-4		18.27	18.16	17.99	19.00	16.97	16.66
3GPP Rel 6 HSUPA Subtest-1		18.84	18.82	18.74	19.50	17.43	17.53
3GPP Rel 6 HSUPA Subtest-2		16.93	16.76	16.76	17.50	15.44	15.51
3GPP Rel 6 HSUPA Subtest-3		17.91	17.78	17.71	18.50	16.55	16.37
3GPP Rel 6 HSUPA Subtest-4		18.83	18.81	18.69	17.50	15.52	15.50
3GPP Rel 6 HSUPA Subtest-5		18.82	18.82	18.67	19.50	17.47	17.43
3GPP Rel 7 HSPA+ (16QAM) Subtest-1		17.74	17.80	17.76	19.50	16.69	16.75

Band		WCDMA II_Ant 4			WCDMA IV_Ant 4		
TX Channel		5962	9400	9538	13112	14113	15113
Rx Channel		9662	9800	9938	15317	16318	17318
Frequency (MHz)		1852.4	1880	1907.6	1712.4	1732.6	1752.6
3GPP Rel 99 AMR 12.2Kbps		19.26	19.30	19.14	20.50	19.77	19.99
3GPP Rel 99 RMC 12.2Kbps		19.27	19.32	19.25	20.50	19.97	19.95
3GPP Rel 6 HSDPA Subtest-1		18.36	18.34	18.23	19.50	16.91	16.84
3GPP Rel 6 HSDPA Subtest-2		18.41	18.10	18.21	19.50	16.78	16.92
3GPP Rel 6 HSDPA Subtest-3		17.84	17.88	17.79	19.00	16.24	16.35
3GPP Rel 6 HSDPA Subtest-4		17.95	17.70	17.71	19.00	16.48	16.01
3GPP Rel 6 DC-HSDPA Subtest-1		18.29	18.53	18.17	19.50	16.66	16.85
3GPP Rel 6 DC-HSDPA Subtest-2		18.15	18.05	18.08	19.50	16.60	16.78
3GPP Rel 6 DC-HSDPA Subtest-3		17.58	17.66	17.82	19.00	16.16	16.31
3GPP Rel 6 DC-HSDPA Subtest-4		17.84	17.63	17.63	19.00	16.35	17.91
3GPP Rel 6 HSUPA Subtest-1		16.07	16.19	16.38	19.50	16.84	16.85
3GPP Rel 6 HSUPA Subtest-2		16.29	16.41	16.28	17.50	16.88	16.91
3GPP Rel 6 HSUPA Subtest-3		17.28	17.18	17.36	19.50	17.65	17.75
3GPP Rel 6 HSUPA Subtest-4		16.24	16.31	16.34	17.50	16.81	16.96
3GPP Rel 6 HSUPA Subtest-5		16.33	16.36	16.27	19.50	16.81	16.68
3GPP Rel 7 HSPA+ (16QAM) Subtest-1		17.62	17.62	17.55	19.50	16.03	16.06

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	
TX Channel		4132	4182	4233		
Rx Channel		4357	4407	4458		
Frequency (MHz)		826.4	836.4	846.6		
3GPP Rel 99 AMR 12.2Kbps		23.96	24.00	23.95	25.00	
3GPP Rel 99 RMC 12.2Kbps		24.01	24.05	23.98	25.00	
3GPP Rel 6 HSDPA Subtest-1		23.05	23.03	22.92	24.00	
3GPP Rel 6 HSDPA Subtest-2		23.06	23.05	23.00	24.00	
3GPP Rel 6 HSDPA Subtest-3		22.38	22.49	22.53	23.50	
3GPP Rel 6 HSDPA Subtest-4		22.51	22.28	22.50	23.50	
3GPP Rel 6 DC-HSDPA Subtest-1		22.91	22.97	22.83	24.00	
3GPP Rel 6 DC-HSDPA Subtest-2		22.96	22.93	22.88	24.00	
3GPP Rel 6 DC-HSDPA Subtest-3		22.38	22.38	22.37	23.50	
3GPP Rel 6 DC-HSDPA Subtest-4		22.37	22.05	22.36	23.50	
3GPP Rel 6 HSUPA Subtest-1		23.07	23.07	23.02	24.00	
3GPP Rel 6 HSUPA Subtest-2		21.11	21.08	21.00	22.00	
3GPP Rel 6 HSUPA Subtest-3		22.02	21.97	21.99	23.00	
3GPP Rel 6 HSUPA Subtest-4		21.12	21.01	21.08	22.00	
3GPP Rel 6 HSUPA Subtest-5		23.10	23.05	22.95	24.00	
3GPP Rel 7 HSPA+ (16QAM) Subtest-1		22.15	22.25	22.99	24.00	

GSM900_Ant 1		Burst Average Power (dBm)			Frame Average Power (dBm)		
TX Channel		512	661	810	512	661	810
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4	848.8
GSM 1 Tx slot		30.37	30.59	30.42	31.50	21.37	21.59
GPRS 1 Tx slot		30.32	30.55	30.36	31.50	21.32	21.55
GPRS 2 Tx slots		27.20	27.18	27.33	28.50	21.20	21.18
GPRS 3 Tx slots		25.40	25.12	25.50	26.70	21.14	20.86
GPRS 4 Tx slots		23.69	23.60	23.88	25.00	20.69	20.60
EDGE 1 Tx slot		26.22	26.20	26.30	28.00	17.22	17.20
EDGE 2 Tx slots		23.48	23.53	23.51	25.00	17.48	17.53
EDGE 3 Tx slots		21.73	21.80	21.76	23.20	17.47	17.54
EDGE 4 Tx slots		21.41	21.56	21.39	22.90	18.41	18.56

GSM1800_Ant 3		Burst Average Power (dBm)			Frame Average Power (dBm)		
TX Channel		512	661	810	512	661	810
Frequency (MHz)		1850.2	1860	1869.8	1850.2	1860	1869.8
GSM 1 Tx slot		29.06	29.13	29.15	30.50	20.06	20.13
GPRS 1 Tx slot		29.04	29.11	29.10	30.50	20.04	20.11
GPRS 2 Tx slots		25.85	26.09	26.05	27.50	19.85	20.09
GPRS 3 Tx slots		24.35	24.05	24.48	25.70	20.09	19.79
GPRS 4 Tx slots		22.98	23.07	23.35	24.00	19.98	20.07
EDGE 1 Tx slot		25.15	25.02	25.21	27.00	16.15	16.02
EDGE 2 Tx slots		22.37	22.14	22.57	24.00	16.37	16.14
EDGE 3 Tx slots		20.72	20.37	20.85	22.20	16.46	16.11
EDGE 4 Tx slots		20.33	20.03	20.44	21.00	17.33	17.03

Band		WCDMA II_Ant 3			WCDMA IV_Ant 3		
TX Channel		5962	9400	9538	13112	14113	15113
Rx Channel		9662	9800	9938	15317	16318	17318
Frequency (MHz)		1852.4	1880	1907.6	1712.4	1732.6	1752.6
3GPP Rel 99 AMR 12.2Kbps		20.49	20.48	20.40	21.50	20.88	20.96
3GPP Rel 99 RMC 12.2Kbps		20.50	20.50	20.48	21.50	21.08	21.15
3GPP Rel 6 HSDPA Subtest-1		19.62	19.56	19.51	20.50	20.09	19.97
3GPP Rel 6 HSDPA Subtest-2		19.67	19.35	19.46	20.50	20.06	19.94
3GPP Rel 6 HSDPA Subtest-3		19.10	18.95	18.94	20.00	19.55	19.49
3GPP Rel 6 HSDPA Subtest-4		19.03	18.96	18.97	20.00	19.70	19.51
3GPP Rel 6 DC-HSDPA Subtest-1		19.46	19.41	19.41	20.50	20.10	19.97
3GPP Rel 6 DC-HSDPA Subtest-2		19.36	19.15	19.29	20.50	19.80	19.79
3GPP Rel 6 DC-HSDPA Subtest-3		18.85	18.88	19.03	20.00	19.30	19.27
3GPP Rel 6 DC-HSDPA Subtest-4		18.98	18.88	18.68	20.00	19.52	19.37
3GPP Rel 6 HSUPA Subtest-1		19.33	19.55	19.49	20.50	19.62	20.03
3GPP Rel 6 HSUPA Subtest-2		17.54	17.55	17.49	18.50	17.96	18.00
3GPP Rel 6 HSUPA Subtest-3		18.51	18.38	18.48	19.50	19.00	18.96
3GPP Rel 6 HSUPA Subtest-4		17.95	17.52	17.41	18.50	17.84	17.96
3GPP Rel 6 HSUPA Subtest-5		19.48	19.68	19.54	20.50	20.01	20.15
3GPP Rel 7 HSPA+ (16QAM) Subtest-1		18.59	18.63	18.56	20.50	19.07	19.21

Band 2_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	19.50	19.59	19.41	20.5	0		
20	QPSK	1	49	19.45	19.48	19.41				
20	QPSK	1	99	19.44	19.47	19.29				
20	QPSK	50	0	19.47	19.55	19.40	20.5	0		
20	QPSK	50	24	19.38	19.47	19.36				
20	QPSK	50	50	19.45	19.51	19.35				
20	QPSK	100	0	19.42	19.53	19.33	20.5	0		
20	16QAM	1	0	19.39	19.46	19.34				
20	16QAM	1	49	19.36	19.57	19.32				
20	16QAM	1	99	19.44	19.55	19.28	20.5	0		
20	16QAM	50	0	19.35	19.54	19.34				
20	16QAM	50	24	19.44	19.44	19.31				
20	16QAM	50	50	19.47	19.54	19.38	20.5	0		
20	16QAM	100	0	19.45	19.55	19.33				
20	64QAM	1	0	19.47	19.58	19.30				
20	64QAM	1	49	19.42	19.49	19.40	20.5	0		
20	64QAM	1	99	19.41	19.58	19.36				
20	64QAM	50	0	19.37	19.53	19.33				
20	64QAM	50	24	19.39	19.51	19.29	20.5	0		
20	64QAM	50	50	19.39	19.44	19.29				
20	64QAM	100	0	19.49	19.51	19.42				
Channel										
Frequency (MHz)										
15	QPSK	1	0	18.57	18.80	19.02	20.5	0		
15	QPSK	1	37	19.33	19.46	19.38				
15	QPSK	1	74	19.38	19.35	19.14				
15	QPSK	36	0	19.33	19.50	19.28	20.5	0		
15	QPSK	36	20	19.28	19.42	19.33				
15	QPSK	36	39	19.30	19.46	19.20				
15	QPSK	75	0	19.40	19.52	19.23	20.5	0		
15	16QAM	1	0	19.27	19.39	19.31				
15	16QAM	1	37	19.30	19.53	19.17				
15	16QAM	1	74	19.29	19.40	19.13	20.5	0		
15	16QAM	36	0	19.29	19.42	19.24				
15	16QAM	36	20	19.38	19.36	19.25				
15	16QAM	36	39	19.38	19.47	19.32	20.5	0		
15	16QAM	75	0	19.37	19.40	19.28				
15	64QAM	1	0	19.34	19.44	19.26				
15	64QAM	1	37	19.32	19.34	19.25	20.5	0		
15	64QAM	1	74	19.29	19.56	19.34				
15	64QAM	36	0	19.34	19.43	19.24				
15	64QAM	36	20	19.28	19.48	19.24	20.5	0		
15	64QAM	36	39	19.30	19.43	19.26				
15	64QAM	75	0	19.46	19.39	19.41				
Channel										
Frequency (MHz)										
10	QPSK	1	0	18.55	18.80	19.05	20.5	0		
10	QPSK	1	25	19.34	19.40	19.38				
10	QPSK	1	49	19.40	19.37	19.19				
10	QPSK	25	0	19.40	19.43	19.29	20.5	0		
10	QPSK	25	12	19.33	19.34	19.26				
10	QPSK	25	25	19.40	19.43	19.31				
10	QPSK	50	0	19.32	19.45	19.18	20.5	0		
10	16QAM	1	0	19.34	19.43	19.23				
10	16QAM	1	25	19.23	19.48	19.22				
10	16QAM	1	49	19.40	19.43	19.26	20.5	0		
10	16QAM	25	0	19.27	19.49	19.30				
10	16QAM	25	12	19.39	19.37	19.24				
10	16QAM	25	25	19.45	19.44	19.35	20.5	0		
10	16QAM	50	0	19.30	19.41	19.31				
10	64QAM	1	0	19.44	19.56	19.22				
10	64QAM	1	25	19.34	19.44	19.31	20.5	0		
10	64QAM	1	49	19.39	19.45	19.31				
10	64QAM	25	0	19.30	19.51	19.18				
10	64QAM	25	12	19.34	19.37	19.19	20.5	0		
10	64QAM	25	25	19.38	19.41	19.20				
10	64QAM	50	0	19.38	19.38	19.27				
Channel										
Frequency (MHz)										
5	QPSK	1	0	18.52	18.80	19.07	20.5	0		
5	QPSK	1	12	19.37	19.46	19.39				
5	QPSK	1	24	19.35	19.43	19.23				
5	QPSK	12	0	19.44	19.46	19.31	20.5	0		
5	QPSK	12	7	19.25	19.38	19.30				
5	QPSK	12	13	19.33	19.43	19.31				
5	QPSK	25	0	19.39	19.49	19.27	20.5	0		
5	16QAM	1	0	19.26	19.42	19.22				
5	16QAM	1	12	19.29	19.51	19.28				
5	16QAM	1	24	19.37	19.50	19.23	20.5	0		
5	16QAM	12	0	19.31	19.39	19.27				
5	16QAM	12	7	19.33	19.29	19.16				
5	16QAM	12	13	19.37	19.40	19.36	20.5	0		
5	16QAM	25	0	19.31	19.50	19.20				
5	64QAM	1	0	19.34	19.46	19.31				
5	64QAM	1	12	19.32	19.43	19.31	20.5	0		
5	64QAM	1	24	19.34	19.54	19.25				
5	64QAM	12	0	19.28	19.45	19.18				
5	64QAM	12	7	19.34	19.41	19.19	20.5	0		
5	64QAM	12	13	19.26	19.32	19.18				
5	64QAM	25	0	19.35	19.50	19.28				
Channel										
Frequency (MHz)										
3	QPSK	1	0	18.51	18.80	19.06	20.5	0		
3	QPSK	1	8	19.44	19.38	19.27				
3	QPSK	1	14	19.40	19.36	19.14				
3	QPSK	8	0	19.34	19.45	19.29	20.5	0		
3	QPSK	8	4	19.37	19.35	19.30				
3	QPSK	8	7	19.43	19.44	19.32				
3	QPSK	15	0	19.33	19.41	19.21	20.5	0		
3	16QAM	1	0	19.36	19.44	19.24				
3	16QAM	1	8	19.23	19.46	19.18				
3	16QAM	1	14	19.34	19.54	19.21	20.5	0		
3	16QAM	8	0	19.34	19.41	19.25				
3	16QAM	8	4	19.30	19.37	19.26				
3	16QAM	8	7	19.37	19.40	19.37	20.5	0		
3	16QAM	15	0	19.31	19.46	19.19				
3	64QAM	1	0	19.33	19.44	19.16				
3	64QAM	1	8	19.33	19.45	19.39	20.5	0		
3	64QAM	1	14	19.35	19.55	19.34				
3	64QAM	8	0	19.29	19.50	19.28				
3	64QAM	8	4	19.36	19.45	19.20	20.5	0		
3	64QAM	8	7	19.29	19.37	19.24				
3	64QAM	15	0	19.35	19.48	19.30				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	18.57	18.80	19.03	20.5	0		
1.4	QPSK	1	3	19.42	19.47	19.26				
1.4	QPSK	1	5	19.37	19.36	19.19				
1.4	QPSK	3	0	19.36	19.46	19.25	20.5	0		
1.4	QPSK	3	1	19.24	19.46	19.28				
1.4	QPSK	3	3	19.44	19.45	19.25				
1.4	QPSK	6	0	19.37	19.43	19.16	20.5	0		
1.4	16QAM	1	0	19.26	19.43	19.24				
1.4	16QAM	1	3	19.22	19.56	19.23				
1.4	16QAM	1	5	19.43	19.40	19.22	20.5	0		
1.4	16QAM	3	0	19.28	19.48	19.33				
1.4	16QAM	3	1	19.36	19.42	19.32				
1.4	16QAM	3	3	19.46	19.46	19.32	20.5	0		
1.4	64QAM	1	0	19.30	19.47	19.24				
1.4	64QAM	1	0	19.33	19.47	19.21				
1.4	64QAM	1	3	19.35	19.48	19.36	20.5	0		
1.4	64QAM	1	5	19.33	19.57	19.24				
1.4	64QAM	3	0	19.31	19.48	19.27				
1.4	64QAM	3	1	19.34	19.40	19.28	20.5	0		
1.4	64QAM	3	3	19.36	19.36	19.32				
1.4	64QAM	6	0	19.39	19.40	19.28				

Band 4_Ant 2										
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	1725.5	1745	
20	QPSK	1	0	18.79	18.90	18.86	20	0		
20	QPSK	1	49	18.72	18.77	18.79				
20	QPSK	1	99	18.74	18.76	18.77	20	0		
20	QPSK	50	0	18.77	18.87	18.83				
20	QPSK	50	24	18.72	18.85	18.80	20	0		
20	QPSK	50	50	18.66	18.76	18.81				
20	QPSK	100	0	18.67	18.84	18.79	20	0		
20	16QAM	1	0	18.65	18.85	18.80				
20	16QAM	1	49	18.77	18.81	18.83	20	0		
20	16QAM	1	99	18.68	18.84	18.73				
20	16QAM	50	0	18.75	18.80	18.81	20	0		
20	16QAM	50	24	18.78	18.81	18.73				
20	16QAM	50	50	18.69	18.87	18.75	20	0		
20	16QAM	100	0	18.74	18.83	18.74				
20	64QAM	1	0	18.77	18.84	18.84	20	0		
20	64QAM	1	49	18.73	18.87	18.79				
20	64QAM	1	99	18.73	18.85	18.79	20	0		
20	64QAM	50	0	18.69	18.85	18.75				
20	64QAM	50	24	18.73	18.86	18.77	20	0		
20	64QAM	50	50	18.73	18.88	18.76				
20	64QAM	100	0	18.73	18.88	18.71	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)							1717.5	1732.5	1747.5	
15	QPSK	1	0	18.67	18.79	18.79	20	0		
15	QPSK	1	37	18.69	18.76	18.69				
15	QPSK	1	74	18.60	18.61	18.65	20	0		
15	QPSK	36	0	18.65	18.85	18.76				
15	QPSK	36	20	18.64	18.72	18.69	20	0		
15	QPSK	36	39	18.64	18.75	18.66				
15	QPSK	75	0	18.57	18.83	18.73	20	0		
15	16QAM	1	0	18.60	18.77	18.78				
15	16QAM	1	37	18.71	18.77	18.74	20	0		
15	16QAM	1	74	18.61	18.82	18.62				
15	16QAM	36	0	18.61	18.76	18.76	20	0		
15	16QAM	36	20	18.74	18.79	18.69				
15	16QAM	36	39	18.58	18.82	18.74	20	0		
15	16QAM	75	0	18.58	18.78	18.71				
15	64QAM	1	0	18.67	18.70	18.79	20	0		
15	64QAM	1	37	18.64	18.74	18.73				
15	64QAM	1	74	18.65	18.71	18.76	20	0		
15	64QAM	36	0	18.63	18.84	18.64				
15	64QAM	36	20	18.70	18.72	18.70	20	0		
15	64QAM	36	39	18.59	18.75	18.75				
15	64QAM	75	0	18.64	18.75	18.63	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)							1715	1732.5	1750	
10	QPSK	1	0	18.69	18.75	18.73	20	0		
10	QPSK	1	25	18.59	18.70	18.78				
10	QPSK	1	49	18.64	18.65	18.72	20	0		
10	QPSK	25	0	18.65	18.78	18.69				
10	QPSK	25	12	18.58	18.80	18.73	20	0		
10	QPSK	25	25	18.61	18.75	18.78				
10	QPSK	50	0	18.53	18.70	18.65	20	0		
10	16QAM	1	0	18.50	18.77	18.78				
10	16QAM	1	25	18.66	18.80	18.80	20	0		
10	16QAM	1	49	18.56	18.75	18.67				
10	16QAM	25	0	18.72	18.74	18.80	20	0		
10	16QAM	25	12	18.76	18.68	18.68				
10	16QAM	25	25	18.57	18.73	18.63	20	0		
10	16QAM	50	0	18.61	18.78	18.65				
10	64QAM	1	0	18.66	18.69	18.83	20	0		
10	64QAM	1	25	18.71	18.84	18.64				
10	64QAM	1	49	18.71	18.72	18.73	20	0		
10	64QAM	25	0	18.61	18.73	18.74				
10	64QAM	25	12	18.62	18.84	18.63	20	0		
10	64QAM	25	25	18.60	18.83	18.69				
10	64QAM	50	0	18.63	18.83	18.65	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)							1712.5	1732.5	1752.5	
5	QPSK	1	0	18.77	18.84	18.83	20	0		
5	QPSK	1	12	18.59	18.75	18.70				
5	QPSK	1	24	18.71	18.66	18.65	20	0		
5	QPSK	12	0	18.73	18.83	18.76				
5	QPSK	12	7	18.67	18.82	18.75	20	0		
5	QPSK	12	13	18.52	18.65	18.72				
5	QPSK	25	0	18.58	18.73	18.64	20	0		
5	16QAM	1	0	18.53	18.74	18.74				
5	16QAM	1	12	18.68	18.73	18.73	20	0		
5	16QAM	1	24	18.65	18.75	18.64				
5	16QAM	12	0	18.72	18.70	18.71	20	0		
5	16QAM	12	7	18.68	18.72	18.72				
5	16QAM	12	13	18.54	18.82	18.62	20	0		
5	16QAM	25	0	18.71	18.74	18.72				
5	64QAM	1	0	18.62	18.81	18.78	20	0		
5	64QAM	1	12	18.58	18.83	18.72				
5	64QAM	1	24	18.67	18.70	18.74	20	0		
5	64QAM	12	0	18.54	18.73	18.60				
5	64QAM	12	7	18.64	18.80	18.64	20	0		
5	64QAM	12	13	18.62	18.85	18.67				
5	64QAM	25	0	18.67	18.84	18.65	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)							1711.5	1732.5	1753.5	
3	QPSK	1	0	18.67	18.86	18.84	20	0		
3	QPSK	1	8	18.57	18.64	18.74				
3	QPSK	1	14	18.72	18.74	18.62	20	0		
3	QPSK	8	0	18.75	18.73	18.72				
3	QPSK	8	4	18.61	18.71	18.67	20	0		
3	QPSK	8	7	18.56	18.65	18.79				
3	QPSK	15	0	18.62	18.83	18.67	20	0		
3	16QAM	1	0	18.62	18.74	18.71				
3	16QAM	1	8	18.73	18.66	18.69	20	0		
3	16QAM	1	14	18.57	18.81	18.68				
3	16QAM	8	0	18.66	18.76	18.74	20	0		
3	16QAM	8	4	18.70	18.73	18.71				
3	16QAM	8	7	18.57	18.70	18.60	20	0		
3	16QAM	15	0	18.66	18.74	18.71				
3	64QAM	1	0	18.64	18.82	18.78	20	0		
3	64QAM	1	8	18.60	18.76	18.68				
3	64QAM	1	14	18.62	18.77	18.76	20	0		
3	64QAM	8	0	18.56	18.79	18.63				
3	64QAM	8	4	18.59	18.77	18.73	20	0		
3	64QAM	8	7	18.70	18.75	18.64				
3	64QAM	15	0	18.72	18.87	18.68	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)							1710.7	1723.5	1726.3	
1.4	QPSK	1	0	18.75	18.78	18.83	20	0		
1.4	QPSK	1	5	18.70	18.71	18.77				
1.4	QPSK	1	5	18.71	18.75	18.73	20	0		
1.4	QPSK	3	0	18.69	18.76	18.72				
1.4	QPSK	3	1	18.60	18.75	18.73	20	0		
1.4	QPSK	3	3	18.58	18.66	18.72				
1.4	QPSK	6	0	18.66	18.83	18.72	20	0		
1.4	16QAM	1	0	18.63	18.82	18.73				
1.4	16QAM	1	3	18.69	18.79	18.74	20	0		
1.4	16QAM	1	5	18.56	18.75	18.61				
1.4	16QAM	3	0	18.69	18.76	18.71	20	0		
1.4	16QAM	3	1	18.66	18.66	18.69				
1.4	16QAM	3	3	18.63	18.77	18.67	20	0		
1.4	16QAM	3	5	18.70	18.75	18.69				
1.4	64QAM	1	0	18.72	18.74	18.70	20	0		
1.4	64QAM	1	3	18.66	18.84	18.73				
1.4	64QAM	1	5	18.62	18.79	18.74	20	0		
1.4	64QAM	3	0	18.61	18.76	18.62				
1.4	64QAM	3	1	18.71	18.80	18.74	20	0		
1.4	64QAM	3	3	18.72	18.87	18.70				
1.4	64QAM	6	0	18.58	18.86	18.70	20	0		
1.4	64QAM	6	3	18.63	18.77	18.73				

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				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.17	23.20	23.15	25	0		
10	QPSK	1	25	24.16	24.11	24.08				
10	QPSK	1	49	24.07	23.98	23.93				
10	QPSK	25	0	23.15	23.16	23.12				
10	QPSK	25	12	23.12	23.13	23.10				
10	QPSK	25	25	23.10	23.12	23.07	24	1		
10	QPSK	50	0	23.08	23.10	23.02				
10	16QAM	1	0	23.32	23.11	23.15				
10	16QAM	1	25	23.37	23.14	23.20				
10	16QAM	1	49	23.07	23.02	23.11				
10	16QAM	25	0	22.19	22.12	21.98	23	2		
10	16QAM	25	12	22.24	22.15	22.18				
10	16QAM	25	25	22.12	22.06	22.07				
10	16QAM	50	0	22.14	22.11	22.04				
10	64QAM	1	0	22.49	22.27	22.11				
10	64QAM	1	25	22.38	22.27	22.41	23	2		
10	64QAM	1	49	22.25	22.23	22.14				
10	64QAM	25	0	21.26	21.00	21.04				
10	64QAM	25	12	21.28	21.14	21.15				
10	64QAM	25	25	21.10	20.99	21.05				
10	64QAM	50	0	21.05	21.15	21.10	22	3		
Channel				20425	20525	20625				
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	24.02	24.13	24.05	25	0		
5	QPSK	1	12	24.08	24.02	23.95				
5	QPSK	1	24	23.94	23.86	23.78				
5	QPSK	12	0	23.04	23.02	23.00				
5	QPSK	12	7	23.00	23.01	23.00				
5	QPSK	12	13	23.03	23.07	22.99	24	1		
5	QPSK	25	0	22.97	23.02	22.95				
5	16QAM	1	0	23.24	23.05	23.05				
5	16QAM	1	12	23.25	23.05	23.11				
5	16QAM	1	24	22.99	22.94	23.05				
5	16QAM	12	0	22.07	22.02	21.87	23	2		
5	16QAM	12	7	22.14	22.04	22.06				
5	16QAM	12	13	21.99	22.01	21.97				
5	16QAM	25	0	22.02	21.99	21.91				
5	64QAM	1	0	22.40	22.15	21.96				
5	64QAM	1	12	22.27	22.14	22.31	23	2		
5	64QAM	1	24	22.13	22.13	22.02				
5	64QAM	12	0	21.20	20.89	20.90				
5	64QAM	12	7	21.20	21.07	21.06				
5	64QAM	12	13	21.00	20.87	20.92				
5	64QAM	25	0	20.91	21.00	21.03	22	3		
Channel				20415	20525	20635				
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	24.10	24.07	24.08	25	0		
3	QPSK	1	8	24.09	24.01	23.96				
3	QPSK	1	14	23.95	23.87	23.84				
3	QPSK	8	0	23.08	23.06	23.03				
3	QPSK	8	4	23.07	23.04	23.05				
3	QPSK	8	7	23.02	22.97	23.02	24	1		
3	QPSK	15	0	22.98	23.00	22.96				
3	16QAM	1	0	23.19	23.00	23.03				
3	16QAM	1	8	23.32	23.06	23.05				
3	16QAM	1	14	22.99	22.97	23.00				
3	16QAM	8	0	22.05	21.97	21.87	23	2		
3	16QAM	8	4	22.09	22.01	22.09				
3	16QAM	8	7	22.01	21.95	21.95				
3	16QAM	15	0	21.99	21.97	21.92				
3	64QAM	1	0	22.35	22.17	22.03				
3	64QAM	1	8	22.28	22.22	22.33	23	2		
3	64QAM	1	14	22.17	22.10	21.99				
3	64QAM	8	0	21.21	20.87	20.95				
3	64QAM	8	4	21.13	21.09	21.06				
3	64QAM	8	7	21.01	20.84	20.90				
3	64QAM	15	0	20.92	21.00	21.00	22	3		
Channel				20407	20525	20643				
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	24.08	24.11	24.09	25	0		
1.4	QPSK	1	3	24.06	23.99	23.98				
1.4	QPSK	1	5	23.97	23.90	23.80				
1.4	QPSK	3	0	24.07	24.06	24.09				
1.4	QPSK	3	1	24.06	23.99	24.01				
1.4	QPSK	3	3	23.94	23.93	23.83	24	1		
1.4	QPSK	6	0	22.93	23.04	22.92				
1.4	16QAM	1	0	23.27	23.98	23.05				
1.4	16QAM	1	3	23.23	23.02	23.11				
1.4	16QAM	1	5	22.95	22.90	23.01				
1.4	16QAM	3	0	23.17	22.92	22.99	24	1		
1.4	16QAM	3	1	23.09	22.89	22.97				
1.4	16QAM	3	3	22.81	22.83	22.93				
1.4	16QAM	6	0	22.04	21.98	21.99				
1.4	64QAM	1	0	22.32	22.06	21.90				
1.4	64QAM	1	3	22.17	22.10	22.14	23	2		
1.4	64QAM	1	5	22.09	21.95	21.88				
1.4	64QAM	3	0	22.33	22.06	21.85				
1.4	64QAM	3	1	22.13	22.02	22.24				
1.4	64QAM	3	3	21.99	21.97	21.93				
1.4	64QAM	6	0	20.90	21.02	20.98	22	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						
Frequency (MHz)				829	836.5	844						
10	QPSK	1	0	24.12	24.15	24.11	25	0				
10	QPSK	1	25	24.07	24.10	24.01						
10	QPSK	1	49	23.96	23.99	23.86						
10	QPSK	25	0	23.05	23.08	23.01						
10	QPSK	25	12	23.03	23.04	23.01						
10	QPSK	25	25	23.02	23.07	22.97	24	1				
10	QPSK	50	0	23.15	23.16	23.07						
10	16QAM	1	0	23.18	23.36	23.48						
10	16QAM	1	25	23.32	23.42	23.37						
10	16QAM	1	49	23.35	23.38	23.38						
10	16QAM	25	0	22.10	22.05	22.11	23	2				
10	16QAM	25	12	22.21	21.99	22.11						
10	16QAM	25	25	22.19	21.97	22.12						
10	16QAM	50	0	22.11	22.04	21.95						
10	64QAM	1	0	22.12	22.30	22.46						
10	64QAM	1	25	22.34	22.25	22.30	23	2				
10	64QAM	1	49	22.16	22.20	22.33						
10	64QAM	25	0	21.14	21.10	21.06						
10	64QAM	25	12	21.14	21.01	20.96	22	3				
10	64QAM	25	25	21.06	21.12	21.01						
10	64QAM	50	0	21.04	21.06	21.05						
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				826.5	836.5	846.5						
5	QPSK	1	0	24.00	24.02	24.02	25	0				
5	QPSK	1	12	23.93	23.99	23.91						
5	QPSK	1	24	23.91	23.90	23.77						
5	QPSK	12	0	22.90	23.00	22.93						
5	QPSK	12	7	22.88	22.89	22.90						
5	QPSK	12	13	22.95	22.94	22.86	24	1				
5	QPSK	25	0	23.09	23.07	23.02						
5	16QAM	1	0	23.05	23.26	23.39						
5	16QAM	1	12	23.27	23.34	23.28						
5	16QAM	1	24	23.27	23.25	23.25						
5	16QAM	12	0	21.96	21.99	22.01	23	2				
5	16QAM	12	7	22.14	21.90	22.21						
5	16QAM	12	13	22.06	21.98	21.82						
5	16QAM	25	0	22.04	21.93	21.80						
5	64QAM	1	0	22.91	22.91	22.35						
5	64QAM	1	12	22.25	22.13	22.16	23	2				
5	64QAM	1	24	22.07	22.11	22.18						
5	64QAM	12	0	21.08	21.02	20.97						
5	64QAM	12	7	21.01	20.93	20.91	22	3				
5	64QAM	12	13	21.00	21.02	20.84						
5	64QAM	25	0	20.92	20.92	20.90						
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				825.5	836.5	847.5						
3	QPSK	1	0	24.04	24.10	24.02	25	0				
3	QPSK	1	8	23.94	24.01	23.87						
3	QPSK	1	14	23.85	23.92	23.79						
3	QPSK	8	0	22.96	23.02	23.02						
3	QPSK	8	4	22.95	22.96	22.94						
3	QPSK	8	8	22.95	22.95	22.92	24	1				
3	QPSK	15	0	23.10	23.01	22.95						
3	16QAM	1	0	23.09	23.21	23.40						
3	16QAM	1	8	23.21	23.34	23.23						
3	16QAM	1	14	23.30	23.24	23.25						
3	16QAM	8	0	22.02	22.01	22.01	23	2				
3	16QAM	8	4	22.07	21.92	22.01						
3	16QAM	8	7	22.05	21.89	22.02						
3	16QAM	15	0	21.97	21.96	21.80						
3	64QAM	1	0	22.04	22.17	22.41						
3	64QAM	1	8	22.23	22.20	22.23	23	2				
3	64QAM	1	14	22.29	22.22	22.22						
3	64QAM	8	0	21.09	21.05	20.97						
3	64QAM	8	4	21.08	20.95	20.88						
3	64QAM	8	7	21.01	21.01	20.95						
3	64QAM	15	0	20.96	20.94	20.98	22	3				
Channel				20407	20525	20643			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3						
1.4	QPSK	1	0	23.99	24.00	24.00	25	0				
1.4	QPSK	1	0	23.99	24.00	24.03						
1.4	QPSK	1	5	23.88	23.92	23.71						
1.4	QPSK	3	0	23.90	23.92	23.97						
1.4	QPSK	3	1	23.84	23.94	23.89						
1.4	QPSK	3	3	23.75	23.86	23.59	24	1				
1.4	QPSK	6	0	23.05	23.08	22.97						
1.4	16QAM	1	0	23.21	23.21	23.42						
1.4	16QAM	1	3	23.25	23.30	23.28						
1.4	16QAM	1	5	23.31	23.29	23.31						
1.4	16QAM	3	0	22.92	23.06	23.28	24	1				
1.4	16QAM	3	1	23.18	23.20	23.18						
1.4	16QAM	3	3	23.24	23.22	23.24						
1.4	16QAM	6	0	21.98	21.96	21.83						
1.4	64QAM	1	0	22.01	22.17	22.40						
1.4	64QAM	1	3	22.26	22.13	22.25	23	2				
1.4	64QAM	1	5	22.03	22.08	22.22						
1.4	64QAM	3	0	21.89	22.06	22.32						
1.4	64QAM	3	1	22.12	22.01	22.15						
1.4	64QAM	6	0	21.98	21.94	21.11						
1.4	64QAM	6	0	20.92	20.93	21.00	22					

Band 7_Ant 3											
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	18.15	18.25	18.18	19	0			
20	QPSK	1	49	18.02	18.21	18.07					
20	QPSK	1	99	18.10	18.24	18.10					
20	QPSK	50	0	18.10	18.24	18.16					
20	QPSK	50	24	18.03	18.21	18.05	19	0			
20	QPSK	50	50	18.07	18.20	18.04					
20	QPSK	100	0	18.06	18.20	18.16					
20	16QAM	1	0	18.06	18.14	18.12					
20	16QAM	1	49	18.02	18.23	18.14	19	0			
20	16QAM	1	99	18.00	18.20	18.12					
20	16QAM	50	0	18.00	18.12	18.10					
20	16QAM	50	24	18.12	18.20	18.17					
20	16QAM	50	50	18.14	18.17	18.04	19	0			
20	16QAM	100	0	18.02	18.23	18.05					
20	64QAM	1	0	18.06	18.14	18.16					
20	64QAM	1	49	18.11	18.23	18.05					
20	64QAM	1	99	18.12	18.24	18.05	19	0			
20	64QAM	50	0	18.06	18.23	18.17					
20	64QAM	50	24	18.05	18.19	18.08					
20	64QAM	50	50	18.04	18.16	18.16					
20	64QAM	100	0	18.13	18.18	18.12					
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2507.5	2535	2562.5					
15	QPSK	1	0	18.05	18.10	18.11	19	0			
15	QPSK	1	37	17.94	18.10	17.96					
15	QPSK	1	74	17.98	18.16	18.03					
15	QPSK	36	0	17.99	18.15	18.06					
15	QPSK	36	20	17.92	18.14	17.99	19	0			
15	QPSK	36	39	18.02	18.14	18.03					
15	QPSK	75	0	18.03	18.18	18.15					
15	16QAM	1	0	18.02	18.07	18.05					
15	16QAM	1	37	17.93	18.17	18.08	19	0			
15	16QAM	1	74	17.94	18.11	18.07					
15	16QAM	36	0	17.97	18.05	18.00					
15	16QAM	36	20	18.05	18.13	18.07					
15	16QAM	36	39	18.13	18.10	17.92	19	0			
15	16QAM	75	0	17.96	18.22	18.01					
15	64QAM	1	0	18.01	18.00	18.00					
15	64QAM	1	37	18.10	18.22	18.00					
15	64QAM	1	74	17.97	18.13	18.00	19	0			
15	64QAM	36	0	17.95	18.21	18.05					
15	64QAM	36	20	17.96	18.15	18.02					
15	64QAM	36	39	17.94	18.04	18.15					
15	64QAM	75	0	18.10	18.12	17.97					
Channel				20900	21100	21400	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2505	2535	2565					
10	QPSK	1	0	18.14	18.19	18.16	19	0			
10	QPSK	1	25	17.97	18.13	17.96					
10	QPSK	1	49	18.05	18.15	17.95					
10	QPSK	25	0	18.04	18.13	18.12					
10	QPSK	25	12	17.99	18.15	17.98	19	0			
10	QPSK	25	25	18.01	18.15	17.98					
10	QPSK	50	0	17.96	18.17	18.05					
10	16QAM	1	0	17.93	18.04	18.02					
10	16QAM	1	25	17.90	18.11	18.09	19	0			
10	16QAM	1	49	17.85	18.08	17.98					
10	16QAM	25	0	17.94	18.04	17.97					
10	16QAM	25	12	17.99	18.14	18.03					
10	16QAM	25	25	18.00	18.09	17.92	19	0			
10	16QAM	50	0	17.99	18.11	18.01					
10	64QAM	1	0	17.91	18.07	18.04					
10	64QAM	1	25	18.09	18.19	17.90					
10	64QAM	1	49	18.08	18.14	17.98	19	0			
10	64QAM	25	0	18.02	18.14	18.05					
10	64QAM	25	12	17.95	18.14	17.93					
10	64QAM	25	25	17.94	18.01	18.04					
10	64QAM	50	0	18.08	18.10	18.00					
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2502.5	2535	2567.5					
5	QPSK	1	0	18.08	18.15	18.06	19	0			
5	QPSK	1	12	17.85	18.08	18.05					
5	QPSK	1	24	18.02	18.10	17.95					
5	QPSK	12	0	17.98	18.17	18.09					
5	QPSK	12	7	17.90	18.10	17.96	19	0			
5	QPSK	12	13	17.99	18.12	18.00					
5	QPSK	25	0	17.95	18.11	18.05					
5	16QAM	1	0	18.01	18.06	18.08					
5	16QAM	1	12	17.89	18.12	18.04	19	0			
5	16QAM	1	24	17.88	18.16	17.97					
5	16QAM	12	0	17.96	17.97	18.09					
5	16QAM	12	7	18.07	18.06	18.05					
5	16QAM	12	13	18.08	18.07	17.95	19	0			
5	16QAM	25	0	17.96	18.15	18.03					
5	64QAM	1	0	17.96	18.13	18.07					
5	64QAM	1	12	18.02	18.21	17.98					
5	64QAM	1	24	18.04	18.09	18.01	19	0			
5	64QAM	12	0	17.94	18.17	18.09					
5	64QAM	12	7	18.01	18.04	18.06					
5	64QAM	12	13	18.01	18.12	18.08					
5	64QAM	25	0	18.05	18.10	18.02					

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	19.65	19.70	19.62	20	0					
20	QPSK	1	49	19.56	19.63	19.55							
20	QPSK	1	99	19.56	19.66	19.59							
20	QPSK	50	0	19.63	19.65	19.58							
20	QPSK	50	24	19.62	19.63	19.50	20	0					
20	QPSK	50	50	19.53	19.60	19.53							
20	QPSK	100	0	19.53	19.56	19.54							
20	16QAM	1	0	19.63	19.61	19.54							
20	16QAM	1	49	19.61	19.69	19.59	20	0					
20	16QAM	1	99	19.54	19.55	19.52	20	0					
20	16QAM	50	0	19.59	19.69	19.58							
20	16QAM	50	24	19.61	19.67	19.51							
20	16QAM	50	50	19.54	19.65	19.51							
20	16QAM	100	0	19.54	19.65	19.54	20	0					
20	64QAM	1	0	19.56	19.61	19.60							
20	64QAM	1	49	19.58	19.67	19.51							
20	64QAM	1	99	19.62	19.63	19.57							
20	64QAM	50	0	19.63	19.67	19.61	20	0					
20	64QAM	50	24	19.53	19.63	19.60							
20	64QAM	50	50	19.56	19.69	19.56							
20	64QAM	100	0	19.59	19.60	19.50							
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)					
Frequency (MHz)				2507.5	2535	2562.5							
15	QPSK	1	0	19.62	19.56	19.56	20	0					
15	QPSK	1	37	19.56	19.57	19.51							
15	QPSK	1	74	19.50	19.64	19.57							
15	QPSK	36	0	19.52	19.58	19.54							
15	QPSK	36	39	19.53	19.56	19.39	20	0					
15	QPSK	75	0	19.46	19.48	19.42							
15	16QAM	1	0	19.62	19.46	19.43							
15	16QAM	1	37	19.52	19.58	19.48							
15	16QAM	1	74	19.52	19.48	19.48	20	0					
15	16QAM	36	0	19.52	19.60	19.44							
15	16QAM	36	39	19.53	19.60	19.47							
15	16QAM	75	0	19.46	19.59	19.50							
15	64QAM	1	0	19.50	19.59	19.50	20	0					
15	64QAM	1	37	19.52	19.62	19.49							
15	64QAM	1	74	19.59	19.62	19.55							
15	64QAM	36	0	19.49	19.53	19.49							
15	64QAM	36	39	19.46	19.52	19.48	20	0					
15	64QAM	36	74	19.57	19.57	19.48							
15	64QAM	75	0	19.58	19.64	19.45							
15	64QAM	75	39	19.58	19.64	19.40							
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)					
Frequency (MHz)				2509	2535	2565							
10	QPSK	1	0	19.59	19.67	19.52	20	0					
10	QPSK	1	25	19.43	19.63	19.44							
10	QPSK	1	49	19.42	19.54	19.43							
10	QPSK	25	0	19.58	19.54	19.48							
10	QPSK	25	12	19.61	19.56	19.37	20	0					
10	QPSK	25	25	19.48	19.52	19.39							
10	QPSK	50	0	19.46	19.50	19.49							
10	16QAM	1	0	19.61	19.60	19.42							
10	16QAM	1	25	19.53	19.57	19.45	20	0					
10	16QAM	1	49	19.43	19.51	19.39							
10	16QAM	25	0	19.53	19.43	19.51							
10	16QAM	25	12	19.60	19.47	19.55							
10	16QAM	25	25	19.53	19.53	19.40	20	0					
10	16QAM	50	0	19.49	19.57	19.43							
10	64QAM	1	0	19.45	19.54	19.46							
10	64QAM	1	25	19.49	19.61	19.39							
10	64QAM	1	49	19.54	19.57	19.46	20	0					
10	64QAM	25	0	19.52	19.53	19.47							
10	64QAM	25	12	19.41	19.55	19.56							
10	64QAM	25	25	19.44	19.45	19.48							
10	64QAM	50	0	19.45	19.61	19.40	20	0					
Channel				20775	21100	21425			Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2502.5	2535	2567.5							
5	QPSK	1	0	19.59	19.69	19.56			20	0			
5	QPSK	1	12	19.57	19.54	19.43							
5	QPSK	1	24	19.45	19.64	19.47							
5	QPSK	12	0	19.61	19.58	19.48							
5	QPSK	12	7	19.52	19.59	19.41	20	0					
5	QPSK	12	13	19.52	19.57	19.51							
5	QPSK	25	0	19.38	19.46	19.41							
5	16QAM	1	0	19.50	19.51	19.41							
5	16QAM	1	12	19.60	19.59	19.58	20	0					
5	16QAM	1	24	19.39	19.42	19.51							
5	16QAM	12	0	19.46	19.63	19.43							
5	16QAM	12	7	19.49	19.53	19.55							
5	16QAM	12	13	19.54	19.54	19.37	20	0					
5	16QAM	25	0	19.45	19.62	19.50							
5	64QAM	1	0	19.41	19.46	19.53							
5	64QAM	1	12	19.45	19.46	19.46							
5	64QAM	1	24	19.61	19.59	19.51	20	0					
5	64QAM	12	0	19.53	19.61	19.48							
5	64QAM	12	7	19.52	19.52	19.56							
5	64QAM	12	13	19.53	19.45	19.35							
5	64QAM	25	0	19.54	19.54	19.47	20	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	23065	23150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	22.54	22.58	22.51	23.5	0		
10	QPSK	1	25	22.50	22.44	22.38				
10	QPSK	1	49	22.52	22.54	22.48				
10	QPSK	25	0	22.51	22.55	22.46				
10	QPSK	25	12	22.42	22.43	22.44	23.5	0		
10	QPSK	25	25	22.49	22.43	22.40				
10	QPSK	50	0	22.39	22.49	22.46				
10	16QAM	1	0	22.49	22.45	22.47				
10	16QAM	1	25	22.44	22.45	22.50	23.5	0		
10	16QAM	1	49	22.46	22.57	22.47				
10	16QAM	25	0	22.17	22.05	22.08				
10	16QAM	25	12	22.19	22.05	22.00				
10	16QAM	25	25	22.10	22.04	22.14	23	0.5		
10	16QAM	50	0	22.08	22.12	21.98				
10	64QAM	1	0	22.12	22.40	22.37				
10	64QAM	1	25	22.15	22.30	22.40				
10	64QAM	1	49	22.10	22.41	22.42	23	0.5		
10	64QAM	25	0	21.14	21.01	20.96				
10	64QAM	25	12	21.20	21.03	21.00				
10	64QAM	25	25	21.09	21.11	21.08				
10	64QAM	50	0	21.18	21.05	20.93	22	1.5		
Channel				23035	23095	23155				
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	22.49	22.46	22.44	23.5	0		
5	QPSK	1	12	22.45	22.39	22.36				
5	QPSK	1	24	22.43	22.51	22.44				
5	QPSK	12	0	22.37	22.43	22.42				
5	QPSK	12	7	22.29	22.34	22.40	23.5	0		
5	QPSK	12	13	22.34	22.30	22.26				
5	QPSK	25	0	22.35	22.35	22.45				
5	16QAM	1	0	22.44	22.33	22.39				
5	16QAM	1	12	22.41	22.40	22.42	23.5	0		
5	16QAM	1	24	22.35	22.52	22.45				
5	16QAM	12	0	22.08	21.93	22.00				
5	16QAM	12	7	22.12	21.98	21.92				
5	16QAM	12	13	22.04	21.99	22.01	23	0.5		
5	16QAM	25	0	22.02	21.97	21.85				
5	64QAM	1	0	21.97	22.30	22.27				
5	64QAM	1	12	22.10	22.22	22.33				
5	64QAM	1	24	22.04	22.31	22.33	23	0.5		
5	64QAM	12	0	21.03	20.88	20.89				
5	64QAM	12	7	21.13	20.94	20.93				
5	64QAM	12	13	20.98	21.06	21.03				
5	64QAM	25	0	21.07	20.93	20.79	22	1.5		
Channel				23025	23095	23165				
Frequency (MHz)				700.5	707.5	714.5	Tune-up limit (dBm)	MPR (dB)		
3	QPSK	1	0	22.43	22.49	22.43	23.5	0		
3	QPSK	1	8	22.44	22.33	22.25				
3	QPSK	1	14	22.45	22.46	22.46				
3	QPSK	8	0	22.36	22.40	22.33				
3	QPSK	8	4	22.39	22.38	22.42	23.5	0		
3	QPSK	8	7	22.42	22.37	22.39				
3	QPSK	15	0	22.28	22.48	22.43				
3	16QAM	1	0	22.38	22.36	22.39				
3	16QAM	1	8	22.30	22.39	22.36	23.5	0		
3	16QAM	1	14	22.44	22.42	22.42				
3	16QAM	8	0	22.04	21.94	21.99				
3	16QAM	8	4	22.11	21.99	21.93				
3	16QAM	8	7	21.99	21.95	22.08	23	0.5		
3	16QAM	15	0	22.02	22.05	21.86				
3	64QAM	1	0	21.97	22.35	22.22				
3	64QAM	1	8	22.10	22.23	22.30				
3	64QAM	1	14	22.03	22.30	22.31	23	0.5		
3	64QAM	8	0	21.01	20.94	20.83				
3	64QAM	8	4	21.07	20.88	20.93				
3	64QAM	8	7	20.94	21.05	20.95				
3	64QAM	15	0	21.10	20.97	20.80	22	1.5		
Channel				23017	23095	23173				
Frequency (MHz)				699.7	707.5	716.3	Tune-up limit (dBm)	MPR (dB)		
1.4	QPSK	1	0	22.52	22.51	22.46	23.5	0		
1.4	QPSK	1	3	22.49	22.33	22.35				
1.4	QPSK	1	5	22.39	22.44	22.36				
1.4	QPSK	3	0	22.53	22.51	22.49				
1.4	QPSK	3	1	22.41	22.34	22.36	23.5	0		
1.4	QPSK	3	3	22.40	22.51	22.34				
1.4	QPSK	6	0	22.36	22.52	22.35				
1.4	16QAM	1	0	22.27	22.40	22.36				
1.4	16QAM	1	3	22.41	22.28	22.33	23.5	0		
1.4	16QAM	1	5	22.27	22.45	22.37				
1.4	16QAM	3	0	22.39	22.36	22.40				
1.4	16QAM	3	1	22.38	22.41	22.42				
1.4	16QAM	3	3	22.39	22.52	22.37	23	0.5		
1.4	16QAM	6	0	21.99	21.99	21.84				
1.4	64QAM	1	0	21.87	22.27	22.25				
1.4	64QAM	1	3	21.87	22.11	22.25				
1.4	64QAM	1	5	21.90	22.30	22.24	23	0.5		
1.4	64QAM	3	0	21.84	22.19	22.25				
1.4	64QAM	3	1	21.94	22.14	22.27				
1.4	64QAM	3	3	21.97	22.23	22.27				
1.4	64QAM	6	0	21.06	20.91	20.81	22	1.5		

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	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				709	710	711				
10	QPSK	1	0	24.01	24.11	24.03	25	0		
10	QPSK	1	25	23.95	24.10	23.90				
10	QPSK	1	49	23.87	23.98	23.84				
10	QPSK	25	0	23.99	23.10	23.04				
10	QPSK	25	12	22.95	22.94	23.03	24	1		
10	QPSK	25	25	23.03	22.98	22.99				
10	QPSK	50	0	22.95	23.03	22.93				
10	16QAM	1	0	23.24	23.01	23.24				
10	16QAM	1	25	23.13	23.05	23.08	24	1		
10	16QAM	1	49	23.25	23.03	23.04				
10	16QAM	25	0	21.99	22.02	21.95				
10	16QAM	25	12	22.09	21.91	21.84				
10	16QAM	25	25	21.86	22.13	21.97	23	2		
10	16QAM	50	0	22.06	21.86	21.88				
10	64QAM	1	0	22.11	21.90	22.09				
10	64QAM	1	25	22.04	22.10	22.20				
10	64QAM	1	49	22.26	22.05	22.23	23	2		
10	64QAM	25	0	20.81	20.92	21.03				
10	64QAM	25	12	20.97	20.96	20.92	22	3		
10	64QAM	25	25	21.05	21.01	20.93				
10	64QAM	50	0	21.93	21.92	21.93				
Channel				23755	23790	23825				
Frequency (MHz)				706.5	710	713.5				
5	QPSK	1	0	23.91	23.92	23.96	25	0		
5	QPSK	1	12	23.78	23.89	23.77				
5	QPSK	1	24	23.78	23.89	23.75				
5	QPSK	12	0	22.91	22.88	22.97				
5	QPSK	12	7	22.96	22.89	22.85	24	1		
5	QPSK	12	13	22.85	22.91	22.88				
5	QPSK	25	0	22.83	22.84	22.80				
5	16QAM	1	0	23.05	22.87	23.12				
5	16QAM	1	12	23.07	22.90	23.04	24	1		
5	16QAM	1	24	23.16	22.91	23.07				
5	16QAM	12	0	22.92	21.96	21.84				
5	16QAM	12	7	22.02	21.84	21.89				
5	16QAM	12	13	21.84	21.97	21.93	23	2		
5	16QAM	25	0	21.92	21.76	21.83				
5	64QAM	1	0	21.98	21.81	21.86				
5	64QAM	1	12	21.97	22.05	21.84				
5	64QAM	1	24	22.11	21.97	22.19	23	2		
5	64QAM	12	0	20.77	20.77	20.54				
5	64QAM	12	7	20.87	20.92	20.82				
5	64QAM	12	13	21.03	20.90	20.78				
5	64QAM	25	0	20.79	20.79	20.85	22	3		

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												
Frequency (MHz)												
15	QPSK	1	0	24.16	24.21	24.18	25	0				
15	QPSK	1	37	23.90	23.89	23.86						
15	QPSK	1	74	23.84	23.79	23.81	24	1				
15	QPSK	36	0	23.10	23.12	23.02						
15	QPSK	36	20	23.09	22.95	22.95	23	2				
15	QPSK	36	39	23.05	23.06	22.99						
15	QPSK	75	0	23.08	23.10	22.84	24	1				
15	16QAM	1	0	23.27	23.39	23.31						
15	16QAM	1	37	23.32	23.28	23.41	23	2				
15	16QAM	1	74	23.33	23.25	23.30						
15	16QAM	36	0	22.00	22.06	21.86	22	3				
15	16QAM	36	20	22.08	21.94	21.97						
15	16QAM	36	39	22.14	21.96	22.03	23	2				
15	16QAM	75	0	22.18	21.94	22.02						
15	64QAM	1	0	22.24	21.85	21.90	24	1				
15	64QAM	1	37	22.16	22.25	22.10						
15	64QAM	1	74	22.18	21.87	21.83	23	2				
15	64QAM	36	0	20.93	21.04	21.12						
15	64QAM	36	20	21.12	20.84	21.15	22	3				
15	64QAM	36	39	21.07	21.15	21.14						
15	64QAM	75	0	21.06	21.00	21.07	25	0				
Channel												
Frequency (MHz)												
10	QPSK	1	0	23.81	23.85	23.81	24	1				
10	QPSK	1	25	23.83	23.74	23.75						
10	QPSK	1	49	23.75	23.75	23.75	23	2				
10	QPSK	25	0	23.03	22.99	22.91						
10	QPSK	25	12	22.98	22.89	22.83	24	1				
10	QPSK	25	25	22.90	22.91	22.92						
10	QPSK	50	0	22.99	23.03	22.78	24	1				
10	16QAM	1	0	23.22	23.26	23.21						
10	16QAM	1	25	23.21	23.17	23.29	23	2				
10	16QAM	1	49	23.28	23.19	23.17						
10	16QAM	25	0	21.87	22.00	21.76	22	3				
10	16QAM	25	12	21.99	21.83	21.84						
10	16QAM	25	25	22.06	21.81	21.90	24	1				
10	16QAM	50	0	22.08	21.89	21.95						
10	64QAM	1	0	22.11	21.73	21.82	23	2				
10	64QAM	1	25	22.01	22.19	21.97						
10	64QAM	1	49	22.03	21.81	21.78	22	3				
10	64QAM	25	0	20.80	20.98	21.05						
10	64QAM	25	12	21.06	20.87	21.10	25	0				
10	64QAM	25	25	20.84	21.02	21.09						
10	64QAM	50	0	20.94	20.91	21.00	24	1				
Channel												
Frequency (MHz)												
5	QPSK	1	0	23.83	23.88	23.82	24	1				
5	QPSK	1	12	23.84	23.83	23.81						
5	QPSK	1	24	23.70	23.64	23.73	23	2				
5	QPSK	12	0	22.97	23.05	22.94						
5	QPSK	12	7	22.95	22.81	22.88	24	1				
5	QPSK	12	13	22.93	22.97	22.92						
5	QPSK	25	0	23.02	22.97	22.72	24	1				
5	16QAM	1	0	23.22	23.29	23.26						
5	16QAM	1	12	23.20	23.19	23.33	23	2				
5	16QAM	1	24	23.18	23.18	23.15						
5	16QAM	12	0	21.92	21.94	21.77	22	3				
5	16QAM	12	7	21.97	21.85	21.84						
5	16QAM	12	13	22.02	21.84	21.98	24	1				
5	16QAM	25	0	22.08	21.86	21.94						
5	64QAM	1	0	22.12	21.71	21.76	23	2				
5	64QAM	1	12	22.07	22.16	21.97						
5	64QAM	1	24	22.12	21.80	21.85	22	3				
5	64QAM	12	0	20.79	20.98	20.98						
5	64QAM	12	7	21.04	20.82	21.10	25	0				
5	64QAM	12	13	20.92	21.09	21.02						
5	64QAM	25	0	21.00	20.86	21.01	24	1				
Channel												
Frequency (MHz)												
3	QPSK	1	0	23.84	23.90	23.77	25	0				
3	QPSK	1	8	23.82	23.78	23.77						
3	QPSK	1	14	23.72	23.68	23.73	24	1				
3	QPSK	8	0	23.02	23.01	22.92						
3	QPSK	8	4	23.01	22.80	22.87	23	1				
3	QPSK	8	7	22.95	22.94	22.94						
3	QPSK	15	0	23.03	22.98	22.78	22	3				
3	16QAM	1	0	23.16	23.32	23.17						
3	16QAM	1	8	23.19	23.22	23.26	24	1				
3	16QAM	1	14	23.23	23.19	23.22						
3	16QAM	8	0	21.87	22.01	21.76	23	2				
3	16QAM	8	4	21.97	21.87	21.87						
3	16QAM	8	7	22.09	21.83	21.92	22	3				
3	16QAM	15	0	22.09	21.86	21.90						
3	64QAM	1	0	22.13	21.80	21.75	24	1				
3	64QAM	1	8	22.05	22.14	22.02						
3	64QAM	1	14	22.03	21.81	21.78	23	2				
3	64QAM	8	0	20.84	20.92	21.07						
3	64QAM	8	4	21.06	20.88	21.03	22	3				
3	64QAM	8	7	20.96	21.01	20.99						
3	64QAM	15	0	20.91	20.85	20.98	25	0				
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	815.5	831.5	847.5	24	1				
1.4	QPSK	1	3	23.81	23.94	23.74						
1.4	QPSK	1	5	23.75	23.84	23.89	25	0				
1.4	QPSK	3	0	23.72	23.83	23.59						
1.4	QPSK	3	1	23.68	23.62	23.61	24	1				
1.4	QPSK	3	3	23.70	23.54	23.58						
1.4	QPSK	6	0	23.03	22.96	22.72	24	1				
1.4	16QAM	1	0	23.16	23.33	23.21						
1.4	16QAM	1	3	23.18	23.23	23.35	24	1				
1.4	16QAM	1	5	23.23	23.14	23.24						
1.4	16QAM	3	0	23.09	23.28	23.10	23	2				
1.4	16QAM	3	1	23.06	23.16	23.25						
1.4	16QAM	3	3	23.09	23.05	23.15	23	2				
1.4	16QAM	6	0	22.13	21.86	21.89						
1.4	64QAM	1	0	22.01	21.63	21.65	23	2				
1.4	64QAM	1	3	22.00	22.03	21.92						
1.4	64QAM	1	5	22.01	21.73	21.81	23	2				
1.4	64QAM	3	0	22.03	21.64	21.70						
1.4	64QAM	3	1	22.01	22.03	21.92	24	1				
1.4	64QAM	3	3	22.05	21.70	21.72						
1.4	64QAM	6	0	20.91	20.91	20.98	22	3				
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	816.1	831.5	848.5	25	0				
1.4	QPSK	1	3	23.82	23.81	23.77						
1.4	QPSK	1	5	23.76	23.69	23.70	24	1				
1.4	QPSK	3	0	23.78	23.87	23.59						

