

Full & Default Power

GSM850 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.75	32.84	32.78	33.50	23.75	23.84	23.78	24.50
GPRS 1 Tx slot	32.72	32.81	32.76	33.50	23.72	23.81	23.76	24.50
GPRS 3 Tx slots	29.53	29.31	29.55	30.50	23.53	23.31	23.55	24.50
GPRS 4 Tx slots	27.72	27.53	27.50	28.50	23.46	23.27	23.24	24.24
GPRS 4 Tx slots	26.41	26.38	26.30	27.50	23.41	23.38	23.30	24.50
EDGE 1 Tx slot	26.76	26.71	26.73	27.50	17.76	17.71	17.73	18.50
EDGE 2 Tx slots	25.39	25.32	25.35	26.50	19.39	19.32	19.35	20.50
EDGE 3 Tx slots	23.86	23.86	23.70	24.50	19.60	19.40	19.44	20.24
EDGE 4 Tx slots	21.64	21.65	21.54	22.50	18.64	18.65	18.54	19.50

Band	WCDMA V Ant 0			Tune-up Limit (dBm)
	4132	4182	4233	
TX Channel	4357	4407	4458	
Rx Channel	4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps	22.89	22.96	22.78	24.00
3GPP Rel 99 RMC 12.2Kbps	22.95	23.03	22.96	24.00
3GPP Rel 6 HSDPA Subtest-1	22.05	22.00	21.90	23.00
3GPP Rel 6 HSDPA Subtest-2	22.01	21.98	21.99	23.00
3GPP Rel 6 HSDPA Subtest-3	21.53	21.58	21.52	22.50
3GPP Rel 6 HSDPA Subtest-4	21.47	21.46	21.52	22.50
3GPP Rel 8 DC-HSDPA Subtest-1	22.02	21.95	22.03	23.00
3GPP Rel 8 DC-HSDPA Subtest-2	22.04	22.04	21.92	23.00
3GPP Rel 8 DC-HSDPA Subtest-3	21.50	21.49	21.37	22.50
3GPP Rel 8 DC-HSDPA Subtest-4	21.37	21.62	21.49	22.50
3GPP Rel 6 HSUPA Subtest-1	21.93	22.02	22.03	23.00
3GPP Rel 6 HSUPA Subtest-2	20.05	19.97	19.96	21.00
3GPP Rel 6 HSUPA Subtest-3	21.05	20.94	20.85	22.00
3GPP Rel 6 HSUPA Subtest-4	19.84	20.12	20.03	21.00
3GPP Rel 6 HSUPA Subtest-5	21.85	22.14	21.86	23.00

Band 5 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up (dB)	MPE (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.83	22.86	22.88			
10	QPSK	1	25	22.85	22.88	22.90			
10	QPSK	1	49	22.79	22.81	22.83	24	0	
10	QPSK	25	0	21.88	22.07	22.50			
10	QPSK	25	12	21.90	21.93	21.97			
10	QPSK	25	25	22.06	21.97	21.86	23	1	
10	QPSK	50	0	21.84	22.03	21.89			
10	16QAM	1	0	21.95	22.04	22.01			
10	16QAM	1	25	21.92	21.89	21.99	23	1	
10	16QAM	49	22.05	21.85	22.03				
10	16QAM	25	0	21.02	21.02	20.97			
10	16QAM	25	12	21.00	20.99	21.05	22	2	
10	16QAM	25	25	21.03	20.98	20.96			
10	16QAM	50	0	20.95	20.94	21.01			
10	64QAM	1	0	20.95	20.94	20.97			
10	64QAM	1	25	20.99	20.98	20.93	22	2	
10	64QAM	1	49	21.08	20.99	20.88			
10	64QAM	25	0	19.92	19.90	19.94			
10	64QAM	25	12	19.87	19.92	20.03	21	3	
10	64QAM	25	25	19.94	19.94	19.93			
10	64QAM	50	0	19.93	19.89	19.91			
10	256QAM	1	0	18.67	18.62	17.96			
10	256QAM	1	25	18.09	18.03	18.05	19	5	
10	256QAM	1	49	18.03	18.03	18.08			
10	256QAM	25	0	17.82	17.82	17.86			
10	256QAM	25	12	18.11	17.91	18.05	19	5	
10	256QAM	25	25	17.82	17.83	17.96			
10	256QAM	50	0	18.03	18.03	18.08			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.68	22.65	22.76			
5	QPSK	1	12	22.62	22.62	22.72	24	0	
5	QPSK	1	24	22.65	22.64	22.63			
5	QPSK	12	0	21.90	22.02	21.99			
5	QPSK	12	13	22.00	21.89	21.87	23	1	
5	QPSK	12	13	22.04	21.90	21.82			
5	QPSK	25	0	21.90	21.88	21.76			
5	16QAM	1	0	21.98	21.88	21.81			
5	16QAM	1	12	21.81	21.78	21.93	23	1	
5	16QAM	12	0	21.86	21.78	21.59			
5	16QAM	12	0	20.90	20.82	20.75			
5	16QAM	12	7	21.02	20.80	20.87	22	2	
5	16QAM	12	7	21.01	20.79	20.88			
5	16QAM	25	0	20.73	20.69	20.90			
5	64QAM	1	0	20.84	20.50	20.98			
5	64QAM	1	12	20.88	20.77	20.87	22	2	
5	64QAM	1	24	20.96	20.90	20.81			
5	64QAM	12	0	19.88	19.74	19.94			
5	64QAM	12	0	19.85	19.68	19.88	21	3	
5	64QAM	12	13	19.94	19.94	19.77			
5	64QAM	25	0	19.84	19.71	19.71			
5	256QAM	1	0	18.70	18.62	17.96			
5	256QAM	1	12	17.90	17.90	17.89	19	5	
5	256QAM	1	24	17.91	17.86	18.04			
5	256QAM	12	0	17.85	17.85	17.86			
5	256QAM	12	7	18.02	17.74	18.06	19	5	
5	256QAM	12	13	17.74	17.84	17.75			
5	256QAM	25	0	17.89	18.03	17.84			
Channel									
Frequency (MHz)									
3	QPSK	1	0	22.63	22.63	22.63			
3	QPSK	1	14	22.61	22.68	22.63	24	0	
3	QPSK	8	0	21.71	21.87	21.88			
3	QPSK	8	8	21.90	21.72	21.85	23	1	
3	QPSK	8	7	22.01	21.86	21.76			
3	16QAM	1	0	21.84	22.00	22.00			
3	16QAM	1	8	21.75	21.70	21.92	23	1	
3	16QAM	1	20	21.84	21.73	21.85			
3	16QAM	8	0	20.81	20.94	20.71			
3	16QAM	8	4	20.80	20.74	21.00	22	2	
3	16QAM	8	7	20.86	20.81	20.74			
3	16QAM	15	0	20.75	20.71	20.98			
3	64QAM	1	0	20.81	20.75	20.74			
3	64QAM	1	8	20.86	20.76	20.73	22	2	
3	64QAM	1	14	20.98	20.73	20.85			
3	64QAM	8	0	19.90	19.74	19.85			
3	64QAM	8	4	19.87	19.77	19.92	21	3	
3	64QAM	8	7	19.92	19.87	19.89			
3	64QAM	15	0	19.79	19.71	19.92			
3	256QAM	1	0	18.02	17.86	17.76			
3	256QAM	1	8	17.96	17.90	17.87	19	5	
3	256QAM	1	14	17.86	18.04	18.02			
3	256QAM	8	0	17.77	17.95	17.98			
3	256QAM	8	4	18.06	17.90	17.90	19	5	
3	256QAM	8	7	17.71	17.90	17.91			
3	256QAM	15	0	17.88	17.89	17.96			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.63	22.63	22.63			
1.4	QPSK	1	3	22.59	22.60	22.61	24	0	
1.4	QPSK	1	5	22.59	22.62	22.62			
1.4	QPSK	3	0	22.73	22.91	23.76			
1.4	QPSK	3	1	22.53	22.80	22.87			
1.4	QPSK	3	3	22.77	22.89	22.83	23	1	
1.4	QPSK	6	0	21.93	21.88	21.85			
1.4	16QAM	1	0	21.87	21.99	21.85			
1.4	16QAM	1	3	21.71	21.86	21.90	23	1	
1.4	16QAM	1	5	21.84	21.87	21.81			
1.4	16QAM	3	0	21.84	21.84	21.73			
1.4	16QAM	3	1	21.94	22.00	21.97			
1.4	16QAM	3	3	21.74	21.68	21.76	22	2	
1.4	16QAM	6	0	20.84	20.69	20.99			
1.4	64QAM	1	0	20.77	20.69	20.81			
1.4	64QAM	1	3	20.83	20.69	20.99	22	2	
1.4	64QAM	1	5	20.91	20.84	20.88			
1.4	64QAM	3	0	20.88	20.76	21.00			
1.4	64QAM	3	3	20.84	20.85	20.83	21	3	
1.4	64QAM	3	3	20.92	20.73	20.99			
1.4	64QAM	6	0	19.76	19.77	19.76			
1.4	256QAM	1	0	18.02	17.89	17.83			
1.4	256QAM	1	3	18.03	17.99	17.97			
1.4	256QAM	1	5	18.04	17.96	18.00	19	5	
1.4	256QAM	3	0	17.88	17.87	17.87			
1.4	256QAM	3	1	18.02	17.76	17.97			
1.4	256QAM	3	3	17.73	17.83	17.96	19	5	
1.4	256QAM	6	0	17.89	17.86	17.76			

Band 12 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq 20060	Power Mid Ch / Freq 20090	Power High Ch / Freq 21100	Tune-up (dB)	MPE (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.82	22.82	22.85			
10	QPSK	1	25	22.85	22.81	22.77	24	0	
10	QPSK	1	49	22.89	22.82	22.78			
10	QPSK	25	0	21.91	22.07	22.01			
10	QPSK	25	12	21.90	21.87	21.89	23	1	
10	QPSK	25	25	21.94	21.86	22.03			
10	16QAM	1	0	22.09	21.99	21.94			
10	16QAM	1	25	21.86	21.98	22.09	23	1	
10	16QAM	1	49	21.96	21.96	21.90			
10	16QAM	25	0	20.91	20.93	20.94			
10	16QAM	25	12	20.80	20.98	20.91	22	2	
10	16QAM	25	25	20.88	20.79	20.83			
10	16QAM	50	0	20.78	20.92	20.89			
10	64QAM	1	0	20.85	20.87	20.83	22	2	
10	64QAM	1	25	20.72	20.72	20.75			
10	64QAM	1	49	20.85	20.85	20.79			
10	64QAM	25	0	19.81	19.72	19.75			
10	64QAM	25	12	19.85	19.70	19.80	21	3	
10	64QAM	25	25	19.85	19.77	19.72			
10	64QAM	50	0	19.91	19.90	19.71			
10	256QAM	1	0	17.77	17.78	17.80	19	5	
10	256QAM	1	49	17.90	17.82	17.76			
10	256QAM	25	0	17.85	17.86	17.82			
10	256QAM	25	12	17.67	17.79	17.70	19	5	
10	256QAM	25	25	17.69	17.81	17.85			
10	256QAM	50	0	17.80	17.80	17.83			
Channel									
Frequency (MHz)									
5	QPSK	1	0	20.68	20.66	20.65			
5	QPSK	1	12	20.68	20.68	20.64	24	0	
5	QPSK	1	24	20.68	20.66	20.72			
5	QPSK	12	0	21.81	21.84	21.81			
5	QPSK	12	13	21.80	21.82	21.88	23	1	
5	QPSK	12	25	21.83	21.86	21.83			
5	16QAM	1	0	20.09	20.18	20.09			
5	16QAM	1	12	21.70	21.63	21.64	23	1	
5	16QAM	1	25	21.70	21.62	21.69			
5	16QAM	12	0	20.59	20.63	20.60			
5	16QAM	12	7	20.60	20.54	20.70	22	2	
5	16QAM	12	13	20.60	20.52	20.68			
5	16QAM	25	0	20.64	20.65	20.61			
5	64QAM	1	0	20.67	20.40	20.78	22	2	
5	64QAM	1	12	20.63	20.59	20.67			
5	64QAM	1	24	20.67	20.48	20.75			
5	64QAM	12	0	19.73	19.57	19.62			
5	64QAM	12	7	19.68	19.58	19.97	21	3	
5	64QAM	12	13	19.68	19.59	19.55			
5	64QAM	25	0	19.91	19.70	19.95			
5	256QAM	1	0	17.65	17.66	17.67	19	5	
5	256QAM	1	12	17.58	17.67	17.62			
5	256QAM	1	24	17.67	17.72	17.65			
5	256QAM	12	0	17.61	17.61	17.61	19	5	
5	256QAM	12	7	17.54	17.66	17.71			
5	256QAM	12	13	17.50	17.70	17.73			
5	256QAM	25	0	17.74	17.74	17.74	19	5	
Channel									
Frequency (MHz)									
3	QPSK	1	0	20.03	20.06	20.06			
3	QPSK	1	12	22.24	22.24	22.24			
3	QPSK	1	24	22.25	22.23	22.64	24	0	
3	QPSK	1	14	22.64	22.69	22.63			
3	QPSK	12	0	20.01	20.01	20.01			
3	QPSK	12	4	21.89	21.73	21.78	23	1	
3	QPSK	12	7	21.95	21.65	20.21			
3	16QAM	1	0	21.81	21.84	21.82			
3	16QAM	1	4	21.93	21.87	21.91	23	1	
3	16QAM	1	8	21.87	21.88	21.87			
3	16QAM	1	12	21.91	21.91	21.90	22	2	
3	16QAM	1	16	20.61	20.60	20.76			
3	16QAM	1	4	20.80	20.87	20.89			
3	16QAM	1	8	20.88	20.88	20.87	21	3	
3	16QAM	1	12	20.72	20.66	20.86			
3	16QAM	1	16	20.55	20.47	20.77			
3	16QAM	12	0	20.71	20.68	20.63	22	2	
3	16QAM	12	4	20.52	20.60	20.61			
3	16QAM	12	8	19.74	19.03	19.75			
3	16QAM	12	12	19.75	19.67	19.77	21	3	
3	16QAM	12	16	19.84	19.78	19.59			
3	16QAM	15	0	19.76	19.86	19.72			
3	256QAM	1	0	17.68	17.68	17.68	19	5	
3	256QAM	1	14	17.76	17.61	17.69			
3	256QAM	1	18	17.68	17.57	17.63			
3	256QAM	1	4	17.45	17.72	17.51	19	5	
3	256QAM	1	7	17.56	17.60	17.77			
3	256QAM	1	11	17.58	17.68	17.69	19	5	
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	20.017	20.069	20.019			
1.4	QPSK	1	0	20.017	20.017	20.013			
1.4	QPSK	1	3	22.44	22.71	22.50			
1.4	QPSK	1	5	22.63	22.83	22.71	24	0	
1.4	QPSK	1	9	22.69	22.69	22.69			
1.4	QPSK	3	1	22.45	22.68	22.55			
1.4	QPSK	3	3	22.50	22.75	22.55			
1.4	QPSK	3	5	22.70	22.70	22.70	23	1	
1.4	16QAM	1	0	21.89	21.70	21.52			
1.4	16QAM	1	3	21.64	21.77	21.60			
1.4	16QAM	1	9	21.87	21.58	21.57	23	1	
1.4	16QAM	3	1	21.73	21.84	21.80			
1.4	16QAM	3	1	21.84	21.66	21.88			
1.4	16QAM	3	3	21.93	21.93	21.93	22	2	
1.4	16QAM	6	0	20.69	20.63	20.71			
1.4	16QAM	6	0	20.44	20.47	20.79			
1.4	16QAM	6	3	20.39	20.39	20.39	22	2	
1.4	16QAM	6	5	20.43	20.44	20.77			
1.4	16QAM	6	9	20.71	20.52	20.78			
1.4	16QAM	6	9	20.77	20.64	20.87	22	2	
1.4	16QAM	6	9	20.65	20.71	20.80			
1.4	64QAM	6	0	19.74	19.69	19.87	21	3	
1.4	64QAM	6	3	19.62	19.62	19.62			
1.4	256QAM	6	3	17.68	17.67	17.72			
1.4	256QAM	6	1	17.88	17.79	17.56	19	5	
1.4	256QAM	6	3	17.69	17.56	17.66			
1.4	256QAM	6	1	17.64	17.60	17.58			
1.4	256QAM	6	3	17.63	17.65	17.65			
1.4	256QAM	6	3	17.65	17.65	17.65	19	5	

Band 26 Ant 0												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power Hg Ch. / Freq.	Turn-up limit (dBm)	APPR (dB)				
Channel												
Frequency (MHz)				821.5	831.5	841.5						
15	QPSK	1	0	22.85	23.66	22.88	24	0				
15	QPSK	1	31	22.84	22.75	22.88						
15	QPSK	1	74	22.78	22.91	23.78						
15	QPSK	36	0	21.65	21.65	21.61						
15	QPSK	36	20	21.81	21.83	21.75	23	1				
15	QPSK	36	39	21.84	21.85	21.80						
15	QPSK	75	0	21.71	21.72	21.76						
15	16QAM	1	31	21.75	21.78	21.76						
15	16QAM	1	74	21.78	21.90	21.82	23	1				
15	16QAM	36	0	20.84	20.79	20.79						
15	16QAM	36	20	20.84	20.92	20.84						
15	16QAM	75	0	21.00	20.87	20.97						
15	64QAM	1	0	20.88	20.70	20.73	22	2				
15	64QAM	1	31	20.91	20.76	20.89						
15	64QAM	36	20	20.01	19.98	19.80						
15	64QAM	36	39	19.93	19.82	19.87						
15	256QAM	1	0	17.73	17.73	17.87	19	5				
15	256QAM	1	31	17.71	17.64	17.82						
15	256QAM	1	74	17.92	17.80	17.84						
15	256QAM	36	0	17.75	17.69	17.78						
15	256QAM	36	20	17.88	17.71	17.78						
15	256QAM	36	39	17.83	17.87	17.83						
15	256QAM	75	0	17.84	17.78	17.81						
Channel												
Frequency (MHz)				819	831.5	844	Turn-up limit (dBm)	APPR (dB)				
10	QPSK	1	0	22.71	22.88	22.73	24	0				
10	QPSK	1	25	22.78	22.85	22.86						
10	QPSK	1	49	22.62	22.75	22.68						
10	QPSK	25	0	21.69	21.81	21.81						
10	QPSK	25	12	21.77	21.78	21.75	23	1				
10	QPSK	25	25	21.78	21.79	21.89						
10	QPSK	50	0	21.68	21.69	21.66						
10	16QAM	1	0	21.70	21.71	21.68						
10	16QAM	1	25	21.75	21.58	21.75	23	1				
10	16QAM	1	49	21.59	21.81	21.74						
10	16QAM	25	0	20.77	20.80	20.58						
10	16QAM	25	12	20.71	20.89	20.72						
10	16QAM	25	25	20.78	20.80	20.59	22	2				
10	16QAM	50	0	20.81	20.78	20.79						
10	64QAM	1	0	20.86	20.70	20.73						
10	64QAM	1	25	20.79	20.66	20.78						
10	64QAM	1	49	20.52	20.65	20.74	21	3				
10	64QAM	25	0	19.82	19.86	19.88						
10	64QAM	25	12	19.86	19.97	19.88						
10	64QAM	25	25	19.94	19.92	19.75						
10	64QAM	50	0	19.80	19.86	19.78	19	5				
10	256QAM	1	0	17.58	17.58	17.87						
10	256QAM	1	25	17.54	17.84	17.54						
10	256QAM	1	49	17.71	17.86	17.80						
10	256QAM	25	0	17.65	17.52	17.78	19	5				
10	256QAM	25	12	17.68	17.52	17.59						
10	256QAM	25	25	17.70	17.65	17.91						
10	256QAM	50	0	17.83	17.74	17.76						
Channel												
Frequency (MHz)				816.5	831.5	846.5	Turn-up limit (dBm)	APPR (dB)				
5	QPSK	1	0	22.78	22.74	22.87	24	0				
5	QPSK	1	12	22.80	22.55	22.89						
5	QPSK	1	24	22.72	22.70	22.86						
5	QPSK	12	0	21.80	21.78	21.84						
5	QPSK	12	7	21.76	21.65	21.82	23	1				
5	QPSK	12	13	21.67	21.87	21.79						
5	QPSK	36	0	21.63	21.60	21.87						
5	16QAM	1	0	21.64	21.53	21.69						
5	16QAM	1	12	21.66	21.78	21.72	23	1				
5	16QAM	1	24	21.60	21.75	21.82						
5	16QAM	12	0	20.79	20.74	20.79						
5	16QAM	12	7	20.85	20.77	20.86						
5	16QAM	12	13	20.81	20.86	20.89	22	2				
5	16QAM	25	0	20.98	20.78	20.79						
5	64QAM	1	0	20.83	20.85	20.64						
5	64QAM	1	12	20.83	20.71	20.85						
5	64QAM	1	24	20.68	20.73	20.70	21	3				
5	64QAM	12	0	19.96	19.73	19.86						
5	64QAM	12	7	19.89	19.95	19.85						
5	64QAM	12	13	19.89	19.80	19.87						
5	64QAM	25	0	19.69	19.86	19.73	19	5				
5	256QAM	1	0	17.63	17.60	17.83						
5	256QAM	1	12	17.71	17.85	17.83						
5	256QAM	1	24	17.91	17.87	17.71						
5	256QAM	12	0	17.62	17.62	17.81	19	5				
5	256QAM	12	7	17.83	17.59	17.87						
5	256QAM	12	13	17.62	17.76	17.87						
5	256QAM	25	0	17.74	17.77	17.76						
Channel												
Frequency (MHz)				815.5	831.5	847.5	Turn-up limit (dBm)	APPR (dB)				
3	QPSK	1	0	22.82	22.72	22.87	24	0				
3	QPSK	1	8	22.84	22.72	22.87						
3	QPSK	1	14	22.76	22.73	22.72						
3	QPSK	8	0	21.75	21.90	21.84						
3	QPSK	8	4	21.71	21.79	21.89	23	1				
3	QPSK	8	7	21.62	21.82	21.63						
3	QPSK	16	0	21.44	21.72	21.69						
3	16QAM	1	0	21.57	21.52	21.67						
3	16QAM	1	8	21.62	21.68	21.75	23	1				
3	16QAM	1	14	21.44	21.65	21.53						
3	16QAM	8	0	20.70	20.72	20.79						
3	16QAM	8	4	20.69	20.73	20.62						
3	16QAM	8	7	20.85	20.78	20.78	22	2				
3	16QAM	16	0	21.00	20.61	20.89						
3	64QAM	1	0	20.77	20.67	20.69						
3	64QAM	1	8	20.93	20.68	20.77						
3	64QAM	1	14	20.81	20.78	20.73	21	3				
3	64QAM	8	0	19.92	19.85	19.82						
3	64QAM	8	4	19.97	19.79	19.89						
3	64QAM	8	7	19.86	19.77	19.79						
3	64QAM	16	0	19.69	19.83	19.84	19	5				
3	256QAM	1	0	17.70	17.69	17.88						
3	256QAM	1	8	17.66	17.81	17.78						
3	256QAM	1	14	17.75	17.89	17.71						
3	256QAM	8	0	17.77	17.66	17.81	19	5				
3	256QAM	8	4	17.84	17.62	17.82						
3	256QAM	8	7	17.79	17.86	17.85						
3	256QAM	16	0	17.74	17.73	17.76						
Channel												
Frequency (MHz)				814.5	831.5	848.5	Turn-up limit (dBm)	APPR (dB)				
1.4	QPSK	1	0	22.92	22.81	22.93	24	0				
1.4	QPSK	1	3	22.96	22.72	22.92						
1.4	QPSK	1	6	22.81	22.64	22.82						
1.4	QPSK	3	0	22.57	22.81	22.83						
1.4	QPSK	3	3	22.57	22.81	22.83	23	1				
1.4	16QAM	1	0	21.64	21.72	21.72						
1.4	16QAM	1	3	21.69	21.70	21.80						
1.4	16QAM	1	6	21.62	21.62	21.81						
1.4	16QAM	3	0	21.54	21.69	21.80	23	1				
1.4	16QAM	3	3	21.74	21.50	21.83						
1.4	16QAM	6	0	21.70	21.69	21.81						
1.4	16QAM	6	3	20.80	20.60	20.77						
1.4	64QAM	1	0	20.88	20.83	20.69	22	2				
1.4	64QAM	1	3	20.92	20.72	20.77						
1.4	64QAM	3	0	20.83	20.77	20.80						
1.4	64QAM	3	3	20.87	20.70	20.83						
1.4	64QAM	6	0	20.71	20.80	20.79	21	3				
1.4	64QAM	6	3	20.85	20.90	20.84						
1.4	256QAM	1	0	17.63	17.72	17.80						
1.4	256QAM	1	3	17.43	17.83	17.78						
1.4	256QAM	1	6	17.54	17.83	17.78	19	5				
1.4	256QAM	3	0	17.72	17.72	17.74						
1.4	256QAM	3	3	17.72	17.72	17.74						
1.4	256QAM	6	0	17.72	17.72	17.74						
1.4	256QAM	6	3	17.72	17.72	17.74						

GSM1900 Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1550.2	1550.2	1550.2	1550.2	1550.2	1550.2	1550.2	1550.2
Frequency (MHz)	29.15	29.16	29.09	30.50	20.15	20.16	20.09	21.50
GSM 1 Tx slot	29.12	29.14	29.05	30.50	20.12	20.14	20.05	21.50
GPRS 1 Tx slot	25.60	25.63	25.81	26.50	19.60	19.63	19.81	20.50
GPRS 2 Tx slots	23.92	23.73	23.93	25.00	19.66	19.47	19.67	20.74
GPRS 3 Tx slots	22.30	22.37	22.38	23.50	19.30	19.37	19.38	20.50
EDGE 1 Tx slot	25.37	25.19	25.38	26.50	16.37	16.19	16.38	17.50
EDGE 2 Tx slots	23.65	23.64	23.75	24.50	17.65	17.64	17.75	18.50
EDGE 3 Tx slots	21.78	21.76	21.81	23.00	17.52	17.50	17.55	18.74
EDGE 4 Tx slots	19.85	19.69	19.88	21.00	16.85	16.69	16.88	18.00

Band	WCDMA II Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513	
TX Channel	9562	9600	9938	1537	1537	1638	1738	1738
Rx Channel	1532.4	1536	1597.3	1712.4	1723.3	1752.6	1752.6	1752.6
Frequency (MHz)	22.56	22.80	22.75	24.00	22.83	22.70	22.72	24.00
3GPP Rel 99 AMR 12.2Kbps	22.76	22.81	22.78	24.00	22.87	22.92	22.89	24.00
3GPP Rel 99 RMC 12.2Kbps	21.65	21.80	21.66	23.00	21.75	21.73	21.84	23.00
3GPP Rel 6 HSDPA Subtest-1	21.83	21.92	21.69	23.00	21.83	21.75	21.75	23.00
3GPP Rel 6 HSDPA Subtest-2	21.42	21.33	21.35	22.50	21.33	21.49	21.47	22.50
3GPP Rel 6 HSDPA Subtest-3	21.38	21.48	21.39	22.50	21.29	21.43	21.42	22.50
3GPP Rel 6 HSDPA Subtest-4	21.75	21.83	21.82	23.00	21.74	21.90	21.86	23.00
3GPP Rel 8 DC-HSDPA Subtest-1	21.84	21.91	21.86	23.00	21.68	21.82	21.76	23.00
3GPP Rel 8 DC-HSDPA Subtest-2	21.42	21.52	21.42	22.50	21.25	21.46	21.40	22.50
3GPP Rel 8 DC-HSDPA Subtest-3	21.43	21.48	21.38	22.50	21.29	21.37	21.27	22.50
3GPP Rel 8 DC-HSDPA Subtest-4	21.72	21.79	21.86	23.00	21.74	21.80	21.76	23.00
3GPP Rel 6 HSUPA Subtest-1	19.70	19.79	19.67	21.00	19.83	19.82	19.78	21.00
3GPP Rel 6 HSUPA Subtest-2	20.87	20.88	20.95	22.00	20.83	20.89	20.92	22.00
3GPP Rel 6 HSUPA Subtest-3	19.76	19.79	19.86	21.00	19.95	19.93	19.86	21.00
3GPP Rel 6 HSUPA Subtest-4	21.78	21.81	21.80	23.00	21.68	21.79	21.85	23.00
3GPP Rel 6 HSUPA Subtest-5								

Band 2 Ant 1										
BW (MHz)	Modulation	RIS Size	RIS Offset	Power Ch./Freq.	Power Hsp./Ch./Freq.	Power Hsp./Ch./Freq.	Turn-on Time (sec)	MFR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.72	22.60	22.63	24	0		
20	QPSK	1	99	22.53	22.50	22.52				
20	QPSK	1	0	21.80	21.80	21.87	23	1		
20	QPSK	50	24	21.83	21.84	21.74				
20	QPSK	50	50	21.74	21.67	21.74	23	1		
20	QPSK	100	0	21.80	21.84	21.82				
20	QPSK	1	0	21.78	21.86	21.82	23	1		
20	QPSK	1	99	21.81	21.76	21.73				
20	QPSK	50	0	20.98	20.78	20.83	22	2		
20	QPSK	50	24	20.94	20.94	20.76				
20	QPSK	50	50	20.84	20.81	20.81	22	2		
20	QPSK	50	99	20.81	20.76	20.71				
20	QPSK	100	0	20.74	20.64	20.76	21	3		
20	QPSK	100	0	20.68	20.73	20.74				
20	QPSK	1	49	20.69	20.71	20.81	22	2		
20	QPSK	1	99	20.64	20.60	20.68				
20	QPSK	50	0	19.79	19.81	19.82	21	3		
20	QPSK	50	24	19.75	19.70	19.63				
20	QPSK	50	50	19.66	19.63	19.76	19	5		
20	QPSK	50	99	19.77	19.67	19.65				
20	QPSK	100	0	19.81	19.84	19.76	19	5		
20	QPSK	100	0	19.78	19.79	19.79				
20	QPSK	100	0	17.76	17.69	17.74	19	5		
20	QPSK	100	0	17.73	17.73	17.78				
20	QPSK	100	0	17.78	17.78	17.78				
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.60	22.62	22.78	24	0		
15	QPSK	1	99	22.57	22.79	22.88				
15	QPSK	1	74	22.51	22.78	22.81	23	1		
15	QPSK	36	0	21.76	21.87	21.98				
15	QPSK	36	24	21.78	21.83	21.70	23	1		
15	QPSK	36	99	21.64	21.50	21.68				
15	QPSK	75	0	21.68	21.71	21.68	23	1		
15	QPSK	75	0	21.69	21.81	21.61				
15	QPSK	1	37	21.61	21.71	21.52	22	2		
15	QPSK	1	99	21.77	21.73	21.71				
15	QPSK	36	0	20.84	20.81	20.79	21	3		
15	QPSK	36	20	20.46	20.59	20.71				
15	QPSK	36	99	20.58	20.60	20.55	22	2		
15	QPSK	75	0	20.63	20.60	20.55				
15	QPSK	1	0	20.64	20.75	20.63	22	2		
15	QPSK	1	99	20.62	20.70	20.77				
15	QPSK	1	74	20.51	20.55	20.53	21	3		
15	QPSK	36	0	19.79	19.71	19.82				
15	QPSK	36	20	19.82	19.78	19.88	21	3		
15	QPSK	36	99	19.25	19.75	19.72				
15	QPSK	75	0	19.73	19.80	19.82	19	5		
15	QPSK	75	0	19.71	17.66	17.50				
15	QPSK	1	74	17.70	17.70	17.77	19	5		
15	QPSK	1	99	17.68	17.66	17.66				
15	QPSK	36	20	17.56	17.73	17.72	19	5		
15	QPSK	36	99	17.60	17.67	17.83				
15	QPSK	75	0	17.63	17.69	17.63	19	5		
15	QPSK	75	0	17.63	17.69	17.63				
15	QPSK	75	0	17.63	17.69	17.63				
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.60	22.62	22.78	24	0		
10	QPSK	1	99	22.54	22.75	22.82				
10	QPSK	1	49	22.54	22.75	22.81	23	1		
10	QPSK	25	12	21.75	21.82	21.71				
10	QPSK	25	25	21.63	21.53	21.69	23	1		
10	QPSK	1	0	21.70	21.84	21.81				
10	QPSK	1	25	21.69	21.66	21.68	23	1		
10	QPSK	12	0	20.43	20.59	20.74				
10	QPSK	12	12	20.43	20.42	20.70	22	2		
10	QPSK	50	0	20.59	20.65	20.58				
10	QPSK	1	0	20.61	20.68	20.56	22	2		
10	QPSK	1	99	20.51	20.57	20.67				
10	QPSK	1	49	20.51	20.61	20.56	21	3		
10	QPSK	1	99	20.51	20.61	20.56				
10	QPSK	1	25	19.76	19.81	19.80	21	3		
10	QPSK	1	25	19.53	19.67	19.62				
10	QPSK	50	0	19.73	19.84	19.53	19	5		
10	QPSK	50	0	19.71	17.68	17.52				
10	QPSK	12	0	17.62	17.68	17.62	19	5		
10	QPSK	12	12	17.55	17.61	17.62				
10	QPSK	25	12	17.55	17.61	17.62	19	5		
10	QPSK	25	25	17.59	17.67	17.82				
10	QPSK	50	0	17.67	17.69	17.59	19	5		
10	QPSK	50	0	17.67	17.69	17.59				
10	QPSK	50	0	17.67	17.69	17.59				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.60	22.62	22.78	24	0		
5	QPSK	1	12	22.40	22.74	22.73				
5	QPSK	1	24	22.56	22.83	22.86	23	1		
5	QPSK	1	24	21.77	21.86	21.86				
5	QPSK	12	7	21.75	21.87	21.84	23	1		
5	QPSK	12	7	21.55	21.66	21.73				
5	QPSK	1	12	21.71	21.82	21.78	23	1		
5	QPSK	1	12	21.59	21.65	21.66				
5	QPSK	12	0	20.57	20.86	20.83	22	2		
5	QPSK	12	7	20.81	20.87	20.79				
5	QPSK	12	12	20.62	20.62	20.68	22	2		
5	QPSK	12	12	20.59	20.59	20.76				
5	QPSK	1	0	20.39	20.74	20.71	22	2		
5	QPSK	1	0	20.47	20.52	20.49				
5	QPSK	1	24	20.63	20.64	20.70	21	3		
5	QPSK	12	0	19.70	19.80	19.70				
5	QPSK	12	0	19.73	19.86	19.81	21	3		
5	QPSK	12	13	19.58	19.68	19.61				
5	QPSK	25	0	19.71	19.86	19.71	19	5		
5	QPSK	25	17.68	17.70	17.71					
5	QPSK	1	12	17.71	17.67	17.63	19	5		
5	QPSK	1	24	17.64	17.72	17.69				
5	QPSK	12	0	17.77	17.87	17.88	19	5		
5	QPSK	12	7	17.56	17.61	17.62				
5	QPSK	12	13	17.52	17.50	17.62	19	5		
5	QPSK	12	13	17.68	17.70	17.82				
5	QPSK	25	0	17.68	17.70	17.82	19	5		
5	QPSK	25	17.68	17.70	17.82					
5	QPSK	25	17.68	17.70	17.82					
Channel										
Frequency (MHz)										
3	QPSK	1	0	22.72	22.67	22.68	24	0		
3	QPSK	1	0	22.38	22.68	22.52				
3	QPSK	1	14	22.47	22.63	22.84	23	1		
3	QPSK	8	4	21.84	21.80	21.78				
3	QPSK	8	7	21.81	21.57	21.81	23	1		
3	QPSK	16	0	21.80	21.78	21.87				
3	QPSK	1	0	21.68	21.69	21.86	23	1		
3	QPSK	1	8	21.81	21.84	21.58				
3	QPSK	1	8	21.63	21.61	21.60	22	2		
3	QPSK	16	0	20.98	20.94	20.75				
3	QPSK	16	7	20.95	20.93	20.85	22	2		
3	QPSK	8	7	20.98	20.98	20.81				
3	QPSK	1	0	20.84	20.89	20.80	22	2		
3	QPSK	1	0	20.82	20.87	20.82				
3	QPSK	1	8	20.86	20.85	20.77	22	2		
3	QPSK	1	14	20.42	20.53	20.57				
3	QPSK	1	14	20.38	20.46	20.50	21	3		
3	QPSK	8	4	19.58	19.55	19.82				
3	QPSK	8	7	19.61	19.56	19.59	21	3		
3	QPSK	16	0	19.80	19.95	19.84				
3	QPSK	1	0	17.52	17.58	17.55	19	5		
3	QPSK	1	14	17.61	17.68	17.69				
3	QPSK	1	14	17.69	17.76	17.78	19	5		
3	QPSK	8	0	17.64	17.68	17.65				
3	QPSK	8	7	17.61	17.64	17.64	19	5		
3	QPSK	8	7	17.63	17.62	17.73				
3	QPSK	16	0	17.76	17.48	17.59	19	5		
3	QPSK	16	0	17.73	17.48	17.59				
3	QPSK	16	0	17.73	17.48	17.59				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	22.71	22.73	22.81	24	0		
1.4	QPSK	1	0	22.37	22.67	22.61				
1.4	QPSK	1	0	21.83	21.83	21.92	23	1		
1.4	QPSK	3	3	21.81	21.76	22.01				
1.4	QPSK	1	0	21.83	21.88	21.92	23	1		
1.4	QPSK	3	3	22.42	22.52	22.61				
1.4	QPSK	1	0	21.69	21.75	21.85	23	1		
1.4	QPSK	1	3	21.68	21.72	21.85				
1.4	QPSK	1	3	21.64	21.67	21.84	22	2		
1.4	QPSK	3	3	21.62	21.62	21.82				
1.4	QPSK	1	0	21.62	21.68	21.86	23	1		
1.4	QPSK	3	3	21.69	21.73	21.81				
1.4	QPSK	1	0	21.62	21.62	21.82	22	2		
1.4	QPSK	3	3	21.69	21.73	21.82				
1.4	QPSK	1	0	20.50	20.61	20.73	22	2		
1.4	QPSK	1	3	20.56	20.61	20.82				
1.4	QPSK	1	0	20.51	20.56	20.76	22	2		
1.4	QPSK	1	3	20.48	20.53	20.76				
1.4	QPSK	1	0							