Band 66_Ant 3										
BW [MHz]	Modulation n	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	20.80	21.02	20.89	22	0		
20	QPSK	1	49	20.71	20.90	20.81				
20	QPSK	1	99	20.76	20.92	20.83				
20	QPSK	50	0	20.77	20.97	20.85	22	0		
20	QPSK	50	24	20.66	20.89	20.80				
20	QPSK	50	50	20.75	20.90	20.82				
20	QPSK	100	0	20.72	20.95	20.81	22	0		
20	16QAM	1	0	20.75	20.91	20.74				
20	16QAM	1	49	20.74	20.94	20.77				
20	16QAM	1	99	20.68	20.88	20.75	22	0		
20	16QAM	50	0	20.72	20.92	20.79				
20	16QAM	50	24	20.67	20.93	20.81				
20	16QAM	50	50	20.75	20.92	20.79	22	0		
20	16QAM	100	0	20.73	21.00	20.82				
20	64QAM	1	0	20.67	21.01	20.83	22	0		
20	64QAM	1	49	20.68	20.88	20.83				
20	64QAM	1	99	20.74	20.94	20.81				
20	64QAM	50	0	20.09	20.25	20.45	21.5	0.5		
20	64QAM	50	24	20.20	20.15	20.41				
20	64QAM	50	50	20.07	20.31	20.51				
20	64QAM	100	0	20.04	20.19	20.48				
Channel				132047	132322	132597	Tune-up limit [dBm]	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	20.65	20.99	20.84	22	0		
15	QPSK	1	37	20.56	20.86	20.68				
15	QPSK	1	74	20.71	20.86	20.77				
15	QPSK	36	0	20.70	20.87	20.75	22	0		
15	QPSK	36	20	20.64	20.79	20.66				
15	QPSK	36	39	20.69	20.75	20.68				
15	QPSK	75	0	20.58	20.88	20.69	22	0		
15	16QAM	1	0	20.62	20.85	20.61				
15	16QAM	1	37	20.60	20.85	20.76				
15	16QAM	1	74	20.65	20.83	20.72	22	0		
15	16QAM	36	0	20.58	20.87	20.74				
15	16QAM	36	20	20.55	20.81	20.72				
15	16QAM	36	39	20.72	20.90	20.73	22	0		
15	16QAM	75	0	20.64	20.99	20.72				
15	64QAM	1	0	20.66	20.94	20.76				
15	64QAM	1	37	20.63	20.84	20.81	22	0		
15	64QAM	1	74	20.62	20.91	20.79				
15	64QAM	36	0	20.05	20.24	20.41				
15	64QAM	36	20	20.13	20.12	20.37	21.5	0.5		
15	64QAM	36	39	20.01	20.24	20.41				
15	64QAM	75	0	19.95	20.13	20.33				
Channel				132022	132322	132622	Tune-up limit [dBm]	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	20.78	20.99	20.73	22	0		
10	QPSK	1	25	20.65	20.75	20.66				
10	QPSK	1	49	20.62	20.79	20.82				
10	QPSK	25	0	20.73	20.85	20.77	22	0		
10	QPSK	25	12	20.55	20.84	20.72				
10	QPSK	25	25	20.67	20.77	20.81				
10	QPSK	50	0	20.66	20.92	20.75	22	0		
10	16QAM	1	0	20.84	20.79	20.73				
10	16QAM	1	25	20.60	20.91	20.68				
10	16QAM	1	49	20.65	20.92	20.73	22	0		
10	16QAM	25	0	20.66	20.85	20.67				
10	16QAM	25	12	20.57	20.90	20.79				
10	16QAM	25	25	20.61	20.84	20.74	22	0		
10	16QAM	50	0	20.71	20.88	20.72				
10	64QAM	1	0	20.53	20.96	20.74	22	0		
10	64QAM	1	25	20.61	20.73	20.81				
10	64QAM	1	49	20.67	20.89	20.78				
10	64QAM	25	0	20.00	20.17	20.36	21.5	0.5		
10	64QAM	25	12	20.19	20.03	20.38				
10	64QAM	25	25	19.97	20.25	20.41				
10	64QAM	50	0	19.92	20.05	20.34				
Channel				131997	132322	132647	Tune-up limit [dBm]	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	20.69	20.98	20.78	22	0		
5	QPSK	1	12	20.64	20.87	20.70				
5	QPSK	1	24	20.75	20.79	20.72				
5	QPSK	12	0	20.62	20.87	20.83	22	0		
5	QPSK	12	7	20.59	20.77	20.69				
5	QPSK	12	13	20.70	20.76	20.70				
5	QPSK	25	0	20.71	20.81	20.69	22	0		
5	16QAM	1	0	20.71	20.79	20.60				
5	16QAM	1	12	20.71	20.93	20.68				
5	16QAM	1	24	20.55	20.86	20.62	22	0		
5	16QAM	12	0	20.60	20.80	20.75				
5	16QAM	12	7	20.55	20.81	20.71				
5	16QAM	12	13	20.68	20.90	20.66	22	0		
5	16QAM	25	0	20.66	20.98	20.79				
5	64QAM	1	0	20.60	20.89	20.61	22	0		
5	64QAM	1	12	20.65	20.87	20.69				
5	64QAM	1	24	20.69	20.88	20.70				
5	64QAM	12	0	19.97	20.22	20.42	21.5	0.5		
5	64QAM	12	7	20.13	20.08	20.43				
5	64QAM	12	13	19.97	20.28	20.42				
5	64QAM	25	0	19.94	20.11	20.33				
Channel				131967	132322	132657	Tune-up limit [dBm]	MPR (dB)		
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	20.71	21.00	20.82	22	0		
3	QPSK	1	8	20.67	20.79	20.72				
3	QPSK	1	14	20.72	20.80	20.78				
3	QPSK	8	0	20.63	20.95	20.76	22	0		
3	QPSK	8	4	20.59	20.85	20.76				
3	QPSK	8	7	20.69	20.81	20.79				
3	QPSK	15	0	20.64	20.94	20.69	22	0		
3	16QAM	1	0	20.61	20.90	20.67				
3	16QAM	1	8	20.63	20.85	20.75				
3	16QAM	1	14	20.55	20.90	20.70	22	0		
3	16QAM	8	0	20.58	20.89	20.73				
3	16QAM	8	4	20.66	20.88	20.79				
3	16QAM	8	7	20.63	20.78	20.78	22	0		
3	16QAM	15	0	20.58	20.92	20.69				
3	64QAM	1	0	20.63	20.87	20.72				
3	64QAM	1	8	20.55	20.75	20.69	22	0		
3	64QAM	1	14	20.60	20.90	20.68				
3	64QAM	8	0	19.95	20.10	20.30				
3	64QAM	8	4	20.18	20.07	20.38	21.5	0.5		
3	64QAM	8	7	20.03	20.28	20.41				
3	64QAM	15	0	19.99	20.15	20.38				
Channel				131979	132322	132665	Tune-up limit [dBm]	MPR (dB)		
Frequency (MHz)				1710.7	1745	1779.3				
1.4	QPSK	1	0	20.77	21.00	20.77	22	0		
1.4	QPSK	1	3	20.62	20.88	20.68				
1.4	QPSK	1	5	20.64	20.80	20.73				
1.4	QPSK	3	0	20.71	20.92	20.73	22	0		
1.4	QPSK	3	1	20.62	20.83	20.69				
1.4	QPSK	3	3	20.69	20.84	20.72				
1.4	QPSK	6	0	20.75	20.94	20.77	22	0		
1.4	16QAM	1	0	20.62	20.85	20.79				
1.4	16QAM	1	3	20.72	20.88	20.80	22	0		
1.4	16QAM	1	5	20.60	20.85	20.69				
1.4	16QAM	3	0	20.62	20.78	20.68				
1.4	16QAM	3	1	20.66	20.91	20.66	22	0		
1.4	16QAM	3	3	20.61	20.96	20.74				
1.4	16QAM	6	0	20.64	20.92	20.69				
1.4	64QAM	1	0	20.56	20.85	20.64	22	0		
1.4	64QAM	1	3	20.72	20.85	20.80				
1.4	64QAM	1	5	20.60	20.98	20.78				
1.4	64QAM	3	0	20.52	20.93	20.79	22	0		
1.4	64QAM	3	1	20.62	20.82	20.70				
1.4	64QAM	3	3	20.72	20.85	20.89				
1.4	64QAM	6	0	19.92	20.11	20.38	21.5	0.5		

Band 38_Ant 2										
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	23.10	23.05	23.02	24	0		
20	QPSK	1	49	23.03	22.93	22.88				
20	QPSK	1	99	22.97	22.97	22.99				
20	QPSK	50	0	22.62	22.57	22.55				
20	QPSK	50	24	22.47	22.30	22.50	23.5	0.5		
20	QPSK	50	50	22.48	22.53	22.33				
20	QPSK	100	0	22.60	22.46	22.50				
20	16QAM	1	0	22.21	22.36	22.40				
20	16QAM	1	49	22.20	22.28	22.30	23.5	0.5		
20	16QAM	1	99	22.22	22.37	22.10				
20	16QAM	50	0	21.88	21.49	21.47				
20	16QAM	50	24	21.63	21.56	21.74				
20	16QAM	50	50	21.42	21.62	21.63	22.5	1.5		
20	16QAM	100	0	21.47	21.51	21.33				
20	64QAM	1	0	21.48	21.40	21.35				
20	64QAM	1	49	21.23	21.40	21.41				
20	64QAM	1	99	21.35	21.38	21.25	21.5	2.5		
20	64QAM	50	0	20.58	20.40	20.42				
20	64QAM	50	24	20.51	20.60	20.69				
20	64QAM	50	50	20.48	20.30	20.57				
20	64QAM	100	0	20.58	20.58	20.55				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	23.08	23.00	22.95	24	0		
15	QPSK	1	37	22.88	22.78	22.77				
15	QPSK	1	74	22.92	22.90	22.95				
15	QPSK	36	0	22.57	22.43	22.44				
15	QPSK	36	20	22.40	22.19	22.44	23.5	0.5		
15	QPSK	36	39	22.42	22.47	22.21				
15	QPSK	75	0	22.48	22.31	22.44				
15	16QAM	1	0	22.06	22.23	22.35				
15	16QAM	1	37	22.12	22.22	22.20	23.5	0.5		
15	16QAM	1	74	22.12	22.31	22.05				
15	16QAM	36	0	21.56	21.43	21.32				
15	16QAM	36	20	21.54	21.40	21.68				
15	16QAM	36	39	21.36	21.49	21.55	22.5	1.5		
15	16QAM	75	0	21.40	21.44	21.24				
15	64QAM	1	0	21.37	21.25	21.30				
15	64QAM	1	37	21.08	21.28	21.28				
15	64QAM	1	74	21.23	21.30	21.19	21.5	2.5		
15	64QAM	36	0	20.50	20.32	20.36				
15	64QAM	36	20	20.42	20.46	20.55				
15	64QAM	36	39	20.43	20.16	20.44				
15	64QAM	75	0	20.45	20.51	20.40				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	23.03	22.93	23.00	24	0		
10	QPSK	1	25	22.99	22.91	22.81				
10	QPSK	1	49	22.82	22.86	22.94				
10	QPSK	25	0	22.57	22.46	22.50				
10	QPSK	25	12	22.38	22.25	22.45	23.5	0.5		
10	QPSK	25	25	22.35	22.42	22.26				
10	QPSK	50	0	22.55	22.39	22.45				
10	16QAM	1	0	22.14	22.27	22.33				
10	16QAM	1	25	22.09	22.23	22.16	23.5	0.5		
10	16QAM	1	49	22.15	22.25	21.99				
10	16QAM	25	0	21.63	21.34	21.37				
10	16QAM	25	12	21.51	21.41	21.64				
10	16QAM	25	25	21.32	21.49	21.55	22.5	1.5		
10	16QAM	50	0	21.39	21.42	21.19				
10	64QAM	1	0	21.34	21.30	21.30				
10	64QAM	1	25	21.08	21.35	21.27				
10	64QAM	1	49	21.25	21.24	21.10	22.5	1.5		
10	64QAM	25	0	20.46	20.32	20.33				
10	64QAM	25	12	20.38	20.51	20.56				
10	64QAM	25	25	20.35	20.21	20.49				
10	64QAM	50	0	20.45	20.51	20.47	21.5	2.5		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	22.97	22.86	22.91	24	0		
5	QPSK	1	12	22.94	22.90	22.82				
5	QPSK	1	24	22.83	22.91	22.96				
5	QPSK	12	0	22.52	22.45	22.45				
5	QPSK	12	7	22.42	22.23	22.39	23.5	0.5		
5	QPSK	12	13	22.38	22.43	22.22				
5	QPSK	25	0	22.47	22.39	22.45				
5	16QAM	1	0	22.11	22.31	22.25				
5	16QAM	1	12	22.15	22.18	22.17	23.5	0.5		
5	16QAM	1	24	22.15	22.27	21.98				
5	16QAM	12	0	21.57	21.37	21.39				
5	16QAM	12	7	21.48	21.47	21.66				
5	16QAM	12	13	21.29	21.54	21.55	22.5	1.5		
5	16QAM	25	0	21.39	21.44	21.22				
5	64QAM	1	0	21.42	21.26	21.27				
5	64QAM	1	12	21.14	21.32	21.30				
5	64QAM	1	24	21.24	21.27	21.16	22.5	1.5		
5	64QAM	12	0	20.43	20.28	20.31				
5	64QAM	12	7	20.39	20.45	20.64				
5	64QAM	12	13	20.40	20.25	20.42				
5	64QAM	25	0	20.53	20.46	20.46	21.5	2.5		

Band 38_Ant 3										
BW [MHz]	Modulatio n	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	20.58	20.52	20.50	21	0		
20	QPSK	1	49	20.51	20.51	20.37				
20	QPSK	1	99	20.49	20.49	20.41				
20	QPSK	50	0	20.55	20.49	20.45				
20	QPSK	50	24	20.52	20.38	20.38	21	0		
20	QPSK	50	50	20.49	20.48	20.40				
20	QPSK	100	0	20.53	20.39	20.41				
20	16QAM	1	0	20.49	20.38	20.41				
20	16QAM	1	49	20.48	20.51	20.35	21	0		
20	16QAM	1	99	20.49	20.44	20.35				
20	16QAM	50	0	20.53	20.39	20.35				
20	16QAM	50	24	20.49	20.38	20.45				
20	16QAM	50	50	20.57	20.44	20.41	21	0		
20	16QAM	100	0	20.51	20.46	20.35				
20	64QAM	1	0	20.50	20.43	20.46				
20	64QAM	1	49	20.56	20.39	20.38				
20	64QAM	1	99	20.51	20.50	20.49	21	0		
20	64QAM	50	0	20.47	20.37	20.35				
20	64QAM	50	24	20.51	20.44	20.41				
20	64QAM	50	50	20.51	20.42	20.40				
20	64QAM	100	0	20.52	20.43	20.41	21	0		
Channel				37825	38000	38175				
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	20.49	20.51	20.51			21	0
15	QPSK	1	37	20.39	20.41	20.36				
15	QPSK	1	74	20.39	20.42	20.36				
15	QPSK	36	0	20.54	20.40	20.34				
15	QPSK	36	20	20.38	20.26	20.34	21	0		
15	QPSK	36	39	20.41	20.44	20.30				
15	QPSK	75	0	20.50	20.34	20.37				
15	16QAM	1	0	20.39	20.27	20.39				
15	16QAM	1	37	20.33	20.38	20.33	21	0		
15	16QAM	1	74	20.47	20.40	20.28				
15	16QAM	36	0	20.45	20.36	20.33				
15	16QAM	36	20	20.47	20.25	20.32				
15	16QAM	36	39	20.50	20.31	20.35	21	0		
15	16QAM	75	0	20.46	20.32	20.20				
15	64QAM	1	0	20.45	20.36	20.31				
15	64QAM	1	37	20.47	20.26	20.33				
15	64QAM	1	74	20.43	20.39	20.38	21	0		
15	64QAM	36	0	20.38	20.36	20.36				
15	64QAM	36	20	20.49	20.38	20.40				
15	64QAM	36	39	20.41	20.36	20.31				
15	64QAM	75	0	20.42	20.40	20.28	21	0		
Channel				37800	38000	38200				
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	20.57	20.61	20.61			21	0
10	QPSK	1	25	20.44	20.47	20.36				
10	QPSK	1	49	20.38	20.43	20.33				
10	QPSK	25	0	20.46	20.35	20.31				
10	QPSK	25	12	20.38	20.32	20.25	21	0		
10	QPSK	25	25	20.42	20.39	20.37				
10	QPSK	50	0	20.42	20.24	20.26				
10	16QAM	1	0	20.37	20.25	20.33				
10	16QAM	1	25	20.33	20.48	20.24	21	0		
10	16QAM	1	49	20.36	20.35	20.22				
10	16QAM	25	0	20.47	20.37	20.23				
10	16QAM	25	12	20.38	20.25	20.31				
10	16QAM	25	25	20.50	20.37	20.40	21	0		
10	16QAM	50	0	20.35	20.29	20.25				
10	64QAM	1	0	20.35	20.32	20.28				
10	64QAM	1	25	20.50	20.29	20.25				
10	64QAM	1	49	20.47	20.45	20.38	21	0		
10	64QAM	25	0	20.44	20.30	20.42				
10	64QAM	25	12	20.39	20.31	20.26				
10	64QAM	25	25	20.40	20.29	20.32				
10	64QAM	50	0	20.40	20.42	20.39	21	0		
Channel				37775	38000	38225				
Frequency (MHz)				2572.5	2596	2617.5				
5	QPSK	1	0	20.48	20.41	20.46			21	0
5	QPSK	1	12	20.41	20.46	20.26				
5	QPSK	1	24	20.39	20.39	20.36				
5	QPSK	12	0	20.53	20.48	20.31				
5	QPSK	12	7	20.40	20.28	20.32	21	0		
5	QPSK	12	13	20.41	20.24	20.34				
5	QPSK	25	0	20.46	20.34	20.31				
5	16QAM	1	0	20.48	20.28	20.27				
5	16QAM	1	12	20.35	20.37	20.32	21	0		
5	16QAM	1	24	20.34	20.34	20.35				
5	16QAM	12	0	20.49	20.34	20.24				
5	16QAM	12	7	20.41	20.24	20.34				
5	16QAM	12	13	20.52	20.35	20.32	21	0		
5	16QAM	25	0	20.37	20.36	20.32				
5	64QAM	1	0	20.38	20.29	20.31				
5	64QAM	1	12	20.47	20.29	20.25				
5	64QAM	1	24	20.43	20.47	20.47	21	0		
5	64QAM	12	0	20.34	20.31	20.35				
5	64QAM	12	7	20.46	20.41	20.37				
5	64QAM	12	13	20.39	20.37	20.26				
5	64QAM	25	0	20.49	20.35	20.28	21	0		

Band 41_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)		
Channel												
Frequency (MHz)												
20	QPSK	1	0	23.06	23.45	23.93	26.36	26.80	24	0		
20	QPSK	1	49	23.35	23.17	22.96	22.96	23.08				
20	QPSK	1	99	23.31	23.18	23.08	23.06	22.99				
20	QPSK	50	0	22.92	22.90	22.50	22.45	22.45				
20	QPSK	50	24	22.68	22.53	22.47	22.42	22.38				
20	QPSK	50	50	22.90	22.85	22.43	22.36	22.33	23.5	0.5		
20	QPSK	100	0	22.89	22.75	22.41	22.26	22.42				
20	16QAM	1	0	22.58	22.53	22.63	22.57	22.42				
20	16QAM	1	49	22.92	22.86	22.45	22.31	22.38				
20	16QAM	1	99	22.67	22.58	22.28	22.13	22.45				
20	16QAM	50	0	21.87	21.74	21.47	21.36	21.31	22.5	1.5		
20	16QAM	50	24	21.79	21.71	21.44	21.36	21.34				
20	16QAM	50	50	21.86	21.76	21.36	21.24	21.39				
20	16QAM	100	0	21.80	21.70	21.47	21.32	21.30				
20	16QAM	1	0	21.50	21.35	21.41	21.33	21.35				
20	64QAM	1	49	21.42	21.30	21.13	21.04	21.30	22.5	1.5		
20	64QAM	1	99	21.47	21.36	21.19	21.07	21.57				
20	64QAM	50	0	20.70	20.56	20.40	20.26	20.32				
20	64QAM	50	24	20.75	20.68	20.46	20.36	20.33				
20	64QAM	50	50	20.78	20.73	20.54	20.41	20.33				
20	64QAM	100	0	20.57	20.52	20.40	20.25	20.39	21.5	2.5		
Channel												
Frequency (MHz)												
15	QPSK	1	0	23.03	23.42	23.90	26.82	26.82			24	0
15	QPSK	1	37	23.34	23.05	22.88	22.85	22.97				
15	QPSK	1	74	23.28	23.09	23.06	22.97	22.90				
15	QPSK	36	0	22.82	22.85	22.45	22.45	22.32				
15	QPSK	36	20	22.63	22.39	22.38	22.36	22.26				
15	QPSK	36	39	22.77	22.72	22.38	22.24	22.21	23.5	0.5		
15	QPSK	75	0	22.78	22.64	22.31	22.15	22.40				
15	16QAM	1	0	22.48	22.44	22.56	22.56	22.38				
15	16QAM	1	37	22.78	22.78	22.32	22.23	22.31				
15	16QAM	1	74	22.56	22.45	22.20	22.04	22.30				
15	16QAM	36	0	21.77	21.60	21.39	21.21	21.29	22.5	1.5		
15	16QAM	36	20	21.86	21.57	21.37	21.25	21.33				
15	16QAM	36	39	21.73	21.70	21.30	21.13	21.24				
15	16QAM	75	0	21.67	21.56	21.32	21.24	21.27				
15	64QAM	1	0	21.43	21.24	21.29	21.21	21.24				
15	64QAM	1	37	21.34	21.21	21.03	21.00	21.18	22.5	1.5		
15	64QAM	1	74	21.33	21.21	21.11	20.97	21.48				
15	64QAM	36	0	20.82	20.51	20.27	20.14	20.31				
15	64QAM	36	20	20.69	20.53	20.41	20.29	20.31				
15	64QAM	36	39	20.66	20.61	20.41	20.34	20.32				
15	64QAM	75	0	20.44	20.46	20.33	20.10	20.31	21.5	2.5		
Channel												
Frequency (MHz)												
10	QPSK	1	0	23.29	23.20	22.97	23.01	23.01			24	0
10	QPSK	1	25	23.21	23.09	22.83	22.89	23.01				
10	QPSK	1	49	23.22	23.05	23.03	22.95	22.86				
10	QPSK	25	0	22.77	22.79	22.43	22.35	22.45				
10	QPSK	25	12	22.56	22.47	22.33	22.30	22.24				
10	QPSK	25	25	22.83	22.72	22.32	22.27	22.21	23.5	0.5		
10	QPSK	50	0	22.79	22.65	22.35	22.16	22.27				
10	16QAM	1	0	22.45	22.40	22.51	22.42	22.36				
10	16QAM	1	25	22.80	22.73	22.39	22.23	22.31				
10	16QAM	1	49	22.55	22.45	22.14	22.01	22.30				
10	16QAM	25	0	21.72	21.65	21.34	21.29	21.16	22.5	1.5		
10	16QAM	25	12	21.67	21.66	21.38	21.34	21.31				
10	16QAM	25	25	21.73	21.68	21.23	21.21	21.34				
10	16QAM	50	0	21.70	21.62	21.37	21.22	21.25				
10	64QAM	1	0	21.36	21.25	21.31	21.29	21.31				
10	64QAM	1	25	21.31	21.20	21.07	20.90	21.16	22.5	1.5		
10	64QAM	1	49	21.34	21.26	21.07	20.95	21.42				
10	64QAM	25	0	20.59	20.47	20.25	20.20	20.19				
10	64QAM	25	12	20.64	20.59	20.40	20.26	20.33				
10	64QAM	25	25	20.69	20.62	20.41	20.25	20.31				
10	64QAM	50	0	20.49	20.38	20.35	20.17	20.38	21.5	2.5		
Channel												
Frequency (MHz)												
5	QPSK	1	0	23.33	23.10	22.86	23.01	22.97			24	0
5	QPSK	1	12	23.21	23.16	22.87	22.90	22.94				
5	QPSK	1	24	23.18	23.17	23.07	22.92	22.86				
5	QPSK	12	0	22.79	22.82	22.38	22.35	22.34				
5	QPSK	12	13	22.81	22.76	22.32	22.37	22.28				
5	QPSK	25	0	22.76	22.62	22.34	22.16	22.34	23.5	0.5		
5	16QAM	1	0	22.43	22.44	22.53	22.56	22.36				
5	16QAM	1	12	22.80	22.77	22.31	22.19	22.32				
5	16QAM	1	24	22.57	22.45	22.19	22.02	22.35				
5	16QAM	12	0	21.78	21.65	21.42	21.27	21.31				
5	16QAM	12	7	21.65	21.66	21.39	21.34	21.24	22.5	1.5		
5	16QAM	12	13	21.76	21.70	21.30	21.23	21.32				
5	16QAM	25	0	21.73	21.56	21.42	21.28	21.17				
5	64QAM	1	0	21.41	21.22	21.27	21.28	21.20				
5	64QAM	1	12	21.31	21.18	21.01	20.89	21.28				
5	64QAM	1	24	21.35	21.23	21.05	21.04	21.47	22.5	1.5		
5	64QAM	12	0	20.63	20.45	20.31	20.14	20.25				
5	64QAM	12	7	20.68	20.55	20.37	20.33	20.30				
5	64QAM	12	13	20.73	20.68	20.45	20.32	20.32				
5	64QAM	25	0	20.48	20.40	20.25	20.12	20.24				

Band 41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel										
Frequency (MHz)										
20	QPSK	1	0	20.80	20.60	20.66	20.77	20.52	21	0
20	QPSK	1	49	20.79	20.54	20.55	20.63	20.39		
20	QPSK	1	99	20.78	20.46	20.56	20.68	20.46		
20	QPSK	50	0	20.77	20.59	20.64	20.75	20.50	21	0
20	QPSK	50	24	20.66	20.52	20.62	20.66	20.40		
20	QPSK	50	50	20.72	20.55	20.60	20.69	20.48		
20	QPSK	100	0	20.73	20.48	20.60	20.67	20.49	21	0
20	16QAM	1	0	20.67	20.56	20.64	20.67	20.50		
20	16QAM	1	49	20.67	20.48	20.54	20.74	20.51		
20	16QAM	1	99	20.72	20.47	20.59	20.69	20.39	21	0
20	16QAM	50	0	20.71	20.51	20.58	20.76	20.40		
20	16QAM	50	24	20.71	20.54	20.65	20.69	20.37		
20	16QAM	50	50	20.74	20.57	20.52	20.72	20.37	21	0
20	16QAM	100	0	20.77	20.50	20.65	20.69	20.37		
20	64QAM	1	0	20.66	20.51	20.59	20.73	20.51		
20	64QAM	1	49	20.76	20.51	20.59	20.63	20.42	21	0
20	64QAM	1	99	20.70	20.47	20.65	20.64	20.51		
20	64QAM	50	0	20.74	20.58	20.65	20.73	20.43		
20	64QAM	50	24	20.69	20.58	20.54	20.73	20.42	21	0
20	64QAM	50	50	20.73	20.49	20.54	20.65	20.40		
20	64QAM	100	0	20.69	20.50	20.52	20.69	20.39	21	0
Channel										
Frequency (MHz)										
15	QPSK	1	0	20.65	20.57	20.52	20.65	20.43	21	0
15	QPSK	1	37	20.67	20.52	20.40	20.68	20.27		
15	QPSK	1	74	20.70	20.45	20.49	20.59	20.41		
15	QPSK	36	0	20.73	20.58	20.55	20.68	20.47	21	0
15	QPSK	36	20	20.68	20.50	20.58	20.70	20.25		
15	QPSK	36	39	20.66	20.48	20.56	20.62	20.38		
15	QPSK	75	0	20.61	20.38	20.57	20.65	20.42	21	0
15	16QAM	1	0	20.60	20.50	20.51	20.65	20.44		
15	16QAM	1	37	20.66	20.44	20.44	20.69	20.38		
15	16QAM	1	74	20.61	20.32	20.55	20.66	20.34	21	0
15	16QAM	36	0	20.61	20.40	20.50	20.70	20.32		
15	16QAM	36	20	20.57	20.45	20.57	20.63	20.35		
15	16QAM	36	39	20.66	20.46	20.42	20.70	20.30	21	0
15	16QAM	75	0	20.65	20.39	20.62	20.58	20.35		
15	64QAM	1	0	20.55	20.43	20.52	20.61	20.50	21	0
15	64QAM	1	37	20.73	20.45	20.44	20.48	20.21		
15	64QAM	1	74	20.61	20.40	20.47	20.57	20.41		
15	64QAM	1	74	20.61	20.40	20.47	20.57	20.41	21	0
15	64QAM	36	0	20.63	20.48	20.62	20.70	20.37		
15	64QAM	36	20	20.68	20.55	20.51	20.63	20.30		
15	64QAM	36	39	20.64	20.45	20.47	20.61	20.34	21	0
15	64QAM	75	0	20.67	20.44	20.42	20.60	20.39		
Channel										
Frequency (MHz)										
10	QPSK	1	0	20.66	20.50	20.54	20.63	20.38	21	0
10	QPSK	1	25	20.70	20.48	20.43	20.49	20.38		
10	QPSK	1	49	20.67	20.44	20.42	20.54	20.37		
10	QPSK	25	0	20.62	20.45	20.57	20.68	20.41	21	0
10	QPSK	25	12	20.55	20.43	20.61	20.59	20.29		
10	QPSK	25	25	20.65	20.44	20.51	20.57	20.39		
10	QPSK	50	0	20.67	20.49	20.39	20.58	20.28	21	0
10	16QAM	1	0	20.54	20.53	20.54	20.53	20.38		
10	16QAM	1	25	20.61	20.37	20.39	20.60	20.45		
10	16QAM	1	49	20.69	20.43	20.47	20.60	20.27	21	0
10	16QAM	25	0	20.69	20.40	20.47	20.70	20.38		
10	16QAM	25	12	20.62	20.44	20.62	20.57	20.31		
10	16QAM	25	25	20.64	20.44	20.41	20.61	20.36	21	0
10	16QAM	50	0	20.67	20.39	20.52	20.66	20.26		
10	64QAM	1	0	20.58	20.41	20.46	20.71	20.49		
10	64QAM	1	25	20.72	20.47	20.54	20.49	20.39	21	0
10	64QAM	1	49	20.69	20.37	20.55	20.53	20.36		
10	64QAM	25	0	20.66	20.43	20.50	20.75	20.38		
10	64QAM	25	12	20.56	20.50	20.51	20.70	20.27	21	0
10	64QAM	25	25	20.60	20.37	20.39	20.62	20.34		
10	64QAM	50	0	20.58	20.47	20.44	20.63	20.41		
Channel										
Frequency (MHz)										
5	QPSK	1	0	20.76	20.56	20.57	20.71	20.48	21	0
5	QPSK	1	12	20.69	20.41	20.43	20.59	20.31		
5	QPSK	1	24	20.68	20.44	20.49	20.49	20.44		
5	QPSK	12	0	20.66	20.44	20.63	20.63	20.38	21	0
5	QPSK	12	7	20.56	20.38	20.56	20.58	20.37		
5	QPSK	12	13	20.68	20.41	20.45	20.54	20.47		
5	QPSK	25	0	20.59	20.36	20.48	20.65	20.44	21	0
5	16QAM	1	0	20.76	20.56	20.50	20.63	20.47		
5	16QAM	1	12	20.64	20.33	20.45	20.67	20.44		
5	16QAM	1	24	20.69	20.41	20.49	20.67	20.37	21	0
5	16QAM	12	0	20.59	20.49	20.53	20.65	20.27		
5	16QAM	12	7	20.69	20.44	20.59	20.59	20.22		
5	16QAM	12	13	20.59	20.46	20.49	20.64	20.32	21	0
5	16QAM	25	0	20.66	20.45	20.54	20.74	20.29		
5	64QAM	1	0	20.65	20.49	20.57	20.62	20.47		
5	64QAM	1	12	20.67	20.49	20.57	20.60	20.39	21	0
5	64QAM	1	24	20.59	20.37	20.62	20.61	20.38		
5	64QAM	12	0	20.72	20.54	20.61	20.58	20.28		
5	64QAM	12	7	20.58	20.47	20.50	20.71	20.35	21	0
5	64QAM	12	13	20.63	20.43	20.44	20.64	20.38		
5	64QAM	25	0	20.62	20.40	20.40	20.51	20.48		

Band 48_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640	20	0
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.48	19.80	19.73	19.70	20	0
20	QPSK	1	49	19.33	19.77	19.58	19.61		
20	QPSK	1	99	19.39	19.73	19.58	19.57		
20	QPSK	50	0	19.45	19.77	19.72	19.64		
20	QPSK	50	24	19.40	19.72	19.60	19.63	20	0
20	QPSK	50	50	19.36	19.76	19.71	19.62		
20	QPSK	100	0	19.43	19.74	19.69	19.59		
20	16QAM	1	0	19.43	19.70	19.66	19.55		
20	16QAM	1	49	19.47	19.79	19.64	19.60	20	0
20	16QAM	1	99	19.35	19.73	19.62	19.62		
20	16QAM	50	0	19.46	19.79	19.69	19.69		
20	16QAM	50	24	19.44	19.74	19.62	19.62		
20	16QAM	50	50	19.45	19.78	19.62	19.60	20	0
20	16QAM	100	0	19.45	19.68	19.68	19.64		
20	64QAM	1	0	19.40	19.65	19.60	19.61		
20	64QAM	1	49	19.45	19.71	19.72	19.62		
20	64QAM	1	99	19.43	19.68	19.59	19.66	20	0
20	64QAM	50	0	19.42	19.66	19.65	19.63		
20	64QAM	50	24	19.37	19.79	19.62	19.67		
20	64QAM	50	50	19.34	19.79	19.68	19.59		
20	64QAM	100	0	19.34	19.76	19.58	19.57	20	0
Channel				55315	55820	56160	56665		
Frequency (MHz)				3557.5	3608	3642	3692.5	20	0
15	QPSK	1	0	19.46	19.65	19.67	19.67		
15	QPSK	1	37	19.22	19.74	19.45	19.59	20	0
15	QPSK	1	74	19.30	19.61	19.54	19.47		
15	QPSK	36	0	19.41	19.72	19.58	19.56		
15	QPSK	36	20	19.37	19.70	19.57	19.51		
15	QPSK	36	39	19.24	19.70	19.63	19.55	20	0
15	QPSK	75	0	19.35	19.67	19.55	19.53		
15	16QAM	1	0	19.28	19.62	19.57	19.44		
15	16QAM	1	37	19.44	19.71	19.58	19.45		
15	16QAM	1	74	19.34	19.72	19.58	19.51	20	0
15	16QAM	36	0	19.34	19.65	19.68	19.58		
15	16QAM	36	20	19.32	19.55	19.47	19.55		
15	16QAM	36	39	19.40	19.71	19.59	19.52		
15	16QAM	75	0	19.35	19.57	19.66	19.51	20	0
15	64QAM	1	0	19.37	19.58	19.62	19.60		
15	64QAM	1	37	19.41	19.57	19.62	19.58		
15	64QAM	1	74	19.31	19.58	19.52	19.59		
15	64QAM	36	0	19.29	19.63	19.56	19.54	20	0
15	64QAM	36	20	19.23	19.70	19.56	19.65		
15	64QAM	36	39	19.25	19.71	19.66	19.52		
15	64QAM	75	0	19.21	19.72	19.48	19.46		
Channel				55290	55815	56165	56690	20	0
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.44	19.74	19.64	19.58	20	0
10	QPSK	1	25	19.24	19.73	19.47	19.55		
10	QPSK	1	49	19.29	19.67	19.53	19.51		
10	QPSK	25	0	19.34	19.74	19.64	19.52		
10	QPSK	25	12	19.33	19.60	19.58	19.54	20	0
10	QPSK	25	25	19.28	19.74	19.57	19.56		
10	QPSK	50	0	19.35	19.61	19.57	19.55		
10	16QAM	1	0	19.33	19.62	19.52	19.54		
10	16QAM	1	25	19.36	19.68	19.52	19.51	20	0
10	16QAM	1	49	19.32	19.71	19.54	19.51		
10	16QAM	25	0	19.31	19.73	19.63	19.54		
10	16QAM	25	12	19.42	19.67	19.51	19.59		
10	16QAM	25	25	19.43	19.68	19.49	19.47	20	0
10	16QAM	50	0	19.34	19.66	19.64	19.58		
10	64QAM	1	0	19.33	19.62	19.59	19.54		
10	64QAM	1	25	19.37	19.63	19.59	19.54		
10	64QAM	1	49	19.40	19.62	19.49	19.53	20	0
10	64QAM	25	0	19.33	19.63	19.59	19.51		
10	64QAM	25	12	19.31	19.64	19.59	19.55		
10	64QAM	25	25	19.31	19.76	19.54	19.55		
10	64QAM	50	0	19.26	19.72	19.57	19.44	20	0
Channel				55285	55810	56170	56715		
Frequency (MHz)				3552.5	3607	3643	3697.5	20	0
5	QPSK	1	0	19.42	19.67	19.62	19.58		
5	QPSK	1	12	19.31	19.76	19.49	19.59	20	0
5	QPSK	1	24	19.24	19.60	19.47	19.43		
5	QPSK	12	0	19.40	19.76	19.66	19.51		
5	QPSK	12	7	19.29	19.61	19.59	19.57	20	0
5	QPSK	12	13	19.35	19.67	19.67	19.60		
5	QPSK	25	0	19.29	19.62	19.55	19.57		
5	16QAM	1	0	19.40	19.62	19.56	19.42		
5	16QAM	1	12	19.32	19.77	19.59	19.49	20	0
5	16QAM	1	24	19.28	19.68	19.58	19.61		
5	16QAM	12	0	19.44	19.65	19.58	19.61		
5	16QAM	12	7	19.35	19.65	19.51	19.55		
5	16QAM	12	13	19.33	19.71	19.61	19.54	20	0
5	16QAM	25	0	19.31	19.54	19.64	19.60		
5	64QAM	1	0	19.37	19.63	19.59	19.54		
5	64QAM	1	12	19.34	19.66	19.70	19.49		
5	64QAM	1	24	19.34	19.59	19.55	19.59	20	0
5	64QAM	12	0	19.30	19.51	19.59	19.49		
5	64QAM	12	7	19.27	19.78	19.56	19.62		
5	64QAM	12	13	19.28	19.75	19.56	19.46		
5	64QAM	25	0	19.23	19.67	19.52	19.53	20	0
Channel				55280	55805	56175	56720		
Frequency (MHz)				3550	3607.5	3644	3698	20	0
5	QPSK	1	0	19.42	19.67	19.62	19.58		
5	QPSK	1	12	19.31	19.76	19.49	19.59	20	0
5	QPSK	1	24	19.24	19.60	19.47	19.43		
5	QPSK	12	0	19.40	19.76	19.66	19.51		
5	QPSK	12	7	19.29	19.61	19.59	19.57	20	0
5	QPSK	12	13	19.35	19.67	19.67	19.60		
5	QPSK	25	0	19.29	19.62	19.55	19.57		
5	16QAM	1	0	19.40	19.62	19.56	19.42		
5	16QAM	1	12	19.32	19.77	19.59	19.49	20	0
5	16QAM	1	24	19.28	19.68	19.58	19.61		
5	16QAM	12	0	19.44	19.65	19.58	19.61		
5	16QAM	12	7	19.35	19.65	19.51	19.55		
5	16QAM	12	13	19.33	19.71	19.61	19.54	20	0
5	16QAM	25	0	19.31	19.54	19.64	19.60		
5	64QAM	1	0	19.37	19.63	19.59	19.54		
5	64QAM	1	12	19.34	19.66	19.70	19.49		
5	64QAM	1	24	19.34	19.59	19.55	19.59	20	0
5	64QAM	12	0	19.30	19.51	19.59	19.49		
5	64QAM	12	7	19.27	19.78	19.56	19.62		
5	64QAM	12	13	19.28	19.75	19.56	19.46		
5	64QAM	25	0	19.23	19.67	19.52	19.53	20	0
Channel				55275	55800	56180	56725		
Frequency (MHz)				3547.5	3607.5	3644	3698.5	20	0
5	QPSK	1	0	19.42	19.67	19.62	19.58		
5	QPSK	1	12	19.31	19.76	19.49	19.59	20	0
5	QPSK	1	24	19.24	19.60	19.47	19.43		
5	QPSK	12	0	19.40	19.76	19.66	19.51		
5	QPSK	12	7	19.29	19.61	19.59	19.57	20	0
5	QPSK	12	13	19.35	19.67	19.67	19.60		
5	QPSK	25	0	19.29	19.62	19.55	19.57		
5	16QAM	1	0	19.40	19.62	19.56	19.42		
5	16QAM	1	12	19.32	19.77	19.59	19.49	20	0
5	16QAM	1	24	19.28	19.68	19.58	19.61		
5	16QAM	12	0	19.44	19.65	19.58	19.61		
5	16QAM	12	7	19.35	19.65	19.51	19.55		
5	16QAM	12	13	19.33	19.71	19.61	19.54	20	0
5	16QAM	25	0	19.31	19.54	19.64	19.60		
5	64QAM	1	0	19.37	19.63	19.59	19.54		
5	64QAM	1	12	19.34	19.66	19.70	19.49		
5	64QAM	1	24	19.34	19.59	19.55	19.59	20	0
5	64QAM	12	0	19.30	19.51	19.59	19.49		
5	64QAM	12	7	19.27	19.78	19.56	19.62		
5	64QAM	12	13	19.28	19.75	19.56	19.46		
5	64QAM	25	0	19.23	19.67	19.52	19.53	20	0
Channel				55270	55800	56180	56725		
Frequency (MHz)				3547.5	3607.5	3644	3698.5	20	0
5	QPSK	1	0	19.42	19.67	19.62	19.58		
5	QPSK	1	12	19.31	19.76	19.49	19.59	20	0
5	QPSK	1	24	19.24	19.60	19.47	19.43		
5	QPSK	12	0	19.40	19.76	19.66	19.51		
5	QPSK	12	7	19.29	19.61	19.59	19.57	20	0
5	QPSK	12	13	19.35	19.67	19.67	19.60		
5	QPSK	25	0	19.29	19.62	19.55	19.57		
5	16QAM	1	0	19.40	19.62	19.56	19.42		
5	16QAM	1	12	19.32	19.77	19.59	19.49	20	0
5	16QAM	1	24	19.28	19.68	19.58	19.61		
5	16QAM	12	0	19.44	19.65	19.58	19.61		
5	16QAM	12	7	19.35	19.65	19.51	19.55		
5	16QAM	12	13	19.33	19.71	19.61	19.54	20	0
5	16QAM	25	0	19.31	19.54	19.64	19.60		
5	64QAM	1	0	19.37	19.63	19.59	19.54		
5	64QAM	1	12	19.34	19.66	19.70	19.49		
5	64QAM	1	24	19.34	19.59	19.55	19.59	20	0
5	64QAM	12	0	19.30	19.51	19.59	19.49		
5	64QAM	12	7	19.27	19.78	19.56	19.62		
5	64QAM	12	13	19.28	19.75	19.56	19.46		
5	64QAM	25	0	19.23					

Band 48_Ant 5										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				55340	55830	56150	56640			
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	22.65	22.82	22.67	22.82	23.5	0	
20	QPSK	1	49	22.57	22.74	22.59	22.52			
20	QPSK	1	99	22.51	22.68	22.52	22.46			
20	QPSK	50	0	21.79	22.01	21.83	21.80			
20	QPSK	50	24	21.72	21.91	21.75	21.70	22.5	1	
20	QPSK	50	50	21.65	21.81	21.68	21.66			
20	QPSK	100	0	21.70	21.82	21.69	21.63			
20	16QAM	1	0	21.63	21.80	21.66	21.50			
20	16QAM	1	49	21.68	21.84	21.67	21.60	22.5	1	
20	16QAM	1	99	21.56	21.68	21.55	21.52			
20	16QAM	50	0	20.77	20.94	20.78	20.71			
20	16QAM	50	24	20.65	20.85	20.68	20.66			
20	16QAM	50	50	20.64	20.77	20.63	20.60	21.5	2	
20	16QAM	100	0	20.64	20.81	20.63	20.58			
20	64QAM	1	0	20.55	20.77	20.59	20.52			
20	64QAM	1	49	20.62	20.78	20.63	20.58			
20	64QAM	1	99	20.41	20.59	20.44	20.40	21.5	2	
20	64QAM	50	0	19.75	19.93	19.75	19.69			
20	64QAM	50	24	19.63	19.83	19.67	19.64			
20	64QAM	50	50	19.62	19.79	19.63	19.60			
20	64QAM	100	0	19.64	19.80	19.65	19.59	20.5	3	
Channel				55315	55820	56160	56665			
Frequency (MHz)				3557.5	3608	3642	3692.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	22.74	22.54	22.59	22.49	23.5	0	
15	QPSK	1	37	22.61	22.51	22.47	22.40			
15	QPSK	1	74	22.60	22.46	22.52	22.43			
15	QPSK	36	0	21.59	21.71	21.72	21.80			
15	QPSK	36	20	21.83	21.61	21.71	21.64	22.5	1	
15	QPSK	36	39	21.76	21.53	21.59	21.56			
15	QPSK	75	0	21.72	21.57	21.62	21.48			
15	16QAM	1	0	21.70	21.49	21.54	21.51			
15	16QAM	1	37	21.74	21.62	21.54	21.56	22.5	1	
15	16QAM	1	74	21.61	21.46	21.49	21.48			
15	16QAM	36	0	20.89	20.66	20.63	20.62			
15	16QAM	36	20	20.77	20.52	20.56	20.64			
15	16QAM	36	39	20.65	20.49	20.55	20.59	21.5	2	
15	16QAM	75	0	20.66	20.59	20.63	20.54			
15	64QAM	1	0	20.68	20.43	20.55	20.47			
15	64QAM	1	37	20.70	20.53	20.56	20.44			
15	64QAM	1	74	20.48	20.33	20.44	20.35	20.5	3	
15	64QAM	36	0	19.84	19.60	19.62	19.55			
15	64QAM	36	20	19.70	19.48	19.55	19.64			
15	64QAM	36	39	19.65	19.57	19.52	19.48			
15	64QAM	75	0	19.72	19.53	19.55	19.47	20.5	3	
Channel				55290	55815	56165	56690			
Frequency (MHz)				3555	3607.5	3642.5	3695	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	22.76	22.54	22.66	22.52	23.5	0	
10	QPSK	1	25	22.59	22.42	22.47	22.45			
10	QPSK	1	49	22.57	22.41	22.52	22.41			
10	QPSK	25	0	21.79	21.69	21.79	21.73			
10	QPSK	25	12	21.78	21.58	21.69	21.55	22.5	1	
10	QPSK	25	25	21.72	21.52	21.57	21.64			
10	QPSK	50	0	21.68	21.65	21.58	21.54			
10	16QAM	1	0	21.74	21.48	21.61	21.50			
10	16QAM	1	25	21.74	21.59	21.54	21.57	22.5	1	
10	16QAM	1	49	21.58	21.41	21.43	21.50			
10	16QAM	25	0	20.81	20.64	20.74	20.60			
10	16QAM	25	12	20.75	20.53	20.57	20.63			
10	16QAM	25	25	20.64	20.51	20.49	20.56	21.5	2	
10	16QAM	50	0	20.68	20.49	20.58	20.47			
10	64QAM	1	0	20.66	20.41	20.57	20.46			
10	64QAM	1	25	20.67	20.50	20.61	20.55			
10	64QAM	1	49	20.46	20.34	20.37	20.38	20.5	3	
10	64QAM	25	0	19.75	19.66	19.66	19.67			
10	64QAM	25	12	19.73	19.51	19.65	19.59			
10	64QAM	25	25	19.68	19.49	19.63	19.49			
10	64QAM	50	0	19.73	19.55	19.56	19.44	20.5	3	
Channel				55285	55810	56170	56715			
Frequency (MHz)				3552.5	3607	3643	3697.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.61	22.51	22.57	22.50	23.5	0	
5	QPSK	1	12	22.69	22.51	22.55	22.49			
5	QPSK	1	24	22.59	22.37	22.49	22.31			
5	QPSK	12	0	21.79	21.70	21.79	21.77			
5	QPSK	12	7	21.85	21.61	21.71	21.61	22.5	1	
5	QPSK	12	13	21.71	21.56	21.53	21.66			
5	QPSK	25	0	21.77	21.61	21.55	21.60			
5	16QAM	1	0	21.71	21.58	21.59	21.55			
5	16QAM	1	12	21.75	21.54	21.52	21.56	22.5	1	
5	16QAM	1	24	21.57	21.51	21.51	21.49			
5	16QAM	12	0	20.84	20.63	20.63	20.57			
5	16QAM	12	7	20.80	20.57	20.64	20.55			
5	16QAM	12	13	20.72	20.57	20.54	20.54	21.5	2	
5	16QAM	25	0	20.66	20.57	20.52	20.49			
5	64QAM	1	0	20.64	20.48	20.56	20.52			
5	64QAM	1	12	20.65	20.53	20.53	20.49			
5	64QAM	1	24	20.51	20.31	20.39	20.39	20.5	3	
5	64QAM	12	0	19.86	19.66	19.73	19.60			
5	64QAM	12	7	19.73	19.51	19.65	19.49			
5	64QAM	12	13	19.74	19.53	19.60	19.48			
5	64QAM	25	0	19.71	19.56	19.63	19.54			

Band 48_Ant 6													
BW [MHz]	Modulatio n	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				55340	55830	56150	56640						
Frequency (MHz)				3560	3609	3641	3690						
20	QPSK	1	0	21.68	21.98	21.90	21.91	22.5	0				
20	QPSK	1	49	21.66	21.94	21.88	21.88						
20	QPSK	1	99	21.64	21.89	21.83	21.82						
20	QPSK	50	0	20.88	21.11	21.04	21.05						
20	QPSK	50	24	20.81	21.07	21.02	21.01	21.5	1				
20	QPSK	50	50	20.84	21.09	21.02	21.01						
20	QPSK	100	0	20.77	21.07	21.03	21.01						
20	16QAM	1	0	20.71	20.96	20.90	20.89						
20	16QAM	1	49	20.75	21.03	20.99	20.98	21.5	1				
20	16QAM	1	99	20.65	20.95	20.87	20.90						
20	16QAM	50	0	19.79	20.02	19.96	20.00						
20	16QAM	50	24	19.84	20.09	20.02	20.01						
20	16QAM	50	50	19.77	20.07	20.03	20.03	20.5	2				
20	16QAM	100	0	19.79	20.04	19.98	19.97						
20	64QAM	1	0	19.59	19.84	19.78	19.80						
20	64QAM	1	49	19.63	19.92	19.84	19.89						
20	64QAM	1	99	19.58	19.88	19.82	19.81	19.5	3				
20	64QAM	50	0	18.77	19.02	18.97	18.95						
20	64QAM	50	24	18.7	19.01	18.95	18.94	19.5	3				
20	64QAM	100	0	18.81	19.06	18.98	19.03						
Channel				55315	55820	56160	56655	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				3557.5	3608	3642	3692.5						
15	QPSK	1	0	21.54	21.78	21.82	21.86	22.5	0				
15	QPSK	1	37	21.60	21.79	21.89	21.96						
15	QPSK	1	74	21.54	21.76	21.89	21.87						
15	QPSK	36	0	20.76	20.93	20.88	20.84						
15	QPSK	36	20	20.76	20.93	20.89	21.01	21.5	1				
15	QPSK	36	39	20.74	20.91	20.93	20.96						
15	QPSK	75	0	20.72	20.89	21.03	20.99						
15	16QAM	1	0	20.65	20.79	20.88	20.92						
15	16QAM	1	37	20.67	20.86	20.95	20.96	21.5	1				
15	16QAM	1	74	20.56	20.72	20.77	20.76						
15	16QAM	36	0	19.73	19.93	19.86	19.89						
15	16QAM	36	20	19.74	19.88	20.01	19.95						
15	16QAM	36	39	19.69	19.96	20.01	20.04	20.5	2				
15	16QAM	75	0	19.69	19.86	19.88	19.92						
15	64QAM	1	0	19.47	19.65	19.66	19.70						
15	64QAM	1	37	19.54	19.74	19.89	19.91						
15	64QAM	1	74	19.44	19.70	19.74	19.78	20.5	2				
15	64QAM	36	0	18.67	18.81	18.85	19.02						
15	64QAM	36	20	18.73	18.89	19.00	19.02						
15	64QAM	36	39	18.67	18.90	18.89	19.06						
15	64QAM	75	0	18.71	18.89	18.84	18.92	21.5	3				
Channel				55290	55815	56165	56690				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3555	3607.5	3642.5	3695						
10	QPSK	1	0	21.52	21.77	21.75	21.87				22.5	0	
10	QPSK	1	25	21.38	21.61	21.76	21.80						
10	QPSK	1	49	21.56	21.68	21.83	21.84						
10	QPSK	25	0	20.66	20.89	20.98	21.06						
10	QPSK	25	12	20.70	20.94	20.89	21.03	21.5	1				
10	QPSK	25	25	20.77	20.87	20.94	21.09						
10	QPSK	50	0	20.67	20.93	20.89	21.03						
10	16QAM	1	0	20.59	20.74	20.85	20.96						
10	16QAM	1	25	20.60	20.87	20.94	21.03	21.5	1				
10	16QAM	1	49	20.57	20.83	20.85	20.93						
10	16QAM	25	0	19.65	19.89	19.88	20.00						
10	16QAM	25	12	19.79	19.96	19.99	19.98						
10	16QAM	25	25	19.68	19.91	20.01	19.94	20.5	2				
10	16QAM	50	0	19.73	19.84	19.94	19.96						
10	16QAM	1	0	19.45	19.59	19.63	19.65						
10	64QAM	1	25	19.53	19.74	19.78	19.89						
10	64QAM	1	49	19.43	19.69	19.82	19.82	20.5	2				
10	64QAM	25	0	18.71	18.82	18.91	18.90						
10	64QAM	25	12	18.68	18.92	18.93	18.96						
10	64QAM	25	25	18.64	18.91	18.91	18.95						
10	64QAM	50	0	18.69	18.94	18.93	19.06	19.5	3				
Channel				55025	55310	56170	56675				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3502.5	3507	3643	3697.5						
5	QPSK	1	0	21.60	21.76	21.84	21.83				22.5	0	
5	QPSK	1	12	21.60	21.83	21.87	21.88						
5	QPSK	1	24	21.49	21.77	21.74	21.85						
5	QPSK	12	0	20.66	20.83	20.88	21.07						
5	QPSK	12	7	20.70	20.90	20.97	21.09	21.5	1				
5	QPSK	12	13	20.77	20.86	21.02	20.99						
5	QPSK	25	0	20.68	20.89	20.93	20.90						
5	16QAM	1	0	20.65	20.76	20.82	20.88						
5	16QAM	1	12	20.68	20.89	20.85	20.90	21.5	1				
5	16QAM	1	24	20.53	20.75	20.84	20.86						
5	16QAM	12	0	19.71	19.87	19.81	20.04						
5	16QAM	12	7	19.73	19.90	19.90	19.95						
5	16QAM	12	13	19.66	19.86	19.85	19.90	20.5	2				
5	16QAM	25	0	19.72	19.86	19.96	19.94						
5	64QAM	1	0	19.50	19.69	19.76	19.71						
5	64QAM	1	12	19.49	19.82	19.81	19.92						
5	64QAM	1	24	19.44	19.74	19.75	19.76	20.5	2				
5	64QAM	12	0	18.40	18.86	18.97	18.88						
5	64QAM	12	7	18.40	18.83	18.99	18.92						
5	64QAM	12	13	18.40	18.86	18.85	19.00						
5	64QAM	25	0	17.46	18.82	18.87	19.04	19.5	3				
5	64QAM	25	0	17.46	18.82	18.87	19.04						
5	64QAM	25	0	17.46	18.82	18.87	19.04						
5	64QAM	25	0	17.46	18.82	18.87	19.04						

Full&Default Power Mode

n2_Ant 2

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				372000	376000	380000		
Frequency (MHz)				1860	1860	1900		
20	Pi/2 BPSK	1	1	23.34	23.38	23.25		
20	Pi/2 BPSK	1	53	23.14	23.22	23.18	24.5	0.0
20	Pi/2 BPSK	1	104	23.15	23.19	23.16		
20	Pi/2 BPSK	50	0	22.74	22.88	22.80	24.0	0.5
20	Pi/2 BPSK	50	28	23.28	23.34	23.30	24.5	0.0
20	Pi/2 BPSK	50	56	22.70	22.84	22.72		
20	Pi/2 BPSK	100	0	22.67	22.73	22.69	24.0	0.5
20	QPSK	1	1	23.26	23.40	23.31		
20	QPSK	1	53	23.24	23.30	23.16	24.5	0.0
20	QPSK	1	104	23.18	23.16	23.07		
20	QPSK	50	0	22.28	22.29	22.22	23.5	1.0
20	QPSK	50	28	23.19	23.30	23.21	24.5	0.0
20	QPSK	50	56	22.01	22.19	22.11		
20	QPSK	100	0	22.08	22.22	22.12	23.5	1.0
20	16QAM	1	1	22.07	22.11	22.06	23.5	1.0
20	64QAM	1	1	20.89	21.03	20.84	22.0	2.5
20	256QAM	1	1	19.15	19.16	19.11	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.13	23.35	23.26	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1860	1905		
10	QPSK	1	1	23.17	23.27	23.18	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.15	23.35	23.21	24.5	0.0

n2_Ant 3

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				372000	376000	380000		
Frequency (MHz)				1860	1860	1900		
20	Pi/2 BPSK	1	1	23.24	23.35	23.34		
20	Pi/2 BPSK	1	53	23.14	23.22	23.14	24.5	0.0
20	Pi/2 BPSK	1	104	23.13	23.20	23.15		
20	Pi/2 BPSK	50	0	22.68	22.80	22.74	24.0	0.5
20	Pi/2 BPSK	50	28	23.24	23.30	23.24	24.5	0.0
20	Pi/2 BPSK	50	56	22.68	22.77	22.69		
20	Pi/2 BPSK	100	0	22.63	22.75	22.62	24.0	0.5
20	QPSK	1	1	23.26	23.42	23.33		
20	QPSK	1	53	23.19	23.26	23.14	24.5	0.0
20	QPSK	1	104	23.13	23.18	23.09		
20	QPSK	50	0	22.23	22.30	22.16	23.5	1.0
20	QPSK	50	28	23.18	23.20	23.19	24.5	0.0
20	QPSK	50	56	22.01	22.15	22.10		
20	QPSK	100	0	22.06	22.20	22.10	23.5	1.0
20	16QAM	1	1	22.05	22.10	22.01	23.5	1.0
20	64QAM	1	1	20.85	20.96	20.86	22.0	2.5
20	256QAM	1	1	19.07	19.10	19.04	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.14	23.32	23.23	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1860	1905		
10	QPSK	1	1	23.14	23.33	23.22	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.21	23.28	23.21	24.5	0.0

n2_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				372000	376000	380000		
Frequency (MHz)				1860	1860	1900		
20	Pi/2 BPSK	1	1	22.96	23.05	22.96		
20	Pi/2 BPSK	1	53	22.64	22.72	22.64	24.5	0.0
20	Pi/2 BPSK	1	104	22.66	22.80	22.72		
20	Pi/2 BPSK	50	0	22.36	22.43	22.30	24.0	0.5
20	Pi/2 BPSK	50	28	22.69	22.77	22.71	24.5	0.0
20	Pi/2 BPSK	50	56	22.26	22.33	22.24		
20	Pi/2 BPSK	100	0	22.11	22.25	22.15	24.0	0.5
20	QPSK	1	1	23.05	23.10	22.96		
20	QPSK	1	53	22.82	22.75	22.67	24.5	0.0
20	QPSK	1	104	22.72	22.84	22.69		
20	QPSK	50	0	21.81	21.92	21.86	23.5	1.0
20	QPSK	50	28	22.08	22.79	22.24	24.5	0.0
20	QPSK	50	56	21.67	21.72	21.67		
20	QPSK	100	0	21.63	21.77	21.64	23.5	1.0
20	16QAM	1	1	22.12	22.25	22.20	23.5	1.0
20	64QAM	1	1	20.18	20.28	20.17	22.0	2.5
20	256QAM	1	1	18.62	18.77	18.63	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.95	23.02	22.86	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1860	1905		
10	QPSK	1	1	23.00	23.00	22.81	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.00	23.02	22.82	24.5	0.0

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				166500	167300	167800	25.0	0.0
Frequency (MHz)				834	836.5	840		
20	PI/2 BPSK	1	1	23.47	23.58	23.47		
20	PI/2 BPSK	1	53	23.40	23.53	23.42		
20	PI/2 BPSK	1	104	23.40	23.51	23.39	24.5	0.5
20	PI/2 BPSK	50	0	23.41	23.55	23.40		
20	PI/2 BPSK	50	28	23.53	23.60	23.54		
20	PI/2 BPSK	50	56	23.46	23.57	23.46		
20	PI/2 BPSK	100	0	23.47	23.58	23.45	25.0	0.0
20	QPSK	1	1	23.54	23.63	23.58		
20	QPSK	1	53	23.42	23.52	23.39		
20	QPSK	1	104	23.41	23.55	23.40		
20	QPSK	50	0	23.03	23.12	23.02	24.0	1.0
20	QPSK	50	28	23.52	23.62	23.56	25.0	0.0
20	QPSK	50	56	23.00	23.10	23.00	24.0	1.0
20	QPSK	100	0	23.06	23.15	23.01		
20	16QAM	1	1	23.10	23.18	23.05		
20	64QAM	1	1	21.33	21.40	21.32	22.5	2.5
20	256QAM	1	1	19.65	19.70	19.55	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5	25.0	0.0
15	QPSK	1	1	23.49	23.51	23.43	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844	25.0	0.0
10	QPSK	1	1	23.41	23.55	23.53	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5	25.0	0.0
5	QPSK	1	1	23.40	23.52	23.46	25.0	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				166800	167300	167800	25.0	0.0
Frequency (MHz)				834	836.5	840		
20	PI/2 BPSK	1	1	23.54	23.69	23.59		
20	PI/2 BPSK	1	53	23.47	23.60	23.51		
20	PI/2 BPSK	1	104	23.55	23.60	23.50	24.5	0.5
20	PI/2 BPSK	50	0	23.49	23.69	23.46		
20	PI/2 BPSK	50	28	23.60	23.70	23.64		
20	PI/2 BPSK	50	56	23.57	23.67	23.60		
20	PI/2 BPSK	100	0	23.57	23.67	23.58	25.0	0.0
20	QPSK	1	1	23.69	23.74	23.63		
20	QPSK	1	53	23.53	23.61	23.48		
20	QPSK	1	104	23.46	23.65	23.53		
20	QPSK	50	0	23.08	23.27	23.17	24.0	1.0
20	QPSK	50	28	23.59	23.71	23.62	25.0	0.0
20	QPSK	50	56	23.14	23.18	23.15	24.0	1.0
20	QPSK	100	0	23.18	23.27	23.07		
20	16QAM	1	1	23.21	23.27	23.18		
20	64QAM	1	1	21.28	21.34	21.26	22.5	2.5
20	256QAM	1	1	19.50	19.57	19.40	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5	25.0	0.0
15	QPSK	1	1	23.55	23.60	23.51	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844	25.0	0.0
10	QPSK	1	1	23.61	23.65	23.56	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5	25.0	0.0
5	QPSK	1	1	23.62	23.68	23.52	25.0	0.0

n7_Ant 2

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				502000	507000	512000	24.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.65	23.69	23.65		
20	PI/2 BPSK	1	53	23.54	23.67	23.61		
20	PI/2 BPSK	1	104	23.55	23.64	23.56	24.0	0.5
20	PI/2 BPSK	50	0	22.98	23.20	22.96		
20	PI/2 BPSK	50	28	23.53	23.63	23.48		
20	PI/2 BPSK	50	56	23.03	23.08	22.98		
20	PI/2 BPSK	100	0	23.01	23.08	23.02	24.5	0.0
20	QPSK	1	1	23.71	23.76	23.70		
20	QPSK	1	53	23.62	23.75	23.63		
20	QPSK	1	104	23.55	23.73	23.65		
20	QPSK	50	0	22.51	22.59	22.52	23.5	1.0
20	QPSK	50	28	23.58	23.62	23.50	24.5	0.0
20	QPSK	50	56	22.62	22.66	22.51	23.5	1.0
20	QPSK	100	0	22.54	22.66	22.46		
20	16QAM	1	1	22.63	22.67	22.53		
20	64QAM	1	1	20.64	20.76	20.57	22.0	2.5
20	256QAM	1	1	19.28	19.37	19.27	20.0	4.5
Channel				501500	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	24.5	0.0
15	QPSK	1	1	23.62	23.65	23.60	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	24.5	0.0
10	QPSK	1	1	23.65	23.61	23.63	24.5	0.0
Channel				500500	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	24.5	0.0
5	QPSK	1	1	23.58	23.61	23.60	24.5	0.0

n7_Ant 3

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				502000	507000	512000	24.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	23.87	23.97	23.89		
20	PI2 BPSK	1	53	23.81	23.93	23.88		
20	PI2 BPSK	1	104	23.83	23.93	23.85	24.0	0.5
20	PI2 BPSK	50	0	23.28	23.40	23.26	24.5	0.0
20	PI2 BPSK	50	56	23.60	23.85	23.75	24.0	0.5
20	PI2 BPSK	100	0	23.24	23.36	23.28	24.5	0.0
20	QPSK	1	1	23.93	24.00	23.86	24.5	0.0
20	QPSK	1	53	23.85	23.95	23.85	24.5	0.0
20	QPSK	1	104	23.84	23.97	23.85	24.5	0.0
20	QPSK	50	0	22.76	22.89	22.77	23.5	1.0
20	QPSK	50	56	23.70	23.85	23.77	24.5	0.0
20	QPSK	50	56	22.83	22.90	22.77	23.5	1.0
20	QPSK	100	0	22.80	22.86	22.74	23.5	1.0
20	16QAM	1	1	22.83	22.91	22.77	23.5	1.0
20	64QAM	1	1	20.86	21.00	20.86	22.0	2.5
20	256QAM	1	1	19.57	19.65	19.57	20.0	4.5
Channel				501500	507000	512500	24.5	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.83	23.94	23.78		
Channel				501000	507000	513000		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.79	23.89	23.73	24.5	0.0
Channel				500500	507000	513500	24.5	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.83	23.88	23.80		