Band 66 Ant 1														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq. (193072)	Power Mid Ch./Freq. (193252)	Power High Ch./Freq. (193872)	Turn-up (dB)	APR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	22.70	22.97	22.68	24	0						
20	QPSK	1	48	22.68	22.74	22.49								
20	QPSK	1	96	22.70	22.86	22.82								
20	QPSK	50	0	21.69	21.65	21.79								
20	QPSK	50	-24	21.63	21.62	21.78	23	1						
20	QPSK	50	50	21.63	21.61	21.81								
20	QPSK	100	0	21.59	21.68	21.78								
20	16QAM	1	0	21.66	21.66	21.63								
20	16QAM	1	96	21.60	21.62	21.74	23	1						
20	16QAM	50	0	20.75	20.77	20.78								
20	16QAM	50	24	20.77	20.89	20.98								
20	16QAM	100	0	20.80	20.85	20.73								
20	16QAM	100	0	20.84	20.85	20.98	22	2						
20	64QAM	1	0	20.67	20.74	20.63								
20	64QAM	1	48	20.71	20.70	20.77								
20	64QAM	1	96	20.72	20.78	20.88								
20	64QAM	50	0	19.80	19.64	19.81	21	3						
20	64QAM	50	24	20.01	19.81	19.81								
20	64QAM	50	50	19.78	19.61	19.89								
20	256QAM	1	0	17.60	17.67	17.77								
20	256QAM	1	48	17.59	17.67	17.62	19	5						
20	256QAM	1	96	17.84	17.80	17.69								
20	256QAM	50	0	17.54	17.49	17.68								
20	256QAM	50	24	17.87	17.55	17.79								
20	256QAM	50	50	17.81	17.85	17.76								
20	256QAM	100	0	17.64	17.60	17.63								
Channel														
Frequency (MHz)														
15	QPSK	1	0	22.64	22.85	22.81	24	0						
15	QPSK	1	37	22.86	22.73	22.93								
15	QPSK	1	74	22.68	22.81	22.68								
15	QPSK	36	0	21.63	21.74	21.73								
15	QPSK	36	20	21.81	21.79	21.69	23	1						
15	QPSK	36	39	21.81	21.79	21.71								
15	QPSK	75	0	21.63	21.71	21.66								
15	16QAM	1	0	21.58	21.74	21.58								
15	16QAM	1	37	21.57	21.65	21.72	23	1						
15	16QAM	1	74	21.73	21.68	21.80								
15	16QAM	36	0	20.70	20.74	20.58								
15	16QAM	36	20	20.72	20.87	20.70								
15	16QAM	36	39	20.72	20.77	20.88	22	2						
15	16QAM	75	0	20.63	20.78	20.95								
15	64QAM	1	0	20.68	20.68	20.65								
15	64QAM	1	37	20.83	20.78	20.71								
15	64QAM	1	74	20.52	20.65	20.55	21	3						
15	64QAM	36	0	19.81	19.78	19.77								
15	64QAM	36	20	19.86	19.91	19.78								
15	64QAM	36	39	19.97	19.92	19.75								
15	64QAM	75	0	19.83	19.82	19.96	19	5						
15	256QAM	1	0	17.62	17.58	17.65								
15	256QAM	1	37	17.62	17.74	17.67								
15	256QAM	1	74	17.89	17.84	17.75								
15	256QAM	36	0	17.62	17.58	17.75	19	5						
15	256QAM	36	20	17.88	17.55	17.70								
15	256QAM	36	39	17.85	17.81	17.89								
15	256QAM	75	0	17.64	17.68	17.78								
Channel														
Frequency (MHz)														
10	QPSK	1	0	22.60	22.90	22.87	24	0						
10	QPSK	1	25	22.73	22.53	22.59								
10	QPSK	1	48	22.66	22.87	22.81								
10	QPSK	25	0	21.66	21.60	21.79								
10	QPSK	25	12	21.71	21.78	21.54	23	1						
10	QPSK	25	25	21.73	21.79	21.66								
10	QPSK	50	0	21.62	21.64	21.73								
10	16QAM	1	0	21.57	21.67	21.77								
10	16QAM	1	25	21.71	21.79	21.58	23	1						
10	16QAM	1	48	21.50	21.68	21.78								
10	16QAM	25	0	20.78	20.65	20.67								
10	16QAM	25	12	20.67	20.86	20.73								
10	16QAM	36	20	20.81	20.81	20.76	22	2						
10	16QAM	50	0	20.87	20.60	20.90								
10	64QAM	1	0	20.79	20.68	20.71								
10	64QAM	1	24	20.88	20.61	20.98								
10	64QAM	1	48	20.74	20.58	20.71	21	3						
10	64QAM	25	0	19.77	19.82	19.87								
10	64QAM	25	12	19.84	19.83	19.77								
10	64QAM	25	25	19.75	19.69	19.87								
10	64QAM	50	0	19.85	19.92	19.82	19	5						
10	256QAM	1	0	17.53	17.67	17.75								
10	256QAM	1	25	17.72	17.78	17.73								
10	256QAM	1	48	17.77	17.90	17.85								
10	256QAM	25	0	17.12	17.50	17.68	19	5						
10	256QAM	25	12	17.78	17.66	17.72								
10	256QAM	25	25	17.63	17.87	17.86								
10	256QAM	50	0	17.71	17.58	17.63								
Channel														
Frequency (MHz)														
5	QPSK	1	0	22.74	22.77	22.81	24	0						
5	QPSK	1	12	22.72	22.53	22.69								
5	QPSK	1	24	22.62	22.72	22.73								
5	QPSK	12	0	21.84	21.70	21.74								
5	QPSK	12	7	21.81	21.70	21.69	23	1						
5	QPSK	12	13	21.78	21.75	21.71								
5	QPSK	25	0	21.68	21.75	21.69								
5	16QAM	1	0	21.70	21.69	21.81								
5	16QAM	1	12	21.58	21.77	21.68	23	1						
5	16QAM	1	24	21.72	21.70	21.81								
5	16QAM	12	0	20.69	20.79	20.79								
5	16QAM	12	7	20.77	20.88	20.70								
5	16QAM	12	13	20.72	20.98	20.82	22	2						
5	16QAM	25	0	20.98	20.81	20.93								
5	64QAM	1	0	20.69	20.68	20.81								
5	64QAM	1	12	20.93	20.59	20.79								
5	64QAM	1	24	20.83	20.57	20.76	21	3						
5	64QAM	12	0	19.78	19.84	19.76								
5	64QAM	12	7	19.79	19.84	19.89								
5	64QAM	12	13	19.73	19.63	19.90								
5	64QAM	25	0	19.82	19.95	19.88	19	5						
5	256QAM	1	0	17.63	17.57	17.63								
5	256QAM	1	12	17.64	17.83	17.72								
5	256QAM	1	24	17.80	17.76	17.81								
5	256QAM	12	0	17.75	17.56	17.74	19	5						
5	256QAM	12	7	17.82	17.71	17.88								
5	256QAM	12	13	17.81	17.67	17.94								
5	256QAM	25	0	17.79	17.77	17.83								
Channel														
Frequency (MHz)														
3	QPSK	1	0	22.71	22.80	22.89	24	0						
3	QPSK	1	24	22.62	22.72	22.73								
3	QPSK	1	48	22.61	22.74	22.81								
3	QPSK	8	0	21.83	21.91	21.74								
3	QPSK	8	4	21.83	21.78	21.58	23	1						
3	QPSK	8	12	21.82	21.79	21.69								
3	QPSK	16	0	21.66	21.70	21.68								
3	16QAM	1	0	21.73	21.61	21.69								
3	16QAM	1	24	21.72	21.67	21.75	22	2						
3	16QAM	8	0	20.77	20.66	20.70								
3	16QAM	8	12	20.76	20.84	20.72								
3	16QAM	16	0	20.68	20.97	20.66								
3	16QAM	16	8	20.91	20.75	20.96	21	3						
3	16QAM	16	16	20.71	20.74	20.85								
3	64QAM	1	0	20.69	20.70	20.83								
3	64QAM	1	14	20.81	20.56	20.85								
3	64QAM	8	0	19.85	19.90	19.75	19	5						
3	64QAM	8	8	19.87	19.87	19.81								
3	64QAM	16	0	19.70	19.92	19.91								
3	256QAM	1	0	17.67	17.68	17.73								
3	256QAM	1	8	17.61	17.78	17.81	19	5						
3	256QAM	1	14	17.82	17.84	17.82								
3	256QAM	8	0	17.69	17.61	17.74								
3	256QAM	8	8	17.74	17.78	17.81								
3	256QAM	8	7	17.81	17.87	17.83	19	5						
3	256QAM	16	0	17.63	17.74	17.69								
Channel														
Frequency (MHz)														
1.4	QPSK	1	0	22.70	22.80	22.89					24	0		
1.4	QPSK	1	24	22.62	22.72	22.73								
1.4	QPSK	1	48	22.65	22.77	22.83								
1.4	QPSK	3	0	21.74	21.80	22.64								
1.4	QPSK	3	12	21.78	21.81	21.75	23	1						
1.4	QPSK	3	24	21.79	21.82	21.76								
1.4	QPSK	3	36	22.70	22.80	21.78								
1.4	QPSK	6	0	21.63	21.63	21.73								
1.4	16QAM	1	0	21.66	21.66	21.74	23	1						
1.4	16QAM	1	24	21.69	21.69	21.76								
1.4	16QAM	3	0	21.78	21.81	21.83								
1.4	16QAM	3	12	21.79	21.82	21.77								
1.4	16QAM	3	24	21.81	21.73	21.77	22	2						
1.4	16QAM	6	0	20.70	20.80	20.62								
1.4	16QAM	6	12	20.80	20.74	20.80								
1.4	16QAM	6	24	20.79	20.79	20.85								
1.4	16QAM	6	36	20.78	20.78	20.75	22	2						
1.4	16QAM	12	0	20.70	20.70	20.70								
1.4	16QAM	12	12	20.70	20.70	20.70								
1.4	16QAM	12	24	20.70	20.70	20.70								
1.4	64QAM	1	0	19.84	19.87	19.74	21	3						
1.4	64QAM	1	24	19.84	19.84	19.84								
1.4	64QAM	3	0	17.73	17.68	17.88								
1.4	64QAM	3	12	17.73	17.73	17.88								
1.4	64QAM	3	24	17.83	17.83	17.88	19	5						
1.4	64QAM	6	0	17.62	17.67	17.66								
1.4	64QAM	6	12	17.63	17.63	17.66								
1.4	64QAM	6	24	17.63	17.63	17.66								
1.4	256QAM	1	0	17.60	17.68	17.60								
1.4	256QAM	1	24	17.68	17.68	17.63								

Band 38 Ant 1													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)					
Channel				37850	38000	38150	24	0					
Frequency (MHz)				2580	2595	2610							
20	QPSK	1	0	22.96	23.16	23.13	24	0	23	1			
20	QPSK	1	49	22.96	22.94	22.89							
20	QPSK	1	99	22.85	22.86	22.86							
20	QPSK	50	0	21.96	22.15	21.98	23	1	23	1			
20	QPSK	50	24	21.95	21.97	21.88							
20	QPSK	50	50	21.90	21.77	22.13							
20	QPSK	100	0	21.97	22.10	22.00	23	1	23	1			
20	16QAM	1	0	21.95	21.80	22.07							
20	16QAM	1	49	21.81	21.99	22.04							
20	16QAM	1	99	22.02	22.00	21.79	22	2	22	2			
20	16QAM	50	0	20.80	20.86	20.91							
20	16QAM	50	24	20.92	20.57	20.82							
20	16QAM	50	50	20.90	20.69	20.81	22	2	22	2			
20	16QAM	100	0	20.64	20.90	20.61							
20	64QAM	1	0	20.66	20.77	20.71							
20	64QAM	1	49	20.61	20.78	20.78	22	2	22	2			
20	64QAM	1	99	20.72	20.74	20.93							
20	64QAM	50	0	19.82	19.85	19.91							
20	64QAM	50	24	19.95	19.81	19.76	21	3	21	3			
20	64QAM	50	50	19.82	19.68	19.95							
20	64QAM	100	0	19.75	19.81	19.72							
20	256QAM	1	0	17.89	17.87	17.66	19	5	19	5			
20	256QAM	1	49	17.90	17.91	17.86							
20	256QAM	1	99	17.71	17.76	17.79							
20	256QAM	50	0	17.83	17.96	17.74	19	5	19	5			
20	256QAM	50	24	17.99	17.96	17.90							
20	256QAM	50	50	17.76	17.83	17.69							
20	256QAM	100	0	17.83	17.80	18.00							
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)					
Frequency (MHz)				2577.5	2595	2612.5	24 <th rowspan="2">0<th colspan="2"></th></th>	0 <th colspan="2"></th>					
15	QPSK	1	0	22.70	22.60	22.52							
15	QPSK	1	37	22.43	22.60	22.21	23	1	23	1			
15	QPSK	1	74	22.48	22.27	22.55							
15	QPSK	36	0	21.37	21.53	21.52							
15	QPSK	36	20	21.49	21.44	21.46	23	1	23	1			
15	QPSK	36	39	21.25	21.40	21.54							
15	QPSK	75	0	21.36	21.46	21.38							
15	16QAM	1	0	21.46	21.30	21.47	23	1	23	1			
15	16QAM	1	37	21.19	21.54	21.39							
15	16QAM	1	74	21.47	21.32	21.29							
15	16QAM	36	0	20.29	20.33	20.31	22	2	22	2			
15	16QAM	36	20	20.34	20.61	20.32							
15	16QAM	36	39	20.33	20.20	20.37							
15	16QAM	75	0	20.25	20.30	20.15	22	2	22	2			
15	64QAM	1	0	20.10	20.30	20.17							
15	64QAM	1	37	20.05	20.08	20.37							
15	64QAM	1	74	20.40	20.36	20.44	21	3	21	3			
15	64QAM	36	0	19.41	19.44	19.34							
15	64QAM	36	20	19.23	19.30	19.30							
15	64QAM	36	39	19.32	19.26	19.42	19	5	19	5			
15	64QAM	75	0	19.24	19.34	19.15							
15	256QAM	1	0	17.46	17.24	17.27							
15	256QAM	1	37	17.25	17.38	17.46	19	5	19	5			
15	256QAM	1	74	17.19	17.41	17.24							
15	256QAM	36	0	17.23	17.37	17.23							
15	256QAM	36	20	17.46	17.42	17.50	19	5	19	5			
15	256QAM	36	39	17.29	17.41	17.33							
15	256QAM	75	0	17.31	17.38	17.44							
Channel				37800	38000	38200	Tune-up limit (dBm)				MPR (dB)		
Frequency (MHz)				2575	2595	2615	24 <th rowspan="2">0<th colspan="2"></th></th>	0 <th colspan="2"></th>					
10	QPSK	1	0	22.50	22.56	22.52							
10	QPSK	1	25	22.44	22.48	22.39	23	1	23	1			
10	QPSK	1	49	22.35	22.44	22.36							
10	QPSK	25	0	21.38	21.45	21.56							
10	QPSK	25	12	21.47	21.43	21.31	23	1	23	1			
10	QPSK	25	25	21.29	21.34	21.64							
10	QPSK	50	0	21.35	21.47	21.37							
10	16QAM	1	0	21.45	21.46	21.56	23	1	23	1			
10	16QAM	1	25	21.17	21.60	21.43							
10	16QAM	1	49	21.41	21.50	21.35							
10	16QAM	25	0	20.31	20.37	20.32	22	2	22	2			
10	16QAM	25	12	20.32	20.00	20.39							
10	16QAM	25	25	20.38	20.24	20.43							
10	16QAM	50	0	20.22	20.30	20.13	22	2	22	2			
10	64QAM	1	0	20.27	20.37	20.16							
10	64QAM	1	25	20.13	20.08	20.21							
10	64QAM	1	49	20.24	20.27	20.36	21	3	21	3			
10	64QAM	25	0	19.21	19.50	19.20							
10	64QAM	25	12	19.44	19.29	19.39							
10	64QAM	25	25	19.28	19.29	19.33	19	5	19	5			
10	64QAM	50	0	19.23	19.25	19.09							
10	256QAM	1	0	17.35	17.38	17.16							
10	256QAM	1	25	17.27	17.37	17.48	19	5	19	5			
10	256QAM	1	49	17.37	17.40	17.22							
10	256QAM	25	0	17.31	17.54	17.34							
10	256QAM	25	12	17.38	17.54	17.45	19	5	19	5			
10	256QAM	25	25	17.42	17.39	17.13							
10	256QAM	50	0	17.34	17.21	17.55							
Channel				37775	38000	38225	Tune-up limit (dBm)				MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5	24 <th rowspan="2">0<th colspan="2"></th></th>	0 <th colspan="2"></th>					
5	QPSK	1	0	22.68	22.70	22.52							
5	QPSK	1	12	22.43	22.67	22.44	23	1	23	1			
5	QPSK	1	24	22.29	22.41	22.42							
5	QPSK	12	0	21.32	21.60	21.45							
5	QPSK	12	7	21.33	21.43	21.48	23	1	23	1			
5	QPSK	12	13	21.22	21.48	21.46							
5	QPSK	25	0	21.39	21.30	21.37							
5	16QAM	1	0	21.37	21.32	21.43	23	1	23	1			
5	16QAM	1	12	21.18	21.42	21.52							
5	16QAM	1	24	21.45	21.42	21.44							
5	16QAM	12	0	20.20	20.29	20.49	22	2	22	2			
5	16QAM	12	7	20.46	20.66	20.27							
5	16QAM	12	13	20.37	20.34	20.40							
5	16QAM	25	0	20.31	20.34	20.27	22	2	22	2			
5	64QAM	1	0	20.24	20.26	20.38							
5	64QAM	1	12	20.05	20.14	20.28							
5	64QAM	1	24	20.20	20.36	20.41	22	2	22	2			
5	64QAM	12	0	19.31	19.30	19.33							
5	64QAM	12	7	19.45	19.43	19.39							
5	64QAM	12	13	19.13	19.30	19.41	21	3	21	3			
5	64QAM	25	0	19.32	19.41	19.20							
5	256QAM	1	0	17.28	17.20	17.17							
5	256QAM	1	12	17.23	17.42	17.45	19	5	19	5			
5	256QAM	1	24	17.24	17.35	17.31							
5	256QAM	12	0	17.43	17.41	17.23							
5	256QAM	12	7	17.41	17.51	17.29	19	5	19	5			
5	256QAM	12	13	17.35	17.35	17.14							
5	256QAM	25	0	17.27	17.24	17.43							

Band 2 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq. 1867.5	Power Max Ch./Freq. 1869.5	Power Power Ch./Freq. 1869.5	Power High Ch./Freq. 1871.5	Turn-up Time (sec)	MFR (dB)
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.15	22.18	22.08		23	0
20	QPSK	1	8	22.13	22.12	22.08			
20	QPSK	1	99	22.16	22.17	22.09			
20	QPSK	50	0	20.95	21.13	20.91		22	1
20	QPSK	50	24	20.92	20.98	20.93			
20	QPSK	50	50	20.90	20.98	20.94			
20	QPSK	100	0	21.05	21.09	21.08		22	1
20	16QAM	1	99	21.06	21.12	21.09			
20	16QAM	1	0	20.96	20.92	21.09			
20	16QAM	50	24	20.95	21.13	20.94		21	2
20	16QAM	50	50	20.99	20.99	20.99			
20	16QAM	100	0	19.95	20.05	19.94			
20	64QAM	1	99	19.99	20.02	19.91		21	2
20	64QAM	1	0	19.94	19.96	19.92			
20	64QAM	50	24	19.91	19.97	19.95			
20	64QAM	50	50	19.94	19.96	19.93		20	3
20	64QAM	100	0	19.90	19.95	19.93			
20	256QAM	1	99	17.07	17.05	17.07			
20	256QAM	1	99	17.07	17.05	17.07		18	5
20	256QAM	50	24	17.01	17.03	17.12			
20	256QAM	50	50	17.07	17.07	17.04			
20	256QAM	100	0	16.98	17.13	16.97			
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.00	21.98	22.07		23	0
15	QPSK	1	8	22.14	22.13	22.14			
15	QPSK	1	74	22.09	22.16	22.01			
15	QPSK	50	0	20.95	21.13	20.71		22	1
15	QPSK	50	24	20.97	20.94	21.04			
15	QPSK	50	39	20.72	21.09	20.80			
15	QPSK	75	0	20.97	20.90	21.07		22	1
15	QPSK	75	0	20.97	20.84	21.04			
15	16QAM	1	37	20.94	20.91	20.96			
15	16QAM	1	37	20.94	20.91	20.96		21	2
15	16QAM	36	0	19.89	19.99	19.80			
15	16QAM	36	20	19.96	19.92	19.96			
15	16QAM	36	0	19.91	19.90	19.93		21	2
15	16QAM	75	0	19.95	20.05	19.98			
15	16QAM	75	0	20.00	19.92	19.90			
15	64QAM	1	0	19.90	19.92	19.90		21	2
15	64QAM	1	0	19.90	19.92	19.90			
15	64QAM	1	0	19.90	19.92	19.90			
15	64QAM	1	74	19.94	19.75	20.10		20	3
15	64QAM	36	0	19.89	19.83	19.87			
15	64QAM	36	0	19.89	19.83	19.87			
15	64QAM	36	20	19.88	19.83	19.93		20	3
15	64QAM	36	20	19.88	19.83	19.93			
15	64QAM	36	20	19.88	19.83	19.93			
15	64QAM	75	0	19.91	19.92	19.93		18	5
15	64QAM	75	0	19.91	19.92	19.93			
15	64QAM	75	0	19.91	19.92	19.93			
15	256QAM	1	37	17.09	17.06	17.02		18	5
15	256QAM	1	37	17.09	17.06	17.02			
15	256QAM	36	20	16.97	16.78	17.01			
15	256QAM	36	20	16.97	16.78	17.01			
15	256QAM	36	20	16.97	16.78	17.01			
Channel									
Frequency (MHz)									
10	QPSK	1	0	19.93	19.90	19.95		23	0
10	QPSK	1	8	22.08	22.09	22.02			
10	QPSK	1	25	22.11	22.11	22.01			
10	QPSK	1	49	22.13	22.18	21.95		22	1
10	QPSK	25	0	20.77	21.07	20.77			
10	QPSK	25	12	20.72	20.98	20.84			
10	QPSK	25	25	20.77	21.06	20.88		22	1
10	16QAM	1	0	21.02	20.94	20.89			
10	16QAM	1	25	20.91	20.81	20.94			
10	16QAM	1	25	20.91	20.81	20.94		22	1
10	16QAM	25	0	19.74	19.79	19.96			
10	16QAM	25	12	19.74	19.79	19.96			
10	16QAM	25	12	19.74	19.79	19.96		21	2
10	16QAM	50	0	19.75	19.95	19.88			
10	16QAM	50	0	19.83	19.86	19.73			
10	16QAM	50	0	19.83	19.86	19.73		21	2
10	16QAM	50	0	19.83	19.86	19.73			
10	16QAM	50	0	19.83	19.86	19.73			
10	64QAM	1	49	20.01	19.91	19.95		20	3
10	64QAM	25	0	19.84	19.88	19.96			
10	64QAM	25	0	19.84	19.88	19.96			
10	64QAM	25	0	19.84	19.88	19.96		18	5
10	64QAM	25	0	19.84	19.88	19.96			
10	64QAM	25	0	19.84	19.88	19.96			
10	256QAM	1	25	17.11	16.97	16.97		18	5
10	256QAM	1	25	17.11	16.97	16.97			
10	256QAM	1	25	17.11	16.97	16.97			
10	256QAM	25	12	16.96	16.97	16.81		18	5
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96	16.97	16.81			
10	256QAM	25	12	16.96					

Band 25 Ant 4												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Turn-up time (sec)	MPE (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	22.18	22.21	22.15			23	0		
20	QPSK	1	49	21.96	22.09	21.83						
20	QPSK	1	99	22.02	22.01	22.02			22	1		
20	QPSK	50	0	20.97	21.03	20.94						
20	QPSK	50	24	20.92	20.88	20.73			22	1		
20	QPSK	50	50	20.89	20.94	20.78						
20	QPSK	100	0	20.87	21.01	20.93			22	1		
20	16QAM	1	49	20.88	20.89	20.87						
20	16QAM	1	99	20.88	20.87	20.91			21	2		
20	16QAM	50	0	19.95	19.98	19.98						
20	16QAM	50	24	19.77	19.85	19.79			21	2		
20	16QAM	50	50	19.92	20.16	19.92						
20	16QAM	100	0	19.92	19.93	19.79			21	2		
20	64QAM	1	49	19.89	19.87	19.88						
20	64QAM	1	99	20.03	19.90	20.04			20	3		
20	64QAM	50	0	19.05	19.85	19.78						
20	64QAM	50	24	18.94	19.96	19.00			20	3		
20	64QAM	100	0	19.92	19.93	19.79						
20	256QAM	1	0	17.09	16.90	16.82			18	5		
20	256QAM	1	49	16.97	17.09	16.82						
20	256QAM	1	99	17.06	16.94	16.96			18	5		
20	256QAM	50	0	16.85	16.96	17.06						
20	256QAM	50	24	16.94	16.86	16.78			18	5		
20	256QAM	50	50	16.87	16.80	17.01						
20	256QAM	100	0	16.97	17.09	16.82			18	5		
Channel												
Frequency (MHz)												
16	QPSK	1	0	21.94	22.04	21.99					23	0
16	QPSK	1	49	22.12	21.91	21.74						
16	QPSK	1	74	21.95	22.11	21.90			22	1		
16	QPSK	36	0	20.79	20.99	20.78						
16	QPSK	36	20	20.77	20.85	20.82			22	1		
16	QPSK	36	36	20.87	21.01	20.81						
16	QPSK	75	0	20.69	21.01	21.04			22	1		
16	16QAM	1	49	20.67	20.89	20.83						
16	16QAM	1	37	20.91	21.04	20.84			22	1		
16	16QAM	36	0	20.78	20.96	20.82						
16	16QAM	36	20	19.85	19.72	19.83			21	2		
16	16QAM	36	36	19.91	19.86	19.75						
16	16QAM	75	0	19.74	19.91	20.02			21	2		
16	64QAM	1	0	19.69	19.76	19.86						
16	64QAM	1	49	19.67	19.78	19.87			21	2		
16	64QAM	1	74	20.01	19.73	19.97						
16	64QAM	36	0	19.81	19.88	19.78			20	3		
16	64QAM	36	20	19.86	19.87	19.82						
16	64QAM	36	36	19.91	19.85	19.92			20	3		
16	64QAM	75	0	19.10	19.60	19.85						
16	256QAM	1	0	17.09	17.02	16.81			18	5		
16	256QAM	1	37	17.08	17.02	16.81						
16	256QAM	1	74	16.90	17.06	17.08			18	5		
16	256QAM	36	0	16.84	16.86	16.87						
16	256QAM	36	20	16.98	17.08	16.80			18	5		
16	256QAM	36	36	17.00	16.82	16.88						
16	256QAM	75	0	16.86	17.05	16.83			18	5		
Channel												
Frequency (MHz)												
16	QPSK	1	0	22.17	22.10	21.95					23	0
16	QPSK	1	25	22.13	22.05	21.86						
16	QPSK	1	49	22.18	22.10	21.90			22	1		
16	QPSK	25	0	20.96	21.00	20.87						
16	QPSK	25	25	20.83	20.91	20.84			22	1		
16	QPSK	100	0	20.89	20.94	20.84						
16	16QAM	1	0	20.92	20.93	21.00			22	1		
16	16QAM	1	25	20.70	21.08	20.94						
16	16QAM	25	0	19.87	19.81	19.86			22	1		
16	16QAM	25	12	19.82	19.85	19.85						
16	16QAM	25	25	19.78	19.88	19.87			21	2		
16	16QAM	50	0	19.78	19.88	19.87						
16	64QAM	1	0	19.81	19.89	19.78			21	2		
16	64QAM	1	25	19.78	19.88	19.87						
16	64QAM	1	49	19.88	19.84	19.90			20	3		
16	64QAM	25	0	19.01	19.87	19.87						
16	64QAM	25	25	19.85	19.87	19.89			20	3		
16	64QAM	50	0	19.91	19.92	19.98						
16	256QAM	1	0	16.90	16.82	16.92			18	5		
16	256QAM	1	25	17.11	17.03	16.81						
16	256QAM	1	49	16.93	16.99	17.09			18	5		
16	256QAM	25	0	16.81	16.82	16.82						
16	256QAM	25	12	16.98	17.07	16.78			18	5		
16	256QAM	25	25	17.00	16.86	16.88						
16	256QAM	50	0	16.84	17.05	16.90			18	5		
Channel												
Frequency (MHz)												
3	QPSK	1	0	21.59	22.15	21.68			23	0		
3	QPSK	1	12	21.99	21.91	21.88						
3	QPSK	1	24	21.99	22.03	22.04			22	1		
3	QPSK	12	0	20.97	21.03	20.94						
3	QPSK	12	7	20.70	20.81	20.74			22	1		
3	QPSK	12	13	20.91	20.86	20.82						
3	16QAM	1	0	20.98	20.84	20.74			22	1		
3	16QAM	1	0	20.81	20.72	21.11						
3	16QAM	1	12	20.75	20.87	20.86			22	1		
3	16QAM	1	21	20.65	20.84	20.85						
3	16QAM	12	0	19.87	19.86	19.86			21	2		
3	16QAM	12	7	19.98	19.77	19.89						
3	16QAM	12	13	20.02	20.02	20.87			20	3		
3	16QAM	25	0	19.96	20.00	19.82						
3	16QAM	1	0	19.99	19.84	19.88			21	2		
3	16QAM	1	0	20.03	19.84	19.89						
3	64QAM	1	24	19.90	19.98	20.07			20	3		
3	64QAM	12	0	19.87	19.80	19.82						
3	64QAM	12	7	19.97	19.87	19.90			21	2		
3	64QAM	12	13	19.98	19.82	19.84						
3	256QAM	1	0	16.97	16.75	17.13			18	5		
3	256QAM	1	12	17.11	16.87	17.01						
3	256QAM	1	24	17.14	17.03	16.83			18	5		
3	256QAM	1	12	16.93	16.96	16.87						
3	256QAM	12	0	16.80	16.86	17.01			18	5		
3	256QAM	12	7	17.05	16.98	16.80						
3	256QAM	12	13	16.79	16.82	17.03			18	5		
3	256QAM	25	0	16.93	17.15	16.81						
Channel												
Frequency (MHz)												
3	QPSK	1	0	22.00	22.14	22.07			23	0		
3	QPSK	1	8	22.07	22.05	21.85						
3	QPSK	1	5	22.12	22.05	22.01			22	1		
3	QPSK	8	4	20.91	20.95	20.82						
3	QPSK	8	7	20.89	20.92	20.83			22	1		
3	QPSK	8	20	21.00	21.10	21.02						
3	16QAM	1	0	20.90	20.90	21.06			22	1		
3	16QAM	1	8	20.70	21.08	20.77						
3	16QAM	1	16	21.11	21.07	20.77			21	2		
3	16QAM	8	4	19.93	19.94	20.01						
3	16QAM	8	7	19.93	19.86	19.89			21	2		
3	16QAM	8	20	20.02	19.85	19.87						
3	16QAM	15	0	19.86	20.03	19.91			21	2		
3	16QAM	15	8	19.91	19.84	19.97						
3	64QAM	1	8	19.91	19.88	19.91			21	2		
3	64QAM	1	14	19.83	19.79	19.81						
3	64QAM	8	4	19.83	19.84	19.96			20	3		
3	64QAM	8	7	19.87	19.80	19.85						
3	64QAM	15	0	19.97	19.87	19.97			20	3		
3	256QAM	1	0	16.87	17.03	16.83						
3	256QAM	1	8	17.09	16.96	16.83			18	5		
3	256QAM	1	14	17.00	16.97	16.87						
3	256QAM	8	4	16.93	16.91	17.12			18	5		
3	256QAM	8	7	16.95	16.85	16.85						
3	256QAM	8	20	17.00	17.00	16.85			18	5		
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	22.05	22.09	22.06					23	0
1.4	QPSK	1	8	22.12	22.05	22.01						
1.4	QPSK	3	0	22.07	22.05	21.98			22	1		
1.4	QPSK	3	8	20.92	20.92	20.79						
1.4	QPSK	3	24	22.16	22.05	22.11			22	1		
1.4	QPSK	6	0	21.03	21.04	20.96						
1.4	16QAM	1	0	20.95	20.96	21.03			22	1		
1.4	16QAM	1	8	20.75	21.02	20.97						
1.4	16QAM	1	16	21.05	21.03	20.73			21	2		
1.4	16QAM	3	0	19.88	19.79	19.79						
1.4	16QAM	3	8	19.91	19.91	20.02			21	2		
1.4	16QAM	3	24	20.03	19.93	20.03						
1.4	64QAM	1	0	19.88	19.79	19.79			20	3		
1.4	64QAM	1	8	19.87	19.82	19.74						
1.4	64QAM	3	0	19.95	19.89	20.01			20	3		
1.4	64QAM	3	8	19.96	19.79	19.73						
1.4	64QAM	3	24	20.04	19.94	19.79			18	5		
1.4	256QAM	1	0	17.10	17.05	16.89						
1.4	256QAM	1	8	17.09	16.99	17.09			18	5		
1.4	256QAM	3	0	16.87	16.85	17.04						
1.4	256QAM	3	8									

Band 38 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.54	22.56	22.52	24	0	
20	QPSK	1	49	22.45	22.38	22.44			
20	QPSK	1	99	22.34	22.47	22.38			
20	QPSK	50	0	21.47	21.66	21.47			
20	QPSK	50	24	21.31	21.60	21.29	23	1	
20	QPSK	50	50	21.28	21.50	21.25			
20	QPSK	100	0	21.45	21.58	21.47			
20	16QAM	1	0	21.42	21.57	21.36			
20	16QAM	1	49	21.28	21.66	21.46	23	1	
20	16QAM	1	99	21.43	21.49	21.31			
20	16QAM	50	0	20.51	20.70	20.44			
20	16QAM	50	24	20.42	20.57	20.52			
20	16QAM	50	50	20.57	20.76	20.41	22	2	
20	16QAM	100	0	20.41	20.59	20.53			
20	64QAM	1	0	20.43	20.77	20.38			
20	64QAM	1	49	20.41	20.68	20.42			
20	64QAM	1	99	20.55	20.64	20.58	22	2	
20	64QAM	50	0	19.41	19.55	19.55			
20	64QAM	50	24	19.59	19.60	19.52			
20	64QAM	50	50	19.40	19.73	19.40			
20	64QAM	100	0	19.52	19.72	19.44	21	3	
20	256QAM	1	0	17.49	17.61	17.45			
20	256QAM	1	49	17.58	17.72	17.37			
20	256QAM	1	99	17.50	17.66	17.57			
20	256QAM	50	0	17.36	17.58	17.49	19	5	
20	256QAM	50	24	17.40	17.60	17.49			
20	256QAM	50	50	17.55	17.78	17.43			
20	256QAM	100	0	17.51	17.72	17.51			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	22.38	22.51	22.50	24	0	
15	QPSK	1	37	22.38	22.18	22.26			
15	QPSK	1	74	22.30	22.26	22.22			
15	QPSK	36	0	21.40	21.53	21.34			
15	QPSK	36	20	21.17	21.47	21.19	23	1	
15	QPSK	36	39	21.25	21.29	21.08			
15	QPSK	75	0	21.46	21.50	21.46			
15	16QAM	1	0	21.40	21.57	21.18			
15	16QAM	1	37	21.29	21.48	21.24	23	1	
15	16QAM	1	74	21.29	21.44	21.31			
15	16QAM	36	0	20.43	20.50	20.39			
15	16QAM	36	20	20.29	20.41	20.53			
15	16QAM	36	39	20.46	20.62	20.40	22	2	
15	16QAM	75	0	20.37	20.56	20.40			
15	64QAM	1	0	20.26	20.71	20.39			
15	64QAM	1	37	20.32	20.46	20.24			
15	64QAM	1	74	20.45	20.61	20.51	22	2	
15	64QAM	36	0	19.26	19.37	19.55			
15	64QAM	36	20	19.39	19.57	19.34			
15	64QAM	36	39	19.35	19.54	19.39			
15	64QAM	75	0	19.44	19.60	19.29	21	3	
15	256QAM	1	0	17.34	17.50	17.32			
15	256QAM	1	37	17.49	17.61	17.36			
15	256QAM	1	74	17.42	17.56	17.40			
15	256QAM	36	0	17.44	17.54	17.36	19	5	
15	256QAM	36	20	17.31	17.45	17.49			
15	256QAM	36	39	17.49	17.79	17.43			
15	256QAM	75	0	17.46	17.72	17.35			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	22.34	22.51	22.48	24	0	
10	QPSK	1	25	22.37	22.34	22.42			
10	QPSK	1	49	22.31	22.36	22.39			
10	QPSK	25	0	21.44	21.53	21.45			
10	QPSK	25	12	21.10	21.57	21.20	23	1	
10	QPSK	25	25	21.19	21.40	21.15			
10	QPSK	50	0	21.25	21.59	21.27			
10	16QAM	1	0	21.43	21.45	21.27			
10	16QAM	1	25	21.19	21.66	21.44	23	1	
10	16QAM	1	49	21.25	21.39	21.23			
10	16QAM	25	0	20.31	20.54	20.33			
10	16QAM	25	12	20.31	20.43	20.49			
10	16QAM	25	25	20.53	20.65	20.41	22	2	
10	16QAM	50	0	20.29	20.43	20.49			
10	64QAM	1	0	20.31	20.71	20.25			
10	64QAM	1	25	20.28	20.50	20.29			
10	64QAM	1	49	20.56	20.42	20.40	22	2	
10	64QAM	25	0	19.35	19.45	19.39			
10	64QAM	25	12	19.58	19.55	19.47			
10	64QAM	25	25	19.33	19.68	19.37			
10	64QAM	50	0	19.31	19.71	19.27	21	3	
10	256QAM	1	0	17.39	17.42	17.26			
10	256QAM	1	25	17.43	17.71	17.30			
10	256QAM	1	49	17.46	17.52	17.47			
10	256QAM	25	0	17.38	17.60	17.37	19	5	
10	256QAM	25	12	17.21	17.57	17.38			
10	256QAM	25	25	17.52	17.68	17.34			
10	256QAM	50	0	17.48	17.70	17.35			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	22.40	22.42	22.36	24	0	
5	QPSK	1	12	22.40	22.34	22.43			
5	QPSK	1	24	22.25	22.41	22.33			
5	QPSK	12	0	21.36	21.54	21.38			
5	QPSK	12	7	21.19	21.47	21.23	23	1	
5	QPSK	12	13	21.12	21.34	21.17			
5	QPSK	25	0	21.26	21.38	21.46			
5	16QAM	1	0	21.29	21.39	21.32			
5	16QAM	1	12	21.25	21.52	21.48	23	1	
5	16QAM	1	24	21.39	21.33	21.13			
5	16QAM	12	0	20.40	20.57	20.45			
5	16QAM	12	7	20.43	20.66	20.34			
5	16QAM	12	13	20.51	20.66	20.25	22	2	
5	16QAM	25	0	20.29	20.53	20.52			
5	64QAM	1	0	20.32	20.96	20.31			
5	64QAM	1	12	20.21	20.48	20.43			
5	64QAM	1	24	20.38	20.59	20.58	22	2	
5	64QAM	12	0	19.42	19.50	19.41			
5	64QAM	12	7	19.59	19.57	19.39			
5	64QAM	12	13	19.30	19.62	19.37			
5	64QAM	25	0	19.45	19.61	19.29	21	3	
5	256QAM	1	0	17.27	17.59	17.47			
5	256QAM	1	12	17.52	17.62	17.28			
5	256QAM	1	24	17.38	17.45	17.57			
5	256QAM	12	0	17.35	17.42	17.50	19	5	
5	256QAM	12	7	17.27	17.57	17.40			
5	256QAM	12	13	17.35	17.67	17.30			
5	256QAM	25	0	17.36	17.57	17.47			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.48	22.42	22.58	22.48	22.53	24	0
20	QPSK	1	49	22.40	22.30	22.54	22.41	22.50		
20	QPSK	1	99	22.46	22.38	22.43	22.36	22.44		
20	QPSK	50	0	21.46	21.32	21.56	21.54	21.51		
20	QPSK	50	24	21.44	21.25	21.50	21.50	21.43	23	1
20	QPSK	50	50	21.48	21.14	21.42	21.34	21.30		
20	QPSK	100	0	21.30	21.34	21.54	21.40	21.31		
20	16QAM	1	0	21.47	21.17	21.39	21.46	21.36		
20	16QAM	1	49	21.30	21.14	21.35	21.38	21.48	23	1
20	16QAM	1	99	21.34	21.26	21.36	21.50	21.47		
20	16QAM	50	0	20.38	20.39	20.65	20.63	20.41		
20	16QAM	50	24	20.48	20.27	20.45	20.61	20.56		
20	16QAM	50	50	20.55	20.43	20.49	20.60	20.56	22	2
20	16QAM	100	0	20.51	20.43	20.52	20.61	20.53		
20	64QAM	1	0	20.52	20.42	20.60	20.54	20.61		
20	64QAM	1	49	20.40	20.42	20.58	20.49	20.63		
20	64QAM	1	99	20.49	20.32	20.58	20.50	20.47	22	2
20	64QAM	50	0	19.39	19.30	19.51	19.57	19.54		
20	64QAM	50	24	19.39	19.44	19.53	19.48	19.50		
20	64QAM	50	50	19.38	19.25	19.52	19.65	19.43		
20	64QAM	100	0	19.38	19.22	19.61	19.65	19.61	21	3
20	256QAM	1	0	17.50	17.44	17.51	17.54	17.51		
20	256QAM	1	49	17.47	17.44	17.59	17.54	17.52		
20	256QAM	1	99	17.49	17.42	17.56	17.54	17.47		
20	256QAM	50	0	17.48	17.39	17.58	17.56	17.47	19	5
20	256QAM	50	24	17.46	17.23	17.66	17.58	17.44		
20	256QAM	50	50	17.57	17.36	17.50	17.48	17.44		
20	256QAM	100	0	17.57	17.36	17.66	17.43	17.41		
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	22.46	22.39	22.50	22.36	22.41	24	0
15	QPSK	1	37	22.37	22.13	22.50	22.36	22.51		
15	QPSK	1	74	22.43	22.33	22.21	22.20	22.24		
15	QPSK	36	0	21.25	21.33	21.43	21.52	21.45		
15	QPSK	36	20	21.33	21.03	21.40	21.51	21.30	23	1
15	QPSK	36	39	21.49	21.37	21.34	21.35	21.08		
15	QPSK	75	0	21.13	21.28	21.34	21.19	21.26		
15	16QAM	1	0	21.44	21.10	21.30	21.25	21.21		
15	16QAM	1	37	21.24	21.04	21.35	21.24	21.31	23	1
15	16QAM	1	74	21.30	21.06	21.29	21.31	21.38		
15	16QAM	36	0	20.20	20.17	20.44	20.64	20.35		
15	16QAM	36	20	20.37	20.25	20.31	20.53	20.47		
15	16QAM	36	39	20.44	20.33	20.33	20.55	20.51	22	2
15	16QAM	75	0	20.45	20.26	20.40	20.44	20.41		
15	64QAM	1	0	20.45	20.28	20.55	20.48	20.62		
15	64QAM	1	37	20.23	20.30	20.46	20.36	20.59		
15	64QAM	1	74	20.39	20.21	20.48	20.38	20.28	22	2
15	64QAM	36	0	19.36	19.30	19.38	19.42	19.41		
15	64QAM	36	20	19.28	19.44	19.40	19.27	19.44		
15	64QAM	36	39	19.26	19.26	19.30	19.50	19.30		
15	64QAM	75	0	19.32	19.02	19.40	19.45	19.51	21	3
15	256QAM	1	0	17.33	17.37	17.41	17.43	17.36		
15	256QAM	1	37	17.27	17.44	17.42	17.36	17.43		
15	256QAM	1	74	17.50	17.41	17.39	17.56	17.45		
15	256QAM	36	0	17.43	17.30	17.37	17.57	17.35	19	5
15	256QAM	36	20	17.34	17.10	17.45	17.53	17.40		
15	256QAM	36	39	17.40	17.23	17.29	17.31	17.35		
15	256QAM	75	0	17.58	17.23	17.44	17.30	17.27		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.28	22.23	22.38	22.42	22.47	24	0
10	QPSK	1	25	22.42	22.30	22.45	22.34	22.45		
10	QPSK	1	49	22.33	22.36	22.27	22.29	22.40		
10	QPSK	25	0	21.32	21.18	21.51	21.33	21.37		
10	QPSK	25	12	21.31	21.21	21.39	21.47	21.32	23	1
10	QPSK	25	25	21.45	21.12	21.29	21.17	21.15		
10	QPSK	50	0	21.28	21.21	21.39	21.26	21.20		
10	16QAM	1	0	21.36	21.14	21.40	21.46	21.37		
10	16QAM	1	25	21.09	21.05	21.19	21.31	21.44	23	1
10	16QAM	1	49	21.21	21.21	21.29	21.40	21.28		
10	16QAM	25	0	20.38	20.24	20.59	20.59	20.41		
10	16QAM	25	12	20.27	20.28	20.24	20.46	20.48		
10	16QAM	25	25	20.53	20.44	20.40	20.40	20.40	22	2
10	16QAM	25	49	20.48	20.22	20.39	20.53	20.36		
10	64QAM	0	0	20.49	20.09	20.54	20.50	20.53		
10	64QAM	1	25	20.29	20.27	20.46	20.40	20.51		
10	64QAM	1	49	20.44	20.15	20.47	20.37	20.46	22	2
10	64QAM	25	0	19.31	19.29	19.39	19.49	19.54		
10	64QAM	25	12	19.21	19.34	19.43	19.35	19.51		
10	64QAM	25	25	19.18	19.16	19.50	19.63	19.26		
10	64QAM	50	0	19.33	19.21	19.48	19.64	19.42	21	3
10	256QAM	1	0	17.31	17.40	17.38	17.44	17.47		
10	256QAM	1	25	17.33	17.30	17.46	17.51	17.43		
10	256QAM	1	49	17.32	17.38	17.38	17.53	17.34		
10	256QAM	25	0	17.30	17.37	17.56	17.40	17.38	19	5
10	256QAM	25	12	17.32	17.08	17.54	17.51	17.40		
10	256QAM	25	25	17.35	17.21	17.51	17.28	17.40		
10	256QAM	50	0	17.55	17.19	17.57	17.32	17.38		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.48	22.34	22.42	22.41	22.53	24	0
5	QPSK	1	12	22.27	22.25	22.37	22.31	22.44		
5	QPSK	1	24	22.43	22.39	22.44	22.26	22.36		
5	QPSK	12	0	21.45	21.20	21.55	21.36	21.50		
5	QPSK	12	7	21.45	21.25	21.35	21.39	21.30	23	1
5	QPSK	12	13	21.36	21.08	21.32	21.15	21.09		
5	QPSK	25	0	21.18	21.30	21.48	21.20	21.26		
5	16QAM	1	0	21.37	21.05	21.36	21.40	21.36		
5	16QAM	1	12	21.31	21.02	21.16	21.36	21.50	23	1
5	16QAM	1	24	21.15	21.26	21.29	21.42	21.26		
5	16QAM	12	0	20.26	20.29	20.62	20.54	20.41		
5	16QAM	12	7	20.31	20.13	20.28	20.49	20.34		
5	16QAM	12	13	20.41	20.45	20.44	20.62	20.40	22	2
5	16QAM	25	0	20.45	20.34	20.33	20.48	20.55		
5	64QAM	1	0	20.35	20.26	20.52	20.34	20.47		
5	64QAM	1	12	20.36	20.35	20.38	20.32	20.45		
5	64QAM	1	24	20.30	20.12	20.47	20.33	20.44	22	2
5	64QAM	12	0	19.33	19.22	19.52	19.46	19.43		
5	64QAM	12	7	19.26	19.25	19.41	19.47	19.49		
5	64QAM	12	13	19.37	19.19	19.48	19.62	19.37		
5	64QAM	25	0	19.21	19.29	19.53	19.64	19.56	21	3
5	256QAM	1	0	17.28	17.44	17.34	17.56	17.37		
5	256QAM	1	12	17.35	17.38	17.48	17.41	17.50		
5	256QAM	1	24	17.48	17.36	17.56	17.37	17.33		
5	256QAM	12	0	17.31	17.18	17.39	17.42	17.34	19	5
5	256QAM	12	7	17.44	17.28	17.48	17.41	17.34		
5	256QAM	12	13	17.53	17.24	17.29	17.39	17.45		
5	256QAM	25	0	17.37	17.26	17.68	17.38	17.31		

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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				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	23.09	23.15	23.12	24	0	
20	QPSK	1	49	23.02	23.03	22.91			
20	QPSK	1	99	23.06	22.93	23.09			
20	QPSK	50	0	22.01	22.19	22.06	23	1	
20	QPSK	50	24	21.93	22.04	22.02			
20	QPSK	50	50	21.83	22.06	21.96			
20	QPSK	100	0	21.85	22.20	21.98	23	1	
20	16QAM	1	0	22.00	21.98	22.01			
20	16QAM	1	49	21.81	22.03	22.03			
20	16QAM	1	99	21.94	22.14	21.85	22	2	
20	16QAM	50	0	21.08	21.08	21.02			
20	16QAM	50	24	20.90	21.13	21.08			
20	16QAM	50	50	21.10	21.16	21.06	22	2	
20	16QAM	100	0	21.09	21.29	21.03			
20	64QAM	1	0	20.90	21.24	21.00			
20	64QAM	1	49	20.95	21.15	21.02	22	2	
20	64QAM	1	99	21.05	21.14	21.17			
20	64QAM	50	0	19.94	20.18	19.98			
20	64QAM	50	24	20.10	20.27	20.15	21	3	
20	64QAM	50	50	20.06	20.19	19.95			
20	64QAM	100	0	19.98	20.25	20.00			
20	256QAM	1	0	18.04	18.18	18.06	19	5	
20	256QAM	1	49	17.91	18.19	18.09			
20	256QAM	1	99	18.08	18.11	18.14			
20	256QAM	50	0	17.92	18.30	17.95	19	5	
20	256QAM	50	24	18.12	18.14	18.07			
20	256QAM	50	50	18.01	18.25	18.13			
20	256QAM	100	0	18.07	18.29	18.17			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	22.93	22.95	23.13	24	0	
15	QPSK	1	37	23.03	22.97	22.83			
15	QPSK	1	74	23.03	22.87	22.95			
15	QPSK	36	0	21.89	22.07	21.89	23	1	
15	QPSK	36	20	21.80	21.99	21.82			
15	QPSK	36	39	21.72	21.99	21.76			
15	QPSK	75	0	21.74	22.03	21.87	23	1	
15	16QAM	1	0	21.82	21.88	21.85			
15	16QAM	1	37	21.85	21.82	21.94			
15	16QAM	1	74	21.76	22.01	21.72	22	2	
15	16QAM	36	0	20.93	20.94	20.87			
15	16QAM	36	20	20.81	21.11	20.99			
15	16QAM	36	39	20.92	21.06	21.05	21	3	
15	16QAM	75	0	20.99	21.31	20.92			
15	64QAM	1	0	20.68	21.11	20.95			
15	64QAM	1	37	20.74	21.01	20.87	22	2	
15	64QAM	1	74	20.88	21.03	21.09			
15	64QAM	36	0	19.94	20.09	19.86			
15	64QAM	36	20	19.94	20.09	20.03	21	3	
15	64QAM	36	39	19.93	20.08	19.93			
15	64QAM	75	0	19.95	20.06	19.87			
15	256QAM	1	0	17.98	18.15	17.86	19	5	
15	256QAM	1	37	17.77	18.01	18.10			
15	256QAM	1	74	18.06	18.05	18.06			
15	256QAM	36	0	17.85	18.21	17.75	19	5	
15	256QAM	36	20	17.92	18.10	17.90			
15	256QAM	36	39	17.98	18.12	18.08			
15	256QAM	75	0	18.00	18.21	17.95			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	23.01	23.04	23.11	24	0	
10	QPSK	1	25	22.91	22.89	22.83			
10	QPSK	1	49	22.99	22.72	22.92			
10	QPSK	25	0	21.91	22.06	21.95	23	1	
10	QPSK	25	12	21.78	21.92	22.02			
10	QPSK	25	25	21.72	21.89	21.91			
10	QPSK	50	0	21.75	22.06	21.81	23	1	
10	16QAM	1	0	21.96	21.77	21.87			
10	16QAM	1	25	21.73	21.85	21.90			
10	16QAM	1	49	21.73	21.95	21.79	22	2	
10	16QAM	25	0	21.02	20.89	20.89			
10	16QAM	25	12	20.92	20.96	21.02			
10	16QAM	25	25	20.88	20.94	20.99	22	2	
10	16QAM	50	0	20.96	21.18	20.85			
10	64QAM	1	0	20.83	21.19	20.86			
10	64QAM	1	25	20.96	21.14	20.90	22	2	
10	64QAM	1	49	21.04	20.96	21.01			
10	64QAM	25	0	19.74	20.14	19.83			
10	64QAM	25	12	20.11	20.11	20.05	21	3	
10	64QAM	25	25	20.06	20.02	19.94			
10	64QAM	50	0	19.93	20.15	19.79			
10	256QAM	1	0	17.99	17.99	17.88	19	5	
10	256QAM	1	25	17.89	18.14	17.99			
10	256QAM	1	49	18.06	18.01	17.96			
10	256QAM	25	0	17.91	18.18	17.79	19	5	
10	256QAM	25	12	17.98	18.07	17.89			
10	256QAM	25	25	17.79	18.08	17.96			
10	256QAM	50	0	18.04	18.13	17.99			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	22.95	22.96	22.92	24	0	
5	QPSK	1	12	22.91	22.90	22.87			
5	QPSK	1	24	22.90	22.77	22.89			
5	QPSK	12	0	21.84	22.07	21.95	23	1	
5	QPSK	12	7	21.71	22.00	21.90			
5	QPSK	12	13	21.75	21.95	21.86			
5	QPSK	25	0	21.73	22.18	22.00	23	1	
5	16QAM	1	0	21.90	21.79	21.99			
5	16QAM	1	12	21.81	21.90	21.94			
5	16QAM	1	24	21.92	21.96	21.67	23	1	
5	16QAM	12	0	20.94	21.01	20.81			
5	16QAM	12	7	20.71	20.94	21.06			
5	16QAM	12	13	20.90	21.08	20.86	22	2	
5	16QAM	25	0	21.10	21.28	20.99			
5	64QAM	1	0	20.76	21.17	20.92			
5	64QAM	1	12	20.87	20.97	20.83	22	2	
5	64QAM	1	24	20.99	21.06	21.01			
5	64QAM	12	0	19.88	20.09	19.87			
5	64QAM	12	7	20.09	20.07	19.99	21	3	
5	64QAM	12	13	19.93	20.02	19.84			
5	64QAM	25	0	19.84	20.23	19.84			
5	256QAM	1	0	18.04	18.07	18.02	19	5	
5	256QAM	1	12	17.83	18.16	17.96			
5	256QAM	1	24	18.06	18.05	18.08			
5	256QAM	12	0	17.90	18.25	17.78	19	5	
5	256QAM	12	7	18.00	18.13	17.99			
5	256QAM	12	13	17.92	18.26	18.13			
5	256QAM	25	0	18.04	18.15	18.15			

Reduced Power Mode for DSI2

GSM850 Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		124	168	251		168	169	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.75	32.84	32.78	33.50	23.75	23.84	23.78	24.50
GPRS 1 Tx slot		32.72	32.81	32.76	33.50	23.72	23.81	23.76	24.50
GPRS 2 Tx slots		29.53	29.31	28.55	30.50	23.53	23.31	23.55	24.50
GPRS 3 Tx slots		27.72	27.53	27.50	28.50	23.48	23.27	23.24	24.24
GPRS 4 Tx slots		26.41	26.38	26.30	27.50	23.41	23.38	23.30	24.50
EDGE 1 Tx slot		26.76	26.71	26.73	27.50	17.76	17.71	17.73	18.50
EDGE 2 Tx slots		25.39	25.32	25.35	26.50	19.39	19.32	19.35	20.50
EDGE 3 Tx slots		23.86	23.66	23.70	24.50	19.60	19.40	19.44	20.24
EDGE 4 Tx slots		21.64	21.66	21.54	22.50	18.64	18.65	18.54	19.50

Band		WCDMA V Ant 0			Tune-up Limit (dBm)
TX Channel		4152	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		823.4	835.4	848.0	
3GPP Rel 99	AMR 12.2Kbps	22.85	22.85	22.78	24.00
3GPP Rel 99	RMC 12.2Kbps	22.95	23.03	22.96	24.00
3GPP Rel 6	HSDPA Subtest-1	22.05	22.00	21.90	23.00
3GPP Rel 6	HSDPA Subtest-2	22.01	21.98	21.89	23.00
3GPP Rel 6	HSDPA Subtest-3	21.53	21.58	21.52	22.50
3GPP Rel 6	HSDPA Subtest-4	21.47	21.46	21.52	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.02	21.95	22.03	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.04	22.04	21.92	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.50	21.48	21.37	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.37	21.62	21.49	22.50
3GPP Rel 6	HSUPA Subtest-1	21.93	22.02	22.03	23.00
3GPP Rel 6	HSUPA Subtest-2	20.05	19.97	19.96	21.00
3GPP Rel 6	HSUPA Subtest-3	21.05	20.94	20.85	22.00
3GPP Rel 6	HSUPA Subtest-4	19.84	20.12	20.03	21.00
3GPP Rel 6	HSUPA Subtest-5	21.85	22.14	21.86	23.00

Band 5 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel				2300	2350	2400			
Frequency (MHz)				620	635	644			
10	QPSK	1	0	22.83	22.94	22.93		24	0
10	QPSK	1	25	22.65	22.90	22.89			
10	QPSK	1	49	22.79	22.91	22.83			
10	QPSK	25	0	21.88	22.07	22.00			
10	QPSK	25	12	22.03	22.06	21.97		23	1
10	QPSK	25	25	22.06	21.97	21.86			
10	QPSK	50	0	21.94	22.03	21.89			
10	16QAM	1	0	21.95	22.04	22.01			
10	16QAM	1	49	22.05	21.95	21.90		23	1
10	16QAM	1	25	21.82	21.86	21.89			
10	16QAM	25	12	21.00	20.86	21.05			
10	16QAM	25	25	21.03	20.86	20.86		22	2
10	16QAM	50	0	20.95	20.84	21.01			
10	64QAM	1	0	20.95	20.94	20.87			
10	64QAM	1	25	20.95	20.88	20.93		22	2
10	64QAM	1	49	21.08	20.80	20.88			
10	64QAM	25	0	19.93	19.90	19.84			
10	64QAM	25	12	19.87	19.92	20.03			
10	64QAM	25	25	19.94	19.94	19.92		21	3
10	64QAM	50	0	19.93	19.89	19.91			
10	256QAM	1	0	18.07	18.03	17.98			
10	256QAM	1	25	18.09	18.03	18.05		19	5
10	256QAM	1	49	18.03	18.03	18.08			
10	256QAM	25	0	17.89	17.87	17.99			
10	256QAM	25	12	18.11	17.91	18.05			
10	256QAM	25	25	17.92	17.93	17.96		19	5
10	256QAM	50	0	18.03	18.01	17.97			
Channel				24025	24025	24025	Turn-up limit (dBm)		
Frequency (MHz)				626.5	636.5	646.3			
5	QPSK	1	0	22.66	22.85	22.76		24	
5	QPSK	1	12	22.52	22.90	22.72			
5	QPSK	1	24	22.65	22.84	22.83			
5	QPSK	12	0	21.90	22.02	21.99			
5	QPSK	12	7	22.00	21.93	21.87		23	1
5	QPSK	12	13	22.04	21.90	21.82			
5	QPSK	25	0	21.90	21.88	21.76			
5	16QAM	1	0	21.96	21.86	21.81		23	1
5	16QAM	1	12	21.81	21.78	21.93			
5	16QAM	1	24	21.86	21.76	21.99			
5	16QAM	12	0	20.95	20.82	20.75			
5	16QAM	12	7	21.02	20.80	20.87		22	2
5	16QAM	25	0	20.93	20.89	20.87			
5	16QAM	25	0	20.73	20.85	20.90			
5	64QAM	1	0	20.84	20.92	20.86		22	2
5	64QAM	1	12	20.79	20.72	20.92			
5	64QAM	1	24	20.84	20.76	20.81			
5	64QAM	12	0	19.88	19.74	19.84			
5	64QAM	12	7	19.82	19.71	19.83		21	3
5	64QAM	12	13	19.94	19.94	19.77			
5	64QAM	25	0	19.84	19.71	19.71			
5	256QAM	1	0	17.91	18.04	17.81		19	5
5	256QAM	1	12	17.90	17.95	17.89			
5	256QAM	1	24	17.91	17.96	18.04			
5	256QAM	12	0	17.85	17.82	17.84			
5	256QAM	12	7	17.80	17.74	17.86		19	5
5	256QAM	12	13	17.74	17.94	17.75			
5	256QAM	25	0	18.00	18.03	17.81			
Channel				24045	24055	24035	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				626.5	636.5	646.3			
3	QPSK	1	0	22.80	22.93	22.69		24	0
3	QPSK	1	8	22.60	22.92	22.69			
3	QPSK	1	14	22.61	22.88	22.83			
3	QPSK	8	0	21.71	21.91	21.87			
3	QPSK	8	4	21.90	21.72	21.85		23	1
3	QPSK	8	7	22.01	21.85	21.76			
3	QPSK	16	0	21.75	21.88	21.70			
3	16QAM	1	0	21.84	22.06	22.00		23	1
3	16QAM	1	8	21.75	21.70	21.92			
3	16QAM	1	14	21.84	21.73	21.92			
3	16QAM	8	0	20.81	20.94	20.71			
3	16QAM	8	4	20.80	20.74	21.00		22	2
3	16QAM	8	7	20.86	20.81	20.74			
3	16QAM	16	0	20.75	20.71	20.98			
3	64QAM	1	0	20.81	20.75	20.74		22	2
3	64QAM	1	8	20.86	20.76	20.73			
3	64QAM	1	14	20.99	20.73	20.69			
3	64QAM	8	0	19.90	19.74	19.82			
3	64QAM	8	4	19.67	19.77	19.92		21	3
3	64QAM	8	7	19.62	19.67	19.89			
3	64QAM	16	0	19.79	19.71	19.92			
3	256QAM	1	0	18.02	17.98	17.76		19	5
3	256QAM	1	8	17.96	17.95	17.87			
3	256QAM	1	14	17.85	18.04	18.02			
3	256QAM	8	0	17.77	17.85	17.89			
3	256QAM	8	4	18.06	17.90	17.90		19	5
3	256QAM	8	7	17.71	17.90	17.91			
3	256QAM	16	0	17.88	17.99	17.96			
Channel				24007	24055	24043	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				624.7	636.5	646.3			
1.4	QPSK	1	0	22.69	22.92	22.82		24	0
1.4	QPSK	1	3	22.59	22.85	22.81			
1.4	QPSK	1	5	22.59	22.82	22.82			
1.4	QPSK	3	0	22.73	22.81	22.76			
1.4	QPSK	3	1	22.53	22.85	22.87		23	1
1.4	QPSK	3	3	22.77	22.89	22.83			
1.4	QPSK	6	0	21.93	21.88	21.85			
1.4	16QAM	1	0	21.87	21.89	21.85		23	1
1.4	16QAM	1	3	21.71	21.88	21.96			
1.4	16QAM	1	5	21.84	21.87	21.81			
1.4	16QAM	3	0	21.84	21.84	21.73			
1.4	16QAM	3	1	21.94	22.00	21.97		22	2
1.4	16QAM	3	3	21.74	21.68	21.79			
1.4	16QAM	6	0	20.84	20.69	20.99			
1.4	64QAM	1	0	20.77	20.89	20.81		22	2
1.4	64QAM	1	3	20.83	20.68	20.89			
1.4	64QAM	1	5	20.91	20.84	20.68			
1.4	64QAM	3	0	20.98	20.78	21.00			
1.4	64QAM	3	1	20.84	20.85	20.83		21	3
1.4	64QAM	3	3	20.92	20.73	20.99			
1.4	64QAM	6	0	19.75	19.77	19.78			
1.4	256QAM	1	0	18.02	17.99	17.83		19	5
1.4	256QAM	1	3	18.03	17.99	17.97			
1.4	256QAM	1	5	18.04	17.90	18.00			
1.4	256QAM	3	0	17.88	17.82	17.87			
1.4	256QAM	3	1	18.02	17.76	17.97		19	5
1.4	256QAM	3	3	17.73	17.83	17.95			
1.4	256QAM	6	0	17.89	17.93	17.78			

Band 12 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.83	22.94	22.93		24	0
10	QPSK	1	25	22.65	22.90	22.89			
10	QPSK	1	49	22.89	22.82	22.77			
10	QPSK	25	0	21.91	22.07	22.01			
10	QPSK	25	12	21.90	21.87	21.96		23	1
10	QPSK	25	25	21.94	21.86	22.03			
10	QPSK	50	0	21.97	22.03	21.88			
10	16QAM	1	0	22.09	21.98	21.94		23	1

Band 17 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 23790	Power Middle Ch. / Freq. 23790	Power High Ch. / Freq. 23800	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.82	22.85	22.77	24	0	
10	QPSK	1	25	22.70	22.78	22.65			
10	QPSK	1	49	22.66	22.78	22.58			
10	QPSK	25	0	21.75	21.93	21.78			
10	QPSK	25	12	21.78	21.88	21.92	23	1	
10	QPSK	25	25	21.76	21.80	21.87			
10	QPSK	50	0	21.83	21.90	21.88			
10	16QAM	1	0	21.82	21.94	21.73			
10	16QAM	1	25	21.83	21.92	21.86	23	1	
10	16QAM	1	49	21.94	21.89	21.81			
10	16QAM	25	0	20.76	20.87	20.74			
10	16QAM	25	12	20.80	20.80	20.84			
10	16QAM	25	25	20.77	20.75	20.87	22	2	
10	16QAM	50	0	20.82	20.67	20.84			
10	64QAM	1	0	20.76	20.77	20.81			
10	64QAM	1	25	20.73	20.75	20.89			
10	64QAM	1	49	20.89	20.79	20.86	22	2	
10	64QAM	25	0	19.91	19.81	19.91			
10	64QAM	25	12	19.72	19.86	19.75			
10	64QAM	25	25	19.81	19.81	19.91			
10	64QAM	50	0	19.62	19.71	19.92	21	3	
10	256QAM	1	0	17.88	17.82	17.87			
10	256QAM	1	25	17.83	17.98	17.88			
10	256QAM	1	49	17.82	17.86	17.88			
10	256QAM	25	0	17.82	17.83	17.74	19	5	
10	256QAM	25	12	17.96	17.84	17.81			
10	256QAM	25	25	17.89	17.84	17.84			
10	256QAM	50	0	17.87	17.82	17.86			
Channel									
Frequency (MHz)							706.5 <th>710<th>713.5</th></th>	710 <th>713.5</th>	713.5
5	QPSK	1	0	22.70	22.72	22.55	24	0	
5	QPSK	1	12	22.62	22.75	22.45			
5	QPSK	1	24	22.65	22.58	22.50			
5	QPSK	12	0	21.62	21.86	21.65			
5	QPSK	12	7	21.73	21.72	21.89	23	1	
5	QPSK	12	13	21.77	21.74	21.67			
5	QPSK	25	0	21.64	21.75	21.67			
5	16QAM	1	0	21.62	21.62	21.58			
5	16QAM	1	12	21.64	21.62	21.56	23	1	
5	16QAM	1	24	20.87	20.75	20.70			
5	16QAM	1	24	21.77	21.76	21.82			
5	16QAM	12	0	20.76	20.89	20.55			
5	16QAM	12	7	20.67	20.75	20.57	22	2	
5	16QAM	12	13	20.84	20.70	20.75			
5	16QAM	25	0	20.81	20.69	20.74			
5	64QAM	1	0	20.63	20.78	20.72			
5	64QAM	1	12	20.51	20.75	20.87	22	2	
5	64QAM	1	24	20.67	20.73	20.70			
5	64QAM	12	0	19.89	19.77	19.84			
5	64QAM	12	7	19.70	19.79	19.58			
5	64QAM	12	13	19.85	19.77	19.81	21	3	
5	64QAM	25	0	19.62	19.53	19.88			
5	256QAM	1	0	17.89	17.73	17.84			
5	256QAM	1	12	17.71	17.83	17.87			
5	256QAM	1	24	17.82	17.62	17.88	19	5	
5	256QAM	12	0	17.76	17.80	17.80			
5	256QAM	12	7	17.92	17.70	17.81			
5	256QAM	12	13	17.73	17.82	17.79			
5	256QAM	25	0	17.74	17.76	17.93			

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	22.85	23.06	22.88	24	0			
15	QPSK	1	37	22.84	22.75	22.68					
15	QPSK	1	74	22.78	22.91	22.78					
15	QPSK	36	0	21.85	21.95	21.81					
15	QPSK	36	20	21.81	21.83	21.75	23	1			
15	QPSK	36	39	21.84	21.85	21.80					
15	QPSK	75	0	21.71	21.81	21.80					
15	16QAM	1	0	21.73	21.72	21.76					
15	16QAM	1	37	21.76	21.76	21.76	23	1			
15	16QAM	1	74	21.78	21.90	21.92					
15	16QAM	36	0	20.84	20.79	20.79					
15	16QAM	36	20	20.84	20.92	20.84					
15	16QAM	36	39	20.86	20.98	20.81	22	2			
15	16QAM	75	0	21.00	20.93	20.97					
15	64QAM	1	0	20.88	20.87	20.81					
15	64QAM	1	37	20.91	20.76	20.89					
15	64QAM	1	74	20.82	20.79	20.88	22	2			
15	64QAM	36	0	19.87	19.85	19.88					
15	64QAM	36	20	20.01	19.98	19.90					
15	64QAM	36	39	19.93	19.82	19.97					
15	64QAM	75	0	19.86	20.00	19.89	21	3			
15	256QAM	1	0	17.73	17.73	17.87					
15	256QAM	1	37	17.71	17.84	17.92					
15	256QAM	1	74	17.82	17.90	17.84					
15	256QAM	36	0	17.75	17.69	17.79	19	5			
15	256QAM	36	20	17.88	17.71	17.78					
15	256QAM	36	39	17.83	17.87	17.93					
15	256QAM	75	0	17.84	17.78	17.81					
Channel				26740	26865	26960	Tune-up limit (dBm) MPR (dB)				
Frequency (MHz)				816	831.5	846.5					
10	QPSK	1	0	22.71	22.88	22.73	24	0			
10	QPSK	1	25	22.78	22.65	22.56					
10	QPSK	1	49	22.62	22.75	22.68					
10	QPSK	25	0	21.69	21.81	21.61					
10	QPSK	25	12	21.77	21.79	21.75	23	1			
10	QPSK	25	25	21.78	21.79	21.69					
10	QPSK	50	0	21.68	21.60	21.66					
10	16QAM	1	0	21.70	21.71	21.66					
10	16QAM	1	25	21.75	21.58	21.75	23	1			
10	16QAM	1	49	21.59	21.81	21.74					
10	16QAM	25	0	20.77	20.80	20.58					
10	16QAM	25	12	20.71	20.89	20.72					
10	16QAM	25	25	20.78	20.85	20.85	22	2			
10	16QAM	50	0	20.81	20.78	20.79					
10	64QAM	1	0	20.86	20.70	20.73					
10	64QAM	1	25	20.79	20.65	20.76					
10	64QAM	1	49	20.62	20.69	20.74	22	2			
10	64QAM	25	0	19.82	19.86	19.68					
10	64QAM	25	12	19.98	19.97	19.88					
10	64QAM	25	25	19.94	19.62	19.79					
10	64QAM	50	0	19.80	19.96	19.78	21	3			
10	256QAM	1	0	17.58	17.58	17.87					
10	256QAM	1	25	17.54	17.84	17.94					
10	256QAM	1	49	17.71	17.86	17.80					
10	256QAM	25	0	17.65	17.57	17.70	19	5			
10	256QAM	25	12	17.66	17.52	17.68					
10	256QAM	25	25	17.70	17.65	17.91					
10	256QAM	50	0	17.80	17.74	17.76					
Channel				26715	26865	27015	Tune-up limit (dBm) MPR (dB)				
Frequency (MHz)				816.5	831.5	846.5					
5	QPSK	1	0	22.78	22.74	22.77	24	0			
5	QPSK	1	12	22.80	22.56	22.69					
5	QPSK	1	24	22.72	22.70	22.66					
5	QPSK	12	0	21.80	21.75	21.64					
5	QPSK	12	7	21.76	21.65	21.62	23	1			
5	QPSK	12	13	21.67	21.87	21.79					
5	QPSK	25	0	21.63	21.60	21.65					
5	QPSK	25	0	21.64	21.53	21.66					
5	16QAM	1	0	21.66	21.76	21.76	23	1			
5	16QAM	1	24	21.60	21.75	21.82					
5	16QAM	12	7	20.79	20.74	20.75					
5	16QAM	12	7	20.85	20.67	20.68					
5	16QAM	12	13	20.81	20.68	20.69	22	2			
5	16QAM	25	0	20.98	20.78	20.79					
5	64QAM	1	0	20.83	20.85	20.84					
5	64QAM	1	12	20.83	20.71	20.85					
5	64QAM	1	24	20.61	20.72	20.70	22	2			
5	64QAM	12	0	19.86	19.88	19.86					
5	64QAM	12	7	19.86	19.78	19.86					
5	64QAM	12	7	19.89	19.95	19.86					
5	64QAM	12	13	19.89	19.80	19.87	21	3			
5	64QAM	25	0	19.69	19.86	19.73					
5	64QAM	25	7	17.63	17.79	17.83					
5	256QAM	1	12	17.71	17.85	17.83					
5	256QAM	1	24	17.91	17.87	17.81	19			5	
5	256QAM	12	0	17.62	17.83	17.81					
5	256QAM	12	7	17.83	17.50	17.57					
5	256QAM	12	13	17.62	17.76	17.87					
5	256QAM	25	0	17.74	17.77	17.76	Tune-up limit (dBm) MPR (dB)				
Channel				26705	26865	27025					
Frequency (MHz)				816.5	831.5	846.5					
3	QPSK	1	0	22.81	22.77	22.78	24	0			
3	QPSK	1	8	22.84	22.72	22.47					
3	QPSK	1	14	22.76	22.73	22.72					
3	QPSK	8	0	21.75	21.93	21.64					
3	QPSK	8	0	21.7	21.79	21.69	23	1			
3	QPSK	8	7	21.62	21.82	21.63					
3	QPSK	15	0	21.64	21.72	21.69					
3	16QAM	1	0	21.57	21.52	21.57					
3	16QAM	1	0	21.66	21.68	21.75	22	2			
3	16QAM	1	14	21.64	21.85	21.93					
3	16QAM	8	0	20.70	20.72	20.79					
3	16QAM	8	4	20.65	20.75	20.62					
3	16QAM	7	7	20.85	20.78	20.76	21	2			
3	64QAM	1	0	20.93	20.67	20.60					
3	64QAM	1	8	20.93	20.58	20.77					
3	64QAM	1	14	20.81	20.78	20.73					
3	64QAM	8	0	19.82	19.86	19.88	21	3			
3	64QAM	8	4	19.97	19.79	19.89					
3	64QAM	8	7	19.69	19.67	19.79					
3	64QAM	15	0	19.99	19.83	19.84					
3	256QAM	1	0	17.70	17.69	17.86	19	5			
3	256QAM	1	14	17.71	17.81	17.78					
3	256QAM	1	14	17.75	17.88	17.71					
3	256QAM	8	0	17.77	17.69	17.81					
3	256QAM	8	4	17.84	17.62	17.85	19			5	
3	256QAM	8	7	17.86	17.62	17.86					
3	256QAM	15	0	17.75	17.73	17.65					
Channel				26697	26765	27033		Tune-up limit (dBm) MPR (dB)			
Frequency (MHz)				814.7	831.5	848.3					
1.4	QPSK	1	0	22.67	22.85	22.82	24	0			
1.4	QPSK	1	22	22.68	22.67	22.52					
1.4	QPSK	1	5	22.61	22.90	22.84					
1.4	QPSK	3	0	22.64	22.92	22.90					
1.4	QPSK	3	0	22.81	22.64	22.62	23	0			
1.4	QPSK	3	23	22.57	22.81	22.83					
1.4	QPSK	6	0	21.70	21.71	21.62					
1.4	16QAM	1	0	21.64	21.72	21.72					
1.4	16QAM	1	3	21.69	21.70	21.60	23	1			
1.4	16QAM	1	3	21.7	21.69	21.72					
1.4	16QAM	3	0	21.54	21.65	21.60					
1.4	16QAM	3	1	21.74	21.50	21.63					
1.4	16QAM	3	3	21.69	21.59	21.66	22	2			
1.4	16QAM	6	0	20.80	20.60	20.77					
1.4	64QAM	1	3	20.74	20.60	20.72					
1.4	64QAM	1	5	20.75	20.70	20.78					
1.4	64QAM	3	0	20.63	20.67	20.80	22	2			
1.4	64QAM	3	2	20.84	20.71	20.78					
1.4	64QAM	3	3	20.71	20.80	20.78					
1.4	64QAM	6	0	19.85	19.90	19.84					
1.4	256QAM	1	0	17.62	17.72	17.68	21	3			
1.4	256QAM	1	3	17.67	17.68	17.78					
1.4	256QAM	1	5	17.73	17.88	17.85					
1.4	256QAM	3	0	17.69	17.57	17.78					
1.4	256QAM	3	1	17.67	17.60	17.58	19	5			
1.4	256QAM	3	17	17.72	17.72	17.84					
1.4	256QAM	6	0	17.72	17.78	17.76					
1.4	256QAM	6	0	17.72	17.78	17.76					

GSM1900 Ant 1	Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame-Average Power (dbm)			Tune-up Limit (dbm)
	512	661	810		512	661	810	
TX Channel	1850.2	1850	1850.8		1850.2	1850	1850.8	
Frequency (MHz)								
GSM 1 Tx slot	29.15	29.16	29.09	30.50	20.15	20.16	20.09	21.50
GPRS 1 Tx slot	29.12	29.14	29.05	30.50	20.12	20.14	20.05	21.50
GPRS 2 Tx slots	25.66	25.63	25.61	26.50	19.60	19.63	19.61	20.50
GPRS 3 Tx slots	23.92	23.73	23.93	25.00	19.66	19.47	19.67	20.74
GPRS 4 Tx slots	22.30	22.37	22.38	23.50	19.30	19.37	19.38	20.50
EDGE 1 Tx slot	25.37	25.19	25.38	26.50	16.37	16.19	16.38	17.50
EDGE 2 Tx slots	23.65	23.64	23.75	24.50	17.65	17.64	17.75	18.50
EDGE 3 Tx slots	21.78	21.76	21.81	23.00	17.52	17.50	17.55	18.74
EDGE 4 Tx slots	19.85	19.69	19.68	21.00	16.85	16.69	16.68	18.00

Band	WCDMA 1 Ant 1			Tune-up Limit (dbm)	WCDMA 1 Ant 1			Tune-up Limit (dbm)	
	9262	9400	9538		1312	1413	1513		
TX Channel	9662	9800	9938		1537	1638	1738		
Rx Channel									
Frequency (MHz)	1522.4	1530	1537.5		1722.4	1732.6	1752.6		
3GPP Rel 99	AMR 12.2Kbps	22.58	22.80	22.75	24.00	22.83	22.70	22.72	24.00
3GPP Rel 99	RMC 12.2Kbps	22.76	22.81	22.78	24.00	22.87	22.92	22.89	24.00
3GPP Rel 6	HSDSA Subtest-1	21.65	21.80	21.66	23.00	21.75	21.73	21.84	23.00
3GPP Rel 6	HSDSA Subtest-2	21.83	21.92	21.89	23.00	21.83	21.75	21.75	23.00
3GPP Rel 6	HSDSA Subtest-3	21.42	21.33	21.35	22.50	21.33	21.49	21.47	22.50
3GPP Rel 6	HSDSA Subtest-4	21.38	21.48	21.39	22.50	21.29	21.43	21.42	22.50
3GPP Rel 8	DCHSDSPA Subtest-1	21.75	21.83	21.82	23.00	21.74	21.90	21.86	23.00
3GPP Rel 8	DCHSDSPA Subtest-2	21.84	21.91	21.88	23.00	21.88	21.82	21.76	23.00
3GPP Rel 8	DCHSDSPA Subtest-3	21.42	21.52	21.42	22.50	21.25	21.46	21.45	22.50
3GPP Rel 8	DCHSDSPA Subtest-4	21.43	21.48	21.38	22.50	21.29	21.37	21.27	22.50
3GPP Rel 6	HSUPA Subtest-1	21.72	21.79	21.86	23.00	21.74	21.80	21.76	23.00
3GPP Rel 6	HSUPA Subtest-2	19.70	19.79	19.67	21.00	19.83	19.82	19.78	21.00
3GPP Rel 6	HSUPA Subtest-3	20.87	20.88	20.95	22.00	20.83	20.86	20.92	22.00
3GPP Rel 6	HSUPA Subtest-4	19.76	19.79	19.66	21.00	19.95	19.93	19.86	21.00
3GPP Rel 6	HSUPA Subtest-5	21.78	21.81	21.80	23.00	21.68	21.79	21.85	23.00

Band 2 Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Mid Ch / Freq.	Power High Ch / Freq.	Turn-on time (sec)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.72	22.50	22.83			
20	QPSK	1	48	22.53	22.40	22.82	24	0	
20	QPSK	1	96	22.66	22.84	22.83			
20	QPSK	50	0	21.80	21.85	21.67			
20	QPSK	50	24	21.83	21.84	21.74	23	1	
20	QPSK	50	50	21.74	21.67	21.74			
20	QPSK	100	0	21.80	21.84	21.82			
20	QPSK	100	24	21.78	21.86	21.82	23	1	
20	QPSK	1	48	21.81	21.76	21.73			
20	QPSK	1	96	21.83	21.68	21.71			
20	QPSK	50	0	20.69	20.78	20.83			
20	QPSK	50	24	20.64	20.81	20.76	22	2	
20	QPSK	50	50	20.81	20.76	20.71			
20	QPSK	100	0	20.74	20.64	20.75			
20	QPSK	1	48	20.66	20.73	20.81	22	2	
20	QPSK	1	96	20.64	20.60	20.66			
20	QPSK	50	0	19.79	19.81	19.89			
20	QPSK	50	24	19.75	19.76	19.83	21	3	
20	QPSK	50	50	19.69	19.83	19.78			
20	QPSK	100	0	19.81	19.64	19.70			
20	QPSK	1	48	17.77	17.73	17.71			
20	QPSK	1	96	17.77	17.67	17.68	19	5	
20	QPSK	1	96	17.83	17.77	17.80			
20	QPSK	50	0	17.80	17.82	17.76			
20	QPSK	50	24	17.74	17.76	17.79	19	5	
20	QPSK	50	50	17.67	17.68	17.74			
20	QPSK	100	0	17.74	17.68	17.74			
Channel									
Frequency (MHz)									
15	QPSK	1	0	19.67	19.65	19.65			
15	QPSK	1	48	22.86	22.82	22.78	24	0	
15	QPSK	1	74	22.35	22.79	22.81			
15	QPSK	36	0	21.76	21.67	21.58			
15	QPSK	36	24	21.78	21.63	21.70	23	1	
15	QPSK	36	36	21.64	21.61	21.68			
15	QPSK	75	0	21.79	21.61	21.61			
15	QPSK	1	37	21.81	21.71	21.52	23	1	
15	QPSK	1	74	21.77	21.72	21.72			
15	QPSK	36	0	20.64	20.61	20.79			
15	QPSK	36	24	20.46	20.59	20.71	22	2	
15	QPSK	36	36	20.64	20.60	20.66			
15	QPSK	75	0	20.63	20.60	20.55			
15	QPSK	1	0	20.64	20.75	20.83			
15	QPSK	1	37	20.46	20.52	20.77	22	2	
15	QPSK	1	74	20.51	20.55	20.53			
15	QPSK	36	0	19.79	19.71	19.82			
15	QPSK	36	24	19.80	19.73	19.83	21	3	
15	QPSK	36	36	19.69	19.75	19.72			
15	QPSK	75	0	19.73	19.66	19.62			
15	QPSK	1	37	17.71	17.67	17.50	19	5	
15	QPSK	1	74	17.70	17.70	17.77			
15	QPSK	36	0	17.68	17.69	17.65			
15	QPSK	36	24	17.58	17.73	17.72	19	5	
15	QPSK	36	36	17.60	17.67	17.63			
15	QPSK	75	0	17.63	17.69	17.68			
Channel									
Frequency (MHz)									
10	QPSK	1	0	19.65	19.65	19.65			
10	QPSK	1	25	22.44	22.74	22.73	24	0	
10	QPSK	1	48	22.54	22.75	22.81			
10	QPSK	25	0	21.68	21.64	21.68			
10	QPSK	25	12	21.75	21.62	21.71	23	1	
10	QPSK	25	25	21.63	21.53	21.69			
10	QPSK	50	0	21.67	21.64	21.67			
10	QPSK	1	0	21.70	21.84	21.81			
10	QPSK	1	25	21.69	21.66	21.68	23	1	
10	QPSK	1	48	21.68	21.67	21.69			
10	QPSK	25	0	20.48	20.59	20.64			
10	QPSK	25	12	20.43	20.42	20.77	22	2	
10	QPSK	25	25	20.62	20.53	20.64			
10	QPSK	50	0	20.59	20.45	20.58			
10	QPSK	1	0	20.61	20.68	20.66			
10	QPSK	1	25	20.53	20.57	20.71	22	2	
10	QPSK	1	48	20.51	20.61	20.56			
10	QPSK	25	0	19.78	19.73	19.50			
10	QPSK	25	12	19.76	19.81	19.84	21	3	
10	QPSK	25	25	19.63	19.67	19.62			
10	QPSK	50	0	17.71	17.69	17.65			
10	QPSK	1	25	17.72	17.69	17.52	19	5	
10	QPSK	1	48	17.65	17.75	17.61			
10	QPSK	25	0	17.55	17.49	17.57			
10	QPSK	25	12	17.63	17.58	17.59	19	5	
10	QPSK	25	25	17.59	17.61	17.62			
10	QPSK	50	0	17.67	17.69	17.59			
Channel									
Frequency (MHz)									
5	QPSK	1	0	19.62	19.60	19.61			
5	QPSK	1	12	22.40	22.50	22.72	24	0	
5	QPSK	1	24	22.56	22.83	22.86			
5	QPSK	12	0	21.77	21.64	21.66			
5	QPSK	12	7	21.75	21.57	21.64	23	1	
5	QPSK	12	13	21.55	21.66	21.73			
5	QPSK	25	0	21.71	21.62	21.77			
5	QPSK	1	0	21.79	21.76	21.78			
5	QPSK	1	12	21.59	21.55	21.66	23	1	
5	QPSK	1	24	21.72	21.65	21.63			
5	QPSK	12	0	20.57	20.89	20.83			
5	QPSK	12	7	20.61	20.57	20.79	22	2	
5	QPSK	12	13	20.60	20.52	20.68			
5	QPSK	25	0	20.59	20.57	20.76			
5	QPSK	1	0	20.59	20.74	20.61			
5	QPSK	1	12	20.47	20.52	20.69	22	2	
5	QPSK	1	24	20.63	20.44	20.48			
5	QPSK	12	0	19.70	19.80	19.70			
5	QPSK	12	7	19.73	19.66	19.81	21	3	
5	QPSK	12	13	19.71	19.67	19.71			
5	QPSK	25	0	17.58	17.70	17.71			
5	QPSK	1	12	17.71	17.67	17.63	19	5	
5	QPSK	1	24	17.64	17.72	17.69			
5	QPSK	12	0	17.77	17.67	17.68			
5	QPSK	12	7	17.56	17.60	17.71	19	5	
5	QPSK	12	13	17.52	17.70	17.62			
5	QPSK	25	0	17.68	17.70	17.62			
Channel									
Frequency (MHz)									
3	QPSK	1	0	22.72	22.57	22.58			
3	QPSK	1	8	22.38	22.68	22.52	24	0	
3	QPSK	1	14	22.47	22.51	22.84			
3	QPSK	8	0	21.69	21.75	21.84			
3	QPSK	8	4	21.84	21.59	21.58	23	1	
3	QPSK	8	7	21.61	21.57	21.74			
3	QPSK	15	0	21.80	21.75	21.87			
3	QPSK	1	0	21.68	21.69	21.66			
3	QPSK	1	8	21.80	21.84	21.58	23	1	
3	QPSK	1	14	21.83	21.81	21.85			
3	QPSK	8	0	20.69	20.64	20.75			
3	QPSK	8	4	20.51	20.63	20.69	22	2	
3	QPSK	8	7	20.59	20.58	20.51			
3	QPSK	15	0	20.64	20.65	20.80			
3	QPSK	1	0	20.60	20.72	20.62			
3	QPSK	1	8	20.68	20.53	20.77	22	2	
3	QPSK	1	14	20.42	20.53	20.57			
3	QPSK	8	0	19.68	19.65	19.82			
3	QPSK	8	7	19.58	19.61	19.75	21	3	
3	QPSK	1	0	17.62	17.55	17.55			
3	QPSK	1	8	17.61	17.48	17.51	19	5	
3	QPSK	1	14	17.69	17.48	17.50			
3	QPSK	8	0	17.64	17.59	17.55			
3	QPSK	8	4	17.58	17.61	17.73	19	5	
3	QPSK	8	7	17.63	17.62	17.69			
3	QPSK	15	0	17.70	17.48	17.55			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.71	22.73	22.61			
1.4	QPSK	1	3	22.53	22.79	22.52	24	0	
1.4	QPSK	1	5	22.63	22.69	22.63			
1.4	QPSK	3	0	22.51	22.76	22.61			
1.4	QPSK	3	1	22.32	22.69	22.53	23	1	
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK	3	3	22.48	22.60	22.62			
1.4	QPSK								