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				502000	507000	512000	24.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	23.75	23.88	23.80		
20	PI2 BPSK	1	53	23.63	23.70	23.59		
20	PI2 BPSK	1	104	23.63	23.77	23.72	24.0	0.5
20	PI2 BPSK	50	0	23.11	23.20	23.11	24.5	0.0
20	PI2 BPSK	50	56	23.58	23.72	23.60	24.0	0.5
20	PI2 BPSK	100	0	23.17	23.25	23.12	24.5	0.0
20	QPSK	1	1	23.85	23.90	23.75	24.5	0.0
20	QPSK	1	53	23.57	23.70	23.57	24.5	0.0
20	QPSK	1	104	23.72	23.85	23.70	24.5	0.0
20	QPSK	50	0	22.55	22.68	22.54	23.5	1.0
20	QPSK	50	56	23.75	23.82	23.70	24.5	0.0
20	QPSK	50	56	22.82	22.88	22.74	23.5	1.0
20	QPSK	100	0	22.64	22.74	22.69	23.5	1.0
20	16QAM	1	1	22.86	22.96	22.85	23.5	1.0
20	64QAM	1	1	20.89	20.99	20.80	22.0	2.5
20	256QAM	1	1	19.04	19.15	19.08	20.0	4.5
Channel				501500	507000	512500	24.5	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.78	23.85	23.69		
Channel				501000	507000	513000		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.80	23.81	23.61	24.5	0.0
Channel				500500	507000	513500	24.5	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.76	23.84	23.64		

n12_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				141300	141500	141700	25.0	0.0
Frequency (MHz)				706.5	707.5	708.5		
15	PI2 BPSK	1	1	23.32	23.51	23.41		
15	PI2 BPSK	1	19	23.27	23.48	23.35		
15	PI2 BPSK	1	36	23.32	23.40	23.25	24.5	0.5
15	PI2 BPSK	18	0	23.33	23.40	23.25	25.0	0.0
15	PI2 BPSK	18	10	23.47	23.52	23.40	24.5	0.5
15	PI2 BPSK	18	20	23.33	23.52	23.37	24.5	0.5
15	PI2 BPSK	36	0	23.35	23.51	23.31	24.5	0.5
15	QPSK	1	1	23.43	23.55	23.53	25.0	0.0
15	QPSK	1	19	23.31	23.44	23.28	25.0	0.0
15	QPSK	1	36	23.31	23.50	23.35	24.0	1.0
15	QPSK	18	0	22.95	23.00	22.92	24.0	1.0
15	QPSK	18	10	23.43	23.51	23.44	25.0	0.0
15	QPSK	18	20	22.94	23.00	22.86	24.0	1.0
15	QPSK	36	0	22.99	23.04	22.96	24.0	1.0
15	16QAM	1	1	22.98	23.12	22.99	24.0	1.0
15	64QAM	1	1	21.27	21.31	21.18	22.5	2.5
15	256QAM	1	1	19.55	19.61	19.42	20.5	4.5
Channel				140800	141500	142200	25.0	0.0
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.37	23.45	23.43		
Channel				140300	141500	142700		
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.30	23.43	23.48	25.0	0.0

n12_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				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	PI/2 BPSK	1	1	23.25	23.38	23.28	25.0	0.0	
15	PI/2 BPSK	1	19	23.22	23.43	23.28			
15	PI/2 BPSK	1	36	23.26	23.29	23.20			
15	PI/2 BPSK	18	0	23.18	23.33	23.15	24.5	0.5	
15	PI/2 BPSK	18	10	23.36	23.42	23.31	25.0	0.0	
15	PI/2 BPSK	18	20	23.22	23.40	23.30	24.5	0.5	
15	PI/2 BPSK	36	0	23.28	23.37	23.18			
15	QPSK	1	1	23.37	23.48	23.30			
15	QPSK	1	19	23.20	23.38	23.13	25.0	0.0	
15	QPSK	1	36	23.23	23.44	23.30	24.0	1.0	
15	QPSK	18	0	22.86	22.90	22.87			
15	QPSK	18	10	23.28	23.44	23.30			
15	QPSK	18	20	22.83	22.90	22.79	24.0	1.0	
15	QPSK	36	0	22.81	22.99	22.82			
15	16QAM	1	1	22.82	22.99	22.85	24.0	1.0	
15	64QAM	1	1	21.19	21.18	21.03	22.5	2.5	
15	256QAM	1	1	19.42	19.48	19.27	20.5	4.5	
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	23.37	23.48	23.44	25.0	0.0	
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5 <th>707.5</th> <th>713.5</th>	707.5	713.5			
5	QPSK	1	1	23.38	23.46	23.48	25.0	0.0	

n66_Ant 2									
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	356000			
Frequency (MHz)				1725	1745	1765			
30	PI/2 BPSK	1	1	23.41	23.44	23.38	24.5	0.0	
30	PI/2 BPSK	1	39	23.20	23.31	23.25			
30	PI/2 BPSK	1	76	23.17	23.36	23.23			
30	PI/2 BPSK	36	0	23.08	23.12	23.04	24.0	0.5	
30	PI/2 BPSK	36	21	23.27	23.36	23.28	24.5	0.0	
30	PI/2 BPSK	36	42	23.47	23.45	23.41	24.0	0.5	
30	PI/2 BPSK	75	0	23.09	23.20	23.18			
30	QPSK	1	1	23.44	23.52	23.41			
30	QPSK	1	39	23.29	23.39	23.33	24.5	0.0	
30	QPSK	1	76	23.34	23.41	23.29	23.5	1.0	
30	QPSK	36	0	22.99	22.84	22.99			
30	QPSK	36	21	23.33	23.40	23.31			
30	QPSK	36	42	23.25	23.33	23.30	23.5	1.0	
30	QPSK	75	0	22.62	22.67	22.63			
30	16QAM	1	1	22.61	22.75	22.60	23.5	1.0	
30	64QAM	1	1	20.62	20.69	20.58	22.0	2.5	
30	256QAM	1	1	19.30	19.38	19.33	20.0	4.5	
Channel				346000	349000	356000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.37	23.38	23.31	24.5	0.0	
Channel				345000	348000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	23.36	23.44	23.29	24.5	0.0	
Channel				343000	345000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.30	23.47	23.28	24.5	0.0	
Channel				342500	345000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	23.29	23.47	23.34	24.5	0.0	

n66_Ant 3									
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				345000	349000	353000			
Frequency (MHz)				1725	1745	1765			
30	PI/2 BPSK	1	1	23.46	23.52	23.44	24.5	0.0	
30	PI/2 BPSK	1	39	23.34	23.45	23.34			
30	PI/2 BPSK	1	76	23.30	23.42	23.34			
30	PI/2 BPSK	36	0	23.43	23.52	23.43	24.0	0.5	
30	PI/2 BPSK	36	21	23.39	23.46	23.38	24.5	0.0	
30	PI/2 BPSK	36	42	23.33	23.43	23.35	24.0	0.5	
30	PI/2 BPSK	75	0	23.52	23.59	23.53			
30	QPSK	1	1	23.50	23.50	23.47	24.5	0.0	
30	QPSK	1	39	23.44	23.52	23.40			
30	QPSK	1	76	23.49	23.55	23.41			
30	QPSK	36	0	23.00	23.06	22.99	23.5	1.0	
30	QPSK	36	21	23.43	23.53	23.44	24.5	0.0	
30	QPSK	36	42	23.39	23.47	23.34	23.5	1.0	
30	QPSK	75	0	22.98	23.12	22.98			
30	16QAM	1	1	23.11	23.20	23.07	23.5	1.0	
30	64QAM	1	1	21.37	21.50	21.38	22.0	2.5	
30	256QAM	1	1	19.88	20.00	19.89	20.0	4.5	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.43	23.47	23.36	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	23.43	23.52	23.32	24.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.39	23.47	23.34	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	23.35	23.54	23.34	24.5	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				345000	349000	353000			
Frequency (MHz)				1725	1745	1765			
30	PI/2 BPSK	1	1	23.47	23.52	23.46	24.5	0.0	
30	PI/2 BPSK	1	39	23.39	23.45	23.31			
30	PI/2 BPSK	1	76	23.44	23.51	23.39			
30	PI/2 BPSK	36	0	22.94	22.99	22.93	24.0	0.5	
30	PI/2 BPSK	36	21	23.36	23.46	23.32	24.5	0.0	
30	PI/2 BPSK	36	42	23.32	23.43	23.36	24.0	0.5	
30	PI/2 BPSK	75	0	22.96	23.10	22.96			
30	QPSK	1	1	23.50	23.50	23.41	24.5	0.0	
30	QPSK	1	39	23.37	23.48	23.38			
30	QPSK	1	76	23.33	23.46	23.38			
30	QPSK	36	0	22.32	22.46	22.33	23.5	1.0	
30	QPSK	36	21	23.30	23.44	23.39	24.5	0.0	
30	QPSK	36	42	23.28	23.35	23.24	23.5	1.0	
30	QPSK	75	0	22.33	22.48	22.42			
30	16QAM	1	1	22.28	22.40	22.33	23.5	1.0	
30	64QAM	1	1	20.65	20.79	20.66	22.0	2.5	
30	256QAM	1	1	19.19	19.25	19.16	20.0	4.5	
Channel				344000	349000	354000	Tune-up limit	MPR	
Frequency (MHz)				1720	1745	1770	(dBm)		
20	QPSK	1	1	23.43	23.49	23.33	24.5	0.0	
Channel				343500	349000	354500	Tune-up limit	MPR	
Frequency (MHz)				1717.5	1745	1772.5	(dBm)		
15	QPSK	1	1	23.41	23.50	23.35	24.5	0.0	
Channel				343000	349000	355000	Tune-up limit	MPR	
Frequency (MHz)				1715	1745	1775	(dBm)		
10	QPSK	1	1	23.37	23.44	23.28	24.5	0.0	
Channel				342500	349000	355500	Tune-up limit	MPR	
Frequency (MHz)				1712.5	1745	1777.5	(dBm)		
5	QPSK	1	1	23.41	23.49	23.32	24.5	0.0	



n38_Ant 2

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	24.5	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.27	23.33	23.18	24.5	0.0
40	PI/2 BPSK	1	53	23.21	23.28	23.23		
40	PI/2 BPSK	1	104	23.29	23.39	23.30		
40	PI/2 BPSK	50	0	22.70	22.77	22.69		
40	PI/2 BPSK	50	28	23.08	23.20	23.10	24.0	0.5
40	PI/2 BPSK	50	56	22.73	22.80	22.68	24.0	0.5
40	PI/2 BPSK	100	0	22.06	22.20	22.14	24.5	0.0
40	QPSK	1	1	23.09	23.36	23.46		
40	QPSK	1	53	23.24	23.35	23.24		
40	QPSK	1	104	23.35	23.50	23.38		
40	QPSK	50	0	22.52	22.59	22.51	24.5	0.0
40	QPSK	50	28	23.24	23.38	23.33		
40	QPSK	50	56	22.69	22.52	22.57		
40	QPSK	100	0	22.58	22.69	22.59		
40	16QAM	1	1	22.33	22.45	22.35	23.5	1.0
40	64QAM	1	1	20.47	20.53	20.44	22.0	2.5
40	256QAM	1	1	18.91	19.00	18.95	20.0	4.5
Channel				517002 <th>519000<th>520998</th><th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th>	519000 <th>520998</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01 <th>2595<th>2604.99</th><th>24.5</th><th>0.0</th></th>	2595 <th>2604.99</th> <th>24.5</th> <th>0.0</th>	2604.99	24.5	0.0
30	QPSK	1	1	23.40	23.44	23.39	24.5	0.0
Channel				516000 <th>519000<th>522000</th><th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th>	519000 <th>522000</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580 <th>2595<th>2610<th>24.5<td>0.0</td></th></th></th>	2595 <th>2610<th>24.5<td>0.0</td></th></th>	2610 <th>24.5<td>0.0</td></th>	24.5 <td>0.0</td>	0.0
20	QPSK	1	1	23.40	23.51	23.37	24.5	0.0

n38_Ant 3

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	24.5	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.95	23.02	22.94	24.5	0.0
40	PI/2 BPSK	1	53	22.82	22.91	22.78		
40	PI/2 BPSK	1	104	22.99	22.95	22.94		
40	PI/2 BPSK	50	0	22.95	22.96	22.91		
40	PI/2 BPSK	50	28	22.81	22.89	22.76	24.0	0.5
40	PI/2 BPSK	50	56	22.85	22.94	23.01	24.0	0.5
40	PI/2 BPSK	100	0	22.88	23.04	23.02	24.5	0.0
40	QPSK	1	1	23.00	23.02	23.00		
40	QPSK	1	53	22.89	22.98	22.90		
40	QPSK	1	104	22.84	22.92	22.85		
40	QPSK	50	0	22.91	22.98	22.86	24.5	0.0
40	QPSK	50	28	22.99	23.02	23.00		
40	QPSK	50	56	22.93	23.01	22.87		
40	QPSK	100	0	22.81	22.95	22.84		
40	16QAM	1	1	22.77	22.85	22.76	23.5	1.0
40	64QAM	1	1	21.18	21.25	21.15	22.0	2.5
40	256QAM	1	1	19.54	19.68	19.60	20.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99	24.5	0.0
30	QPSK	1	1	22.90	22.94	22.86	24.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610	24.5	0.0
20	QPSK	1	1	22.87	22.92	22.84	24.5	0.0

n38_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				518004	519000	519996	24.5	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.03	23.18	23.09	24.5	0.0
40	PI/2 BPSK	1	53	23.06	23.11	23.01		
40	PI/2 BPSK	1	104	22.99	23.07	22.99		
40	PI/2 BPSK	50	0	23.00	23.15	23.00		
40	PI/2 BPSK	50	28	22.99	23.07	22.99	24.0	0.5
40	PI/2 BPSK	50	56	23.00	23.09	22.97	24.0	0.5
40	PI/2 BPSK	100	0	22.97	23.10	23.04	24.5	0.0
40	QPSK	1	1	23.16	23.22	23.15		
40	QPSK	1	53	23.02	23.09	23.01		
40	QPSK	1	104	22.93	23.08	23.01		
40	QPSK	50	0	22.87	22.98	22.83	24.5	0.0
40	QPSK	50	28	22.79	22.93	22.87		
40	QPSK	50	56	22.80	22.65	22.60		
40	QPSK	100	0	22.61	22.71	22.62		
40	16QAM	1	1	22.85	22.83	22.77	23.5	1.0
40	64QAM	1	1	20.64	20.75	20.61	22.0	2.5
40	256QAM	1	1	18.77	18.88	18.81	20.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99	24.5	0.0
30	QPSK	1	1	23.01	23.09	22.98	24.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610	24.5	0.0
20	QPSK	1	1	23.10	23.11	23.01	24.5	0.0

n41_Ant 2_PC3

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		
				2646.01	2592.99	2640		
100	Pi/2 BPSK	1	1	23.42	23.47	23.48		0.0
100	Pi/2 BPSK	1	137	23.41	23.47	23.44	24.5	
100	Pi/2 BPSK	1	271	23.45	23.46	23.39		
100	Pi/2 BPSK	135	0	23.39	23.42	23.35	24.5	
100	Pi/2 BPSK	135	69	23.46	23.47	23.37	24.5	0.0
100	Pi/2 BPSK	135	138	23.38	23.54	23.44		
100	Pi/2 BPSK	270	0	23.38	23.41	23.41	24.5	
100	QPSK	1	1	23.53	23.57	23.50		0.0
100	QPSK	1	137	23.48	23.48	23.38	24.5	
100	QPSK	1	271	23.51	23.40	23.48		
100	QPSK	135	0	23.24	23.29	23.25		
100	QPSK	135	69	23.35	23.42	23.34	24.5	0.0
100	QPSK	135	138	23.32	23.36	23.26		
100	QPSK	270	0	23.23	23.32	23.25	24.5	0.0
100	16QAM	1	1	23.36	23.51	23.35	24.5	
100	64QAM	1	1	21.40	21.48	21.33	23.0	1.5
100	256QAM	1	1	19.96	20.06	19.93	21.0	3.5
Channel								
Frequency (MHz)				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	23.34	23.38	23.25	24.5	0.0
Channel								
Frequency (MHz)				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	23.34	23.41	23.27	24.5	0.0
Channel								
Frequency (MHz)				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	23.31	23.32	23.21	24.5	0.0
Channel								
Frequency (MHz)				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	23.30	23.32	23.20	24.5	0.0
Channel								
Frequency (MHz)				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	23.28	23.28	23.33	24.5	0.0
Channel								
Frequency (MHz)				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	23.16	23.22	23.20	24.5	0.0
Channel								
Frequency (MHz)				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	23.23	23.33	23.29	24.5	0.0
Channel								
Frequency (MHz)				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	23.02	23.02	23.02	24.5	0.0

n41_Ant 2_PC2

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		
100 Pi/2 BPSK								
100	Pi/2 BPSK	1	1	24.45	24.50	24.37		0.0
100	Pi/2 BPSK	1	137	24.38	24.45	24.39	25.5	
100	Pi/2 BPSK	1	271	24.29	24.42	24.33		0.5
100	Pi/2 BPSK	135	0	23.76	23.85	23.77	25.0	
100	Pi/2 BPSK	135	69	24.35	24.40	24.25		25.5
100	Pi/2 BPSK	135	138	23.72	23.79	23.69		0.5
100	Pi/2 BPSK	270	0	23.72	23.81	23.68		
100	QPSK	1	1	24.46	24.53	24.47		0.0
100	QPSK	1	137	24.33	24.45	24.40	25.5	
100	QPSK	1	271	24.37	24.43	24.37		0.0
100	QPSK	135	0	23.29	23.36	23.30		
100	QPSK	135	69	24.31	24.38	24.31	25.5	0.0
100	QPSK	135	138	23.32	23.40	23.33		0.0
100	QPSK	270	0	23.23	23.32	23.25	24.5	
100	16QAM	1	1	23.36	23.51	23.35	24.5	1.0
100	64QAM	1	1	21.40	21.48	21.33	23.0	2.5
100	256QAM	1	1	19.96	20.06	19.93	21.0	4.5
Channel								
Frequency (MHz)				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	24.37	24.45	24.32	25.5	0.0
Channel								
Frequency (MHz)				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	24.43	24.47	24.42	25.5	0.0
Channel								
Frequency (MHz)				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	24.40	24.38	24.42	25.5	0.0
Channel								
Frequency (MHz)				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	24.40	24.48	24.37	25.5	0.0
Channel								
Frequency (MHz)				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	24.36	24.44	24.36	25.5	0.0
Channel								
Frequency (MHz)				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	24.42	24.48	24.35	25.5	0.0
Channel								
Frequency (MHz)				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	24.33	24.40	24.41	25.5	0.0
Channel								
Frequency (MHz)				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	24.38	24.38	24.35	25.5	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								
Frequency (MHz)				509202	518598	528000		
				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	23.01	23.05	23.03		0.0
100	Pi/2 BPSK	1	137	23.07	23.09	23.02	24.5	
100	Pi/2 BPSK	1	271	23.07	23.06	23.12		24.5
100	Pi/2 BPSK	135	0	23.11	23.17	23.13	24.5	
100	Pi/2 BPSK	135	69	23.04	23.12	23.11	24.5	0.0
100	Pi/2 BPSK	135	138	23.00	23.13	23.03		24.5
100	Pi/2 BPSK	270	0	23.01	23.04	23.06		
100	QPSK	1	1	23.12	23.16	23.15		24.5
100	QPSK	1	137	23.05	23.03	23.01		
100	QPSK	1	271	23.07	23.06	23.07		24.5
100	QPSK	135	0	23.03	23.06	23.04		
100	QPSK	135	69	23.10	23.15	23.12		24.5
100	QPSK	135	138	23.05	23.05	23.10		
100	QPSK	270	0	23.05	23.12	23.04	24.5	0.0
100	16QAM	1	1	22.81	22.96	22.91	24.5	0.0
100	64QAM	1	1	21.57	21.72	21.67	23.0	1.5
100	256QAM	1	1	20.06	20.18	20.11	21.0	3.5
Channel								
Frequency (MHz)				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	23.02	23.16	23.11	24.5	0.0
Channel								
Frequency (MHz)				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	23.06	23.05	23.13	24.5	0.0
Channel								
Frequency (MHz)				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	23.06	23.12	23.03	24.5	0.0
Channel								
Frequency (MHz)				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	23.04	23.09	23.14	24.5	0.0
Channel								
Frequency (MHz)				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	23.10	23.11	23.06	24.5	0.0
Channel								
Frequency (MHz)				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	23.11	23.03	23.01	24.5	0.0
Channel								
Frequency (MHz)				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	23.07	23.16	23.08	24.5	0.0
Channel								
Frequency (MHz)				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	23.06	23.09	23.09	24.5	0.0
20	QPSK	1	1	23.11	23.17	23.13	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	23.97	24.10	23.99	25.5	0.0
100	PI2 BPSK	1	137	24.00	24.12	23.99		
100	PI2 BPSK	1	271	23.92	24.07	23.93		
100	PI2 BPSK	135	0	23.49	23.54	23.48	25.0	0.5
100	PI2 BPSK	135	69	23.88	23.99	23.91	25.5	0.0
100	PI2 BPSK	135	138	23.34	23.46	23.34	25.0	0.5
100	PI2 BPSK	270	0	23.38	23.50	23.44	25.5	0.0
100	QPSK	1	1	24.07	24.14	24.03		
100	QPSK	1	137	23.96	24.05	23.99		
100	QPSK	1	271	24.00	24.11	24.01	25.5	0.0
100	QPSK	135	0	23.47	23.49	23.48		
100	QPSK	135	69	24.01	24.06	24.03		
100	QPSK	135	138	23.31	23.46	23.33	24.5	1.0
100	QPSK	270	0	23.05	23.12	23.04		
100	16QAM	1	1	22.81	22.96	22.91		
100	64QAM	1	1	21.57	21.72	21.67	23.0	2.5
100	256QAM	1	1	20.06	20.18	20.11	21.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.02	24.05	23.96	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.00	24.04	23.97	25.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2631.01	2692.99	2645		
70	QPSK	1	1	23.95	24.06	23.93	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.95	24.07	23.96	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2621.02	2692.99	2664.99		
50	QPSK	1	1	23.93	24.05	23.94	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.95	24.04	23.89	25.5	0.0
Channel				502200	518598	535000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.01	24.05	23.94	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.92	24.05	23.89	25.5	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	PI2 BPSK	1	1	23.30	23.36	23.21	24.5	0.0
100	PI2 BPSK	1	137	23.21	23.30	23.26		
100	PI2 BPSK	1	271	23.27	23.32	23.18		
100	PI2 BPSK	135	0	23.28	23.28	23.19	24.5	0.0
100	PI2 BPSK	135	69	23.34	23.28	23.31	24.5	0.0
100	PI2 BPSK	135	138	23.21	23.23	23.18	24.5	0.0
100	PI2 BPSK	270	0	23.20	23.25	23.18	24.5	0.0
100	QPSK	1	1	23.35	23.38	23.33		
100	QPSK	1	137	23.32	23.30	23.26		
100	QPSK	1	271	23.29	23.35	23.25	24.5	0.0
100	QPSK	135	0	23.29	23.30	23.23		
100	QPSK	135	69	23.31	23.35	23.24		
100	QPSK	135	138	23.20	23.34	23.20	24.5	0.0
100	QPSK	270	0	23.20	23.37	23.27		
100	16QAM	1	1	23.29	23.32	23.18		
100	64QAM	1	1	21.97	22.06	21.91	23.0	1.5
100	256QAM	1	1	20.45	20.56	20.42	21.0	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.18	23.27	23.17	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.20	23.25	23.17	24.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2631.01	2692.99	2645		
70	QPSK	1	1	23.21	23.24	23.13	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.16	23.18	23.20	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2621.02	2692.99	2664.99		
50	QPSK	1	1	23.15	23.23	23.26	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.15	23.25	23.23	24.5	0.0
Channel				502200	518598	535000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.25	23.20	23.22	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.28	23.32	23.15	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	24.24	24.32	24.20	25.5	0.0
100	PI2 BPSK	1	137	24.23	24.28	24.21		
100	PI2 BPSK	1	271	24.14	24.25	24.11		
100	PI2 BPSK	135	0	24.21	24.33	24.19	25.0	0.5
100	PI2 BPSK	135	69	24.20	24.31	24.21	25.5	0.0
100	PI2 BPSK	135	138	24.16	24.28	24.15	25.0	0.5
100	PI2 BPSK	270	0	24.19	24.32	24.19	25.5	0.0
100	QPSK	1	1	24.27	24.35	24.26		
100	QPSK	1	137	24.16	24.31	24.16		
100	QPSK	1	271	24.14	24.29	24.15	25.5	0.0
100	QPSK	135	0	23.86	23.96	23.81		
100	QPSK	135	69	24.31	24.33	24.24		
100	QPSK	135	138	23.65	23.72	23.63	24.5	1.0
100	QPSK	270	0	23.26	23.37	23.27		
100	16QAM	1	1	23.29	23.32	23.18		
100	64QAM	1	1	21.97	22.06	21.91	23.0	2.5
100	256QAM	1	1	20.45	20.56	20.42	21.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.15	24.24	24.19	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.17	24.27	24.25	25.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2631.01	2692.99	2645		
70	QPSK	1	1	24.12	24.27	24.23	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.20	24.27	24.20	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2621.02	2692.99	2664.99		
50	QPSK	1	1	24.22	24.28	24.17	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.12	24.20	24.22	25.5	0.0
Channel				502200	518598	535000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.22	24.22	24.23	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.19	24.24	24.17	25.5	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				638000	641666	645332		
Frequency (MHz)				3670	3624.99	3679.98		
40	PI2 BPSK	1	1	23.55	23.68	23.63	24.5	0.0
40	PI2 BPSK	1	53	22.95	23.06	22.91		
40	PI2 BPSK	1	104	23.61	23.66	23.53		
40	PI2 BPSK	50	0	23.00	23.05	22.91	24.0	0.5
40	PI2 BPSK	50	28	23.00	23.12	23.04	24.5	0.0
40	PI2 BPSK	50	56	22.62	22.77	22.69	24.0	0.5
40	PI2 BPSK	100	0	23.15	23.20	23.12	24.5	0.0
40	QPSK	1	1	23.67	23.70	23.56		
40	QPSK	1	53	23.03	23.10	23.02		
40	QPSK	1	104	23.56	23.68	23.52	24.5	0.0
40	QPSK	50	0	22.96	23.03	22.96		
40	QPSK	50	28	23.02	23.10	23.01		
40	QPSK	50	56	22.96	23.02	22.88	23.5	1.0
40	QPSK	100	0	22.71	22.80	22.74		
40	16QAM	1	1	23.24	23.30	23.24	24.0	0.5
40	64QAM	1	1	21.46	21.60	21.54	22.5	2.0
40	256QAM	1	1	20.64	20.74	20.65	21.5	3.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR
Frequency (MHz)				3680.01	3624.99	3680		
20	QPSK	1	1	23.62	23.55	23.49		

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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				638000	641666	645332		
Frequency (MHz)				3670	3624.99	3679.98		
40	PI2 BPSK	1	1	23.52	23.60	23.53	24.5	0.0
40	PI2 BPSK	1	53	22.73	22.85	22.70		
40	PI2 BPSK	1	104	23.47	23.58	23.52		
40	PI2 BPSK	50	0	23.14	23.20	23.10	24.0	0.5
40	PI2 BPSK	50	28	22.81	22.90	22.82	24.5	0.0
40	PI2 BPSK	50	56	23.12	23.18	23.10	24.0	0.5
40	PI2 BPSK	100	0	22.84	22.99	22.82	24.5	0.0
40	QPSK	1	1	23.51	23.62	23.52		
40	QPSK	1	53	22.72	22.83	22.75		
40	QPSK	1	104	23.51	23.60	23.51	24.5	0.0
40	QPSK	50	0	22.73	22.84	22.79		
40	QPSK	50	28	22.75	22.89	22.82		
40	QPSK	50	56	22.55	22.70	22.55	23.5	1.0
40	QPSK	100	0	22.66	22.73	22.59		
40	16QAM	1	1	23.35	23.40	23.31	24.0	0.5
40	64QAM	1	1	21.13	21.28	21.22	22.5	2.0
40	256QAM	1	1	20.13	20.18	20.04	21.5	3.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR
Frequency (MHz)				3680.01	3624.99	3680		
20	QPSK	1	1	23.49	23.52	23.41		

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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				638000	641666	645332		
Frequency (MHz)				3670	3624.99	3679.98		
40	PI2 BPSK	1	1	21.49	21.60	21.48	22.5	0.0
40	PI2 BPSK	1	53	21.08	21.04	21.10		
40	PI2 BPSK	1	104	21.44	21.57	21.46		
40	PI2 BPSK	50	0	21.01	21.16	21.04	22.5	0.0
40	PI2 BPSK	50	28	20.96	21.05	20.94	22.5	0.0
40	PI2 BPSK	50	56	20.89	21.02	20.93	22.5	0.0
40	PI2 BPSK	100	0	20.99	21.09	20.97	22.5	0.0
40	QPSK	1	1	21.56	21.66	21.53		
40	QPSK	1	53	21.35	21.37	21.38		
40	QPSK	1	104	21.36	21.43	21.33	22.5	0.0
40	QPSK	50	0	21.07	21.10	21.04		
40	QPSK	50	28	21.25	21.28	21.17		
40	QPSK	50	56	21.21	21.20	21.12	22.5	0.0
40	QPSK	100	0	20.94	21.00	20.88		
40	16QAM	1	1	21.25	21.32	21.25	22.5	0.0
40	64QAM	1	1	20.48	20.60	20.55	21.5	1.0
40	256QAM	1	1	18.93	18.99	18.94	20.0	2.5
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR
Frequency (MHz)				3680.01	3624.99	3680		
20	QPSK	1	1	21.48	21.54	21.41		

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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				636000	641666	645332	22.5	0.0
Frequency (MHz)				3670	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.20	21.35	21.21		
40	PI/2 BPSK	1	53	20.74	20.86	20.76		
40	PI/2 BPSK	1	104	21.23	21.32	21.24	22.0	0.5
40	PI/2 BPSK	50	0	20.85	20.92	20.80	22.0	0.0
40	PI/2 BPSK	50	28	20.59	20.70	20.63	22.0	0.5
40	PI/2 BPSK	50	56	20.82	20.96	20.82	22.0	0.5
40	PI/2 BPSK	100	0	20.78	20.89	20.80	22.0	0.0
40	QPSK	1	1	21.15	21.38	21.32	22.5	0.0
40	QPSK	1	53	19.82	19.95	19.88		
40	QPSK	1	104	20.61	20.75	20.69		
40	QPSK	50	0	19.88	19.99	19.85		
40	QPSK	50	28	20.55	20.68	20.57	22.5	0.0
40	QPSK	50	56	19.63	19.75	19.66	22.5	0.0
40	QPSK	100	0	20.13	20.20	20.15	21.5	1.0
40	16QAM	1	1	20.22	20.36	20.21	21.5	1.0
40	64QAM	1	1	18.54	18.67	18.60	20.0	2.5
40	256QAM	1	1	17.55	17.58	17.52	18.0	4.5
Channel				637334	641666	646000	Tune-up limit	MPR
Frequency (MHz)				3680.01	3624.99	3690	(dBm)	(dB)
20	QPSK	1	1	21.24	21.26	21.19	22.5	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				640000	641666	645332	24.5	0.0
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	23.30	23.43	23.36		
100	PI/2 BPSK	1	137	23.36	23.48	23.36		
100	PI/2 BPSK	1	271	23.40	23.45	23.40	24.0	0.5
100	PI/2 BPSK	135	0	23.33	23.43	23.31	24.0	0.0
100	PI/2 BPSK	135	69	23.26	23.41	23.29	24.5	0.0
100	PI/2 BPSK	135	138	23.30	23.40	23.34	24.0	0.5
100	PI/2 BPSK	270	0	23.32	23.38	23.28	24.5	0.0
100	QPSK	1	1	23.42	23.59	23.46	24.5	0.0
100	QPSK	1	137	23.34	23.46	23.35		
100	QPSK	1	271	23.40	23.49	23.43		
100	QPSK	135	0	23.40	23.45	23.39		
100	QPSK	135	69	23.36	23.43	23.31	24.5	0.0
100	QPSK	135	138	23.29	23.39	23.33	24.5	0.0
100	QPSK	270	0	23.22	23.35	23.29	23.5	1.0
100	16QAM	1	1	23.05	23.19	23.14	24.0	0.5
100	64QAM	1	1	21.52	21.60	21.55	22.5	2.0
100	256QAM	1	1	20.06	20.20	20.10	21.5	3.0
Channel				639334	641666	644000	Tune-up limit	MPR
Frequency (MHz)				3598.01	3624.99	3600	(dBm)	(dB)
80	QPSK	1	1	23.37	23.39	23.41	24.5	0.0
Channel				638668	641666	644666	Tune-up limit	MPR
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)	(dB)
60	QPSK	1	1	23.30	23.45	23.40	24.5	0.0
Channel				636000	641666	645332	Tune-up limit	MPR
Frequency (MHz)				3670	3624.99	3679.98	(dBm)	(dB)
40	QPSK	1	1	23.33	23.38	23.32	24.5	0.0
Channel				637668	641666	645666	Tune-up limit	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)	(dB)
30	QPSK	1	1	23.34	23.41	23.37	24.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR
Frequency (MHz)				3680.01	3624.99	3690	(dBm)	(dB)
20	QPSK	1	1	23.29	23.38	23.40	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				633332	633332	633332	24.5	0.0
Frequency (MHz)				3499.98	3499.98	3499.98		
100	PI/2 BPSK	1	1	23.34	23.34	23.34		
100	PI/2 BPSK	1	137	23.39	23.39	23.39		
100	PI/2 BPSK	1	271	23.40	23.40	23.40	24.0	0.5
100	PI/2 BPSK	135	0	23.34	23.34	23.34	24.0	0.0
100	PI/2 BPSK	135	69	23.32	23.32	23.32	24.5	0.0
100	PI/2 BPSK	135	138	23.31	23.31	23.31	24.0	0.5
100	PI/2 BPSK	270	0	23.24	23.24	23.24	24.5	0.0
100	QPSK	1	1	23.42	23.42	23.42	24.5	0.0
100	QPSK	1	137	23.31	23.31	23.31		
100	QPSK	1	271	23.36	23.36	23.36		
100	QPSK	135	0	23.32	23.32	23.32		
100	QPSK	135	69	23.36	23.36	23.36	24.5	0.0
100	QPSK	135	138	23.29	23.29	23.29	23.5	1.0
100	QPSK	270	0	23.27	23.27	23.27	24.0	0.5
100	16QAM	1	1	23.11	23.11	23.11	22.0	2.0
100	64QAM	1	1	21.52	21.52	21.52	21.5	3.0
100	256QAM	1	1	20.08	20.08	20.08	21.5	3.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	23.28	23.28	23.31	24.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	23.29	23.37	23.32	24.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	23.27	23.31	23.30	24.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	23.28	23.34	23.29	24.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	23.31	23.27	23.32	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				650000	656000	662000	24.5	0.0
Frequency (MHz)				3750	3840	3930		
100	PI2 BPSK	1	1	23.13	23.22	23.09		
100	PI2 BPSK	1	137	23.17	23.32	23.24		
100	PI2 BPSK	1	271	23.18	23.33	23.26	24.0	0.5
100	PI2 BPSK	135	0	22.98	23.09	22.81		
100	PI2 BPSK	135	69	23.20	23.26	23.01		
100	PI2 BPSK	135	138	22.90	23.05	22.75		
100	PI2 BPSK	270	0	22.81	22.89	22.68	24.0	0.5
100	QPSK	1	1	23.43	23.33	23.20		
100	QPSK	1	137	23.22	23.24	23.12		
100	QPSK	1	271	23.22	23.30	23.15		
100	QPSK	135	0	23.11	23.23	23.09	24.5	0.0
100	QPSK	135	69	23.25	23.34	23.15		
100	QPSK	135	138	23.03	23.14	23.03		
100	QPSK	270	0	23.00	22.98	22.90		
100	16QAM	1	1	22.74	22.86	22.58	24.0	0.5
100	64QAM	1	1	21.06	21.20	20.92		
100	256QAM	1	1	19.66	19.73	19.50		
100	256QAM	1	1	19.66	19.73	19.50		
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3760.01	3840	3930.99		
80	QPSK	1	1	23.34	23.20	23.10		
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	23.35	23.24	23.12		
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.37	23.25	23.06		
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	23.30	23.27	23.08		
Channel				647334	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	23.38	23.18	23.12		

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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				640000	641666	643332	24.5	0.0
Frequency (MHz)				3600	3624.99	3649.98		
100	PI2 BPSK	1	1	23.75	23.81	23.74		
100	PI2 BPSK	1	137	23.76	23.82	23.71		
100	PI2 BPSK	1	271	23.73	23.85	23.80	24.0	0.5
100	PI2 BPSK	135	0	23.17	23.32	23.27		
100	PI2 BPSK	135	69	23.67	23.80	23.68		
100	PI2 BPSK	135	138	23.17	23.28	23.13		
100	PI2 BPSK	270	0	23.24	23.30	23.16	24.5	0.0
100	QPSK	1	1	23.83	23.96	23.82		
100	QPSK	1	137	23.76	23.85	23.76		
100	QPSK	1	271	23.70	23.82	23.76		
100	QPSK	135	0	22.63	22.77	22.69	24.5	0.0
100	QPSK	135	69	23.59	23.70	23.55		
100	QPSK	135	138	22.57	22.63	22.54		
100	QPSK	270	0	22.52	22.61	22.55		
100	16QAM	1	1	22.80	23.00	22.89	24.0	0.5
100	64QAM	1	1	20.92	21.02	20.94		
100	256QAM	1	1	19.38	19.53	19.44		
100	256QAM	1	1	19.38	19.53	19.44		
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3649.98		
80	QPSK	1	1	23.71	23.82	23.72		
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	23.68	23.73	23.77		
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	23.70	23.79	23.74		
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.76	23.73	23.74		
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.69	23.78	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				633332			24.5	0.0
Frequency (MHz)				3499.98				
100	PI2 BPSK	1	1	23.67				
100	PI2 BPSK	1	137	23.67				
100	PI2 BPSK	1	271	23.74			24.0	0.5
100	PI2 BPSK	135	0	23.20				
100	PI2 BPSK	135	69	23.66				
100	PI2 BPSK	135	138	23.14				
100	PI2 BPSK	270	0	23.22			24.5	0.0
100	QPSK	1	1	23.77				
100	QPSK	1	137	23.72				
100	QPSK	1	271	23.74				
100	QPSK	135	0	22.63			24.5	0.0
100	QPSK	135	69	23.60				
100	QPSK	135	138	22.53				
100	QPSK	270	0	22.53				
100	16QAM	1	1	22.91			24.0	0.5
100	64QAM	1	1	20.89				
100	256QAM	1	1	19.42				
100	256QAM	1	1	19.42				
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3499.98	3510		
80	QPSK	1	1	23.72	23.66	23.63		
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.66	23.63	23.63		
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.71	23.62	23.67		
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.72	23.62	23.65		
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.72	23.72	23.65		

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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				650000	656000	662000	24.5	0.0
Frequency (MHz)				3750	3840	3930		
100	PI2 BPSK	1	1	23.70	23.71	23.61		
100	PI2 BPSK	1	137	23.66	23.69	23.57	24.0	0.5
100	PI2 BPSK	1	271	23.63	23.75	23.69		
100	PI2 BPSK	135	0	23.04	23.17	23.17		
100	PI2 BPSK	135	69	23.55	23.72	23.60	24.5	0.0
100	PI2 BPSK	135	138	23.11	23.13	23.08	24.0	0.5
100	PI2 BPSK	270	0	23.09	23.24	23.11	24.5	0.0
100	QPSK	1	1	23.70	23.75	23.72		
100	QPSK	1	137	23.70	23.75	23.70		
100	QPSK	1	271	23.63	23.68	23.67	24.5	0.0
100	QPSK	135	0	22.58	22.70	22.60		
100	QPSK	135	69	23.50	23.62	23.47		
100	QPSK	135	138	22.53	22.62	22.57	23.5	1.0
100	QPSK	270	0	22.40	22.54	22.44		
100	16QAM	1	1	22.78	22.91	22.79	24.0	0.5
100	64QAM	1	1	20.85	20.94	20.87	22.5	2.0
100	256QAM	1	1	19.33	19.41	19.34	20.5	4.0
Channel				643334	650000	656666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3930.99	(dBm)	(dB)
80	QPSK	1	1	23.64	23.70	23.58	24.5	0.0
Channel				648666	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	23.62	23.63	23.61	24.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	23.58	23.65	23.58	24.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	23.66	23.72	23.66	24.5	0.0
Channel				647334	650000	656666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	23.61	23.72	23.66	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				640000	641666	643332	22.5	0.0
Frequency (MHz)				36000	3624.99	3649.98		
100	PI2 BPSK	1	1	21.80	21.94	21.87		
100	PI2 BPSK	1	137	21.80	21.85	21.71	22.5	0.0
100	PI2 BPSK	1	271	21.79	21.89	21.84		
100	PI2 BPSK	135	0	21.85	21.92	21.83		
100	PI2 BPSK	135	69	21.72	21.80	21.70	22.5	0.0
100	PI2 BPSK	135	138	21.63	21.68	21.56	22.5	0.0
100	PI2 BPSK	270	0	21.65	21.70	21.63	22.5	0.0
100	QPSK	1	1	21.86	21.97	21.84		
100	QPSK	1	137	21.79	21.88	21.76		
100	QPSK	1	271	21.84	21.90	21.78	22.5	0.0
100	QPSK	135	0	21.65	21.76	21.71		
100	QPSK	135	69	21.73	21.80	21.75		
100	QPSK	135	138	21.58	21.69	21.63	22.5	0.0
100	QPSK	270	0	21.35	21.45	21.31		
100	16QAM	1	1	21.84	21.93	21.79	22.5	0.0
100	64QAM	1	1	20.04	20.18	20.12	21.5	1.0
100	256QAM	1	1	18.10	18.20	18.07	19.5	3.0
Channel				639334	641666	644000	Tune-up limit	MPR
Frequency (MHz)				3590.01	3624.99	3650	(dBm)	(dB)
80	QPSK	1	1	21.80	21.91	21.72	22.5	0.0
Channel				638668	641666	644666	Tune-up limit	MPR
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)	(dB)
60	QPSK	1	1	21.79	21.85	21.78	22.5	0.0
Channel				638000	641666	645332	Tune-up limit	MPR
Frequency (MHz)				3570	3624.99	3679.98	(dBm)	(dB)
40	QPSK	1	1	21.76	21.85	21.74	22.5	0.0
Channel				637668	641666	645666	Tune-up limit	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)	(dB)
30	QPSK	1	1	21.79	21.89	21.78	22.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)
20	QPSK	1	1	21.82	21.88	21.79	22.5	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				633332			22.5	0.0
Frequency (MHz)				3499.98				
100	PI2 BPSK	1	1	21.85				
100	PI2 BPSK	1	137	21.80				
100	PI2 BPSK	1	271	21.74				
100	PI2 BPSK	135	0	21.77				
100	PI2 BPSK	135	69	21.71				
100	PI2 BPSK	135	138	21.57				
100	PI2 BPSK	270	0	21.63				
100	QPSK	1	1	21.86				
100	QPSK	1	137	21.83				
100	QPSK	1	271	21.80				
100	QPSK	135	0	21.68				
100	QPSK	135	69	21.75				
100	QPSK	135	138	21.59				
100	QPSK	270	0	21.30				
100	16QAM	1	1	21.85				
100	64QAM	1	1	20.08				
100	256QAM	1	1	18.14				
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	21.79	21.73	21.75	22.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.74	21.73	21.81	22.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.81	21.80	21.76	22.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.80	21.79	21.78	22.5	0.0
Channel				630666	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.76	21.78	21.78	22.5	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				650000	650000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	21.70	21.89	21.78	22.5	0.0	
100	PI2 BPSK	1	137	21.85	21.79	21.58			
100	PI2 BPSK	1	271	21.84	21.83	21.70			
100	PI2 BPSK	135	0	21.73	21.85	21.75	22.5	0.0	
100	PI2 BPSK	135	69	21.86	21.66	21.65	22.5	0.0	
100	PI2 BPSK	135	138	21.50	21.55	21.42	22.5	0.0	
100	PI2 BPSK	270	0	21.80	21.55	21.48	22.5	0.0	
100	QPSK	1	1	21.85	21.90	21.65			
100	QPSK	1	137	21.84	21.75	21.65			
100	QPSK	1	271	21.78	21.77	21.73	22.5	0.0	
100	QPSK	135	0	21.53	21.64	21.59			
100	QPSK	135	69	21.61	21.73	21.61			
100	QPSK	135	138	21.43	21.64	21.48	22.5	0.0	
100	QPSK	270	0	21.26	21.30	21.16			
100	QPSK	270	0	21.26	21.30	21.16			
100	16QAM	1	1	21.70	21.88	21.69	22.5	0.0	
100	64QAM	1	1	19.91	20.08	20.04	21.5	1.0	
100	256QAM	1	1	17.97	18.14	17.99	19.5	3.0	
Channel				649334	650000	662066	Tune-up limit	MPR	
Frequency (MHz)				3743.01	3840	3933.99	(dBm)	(dB)	
80	QPSK	1	1	21.70	21.76	21.77	22.5	0.0	
Channel				648668	650000	663332	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)	
60	QPSK	1	1	21.70	21.83	21.80	22.5	0.0	
Channel				648000	650000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	21.77	21.79	21.80	22.5	0.0	
Channel				647668	650000	664332	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)	
30	QPSK	1	1	21.73	21.82	21.73	22.5	0.0	
Channel				647334	650000	664666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)	
20	QPSK	1	1	21.77	21.78	21.76	22.5	0.0	

Part96_n77_Ant 6									
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				640000	641666	643332			
Frequency (MHz)				3600	3624.99	3649.98			
100	PI2 BPSK	1	1	22.62	22.68	22.59	23.5	0.0	
100	PI2 BPSK	1	137	22.57	22.72	22.62			
100	PI2 BPSK	1	271	22.60	22.70	22.59			
100	PI2 BPSK	135	0	22.09	22.19	22.10	23.0	0.5	
100	PI2 BPSK	135	69	22.61	22.66	22.61	23.5	0.0	
100	PI2 BPSK	135	138	21.95	22.07	21.99	23.0	0.5	
100	PI2 BPSK	270	0	21.95	22.05	21.92	23.5	0.0	
100	QPSK	1	1	22.65	22.74	22.66			
100	QPSK	1	137	22.57	22.70	22.57			
100	QPSK	1	271	22.56	22.69	22.55	23.5	0.0	
100	QPSK	135	0	21.99	21.65	21.59			
100	QPSK	135	69	22.59	22.69	22.62			
100	QPSK	135	138	21.45	21.52	21.47	22.5	1.0	
100	QPSK	270	0	21.34	21.46	21.36			
100	QPSK	270	0	21.34	21.46	21.36			
100	16QAM	1	1	21.37	21.45	21.35	22.5	1.0	
100	64QAM	1	1	19.72	19.88	19.80	21.0	2.5	
100	256QAM	1	1	18.16	18.22	18.10	19.0	4.5	
Channel				639334	641666	644000	Tune-up limit	MPR	
Frequency (MHz)				3593.01	3624.99	3660	(dBm)	(dB)	
80	QPSK	1	1	22.50	22.61	22.58	23.5	0.0	
Channel				638668	641666	644666	Tune-up limit	MPR	
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)	(dB)	
60	QPSK	1	1	22.59	22.60	22.56	23.5	0.0	
Channel				638000	641666	645332	Tune-up limit	MPR	
Frequency (MHz)				3570	3624.99	3679.99	(dBm)	(dB)	
40	QPSK	1	1	22.57	22.64	22.63	23.5	0.0	
Channel				637668	641666	645666	Tune-up limit	MPR	
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)	(dB)	
30	QPSK	1	1	22.55	22.61	22.60	23.5	0.0	
Channel				637334	641666	646000	Tune-up limit	MPR	
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)	
20	QPSK	1	1	22.55	22.65	22.61	23.5	0.0	

Part27Q_n77_Ant 6								
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				633332				
Frequency (MHz)				3499.98				
100	PI2 BPSK	1	1	22.61			23.5	0.0
100	PI2 BPSK	1	137	22.58				
100	PI2 BPSK	1	271	22.62				
100	PI2 BPSK	135	0	22.14			23.0	0.5
100	PI2 BPSK	135	69	22.58			23.5	0.0
100	PI2 BPSK	135	138	21.96			23.0	0.5
100	PI2 BPSK	270	0	21.94			23.5	0.0
100	QPSK	1	1	22.56				
100	QPSK	1	137	22.56				
100	QPSK	1	271	22.56				
100	QPSK	135	0	21.50			23.5	0.0
100	QPSK	135	69	22.62				
100	QPSK	135	138	21.45				
100	QPSK	270	0	21.40			22.5	1.0
100	16QAM	1	1	21.38			22.5	1.0
100	64QAM	1	1	19.77			21.0	2.5
100	256QAM	1	1	18.15			19.0	4.5
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3489.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	22.54	22.60	22.60	23.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.61	22.62	22.61	23.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3473.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.57	22.61	22.59	23.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.61	22.57	22.58	23.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.57	22.56	22.56	23.5	0.0

Part27O_n77_Ant 6								
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				650000	650000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI2 BPSK	1	1	22.49	22.56	22.53	23.5	0.0
100	PI2 BPSK	1	137	22.51	22.67	22.50		
100	PI2 BPSK	1	271	22.46	22.65	22.50		
100	PI2 BPSK	135	0	22.00	22.08	22.03	23.0	0.5
100	PI2 BPSK	135	69	22.47	22.58	22.49	23.5	0.0
100	PI2 BPSK	135	138	21.90	21.93	21.89	23.0	0.5
100	PI2 BPSK	270	0	21.67	21.99	21.77	23.5	0.0
100	QPSK	1	1	22.40	22.70	22.56		
100	QPSK	1	137	22.43	22.65	22.46		
100	QPSK	1	271	22.42	22.57	22.41		
100	QPSK	135	0	21.46	21.60	21.48	23.5	0.0
100	QPSK	135	69	22.45	22.64	22.51		
100	QPSK	135	138	21.38	21.41	21.41		
100	QPSK	270	0	21.29	21.43	21.21	22.5	1.0
100	16QAM	1	1	21.22	21.38	21.25	22.5	1.0
100	64QAM	1	1	19.61	19.74	19.67	21.0	2.5
100	256QAM	1	1	18.10	18.10	18.00	19.0	4.5
Channel				649334	650000	662666	Tune-up limit	MPR
Frequency (MHz)				3744.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	22.54	22.60	22.42	23.5	0.0
Channel				648668	650000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	22.50	22.61	22.51	23.5	0.0
Channel				648000	650000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	22.56	22.56	22.47	23.5	0.0
Channel				647668	650000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	22.52	22.65	22.45	23.5	0.0
Channel				647334	650000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3965.98	(dBm)	(dB)
20	QPSK	1	1	22.51	22.58	22.43	23.5	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				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	23.24	23.38	23.25	24.5	0.0
20	PI2 BPSK	1	53	23.14	23.22	23.16		
20	PI2 BPSK	1	104	23.15	23.19	23.16	24.0	0.5
20	PI2 BPSK	50	0	22.74	22.86	22.80		
20	PI2 BPSK	50	28	23.28	23.34	23.30	24.5	0.0
20	PI2 BPSK	50	56	22.70	22.84	22.72		
20	PI2 BPSK	100	0	22.67	22.73	22.69	24.0	0.5
20	QPSK	1	1	23.26	23.40	23.31		
20	QPSK	1	53	23.24	23.30	23.16	24.5	0.0
20	QPSK	1	104	23.16	23.16	23.07		
20	QPSK	50	0	22.26	22.29	22.22	23.5	1.0
20	QPSK	50	28	23.19	23.30	23.21		
20	QPSK	50	56	22.01	22.19	22.11	23.5	1.0
20	QPSK	100	0	22.06	22.22	22.12		
20	16QAM	1	1	22.07	22.11	22.06	23.5	1.0
20	16QAM	1	1	20.89	21.03	20.84		
20	256QAM	1	1	19.15	19.16	19.11	20.0	4.5
Channel				371500	376000	380500		
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	23.13	23.35	23.26		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.17	23.27	23.18	24.5	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1852.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	23.15	23.35	23.21		

Reduced Power Mode for DSI5

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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				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	17.89	18.04	17.97	19.0	0.0
20	PI2 BPSK	1	53	17.98	17.95	17.94		
20	PI2 BPSK	1	104	17.89	17.95	18.03	19.0	0.0
20	PI2 BPSK	50	0	17.97	17.93	18.03		
20	PI2 BPSK	50	28	18.01	18.00	17.91	19.0	0.0
20	PI2 BPSK	50	56	17.93	17.93	17.93		
20	PI2 BPSK	100	0	17.88	17.97	18.03	19.0	0.0
20	QPSK	1	1	18.02	18.08	18.05		
20	QPSK	1	53	18.00	17.94	17.90	19.0	0.0
20	QPSK	1	104	17.98	18.00	17.92		
20	QPSK	50	0	17.94	18.04	17.96	19.0	0.0
20	QPSK	50	28	18.00	18.06	17.99		
20	QPSK	50	56	17.99	18.01	17.92	19.0	0.0
20	QPSK	100	0	17.88	18.05	18.02		
20	16QAM	1	1	17.92	17.96	17.92	19.0	0.0
20	16QAM	1	1	17.87	17.93	18.04		
20	256QAM	1	1	17.89	17.98	17.95	19.0	0.0
Channel				371500	376000	380500		
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	17.89	18.03	17.99		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.98	17.95	17.95	19.0	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1852.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	17.97	17.95	17.92		

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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				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	16.64	16.63	16.60	18.0	0.0
20	PI2 BPSK	1	53	16.64	16.69	16.52		
20	PI2 BPSK	1	104	16.66	16.71	16.61	18.0	0.0
20	PI2 BPSK	50	0	16.54	16.72	16.55		
20	PI2 BPSK	50	28	16.58	16.61	16.52	18.0	0.0
20	PI2 BPSK	50	56	16.65	16.69	16.60		
20	PI2 BPSK	100	0	16.61	16.68	16.59	18.0	0.0
20	QPSK	1	1	16.69	16.74	16.62		
20	QPSK	1	53	16.62	16.73	16.58	18.0	0.0
20	QPSK	1	104	16.60	16.65	16.50		
20	QPSK	50	0	16.63	16.65	16.55	18.0	0.0
20	QPSK	50	28	16.65	16.73	16.61		
20	QPSK	50	56	16.57	16.63	16.56	18.0	0.0
20	QPSK	100	0	16.62	16.67	16.64		
20	16QAM	1	1	16.58	16.64	16.54	18.0	0.0
20	16QAM	1	1	16.55	16.73	16.51		
20	256QAM	1	1	16.56	16.62	16.61	18.0	0.0
Channel				371500	376000	380500		
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	16.60	16.59	16.62		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.66	16.64	16.51	18.0	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1852.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	16.64	16.66	16.62		

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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				166300	167300	168300	25.0	0.0
Frequency (MHz)				831.5	836.5	841.5		
20	PI/2 BPSK	1	1	23.47	23.58	23.47	25.0	0.0
20	PI/2 BPSK	1	53	23.40	23.53	23.42		
20	PI/2 BPSK	1	104	23.40	23.51	23.39	24.5	0.5
20	PI/2 BPSK	50	0	23.41	23.55	23.40		
20	PI/2 BPSK	50	28	23.53	23.60	23.54	24.5	0.5
20	PI/2 BPSK	50	56	23.46	23.57	23.48		
20	PI/2 BPSK	100	0	23.47	23.58	23.45	25.0	0.0
20	QPSK	1	1	23.54	23.63	23.56		
20	QPSK	1	53	23.42	23.52	23.39	24.0	1.0
20	QPSK	1	104	23.41	23.55	23.40		
20	QPSK	50	0	23.03	23.12	23.02	24.0	1.0
20	QPSK	50	28	23.50	23.62	23.56		
20	QPSK	50	56	23.00	23.10	23.00	24.0	1.0
20	QPSK	100	0	23.06	23.15	23.01		
20	16QAM	1	1	23.10	23.18	23.05	23.5	2.5
20	64QAM	1	1	21.33	21.40	21.32		
20	256QAM	1	1	19.65	19.70	19.55	20.5	4.5
Channel				166300	167300	168300	25.0	0.0
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.49	23.51	23.43	25.0	0.0
Channel				165300	167300	169300		
Frequency (MHz)				829	836.5	844	25.0	0.0
10	QPSK	1	1	23.41	23.55	23.53		
Channel				165300	167300	169300	25.0	0.0
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.40	23.52	23.46	25.0	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				166300	167300	168300	23.5	0.0
Frequency (MHz)				834	839.5	846		
20	PI/2 BPSK	1	1	22.05	22.09	22.04	23.5	0.0
20	PI/2 BPSK	1	53	21.99	22.19	22.08		
20	PI/2 BPSK	1	104	22.01	22.10	22.13	23.5	0.0
20	PI/2 BPSK	50	0	22.01	22.13	22.09		
20	PI/2 BPSK	50	28	22.01	22.15	22.13	23.5	0.0
20	PI/2 BPSK	50	56	22.05	22.12	22.07		
20	PI/2 BPSK	100	0	22.01	22.14	22.08	23.5	0.0
20	QPSK	1	1	22.13	22.20	22.15		
20	QPSK	1	53	22.03	22.12	22.09	23.5	0.0
20	QPSK	1	104	22.12	22.16	22.02		
20	QPSK	50	0	22.12	22.12	22.08	23.5	0.0
20	QPSK	50	28	22.15	22.17	22.11		
20	QPSK	50	56	22.06	22.08	22.04	23.5	0.0
20	QPSK	100	0	22.11	22.15	22.00		
20	16QAM	1	1	21.98	22.07	22.09	23.5	0.0
20	64QAM	1	1	21.16	21.24	21.16		
20	256QAM	1	1	19.40	19.47	19.30	20.5	3.0
Channel				166300	167300	168300	23.5	0.0
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.99	22.18	22.05	23.5	0.0
Channel				165300	167300	169300		
Frequency (MHz)				829	836.5	844	23.5	0.0
10	QPSK	1	1	22.08	22.19	22.08		
Channel				165300	167300	169300	23.5	0.0
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.07	22.09	22.01	23.5	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				500500	507000	513500	24.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.65	23.69	23.65	24.0	0.5
20	PI/2 BPSK	1	53	23.54	23.67	23.61		
20	PI/2 BPSK	1	104	23.55	23.64	23.56	24.0	0.5
20	PI/2 BPSK	50	0	22.98	23.20	22.96		
20	PI/2 BPSK	50	28	23.53	23.63	23.48	24.0	0.5
20	PI/2 BPSK	50	56	23.03	23.09	22.98		
20	PI/2 BPSK	100	0	23.01	23.08	23.02	24.5	0.0
20	QPSK	1	1	23.71	23.79	23.70		
20	QPSK	1	53	23.62	23.75	23.63	23.5	1.0
20	QPSK	1	104	23.55	23.73	23.65		
20	QPSK	50	0	22.51	22.58	22.52	23.5	0.0
20	QPSK	50	28	23.58	23.62	23.50		
20	QPSK	50	56	22.62	22.66	22.51	23.5	1.0
20	QPSK	100	0	22.54	22.68	22.46		
20	16QAM	1	1	22.63	22.67	22.53	22.9	2.5
20	64QAM	1	1	20.64	20.78	20.57		
20	256QAM	1	1	19.28	19.37	19.27	20.0	4.5
Channel				501500	507000	512500	24.5	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.62	23.65	23.60	24.5	0.0
Channel				500500	507000	513500		
Frequency (MHz)				2509	2535	2565	24.5	0.0
10	QPSK	1	1	23.65	23.61	23.63		
Channel				500500	507000	513500	24.5	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.58	23.61	23.60	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				50200	50700	51200	16.0	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	15.24	15.28	15.21	16.0	0.0
20	PI2 BPSK	1	53	15.22	15.32	15.20		
20	PI2 BPSK	1	104	15.26	15.29	15.32	16.0	0.0
20	PI2 BPSK	50	0	15.32	15.39	15.34		
20	PI2 BPSK	50	28	15.26	15.31	15.20	16.0	0.0
20	PI2 BPSK	50	56	15.32	15.32	15.32		
20	PI2 BPSK	100	0	15.23	15.39	15.28	16.0	0.0
20	QPSK	1	1	15.33	15.42	15.35		
20	QPSK	1	53	15.31	15.37	15.33	16.0	0.0
20	QPSK	1	104	15.32	15.39	15.33		
20	QPSK	50	0	15.18	15.29	15.24	16.0	0.0
20	QPSK	50	28	15.21	15.37	15.32		
20	QPSK	50	56	15.20	15.35	15.23	16.0	0.0
20	QPSK	100	0	15.29	15.34	15.26		
20	16QAM	1	1	15.30	15.40	15.28	16.0	0.0
20	64QAM	1	1	15.32	15.29	15.34		
20	256QAM	1	1	15.20	15.31	15.24	16.0	0.0
Channel				501500	507000	512500		
Frequency (MHz)				2507.5	2535	2562.5	16.0	0.0
15	QPSK	1	1	15.22	15.39	15.22		
Channel				501000	507000	513000	16.0	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.30	15.41	15.27	16.0	0.0
Channel				500500	507000	513500		
Frequency (MHz)				2502.5	2535	2567.5	16.0	0.0
5	QPSK	1	1	15.28	15.36	15.22		

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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				50200	50700	51200	17.0	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	16.23	16.31	16.38	17.0	0.0
20	PI2 BPSK	1	53	16.34	16.33	16.38		
20	PI2 BPSK	1	104	16.36	16.32	16.36	17.0	0.0
20	PI2 BPSK	50	0	16.24	16.30	16.38		
20	PI2 BPSK	50	28	16.31	16.42	16.34	17.0	0.0
20	PI2 BPSK	50	56	16.24	16.35	16.28		
20	PI2 BPSK	100	0	16.31	16.44	16.39	17.0	0.0
20	QPSK	1	1	16.38	16.45	16.49		
20	QPSK	1	53	16.35	16.30	16.35	17.0	0.0
20	QPSK	1	104	16.32	16.38	16.38		
20	QPSK	50	0	16.27	16.37	16.33	17.0	0.0
20	QPSK	50	28	16.31	16.40	16.37		
20	QPSK	50	56	16.26	16.35	16.31	17.0	0.0
20	QPSK	100	0	16.25	16.38	16.33		
20	16QAM	1	1	16.28	16.34	16.29	17.0	0.0
20	64QAM	1	1	16.23	16.30	16.30		
20	256QAM	1	1	16.30	16.37	16.35	17.0	0.0
Channel				501500	507000	512500		
Frequency (MHz)				2507.5	2535	2562.5	17.0	0.0
15	QPSK	1	1	16.27	16.44	16.33		
Channel				501000	507000	513000	17.0	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.26	16.32	16.38	17.0	0.0
Channel				500500	507000	513500		
Frequency (MHz)				2502.5	2535	2567.5	17.0	0.0
5	QPSK	1	1	16.35	16.35	16.36		