Band 25 Ant 1											Band 66 Ant 1																		
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq. (dBm)	Power Middle Ch./Freq. (dBm)	Power High Ch./Freq. (dBm)	Time-up (sec)	MPR (dB)			BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq. (dBm)	Power Middle Ch./Freq. (dBm)	Power High Ch./Freq. (dBm)	Time-up (sec)	MPR (dB)										
Channel											Channel																		
1800 1880 1900											130072 130522 130572																		
20	QPSK	1	0	22.72	22.88	22.88	24	0			20	QPSK	1	0	22.70	22.87	22.88	24	0										
20	QPSK	1	40	22.67	22.94	22.75																							
20	QPSK	1	90	22.66	22.88	22.78																							
20	QPSK	50	0	21.82	21.87	21.78																							
20	QPSK	50	24	21.81	21.87	21.83	23	1			20	QPSK	50	24	21.83	21.82	21.78	23	1										
20	QPSK	50	50	21.88	21.76	21.77																							
20	QPSK	100	0	21.71	21.82	21.86																							
20	16QAM	1	0	21.83	21.87	21.87																							
20	16QAM	1	40	21.86	21.70	21.86	23	1			20	16QAM	1	0	21.86	21.69	21.63	23	1										
20	16QAM	1	90	21.87	21.83	21.76																							
20	16QAM	50	0	20.60	20.75	20.76																							
20	16QAM	50	24	20.76	20.50	20.68																							
20	16QAM	50	50	20.73	20.76	20.77	22	2			20	16QAM	50	50	20.80	20.85	20.73	22	2										
20	16QAM	100	0	20.69	20.59	20.60																							
20	16QAM	1	0	20.73	20.60	20.60																							
20	16QAM	1	40	20.61	20.65	20.71																							
20	16QAM	1	90	20.78	20.59	20.72	22	2			20	16QAM	1	90	20.72	20.70	20.88	22	2										
20	16QAM	50	0	19.82	19.66	19.76																							
20	16QAM	50	24	19.74	19.61	19.79																							
20	16QAM	50	50	19.76	19.75	19.78																							
20	16QAM	100	0	19.80	19.72	19.68	21	3			20	16QAM	50	50	19.76	19.61	19.99	21	3										
20	16QAM	1	0	17.82	17.67	17.78																							
20	16QAM	1	40	17.85	17.67	17.78																							
20	16QAM	1	90	17.78	17.80	17.79																							
20	16QAM	50	0	17.79	17.59	17.83	19	5			20	16QAM	50	0	17.54	17.49	17.68	19	5										
20	16QAM	50	24	17.95	17.99	17.98																							
20	16QAM	50	50	17.86	17.81	17.81																							
20	16QAM	100	0	17.87	17.87	17.87																							
Channel											Channel																		
1807.5 1880 1907.5											130072.5 130522.5 130572.5																		
15	QPSK	1	0	22.68	22.85	22.83	24	0			15	QPSK	1	0	22.715	17.45	177.5	24	0										
15	QPSK	1	37	22.48	22.86	22.71																							
15	QPSK	1	74	22.81	22.94	22.95																							
15	QPSK	36	0	21.73	21.87	21.81																							
15	QPSK	36	25	21.87	21.85	21.82	23	1			15	QPSK	36	0	21.83	21.74	21.73	23	1										
15	QPSK	36	39	21.58	21.62	21.58																							
15	QPSK	75	0	21.61	21.66	21.66																							
15	16QAM	1	1	21.69	21.78	21.69																							
15	16QAM	1	37	21.87	21.59	21.81	23	1			15	16QAM	1	37	21.57	21.65	21.72	23	1										
15	16QAM	1	74	21.73	21.67	21.68																							
15	16QAM	36	0	20.49	20.63	20.64																							
15	16QAM	36	25	20.72	20.42	20.68																							
15	16QAM	36	39	20.55	20.59	20.59	22	2			15	16QAM	36	39	20.72	20.77	20.81	22	2										
15	16QAM	75	0	20.55	20.59	20.50																							
15	16QAM	1	0	20.73	20.58	20.49																							
15	16QAM	1	37	20.49	20.63	20.65																							
15	16QAM	1	74	20.76	20.47	20.53	21	3			15	16QAM	1	74	20.76	20.55	20.65	21	3										
15	16QAM	36	0	19.69	19.63	19.78																							
15	16QAM	36	25	19.81	19.63	19.84																							
15	16QAM	36	39	19.09	19.04	19.51																							
15	16QAM	75	0	17.70	17.72	17.82	19	5			15	16QAM	75	0	17.67	17.59	17.85	19	5										
15	16QAM	1	0	17.85	17.65	17.71																							
15	16QAM	1	37	17.85	17.65	17.71																							
15	16QAM	1	74	17.64	17.64	17.78																							
15	16QAM	36	0	17.72	17.83	17.86																							
15	16QAM	36	25	17.79	17.87	17.87																							
15	16QAM	36	39	17.88	17.89	17.80	19	5			15	16QAM	36	39	17.88	17.81	17.89	19	5										
15	16QAM	75	0	17.86	17.78	17.78																							
Channel											Channel																		
18090 18094 18096											130095 130522 130647																		
10	QPSK	1	0	22.64	22.86	22.49					24	0			10	QPSK	1					0	22.69	22.92	22.77	24	0		
10	QPSK	1	25	22.58	22.94	22.83																							
10	QPSK	1	49	22.52	22.89	22.90																							
10	QPSK	25	0	21.83	21.70	21.72																							
10	QPSK	25	12	21.69	21.54	21.70	23	1			10	QPSK	25	0	21.86	21.82	21.78	23	1										
10	QPSK	25	19	21.64	21.66	21.78																							
10	QPSK	50	0	21.87	21.70	21.67																							
10	16QAM	1	0	21.66	21.69	21.69																							
10	16QAM	1	25	21.75	21.54	21.76	23	1			10	16QAM	1	25	21.71	21.79	21.68	23	1										
10	16QAM	1	49	21.79	21.68	21.71																							
10	16QAM	25	0	20.47	20.64	20.50																							
10	16QAM	25	12	20.65	20.57	20.61																							
10	16QAM	50	0	20.60	20.70	20.78	22	2			10	16QAM	25	12	20.67	20.58	20.73	22	2										
10	16QAM	50	0	20.58	20.47	20.55																							
10	16QAM	1	0	20.64	20.56	20.46																							
10	16QAM	1	25	20.50	20.63	20.61																							
10	16QAM	1	49	20.70	20.48	20.56	21	3			10	16QAM	1	49	20.79	20.68	20.71	21	3										
10	16QAM	25	0	19.70	19.48	19.58																							
10	16QAM	25	12	19.66	19.68	19.70																							
10	16QAM	25	19	19.68	19.68	19.63																							
10	16QAM	50	0	19.66	19.69	19.50	19	5			10	16QAM	50	0	19.85	19.92	19.82	19	5										
10	16QAM	1	0	17.65	17.73	17.83																							
10	16QAM	1	25	17.95	17.71	17.70																							
10	16QAM	1	49	17.70	17.73	17.86																							
10	16QAM	25	0	17.72	17.81	17.86	19	5			10	16QAM	25	0	17.72	17.80	17.86	19	5										
10	16QAM	25	12	17.82	17.84	17.83																							
10	16QAM	25	19	17.82	17.83	17.71																							
10	16QAM	50	0	17.83	17.62	17.85																							
Channel											Channel																		
18095 18096 18098											130597 130522 130647																		
5	QPSK	1	0	22.73	22.88	22.88	24	0			5	QPSK	1	0	22.725	22.72	22.725	24	0										
5	QPSK	1	12	22.60	22.87	22.87																							
5	QPSK	1	24	22.66	22.91	22.47																							
5	QPSK	12	0	21.76	21.70	21.61																							
5	QPSK	12	7	21.71	21.53	21.89	23	1			5	QPSK	12	7	21.81	21.70	21.68	23	1										
5	QPSK	12	13	21.59	21.57	21.75																							
5	QPSK	25	0	21.62	21.70	21.64																							
5	16QAM	1	0	21.82	21.70	21.89																							
5	16QAM	1	12	21.64	21.65	21.67	23	1			5	16QAM	1	12	21.68	21.77	21.68	23	1										
5	16QAM	1	24	21.71	21.69	21.71																							
5	16QAM	12	0	20.44	20.72	20.51																							
5	16QAM	12	7	20.63	20.66	20.70																							
5	16QAM	12	13	20.55	20.60	20.68	22	2			5	16QAM	12	7	20.77	20.68	20.70	22	2										
5	16QAM	25	0	20.55	20.49	20.56																							
5	16QAM	1	0	20.71	20.57	20.52																							
5	16QAM	1	12	20.53	20.45	20.60																							
5	16QAM	1	24	20.56	20.49	20.72	21	3			5	16QAM	1	24	20.83	20.57	20.79	21	3										
5	16QAM	12	0	19.83	19.62	19.67																							
5	16QAM	12	7	19.57	19.65	19.71																							
5	16QAM	12	13	19.76	19.70	19.79																							
5	16QAM	25	0	19.59	19.60	19.61	19	5			5	16QAM	12	13	19.73	19.63	19.90	19	5										
5	16QAM	1	0	17.83	17.73	17.84																							
5	16QAM	1	12	17.77	17.76	17.69																							
5	16QAM	1	24	17.74	17.61	17.58																							
5	16QAM	12	0	17.73	17.80	17.82	19	5			5	16QAM	1	12	17.84	17.83	17.72	19	5										
5	16QAM	12	7	17.77	17.82	17.86																							
5	16QAM	12	13	17.77	17.77	17.83																							
5	16QAM	25	0	17.78	17.77	17.86																							
Channel											Channel																		
18097.5 1880 1907.5											130597.5 130522 130647																		
3	QPSK	1	0	22.57	22.78	22.83	24	0			3	QPSK	1	0	22.73	22.86	22.85	24	0										
3	QPSK	1	8	22.58	22.87	22.87																							
3	QPSK	1	16	22.66	22.94	22.84																							
3	QPSK	8	0	21.84	21.70	21.74																							
3	QPSK	8	4	21.68	21.69	21.83	23	1			3	QPSK	8	4	21.83	21.78	21.68	23	1										
3	QPSK	8	12	21.60	21.59	21.70																							
3	QPSK	16	0	21.66	21.75	21.68																							
3	16QAM	1	0	21.79	21.73	21.68																							
3	16QAM	1	8	21.69	21.55	21.70	23	1			3	16QAM	1	8	21.73	21.51	21.66	23	1										
3	16QAM	1	16	21.84	21.63	21.71																							
3	16QAM	8	0	20.50	20.67	20.67																							
3	16QAM	8	8	20.61	20.57	20.68																							
3	16QAM	8	16	20.53	20.57	20.72	22	2			3	16QAM	8	7	20.8														

Band 38 Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37650	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	22.96	23.16	23.13	24	0		
20	QPSK	1	49	22.96	22.94	22.89				
20	QPSK	1	99	22.85	22.86	22.86	23	1		
20	QPSK	50	0	21.96	22.15	21.98				
20	QPSK	50	24	21.95	21.97	21.88	23	1		
20	QPSK	50	50	21.90	21.77	22.13				
20	QPSK	100	0	21.97	22.10	22.00	23	1		
20	16QAM	1	0	21.95	21.80	22.07				
20	16QAM	1	49	21.81	21.99	22.04	22	2		
20	16QAM	1	99	22.02	22.00	21.79				
20	16QAM	50	0	20.80	20.86	20.86	22	2		
20	16QAM	50	24	20.92	20.57	20.82				
20	16QAM	50	50	20.90	20.69	20.81	22	2		
20	16QAM	100	0	20.64	20.90	20.61				
20	64QAM	1	0	20.66	20.77	20.71	22	2		
20	64QAM	1	49	20.61	20.78	20.78				
20	64QAM	1	99	20.72	20.74	20.93	21	3		
20	64QAM	50	0	19.82	19.85	19.91				
20	64QAM	50	24	19.95	19.81	19.76	21	3		
20	64QAM	50	50	19.82	19.68	19.95				
20	64QAM	100	0	19.75	19.81	19.72	19	5		
20	256QAM	1	0	17.89	17.87	17.66				
20	256QAM	1	49	17.90	17.91	17.86	19	5		
20	256QAM	1	99	17.71	17.76	17.79				
20	256QAM	50	0	17.83	17.96	17.74	19	5		
20	256QAM	50	24	17.99	17.96	17.90				
20	256QAM	50	50	17.76	17.83	17.69	20	2		
20	256QAM	100	0	17.83	18.00	18.00				
Channel				37625	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	22.70	22.80	22.52	24	0		
15	QPSK	1	37	22.43	22.60	22.21				
15	QPSK	1	74	22.48	22.27	22.55	23	1		
15	QPSK	36	0	21.37	21.53	21.52				
15	QPSK	36	20	21.49	21.44	21.46	23	1		
15	QPSK	36	39	21.25	21.40	21.54				
15	QPSK	75	0	21.36	21.46	21.38	23	1		
15	16QAM	1	0	21.46	21.30	21.47				
15	16QAM	1	37	21.19	21.54	21.39	23	1		
15	16QAM	1	74	21.47	21.32	21.29				
15	16QAM	36	0	20.29	20.33	20.31	22	2		
15	16QAM	36	20	20.34	20.61	20.32				
15	16QAM	36	39	20.33	20.20	20.37	22	2		
15	16QAM	75	0	20.25	20.30	20.15				
15	64QAM	1	0	20.10	20.30	20.17	22	2		
15	64QAM	1	37	20.05	20.08	20.37				
15	64QAM	1	74	20.40	20.36	20.44	21	3		
15	64QAM	36	0	19.41	19.44	19.34				
15	64QAM	36	20	19.23	19.30	19.30	21	3		
15	64QAM	36	39	19.32	19.26	19.42				
15	64QAM	75	0	19.24	19.34	19.15	19	5		
15	256QAM	1	0	17.46	17.24	17.27				
15	256QAM	1	37	17.25	17.38	17.46	19	5		
15	256QAM	1	74	17.19	17.41	17.24				
15	256QAM	36	0	17.23	17.37	17.23	19	5		
15	256QAM	36	20	17.46	17.42	17.50				
15	256QAM	36	39	17.29	17.41	17.33	19	5		
15	256QAM	75	0	17.31	17.38	17.44				
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	22.50	22.56	22.52	24	0		
10	QPSK	1	25	22.44	22.48	22.39				
10	QPSK	1	49	22.35	22.44	22.36	23	1		
10	QPSK	25	0	21.38	21.45	21.56				
10	QPSK	25	12	21.47	21.43	21.31	23	1		
10	QPSK	25	25	21.29	21.34	21.64				
10	QPSK	50	0	21.35	21.47	21.37	23	1		
10	16QAM	1	0	21.45	21.46	21.56				
10	16QAM	1	25	21.17	21.60	21.43	23	1		
10	16QAM	1	49	21.41	21.50	21.35				
10	16QAM	25	0	20.31	20.37	20.32	22	2		
10	16QAM	25	12	20.32	20.00	20.39				
10	16QAM	25	25	20.38	20.24	20.43	22	2		
10	16QAM	50	0	20.22	20.30	20.13				
10	64QAM	1	0	20.27	20.37	20.18	22	2		
10	64QAM	1	25	20.13	20.08	20.21				
10	64QAM	1	49	20.24	20.27	20.36	21	3		
10	64QAM	25	0	19.21	19.50	19.20				
10	64QAM	25	12	19.44	19.29	19.39	19	5		
10	64QAM	25	25	19.28	19.29	19.33				
10	64QAM	50	0	19.23	19.25	19.09	19	5		
10	256QAM	1	0	17.35	17.38	17.16				
10	256QAM	1	25	17.27	17.37	17.48	19	5		
10	256QAM	1	49	17.37	17.40	17.22				
10	256QAM	25	0	17.31	17.54	17.34	19	5		
10	256QAM	25	12	17.38	17.54	17.45				
10	256QAM	25	25	17.42	17.39	17.13	19	5		
10	256QAM	50	0	17.34	17.21	17.55				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2592.5	2595	2617.5				
5	QPSK	1	0	22.68	22.70	22.52	24	0		
5	QPSK	1	12	22.43	22.67	22.44				
5	QPSK	1	24	22.29	22.41	22.42	23	1		
5	QPSK	12	0	21.32	21.60	21.45				
5	QPSK	12	7	21.33	21.43	21.48	23	1		
5	QPSK	12	13	21.22	21.48	21.46				
5	QPSK	25	0	21.39	21.30	21.37	23	1		
5	16QAM	1	0	21.37	21.32	21.43				
5	16QAM	1	12	21.18	21.42	21.52	23	1		
5	16QAM	1	24	21.45	21.42	21.44				
5	16QAM	12	0	20.20	20.29	20.49	22	2		
5	16QAM	12	7	20.46	20.66	20.27				
5	16QAM	12	13	20.37	20.34	20.40	22	2		
5	16QAM	25	0	20.31	20.34	20.27				
5	64QAM	1	0	20.24	20.26	20.38	22	2		
5	64QAM	1	12	20.05	20.14	20.28				
5	64QAM	1	24	20.20	20.36	20.41	22	2		
5	64QAM	12	0	19.31	19.30	19.33				
5	64QAM	12	7	19.45	19.43	19.39	21	3		
5	64QAM	12	13	19.13	19.30	19.41				
5	64QAM	25	0	19.32	19.41	19.20	21	3		
5	64QAM	25	0	19.29	17.20	19.20				
5	256QAM	1	0	17.29	17.29	17.29	19	5		
5	256QAM	1	12	17.23	17.42	17.45				
5	256QAM	1	24	17.24	17.35	17.31	19	5		
5	256QAM	12	0	17.43	17.41	17.23				
5	256QAM	12	7	17.41	17.51	17.29	19	5		
5	256QAM	12	13	17.38	17.35	17.35				
5	256QAM	25	0	17.27	17.24	17.43				

Band 2 Ant 4										
BW (MHz)	Modulation	RIS Size	RIS Offset	Power Low Ch / Freq.	Power High Ch / Freq.	Power Hsp Ch / Freq.	Turn-up Time (sec)	MPR (dB)		
Channel										
Frequency (MHz)	Channel	1800	1800	1800	1800	1800				
20	QPSK	1	0	16.98	18.75	18.63				
20	QPSK	1	8	16.44	18.43	18.39	19.4	0		
20	QPSK	1	99	16.43	18.47	18.43				
20	QPSK	50	24	16.28	18.44	18.29	19.4	0		
20	QPSK	50	50	16.42	18.28	18.22				
20	QPSK	100	0	16.37	18.63	18.62				
20	QPSK	1	0	16.34	18.16	18.33				
20	QPSK	1	49	16.26	18.36	18.34	19.4	0		
20	QPSK	1	99	16.37	18.46	18.54				
20	QPSK	50	0	16.29	18.52	18.34				
20	QPSK	50	24	16.43	18.52	18.44	19.4	0		
20	QPSK	50	50	16.41	18.46	18.50				
20	QPSK	100	0	16.16	18.61	18.30				
20	QPSK	1	0	16.27	18.26	18.26				
20	QPSK	1	49	16.37	18.40	18.44	19.4	0		
20	QPSK	50	0	16.30	18.25	18.35				
20	QPSK	50	0	16.30	18.26	18.36				
20	QPSK	24	0	16.41	18.63	18.36	19.4	0		
20	QPSK	50	0	16.29	18.59	18.17				
20	QPSK	50	0	16.34	18.37	18.22				
20	256QAM	1	99	17.08	17.05	17.07				
20	256QAM	50	0	16.99	17.01	17.05				
20	256QAM	50	24	17.07	17.07	16.98	18	1.4		
20	256QAM	50	50	17.00	17.00	17.04				
20	256QAM	100	0	16.98	17.03	17.07				
Channel										
Frequency (MHz)	Channel	1800	1800	1800	1800	1800				
15	QPSK	1	0	16.95	18.63	18.49				
15	QPSK	1	37	16.95	18.40	18.29	19.4	0		
15	QPSK	1	74	16.42	18.39	18.31				
15	QPSK	36	0	16.35	18.43	18.41				
15	QPSK	36	0	16.32	18.39	18.18				
15	QPSK	36	99	16.30	18.11	18.22	19.4	0		
15	QPSK	75	0	16.30	18.52	18.56				
15	QPSK	1	18	16.26	18.18	18.17				
15	QPSK	1	37	16.20	18.22	18.23	19.4	0		
15	QPSK	1	74	16.20	18.22	18.23				
15	QPSK	36	0	16.30	18.37	18.18				
15	QPSK	36	20	16.43	18.23	18.37	19.4	0		
15	QPSK	36	99	16.30	18.26	18.36				
15	QPSK	75	0	16.11	18.26	18.30				
15	QPSK	1	0	16.23	18.16	18.16	19.4	0		
15	QPSK	1	37	16.23	18.16	18.16				
15	QPSK	1	74	16.23	18.16	18.16				
15	QPSK	36	0	16.24	18.15	17.96				
15	QPSK	36	0	16.24	18.19	18.34				
15	QPSK	36	99	16.10	18.25	18.10	19.4	0		
15	QPSK	75	0	16.31	18.57	18.15				
15	QPSK	1	18	16.20	18.17	17.90				
15	256QAM	1	37	16.99	17.09	16.92	18	1.4		
15	256QAM	1	74	16.98	16.90	16.86				
15	256QAM	36	0	16.98	16.97	16.98				
15	256QAM	36	20	16.98	16.97	16.97	18	1.4		
15	256QAM	36	99	16.87	17.08	17.01				
15	256QAM	75	0	16.97	17.08	16.98				
Channel										
Frequency (MHz)	Channel	1800	1800	1800	1800	1800				
10	QPSK	1	0	16.94	18.63	18.50				
10	QPSK	1	25	16.28	18.31	18.16	19.4	0		
10	QPSK	1	49	16.46	18.29	18.37				
10	QPSK	12	0	16.43	18.32	18.36				
10	QPSK	25	12	16.14	18.31	18.23				
10	QPSK	25	25	16.24	18.21	18.15				
10	QPSK	1	0	16.24	18.19	18.23				
10	QPSK	1	25	16.28	18.25	18.24	19.4	0		
10	QPSK	1	49	16.34	18.41	18.39				
10	QPSK	1	99	16.22	18.36	18.17				
10	QPSK	25	12	16.39	18.16	18.43	19.4	0		
10	QPSK	25	49	16.43	18.09	18.43				
10	QPSK	50	0	16.09	18.28	18.28				
10	QPSK	1	0	16.19	18.25	18.24				
10	QPSK	1	49	16.06	18.22	18.02				
10	QPSK	25	0	16.32	18.14	18.37				
10	QPSK	25	12	16.32	18.01	18.33				
10	QPSK	25	25	16.24	18.32	18.19	19.4	0		
10	QPSK	50	0	16.31	18.27	18.16				
10	256QAM	1	25	16.89	16.97	16.98	18	1.4		
10	256QAM	1	25	16.88	17.00	16.98				
10	256QAM	25	12	16.88	16.93	16.91	18	1.4		
10	256QAM	25	25	16.87	17.02	16.84				
10	256QAM	50	0	16.87	16.99	16.98				
Channel										
Frequency (MHz)	Channel	1800	1800	1800	1800	1800				
5	QPSK	1	0	16.93	18.63	18.50				
5	QPSK	1	12	16.17	18.40	18.26	19.4	0		
5	QPSK	1	24	16.46	18.28	18.34				
5	QPSK	12	0	16.43	18.32	18.36				
5	QPSK	12	7	16.16	18.31	18.22				
5	QPSK	12	13	16.26	18.16	18.14				
5	QPSK	1	0	16.15	18.35	18.47				
5	QPSK	1	0	16.20	18.10	18.19	19.4	0		
5	QPSK	1	12	16.26	18.26	18.32				
5	QPSK	1	12	16.33	18.16	18.46				
5	QPSK	1	12	16.30	18.36	18.17				
5	QPSK	12	7	16.35	18.10	18.35	19.4	0		
5	QPSK	1	12	16.45	18.41	18.39				
5	QPSK	25	0	16.01	18.25	18.23				
5	QPSK	1	0	16.27	18.25	18.17	19.4	0		
5	QPSK	1	36	16.38	18.39	18.36				
5	QPSK	1	24	16.08	18.09	18.07				
5	QPSK	12	0	16.25	18.16	18.27				
5	QPSK	12	0	16.30	18.52	18.28				
5	QPSK	12	13	16.20	18.37	18.20	19.4	0		
5	QPSK	25	0	16.31	18.39	18.24				
5	256QAM	1	0	16.96	16.97	16.95				
5	256QAM	1	12	16.17	17.11	16.97	18	1.4		
5	256QAM	1	24	16.92	16.97	16.96				
5	256QAM	12	0	16.96	16.99	16.93	18	1.4		
5	256QAM	12	13	16.94	17.09	16.94				
5	256QAM	25	0	16.89	16.96	16.83	18	1.4		
5	256QAM	25	0	16.89	17.15	16.88				
Channel										
Frequency (MHz)	Channel	1800	1800	1800	1800	1800				
3	QPSK	1	0	16.90	18.63	18.58				
3	QPSK	1	8	16.18	18.46	18.24	19.4	0		
3	QPSK	1	14	16.37	18.36	18.30				
3	QPSK	1	14	16.43	18.41	17.07				
3	QPSK	8	4	16.22	18.01	18.18	19.4	0		
3	QPSK	8	7	16.25	18.11	18.12				
3	QPSK	15	0	16.47	18.27	18.54				
3	QPSK	1	0	16.24	18.16	18.16				
3	QPSK	1	8	16.18	18.23	18.33	19.4	0		
3	QPSK	1	14	16.30	18.47	18.40				
3	QPSK	8	4	16.43	18.18	18.41	19.4	0		
3	QPSK	8	4	16.33	18.46	18.46				
3	QPSK	15	0	17.09	18.38	18.28				
3	QPSK	1	0	16.24	18.16	18.21	19.4	0		
3	QPSK	1	14	16.34	18.39	18.29				
3	QPSK	1	14	16.15	18.25	18.05				
3	QPSK	8	4	16.29	18.18	18.35				
3	QPSK	8	4	16.35	18.60	18.31	19.4	0		
3	QPSK	8	7	16.18	18.34	18.19				
3	256QAM	1	0	16.96	17.02	16.87				
3	256QAM	1	8	17.12	17.18	16.95	18	1.4		
3	256QAM	8	4	16.93	16.99	16.94				
3	256QAM	8	4	16.94	16.99	16.96				
3	256QAM	15	0	16.95	17.12	16.96	18	1.4		
Channel										
Frequency (MHz)	Channel	1800	1800	1800	1800	1800				
1.4	QPSK	1	0	16.91	18.66	18.51				
1.4	QPSK	1	3	16.31	18.29	18.21				
1.4	QPSK	1	3	16.36	18.24	18.16				
1.4	QPSK	3	3	16.37	18.42	18.33	19.4	0		
1.4	QPSK	3	1	16.22	18.61	18.23				
1.4	QPSK	3	1	16.35	18.15	18.32				
1.4	QPSK	6	0	16.55	18.94	18.49	19.4	0		
1.4	QPSK	1	0	16.24	18.11	18.17				
1.4	QPSK	1	20	16.20	18.26	18.28				
1.4	QPSK	1	5	16.35	18.41	18.36	19.4	0		
1.4	QPSK	3	0	16.26	18.36	18.20				
1.4	QPSK	3	0	16.44	18.12	18.39				
1.4	QPSK	3	1	16.31	18.47	18.38				
1.4	QPSK	6	0	16.17	18.26	18.29	19.4	0		
1.4	QPSK	3	0	16.28	18.17	18.13				

Band 25 Ant 4										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq. 26145	Power Middle Ch./Freq. 26640	Power High Ch./Freq. 26840	Time-up (sec)	MPE (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	18.68	18.76	18.71			19.4	0
20	QPSK	1	49	18.38	18.52	18.53				
20	QPSK	1	99	18.38	18.52	18.53				
20	QPSK	50	0	18.38	18.52	18.53				
20	QPSK	50	24	18.33	18.51	18.31			19.4	0
20	QPSK	50	74	18.33	18.51	18.31				
20	QPSK	50	124	18.33	18.51	18.31				
20	QPSK	50	174	18.33	18.51	18.31				
20	QPSK	100	0	18.63	18.72	18.69			19.4	0
20	QPSK	100	49	18.36	18.51	18.44				
20	QPSK	100	99	18.36	18.51	18.44				
20	QPSK	100	149	18.36	18.51	18.44				
20	QPSK	1	99	18.48	18.60	18.67			19.4	0
20	QPSK	1	149	18.48	18.60	18.67				
20	QPSK	50	24	18.38	18.49	18.48				
20	QPSK	50	74	18.38	18.49	18.48				
20	QPSK	50	124	18.38	18.49	18.48			19.4	0
20	QPSK	50	174	18.38	18.49	18.48				
20	QPSK	100	0	18.38	18.49	18.48				
20	QPSK	100	49	18.38	18.49	18.48				
20	QPSK	100	99	18.38	18.49	18.48			19.4	0
20	QPSK	100	149	18.38	18.49	18.48				
20	QPSK	100	199	18.38	18.49	18.48				
20	QPSK	100	249	18.38	18.49	18.48				
20	QPSK	100	299	18.38	18.49	18.48			19.4	0
20	QPSK	100	349	18.38	18.49	18.48				
20	QPSK	100	399	18.38	18.49	18.48				
20	QPSK	100	449	18.38	18.49	18.48				
20	QPSK	100	499	18.38	18.49	18.48			19.4	0
20	QPSK	100	549	18.38	18.49	18.48				
20	QPSK	100	599	18.38	18.49	18.48				
20	QPSK	100	649	18.38	18.49	18.48				
20	QPSK	100	699	18.38	18.49	18.48			19.4	0
20	QPSK	100	749	18.38	18.49	18.48				
20	QPSK	100	799	18.38	18.49	18.48				
20	QPSK	100	849	18.38	18.49	18.48				
20	QPSK	100	899	18.38	18.49	18.48			19.4	0
20	QPSK	100	949	18.38	18.49	18.48				
20	QPSK	100	999	18.38	18.49	18.48				
20	QPSK	100	1049	18.38	18.49	18.48				
20	QPSK	100	1099	18.38	18.49	18.48			19.4	0
20	QPSK	100	1149	18.38	18.49	18.48				
20	QPSK	100	1199	18.38	18.49	18.48				
20	QPSK	100	1249	18.38	18.49	18.48				
20	QPSK	100	1299	18.38	18.49	18.48			19.4	0
20	QPSK	100	1349	18.38	18.49	18.48				
20	QPSK	100	1399	18.38	18.49	18.48				
20	QPSK	100	1449	18.38	18.49	18.48				
20	QPSK	100	1499	18.38	18.49	18.48			19.4	0
20	QPSK	100	1549	18.38	18.49	18.48				
20	QPSK	100	1599	18.38	18.49	18.48				
20	QPSK	100	1649	18.38	18.49	18.48				
20	QPSK	100	1699	18.38	18.49	18.48			19.4	0
20	QPSK	100	1749	18.38	18.49	18.48				
20	QPSK	100	1799	18.38	18.49	18.48				
20	QPSK	100	1849	18.38	18.49	18.48				
20	QPSK	100	1899	18.38	18.49	18.48			19.4	0
20	QPSK	100	1949	18.38	18.49	18.48				
20	QPSK	100	1999	18.38	18.49	18.48				
20	QPSK	100	2049	18.38	18.49	18.48				
20	QPSK	100	2099	18.38	18.49	18.48			19.4	0
20	QPSK	100	2149	18.38	18.49	18.48				
20	QPSK	100	2199	18.38	18.49	18.48				
20	QPSK	100	2249	18.38	18.49	18.48				
20	QPSK	100	2299	18.38	18.49	18.48			19.4	0
20	QPSK	100	2349	18.38	18.49	18.48				
20	QPSK	100	2399	18.38	18.49	18.48				
20	QPSK	100	2449	18.38	18.49	18.48				
20	QPSK	100	2499	18.38	18.49	18.48			19.4	0
20	QPSK	100	2549	18.38	18.49	18.48				
20	QPSK	100	2599	18.38	18.49	18.48				
20	QPSK	100	2649	18.38	18.49	18.48				
20	QPSK	100	2699	18.38	18.49	18.48			19.4	0
20	QPSK	100	2749	18.38	18.49	18.48				
20	QPSK	100	2799	18.38	18.49	18.48				
20	QPSK	100	2849	18.38	18.49	18.48				
20	QPSK	100	2899	18.38	18.49	18.48			19.4	0
20	QPSK	100	2949	18.38	18.49	18.48				
20	QPSK	100	2999	18.38	18.49	18.48				
20	QPSK	100	3049	18.38	18.49	18.48				
20	QPSK	100	3099	18.38	18.49	18.48			19.4	0
20	QPSK	100	3149	18.38	18.49	18.48				
20	QPSK	100	3199	18.38	18.49	18.48				
20	QPSK	100	3249	18.38	18.49	18.48				
20	QPSK	100	3299	18.38	18.49	18.48			19.4	0
20	QPSK	100	3349	18.38	18.49	18.48				
20	QPSK	100	3399	18.38	18.49	18.48				
20	QPSK	100	3449	18.38	18.49	18.48				
20	QPSK	100	3499	18.38	18.49	18.48			19.4	0
20	QPSK	100	3549	18.38	18.49	18.48				
20	QPSK	100	3599	18.38	18.49	18.48				
20	QPSK	100	3649	18.38	18.49	18.48				
20	QPSK	100	3699	18.38	18.49	18.48			19.4	0
20	QPSK	100	3749	18.38	18.49	18.48				
20	QPSK	100	3799	18.38	18.49	18.48				
20	QPSK	100	3849	18.38	18.49	18.48				
20	QPSK	100	3899	18.38	18.49	18.48			19.4	0
20	QPSK	100	3949	18.38	18.49	18.48				
20	QPSK	100	3999	18.38	18.49	18.48				
20	QPSK	100	4049	18.38	18.49	18.48				
20	QPSK	100	4099	18.38	18.49	18.48			19.4	0
20	QPSK	100	4149	18.38	18.49	18.48				
20	QPSK	100	4199	18.38	18.49	18.48				
20	QPSK	100	4249	18.38	18.49	18.48				
20	QPSK	100	4299	18.38	18.49	18.48			19.4	0
20	QPSK	100	4349	18.38	18.49	18.48				
20	QPSK	100	4399	18.38	18.49	18.48				
20	QPSK	100	4449	18.38	18.49	18.48				
20	QPSK	100	4499	18.38	18.49	18.48			19.4	0
20	QPSK	100	4549	18.38	18.49	18.48				
20	QPSK	100	4599	18.38	18.49	18.48				
20	QPSK	100	4649	18.38	18.49	18.48				
20	QPSK	100	4699	18.38	18.49	18.48			19.4	0
20	QPSK	100	4749	18.38	18.49	18.48				
20	QPSK	100	4799	18.38	18.49	18.48				
20	QPSK	100	4849	18.38	18.49	18.48				
20	QPSK	100	4899	18.38	18.49	18.48			19.4	0
20	QPSK	100	4949	18.38	18.49	18.48				
20	QPSK	100	4999	18.38	18.49	18.48				
20	QPSK	100	5049	18.38	18.49	18.48				
20	QPSK	100	5099	18.38	18.49	18.48			19.4	0
20	QPSK	100	5149	18.38	18.49	18.48				
20	QPSK	100	5199	18.38	18.49	18.48				
20	QPSK	100	5249	18.38	18.49	18.48				
20	QPSK	100	5299	18.38	18.49	18.48			19.4	0
20	QPSK	100	5349	18.38	18.49	18.48				
20	QPSK	100	5399	18.38	18.49	18.48				
20	QPSK	100	5449	18.38	18.49	18.48				
20	QPSK	100	5499	18.38	18.49	18.48			19.4	0
20	QPSK	100	5549	18.38	18.49	18.48				
20	QPSK	100	5599	18.38	18.49	18.48				
20	QPSK	100	5649	18.38	18.49	18.48				
20	QPSK	100	5699	18.38	18.49	18.48			19.4	0
20	QPSK	100	5749	18.38	18.49	18.48				
20	QPSK	100	5799	18.38	18.49	18.48				
20	QPSK	100	5849	18.38	18.49	18.48				
20	QPSK	100	5899	18.38	18.49	18.48			19.4	0
20	QPSK	100	5949	18.38	18.49	18.48				
20	QPSK	100	5999	18.38	18.49	18.48				
20	QPSK	100	6049	18.38	18.49	18.48				
20	QPSK	100	6099	18.38	18.49	18.48			19.4	0
20	QPSK	100	6149	18.38	18.49	18.48				
20	QPSK	100	6199	18.38	18.49	18.48				
20	QPSK	100	6249	18.38	18.49	18.48				
20	QPSK	100	6299	18.38	18.49	18.48			19.4	0
20	QPSK	100	6349	18.38	18.49	18.48				
20	QPSK	100	6399	18.38	18.49	18.48				
20	QPSK	100	6449	18.38	18.49	18.48				
20	QPSK	100	6499	18.38	18.49	18.48			19.4	0
20	QPSK	100	6549	18.38	18.49	18.48				
20	QPSK	100	6599	18.38	18.49	18.48				
20	QPSK	100	6649	18.38	18.49	18.48				
20	QPSK	100	6699	18.38	18.49	18.48			19.4	0
20	QPSK	100	6749	18.38	18.49	18.48				
20	QPSK	100	6799	18.38	18.49	18.48				
20	Q									

Band 38 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37650	38000	38150	19.5	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	18.48	18.53	18.51	19.5	0	
20	QPSK	1	49	18.36	18.44	18.40			
20	QPSK	1	99	18.45	18.46	18.47			
20	QPSK	50	0	18.48	18.50	18.42	19.5	0	
20	QPSK	50	24	18.37	18.43	18.46			
20	QPSK	50	50	18.45	18.45	18.41			
20	QPSK	100	0	18.41	18.49	18.45	19.5	0	
20	16QAM	1	0	18.46	18.42	18.40			
20	16QAM	1	49	18.41	18.47	18.38			
20	16QAM	1	99	18.43	18.49	18.44	19.5	0	
20	16QAM	50	0	18.39	18.44	18.40			
20	16QAM	50	24	18.42	18.50	18.44			
20	16QAM	50	50	18.44	18.49	18.46	19.5	0	
20	16QAM	100	0	18.36	18.43	18.44			
20	64QAM	1	0	18.41	18.46	18.43	19.5	0	
20	64QAM	1	49	18.38	18.38	18.48			
20	64QAM	1	99	18.49	18.43	18.40			
20	64QAM	50	0	18.43	18.52	18.43	19.5	0	
20	64QAM	50	24	18.43	18.49	18.38			
20	64QAM	50	50	18.39	18.45	18.43			
20	64QAM	100	0	18.46	18.46	18.45	19.5	0	
20	256QAM	1	0	17.49	17.61	17.45			
20	256QAM	1	49	17.58	17.72	17.37			
20	256QAM	1	99	17.50	17.66	17.57	19	0.5	
20	256QAM	50	0	17.36	17.58	17.49			
20	256QAM	50	24	17.40	17.60	17.49			
20	256QAM	50	50	17.55	17.78	17.43	19	0.5	
20	256QAM	100	0	17.51	17.72	17.51			
Channel				37625	38000	38175	19.5	0	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	18.40	18.50	18.36	19.5	0	
15	QPSK	1	37	18.42	18.46	18.38			
15	QPSK	1	74	18.45	18.47	18.46			
15	QPSK	36	0	18.36	18.48	18.49	19.5	0	
15	QPSK	36	20	18.45	18.41	18.47			
15	QPSK	36	39	18.47	18.39	18.38			
15	QPSK	75	0	18.42	18.41	18.37	19.5	0	
15	16QAM	1	0	18.41	18.39	18.42			
15	16QAM	1	37	18.36	18.46	18.38			
15	16QAM	1	74	18.49	18.49	18.47	19.5	0	
15	16QAM	36	0	18.41	18.47	18.48			
15	16QAM	36	20	18.42	18.45	18.38			
15	16QAM	36	39	18.41	18.43	18.39	19.5	0	
15	16QAM	75	0	18.37	18.45	18.43			
15	64QAM	1	37	18.49	18.43	18.44			
15	64QAM	1	74	18.36	18.39	18.38	19.5	0	
15	64QAM	36	0	18.48	18.50	18.50			
15	64QAM	36	20	18.41	18.51	18.41			
15	64QAM	36	39	18.41	18.52	18.42	19.5	0	
15	64QAM	75	0	18.38	18.43	18.44			
15	256QAM	1	0	17.34	17.50	17.32			
15	256QAM	1	37	17.49	17.61	17.36	19	0.5	
15	256QAM	1	74	17.42	17.56	17.40			
15	256QAM	36	0	17.44	17.54	17.45			
15	256QAM	36	20	17.31	17.45	17.49	19	0.5	
15	256QAM	36	39	17.49	17.79	17.43			
15	256QAM	75	0	17.46	17.72	17.36			
Channel				37600	38000	38200	19.5	0	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	18.37	18.48	18.42	19.5	0	
10	QPSK	1	25	18.43	18.40	18.44			
10	QPSK	1	49	18.38	18.40	18.40			
10	QPSK	25	0	18.37	18.39	18.42	19.5	0	
10	QPSK	25	12	18.44	18.50	18.47			
10	QPSK	25	25	18.48	18.51	18.42			
10	QPSK	50	0	18.47	18.51	18.41	19.5	0	
10	16QAM	1	0	18.36	18.46	18.38			
10	16QAM	1	25	18.44	18.45	18.42			
10	16QAM	1	49	18.38	18.48	18.43	19.5	0	
10	16QAM	25	0	18.46	18.50	18.42			
10	16QAM	25	12	18.37	18.49	18.43			
10	16QAM	25	25	18.43	18.39	18.46	19.5	0	
10	16QAM	50	0	18.45	18.48	18.44			
10	64QAM	1	0	18.46	18.46	18.38			
10	64QAM	1	25	18.36	18.50	18.36	19.5	0	
10	64QAM	1	49	18.36	18.44	18.46			
10	64QAM	25	0	18.46	18.50	18.45			
10	64QAM	25	12	18.44	18.47	18.43	19.5	0	
10	64QAM	25	25	18.47	18.42	18.46			
10	64QAM	50	0	18.37	18.50	18.44			
10	256QAM	1	0	17.39	17.42	17.26	19	0.5	
10	256QAM	1	25	17.43	17.71	17.30			
10	256QAM	1	49	17.48	17.52	17.47			
10	256QAM	25	0	17.38	17.60	17.37	19	0.5	
10	256QAM	25	12	17.21	17.57	17.38			
10	256QAM	25	25	17.52	17.68	17.34			
10	256QAM	50	0	17.48	17.70	17.35	19	0.5	
Channel				37725	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5	19.5	0	
5	QPSK	1	0	18.35	18.46	18.43			
5	QPSK	1	12	18.38	18.43	18.50	19.5	0	
5	QPSK	1	24	18.48	18.41	18.40			
5	QPSK	12	0	18.39	18.39	18.41			
5	QPSK	12	7	18.49	18.48	18.36	19.5	0	
5	QPSK	12	13	18.42	18.40	18.41			
5	QPSK	25	0	18.48	18.45	18.39			
5	16QAM	1	0	18.47	18.47	18.49	19.5	0	
5	16QAM	1	12	18.43	18.44	18.38			
5	16QAM	1	24	18.46	18.49	18.37			
5	16QAM	12	0	18.48	18.44	18.47	19.5	0	
5	16QAM	12	7	18.39	18.46	18.47			
5	16QAM	12	13	18.45	18.51	18.44			
5	16QAM	25	0	18.39	18.49	18.45	19.5	0	
5	64QAM	1	0	18.46	18.44	18.38			
5	64QAM	1	12	18.47	18.51	18.41			
5	64QAM	1	24	18.37	18.43	18.39	19.5	0	
5	64QAM	12	0	18.40	18.39	18.37			
5	64QAM	12	7	18.35	18.44	18.38			
5	64QAM	12	13	18.47	18.44	18.49	19.5	0	
5	64QAM	25	0	18.45	18.46	18.41			
5	256QAM	1	0	17.27	17.59	17.47			
5	256QAM	1	12	17.52	17.62	17.28	19	0.5	
5	256QAM	1	24	17.38	17.45	17.57			
5	256QAM	12	0	17.35	17.42	17.50			
5	256QAM	12	7	17.27	17.57	17.40	19	0.5	
5	256QAM	12	13	17.35	17.67	17.30			
5	256QAM	25	0	17.38	17.57	17.47			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41515		
Frequency (MHz)				2506	25495	25930	26365	26800		
20	QPSK	1	0	18.51	18.47	18.56	18.49	18.44		
20	QPSK	1	49	18.39	18.37	18.42	18.38	18.39	19.5	0
20	QPSK	1	99	18.43	18.47	18.40	18.41	18.49		
20	QPSK	50	0	18.46	18.45	18.51	18.45	18.48		
20	QPSK	50	24	18.46	18.43	18.42	18.44	18.37	19.5	0
20	QPSK	50	50	18.38	18.41	18.45	18.37	18.44		
20	QPSK	100	0	18.45	18.39	18.49	18.42	18.45		
20	16QAM	1	0	18.42	18.44	18.48	18.41	18.41		
20	16QAM	1	49	18.42	18.37	18.39	18.39	18.38	19.5	0
20	16QAM	1	99	18.47	18.48	18.40	18.41	18.49		
20	16QAM	50	0	18.41	18.42	18.45	18.40	18.42		
20	16QAM	50	24	18.43	18.43	18.43	18.41	18.45	19.5	0
20	16QAM	50	50	18.48	18.47	18.50	18.45	18.42		
20	16QAM	100	0	18.44	18.42	18.46	18.44	18.50		
20	64QAM	1	0	18.47	18.45	18.50	18.38	18.39		
20	64QAM	1	49	18.41	18.36	18.52	18.37	18.38	19.5	0
20	64QAM	1	99	18.42	18.42	18.46	18.38	18.42		
20	64QAM	50	0	18.37	18.42	18.44	18.45	18.46		
20	64QAM	50	24	18.50	18.43	18.45	18.37	18.38		
20	64QAM	50	50	18.43	18.43	18.40	18.44	18.39	19.5	0
20	64QAM	100	0	18.41	18.45	18.41	18.42	18.44		
20	256QAM	1	0	17.50	17.44	17.51	17.54	17.41		
20	256QAM	1	49	17.47	17.44	17.59	17.54	17.52	19	0.5
20	256QAM	1	99	17.49	17.42	17.56	17.54	17.47		
20	256QAM	50	0	17.48	17.38	17.58	17.56	17.47		
20	256QAM	50	24	17.46	17.23	17.66	17.58	17.44	19	0.5
20	256QAM	50	50	17.57	17.36	17.50	17.47	17.44		
20	256QAM	100	0	17.57	17.36	17.66	17.43	17.41		
Channel				39725 <th>40173<th>40620<th>41068<th>41515<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th></th></th>	40173 <th>40620<th>41068<th>41515<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th></th>	40620 <th>41068<th>41515<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th>	41068 <th>41515<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th>	41515 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5 <th>2548.3<th>2593.0<th>2637.8<th>2682.5<th></th><th></th></th></th></th></th>	2548.3 <th>2593.0<th>2637.8<th>2682.5<th></th><th></th></th></th></th>	2593.0 <th>2637.8<th>2682.5<th></th><th></th></th></th>	2637.8 <th>2682.5<th></th><th></th></th>	2682.5 <th></th> <th></th>		
15	QPSK	1	0	18.45	18.40	18.50	18.43	18.46		
15	QPSK	1	37	18.46	18.40	18.41	18.44	18.48	20	0
15	QPSK	1	74	18.45	18.42	18.47	18.38	18.43		
15	QPSK	36	0	18.40	18.48	18.51	18.49	18.38		
15	QPSK	36	20	18.37	18.39	18.43	18.39	18.41	19.5	0
15	QPSK	36	39	18.45	18.43	18.44	18.42	18.41		
15	QPSK	75	0	18.49	18.47	18.40	18.38	18.46		
15	16QAM	1	0	18.50	18.49	18.39	18.47	18.44		
15	16QAM	1	37	18.47	18.40	18.52	18.48	18.47	19.5	0
15	16QAM	1	74	18.45	18.46	18.48	18.44	18.45		
15	16QAM	36	0	18.44	18.39	18.49	18.45	18.49		
15	16QAM	36	20	18.46	18.46	18.49	18.41	18.48	19.5	0
15	16QAM	36	39	18.48	18.36	18.48	18.41	18.48		
15	16QAM	75	0	18.40	18.41	18.47	18.47	18.30		
15	64QAM	1	0	18.48	18.48	18.48	18.42	18.42		
15	64QAM	1	37	18.36	18.38	18.49	18.43	18.48	19.5	0
15	64QAM	1	74	18.49	18.42	18.48	18.44	18.38		
15	64QAM	36	0	18.45	18.42	18.47	18.42	18.40		
15	64QAM	36	20	18.37	18.48	18.48	18.41	18.43	19.5	0
15	64QAM	36	39	18.42	18.40	18.49	18.49	18.43		
15	64QAM	75	0	18.43	18.46	18.44	18.50	18.42		
15	256QAM	1	0	17.33	17.37	17.41	17.43	17.36		
15	256QAM	1	37	17.27	17.44	17.42	17.36	17.47	19	0.5
15	256QAM	1	74	17.50	17.41	17.39	17.57	17.45		
15	256QAM	36	0	17.45	17.37	17.39	17.57	17.35		
15	256QAM	36	20	17.34	17.10	17.45	17.53	17.40	19	0.5
15	256QAM	36	39	17.40	17.23	17.29	17.31	17.35		
15	256QAM	75	0	17.58	17.23	17.44	17.30	17.27		
Channel				39700 <th>40160<th>40620<th>41080<th>41540<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th></th></th>	40160 <th>40620<th>41080<th>41540<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th></th>	40620 <th>41080<th>41540<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th>	41080 <th>41540<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th>	41540 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501 <th>2547<th>2593<th>2639<th>2685<th></th><th></th></th></th></th></th>	2547 <th>2593<th>2639<th>2685<th></th><th></th></th></th></th>	2593 <th>2639<th>2685<th></th><th></th></th></th>	2639 <th>2685<th></th><th></th></th>	2685 <th></th> <th></th>		
10	QPSK	1	0	18.45	18.38	18.38	18.41	18.36	20	0
10	QPSK	1	25	18.42	18.39	18.43	18.47	18.48		
10	QPSK	1	49	18.42	18.38	18.39	18.36	18.49		
10	QPSK	25	0	18.46	18.45	18.41	18.45	18.39		
10	QPSK	25	12	18.46	18.42	18.47	18.45	18.42	19.5	0
10	QPSK	25	25	18.40	18.43	18.40	18.48	18.44		
10	QPSK	50	0	18.39	18.37	18.49	18.45	18.43		
10	16QAM	1	0	18.45	18.41	18.48	18.43	18.40		
10	16QAM	1	25	18.40	18.48	18.40	18.42	18.38	19.5	0
10	16QAM	1	49	18.43	18.46	18.41	18.38	18.37		
10	16QAM	25	0	18.46	18.40	18.51	18.41	18.48		
10	16QAM	25	12	18.38	18.40	18.39	18.47	18.48	19.5	0
10	16QAM	25	25	18.45	18.40	18.49	18.40	18.49		
10	16QAM	50	0	18.49	18.46	18.45	18.47	18.43		
10	64QAM	1	0	18.46	18.45	18.48	18.36	18.45		
10	64QAM	1	25	18.47	18.48	18.42	18.47	18.41	19.5	0
10	64QAM	1	49	18.49	18.38	18.46	18.46	18.44		
10	64QAM	12	0	18.36	18.37	18.45	18.39	18.47		
10	64QAM	25	12	18.39	18.38	18.41	18.39	18.45	19.5	0
10	64QAM	25	25	18.38	18.42	18.45	18.45	18.43		
10	64QAM	50	0	18.49	18.48	18.40	18.41	18.43		
10	256QAM	1	0	17.31	17.40	17.38	17.44	17.47		
10	256QAM	1	25	17.33	17.30	17.46	17.51	17.43	19	0.5
10	256QAM	1	49	17.32	17.38	17.39	17.53	17.34		
10	256QAM	25	0	17.30	17.37	17.56	17.40	17.38		
10	256QAM	25	12	17.32	17.08	17.54	17.51	17.40	19	0.5
10	256QAM	25	25	17.35	17.21	17.51	17.28	17.40		
10	256QAM	50	0	17.55	17.19	17.57	17.32	17.38		
Channel				2498.5	2545.8	2593.0	2640.30	2687.5	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				18.49 <th>18.37<th>18.48<th>18.46<th>18.38<th></th><th></th></th></th></th></th>	18.37 <th>18.48<th>18.46<th>18.38<th></th><th></th></th></th></th>	18.48 <th>18.46<th>18.38<th></th><th></th></th></th>	18.46 <th>18.38<th></th><th></th></th>	18.38 <th></th> <th></th>		
5	QPSK	1	0	18.41	18.41	18.51	18.38	18.39	20	0
5	QPSK	1	12	18.37	18.41	18.43	18.49	18.45		
5	QPSK	12	0	18.48	18.39	18.46	18.49	18.37		
5	QPSK	12	12	18.46	18.37	18.52	18.43	18.44	19.5	0
5	QPSK	12	7	18.46	18.38	18.44	18.46	18.39		
5	QPSK	25	0	18.45	18.45	18.50	18.43	18.49		
5	16QAM	1	0	18.36	18.40	18.38	18.45	18.43		
5	16QAM	1	12	18.38	18.40	18.46	18.38	18.42	19.5	0
5	16QAM	1	24	18.45	18.40	18.38	18.49	18.38		
5	16QAM	12	0	18.49	18.43	18.39	18.36	18.39		
5	16QAM	12	7	18.47	18.37	18.46	18.46	18.39	19.5	0
5	16QAM	12	13	18.37	18.44	18.41	18.48	18.46		
5	16QAM	25	0	18.46	18.44	18.50	18.48	18.40		
5	64QAM	1	0	18.37	18.42	18.50	18.49	18.39	19.5	0
5	64QAM	1	12	18.40	18.42	18.48	18.49	18.37		
5	64QAM	1	24	18.46	18.38	18.44	18.41	18.39		
5	64QAM	12	0	18.50	18.47	18.48	18.38	18.38		
5	64QAM	12	7	18.50	18.41	18.47	18.45	18.37	19.5	0
5	64QAM	12	13	18.47	18.39	18.49	18.39	18.47		
5	64QAM	25	0	18.44	18.38	18.48	18.47	18.39		
5	256QAM	1	0	17.28	17.44	17.34	17.56	17.38		
5	256QAM	1	12	17.35	17.38	17.48	17.41	17.50	19	0.5
5	256QAM	1	24	17.48	17.36	17.56	17.37	17.33		
5	256QAM	12	0	17.31	17.18	17.39	17.42	17.34		
5	256QAM	12	7	17.44	17.28	17.48	17.41	17.37	19	0.5
5	256QAM	12	13	17.39	17.29	17.39	17.36	17.45		
5	256QAM	25	0	17.37	17.26	17.88	17.38	17.31		

Band 42 FCC Part27Q 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				42190	42590	42990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	17.31	17.37	17.28	18.6	0	
20	QPSK	1	49	17.33	17.34	17.06			
20	QPSK	1	99	17.18	17.17	17.24			
20	QPSK	50	0	17.28	17.32	17.29	18.6	0	
20	QPSK	50	24	17.09	17.31	17.16			
20	QPSK	50	50	17.26	17.19	17.08			
20	QPSK	100	0	17.21	17.24	17.19	18.6	0	
20	16QAM	1	0	17.23	17.32	17.16			
20	16QAM	1	49	17.19	17.33	17.05			
20	16QAM	1	99	17.29	17.34	17.15	18.6	0	
20	16QAM	50	0	17.31	17.33	17.17			
20	16QAM	50	24	17.26	17.32	17.07			
20	16QAM	50	50	17.30	17.24	17.09	18.6	0	
20	16QAM	100	0	17.20	17.31	17.20			
20	64QAM	1	0	17.15	17.17	17.01			
20	64QAM	1	49	17.19	17.28	17.18	18.6	0	
20	64QAM	1	99	17.28	17.21	17.13			
20	64QAM	50	0	17.16	17.26	17.11			
20	64QAM	50	24	17.30	17.23	17.10	18.6	0	
20	64QAM	50	50	17.29	17.36	17.25			
20	64QAM	100	0	17.23	17.20	17.04			
20	256QAM	1	0	17.17	17.20	17.05	18.6	0	
20	256QAM	1	49	17.26	17.22	17.19			
20	256QAM	1	99	17.12	17.29	17.03			
20	256QAM	50	0	17.24	17.19	17.24	18.6	0	
20	256QAM	50	24	17.16	17.22	17.18			
20	256QAM	50	50	17.15	17.20	17.03			
20	256QAM	100	0	17.17	17.24	17.13	Tune-up limit (dBm)	MPR (dB)	
Channel				42165	42590	43015			
Frequency (MHz)				3457.5	3500	3542.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	17.15	17.23	17.07			
15	QPSK	1	37	17.26	17.24	16.95	18.6	0	
15	QPSK	1	74	17.14	17.14	17.19			
15	QPSK	36	0	16.94	17.19	16.94			
15	QPSK	36	20	17.07	17.34	17.14	18.6	0	
15	QPSK	36	39	17.06	17.08	16.99			
15	QPSK	75	0	17.11	17.05	17.19			
15	16QAM	1	0	17.24	17.10	17.14	18.6	0	
15	16QAM	1	37	17.13	17.16	16.93			
15	16QAM	1	74	17.19	17.29	17.00			
15	16QAM	36	0	17.14	17.24	17.11	18.6	0	
15	16QAM	36	20	17.10	17.18	17.05			
15	16QAM	36	39	17.09	17.15	17.03			
15	16QAM	75	0	17.16	17.32	17.07	18.6	0	
15	64QAM	1	0	17.14	17.11	17.00			
15	64QAM	1	37	17.12	17.06	17.15			
15	64QAM	1	74	17.20	17.09	16.98	18.6	0	
15	64QAM	36	0	17.16	17.28	17.12			
15	64QAM	36	20	17.13	17.18	17.09			
15	64QAM	36	39	17.27	17.31	17.12	18.6	0	
15	64QAM	75	0	17.05	17.07	16.84			
15	256QAM	1	0	17.06	17.15	16.85			
15	256QAM	1	37	17.05	17.13	17.01	18.6	0	
15	256QAM	1	74	17.03	17.11	16.90			
15	256QAM	36	0	17.09	17.06	17.08			
15	256QAM	36	20	17.00	17.16	17.06	18.6	0	
15	256QAM	36	39	17.13	17.26	16.99			
15	256QAM	75	0	16.97	17.15	16.97			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	17.20	17.29	17.07	18.6	0	
10	QPSK	1	25	17.19	17.23	17.08			
10	QPSK	1	49	17.02	17.04	17.16			
10	QPSK	25	0	17.04	17.05	16.95	18.6	0	
10	QPSK	25	12	17.05	17.30	17.02			
10	QPSK	25	25	17.25	17.15	16.98			
10	QPSK	50	0	16.98	17.07	17.04	18.6	0	
10	16QAM	1	0	17.08	17.13	17.07			
10	16QAM	1	25	16.98	17.28	16.97			
10	16QAM	1	49	17.17	17.13	17.09	18.6	0	
10	16QAM	25	0	17.33	17.24	17.02			
10	16QAM	25	12	17.19	17.20	17.05			
10	16QAM	25	25	17.17	17.08	16.95	18.6	0	
10	16QAM	50	0	16.99	17.30	17.11			
10	64QAM	1	0	17.09	17.01	16.87			
10	64QAM	1	25	17.06	17.26	17.09	18.6	0	
10	64QAM	1	49	17.28	17.09	16.99			
10	64QAM	25	0	16.99	17.20	17.02			
10	64QAM	25	12	17.20	17.16	16.98	18.6	0	
10	64QAM	25	25	17.15	17.30	17.20			
10	64QAM	50	0	17.13	17.00	16.98			
10	256QAM	1	0	17.15	17.05	16.84	18.6	0	
10	256QAM	1	25	17.15	17.13	17.13			
10	256QAM	1	49	17.04	17.31	17.03			
10	256QAM	25	0	17.24	17.09	17.18	18.6	0	
10	256QAM	25	12	17.17	17.10	17.08			
10	256QAM	25	25	16.95	17.34	16.90			
10	256QAM	50	0	16.99	17.18	17.10	Tune-up limit (dBm)	MPR (dB)	
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	17.19	17.30	17.14			
5	QPSK	1	12	17.22	17.24	17.04	18.6	0	
5	QPSK	1	24	17.20	16.96	17.22			
5	QPSK	12	0	16.97	17.14	16.98			
5	QPSK	12	7	17.02	17.18	17.12	18.6	0	
5	QPSK	12	13	17.12	17.06	16.93			
5	QPSK	25	0	17.12	17.03	17.20			
5	16QAM	1	0	17.03	17.14	17.14	18.6	0	
5	16QAM	1	12	16.98	17.19	17.01			
5	16QAM	1	24	17.12	17.21	17.17			
5	16QAM	12	0	17.23	17.22	16.98	18.6	0	
5	16QAM	12	7	17.07	17.13	17.06			
5	16QAM	12	13	17.09	17.25	16.91			
5	16QAM	25	0	17.10	17.21	17.01	18.6	0	
5	64QAM	1	0	16.96	16.96	16.81			
5	64QAM	1	12	17.07	17.09	17.20			
5	64QAM	1	24	17.24	17.15	17.10	18.6	0	
5	64QAM	12	0	16.96	17.11	17.08			
5	64QAM	12	7	17.27	17.05	17.02			
5	64QAM	12	13	17.11	17.23	17.13	18.6	0	
5	64QAM	25	0	17.24	17.02	16.87			
5	256QAM	1	0	17.12	17.19	16.90			
5	256QAM	1	12	17.27	17.10	17.21	18.6	0	
5	256QAM	1	24	16.96	17.30	16.90			
5	256QAM	12	0	17.07	17.14	17.17			
5	256QAM	12	7	17.09	17.06	17.11	18.6	0	
5	256QAM	12	13	17.13	17.16	16.90			
5	256QAM	25	0	16.97	17.11	17.03			

Reduced Power Mode for DS13

GSM850 Ant 0		Crest Average Power (dbm)			Tune-up Limit (dbm)	Frame-Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		128	188	251		128	188	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.75	32.84	32.78	33.50	23.75	23.84	23.78	24.50
GPRS 1 Tx slot		32.72	32.81	32.76	33.50	23.72	23.81	23.76	24.50
GPRS 2 Tx slots		29.53	29.31	29.55	30.50	23.53	23.31	23.55	24.50
GPRS 3 Tx slots		27.72	27.53	27.50	28.50	23.48	23.27	23.24	24.24
GPRS 4 Tx slots		26.41	26.38	26.30	27.50	23.41	23.38	23.30	24.50
EDGE 1 Tx slot		26.76	26.71	26.73	27.50	17.76	17.71	17.73	18.50
EDGE 2 Tx slots		25.39	25.32	25.35	26.50	19.39	19.32	19.35	20.50
EDGE 3 Tx slots		23.86	23.66	23.70	24.50	19.80	19.40	19.44	20.24
EDGE 4 Tx slots		21.64	21.65	21.54	22.50	18.64	18.65	18.54	19.50

Band		WCDMA V Ant 0			Tune-up Limit (dbm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		824.2	836.4	848.6	
3GPP Rel 99	AMR 12.2Kbps	22.89	22.96	22.78	24.00
3GPP Rel 99	RM 12.2Kbps	22.95	23.03	22.96	24.00
3GPP Rel 6	HSDPA Subtest-1	22.05	22.00	21.50	23.00
3GPP Rel 6	HSDPA Subtest-2	22.01	21.98	21.59	23.00
3GPP Rel 6	HSDPA Subtest-3	21.53	21.58	21.52	22.50
3GPP Rel 6	HSDPA Subtest-4	21.47	21.48	21.52	22.50
3GPP Rel 6	HSDPA Subtest-5	22.02	21.95	22.03	23.00
3GPP Rel 6	DCHSDPA Subtest-2	22.94	22.04	21.92	23.00
3GPP Rel 8	DCHSDPA Subtest-3	21.50	21.48	21.37	22.50
3GPP Rel 8	DCHSDPA Subtest-4	21.37	21.62	21.49	22.50
3GPP Rel 6	HSPA Subtest-1	21.53	22.02	22.03	23.00
3GPP Rel 6	HSPA Subtest-2	20.05	19.97	19.96	21.00
3GPP Rel 6	HSPA Subtest-3	21.05	20.94	20.85	22.00
3GPP Rel 6	HSPA Subtest-4	19.84	20.12	20.03	21.00
3GPP Rel 6	HSPA Subtest-5	21.85	22.14	21.86	23.00

Band 5 Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)				820	836.5	844				
10	QPSK	1	0	22.83	22.94	22.93	24	0		
10	QPSK	1	25	22.65	22.90	22.89				
10	QPSK	1	49	22.79	22.92	22.88				
10	QPSK	25	0	21.88	22.07	22.00				
10	QPSK	25	12	22.03	21.85	21.97	23	1		
10	QPSK	25	25	22.06	21.97	21.86				
10	QPSK	50	0	21.94	22.03	21.89				
10	16QAM	1	0	21.95	22.04	22.01				
10	16QAM	1	25	21.92	21.86	21.99	23	1		
10	16QAM	1	49	22.05	21.95	22.00				
10	16QAM	25	0	21.02	21.02	20.87				
10	16QAM	25	12	21.00	20.86	21.05				
10	16QAM	25	25	21.03	20.86	20.86	22	2		
10	16QAM	50	0	20.95	20.84	21.01				
10	64QAM	1	0	20.95	20.95	20.87				
10	64QAM	1	25	20.95	20.88	20.93				
10	64QAM	1	49	21.08	20.90	20.88	22	2		
10	64QAM	25	0	19.93	19.90	19.84				
10	64QAM	25	12	19.87	19.94	20.03				
10	64QAM	25	25	19.94	19.94	19.92				
10	256QAM	1	0	18.07	18.02	17.98	21	3		
10	256QAM	1	25	18.09	18.03	18.05				
10	256QAM	1	49	18.03	18.03	18.08				
10	256QAM	25	0	17.89	17.97	17.99				
10	256QAM	25	12	18.11	17.91	18.05	19	5		
10	256QAM	25	25	17.92	17.93	17.96				
10	256QAM	50	0	18.03	18.01	17.97				
Channel										
Frequency (MHz)				20425	20505	20505	Turn-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	22.66	22.85	22.76	24	0		
5	QPSK	1	12	22.52	22.90	22.72				
5	QPSK	1	24	22.65	22.84	22.83				
5	QPSK	12	0	21.90	22.02	21.99				
5	QPSK	12	7	22.00	21.93	21.87	23	1		
5	QPSK	12	13	22.04	21.90	21.82				
5	QPSK	25	0	21.90	21.88	21.76				
5	16QAM	1	0	21.96	21.86	21.81				
5	16QAM	1	12	21.81	21.78	21.93	23	1		
5	16QAM	1	24	21.86	21.76	21.99				
5	16QAM	12	0	20.95	20.89	20.87				
5	16QAM	12	7	21.02	20.80	20.87				
5	16QAM	25	0	20.73	20.85	20.90	22	2		
5	16QAM	25	12	20.84	20.92	20.75				
5	16QAM	25	25	20.79	20.72	20.92				
5	64QAM	1	0	20.84	20.92	20.86				
5	64QAM	1	12	20.79	20.72	20.92	22	2		
5	64QAM	1	24	20.84	20.76	20.81				
5	64QAM	12	0	19.88	19.74	19.84				
5	64QAM	12	7	19.82	19.71	19.83				
5	64QAM	12	13	19.94	19.94	19.77	21	3		
5	64QAM	25	0	19.84	19.71	19.71				
5	256QAM	1	0	17.91	18.04	17.81				
5	256QAM	1	12	17.90	17.95	17.89				
5	256QAM	1	24	17.91	17.96	18.04	19	5		
5	256QAM	12	0	17.85	17.82	17.84				
5	256QAM	12	7	18.00	17.74	18.06				
5	256QAM	12	13	17.74	17.86	17.75				
5	256QAM	25	0	18.00	18.03	17.81	19	5		
5	256QAM	25	12	17.84	17.75	17.85				
5	256QAM	25	25	17.84	17.75	17.85				
5	256QAM	50	0	18.00	17.95	17.85				
Channel										
Frequency (MHz)				20415	20505	20505	Turn-up limit (dBm)	MPR (dB)		
3	QPSK	1	0	22.80	22.93	22.69	24	0		
3	QPSK	1	8	22.60	22.92	22.69				
3	QPSK	1	14	22.61	22.88	22.83				
3	QPSK	8	0	21.71	21.91	21.87				
3	QPSK	8	4	21.90	21.72	21.85	23	1		
3	QPSK	8	7	22.01	21.85	21.76				
3	QPSK	16	0	21.75	21.88	21.70				
3	16QAM	1	0	21.84	22.06	22.00				
3	16QAM	1	14	21.75	21.70	21.92	23	1		
3	16QAM	1	14	21.84	21.73	21.92				
3	16QAM	8	0	20.81	20.94	20.71				
3	16QAM	8	4	20.80	20.74	21.00				
3	16QAM	8	7	20.86	20.81	20.74	22	2		
3	16QAM	15	0	20.75	20.71	20.98				
3	64QAM	1	0	20.81	20.75	20.74				
3	64QAM	1	8	20.86	20.76	20.73				
3	64QAM	1	14	20.99	20.73	20.69	22	2		
3	64QAM	8	0	19.90	19.74	19.82				
3	64QAM	8	4	19.67	19.77	19.92				
3	64QAM	8	7	19.62	19.67	19.89				
3	64QAM	15	0	19.79	19.71	19.92	21	3		
3	256QAM	1	0	18.02	17.98	17.76				
3	256QAM	1	8	17.96	17.95	17.87				
3	256QAM	1	14	17.85	18.04	18.02				
3	256QAM	8	0	17.77	17.85	17.89	19	5		
3	256QAM	8	4	18.06	17.90	17.90				
3	256QAM	8	7	17.71	17.90	17.91				
3	256QAM	15	0	17.88	17.99	17.96				
Channel										
Frequency (MHz)				20407	20505	20505	Turn-up limit (dBm)	MPR (dB)		
1.4	QPSK	1	0	22.69	22.92	22.82	24	0		
1.4	QPSK	1	3	22.59	22.85	22.81				
1.4	QPSK	1	5	22.59	22.82	22.82				
1.4	QPSK	3	0	22.73	22.81	22.76				
1.4	QPSK	3	1	22.53	22.85	22.87	23	1		
1.4	QPSK	3	3	22.77	22.89	22.83				
1.4	QPSK	6	0	21.93	21.88	21.85				
1.4	16QAM	1	0	21.87	21.89	21.85				
1.4	16QAM	1	3	21.71	21.88	21.95	23	1		
1.4	16QAM	1	5	21.84	21.87	21.81				
1.4	16QAM	3	0	21.84	21.84	21.73				
1.4	16QAM	3	1	21.94	22.00	21.97				
1.4	16QAM	3	1	21.74	21.68	21.79	22	2		
1.4	16QAM	6	0	20.84	20.69	20.99				
1.4	64QAM	1	0	20.77	20.89	20.81				
1.4	64QAM	1	3	20.83	20.68	20.89				
1.4	64QAM	1	5	20.91	20.84	20.68	22	2		
1.4	64QAM	3	0	20.98	20.78	21.00				
1.4	64QAM	3	1	20.84	20.85	20.83				
1.4	64QAM	3	3	20.92	20.73	20.99				
1.4	64QAM	6	0	19.75	19.77	19.78	21	3		
1.4	256QAM	1	0	18.02	17.99	17.83				
1.4	256QAM	1	3	18.03	17.99	17.97				
1.4	256QAM	1	5	18.04	17.90	18.00				
1.4	256QAM	3	0	17.88	17.82	17.87	19	5		
1.4	256QAM	3	1	18.02	17.76	17.97				
1.4	256QAM	3	3	17.73	17.83	17.95				
1.4	256QAM	6	0	17.89	17.93	17.78				

Band 12 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.82	23.02	22.80			
10	QPSK	1	25	22.85	22.81	22.76	24	0	
10	QPSK	25	49	22.89	22.82	22.77	22	2	
10	QPSK	25	0	21.91	22.07	22.01			
10	QPSK	25	12	21.90	21.87	21.99	23	1	
10	QPSK	25	25	21.84	21.86	22.03			
10	QPSK	25	0	21.90	22.02	21.88			
10	16QAM	1	0	22.09	21.98	21.99			
10	16QAM	1	25	21.86	21.98	22.09	23	1	
10	16QAM	1	49	21.96	21.96	21.90			
10	16QAM	25	0	20.71	20.80	20.84	22	2	
10	16QAM	25	12	20.80	20.68	20.81			
10	16QAM	25	25	20.68	20.79	20.63			
10	16QAM	50	0	20.78	20.82	20.86			
10	64QAM	1	0	20.66	20.79	20.83	22	2	
10	64QAM	1	25	20.72	20.72	20.75			
10	64QAM	1	49	20.65	20.65	20.79			
10	64QAM	25	0	19.81	19.72	19.75			
10	64QAM	25	12	19.85	19.70	19.90	21	3	
10	64QAM	25	25	19.85	19.79	19.72			
10	64QAM	50	0	19.91	19.90	19.71			
10	256QAM	1	0	17.77	17.88	17.83			
10	256QAM	1	25	17.77	17.78	17.80	19	5	
10	256QAM	1	49	17.80	17.82	17.70			
10	256QAM	25	0	17.68	17.69	17.80			
10	256QAM	25	12	17.67	17.79	17.87	19	5	
10	256QAM	25	25	17.69	17.81	17.85			
10	256QAM	50	0	17.70	17.78	17.84			
Channel									
Frequency (MHz)				701.5	707.5	713.5	Turn-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.68	22.95	22.76			
5	QPSK	1	12	22.66	22.68	22.62	24	0	
5	QPSK	1	25	22.48	22.45	22.45			
5	QPSK	12	0	21.71	22.04	22.02			
5	QPSK	12	7	21.85	21.68	21.96	23	1	
5	QPSK	12	13	21.80	21.82	21.84			
5	QPSK	25	0	21.98	21.98	21.96	23	1	
5	16QAM	1	0	22.09	21.88	21.95			
5	16QAM	1	12	21.70	21.93	21.94	23	1	
5	16QAM	1	24	21.70	21.82	21.80			
5	16QAM	1	25	20.59	20.60	20.86	22	2	
5	16QAM	12	7	20.80	20.50	20.80			
5	16QAM	12	13	20.53	20.78	20.47			
5	16QAM	25	0	20.64	20.65	20.81	22	2	
5	64QAM	1	0	20.49	20.50	20.77			
5	64QAM	1	12	20.53	20.59	20.77	22	2	
5	64QAM	1	24	20.47	20.48	20.70			
5	64QAM	12	0	19.75	19.57	19.62	21	3	
5	64QAM	12	7	19.86	19.50	19.67			
5	64QAM	12	13	19.69	19.69	19.59			
5	64QAM	25	0	19.91	19.70	19.65			
5	256QAM	1	0	17.55	17.86	17.75			
5	256QAM	1	12	17.58	17.78	17.87	19	5	
5	256QAM	1	24	17.87	17.72	17.55			
5	256QAM	12	0	17.61	17.52	17.61			
5	256QAM	12	7	17.54	17.66	17.71	19	5	
5	256QAM	12	13	17.50	17.70	17.79			
5	256QAM	25	0	17.54	17.74	17.74			
Channel									
Frequency (MHz)				700.5	707.5	714.5	Turn-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	22.74	22.84	22.61			
3	QPSK	1	12	22.55	22.76	22.64	24	0	
3	QPSK	1	14	22.64	22.69	22.53			
3	QPSK	8	0	21.79	22.01	21.88			
3	QPSK	8	4	21.89	21.79	22.01	23	1	
3	QPSK	8	7	21.95	21.85	22.01			
3	QPSK	15	0	21.85	21.85	21.82			
3	16QAM	1	0	21.93	21.87	21.93	23	1	
3	16QAM	1	8	21.87	21.88	21.97			
3	16QAM	1	14	21.86	21.91	21.68	23	1	
3	16QAM	8	0	20.81	20.98	20.65	22	2	
3	16QAM	8	4	20.80	20.67	20.80			
3	16QAM	15	0	20.72	20.66	20.86			
3	64QAM	1	0	20.56	20.47	20.77	22	2	
3	64QAM	1	8	20.71	20.69	20.59			
3	64QAM	1	14	20.52	20.60	20.61			
3	64QAM	8	0	19.74	19.53	19.75	21	3	
3	64QAM	8	4	19.79	19.57	19.73			
3	64QAM	8	7	19.84	19.78	19.59			
3	64QAM	15	0	19.76	19.86	18.72			
3	256QAM	1	0	17.70	17.76	17.79			
3	256QAM	1	8	17.69	17.77	17.59	19	5	
3	256QAM	1	14	17.76	17.61	17.58			
3	256QAM	8	0	17.63	17.57	17.78			
3	256QAM	8	4	17.45	17.72	17.51	19	5	
3	256QAM	8	7	17.56	17.60	17.77			
3	256QAM	15	0	17.59	17.68	17.76			
Channel									
Frequency (MHz)				699.7	707.5	715.3	Turn-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	22.77	22.93	22.81			
1.4	QPSK	1	0	22.44	22.22	22.25	24	0	
1.4	QPSK	1	5	22.63	22.83	22.71			
1.4	QPSK	3	1	22.45	22.68	22.75			
1.4	QPSK	3	1	22.50	22.22	22.69	23	1	
1.4	16QAM	1	0	21.89	21.79	21.82			
1.4	16QAM	1	3	21.84	21.77	21.78			
1.4	16QAM	3	5	21.87	21.71	21.78	23	1	
1.4	16QAM	3	0	21.73	21.84	21.80			
1.4	16QAM	3	1	21.84	21.66	21.89			
1.4	64QAM	1	3	21.82	21.93	21.74	22	2	
1.4	64QAM	3	0	20.69	20.63	20.71			
1.4	64QAM	3	0	20.44	20.47	20.79			
1.4	64QAM	3	3	20.64	20.59	20.59			
1.4	64QAM	1	5	20.43	20.44	20.77	22	2	
1.4	64QAM	3	0	20.71	20.32	20.78			
1.4	64QAM	3	0	20.58	20.72	20.48			
1.4	64QAM	3	3	20.65	20.71	20.85			
1.4	64QAM	6	0	19.74	19.69	19.57	21	3	
1.4	256QAM	1	0	17.60	17.80	17.62			
1.4	256QAM	3	1	17.68	17.77	17.72	19	5	
1.4	256QAM	3	5	17.88	17.79	17.50			
1.4	256QAM	3	0	17.57	17.55	17.66			
1.4	256QAM	3	1	17.64	17.60	17.66			
1.4	256QAM	3	1	17.53	17.76	17.65			
1.4	256QAM	6	0	17.57	17.65	17.68			