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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				141300	141500	141700	25.0	0.0
Frequency (MHz)				706.5	707.5	708.5		
15	PI2 BPSK	1	1	23.32	23.51	23.41	25.0	0.0
15	PI2 BPSK	1	19	23.27	23.48	23.35		
15	PI2 BPSK	1	36	23.32	23.40	23.25	24.5	0.5
15	PI2 BPSK	18	0	23.33	23.40	23.25		
15	PI2 BPSK	18	10	23.47	23.52	23.40	24.5	0.5
15	PI2 BPSK	18	20	23.33	23.52	23.37		
15	PI2 BPSK	36	0	23.35	23.51	23.31	25.0	0.0
15	QPSK	1	1	23.43	23.55	23.53		
15	QPSK	1	19	23.31	23.44	23.28	24.0	1.0
15	QPSK	1	36	23.31	23.50	23.35		
15	QPSK	18	0	22.95	23.03	22.92	25.0	0.0
15	QPSK	18	10	23.43	23.51	23.44		
15	QPSK	18	20	22.94	23.00	22.86	24.0	1.0
15	QPSK	36	0	22.99	23.04	22.96		
15	16QAM	1	1	22.98	23.12	22.99	22.5	2.5
15	64QAM	1	1	21.27	21.31	21.18		
15	256QAM	1	1	19.55	19.61	19.42	20.5	4.5
Channel				140800	141500	142200		
Frequency (MHz)				704	707.5	711	25.0	0.0
10	QPSK	1	1	23.37	23.45	23.43		
Channel				140300	141000	141700	25.0	0.0
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.30	23.43	23.48	25.0	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				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	PI/2 BPSK	1	1	20.95	20.99	20.89	22.5	0.0	
15	PI/2 BPSK	1	19	21.02	20.95	20.96			
15	PI/2 BPSK	1	36	20.96	21.02	20.90			
15	PI/2 BPSK	18	0	20.93	21.06	20.94	22.5	0.0	
15	PI/2 BPSK	18	10	20.91	21.06	20.90	22.5	0.0	
15	PI/2 BPSK	18	20	21.02	20.93	20.89	22.5	0.0	
15	PI/2 BPSK	36	0	20.91	21.01	20.88			
15	QPSK	1	1	21.05	21.08	21.02			
15	QPSK	1	19	20.98	20.95	20.95	22.5	0.0	
15	QPSK	1	36	20.96	21.05	20.88	22.5	0.0	
15	QPSK	18	0	20.96	20.94	20.93			
15	QPSK	18	10	21.02	21.03	21.00			
15	QPSK	18	20	20.98	21.00	20.95	22.5	0.0	
15	QPSK	36	0	20.90	21.00	20.93	22.5	0.0	
15	16QAM	1	1	21.00	20.95	21.00	22.5	0.0	
15	64QAM	1	1	20.99	20.98	20.99	22.5	0.0	
15	256QAM	1	1	19.42	19.48	19.27	20.5	2.0	
Channel				140800	141600	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	20.95	21.00	20.96	22.5	0.0	
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	21.02	21.01	20.91	22.5	0.0	

n66_Ant 2									
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				344000	349000	354000			
Frequency (MHz)				1725	1745	1765			
30	PI/2 BPSK	1	1	23.41	23.44	23.38	24.5	0.0	
30	PI/2 BPSK	1	39	23.20	23.31	23.25			
30	PI/2 BPSK	1	76	23.17	23.32	23.23			
30	PI/2 BPSK	36	0	23.08	23.12	23.04	24.0	0.5	
30	PI/2 BPSK	36	21	23.27	23.36	23.28	24.5	0.0	
30	PI/2 BPSK	36	42	23.47	23.45	23.41	24.0	0.5	
30	PI/2 BPSK	75	0	23.09	23.20	23.18			
30	QPSK	1	1	23.44	23.52	23.41			
30	QPSK	1	39	23.29	23.39	23.33	24.5	0.0	
30	QPSK	1	76	23.34	23.41	23.29			
30	QPSK	36	0	22.59	22.64	22.59	23.5	1.0	
30	QPSK	36	21	23.33	23.40	23.31	24.5	0.0	
30	QPSK	36	42	23.25	23.33	23.30	23.5	1.0	
30	QPSK	75	0	22.62	22.67	22.63			
30	16QAM	1	1	22.61	22.75	22.60	23.5	1.0	
30	64QAM	1	1	20.62	20.69	20.58	22.0	2.5	
30	256QAM	1	1	19.30	19.38	19.33	20.0	4.5	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.37	23.38	23.31	24.5	0.0	
Channel				343500	349500	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5 <td>24.5</td> <td colspan="2">0.0</td>	24.5	0.0	
15	QPSK	1	1	23.36	23.44	23.29	24.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	24.5	0.0	
10	QPSK	1	1	23.30	23.47	23.26	24.5	0.0	
Channel				342500	349500	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	24.5	0.0	
5	QPSK	1	1	23.29	23.47	23.34	24.5	0.0	

n66_Ant 3								
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				345000	346000	353000	18.5	0.0
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	17.33	17.44	17.35	18.5	0.0
30	PI2 BPSK	1	39	17.29	17.50	17.41		
30	PI2 BPSK	1	76	17.36	17.43	17.38	18.5	0.0
30	PI2 BPSK	36	0	17.36	17.49	17.38		
30	PI2 BPSK	36	21	17.37	17.40	17.34	18.5	0.0
30	PI2 BPSK	36	42	17.31	17.40	17.43		
30	PI2 BPSK	75	0	17.42	17.38	17.35	18.5	0.0
30	QPSK	1	1	17.44	17.52	17.45		
30	QPSK	1	39	17.39	17.43	17.39	18.5	0.0
30	QPSK	1	76	17.36	17.43	17.38		
30	QPSK	36	0	17.36	17.45	17.37	18.5	0.0
30	QPSK	36	21	17.41	17.50	17.39		
30	QPSK	36	42	17.36	17.45	17.37	18.5	0.0
30	QPSK	75	0	17.41	17.48	17.35		
30	16QAM	1	1	17.33	17.38	17.44	18.5	0.0
30	64QAM	1	1	17.39	17.40	17.44		
30	256QAM	1	1	17.43	17.39	17.37	18.5	0.0
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770	18.5	0.0
20	QPSK	1	1	17.42	17.49	17.40		
Channel				343500	349000	354500	18.5	0.0
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.38	17.37	17.38	18.5	0.0
Channel				343000	349000	355000		
Frequency (MHz)				1715	1745	1775	18.5	0.0
10	QPSK	1	1	17.40	17.39	17.35		
Channel				342500	349000	355500	18.5	0.0
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.30	17.42	17.44	18.5	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				345000	346000	353000	18.5	0.0
Frequency (MHz)				1725	1745	1765		
30	PI2 BPSK	1	1	17.33	17.51	17.41	18.5	0.0
30	PI2 BPSK	1	39	17.41	17.44	17.45		
30	PI2 BPSK	1	76	17.31	17.44	17.39	18.5	0.0
30	PI2 BPSK	36	0	17.42	17.51	17.41		
30	PI2 BPSK	36	21	17.29	17.44	17.35	18.5	0.0
30	PI2 BPSK	36	42	17.34	17.43	17.44		
30	PI2 BPSK	75	0	17.41	17.43	17.31	18.5	0.0
30	QPSK	1	1	17.43	17.52	17.46		
30	QPSK	1	39	17.39	17.43	17.44	18.5	0.0
30	QPSK	1	76	17.40	17.45	17.44		
30	QPSK	36	0	17.40	17.48	17.42	18.5	0.0
30	QPSK	36	21	17.41	17.48	17.45		
30	QPSK	36	42	17.40	17.38	17.35	18.5	0.0
30	QPSK	75	0	17.39	17.45	17.37		
30	16QAM	1	1	17.40	17.40	17.44	18.5	0.0
30	64QAM	1	1	17.41	17.51	17.45		
30	256QAM	1	1	17.41	17.48	17.41	18.5	0.0
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770	18.5	0.0
20	QPSK	1	1	17.30	17.47	17.31		
Channel				343500	349000	354500	18.5	0.0
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.37	17.45	17.44	18.5	0.0
Channel				343000	349000	355000		
Frequency (MHz)				1715	1745	1775	18.5	0.0
10	QPSK	1	1	17.31	17.48	17.30		
Channel				342500	349000	355500	18.5	0.0
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.35	17.42	17.40	18.5	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.	Tuneup limit (dBm)	MPR (dB)
Channel				518004	519000	519996	24.5	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.27	23.33	23.18	24.5	0.0
40	PI/2 BPSK	1	53	23.21	23.28	23.23		
40	PI/2 BPSK	1	104	23.29	23.39	23.30		
40	PI/2 BPSK	50	0	22.70	22.77	22.69		
40	PI/2 BPSK	50	28	23.08	23.20	23.10	24.5	0.0
40	PI/2 BPSK	50	56	22.73	22.80	22.68	24.0	0.5
40	PI/2 BPSK	100	0	22.06	22.20	22.14	24.5	0.0
40	QPSK	1	1	23.29	23.36	23.46		
40	QPSK	1	53	23.24	23.35	23.24		
40	QPSK	1	104	23.35	23.50	23.38		
40	QPSK	50	0	22.52	22.58	22.51	24.5	0.0
40	QPSK	50	28	23.24	23.38	23.33		
40	QPSK	50	56	22.60	22.52	22.57		
40	QPSK	100	0	22.58	22.69	22.59		
40	16QAM	1	1	22.33	22.45	22.35	23.5	1.0
40	64QAM	1	1	20.47	20.53	20.44	22.0	2.5
40	256QAM	1	1	18.91	19.00	18.95	20.0	4.5
Channel				517002	519000	520998	Tuneup limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99	24.5	0.0
30	QPSK	1	1	23.40	23.44	23.39	24.5	0.0
Channel				516000	519000	522000	Tuneup limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610	24.5	0.0
20	QPSK	1	1	23.40	23.51	23.37	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	17.0	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.61	15.55	15.51	17.0	0.0
40	PI/2 BPSK	1	53	15.60	15.68	15.59		
40	PI/2 BPSK	1	104	15.57	15.64	15.62		
40	PI/2 BPSK	50	0	15.54	15.55	15.55		
40	PI/2 BPSK	50	28	15.59	15.54	15.48	17.0	0.0
40	PI/2 BPSK	50	56	15.53	15.67	15.60	17.0	0.0
40	PI/2 BPSK	100	0	15.57	15.56	15.62	17.0	0.0
40	QPSK	1	1	15.66	15.69	15.64		
40	QPSK	1	53	15.58	15.55	15.51		
40	QPSK	1	104	15.62	15.67	15.62		
40	QPSK	50	0	15.60	15.62	15.59	17.0	0.0
40	QPSK	50	28	15.64	15.65	15.61		
40	QPSK	50	56	15.62	15.58	15.60		
40	QPSK	100	0	15.55	15.63	15.57		
40	16QAM	1	1	15.61	15.67	15.50	17.0	0.0
40	64QAM	1	1	15.58	15.60	15.59	17.0	0.0
40	256QAM	1	1	15.54	15.62	15.50	17.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99	17.0	0.0
30	QPSK	1	1	15.57	15.60	15.61	17.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610	17.0	0.0
20	QPSK	1	1	15.51	15.63	15.52	17.0	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	17.5	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.20	16.25	16.13	17.5	0.0
40	PI/2 BPSK	1	53	16.07	16.29	16.23		
40	PI/2 BPSK	1	104	16.17	16.31	16.11		
40	PI/2 BPSK	50	0	16.07	16.27	16.21		
40	PI/2 BPSK	50	28	16.14	16.23	16.24	17.5	0.0
40	PI/2 BPSK	50	56	16.15	16.27	16.11	17.5	0.0
40	PI/2 BPSK	100	0	16.17	16.26	16.20	17.5	0.0
40	QPSK	1	1	16.24	16.32	16.25		
40	QPSK	1	53	16.07	16.28	16.20		
40	QPSK	1	104	16.19	16.19	16.18		
40	QPSK	50	0	16.16	16.22	16.12	17.5	0.0
40	QPSK	50	28	16.17	16.28	16.21		
40	QPSK	50	56	16.12	16.22	16.18		
40	QPSK	100	0	16.17	16.23	16.10		
40	16QAM	1	1	16.10	16.30	16.15	17.5	0.0
40	64QAM	1	1	16.13	16.24	16.19	17.5	0.0
40	256QAM	1	1	16.10	16.25	16.23	17.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99	17.5	0.0
30	QPSK	1	1	16.20	16.23	16.16	17.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610	17.5	0.0
20	QPSK	1	1	16.15	16.17	16.15	17.5	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								
Frequency (MHz)				509202	518598	528000		
2546.01 2592.99 2640								
100	PI2 BPSK	1	1	23.42	23.47	23.48	24.5	0.0
100	PI2 BPSK	1	137	23.41	23.47	23.44		
100	PI2 BPSK	1	271	23.45	23.46	23.39		
100	PI2 BPSK	135	0	23.39	23.42	23.35		
100	PI2 BPSK	135	69	23.46	23.47	23.37	24.5	0.0
100	PI2 BPSK	135	138	23.38	23.54	23.44	24.5	0.0
100	PI2 BPSK	270	0	23.38	23.41	23.41	24.5	0.0
100	QPSK	1	1	23.33	23.37	23.30		
100	QPSK	1	137	23.48	23.48	23.38		
100	QPSK	1	271	23.51	23.40	23.48		
100	QPSK	135	0	23.24	23.29	23.25	24.5	0.0
100	QPSK	135	69	23.35	23.42	23.34		
100	QPSK	135	138	23.32	23.36	23.26		
100	QPSK	270	0	23.23	23.32	23.25		
100	16QAM	1	1	23.36	23.51	23.35	24.5	0.0
100	64QAM	1	1	21.40	21.48	21.33	23.0	1.5
100	256QAM	1	1	19.96	20.06	19.93	21.0	3.5
Channel								
Frequency (MHz)				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
2544 2592.99 2644.98								
80	QPSK	1	1	23.34	23.38	23.25	24.5	0.0
Channel								
Frequency (MHz)				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
2536.02 2592.99 2649.99								
80	QPSK	1	1	23.34	23.41	23.27	24.5	0.0
Channel								
Frequency (MHz)				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
2531.01 2592.99 2645								
70	QPSK	1	1	23.20	23.32	23.21	24.5	0.0
Channel								
Frequency (MHz)				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
2526 2592.99 2659.98								
60	QPSK	1	1	23.30	23.32	23.20	24.5	0.0
Channel								
Frequency (MHz)				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
2521.02 2592.99 2664.99								
50	QPSK	1	1	23.28	23.28	23.33	24.5	0.0
Channel								
Frequency (MHz)				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
2516.01 2592.99 2670								
40	QPSK	1	1	23.33	23.36	23.19	24.5	0.0
Channel								
Frequency (MHz)				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
2511 2592.99 2674.98								
30	QPSK	1	1	23.23	23.33	23.29	24.5	0.0
Channel								
Frequency (MHz)				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
2506.02 2592.99 2679.99								
20	QPSK	1	1	23.32	23.29	23.27	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								
Frequency (MHz)				509202	518598	528000		
2546.01 2592.99 2640								
100	PI2 BPSK	1	1	24.45	24.50	24.37	25.5	0.0
100	PI2 BPSK	1	137	24.38	24.45	24.39		
100	PI2 BPSK	1	271	24.29	24.42	24.33		
100	PI2 BPSK	135	0	23.76	23.85	23.77		
100	PI2 BPSK	135	69	24.35	24.40	24.25	25.5	0.0
100	PI2 BPSK	135	138	23.72	23.79	23.69	25.0	0.5
100	PI2 BPSK	270	0	23.72	23.81	23.68	25.5	0.0
100	QPSK	1	1	24.48	24.53	24.47		
100	QPSK	1	137	24.33	24.45	24.40		
100	QPSK	1	271	24.37	24.43	24.37		
100	QPSK	135	0	23.29	23.36	23.30	25.5	0.0
100	QPSK	135	69	24.31	24.38	24.31		
100	QPSK	135	138	23.32	23.40	23.33		
100	QPSK	270	0	23.23	23.32	23.25		
100	16QAM	1	1	23.36	23.51	23.35	24.5	1.0
100	64QAM	1	1	21.40	21.48	21.33	23.0	2.5
100	256QAM	1	1	19.96	20.06	19.93	21.0	4.5
Channel								
Frequency (MHz)				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
2541 2592.99 2644.98								
90	QPSK	1	1	24.37	24.45	24.32	25.5	0.0
Channel								
Frequency (MHz)				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
2536.02 2592.99 2649.99								
80	QPSK	1	1	24.43	24.47	24.42	25.5	0.0
Channel								
Frequency (MHz)				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
2531.01 2592.99 2645								
70	QPSK	1	1	24.40	24.38	24.42	25.5	0.0
Channel								
Frequency (MHz)				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
2526 2592.99 2659.98								
60	QPSK	1	1	24.40	24.48	24.37	25.5	0.0
Channel								
Frequency (MHz)				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
2521.02 2592.99 2664.99								
50	QPSK	1	1	24.36	24.44	24.36	25.5	0.0
Channel								
Frequency (MHz)				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
2516.01 2592.99 2670								
40	QPSK	1	1	24.42	24.48	24.35	25.5	0.0
Channel								
Frequency (MHz)				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
2511 2592.99 2674.98								
30	QPSK	1	1	24.33	24.40	24.41	25.5	0.0
Channel								
Frequency (MHz)				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
2506.02 2592.99 2679.99								
20	QPSK	1	1	24.38	24.38	24.35	25.5	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	PI2 BPSK	1	1	15.59	15.62	15.57	17.0	0.0
100	PI2 BPSK	1	137	15.57	15.72	15.63		
100	PI2 BPSK	1	271	15.59	15.71	15.54		
100	PI2 BPSK	135	0	15.55	15.75	15.61		
100	PI2 BPSK	135	69	15.67	15.65	15.54	17.0	0.0
100	PI2 BPSK	135	138	15.57	15.66	15.61	17.0	0.0
100	PI2 BPSK	270	0	15.63	15.66	15.63	17.0	0.0
100	QPSK	1	1	15.70	15.76	15.58		
100	QPSK	1	137	15.55	15.71	15.62		
100	QPSK	1	271	15.67	15.67	15.55		
100	QPSK	135	0	15.63	15.64	15.54	17.0	0.0
100	QPSK	135	69	15.65	15.71	15.62		
100	QPSK	135	138	15.60	15.64	15.57		
100	QPSK	270	0	15.61	15.69	15.64		
100	16QAM	1	1	15.56	15.69	15.60	17.0	0.0
100	64QAM	1	1	15.61	15.70	15.58	17.0	0.0
100	256QAM	1	1	15.56	15.66	15.66	17.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.58	15.74	15.60	17.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.58	15.68	15.54	17.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.58	15.67	15.54	17.0	0.0
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.67	15.71	15.57	17.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.55	15.68	15.67	17.0	0.0
Channel				503200	518598	533998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.62	15.74	15.53	17.0	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.55	15.69	15.60	17.0	0.0
Channel				501200	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.68	15.74	15.64	17.0	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	PI2 BPSK	1	1	15.59	15.62	15.67	17.0	0.0
100	PI2 BPSK	1	137	15.57	15.72	15.83		
100	PI2 BPSK	1	271	15.59	15.71	15.54		
100	PI2 BPSK	135	0	15.55	15.75	15.81	17.0	0.0
100	PI2 BPSK	135	69	15.67	15.65	15.54	17.0	0.0
100	PI2 BPSK	135	138	15.57	15.66	15.61	17.0	0.0
100	PI2 BPSK	270	0	15.63	15.66	15.63	17.0	0.0
100	QPSK	1	1	15.70	15.75	16.26		
100	QPSK	1	137	15.55	15.71	15.82		
100	QPSK	1	271	15.67	15.67	15.55	17.0	0.0
100	QPSK	135	0	15.63	15.64	15.54		
100	QPSK	135	69	15.65	15.71	15.62		
100	QPSK	135	138	15.60	15.64	15.57	17.0	0.0
100	QPSK	270	0	15.61	15.69	15.64		
100	16QAM	1	1	15.56	15.69	15.80		
100	64QAM	1	1	15.61	15.70	15.58	17.0	0.0
100	256QAM	1	1	15.56	15.66	15.66	17.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.58	15.74	15.60	17.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.58	15.68	15.54	17.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.58	15.67	15.54	17.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.67	15.71	15.57	17.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.55	15.68	15.67	17.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.62	15.74	15.53	17.0	0.0
Channel				502200	518598	535000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.55	15.69	15.60	17.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.68	15.74	15.64	17.0	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	PI2 BPSK	1	1	16.31	16.37	16.26	17.5	0.0
100	PI2 BPSK	1	137	16.31	16.31	16.34		
100	PI2 BPSK	1	271	16.36	16.30	16.29		
100	PI2 BPSK	135	0	16.31	16.27	16.27	17.5	0.0
100	PI2 BPSK	135	69	16.24	16.38	16.22	17.5	0.0
100	PI2 BPSK	135	138	16.33	16.40	16.27	17.5	0.0
100	PI2 BPSK	270	0	16.29	16.33	16.33	17.5	0.0
100	QPSK	1	1	16.37	16.42	16.35		
100	QPSK	1	137	16.28	16.28	16.30		
100	QPSK	1	271	16.36	16.36	16.29	17.5	0.0
100	QPSK	135	0	16.35	16.27	16.29		
100	QPSK	135	69	16.36	16.40	16.31		
100	QPSK	135	138	16.24	16.39	16.21	17.5	0.0
100	QPSK	270	0	16.32	16.35	16.26		
100	16QAM	1	1	16.23	16.35	16.29		
100	64QAM	1	1	16.24	16.33	16.21	17.5	0.0
100	256QAM	1	1	16.23	16.28	16.24	17.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.26	16.37	16.24	17.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.24	16.29	16.23	17.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.29	16.35	16.29	17.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.26	16.34	16.20	17.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.28	16.33	16.25	17.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.22	16.37	16.33	17.5	0.0
Channel				502200	518598	535000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.23	16.27	16.30	17.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.35	16.38	16.25	17.5	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	PI2 BPSK	1	1	16.31	16.37	16.26	17.5	0.0
100	PI2 BPSK	1	137	16.31	16.31	16.34		
100	PI2 BPSK	1	271	16.36	16.30	16.29		
100	PI2 BPSK	135	0	16.31	16.27	16.27	17.5	0.0
100	PI2 BPSK	135	69	16.24	16.38	16.22	17.5	0.0
100	PI2 BPSK	135	138	16.33	16.40	16.27	17.5	0.0
100	PI2 BPSK	270	0	16.29	16.33	16.33	17.5	0.0
100	QPSK	1	1	16.37	16.42	16.35		
100	QPSK	1	137	16.28	16.28	16.30		
100	QPSK	1	271	16.36	16.36	16.29	17.5	0.0
100	QPSK	135	0	16.35	16.27	16.29		
100	QPSK	135	69	16.36	16.40	16.31		
100	QPSK	135	138	16.24	16.39	16.21	17.5	0.0
100	QPSK	270	0	16.32	16.35	16.26		
100	16QAM	1	1	16.23	16.35	16.29		
100	64QAM	1	1	16.24	16.33	16.21	17.5	0.0
100	256QAM	1	1	16.23	16.28	16.24	17.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.26	16.37	16.24	17.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.24	16.29	16.23	17.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.29	16.35	16.29	17.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.26	16.34	16.20	17.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.28	16.33	16.25	17.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.22	16.37	16.33	17.5	0.0
Channel				502200	518598	535000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.23	16.27	16.30	17.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.35	16.38	16.25	17.5	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				638000	641666	645332		
Frequency (MHz)				3670	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.60	15.66	15.65	16.5	0.0
40	PI/2 BPSK	1	53	15.57	15.73	15.54		
40	PI/2 BPSK	1	104	15.68	15.71	15.56		
40	PI/2 BPSK	50	0	15.69	15.70	15.56		
40	PI/2 BPSK	50	28	15.71	15.71	15.62	16.5	0.0
40	PI/2 BPSK	50	56	15.59	15.69	15.58	16.5	0.0
40	PI/2 BPSK	100	0	15.68	15.65	15.63	16.5	0.0
40	QPSK	1	1	15.72	15.77	15.86		
40	QPSK	1	53	15.64	15.69	15.67		
40	QPSK	1	104	15.69	15.72	15.61		
40	QPSK	50	0	15.58	15.69	15.54	16.5	0.0
40	QPSK	50	28	15.69	15.75	15.63		
40	QPSK	50	56	15.59	15.73	15.60		
40	QPSK	100	0	15.67	15.70	15.57		
40	16QAM	1	1	15.63	15.73	15.66	16.5	0.0
40	64QAM	1	1	15.66	15.74	15.66	16.5	0.0
40	256QAM	1	1	15.65	15.71	15.61	16.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3660.01	3624.99	3690	(dB)	(dB)
20	QPSK	1	1	15.60	15.68	15.58	16.5	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	16.02	15.94	16.01	17.0	0.0
40	PI/2 BPSK	1	53	15.95	15.93	15.90		
40	PI/2 BPSK	1	104	15.97	16.03	15.92		
40	PI/2 BPSK	50	0	15.97	15.93	15.87		
40	PI/2 BPSK	50	28	15.91	16.00	15.95	17.0	0.0
40	PI/2 BPSK	50	56	15.98	16.04	16.01	17.0	0.0
40	PI/2 BPSK	100	0	15.91	16.01	15.92	17.0	0.0
40	QPSK	1	1	16.05	16.03	16.02		
40	QPSK	1	53	16.03	16.05	15.92		
40	QPSK	1	104	15.99	16.06	16.01		
40	QPSK	50	0	15.94	16.01	15.95	17.0	0.0
40	QPSK	50	28	15.95	16.05	16.00		
40	QPSK	50	56	15.90	16.03	15.97		
40	QPSK	100	0	15.92	16.03	15.89		
40	16QAM	1	1	16.04	15.99	15.96	17.0	0.0
40	64QAM	1	1	15.93	16.07	15.99	17.0	0.0
40	256QAM	1	1	15.93	16.04	15.99	17.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)
20	QPSK	1	1	15.91	16.02	15.95	17.0	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				638000	641666	645332		
Frequency (MHz)				3670	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.52	15.59	15.57	16.5	0.0
40	PI/2 BPSK	1	53	15.54	15.64	15.57		
40	PI/2 BPSK	1	104	15.59	15.62	15.53		
40	PI/2 BPSK	50	0	15.61	15.66	15.59		
40	PI/2 BPSK	50	28	15.55	15.55	15.55	16.5	0.0
40	PI/2 BPSK	50	56	15.50	15.68	15.54	16.5	0.0
40	PI/2 BPSK	100	0	15.50	15.69	15.51	16.5	0.0
40	QPSK	1	1	15.65	15.70	15.63		
40	QPSK	1	53	15.52	15.59	15.62		
40	QPSK	1	104	15.52	15.62	15.48		
40	QPSK	50	0	15.60	15.61	15.58	16.5	0.0
40	QPSK	50	28	15.63	15.69	15.60		
40	QPSK	50	56	15.62	15.60	15.59		
40	QPSK	100	0	15.53	15.64	15.54		
40	16QAM	1	1	15.55	15.66	15.51	16.5	0.0
40	64QAM	1	1	15.58	15.58	15.49	16.5	0.0
40	256QAM	1	1	15.51	15.57	15.52	16.5	0.0
Channel				3560.01	3624.99	3690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3660.01	3624.99	3690		
20	QPSK	1	1	15.61	15.62	15.62	16.5	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				636000	641666	645332	17.0	0.0
Frequency (MHz)				3570	3624.99	3679.98		
40	PV2 BPSK	1	1	15.84	15.79	15.85		
40	PV2 BPSK	1	53	15.79	15.90	15.76		
40	PV2 BPSK	1	104	15.77	15.88	15.79	17.0	0.0
40	PV2 BPSK	50	0	15.75	15.81	15.81		
40	PV2 BPSK	50	28	15.81	15.78	15.89		
40	PV2 BPSK	50	56	15.73	15.92	15.75		
40	PV2 BPSK	100	0	15.79	15.91	15.80	17.0	0.0
40	QPSK	1	1	15.86	15.93	15.90		
40	QPSK	1	53	15.80	15.76	15.76		
40	QPSK	1	104	15.77	15.83	15.75		
40	QPSK	50	0	15.73	15.84	15.79	17.0	0.0
40	QPSK	50	28	15.84	15.86	15.82		
40	QPSK	50	56	15.74	15.81	15.80		
40	QPSK	100	0	15.75	15.83	15.78		
40	16QAM	1	1	15.73	15.87	15.79	17.0	0.0
40	64QAM	1	1	15.77	15.81	15.77		
40	256QAM	1	1	15.79	15.89	15.89		
Channel				637334	641666	646000	17.0	0.0
Frequency (MHz)				3580.01	3624.99	3669		
20	QPSK	1	1	15.76	15.89	15.81		

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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				640000	641666	645332	18.0	0.0
Frequency (MHz)				3600	3624.99	3649.98		
100	PV2 BPSK	1	1	16.90	16.99	17.04		
100	PV2 BPSK	1	137	16.95	16.99	16.95		
100	PV2 BPSK	1	271	16.92	17.06	17.00	18.0	0.0
100	PV2 BPSK	135	0	16.95	17.05	17.00		
100	PV2 BPSK	135	69	16.95	17.08	17.05		
100	PV2 BPSK	135	138	16.95	17.06	16.94		
100	PV2 BPSK	270	0	17.01	17.03	17.01	18.0	0.0
100	QPSK	1	1	17.03	17.10	17.09		
100	QPSK	1	137	16.95	17.05	17.07		
100	QPSK	1	271	16.98	17.08	16.94		
100	QPSK	135	0	16.90	17.01	16.94	18.0	0.0
100	QPSK	135	69	17.00	17.08	17.05		
100	QPSK	135	138	16.96	17.05	17.02		
100	QPSK	270	0	16.99	17.06	16.94		
100	16QAM	1	1	16.95	17.06	17.06	18.0	0.0
100	64QAM	1	1	16.90	17.05	16.95		
100	256QAM	1	1	16.88	16.99	17.04		
Channel				639334	641666	644000	18.0	0.0
Frequency (MHz)				3593.01	3624.99	3600		
80	QPSK	1	1	16.99	16.95	17.06		
Channel				638668	641666	644666	18.0	0.0
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	16.97	17.08	16.98		
Channel				638000	641666	645332	18.0	0.0
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	16.90	16.97	17.00		
Channel				637668	641666	645666	18.0	0.0
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	16.99	16.99	17.03		
Channel				637334	641666	646000	18.0	0.0
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.02	16.95	17.00		

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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				633332			18.0	0.0
Frequency (MHz)				3499.98				
100	PV2 BPSK	1	1	16.91				
100	PV2 BPSK	1	137	16.87				
100	PV2 BPSK	1	271	16.89			18.0	0.0
100	PV2 BPSK	135	0	16.97				
100	PV2 BPSK	135	69	16.89				
100	PV2 BPSK	135	138	16.96				
100	PV2 BPSK	270	0	16.87			18.0	0.0
100	QPSK	1	1	17.00				
100	QPSK	1	137	16.96				
100	QPSK	1	271	16.95				
100	QPSK	135	0	16.92			18.0	0.0
100	QPSK	135	69	16.95				
100	QPSK	135	138	16.88				
100	QPSK	270	0	16.94				
100	16QAM	1	1	16.90			18.0	0.0
100	64QAM	1	1	16.96				
100	256QAM	1	1	16.85				
Channel				632668	633332	634000	18.0	0.0
Frequency (MHz)				3489.02	3499.98	3510		
80	QPSK	1	1	16.89	16.99	16.92		
Channel				632000	633332	634666	18.0	0.0
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.85	16.97	16.97		
Channel				631334	633332	635332	18.0	0.0
Frequency (MHz)				3473.01	3499.98	3529.98		
40	QPSK	1	1	16.92	16.96	16.87		
Channel				631000	633332	635666	18.0	0.0
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.94	16.91	16.92		
Channel				630668	633332	636000	18.0	0.0
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.85	16.86	16.91		

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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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.92	16.81	16.81	18.0	0.0
100	PI/2 BPSK	1	137	16.87	16.85	16.80		
100	PI/2 BPSK	1	271	16.87	16.80	16.89		
100	PI/2 BPSK	135	0	16.87	16.85	16.79		
100	PI/2 BPSK	135	69	16.85	16.89	16.67	18.0	0.0
100	PI/2 BPSK	135	138	16.96	16.84	16.80	18.0	0.0
100	PI/2 BPSK	270	0	16.87	16.79	16.72	18.0	0.0
100	QPSK	1	1	16.97	16.95	16.82		
100	QPSK	1	137	16.93	16.91	16.70		
100	QPSK	1	271	16.92	16.88	16.71		
100	QPSK	135	0	16.83	16.84	16.76	18.0	0.0
100	QPSK	135	69	16.94	16.90	16.79		
100	QPSK	135	138	16.91	16.87	16.75		
100	QPSK	270	0	16.90	16.86	16.71		
100	16QAM	1	1	16.94	16.79	16.68	18.0	0.0
100	64QAM	1	1	16.85	16.79	16.70	18.0	0.0
100	256QAM	1	1	16.88	16.91	16.80	18.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR
Frequency (MHz)				3743.01	3840	3929.99	(dB)	(dB)
80	QPSK	1	1	16.83	16.85	16.71	18.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	16.92	16.77	16.80	18.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	16.87	16.79	16.80	18.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	16.86	16.82	16.77	18.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	16.84	16.85	16.72	18.0	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				660000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	16.84	16.92	16.78	17.5	0.0
100	PI/2 BPSK	1	137	16.91	16.89	16.79		
100	PI/2 BPSK	1	271	16.87	16.94	16.88		
100	PI/2 BPSK	135	0	16.92	16.82	16.85		
100	PI/2 BPSK	135	69	16.90	16.92	16.89	17.5	0.0
100	PI/2 BPSK	135	138	16.88	16.89	16.81	17.5	0.0
100	PI/2 BPSK	270	0	16.80	16.82	16.83	17.5	0.0
100	QPSK	1	1	16.93	16.95	16.80		
100	QPSK	1	137	16.92	16.89	16.85		
100	QPSK	1	271	16.85	16.86	16.77		
100	QPSK	135	0	16.84	16.81	16.86	17.5	0.0
100	QPSK	135	69	16.91	16.95	16.88		
100	QPSK	135	138	16.90	16.87	16.80		
100	QPSK	270	0	16.86	16.93	16.84		
100	16QAM	1	1	16.88	16.86	16.82	17.5	0.0
100	64QAM	1	1	16.82	16.87	16.76	17.5	0.0
100	256QAM	1	1	16.91	16.84	16.81	17.5	0.0
Channel				659334	641666	644000	Tune-up limit (dBm)	MPR
Frequency (MHz)				3593.01	3624.99	3649.98	(dBm)	(dB)
80	QPSK	1	1	16.70	16.96	16.79	17.5	0.0
Channel				658668	641666	646666	Tune-up limit (dBm)	MPR
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)	(dB)
60	QPSK	1	1	16.78	16.86	16.81	17.5	0.0
Channel				658000	641666	645332	Tune-up limit (dBm)	MPR
Frequency (MHz)				3570	3624.99	3679.98	(dBm)	(dB)
40	QPSK	1	1	16.78	16.92	16.79	17.5	0.0
Channel				657668	641666	645666	Tune-up limit (dBm)	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)	(dB)
30	QPSK	1	1	16.89	16.86	16.88	17.5	0.0
Channel				657334	641666	646000	Tune-up limit (dBm)	MPR
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)
20	QPSK	1	1	16.85	16.81	16.75	17.5	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				633332	633332	633332		
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	1	16.74			17.5	0.0
100	PI/2 BPSK	1	137	16.84				
100	PI/2 BPSK	1	271	16.81				
100	PI/2 BPSK	135	0	16.83				
100	PI/2 BPSK	135	69	16.74			17.5	0.0
100	PI/2 BPSK	135	138	16.85			17.5	0.0
100	PI/2 BPSK	270	0	16.83			17.5	0.0
100	QPSK	1	1	16.98				
100	QPSK	1	137	16.76				
100	QPSK	1	271	16.76				
100	QPSK	135	0	16.81			17.5	0.0
100	QPSK	135	69	16.85				
100	QPSK	135	138	16.81				
100	QPSK	270	0	16.79				
100	16QAM	1	1	16.80			17.5	0.0
100	64QAM	1	1	16.77			17.5	0.0
100	256QAM	1	1	16.87			17.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.74	16.80	16.84	17.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.85	16.76	16.87	17.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.86	16.87	16.76	17.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.74	16.86	16.81	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.78	16.84	16.76	17.5	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				655000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.81	16.80	16.73	17.5	0.0
100	PI/2 BPSK	1	137	16.72	16.85	16.79		
100	PI/2 BPSK	1	271	16.73	16.77	16.72		
100	PI/2 BPSK	135	0	16.83	16.87	16.81	17.5	0.0
100	PI/2 BPSK	135	69	16.82	16.89	16.75	17.5	0.0
100	PI/2 BPSK	135	138	16.84	16.87	16.80	17.5	0.0
100	PI/2 BPSK	270	0	16.75	16.77	16.83	17.5	0.0
100	QPSK	1	1	16.87	16.86	16.84		
100	QPSK	1	137	16.84	16.76	16.80		
100	QPSK	1	271	16.75	16.86	16.78	17.5	0.0
100	QPSK	135	0	16.78	16.80	16.74		
100	QPSK	135	69	16.81	16.85	16.82		
100	QPSK	135	138	16.80	16.77	16.78	17.5	0.0
100	QPSK	270	0	16.77	16.82	16.72	17.5	0.0
100	16QAM	1	1	16.76	16.78	16.81	17.5	0.0
100	64QAM	1	1	16.83	16.89	16.72	17.5	0.0
100	256QAM	1	1	16.72	16.87	16.73	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.01	3840	3926.99	(dBm)	(dB)
80	QPSK	1	1	16.80	16.76	16.71	17.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	16.77	16.86	16.69	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	16.79	16.84	16.78	17.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	16.75	16.87	16.82	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	16.77	16.80	16.75	17.5	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				660000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	15.45	15.49	15.38	16.0	0.0
100	PI/2 BPSK	1	137	15.39	15.50	15.42		
100	PI/2 BPSK	1	271	15.47	15.52	15.41		
100	PI/2 BPSK	135	0	15.47	15.43	15.46	16.0	0.0
100	PI/2 BPSK	135	69	15.45	15.53	15.43	16.0	0.0
100	PI/2 BPSK	135	138	15.50	15.46	15.34	16.0	0.0
100	PI/2 BPSK	270	0	15.49	15.44	15.36	16.0	0.0
100	QPSK	1	1	15.52	15.55	15.46		
100	QPSK	1	137	15.39	15.43	15.35		
100	QPSK	1	271	15.41	15.53	15.48	16.0	0.0
100	QPSK	135	0	15.42	15.46	15.35		
100	QPSK	135	69	15.48	15.50	15.45		
100	QPSK	135	138	15.41	15.43	15.38	16.0	0.0
100	QPSK	270	0	15.39	15.42	15.41	16.0	0.0
100	16QAM	1	1	15.46	15.42	15.41	16.0	0.0
100	64QAM	1	1	15.42	15.54	15.46	16.0	0.0
100	256QAM	1	1	15.41	15.44	15.40	16.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3593.01	3624.99	3649.98	(dBm)	(dB)
80	QPSK	1	1	15.30	15.44	15.35	16.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)	(dB)
60	QPSK	1	1	15.48	15.50	15.34	16.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98	(dBm)	(dB)
40	QPSK	1	1	15.40	15.51	15.41	16.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)	(dB)
30	QPSK	1	1	15.38	15.43	15.39	16.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)
20	QPSK	1	1	15.51	15.47	15.47	16.0	0.0

Part27Q_n77_Ant 5

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				633332	633332	633332		
Frequency (MHz)				3499.98	3499.98	3499.98		
100	PI/2 BPSK	1	1		15.33		16.0	0.0
100	PI/2 BPSK	1	137		15.32			
100	PI/2 BPSK	1	271		15.32			
100	PI/2 BPSK	135	0		15.31		16.0	0.0
100	PI/2 BPSK	135	69		15.25		16.0	0.0
100	PI/2 BPSK	135	138		15.34		16.0	0.0
100	PI/2 BPSK	270	0		15.25		16.0	0.0
100	QPSK	1	1		15.49			
100	QPSK	1	137		15.29			
100	QPSK	1	271		15.35		16.0	0.0
100	QPSK	135	0		15.25			
100	QPSK	135	69		15.36			
100	QPSK	135	138		15.32		16.0	0.0
100	QPSK	270	0		15.28		16.0	0.0
100	16QAM	1	1		15.23		16.0	0.0
100	64QAM	1	1		15.29		16.0	0.0
100	256QAM	1	1		15.34		16.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.20	15.31	15.22	16.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.34	15.32	15.33	16.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.31	15.31	15.22	16.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.25	15.37	15.20	16.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.29	15.34	15.29	16.0	0.0

Part270_n77_Ant 5									
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				650000	656000	662000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3760	3840	3920			
100	PI/2 BPSK	1	1	15.38	15.38	15.41	16.0	0.0	
100	PI/2 BPSK	1	137	15.38	15.47	15.52			
100	PI/2 BPSK	1	271	15.29	15.36	15.34			
100	PI/2 BPSK	135	0	15.28	15.46	15.39			
100	PI/2 BPSK	135	69	15.38	15.34	15.38	16.0	0.0	
100	PI/2 BPSK	135	138	15.28	15.41	15.33	16.0	0.0	
100	PI/2 BPSK	270	0	15.31	15.39	15.33	16.0	0.0	
100	QPSK	1	1	15.41	15.48	15.42			
100	QPSK	1	137	15.32	15.44	15.36			
100	QPSK	1	271	15.34	15.34	15.29			
100	QPSK	135	0	15.36	15.34	15.34	16.0	0.0	
100	QPSK	135	69	15.37	15.45	15.39			
100	QPSK	135	138	15.32	15.35	15.27			
100	QPSK	270	0	15.36	15.39	15.36			
100	16QAM	1	1	15.37	15.38	15.38	16.0	0.0	
100	64QAM	1	1	15.37	15.38	15.40	16.0	0.0	
100	256QAM	1	1	15.26	15.42	15.39	16.0	0.0	
Channel				645334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3926.99	(dB)		
80	QPSK	1	1	15.25	15.43	15.40	16.0	0.0	
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98	(dBm)		
60	QPSK	1	1	15.30	15.45	15.38	16.0	0.0	
Channel				649090	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	(dBm)		
40	QPSK	1	1	15.37	15.38	15.35	16.0	0.0	
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.98	(dBm)		
30	QPSK	1	1	15.29	15.43	15.29	16.0	0.0	
Channel				647394	656000	664666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99	(dBm)		
20	QPSK	1	1	15.35	15.45	15.36	16.0	0.0	

Part96_n77_Ant 6									
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				640000	641666	643332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	15.60	15.72	15.62	16.5	0.0	
100	PI/2 BPSK	1	137	15.61	15.76	15.70			
100	PI/2 BPSK	1	271	15.68	15.75	15.67			
100	PI/2 BPSK	135	0	15.72	15.73	15.65			
100	PI/2 BPSK	135	69	15.63	15.74	15.66	16.5	0.0	
100	PI/2 BPSK	135	138	15.62	15.77	15.70	16.5	0.0	
100	PI/2 BPSK	270	0	15.73	15.69	15.63	16.5	0.0	
100	QPSK	1	1	15.75	15.84	15.77			
100	QPSK	1	137	15.70	15.82	15.76			
100	QPSK	1	271	15.72	15.68	15.68			
100	QPSK	135	0	15.72	15.72	15.64	16.5	0.0	
100	QPSK	135	69	15.63	15.79	15.65			
100	QPSK	135	138	15.65	15.75	15.68			
100	QPSK	270	0	15.61	15.76	15.63			
100	16QAM	1	1	15.60	15.74	15.69	16.5	0.0	
100	64QAM	1	1	15.62	15.68	15.65	16.5	0.0	
100	256QAM	1	1	15.72	15.72	15.65	16.5	0.0	
Channel				635334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.01	3624.99	3660	(dBm)		
80	QPSK	1	1	15.72	15.76	15.69	16.5	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)		
60	QPSK	1	1	15.62	15.76	15.64	16.5	0.0	
Channel				630000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3673.98	(dBm)		
40	QPSK	1	1	15.62	15.77	15.76	16.5	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)		
30	QPSK	1	1	15.74	15.77	15.71	16.5	0.0	
Channel				637394	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690	(dBm)		
20	QPSK	1	1	15.62	15.78	15.71	16.5	0.0	

Par27Q_n77_Ant 6									
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				6333.32					
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1	15.66			16.5	0.0	
100	PI/2 BPSK	1	137	15.67					
100	PI/2 BPSK	1	271	15.64					
100	PI/2 BPSK	135	0	15.67					
100	PI/2 BPSK	135	69	15.61			16.5	0.0	
100	PI/2 BPSK	135	138	15.60			16.5	0.0	
100	PI/2 BPSK	270	0	15.70			16.5	0.0	
100	QPSK	1	1	15.66					
100	QPSK	1	137	15.67					
100	QPSK	1	271	15.73					
100	QPSK	135	0	15.73			16.5	0.0	
100	QPSK	135	69	15.75					
100	QPSK	135	138	15.71					
100	QPSK	270	0	15.72					
100	16QAM	1	1	15.67			16.5	0.0	
100	64QAM	1	1	15.73			16.5	0.0	
100	256QAM	1	1	15.66			16.5	0.0	
Channel				632668	633332	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)	
80	QPSK	1	1	15.67	15.72	15.62	16.5	0.0	
Channel				632000	633332	634666	Tune-up limit	MPR	
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)	
60	QPSK	1	1	15.66	15.63	15.67	16.5	0.0	
Channel				631334	633332	635332	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)	
40	QPSK	1	1	15.67	15.71	15.63	16.5	0.0	
Channel				631000	633332	635666	Tune-up limit	MPR	
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)	
30	QPSK	1	1	15.70	15.68	15.66	16.5	0.0	
Channel				630666	633332	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)	
20	QPSK	1	1	15.79	15.70	15.74	16.5	0.0	

Part27O_n77_Ant 6									
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				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	15.58	15.79	15.62	16.5	0.0	
100	PI/2 BPSK	1	137	15.69	15.68	15.65			
100	PI/2 BPSK	1	271	15.69	15.78	15.82			
100	PI/2 BPSK	135	0	15.68	15.70	15.71			
100	PI/2 BPSK	135	69	15.72	15.72	15.76	16.5	0.0	
100	PI/2 BPSK	135	138	15.60	15.81	15.62	16.5	0.0	
100	PI/2 BPSK	270	0	15.69	15.69	15.71	16.5	0.0	
100	QPSK	1	1	15.73	15.66	15.77			
100	QPSK	1	137	15.65	15.72	15.70			
100	QPSK	1	271	15.68	15.81	15.84			
100	QPSK	135	0	15.65	15.76	15.74	16.5	0.0	
100	QPSK	135	69	15.66	15.81	15.71			
100	QPSK	135	138	15.71	15.81	15.71			
100	QPSK	270	0	15.61	15.76	15.84			
100	16QAM	1	1	15.72	15.70	15.66	16.5	0.0	
100	64QAM	1	1	15.68	15.79	15.69	16.5	0.0	
100	256QAM	1	1	15.59	15.73	15.75	16.5	0.0	
Channel				649334	656000	662666	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)	
80	QPSK	1	1	15.60	15.71	15.62	16.5	0.0	
Channel				648668	650000	663332	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)	
60	QPSK	1	1	15.62	15.79	15.67	16.5	0.0	
Channel				648000	650000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	15.62	15.67	15.72	16.5	0.0	
Channel				647668	650000	664332	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)	
30	QPSK	1	1	15.63	15.68	15.62	16.5	0.0	
Channel				647334	650000	668666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)	
20	QPSK	1	1	15.65	15.75	15.70	16.5	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				372000	376000	380000	24.5	0.0
Frequency (MHz)				1850	1880	1900		
20	Pi/2 BPSK	1	1	23.24	23.38	23.25	24.5	0.0
20	Pi/2 BPSK	1	53	23.14	23.22	23.18		
20	Pi/2 BPSK	1	104	23.15	23.19	23.16	24.0	0.5
20	Pi/2 BPSK	50	0	22.74	22.88	22.80		
20	Pi/2 BPSK	50	28	23.28	23.34	23.30	24.5	0.0
20	Pi/2 BPSK	50	56	22.70	22.84	22.72		
20	Pi/2 BPSK	100	0	22.67	22.73	22.69	24.0	0.5
20	QPSK	1	1	23.25	23.40	23.31		
20	QPSK	1	53	23.24	23.30	23.16	24.5	0.0
20	QPSK	1	104	23.16	23.18	23.07		
20	QPSK	50	0	22.26	22.29	22.22	23.5	1.0
20	QPSK	50	28	23.15	23.30	23.21		
20	QPSK	50	56	22.01	22.19	22.11	23.5	1.0
20	QPSK	100	0	22.08	22.22	22.12		
20	16QAM	1	1	22.07	22.11	22.06	23.5	1.0
20	16QAM	1	1	20.89	21.03	20.84		
20	256QAM	1	1	19.15	19.16	19.11	20.0	4.5
Channel				371500	376000	380500		
Frequency (MHz)				1857.5	1880	1902.5	24.5	0.0
15	QPSK	1	1	23.13	23.35	23.26		
Channel				371000	376000	381000	24.5	0.0
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.17	23.27	23.18	24.5	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1852.5	1880	1907.5	24.5	0.0
5	QPSK	1	1	23.15	23.35	23.21		

Reduced Power Mode for DSI6

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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				372000	376000	380000	18.5	0.0
Frequency (MHz)				1860	1880	1900		
20	Pi/2 BPSK	1	1	17.43	17.48	17.50	18.5	0.0
20	Pi/2 BPSK	1	53	17.49	17.46	17.48		
20	Pi/2 BPSK	1	104	17.44	17.47	17.47	18.5	0.0
20	Pi/2 BPSK	50	0	17.45	17.49	17.47		
20	Pi/2 BPSK	50	28	17.42	17.50	17.37	18.5	0.0
20	Pi/2 BPSK	50	56	17.49	17.58	17.44		
20	Pi/2 BPSK	100	0	17.45	17.49	17.47	18.5	0.0
20	QPSK	1	1	17.55	17.60	17.52		
20	QPSK	1	53	17.46	17.58	17.50	18.5	0.0
20	QPSK	1	104	17.42	17.52	17.45		
20	QPSK	50	0	17.41	17.50	17.41	18.5	0.0
20	QPSK	50	28	17.49	17.58	17.50		
20	QPSK	50	56	17.45	17.53	17.47	18.5	0.0
20	QPSK	100	0	17.43	17.55	17.46		
20	16QAM	1	1	17.50	17.48	17.49	18.5	0.0
20	16QAM	1	1	17.46	17.55	17.45		
20	256QAM	1	1	17.47	17.47	17.41	18.5	0.0
Channel				371500	376000	380500		
Frequency (MHz)				1857.5	1880	1902.5	18.5	0.0
15	QPSK	1	1	17.42	17.55	17.44		
Channel				371000	376000	381000	18.5	0.0
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.44	17.57	17.42	18.5	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1852.5	1880	1907.5	18.5	0.0
5	QPSK	1	1	17.47	17.58	17.49		

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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				372000	376000	380000	17.0	0.0
Frequency (MHz)				1860	1880	1900		
20	Pi/2 BPSK	1	1	15.61	15.71	15.58	17.0	0.0
20	Pi/2 BPSK	1	53	15.68	15.80	15.62		
20	Pi/2 BPSK	1	104	15.65	15.67	15.63	17.0	0.0
20	Pi/2 BPSK	50	0	15.67	15.77	15.62		
20	Pi/2 BPSK	50	28	15.65	15.76	15.59	17.0	0.0
20	Pi/2 BPSK	50	56	15.58	15.74	15.62		
20	Pi/2 BPSK	100	0	15.64	15.67	15.56	17.0	0.0
20	QPSK	1	1	15.73	15.82	15.70		
20	QPSK	1	53	15.64	15.81	15.55	17.0	0.0
20	QPSK	1	104	15.67	15.68	15.63		
20	QPSK	50	0	15.66	15.78	15.66	17.0	0.0
20	QPSK	50	28	15.69	15.80	15.69		
20	QPSK	50	56	15.61	15.69	15.65	17.0	0.0
20	QPSK	100	0	15.67	15.72	15.65		
20	16QAM	1	1	15.71	15.80	15.68	17.0	0.0
20	16QAM	1	1	15.64	15.77	15.58		
20	256QAM	1	1	15.60	15.73	15.67	17.0	0.0
Channel				371500	376000	380500		
Frequency (MHz)				1857.5	1880	1902.5	17.0	0.0
15	QPSK	1	1	15.58	15.76	15.69		
Channel				371000	376000	381000	17.0	0.0
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.72	15.74	15.59	17.0	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1852.5	1880	1907.5	17.0	0.0
5	QPSK	1	1	15.60	15.81	15.57		

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				166300	167300	167300	25.0	0.0
Frequency (MHz)				834	836.5	836		
20	PI2 BPSK	1	1	23.47	23.58	23.47	25.0	0.0
20	PI2 BPSK	1	53	23.40	23.53	23.42		
20	PI2 BPSK	1	104	23.40	23.51	23.39	24.5	0.5
20	PI2 BPSK	50	0	23.41	23.55	23.40		
20	PI2 BPSK	50	28	23.53	23.60	23.54	24.5	0.5
20	PI2 BPSK	50	56	23.48	23.57	23.48		
20	PI2 BPSK	100	0	23.47	23.58	23.45	25.0	0.0
20	QPSK	1	1	23.54	23.63	23.58		
20	QPSK	1	53	23.42	23.52	23.39	24.0	1.0
20	QPSK	1	104	23.41	23.35	23.40		
20	QPSK	50	0	23.03	23.12	23.02	25.0	0.0
20	QPSK	50	28	23.50	23.62	23.58		
20	QPSK	50	56	23.00	23.10	23.00	24.0	1.0
20	QPSK	100	0	23.06	23.15	23.01		
20	16QAM	1	1	23.10	23.18	23.05	24.0	1.0
20	16QAM	1	1	21.33	21.40	21.32		
20	256QAM	1	1	19.65	19.70	19.55	20.5	4.5
Channel				166300	167300	168300	25.0	0.0
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.49	23.51	23.43	25.0	0.0
Channel				165300	167300	168300		
Frequency (MHz)				829	836.5	844	25.0	0.0
10	QPSK	1	1	23.41	23.55	23.53		
Channel				165300	167300	169300	25.0	0.0
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.40	23.52	23.46	25.0	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				166300	167300	167300	23.0	0.0
Frequency (MHz)				834	836.5	836		
20	PI2 BPSK	1	1	21.68	21.67	21.65	23.0	0.0
20	PI2 BPSK	1	53	21.65	21.62	21.64		
20	PI2 BPSK	1	104	21.54	21.69	21.67	23.0	0.0
20	PI2 BPSK	50	0	21.58	21.67	21.58		
20	PI2 BPSK	50	28	21.58	21.65	21.63	23.0	0.0
20	PI2 BPSK	50	56	21.63	21.75	21.67		
20	PI2 BPSK	100	0	21.63	21.74	21.62	23.0	0.0
20	QPSK	1	1	21.69	21.79	21.72		
20	QPSK	1	53	21.65	21.66	21.65	23.0	0.0
20	QPSK	1	104	21.63	21.61	21.66		
20	QPSK	50	0	21.56	21.64	21.57	23.0	0.0
20	QPSK	50	28	21.66	21.75	21.66		
20	QPSK	50	56	21.64	21.66	21.59	23.0	0.0
20	QPSK	100	0	21.60	21.72	21.62		
20	16QAM	1	1	21.58	21.68	21.58	23.0	0.0
20	16QAM	1	1	21.60	21.67	21.60		
20	256QAM	1	1	19.40	19.47	19.30	20.5	2.5
Channel				166300	167300	168300	23.0	0.0
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.60	21.71	21.67	23.0	0.0
Channel				165300	167300	168300		
Frequency (MHz)				829	836.5	844	23.0	0.0
10	QPSK	1	1	21.60	21.74	21.62		
Channel				165300	167300	169300	23.0	0.0
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.66	21.70	21.57	23.0	0.0

n7_Ant 2

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				502000	507000	512000	24.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	23.65	23.69	23.65	24.5	0.0
20	PI2 BPSK	1	53	23.54	23.67	23.61		
20	PI2 BPSK	1	104	23.55	23.64	23.58	24.0	0.5
20	PI2 BPSK	50	0	22.98	23.20	22.98		
20	PI2 BPSK	50	28	23.53	23.63	23.48	24.0	0.5
20	PI2 BPSK	50	56	23.03	23.09	22.98		
20	PI2 BPSK	100	0	23.01	23.08	23.02	24.5	0.0
20	QPSK	1	1	23.71	23.76	23.70		
20	QPSK	1	53	23.62	23.75	23.63	23.5	1.0
20	QPSK	1	104	23.55	23.73	23.65		
20	QPSK	50	0	22.51	22.59	22.52	24.5	0.0
20	QPSK	50	28	23.58	23.62	23.50		
20	QPSK	50	56	22.62	22.66	22.51	23.5	1.0
20	QPSK	100	0	22.54	22.68	22.46		
20	16QAM	1	1	22.63	22.67	22.53	23.5	1.0
20	16QAM	1	1	20.44	20.78	20.57		
20	256QAM	1	1	19.28	19.37	19.27	20.0	4.5
Channel				501500	507000	512000	24.5	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.62	23.65	23.60	24.5	0.0
Channel				501000	507000	512000		
Frequency (MHz)				2505	2535	2565	24.5	0.0
10	QPSK	1	1	23.65	23.61	23.63		
Channel				500500	507000	513600	24.5	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.58	23.61	23.60	24.5	0.0

n7_Ant 3

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				50200	50700	51200	15.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	14.74	14.82	14.76	15.5	0.0
20	PI2 BPSK	1	53	14.74	14.88	14.75		
20	PI2 BPSK	1	104	14.70	14.87	14.86	15.5	0.0
20	PI2 BPSK	50	0	14.81	14.75	14.83		
20	PI2 BPSK	50	28	14.74	14.76	14.83	15.5	0.0
20	PI2 BPSK	50	56	14.78	14.84	14.74		
20	PI2 BPSK	100	0	14.80	14.75	14.84	15.5	0.0
20	QPSK	1	1	14.83	14.90	14.88		
20	QPSK	1	53	14.72	14.84	14.80	15.5	0.0
20	QPSK	1	104	14.68	14.75	14.81		
20	QPSK	50	0	14.74	14.78	14.82	15.5	0.0
20	QPSK	50	28	14.80	14.88	14.86		
20	QPSK	50	56	14.69	14.78	14.78	15.5	0.0
20	QPSK	100	0	14.71	14.86	14.77		
20	16QAM	1	1	14.80	14.78	14.78	15.5	0.0
20	64QAM	1	1	14.71	14.87	14.82		
20	256QAM	1	1	14.79	14.83	14.86	15.5	0.0
Channel				501500	507000	512500		
Frequency (MHz)				2507.5	2535	2562.5	15.5	0.0
15	QPSK	1	1	14.76	14.86	14.83		
Channel				501000	507000	513000	15.5	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.79	14.87	14.75	15.5	0.0
Channel				500500	507000	513500		
Frequency (MHz)				2502.5	2535	2567.5	15.5	0.0
5	QPSK	1	1	14.74	14.82	14.80		

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				50200	50700	51200	16.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	15.74	15.89	15.83	16.5	0.0
20	PI2 BPSK	1	53	15.71	15.88	15.81		
20	PI2 BPSK	1	104	15.73	15.87	15.75	16.5	0.0
20	PI2 BPSK	50	0	15.87	15.83	15.81		
20	PI2 BPSK	50	28	15.75	15.90	15.78	16.5	0.0
20	PI2 BPSK	50	56	15.87	15.91	15.75		
20	PI2 BPSK	100	0	15.80	15.85	15.71	16.5	0.0
20	QPSK	1	1	15.82	15.96	15.82		
20	QPSK	1	53	15.74	15.86	15.73	16.5	0.0
20	QPSK	1	104	15.71	15.86	15.74		
20	QPSK	50	0	15.75	15.86	15.78	16.5	0.0
20	QPSK	50	28	15.80	15.91	15.84		
20	QPSK	50	56	15.72	15.90	15.75	16.5	0.0
20	QPSK	100	0	15.72	15.86	15.80		
20	16QAM	1	1	15.80	15.88	15.74	16.5	0.0
20	64QAM	1	1	15.87	15.82	15.84		
20	256QAM	1	1	15.77	15.85	15.80	16.5	0.0
Channel				501500	507000	512500		
Frequency (MHz)				2507.5	2535	2562.5	16.5	0.0
15	QPSK	1	1	15.69	15.91	15.72		
Channel				501000	507000	513000	16.5	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.68	15.84	15.81	16.5	0.0
Channel				500500	507000	513500		
Frequency (MHz)				2502.5	2535	2567.5	16.5	0.0
5	QPSK	1	1	15.75	15.91	15.78		

n12_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				141500	141550	141700	25.0	0.0
Frequency (MHz)				708.5	707.5	708.5		
15	PI2 BPSK	1	1	23.32	23.51	23.41	25.0	0.0
15	PI2 BPSK	1	19	23.27	23.48	23.35		
15	PI2 BPSK	1	38	23.32	23.40	23.25	24.5	0.5
15	PI2 BPSK	18	0	23.33	23.40	23.25		
15	PI2 BPSK	18	10	23.47	23.52	23.40	24.5	0.5
15	PI2 BPSK	18	20	23.33	23.52	23.37		
15	PI2 BPSK	36	0	23.35	23.51	23.31	25.0	0.0
15	QPSK	1	1	23.43	23.55	23.53		
15	QPSK	1	19	23.31	23.44	23.28	24.0	1.0
15	QPSK	1	38	23.31	23.50	23.35		
15	QPSK	18	0	22.95	23.03	22.92	25.0	0.0
15	QPSK	18	10	23.43	23.51	23.44		
15	QPSK	18	20	22.94	23.00	22.86	24.0	1.0
15	QPSK	36	0	22.99	23.04	22.96		
15	16QAM	1	1	22.98	23.12	22.99	22.5	2.5
15	64QAM	1	1	21.27	21.31	21.18		
15	256QAM	1	1	19.55	19.61	19.42	20.5	4.5
Channel				140800	141500	142200		
Frequency (MHz)				704	707.5	711	25.0	0.0
10	QPSK	1	1	23.37	23.45	23.43		
Channel				140300	141550	142700	25.0	0.0
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.30	23.43	23.46	25.0	0.0

n12_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				141500	141500	141760			
Frequency (MHz)				738.5	737.5	738.5			
15	PI2 BPSK	1	1	20.57	20.52	20.43			
15	PI2 BPSK	1	19	20.57	20.56	20.46	22.0	0.0	
15	PI2 BPSK	1	36	20.50	20.45	20.44			
15	PI2 BPSK	16	0	20.56	20.48	20.46	22.0	0.0	
15	PI2 BPSK	18	10	20.57	20.49	20.46	22.0	0.0	
15	PI2 BPSK	18	20	20.57	20.50	20.37			
15	PI2 BPSK	36	0	20.47	20.57	20.45	22.0	0.0	
15	QPSK	1	1	20.59	20.60	20.52			
15	QPSK	1	19	20.46	20.54	20.47	22.0	0.0	
15	QPSK	1	36	20.55	20.59	20.45			
15	QPSK	18	0	20.48	20.53	20.45	22.0	0.0	
15	QPSK	18	10	20.52	20.59	20.50	22.0	0.0	
15	QPSK	18	20	20.43	20.47	20.41	22.0	0.0	
15	QPSK	36	0	20.48	20.57	20.48			
15	16QAM	1	1	20.54	20.53	20.49	22.0	0.0	
15	64QAM	1	1	20.56	20.45	20.37	22.0	0.0	
15	256QAM	1	1	19.42	19.48	19.27	20.5	1.5	
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	20.44	20.51	20.41	22.0	0.0	
Channel				142000	141500	142760	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	20.46	20.59	20.40	22.0	0.0	

n66_Ant 2									
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				345000	349000	353000			
Frequency (MHz)				1726	1745	1765			
30	PI2 BPSK	1	1	23.41	23.44	23.38			
30	PI2 BPSK	1	39	23.20	23.31	23.25	24.5	0.0	
30	PI2 BPSK	1	76	23.17	23.36	23.23			
30	PI2 BPSK	36	0	23.08	23.12	23.04	24.0	0.5	
30	PI2 BPSK	36	21	23.27	23.36	23.28	24.5	0.0	
30	PI2 BPSK	36	42	23.47	23.45	23.41	24.0	0.5	
30	PI2 BPSK	75	0	23.09	23.20	23.18			
30	QPSK	1	1	23.44	23.52	23.41			
30	QPSK	1	39	23.29	23.39	23.33	24.5	0.0	
30	QPSK	1	76	23.34	23.41	23.29			
30	QPSK	36	0	22.59	22.64	22.59	23.5	1.0	
30	QPSK	36	21	23.33	23.40	23.31	24.5	0.0	
30	QPSK	36	42	23.25	23.33	23.30	23.5	1.0	
30	QPSK	75	0	22.62	22.67	22.63			
30	16QAM	1	1	22.61	22.75	22.60	23.5	1.0	
30	64QAM	1	1	20.62	20.69	20.58	22.0	2.5	
30	256QAM	1	1	19.30	19.38	19.33	20.0	4.5	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.37	23.38	23.31	24.5	0.0	
Channel				345500	349000	350500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	23.36	23.44	23.29	24.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.30	23.47	23.36	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	23.29	23.47	23.34	24.5	0.0	

n66_Ant 3									
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					345000	349000	353000		
Frequency (MHz)					1725	1745	1765		
30	PI/2 BPSK	1	1		16.79	16.88	16.90	18.0	0.0
			39		16.89	16.99	16.81		
			76		16.83	16.91	16.95		
30	PI/2 BPSK	36	0		16.84	16.95	16.88	18.0	0.0
30	PI/2 BPSK	36	21		16.81	16.90	16.87	18.0	0.0
30	PI/2 BPSK	36	42		16.91	16.90	16.85	18.0	0.0
30	PI/2 BPSK	75	0		16.82	16.89	16.90		
30	QPSK	1	1		16.92	17.00	16.96		
30	QPSK	1	39		16.77	16.88	16.87	18.0	0.0
30	QPSK	1	76		16.89	16.95	16.89	18.0	0.0
30	QPSK	36	0		16.90	16.92	16.86		
30	QPSK	36	21		16.91	16.97	16.92		
30	QPSK	36	42		16.78	16.96	16.83	18.0	0.0
30	QPSK	75	0		16.84	16.94	16.89		
30	16QAM	1	1		16.79	16.95	16.81	18.0	0.0
30	64QAM	1	1		16.81	16.96	16.93	18.0	0.0
30	256QAM	1	1		16.79	16.88	16.87	18.0	0.0
Channel					344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					1720	1745	1770		
20	QPSK	1	1		16.89	16.97	16.92	18.0	0.0
Channel					343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					1717.5	1745	1772.5 <th colspan="2"></th>		
15	QPSK	1	1		16.83	16.90	16.90	18.0	0.0
Channel					343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					1715	1745	1775		
10	QPSK	1	1		16.85	16.88	16.84	18.0	0.0
Channel					342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					1712.5	1745	1777.5		
5	QPSK	1	1		16.87	16.95	16.95	18.0	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	353000			
Frequency (MHz)				1725	1745	1765			
30	PI/2 BPSK	1	1	16.89	16.88	16.79	18.0	0.0	
30	PI/2 BPSK	1	39	16.81	16.98	16.77			
30	PI/2 BPSK	1	76	16.88	16.86	16.91			
30	PI/2 BPSK	36	0	16.83	16.99	16.86	18.0	0.0	
30	PI/2 BPSK	36	21	16.85	16.87	16.84	18.0	0.0	
30	PI/2 BPSK	36	42	16.90	16.93	16.86	18.0	0.0	
30	PI/2 BPSK	75	0	16.81	16.86	16.80			
30	QPSK	1	1	16.94	17.00	16.92			
30	QPSK	1	39	16.85	16.90	16.79	18.0	0.0	
30	QPSK	1	76	16.91	16.95	16.81	18.0	0.0	
30	QPSK	36	0	16.86	16.92	16.86			
30	QPSK	36	21	16.91	16.97	16.88			
30	QPSK	36	42	16.90	16.90	16.81	18.0	0.0	
30	QPSK	75	0	16.89	16.98	16.84			
30	16QAM	1	1	16.90	16.93	16.79	18.0	0.0	
30	64QAM	1	1	16.85	16.88	16.87	18.0	0.0	
30	256QAM	1	1	16.84	16.92	16.82	18.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	16.89	16.85	16.80	18.0	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5 <th colspan="3"></th>			
15	QPSK	1	1	16.79	16.95	16.78	18.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	16.88	16.95	16.84	18.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	16.82	16.92	16.90	18.0	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	24.5	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	PI2 BPSK	1	1	23.27	23.33	23.18	24.5	0.0
40	PI2 BPSK	1	53	23.21	23.28	23.23		
40	PI2 BPSK	1	104	23.29	23.39	23.30		
40	PI2 BPSK	50	0	22.70	22.77	22.69	24.0	0.5
40	PI2 BPSK	50	28	23.08	23.20	23.10	24.5	0.0
40	PI2 BPSK	50	56	22.73	22.80	22.68	24.0	0.5
40	PI2 BPSK	100	0	22.06	22.20	22.14	24.5	0.0
40	QPSK	1	1	23.30	23.35	23.46		
40	QPSK	1	53	23.24	23.35	23.24		
40	QPSK	1	104	23.35	23.50	23.38	24.5	0.0
40	QPSK	50	0	22.52	22.58	22.51		
40	QPSK	50	28	23.34	23.38	23.33		
40	QPSK	50	56	22.60	22.52	22.57	23.5	1.0
40	QPSK	100	0	22.54	22.69	22.59		
40	16QAM	1	1	22.33	22.45	22.35	23.5	1.0
40	64QAM	1	1	20.47	20.53	20.44	22.0	2.5
40	256QAM	1	1	18.91	19.00	18.95	20.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99	24.5	0.0
30	QPSK	1	1	23.40	23.44	23.39		
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610	24.5	0.0
20	QPSK	1	1	23.40	23.51	23.37		