Band 17 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 23760	Power Middle Ch. / Freq. 23790	Power High Ch. / Freq. 23800	Tune-up (limit, dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.82	22.85	22.77	24	0	
10	QPSK	1	25	22.70	22.78	22.65			
10	QPSK	1	49	22.66	22.78	22.58			
10	QPSK	25	0	21.75	21.93	21.78			
10	QPSK	25	12	21.78	21.88	21.92	23	1	
10	QPSK	25	25	21.76	21.80	21.87			
10	QPSK	50	0	21.83	21.90	21.88			
10	16QAM	1	0	21.82	21.94	21.73			
10	16QAM	1	25	21.83	21.92	21.86	23	1	
10	16QAM	1	49	21.94	21.89	21.81			
10	16QAM	25	0	20.76	20.87	20.74			
10	16QAM	25	12	20.80	20.80	20.84			
10	16QAM	25	25	20.77	20.75	20.84	22	2	
10	16QAM	50	0	20.82	20.67	20.84			
10	64QAM	1	0	20.76	20.77	20.81			
10	64QAM	1	25	20.73	20.75	20.89			
10	64QAM	1	49	20.89	20.79	20.86	22	2	
10	64QAM	25	0	19.91	19.81	19.91			
10	64QAM	25	12	19.72	19.86	19.75			
10	64QAM	25	25	19.81	19.81	19.91			
10	64QAM	50	0	19.62	19.71	19.92	21	3	
10	256QAM	1	0	17.88	17.82	17.87			
10	256QAM	1	25	17.83	17.98	17.88			
10	256QAM	1	49	17.82	17.86	17.88			
10	256QAM	25	0	17.82	17.83	17.74	19	5	
10	256QAM	25	12	17.96	17.84	17.81			
10	256QAM	25	25	17.89	17.84	17.84			
10	256QAM	50	0	17.87	17.82	17.86			
Channel									
Frequency (MHz)							706.5 <th>710<th>713.5</th></th>	710 <th>713.5</th>	713.5
5	QPSK	1	0	22.70	22.72	22.55	24	0	
5	QPSK	1	12	22.62	22.75	22.45			
5	QPSK	1	24	22.65	22.58	22.50			
5	QPSK	12	0	21.62	21.86	21.65			
5	QPSK	12	7	21.73	21.72	21.89	23	1	
5	QPSK	12	13	21.77	21.74	21.67			
5	QPSK	25	0	21.64	21.75	21.67			
5	16QAM	1	0	21.62	21.62	21.58			
5	16QAM	1	12	21.64	21.62	21.56	23	1	
5	16QAM	1	24	20.67	20.75	20.70			
5	16QAM	1	24	21.77	21.76	21.82			
5	16QAM	12	0	20.76	20.89	20.55			
5	16QAM	12	7	20.67	20.75	20.57	22	2	
5	16QAM	12	13	20.94	20.70	20.75			
5	16QAM	25	0	20.81	20.69	20.74			
5	64QAM	1	0	20.63	20.78	20.72			
5	64QAM	1	12	20.51	20.75	20.87	22	2	
5	64QAM	1	24	20.67	20.75	20.70			
5	64QAM	12	0	19.89	19.77	19.84			
5	64QAM	12	7	19.70	19.79	19.58			
5	64QAM	12	13	19.85	19.77	19.81	21	3	
5	64QAM	25	0	19.62	19.53	19.88			
5	256QAM	1	0	17.89	17.73	17.84			
5	256QAM	1	12	17.71	17.83	17.87			
5	256QAM	1	24	17.82	17.62	17.88	19	5	
5	256QAM	12	0	17.76	17.80	17.80			
5	256QAM	12	7	17.92	17.70	17.81			
5	256QAM	12	13	17.73	17.82	17.79			
5	256QAM	25	0	17.74	17.76	17.93			

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	22.85	23.05	22.88	24	0			
15	QPSK	1	37	22.84	22.75	22.68					
15	QPSK	1	74	22.78	22.91	22.78					
15	QPSK	36	0	21.85	21.95	21.81					
15	QPSK	36	20	21.81	21.83	21.75	23	1			
15	QPSK	36	39	21.84	21.85	21.80					
15	QPSK	75	0	21.71	21.81	21.80					
15	16QAM	1	0	21.73	21.72	21.76					
15	16QAM	1	37	21.76	21.76	21.76	23	1			
15	16QAM	1	74	21.78	21.90	21.92					
15	16QAM	36	0	20.84	20.79	20.79					
15	16QAM	36	20	20.84	20.92	20.84					
15	16QAM	36	39	20.86	20.98	20.81	22	2			
15	16QAM	75	0	21.00	20.93	20.97					
15	64QAM	1	0	20.88	20.87	20.81					
15	64QAM	1	37	20.91	20.76	20.76					
15	64QAM	1	74	20.82	20.79	20.88	22	2			
15	64QAM	36	0	19.87	19.85	19.88					
15	64QAM	36	20	20.01	19.98	19.90					
15	64QAM	36	39	19.93	19.82	19.97					
15	64QAM	75	0	19.86	20.00	19.89	21	3			
15	256QAM	1	0	17.73	17.73	17.87					
15	256QAM	1	37	17.71	17.84	17.92					
15	256QAM	1	74	17.82	17.90	17.84					
15	256QAM	36	0	17.75	17.69	17.79	19	5			
15	256QAM	36	20	17.88	17.71	17.78					
15	256QAM	36	39	17.83	17.87	17.93					
15	256QAM	75	0	17.84	17.78	17.81					
Channel				26760	26865	26960	Tune-up limit (dBm) MPR (dB)				
Frequency (MHz)				816	831.5	846.5					
10	QPSK	1	0	22.71	22.88	22.73	24	0			
10	QPSK	1	25	22.78	22.65	22.56					
10	QPSK	1	49	22.62	22.75	22.68					
10	QPSK	25	0	21.69	21.81	21.61					
10	QPSK	25	12	21.77	21.79	21.75	23	1			
10	QPSK	25	25	21.78	21.79	21.69					
10	QPSK	50	0	21.68	21.60	21.66					
10	16QAM	1	0	21.70	21.71	21.66					
10	16QAM	1	25	21.75	21.58	21.75	23	1			
10	16QAM	1	49	21.59	21.81	21.74					
10	16QAM	25	0	20.77	20.80	20.58					
10	16QAM	25	12	20.71	20.89	20.72					
10	16QAM	25	25	20.78	20.85	20.85	22	2			
10	16QAM	50	0	20.81	20.78	20.79					
10	64QAM	1	0	20.86	20.70	20.73					
10	64QAM	1	25	20.79	20.65	20.76					
10	64QAM	1	49	20.62	20.69	20.74	22	2			
10	64QAM	25	0	19.82	19.85	19.68					
10	64QAM	25	12	19.98	19.97	19.88					
10	64QAM	25	25	19.94	19.62	19.79					
10	64QAM	50	0	19.80	19.96	19.78	21	3			
10	256QAM	1	0	17.58	17.58	17.87					
10	256QAM	1	25	17.54	17.84	17.94					
10	256QAM	1	49	17.71	17.86	17.80					
10	256QAM	25	0	17.65	17.57	17.70	19	5			
10	256QAM	25	12	17.66	17.52	17.68					
10	256QAM	25	25	17.70	17.65	17.91					
10	256QAM	50	0	17.80	17.74	17.76					
Channel				26715	26865	27015	Tune-up limit (dBm) MPR (dB)				
Frequency (MHz)				816.5	831.5	846.5					
5	QPSK	1	0	22.78	22.74	22.77	24	0			
5	QPSK	1	12	22.80	22.56	22.69					
5	QPSK	1	24	22.72	22.70	22.66					
5	QPSK	12	0	21.80	21.75	21.64					
5	QPSK	12	7	21.76	21.65	21.62	23	1			
5	QPSK	12	13	21.67	21.87	21.79					
5	QPSK	25	0	21.63	21.60	21.65					
5	QPSK	25	0	21.64	21.53	21.66					
5	16QAM	1	0	21.66	21.76	21.76	23	1			
5	16QAM	1	24	21.60	21.75	21.82					
5	16QAM	12	7	20.79	20.74	20.75					
5	16QAM	12	7	20.85	20.67	20.68					
5	16QAM	12	13	20.81	20.68	20.69	22	2			
5	16QAM	25	0	20.98	20.78	20.79					
5	64QAM	1	0	20.83	20.85	20.84					
5	64QAM	1	12	20.83	20.71	20.85					
5	64QAM	1	24	20.61	20.62	20.70	22	2			
5	64QAM	12	0	19.86	19.88	19.86					
5	64QAM	12	7	19.86	19.78	19.86					
5	64QAM	12	7	19.89	19.95	19.86					
5	64QAM	12	13	19.89	19.80	19.87	21	3			
5	64QAM	25	0	19.69	19.86	19.73					
5	64QAM	25	7	17.63	17.61	17.63					
5	256QAM	1	12	17.71	17.85	17.83					
5	256QAM	1	24	17.91	17.87	17.81	19			5	
5	256QAM	1	49	17.62	17.83	17.81					
5	256QAM	12	7	17.83	17.50	17.57					
5	256QAM	12	13	17.62	17.76	17.87					
5	256QAM	25	0	17.74	17.77	17.76	Tune-up limit (dBm) MPR (dB)				
Channel				26705	26865	27025					
Frequency (MHz)				816.5	831.5	846.5					
3	QPSK	1	0	22.81	22.77	22.78	24	0			
3	QPSK	1	8	22.84	22.72	22.47					
3	QPSK	1	14	22.76	22.73	22.72					
3	QPSK	8	0	21.75	21.93	21.64					
3	QPSK	8	0	21.7	21.79	21.69	23	1			
3	QPSK	8	7	21.62	21.82	21.63					
3	QPSK	15	0	21.64	21.72	21.69					
3	16QAM	1	0	21.57	21.52	21.57					
3	16QAM	1	0	21.66	21.68	21.75	22	2			
3	16QAM	1	14	21.64	21.85	21.93					
3	16QAM	8	0	20.70	20.72	20.79					
3	16QAM	8	4	20.65	20.75	20.62					
3	16QAM	7	7	20.85	20.78	20.76	21	2			
3	64QAM	1	0	21.01	20.90	20.89					
3	64QAM	1	0	20.77	20.67	20.60					
3	64QAM	1	8	20.93	20.58	20.77					
3	64QAM	1	14	20.81	20.78	20.73	21	3			
3	64QAM	8	0	19.82	19.86	19.88					
3	64QAM	8	4	19.97	19.79	19.89					
3	64QAM	8	7	19.69	19.67	19.79					
3	64QAM	15	0	19.99	19.83	19.84	19			5	
3	64QAM	17	0	17.70	17.69	17.68					
3	256QAM	1	17	17.81	17.78	17.85					
3	256QAM	1	14	17.75	17.88	17.71					
3	256QAM	8	0	17.77	17.69	17.81	19	5			
3	256QAM	8	4	17.84	17.62	17.85					
3	256QAM	17	8	17.82	17.78	17.86					
3	256QAM	15	0	17.75	17.73	17.65					
Channel				26697	26765	27033	Tune-up limit (dBm) MPR (dB)				
Frequency (MHz)				814.7	831.5	848.3					
1.4	QPSK	1	0	22.67	22.85	22.82	24	0			
1.4	QPSK	1	2	22.66	22.82	22.52					
1.4	QPSK	1	5	22.61	22.90	22.64					
1.4	QPSK	3	0	22.64	22.92	22.90					
1.4	QPSK	3	0	22.81	22.64	22.62	23	0			
1.4	QPSK	3	3	22.57	22.81	22.82					
1.4	QPSK	6	0	21.70	21.71	21.63					
1.4	16QAM	1	0	21.64	21.72	21.72					
1.4	16QAM	1	3	21.69	21.70	21.60	23	1			
1.4	16QAM	1	3	21.7	21.69	21.72					
1.4	16QAM	3	0	21.54	21.65	21.60					
1.4	16QAM	3	1	21.74	21.50	21.63					
1.4	16QAM	3	3	21.69	21.59	21.66	22	2			
1.4	16QAM	6	0	20.80	20.60	20.77					
1.4	64QAM	1	3	20.74	20.60	20.72					
1.4	64QAM	1	5	20.75	20.70	20.78					
1.4	64QAM	3	0	20.63	20.67	20.80	22	2			
1.4	64QAM	3	3	20.8	20.71	20.78					
1.4	64QAM	6	0	19.85	19.90	19.84					
1.4	256QAM	1	0	17.62	17.72	17.68					
1.4	256QAM	1	3	17.6	17.68	17.78	21	3			
1.4	256QAM	1	5	17.73	17.88	17.85					
1.4	256QAM	3	0	17.59	17.57	17.78					
1.4	256QAM	3	1	17.67	17.60	17.58					
1.4	256QAM	3	3	17.72	17.72	17.72					
1.4	256QAM	6	0	17.72	17.78	17.76					

GSM1900 Ant 1		Burst Average Power (dbm)			Tune-up		Frame-Average Power (dbm)			Tune-up
TX Channel		512	661	810	Limit		512	661	810	Limit
Frequency (MHz)		1850.2	1860	1869.8	(dbm)		1850.2	1860	1869.8	(dbm)
GSM 1 Tx slot		29.15	29.16	29.09	30.50		20.15	20.16	20.09	21.50
GPRS 1 Tx slot		29.12	29.14	29.05	30.50		20.12	20.14	20.05	21.50
GPRS 2 Tx slots		25.60	25.63	25.61	26.50		19.60	19.63	19.61	20.50
GPRS 3 Tx slots		23.92	23.73	23.93	25.00		19.66	19.47	19.67	20.74
GPRS 4 Tx slots		22.30	22.37	22.38	23.50		19.30	19.37	19.38	20.50
EDGE 1 Tx slot		25.37	25.19	25.38	26.50		16.37	16.19	16.38	17.50
EDGE 2 Tx slots		23.65	23.64	23.75	24.50		17.65	17.64	17.75	18.50
EDGE 3 Tx slots		21.78	21.76	21.81	23.00		17.52	17.50	17.55	18.74
EDGE 4 Tx slots		19.85	19.69	19.68	21.00		16.85	16.69	16.68	18.00

Band		WCDMA II Ant 1			Tune-up		WCDMA IV Ant 1			Tune-up
TX Channel		9262	9400	9538	Limit		1312	1413	1513	Limit
Rx Channel		9662	9800	9938	(dbm)		1537	1638	1738	(dbm)
Frequency (MHz)		1852.4	1860	1867.6			1712.4	1722.4	1732.8	
3GPP Rel 99	AMR 12.2Kbps	22.15	22.23	22.13	23.30		21.80	21.84	21.67	22.60
3GPP Rel 99	RM 12.2Kbps	22.27	22.30	22.25	23.30		21.89	21.90	21.81	22.60
3GPP Rel 6	HSDPA Subtest-1	21.19	21.37	21.12	22.30		20.65	20.67	20.60	21.60
3GPP Rel 6	HSDPA Subtest-2	21.25	21.43	21.16	22.30		20.83	20.69	20.86	21.60
3GPP Rel 6	HSDPA Subtest-3	20.80	20.92	20.95	21.80		20.28	20.38	20.51	21.10
3GPP Rel 6	HSDPA Subtest-4	20.83	20.97	20.84	21.80		20.31	20.34	20.36	21.10
3GPP Rel 8	DCHSDPA Subtest-1	21.28	21.23	21.33	22.30		20.70	20.60	20.77	21.60
3GPP Rel 8	DCHSDPA Subtest-2	21.28	21.51	21.28	22.30		20.57	20.92	20.67	21.60
3GPP Rel 8	DCHSDPA Subtest-3	20.99	20.99	21.01	21.80		20.17	20.58	20.43	21.10
3GPP Rel 8	DCHSDPA Subtest-4	20.97	21.04	20.82	21.80		20.22	20.28	20.24	21.10
3GPP Rel 6	HSDPA Subtest-1	21.19	21.36	21.39	22.30		20.63	20.62	20.73	21.60
3GPP Rel 6	HSDPA Subtest-2	19.30	19.21	19.19	20.30		18.72	18.92	18.71	19.60
3GPP Rel 6	HSDPA Subtest-3	20.39	20.35	20.47	21.30		19.71	19.65	19.94	20.60
3GPP Rel 6	HSDPA Subtest-4	19.37	19.36	19.40	20.30		19.00	19.05	18.87	19.60
3GPP Rel 6	HSDPA Subtest-5	21.23	21.38	21.24	22.30		20.74	20.81	20.89	21.60

Band 2 Ant 1														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Mid Ch / Freq.	Power High Ch / Freq.	Turn-on time (sec)	MPR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	22.21	22.25	22.08	23.5	0						
20	QPSK	1	48	22.08	22.07	22.05								
20	QPSK	1	96	21.99	21.84	21.95								
20	QPSK	50	0	21.80	21.85	21.67								
20	QPSK	50	24	21.83	21.84	21.74	23	0.5						
20	QPSK	50	50	21.74	21.67	21.74								
20	QPSK	100	0	21.80	21.84	21.82								
20	HQDM	1	0	21.78	21.86	21.85								
20	HQDM	1	48	21.81	21.76	21.73	23	0.5						
20	HQDM	1	96	21.83	21.68	21.71								
20	HQDM	50	0	20.68	20.76	20.83								
20	HQDM	50	24	20.84	20.80	20.81								
20	HQDM	100	0	20.74	20.64	20.75	22	1.5						
20	SQDM	1	0	20.66	20.73	20.83								
20	HQDM	1	48	20.68	20.71	20.81								
20	HQDM	1	96	20.64	20.60	20.66								
20	SQDM	50	0	19.79	19.81	19.89	21	2.5						
20	HQDM	50	24	19.75	19.76	19.83								
20	SQDM	50	50	19.68	19.83	19.78								
20	HQDM	100	0	19.81	19.64	19.70								
20	SQDM	1	48	17.77	17.67	17.68	19	4.5						
20	SQDM	1	96	17.83	17.77	17.80								
20	SQDM	50	0	17.63	17.76	17.78								
20	SQDM	50	24	17.74	17.75	17.79								
20	SQDM	50	50	17.67	17.68	17.74								
20	SQDM	100	0	17.78	17.68	17.83								
Channel														
Frequency (MHz)														
15	QPSK	1	0	22.30	22.25	22.05	23.5	0						
15	QPSK	1	48	22.12	22.12	22.11								
15	QPSK	1	74	22.01	21.84	22.05								
15	QPSK	36	0	21.76	21.67	21.58								
15	QPSK	36	36	21.64	21.57	21.68	23	0.5						
15	QPSK	75	0	21.68	21.71	21.68								
15	QPSK	75	36	21.73	21.65	21.74								
15	HQDM	1	0	21.81	21.71	21.52								
15	HQDM	1	74	21.77	21.76	21.72	23	0.5						
15	HQDM	1	48	21.79	21.67	21.75								
15	HQDM	36	0	20.46	20.59	20.71								
15	HQDM	36	20	20.47	20.55	20.71								
15	HQDM	36	0	20.86	20.80	20.86	22	1.5						
15	HQDM	75	0	20.83	20.80	20.85								
15	SQDM	1	0	20.64	20.75	20.83								
15	SQDM	1	37	20.45	20.37	20.77								
15	SQDM	1	74	20.51	20.55	20.53	21	2.5						
15	SQDM	36	0	19.79	19.71	19.82								
15	SQDM	36	0	19.80	19.82	19.82								
15	SQDM	36	36	19.69	19.75	19.72								
15	SQDM	75	0	19.73	19.56	19.62	19	4.5						
15	SQDM	1	37	17.71	17.67	17.50								
15	SQDM	1	74	17.70	17.70	17.71								
15	SQDM	36	0	17.68	17.68	17.68								
15	SQDM	36	20	17.58	17.73	17.72	19	4.5						
15	SQDM	36	36	17.60	17.67	17.83								
15	SQDM	75	0	17.63	17.69	17.68								
Channel														
Frequency (MHz)														
10	QPSK	1	0	19.65	19.60	19.65	23.5	0						
10	QPSK	1	25	22.23	22.09	22.05								
10	QPSK	1	48	21.96	21.91	22.10								
10	QPSK	25	0	21.68	21.68	21.68								
10	QPSK	25	12	21.75	21.62	21.71	23	0.5						
10	QPSK	25	25	21.63	21.53	21.69								
10	QPSK	50	0	21.67	21.67	21.67								
10	HQDM	1	0	21.70	21.84	21.81								
10	HQDM	1	25	21.69	21.66	21.68	23	0.5						
10	HQDM	1	48	21.68	21.67	21.67								
10	HQDM	25	0	20.48	20.59	20.74								
10	HQDM	25	12	20.43	20.42	20.60								
10	HQDM	50	0	20.62	20.55	20.64	22	1.5						
10	HQDM	50	0	20.59	20.45	20.58								
10	SQDM	1	0	20.61	20.68	20.66								
10	SQDM	1	0	20.53	20.44	20.71								
10	SQDM	1	48	20.51	20.61	20.56	21	2.5						
10	SQDM	25	0	19.78	19.83	19.58								
10	SQDM	25	12	19.76	19.81	19.84								
10	SQDM	50	0	19.73	19.64	19.63								
10	SQDM	1	25	17.71	17.69	17.62	19	4.5						
10	SQDM	1	25	17.73	17.69	17.52								
10	SQDM	1	48	17.65	17.75	17.61								
10	SQDM	25	0	17.55	17.45	17.77								
10	SQDM	25	12	17.63	17.68	17.62	19	4.5						
10	SQDM	25	25	17.59	17.61	17.58								
10	SQDM	50	0	17.67	17.69	17.58								
Channel														
Frequency (MHz)														
5	QPSK	1	0	22.11	22.10	22.10	23.5	0						
5	QPSK	1	12	22.20	22.08	21.96								
5	QPSK	1	24	22.01	21.89	21.99								
5	QPSK	12	0	21.77	21.68	21.68								
5	QPSK	12	7	21.75	21.57	21.64	23	0.5						
5	QPSK	12	13	21.55	21.66	21.73								
5	QPSK	25	0	21.71	21.62	21.77								
5	HQDM	1	0	21.79	21.76	21.78								
5	HQDM	1	12	21.59	21.55	21.66	23	0.5						
5	HQDM	1	12	21.72	21.65	21.65								
5	HQDM	12	0	20.57	20.89	20.83								
5	HQDM	12	7	20.61	20.57	20.79								
5	HQDM	12	13	20.60	20.52	20.68	22	1.5						
5	HQDM	25	0	20.59	20.57	20.76								
5	HQDM	1	0	20.59	20.74	20.61								
5	HQDM	1	0	20.47	20.52	20.69								
5	HQDM	1	24	20.63	20.44	20.45	21	2.5						
5	HQDM	12	0	19.70	19.80	19.70								
5	HQDM	12	13	19.73	19.66	19.81								
5	HQDM	25	0	19.71	19.61	19.71								
5	HQDM	15	0	17.58	17.70	17.71	19	4.5						
5	SQDM	1	12	17.71	17.67	17.68								
5	SQDM	1	24	17.64	17.72	17.69								
5	SQDM	12	0	17.77	17.67	17.68								
5	SQDM	12	7	17.56	17.60	17.71	19	4.5						
5	SQDM	12	13	17.52	17.70	17.62								
5	SQDM	25	0	17.68	17.70	17.62								

Band 25 Ant 1											Band 66 Ant 1														
BW (MHz)	Modulation	RIS Size	RIS Offset	Power Low Ch / Freq. (dBm)	Power Middle Ch / Freq. (dBm)	Power High Ch / Freq. (dBm)	Turn-up (dB)	MPR (dB)			BW (MHz)	Modulation	RIS Size	RIS Offset	Power Low Ch / Freq. (dBm)	Power Middle Ch / Freq. (dBm)	Power High Ch / Freq. (dBm)	Turn-up (dB)	MPR (dB)						
Channel											Channel														
Frequency (MHz)											Frequency (MHz)														
20	QPSK	1	0	22.31	22.34	22.21	23.5	0	22.4	0	20	QPSK	1	0	21.21	21.38	21.28	22.4	0	21.8	0				
20	QPSK	1	49	22.24	22.12	22.14																			
20	QPSK	1	99	22.10	22.11	22.06																			
20	QPSK	50	0	21.82	21.87	21.78	23	0.5	21.8	0	20	QPSK	50	0	21.19	21.27	21.62								
20	QPSK	50	24	21.81	21.87	21.83																			
20	QPSK	50	50	21.68	21.74	21.77																			
20	QPSK	100	0	21.78	21.82	21.76	23	0.5	21.8	0	20	QPSK	50	24	21.01	21.31	21.13								
20	16QAM	1	0	21.83	21.87	21.87																			
20	16QAM	1	49	21.86	21.70	21.86																			
20	16QAM	1	99	21.87	21.85	21.76	22	1.5	21.5	0.4	20	16QAM	1	0	21.22	21.18	21.18								
20	16QAM	50	0	20.60	20.75	20.70																			
20	16QAM	50	24	20.76	20.60	20.71																			
20	16QAM	50	50	20.73	20.76	20.71	20	4.5	17.8	4.5	20	16QAM	1	49	21.04	21.14	21.04								
20	16QAM	100	0	20.69	20.59	20.69																			
20	16QAM	1	0	20.73	20.60	20.60																			
20	64QAM	1	49	20.61	20.65	20.71	22	1.5	20.7	0.4	20	64QAM	1	49	20.71	20.70	20.71								
20	64QAM	1	99	20.78	20.59	20.72																			
20	64QAM	50	0	19.82	19.66	19.76																			
20	64QAM	50	24	19.74	19.61	19.79	21	2.5	19.7	1.4	20	64QAM	50	24	20.01	19.81	19.87								
20	64QAM	50	50	19.76	19.75	19.78																			
20	64QAM	100	0	19.80	19.72	19.68																			
20	256QAM	1	49	17.82	17.87	17.78	19	4.5	17.8	3.4	20	256QAM	1	49	17.80	17.87	17.77								
20	256QAM	1	99	17.78	17.80	17.79																			
20	256QAM	50	24	17.79	17.80	17.80																			
20	256QAM	50	24	17.85	17.89	17.88	19	4.5	17.8	3.4	20	256QAM	50	24	17.84	17.80	17.88								
20	256QAM	50	50	17.86	17.81	17.81																			
20	256QAM	100	0	17.87	17.83	17.86																			
Channel											Channel														
Frequency (MHz)											Frequency (MHz)														
15	QPSK	1	0	22.21	22.20	22.14	23.5	0	22.4	0	15	QPSK	1	0	21.13	21.20	21.01	22.4	0	20.8	0				
15	QPSK	1	37	22.12	22.20	22.16																			
15	QPSK	1	74	22.14	22.08	22.17																			
15	QPSK	36	0	21.73	21.87	21.81	23	0.5	21.8	0	15	QPSK	36	0	20.50	21.21	21.01								
15	QPSK	36	25	21.87	21.85	21.82																			
15	QPSK	36	39	21.58	21.62	21.58																			
15	QPSK	75	0	21.61	21.68	21.66	23	0.5	21.8	0	15	QPSK	36	25	20.39	21.31	20.91								
15	16QAM	1	1	21.69	21.78	21.69																			
15	16QAM	1	37	21.67	21.59	21.81																			
15	16QAM	1	74	21.73	21.67	21.68	22	1.5	21.5	0.4	15	16QAM	1	74	21.04	21.15	20.94								
15	16QAM	36	0	20.49	20.63	20.64																			
15	16QAM	36	25	20.72	20.42	20.68																			
15	16QAM	36	39	20.55	20.59	20.50	22	1.5	21.5	0.4	15	16QAM	36	39	20.72	20.87	20.81								
15	64QAM	1	0	20.73	20.58	20.48																			
15	64QAM	1	37	20.49	20.45	20.76																			
15	64QAM	1	74	20.76	20.47	20.53	21	2.5	19.7	1.4	15	64QAM	1	37	20.63	20.78	20.72								
15	64QAM	36	0	19.69	19.62	19.61																			
15	64QAM	36	25	19.81	19.63	19.78																			
15	64QAM	36	39	19.09	19.05	19.04	19	4.5	17.8	3.4	15	64QAM	36	25	20.05	20.68	20.61								
15	64QAM	75	0	19.69	19.64	19.61																			
15	256QAM	1	37	17.85	17.85	17.71																			
15	256QAM	1	74	17.84	17.84	17.78	19	4.5	17.8	3.4	15	256QAM	1	74	17.89	17.84	17.75								
15	256QAM	36	0	17.72	17.73	17.83																			
15	256QAM	36	25	17.79	17.87	17.87																			
15	256QAM	36	39	17.88	17.89	17.80	19	4.5	17.8	3.4	15	256QAM	36	39	17.88	17.81	17.89								
15	256QAM	75	0	17.86	17.78	17.78																			
15	256QAM	75	0	17.86	17.78	17.78																			
Channel											Channel														
Frequency (MHz)											Frequency (MHz)														
10	QPSK	1	0	22.18	22.18	22.14	23.5	0	22.4	0	10	QPSK	1	0	21.17	21.28	21.13	22.4	0	20.9	0				
10	QPSK	1	25	22.22	22.09	22.24																			
10	QPSK	1	49	22.12	22.18	22.17																			
10	QPSK	25	0	21.83	21.70	21.72	23	0.5	21.8	0	10	QPSK	25	0	20.84	21.09	20.83								
10	QPSK	25	12	21.69	21.54	21.70																			
10	QPSK	25	25	21.64	21.66	21.78																			
10	QPSK	50	0	21.87	21.87	21.87	23	0.5	21.8	0	10	QPSK	25	25	20.93	21.32	20.91								
10	16QAM	1	0	21.66	21.69	21.69																			
10	16QAM	1	25	21.75	21.54	21.76																			
10	16QAM	1	75	21.79	21.68	21.68	22	1.5	21.5	0.4	10	16QAM	1	25	21.07	21.21	21.08								
10	16QAM	25	0	20.47	20.54	20.50																			
10	16QAM	25	12	20.65	20.57	20.61																			
10	16QAM	50	0	20.58	20.47	20.55	22	1.5	21.5	0.4	10	16QAM	25	12	20.67	20.86	20.73								
10	64QAM	1	0	20.54	20.56	20.45																			
10	64QAM	1	25	20.50	20.45	20.79																			
10	64QAM	1	49	20.70	20.48	20.56	21	2.5	19.7	1.4	10	64QAM	1	49	20.79	20.68	20.71								
10	64QAM	25	0	19.70	19.48	19.58																			
10	64QAM	25	12	19.56	19.48	19.70																			
10	64QAM	50	25	19.68	19.68	19.63	19	4.5	17.8	3.4	10	64QAM	25	12	20.79	20.84	20.72								
10	64QAM	50	0	19.66	19.69	19.50																			
10	256QAM	1	0	17.65	17.73	17.63																			
10	256QAM	1	25	17.85	17.71	17.70	19	4.5	17.8	3.4	10	256QAM	1	25	17.77	17.75	17.86								
10	256QAM	1	49	17.70	17.73	17.86																			
10	256QAM	25	12	17.82	17.84	17.83																			
10	256QAM	25	25	17.82	17.83	17.71	19	4.5	17.8	3.4	10	256QAM	25	25	17.83	17.87	17.78								
10	256QAM	50	0	17.83	17.82	17.85																			
10	256QAM	50	0	17.83	17.82	17.85																			
Channel											Channel														
Frequency (MHz)											Frequency (MHz)														
5	QPSK	1	0	22.19	22.19	22.15	23.5	0	22.4	0	5	QPSK	1	0	21.15	21.26	21.15	22.4	0	21.0	0				
5	QPSK	1	12	22.17	22.09	22.13																			
5	QPSK	1	24	22.17	22.09	22.13																			
5	QPSK	12	0	21.71	21.53	21.89	23	0.5	21.8	0	5	QPSK	12	7	20.62	21.13	20.94								
5	QPSK	12	13	21.59	21.57	21.75																			
5	QPSK	12	25	21.52	21.78	21.69																			
5	QPSK	25	0	21.62	21.70	21.64	23	0.5	21.8	0	5	QPSK	12	13	20.97	21.13	20.97								
5	16QAM	1	0	21.82	21.70	21.89																			
5	16QAM	1	12	21.84	21.65	21.67																			
5	16QAM	1	24	21.71	21.65	21.71	22	1.5	21.5	0.4	5	16QAM	1	24	21.09	21.24	21.09								
5	16QAM	12	0	20.44	20.72	20.51																			
5	16QAM	12	7	20.63	20.56	20.70																			
5	16QAM	12	13	20.55	20.40	20.68	22	1.5	21.5	0.4	5	16QAM	12	13	20.77	20.68	20.70								
5	64QAM	1	0	20.51	20.57	20.52																			
5	64QAM	1	12	20.53	20.45	20.60																			
5	64QAM	1	24	20.56	20.49	20.72	21	2.5	19.7	1.4	5	64QAM	1	24	20.93	20.99	20.79								
5	64QAM	12	0	19.63	19.62	19.67																			
5	64QAM	12	7	19.57	19.60	19.71																			
5	64QAM	12	13	19.76	19.70	19.79	19	4.5	17.8	3.4	5	64QAM	12	13	19.73	19.63	19.80								
5	64QAM	25	0	19.69	19.60	19.69																			
5	256QAM	1	0	17.83	17.73	17.84																			
5	256QAM	1	12	17.77	17.76	17.69	19	4.5	17.8	3.4	5	256QAM	1	12	17.84	17.83	17.72								
5	256QAM	1	24	17.74	17.61	17.61																			
5	256QAM	12	0	17.73	17.89	17.82																			
5	256QAM	12	7	17.77	17.84	17.83	19	4.5	17.8	3.4	5	256QAM	12	7	17.82	17.71	17.58								
5	256QAM	12	13	17.77	17.77	17.82																			
5	256QAM	25	0	17.66	17.76	17.84																			
Channel											Channel														
Frequency (MHz)											Frequency (MHz)														
3	QPSK	1	0	22.17	22.17	22.14	23.5	0	22.4	0	3	QPSK	1	0	21.10	21.30	21.15	22.4	0	20.9	0				
3	QPSK	1	8	22.25	22.19	22.23																			
3	QPSK	1	16	22.15	22.20	22.07																			
3	QPSK	8	0	21.84	21.70	21.74	23	0.5	21.8	0	3	QPSK	8	0	20.98	21.28	20.94								
3	QPSK	8	8	21.68	21.49	21.71																			
3	QPSK	8	16	21.60	21.59	21.70																			
3	QPSK	16	0	21.66	21.75	21.68	23	0.5	21.8	0	3	QPSK	8	8	20.81	21.17	21.10								
3	16QAM	1	0	21.79	21.73	21.68																			
3	16QAM	1	8	21.69	21.55	21.78																			
3	16QAM	1	16	21.84	21.63	21.71	22	1.5	21.5	0.4	3	16QAM	1	16	21.08	21.26	21.06								
3	16QAM	8	0	20.50	20.67	20.67																			
3	16QAM	8	8	20.61	20.57	20.70																			
3	16QAM	8	16	20.53	20.57	20.72	22																		

Band 38 Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37650	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	22.96	23.16	23.13	24	0		
20	QPSK	1	49	22.96	22.94	22.89				
20	QPSK	1	99	22.85	22.86	22.86	23	1		
20	QPSK	50	0	21.96	22.15	21.98				
20	QPSK	50	24	21.95	21.97	21.88	23	1		
20	QPSK	50	50	21.90	21.77	22.13				
20	QPSK	100	0	21.97	22.10	22.00	23	1		
20	16QAM	1	0	21.95	21.80	22.07				
20	16QAM	1	49	21.81	21.99	22.04	22	2		
20	16QAM	1	99	22.02	22.00	21.79				
20	16QAM	50	0	20.80	20.86	20.86	22	2		
20	16QAM	50	24	20.92	20.57	20.82				
20	16QAM	50	50	20.90	20.69	20.81	22	2		
20	16QAM	100	0	20.64	20.90	20.61				
20	64QAM	1	0	20.66	20.77	20.71	22	2		
20	64QAM	1	49	20.61	20.78	20.78				
20	64QAM	1	99	20.72	20.74	20.93	21	3		
20	64QAM	50	0	19.82	19.85	19.91				
20	64QAM	50	24	19.95	19.81	19.76	21	3		
20	64QAM	50	50	19.82	19.68	19.95				
20	64QAM	100	0	19.75	19.81	19.72	19	5		
20	256QAM	1	0	17.89	17.87	17.66				
20	256QAM	1	49	17.90	17.91	17.86	19	5		
20	256QAM	1	99	17.71	17.76	17.79				
20	256QAM	50	0	17.83	17.96	17.74	19	5		
20	256QAM	50	24	17.99	17.96	17.90				
20	256QAM	50	50	17.76	17.83	17.69	20	2		
20	256QAM	100	0	17.83	17.80	17.67				
Channel				37625	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	22.70	22.80	22.52	24	0		
15	QPSK	1	37	22.43	22.60	22.21				
15	QPSK	1	74	22.48	22.27	22.55	23	1		
15	QPSK	36	0	21.37	21.53	21.52				
15	QPSK	36	20	21.49	21.44	21.46	23	1		
15	QPSK	36	39	21.25	21.40	21.54				
15	QPSK	75	0	21.36	21.46	21.38	23	1		
15	16QAM	1	0	21.46	21.30	21.47				
15	16QAM	1	37	21.19	21.54	21.39	23	1		
15	16QAM	1	74	21.47	21.32	21.29				
15	16QAM	36	0	20.29	20.33	20.31	22	2		
15	16QAM	36	20	20.34	20.61	20.32				
15	16QAM	36	39	20.33	20.20	20.37	22	2		
15	16QAM	75	0	20.25	20.30	20.15				
15	64QAM	1	0	20.10	20.30	20.17	22	2		
15	64QAM	1	37	20.05	20.08	20.37				
15	64QAM	1	74	20.40	20.36	20.44	21	3		
15	64QAM	36	0	19.41	19.44	19.34				
15	64QAM	36	20	19.23	19.30	19.30	21	3		
15	64QAM	36	39	19.32	19.26	19.42				
15	64QAM	75	0	19.24	19.34	19.15	19	5		
15	256QAM	1	0	17.46	17.24	17.27				
15	256QAM	1	37	17.25	17.38	17.46	19	5		
15	256QAM	1	74	17.19	17.41	17.24				
15	256QAM	36	0	17.23	17.37	17.23	19	5		
15	256QAM	36	20	17.46	17.42	17.50				
15	256QAM	36	39	17.29	17.41	17.33	19	5		
15	256QAM	75	0	17.31	17.38	17.44				
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	22.50	22.56	22.52	24	0		
10	QPSK	1	25	22.44	22.48	22.39				
10	QPSK	1	49	22.35	22.44	22.36	23	1		
10	QPSK	25	0	21.38	21.45	21.56				
10	QPSK	25	12	21.47	21.43	21.31	23	1		
10	QPSK	25	25	21.29	21.34	21.64				
10	QPSK	50	0	21.35	21.47	21.37	23	1		
10	16QAM	1	0	21.45	21.46	21.56				
10	16QAM	1	25	21.17	21.60	21.43	23	1		
10	16QAM	1	49	21.41	21.50	21.35				
10	16QAM	25	0	20.31	20.37	20.32	22	2		
10	16QAM	25	12	20.32	20.00	20.39				
10	16QAM	25	25	20.38	20.24	20.43	22	2		
10	16QAM	50	0	20.22	20.30	20.13				
10	64QAM	1	0	20.27	20.37	20.18	22	2		
10	64QAM	1	25	20.13	20.08	20.21				
10	64QAM	1	49	20.24	20.27	20.36	21	3		
10	64QAM	25	0	19.21	19.50	19.20				
10	64QAM	25	12	19.44	19.29	19.39	19	5		
10	64QAM	25	25	19.28	19.29	19.33				
10	64QAM	50	0	19.23	19.25	19.09	19	5		
10	256QAM	1	0	17.35	17.38	17.16				
10	256QAM	1	25	17.27	17.37	17.48	19	5		
10	256QAM	1	49	17.37	17.40	17.22				
10	256QAM	25	0	17.31	17.54	17.34	19	5		
10	256QAM	25	12	17.38	17.54	17.45				
10	256QAM	25	25	17.42	17.39	17.13	19	5		
10	256QAM	50	0	17.34	17.21	17.55				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2592.5	2595	2617.5				
5	QPSK	1	0	22.68	22.70	22.52	24	0		
5	QPSK	1	12	22.43	22.67	22.44				
5	QPSK	1	24	22.29	22.41	22.42	23	1		
5	QPSK	12	0	21.32	21.60	21.45				
5	QPSK	12	7	21.33	21.43	21.48	23	1		
5	QPSK	12	13	21.22	21.48	21.46				
5	QPSK	25	0	21.39	21.30	21.37	23	1		
5	16QAM	1	0	21.37	21.32	21.43				
5	16QAM	1	12	21.18	21.42	21.52	23	1		
5	16QAM	1	24	21.45	21.42	21.44				
5	16QAM	12	0	20.20	20.29	20.49	22	2		
5	16QAM	12	7	20.46	20.66	20.27				
5	16QAM	12	13	20.37	20.34	20.40	22	2		
5	16QAM	25	0	20.31	20.34	20.27				
5	64QAM	1	0	20.24	20.26	20.38	22	2		
5	64QAM	1	12	20.05	20.14	20.28				
5	64QAM	1	24	20.20	20.36	20.41	22	2		
5	64QAM	12	0	19.31	19.30	19.33				
5	64QAM	12	7	19.45	19.43	19.39	21	3		
5	64QAM	12	13	19.13	19.30	19.41				
5	64QAM	25	0	19.32	19.41	19.20	21	3		
5	64QAM	25	1	19.29	17.20	19.20				
5	256QAM	1	0	17.29	17.23	17.43	19	5		
5	256QAM	1	12	17.23	17.42	17.45				
5	256QAM	1	24	17.24	17.35	17.31	19	5		
5	256QAM	12	0	17.43	17.41	17.23				
5	256QAM	12	7	17.41	17.51	17.29	19	5		
5	256QAM	12	15	17.38	17.35	17.35				
5	256QAM	25	0	17.27	17.24	17.43	19	5		
5	256QAM	25	0	17.27	17.24	17.43				

Band 2 Ant 4

BW (MHz)

Modulation

RB Size

RB Offset

Power Low Ch (Frac)

Power Med Ch (Frac)

Power High Ch (Frac)

Turn-up (dB)

MPR (dB)

Channel

Frequency (MHz)

20

QPSK

1

0

17.87

18.03

17.88

19

0

20

QPSK

1

49

17.77

17.88

17.88

20

QPSK

1

98

17.67

17.88

17.88

20

QPSK

50

24

17.58

17.67

17.68

20

QPSK

100

0

17.47

17.62

17.68

20

QPSK

50

0

17.61

17.61

17.64

20

16QAM

1

0

17.67

17.62

17.67

20

16QAM

1

50

17.51

17.63

17.68

20

16QAM

1

99

17.45

17.72

17.50

20

16QAM

50

0

17.71

17.77

17.52

20

16QAM

50

50

17.62

17.85

17.68

20

16QAM

100

0

17.77

18.03

17.89

20

16QAM

50

50

17.69

17.79

17.69

20

16QAM

1

49

17.51

17.81

17.73

20

16QAM

1

99

17.61

17.72

17.77

20

16QAM

50

0

17.67

17.82

17.60

20

16QAM

50

50

17.70

17.76

17.63

20

16QAM

100

0

17.52

17.84

17.69

20

256QAM

1

0

17.69

17.63

17.63

20

256QAM

1

99

17.68

17.65

17.67

20

256QAM

50

0

17.61

17.63

17.10

20

256QAM

50

50

17.67

17.70

17.67

20

256QAM

100

0

17.60

17.60

17.64

Channel

Frequency (MHz)