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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	16.0	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	PI2 BPSK	1	1	14.52	14.54	14.58	16.0	0.0
40	PI2 BPSK	1	53	14.46	14.62	14.56		
40	PI2 BPSK	1	104	14.56	14.51	14.45		
40	PI2 BPSK	50	0	14.53	14.63	14.66	16.0	0.0
40	PI2 BPSK	50	28	14.42	14.55	14.57	16.0	0.0
40	PI2 BPSK	50	56	14.44	14.57	14.59	16.0	0.0
40	PI2 BPSK	100	0	14.56	14.56	14.56	16.0	0.0
40	QPSK	1	1	14.57	14.65	14.60		
40	QPSK	1	53	14.53	14.51	14.45		
40	QPSK	1	104	14.44	14.63	14.55	16.0	0.0
40	QPSK	50	0	14.44	14.58	14.50		
40	QPSK	50	28	14.55	14.65	14.59		
40	QPSK	50	56	14.42	14.64	14.51	16.0	0.0
40	QPSK	100	0	14.50	14.60	14.52		
40	16QAM	1	1	14.44	14.63	14.54	16.0	0.0
40	64QAM	1	1	14.45	14.58	14.45	16.0	0.0
40	256QAM	1	1	14.42	14.61	14.47	16.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99	16.0	0.0
30	QPSK	1	1	14.51	14.65	14.52		
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610	16.0	0.0
20	QPSK	1	1	14.54	14.62	14.53		

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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	16.5	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	PI2 BPSK	1	1	15.12	15.25	15.27	16.5	0.0
40	PI2 BPSK	1	53	15.14	15.28	15.19		
40	PI2 BPSK	1	104	15.17	15.28	15.26		
40	PI2 BPSK	50	0	15.10	15.27	15.18	16.5	0.0
40	PI2 BPSK	50	28	15.20	15.20	15.26	16.5	0.0
40	PI2 BPSK	50	56	15.11	15.29	15.24	16.5	0.0
40	PI2 BPSK	100	0	15.16	15.21	15.16	16.5	0.0
40	QPSK	1	1	15.25	15.35	15.30		
40	QPSK	1	53	15.21	15.22	15.21		
40	QPSK	1	104	15.23	15.21	15.22	16.5	0.0
40	QPSK	50	0	15.11	15.31	15.20		
40	QPSK	50	28	15.18	15.33	15.28		
40	QPSK	50	56	15.13	15.24	15.25	16.5	0.0
40	QPSK	100	0	15.10	15.22	15.17		
40	16QAM	1	1	15.17	15.28	15.25	16.5	0.0
40	64QAM	1	1	15.17	15.23	15.21	16.5	0.0
40	256QAM	1	1	15.21	15.25	15.19	16.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99	16.5	0.0
30	QPSK	1	1	15.18	15.22	15.25		
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610	16.5	0.0
20	QPSK	1	1	15.10	15.31	15.24		

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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	24.5	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	23.42	23.47	23.48	24.5	0.0
100	PI2 BPSK	1	137	23.41	23.47	23.44		
100	PI2 BPSK	1	271	23.45	23.45	23.39		
100	PI2 BPSK	135	0	23.39	23.42	23.35		
100	PI2 BPSK	135	69	23.46	23.47	23.37	24.5	0.0
100	PI2 BPSK	135	138	23.38	23.54	23.44	24.5	0.0
100	PI2 BPSK	270	0	23.38	23.41	23.41	24.5	0.0
100	QPSK	1	1	23.53	23.57	23.50		
100	QPSK	1	137	23.48	23.48	23.38		
100	QPSK	1	271	23.51	23.40	23.48		
100	QPSK	135	0	23.24	23.29	23.25	24.5	0.0
100	QPSK	135	69	23.35	23.42	23.34		
100	QPSK	135	138	23.32	23.36	23.28		
100	QPSK	270	0	23.23	23.32	23.25		
100	16QAM	1	1	23.36	23.51	23.35	24.5	0.0
100	64QAM	1	1	21.40	21.48	21.33	23.0	1.5
100	256QAM	1	1	19.96	20.06	19.93	21.0	3.5
Channel				508200	518598	528996	24.5	0.0
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.34	23.35	23.25	24.5	0.0
Channel				507204	518598	529998	24.5	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.34	23.41	23.27	24.5	0.0
Channel				506202	518598	531000	24.5	0.0
Frequency (MHz)				2531.01	2592.99	2645		
70	QPSK	1	1	23.20	23.32	23.21	24.5	0.0
Channel				505200	518598	531996	24.5	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.30	23.32	23.20	24.5	0.0
Channel				504204	518598	532998	24.5	0.0
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.28	23.28	23.33	24.5	0.0
Channel				503202	518598	534000	24.5	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.33	23.36	23.19	24.5	0.0
Channel				502200	518598	535000	24.5	0.0
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.23	23.33	23.29	24.5	0.0
Channel				501204	518598	535998	24.5	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.32	23.29	23.27	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				509202	518598	528000	25.5	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	24.45	24.50	24.37	25.5	0.0
100	PI2 BPSK	1	137	24.38	24.45	24.39		
100	PI2 BPSK	1	271	24.29	24.42	24.33		
100	PI2 BPSK	135	0	23.76	23.85	23.77		
100	PI2 BPSK	135	69	24.35	24.40	24.25	25.5	0.0
100	PI2 BPSK	135	138	23.72	23.79	23.69	25.0	0.5
100	PI2 BPSK	270	0	23.72	23.81	23.68	25.5	0.0
100	QPSK	1	1	24.46	24.53	24.47		
100	QPSK	1	137	24.33	24.45	24.40		
100	QPSK	1	271	24.37	24.43	24.37		
100	QPSK	135	0	23.29	23.36	23.30	25.5	0.0
100	QPSK	135	69	24.31	24.38	24.31		
100	QPSK	135	138	23.32	23.40	23.33		
100	QPSK	270	0	23.23	23.32	23.25		
100	16QAM	1	1	23.36	23.51	23.35	24.5	1.0
100	64QAM	1	1	21.40	21.48	21.33	23.0	2.5
100	256QAM	1	1	19.96	20.06	19.93	21.0	4.5
Channel				508200	518598	528996	25.5	0.0
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.37	24.45	24.32	25.5	0.0
Channel				507204	518598	529998	25.5	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.43	24.47	24.42	25.5	0.0
Channel				506202	518598	531000	25.5	0.0
Frequency (MHz)				2531.01	2592.99	2645		
70	QPSK	1	1	24.40	24.38	24.42	25.5	0.0
Channel				505200	518598	531996	25.5	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.40	24.48	24.37	25.5	0.0
Channel				504204	518598	532998	25.5	0.0
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.36	24.44	24.36	25.5	0.0
Channel				503202	518598	534000	25.5	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.42	24.48	24.35	25.5	0.0
Channel				502200	518598	535000	25.5	0.0
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.33	24.40	24.41	25.5	0.0
Channel				501204	518598	535998	25.5	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.39	24.38	24.35	25.5	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	16.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	14.89	14.64	14.69	16.0	0.0
100	PI2 BPSK	1	137	14.83	14.71	14.55		
100	PI2 BPSK	1	271	14.71	14.65	14.65		
100	PI2 BPSK	135	0	14.58	14.60	14.57		
100	PI2 BPSK	135	69	14.65	14.68	14.58	16.0	0.0
100	PI2 BPSK	135	138	14.72	14.61	14.69	16.0	0.0
100	PI2 BPSK	270	0	14.61	14.67	14.58	16.0	0.0
100	QPSK	1	1	14.73	14.75	14.70		
100	QPSK	1	137	14.63	14.72	14.61		
100	QPSK	1	271	14.70	14.74	14.64		
100	QPSK	135	0	14.62	14.70	14.62	16.0	0.0
100	QPSK	135	69	14.71	14.74	14.68		
100	QPSK	135	138	14.70	14.70	14.66		
100	QPSK	270	0	14.70	14.71	14.62		
100	16QAM	1	1	14.70	14.71	14.58	16.0	0.0
100	64QAM	1	1	14.58	14.68	14.55	16.0	0.0
100	256QAM	1	1	14.63	14.63	14.56	16.0	0.0
Channel				508200	518598	528996	16.0	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.67	14.71	14.56	16.0	0.0
Channel				507204	518598	529998	16.0	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.63	14.70	14.58	16.0	0.0
Channel				506202	518598	531000	16.0	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.64	14.74	14.55	16.0	0.0
Channel				505200	518598	531996	16.0	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.62	14.65	14.69	16.0	0.0
Channel				504204	518598	532998	16.0	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.58	14.62	14.55	16.0	0.0
Channel				503202	518598	534000	16.0	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.59	14.67	14.65	16.0	0.0
Channel				502200	518598	535000	16.0	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.70	14.62	14.59	16.0	0.0
Channel				501204	518598	535998	16.0	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.61	14.63	14.61	16.0	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	16.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	14.69	14.64	14.69	16.0	0.0
100	PI2 BPSK	1	137	14.63	14.71	14.55		
100	PI2 BPSK	1	271	14.71	14.65	14.65		
100	PI2 BPSK	135	0	14.59	14.60	14.57		
100	PI2 BPSK	135	69	14.65	14.66	14.56	16.0	0.0
100	PI2 BPSK	135	138	14.72	14.61	14.69	16.0	0.0
100	PI2 BPSK	270	0	14.61	14.67	14.58	16.0	0.0
100	QPSK	1	1	14.73	14.72	14.70		
100	QPSK	1	137	14.63	14.72	14.61		
100	QPSK	1	271	14.70	14.74	14.64		
100	QPSK	135	0	14.62	14.70	14.62	16.0	0.0
100	QPSK	135	69	14.71	14.74	14.68		
100	QPSK	135	138	14.70	14.70	14.68		
100	QPSK	270	0	14.70	14.71	14.62		
100	16QAM	1	1	14.70	14.71	14.56	16.0	0.0
100	64QAM	1	1	14.58	14.68	14.55	16.0	0.0
100	256QAM	1	1	14.63	14.63	14.56	16.0	0.0
Channel				508200	518598	528996	16.0	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.67	14.71	14.56	16.0	0.0
Channel				507204	518598	529998	16.0	MPR
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.63	14.70	14.58	16.0	0.0
Channel				506202	518598	531000	16.0	MPR
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.64	14.74	14.55	16.0	0.0
Channel				505200	518598	531996	16.0	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.62	14.65	14.69	16.0	0.0
Channel				504204	518598	532996	16.0	MPR
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.58	14.62	14.55	16.0	0.0
Channel				503202	518598	534000	16.0	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.59	14.67	14.65	16.0	0.0
Channel				502200	518598	535000	16.0	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.70	14.62	14.59	16.0	0.0
Channel				501204	518598	535998	16.0	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.61	14.63	14.61	16.0	0.0

n41_Ant 4_PC3

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	16.5	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	15.28	15.39	15.23	16.5	0.0
100	PI2 BPSK	1	137	15.28	15.32	15.30		
100	PI2 BPSK	1	271	15.30	15.28	15.27		
100	PI2 BPSK	135	0	15.25	15.31	15.36		
100	PI2 BPSK	135	69	15.23	15.26	15.23	16.5	0.0
100	PI2 BPSK	135	138	15.25	15.30	15.22	16.5	0.0
100	PI2 BPSK	270	0	15.28	15.38	15.25	16.5	0.0
100	QPSK	1	1	15.32	15.40	15.37		
100	QPSK	1	137	15.27	15.36	15.36		
100	QPSK	1	271	15.24	15.27	15.26		
100	QPSK	135	0	15.24	15.33	15.22	16.5	0.0
100	QPSK	135	69	15.31	15.36	15.35		
100	QPSK	135	138	15.29	15.27	15.33		
100	QPSK	270	0	15.26	15.32	15.23		
100	16QAM	1	1	15.21	15.32	15.34	16.5	0.0
100	64QAM	1	1	15.20	15.31	15.35	16.5	0.0
100	256QAM	1	1	15.21	15.35	15.29	16.5	0.0
Channel				508200	518598	528996	16.5	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.25	15.30	15.30	16.5	0.0
Channel				507204	518598	529998	16.5	MPR
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.29	15.38	15.35	16.5	0.0
Channel				506202	518598	531000	16.5	MPR
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.20	15.37	15.32	16.5	0.0
Channel				505200	518598	531996	16.5	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.20	15.38	15.34	16.5	0.0
Channel				504204	518598	532996	16.5	MPR
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.28	15.28	15.30	16.5	0.0
Channel				503202	518598	534000	16.5	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.24	15.34	15.26	16.5	0.0
Channel				502200	518598	535000	16.5	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.28	15.30	15.28	16.5	0.0
Channel				501204	518598	535998	16.5	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.19	15.33	15.34	16.5	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	16.5	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	15.28	15.39	15.23	16.5	0.0
100	PI2 BPSK	1	137	15.28	15.32	15.30		
100	PI2 BPSK	1	271	15.30	15.28	15.27		
100	PI2 BPSK	135	0	15.25	15.31	15.36		
100	PI2 BPSK	135	69	15.23	15.26	15.23	16.5	0.0
100	PI2 BPSK	135	138	15.25	15.30	15.22	16.5	0.0
100	PI2 BPSK	270	0	15.28	15.39	15.25	16.5	0.0
100	QPSK	1	1	15.32	15.40	15.37		
100	QPSK	1	137	15.27	15.36	15.36		
100	QPSK	1	271	15.24	15.27	15.26		
100	QPSK	135	0	15.24	15.33	15.22	16.5	0.0
100	QPSK	135	69	15.31	15.36	15.35		
100	QPSK	135	138	15.29	15.27	15.33		
100	QPSK	270	0	15.26	15.32	15.23		
100	16QAM	1	1	15.21	15.32	15.34	16.5	0.0
100	64QAM	1	1	15.20	15.31	15.35	16.5	0.0
100	256QAM	1	1	15.21	15.35	15.29	16.5	0.0
Channel				508200	518598	528996	16.5	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.25	15.39	15.30	16.5	0.0
Channel				507204	518598	529998	16.5	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.29	15.38	15.35	16.5	0.0
Channel				506202	518598	531000	16.5	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.20	15.37	15.32	16.5	0.0
Channel				505200	518598	531996	16.5	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.20	15.38	15.34	16.5	0.0
Channel				504204	518598	532996	16.5	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.28	15.28	15.30	16.5	0.0
Channel				503202	518598	534000	16.5	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.24	15.34	15.26	16.5	0.0
Channel				502200	518598	535000	16.5	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.28	15.30	15.28	16.5	0.0
Channel				501204	518598	535998	16.5	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.19	15.33	15.34	16.5	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI2 BPSK	1	1	15.16	15.24	15.10	16.0	0.0
40	PI2 BPSK	1	53	15.14	15.15	15.07		
40	PI2 BPSK	1	104	15.16	15.17	15.16		
40	PI2 BPSK	50	0	15.23	15.18	15.21		
40	PI2 BPSK	50	28	15.21	15.19	15.10	16.0	0.0
40	PI2 BPSK	50	56	15.16	15.22	15.13	16.0	0.0
40	PI2 BPSK	100	0	15.19	15.18	15.17	16.0	0.0
40	QPSK	1	1	15.25	15.20	15.22		
40	QPSK	1	53	15.18	15.15	15.19		
40	QPSK	1	104	15.13	15.29	15.14		
40	QPSK	50	0	15.20	15.17	15.17	16.0	0.0
40	QPSK	50	28	15.23	15.29	15.20		
40	QPSK	50	56	15.16	15.27	15.15		
40	QPSK	100	0	15.14	15.23	15.09		
40	16QAM	1	1	15.14	15.28	15.09	16.0	0.0
40	64QAM	1	1	15.17	15.29	15.16	16.0	0.0
40	256QAM	1	1	15.23	15.26	15.09	16.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3680	(dB)	(dB)
20	QPSK	1	1	15.11	15.19	15.19	16.0	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				638000	641666	645332		
Frequency (MHz)				35700	3624.99	3679.98		
40	PI2 BPSK	1	1	15.49	15.60	15.50	16.5	0.0
40	PI2 BPSK	1	53	15.50	15.58	15.50		
40	PI2 BPSK	1	104	15.48	15.55	15.47		
40	PI2 BPSK	50	0	15.48	15.54	15.52		
40	PI2 BPSK	50	28	15.44	15.55	15.48	16.5	0.0
40	PI2 BPSK	50	56	15.46	15.59	15.51	16.5	0.0
40	PI2 BPSK	100	0	15.39	15.50	15.56	16.5	0.0
40	QPSK	1	1	15.53	15.61	15.57		
40	QPSK	1	53	15.41	15.54	15.43		
40	QPSK	1	104	15.45	15.49	15.43		
40	QPSK	50	0	15.48	15.59	15.45	16.5	0.0
40	QPSK	50	28	15.50	15.57	15.55		
40	QPSK	50	56	15.38	15.52	15.52		
40	QPSK	100	0	15.48	15.56	15.49		
40	16QAM	1	1	15.43	15.51	15.54	16.5	0.0
40	64QAM	1	1	15.44	15.52	15.53	16.5	0.0
40	256QAM	1	1	15.43	15.60	15.51	16.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3680		
20	QPSK	1	1	15.43	15.49	15.55	16.5	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI2 BPSK	1	1	15.05	15.06	15.07	16.0	0.0
40	PI2 BPSK	1	53	15.05	15.13	15.07		
40	PI2 BPSK	1	104	15.06	15.07	15.05		
40	PI2 BPSK	50	0	15.05	15.15	15.11		
40	PI2 BPSK	50	28	15.07	15.15	15.14	16.0	0.0
40	PI2 BPSK	50	56	14.98	15.14	15.14	16.0	0.0
40	PI2 BPSK	100	0	15.10	15.07	15.07	16.0	0.0
40	QPSK	1	1	15.11	15.16	15.18		
40	QPSK	1	53	15.03	15.12	15.13		
40	QPSK	1	104	15.04	15.10	15.01		
40	QPSK	50	0	14.99	15.07	15.10	16.0	0.0
40	QPSK	50	28	15.06	15.15	15.12		
40	QPSK	50	56	14.97	15.03	15.07		
40	QPSK	100	0	15.03	15.12	15.05		
40	16QAM	1	1	15.04	15.13	15.13	16.0	0.0
40	64QAM	1	1	15.02	15.13	15.11	16.0	0.0
40	256QAM	1	1	15.04	15.11	15.04	16.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3680		
20	QPSK	1	1	15.10	15.03	15.14	16.0	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				638000	641666	645332	16.0	0.0
Frequency (MHz)				3570	3624.99	3679.98		
40	PI2 BPSK	1	1	14.79	14.81	14.82	16.0	0.0
40	PI2 BPSK	1	53	14.83	14.83	14.85		
40	PI2 BPSK	1	104	14.79	14.86	14.83		
40	PI2 BPSK	50	0	14.86	14.87	14.76	16.0	0.0
40	PI2 BPSK	50	28	14.88	14.89	14.78	16.0	0.0
40	PI2 BPSK	50	56	14.86	14.85	14.74	16.0	0.0
40	PI2 BPSK	100	0	14.81	14.81	14.79	16.0	0.0
40	QPSK	1	1	14.91	14.92	14.86		
40	QPSK	1	53	14.85	14.84	14.85		
40	QPSK	1	104	14.88	14.85	14.87	16.0	0.0
40	QPSK	50	0	14.85	14.86	14.83		
40	QPSK	50	28	14.86	14.91	14.84		
40	QPSK	50	56	14.76	14.83	14.79	16.0	0.0
40	QPSK	100	0	14.83	14.86	14.76		
40	16QAM	1	1	14.81	14.84	14.84		
40	64QAM	1	1	14.82	14.91	14.76	16.0	0.0
40	256QAM	1	1	14.88	14.87	14.79	16.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR
Frequency (MHz)				3660.01	3624.99	3690	(dBm)	(dB)
20	QPSK	1	1	14.70	14.80	14.85	16.0	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				640000	641666	643332	17.0	0.0
Frequency (MHz)				3600	3624.99	3649.98		
100	PI2 BPSK	1	1	15.91	15.93	15.97	17.0	0.0
100	PI2 BPSK	1	137	16.01	15.96	15.91		
100	PI2 BPSK	1	271	16.00	16.04	15.97		
100	PI2 BPSK	135	0	15.96	15.94	15.85	17.0	0.0
100	PI2 BPSK	135	69	16.00	15.99	15.89	17.0	0.0
100	PI2 BPSK	135	138	15.87	16.04	15.89	17.0	0.0
100	PI2 BPSK	270	0	15.94	16.04	15.87	17.0	0.0
100	QPSK	1	1	16.02	16.05	16.00		
100	QPSK	1	137	15.95	15.98	15.85		
100	QPSK	1	271	15.93	15.85	15.99	17.0	0.0
100	QPSK	135	0	15.99	16.00	15.91		
100	QPSK	135	69	16.03	16.02	15.95		
100	QPSK	135	138	15.89	15.97	15.90	17.0	0.0
100	QPSK	270	0	15.96	16.00	15.85		
100	16QAM	1	1	15.91	15.91	15.86		
100	64QAM	1	1	15.93	15.98	15.97	17.0	0.0
100	256QAM	1	1	15.88	15.90	15.86	17.0	0.0
Channel				639334	641666	644000	Tune-up limit	MPR
Frequency (MHz)				3580.01	3624.99	3600	(dBm)	(dB)
80	QPSK	1	1	15.92	15.97	15.96	17.0	0.0
Channel				638668	641666	644666	Tune-up limit	MPR
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)	(dB)
60	QPSK	1	1	15.92	15.97	15.88	17.0	0.0
Channel				638000	641666	645332	Tune-up limit	MPR
Frequency (MHz)				3570	3624.99	3679.98	(dBm)	(dB)
40	QPSK	1	1	15.92	15.90	15.99	17.0	0.0
Channel				637668	641666	645666	Tune-up limit	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)	(dB)
30	QPSK	1	1	15.95	15.90	15.87	17.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR
Frequency (MHz)				3580.01	3624.99	3690	(dBm)	(dB)
20	QPSK	1	1	16.00	15.91	15.98	17.0	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				632000	633332	635000	17.0	0.0
Frequency (MHz)				3499.98				
100	PI2 BPSK	1	1	15.92			17.0	0.0
100	PI2 BPSK	1	137	15.92				
100	PI2 BPSK	1	271	15.96				
100	PI2 BPSK	135	0	15.83			17.0	0.0
100	PI2 BPSK	135	69	15.89			17.0	0.0
100	PI2 BPSK	135	138	15.83			17.0	0.0
100	PI2 BPSK	270	0	15.88			17.0	0.0
100	QPSK	1	1	15.96				
100	QPSK	1	137	15.89				
100	QPSK	1	271	15.85			17.0	0.0
100	QPSK	135	0	15.86				
100	QPSK	135	69	15.95				
100	QPSK	135	138	15.93			17.0	0.0
100	QPSK	270	0	15.92				
100	16QAM	1	1	15.85				
100	64QAM	1	1	15.87			17.0	0.0
100	256QAM	1	1	15.83			17.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3499.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.89	15.87	15.85	17.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.93	15.85	15.84	17.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3479.21	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.88	15.97	15.95	17.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.92	15.86	15.84	17.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3480.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.83	15.93	15.85	17.0	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				650000	656000	662000	17.0	0.0
Frequency (MHz)				3750	3640	3590		
100	Pi/2 BPSK	1	1	15.82	15.88	15.77		
100	Pi/2 BPSK	1	137	15.77	15.86	15.73		
100	Pi/2 BPSK	1	271	15.77	15.89	15.71	17.0	0.0
100	Pi/2 BPSK	135	0	15.78	15.78	15.75		
100	Pi/2 BPSK	135	69	15.79	15.88	15.83		
100	Pi/2 BPSK	135	138	15.76	15.75	15.80		
100	Pi/2 BPSK	270	0	15.78	15.82	15.81	17.0	0.0
100	QPSK	1	1	15.86	15.86	15.85		
100	QPSK	1	137	15.75	15.87	15.83		
100	QPSK	1	271	15.77	15.87	15.71		
100	QPSK	135	0	15.76	15.79	15.79	17.0	0.0
100	QPSK	135	69	15.83	15.85	15.81		
100	QPSK	135	138	15.80	15.81	15.71		
100	QPSK	270	0	15.81	15.82	15.76		
100	16QAM	1	1	15.79	15.80	15.82	17.0	0.0
100	64QAM	1	1	15.77	15.76	15.75		
100	256QAM	1	1	15.76	15.81	15.70		
Channel				649334	650000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3640	3598.99		
80	QPSK	1	1	15.84	15.79	15.82		
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3640	3649.98		
60	QPSK	1	1	15.73	15.76	15.74		
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3640	3660		
40	QPSK	1	1	15.78	15.80	15.73		
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3640	3664.98		
30	QPSK	1	1	15.84	15.85	15.76		
Channel				647334	650000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3640	3669.99		
20	QPSK	1	1	15.81	15.86	15.77		

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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				640000	641666	643332	17.0	0.0
Frequency (MHz)				3600	3624.99	3649.98		
100	Pi/2 BPSK	1	1	16.36	16.42	16.34		
100	Pi/2 BPSK	1	137	16.25	16.39	16.36		
100	Pi/2 BPSK	1	271	16.25	16.44	16.30	17.0	0.0
100	Pi/2 BPSK	135	0	16.33	16.38	16.32		
100	Pi/2 BPSK	135	69	16.38	16.34	16.34		
100	Pi/2 BPSK	135	138	16.33	16.37	16.28		
100	Pi/2 BPSK	270	0	16.31	16.30	16.29	17.0	0.0
100	QPSK	1	1	16.40	16.42	16.42		
100	QPSK	1	137	16.34	16.40	16.35		
100	QPSK	1	271	16.25	16.42	16.33		
100	QPSK	135	0	16.34	16.40	16.39	17.0	0.0
100	QPSK	135	69	16.39	16.42	16.40		
100	QPSK	135	138	16.37	16.33	16.28		
100	QPSK	270	0	16.28	16.40	16.27		
100	16QAM	1	1	16.33	16.42	16.39	17.0	0.0
100	64QAM	1	1	16.29	16.30	16.39		
100	256QAM	1	1	16.35	16.32	16.39		
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.01	3624.99	3650		
80	QPSK	1	1	16.33	16.43	16.34		
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3659.99		
60	QPSK	1	1	16.31	16.30	16.30		
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3673.98		
40	QPSK	1	1	16.32	16.34	16.28		
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	16.36	16.36	16.35		
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	16.28	16.37	16.37		

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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				632000	633332	634998	17.0	0.0
Frequency (MHz)				3480.02	3499.98	3510		
100	Pi/2 BPSK	1	1	16.24	16.24	16.24		
100	Pi/2 BPSK	1	137	16.22	16.22	16.22		
100	Pi/2 BPSK	1	271	16.23	16.23	16.23	17.0	0.0
100	Pi/2 BPSK	135	0	16.18	16.18	16.18		
100	Pi/2 BPSK	135	69	16.24	16.24	16.24		
100	Pi/2 BPSK	135	138	16.21	16.21	16.21		
100	Pi/2 BPSK	270	0	16.19	16.19	16.19	17.0	0.0
100	QPSK	1	1	16.35	16.35	16.35		
100	QPSK	1	137	16.21	16.21	16.21		
100	QPSK	1	271	16.25	16.25	16.25		
100	QPSK	135	0	16.22	16.22	16.22	17.0	0.0
100	QPSK	135	69	16.28	16.28	16.28		
100	QPSK	135	138	16.21	16.21	16.21		
100	QPSK	270	0	16.27	16.27	16.27		
100	16QAM	1	1	16.27	16.27	16.27	17.0	0.0
100	64QAM	1	1	16.18	16.18	16.18		
100	256QAM	1	1	16.28	16.28	16.28		
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3499.98	3510		
80	QPSK	1	1	16.19	16.19	16.24		
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.20	16.16	16.18		
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.19	16.26	16.23		
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.27	16.17	16.25		
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.22	16.19	16.20		

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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				650000	656000	662000	17.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI2 BPSK	1	1	16.25	16.34	16.12		
100	PI2 BPSK	1	137	16.30	16.34	16.15		
100	PI2 BPSK	1	271	16.10	16.32	16.24	17.0	0.0
100	PI2 BPSK	135	0	16.21	16.21	16.23		
100	PI2 BPSK	135	69	16.20	16.31	16.16		
100	PI2 BPSK	135	138	16.28	16.28	16.11		
100	PI2 BPSK	270	0	16.27	16.23	16.17	17.0	0.0
100	QPSK	1	1	16.31	16.36	16.25		
100	QPSK	1	137	16.26	16.35	16.22		
100	QPSK	1	271	16.18	16.31	16.12		
100	QPSK	135	0	16.22	16.25	16.12	17.0	0.0
100	QPSK	135	69	16.24	16.33	16.17		
100	QPSK	135	138	16.19	16.30	16.16		
100	QPSK	270	0	16.23	16.29	16.12		
100	16QAM	1	1	16.30	16.24	16.12	17.0	0.0
100	64QAM	1	1	16.27	16.33	16.11		
100	256QAM	1	1	16.27	16.28	16.10		
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3929.99	(dBm)	(dB)
80	QPSK	1	1	16.30	16.35	16.15	17.0	0.0
Channel				648668	656000	663332		
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	16.30	16.34	16.12		
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	16.16	16.34	16.11	17.0	0.0
Channel				647668	656000	664332		
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	16.17	16.24	16.18		
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	16.19	16.24	16.16	17.0	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				640000	641666	643332	15.0	0.0
Frequency (MHz)				3600	3624.99	3649.98		
100	PI2 BPSK	1	1	14.45	14.46	14.41		
100	PI2 BPSK	1	137	14.42	14.41	14.34		
100	PI2 BPSK	1	271	14.39	14.41	14.26	15.0	0.0
100	PI2 BPSK	135	0	14.42	14.47	14.31		
100	PI2 BPSK	135	69	14.37	14.43	14.32		
100	PI2 BPSK	135	138	14.35	14.35	14.38		
100	PI2 BPSK	270	0	14.35	14.39	14.38	15.0	0.0
100	QPSK	1	1	14.47	14.52	14.43		
100	QPSK	1	137	14.39	14.45	14.36		
100	QPSK	1	271	14.33	14.35	14.36		
100	QPSK	135	0	14.35	14.35	14.33	15.0	0.0
100	QPSK	135	69	14.40	14.43	14.39		
100	QPSK	135	138	14.38	14.36	14.38		
100	QPSK	270	0	14.35	14.40	14.36		
100	16QAM	1	1	14.35	14.38	14.34	15.0	0.0
100	64QAM	1	1	14.40	14.40	14.38		
100	256QAM	1	1	14.34	14.48	14.30		
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3650	(dBm)	(dB)
80	QPSK	1	1	14.34	14.49	14.35	15.0	0.0
Channel				638668	641666	646666		
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	14.46	14.38	14.40		
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98	(dBm)	(dB)
40	QPSK	1	1	14.32	14.41	14.37	15.0	0.0
Channel				637668	641666	645666		
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	14.36	14.43	14.41		
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)
20	QPSK	1	1	14.42	14.40	14.40	15.0	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				633000	633332	633666	15.0	0.0
Frequency (MHz)				3490.02	3499.98	3510		
100	PI2 BPSK	1	1	14.29				
100	PI2 BPSK	1	137	14.27				
100	PI2 BPSK	1	271	14.32			15.0	0.0
100	PI2 BPSK	135	0	14.24				
100	PI2 BPSK	135	69	14.26				
100	PI2 BPSK	135	138	14.26				
100	PI2 BPSK	270	0	14.26			15.0	0.0
100	QPSK	1	1	14.37				
100	QPSK	1	137	14.36				
100	QPSK	1	271	14.31				
100	QPSK	135	0	14.26			15.0	0.0
100	QPSK	135	69	14.35				
100	QPSK	135	138	14.23				
100	QPSK	270	0	14.32				
100	16QAM	1	1	14.32			15.0	0.0
100	64QAM	1	1	14.29				
100	256QAM	1	1	14.25				
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	14.35	14.22	14.28	15.0	0.0
Channel				632000	633332	634666		
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.25	14.35	14.36		
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	14.26	14.34	14.32	15.0	0.0
Channel				631000	633332	635666		
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.24	14.26	14.29		
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	14.28	14.28	14.28	15.0	0.0

Part270_n77_Ant 5									
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				650000	656000	662000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3760	3840	3920			
100	PI/2 BPSK	1	1	14.24	14.43	14.35	15.0	0.0	
100	PI/2 BPSK	1	137	14.35	14.33	14.37			
100	PI/2 BPSK	1	271	14.29	14.33	14.32			
100	PI/2 BPSK	135	0	14.22	14.44	14.32	15.0	0.0	
100	PI/2 BPSK	135	69	14.35	14.31	14.28	15.0	0.0	
100	PI/2 BPSK	135	138	14.29	14.39	14.26	15.0	0.0	
100	PI/2 BPSK	270	0	14.35	14.34	14.39	15.0	0.0	
100	QPSK	1	1	14.27	14.46	14.40			
100	QPSK	1	137	14.27	14.44	14.38			
100	QPSK	1	271	14.28	14.33	14.32	15.0	0.0	
100	QPSK	135	0	14.32	14.39	14.37			
100	QPSK	135	69	14.35	14.42	14.39			
100	QPSK	135	138	14.31	14.32	14.27	15.0	0.0	
100	QPSK	270	0	14.32	14.40	14.37			
100	16QAM	1	1	14.31	14.38	14.36	15.0	0.0	
100	64QAM	1	1	14.25	14.33	14.35	15.0	0.0	
100	256QAM	1	1	14.28	14.43	14.31	15.0	0.0	
Channel				645334	656000	662666	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)	
80	QPSK	1	1	14.22	14.31	14.36	15.0	0.0	
Channel				648668	656000	663332	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)	
60	QPSK	1	1	14.30	14.37	14.37	15.0	0.0	
Channel				649090	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	14.29	14.31	14.33	15.0	0.0	
Channel				647668	656000	664332	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)	
30	QPSK	1	1	14.26	14.39	14.32	15.0	0.0	
Channel				647394	656000	664666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)	
20	QPSK	1	1	14.28	14.45	14.28	15.0	0.0	

Part96_n77_Ant 6									
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				640000	641666	643332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	15.20	15.27	15.13	16.0	0.0	
100	PI/2 BPSK	1	137	15.10	15.17	15.12			
100	PI/2 BPSK	1	271	15.23	15.27	15.11			
100	PI/2 BPSK	135	0	15.19	15.18	15.13	16.0	0.0	
100	PI/2 BPSK	135	69	15.19	15.14	15.18	16.0	0.0	
100	PI/2 BPSK	135	138	15.22	15.23	15.08	16.0	0.0	
100	PI/2 BPSK	270	0	15.16	15.22	15.07	16.0	0.0	
100	QPSK	1	1	15.24	15.28	15.22			
100	QPSK	1	137	15.11	15.25	15.08			
100	QPSK	1	271	15.09	15.15	15.09	16.0	0.0	
100	QPSK	135	0	15.11	15.15	15.11			
100	QPSK	135	69	15.22	15.25	15.11			
100	QPSK	135	138	15.23	15.27	15.21	16.0	0.0	
100	QPSK	270	0	15.20	15.22	15.08			
100	16QAM	1	1	15.15	15.28	15.11	16.0	0.0	
100	64QAM	1	1	15.11	15.19	15.21	16.0	0.0	
100	256QAM	1	1	15.13	15.14	15.16	16.0	0.0	
Channel				635334	641666	644000	Tune-up limit	MPR	
Frequency (MHz)				3580.01	3624.99	3660	(dBm)	(dB)	
80	QPSK	1	1	15.21	15.19	15.10	15.0	0.0	
Channel				638668	641666	644666	Tune-up limit	MPR	
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)	(dB)	
60	QPSK	1	1	15.09	15.21	15.20	16.0	0.0	
Channel				630000	641666	645332	Tune-up limit	MPR	
Frequency (MHz)				3570	3624.99	3679.98	(dBm)	(dB)	
40	QPSK	1	1	15.15	15.18	15.08	16.0	0.0	
Channel				637668	641666	645666	Tune-up limit	MPR	
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)	(dB)	
30	QPSK	1	1	15.12	15.13	15.08	16.0	0.0	
Channel				637394	641666	646000	Tune-up limit	MPR	
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)	
20	QPSK	1	1	15.17	15.20	15.11	16.0	0.0	

Par27Q_n77_Ant 6								
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				6333.32				
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	1	15.16	15.16		16.0	0.0
100	PI/2 BPSK	1	137	15.14	15.14			
100	PI/2 BPSK	1	271	15.22	15.22		16.0	0.0
100	PI/2 BPSK	135	0	15.16	15.16			
100	PI/2 BPSK	135	69	15.17	15.17		16.0	0.0
100	PI/2 BPSK	135	138	15.16	15.16		16.0	0.0
100	PI/2 BPSK	270	0	15.21	15.21		16.0	0.0
100	QPSK	1	1	15.27	15.27			
100	QPSK	1	137	15.13	15.13		16.0	0.0
100	QPSK	1	271	15.15	15.15			
100	QPSK	135	0	15.13	15.13		16.0	0.0
100	QPSK	135	69	15.17	15.17			
100	QPSK	135	138	15.24	15.24		16.0	0.0
100	QPSK	270	0	15.12	15.12			
100	16QAM	1	1	15.14	15.14		16.0	0.0
100	64QAM	1	1	15.12	15.12		16.0	0.0
100	256QAM	1	1	15.20	15.20		16.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.23	15.16	15.12	16.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.25	15.21	15.22	16.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.21	15.24	15.14	16.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.15	15.16	15.15	16.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.20	15.16	15.18	16.0	0.0

Part27O_n77_Ant 6								
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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.14	15.11	15.15	16.0	0.0
100	PI/2 BPSK	1	137	15.19	15.16	15.03		
100	PI/2 BPSK	1	271	15.17	15.22	15.07	16.0	0.0
100	PI/2 BPSK	135	0	15.13	15.11	15.05		
100	PI/2 BPSK	135	69	15.14	15.20	15.12	16.0	0.0
100	PI/2 BPSK	135	138	15.06	15.20	15.05	16.0	0.0
100	PI/2 BPSK	270	0	15.06	15.24	15.13	16.0	0.0
100	QPSK	1	1	15.21	15.25	15.18		
100	QPSK	1	137	15.16	15.21	15.09	16.0	0.0
100	QPSK	1	271	15.14	15.12	15.15		
100	QPSK	135	0	15.10	15.18	15.03	16.0	0.0
100	QPSK	135	69	15.16	15.20	15.17		
100	QPSK	135	138	15.07	15.16	15.07	16.0	0.0
100	QPSK	270	0	15.13	15.15	15.07		
100	16QAM	1	1	15.06	15.20	15.15	16.0	0.0
100	64QAM	1	1	15.13	15.24	15.13	16.0	0.0
100	256QAM	1	1	15.08	15.23	15.15	16.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	15.07	15.21	15.10	16.0	0.0
Channel				648668	650000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	15.19	15.23	15.08	16.0	0.0
Channel				648000	650000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	15.06	15.18	15.11	16.0	0.0
Channel				647668	650000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	15.16	15.16	15.14	16.0	0.0
Channel				647334	650000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	15.16	15.11	15.09	16.0	0.0

Reduced Power Mode for DSI 7

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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				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	20.79	20.89	20.77	22.0	0.0	
20	PI/2 BPSK	1	53	20.78	20.86	20.73			
20	PI/2 BPSK	1	104	20.72	20.86	20.76	22.0	0.0	
20	PI/2 BPSK	50	0	20.76	20.93	20.75			
20	PI/2 BPSK	50	28	20.72	20.90	20.73	22.0	0.0	
20	PI/2 BPSK	50	56	20.76	20.90	20.74			
20	PI/2 BPSK	100	0	20.82	20.88	20.70	22.0	0.0	
20	QPSK	1	1	20.85	20.96	20.84			
20	QPSK	1	53	20.75	20.91	20.77	22.0	0.0	
20	QPSK	1	104	20.72	20.86	20.79			
20	QPSK	50	0	20.78	20.92	20.76	22.0	0.0	
20	QPSK	50	28	20.80	20.95	20.83			
20	QPSK	50	56	20.77	20.86	20.79	22.0	0.0	
20	QPSK	100	0	20.79	20.84	20.73			
20	16QAM	1	1	20.86	20.81	20.76	22.0	0.0	
20	64QAM	1	1	20.80	20.90	20.72			
20	256QAM	1	1	19.15	19.16	19.11	20.0	2.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1857.5	1860	1862.5	(dBm)	(dB)	
15	QPSK	1	1	20.72	20.95	20.74	22.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)	
10	QPSK	1	1	20.75	20.95	20.82	22.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1852.5	1860	1867.5	(dBm)	(dB)	
5	QPSK	1	1	20.80	20.82	20.71	22.0	0.0	

n2_Ant 3									
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				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	22.35	22.39	22.39	23.5	0.0	
20	PI/2 BPSK	1	53	22.31	22.41	22.31			
20	PI/2 BPSK	1	104	22.37	22.39	22.42	23.5	0.0	
20	PI/2 BPSK	50	0	22.36	22.45	22.37			
20	PI/2 BPSK	50	28	22.30	22.38	22.33	23.5	0.0	
20	PI/2 BPSK	50	56	22.39	22.38	22.36			
20	PI/2 BPSK	100	0	22.38	22.42	22.36	23.5	0.0	
20	QPSK	1	1	22.40	22.50	22.43			
20	QPSK	1	53	22.38	22.47	22.30	23.5	0.0	
20	QPSK	1	104	22.28	22.43	22.28			
20	QPSK	50	0	22.23	22.30	22.16	23.5	0.0	
20	QPSK	50	28	22.30	22.44	22.35			
20	QPSK	50	56	22.01	22.15	22.10	23.5	0.0	
20	QPSK	100	0	22.06	22.20	22.10			
20	16QAM	1	1	22.05	22.10	22.01	23.5	0.0	
20	64QAM	1	1	20.85	20.96	20.86		22.0	
20	256QAM	1	1	19.07	19.18	19.04	20.0	3.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1857.5	1860	1862.5	(dBm)	(dB)	
15	QPSK	1	1	22.35	22.47	22.29	23.5	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)	
10	QPSK	1	1	22.28	22.47	22.42	23.5	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1852.5	1860	1867.5	(dBm)	(dB)	
5	QPSK	1	1	22.32	22.38	22.32	23.5	0.0	

n2_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				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	21.52	21.63	21.48	23.0	0.0	
20	PI/2 BPSK	1	53	21.46	21.56	21.50			
20	PI/2 BPSK	1	104	21.51	21.63	21.60	23.0	0.0	
20	PI/2 BPSK	50	0	21.55	21.58	21.46			
20	PI/2 BPSK	50	28	21.55	21.54	21.48	23.0	0.0	
20	PI/2 BPSK	50	56	21.45	21.53	21.55			
20	PI/2 BPSK	100	0	21.55	21.61	21.55	23.0	0.0	
20	QPSK	1	1	21.57	21.68	21.61			
20	QPSK	1	53	21.47	21.64	21.48	23.0	0.0	
20	QPSK	1	104	21.55	21.58	21.55			
20	QPSK	50	0	21.45	21.62	21.54	23.0	0.0	
20	QPSK	50	28	21.49	21.64	21.57			
20	QPSK	50	56	21.47	21.57	21.52	23.0	0.0	
20	QPSK	100	0	21.44	21.58	21.54			
20	16QAM	1	1	21.46	21.67	21.52	23.0	0.0	
20	64QAM	1	1	20.18	20.28	20.17		22.0	
20	256QAM	1	1	18.62	18.77	18.63	20.0	3.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1857.5	1860	1862.5	(dBm)	(dB)	
15	QPSK	1	1	21.44	21.60	21.51	23.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)	
10	QPSK	1	1	21.51	21.56	21.54	23.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1852.5	1860	1867.5	(dBm)	(dB)	
5	QPSK	1	1	21.56	21.67	21.60	23.0	0.0	

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				166800	167300	167800	25.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	23.47	23.58	23.47		
20	PI2 BPSK	1	53	23.40	23.53	23.42	25.0	0.0
20	PI2 BPSK	1	104	23.46	23.51	23.36	24.5	0.5
20	PI2 BPSK	50	0	23.41	23.55	23.40	24.5	0.0
20	PI2 BPSK	50	28	23.53	23.60	23.54	25.0	0.0
20	PI2 BPSK	50	56	23.46	23.57	23.46	24.5	0.5
20	PI2 BPSK	100	0	23.47	23.58	23.45	24.5	0.5
20	QPSK	1	1	23.55	23.63	23.56	25.0	0.0
20	QPSK	1	53	23.42	23.52	23.36	24.0	1.0
20	QPSK	1	104	23.41	23.55	23.40	24.0	1.0
20	QPSK	50	0	23.03	23.12	23.02	24.0	1.0
20	QPSK	50	28	23.50	23.62	23.56	25.0	0.0
20	QPSK	50	56	23.00	23.10	23.00	24.0	1.0
20	QPSK	100	0	23.06	23.15	23.01	24.0	1.0
20	16QAM	1	1	23.10	23.18	23.05	24.0	1.0
20	64QAM	1	1	21.33	21.40	21.32	22.5	2.5
20	256QAM	1	1	19.65	19.70	19.55	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR
Frequency (MHz)				831.5	836.5	841.5	25.0	0.0
15	QPSK	1	1	23.49	23.51	23.43	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR
Frequency (MHz)				829	836.5	844	25.0	0.0
10	QPSK	1	1	23.41	23.55	23.53	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR
Frequency (MHz)				826.5	836.5	846.5	25.0	0.0
5	QPSK	1	1	23.40	23.52	23.46	25.0	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				166800	167300	167800	25.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	23.54	23.69	23.59		
20	PI2 BPSK	1	53	23.47	23.60	23.51	25.0	0.0
20	PI2 BPSK	1	104	23.55	23.60	23.30	24.5	0.5
20	PI2 BPSK	50	0	23.49	23.65	23.46	24.5	0.0
20	PI2 BPSK	50	28	23.60	23.70	23.64	25.0	0.0
20	PI2 BPSK	50	56	23.57	23.67	23.60	24.5	0.5
20	PI2 BPSK	100	0	23.57	23.67	23.58	24.5	0.5
20	QPSK	1	1	23.65	23.74	23.63	25.0	0.0
20	QPSK	1	53	23.53	23.61	23.48	24.0	1.0
20	QPSK	1	104	23.46	23.65	23.53	24.0	1.0
20	QPSK	50	0	23.08	23.27	23.17	24.0	1.0
20	QPSK	50	28	23.59	23.71	23.62	25.0	0.0
20	QPSK	50	56	23.14	23.18	23.15	24.0	1.0
20	QPSK	100	0	23.18	23.27	23.07	24.0	1.0
20	16QAM	1	1	23.21	23.27	23.18	24.0	1.0
20	64QAM	1	1	21.28	21.34	21.26	22.5	2.5
20	256QAM	1	1	19.50	19.57	19.40	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR
Frequency (MHz)				831.5	836.5	841.5	25.0	0.0
15	QPSK	1	1	23.55	23.60	23.51	25.0	0.0
Channel				165800	167300	169800	Tune-up limit (dBm)	MPR
Frequency (MHz)				829	836.5	844	25.0	0.0
10	QPSK	1	1	23.61	23.65	23.56	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR
Frequency (MHz)				826.5	836.5	846.5	25.0	0.0
5	QPSK	1	1	23.62	23.68	23.52	25.0	0.0

n7_Ant 2

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				502000	507000	512000	22.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	21.67	21.81	21.76	22.5	0.0
20	PI2 BPSK	1	53	21.68	21.74	21.78	22.5	0.0
20	PI2 BPSK	1	104	21.76	21.82	21.65	22.5	0.0
20	PI2 BPSK	50	0	21.75	21.74	21.71	22.5	0.0
20	PI2 BPSK	50	28	21.63	21.80	21.69	22.5	0.0
20	PI2 BPSK	50	56	21.72	21.72	21.69	22.5	0.0
20	PI2 BPSK	100	0	21.63	21.79	21.72	22.5	0.0
20	QPSK	1	1	21.77	21.85	21.80	22.5	0.0
20	QPSK	1	53	21.78	21.81	21.69	22.5	0.0
20	QPSK	1	104	21.67	21.78	21.74	22.5	0.0
20	QPSK	50	0	21.68	21.77	21.75	22.5	0.0
20	QPSK	50	28	21.76	21.80	21.76	22.5	0.0
20	QPSK	50	56	21.75	21.78	21.75	22.5	0.0
20	QPSK	100	0	21.63	21.77	21.75	22.5	0.0
20	16QAM	1	1	21.66	21.82	21.74	22.5	0.0
20	64QAM	1	1	20.64	20.78	20.57	22.0	0.5
20	256QAM	1	1	19.28	19.37	19.27	20.0	2.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR
Frequency (MHz)				2507.5	2535	2562.5	22.5	0.0
15	QPSK	1	1	21.69	21.76	21.71	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2505	2535	2565	22.5	0.0
10	QPSK	1	1	21.68	21.82	21.68	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR
Frequency (MHz)				2502.5	2535	2567.5	22.5	0.0
5	QPSK	1	1	21.70	21.69	21.69	22.5	0.0

n7_Ant 3								
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				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.52	21.56	21.38		
20	PI/2 BPSK	1	53	21.48	21.48	21.43	22.0	0.0
20	PI/2 BPSK	1	104	21.38	21.47	21.40	22.0	0.0
20	PI/2 BPSK	50	0	21.38	21.43	21.38	22.0	0.0
20	PI/2 BPSK	50	28	21.48	21.52	21.49	22.0	0.0
20	PI/2 BPSK	50	56	21.46	21.48	21.42	22.0	0.0
20	PI/2 BPSK	100	0	21.40	21.53	21.40	22.0	0.0
20	QPSK	1	1	21.53	21.56	21.51	22.0	0.0
20	QPSK	1	53	21.46	21.57	21.50		
20	QPSK	1	104	21.40	21.57	21.48		
20	QPSK	50	0	21.48	21.46	21.39	22.0	0.0
20	QPSK	50	28	21.50	21.56	21.46	22.0	0.0
20	QPSK	50	56	21.45	21.47	21.38	22.0	0.0
20	QPSK	100	0	21.41	21.51	21.49	22.0	0.0
20	16QAM	1	1	21.48	21.51	21.38	22.0	0.0
20	64QAM	1	1	20.86	21.00	20.86	22.0	0.0
20	256QAM	1	1	19.57	19.65	19.57	20.0	2.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	21.43	21.57	21.43	22.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	21.50	21.50	21.38	22.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	21.43	21.48	21.37	22.0	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				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.76	20.90	20.86		
20	PI/2 BPSK	1	53	20.81	20.91	20.77	21.5	0.0
20	PI/2 BPSK	1	104	20.86	20.92	20.75	21.5	0.0
20	PI/2 BPSK	50	0	20.80	20.89	20.87	21.5	0.0
20	PI/2 BPSK	50	28	20.78	20.94	20.78	21.5	0.0
20	PI/2 BPSK	50	56	20.82	20.97	20.75	21.5	0.0
20	PI/2 BPSK	100	0	20.86	20.97	20.77	21.5	0.0
20	QPSK	1	1	20.91	20.98	20.86	21.5	0.0
20	QPSK	1	53	20.79	20.92	20.86		
20	QPSK	1	104	20.78	20.91	20.85		
20	QPSK	50	0	20.84	20.89	20.81	21.5	0.0
20	QPSK	50	28	20.86	20.93	20.85	21.5	0.0
20	QPSK	50	56	20.84	20.90	20.83	21.5	0.0
20	QPSK	100	0	20.82	20.85	20.82	21.5	0.0
20	16QAM	1	1	20.86	20.96	20.74	21.5	0.0
20	64QAM	1	1	20.77	20.89	20.73	21.5	0.0
20	256QAM	1	1	19.04	19.15	19.08	20.0	1.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	20.76	20.97	20.75	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	20.90	20.91	20.78	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	20.89	20.93	20.80	21.5	0.0

n12_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				141300	141500	141700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.32	23.51	23.41		
15	PI/2 BPSK	1	19	23.27	23.48	23.35	25.0	0.0
15	PI/2 BPSK	1	36	23.32	23.49	23.35	24.5	0.5
15	PI/2 BPSK	18	0	23.33	23.40	23.35	25.0	0.0
15	PI/2 BPSK	18	10	23.47	23.52	23.40	24.5	0.5
15	PI/2 BPSK	18	20	23.33	23.52	23.37	24.5	0.5
15	PI/2 BPSK	36	0	23.35	23.51	23.31	25.0	0.0
15	QPSK	1	1	23.43	23.55	23.53	25.0	0.0
15	QPSK	1	19	23.31	23.44	23.28		
15	QPSK	1	36	23.31	23.50	23.35		
15	QPSK	18	0	22.95	23.03	22.92	24.0	1.0
15	QPSK	18	10	23.43	23.51	23.44	25.0	0.0
15	QPSK	18	20	22.94	23.00	22.86	24.0	1.0
15	QPSK	36	0	22.99	23.04	22.96	24.0	1.0
15	16QAM	1	1	22.98	23.12	22.99	24.0	1.0
15	64QAM	1	1	21.27	21.31	21.18	22.5	2.5
15	256QAM	1	1	19.55	19.61	19.42	20.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711	(dBm)	(dB)
10	QPSK	1	1	23.37	23.45	23.43	25.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)
5	QPSK	1	1	23.30	23.43	23.46	25.0	0.0

n12_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				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	PI/2 BPSK	1	1	23.25	23.38	23.28	25.0	0.0	
15	PI/2 BPSK	1	19	23.22	23.43	23.28			
15	PI/2 BPSK	1	38	23.26	23.29	23.20			
15	PI/2 BPSK	18	0	23.18	23.33	23.15			
15	PI/2 BPSK	18	10	23.36	23.42	23.31	25.0	0.0	
15	PI/2 BPSK	18	20	23.22	23.40	23.30	24.5	0.5	
15	PI/2 BPSK	36	0	23.28	23.37	23.16			
15	QPSK	1	1	23.37	23.48	23.39			
15	QPSK	1	19	23.20	23.36	23.13			
15	QPSK	1	38	23.23	23.44	23.30	25.0	0.0	
15	QPSK	18	0	22.86	22.90	22.87			
15	QPSK	18	10	23.09	23.44	23.38			
15	QPSK	18	20	22.83	22.90	22.79			
15	QPSK	36	0	22.91	22.99	22.82	24.0	1.0	
15	16QAM	1	1	22.92	22.99	22.85	24.0	1.0	
15	64QAM	1	1	21.19	21.18	21.03	22.5	2.5	
15	256QAM	1	1	19.42	19.48	19.27	20.5	4.5	
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	23.37	23.40	23.44		25.0	
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	23.38	23.46	23.48		25.0	

n66_Ant 2									
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				345000	349000	353000			
Frequency (MHz)				1725	1745	1765			
30	PI/2 BPSK	1	1	22.50	22.49	22.44	23.5	0.0	
30	PI/2 BPSK	1	39	22.45	22.46	22.50			
30	PI/2 BPSK	1	76	22.45	22.48	22.37			
30	PI/2 BPSK	36	0	22.45	22.47	22.39			
30	PI/2 BPSK	36	21	22.43	22.50	22.45	23.5	0.0	
30	PI/2 BPSK	36	42	22.54	22.54	22.37	23.5	0.0	
30	PI/2 BPSK	75	0	22.44	22.53	22.40			
30	QPSK	1	1	22.55	22.51	22.52			
30	QPSK	1	39	22.52	22.49	22.39			
30	QPSK	1	76	22.44	22.52	22.45	23.5	0.0	
30	QPSK	36	0	22.50	22.56	22.42			
30	QPSK	36	21	22.53	22.58	22.50			
30	QPSK	36	42	22.48	22.53	22.48			
30	QPSK	75	0	22.46	22.54	22.45	23.5	0.0	
30	16QAM	1	1	22.41	22.50	22.39	23.5	0.0	
30	64QAM	1	1	20.62	20.69	20.58	22.0	1.5	
30	256QAM	1	1	19.30	19.38	19.33	20.0	3.5	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	22.41	22.50	22.47		23.5	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	22.51	22.58	22.41		23.5	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1716	1745	1775			
10	QPSK	1	1	22.52	22.54	22.44		23.5	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	22.40	22.60	22.39		23.5	

n66_Ant 3										
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				345000	349000	353000				
Frequency (MHz)				1725	1745	1765				
30	PI2 BPSK	1	1	22.47	22.54	22.53	23.5	0.0		
30	PI2 BPSK	1	39	22.54	22.62	22.46				
30	PI2 BPSK	1	76	22.45	22.59	22.53				
30	PI2 BPSK	36	0	22.42	22.58	22.60	23.5			
30	PI2 BPSK	36	21	22.52	22.62	22.49	23.5			
30	PI2 BPSK	36	42	22.41	22.64	22.55	23.5			
30	PI2 BPSK	75	0	22.50	22.57	22.46	23.5			
30	QPSK	1	1	22.56	22.66	22.61	23.5	0.0		
30	QPSK	1	39	22.52	22.63	22.49				
30	QPSK	1	76	22.47	22.60	22.52				
30	QPSK	36	0	22.49	22.52	22.46	23.5			
30	QPSK	36	21	22.53	22.61	22.51	23.5			
30	QPSK	36	42	22.52	22.57	22.46	23.5			
30	QPSK	75	0	22.50	22.54	22.47	23.5			
30	16QAM	1	1	22.44	22.53	22.56	23.5			
30	64QAM	1	1	21.37	21.50	21.38	22.0			
30	256QAM	1	1	19.88	20.00	19.89	20.0			
Channel				344000	349000	354000	Tune-up limit	MPR		
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)		
20	QPSK	1	1	22.46	22.58	22.60	23.5	0.0		
Channel				343500	349000	354500	Tune-up limit	MPR		
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)		
15	QPSK	1	1	22.45	22.61	22.49	23.5	0.0		
Channel				343000	349000	355000	Tune-up limit	MPR		
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)		
10	QPSK	1	1	22.50	22.60	22.59	23.5	0.0		
Channel				342500	349000	355500	Tune-up limit	MPR		
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)		
5	QPSK	1	1	22.55	22.64	22.49	23.5	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				345000	349000	353000					
Frequency (MHz)				1725	1745	1765					
30	PI2 BPSK	1	1	22.45	22.48	22.47	23.5	0.0			
		1	39	22.45	22.56	22.53					
		1	76	22.43	22.52	22.44					
30	PI2 BPSK	36	0	22.48	22.47	22.49	23.5			0.0	
30	PI2 BPSK	36	21	22.44	22.50	22.50	23.5			0.0	
30	PI2 BPSK	36	42	22.41	22.52	22.41	23.5			0.0	
30	PI2 BPSK	75	0	22.48	22.50	22.52					
30	QPSK	1	1	22.52	22.60	22.55	23.5	0.0			
30	QPSK	1	39	22.47	22.51	22.44					
30	QPSK	1	76	22.40	22.47	22.46					
30	QPSK	36	0	22.37	22.47	22.41	23.5			0.0	
30	QPSK	36	21	22.51	22.54	22.53	23.5			0.0	
30	QPSK	36	42	22.39	22.49	22.52	23.5			0.0	
30	QPSK	75	0	22.49	22.49	22.45	23.5			0.0	
30	16QAM	1	1	22.28	22.40	22.33	23.5			0.0	
30	64QAM	1	1	20.65	20.79	20.68	22.0			1.5	
30	256QAM	1	1	19.19	19.25	19.16	20.0			3.5	
Channel				344000	349000	354000	Tune-up limit	MPR			
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)			
20	QPSK	1	1	22.37	22.50	22.49	23.5	0.0			
Channel				343500	349000	354500	Tune-up limit	MPR			
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)			
15	QPSK	1	1	22.44	22.49	22.49	23.5	0.0			
Channel				343000	349000	355000	Tune-up limit	MPR			
Frequency (MHz)				1715	1744	1775	(dBm)	(dB)			
10	QPSK	1	1	22.40	22.52	22.50	23.5	0.0			
Channel				342500	349000	355500	Tune-up limit	MPR			
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)			
5	QPSK	1	1	22.44	22.50	22.41	23.5	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.	Tuneup limit (dBm)	MPR (dB)	
Channel				518004	519000	519996	22.0	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	PI2 BPSK	1	1	20.95	20.99	20.94			
40	PI2 BPSK	1	53	20.90	21.00	20.97	22.0	0.0	
40	PI2 BPSK	1	104	20.97	21.00	20.97			
40	PI2 BPSK	50	0	20.97	21.01	20.88			
40	PI2 BPSK	50	28	20.90	20.94	20.94	22.0	0.0	
40	PI2 BPSK	50	56	20.93	20.95	20.96			
40	PI2 BPSK	100	0	20.96	20.94	20.97			
40	QPSK	1	1	21.02	21.07	20.98	22.0	0.0	
40	QPSK	1	53	20.97	21.03	20.97			
40	QPSK	1	104	20.99	21.05	20.89			
40	QPSK	50	0	20.88	20.96	20.87	22.0	0.0	
40	QPSK	50	28	20.99	21.04	20.98			
40	QPSK	50	56	20.96	21.01	20.96			
40	QPSK	100	0	20.92	21.02	20.95	22.0	0.0	
40	16QAM	1	1	20.89	20.98	20.98			
40	64QAM	1	1	20.41	20.47	20.38		22.0	2.0
40	256QAM	1	1	18.85	18.94	18.89			
Channel				517002	519000	520998	Tuneup limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	20.97	21.00	20.91			0.0
Channel				516000	519000	522000	Tuneup limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	20.96	21.01	20.96			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	22.5	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	PI2 BPSK	1	1	21.02	21.05	20.97			
40	PI2 BPSK	1	53	20.97	21.08	20.94	22.5	0.0	
40	PI2 BPSK	1	104	20.94	21.01	21.02			
40	PI2 BPSK	50	0	20.94	20.98	20.90			
40	PI2 BPSK	50	28	21.07	21.10	20.92	22.5	0.0	
40	PI2 BPSK	50	56	21.07	21.01	20.94			
40	PI2 BPSK	100	0	20.96	21.08	20.99			
40	QPSK	1	1	21.08	21.12	21.05	22.5	0.0	
40	QPSK	1	53	20.95	21.08	20.99			
40	QPSK	1	104	21.02	21.11	21.00			
40	QPSK	50	0	20.93	21.01	20.91	22.5	0.0	
40	QPSK	50	28	21.01	21.05	20.97			
40	QPSK	50	56	20.99	21.03	20.91			
40	QPSK	100	0	21.00	21.03	20.95	22.5	0.0	
40	16QAM	1	1	21.04	21.05	20.91			
40	64QAM	1	1	20.97	21.00	20.91		22.0	0.5
40	256QAM	1	1	19.54	19.68	19.60			
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	21.00	20.90	20.99			0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	20.97	21.06	20.98			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	21.5	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	PI2 BPSK	1	1	20.17	20.15	20.14			
40	PI2 BPSK	1	53	20.09	20.25	20.07	21.5	0.0	
40	PI2 BPSK	1	104	20.04	20.13	20.15			
40	PI2 BPSK	50	0	20.03	20.25	20.15			
40	PI2 BPSK	50	28	20.16	20.27	20.21	21.5	0.0	
40	PI2 BPSK	50	56	20.16	20.24	20.14			
40	PI2 BPSK	100	0	20.14	20.18	20.13			
40	QPSK	1	1	20.16	20.28	20.22	21.5	0.0	
40	QPSK	1	53	20.09	20.16	20.10			
40	QPSK	1	104	20.05	20.20	20.15			
40	QPSK	50	0	20.03	20.17	20.17	21.5	0.0	
40	QPSK	50	28	20.17	20.23	20.21			
40	QPSK	50	56	20.13	20.15	20.20			
40	QPSK	100	0	20.03	20.21	20.07	21.5	0.0	
40	16QAM	1	1	20.03	20.24	20.12			
40	64QAM	1	1	20.03	20.14	20.20		21.5	0.0
40	256QAM	1	1	18.77	18.88	18.81			
Channel				517002	519000	520998	Tune-up limit	MPR	
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)	
30	QPSK	1	1	20.09	20.14	20.11	21.5	0.0	
Channel				516000	519000	522000	Tune-up limit	MPR	
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)	
20	QPSK	1	1	20.13	20.18	20.12	21.5	0.0	

n41_Ant 2_PC3

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	PI2 BPSK	1	1	20.99	21.07	20.98	22.0	0.0
100	PI2 BPSK	1	137	20.95	21.04	20.94		
100	PI2 BPSK	1	271	21.01	21.02	21.02		
100	PI2 BPSK	135	0	20.91	20.99	21.04		
100	PI2 BPSK	135	69	20.91	21.02	21.01	22.0	0.0
100	PI2 BPSK	135	138	20.88	21.06	20.95	22.0	0.0
100	PI2 BPSK	270	0	20.98	21.03	20.92	22.0	0.0
100	QPSK	1	1	21.03	21.10	21.05		
100	QPSK	1	137	21.00	21.02	20.95		
100	QPSK	1	271	20.94	20.97	20.96		
100	QPSK	135	0	20.96	20.94	20.92	22.0	0.0
100	QPSK	135	69	20.97	20.99	20.96		
100	QPSK	135	138	20.90	20.98	20.94		
100	QPSK	270	0	20.96	21.02	21.00		
100	16QAM	1	1	20.95	21.02	20.93	22.0	0.0
100	64QAM	1	1	20.93	20.96	20.93	22.0	0.0
100	256QAM	1	1	19.96	20.06	19.93	21.0	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.90	21.03	21.03	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.98	21.02	21.04	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2531.01	2592.99	2645		
70	QPSK	1	1	20.90	20.99	21.04	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.92	21.05	20.99	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.01	21.04	21.01	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.99	21.04	20.99	22.0	0.0
Channel				502200	518598	535000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.97	21.08	21.03	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.02	21.00	20.92	22.0	0.0

n41_Ant 2_PC2

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	PI2 BPSK	1	1	20.99	21.07	20.98	22.0	0.0
100	PI2 BPSK	1	137	20.95	21.04	20.94		
100	PI2 BPSK	1	271	21.01	21.02	21.02		
100	PI2 BPSK	135	0	20.91	20.99	21.04		
100	PI2 BPSK	135	69	20.91	21.02	21.01	22.0	0.0
100	PI2 BPSK	135	138	20.88	21.06	20.95	22.0	0.0
100	PI2 BPSK	270	0	20.98	21.03	20.92	22.0	0.0
100	QPSK	1	1	21.03	21.10	21.05		
100	QPSK	1	137	21.00	21.02	20.95		
100	QPSK	1	271	20.94	20.97	20.96		
100	QPSK	135	0	20.96	20.94	20.92	22.0	0.0
100	QPSK	135	69	20.97	20.99	20.96		
100	QPSK	135	138	20.90	20.98	20.94		
100	QPSK	270	0	20.96	21.02	21.00		
100	16QAM	1	1	20.95	21.02	20.93	22.0	0.0
100	64QAM	1	1	20.93	20.96	20.93	22.0	0.0
100	256QAM	1	1	19.96	20.06	19.93	21.0	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.90	21.03	21.03	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.98	21.02	21.04	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2531.01	2592.99	2645		
70	QPSK	1	1	20.90	20.99	21.04	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.92	21.05	20.99	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.01	21.04	21.01	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.99	21.04	20.99	22.0	0.0
Channel				502200	518598	535000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.97	21.08	21.03	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.02	21.00	20.92	22.0	0.0

n41_Ant 3_PC3

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	PI2 BPSK	1	1	21.03	21.18	21.08	22.5	0.0
100	PI2 BPSK	1	137	21.08	21.07	21.05		
100	PI2 BPSK	1	271	21.11	21.13	20.97		
100	PI2 BPSK	135	0	21.06	21.17	21.01		
100	PI2 BPSK	135	69	21.07	21.07	21.01	22.5	0.0
100	PI2 BPSK	135	138	21.02	21.18	21.10	22.5	0.0
100	PI2 BPSK	270	0	21.02	21.08	21.08	22.5	0.0
100	QPSK	1	1	21.15	21.19	21.12		
100	QPSK	1	137	21.13	21.16	21.03		
100	QPSK	1	271	21.08	21.16	20.98		
100	QPSK	135	0	21.06	21.09	21.06	22.5	0.0
100	QPSK	135	69	21.13	21.15	21.10		
100	QPSK	135	138	21.09	21.10	21.03		
100	QPSK	270	0	21.10	21.12	21.06		
100	16QAM	1	1	21.12	21.14	20.97	22.5	0.0
100	64QAM	1	1	21.09	21.08	20.97	22.5	0.0
100	256QAM	1	1	20.06	20.18	20.11	21.0	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.05	21.13	20.97	22.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.00	21.06	21.08	22.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2531.01	2592.99	2645		
70	QPSK	1	1	21.04	21.12	21.09	22.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.11	21.13	20.97	22.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.08	21.14	21.02	22.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.01	21.05	21.05	22.5	0.0
Channel				502200	518598	535000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.03	21.15	20.99	22.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.10	21.12	21.07	22.5	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	22.5	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	21.03	21.18	21.08		
100	PI2 BPSK	1	137	21.06	21.07	21.05	22.5	0.0
100	PI2 BPSK	1	271	21.11	21.13	20.97		
100	PI2 BPSK	135	0	21.08	21.17	21.01		
100	PI2 BPSK	135	69	21.07	21.07	21.01	22.5	0.0
100	PI2 BPSK	135	138	21.02	21.18	21.10	22.5	0.0
100	PI2 BPSK	270	0	21.02	21.08	21.08	22.5	0.0
100	QPSK	1	1	21.15	21.15	21.12		
100	QPSK	1	137	21.13	21.16	21.03		
100	QPSK	1	271	21.08	21.16	20.98	22.5	0.0
100	QPSK	135	0	21.06	21.09	21.06		
100	QPSK	135	69	21.13	21.15	21.10		
100	QPSK	135	138	21.09	21.10	21.03	22.5	0.0
100	QPSK	270	0	21.10	21.12	21.06		
100	16QAM	1	1	21.12	21.14	20.97		
100	64QAM	1	1	21.09	21.08	20.97	22.5	0.0
100	256QAM	1	1	20.06	20.18	20.11	21.0	1.5
Channel				508200	518598	528998	22.5	0.0
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.05	21.13	20.97		
Channel				507204	518598	529998	22.5	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.00	21.06	21.08		
Channel				506202	518598	531000	22.5	0.0
Frequency (MHz)				2531.01	2592.99	2645		
70	QPSK	1	1	21.04	21.12	21.09		
Channel				505200	518598	531998	22.5	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.11	21.13	20.97		
Channel				504204	518598	532998	22.5	0.0
Frequency (MHz)				2521.02	2592.99	2664.98		
50	QPSK	1	1	21.08	21.14	21.02		
Channel				503202	518598	534000	22.5	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.01	21.05	21.05		
Channel				502200	518598	534998	22.5	0.0
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.03	21.15	20.99		
Channel				501204	518598	535998	22.5	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.10	21.12	21.07		