1869.5

1880

1880.5

1881

1882

1882.5

15

QPSK

1

0

17.66

17.62

17.88

15

QPSK

1

49

17.59

17.74

17.88

15

QPSK

1

98

17.66

17.83

17.68

15

QPSK

36

0

17.78

17.65

17.88

15

QPSK

36

49

17.63

17.81

17.63

15

QPSK

36

99

17.62

17.54

17.68

15

QPSK

75

0

17.63

17.68

17.69

15

16QAM

1

0

17.79

17.73

17.63

15

16QAM

1

37

17.59

18.00

17.59

15

16QAM

1

94

17.50

17.70

17.59

15

16QAM

36

0

17.64

17.77

17.65

15

16QAM

36

20

17.61

17.50

17.56

15

16QAM

36

99

17.63

17.75

17.68

15

16QAM

75

0

17.64

17.84

17.63

15

16QAM

1

0

17.60

17.76

17.67

15

16QAM

1

37

17.67

17.80

17.63

15

16QAM

1

94

17.61

17.82

17.60

15

16QAM

36

0

17.58

17.69

17.56

15

16QAM

36

20

17.63

17.62

17.67

15

16QAM

36

99

17.62

17.79

17.71

15

16QAM

75

0

17.67

17.73

17.69

15

256QAM

1

0

17.63

17.61

17.62

15

256QAM

1

99

17.69

17.68

17.69

15

256QAM

50

0

17.65

18.02

18.06

15

256QAM

50

50

17.68

17.67

17.68

15

256QAM

100

0

17.61

18.06

18.01

Channel

Frequency (MHz)

1869.5

1880

1880.5

1881

1882

1882.5

Band 3 Ant 4

BW (MHz)

Modulation

RB Size

RB Offset

Power Low Ch (Frac)

Power Med Ch (Frac)

Power High Ch (Frac)

Turn-up (dB)

MPR (dB)

Channel

Frequency (MHz)

20

QPSK

1

0

18.05

18.21

18.06

20

QPSK

1

49

18.11

18.43

18.23

20

QPSK

1

98

18.01

18.33

18.13

20

QPSK

50

24

18.17

18.32

18.19

20

QPSK

100

0

18.26

18.41

18.37

20

QPSK

50

0

18.18

18.35

18.03

20

16QAM

1

0

18.18

18.41

18.27

20

16QAM

1

50

18.03

18.17

18.43

20

16QAM

1

99

18.45

18.45

18.23

20

16QAM

50

0

18.08

18.26

18.26

20

16QAM

50

50

18.20

18.30

18.17

20

16QAM

100

0

18.40

18.31

18.22

20

16QAM

50

50

18.09

18.38

18.33

20

256QAM

1

0

18.37

18.31

18.18

20

256QAM

1

99

18.36

18.36

18.26

20

256QAM

50

0

18.14

18.46

18.19

20

256QAM

50

50

18.27

18.37

18.26

20

256QAM

100

0

18.33

18.25

18.08

Channel

Frequency (MHz)

1919.5

1930

1930.5

1931

1931.5

1932

Band 5 Ant 4

BW (MHz)

Modulation

RB Size

RB Offset

Power Low Ch (Frac)

Power Med Ch (Frac)

Power High Ch (Frac)

Turn-up (dB)

MPR (dB)

Channel

Frequency (MHz)

10

QPSK

1

0

21.72

21.75

21.68

10

QPSK

1

25

21.50

21.54

21.61

10

QPSK

1

49

21.37

21.67

21.49

10

QPSK

25

Band 25 Ant 4										
BW (MHz)	Modulation	RIS Size	RIS Offset	Power Low Ch / Freq 26145	Power High Ch / Freq 26340	Power High Ch / Freq 26590	Time-up Init (sec)	MPE (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	17.92	18.07	18.06				
20	QPSK	1	49	17.77	17.84	17.83	19	0		
20	QPSK	1	99	17.68	17.84	17.87				
20	QPSK	50	0	17.95	18.05	18.01				
20	QPSK	50	24	17.69	17.84	17.88				
20	QPSK	50	50	17.79	18.00	17.87				
20	QPSK	100	0	17.83	17.88	17.91				
20	QPSK	100	24	17.80	17.88	17.91				
20	QPSK	1	49	17.72	18.05	17.86	19	0		
20	QPSK	1	99	17.61	17.91	17.88				
20	QPSK	50	0	17.80	17.91	17.92				
20	QPSK	50	24	17.83	17.97	17.73	19	0		
20	QPSK	50	50	17.81	17.92	17.77				
20	QPSK	100	0	17.75	17.94	17.86				
20	QPSK	1	0	17.68	17.89	17.88				
20	QPSK	1	49	17.73	17.92	17.72	19	0		
20	QPSK	50	0	17.69	17.97	17.69				
20	QPSK	50	24	17.82	18.03	17.88	19	0		
20	QPSK	50	50	17.84	17.95	17.88				
20	QPSK	100	0	17.68	17.85	17.88				
20	QPSK	1	49	16.97	17.00	16.92	18	1		
20	QPSK	1	99	17.06	16.94	16.96				
20	QPSK	50	0	16.85	16.96	16.97				
20	QPSK	50	24	16.94	16.88	16.79	18	1		
20	QPSK	50	50	16.97	16.90	17.01				
20	QPSK	100	0	16.87	16.90	16.91				
Channel										
Frequency (MHz)										
16	QPSK	1	0	16.93	16.98	16.97.5				
16	QPSK	1	37	17.74	18.03	17.72				
16	QPSK	1	74	17.64	17.84	17.86				
16	QPSK	36	0	17.78	17.87	17.71				
16	QPSK	36	25	17.64	17.78	17.81				
16	QPSK	36	39	17.63	17.81	17.85	19	0		
16	QPSK	75	0	17.74	17.89	17.82				
16	QPSK	1	137	17.69	17.87	17.87				
16	QPSK	1	37	17.61	17.92	17.71	19	0		
16	QPSK	36	0	17.57	17.76	17.80				
16	QPSK	36	25	17.65	17.94	17.89				
16	QPSK	36	39	17.77	17.74	17.64	19	0		
16	QPSK	75	0	17.60	17.88	17.89				
16	QPSK	1	0	17.54	17.70	17.83				
16	QPSK	1	37	17.52	17.90	17.80	19	0		
16	QPSK	1	74	17.67	17.75	17.89				
16	QPSK	36	0	17.58	17.82	17.82				
16	QPSK	36	25	17.64	17.81	17.85	21	1.7		
16	QPSK	36	39	17.62	17.84	17.73				
16	QPSK	75	0	17.62	17.84	17.73				
16	QPSK	1	137	17.62	17.84	17.73				
16	QPSK	1	37	17.09	17.02	16.81	18	1		
16	QPSK	1	74	16.90	17.06	17.08				
16	QPSK	36	0	16.88	16.96	16.96				
16	QPSK	36	25	16.96	16.96	16.90	18	1		
16	QPSK	36	39	17.00	16.92	16.98				
16	QPSK	75	0	16.96	16.96	16.93				
Channel										
Frequency (MHz)										
10	QPSK	1	0	16.88	16.94	16.96				
10	QPSK	1	25	17.78	17.64	17.66	19	0		
10	QPSK	1	49	17.64	17.77	17.81				
10	QPSK	36	0	17.77	17.63	17.64				
10	QPSK	36	25	17.66	17.69	17.65	19	0		
10	QPSK	36	39	17.62	17.80	17.82				
10	QPSK	75	0	17.66	17.80	17.88				
10	QPSK	1	0	17.76	17.71	17.69				
10	QPSK	1	26	17.70	17.96	17.73	19	0		
10	QPSK	36	0	17.76	17.88	17.88				
10	QPSK	36	25	17.70	17.93	17.79				
10	QPSK	36	39	17.68	17.88	17.88	19	0		
10	QPSK	75	0	17.73	17.93	17.79				
10	QPSK	1	0	17.56	17.88	17.68				
10	QPSK	1	24	17.71	17.91	17.83	19	0		
10	QPSK	1	49	17.65	17.80	17.70				
10	QPSK	25	0	17.56	17.91	17.62				
10	QPSK	25	12	17.62	17.88	17.86				
10	QPSK	25	25	17.50	17.74	17.79	21	1.7		
10	QPSK	50	0	17.58	17.76	17.86				
10	QPSK	50	24	17.60	17.80	17.80				
10	QPSK	50	50	17.11	17.03	16.81	18	1		
10	QPSK	1	49	16.93	16.96	16.99				
10	QPSK	25	0	16.81	16.82	16.72				
10	QPSK	25	12	16.98	16.97	16.78	18	1		
10	QPSK	25	25	17.00	16.96	16.88				
10	QPSK	50	0	16.84	17.00	16.90				
Channel										
Frequency (MHz)										
5	QPSK	1	0	17.63	17.91	17.81				
5	QPSK	1	12	17.68	17.85	17.79	19	0		
5	QPSK	1	24	17.70	17.74	17.78				
5	QPSK	12	0	17.66	17.84	17.82				
5	QPSK	12	7	17.54	17.79	17.84	19	0		
5	QPSK	12	13	17.62	17.82	17.89				
5	QPSK	25	0	17.68	17.86	17.89				
5	QPSK	1	0	17.64	17.74	17.71				
5	QPSK	1	12	17.71	18.03	17.78	19	0		
5	QPSK	1	24	17.69	17.74	17.76				
5	QPSK	12	0	17.62	17.88	17.83				
5	QPSK	12	7	17.62	17.88	17.83	19	0		
5	QPSK	12	13	17.61	17.88	17.86				
5	QPSK	25	0	17.64	17.82	17.73				
5	QPSK	1	0	17.59	17.74	17.78				
5	QPSK	1	12	17.63	17.71	17.80	19	0		
5	QPSK	1	24	17.61	17.86	17.84				
5	QPSK	12	0	17.55	17.95	17.66				
5	QPSK	12	7	17.77	17.95	17.89				
5	QPSK	12	13	17.51	17.74	17.78	21	1.7		
5	QPSK	25	0	17.68	17.79	17.88				
5	QPSK	25	12	17.11	16.87	16.81	19	0		
5	QPSK	1	12	17.14	17.03	16.83				
5	QPSK	1	24	16.93	16.95	16.97				
5	QPSK	12	0	16.80	16.85	16.81				
5	QPSK	12	7	16.98	16.96	16.80	18	1		
5	QPSK	12	13	16.79	16.92	17.03				
5	QPSK	25	0	16.93	17.15	16.81				
Channel										
Frequency (MHz)										
3	QPSK	1	0	17.65	17.80	17.75				
3	QPSK	1	8	17.67	17.78	17.66	19	0		
3	QPSK	1	14	17.67	17.88	17.84				
3	QPSK	8	0	17.61	17.84	17.82				
3	QPSK	8	4	17.50	17.82	17.82	19	0		
3	QPSK	8	7	17.60	17.98	17.82				
3	QPSK	15	0	17.56	17.77	17.84				
3	QPSK	1	0	17.69	17.89	17.83				
3	QPSK	1	8	17.65	17.96	17.82	19	0		
3	QPSK	1	14	17.63	17.88	17.86				
3	QPSK	8	0	17.78	17.97	17.88	19	0		
3	QPSK	8	4	17.63	17.87	17.88				
3	QPSK	8	7	17.59	17.80	17.88				
3	QPSK	15	0	17.68	17.84	17.87				
3	QPSK	1	0	17.67	17.78	17.77				
3	QPSK	1	8	17.63	17.74	17.71	19	0		
3	QPSK	1	14	17.64	17.87	17.75				
3	QPSK	8	0	17.62	17.96	17.83				
3	QPSK	8	4	17.78	17.91	17.73	19	0		
3	QPSK	8	7	17.68	17.91	17.86				
3	QPSK	15	0	17.52	17.80	17.88				
3	QPSK	1	0	16.87	17.03	16.83	18	1		
3	QPSK	1	8	17.14	17.09	16.91				
3	QPSK	1	14	16.90	16.96	16.97				
3	QPSK	8	0	16.93	16.91	17.12				
3	QPSK	8	4	16.91	16.85	16.82	18	1		
3	QPSK	8	7	17.00	16.98	16.89				
3	QPSK	15	0	16.86	17.05	16.82				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	16.93	16.98	16.97.5				
1.4	QPSK	1	8	17.67	17.79	17.66	19	0		
1.4	QPSK	1	14	17.67	17.88	17.84				
1.4	QPSK	1	5	17.63	17.86	17.86	19	0		
1.4	QPSK	3	0	17.84	17.91	17.79				
1.4	QPSK	3	5	17.85	17.92	17.80				
1.4	QPSK	3	3	17.82	17.88	17.84				
1.4	QPSK	3	8	17.82	17.88	17.84				
1.4	QPSK	3	13	17.82	17.88	17.84				
1.4	QPSK	3	18	17.82	17.88	17.84				
1.4	QPSK	3	23	17.82	17.88	17.84				
1.4	QPSK	3	28	17.82	17.88	17.84				
1.4	QPSK	3	33	17.82	17.88	17.84				
1.4	QPSK	3	38	17.82	17.88	17.84				
1.4	QPSK	3	43	17.82	17.88	17.84				
1.4	QPSK	3	48	17.82	17.88	17.84				
1.4	QPSK	3	53	17.82	1					

Band 38 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37650	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	18.21	18.26	18.17		19.1	0
20	QPSK	1	49	18.12	18.01	18.22			
20	QPSK	1	99	18.18	17.77	18.11			
20	QPSK	50	0	18.17	18.25	18.14			
20	QPSK	50	24	17.85	17.81	18.15		19.1	0
20	QPSK	50	50	17.92	17.81	18.20			
20	QPSK	100	0	17.99	18.09	18.00			
20	16QAM	1	0	17.96	17.81	18.00		19.1	0
20	16QAM	1	49	17.98	17.81	18.03			
20	16QAM	1	99	17.91	18.09	18.19			
20	16QAM	50	0	18.10	17.81	18.12			
20	16QAM	50	24	17.95	17.98	18.12		19.1	0
20	16QAM	50	50	17.90	17.90	18.09			
20	16QAM	100	0	18.09	17.96	18.08			
20	64QAM	1	0	17.87	18.05	18.10		19.1	0
20	64QAM	1	49	18.18	17.78	17.89			
20	64QAM	1	99	18.03	18.01	17.92			
20	64QAM	50	0	18.06	17.93	18.15			
20	64QAM	50	24	18.12	17.89	18.02		19.1	0
20	64QAM	50	50	18.11	17.94	18.24			
20	64QAM	100	0	18.13	17.71	18.16			
20	256QAM	1	0	17.49	17.61	17.45		19	0.1
20	256QAM	1	49	17.58	17.72	17.37			
20	256QAM	1	99	17.50	17.66	17.57			
20	256QAM	50	0	17.36	17.58	17.49		19	0.1
20	256QAM	50	24	17.40	17.60	17.49			
20	256QAM	50	50	17.55	17.78	17.43			
20	256QAM	100	0	17.51	17.72	17.51			
Channel				37625	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	18.18	18.06	18.10		19.1	0
15	QPSK	1	37	17.99	18.01	18.09			
15	QPSK	1	74	18.14	17.83	18.16			
15	QPSK	36	0	17.95	17.99	18.18			
15	QPSK	36	20	17.81	17.84	18.12		19.1	0
15	QPSK	36	39	17.98	17.92	18.18			
15	QPSK	75	0	17.98	17.78	18.10			
15	16QAM	1	0	18.02	17.98	18.10		19.1	0
15	16QAM	1	37	18.12	17.83	17.99			
15	16QAM	1	74	18.09	17.95	18.22			
15	16QAM	36	0	18.00	17.92	18.15			
15	16QAM	36	20	17.90	17.90	18.19		19.1	0
15	16QAM	36	39	17.94	17.85	18.04			
15	16QAM	75	0	17.89	17.92	18.09			
15	64QAM	1	0	17.97	18.02	18.19		19.1	0
15	64QAM	1	37	18.05	17.88	18.06			
15	64QAM	1	74	17.98	18.00	18.00			
15	64QAM	36	0	17.91	17.96	18.17			
15	64QAM	36	20	18.18	17.93	18.06		19.1	0
15	64QAM	36	39	17.95	17.96	18.21			
15	64QAM	75	0	18.01	17.73	18.05			
15	256QAM	1	0	17.34	17.52	17.32		19	0.1
15	256QAM	1	37	17.49	17.61	17.36			
15	256QAM	1	74	17.42	17.56	17.40			
15	256QAM	36	0	17.44	17.54	17.36		19	0.1
15	256QAM	36	20	17.31	17.45	17.49			
15	256QAM	36	39	17.49	17.79	17.43			
15	256QAM	75	0	17.46	17.72	17.35			
Channel				37600	38000	38200			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	18.12	17.99	18.22		19.1	0
10	QPSK	1	25	18.02	18.19	18.24			
10	QPSK	1	49	18.10	18.06	18.25			
10	QPSK	25	0	18.10	17.93	18.13		19.1	0
10	QPSK	25	12	17.92	17.91	18.13			
10	QPSK	25	25	17.96	17.85	18.11			
10	QPSK	50	0	17.97	17.96	18.18			
10	16QAM	1	0	17.85	17.94	18.00		19.1	0
10	16QAM	1	25	17.98	17.81	17.97			
10	16QAM	1	49	17.90	18.01	18.10			
10	16QAM	25	0	17.97	17.80	18.02		19.1	0
10	16QAM	25	12	18.02	17.87	18.10			
10	16QAM	25	25	17.90	17.83	18.05			
10	16QAM	50	0	18.05	17.88	18.24			
10	64QAM	1	0	17.86	17.80	18.07		19.1	0
10	64QAM	1	25	18.08	17.72	18.06			
10	64QAM	1	49	17.85	17.94	17.97			
10	64QAM	25	0	17.85	17.91	18.10			
10	64QAM	25	12	18.02	18.05	18.21		19.1	0
10	64QAM	25	25	17.99	17.89	18.11			
10	64QAM	50	0	17.99	17.83	18.08			
10	256QAM	1	0	17.39	17.42	17.26		19	0.1
10	256QAM	1	25	17.43	17.71	17.30			
10	256QAM	1	49	17.48	17.52	17.47			
10	256QAM	25	0	17.38	17.60	17.37		19	0.1
10	256QAM	25	12	17.21	17.57	17.38			
10	256QAM	25	25	17.52	17.68	17.34			
10	256QAM	50	0	17.48	17.70	17.35			
Channel				37775	38000	38225			
Frequency (MHz)				2592.5	2595	2617.5			
5	QPSK	1	0	18.03	17.67	18.22		19.1	0
5	QPSK	1	12	18.12	18.01	18.16			
5	QPSK	1	24	18.07	17.87	18.18			
5	QPSK	12	0	17.91	17.91	18.20			
5	QPSK	12	7	17.89	17.86	18.07		19.1	0
5	QPSK	12	13	17.96	17.77	18.20			
5	QPSK	25	0	18.05	17.77	18.01			
5	16QAM	1	0	17.91	18.04	17.95		19.1	0
5	16QAM	1	12	18.17	17.79	17.94			
5	16QAM	1	24	18.00	18.11	18.23			
5	16QAM	12	0	18.10	17.86	18.05		19.1	0
5	16QAM	12	7	17.86	18.06	18.23			
5	16QAM	12	13	17.85	17.89	18.08			
5	16QAM	25	0	18.04	18.04	18.18			
5	64QAM	1	0	17.84	18.06	18.23		19.1	0
5	64QAM	1	12	18.25	17.81	17.94			
5	64QAM	1	24	17.87	17.86	18.08			
5	64QAM	12	0	17.99	18.00	18.17			
5	64QAM	12	7	18.07	18.03	18.21		19.1	0
5	64QAM	12	13	17.99	18.00	18.19			
5	64QAM	25	0	18.01	17.83	17.97			
5	256QAM	1	0	17.27	17.59	17.47		19	0.1
5	256QAM	1	12	17.52	17.62	17.28			
5	256QAM	1	24	17.38	17.45	17.57			
5	256QAM	12	0	17.35	17.42	17.50		19	0.1
5	256QAM	12	7	17.27	17.57	17.40			
5	256QAM	12	13	17.35	17.67	17.30			
5	256QAM	25	0	17.38	17.57	17.47			

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 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	18.23	18.25	18.32	18.27	18.31	19.1	0		
20	QPSK	1	49	18.17	18.04	18.28	18.01	18.12				
20	QPSK	1	99	18.19	17.91	18.23	18.12	18.13				
20	QPSK	50	0	18.21	18.23	18.28	18.19	18.21	19.1	0		
20	QPSK	50	24	18.03	17.97	18.04	18.13	18.20				
20	QPSK	50	50	18.09	17.93	18.05	18.11	18.09				
20	QPSK	100	0	18.07	18.12	18.22	18.07	18.13	19.1	0		
20	16QAM	1	0	18.07	18.04	18.16	17.96	18.21				
20	16QAM	1	49	18.16	18.01	18.16	18.02	18.27				
20	16QAM	1	99	18.12	18.11	18.25	17.99	18.25	19.1	0		
20	16QAM	50	0	18.15	17.96	18.15	18.10	18.10				
20	16QAM	50	24	18.08	18.09	18.29	18.03	18.18				
20	16QAM	50	50	18.03	18.02	18.18	18.02	18.19	19.1	0		
20	16QAM	100	0	18.09	18.03	18.28	18.04	18.11				
20	64QAM	1	0	18.05	18.11	18.23	18.18	18.15				
20	64QAM	1	49	18.24	17.92	18.11	18.08	18.27	19.1	0		
20	64QAM	1	99	18.06	18.05	18.12	18.06	18.15				
20	64QAM	50	0	18.04	18.05	18.20	18.17	18.15				
20	64QAM	50	24	18.21	18.08	18.22	18.08	18.28	19.1	0		
20	64QAM	50	50	18.10	18.03	18.29	17.97	18.31				
20	64QAM	100	0	18.14	17.92	18.18	18.17	18.17				
20	256QAM	1	0	17.50	17.44	17.51	17.54	17.51	19	0.1		
20	256QAM	1	49	17.47	17.44	17.59	17.54	17.52				
20	256QAM	1	99	17.49	17.42	17.56	17.54	17.47				
20	256QAM	50	0	17.48	17.39	17.58	17.56	17.47	19	0.1		
20	256QAM	50	24	17.46	17.23	17.66	17.58	17.44				
20	256QAM	50	50	17.57	17.36	17.57	17.66	17.41				
20	256QAM	100	0	17.57	17.36	17.56	17.43	17.41	19	0.1		
Channel				39725 <th>40173<th>40603<th>41068<th>41515<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th></th></th>	40173 <th>40603<th>41068<th>41515<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th></th>	40603 <th>41068<th>41515<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th>	41068 <th>41515<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th>	41515 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5 <th>2548.3<th>2593<th>2637.8<th>2682.5<th></th><th></th></th></th></th></th>	2548.3 <th>2593<th>2637.8<th>2682.5<th></th><th></th></th></th></th>	2593 <th>2637.8<th>2682.5<th></th><th></th></th></th>	2637.8 <th>2682.5<th></th><th></th></th>	2682.5 <th></th> <th></th>				
15	QPSK	1	0	18.22	17.94	18.25	18.17	18.13	19	0		
15	QPSK	1	37	18.05	17.83	18.18	17.97	18.07				
15	QPSK	1	74	18.12	17.83	18.20	17.96	18.04				
15	QPSK	36	0	17.91	17.98	18.03	17.92	18.04	19.1	0		
15	QPSK	36	20	17.98	17.78	18.25	18.13	18.01				
15	QPSK	36	39	18.07	17.88	18.17	18.09	18.00				
15	QPSK	75	0	17.90	17.98	18.21	18.01	18.05	19.1	0		
15	16QAM	1	0	17.92	17.86	18.08	17.90	18.20				
15	16QAM	1	37	18.04	17.84	18.18	17.91	18.23				
15	16QAM	1	74	17.94	18.11	18.12	17.82	18.19	19.1	0		
15	16QAM	36	0	18.16	17.84	18.00	17.93	18.03				
15	16QAM	36	20	18.08	18.02	18.17	17.87	18.21				
15	16QAM	36	39	18.02	18.01	18.20	17.81	18.00	19.1	0		
15	16QAM	75	0	18.03	17.85	18.08	18.03	18.05				
15	64QAM	1	0	18.04	17.85	18.06	18.10	17.95				
15	64QAM	1	37	18.06	17.93	18.00	17.88	18.22	19.1	0		
15	64QAM	1	74	17.96	17.85	18.10	18.02	18.09				
15	64QAM	36	0	17.92	18.02	18.00	18.06	17.94				
15	64QAM	36	20	18.05	18.07	18.08	17.86	18.16	19.1	0		
15	64QAM	36	39	18.06	17.84	18.29	17.98	18.12				
15	64QAM	75	0	17.97	17.73	18.09	18.12	18.08				
15	256QAM	1	0	17.33	17.37	17.41	17.43	17.36	19	0.1		
15	256QAM	1	37	17.27	17.44	17.42	17.36	17.43				
15	256QAM	1	74	17.50	17.41	17.39	17.56	17.45				
15	256QAM	36	0	17.43	17.39	17.37	17.53	17.40	19	0.1		
15	256QAM	36	20	17.34	17.10	17.45	17.53	17.40				
15	256QAM	36	39	17.40	17.23	17.29	17.31	17.35				
15	256QAM	75	0	17.58	17.23	17.44	17.30	17.27	19	0.1		
Channel				39700 <th>40160<th>40620<th>41080<th>41540<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th></th></th>	40160 <th>40620<th>41080<th>41540<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th></th>	40620 <th>41080<th>41540<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th>	41080 <th>41540<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th>	41540 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501 <th>2547<th>2593<th>2639<th>2685<th></th><th></th></th></th></th></th>	2547 <th>2593<th>2639<th>2685<th></th><th></th></th></th></th>	2593 <th>2639<th>2685<th></th><th></th></th></th>	2639 <th>2685<th></th><th></th></th>	2685 <th></th> <th></th>				
10	QPSK	1	0	18.20	18.21	18.31	18.26	18.10	19.1	0		
10	QPSK	1	25	18.13	17.92	18.29	17.84	17.93				
10	QPSK	1	49	18.14	17.86	18.16	17.95	18.08				
10	QPSK	25	0	17.92	17.91	18.08	17.98	18.13	19.1	0		
10	QPSK	25	12	17.83	17.88	18.22	18.00	18.16				
10	QPSK	25	25	17.88	17.93	18.23	18.06	17.88				
10	QPSK	50	0	17.90	17.85	18.06	17.86	18.07	19.1	0		
10	16QAM	1	0	18.00	17.89	18.09	17.91	18.30				
10	16QAM	1	25	18.00	18.02	18.07	17.90	18.05				
10	16QAM	1	49	17.99	17.92	18.27	17.90	18.15	19.1	0		
10	16QAM	25	0	17.99	17.77	18.13	18.04	18.08				
10	16QAM	25	12	17.88	17.93	18.20	17.96	18.11				
10	16QAM	25	25	17.98	17.85	18.07	18.17	17.99	19.1	0		
10	16QAM	50	0	17.97	17.91	18.20	17.83	18.16				
10	64QAM	1	0	17.92	18.02	18.21	17.99	18.16				
10	64QAM	1	25	18.20	17.83	18.13	17.95	18.18	19.1	0		
10	64QAM	1	49	18.02	17.96	17.98	17.85	18.08				
10	64QAM	1	74	17.83	17.91	18.18	18.15	17.93				
10	64QAM	25	12	18.08	17.93	18.11	18.05	18.09	19.1	0		
10	64QAM	25	25	17.88	17.84	18.17	17.85	18.19				
10	64QAM	50	0	18.06	17.87	17.98	17.97	18.08				
10	256QAM	1	0	17.31	17.40	17.38	17.44	17.47	19	0.1		
10	256QAM	1	25	17.33	17.30	17.46	17.51	17.43				
10	256QAM	1	49	17.32	17.38	17.37	17.53	17.34				
10	256QAM	25	0	17.30	17.37	17.56	17.40	17.38	19	0.1		
10	256QAM	25	12	17.32	17.08	17.54	17.51	17.40				
10	256QAM	25	25	17.35	17.21	17.51	17.28	17.44				
10	256QAM	50	0	17.55	17.19	17.57	17.32	17.38	19	0.1		
Channel				39715 <th>40168<th>40620<th>41083<th>41545<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th></th></th>	40168 <th>40620<th>41083<th>41545<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th></th>	40620 <th>41083<th>41545<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th>	41083 <th>41545<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th>	41545 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5 <th>2545.8<th>2593<th>2640.30<th>2687.5<th></th><th></th></th></th></th></th>	2545.8 <th>2593<th>2640.30<th>2687.5<th></th><th></th></th></th></th>	2593 <th>2640.30<th>2687.5<th></th><th></th></th></th>	2640.30 <th>2687.5<th></th><th></th></th>	2687.5 <th></th> <th></th>				
5	QPSK	1	0	18.17	18.02	18.23	18.01	18.12	19	0		
5	QPSK	1	12	18.03	18.00	18.07	17.80	18.09				
5	QPSK	1	24	18.21	17.85	18.07	18.03	18.05				
5	QPSK	12	0	17.95	17.98	18.22	17.98	18.09	19.1	0		
5	QPSK	12	7	17.82	17.85	18.25	17.92	18.18				
5	QPSK	12	13	17.97	17.80	18.17	18.04	17.96				
5	QPSK	25	0	18.00	17.81	18.08	18.01	18.11	19.1	0		
5	16QAM	1	0	18.08	17.98	18.17	17.88	18.28				
5	16QAM	1	12	18.17	17.90	17.98	17.96	18.10				
5	16QAM	1	24	18.10	17.92	18.27	17.96	18.25	19.1	0		
5	16QAM	12	0	18.01	17.78	18.05	17.99	17.99				
5	16QAM	12	7	17.99	17.94	18.28	18.01	17.97				
5	16QAM	12	13	17.90	17.95	18.11	17.81	18.01	19.1	0		
5	16QAM	25	0	18.07	17.83	18.25	17.99	18.19				
5	64QAM	1	0	17.99	17.93	18.16	18.04	18.02				
5	64QAM	1	12	18.12	17.75	18.09	17.97	18.08	19.1	0		
5	64QAM	1	24	17.86	17.85	17.99	17.86	18.15				
5	64QAM	12	0	17.90	18.07	18.07	18.10	18.14				
5	64QAM	12	7	18.18	17.97	18.15	18.06	18.12	19.1	0		
5	64QAM	12	13	18.03	17.97	18.22	17.90	18.16				
5	64QAM	25	0	18.05	17.84	18.01	18.09	17.95				
5	256QAM	1	0	17.28	17.44	17.34	17.56	17.28	19	0.1		
5	256QAM	1	12	17.35	17.38	17.48	17.41	17.50				
5	256QAM	1	24	17.48	17.36	17.56	17.47	17.33				
5	256QAM	12	0	17.31	17.18	17.39	17.42	17.34	19	0.1		
5	256QAM	12	7	17.44	17.28	17.48	17.41	17.34				
5	256QAM	12	13	17.37	17.26	17.88	17.38	17.31				

Band 42 FCC Part27Q 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				42190	42590	42990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	17.31	17.37	17.28	18.1	0	
20	QPSK	1	49	17.33	17.34	17.06			
20	QPSK	1	99	17.18	17.17	17.24			
20	QPSK	50	0	17.28	17.32	17.29	18.1	0	
20	QPSK	50	24	17.09	17.31	17.16			
20	QPSK	50	50	17.26	17.19	17.08			
20	QPSK	100	0	17.21	17.24	17.19	18.1	0	
20	16QAM	1	0	17.23	17.32	17.16			
20	16QAM	1	49	17.19	17.33	17.05			
20	16QAM	1	99	17.29	17.34	17.15	18.1	0	
20	16QAM	50	0	17.31	17.33	17.17			
20	16QAM	50	24	17.26	17.32	17.07			
20	16QAM	50	50	17.30	17.24	17.09	18.1	0	
20	16QAM	100	0	17.20	17.31	17.20			
20	64QAM	1	0	17.15	17.17	17.01			
20	64QAM	1	49	17.19	17.28	17.18	18.1	0	
20	64QAM	1	99	17.28	17.21	17.13			
20	64QAM	50	0	17.16	17.26	17.11			
20	64QAM	50	24	17.30	17.23	17.10	18.1	0	
20	64QAM	50	50	17.29	17.36	17.25			
20	64QAM	100	0	17.23	17.20	17.04			
20	256QAM	1	0	17.17	17.20	17.05	18.1	0	
20	256QAM	1	49	17.26	17.22	17.19			
20	256QAM	1	99	17.12	17.29	17.03			
20	256QAM	50	0	17.24	17.19	17.24	18.1	0	
20	256QAM	50	24	17.16	17.22	17.18			
20	256QAM	50	50	17.15	17.20	17.03			
20	256QAM	100	0	17.17	17.24	17.13	Tune-up limit (dBm)	MPR (dB)	
Channel				42165	42590	43015			
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	17.15	17.23	17.07	18.1	0	
15	QPSK	1	37	17.26	17.24	16.95			
15	QPSK	1	74	17.14	17.14	17.19			
15	QPSK	36	0	16.94	17.19	16.94	18.1	0	
15	QPSK	36	20	17.07	17.34	17.14			
15	QPSK	36	39	17.06	17.08	16.99			
15	QPSK	75	0	17.11	17.05	17.19	18.1	0	
15	16QAM	1	0	17.24	17.10	17.14			
15	16QAM	1	37	17.13	17.16	16.93			
15	16QAM	1	74	17.19	17.29	17.00	18.1	0	
15	16QAM	36	0	17.14	17.24	17.11			
15	16QAM	36	20	17.10	17.18	17.05			
15	16QAM	36	39	17.09	17.15	17.03	18.1	0	
15	16QAM	75	0	17.16	17.32	17.07			
15	64QAM	1	0	17.14	17.11	17.00			
15	64QAM	1	37	17.12	17.06	17.15	18.1	0	
15	64QAM	1	74	17.20	17.09	16.98			
15	64QAM	36	0	17.16	17.28	17.12			
15	64QAM	36	20	17.13	17.18	17.09	18.1	0	
15	64QAM	36	39	17.27	17.31	17.12			
15	64QAM	75	0	17.05	17.07	16.84			
15	256QAM	1	0	17.06	17.15	16.85	18.1	0	
15	256QAM	1	37	17.05	17.13	17.01			
15	256QAM	1	74	17.03	17.11	16.90			
15	256QAM	36	0	17.09	17.06	17.08	18.1	0	
15	256QAM	36	20	17.00	17.16	17.06			
15	256QAM	36	39	17.13	17.26	16.99			
15	256QAM	75	0	16.97	17.15	16.97	Tune-up limit (dBm)	MPR (dB)	
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	17.20	17.29	17.07	18.1	0	
10	QPSK	1	25	17.19	17.23	17.08			
10	QPSK	1	49	17.02	17.04	17.16			
10	QPSK	25	0	17.04	17.05	16.95	18.1	0	
10	QPSK	25	12	17.05	17.30	17.02			
10	QPSK	25	25	17.25	17.15	16.98			
10	QPSK	50	0	16.98	17.07	17.04	18.1	0	
10	16QAM	1	0	17.08	17.13	17.07			
10	16QAM	1	25	16.98	17.28	16.97			
10	16QAM	1	49	17.17	17.13	17.09	18.1	0	
10	16QAM	25	0	17.33	17.24	17.02			
10	16QAM	25	12	17.19	17.20	17.05			
10	16QAM	25	25	17.17	17.08	16.95	18.1	0	
10	16QAM	50	0	16.99	17.30	17.11			
10	64QAM	1	0	17.09	17.01	16.87			
10	64QAM	1	25	17.06	17.28	17.09	18.1	0	
10	64QAM	1	49	17.28	17.09	16.99			
10	64QAM	25	0	16.99	17.20	17.02			
10	64QAM	25	12	17.20	17.16	16.98	18.1	0	
10	64QAM	25	25	17.15	17.30	17.20			
10	64QAM	50	0	17.13	17.00	16.98			
10	256QAM	1	0	17.15	17.05	16.84	18.1	0	
10	256QAM	1	25	17.15	17.13	17.13			
10	256QAM	1	49	17.04	17.31	17.03			
10	256QAM	25	0	17.24	17.09	17.18	18.1	0	
10	256QAM	25	12	17.17	17.10	17.08			
10	256QAM	25	25	16.95	17.34	16.90			
10	256QAM	50	0	16.99	17.18	17.10	Tune-up limit (dBm)	MPR (dB)	
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	17.19	17.30	17.14	18.1	0	
5	QPSK	1	12	17.22	17.24	17.04			
5	QPSK	1	24	17.20	16.96	17.22			
5	QPSK	12	0	16.97	17.14	16.98	18.1	0	
5	QPSK	12	7	17.02	17.18	17.12			
5	QPSK	12	13	17.12	17.06	16.93			
5	QPSK	25	0	17.12	17.03	17.20	18.1	0	
5	16QAM	1	0	17.03	17.14	17.14			
5	16QAM	1	12	16.98	17.19	17.01			
5	16QAM	1	24	17.12	17.21	17.17	18.1	0	
5	16QAM	12	0	17.23	17.22	16.98			
5	16QAM	12	7	17.07	17.13	17.06			
5	16QAM	12	13	17.09	17.25	16.91	18.1	0	
5	16QAM	25	0	17.10	17.21	17.01			
5	64QAM	1	0	16.96	16.96	16.81			
5	64QAM	1	12	17.07	17.09	17.20	18.1	0	
5	64QAM	1	24	17.24	17.15	17.10			
5	64QAM	12	0	16.96	17.11	17.08			
5	64QAM	12	7	17.27	17.05	17.02	18.1	0	
5	64QAM	12	13	17.11	17.23	17.13			
5	64QAM	25	0	17.24	17.02	16.87			
5	256QAM	1	0	17.12	17.19	16.90	18.1	0	
5	256QAM	1	12	17.27	17.10	17.21			
5	256QAM	1	24	16.96	17.30	16.90			
5	256QAM	12	0	17.07	17.14	17.17	18.1	0	
5	256QAM	12	7	17.09	17.06	17.11			
5	256QAM	12	13	17.13	17.16	16.90			
5	256QAM	25	0	16.97	17.11	17.03			

Reduced Power Mode for DSI6

GSM850 Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
Tx Channel	Frequency (MHz)	161	161	251		161	161	251	
		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.75	32.84	32.78	33.50	23.75	23.84	23.78	24.50
GPRS 1 Tx slot		32.72	32.81	32.76	33.50	23.72	23.81	23.76	24.50
GPRS 2 Tx slots		29.53	29.31	29.55	30.50	23.53	23.31	23.55	24.50
GPRS 3 Tx slots		27.72	27.53	27.50	28.50	23.48	23.27	23.24	24.24
GPRS 4 Tx slots		26.41	26.38	26.30	27.50	23.41	23.38	23.30	24.50
EDGE 1 Tx slot		26.76	26.71	26.73	27.50	17.76	17.71	17.73	18.50
EDGE 2 Tx slots		23.39	23.32	23.35	26.50	19.39	19.32	19.35	20.50
EDGE 3 Tx slots		23.86	23.66	23.70	24.50	19.60	19.40	19.44	20.24
EDGE 4 Tx slots		21.64	21.65	21.54	22.50	18.64	18.65	18.54	19.50

Band		WCDMA V Ant 0			Tune-up Limit (dBm)
Tx Channel	Rx Channel	4132	4182	4233	
		4357	4407	4458	
	Frequency (MHz)	824.2	836.4	848.8	
3GPP Rel 99	AMR 12.2Kbps	22.95	22.95	22.75	24.00
3GPP Rel 99	RMTC 12.2Kbps	22.95	23.03	22.98	24.00
3GPP Rel 6	HSDPA Subtest-1	22.05	22.00	21.90	23.00
3GPP Rel 6	HSDPA Subtest-2	22.01	21.96	21.99	23.00
3GPP Rel 6	HSDPA Subtest-3	21.53	21.58	21.52	22.50
3GPP Rel 6	HSDPA Subtest-4	21.47	21.48	21.52	22.50
3GPP Rel 8	DCHSDPA Subtest-1	22.02	21.95	22.03	23.00
3GPP Rel 8	DCHSDPA Subtest-2	22.04	22.04	21.92	23.00
3GPP Rel 8	DCHSDPA Subtest-3	21.50	21.48	21.37	22.50
3GPP Rel 8	DCHSDPA Subtest-4	21.37	21.62	21.48	22.50
3GPP Rel 6	HSPA Subtest-1	21.93	22.02	22.03	23.00
3GPP Rel 6	HSPA Subtest-2	20.05	19.97	19.86	21.00
3GPP Rel 6	HSPA Subtest-3	21.05	20.94	20.85	22.00
3GPP Rel 6	HSPA Subtest-4	19.84	20.12	20.03	21.00
3GPP Rel 6	HSPA Subtest-5	21.85	22.14	21.86	23.00