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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	21.5	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	20.26	20.40	20.30		
100	PI2 BPSK	1	137	20.36	20.31	20.36	21.5	0.0
100	PI2 BPSK	1	271	20.30	20.42	20.29		
100	PI2 BPSK	135	0	20.23	20.32	20.35		
100	PI2 BPSK	135	69	20.25	20.30	20.27	21.5	0.0
100	PI2 BPSK	135	138	20.32	20.34	20.34	21.5	0.0
100	PI2 BPSK	270	0	20.23	20.42	20.35	21.5	0.0
100	QPSK	1	1	20.38	20.43	20.40		
100	QPSK	1	137	20.23	20.33	20.32		
100	QPSK	1	271	20.33	20.35	20.33	21.5	0.0
100	QPSK	135	0	20.33	20.34	20.30		
100	QPSK	135	69	20.37	20.40	20.34		
100	QPSK	135	138	20.36	20.34	20.33	21.5	0.0
100	QPSK	270	0	20.35	20.39	20.25		
100	16QAM	1	1	20.29	20.32	20.27		
100	64QAM	1	1	20.28	20.32	20.29	21.5	0.0
100	256QAM	1	1	20.27	20.29	20.37	21.0	0.5
Channel				508200	518598	528998	21.5	0.0
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.30	20.34	20.32		
Channel				507204	518598	529998	21.5	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.30	20.33	20.33		
Channel				506202	518598	531000	21.5	0.0
Frequency (MHz)				2531.01	2592.99	2645		
70	QPSK	1	1	20.27	20.38	20.37		
Channel				505200	518598	531998	21.5	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.24	20.34	20.26		
Channel				504204	518598	532998	21.5	0.0
Frequency (MHz)				2521.02	2592.99	2664.98		
50	QPSK	1	1	20.32	20.31	20.37		
Channel				503202	518598	534000	21.5	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.23	20.29	20.34		
Channel				502200	518598	534998	21.5	0.0
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.23	20.37	20.34		
Channel				501204	518598	535998	21.5	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.33	20.31	20.37		

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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	21.5	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	20.26	20.40	20.30		
100	PI2 BPSK	1	137	20.36	20.31	20.36	21.5	0.0
100	PI2 BPSK	1	271	20.30	20.42	20.29		
100	PI2 BPSK	135	0	20.23	20.32	20.35		
100	PI2 BPSK	135	69	20.25	20.30	20.27	21.5	0.0
100	PI2 BPSK	135	138	20.32	20.34	20.34	21.5	0.0
100	PI2 BPSK	270	0	20.23	20.42	20.35	21.5	0.0
100	QPSK	1	1	20.38	20.43	20.40		
100	QPSK	1	137	20.23	20.33	20.32		
100	QPSK	1	271	20.33	20.35	20.33	21.5	0.0
100	QPSK	135	0	20.33	20.34	20.30		
100	QPSK	135	69	20.37	20.40	20.34		
100	QPSK	135	138	20.36	20.34	20.33	21.5	0.0
100	QPSK	270	0	20.35	20.39	20.25		
100	16QAM	1	1	20.29	20.32	20.27		
100	64QAM	1	1	20.28	20.32	20.29	21.5	0.0
100	256QAM	1	1	20.27	20.29	20.37	21.0	0.5
Channel				508200	518598	528998	21.5	0.0
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.30	20.34	20.32		
Channel				507204	518598	529998	21.5	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.30	20.33	20.33		
Channel				506202	518598	531000	21.5	0.0
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.27	20.38	20.37		
Channel				505200	518598	531998	21.5	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.24	20.34	20.26		
Channel				504204	518598	532998	21.5	0.0
Frequency (MHz)				2521.02	2592.99	2664.98		
50	QPSK	1	1	20.32	20.31	20.37		
Channel				503202	518598	534000	21.5	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.23	20.29	20.34		
Channel				502200	518598	534998	21.5	0.0
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.23	20.37	20.34		
Channel				501204	518598	535998	21.5	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.33	20.31	20.37	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				#DIV/OI	#DIV/OI	#DIV/OI	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#DIV/OI	#DIV/OI	#DIV/OI		
40	PI2 BPSK	1	1	18.16	18.26	18.13	19.0	0.0
40	PI2 BPSK	1	53	18.12	18.15	18.10		
40	PI2 BPSK	1	104	18.08	18.20	18.21		
40	PI2 BPSK	50	0	18.09	18.24	18.24	19.0	0.0
40	PI2 BPSK	50	28	18.16	18.24	18.21	19.0	0.0
40	PI2 BPSK	50	56	18.11	18.26	18.22	19.0	0.0
40	PI2 BPSK	100	0	18.12	18.19	18.15	19.0	0.0
40	QPSK	1	1	18.22	18.31	18.25		
40	QPSK	1	53	18.11	18.22	18.20		
40	QPSK	1	104	18.13	18.25	18.12	19.0	0.0
40	QPSK	50	0	18.16	18.18	18.11		
40	QPSK	50	28	18.21	18.24	18.16		
40	QPSK	50	56	18.10	18.21	18.15	19.0	0.0
40	QPSK	100	0	18.18	18.19	18.11		
40	16QAM	1	1	18.10	18.29	18.14	19.0	0.0
40	64QAM	1	1	18.16	18.25	18.19	19.0	0.0
40	256QAM	1	1	18.19	18.26	18.16	19.0	0.0
Channel				#DIV/OI	#DIV/OI	#DIV/OI	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#DIV/OI	#DIV/OI	#DIV/OI	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	18.21	18.15	18.12	19.0	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				#DIV/OI	#DIV/OI	#DIV/OI	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#DIV/OI	#DIV/OI	#DIV/OI		
40	PI2 BPSK	1	1	19.50	19.68	19.50	20.5	0.0
40	PI2 BPSK	1	53	19.43	19.59	19.55		
40	PI2 BPSK	1	104	19.54	19.54	19.47		
40	PI2 BPSK	50	0	19.43	19.66	19.45	20.5	0.0
40	PI2 BPSK	50	28	19.54	19.66	19.59	20.5	0.0
40	PI2 BPSK	50	56	19.49	19.54	19.51	20.5	0.0
40	PI2 BPSK	100	0	19.51	19.68	19.46	20.5	0.0
40	QPSK	1	1	19.57	19.69	19.62		
40	QPSK	1	53	19.47	19.57	19.52		
40	QPSK	1	104	19.54	19.55	19.59	20.5	0.0
40	QPSK	50	0	19.47	19.59	19.59		
40	QPSK	50	28	19.56	19.67	19.61		
40	QPSK	50	56	19.49	19.64	19.57	20.5	0.0
40	QPSK	100	0	19.50	19.64	19.47		
40	16QAM	1	1	19.54	19.67	19.54	20.5	0.0
40	64QAM	1	1	19.54	19.68	19.48	20.5	0.0
40	256QAM	1	1	19.51	19.58	19.53	20.5	0.0
Channel				#DIV/OI	#DIV/OI	#DIV/OI	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#DIV/OI	#DIV/OI	#DIV/OI	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	19.47	19.68	19.47	20.5	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				#DIV/OI	#DIV/OI	#DIV/OI	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#DIV/OI	#DIV/OI	#DIV/OI		
40	PI2 BPSK	1	1	21.49	21.60	21.48	22.5	0.0
40	PI2 BPSK	1	53	21.08	21.04	21.10		
40	PI2 BPSK	1	104	21.44	21.57	21.46		
40	PI2 BPSK	50	0	21.01	21.16	21.04	22.5	0.0
40	PI2 BPSK	50	28	20.96	21.05	20.94	22.5	0.0
40	PI2 BPSK	50	56	20.89	21.02	20.93	22.5	0.0
40	PI2 BPSK	100	0	20.99	21.09	20.87	22.5	0.0
40	QPSK	1	1	21.56	21.62	21.53		
40	QPSK	1	53	21.35	21.37	21.39		
40	QPSK	1	104	21.36	21.43	21.33	22.5	0.0
40	QPSK	50	0	21.07	21.10	21.04		
40	QPSK	50	28	21.25	21.28	21.17		
40	QPSK	50	56	21.21	21.20	21.12	22.5	0.0
40	QPSK	100	0	20.94	21.00	20.86		
40	16QAM	1	1	21.25	21.32	21.25	22.5	0.0
40	64QAM	1	1	20.48	20.60	20.55	21.5	1.0
40	256QAM	1	1	18.93	18.99	18.94	20.0	2.5
Channel				#DIV/OI	#DIV/OI	#DIV/OI	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#DIV/OI	#DIV/OI	#DIV/OI	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	21.48	21.54	21.41	22.5	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			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		
40	PI2 BPSK	1	1	21.20	21.35	21.21	22.5	0.0
40	PI2 BPSK	1	53	20.74	20.86	20.76		
40	PI2 BPSK	1	104	21.23	21.32	21.24		
40	PI2 BPSK	50	0	20.85	20.92	20.80	22.0	0.5
40	PI2 BPSK	50	28	20.59	20.70	20.63	22.5	0.0
40	PI2 BPSK	50	56	20.82	20.96	20.82	22.0	0.5
40	PI2 BPSK	100	0	20.78	20.88	20.80		
40	QPSK	1	1	21.35	21.18	21.32		
40	QPSK	1	53	19.82	19.95	19.86	22.5	0.0
40	QPSK	1	104	20.61	20.75	20.69	22.5	0.0
40	QPSK	50	0	19.88	19.99	19.85		
40	QPSK	50	28	20.55	20.68	20.57		
40	QPSK	50	56	19.63	19.75	19.66	21.5	1.0
40	QPSK	100	0	20.13	20.26	20.15		
40	16QAM	1	1	20.22	20.35	20.21		
40	64QAM	1	1	18.54	18.67	18.60	20.0	2.5
40	256QAM	1	1	17.55	17.58	17.52	18.0	4.5
Channel			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	21.24	21.28	21.19		

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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			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		
100	PI2 BPSK	1	1	18.41	18.49	18.35	19.5	0.0
100	PI2 BPSK	1	137	18.42	18.51	18.44		
100	PI2 BPSK	1	271	18.34	18.48	18.35		
100	PI2 BPSK	135	0	18.38	18.51	18.37	19.5	0.0
100	PI2 BPSK	135	69	18.34	18.44	18.49	19.5	0.0
100	PI2 BPSK	135	138	18.41	18.55	18.38	19.5	0.0
100	PI2 BPSK	270	0	18.42	18.45	18.49	19.5	0.0
100	QPSK	1	1	18.45	18.56	18.50		
100	QPSK	1	137	18.31	18.51	18.46		
100	QPSK	1	271	18.35	18.55	18.38	19.5	0.0
100	QPSK	135	0	18.35	18.48	18.41		
100	QPSK	135	69	18.42	18.54	18.49		
100	QPSK	135	138	18.38	18.52	18.38	19.5	0.0
100	QPSK	270	0	18.35	18.53	18.38		
100	16QAM	1	1	18.44	18.49	18.38		
100	64QAM	1	1	18.38	18.47	18.43	19.5	0.0
100	256QAM	1	1	18.38	18.47	18.40	19.5	0.0
Channel			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	18.44	18.57	18.39		
Channel			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	18.42	18.47	18.43	19.5	0.0
Channel			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	18.44	18.54	18.48	19.5	0.0
Channel			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	18.41	18.49	18.48	19.5	0.0
Channel			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	18.31	18.50	18.39	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			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		
100	PI2 BPSK	1	1	18.35	18.45	18.35	19.5	0.0
100	PI2 BPSK	1	137	18.48	18.48	18.48		
100	PI2 BPSK	1	271	18.44	18.44	18.44		
100	PI2 BPSK	135	0	18.49	18.49	18.49	19.5	0.0
100	PI2 BPSK	135	69	18.37	18.47	18.47	19.5	0.0
100	PI2 BPSK	135	138	18.38	18.48	18.38	19.5	0.0
100	PI2 BPSK	270	0	18.38	18.48	18.38	19.5	0.0
100	QPSK	1	1	18.50	18.50	18.50		
100	QPSK	1	137	18.37	18.37	18.37		
100	QPSK	1	271	18.43	18.43	18.43	19.5	0.0
100	QPSK	135	0	18.44	18.44	18.44		
100	QPSK	135	69	18.48	18.48	18.48		
100	QPSK	135	138	18.40	18.40	18.40	19.5	0.0
100	QPSK	270	0	18.42	18.42	18.42		
100	16QAM	1	1	18.41	18.41	18.41		
100	64QAM	1	1	18.43	18.43	18.43	19.5	0.0
100	256QAM	1	1	18.38	18.38	18.38	19.5	0.0
Channel			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	18.42	18.46	18.35		
Channel			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	18.35	18.45	18.43	19.5	0.0
Channel			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	18.48	18.47	18.40	19.5	0.0
Channel			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	18.37	18.45	18.38	19.5	0.0
Channel			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	18.48	18.46	18.45	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				650000	650000	650000	19.5	0.0
Frequency (MHz)				3760	3840	3930		
100	PI2 BPSK	1	1	18.34	18.32	18.26		
100	PI2 BPSK	1	137	18.44	18.31	18.25		
100	PI2 BPSK	1	271	18.42	18.37	18.20	19.5	0.0
100	PI2 BPSK	135	0	18.41	18.42	18.31		
100	PI2 BPSK	135	69	18.42	18.28	18.26		
100	PI2 BPSK	135	138	18.44	18.34	18.28		
100	PI2 BPSK	270	0	18.40	18.33	18.27	19.5	0.0
100	QPSK	1	1	18.48	18.43	18.35		
100	QPSK	1	137	18.44	18.31	18.24		
100	QPSK	1	271	18.43	18.31	18.32		
100	QPSK	135	0	18.33	18.38	18.25	19.5	0.0
100	QPSK	135	69	18.45	18.39	18.33		
100	QPSK	135	138	18.43	18.37	18.30		
100	QPSK	270	0	18.37	18.31	18.22		
100	16QAM	1	1	18.38	18.28	18.32	19.5	0.0
100	64QAM	1	1	18.42	18.30	18.26		
100	256QAM	1	1	18.37	18.40	18.23		
Channel				649334	650000	652686	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.01	3840	3939.99	19.5	0.0
80	QPSK	1	1	18.44	18.20	18.21		
Channel				648668	650000	653332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	19.5	0.0
60	QPSK	1	1	18.35	18.36	18.34		
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	19.5	0.0
40	QPSK	1	1	18.39	18.41	18.20		
Channel				647668	650000	654332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	19.5	0.0
30	QPSK	1	1	18.39	18.40	18.33		
Channel				647334	650000	655666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3989.99	19.5	0.0
20	QPSK	1	1	18.42	18.38	18.21		

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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				640000	641666	643332	21.0	0.0
Frequency (MHz)				36000	3624.99	3649.98		
100	PI2 BPSK	1	1	20.28	20.33	20.32		
100	PI2 BPSK	1	137	20.30	20.31	20.24		
100	PI2 BPSK	1	271	20.20	20.31	20.27	21.0	0.0
100	PI2 BPSK	135	0	20.23	20.37	20.30		
100	PI2 BPSK	135	69	20.31	20.31	20.28		
100	PI2 BPSK	135	138	20.24	20.32	20.21		
100	PI2 BPSK	270	0	20.21	20.33	20.32	21.0	0.0
100	QPSK	1	1	20.33	20.45	20.35		
100	QPSK	1	137	20.20	20.41	20.30		
100	QPSK	1	271	20.32	20.32	20.21		
100	QPSK	135	0	20.21	20.34	20.21	21.0	0.0
100	QPSK	135	69	20.27	20.41	20.30		
100	QPSK	135	138	20.22	20.31	20.26		
100	QPSK	270	0	20.18	20.35	20.23		
100	16QAM	1	1	20.28	20.41	20.26	21.0	0.0
100	64QAM	1	1	20.32	20.40	20.29		
100	256QAM	1	1	19.38	19.53	19.44		
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660	21.0	0.0
80	QPSK	1	1	20.21	20.35	20.23		
Channel				638668	641666	646666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99	21.0	0.0
60	QPSK	1	1	20.20	20.30	20.24		
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98	21.0	0.0
40	QPSK	1	1	20.19	20.41	20.20		
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99	21.0	0.0
30	QPSK	1	1	20.29	20.39	20.21		
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690	21.0	0.0
20	QPSK	1	1	20.30	20.30	20.28		

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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				633332			21.0	0.0
Frequency (MHz)				3499.98				
100	PI2 BPSK	1	1		20.24			
100	PI2 BPSK	1	137		20.31			
100	PI2 BPSK	1	271		20.34		21.0	0.0
100	PI2 BPSK	135	0		20.21			
100	PI2 BPSK	135	69		20.33			
100	PI2 BPSK	135	138		20.28			
100	PI2 BPSK	270	0		20.20		21.0	0.0
100	QPSK	1	1		20.35			
100	QPSK	1	137		20.34			
100	QPSK	1	271		20.27			
100	QPSK	135	0		20.31		21.0	0.0
100	QPSK	135	69		20.32			
100	QPSK	135	138		20.27			
100	QPSK	270	0		20.25			
100	16QAM	1	1		20.23		21.0	0.0
100	64QAM	1	1		20.20			
100	256QAM	1	1		19.42			
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3499.98	3510	21.0	0.0
80	QPSK	1	1	20.31	20.31	20.20		
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99	21.0	0.0
60	QPSK	1	1	20.30	20.29	20.22		
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3489.98	3529.98	21.0	0.0
40	QPSK	1	1	20.23	20.25	20.28		
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	21.0	0.0
30	QPSK	1	1	20.30	20.28	20.31		
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	21.0	0.0
20	QPSK	1	1	20.22	20.31	20.27		

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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				650000	650000	620000	21.0	0.0
Frequency (MHz)				3760	3840	3920		
100	PV2 BPSK	1	1	20.14	20.17	20.13	21.0	0.0
100	PV2 BPSK	1	137	20.09	20.25	20.21		
100	PV2 BPSK	1	271	20.17	20.21	20.16		
100	PV2 BPSK	135	0	20.20	20.19	20.16	21.0	0.0
100	PV2 BPSK	135	69	20.16	20.29	20.19	21.0	0.0
100	PV2 BPSK	135	138	20.14	20.28	20.13	21.0	0.0
100	PV2 BPSK	270	0	20.16	20.22	20.11	21.0	0.0
100	QPSK	1	1	20.22	20.16	20.28		
100	QPSK	1	137	20.16	20.21	20.23		
100	QPSK	1	271	20.11	20.28	20.11	21.0	0.0
100	QPSK	135	0	20.17	20.19	20.18		
100	QPSK	135	69	20.21	20.26	20.20		
100	QPSK	135	138	20.20	20.24	20.11	21.0	0.0
100	QPSK	270	0	20.17	20.24	20.14		
100	16QAM	1	1	20.14	20.24	20.21		
100	16QAM	1	1	20.09	20.26	20.19	21.0	0.0
100	256QAM	1	1	19.33	19.41	19.34	20.5	0.5
Channel				645334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.01	3840	3939.99		
80	QPSK	1	1	23.64	23.70	23.58	21.0	0.0
Channel				648668	650000	653332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	23.62	23.63	23.61	21.0	0.0
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.58	23.65	23.58	21.0	0.0
Channel				647668	650000	654332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	23.66	23.72	23.66	21.0	0.0
Channel				647334	650000	655000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	23.61	23.72	23.66	21.0	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				640000	641666	643332	21.0	0.0
Frequency (MHz)				3600	3624.99	3649.98		
100	PV2 BPSK	1	1	20.40	20.50	20.29	21.0	0.0
100	PV2 BPSK	1	137	20.44	20.40	20.31		
100	PV2 BPSK	1	271	20.34	20.40	20.32		
100	PV2 BPSK	135	0	20.39	20.45	20.40	21.0	0.0
100	PV2 BPSK	135	69	20.38	20.50	20.41	21.0	0.0
100	PV2 BPSK	135	138	20.34	20.51	20.38	21.0	0.0
100	PV2 BPSK	270	0	20.43	20.37	20.30	21.0	0.0
100	QPSK	1	1	20.45	20.52	20.44		
100	QPSK	1	137	20.31	20.41	20.38		
100	QPSK	1	271	20.38	20.41	20.32	21.0	0.0
100	QPSK	135	0	20.34	20.41	20.40		
100	QPSK	135	69	20.39	20.49	20.43		
100	QPSK	135	138	20.35	20.37	20.37	21.0	0.0
100	QPSK	270	0	20.43	20.45	20.33		
100	16QAM	1	1	20.43	20.48	20.41		
100	16QAM	1	1	20.04	20.18	20.12	21.0	0.0
100	256QAM	1	1	18.10	18.10	18.07	19.5	1.5
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3550.01	3624.99	3660		
80	QPSK	1	1	20.37	20.49	20.39	21.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3550.02	3624.99	3669.99		
60	QPSK	1	1	20.37	20.39	20.36	21.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3540	3624.99	3673.98		
40	QPSK	1	1	20.37	20.49	20.39	21.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555.02	3624.99	3684.99		
30	QPSK	1	1	20.38	20.49	20.42	21.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3550.01	3624.99	3690		
20	QPSK	1	1	20.44	20.39	20.43	21.0	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				633332	633332	633332	21.0	0.0
Frequency (MHz)				3499.98	3499.98	3499.98		
100	PV2 BPSK	1	1	20.26	20.26	20.26	21.0	0.0
100	PV2 BPSK	1	137	20.34	20.34	20.34		
100	PV2 BPSK	1	271	20.30	20.30	20.30		
100	PV2 BPSK	135	0	20.25	20.40	20.25	21.0	0.0
100	PV2 BPSK	135	69	20.33	20.33	20.33	21.0	0.0
100	PV2 BPSK	135	138	20.25	20.25	20.25	21.0	0.0
100	PV2 BPSK	270	0	20.35	20.35	20.35	21.0	0.0
100	QPSK	1	1	20.40	20.40	20.40		
100	QPSK	1	137	20.33	20.33	20.33		
100	QPSK	1	271	20.28	20.28	20.28	21.0	0.0
100	QPSK	135	0	20.35	20.35	20.35		
100	QPSK	135	69	20.38	20.38	20.38		
100	QPSK	135	138	20.37	20.37	20.37	21.0	0.0
100	QPSK	270	0	20.34	20.34	20.34		
100	16QAM	1	1	20.29	20.29	20.29		
100	16QAM	1	1	20.08	20.08	20.08	21.0	0.0
100	256QAM	1	1	18.14	18.14	18.14	19.5	1.5
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3499.98	3510		
80	QPSK	1	1	20.39	20.33	20.20	21.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.35	20.30	20.34	21.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3489.98	3529.98		
40	QPSK	1	1	20.37	20.26	20.30	21.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.34	20.37	20.39	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.27	20.25	20.38	21.0	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				650000	656000	662000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3760	3840	3920			
100	PI/2 BPSK	1	1	20.33	20.34	20.40	21.0	0.0	
100	PI/2 BPSK	1	137	20.37	20.43	20.39			
100	PI/2 BPSK	1	271	20.29	20.36	20.27			
100	PI/2 BPSK	135	0	20.42	20.44	20.40			
100	PI/2 BPSK	135	69	20.35	20.37	20.38	21.0	0.0	
100	PI/2 BPSK	135	138	20.38	20.32	20.39	21.0	0.0	
100	PI/2 BPSK	270	0	20.34	20.46	20.32	21.0	0.0	
100	QPSK	1	1	20.43	20.37	20.41			
100	QPSK	1	137	20.32	20.43	20.38			
100	QPSK	1	271	20.41	20.37	20.39			
100	QPSK	135	0	20.36	20.39	20.35	21.0	0.0	
100	QPSK	135	69	20.42	20.44	20.39			
100	QPSK	135	138	20.41	20.33	20.37			
100	QPSK	270	0	20.37	20.38	20.27			
100	16QAM	1	1	20.41	20.41	20.33	21.0	0.0	
100	64QAM	1	1	19.91	20.08	20.04	21.0	0.0	
100	256QAM	1	1	17.97	18.14	17.99	19.5	1.5	
Channel				645334	656000	662668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3928.98	(dBm)	(dB)	
80	QPSK	1	1	20.33	20.32	20.29	21.0	0.0	
Channel				648668	656000	663332	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)	
60	QPSK	1	1	20.31	20.42	20.32	21.0	0.0	
Channel				649090	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	20.35	20.45	20.37	21.0	0.0	
Channel				647688	656000	664332	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)	
30	QPSK	1	1	20.33	20.32	20.39	21.0	0.0	
Channel				647394	656000	664666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)	
20	QPSK	1	1	20.41	20.44	20.31	21.0	0.0	

Part96_n77_Ant 6									
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				640000	641666	643332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	18.24	18.26	18.14	19.0	0.0	
100	PI/2 BPSK	1	137	18.13	18.25	18.16			
100	PI/2 BPSK	1	271	18.18	18.29	18.07			
100	PI/2 BPSK	135	0	18.15	18.16	18.14			
100	PI/2 BPSK	135	69	18.11	18.27	18.14	19.0	0.0	
100	PI/2 BPSK	135	138	18.14	18.22	18.19	19.0	0.0	
100	PI/2 BPSK	270	0	18.19	18.29	18.16	19.0	0.0	
100	QPSK	1	1	18.25	18.31	18.22			
100	QPSK	1	137	18.18	18.23	18.20			
100	QPSK	1	271	18.12	18.24	18.13			
100	QPSK	135	0	18.17	18.22	18.10	19.0	0.0	
100	QPSK	135	69	18.16	18.28	18.15			
100	QPSK	135	138	18.11	18.16	18.20			
100	QPSK	270	0	18.14	18.24	18.26			
100	16QAM	1	1	18.19	18.18	18.21	19.0	0.0	
100	64QAM	1	1	18.24	18.30	18.08	19.0	0.0	
100	256QAM	1	1	18.16	18.22	18.10	19.0	0.0	
Channel				635334	641666	644000	Tune-up limit	MPR	
Frequency (MHz)				3590.01	3624.99	3660	(dBm)	(dB)	
80	QPSK	1	1	18.21	18.27	18.20	19.0	0.0	
Channel				638668	641666	644666	Tune-up limit	MPR	
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)	(dB)	
60	QPSK	1	1	18.17	18.16	18.10	19.0	0.0	
Channel				639090	641666	645332	Tune-up limit	MPR	
Frequency (MHz)				3570	3624.99	3673.98	(dBm)	(dB)	
40	QPSK	1	1	18.14	18.19	18.09	19.0	0.0	
Channel				637688	641666	645666	Tune-up limit	MPR	
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)	(dB)	
30	QPSK	1	1	18.16	18.30	18.14	19.0	0.0	
Channel				637394	641666	646000	Tune-up limit	MPR	
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)	
20	QPSK	1	1	18.10	18.22	18.08	19.0	0.0	

Par27Q_n77_Ant 6								
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				633332				
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	1	18.23			19.0	0.0
100	PI/2 BPSK	1	137	18.11				
100	PI/2 BPSK	1	271	18.22				
100	PI/2 BPSK	135	0	18.15			19.0	0.0
100	PI/2 BPSK	135	69	18.16			19.0	0.0
100	PI/2 BPSK	135	138	18.23			19.0	0.0
100	PI/2 BPSK	270	0	18.23			19.0	0.0
100	QPSK	1	1	18.25				
100	QPSK	1	137	18.16				
100	QPSK	1	271	18.12			19.0	0.0
100	QPSK	135	0	18.21				
100	QPSK	135	69	18.18				
100	QPSK	135	138	18.22			19.0	0.0
100	QPSK	270	0	18.13			19.0	0.0
100	16QAM	1	1	18.20			19.0	0.0
100	64QAM	1	1	18.15			19.0	0.0
100	256QAM	1	1	18.15			19.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.23	18.20	18.15	19.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.18	18.11	18.19	19.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.22	18.19	18.12	19.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.24	18.23	18.21	19.0	0.0
Channel				630666	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.23	18.13	18.19	19.0	0.0

Part27O_n77_Ant 6								
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				650000	658000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.17	18.17	18.12	19.0	0.0
100	PI/2 BPSK	1	137	18.22	18.26	18.19		
100	PI/2 BPSK	1	271	18.18	18.24	18.25		
100	PI/2 BPSK	135	0	18.14	18.31	18.13	19.0	0.0
100	PI/2 BPSK	135	69	18.20	18.17	18.18	19.0	0.0
100	PI/2 BPSK	135	138	18.14	18.24	18.20	19.0	0.0
100	PI/2 BPSK	270	0	18.10	18.18	18.19	19.0	0.0
100	QPSK	1	1	18.24	18.30	18.27		
100	QPSK	1	137	18.17	18.24	18.23		
100	QPSK	1	271	18.12	18.25	18.21	19.0	0.0
100	QPSK	135	0	18.12	18.28	18.18		
100	QPSK	135	69	18.21	18.22	18.20		
100	QPSK	135	138	18.16	18.26	18.18	19.0	0.0
100	QPSK	270	0	18.18	18.20	18.14	19.0	0.0
100	16QAM	1	1	18.19	18.18	18.13	19.0	0.0
100	64QAM	1	1	18.16	18.24	18.17	19.0	0.0
100	256QAM	1	1	18.10	18.10	18.00	19.0	0.0
Channel				649334	650000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.17	18.27	18.16	19.0	0.0
Channel				648668	650000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.20	18.17	18.23	19.0	0.0
Channel				648000	650000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.20	18.22	18.13	19.0	0.0
Channel				647668	650000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.19	18.25	18.19	19.0	0.0
Channel				647334	650000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.15	18.30	18.15	19.0	0.0



n2_Ant 2									
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				372000	376000	380000	21.0	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	19.68	19.82	19.71	21.0	0.0	
20	PI2 BPSK	1	53	19.68	19.81	19.77			
20	PI2 BPSK	1	104	19.71	19.82	19.76	21.0	0.0	
20	PI2 BPSK	50	0	19.71	19.79	19.82			
20	PI2 BPSK	50	28	19.77	19.85	19.74	21.0	0.0	
20	PI2 BPSK	50	56	19.74	19.83	19.70			
20	PI2 BPSK	100	0	19.78	19.80	19.82	21.0	0.0	
20	QPSK	1	1	19.81	19.82	19.85			
20	QPSK	1	53	19.76	19.87	19.81	21.0	0.0	
20	QPSK	1	104	19.67	19.89	19.76			
20	QPSK	50	0	19.70	19.77	19.81	21.0	0.0	
20	QPSK	50	28	19.77	19.86	19.83			
20	QPSK	50	56	19.74	19.78	19.70	21.0	0.0	
20	QPSK	100	0	19.69	19.81	19.73			
20	16QAM	1	1	19.79	19.85	19.75	21.0	0.0	
20	16QAM	1	1	19.75	19.77	19.77			
20	256QAM	1	1	19.15	19.16	19.11	20.0	1.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	19.70	19.80	19.73	21.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850	1880	1905			
10	QPSK	1	1	19.71	19.78	19.83	21.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	19.75	19.82	19.78	21.0	0.0	

n2_Ant 3									
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				372000	376000	380000	22.5	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	21.28	21.33	21.38	22.5	0.0	
20	PI2 BPSK	1	53	21.24	21.33	21.39			
20	PI2 BPSK	1	104	21.30	21.34	21.30	22.5	0.0	
20	PI2 BPSK	50	0	21.27	21.39	21.29			
20	PI2 BPSK	50	28	21.28	21.42	21.27	22.5	0.0	
20	PI2 BPSK	50	56	21.27	21.40	21.37			
20	PI2 BPSK	100	0	21.27	21.41	21.27	22.5	0.0	
20	QPSK	1	1	21.38	21.47	21.41			
20	QPSK	1	53	21.31	21.35	21.28	22.5	0.0	
20	QPSK	1	104	21.23	21.34	21.30			
20	QPSK	50	0	21.28	21.36	21.33	22.5	0.0	
20	QPSK	50	28	21.34	21.40	21.35			
20	QPSK	50	56	21.23	21.37	21.29	22.5	0.0	
20	QPSK	100	0	21.25	21.34	21.26			
20	16QAM	1	1	21.27	21.42	21.34	22.5	0.0	
20	16QAM	1	1	20.85	20.96	20.86			
20	256QAM	1	1	19.07	19.16	19.04	20.0	2.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	21.32	21.42	21.38	22.5	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850	1880	1905			
10	QPSK	1	1	21.27	21.36	21.38	22.5	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	21.36	21.32	21.30	22.5	0.0	

n2_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				372000	376000	380000	22.0	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	20.44	20.58	20.46	22.0	0.0	
20	PI2 BPSK	1	53	20.53	20.50	20.50			
20	PI2 BPSK	1	104	20.43	20.53	20.41	22.0	0.0	
20	PI2 BPSK	50	0	20.45	20.61	20.52			
20	PI2 BPSK	50	28	20.45	20.54	20.43	22.0	0.0	
20	PI2 BPSK	50	56	20.47	20.49	20.42			
20	PI2 BPSK	100	0	20.48	20.47	20.45	22.0	0.0	
20	QPSK	1	1	20.57	20.62	20.54			
20	QPSK	1	53	20.43	20.52	20.39	22.0	0.0	
20	QPSK	1	104	20.50	20.47	20.41			
20	QPSK	50	0	20.54	20.53	20.48	22.0	0.0	
20	QPSK	50	28	20.58	20.60	20.52			
20	QPSK	50	56	20.47	20.59	20.51	22.0	0.0	
20	QPSK	100	0	20.46	20.52	20.49			
20	16QAM	1	1	20.52	20.61	20.47	22.0	0.0	
20	16QAM	1	1	20.18	20.26	20.17			
20	256QAM	1	1	19.62	19.77	19.63	20.0	2.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	20.55	20.61	20.41	22.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850	1880	1905			
10	QPSK	1	1	20.48	20.54	20.42	22.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	20.50	20.54	20.45	22.0	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				166300	167300	167300	25.0	0.0
Frequency (MHz)				835	836.5	836		
20	PI/2 BPSK	1	1	23.47	23.58	23.47	25.0	0.0
20	PI/2 BPSK	1	53	23.40	23.53	23.42		
20	PI/2 BPSK	1	104	23.40	23.51	23.39	24.5	0.5
20	PI/2 BPSK	50	0	23.41	23.55	23.40		
20	PI/2 BPSK	50	28	23.53	23.60	23.54	24.5	0.5
20	PI/2 BPSK	50	56	23.48	23.57	23.48		
20	PI/2 BPSK	100	0	23.47	23.58	23.45	25.0	0.0
20	QPSK	1	1	23.54	23.63	23.58		
20	QPSK	1	53	23.42	23.52	23.39	24.0	1.0
20	QPSK	1	104	23.41	23.55	23.40		
20	QPSK	50	0	23.03	23.12	23.02	25.0	0.0
20	QPSK	50	28	23.50	23.62	23.56		
20	QPSK	50	56	23.00	23.10	23.00	24.0	1.0
20	QPSK	100	0	23.06	23.15	23.01		
20	16QAM	1	1	23.10	23.18	23.05	24.0	1.0
20	16QAM	1	1	21.33	21.40	21.32		
20	256QAM	1	1	19.65	19.70	19.55	20.5	4.5
Channel				166300	167300	168300		
Frequency (MHz)				831.5	836.5	841.5	25.0	0.0
15	QPSK	1	1	23.49	23.51	23.43		
Channel				165500	167300	168300	25.0	0.0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.41	23.55	23.53	25.0	0.0
Channel				165300	167300	169300		
Frequency (MHz)				826.5	836.5	846.5	25.0	0.0
5	QPSK	1	1	23.40	23.52	23.46		

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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				166300	167300	167300	25.0	0.0
Frequency (MHz)				834	836.5	836		
20	PI/2 BPSK	1	1	23.54	23.69	23.59	25.0	0.0
20	PI/2 BPSK	1	53	23.47	23.60	23.51		
20	PI/2 BPSK	1	104	23.55	23.60	23.50	24.5	0.5
20	PI/2 BPSK	50	0	23.49	23.69	23.46		
20	PI/2 BPSK	50	28	23.60	23.70	23.54	24.5	0.5
20	PI/2 BPSK	50	56	23.57	23.67	23.60		
20	PI/2 BPSK	100	0	23.57	23.67	23.58	25.0	0.0
20	QPSK	1	1	23.69	23.74	23.63		
20	QPSK	1	53	23.53	23.61	23.48	24.0	1.0
20	QPSK	1	104	23.46	23.65	23.53		
20	QPSK	50	0	23.08	23.27	23.17	25.0	0.0
20	QPSK	50	28	23.59	23.71	23.62		
20	QPSK	50	56	23.14	23.18	23.15	24.0	1.0
20	QPSK	100	0	23.16	23.27	23.07		
20	16QAM	1	1	23.21	23.27	23.18	24.0	1.0
20	16QAM	1	1	21.28	21.34	21.26		
20	256QAM	1	1	19.50	19.57	19.40	20.5	4.5
Channel				166300	167300	168300		
Frequency (MHz)				831.5	836.5	841.5	25.0	0.0
15	QPSK	1	1	23.55	23.60	23.51		
Channel				165500	167300	168300	25.0	0.0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.61	23.65	23.56	25.0	0.0
Channel				165300	167300	169300		
Frequency (MHz)				826.5	836.5	846.5	25.0	0.0
5	QPSK	1	1	23.62	23.68	23.52		

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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				502000	507000	512000	25.0	0.0
Frequency (MHz)				2500	2535	2560		
20	PI/2 BPSK	1	1	20.68	20.68	20.61	21.5	0.0
20	PI/2 BPSK	1	53	20.71	20.67	20.71		
20	PI/2 BPSK	1	104	20.61	20.75	20.62	21.5	0.0
20	PI/2 BPSK	50	0	20.71	20.70	20.68		
20	PI/2 BPSK	50	28	20.74	20.67	20.69	21.5	0.0
20	PI/2 BPSK	50	56	20.70	20.64	20.61		
20	PI/2 BPSK	100	0	20.69	20.76	20.68	25.0	0.0
20	QPSK	1	1	20.75	20.76	20.72		
20	QPSK	1	53	20.68	20.77	20.83	21.5	0.0
20	QPSK	1	104	20.65	20.64	20.69		
20	QPSK	50	0	20.67	20.65	20.58	21.5	0.0
20	QPSK	50	28	20.72	20.75	20.69		
20	QPSK	50	56	20.70	20.68	20.65	21.5	0.0
20	QPSK	100	0	20.71	20.72	20.60		
20	16QAM	1	1	20.65	20.69	20.58	21.5	0.0
20	16QAM	1	1	20.63	20.63	20.62		
20	256QAM	1	1	19.28	19.37	19.27	20.0	1.5
Channel				501500	507000	512500		
Frequency (MHz)				2507.5	2535	2562.5	25.0	0.0
15	QPSK	1	1	20.73	20.73	20.59		
Channel				501000	507000	513000	25.0	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.61	20.68	20.67	21.5	0.0
Channel				500500	507000	513500		
Frequency (MHz)				2502.5	2535	2567.5	21.5	0.0
5	QPSK	1	1	20.65	20.76	20.59		

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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				502000	507000	512000	21.0	0.0
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.39	20.49	20.31	21.0	0.0
20	PI/2 BPSK	1	53	20.30	20.52	20.28		
20	PI/2 BPSK	1	104	20.33	20.45	20.27	21.0	0.0
20	PI/2 BPSK	50	0	20.35	20.51	20.27		
20	PI/2 BPSK	50	28	20.38	20.43	20.28	21.0	0.0
20	PI/2 BPSK	50	56	20.37	20.51	20.34		
20	PI/2 BPSK	100	0	20.43	20.40	20.30	21.0	0.0
20	QPSK	1	1	20.45	20.54	20.40		
20	QPSK	1	53	20.30	20.53	20.29	21.0	0.0
20	QPSK	1	104	20.44	20.52	20.25		
20	QPSK	50	0	20.33	20.44	20.31	21.0	0.0
20	QPSK	50	28	20.39	20.49	20.35		
20	QPSK	50	56	20.38	20.46	20.34	21.0	0.0
20	QPSK	100	0	20.38	20.44	20.32		
20	16QAM	1	1	20.32	20.40	20.36	21.0	0.0
20	16QAM	1	1	20.31	20.39	20.29		
20	256QAM	1	1	19.57	19.65	19.57	20.0	1.0
Channel				501500	507000	512500	21.0	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.41	21.57	21.43	21.0	0.0
Channel				501000	507000	513000		
Frequency (MHz)				2505	2535	2565	21.0	0.0
10	QPSK	1	1	21.50	21.50	21.38		
Channel				500500	507000	513500	21.0	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.43	21.48	21.37	21.0	0.0
Channel				501500	507000	512500		
Frequency (MHz)				2507.5	2535	2562.5		

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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				502000	507000	512000	20.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.76	19.93	19.77	20.5	0.0
20	PI/2 BPSK	1	53	19.81	19.81	19.83		
20	PI/2 BPSK	1	104	19.79	19.91	19.80	20.5	0.0
20	PI/2 BPSK	50	0	19.74	19.88	19.88		
20	PI/2 BPSK	50	28	19.75	19.91	19.76	20.5	0.0
20	PI/2 BPSK	50	56	19.83	19.92	19.83		
20	PI/2 BPSK	100	0	19.81	19.91	19.76	20.5	0.0
20	QPSK	1	1	19.88	19.92	19.89		
20	QPSK	1	53	19.73	19.90	19.82	20.5	0.0
20	QPSK	1	104	19.84	19.87	19.75		
20	QPSK	50	0	19.79	19.90	19.81	20.5	0.0
20	QPSK	50	28	19.84	19.93	19.88		
20	QPSK	50	56	19.73	19.80	19.79	20.5	0.0
20	QPSK	100	0	19.82	19.88	19.81		
20	16QAM	1	1	19.84	19.81	19.85	20.5	0.0
20	16QAM	1	1	19.87	19.81	19.79		
20	256QAM	1	1	19.04	19.15	19.08	20.5	0.0
Channel				501500	507000	512500	20.5	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.77	19.88	19.75	20.5	0.0
Channel				501000	507000	513000		
Frequency (MHz)				2505	2535	2565	20.5	0.0
10	QPSK	1	1	19.85	19.89	19.84		
Channel				500500	507000	513500	20.5	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.81	19.82	19.76	20.5	0.0
Channel				501500	507000	512500		
Frequency (MHz)				2507.5	2535	2562.5		

n12_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				141350	141500	141700	25.0	0.0
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.32	23.51	23.41	25.0	0.0
15	PI/2 BPSK	1	19	23.27	23.48	23.35		
15	PI/2 BPSK	1	36	23.32	23.40	23.25	24.5	0.5
15	PI/2 BPSK	18	0	23.33	23.40	23.25		
15	PI/2 BPSK	18	10	23.47	23.52	23.40	24.5	0.5
15	PI/2 BPSK	18	20	23.33	23.52	23.37		
15	PI/2 BPSK	36	0	23.35	23.51	23.31	25.0	0.0
15	QPSK	1	1	23.43	23.55	23.53		
15	QPSK	1	19	23.31	23.44	23.28	24.0	1.0
15	QPSK	1	36	23.31	23.50	23.35		
15	QPSK	18	0	22.95	23.03	22.92	25.0	0.0
15	QPSK	18	10	23.43	23.51	23.44		
15	QPSK	18	20	22.94	23.00	22.86	24.0	1.0
15	QPSK	36	0	22.99	23.04	22.96		
15	16QAM	1	1	22.98	23.12	22.99	24.0	1.0
15	16QAM	1	1	21.27	21.31	21.18		
15	256QAM	1	1	19.55	19.61	19.42	20.5	4.5
Channel				140800	141500	142200	25.0	0.0
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.37	23.45	23.43	25.0	0.0
Channel				140350	141500	142100		
Frequency (MHz)				701.5	707.5	713.5	25.0	0.0
5	QPSK	1	1	23.30	23.43	23.46		

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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				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	PI/2 BPSK	1	1	23.25	23.38	23.28	25.0	0.0	
15	PI/2 BPSK	1	19	23.22	23.43	23.28			
15	PI/2 BPSK	1	36	23.26	23.29	23.20			
15	PI/2 BPSK	18	0	23.18	23.33	23.15	24.5	0.5	
15	PI/2 BPSK	18	10	23.36	23.42	23.31	25.0	0.0	
15	PI/2 BPSK	18	20	23.22	23.40	23.30	24.5	0.5	
15	PI/2 BPSK	36	0	23.28	23.37	23.16			
15	QPSK	1	1	23.37	23.48	23.34			
15	QPSK	1	19	23.29	23.38	23.13	25.0	0.0	
15	QPSK	1	36	23.23	23.44	23.30	24.0	1.0	
15	QPSK	18	0	22.86	22.90	22.87			
15	QPSK	18	10	23.28	23.44	23.38			
15	QPSK	18	20	22.83	22.90	22.79	24.0	1.0	
15	QPSK	36	0	22.91	22.99	22.82			
15	16QAM	1	1	22.62	22.99	22.85	24.0	1.0	
15	64QAM	1	1	21.19	21.18	21.03	22.5	2.5	
15	256QAM	1	1	19.42	19.48	19.27	20.5	4.5	
Channel				140800	141600	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	23.37	23.48	23.44	25.0	0.0	
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	23.38	23.48	23.48	25.0	0.0	

n66_Ant 2									
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	346900	355000			
Frequency (MHz)				1725	1745	1765			
30	PI/2 BPSK	1	1	21.46	21.49	21.46	22.5	0.0	
30	PI/2 BPSK	1	39	21.37	21.54	21.45			
30	PI/2 BPSK	1	76	21.41	21.47	21.43			
30	PI/2 BPSK	36	0	21.45	21.56	21.39	22.5	0.0	
30	PI/2 BPSK	36	21	21.48	21.44	21.39	22.5	0.0	
30	PI/2 BPSK	36	42	21.45	21.47	21.42	22.5	0.0	
30	PI/2 BPSK	75	0	21.39	21.46	21.41			
30	QPSK	1	1	21.50	21.57	21.52			
30	QPSK	1	39	21.42	21.42	21.43	22.5	0.0	
30	QPSK	1	76	21.46	21.48	21.46	22.5	0.0	
30	QPSK	36	0	21.43	21.42	21.46			
30	QPSK	36	21	21.45	21.54	21.50			
30	QPSK	36	42	21.37	21.44	21.42	22.5	0.0	
30	QPSK	75	0	21.44	21.52	21.40			
30	16QAM	1	1	21.48	21.52	21.47	22.5	0.0	
30	64QAM	1	1	20.62	20.69	20.58	22.0	0.5	
30	256QAM	1	1	19.30	19.38	19.33	20.0	2.5	
Channel				346000	346900	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	21.42	21.56	21.37	22.5	0.0	
Channel				345500	346900	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	21.45	21.47	21.39	22.5	0.0	
Channel				343000	346000	350000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	21.43	21.42	21.43	22.5	0.0	
Channel				342500	345500	352500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	21.41	21.44	21.41	22.5	0.0	

n66_Ant 3									
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				343000	348000	353000	1725	1745	
Frequency (MHz)						1765			
30	PI2 BPSK	1	1	21.51	21.55	21.51	22.5	0.0	
30	PI2 BPSK	1	39	21.52	21.61	21.48			
30	PI2 BPSK	1	76	21.47	21.55	21.43			
30	PI2 BPSK	36	0	21.53	21.49	21.49	22.5	0.0	
30	PI2 BPSK	36	21	21.43	21.56	21.42	22.5	0.0	
30	PI2 BPSK	36	42	21.55	21.55	21.52	22.5	0.0	
30	PI2 BPSK	75	0	21.43	21.61	21.45			
30	QPSK	1	1	21.56	21.63	21.50			
30	QPSK	1	39	21.53	21.56	21.54	22.5	0.0	
30	QPSK	1	76	21.55	21.51	21.48	22.5	0.0	
30	QPSK	36	0	21.54	21.54	21.46			
30	QPSK	36	21	21.56	21.60	21.52			
30	QPSK	36	42	21.49	21.55	21.47	22.5	0.0	
30	QPSK	75	0	21.46	21.59	21.46			
30	16QAM	1	1	21.54	21.51	21.53	22.5	0.0	
30	64QAM	1	1	21.37	21.50	21.38	22.0	0.5	
30	256QAM	1	1	19.88	20.00	19.89	20.0	2.5	
Channel				344000	349000	354000	1720	1745	
Frequency (MHz)						1770			
20	QPSK	1	1	21.57	21.50	21.51	22.5	0.0	
Channel				345000	349000	354000	1717.5	1745	
Frequency (MHz)						1772.5			
15	QPSK	1	1	21.52	21.55	21.54	22.5	0.0	
Channel				343000	349000	355000	1715	1745	
Frequency (MHz)						1775			
10	QPSK	1	1	21.43	21.50	21.50	22.5	0.0	
Channel				342500	349000	355000	1712.5	1745	
Frequency (MHz)						1777.5			
5	QPSK	1	1	21.51	21.61	21.48	22.5	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				343000	349000	353000	1725	1745	
Frequency (MHz)						1765			
30	PI2 BPSK	1	1	21.45	21.51	21.48	22.5	0.0	
30	PI2 BPSK	1	39	21.46	21.54	21.40			
30	PI2 BPSK	1	76	21.50	21.57	21.44			
30	PI2 BPSK	36	0	21.46	21.50	21.40	22.5	0.0	
30	PI2 BPSK	36	21	21.51	21.53	21.35	22.5	0.0	
30	PI2 BPSK	36	42	21.52	21.56	21.36	22.5	0.0	
30	PI2 BPSK	75	0	21.48	21.52	21.46			
30	QPSK	1	1	21.55	21.60	21.50			
30	QPSK	1	39	21.46	21.58	21.48	22.5	0.0	
30	QPSK	1	76	21.50	21.47	21.45	22.5	0.0	
30	QPSK	36	0	21.51	21.48	21.47			
30	QPSK	36	21	21.53	21.58	21.49			
30	QPSK	36	42	21.44	21.51	21.42	22.5	0.0	
30	QPSK	75	0	21.50	21.55	21.44			
30	16QAM	1	1	21.47	21.53	21.37	22.5	0.0	
30	64QAM	1	1	20.65	20.79	20.66	22.0	0.5	
30	256QAM	1	1	19.19	19.25	19.16	20.0	2.5	
Channel				344000	349000	354000	1720	1745	
Frequency (MHz)						1770			
20	QPSK	1	1	21.42	21.56	21.49	22.5	0.0	
Channel				343500	349000	354000	1717.5	1745	
Frequency (MHz)						1772.5			
15	QPSK	1	1	21.50	21.53	21.40	22.5	0.0	
Channel				343000	349000	355000	1715	1745	
Frequency (MHz)						1775			
10	QPSK	1	1	21.54	21.58	21.40	22.5	0.0	
Channel				342500	349000	355000	1712.5	1745	
Frequency (MHz)						1777.5			
5	QPSK	1	1	21.49	21.56	21.35	22.5	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	PI/2 BPSK	1	1	19.92	20.06	19.91	21.0	0.0
40	PI/2 BPSK	1	53	19.93	20.01	19.89		
40	PI/2 BPSK	1	104	20.05	20.05	19.96		
40	PI/2 BPSK	50	0	19.95	19.99	19.91		
40	PI/2 BPSK	50	28	20.02	20.02	19.99	21.0	0.0
40	PI/2 BPSK	50	56	19.92	20.04	19.95	21.0	0.0
40	PI/2 BPSK	100	0	20.01	20.05	19.98	21.0	0.0
40	QPSK	1	1	20.06	20.10	20.02		
40	QPSK	1	53	19.98	20.06	20.01		
40	QPSK	1	104	20.04	20.09	19.87		
40	QPSK	50	0	20.02	20.06	19.97	21.0	0.0
40	QPSK	50	28	20.05	20.08	19.98		
40	QPSK	50	56	20.03	19.96	19.91		
40	QPSK	100	0	20.02	20.04	19.90		
40	16QAM	1	1	19.98	20.07	20.00	21.0	0.0
40	64QAM	1	1	19.93	20.05	19.88	21.0	0.0
40	256QAM	1	1	18.85	18.94	18.88	20.0	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	20.02	19.97	19.95	21.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	19.96	19.98	19.95	21.0	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	PI/2 BPSK	1	1	20.07	20.05	19.91	21.5	0.0
40	PI/2 BPSK	1	53	19.98	20.03	19.95		
40	PI/2 BPSK	1	104	19.99	19.99	20.00		
40	PI/2 BPSK	50	0	19.97	20.09	20.00		
40	PI/2 BPSK	50	28	19.96	20.01	19.95	21.5	0.0
40	PI/2 BPSK	50	56	20.01	19.98	20.04	21.5	0.0
40	PI/2 BPSK	100	0	20.05	20.05	19.98	21.5	0.0
40	QPSK	1	1	20.06	20.11	20.05		
40	QPSK	1	53	20.00	20.05	19.93		
40	QPSK	1	104	19.99	19.96	20.03		
40	QPSK	50	0	20.02	20.00	19.95	21.5	0.0
40	QPSK	50	28	20.04	20.08	20.05		
40	QPSK	50	56	19.96	20.00	20.04		
40	QPSK	100	0	20.03	20.05	19.96		
40	16QAM	1	1	20.06	20.00	19.97	21.5	0.0
40	64QAM	1	1	19.93	20.06	20.05	21.5	0.0
40	256QAM	1	1	19.54	19.68	19.60	20.0	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	20.06	20.04	19.99	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	20.01	20.06	20.04	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.29	19.34	19.15	20.5	0.0
40	PI/2 BPSK	1	53	19.23	19.30	19.26		
40	PI/2 BPSK	1	104	19.23	19.25	19.17		
40	PI/2 BPSK	50	0	19.18	19.25	19.19		
40	PI/2 BPSK	50	28	19.18	19.34	19.17	20.5	0.0
40	PI/2 BPSK	50	56	19.28	19.34	19.24	20.5	0.0
40	PI/2 BPSK	100	0	19.28	19.21	19.27	20.5	0.0
40	QPSK	1	1	19.30	19.35	19.28		
40	QPSK	1	53	19.25	19.28	19.20		
40	QPSK	1	104	19.19	19.29	19.28		
40	QPSK	50	0	19.19	19.29	19.25	20.5	0.0
40	QPSK	50	28	19.29	19.31	19.28		
40	QPSK	50	56	19.16	19.30	19.25		
40	QPSK	100	0	19.26	19.25	19.16		
40	16QAM	1	1	19.26	19.28	19.28	20.5	0.0
40	64QAM	1	1	19.22	19.27	19.28	20.5	0.0
40	256QAM	1	1	18.77	18.88	18.81	20.0	0.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	19.29	19.23	19.29	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	19.22	19.21	19.28	20.5	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	21.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	19.88	19.99	20.00	21.0	0.0
100	PI2 BPSK	1	137	19.88	20.03	20.06		
100	PI2 BPSK	1	271	20.00	20.01	20.04	21.0	0.0
100	PI2 BPSK	135	0	20.02	20.02	19.98		
100	PI2 BPSK	135	69	19.90	19.98	20.01	21.0	0.0
100	PI2 BPSK	135	138	19.97	20.05	19.97		
100	PI2 BPSK	270	0	20.01	20.04	20.04	21.0	0.0
100	QPSK	1	1	20.03	20.13	20.06		
100	QPSK	1	137	19.94	20.02	20.07	21.0	0.0
100	QPSK	1	271	19.94	20.00	20.02		
100	QPSK	135	0	19.96	20.04	20.06	21.0	0.0
100	QPSK	135	69	19.95	20.12	19.99		
100	QPSK	135	138	19.94	20.10	19.97	21.0	0.0
100	QPSK	270	0	19.90	20.00	19.95		
100	16QAM	1	1	19.92	20.11	20.03	21.0	0.0
100	64QAM	1	1	19.88	20.01	20.01		
100	256QAM	1	1	19.96	20.06	19.93	21.0	0.0
Channel				506200	518598	528998		
Frequency (MHz)				2541	2592.99	2644.98	21.0	0.0
80	QPSK	1	1	19.96	20.05	20.04		
Channel				507204	518598	529998	21.0	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.95	19.99	20.05	21.0	0.0
Channel				506202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655	21.0	0.0
70	QPSK	1	1	19.88	20.07	19.96		
Channel				505200	518598	531998	21.0	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.96	20.01	20.03	21.0	0.0
Channel				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99	21.0	0.0
50	QPSK	1	1	20.01	20.04	19.94		
Channel				503202	518598	534000	21.0	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.96	20.11	19.93	21.0	0.0
Channel				502200	518598	535000		
Frequency (MHz)				2511	2592.99	2674.98	21.0	0.0
30	QPSK	1	1	20.01	20.03	20.04		
Channel				501204	518598	535998	21.0	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.01	20.10	19.98	21.0	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	21.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	19.88	19.99	20.00	21.0	0.0
100	PI2 BPSK	1	137	19.88	20.03	20.06		
100	PI2 BPSK	1	271	20.00	20.01	20.04	21.0	0.0
100	PI2 BPSK	135	0	20.02	20.02	19.98		
100	PI2 BPSK	135	69	19.90	19.98	20.01	21.0	0.0
100	PI2 BPSK	135	138	19.97	20.05	19.97		
100	PI2 BPSK	270	0	20.01	20.04	20.04	21.0	0.0
100	QPSK	1	1	20.03	20.13	20.06		
100	QPSK	1	137	19.94	20.02	20.07	21.0	0.0
100	QPSK	1	271	19.94	20.00	20.02		
100	QPSK	135	0	19.96	20.04	20.06	21.0	0.0
100	QPSK	135	69	19.95	20.12	19.99		
100	QPSK	135	138	19.94	20.10	19.97	21.0	0.0
100	QPSK	270	0	19.90	20.00	19.95		
100	16QAM	1	1	19.92	20.11	20.03	21.0	0.0
100	64QAM	1	1	19.88	20.01	20.01		
100	256QAM	1	1	19.96	20.06	19.93	21.0	0.0
Channel				508200	518598	528998		
Frequency (MHz)				2541	2592.99	2644.98	21.0	0.0
90	QPSK	1	1	19.98	20.05	20.04		
Channel				507204	518598	529998	21.0	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.95	19.99	20.05	21.0	0.0
Channel				506202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655	21.0	0.0
70	QPSK	1	1	19.88	20.07	19.96		
Channel				505200	518598	531998	21.0	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.96	20.01	20.03	21.0	0.0
Channel				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99	21.0	0.0
50	QPSK	1	1	20.01	20.04	19.94		
Channel				503202	518598	534000	21.0	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.96	20.11	19.93	21.0	0.0
Channel				502200	518598	535000		
Frequency (MHz)				2511	2592.99	2674.98	21.0	0.0
30	QPSK	1	1	20.01	20.03	20.04		
Channel				501204	518598	535998	21.0	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.01	20.10	19.98	21.0	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	21.5	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	20.06	20.09	20.11	21.5	0.0
100	PI2 BPSK	1	137	20.08	20.03	20.02		
100	PI2 BPSK	1	271	19.96	20.01	20.09	21.5	0.0
100	PI2 BPSK	135	0	19.97	20.05	20.11		
100	PI2 BPSK	135	69	19.95	20.04	20.04	21.5	0.0
100	PI2 BPSK	135	138	19.98	20.11	20.04		
100	PI2 BPSK	270	0	20.03	20.00	20.00	21.5	0.0
100	QPSK	1	1	20.10	20.15	20.12		
100	QPSK	1	137	20.00	20.02	20.06	21.5	0.0
100	QPSK	1	271	20.04	20.00	20.06		
100	QPSK	135	0	20.03	20.06	20.02	21.5	0.0
100	QPSK	135	69	20.08	20.13	20.11		
100	QPSK	135	138	19.96	20.08	20.03	21.5	0.0
100	QPSK	270	0	20.06	20.14	20.07		
100	16QAM	1	1	20.00	20.14	20.02	21.5	0.0
100	64QAM	1	1	20.01	20.02	19.98		
100	256QAM	1	1	20.08	20.10	20.06	21.0	0.5
Channel				508200	518598	528998	21.5	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.08	20.08	20.11	21.5	0.0
Channel				507204	518598	529998		
Frequency (MHz)				2536.02	2592.99	2649.99	21.5	MPR (dB)
80	QPSK	1	1	20.08	20.14	19.98		
Channel				506202	518598	531000	21.5	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.00	20.02	20.00	21.5	0.0
Channel				505200	518598	531998		
Frequency (MHz)				2526	2592.99	2659.98	21.5	MPR (dB)
60	QPSK	1	1	20.07	20.07	20.03		
Channel				504204	518598	532998	21.5	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.01	20.07	20.06	21.5	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670	21.5	MPR (dB)
40	QPSK	1	1	19.97	20.08	20.00		
Channel				502200	518598	534998	21.5	MPR (dB)
Frequency (MHz)				2511	2592.89	2674.88		
30	QPSK	1	1	20.07	20.06	20.08	21.5	0.0
Channel				501204	518598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99	21.5	MPR (dB)
20	QPSK	1	1	20.09	20.07	20.07		

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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	PI2 BPSK	1	1	20.06	20.09	20.11	21.5	0.0
100	PI2 BPSK	1	137	20.08	20.03	20.02		
100	PI2 BPSK	1	271	19.98	20.01	20.09		
100	PI2 BPSK	135	0	19.97	20.05	20.11	21.5	0.0
100	PI2 BPSK	135	69	19.95	20.04	20.04	21.5	0.0
100	PI2 BPSK	135	138	19.98	20.11	20.04	21.5	0.0
100	PI2 BPSK	270	0	20.03	20.00	20.00	21.5	0.0
100	QPSK	1	1	20.10	20.12	20.12		
100	QPSK	1	137	20.00	20.02	20.09		
100	QPSK	1	271	20.04	20.00	20.06	21.5	0.0
100	QPSK	135	0	20.03	20.08	20.02		
100	QPSK	135	69	20.08	20.13	20.11		
100	QPSK	135	138	19.96	20.08	20.03	21.5	0.0
100	QPSK	270	0	20.06	20.14	20.07		
100	16QAM	1	1	20.00	20.14	20.02		
100	64QAM	1	1	20.01	20.02	19.98	21.5	0.0
100	256QAM	1	1	20.08	20.10	20.06	21.0	0.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.08	20.03	20.11	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.08	20.14	19.98	21.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2531.01	2592.99	2645		
70	QPSK	1	1	20.00	20.02	20.00	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.07	20.07	20.03	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.01	20.07	20.06	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.97	20.08	20.00	21.5	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.07	20.06	20.06	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.09	20.07	20.07	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	19.22	19.35	19.26	20.5	0.0
100	PI2 BPSK	1	137	19.36	19.34	19.31		
100	PI2 BPSK	1	271	19.35	19.34	19.20		
100	PI2 BPSK	135	0	19.24	19.25	19.28	20.5	0.0
100	PI2 BPSK	135	69	19.35	19.35	19.23	20.5	0.0
100	PI2 BPSK	135	138	19.36	19.31	19.32	20.5	0.0
100	PI2 BPSK	270	0	19.31	19.37	19.23	20.5	0.0
100	QPSK	1	1	19.37	19.40	19.34		
100	QPSK	1	137	19.27	19.26	19.20		
100	QPSK	1	271	19.22	19.36	19.20	20.5	0.0
100	QPSK	135	0	19.25	19.35	19.32		
100	QPSK	135	69	19.30	19.38	19.33		
100	QPSK	135	138	19.22	19.28	19.26	20.5	0.0
100	QPSK	270	0	19.27	19.35	19.25		
100	16QAM	1	1	19.33	19.26	19.20		
100	64QAM	1	1	19.33	19.36	19.29	20.5	0.0
100	256QAM	1	1	19.23	19.32	19.26	20.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.23	19.29	19.26	20.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.25	19.32	19.22	20.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2531.01	2592.99	2645		
70	QPSK	1	1	19.23	19.33	19.22	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.26	19.26	19.24	20.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.29	19.28	19.22	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.23	19.36	19.30	20.5	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.28	19.27	19.19	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.25	19.37	19.27	20.5	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	PI2 BPSK	1	1	19.22	19.35	19.26	20.5	0.0
100	PI2 BPSK	1	137	19.36	19.34	19.31		
100	PI2 BPSK	1	271	19.35	19.34	19.20		
100	PI2 BPSK	135	0	19.24	19.25	19.28	20.5	0.0
100	PI2 BPSK	135	69	19.35	19.35	19.23	20.5	0.0
100	PI2 BPSK	135	138	19.36	19.31	19.32	20.5	0.0
100	PI2 BPSK	270	0	19.31	19.37	19.23	20.5	0.0
100	QPSK	1	1	19.37	19.40	19.34		
100	QPSK	1	137	19.27	19.26	19.20		
100	QPSK	1	271	19.22	19.36	19.20	20.5	0.0
100	QPSK	135	0	19.25	19.35	19.32		
100	QPSK	135	69	19.30	19.38	19.33		
100	QPSK	135	138	19.22	19.28	19.26	20.5	0.0
100	QPSK	270	0	19.27	19.35	19.25		
100	16QAM	1	1	19.33	19.26	19.20		
100	64QAM	1	1	19.33	19.36	19.29	20.5	0.0
100	256QAM	1	1	19.23	19.32	19.26	20.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.23	19.29	19.26	20.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.25	19.32	19.22	20.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2531.01	2592.99	2645		
70	QPSK	1	1	19.23	19.33	19.22	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.26	19.28	19.24	20.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.29	19.28	19.22	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.23	19.36	19.30	20.5	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.28	19.27	19.19	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.25	19.37	19.27	20.5	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.03	17.12	17.12	18.0	0.0
40	PI/2 BPSK	1	53	17.10	17.09	17.12		
40	PI/2 BPSK	1	104	17.06	17.19	17.00		
40	PI/2 BPSK	50	0	17.04	17.08	17.07		
40	PI/2 BPSK	50	28	17.05	17.11	17.02	18.0	0.0
40	PI/2 BPSK	50	56	17.03	17.16	17.04	18.0	0.0
40	PI/2 BPSK	100	0	17.09	17.14	17.00	18.0	0.0
40	QPSK	1	1	17.18	17.23	17.16		
40	QPSK	1	53	17.11	17.16	17.08		
40	QPSK	1	104	17.13	17.08	17.06		
40	QPSK	50	0	17.12	17.09	17.05	18.0	0.0
40	QPSK	50	28	17.16	17.21	17.16		
40	QPSK	50	56	17.05	17.15	17.13		
40	QPSK	100	0	17.12	17.17	17.11		
40	16QAM	1	1	17.06	17.20	17.11	18.0	0.0
40	64QAM	1	1	17.03	17.09	17.02	18.0	0.0
40	256QAM	1	1	17.14	17.11	17.01	18.0	0.0
Channel				637334	641666	646000		
Frequency (MHz)				3569.01	3624.99	3680		
20	QPSK	1	1	17.07	17.22	17.04	18.0	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				638000	641666	645332	19.5	0.0
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	18.56	18.53	18.55	19.5	0.0
40	PI/2 BPSK	1	53	18.50	18.52	18.50		
40	PI/2 BPSK	1	104	18.49	18.56	18.57		
40	PI/2 BPSK	50	0	18.56	18.57	18.52		
40	PI/2 BPSK	50	28	18.52	18.59	18.52	19.5	0.0
40	PI/2 BPSK	50	56	18.56	18.63	18.51	19.5	0.0
40	PI/2 BPSK	100	0	18.47	18.65	18.50	19.5	0.0
40	QPSK	1	1	18.59	18.56	18.61		
40	QPSK	1	53	18.57	18.56	18.57		
40	QPSK	1	104	18.54	18.53	18.46		
40	QPSK	50	0	18.50	18.60	18.54	19.5	0.0
40	QPSK	50	28	18.55	18.63	18.58		
40	QPSK	50	56	18.53	18.58	18.47		
40	QPSK	100	0	18.52	18.60	18.55		
40	16QAM	1	1	18.52	18.56	18.53	19.5	0.0
40	64QAM	1	1	18.57	18.56	18.49	19.5	0.0
40	256QAM	1	1	18.47	18.55	18.46	19.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3569.01	3624.99	3680	19.5	0.0
20	QPSK	1	1	18.47	18.54	18.58		

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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				638000	641666	645332	22.5	0.0
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.49	21.60	21.48	22.5	0.0
40	PI/2 BPSK	1	53	21.08	21.04	21.10		
40	PI/2 BPSK	1	104	21.44	21.57	21.46		
40	PI/2 BPSK	50	0	21.01	21.16	21.04		
40	PI/2 BPSK	50	28	20.96	21.05	20.94	22.5	0.0
40	PI/2 BPSK	50	56	20.89	21.02	20.93	22.5	0.0
40	PI/2 BPSK	100	0	20.99	21.09	20.97	22.5	0.0
40	QPSK	1	1	21.56	21.62	21.51		
40	QPSK	1	53	21.35	21.37	21.39		
40	QPSK	1	104	21.36	21.43	21.33		
40	QPSK	50	0	21.07	21.10	21.04	22.5	0.0
40	QPSK	50	28	21.25	21.28	21.17		
40	QPSK	50	56	21.21	21.20	21.12		
40	QPSK	100	0	20.94	21.00	20.88		
40	16QAM	1	1	21.25	21.32	21.25	22.5	0.0
40	64QAM	1	1	20.48	20.60	20.55	21.5	1.0
40	256QAM	1	1	18.93	18.99	18.94	20.0	2.5
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3569.01	3624.99	3690	22.5	0.0
20	QPSK	1	1	21.48	21.54	21.41		

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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				636000	641666	645332	21.5	0.0
Frequency (MHz)				3570	3624.99	3679.98		
40	PI2 BPSK	1	1	20.22	20.33	20.17		
40	PI2 BPSK	1	53	20.28	20.31	20.20		
40	PI2 BPSK	1	104	20.15	20.20	20.24	21.5	0.0
40	PI2 BPSK	50	0	20.20	20.31	20.19		
40	PI2 BPSK	50	28	20.24	20.22	20.16		
40	PI2 BPSK	50	56	20.15	20.21	20.19		
40	PI2 BPSK	100	0	20.29	20.32	20.24	21.5	0.0
40	QPSK	1	1	20.30	20.35	20.28		
40	QPSK	1	53	19.82	19.85	19.88		
40	QPSK	1	104	20.21	20.25	20.21		
40	QPSK	50	0	19.88	19.99	19.85	21.5	0.0
40	QPSK	50	28	20.25	20.34	20.14		
40	QPSK	50	56	19.83	19.75	19.66		
40	QPSK	100	0	20.13	20.20	20.15		
40	16QAM	1	1	20.20	20.34	20.21	21.5	0.0
40	64QAM	1	1	18.54	18.67	18.60	20.0	1.5
40	256QAM	1	1	17.55	17.58	17.52	18.0	3.5
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3680		
20	QPSK	1	1	20.23	20.29	20.24	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				640000	641666	643332	18.5	0.0
Frequency (MHz)				3600	3624.99	3649.98		
100	PI2 BPSK	1	1	17.45	17.46	17.39		
100	PI2 BPSK	1	137	17.36	17.43	17.42		
100	PI2 BPSK	1	271	17.35	17.41	17.43	18.5	0.0
100	PI2 BPSK	135	0	17.38	17.40	17.42		
100	PI2 BPSK	135	69	17.42	17.54	17.36		
100	PI2 BPSK	135	138	17.41	17.48	17.37		
100	PI2 BPSK	270	0	17.41	17.53	17.36	18.5	0.0
100	QPSK	1	1	17.46	17.55	17.59		
100	QPSK	1	137	17.42	17.43	17.37		
100	QPSK	1	271	17.37	17.50	17.37		
100	QPSK	135	0	17.42	17.41	17.39	18.5	0.0
100	QPSK	135	69	17.46	17.50	17.43		
100	QPSK	135	138	17.40	17.43	17.37		
100	QPSK	270	0	17.36	17.42	17.39		
100	16QAM	1	1	17.37	17.41	17.36	18.5	0.0
100	64QAM	1	1	17.44	17.50	17.38	18.5	0.0
100	256QAM	1	1	17.38	17.47	17.38	18.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	17.33	17.40	17.49	18.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	17.46	17.42	17.42	18.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	17.44	17.54	17.48	18.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	17.38	17.42	17.41	18.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3680		
20	QPSK	1	1	17.46	17.41	17.40	18.5	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				633332			18.5	0.0
Frequency (MHz)				3499.98				
100	PI2 BPSK	1	1		17.46			
100	PI2 BPSK	1	137		17.38			
100	PI2 BPSK	1	271		17.39		18.5	0.0
100	PI2 BPSK	135	0		17.40			
100	PI2 BPSK	135	69		17.46			
100	PI2 BPSK	135	138		17.43			
100	PI2 BPSK	270	0		17.40		18.5	0.0
100	QPSK	1	1		17.46			
100	QPSK	1	137		17.35			
100	QPSK	1	271		17.42			
100	QPSK	135	0		17.40		18.5	0.0
100	QPSK	135	69		17.45			
100	QPSK	135	138		17.39			
100	QPSK	270	0		17.35			
100	16QAM	1	1		17.43		18.5	0.0
100	64QAM	1	1		17.33		18.5	0.0
100	256QAM	1	1		17.47		18.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3489.02	3499.98	3510		
80	QPSK	1	1	17.44	17.39	17.35	18.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.45	17.41	17.37	18.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3473.01	3499.98	3529.98		
40	QPSK	1	1	17.44	17.41	17.34	18.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.38	17.37	17.37	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.35	17.38	17.42	18.5	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				650000	656000	662000	18.5	0.0
Frequency (MHz)				3760	3840	3930		
100	PI/2 BPSK	1	1	17.29	17.28	17.23		
100	PI/2 BPSK	1	137	17.33	17.28	17.18	18.5	0.0
100	PI/2 BPSK	1	271	17.27	17.27	17.29		
100	PI/2 BPSK	135	0	17.25	17.29	17.21		
100	PI/2 BPSK	135	69	17.33	17.30	17.21	18.5	0.0
100	PI/2 BPSK	135	138	17.28	17.25	17.28	18.5	0.0
100	PI/2 BPSK	270	0	17.31	17.29	17.21	18.5	0.0
100	QPSK	1	1	17.26	17.26	17.30		
100	QPSK	1	137	17.27	17.37	17.15		
100	QPSK	1	271	17.34	17.38	17.17	18.5	0.0
100	QPSK	135	0	17.34	17.31	17.23		
100	QPSK	135	69	17.35	17.37	17.25		
100	QPSK	135	138	17.29	17.33	17.17	18.5	0.0
100	QPSK	270	0	17.24	17.34	17.18		
100	16QAM	1	1	17.21	17.38	17.18		
100	64QAM	1	1	17.32	17.30	17.19	18.5	0.0
100	256QAM	1	1	17.27	17.38	17.21	18.5	0.0
Channel				648334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3928.98	(dBm)	(dB)
80	QPSK	1	1	17.30	17.29	17.26	18.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	17.31	17.32	17.22	18.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	17.22	17.33	17.18	18.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	17.30	17.33	17.20	18.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.98	(dBm)	(dB)
20	QPSK	1	1	17.33	17.32	17.27	18.5	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				640000	641666	643332	20.0	0.0
Frequency (MHz)				3600	3624.99	3648.98		
100	PI/2 BPSK	1	1	19.35	19.35	19.27		
100	PI/2 BPSK	1	137	19.38	19.42	19.32	20.0	0.0
100	PI/2 BPSK	1	271	19.39	19.35	19.36		
100	PI/2 BPSK	135	0	19.28	19.45	19.30		
100	PI/2 BPSK	135	69	19.25	19.43	19.32	20.0	0.0
100	PI/2 BPSK	135	138	19.29	19.32	19.27	20.0	0.0
100	PI/2 BPSK	270	0	19.31	19.41	19.35	20.0	0.0
100	QPSK	1	1	19.40	19.47	19.42		
100	QPSK	1	137	19.36	19.38	19.29		
100	QPSK	1	271	19.35	19.43	19.33	20.0	0.0
100	QPSK	135	0	19.29	19.40	19.40		
100	QPSK	135	69	19.38	19.45	19.41		
100	QPSK	135	138	19.34	19.32	19.39	20.0	0.0
100	QPSK	270	0	19.25	19.41	19.31		
100	16QAM	1	1	19.28	19.38	19.40		
100	64QAM	1	1	19.28	19.38	19.38	20.0	0.0
100	256QAM	1	1	19.36	19.42	19.32	20.0	0.0
Channel				639334	641666	644000	Tune-up limit	MPR
Frequency (MHz)				3600.01	3624.99	3650	(dBm)	(dB)
80	QPSK	1	1	19.20	19.38	19.39	20.0	0.0
Channel				638668	641666	644666	Tune-up limit	MPR
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)	(dB)
60	QPSK	1	1	19.36	19.36	19.30	20.0	0.0
Channel				638000	641666	645332	Tune-up limit	MPR
Frequency (MHz)				3570	3624.99	3678.98	(dBm)	(dB)
40	QPSK	1	1	19.28	19.39	19.28	20.0	0.0
Channel				637668	641666	645666	Tune-up limit	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)	(dB)
30	QPSK	1	1	19.25	19.43	19.37	20.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)
20	QPSK	1	1	19.29	19.41	19.28	20.0	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				633332	633332	633332	20.0	0.0
Frequency (MHz)				3499.98	3499.98	3499.98		
100	PI/2 BPSK	1	1	19.19	19.19	19.19		
100	PI/2 BPSK	1	137	19.19	19.19	19.19	20.0	0.0
100	PI/2 BPSK	1	271	19.23	19.23	19.23		
100	PI/2 BPSK	135	0	19.23	19.23	19.23		
100	PI/2 BPSK	135	69	19.15	19.15	19.15	20.0	0.0
100	PI/2 BPSK	135	138	19.25	19.25	19.25	20.0	0.0
100	PI/2 BPSK	270	0	19.22	19.22	19.22	20.0	0.0
100	QPSK	1	1	19.24	19.24	19.24		
100	QPSK	1	137	19.17	19.17	19.17		
100	QPSK	1	271	19.25	19.25	19.25	20.0	0.0
100	QPSK	135	0	19.17	19.17	19.17		
100	QPSK	135	69	19.28	19.28	19.28		
100	QPSK	135	138	19.18	19.18	19.18	20.0	0.0
100	QPSK	270	0	19.18	19.18	19.18		
100	16QAM	1	1	19.21	19.21	19.21		
100	64QAM	1	1	19.16	19.16	19.16	20.0	0.0
100	256QAM	1	1	19.20	19.20	19.20	20.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	19.20	19.27	19.29	20.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.16	19.18	19.26	20.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3528.98	(dBm)	(dB)
40	QPSK	1	1	19.15	19.21	19.17	20.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.28	19.19	19.24	20.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	19.22	19.22	19.22	20.0	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				650000	650000	662000		
Frequency (MHz)				3760	3840	3930		
100	PI2 BPSK	1	1	19.20	19.30	19.16	20.0	0.0
100	PI2 BPSK	1	137	19.27	19.20	19.20		
100	PI2 BPSK	1	271	19.27	19.22	19.20	20.0	0.0
100	PI2 BPSK	135	0	19.18	19.22	19.18		
100	PI2 BPSK	135	69	19.15	19.23	19.17	20.0	0.0
100	PI2 BPSK	135	138	19.20	19.29	19.22		
100	PI2 BPSK	270	0	19.18	19.32	19.11	20.0	0.0
100	QPSK	1	1	19.26	19.30	19.25		
100	QPSK	1	137	19.24	19.32	19.18	20.0	0.0
100	QPSK	1	271	19.20	19.23	19.22		
100	QPSK	135	0	19.15	19.19	19.17	20.0	0.0
100	QPSK	135	69	19.22	19.31	19.24		
100	QPSK	135	138	19.17	19.30	19.20	20.0	0.0
100	QPSK	270	0	19.16	19.26	19.12		
100	16QAM	1	1	19.26	19.31	19.14	20.0	0.0
100	64QAM	1	1	19.19	19.23	19.21		
100	256QAM	1	1	19.27	19.29	19.14	20.0	0.0
Channel				649334	650000	662066		
Frequency (MHz)				3740.04	3840	3933.99	20.0	0.0
80	QPSK	1	1	19.25	19.20	19.17		
Channel				648668	650000	663332	20.0	0.0
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.14	19.19	19.22	20.0	0.0
Channel				648000	650000	664000		
Frequency (MHz)				3720	3840	3960	20.0	0.0
40	QPSK	1	1	19.15	19.27	19.24		
Channel				647668	650000	664332	20.0	0.0
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.22	19.27	19.22	20.0	0.0
Channel				647334	650000	664666		
Frequency (MHz)				3710.01	3840	3969.99	20.0	0.0
20	QPSK	1	1	19.14	19.27	19.16		

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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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI2 BPSK	1	1	19.33	19.39	19.34	20.0	0.0
100	PI2 BPSK	1	137	19.43	19.41	19.40		
100	PI2 BPSK	1	271	19.44	19.46	19.42	20.0	0.0
100	PI2 BPSK	135	0	19.40	19.37	19.41		
100	PI2 BPSK	135	69	19.31	19.35	19.33	20.0	0.0
100	PI2 BPSK	135	138	19.35	19.48	19.41		
100	PI2 BPSK	270	0	19.40	19.40	19.28	20.0	0.0
100	QPSK	1	1	19.46	19.50	19.43		
100	QPSK	1	137	19.31	19.41	19.32	20.0	0.0
100	QPSK	1	271	19.44	19.46	19.38		
100	QPSK	135	0	19.31	19.43	19.37	20.0	0.0
100	QPSK	135	69	19.42	19.47	19.40		
100	QPSK	135	138	19.41	19.43	19.30	20.0	0.0
100	QPSK	270	0	19.40	19.45	19.32		
100	16QAM	1	1	19.38	19.46	19.29	20.0	0.0
100	64QAM	1	1	19.43	19.43	19.34		
100	256QAM	1	1	19.10	19.20	18.07	20.0	0.5
Channel				638334	641666	644000		
Frequency (MHz)				3593.01	3624.99	3660	20.0	0.0
80	QPSK	1	1	19.38	19.46	19.30		
Channel				638668	641666	644666	20.0	0.0
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	19.31	19.41	19.35	20.0	0.0
Channel				638000	641666	645332		
Frequency (MHz)				3610	3624.99	3679.98	20.0	0.0
40	QPSK	1	1	19.42	19.45	19.32		
Channel				637668	641666	645666	20.0	0.0
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.41	19.41	19.28	20.0	0.0
Channel				637334	641666	646000		
Frequency (MHz)				3560.01	3624.99	3690	20.0	0.0
20	QPSK	1	1	19.39	19.49	19.42		

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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				633332				
Frequency (MHz)				3499.98				
100	PI2 BPSK	1	1		19.31		20.0	0.0
100	PI2 BPSK	1	137		19.34			
100	PI2 BPSK	1	271		19.24		20.0	0.0
100	PI2 BPSK	135	0		19.35			
100	PI2 BPSK	135	69		19.30		20.0	0.0
100	PI2 BPSK	135	138		19.24			
100	PI2 BPSK	270	0		19.34		20.0	0.0
100	QPSK	1	1		19.36			
100	QPSK	1	137		19.35		20.0	0.0
100	QPSK	1	271		19.27			
100	QPSK	135	0		19.25		20.0	0.0
100	QPSK	135	69		19.35			
100	QPSK	135	138		19.31		20.0	0.0
100	QPSK	270	0		19.25			
100	16QAM	1	1		19.23		20.0	0.0
100	64QAM	1	1		19.34			
100	256QAM	1	1		18.14		19.5	0.5
Channel				632668	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	19.25	19.37	19.32	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99	20.0	0.0
60	QPSK	1	1	19.26	19.32	19.25	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	20.0	0.0
40	QPSK	1	1	19.28	19.27	19.27	20.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	20.0	0.0
30	QPSK	1	1	19.34	19.30	19.35	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	20.0	0.0
20	QPSK	1	1	19.33	19.31	19.26	20.0	0.0

Part270_n77_Ant 5									
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				650000	650000	662000	20.0	0.0	
Frequency (MHz)				3760	3840	3920			
100	PI2 BPSK	1	1	19.28	19.32	19.24			
100	PI2 BPSK	1	137	19.28	19.31	19.26	20.0	0.0	
100	PI2 BPSK	1	221	19.30	19.32	19.25			
100	PI2 BPSK	135	0	19.32	19.43	19.36			
100	PI2 BPSK	135	69	19.38	19.37	19.28	20.0	0.0	
100	PI2 BPSK	135	138	19.26	19.39	19.25			
100	PI2 BPSK	270	0	19.38	19.30	19.29			
100	QPSK	1	1	19.28	19.43	19.37	20.0	0.0	
100	QPSK	1	137	19.29	19.32	19.24			
100	QPSK	1	271	19.37	19.44	19.34			
100	QPSK	135	0	19.31	19.32	19.28	20.0	0.0	
100	QPSK	135	69	19.35	19.40	19.33			
100	QPSK	135	138	19.25	19.32	19.31			
100	QPSK	270	0	19.32	19.35	19.30	20.0	0.0	
100	16QAM	1	1	19.32	19.33	19.25			
100	64QAM	1	1	19.31	19.40	19.26		19.5	
100	256QAM	1	1	17.97	18.14	17.99			
Channel				649334	650000	662066	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.01	3840	3949.99			
80	QPSK	1	1	19.35	19.37	19.36		0.0	
Channel				648668	650000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1	19.32	19.44	19.31		0.0	
Channel				649000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	19.35	19.34	19.29		0.0	
Channel				647668	650000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.98			
30	QPSK	1	1	19.33	19.32	19.29		0.0	
Channel				647334	650000	664666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1	19.33	19.40	19.34		20.0	

Part96_n77_Ant 6									
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				640000	641666	643332	18.0	0.0	
Frequency (MHz)				3600	3624.99	3649.98			
100	PI2 BPSK	1	1	17.25	17.20	17.15			
100	PI2 BPSK	1	137	17.13	17.20	17.15	18.0	0.0	
100	PI2 BPSK	1	221	17.15	17.25	17.10			
100	PI2 BPSK	135	0	17.17	17.28	17.07			
100	PI2 BPSK	135	69	17.15	17.16	17.21	18.0	0.0	
100	PI2 BPSK	135	138	17.11	17.28	17.16			
100	PI2 BPSK	270	0	17.13	17.22	17.13			
100	QPSK	1	1	17.26	17.36	17.22	18.0	0.0	
100	QPSK	1	137	17.22	17.16	17.17			
100	QPSK	1	271	17.23	17.24	17.20			
100	QPSK	135	0	17.22	17.18	17.10	18.0	0.0	
100	QPSK	135	69	17.20	17.24	17.17			
100	QPSK	135	138	17.17	17.15	17.07			
100	QPSK	270	0	17.10	17.20	17.15	18.0	0.0	
100	16QAM	1	1	17.15	17.27	17.14			
100	64QAM	1	1	17.25	17.18	17.18		18.0	
100	256QAM	1	1	17.19	17.27	17.07			
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	17.17	17.25	17.08		19.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	17.13	17.15	17.21		18.0	
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3679.98			
40	QPSK	1	1	17.19	17.18	17.11		18.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	17.14	17.20	17.19		18.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	17.14	17.28	17.13		18.0	

Par27Q_n77_Ant 6									
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				6333.32					
Frequency (MHz)				3499.98					
100	PI2 BPSK	1	1		17.11		18.0	0.0	
100	PI2 BPSK	1	137		17.16				
100	PI2 BPSK	1	271		17.08				
100	PI2 BPSK	135	0		17.14				
100	PI2 BPSK	135	69		17.18		18.0	0.0	
100	PI2 BPSK	135	138		17.07		18.0	0.0	
100	PI2 BPSK	270	0		17.17				
100	QPSK	1	1		17.22		18.0	0.0	
100	QPSK	1	137		17.07				
100	QPSK	1	271		17.10				
100	QPSK	135	0		17.16				
100	QPSK	135	69		17.19		18.0	0.0	
100	QPSK	135	138		17.14				
100	QPSK	270	0		17.16		18.0	0.0	
100	16QAM	1	1		17.21		18.0	0.0	
100	64QAM	1	1		17.13		18.0	0.0	
100	256QAM	1	1		17.10		18.0	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1		17.18	17.18	17.19	18.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1		17.16	17.11	17.16	18.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1		17.20	17.12	17.13	18.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1		17.08	17.13	17.16	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1		17.12	17.08	17.19	18.0	0.0

Part27O_n77_Ant 6								
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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI2 BPSK	1	1	17.08	17.21	17.04	18.0	0.0
100	PI2 BPSK	1	137	17.09	17.23	17.05		
100	PI2 BPSK	1	271	17.10	17.16	17.08		
100	PI2 BPSK	135	0	17.14	17.19	17.00		
100	PI2 BPSK	135	69	17.16	17.13	17.09	18.0	0.0
100	PI2 BPSK	135	138	17.10	17.18	17.03	18.0	0.0
100	PI2 BPSK	270	0	17.16	17.12	17.12		
100	QPSK	1	1	17.05	17.26	17.15	18.0	0.0
100	QPSK	1	137	17.05	17.11	17.08		
100	QPSK	1	271	17.05	17.14	17.14		
100	QPSK	135	0	17.06	17.13	17.12		
100	QPSK	135	69	17.07	17.15	17.09	18.0	0.0
100	QPSK	135	138	17.16	17.16	17.13		
100	QPSK	270	0	17.05	17.12	17.07	18.0	0.0
100	16QAM	1	1	17.10	17.11	17.07	18.0	0.0
100	64QAM	1	1	17.10	17.22	17.01	18.0	0.0
100	256QAM	1	1	17.04	17.13	17.05	18.0	0.0
Channel				649334	650000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	17.09	17.17	17.14	18.0	0.0
Channel				648668	650000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	17.05	17.16	17.09	18.0	0.0
Channel				648000	650000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	17.03	17.11	17.00	18.0	0.0
Channel				647668	650000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	17.06	17.21	17.08	18.0	0.0
Channel				647334	650000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	17.07	17.11	17.03	18.0	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				372000	376000	380000	20.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.84	18.94	18.83	20.0	0.0
20	PI/2 BPSK	1	53	18.81	18.87	18.76		
20	PI/2 BPSK	1	104	18.84	18.83	18.86	20.0	0.0
20	PI/2 BPSK	50	0	18.88	18.82	18.79		
20	PI/2 BPSK	50	28	18.81	18.91	18.83	20.0	0.0
20	PI/2 BPSK	50	56	18.82	18.85	18.75		
20	PI/2 BPSK	100	0	18.78	18.93	18.77	20.0	0.0
20	QPSK	1	1	18.90	18.95	18.88		
20	QPSK	1	53	18.77	18.84	18.83	20.0	0.0
20	QPSK	1	104	18.84	18.84	18.82		
20	QPSK	50	0	18.81	18.85	18.82	20.0	0.0
20	QPSK	50	28	18.80	18.88	18.84		
20	QPSK	50	56	18.85	18.85	18.77	20.0	0.0
20	QPSK	100	0	18.82	18.96	18.81		
20	16QAM	1	1	18.75	18.87	18.74	20.0	0.0
20	64QAM	1	1	18.81	18.80	18.82		
20	256QAM	1	1	18.85	18.90	18.87	20.0	0.0
Channel				371500	376000	380500		
Frequency (MHz)				1857.5	1880	1902.5	20.0	0.0
15	QPSK	1	1	18.81	18.92	18.79		
Channel				370500	376000	381000	20.0	0.0
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.80	18.90	18.79	20.0	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1852.5	1880	1907.5	20.0	0.0
5	QPSK	1	1	18.85	18.86	18.86		

Reduced Power Mode for DSI 9

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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				372000	376000	380000	22.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.76	20.94	20.78	22.0	0.0
20	PI/2 BPSK	1	53	20.78	20.87	20.79		
20	PI/2 BPSK	1	104	20.81	20.99	20.90	22.0	0.0
20	PI/2 BPSK	50	0	20.83	20.85	20.90		
20	PI/2 BPSK	50	28	20.78	20.96	20.79	22.0	0.0
20	PI/2 BPSK	50	56	20.85	20.95	20.85		
20	PI/2 BPSK	100	0	20.85	20.89	20.80	22.0	0.0
20	QPSK	1	1	20.90	21.00	20.93		
20	QPSK	1	53	20.75	20.87	20.90	22.0	0.0
20	QPSK	1	104	20.88	20.97	20.91		
20	QPSK	50	0	20.76	20.84	20.81	22.0	0.0
20	QPSK	50	28	20.85	20.98	20.89		
20	QPSK	50	56	20.81	20.88	20.78	22.0	0.0
20	QPSK	100	0	20.76	20.96	20.84		
20	16QAM	1	1	20.84	20.86	20.84	22.0	0.0
20	64QAM	1	1	20.85	20.86	20.86		
20	256QAM	1	1	19.97	19.18	19.04	20.0	2.0
Channel				371500	376000	380500		
Frequency (MHz)				1857.5	1880	1902.5	22.0	0.0
15	QPSK	1	1	20.78	20.99	20.81		
Channel				371000	376000	381000	22.0	0.0
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.87	20.96	20.88	22.0	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1852.5	1880	1907.5	22.0	0.0
5	QPSK	1	1	20.82	20.90	20.88		

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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				372000	376000	380000	20.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.85	18.88	18.80	20.0	0.0
20	PI/2 BPSK	1	53	18.65	18.83	18.51		
20	PI/2 BPSK	1	104	18.55	18.59	18.58	20.0	0.0
20	PI/2 BPSK	50	0	18.53	18.64	18.62		
20	PI/2 BPSK	50	28	18.58	18.55	18.56	20.0	0.0
20	PI/2 BPSK	50	56	18.58	18.55	18.49		
20	PI/2 BPSK	100	0	18.52	18.54	18.52	20.0	0.0
20	QPSK	1	1	18.65	18.69	18.63		
20	QPSK	1	53	18.57	18.64	18.58	20.0	0.0
20	QPSK	1	104	18.57	18.55	18.56		
20	QPSK	50	0	18.54	18.63	18.57	20.0	0.0
20	QPSK	50	28	18.60	18.67	18.61		
20	QPSK	50	56	18.57	18.62	18.56	20.0	0.0
20	QPSK	100	0	18.58	18.65	18.55		
20	16QAM	1	1	18.56	18.65	18.59	20.0	0.0
20	64QAM	1	1	18.53	18.55	18.58		
20	256QAM	1	1	18.53	18.66	18.57	20.0	0.0
Channel				371500	376000	380500		
Frequency (MHz)				1857.5	1880	1902.5	20.0	0.0
15	QPSK	1	1	18.55	18.66	18.53		
Channel				371000	376000	381000	20.0	0.0
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.55	18.55	18.49	20.0	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1852.5	1880	1907.5	20.0	0.0
5	QPSK	1	1	18.51	18.61	18.58		

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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				166300	167300	167600	25.0	0.0
Frequency (MHz)				834	836.5	836		
20	PI2 BPSK	1	1	23.47	23.58	23.47	25.0	0.0
20	PI2 BPSK	1	53	23.40	23.53	23.42		
20	PI2 BPSK	1	104	23.40	23.51	23.39	24.5	0.5
20	PI2 BPSK	50	0	23.41	23.55	23.40		
20	PI2 BPSK	50	28	23.53	23.60	23.54	24.5	0.0
20	PI2 BPSK	50	56	23.46	23.57	23.48		
20	PI2 BPSK	100	0	23.47	23.58	23.45	24.0	1.0
20	QPSK	1	1	23.54	23.63	23.58		
20	QPSK	1	53	23.42	23.52	23.39	24.0	0.0
20	QPSK	1	104	23.41	23.55	23.40		
20	QPSK	50	0	23.03	23.12	23.02	25.0	0.0
20	QPSK	50	28	23.50	23.62	23.55		
20	QPSK	50	56	23.00	23.10	23.00	24.0	1.0
20	QPSK	100	0	23.06	23.15	23.01		
20	16QAM	1	1	23.10	23.18	23.05	20.5	4.5
20	8QAM	1	1	21.33	21.40	21.32		
20	256QAM	1	1	19.65	19.70	19.55	25.0	0.0
Channel				166300	167300	168300		
Frequency (MHz)				831.5	836.5	841.5	25.0	0.0
15	QPSK	1	1	23.48	23.51	23.43		
Channel				166300	167300	168300	25.0	0.0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.41	23.55	23.53	25.0	0.0
Channel				166300	167300	168300		
Frequency (MHz)				826.5	836.5	846.5	25.0	0.0
5	QPSK	1	1	23.40	23.52	23.46		

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				166800	167300	167600	24.0	0.0
Frequency (MHz)				833	836.5	836		
20	PI2 BPSK	1	1	22.71	22.76	22.68	24.0	0.0
20	PI2 BPSK	1	53	22.62	22.75	22.72		
20	PI2 BPSK	1	104	22.72	22.67	22.63	24.0	0.0
20	PI2 BPSK	50	0	22.66	22.75	22.69		
20	PI2 BPSK	50	28	22.68	22.64	22.73	24.0	0.0
20	PI2 BPSK	50	56	22.62	22.71	22.65		
20	PI2 BPSK	100	0	22.67	22.76	22.62	24.0	0.0
20	QPSK	1	1	22.73	22.76	22.75		
20	QPSK	1	53	22.71	22.76	22.62	24.0	0.0
20	QPSK	1	104	22.70	22.74	22.66		
20	QPSK	50	0	22.69	22.67	22.65	24.0	0.0
20	QPSK	50	28	22.70	22.72	22.69		
20	QPSK	50	56	22.64	22.68	22.65	24.0	0.0
20	QPSK	100	0	22.59	22.71	22.65		
20	16QAM	1	1	22.71	22.75	22.72	20.5	3.5
20	8QAM	1	1	21.28	21.34	21.26		
20	256QAM	1	1	19.50	19.57	19.40	25.0	0.0
Channel				166300	167300	168300		
Frequency (MHz)				831.5	836.5	841.5	24.0	0.0
15	QPSK	1	1	23.16	23.26	23.14		
Channel				166300	167300	168300	24.0	0.0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.22	23.19	23.12	24.0	0.0
Channel				166300	167300	168300		
Frequency (MHz)				826.5	836.5	846.5	24.0	0.0
5	QPSK	1	1	23.20	23.20	23.19		

n7_Ant 2

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				502000	507000	512000	22.5	0.0
Frequency (MHz)				2505	2535	2560		
20	PI2 BPSK	1	1	21.67	21.81	21.78	22.5	0.0
20	PI2 BPSK	1	53	21.68	21.74	21.78		
20	PI2 BPSK	1	104	21.76	21.82	21.65	22.5	0.0
20	PI2 BPSK	50	0	21.75	21.74	21.71		
20	PI2 BPSK	50	28	21.63	21.80	21.69	22.5	0.0
20	PI2 BPSK	50	56	21.72	21.72	21.69		
20	PI2 BPSK	100	0	21.63	21.79	21.72	22.5	0.0
20	QPSK	1	1	21.77	21.84	21.80		
20	QPSK	1	53	21.76	21.81	21.69	22.5	0.0
20	QPSK	1	104	21.67	21.76	21.74		
20	QPSK	50	0	21.68	21.77	21.75	22.5	0.0
20	QPSK	50	28	21.76	21.80	21.75		
20	QPSK	50	56	21.75	21.78	21.75	22.5	0.0
20	QPSK	100	0	21.63	21.77	21.75		
20	16QAM	1	1	21.66	21.62	21.74	22.0	0.5
20	8QAM	1	1	20.54	20.78	20.57		
20	256QAM	1	1	19.28	19.37	19.27	25.0	2.5
Channel				501500	507000	512000		
Frequency (MHz)				2507.5	2535	2562.5	22.5	0.0
15	QPSK	1	1	21.69	21.76	21.71		
Channel				507000	507000	513000	22.5	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.68	21.82	21.68	22.5	0.0
Channel				506500	507000	513000		
Frequency (MHz)				2502.5	2535	2567.5	22.5	0.0
5	QPSK	1	1	21.70	21.69	21.69		

n7_Ant 3

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				502000	507000	512000	20.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.01	20.04	20.01	20.5	0.0
20	PI/2 BPSK	1	53	19.94	20.06	19.93		
20	PI/2 BPSK	1	104	20.00	19.96	19.97	20.5	0.0
20	PI/2 BPSK	50	0	19.96	20.06	19.92		
20	PI/2 BPSK	50	28	19.92	19.97	19.92	20.5	0.0
20	PI/2 BPSK	50	56	19.95	19.95	19.90		
20	PI/2 BPSK	100	0	19.98	19.97	20.04	20.5	0.0
20	QPSK	1	1	20.02	20.09	20.05		
20	QPSK	1	53	19.91	19.96	19.91	20.5	0.0
20	QPSK	1	104	19.96	19.96	19.93		
20	QPSK	50	0	19.96	20.01	19.91	20.5	0.0
20	QPSK	50	28	20.00	20.02	19.97		
20	QPSK	50	56	19.99	20.01	19.96	20.5	0.0
20	QPSK	100	0	19.95	20.00	19.94		
20	16QAM	1	1	19.88	20.00	19.90	20.5	0.0
20	64QAM	1	1	19.91	20.06	19.90		
20	256QAM	1	1	19.57	19.65	19.57	20.0	0.5
Channel				501500	507000	512500	20.5	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.88	20.08	20.00	20.5	0.0
Channel				501000	507000	513000		
Frequency (MHz)				2505	2535	2565	20.5	0.0
10	QPSK	1	1	19.93	19.95	20.00		
Channel				500500	507000	513500	20.5	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.91	20.04	20.02	20.5	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				502000	507000	512000	19.0	0.0
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.25	18.35	18.40	19.0	0.0
20	PI/2 BPSK	1	53	18.37	18.44	18.39		
20	PI/2 BPSK	1	104	18.36	18.35	18.41	19.0	0.0
20	PI/2 BPSK	50	0	18.24	18.32	18.37		
20	PI/2 BPSK	50	28	18.25	18.32	18.32	19.0	0.0
20	PI/2 BPSK	50	56	18.26	18.35	18.27		
20	PI/2 BPSK	100	0	18.32	18.34	18.35	19.0	0.0
20	QPSK	1	1	18.38	18.47	18.42		
20	QPSK	1	53	18.37	18.43	18.32	19.0	0.0
20	QPSK	1	104	18.29	18.38	18.33		
20	QPSK	50	0	18.23	18.43	18.31	19.0	0.0
20	QPSK	50	28	18.31	18.46	18.39		
20	QPSK	50	56	18.30	18.33	18.35	19.0	0.0
20	QPSK	100	0	18.30	18.39	18.27		
20	16QAM	1	1	18.29	18.35	18.36	19.0	0.0
20	64QAM	1	1	18.36	18.33	18.39		
20	256QAM	1	1	18.32	18.32	18.29	19.0	0.0
Channel				501500	507000	512500	19.0	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.32	18.37	18.36	19.0	0.0
Channel				501000	507000	513000		
Frequency (MHz)				2505	2535	2565	19.0	0.0
10	QPSK	1	1	18.34	18.37	18.38		
Channel				500500	507000	513500	19.0	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.30	18.33	18.40	19.0	0.0

n12_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				141350	141500	141700	25.0	0.0
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.32	23.51	23.41	25.0	0.0
15	PI/2 BPSK	1	19	23.27	23.48	23.35		
15	PI/2 BPSK	1	36	23.32	23.40	23.25	24.5	0.5
15	PI/2 BPSK	18	0	23.53	23.49	23.25		
15	PI/2 BPSK	18	10	23.47	23.52	23.40	24.5	0.5
15	PI/2 BPSK	18	20	23.33	23.52	23.37		
15	PI/2 BPSK	36	0	23.35	23.51	23.31	25.0	0.0
15	QPSK	1	1	23.43	23.55	23.53		
15	QPSK	1	19	23.31	23.44	23.28	24.0	1.0
15	QPSK	1	36	23.51	23.59	23.35		
15	QPSK	18	0	22.95	23.03	22.92	25.0	0.0
15	QPSK	18	10	23.43	23.51	23.44		
15	QPSK	18	20	22.94	23.00	22.86	24.0	1.0
15	QPSK	36	0	22.99	23.04	22.96		
15	16QAM	1	1	22.98	23.12	22.99	23.5	2.5
15	64QAM	1	1	21.27	21.31	21.18		
15	256QAM	1	1	19.55	19.61	19.42	20.5	4.5
Channel				140800	141500	142200	25.0	0.0
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.37	23.45	23.43	25.0	0.0
Channel				140350	141500	142100		
Frequency (MHz)				701.5	707.5	713.5	25.0	0.0
5	QPSK	1	1	23.30	23.43	23.46		

n12_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				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	PI/2 BPSK	1	1	21.86	21.92	21.93	23.5	0.0	
15	PI/2 BPSK	1	19	21.88	22.01	21.81			
15	PI/2 BPSK	1	36	21.85	21.99	21.87			
15	PI/2 BPSK	18	0	21.95	21.90	21.93	23.5	0.0	
15	PI/2 BPSK	18	10	21.84	22.03	21.94	23.5	0.0	
15	PI/2 BPSK	18	20	21.90	21.94	21.89	23.5	0.0	
15	PI/2 BPSK	36	0	21.92	21.93	21.88			
15	QPSK	1	1	21.99	22.05	21.96			
15	QPSK	1	19	21.91	21.91	21.95	23.5	0.0	
15	QPSK	1	36	21.88	21.98	21.88	23.5	0.0	
15	QPSK	18	0	21.90	21.98	21.90			
15	QPSK	18	10	21.95	22.00	21.93			
15	QPSK	18	20	21.88	21.99	21.81	23.5	0.0	
15	QPSK	36	0	21.91	21.97	21.85	23.5	0.0	
15	16QAM	1	1	21.94	22.01	21.88	23.5	0.0	
15	64QAM	1	1	21.19	21.18	21.03	22.5	1.0	
15	256QAM	1	1	19.42	19.48	19.27	20.5	3.0	
Channel				140800	141600	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	21.86	21.91	21.88	23.5	0.0	
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	21.94	21.90	21.93	23.5	0.0	

n66_Ant 2									
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				344000	349000	355000	20.5	0.0	
Frequency (MHz)				1725	1745	1765			
30	PI/2 BPSK	1	1	19.34	19.46	19.49			
30	PI/2 BPSK	1	39	19.40	19.56	19.42	20.5	0.0	
30	PI/2 BPSK	1	76	19.34	19.53	19.50			
30	PI/2 BPSK	36	0	19.47	19.47	19.50			
30	PI/2 BPSK	36	21	19.38	19.50	19.49	20.5	0.0	
30	PI/2 BPSK	36	42	19.36	19.55	19.46	20.5	0.0	
30	PI/2 BPSK	75	0	19.38	19.55	19.40			
30	QPSK	1	1	19.48	19.60	19.52			
30	QPSK	1	39	19.33	19.57	19.43	20.5	0.0	
30	QPSK	1	76	19.41	19.48	19.45	20.5	0.0	
30	QPSK	36	0	19.39	19.49	19.45			
30	QPSK	36	21	19.45	19.59	19.48			
30	QPSK	36	42	19.42	19.49	19.45	20.5	0.0	
30	QPSK	75	0	19.46	19.56	19.51	20.5	0.0	
30	16QAM	1	1	19.37	19.49	19.38	20.5	0.0	
30	64QAM	1	1	19.42	19.48	19.47	20.5	0.0	
30	256QAM	1	1	19.30	19.38	19.33	20.0	0.5	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	19.43	19.59	19.46	20.5	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	19.47	19.53	19.48	20.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	19.39	19.55	19.40	20.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	19.45	19.58	19.40	20.5	0.0	

n66_Ant 3									
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				343000	348000	353000	23.0	0.0	
Frequency (MHz)				1725	1745	1765			
30	PI2 BPSK	1	1	22.09	22.16	22.01			
30	PI2 BPSK	1	39	22.03	22.15	22.05	23.0	0.0	
30	PI2 BPSK	1	76	22.08	22.11	22.00			
30	PI2 BPSK	36	0	22.02	22.08	22.14			
30	PI2 BPSK	36	21	22.08	22.17	22.11	23.0	0.0	
30	PI2 BPSK	36	42	21.96	22.16	22.06			
30	PI2 BPSK	75	0	22.02	22.06	22.10			
30	QPSK	1	1	22.12	22.19	22.15	23.0	0.0	
30	QPSK	1	39	22.10	22.11	22.09			
30	QPSK	1	76	22.01	22.08	22.01			
30	QPSK	36	0	22.05	22.09	22.06	23.0	0.0	
30	QPSK	36	21	22.11	22.13	22.10			
30	QPSK	36	42	22.07	22.10	22.05			
30	QPSK	75	0	22.08	22.11	22.06	23.0	0.0	
30	16QAM	1	1	22.11	22.08	22.14			
30	64QAM	1	1	21.37	21.50	21.38		22.0	
30	256QAM	1	1	19.88	20.00	19.89	20.0	3.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	23.0	0.0	
20	QPSK	1	1	22.01	22.09	22.09			
Channel				343500	348500	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	23.0	0.0	
15	QPSK	1	1	22.08	22.12	22.04			
Channel				343000	348000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	23.0	0.0	
10	QPSK	1	1	22.00	22.11	22.11			
Channel				342500	347500	352500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	23.0	0.0	
5	QPSK	1	1	22.04	22.05	22.14			

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				343000	348000	353000	22.0	0.0	
Frequency (MHz)				1725	1745	1765			
30	PI2 BPSK	1	1	21.48	21.52	21.55			
30	PI2 BPSK	1	39	21.60	21.63	21.51	22.0	0.0	
30	PI2 BPSK	1	76	21.59	21.56	21.46			
30	PI2 BPSK	36	0	21.49	21.55	21.49			
30	PI2 BPSK	36	21	21.50	21.57	21.54	22.0	0.0	
30	PI2 BPSK	36	42	21.46	21.58	21.56			
30	PI2 BPSK	75	0	21.60	21.59	21.55			
30	QPSK	1	1	21.61	21.65	21.59	22.0	0.0	
30	QPSK	1	39	21.47	21.57	21.54			
30	QPSK	1	76	21.52	21.51	21.45			
30	QPSK	36	0	21.58	21.60	21.48	22.0	0.0	
30	QPSK	36	21	21.60	21.62	21.50			
30	QPSK	36	42	21.58	21.54	21.55			
30	QPSK	75	0	21.52	21.58	21.56	22.0	0.0	
30	16QAM	1	1	21.49	21.56	21.54			
30	64QAM	1	1	20.65	20.79	20.66		22.0	
30	256QAM	1	1	19.19	19.25	19.16	20.0	2.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	22.0	0.0	
20	QPSK	1	1	21.47	21.63	21.57			
Channel				343500	348500	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	22.0	0.0	
15	QPSK	1	1	21.46	21.63	21.55			
Channel				343000	348000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	22.0	0.0	
10	QPSK	1	1	21.53	21.64	21.43			
Channel				342500	347500	352500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	22.0	0.0	
5	QPSK	1	1	21.60	21.63	21.51			



n38_Ant 2

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	PI2 BPSK	1	1	20.82	20.98	20.95	22.0	0.0
40	PI2 BPSK	1	53	20.93	20.90	20.94		
40	PI2 BPSK	1	104	20.90	20.97	20.91		
40	PI2 BPSK	50	0	20.88	20.91	20.90		
40	PI2 BPSK	50	28	20.91	20.92	20.92	22.0	0.0
40	PI2 BPSK	50	56	20.90	20.92	20.89	22.0	0.0
40	PI2 BPSK	100	0	20.83	20.96	20.81	22.0	0.0
40	QPSK	1	1	20.95	21.08	20.96		
40	QPSK	1	53	20.92	20.97	20.88		
40	QPSK	1	104	20.91	20.89	20.94		
40	QPSK	50	0	20.89	20.88	20.88	22.0	0.0
40	QPSK	50	28	20.94	20.96	20.95		
40	QPSK	50	56	20.93	20.91	20.85		
40	QPSK	100	0	20.83	20.86	20.84		
40	16QAM	1	1	20.84	20.85	20.83	22.0	0.0
40	64QAM	1	1	20.47	20.53	20.44	22.0	0.0
40	256QAM	1	1	18.91	19.00	18.95	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	20.90	20.88	20.94		
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.87	20.89	20.89		

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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	PI2 BPSK	1	1	17.96	17.95	17.90	19.5	0.0
40	PI2 BPSK	1	53	17.82	17.89	17.96		
40	PI2 BPSK	1	104	18.00	17.97	17.93		
40	PI2 BPSK	50	0	17.99	18.03	17.92		
40	PI2 BPSK	50	28	17.96	17.97	18.02	19.5	0.0
40	PI2 BPSK	50	56	17.88	18.01	17.96	19.5	0.0
40	PI2 BPSK	100	0	17.98	18.03	17.97	19.5	0.0
40	QPSK	1	1	18.03	18.11	18.05		
40	QPSK	1	53	17.94	17.98	18.01		
40	QPSK	1	104	18.00	17.95	17.99		
40	QPSK	50	0	17.94	18.02	18.00	19.5	0.0
40	QPSK	50	28	17.98	18.05	18.02		
40	QPSK	50	56	17.93	18.02	17.93		
40	QPSK	100	0	17.88	18.03	17.97		
40	16QAM	1	1	17.89	18.09	17.92	19.5	0.0
40	64QAM	1	1	17.97	18.01	18.04	19.5	0.0
40	256QAM	1	1	17.88	18.08	18.01	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	17.88	18.06	17.96		
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.00	18.07	17.97		

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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	PI2 BPSK	1	1	18.15	18.21	18.13	19.5	0.0
40	PI2 BPSK	1	53	18.04	18.10	18.16		
40	PI2 BPSK	1	104	18.08	18.18	18.06		
40	PI2 BPSK	50	0	18.12	18.24	18.09		
40	PI2 BPSK	50	28	18.06	18.22	18.09	19.5	0.0
40	PI2 BPSK	50	56	18.12	18.17	18.13	19.5	0.0
40	PI2 BPSK	100	0	18.08	18.14	18.17	19.5	0.0
40	QPSK	1	1	18.17	18.25	18.21		
40	QPSK	1	53	18.04	18.11	18.08		
40	QPSK	1	104	18.14	18.18	18.06		
40	QPSK	50	0	18.06	18.20	18.18	19.5	0.0
40	QPSK	50	28	18.15	18.22	18.19		
40	QPSK	50	56	18.12	18.15	18.12		
40	QPSK	100	0	18.04	18.10	18.08		
40	16QAM	1	1	18.13	18.20	18.20	19.5	0.0
40	64QAM	1	1	18.04	18.11	18.13	19.5	0.0
40	256QAM	1	1	18.12	18.12	18.09	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	18.08	18.20	18.18		
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.08	18.11	18.17		

n41_Ant 2_PC3

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	PI2 BPSK	1	1	20.99	21.07	20.98	22.0	0.0
100	PI2 BPSK	1	137	20.95	21.04	20.94		
100	PI2 BPSK	1	271	21.01	21.02	21.02		
100	PI2 BPSK	135	0	20.91	20.99	21.04		
100	PI2 BPSK	135	69	20.91	21.02	21.01	22.0	0.0
100	PI2 BPSK	135	138	20.88	21.06	20.95	22.0	0.0
100	PI2 BPSK	270	0	20.98	21.03	20.92	22.0	0.0
100	QPSK	1	1	21.03	21.10	21.05		
100	QPSK	1	137	21.00	21.02	20.95		
100	QPSK	1	271	20.94	20.97	20.96		
100	QPSK	135	0	20.96	20.94	20.92	22.0	0.0
100	QPSK	135	69	20.97	20.99	20.96		
100	QPSK	135	138	20.90	20.98	20.94		
100	QPSK	270	0	20.96	21.02	21.00		
100	16QAM	1	1	20.95	21.02	20.93	22.0	0.0
100	64QAM	1	1	20.93	20.96	20.93	22.0	0.0
100	256QAM	1	1	19.96	20.06	19.93	21.0	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.90	21.03	21.03	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.98	21.02	21.04	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2531.01	2592.99	2645		
70	QPSK	1	1	20.90	20.99	21.04	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.92	21.05	20.99	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.01	21.04	21.01	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.99	21.04	20.99	22.0	0.0
Channel				502200	518598	535000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.97	21.08	21.03	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.02	21.00	20.92	22.0	0.0

n41_Ant 2_PC2

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	PI2 BPSK	1	1	20.99	21.07	20.98	22.0	0.0
100	PI2 BPSK	1	137	20.95	21.04	20.94		
100	PI2 BPSK	1	271	21.01	21.02	21.02		
100	PI2 BPSK	135	0	20.91	20.99	21.04		
100	PI2 BPSK	135	69	20.91	21.02	21.01	22.0	0.0
100	PI2 BPSK	135	138	20.88	21.06	20.95	22.0	0.0
100	PI2 BPSK	270	0	20.98	21.03	20.92	22.0	0.0
100	QPSK	1	1	21.03	21.10	21.05		
100	QPSK	1	137	21.00	21.02	20.95		
100	QPSK	1	271	20.94	20.97	20.96		
100	QPSK	135	0	20.96	20.94	20.92	22.0	0.0
100	QPSK	135	69	20.97	20.99	20.96		
100	QPSK	135	138	20.90	20.98	20.94		
100	QPSK	270	0	20.96	21.02	21.00		
100	16QAM	1	1	20.95	21.02	20.93	22.0	0.0
100	64QAM	1	1	20.93	20.96	20.93	22.0	0.0
100	256QAM	1	1	19.96	20.06	19.93	21.0	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.90	21.03	21.03	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.98	21.02	21.04	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2531.01	2592.99	2645		
70	QPSK	1	1	20.90	20.99	21.04	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.92	21.05	20.99	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.01	21.04	21.01	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.99	21.04	20.99	22.0	0.0
Channel				502200	518598	535000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.97	21.08	21.03	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.02	21.00	20.92	22.0	0.0

n41_Ant 3_PC3

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	PI2 BPSK	1	1	18.02	18.12	18.03	19.5	0.0
100	PI2 BPSK	1	137	18.00	18.06	17.99		
100	PI2 BPSK	1	271	18.12	18.05	18.00		
100	PI2 BPSK	135	0	18.06	18.15	17.98		
100	PI2 BPSK	135	69	18.02	18.19	18.05	19.5	0.0
100	PI2 BPSK	135	138	18.01	18.05	18.00	19.5	0.0
100	PI2 BPSK	270	0	18.02	18.11	18.01	19.5	0.0
100	QPSK	1	1	18.15	18.20	18.12		
100	QPSK	1	137	18.13	18.09	18.03		
100	QPSK	1	271	18.14	18.19	18.09		
100	QPSK	135	0	18.10	18.08	18.08	19.5	0.0
100	QPSK	135	69	18.13	18.18	18.10		
100	QPSK	135	138	18.05	18.16	18.02		
100	QPSK	270	0	18.12	18.10	18.06		
100	16QAM	1	1	18.04	18.05	18.00	19.5	0.0
100	64QAM	1	1	18.00	18.15	18.08	19.5	0.0
100	256QAM	1	1	18.08	18.07	18.00	19.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.11	18.10	17.96	19.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.06	18.08	18.00	19.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2531.01	2592.99	2645		
70	QPSK	1	1	18.12	18.06	18.00	19.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.03	18.18	17.98	19.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.13	18.08	18.04	19.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.02	18.17	18.02	19.5	0.0
Channel				502200	518598	535000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.06	18.12	18.10	19.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.03	18.13	18.11	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								
Frequency (MHz)				509202	518598	528000		
				2546.01	2592.99	2640		
100	PV2 BPSK	1	1	18.02	18.12	18.03	19.5	0.0
100	PV2 BPSK	1	137	18.00	18.06	17.99		
100	PV2 BPSK	1	221	18.12	18.05	18.00		
100	PV2 BPSK	135	0	18.06	18.15	17.98	19.5	0.0
100	PV2 BPSK	135	69	18.02	18.19	18.05	19.5	0.0
100	PV2 BPSK	135	138	18.01	18.05	18.06	19.5	0.0
100	PV2 BPSK	270	0	18.02	18.11	18.01	19.5	0.0
100	QPSK	1	1	18.10	18.21	18.12		
100	QPSK	1	137	18.13	18.09	18.03		
100	QPSK	1	271	18.14	18.19	18.08	19.5	0.0
100	QPSK	135	0	18.10	18.08	18.09		
100	QPSK	135	69	18.13	18.18	18.10		
100	QPSK	135	138	18.05	18.16	18.02	19.5	0.0
100	QPSK	270	0	18.12	18.15	18.06	19.5	0.0
100	16QAM	1	1	18.04	18.05	18.00	19.5	0.0
100	64QAM	1	1	18.00	18.15	18.08	19.5	0.0
100	256QAM	1	1	18.08	18.07	18.00	19.5	0.0
Channel								
Frequency (MHz)				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
				2541	2592.99	2644.88		
90	QPSK	1	1	18.11	18.10	17.99	19.5	0.0
Channel								
Frequency (MHz)				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.08	18.08	18.10	19.5	0.0
Channel								
Frequency (MHz)				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
				2531.01	2592.99	2655		
70	QPSK	1	1	18.12	18.05	18.00	19.5	0.0
Channel								
Frequency (MHz)				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
				2526	2592.99	2659.98		
60	QPSK	1	1	18.03	18.18	17.98	19.5	0.0
Channel								
Frequency (MHz)				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.13	18.08	18.04	19.5	0.0
Channel								
Frequency (MHz)				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
				2516.01	2592.99	2670		
40	QPSK	1	1	18.02	18.17	18.02	19.5	0.0
Channel								
Frequency (MHz)				502200	518598	535998	Tune-up limit (dBm)	MPR (dB)
				2511	2592.99	2674.98		
30	QPSK	1	1	18.06	18.12	18.10	19.5	0.0
Channel								
Frequency (MHz)				501204	518598	536998	Tune-up limit (dBm)	MPR (dB)
				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.03	18.13	18.11	19.5	0.0

n41_Ant 4_PC3

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)				508202	518598	528000		
				2546.01	2592.99	2640		
100	PV2 BPSK	1	1	18.22	18.35	18.21	19.5	0.0
100	PV2 BPSK	1	137	18.21	18.37	18.23		
100	PV2 BPSK	1	221	18.21	18.38	18.29		
100	PV2 BPSK	135	0	18.23	18.33	18.32	19.5	0.0
100	PV2 BPSK	135	69	18.18	18.29	18.25	19.5	0.0
100	PV2 BPSK	135	138	18.24	18.27	18.20	19.5	0.0
100	PV2 BPSK	270	0	18.30	18.29	18.31	19.5	0.0
100	QPSK	1	1	18.31	18.39	18.31		
100	QPSK	1	137	18.25	18.37	18.31		
100	QPSK	1	271	18.30	18.33	18.25	19.5	0.0
100	QPSK	135	0	18.22	18.28	18.28		
100	QPSK	135	69	18.27	18.30	18.29		
100	QPSK	135	138	18.25	18.25	18.22	19.5	0.0
100	QPSK	270	0	18.19	18.28	18.23	19.5	0.0
100	16QAM	1	1	18.18	18.31	18.22	19.5	0.0
100	64QAM	1	1	18.29	18.32	18.27	19.5	0.0
100	256QAM	1	1	18.26	18.27	18.22	19.5	0.0
Channel								
Frequency (MHz)				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
				2541	2592.99	2644.88		
90	QPSK	1	1	18.20	18.35	18.32	19.5	0.0
Channel								
Frequency (MHz)				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.19	18.26	18.25	19.5	0.0
Channel								
Frequency (MHz)				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
				2531.01	2592.99	2655		
70	QPSK	1	1	18.27	18.35	18.27	19.5	0.0
Channel								
Frequency (MHz)				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
				2526	2592.99	2659.98		
60	QPSK	1	1	18.18	18.28	18.27	19.5	0.0
Channel								
Frequency (MHz)				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.27	18.30	18.25	19.5	0.0
Channel								
Frequency (MHz)				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
				2516.01	2592.99	2670		
40	QPSK	1	1	18.21	18.32	18.26	19.5	0.0
Channel								
Frequency (MHz)				502200	518598	535998	Tune-up limit (dBm)	MPR (dB)
				2511	2592.99	2674.98		
30	QPSK	1	1	18.26	18.37	18.21	19.5	0.0
Channel								
Frequency (MHz)				501204	518598	536998	Tune-up limit (dBm)	MPR (dB)
				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.24	18.28	18.24	19.5	0.0

n41_Ant 4_PC2

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		
				2546.01	2592.99	2640		
100	PV2 BPSK	1	1	18.22	18.35	18.21	19.5	0.0
100	PV2 BPSK	1	137	18.21	18.37	18.23		
100	PV2 BPSK	1	271	18.21	18.36	18.28		
100	PV2 BPSK	135	0	18.23	18.33	18.32	19.5	0.0
100	PV2 BPSK	135	69	18.18	18.29	18.25	19.5	0.0
100	PV2 BPSK	135	138	18.24	18.27	18.20	19.5	0.0
100	PV2 BPSK	270	0	18.30	18.29	18.31	19.5	0.0
100	QPSK	1	1	18.31	18.39	18.31		
100	QPSK	1	137	18.25	18.37	18.31		
100	QPSK	1	271	18.30	18.33	18.25	19.5	0.0
100	QPSK	135	0	18.22	18.28	18.28		
100	QPSK	135	69	18.27	18.30	18.29		
100	QPSK	135	138	18.25	18.25	18.22	19.5	0.0
100	QPSK	270	0	18.19	18.28	18.23	19.5	0.0
100	16QAM	1	1	18.18	18.31	18.22	19.5	0.0
100	64QAM	1	1	18.29	18.32	18.27	19.5	0.0
100	256QAM	1	1	18.26	18.27	18.22	19.5	0.0
Channel								
Frequency (MHz)				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
				2541	2592.99	2644.98		
90	QPSK	1	1	18.20	18.35	18.32	19.5	0.0
Channel								
Frequency (MHz)				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.19	18.26	18.25	19.5	0.0
Channel								
Frequency (MHz)				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
				2531.01	2592.99	2655		
70	QPSK	1	1	18.27	18.35	18.27	19.5	0.0
Channel								
Frequency (MHz)				505204	518598	531998	Tune-up limit (dBm)	MPR (dB)
				2526	2592.99	2659.98		
60	QPSK	1	1	18.18	18.28	18.27	19.5	0.0
Channel								
Frequency (MHz)				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.27	18.30	18.25	19.5	0.0
Channel								
Frequency (MHz)				503202	518598	533998	Tune-up limit (dBm)	MPR (dB)
				2516.01	2592.99	2670		
40	QPSK	1	1	18.21	18.32	18.28	19.5	0.0
Channel								
Frequency (MHz)				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
				2511	2592.99	2674.98		
30	QPSK	1	1	18.26	18.37	18.24	19.5	0.0
Channel								
Frequency (MHz)				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.24	18.26	18.24	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI2 BPSK	1	1	17.59	17.68	17.58	18.5	0.0
40	PI2 BPSK	1	53	17.59	17.67	17.67		
40	PI2 BPSK	1	104	17.65	17.67	17.67		
40	PI2 BPSK	50	0	17.69	17.68	17.59	18.5	0.0
40	PI2 BPSK	50	28	17.67	17.67	17.56	18.5	0.0
40	PI2 BPSK	50	56	17.60	17.66	17.60	18.5	0.0
40	PI2 BPSK	100	0	17.63	17.68	17.55	18.5	0.0
40	QPSK	1	1	17.71	17.72	17.26		
40	QPSK	1	53	17.66	17.62	17.67		
40	QPSK	1	104	17.61	17.68	17.67	18.5	0.0
40	QPSK	50	0	17.67	17.68	17.54		
40	QPSK	50	28	17.69	17.70	17.66		
40	QPSK	50	56	17.60	17.65	17.61	18.5	0.0
40	QPSK	100	0	17.62	17.67	17.55		
40	16QAM	1	1	17.70	17.65	17.53		
40	64QAM	1	1	17.66	17.73	17.68	18.5	0.0
40	256QAM	1	1	17.64	17.63	17.58	18.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)
20	QPSK	1	1	17.62	17.67	17.54	18.5	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI2 BPSK	1	1	20.11	20.15	20.08	21.0	0.0
40	PI2 BPSK	1	53	19.98	20.14	20.12		
40	PI2 BPSK	1	104	20.06	20.08	20.03		
40	PI2 BPSK	50	0	20.01	20.07	20.00	21.0	0.0
40	PI2 BPSK	50	28	20.09	20.13	20.11	21.0	0.0
40	PI2 BPSK	50	56	20.10	20.08	20.07	21.0	0.0
40	PI2 BPSK	100	0	20.11	20.06	20.12	21.0	0.0
40	QPSK	1	1	20.12	20.16	20.15		
40	QPSK	1	53	20.11	20.06	20.10		
40	QPSK	1	104	20.05	20.06	20.00	21.0	0.0
40	QPSK	50	0	19.97	20.15	20.07		
40	QPSK	50	28	20.11	20.16	20.10		
40	QPSK	50	56	20.08	20.11	20.04	21.0	0.0
40	QPSK	100	0	20.02	20.13	20.07		
40	16QAM	1	1	20.10	20.06	20.13		
40	64QAM	1	1	20.01	20.05	20.08	21.0	0.0
40	256QAM	1	1	20.13	20.18	20.04	21.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)
20	QPSK	1	1	20.01	20.14	20.13	21.0	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI2 BPSK	1	1	21.49	21.60	21.48	22.5	0.0
40	PI2 BPSK	1	53	21.08	21.04	21.10		
40	PI2 BPSK	1	104	21.44	21.57	21.46		
40	PI2 BPSK	50	0	21.01	21.16	21.04	22.5	0.0
40	PI2 BPSK	50	28	20.96	21.05	20.94	22.5	0.0
40	PI2 BPSK	50	56	20.89	21.02	20.93	22.5	0.0
40	PI2 BPSK	100	0	20.99	21.09	20.97	22.5	0.0
40	QPSK	1	1	21.56	21.66	21.53		
40	QPSK	1	53	21.35	21.37	21.39		
40	QPSK	1	104	21.36	21.43	21.33	22.5	0.0
40	QPSK	50	0	21.07	21.10	21.04		
40	QPSK	50	28	21.25	21.28	21.17		
40	QPSK	50	56	21.21	21.20	21.12	22.5	0.0
40	QPSK	100	0	20.94	21.00	20.88		
40	16QAM	1	1	21.25	21.32	21.25		
40	64QAM	1	1	20.48	20.60	20.55	21.5	1.0
40	256QAM	1	1	18.93	18.99	18.94	20.0	2.5
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)
20	QPSK	1	1	21.48	21.54	21.41	22.5	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				636000	641666	645332	19.5	0.0
Frequency (MHz)				3670	3624.99	3679.98		
40	PI/2 BPSK	1	1	18.18	18.31	18.20		
40	PI/2 BPSK	1	53	18.23	18.40	18.23		
40	PI/2 BPSK	1	104	18.29	18.35	18.20	19.5	0.0
40	PI/2 BPSK	50	0	18.30	18.40	18.33		
40	PI/2 BPSK	50	28	18.22	18.36	18.28		
40	PI/2 BPSK	50	56	18.24	18.40	18.23		
40	PI/2 BPSK	100	0	18.31	18.27	18.33	19.5	0.0
40	QPSK	1	1	18.31	18.42	18.35		
40	QPSK	1	53	18.24	18.36	18.21		
40	QPSK	1	104	18.28	18.35	18.27		
40	QPSK	50	0	18.24	18.35	18.31	19.5	0.0
40	QPSK	50	28	18.29	18.38	18.33		
40	QPSK	50	56	18.19	18.32	18.30		
40	QPSK	100	0	18.19	18.35	18.24		
40	16QAM	1	1	18.27	18.35	18.25	19.5	0.0
40	64QAM	1	1	18.30	18.31	18.31		
40	256QAM	1	1	17.56	17.58	17.52		
Channel				637334	641666	646000	19.5	0.0
Frequency (MHz)				3680.01	3624.99	3690		
20	QPSK	1	1	18.23	18.34	18.21		

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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				640000	641666	643332	19.5	0.0
Frequency (MHz)				3600	3624.99	3648.98		
100	PI/2 BPSK	1	1	18.41	18.49	18.35		
100	PI/2 BPSK	1	137	18.42	18.51	18.44		
100	PI/2 BPSK	1	271	18.34	18.49	18.35	19.5	0.0
100	PI/2 BPSK	135	0	18.38	18.51	18.37		
100	PI/2 BPSK	135	69	18.34	18.44	18.49		
100	PI/2 BPSK	135	138	18.41	18.55	18.38		
100	PI/2 BPSK	270	0	18.42	18.45	18.49	19.5	0.0
100	QPSK	1	1	18.45	18.58	18.50		
100	QPSK	1	137	18.31	18.51	18.46		
100	QPSK	1	271	18.35	18.55	18.38		
100	QPSK	135	0	18.35	18.48	18.41	19.5	0.0
100	QPSK	135	69	18.42	18.54	18.46		
100	QPSK	135	138	18.38	18.52	18.38		
100	QPSK	270	0	18.35	18.53	18.38		
100	16QAM	1	1	18.44	18.49	18.38	19.5	0.0
100	64QAM	1	1	18.38	18.47	18.43		
100	256QAM	1	1	18.38	18.57	18.40		
Channel				639334	641666	644000	19.5	0.0
Frequency (MHz)				3680.01	3624.99	3690		
80	QPSK	1	1	18.44	18.57	18.39		
Channel				638668	641666	644666	19.5	0.0
Frequency (MHz)				3680.02	3624.99	3669.99		
60	QPSK	1	1	18.42	18.47	18.43		
Channel				638000	641666	645332	19.5	0.0
Frequency (MHz)				3670	3624.99	3679.98		
40	QPSK	1	1	18.44	18.54	18.48		
Channel				637668	641666	645666	19.5	0.0
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.41	18.49	18.48		
Channel				637334	641666	646000	19.5	0.0
Frequency (MHz)				3680.01	3624.99	3690		
20	QPSK	1	1	18.31	18.56	18.39		

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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				633332	633332	633332	19.5	0.0
Frequency (MHz)				3499.98	3499.98	3499.98		
100	PI/2 BPSK	1	1	18.35	18.35	18.35		
100	PI/2 BPSK	1	137	18.48	18.48	18.48		
100	PI/2 BPSK	1	271	18.44	18.44	18.44	19.5	0.0
100	PI/2 BPSK	135	0	18.49	18.49	18.49		
100	PI/2 BPSK	135	69	18.37	18.37	18.37		
100	PI/2 BPSK	135	138	18.38	18.38	18.38		
100	PI/2 BPSK	270	0	18.38	18.38	18.38	19.5	0.0
100	QPSK	1	1	18.50	18.50	18.50		
100	QPSK	1	137	18.37	18.37	18.37		
100	QPSK	1	271	18.43	18.43	18.43		
100	QPSK	135	0	18.44	18.44	18.44	19.5	0.0
100	QPSK	135	69	18.48	18.48	18.48		
100	QPSK	135	138	18.40	18.40	18.40		
100	QPSK	270	0	18.42	18.42	18.42		
100	16QAM	1	1	18.41	18.41	18.41	19.5	0.0
100	64QAM	1	1	18.43	18.43	18.43		
100	256QAM	1	1	18.38	18.38	18.38		
Channel				632668	633332	634000	19.5	0.0
Frequency (MHz)				3480.02	3499.98	3510		
80	QPSK	1	1	18.42	18.45	18.38		
Channel				632000	633332	634666	19.5	0.0
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.35	18.45	18.43		
Channel				631334	633332	635332	19.5	0.0
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.48	18.47	18.40		
Channel				631000	633332	635666	19.5	0.0
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.37	18.45	18.38		
Channel				630668	633332	636000	19.5	0.0
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.48	18.48	18.48		

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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				650000	656000	662000	19.5	0.0
Frequency (MHz)				3750	3840	3930		
100	PI2 BPSK	1	1	18.34	18.32	18.26		
100	PI2 BPSK	1	137	18.44	18.31	18.25		
100	PI2 BPSK	1	271	18.42	18.37	18.20	19.5	0.0
100	PI2 BPSK	135	0	18.41	18.42	18.31		
100	PI2 BPSK	135	69	18.42	18.28	18.26		
100	PI2 BPSK	135	138	18.44	18.34	18.28		
100	PI2 BPSK	270	0	18.40	18.33	18.27	19.5	0.0
100	QPSK	1	1	18.46	18.43	18.35		
100	QPSK	1	137	18.44	18.31	18.24		
100	QPSK	1	271	18.43	18.31	18.32		
100	QPSK	135	0	18.33	18.38	18.25	19.5	0.0
100	QPSK	135	69	18.45	18.39	18.33		
100	QPSK	135	138	18.43	18.37	18.30		
100	QPSK	270	0	18.37	18.33	18.22		
100	16QAM	1	1	18.38	18.28	18.32	19.5	0.0
100	16QAM	1	1	18.42	18.28	18.26		
100	256QAM	1	1	18.37	18.40	18.23		
Channel				643334	650000	656666	19.5	0.0
Frequency (MHz)				3740.01	3840	3930.99		
80	QPSK	1	1	18.44	18.29	18.21		
Channel				648668	656000	663332	19.5	0.0
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.35	18.36	18.34		
Channel				644000	656000	664000	19.5	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.39	18.41	18.20		
Channel				647668	656000	664332	19.5	0.0
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	18.39	18.40	18.33		
Channel				647334	656000	664666	19.5	0.0
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.42	18.38	18.21		

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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				640000	641666	643332	21.0	0.0
Frequency (MHz)				3600	3624.99	3649.98		
100	PI2 BPSK	1	1	20.28	20.33	20.32		
100	PI2 BPSK	1	137	20.30	20.31	20.24		
100	PI2 BPSK	1	271	20.20	20.31	20.27	21.0	0.0
100	PI2 BPSK	135	0	20.23	20.37	20.30		
100	PI2 BPSK	135	69	20.31	20.31	20.28		
100	PI2 BPSK	135	138	20.24	20.32	20.21		
100	PI2 BPSK	270	0	20.21	20.33	20.32	21.0	0.0
100	QPSK	1	1	20.33	20.45	20.35		
100	QPSK	1	137	20.20	20.41	20.30		
100	QPSK	1	271	20.32	20.32	20.21		
100	QPSK	135	0	20.21	20.34	20.21	21.0	0.0
100	QPSK	135	69	20.27	20.41	20.30		
100	QPSK	135	138	20.22	20.31	20.28		
100	QPSK	270	0	20.18	20.35	20.23		
100	16QAM	1	1	20.28	20.41	20.29	21.0	0.0
100	16QAM	1	1	20.32	20.40	20.29		
100	256QAM	1	1	19.38	19.53	19.44		
Channel				639334	641666	644000	21.0	0.0
Frequency (MHz)				3590.01	3624.99	3650		
80	QPSK	1	1	20.21	20.35	20.23		
Channel				638668	641666	644666	21.0	0.0
Frequency (MHz)				3580.02	3624.99	3659.99		
60	QPSK	1	1	20.20	20.30	20.24		
Channel				638000	641666	645332	21.0	0.0
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	20.19	20.41	20.20		
Channel				637668	641666	645666	21.0	0.0
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.29	20.39	20.21		
Channel				637334	641666	646000	21.0	0.0
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	20.30	20.30	20.28		

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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				633332	633332	633332	21.0	0.0
Frequency (MHz)				3499.98				
100	PI2 BPSK	1	1		20.24			
100	PI2 BPSK	1	137		20.31			
100	PI2 BPSK	1	271		20.34		21.0	0.0
100	PI2 BPSK	135	0		20.21			
100	PI2 BPSK	135	69		20.33			
100	PI2 BPSK	135	138		20.28			
100	PI2 BPSK	270	0		20.20		21.0	0.0
100	QPSK	1	1		20.35			
100	QPSK	1	137		20.34			
100	QPSK	1	271		20.27			
100	QPSK	135	0		20.31		21.0	0.0
100	QPSK	135	69		20.32			
100	QPSK	135	138		20.27			
100	QPSK	270	0		20.25			
100	16QAM	1	1		20.23		21.0	0.0
100	16QAM	1	1		20.20			
100	256QAM	1	1		19.42			
Channel				632668	633332	634000	21.0	0.0
Frequency (MHz)				3480.02	3499.98	3510		
80	QPSK	1	1		20.31	20.29		
Channel				632000	633332	634666	21.0	0.0
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1		20.30	20.29		
Channel				631334	633332	635332	21.0	0.0
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1		20.23	20.25		
Channel				631000	633332	635666	21.0	0.0
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1		20.30	20.28		
Channel				630668	633332	636000	21.0	0.0
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1		20.22	20.31		

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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				650000	656000	662000	21.0	0.0
Frequency (MHz)				3750	3640	3590		
100	PI/2 BPSK	1	1	20.14	20.17	20.13		
100	PI/2 BPSK	1	137	20.09	20.25	20.21		
100	PI/2 BPSK	1	271	20.17	20.21	20.16	21.0	0.0
100	PI/2 BPSK	135	0	20.20	20.19	20.16		
100	PI/2 BPSK	135	69	20.16	20.29	20.19		
100	PI/2 BPSK	135	138	20.14	20.28	20.13		
100	PI/2 BPSK	270	0	20.16	20.22	20.11	21.0	0.0
100	QPSK	1	1	20.22	20.18	20.26		
100	QPSK	1	137	20.16	20.21	20.23		
100	QPSK	1	271	20.11	20.28	20.11		
100	QPSK	135	0	20.17	20.19	20.18	21.0	0.0
100	QPSK	135	69	20.21	20.26	20.20		
100	QPSK	135	138	20.20	20.24	20.11		
100	QPSK	270	0	20.17	20.24	20.14		
100	16QAM	1	1	20.14	20.24	20.21	21.0	0.0
100	64QAM	1	1	20.09	20.26	20.19	21.0	0.0
100	256QAM	1	1	19.33	19.41	19.34	20.5	0.5
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3640	3638.99	(dBm)	(dB)
80	QPSK	1	1	23.64	23.70	23.58	21.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3640	3649.98	(dBm)	(dB)
60	QPSK	1	1	23.62	23.63	23.61	21.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3640	3640	(dBm)	(dB)
40	QPSK	1	1	23.58	23.65	23.58	21.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3640	3664.98	(dBm)	(dB)
30	QPSK	1	1	23.66	23.72	23.66	21.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3640	3669.99	(dBm)	(dB)
20	QPSK	1	1	23.61	23.72	23.66	21.0	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				640000	641666	643332	22.0	0.0
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	21.41	21.47	21.36		
100	PI/2 BPSK	1	137	21.42	21.40	21.34		
100	PI/2 BPSK	1	271	21.35	21.39	21.29	22.0	0.0
100	PI/2 BPSK	135	0	21.29	21.43	21.31		
100	PI/2 BPSK	135	69	21.37	21.47	21.33		
100	PI/2 BPSK	135	138	21.28	21.39	21.39		
100	PI/2 BPSK	270	0	21.42	21.44	21.30	22.0	0.0
100	QPSK	1	1	21.43	21.49	21.40		
100	QPSK	1	137	21.30	21.43	21.35		
100	QPSK	1	271	21.42	21.44	21.39		
100	QPSK	135	0	21.36	21.40	21.36	22.0	0.0
100	QPSK	135	69	21.39	21.46	21.27		
100	QPSK	135	138	21.30	21.38	21.22		
100	QPSK	270	0	21.35	21.44	21.25		
100	16QAM	1	1	21.36	21.48	21.34	22.0	0.0
100	64QAM	1	1	20.04	20.18	20.12	21.5	0.5
100	256QAM	1	1	18.10	18.20	18.07	19.5	2.5
Channel				639334	641666	644000	Tune-up limit	MPR
Frequency (MHz)				3590.01	3624.99	3650	(dBm)	(dB)
80	QPSK	1	1	21.35	21.35	21.34	22.0	0.0
Channel				638668	641666	644666	Tune-up limit	MPR
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)	(dB)
60	QPSK	1	1	21.41	21.45	21.27	22.0	0.0
Channel				638000	641666	645332	Tune-up limit	MPR
Frequency (MHz)				3570	3624.99	3679.98	(dBm)	(dB)
40	QPSK	1	1	21.31	21.38	21.39	22.0	0.0
Channel				637668	641666	645666	Tune-up limit	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)	(dB)
30	QPSK	1	1	21.39	21.46	21.38	22.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)
20	QPSK	1	1	21.37	21.38	21.27	22.0	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				633332	633332	633332	22.0	0.0
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	1	21.38				
100	PI/2 BPSK	1	137	21.32				
100	PI/2 BPSK	1	271	21.36			22.0	0.0
100	PI/2 BPSK	135	0	21.36				
100	PI/2 BPSK	135	69	21.29				
100	PI/2 BPSK	135	138	21.36				
100	PI/2 BPSK	270	0	21.30			22.0	0.0
100	QPSK	1	1	21.42				
100	QPSK	1	137	21.34				
100	QPSK	1	271	21.33				
100	QPSK	135	0	21.34			22.0	0.0
100	QPSK	135	69	21.38				
100	QPSK	135	138	21.31				
100	QPSK	270	0	21.33				
100	16QAM	1	1	21.37			22.0	0.0
100	64QAM	1	1	20.08			21.5	0.5
100	256QAM	1	1	18.14			19.5	2.5
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	21.39	21.37	21.30	22.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.27	21.36	21.38	22.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.33	21.38	21.34	22.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.28	21.41	21.28	22.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.31	21.34	21.35	22.0	0.0

Part27O_n77_Ant 5									
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				650000	656000	662000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3760	3840	3920			
100	PI/2 BPSK	1	1	21.31	21.39	21.33	22.0	0.0	
100	PI/2 BPSK	1	137	21.31	21.43	21.40			
100	PI/2 BPSK	1	271	21.26	21.45	21.30			
100	PI/2 BPSK	135	0	21.24	21.41	21.35			
100	PI/2 BPSK	135	69	21.24	21.36	21.37	22.0	0.0	
100	PI/2 BPSK	135	138	21.31	21.33	21.30	22.0	0.0	
100	PI/2 BPSK	270	0	21.34	21.41	21.36	22.0	0.0	
100	QPSK	1	1	21.26	21.36	21.41			
100	QPSK	1	137	21.26	21.36	21.39			
100	QPSK	1	271	21.34	21.45	21.35			
100	QPSK	135	0	21.29	21.41	21.34	22.0	0.0	
100	QPSK	135	69	21.33	21.47	21.38			
100	QPSK	135	138	21.25	21.42	21.31			
100	QPSK	270	0	21.31	21.41	21.33			
100	16QAM	1	1	21.29	21.37	21.30	22.0	0.0	
100	64QAM	1	1	19.91	20.08	20.04	21.5	0.5	
100	256QAM	1	1	17.97	18.14	17.99	19.5	2.5	
Channel				645334	656000	662666	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3926.99	(dBm)	(dB)	
80	QPSK	1	1	21.37	21.41	21.32	22.0	0.0	
Channel				648668	656000	663332	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)	
60	QPSK	1	1	21.36	21.46	21.37	22.0	0.0	
Channel				649090	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	21.25	21.39	21.28	22.0	0.0	
Channel				647688	656000	664332	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)	
30	QPSK	1	1	21.28	21.34	21.26	22.0	0.0	
Channel				647394	656000	664666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)	
20	QPSK	1	1	21.35	21.35	21.31	22.0	0.0	

Part96_n77_Ant 6									
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				640000	641666	643332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	17.72	17.78	17.67	18.5	0.0	
100	PI/2 BPSK	1	137	17.70	17.79	17.69			
100	PI/2 BPSK	1	271	17.62	17.74	17.60			
100	PI/2 BPSK	135	0	17.68	17.68	17.66			
100	PI/2 BPSK	135	69	17.64	17.74	17.63	18.5	0.0	
100	PI/2 BPSK	135	138	17.63	17.78	17.70	18.5	0.0	
100	PI/2 BPSK	270	0	17.70	17.74	17.61	18.5	0.0	
100	QPSK	1	1	17.75	17.62	17.72			
100	QPSK	1	137	17.65	17.71	17.64			
100	QPSK	1	271	17.65	17.72	17.69			
100	QPSK	135	0	17.64	17.79	17.68	18.5	0.0	
100	QPSK	135	69	17.72	17.77	17.67			
100	QPSK	135	138	17.66	17.67	17.68			
100	QPSK	270	0	17.66	17.73	17.66			
100	16QAM	1	1	17.74	17.69	17.61	18.5	0.0	
100	64QAM	1	1	17.67	17.70	17.65	18.5	0.0	
100	256QAM	1	1	17.63	17.69	17.64	18.5	0.0	
Channel				635334	641666	644000	Tune-up limit	MPR	
Frequency (MHz)				3590.01	3624.99	3660	(dBm)	(dB)	
80	QPSK	1	1	17.65	17.63	17.67	18.5	0.0	
Channel				638668	641666	644666	Tune-up limit	MPR	
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)	(dB)	
60	QPSK	1	1	17.66	17.68	17.61	18.5	0.0	
Channel				638090	641666	645332	Tune-up limit	MPR	
Frequency (MHz)				3570	3624.99	3673.98	(dBm)	(dB)	
40	QPSK	1	1	17.63	17.60	17.70	18.5	0.0	
Channel				637688	641666	645666	Tune-up limit	MPR	
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)	(dB)	
30	QPSK	1	1	17.73	17.70	17.67	18.5	0.0	
Channel				637394	641666	646000	Tune-up limit	MPR	
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)	
20	QPSK	1	1	17.74	17.60	17.63	18.5	0.0	

Par27Q_n77_Ant 6								
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				633332				
Frequency (MHz)				3499.98				
100	PI2 BPSK	1	1		17.68		18.5	0.0
100	PI2 BPSK	1	137		17.71			
100	PI2 BPSK	1	271		17.68			
100	PI2 BPSK	135	0		17.73			
100	PI2 BPSK	135	69		17.67		18.5	0.0
100	PI2 BPSK	135	138		17.63		18.5	0.0
100	PI2 BPSK	270	0		17.67			
100	QPSK	1	1		17.71		18.5	0.0
100	QPSK	1	137		17.67			
100	QPSK	1	271		17.71			
100	QPSK	135	0		17.73			
100	QPSK	135	69		17.75		18.5	0.0
100	QPSK	135	138		17.65			
100	QPSK	270	0		17.65		18.5	0.0
100	16QAM	1	1		17.71		18.5	0.0
100	64QAM	1	1		17.64		18.5	0.0
100	256QAM	1	1		17.69		18.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.72	17.72	17.75	18.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.73	17.75	17.64	18.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.67	17.73	17.61	18.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.75	17.68	17.66	18.5	0.0
Channel				630666	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3560	(dBm)	(dB)
20	QPSK	1	1	17.62	17.67	17.64	18.5	0.0

Part27O_n77_Ant 6								
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				650000	658000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI2 BPSK	1	1	17.59	17.78	17.67	18.5	0.0
100	PI2 BPSK	1	137	17.62	17.72	17.65		
100	PI2 BPSK	1	271	17.61	17.75	17.65		
100	PI2 BPSK	135	0	17.71	17.73	17.62		
100	PI2 BPSK	135	69	17.64	17.66	17.63	18.5	0.0
100	PI2 BPSK	135	138	17.60	17.72	17.72	18.5	0.0
100	PI2 BPSK	270	0	17.63	17.69	17.66		
100	QPSK	1	1	17.73	17.65	17.76	18.5	0.0
100	QPSK	1	137	17.67	17.65	17.70		
100	QPSK	1	271	17.70	17.77	17.73		
100	QPSK	135	0	17.71	17.70	17.67		
100	QPSK	135	69	17.71	17.76	17.69	18.5	0.0
100	QPSK	135	138	17.59	17.73	17.64		
100	QPSK	270	0	17.66	17.75	17.66	18.5	0.0
100	16QAM	1	1	17.72	17.71	17.72	18.5	0.0
100	64QAM	1	1	17.61	17.66	17.60	18.5	0.0
100	256QAM	1	1	17.70	17.70	17.74	18.5	0.0
Channel				649334	650000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	17.63	17.76	17.63	18.5	0.0
Channel				648668	650000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	17.72	17.74	17.71	18.5	0.0
Channel				648000	650000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	17.61	17.74	17.70	18.5	0.0
Channel				647668	650000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	17.67	17.79	17.62	18.5	0.0
Channel				647334	650000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	17.61	17.68	17.60	18.5	0.0

Default/Full								
Art 6								
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	17.40	18.00	14.60	16.50	14.60	16.50
	CH 39	2441	17.80	18.00	15.10	16.50	15.10	16.50
	CH 78	2480	17.20	18.00	14.70	16.50	14.70	16.50

Head Power level 1								
Art 6								
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	15.40	16.50	12.20	14.00	12.20	14.00
	CH 39	2441	15.70	16.50	12.20	14.00	12.10	14.00
	CH 78	2480	15.60	16.50	12.60	14.00	12.60	14.00

Head Power level 2								
Art 6								
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	13.10	13.50	10.00	10.50	10.00	10.50
	CH 39	2441	13.20	13.50	10.10	10.50	10.10	10.50
	CH 78	2480	12.10	13.50	8.80	10.50	8.80	10.50

Head Power level 3								
Art 6								
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	9.30	10.00	6.50	7.00	6.50	7.00
	CH 39	2441	9.40	10.00	6.20	7.00	6.20	7.00
	CH 78	2480	8.50	10.00	5.40	7.00	5.40	7.00

Default/Full							
Art 6							
Mode	Channel	Frequency (MHz)	Average power (dBm)				
			1Mbps	2Mbps	125Kbps	500Kbps	
LE	CH 00	2402	7.90	7.80	8.10	8.00	
	CH 19	2440	7.70	7.70	7.90	7.80	
	CH 39	2480	6.40	6.40	6.60	6.50	
Tune-up Limit			9.5	9.5	9.5	9.5	

Default/Full								
Art 7								
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	16.80	18.00	13.90	15.50	13.90	15.50
	CH 39	2441	17.10	18.00	14.50	15.50	14.50	15.50
	CH 78	2480	16.60	18.00	14.00	15.50	14.00	15.50

Head Power level 1								
Art 7								
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	16.80	18.00	13.90	15.50	13.90	15.50
	CH 39	2441	17.10	18.00	14.50	15.50	14.50	15.50
	CH 78	2480	16.60	18.00	14.00	15.50	14.00	15.50

Head Power level 2								
Art 7								
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	13.60	15.50	11.00	12.50	11.00	12.50
	CH 39	2441	14.50	15.50	12.10	12.50	12.10	12.50
	CH 78	2480	13.60	15.50	10.90	12.50	10.90	12.50

Head Power level 3								
Art 7								
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	11.80	13.50	8.60	10.50	8.60	10.50
	CH 39	2441	12.60	13.50	9.50	10.50	9.50	10.50
	CH 78	2480	12.30	13.50	9.30	10.50	9.30	10.50

Hotspot Power level 1								
Art 6								
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	17.40	18.00	14.60	16.50	14.60	16.50
	CH 39	2441	17.80	18.00	15.10	16.50	15.10	16.50
	CH 78	2480	17.20	18.00	14.70	16.50	14.70	16.50

Hotspot Power level 2								
Art 6								
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	15.80	17.00	12.70	14.00	12.60	14.00
	CH 39	2441	16.30	17.00	13.00	14.00	13.00	14.00
	CH 78	2480	16.20	17.00	13.30	14.00	13.30	14.00

Hotspot Power level 3								
Art 6								
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	13.50	14.00	10.00	10.50	10.00	10.50
	CH 39	2441	13.80	14.00	10.10	10.50	10.10	10.50
	CH 78	2480	12.50	14.00	8.80	10.50	8.80	10.50

Hotspot Power level 1								
Art 7								
Mode	Channel	Frequency (MHz)	Average power (dbm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	16.80	18.00	13.90	15.50	13.90	15.50
	CH 39	2441	17.10	18.00	14.50	15.50	14.50	15.50
	CH 78	2480	16.60	18.00	14.00	15.50	14.00	15.50

Hotspot Power level 2								
Art 7								
Mode	Channel	Frequency (MHz)	Average power (dbm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	16.80	18.00	13.90	15.50	13.90	15.50
	CH 39	2441	17.10	18.00	14.50	15.50	14.50	15.50
	CH 78	2480	16.60	18.00	14.00	15.50	14.00	15.50

Hotspot Power level 3								
Art 7								
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	15.40	16.50	12.10	13.50	12.10	13.50
	CH 39	2441	15.60	16.50	12.40	13.50	12.40	13.50
	CH 78	2480	15.40	16.50	12.30	13.50	12.30	13.50

Extremity/Body worn Power level 1								
Art 6								
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	17.40	18.00	14.60	16.50	14.60	16.50
	CH 39	2441	17.80	18.00	15.10	16.50	15.10	16.50
	CH 78	2480	17.20	18.00	14.70	16.50	14.70	16.50

Extremity/Body worn Power level 2								
Art 6								
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	17.40	18.00	14.60	16.50	14.60	16.50
	CH 39	2441	17.80	18.00	15.10	16.50	15.10	16.50
	CH 78	2480	17.20	18.00	14.70	16.50	14.70	16.50

Extremity/Body worn Power level 3								
Art 6								
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	17.40	18.00	14.60	16.50	14.60	16.50
	CH 39	2441	17.80	18.00	15.10	16.50	15.10	16.50
	CH 78	2480	17.20	18.00	14.70	16.50	14.70	16.50

Extremity/Body worn Power level 1								
Art 7								
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	16.80	18.00	13.90	15.50	13.90	15.50
	CH 39	2441	17.10	18.00	14.50	15.50	14.50	15.50
	CH 78	2480	16.60	18.00	14.00	15.50	14.00	15.50

Extremity/Body worn Power level 2								
Art 7								
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	16.80	18.00	13.90	15.50	13.90	15.50
	CH 39	2441	17.10	18.00	14.50	15.50	14.50	15.50
	CH 78	2480	16.60	18.00	14.00	15.50	14.00	15.50

Extremity/Body worn Power level 3								
Art 7								
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	16.80	18.00	13.90	15.50	13.90	15.50
	CH 39	2441	17.10	18.00	14.50	15.50	14.50	15.50
	CH 78	2480	16.60	18.00	14.00	15.50	14.00	15.50

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		Default																								Head Power level 1				Head Power level 2				Head Power level 3				Head Power level 4			
		Ant 6-7 (dB)		Ant 6-7 (7)		Ant 6-7		Ant 6-7 (6)		Ant 6-7 (7)		Ant 6-7		Ant 6-7 (6)		Ant 6-7 (7)		Ant 6-7		Ant 6-7 (6)		Ant 6-7 (7)		Ant 6-7		Ant 6-7 (6)		Ant 6-7 (7)		Ant 6-7											
Mode	Channel	Frequency (MHz)	R/U Config	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit										
802.11a Mbps	1	2412	F	16.80	18.00	17.00	18.00	19.81	21.0	13.76	15.00	13.92	15.00	16.85	18.0	10.68	12.00	10.86	12.00	13.78	18.0	7.61	9.00	7.85	9.00	10.74	12.0	16.80	18.00	17.00	18.00	19.81	21.0								
	11	2402	F	16.80	18.00	17.00	18.00	19.81	21.0	13.71	15.00	13.89	15.00	16.81	18.0	10.59	12.00	10.82	12.00	13.72	18.0	7.56	9.00	7.70	9.00	10.70	12.0	16.80	18.00	17.00	18.00	19.81	21.0								
	11	2402	F	16.80	18.00	17.00	18.00	19.81	21.0	13.59	15.00	14.03	15.00	16.83	18.0	10.53	12.00	10.50	12.00	13.73	18.0	7.53	9.00	7.68	9.00	10.72	12.0	16.80	18.00	17.00	18.00	19.81	21.0								
	1	2412	F	17.00	18.00	17.30	18.00	20.16	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	16.80	18.00	17.30	18.00	20.16	21.0										
	6	2437	F	17.00	18.00	17.10	18.00	20.06	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	16.80	18.00	17.10	18.00	20.06	21.0										
	11	2402	F	16.80	18.00	17.10	18.00	19.96	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	16.80	18.00	17.10	18.00	19.96	21.0										
802.11n-HT20 MCS9	1	2412	F	16.59	17.50	16.88	17.50	19.75	20.5	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	16.59	17.50	16.88	17.50	19.75	21.0										
	6	2437	F	16.78	18.00	16.78	18.00	19.79	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	16.78	18.00	16.78	18.00	19.79	21.0										
	11	2402	F	16.48	17.50	16.65	17.50	19.68	20.5	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	16.48	17.50	16.65	17.50	19.68	21.0										
802.11n-HT40 MCS9	3	2422	F	16.30	18.00	16.37	18.00	19.35	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	16.30	18.00	16.37	18.00	19.35	21.0										
	6	2437	F	16.07	18.00	16.16	18.00	19.13	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	16.07	18.00	16.16	18.00	19.13	21.0										
	9	2452	F	16.00	18.00	16.01	18.00	19.02	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	16.00	18.00	16.01	18.00	19.02	21.0										
802.11ac-VHT20 MCS9	1	2412	F	17.50	17.50	17.50	17.50	20.5	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	17.50	17.50	17.50	17.50	20.5	21.0										
	6	2437	F	18.00	18.00	18.00	18.00	21.0	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	18.00	18.00	18.00	18.00	21.0	21.0										
	11	2402	F	Not Required	Not Required	Not Required	Not Required	20.5	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	Not Required	Not Required	Not Required	Not Required	20.5	21.0										
802.11ac-VHT40 MCS9	3	2422	F	Not Required	Not Required	Not Required	Not Required	21.0	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	Not Required	Not Required	Not Required	Not Required	21.0	21.0										
	6	2437	F	Not Required	Not Required	Not Required	Not Required	21.0	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	Not Required	Not Required	Not Required	Not Required	21.0	21.0										
	9	2452	F	Not Required	Not Required	Not Required	Not Required	21.0	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	Not Required	Not Required	Not Required	Not Required	21.0	21.0										
802.11ac-HE20 MCS9	1	2412	F	16.20	17.50	16.50	17.50	19.36	20.5	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	16.20	17.50	16.50	17.50	19.36	21.0										
	11	2402	F	16.00	18.00	16.00	18.00	19.31	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	16.00	18.00	16.00	18.00	19.31	21.0										
	1	2412	F	16.20	17.50	16.50	17.50	19.36	20.5	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	16.20	17.50	16.50	17.50	19.36	21.0										
	11	2402	F	16.00	18.00	16.00	18.00	19.31	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	16.00	18.00	16.00	18.00	19.31	21.0										
	1	2412	F	15.80	16.00	16.00	16.00	19.31	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	15.80	16.00	16.00	16.00	19.31	21.0										
	11	2402	F	15.80	16.00	16.00	16.00	19.31	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	15.80	16.00	16.00	16.00	19.31	21.0										
	11	2402	F	16.10	17.50	16.30	17.50	19.21	20.5	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	16.10	17.50	16.30	17.50	19.21	20.5										
	11	2402	F	15.84	16.00	16.00	16.00	19.31	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	15.84	16.00	16.00	16.00	19.31	21.0										
	11	2402	F	15.84	16.00	16.00	16.00	19.31	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	15.84	16.00	16.00	16.00	19.31	21.0										
	11	2402	F	15.84	16.00	16.00	16.00	19.31	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	15.84	16.00	16.00	16.00	19.31	21.0										
	11	2402	F	15.84	16.00	16.00	16.00	19.31	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	15.84	16.00	16.00	16.00	19.31	21.0										
	11	2402	F	15.84	16.00	16.00	16.00	19.31	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	15.84	16.00	16.00	16.00	19.31	21.0										
802.11ac-HE40 MCS9	3	2422	F	16.40	18.00	16.50	18.00	19.46	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	16.40	18.00	16.50	18.00	19.46	21.0										
	6	2437	F	16.20	18.00	16.30	18.00	19.26	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	16.20	18.00	16.30	18.00	19.26	21.0										
	9	2452	F	16.00	18.00	16.10	18.00	19.06	21.0	15.00	15.00	15.00	15.00	18.0	12.00	12.00	12.00	12.00	15.0	9.00	9.00	9.00	9.00	12.0	12.00	16.00	18.00	16.10	18.00	19.06	21.0										

<WLAN 5GHz>

		Default												Head Power level 1				Head Power level 2				Head Power level 3								HeadPower Power level 1													
		Ant 54d(S)				Ant 54d(S)				Ant 54-S				Ant 54d(S)				Ant 54d(S)				Ant 54-S				Ant 54d(S)				Ant 54d(S)				Ant 54-S									
Mode	Channel	Frequency (MHz)	R/U Config	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit												
802.11a 6Mbps	36	5180	F	15.80	17.00	16.21	17.00	19.02	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.80	17.00	16.21	17.00	19.02	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.80	17.00	16.21	17.00	19.02	20.0				
	44	5200	F	15.79	17.00	15.79	17.00	19.01	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.79	17.00	15.79	17.00	19.01	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.79	17.00	15.79	17.00	19.01	20.0				
	44	5220	F	15.84	17.00	16.30	17.00	19.08	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.84	17.00	16.30	17.00	19.08	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.84	17.00	16.30	17.00	19.08	20.0				
	48	5240	F	15.94	17.00	16.31	17.00	19.14	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.94	17.00	16.31	17.00	19.14	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.94	17.00	16.31	17.00	19.14	20.0				
	36	5180	F	15.80	17.00	15.71	17.00	18.89	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.80	17.00	15.71	17.00	18.89	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.80	17.00	15.71	17.00	18.89	20.0				
	40	5200	F	15.75	17.00	15.65	17.00	18.71	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.75	17.00	15.65	17.00	18.71	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.75	17.00	15.65	17.00	18.71	20.0				
	44	5220	F	15.78	17.00	16.25	17.00	19.05	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.78	17.00	16.25	17.00	19.05	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.78	17.00	16.25	17.00	19.05	20.0				
	48	5240	F	15.83	17.00	16.31	17.00	19.09	20.0	Not Required	Not Required	16.5	10.50	10.50	Not Required	Not Required	13.5	7.50	7.50	16.5	15.83	17.00	16.31	17.00	19.09	20.0	Not Required	Not Required	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.83	17.00	16.31	17.00	19.09	20.0		
802.11n-HT40 MCS9	36	5180	F	15.19	17.00	16.08	17.00	18.93	20.0	Not Required	Not Required	16.5	10.50	10.50	Not Required	Not Required	13.5	7.50	7.50	Not Required	Not Required	16.5	15.19	17.00	16.08	17.00	18.93	20.0	Not Required	Not Required	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.19	17.00	16.08	17.00	18.93	20.0
	48	5240	F	16.33	17.00	16.73	17.00	19.54	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	16.33	17.00	16.73	17.00	19.54	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	16.33	17.00	16.73	17.00	19.54	20.0				
	36	5180	F	15.80	17.00	15.71	17.00	18.89	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.80	17.00	15.71	17.00	18.89	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.80	17.00	15.71	17.00	18.89	20.0				
	40	5200	F	15.75	17.00	15.65	17.00	18.71	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.75	17.00	15.65	17.00	18.71	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.75	17.00	15.65	17.00	18.71	20.0				
	44	5220	F	15.78	17.00	16.25	17.00	19.05	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.78	17.00	16.25	17.00	19.05	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.78	17.00	16.25	17.00	19.05	20.0				
	48	5240	F	15.83	17.00	16.31	17.00	19.09	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.83	17.00	16.31	17.00	19.09	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.83	17.00	16.31	17.00	19.09	20.0				
	40	5200	F	16.33	17.00	16.73	17.00	19.54	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	16.33	17.00	16.73	17.00	19.54	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	16.33	17.00	16.73	17.00	19.54	20.0				
	36	5180	F	15.80	17.00	15.71	17.00	18.89	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.80	17.00	15.71	17.00	18.89	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.80	17.00	15.71	17.00	18.89	20.0				
802.11n-VHT20 MCS9	36	5180	F	15.80	17.00	16.21	17.00	19.02	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.80	17.00	16.21	17.00	19.02	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.80	17.00	16.21	17.00	19.02	20.0				
	44	5200	F	15.79	17.00	15.79	17.00	19.01	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.79	17.00	15.79	17.00	19.01	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.79	17.00	15.79	17.00	19.01	20.0				
	44	5220	F	15.84	17.00	16.30	17.00	19.08	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.84	17.00	16.30	17.00	19.08	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.84	17.00	16.30	17.00	19.08	20.0				
	48	5240	F	15.94	17.00	16.31	17.00	19.14	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.94	17.00	16.31	17.00	19.14	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.94	17.00	16.31	17.00	19.14	20.0				
	36	5180	F	15.80	17.00	15.71	17.00	18.89	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.80	17.00	15.71	17.00	18.89	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.80	17.00	15.71	17.00	18.89	20.0				
	40	5200	F	15.75	17.00	15.65	17.00	18.71	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.75	17.00	15.65	17.00	18.71	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.75	17.00	15.65	17.00	18.71	20.0				
	44	5220	F	15.78	17.00	16.25	17.00	19.05	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.78	17.00	16.25	17.00	19.05	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.78	17.00	16.25	17.00	19.05	20.0				
	48	5240	F	15.83	17.00	16.31	17.00	19.09	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.83	17.00	16.31	17.00	19.09	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.83	17.00	16.31	17.00	19.09	20.0				
802.11n-VHT40 MCS9	36	5180	F	15.80	17.00	16.21	17.00	19.02	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.80	17.00	16.21	17.00	19.02	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.80	17.00	16.21	17.00	19.02	20.0				
	44	5200	F	15.79	17.00	15.79	17.00	19.01	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.79	17.00	15.79	17.00	19.01	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.79	17.00	15.79	17.00	19.01	20.0				
	44	5220	F	15.84	17.00	16.30	17.00	19.08	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.84	17.00	16.30	17.00	19.08	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.84	17.00	16.30	17.00	19.08	20.0				
	48	5240	F	15.94	17.00	16.31	17.00	19.14	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.94	17.00	16.31	17.00	19.14	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.94	17.00	16.31	17.00	19.14	20.0				
	36	5180	F	15.80	17.00	15.71	17.00	18.89	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.80	17.00	15.71	17.00	18.89	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.80	17.00	15.71	17.00	18.89	20.0				
	40	5200	F	15.75	17.00	15.65	17.00	18.71	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.75	17.00	15.65	17.00	18.71	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.75	17.00	15.65	17.00	18.71	20.0				
	44	5220	F	15.78	17.00	16.25	17.00	19.05	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.78	17.00	16.25	17.00	19.05	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.78	17.00	16.25	17.00	19.05	20.0				
	48	5240	F	15.83	17.00	16.31	17.00	19.09	20.0	13.50	13.50	16.5	10.50	10.50	13.5	7.50	7.50	16.5	15.83	17.00	16.31	17.00	19.09	20.0	13.50	13.50	16.5	10.5															

[illegible]

WLAN 5GHz																																				
Mode	Channel	Frequency (MHz)	Hotspot Power level 2						Hotspot Power level 3						Extremely/Body wear Power level 1						Extremely/Body wear Power level 2						Extremely/Body wear Power level 3									
			Ant 5-6(5)		Ant 5-6(6)		Ant 5-6(7)		Ant 5-6(8)		Ant 5-6(9)		Ant 5-6(10)		Ant 5-6(11)		Ant 5-6(12)		Ant 5-6(13)		Ant 5-6(14)		Ant 5-6(15)		Ant 5-6(16)		Ant 5-6(17)		Ant 5-6(18)		Duty Cycle %					
			Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit						
5GHz WLAN	802.11a-Mbps	36	5180	16.00		16.00	19.9	13.00	13.00	13.00	16.0	15.80	17.00	16.21	17.00	19.02	20.9		15.00	15.00		19.9	14.00	14.00	17.9											
		40	5200	16.00		16.00	19.9	13.00	13.00	13.00	15.79	15.70	16.20	17.00	19.01	20.9		14.00	14.00		19.9	14.00	14.00	17.9	99.06											
		44	5220	16.00		16.00	19.9	13.00	13.00	13.00	15.84	15.84	16.30	17.00	19.08	20.9		14.00	14.00		19.9	14.00	14.00	17.9												
		48	5240	16.00		16.00	19.9	13.00	13.00	13.00	15.84	15.84	17.00	17.00	19.14	20.9		14.00	14.00		19.9	14.00	14.00	17.9												
		52	5260	16.00		16.00	19.9	13.00	13.00	13.00	15.80	15.65	17.00	17.00	18.89	20.9		14.00	14.00		19.9	14.00	14.00	17.9												
		56	5280	16.00		16.00	19.9	13.00	13.00	13.00	15.79	15.65	17.00	17.00	18.77	20.9		14.00	14.00		19.9	14.00	14.00	17.9												
	802.11a-H720 MCS0	44	5220	16.00		16.00	19.9	13.00	13.00	13.00	15.80	15.78	17.00	17.00	19.03	20.9		14.00	14.00		19.9	14.00	14.00	17.9	99.63											
		48	5240	16.00	Not Required	Not Required	19.9	Not Required	13.00	13.00	15.80	15.83	17.00	16.31	17.00	19.09	20.9	Not Required	15.00	15.00	Not Required	19.9	Not Required	14.00	17.9											
	802.11a-VHT40 MCS0	36	5180	16.00		16.00	19.9	13.00	13.00	13.00	15.80	15.78	17.00	17.00	19.03	20.9		14.00	14.00		19.9	14.00	14.00	17.9												
		40	5200	16.00	Not Required	Not Required	19.9	Not Required	13.00	13.00	15.80	15.83	17.00	16.31	17.00	19.09	20.9	Not Required	15.00	15.00	Not Required	19.9	Not Required	14.00	17.9	99.63										
5GHz WLAN	802.11ac-VHT40 MCS0	36	5180	16.00		16.00	19.9	13.00	13.00	13.00	15.80	15.78	17.00	17.00	19.03	20.9		14.00	14.00		19.9	14.00	14.00	17.9												
		40	5200	16.00		16.00	19.9	13.00	13.00	13.00	15.80	15.78	17.00	17.00	19.03	20.9		14.00	14.00		19.9	14.00	14.00	17.9												
		44	5220	16.00		16.00	19.9	13.00	13.00	13.00	15.80	15.78	17.00	17.00	19.03	20.9		14.00	14.00		19.9	14.00	14.00	17.9												
		48	5240	16.00		16.00	19.9	13.00	13.00	13.00	15.80	15.78	17.00	17.00	19.03	20.9		14.00	14.00		19.9	14.00	14.00	17.9												
		52	5260	16.00		16.00	19.9	13.00	13.00	13.00	15.80	15.78	17.00	17.00	19.03	20.9		14.00	14.00		19.9	14.00	14.00	17.9												
		56	5280	16.00		16.00	19.9	13.00	13.00	13.00	15.80	15.78	17.00	17.00	19.03	20.9		14.00	14.00		19.9	14.00	14.00	17.9												
	802.11ac-VHT80 MCS0	42	5210	14.58		14.81	16.00	17.70	19.9	11.96	13.00	11.81	13.00	14.70	19.9	14.64	16.00	15.89	17.00	15.32	19.5	17.46	15.00	13.83	16.00	16.96	19.9	12.45	14.00	12.58	14.00	15.53	17.9	99.63		
		44	5220	16.00		16.00	19.9	13.00	13.00	13.00	15.80	15.77	17.00	17.00	19.01	20.9	17.00	16.00	15.89	17.00	15.32	19.5	17.46	15.00	13.83	16.00	16.96	19.9	12.45	14.00	12.58	14.00	15.53	17.9	99.63	
	802.11ac-HE20 MCS0	40	5200	16.00		16.00	19.9	13.00	13.00	13.00	15.80	15.83	17.00	16.78	17.00	19.82	20.9		15.00	15.00		19.9	14.00	14.00	17.9											
		44	5220	16.00		16.00	19.9	13.00	13.00	13.00	15.80	15.80	17.00	16.78	17.00	19.82	20.9		15.00	15.00		19.9	14.00	14.00	17.9	99.63										
802.11ac-HE40 MCS0	48	5240	16.00	Not Required	Not Required	19.9	Not Required	13.00	13.00	15.80	15.92	17.00	16.37	17.00	19.16	20.9		15.00	15.00	Not Required	19.9	Not Required	14.00	17.9												
	56	5280	16.00	Not Required	Not Required	19.9	Not Required	13.00	13.00	15.80	15.92	17.00	16.37	17.00	19.16	20.9	Not Required	15.00	15.00	Not Required	19.9	Not Required	14.00	17.9	99.63											
802.11ac-HE80 MCS0	52	5260	16.00		16.00	19.9	13.00	13.00	13.00	15.80	15.83	17.00	16.84	18.00	17.61	19.9	15.00	15.00		19.9	14.00	14.00	17.9	99.63												
	56	5280	16.00		16.00	19.9	13.00	13.00	13.00	15.80	15.83	17.00	16.88	17.80	19.68	20.9	15.00	15.00		19.9	14.00	14.00	17.9	99.63												
802.11ac-HE80 MCS0	42	5210	14.58		14.81	16.00	17.70	19.9	11.96	13.00	11.81	13.00	14.70	19.9	14.64	16.00	15.89	17.00	15.32	19.5	17.46	15.00	13.83	16.00	16.96	19.9	12.45	14.00	12.58	14.00	15.53	17.9	99.63			
	44	5220	16.00		16.00	19.9	13.00	13.00	13.00	15.80	15.83	17.00	16.84	18.00	17.61	19.9	15.00	15.00		19.9	14.00	14.00	17.9	99.63												

Extremely/Body worn Power level 2													Extremely/Body worn Power level 3												
Mode	Channel	Frequency (MHz)	Ant 5a-5(b)		Ant 5a-5(c)		Ant 5a-5		Ant 5a-5(c)		Ant 5a-5(b)		Ant 5a-5		Duty Cycle %										
			Average power (dBm)	Time-Up Limit (dBm)	Average power (dBm)	Time-Up Limit (dBm)	Average power (dBm)	Time-Up Limit (dBm)	Average power (dBm)	Time-Up Limit (dBm)	Average power (dBm)	Time-Up Limit (dBm)	Average power (dBm)	Time-Up Limit (dBm)											
1.5GHz WLAN	802.11a 6Mbps	52	5200	15.00		15.00		18.0	14.00	14.00	14.00	17.0	99.00												
		56	5200	15.00		15.00		18.0	14.00	14.00	14.00	17.0													
		60	5300	15.00		15.00		18.0	14.00	14.00	14.00	17.0													
		64	5300	15.00		15.00		18.0	14.00	14.00	14.00	17.0													
		52	5200	15.00		15.00		18.0	14.00	14.00	14.00	17.0													
		56	5200	15.00		15.00		18.0	14.00	14.00	14.00	17.0													
	802.11n-HT20 MCS0	56	5200	15.00		15.00		18.0	14.00	14.00	14.00	17.0	99.63												
		60	5300	15.00		15.00		18.0	14.00	14.00	14.00	17.0													
		64	5300	15.00		15.00		18.0	14.00	14.00	14.00	17.0													
		54	5270	15.00		15.00		18.0	14.00	14.00	14.00	17.0													
		62	5310	15.00		15.00		18.0	14.00	14.00	14.00	17.0													
		52	5200	15.00		15.00		18.0	14.00	14.00	14.00	17.0													
	802.11n-HT40 MCS0	54	5270	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required	99.63											
		62	5310	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required												
		52	5200	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required												
		56	5200	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required												
		60	5300	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required												
		64	5300	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required												
	802.11ac-VHT20 MCS0	54	5270	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required	99.63											
		62	5310	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required												
		52	5200	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required												
		56	5200	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required												
		60	5300	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required												
		64	5300	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required												
802.11ac-VHT40 MCS0	54	5270	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required	99.63												
	62	5310	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required													
	52	5200	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required													
	56	5200	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required													
	60	5300	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required													
	64	5300	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required													
802.11ac-VHT80 MCS0	54	5270	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required	99.63												
	62	5310	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required													
	52	5200	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required													
	56	5200	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required													
	60	5300	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required													
	64	5300	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.00	Not Required	14.00	Not Required													
802.11ac-VHT160 MCS0	50	5250	13.31	15.00	13.84	15.00	18.59	18.0	12.29	14.00	12.87	14.00	15.00	17.0	99.54										
	52	5200		15.00		15.00		18.0		14.00		14.00		17.0											
	56	5200		15.00		15.00		18.0		14.00		14.00		17.0											
	60	5300		15.00		15.00		18.0		14.00		14.00		17.0											
	64	5300		15.00		15.00		18.0		14.00		14.00		17.0											
	62	5310		15.00		15.00		18.0		14.00		14.00		17.0											

WLAN 5GHz																		
Extremely/Body worn Power level 2																		
Extremely/Body worn Power level 3																		
Mode		Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Duty Cycle %
1.5GHz WLAN	802.11a 8Mbps	100	5500	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	99.06
		116	5580	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		124	5620	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		132	5660	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		140	5700	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		144	5720	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		100	5500	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		116	5580	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		124	5620	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		132	5660	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		140	5700	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		144	5720	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
	802.11n-HT20 MCS0	100	5500	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	99.63
		116	5580	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		124	5620	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		132	5660	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		140	5700	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		144	5720	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		100	5500	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		116	5580	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		124	5620	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		132	5660	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		140	5700	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		144	5720	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
	802.11ac-VHT20 MCS0	100	5500	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	99.63
		116	5580	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		124	5620	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		132	5660	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		140	5700	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		144	5720	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		100	5500	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		116	5580	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		124	5620	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		132	5660	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		140	5700	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		144	5720	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
	802.11ac-VHT40 MCS0	100	5500	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	99.63
		116	5580	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		124	5620	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		132	5660	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		140	5700	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		142	5710	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		106	5530	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		122	5610	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		138	5690	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		114	5570	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		130	5630	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
		142	5710	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	
802.11ac-VHT80 MCS0	100	5500	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	99.54	
	116	5580	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	124	5620	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	132	5660	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	140	5700	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	144	5720	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	100	5500	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	116	5580	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	124	5620	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	132	5660	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	140	5700	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	144	5720	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
802.11ax-HE20 MCS0	100	5500	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	99.63	
	116	5580	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	124	5620	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	132	5660	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	140	5700	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	144	5720	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	100	5500	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	116	5580	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	124	5620	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	132	5660	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	140	5700	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	144	5720	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
802.11ax-HE40 MCS0	100	5500	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	99.63	
	116	5580	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00		
	124	5620	14.00	14.00	14.00	14.00	17.0	14.00	14.00	14.00	14.00	14.00	17.0	14				

WLAN 5GHz		Hotspot Power level 2										Hotspot Power level 3										Extremely/Body wear Power level 1										Extremely/Body wear Power level 2										Extremely/Body wear Power level 3										
Mode	Channel	Frequency (MHz)	Ave 54(S)		Ave 54(S)		Ave 54(S)		Ave 54(S)		Ave 54(S)		Ave 54(S)		Ave 54(S)		Ave 54(S)		Ave 54(S)		Ave 54(S)		Ave 54(S)		Ave 54(S)		Ave 54(S)		Ave 54(S)		Duty Cycle																					
			Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit																						
1.8GHz WLAN	802.11a Mbps	149	5745	15.00	15.00	15.0	12.00	12.00	12.00	15.0	16.50	17.50	16.34	17.50	19.44	20.5	16.50	16.50	19.5	13.50	13.50	16.5	99.06																													
		157	5785	15.00	15.00	15.0	12.00	12.00	12.00	15.0	15.79	17.00	16.07	17.00	18.94	20.0	16.50	16.50	19.5	13.50	13.50	16.5																														
		165	5825	15.00	15.00	15.0	12.00	12.00	12.00	15.0	15.69	17.00	16.18	17.00	18.95	20.0	16.50	16.50	19.5	13.50	13.50	16.5																														
		149	5745	15.00	15.00	15.0	12.00	12.00	12.00	15.0	16.20	17.50	16.14	17.50	19.18	20.5	16.50	16.50	19.5	13.50	13.50	16.5																														
		157	5785	15.00	15.00	15.0	12.00	12.00	12.00	15.0	15.55	17.00	15.76	17.00	18.95	20.0	16.50	16.50	19.5	13.50	13.50	16.5																														
	802.11n-H20 MCS0	165	5825	15.00	15.00	15.0	12.00	12.00	12.00	15.0	15.43	17.00	16.02	17.00	18.74	20.5	16.50	16.50	19.5	13.50	13.50	16.5																														
		151	5785	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	15.0	16.41	17.00	15.60	17.00	18.60	20.0	Not Required	Not Required	Not Required	13.50	13.50	Not Required	99.63																													
		159	5785	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	15.0	15.69	17.00	15.84	17.00	18.78	20.0	Not Required	Not Required	Not Required	13.50	13.50	Not Required																														
		802.11ac-VHT20 MCS0	149	5745	15.00	15.00	15.0	12.00	12.00	12.00	15.0	17.50	17.50	17.50	20.5	16.50	16.50	16.50	19.5	13.50	13.50	16.5	99.63																													
			157	5785	15.00	15.00	15.0	12.00	12.00	12.00	15.0	Not Required	Not Required	Not Required	20.0	16.50	16.50	16.50	19.5	13.50	13.50	16.5																														
165	5825		15.00	15.00	15.0	12.00	12.00	12.00	15.0	Not Required	Not Required	Not Required	20.0	16.50	16.50	16.50	19.5	13.50	13.50	16.5																																
151	5785		15.00	15.00	15.0	12.00	12.00	12.00	15.0	Not Required	Not Required	Not Required	20.0	16.50	16.50	16.50	19.5	13.50	13.50	16.5																																
159	5785		15.00	15.00	15.0	12.00	12.00	12.00	15.0	Not Required	Not Required	Not Required	20.0	16.50	16.50	16.50	19.5	13.50	13.50	16.5																																
1.8GHz WLAN	802.11ac-VHT40 MCS0	155	5775	13.00	13.33	10.00	16.20	10.51	12.00	15.0	15.12	15.58	17.00	18.37	20.0	14.72	14.98	17.85	11.53	13.50	12.01	14.79	99.63																													
		149	5745	15.00	15.00	15.0	12.00	12.00	12.00	15.0	16.32	17.50	16.22	17.50	19.28	20.5	16.50	16.50	19.5	13.50	13.50	16.5	99.63																													
		157	5785	15.00	15.00	15.0	12.00	12.00	12.00	15.0	15.65	17.00	15.81	17.00	18.74	20.0	16.50	16.50	19.5	13.50	13.50	16.5																														
		165	5825	15.00	15.00	15.0	12.00	12.00	12.00	15.0	15.44	17.00	15.60	17.00	18.60	20.0	Not Required	Not Required	Not Required	13.50	13.50	Not Required																														
		151	5785	Required	Required	15.0	12.00	12.00	12.00	15.0	15.46	17.00	15.82	17.00	18.65	20.0	Not Required	Not Required	Not Required	13.50	13.50	Required	99.63																													
	802.11ac-VHT80 MCS0	155	5775	15.00	15.00	15.0	12.00	12.00	12.00	15.0	15.84	17.00	15.99	17.00	18.92	20.0	16.50	16.50	19.5	13.50	13.50	16.5	99.63																													
		149	5745	15.00	15.00	15.0	12.00	12.00	12.00	15.0	16.32	17.50	16.22	17.50	19.28	20.5	16.50	16.50	19.5	13.50	13.50	16.5	99.63																													
		157	5785	15.00	15.00	15.0	12.00	12.00	12.00	15.0	15.65	17.00	15.81	17.00	18.74	20.0	16.50	16.50	19.5	13.50	13.50	16.5	99.63																													
		165	5825	15.00	15.00	15.0	12.00	12.00	12.00	15.0	15.44	17.00	15.60	17.00	18.60	20.0	Not Required	Not Required	Not Required	13.50	13.50	Not Required																														
		151	5785	Required	Required	15.0	12.00	12.00	12.00	15.0	15.46	17.00	15.82	17.00	18.65	20.0	Not Required	Not Required	Not Required	13.50	13.50	Required	99.63																													
1.8GHz WLAN	802.11ac-VHT160 MCS0	155	5775	13.00	13.33	10.00	16.20	10.51	12.00	15.0	15.12	15.58	17.00	18.37	20.0	14.72	14.98	17.85	11.53	13.50	12.01	14.79	99.63																													
		149	5745	15.00	15.00	15.0	12.00	12.00	12.00	15.0	16.32	17.50	16.22	17.50	19.28	20.5	16.50	16.50	19.5	13.50	13.50	16.5	99.63																													
		157	5785	15.00	15.00	15.0	12.00	12.00	12.00	15.0	15.65	17.00	15.81	17.00	18.74	20.0	16.50	16.50	19.5	13.50	13.50	16.5	99.63																													
		165	5825	15.00	15.00	15.0	12.00	12.00	12.00	15.0	15.44	17.00	15.60	17.00	18.60	20.0	Not Required	Not Required	Not Required	13.50	13.50	Not Required																														
		151	5785	Required	Required	15.0	12.00	12.00	12.00	15.0	15.46	17.00	15.82	17.00	18.65	20.0	Not Required	Not Required	Not Required	13.50	13.50	Required	99.63																													
	802.11n-H20 MCS0	151	5785	15.00	15.00	15.0	12.00	12.00	12.00	15.0	15.84	17.00	15.99	17.00	18.92	20.0	16.50	16.50	19.5	13.50	13.50	16.5	99.63																													
		149	5745	15.00	15.00	15.0	12.00	12.00	12.00	15.0	16.32	17.50	16.22	17.50	19.28	20.5	16.50	16.50	19.5	13.50	13.50	16.5	99.63																													
		157	5785	15.00	15.00	15.0	12.00	12.00	12.00	15.0	15.65	17.00	15.81	17.00	18.74	20.0	16.50	16.50	19.5	13.50	13.50	16.5	99.63																													
		165	5825	15.00	15.00	15.0	12.00	12.00	12.00	15.0	15.44	17.00	15.60	17.00	18.60	20.0	Not Required	Not Required	Not Required	13.50	13.50	Not Required																														
		151	5785	Required	Required	15.0	12.00	12.00	12.00	15.0	15.46	17.00	15.82	17.00	18.65	20.0	Not Required	Not Required	Not Required	13.50	13.50	Required	99.63																													