Band 5 Ant 0										
RF (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power High Ch. / Freq.	Tune-up (ms)	MFR (dB)	
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.83	22.94	22.88				
10	QPSK	1	25	22.65	22.90	22.89		24	0	
10	QPSK	1	50	22.79	22.92	22.90				
10	QPSK	25	0	21.88	22.07	22.00				
10	QPSK	25	12	22.03	21.85	21.87				
10	QPSK	25	25	22.06	21.97	21.86				
10	QPSK	50	0	21.84	22.03	22.01		23	1	
10	16QAM	1	0	21.95	22.02	21.89				
10	16QAM	1	25	21.92	21.86	21.99				1
10	16QAM	1	49	22.05	21.95	22.03				
10	16QAM	25	12	21.92	21.82	21.90				
10	16QAM	25	25	21.90	21.85	21.95				
10	16QAM	25	25	21.03	20.86	20.86		22	2	
10	16QAM	50	0	20.95	20.84	21.01				
10	16QAM	1	0	20.95	20.94	20.87				
10	16QAM	1	25	20.95	20.90	20.88		22	2	
10	64QAM	1	49	21.08	20.90	20.88				
10	64QAM	25	0	19.93	19.90	19.84				
10	64QAM	25	12	19.87	19.92	20.03		21	3	
10	64QAM	25	24	19.84	19.94	19.92				
10	64QAM	50	0	19.93	19.89	19.91				
10	256QAM	1	0	18.07	18.02	17.98				
10	256QAM	1	25	18.09	18.03	18.05		19	5	
10	256QAM	1	49	18.03	18.01	18.08				
10	256QAM	25	0	17.89	17.97	17.99				
10	256QAM	25	12	18.11	17.91	18.05		19	5	
10	256QAM	25	25	17.82	17.83	17.86				
10	256QAM	50	0	18.03	18.07	17.97				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.66	22.85	22.76				
5	QPSK	1	12	22.52	22.90	22.72		24	0	
5	QPSK	1	24	22.65	22.82	22.83				
5	QPSK	12	0	21.90	22.02	21.99				
5	QPSK	12	7	22.00	21.83	21.87		23	1	
5	QPSK	12	13	22.04	21.90	21.82				
5	QPSK	12	19	21.90	21.81	21.78				
5	16QAM	1	0	21.96	21.86	21.81				
5	16QAM	1	12	21.81	21.78	21.83		23	1	
5	16QAM	1	24	21.86	21.76	21.99				
5	16QAM	12	0	20.90	20.82	20.87				
5	16QAM	12	7	21.02	20.80	20.87		22	2	
5	16QAM	12	13	20.85	20.89	20.87				
5	16QAM	25	0	20.73	20.85	20.90				
5	64QAM	1	0	20.84	20.92	20.95				
5	64QAM	1	12	20.79	20.72	20.82		22	2	
5	64QAM	1	24	20.98	20.88	20.90				
5	64QAM	12	0	19.88	19.74	19.84				
5	64QAM	12	13	19.82	19.71	19.79		21	3	
5	64QAM	12	13	19.94	19.94	19.77				
5	64QAM	25	0	19.94	19.71	19.71				</

Band 12 Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up time (s)	MRR (dB)		
Channel				23005	23175	23355				
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	22.82	23.02	22.80				
10	QPSK	1	25	22.65	22.81	22.77	24	0		
10	QPSK	1	49	22.69	22.82	22.76				
10	QPSK	25	3	21.91	22.07	22.01				
10	QPSK	25	12	21.99	21.87	21.99				
10	QPSK	25	25	21.94	21.86	22.03				
10	QPSK	50	0	21.97	22.03	21.86				
10	16QAM	1	0	22.06	22.17	22.00				
10	16QAM	1	25	21.86	21.98	22.09	23	1		
10	16QAM	1	49	21.96	21.96	22.01				
10	16QAM	25	0	20.71	20.83	20.84				
10	16QAM	25	12	20.80	20.80	20.81	22	2		
10	16QAM	25	25	20.68	20.79	20.63				
10	16QAM	50	0	20.78	20.82	20.86				
10	64QAM	1	0	20.65	20.67	20.63				
10	64QAM	1	25	20.72	20.72	20.72	22	2		
10	64QAM	1	49	20.65	20.65	20.79				
10	64QAM	25	0	19.81	19.72	19.75				
10	64QAM	25	12	18.85	19.70	19.90	21	3		
10	64QAM	25	25	18.65	19.87	19.72				
10	64QAM	50	0	19.91	19.90	19.71				
10	256QAM	1	0	17.77	17.88	17.83				
10	256QAM	1	25	17.77	17.78	17.89	19	5		
10	256QAM	1	49	17.80	17.82	17.70				
10	256QAM	25	0	17.68	17.69	17.80				
10	256QAM	25	12	17.67	17.79	17.70				
10	256QAM	25	25	17.69	17.81	17.85				
10	256QAM	50	0	17.70	17.86	17.85				
Channel				23035	23095	23165	Turn-up time (s)	MRR (dB)		
Frequency (MHz)				705.5	707.5	713.5				
5	QPSK	1	0	22.68	22.95	22.76				
5	QPSK	1	12	22.66	22.68	22.62				
5	QPSK	1	25	22.48	22.40	22.74	24	0		
5	QPSK	12	0	21.71	22.04	22.02				
5	QPSK	12	7	21.85	21.68	21.96				
5	QPSK	12	13	21.80	21.62	21.84	23	1		
5	QPSK	12	25	21.98	21.21	21.72				
5	16QAM	1	0	22.09	21.88	21.95				
5	16QAM	1	12	21.70	21.93	21.94	23	1		
5	16QAM	1	24	21.76	21.82	21.80				
5	16QAM	1	49	20.99	20.20	20.79				
5	16QAM	12	7	20.80	20.54	20.76				
5	16QAM	12	13	20.53	20.78	20.47				
5	16QAM	25	0	20.64	20.65	20.81				
5	64QAM	1	0	20.67	20.49	20.78				
5	64QAM	1	12	20.53	20.20	20.77	22	2		
5	64QAM	1	24	20.47	20.48	20.70				
5	64QAM	12	0	19.75	19.57	19.62				
5	64QAM	12	7	19.86	19.50	19.77	19	3		
5	64QAM	12	13	19.89	19.69	19.65				
5	64QAM	25	0	19.59	19.70	19.65				
5	256QAM	1	0	17.55	17.86	17.75				
5	256QAM	1	12	17.58	17.67	17.67	19	5		
5	256QAM	1	25	17.67	17.72	17.65				
5	256QAM	12	0	17.61	17.52	17.61				
5	256QAM	12	7	17.54	17.66	17.71				
5	256QAM	12	13	17.50	17.70	17.79	19	5		
5	256QAM	12	25	17.54	17.74	17.74				
Channel				23035	23095	23165	Turn-up time (s)	MRR (dB)		
Frequency (MHz)				705.5	707.5	714.5				
3	QPSK	1	0	22.74	22.84	22.61				
3	QPSK	1	8	22.55	22.75	22.63	24	0		
3	QPSK	1	14	22.64	22.62	22.64				
3	QPSK	8	0	21.79	22.01	21.88				
3	QPSK	8	4	21.89	21.79	21.78	23	1		
3	QPSK	8	7	21.95	21.65	22.01				
3	QPSK	8	14	21.86	21.84	21.82				
3	16QAM	1	0	21.93	21.97	21.81				
3	16QAM	1	8	21.87	21.88	21.97	23	1		
3	16QAM	1	14	21.88	21.91	21.96				
3	16QAM	8	0	20.61	20.65	20.68				
3	16QAM	8	4	20.80	20.67	20.80	22	2		
3	16QAM	8	7	20.66	20.69	20.47				
3	16QAM	15	0	20.72	20.66	20.77				
3	64QAM	1	0	20.56	20.47	20.76				
3	64QAM	1	8	20.71	20.69	20.59	22	2		
3	64QAM	1	14	20.52	20.60	20.61				
3	64QAM	8	0	19.74	19.53	19.75				
3	64QAM	8	4	19.79	19.57	19.73	21	3		
3	64QAM	8	7	19.84	19.78	19.59				
3	64QAM	15	0	19.76	19.86	19.72				
3	256QAM	1	0	17.70	17.76	17.79				
3	256QAM	1	8	17.69	17.59	17.58	19	5		
3	256QAM	1	14	17.76	17.61	17.69				
3	256QAM	8	0	17.63	17.57	17.78				
3	256QAM	8	4	17.45	17.72	17.51	19	5		
3	256QAM	8	7	17.56	17.60	17.77				
3	256QAM	15	0	17.56	17.76	17.76				
Channel				23037	23095	23173	Turn-up time (s)	MRR (dB)		
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	22.77	22.93	22.81				
1.4	QPSK	1	3	22.44	22.71	22.55	24	0		
1.4	QPSK	1	6	22.63	22.63	22.71				
1.4	QPSK	3	0	22.73	22.85	22.80				
1.4	QPSK	3	1	22.45	22.68	22.71				
1.4	QPSK	3	3	22.50	22.75	22.55				
1.4	QPSK	3	6	21.92	21.21	21.69	23	1		
1.4	16QAM	1	0	21.89	21.79	21.82				
1.4	16QAM	1	3	21.64	21.77	21.93	23	1		
1.4	16QAM	1	5	21.87	21.94	21.78				
1.4	16QAM	3	0	21.73	21.21	21.80				
1.4	16QAM	3	1	21.84	21.66	21.89				
1.4	16QAM	3	3	21.82	21.93	21.74	22	2		
1.4	16QAM	6	0	20.89	20.63	20.71				
1.4	16QAM	6	1	20.44	20.41	20.79				
1.4	64QAM	1	0	20.64	20.59	20.79				
1.4	64QAM	1	5	20.43	20.44	20.77	22	2		
1.4	64QAM	3	0	20.71	20.52	20.78				
1.4	64QAM	3	1	20.58	20.21	20.48				
1.4	64QAM	3	3	20.65	20.71	20.85				
1.4	64QAM	6	0	19.74	19.69	19.57	21	3		
1.4	256QAM	1	0	17.60	17.80	17.62				
1.4	256QAM	1	3	17.68	17.77	17.65	19	5		
1.4	256QAM	1	5	17.88	17.79	17.50				
1.4	256QAM	3	0	17.57	17.55	17.66				
1.4	256QAM	3	1	17.64	17.60	17.66				
1.4	256QAM	3	3	17.63	17.45	17.65				
1.4	256QAM	6	0	17.57	17.65	17.69				

Band 13 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power High Ch / Freq.	Power High Ch / Freq.	Time-up limit (dBm)	MPE (dB)	
Channel									
Frequency (MHz)				23050	782				
10	QPSK	1	0		22.04				
10	QPSK	1	25		22.71		24	0	
10	QPSK	1	49		22.90				
10	QPSK	25	0		22.03				
10	QPSK	25	12		21.99		23	1	
10	QPSK	25	25		21.85				
10	QPSK	50	0		21.89				
10	16QAM	1	0		21.84				
10	16QAM	1	25		21.83		23	1	
10	16QAM	1	49		21.91				
10	16QAM	25	0		21.05				
10	16QAM	25	12		21.01		22	2	
10	16QAM	25	25		20.92				
10	16QAM	50	0		20.88				
10	16QAM	1	0		21.05				
10	16QAM	1	25		20.97		22	2	
10	16QAM	1	49		20.98				
10	16QAM	25	0		20.81				
10	16QAM	25	12		19.87		21	3	
10	16QAM	25	25		19.96				
10	16QAM	50	0		19.82				
10	256QAM	1	0		17.89				
10	256QAM	1	25		17.89		19	5	
10	256QAM	1	49		17.84				
10	256QAM	25	0		18.02				
10	256QAM	25	12		17.80		19	5	
10	256QAM	25	25		18.03				
10	256QAM	50	0		18.03				
Channel									
Frequency (MHz)				30505	2520.30505	2520.30505	Time-up limit (dBm)	MPE (dB)	
				779.5	782	784.5			
5	QPSK	1	0		22.74	22.85	22.82		
5	QPSK	1	12		22.72	22.56	22.72	24	0
5	QPSK	1	24		22.79	22.22	22.80		
5	QPSK	12	0		21.85	21.91	21.91		
5	QPSK	12	7		21.97	21.79	21.78	23	1
5	QPSK	12	13		21.65	21.64	21.68		
5	QPSK	25	0		21.52	21.61	21.68		
5	16QAM	1	0		21.91	21.81	21.94		
5	16QAM	1	12		21.62	21.68	21.78	23	1
5	16QAM	1	24		21.90	21.86	21.81		
5	16QAM	12	0		21.51	21.62	21.63		
5	16QAM	12	7		20.98	20.87	20.95	22	2
5	16QAM	12	13		20.79	20.71	20.92		
5	16QAM	25	0		20.67	20.71	20.75		
5	16QAM	1	0		20.98	21.14	20.86		
5	16QAM	1	12		20.72	20.73	20.85	22	2
5	16QAM	1	24		20.80	20.88	20.85		
5	16QAM	12	0		19.92	19.96	19.98		
5	16QAM	12	7		19.81	19.96	19.71	21	3
5	16QAM	12	13		19.85	19.94	19.89		
5	16QAM	25	0		19.68	19.80	19.66		
5	256QAM	1	0		17.84	17.75	17.81		
5	256QAM	1	12		17.87	17.74	17.81	19	5
5	256QAM	1	24		17.79	17.81	17.80		
5	256QAM	12	0		17.87	17.98	17.87		
5	256QAM	12	7		17.76	17.81	17.89	19	5
5	256QAM	12	13		17.83	17.77	17.85		
5	256QAM	25	0		18.00	17.95	17.85		

Band 17 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 23760	Power Middle Ch. / Freq. 23790	Power High Ch. / Freq. 23800	Tune-up (limit, dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.82	22.85	22.77	24	0	
10	QPSK	1	25	22.70	22.78	22.65			
10	QPSK	1	49	22.66	22.78	22.58			
10	QPSK	25	0	21.75	21.93	21.78			
10	QPSK	25	12	21.78	21.88	21.92	23	1	
10	QPSK	25	25	21.76	21.80	21.87			
10	QPSK	50	0	21.83	21.90	21.88			
10	16QAM	1	0	21.82	21.94	21.73			
10	16QAM	1	25	21.83	21.92	21.86	23	1	
10	16QAM	1	49	21.94	21.89	21.81			
10	16QAM	25	0	20.76	20.87	20.74			
10	16QAM	25	12	20.80	20.80	20.84			
10	16QAM	25	25	20.77	20.75	20.84	22	2	
10	16QAM	50	0	20.82	20.67	20.84			
10	64QAM	1	0	20.76	20.77	20.81			
10	64QAM	1	25	20.73	20.75	20.89			
10	64QAM	1	49	20.89	20.79	20.86	22	2	
10	64QAM	25	0	19.91	19.81	19.91			
10	64QAM	25	12	19.72	19.86	19.75			
10	64QAM	25	25	19.81	19.81	19.91			
10	64QAM	50	0	19.82	19.71	19.92	21	3	
10	256QAM	1	0	17.88	17.82	17.87			
10	256QAM	1	25	17.83	17.98	17.88			
10	256QAM	1	49	17.82	17.86	17.88			
10	256QAM	25	0	17.82	17.83	17.74	19	5	
10	256QAM	25	12	17.96	17.84	17.81			
10	256QAM	25	25	17.89	17.84	17.84			
10	256QAM	50	0	17.87	17.82	17.96			
Channel									
Frequency (MHz)							706.5 <th>710<th>713.5</th></th>	710 <th>713.5</th>	713.5
5	QPSK	1	0	22.70	22.72	22.55	24	0	
5	QPSK	1	12	22.62	22.75	22.45			
5	QPSK	1	24	22.65	22.58	22.50			
5	QPSK	12	0	21.62	21.86	21.65			
5	QPSK	12	7	21.73	21.72	21.89	23	1	
5	QPSK	12	13	21.77	21.74	21.67			
5	QPSK	25	0	21.64	21.75	21.67			
5	16QAM	1	0	21.62	21.62	21.58			
5	16QAM	1	12	21.64	21.62	21.56	23	1	
5	16QAM	1	24	20.87	20.75	20.70			
5	16QAM	1	24	21.77	21.76	21.82			
5	16QAM	12	0	20.76	20.89	20.55			
5	16QAM	12	7	20.67	20.75	20.57	22	2	
5	16QAM	12	13	20.84	20.70	20.75			
5	16QAM	25	0	20.81	20.69	20.74			
5	64QAM	1	0	20.63	20.78	20.72			
5	64QAM	1	12	20.51	20.75	20.87	22	2	
5	64QAM	1	24	20.67	20.73	20.70			
5	64QAM	12	0	19.89	19.77	19.84			
5	64QAM	12	7	19.70	19.79	19.58			
5	64QAM	12	13	19.85	19.77	19.81	21	3	
5	64QAM	25	0	19.82	19.83	19.88			
5	256QAM	1	0	17.89	17.73	17.84			
5	256QAM	1	12	17.71	17.83	17.87			
5	256QAM	1	24	17.82	17.62	17.88	19	5	
5	256QAM	12	0	17.76	17.80	17.80			
5	256QAM	12	7	17.92	17.70	17.81			
5	256QAM	12	13	17.73	17.82	17.79			
5	256QAM	25	0	17.74	17.76	17.93	19	5	

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	22.85	23.06	22.88	24	0			
15	QPSK	1	37	22.84	22.75	22.68					
15	QPSK	1	74	22.78	22.91	22.78					
15	QPSK	36	0	21.85	21.95	21.81					
15	QPSK	36	20	21.81	21.83	21.75	23	1			
15	QPSK	36	39	21.84	21.85	21.80					
15	QPSK	75	0	21.71	21.81	21.80					
15	16QAM	1	0	21.73	21.72	21.76					
15	16QAM	1	37	21.76	21.76	21.76	23	1			
15	16QAM	1	74	21.78	21.90	21.92					
15	16QAM	36	0	20.84	20.79	20.79					
15	16QAM	36	20	20.84	20.92	20.84					
15	16QAM	36	39	20.86	20.98	20.81	22	2			
15	16QAM	75	0	21.00	20.93	20.97					
15	64QAM	1	0	20.88	20.87	20.81					
15	64QAM	1	37	20.91	20.76	20.76					
15	64QAM	1	74	20.82	20.79	20.88	22	2			
15	64QAM	36	0	19.87	19.85	19.88					
15	64QAM	36	20	20.01	19.98	19.90					
15	64QAM	36	39	19.93	19.82	19.97					
15	64QAM	75	0	19.86	20.00	19.89	21	3			
15	256QAM	1	0	17.73	17.73	17.87					
15	256QAM	1	37	17.71	17.84	17.92					
15	256QAM	1	74	17.82	17.90	17.84					
15	256QAM	36	0	17.75	17.69	17.79	19	5			
15	256QAM	36	20	17.88	17.71	17.78					
15	256QAM	36	39	17.83	17.87	17.93					
15	256QAM	75	0	17.84	17.78	17.81					
Channel				26760	26865	26960	Tune-up limit (dBm) MPR (dB)				
Frequency (MHz)				816	831.5	846.5					
10	QPSK	1	0	22.71	22.88	22.73	24	0			
10	QPSK	1	25	22.78	22.65	22.56					
10	QPSK	1	49	22.62	22.75	22.68					
10	QPSK	25	0	21.69	21.81	21.61					
10	QPSK	25	12	21.77	21.79	21.75	23	1			
10	QPSK	25	25	21.78	21.79	21.69					
10	QPSK	50	0	21.68	21.60	21.66					
10	16QAM	1	0	21.70	21.71	21.66					
10	16QAM	1	25	21.75	21.58	21.75	23	1			
10	16QAM	1	49	21.59	21.81	21.74					
10	16QAM	25	0	20.77	20.80	20.58					
10	16QAM	25	12	20.71	20.89	20.72					
10	16QAM	25	25	20.78	20.85	20.85	22	2			
10	16QAM	50	0	20.81	20.78	20.79					
10	64QAM	1	0	20.86	20.70	20.73					
10	64QAM	1	25	20.79	20.65	20.76					
10	64QAM	1	49	20.62	20.69	20.74	22	2			
10	64QAM	25	0	19.82	19.86	19.68					
10	64QAM	25	12	19.98	19.97	19.88					
10	64QAM	25	25	19.94	19.62	19.79					
10	64QAM	50	0	19.80	19.96	19.78	21	3			
10	256QAM	1	0	17.58	17.58	17.87					
10	256QAM	1	25	17.54	17.84	17.94					
10	256QAM	1	49	17.71	17.86	17.80					
10	256QAM	25	0	17.65	17.57	17.70	19	5			
10	256QAM	25	12	17.66	17.52	17.64					
10	256QAM	25	25	17.70	17.65	17.91					
10	256QAM	50	0	17.80	17.74	17.76					
Channel				26715	26865	27015	Tune-up limit (dBm) MPR (dB)				
Frequency (MHz)				816.5	831.5	846.5					
5	QPSK	1	0	22.78	22.74	22.77	24	0			
5	QPSK	1	12	22.80	22.56	22.69					
5	QPSK	1	24	22.72	22.70	22.66					
5	QPSK	12	0	21.80	21.75	21.64					
5	QPSK	12	7	21.76	21.65	21.62	23	1			
5	QPSK	12	13	21.67	21.87	21.79					
5	QPSK	25	0	21.63	21.60	21.65					
5	QPSK	25	0	21.64	21.53	21.66					
5	16QAM	1	0	21.66	21.76	21.76	23	1			
5	16QAM	1	24	21.60	21.75	21.82					
5	16QAM	12	7	20.79	20.74	20.75					
5	16QAM	12	7	20.85	20.67	20.68					
5	16QAM	12	13	20.81	20.68	20.69	22	2			
5	16QAM	25	0	20.98	20.78	20.79					
5	64QAM	1	0	20.83	20.85	20.84					
5	64QAM	1	12	20.83	20.71	20.85					
5	64QAM	1	24	20.61	20.72	20.70	22	2			
5	64QAM	12	0	19.86	19.88	19.86					
5	64QAM	12	7	19.89	19.95	19.86					
5	64QAM	12	13	19.89	19.80	19.87					
5	16QAM	25	0	19.69	19.86	19.73	21	3			
5	16QAM	25	0	17.63	17.61	17.63					
5	256QAM	1	12	17.71	17.85	17.83					
5	256QAM	1	24	17.91	17.87	17.81					
5	256QAM	12	0	17.62	17.83	17.81	19			5	
5	256QAM	12	7	17.83	17.50	17.57					
5	256QAM	12	13	17.62	17.76	17.87					
5	256QAM	25	0	17.74	17.77	17.76					
Channel				26705	26865	27025	Tune-up limit (dBm) MPR (dB)				
Frequency (MHz)				816.5	831.5	846.5					
3	QPSK	1	0	22.84	22.77	22.78	24	0			
3	QPSK	1	8	22.84	22.72	22.47					
3	QPSK	1	14	22.76	22.73	22.72					
3	QPSK	8	0	21.75	21.93	21.64					
3	QPSK	8	0	21.7	21.79	21.79	23	1			
3	QPSK	8	7	21.62	21.82	21.63					
3	QPSK	15	0	21.64	21.72	21.69					
3	16QAM	1	0	21.57	21.52	21.57					
3	16QAM	1	0	21.66	21.68	21.75	22	2			
3	16QAM	1	14	21.64	21.85	21.93					
3	16QAM	8	0	20.70	20.72	20.79					
3	16QAM	8	4	20.65	20.75	20.62					
3	16QAM	7	7	20.85	20.78	20.76	21	2			
3	64QAM	1	0	20.93	20.67	20.60					
3	64QAM	1	8	20.93	20.58	20.77					
3	64QAM	1	14	20.81	20.78	20.73					
3	64QAM	8	0	19.82	19.86	19.88	21	3			
3	64QAM	8	4	19.97	19.79	19.89					
3	64QAM	8	7	19.89	19.67	19.79					
3	64QAM	15	0	19.69	19.83	19.84					
3	256QAM	1	0	17.70	17.69	17.86	19			5	
3	256QAM	1	17	17.71	17.81	17.78					
3	256QAM	1	14	17.75	17.88	17.71					
3	256QAM	8	0	17.77	17.69	17.81					
3	256QAM	8	4	17.84	17.62	17.85	19	5			
3	256QAM	8	7	17.83	17.72	17.86					
3	256QAM	15	0	17.75	17.73	17.65					
Channel				26697	26865	27033				Tune-up limit (dBm) MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3					
1.4	QPSK	1	0	22.67	22.85	22.82	24			0	
1.4	QPSK	1	22	22.66	22.67	22.52					
1.4	QPSK	1	5	22.61	22.90	22.84					
1.4	QPSK	3	0	22.64	22.92	22.90					
1.4	QPSK	3	0	22.81	22.64	22.62	23	0			
1.4	QPSK	3	23	22.57	22.81	22.83					
1.4	QPSK	6	0	21.70	21.71	21.62					
1.4	16QAM	1	0	21.64	21.72	21.72					
1.4	16QAM	1	3	21.69	21.70	21.60	23	1			
1.4	16QAM	1	3	21.7	21.69	21.72					
1.4	16QAM	3	0	21.54	21.65	21.60					
1.4	16QAM	3	1	21.74	21.50	21.63					
1.4	16QAM	3	3	21.69	21.59	21.66	22	2			
1.4	16QAM	6	0	20.80	20.60	20.77					
1.4	64QAM	1	3	20.74	20.60	20.72					
1.4	64QAM	1	5	20.75	20.70	20.78					
1.4	64QAM	3	0	20.63	20.67	20.80	22	2			
1.4	64QAM	3	2	20.84	20.71	20.78					
1.4	64QAM	3	3	20.71	20.80	20.78					
1.4	64QAM	6	0	19.85	19.90	19.84					
1.4	256QAM	1	0	17.62	17.72	17.68	21	3			
1.4	256QAM	1	3	17.67	17.68	17.78					
1.4	256QAM	1	5	17.73	17.88	17.85					
1.4	256QAM	3	0	17.69	17.57	17.78					
1.4	256QAM	3	1	17.67	17.60	17.58	19			5	
1.4	256QAM	3	17	17.72	17.72	17.84					
1.4	256QAM	6	0	17.72	17.78	17.76					

GSM1900 Ant 1		Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame-Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1850	1850.8		1850.2	1850	1850.8	
GSM 1 Tx slot		29.15	29.16	29.09	30.50	20.15	20.16	20.09	21.50
GPRS 1 Tx slot		29.12	29.14	29.05	30.50	20.12	20.14	20.05	21.50
GPRS 2 Tx slots		25.66	25.63	25.61	26.50	19.60	19.63	19.61	20.50
GPRS 3 Tx slots		23.92	23.73	23.93	25.00	19.66	19.47	19.67	20.74
GPRS 4 Tx slots		22.30	22.37	22.38	23.50	19.30	19.37	19.38	20.50
EDGE 1 Tx slot		25.37	25.19	25.38	26.50	16.37	16.19	16.38	17.50
EDGE 2 Tx slots		23.65	23.64	23.75	24.50	17.65	17.64	17.75	18.50
EDGE 3 Tx slots		21.78	21.76	21.81	23.00	17.52	17.50	17.55	18.74
EDGE 4 Tx slots		19.85	19.69	19.68	21.00	16.85	16.69	16.68	18.00

Band		WCDMA 1 Ant 1			Tune-up Limit (dbm)	WCDMA 1 Ant 1			Tune-up Limit (dbm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1522.4	1530	1537.6		1522.4	1522.4	1522.4	
3GPP Rel 98		21.58	21.68	21.60	23.30	22.83	22.70	22.72	24.00
3GPP Rel 99		RMC 12.2Kbps	21.81	21.86	21.79	23.30	22.87	22.92	22.89
3GPP Rel 6		HSDPA Subtest-1	20.74	20.89	20.58	22.30	21.75	21.73	21.84
3GPP Rel 6		HSDPA Subtest-2	20.69	20.94	20.69	22.30	21.83	21.75	21.75
3GPP Rel 6		HSDPA Subtest-3	20.33	20.47	20.40	21.80	21.33	21.49	21.47
3GPP Rel 6		HSDPA Subtest-4	20.35	20.48	20.33	21.80	21.29	21.43	21.42
3GPP Rel 8		DCHSDPA Subtest-1	20.80	20.69	20.84	22.30	21.74	21.90	21.86
3GPP Rel 8		DCHSDPA Subtest-2	20.77	20.96	20.79	22.30	21.68	21.62	21.76
3GPP Rel 8		DCHSDPA Subtest-3	20.32	20.47	20.48	21.80	21.25	21.46	21.45
3GPP Rel 8		DCHSDPA Subtest-4	20.51	20.57	20.35	21.80	21.29	21.37	21.27
3GPP Rel 6		HSUPA Subtest-1	20.63	20.88	20.62	22.30	21.74	21.80	21.76
3GPP Rel 6		HSUPA Subtest-2	18.85	18.77	18.73	20.30	19.83	19.62	19.76
3GPP Rel 6		HSUPA Subtest-3	19.91	19.50	19.94	21.30	20.83	20.86	20.92
3GPP Rel 6		HSUPA Subtest-4	18.62	18.67	18.68	20.30	19.95	19.93	19.86
3GPP Rel 6		HSUPA Subtest-5	20.79	20.62	20.76	22.30	21.68	21.79	21.85

Band 2 Ant 1												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Turn-on time (ms)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	22.21	22.25	22.08			23.5	0		
20	QPSK	1	49	22.08	22.07	22.10						
20	QPSK	1	99	21.99	21.94	21.95						
20	QPSK	50	0	21.80	21.85	21.87						
20	QPSK	50	24	21.83	21.84	21.74						
20	QPSK	50	50	21.74	21.67	21.74			23	0.5		
20	QPSK	100	0	21.80	21.84	21.82						
20	HQDM	1	0	21.78	21.86	21.82						
20	HQDM	1	49	21.81	21.76	21.73						
20	HQDM	1	99	21.83	21.68	21.71						
20	HQDM	50	24	20.69	20.76	20.83			22	1.5		
20	HQDM	50	50	20.84	20.81	20.81						
20	HQDM	100	0	20.74	20.76	20.71						
20	HQDM	1	0	20.66	20.73	20.74						
20	HQDM	1	49	20.68	20.71	20.81						
20	HQDM	1	99	20.64	20.60	20.66			22	1.5		
20	HQDM	50	0	19.79	19.81	19.89						
20	HQDM	50	24	19.75	19.76	19.83						
20	HQDM	50	50	19.69	19.75	19.83						
20	HQDM	100	0	19.81	19.64	19.70						
20	HQDM	1	0	17.70	17.73	17.71			19	4.5		
20	HQDM	1	49	17.77	17.67	17.68						
20	HQDM	1	99	17.83	17.77	17.80						
20	HQDM	50	0	17.68	17.69	17.76						
20	HQDM	50	24	17.74	17.76	17.79						
20	HQDM	50	50	17.67	17.68	17.74			19	4.5		
20	HQDM	100	0	17.78	17.69	17.74						
Channel												
Frequency (MHz)												
15	QPSK	1	0	19.07	19.05	19.05					23.5	0
15	QPSK	1	49	22.30	22.25	22.05						
15	QPSK	1	99	22.19	22.12	22.11						
15	QPSK	36	0	21.76	21.67	21.68						
15	QPSK	36	36	21.78	21.63	21.70						
15	QPSK	75	0	21.68	21.71	21.61			23	0.5		
15	QPSK	75	0	21.79	21.71	21.61						
15	HQDM	1	0	21.81	21.71	21.68						
15	HQDM	1	37	21.81	21.71	21.52						
15	HQDM	1	74	21.77	21.73	21.72						
15	HQDM	36	0	20.48	20.59	20.71			22	1.5		
15	HQDM	36	36	20.47	20.55	20.71						
15	HQDM	36	74	20.63	20.60	20.65						
15	HQDM	1	0	20.64	20.75	20.83						
15	HQDM	1	37	20.45	20.73	20.77						
15	HQDM	1	74	20.51	20.55	20.53			22	1.5		
15	HQDM	36	0	19.79	19.71	19.82						
15	HQDM	36	20	19.69	19.75	19.72						
15	HQDM	75	0	19.73	19.66	19.62						
15	HQDM	1	37	17.71	17.67	17.50						
15	HQDM	1	74	17.70	17.70	17.77			19	4.5		
15	HQDM	36	0	17.68	17.69	17.72						
15	HQDM	36	36	17.60	17.67	17.83						
15	HQDM	75	0	17.63	17.69	17.68						
Channel												
Frequency (MHz)												
10	QPSK	1	0	19.05	19.06	19.05			23.5	0		
10	QPSK	1	25	22.23	22.09	22.05						
10	QPSK	1	49	21.96	21.91	22.01						
10	QPSK	25	0	21.68	21.68	21.68						
10	QPSK	25	12	21.75	21.62	21.71						
10	QPSK	25	25	21.63	21.53	21.69			23	0.5		
10	QPSK	50	0	21.67	21.67	21.67						
10	HQDM	1	0	21.70	21.84	21.81						
10	HQDM	1	25	21.69	21.66	21.68						
10	HQDM	1	49	21.68	21.67	21.67						
10	HQDM	25	0	20.48	20.59	20.64			22	1.5		
10	HQDM	25	12	20.43	20.42	20.39						
10	HQDM	50	0	20.62	20.50	20.63						
10	HQDM	50	0	20.59	20.45	20.58						
10	HQDM	1	0	20.61	20.68	20.58						
10	HQDM	1	0	20.53	20.57	20.58			22	1.5		
10	HQDM	1	49	20.51	20.61	20.56						
10	HQDM	25	0	19.78	19.73	19.50						
10	HQDM	25	12	19.76	19.61	19.64						
10	HQDM	25	25	19.63	19.67	19.63						
10	HQDM	50	0	19.73	19.64	19.53			21	2.5		
10	HQDM	50	0	17.71	17.69	17.62						
10	HQDM	1	25	17.73	17.69	17.52						
10	HQDM	1	49	17.65	17.67	17.61						
10	HQDM	25	0	17.55	17.49	17.57						
10	HQDM	25	12	17.63	17.58	17.59			19	4.5		
10	HQDM	25	25	17.59	17.61	17.62						
10	HQDM	50	0	17.67	17.69	17.58						
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.14	22.14	22.06			23.5	0		
5	QPSK	1	12	22.20	22.08	22.06						
5	QPSK	1	24	22.01	21.99	21.99						
5	QPSK	12	0	21.77	21.68	21.68						
5	QPSK	12	7	21.75	21.57	21.64						
5	QPSK	12	13	21.55	21.66	21.73			23	0.5		
5	QPSK	25	0	21.71	21.62	21.77						
5	HQDM	1	0	21.79	21.76	21.78						
5	HQDM	1	12	21.59	21.55	21.56						
5	HQDM	1	12	21.72	21.65	21.65			23	0.5		
5	HQDM	12	0	20.87	20.89	20.83						
5	HQDM	12	7	20.81	20.57	20.79						
5	HQDM	12	13	20.60	20.52	20.68						
5	HQDM	25	0	20.59	20.57	20.76						
5	HQDM	1	0	20.59	20.74	20.61			22	1.5		
5	HQDM	1	0	20.47	20.52	20.49						
5	HQDM	1	24	20.63	20.44	20.48						
5	HQDM	12	0	19.70	19.80	19.70						
5	HQDM	12	7	19.73	19.66	19.61						
5	HQDM	12	13	19.69	19.68	19.71			21	2.5		
5	HQDM	25	0	19.71	19.61	19.71						
5	HQDM	15	0	17.68	17.70	17.71						
5	HQDM	1	12	17.71	17.69	17.71						
5	HQDM	1	24	17.64	17.72	17.69						
5	HQDM	12	0	17.77	17.67	17.68			19	4.5		
5	HQDM	12	7	17.56	17.60	17.71						
5	HQDM	12	13	17.52	17.70	17.62						
5	HQDM	25	0	17.68	17.70	17.62						
Channel												
Frequency (MHz)												
3	QPSK	1	0	22.14	22.14	22.06			23.5	0		
3	QPSK	1	8	22.16	22.01	21.97						
3	QPSK	1	14	21.90	22.01	21.96						
3	QPSK	8	0	21.69	21.75	21.84						
3	QPSK	8	4	21.84	21.59	21.58						
3	QPSK	8	7	21.81	21.57	21.74			23	0.5		
3	QPSK	15	0	21.80	21.75	21.87						
3	HQDM	1	0	21.68	21.69	21.66						
3	HQDM	1	8	21.80	21.64	21.58						
3	HQDM	1	14	21.83	21.51	21.65			23	0.5		
3	HQDM	8	0	20.69	20.64	20.75						
3	HQDM	8	7	20.65	20.63	20.81						
3	HQDM	8	7	20.69	20.58	20.81						
3	HQDM	16	0	20.64	20.66	20.66						
3	HQDM	1	0	20.60	20.72	20.62			22	1.5		
3	HQDM	1	8	20.68	20.53	20.77						
3	HQDM	1	14	20.43	20.75	20.70						
3	HQDM	8	0	19.89	19.69	19.59						
3	HQDM	8	4	19.58	19.65	19.82						
3	HQDM	8	14	19.38	19.61	19.61			21	2.5		
3	HQDM	16	0	19.80	19.58	19.58						
3	HQDM	1	0	17.62	17.65	17.55						
3	HQDM	1	8	17.61	17.68	17.61						
3	HQDM	1	14	17.68	17.68	17.78						
3	HQDM	1	14	17.64	17.69	17.65			19	4.5		
3	HQDM	8	0	17.58	17.61	17.73						
3	HQDM	8	7	17.63	17.62	17.73						
3	HQDM	16	0	17.76	17.46	17.55						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	22.23	22.12	21.97			23.5	0		
1.4	QPSK	1	8	22.18	22.02	21.97						
1.4	QPSK	1	16	22.05	22.04	21.94						
1.4	QPSK	3	0	22.05	22.04	21.88						
1.4	QPSK	3	3	22.04	22.02	21.96						
1.4	QPSK	3	3	22.04	21.95	21.88			23	0.5		
1.4	QPSK	3	3	21.99	21.72	21.65						
1.4	HQDM	1	0	21.85	21.71	21.65						
1.4	HQDM	1	3	21.64	21.57	21.64						
1.4	HQDM	1	3	21.62	21.48	21.65						
1.4	HQDM	3	0	21.62	21.62	21.62			23	0.5		
1.4	HQDM	3	3	21.60	21.79	21.82						
1.4	HQDM	3	3	21.59	21.79	21.68						
1.4	HQDM	3	3	21.57	20.83	21.62						
1.4	HQDM	1	0	20.55	20.61	20.73						
1.4	HQDM	1	0	20.58	20.47	20.58			22	1.5		
1.4	HQDM	3	0	19.65	19.47	19.58						
1.4	HQDM	3	3	19.40	20.64	20.75						
1.4	HQDM	3	3	20.51	20.35	20.76						
1.4	HQDM	3	3	19.68	19.61	19.62						
1.4	HQDM	3	3	17.60	17.45	17.58			19	4.5		
1.4	HQDM	1	0	17.65	17.77	17.74						
1.4	HQDM	1	3	17.64	17.61	17.74						
1.4	HQDM	3	1	17.61	17.74	17.63						
1.4	HQDM	3	1	17.52	17.67	17.89						
1.4	HQDM	3	1	17.63	17.49	17.69			19	4.5		
1.4	HQDM	3	1	17.52	17.67	17.89						
1.4	HQDM	3	1	17.63	17.49	17.69						
1.4	HQDM	3	1	17.52	17.67	17.89						
1.4	HQDM	3	1	17.63	17.49	17.69	</					

Band 25 Ant 1											Band 66 Ant 1														
BW (MHz)	Modulation	RIS Size	RIS Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Turn-up time (sec)	MPR (dB)			BW (MHz)	Modulation	RIS Size	RIS Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Turn-up time (sec)	MPR (dB)						
Channel											Channel														
Frequency (MHz)											Frequency (MHz)														
20	QPSK	1	0	22.31	22.34	22.21	23.5	0	24	0	20	QPSK	1	0	22.72	22.87	22.68	24	0	24	0				
20	QPSK	1	49	22.24	22.12	22.14																			
20	QPSK	1	99	22.10	22.07	21.98																			
20	QPSK	50	0	21.82	21.87	21.78																			
20	QPSK	50	24	21.81	21.87	21.83	23	0.5	23	1	20	QPSK	50	24	21.83	21.82	21.78								
20	QPSK	50	50	21.68	21.76	21.77																			
20	QPSK	100	0	21.78	21.82	21.76																			
20	16QAM	1	0	21.83	21.87	21.87																			
20	16QAM	1	49	21.86	21.70	21.86	23	0.5	23	1	20	16QAM	1	0	21.86	21.90	21.83								
20	16QAM	1	99	21.87	21.83	21.76																			
20	16QAM	50	0	20.60	20.75	20.70																			
20	16QAM	50	24	20.76	20.60	20.71																			
20	16QAM	50	50	20.73	20.76	20.71	22	1.5	22	2	20	16QAM	50	20	20.70	20.71	20.78								
20	16QAM	100	0	20.60	20.59	20.60																			
20	16QAM	1	0	20.73	20.60	20.60																			
20	16QAM	1	49	20.61	20.65	20.71																			
20	16QAM	1	99	20.78	20.59	20.72	21	2.5	21	3	20	16QAM	50	24	20.81	19.81	19.87								
20	16QAM	50	0	19.82	19.66	19.76																			
20	16QAM	50	24	19.74	19.61	19.79																			
20	16QAM	50	50	19.76	19.75	19.78																			
20	16QAM	100	0	19.80	19.72	19.68	19	4.5	19	5	20	16QAM	100	0	19.58	19.53	19.70								
20	16QAM	1	49	17.85	17.87	17.91																			
20	16QAM	1	99	17.78	17.80	17.79																			
20	16QAM	50	0	17.79	17.80	17.80																			
20	16QAM	50	24	17.85	17.89	17.88	19	4.5	19	5	20	16QAM	1	0	17.80	17.87	17.77								
20	16QAM	50	50	17.86	17.81	17.81																			
20	16QAM	100	0	17.87	17.83	17.86																			
Channel											Channel														
Frequency (MHz)											Frequency (MHz)														
15	QPSK	1	0	22.21	22.20	22.14	23.5	0	24	0	15	QPSK	1	0	22.74	22.85	22.81	24	0	24	0				
15	QPSK	1	37	22.12	22.20	22.16																			
15	QPSK	1	74	22.14	22.08	22.17																			
15	QPSK	36	0	21.73	21.87	21.81																			
15	QPSK	36	25	21.87	21.85	21.82	23	0.5	23	1	15	QPSK	36	0	21.83	21.74	21.73								
15	QPSK	36	39	21.58	21.62	21.58																			
15	QPSK	75	0	21.81	21.86	21.80																			
15	16QAM	1	1	21.69	21.78	21.69																			
15	16QAM	1	37	21.87	21.59	21.81	23	0.5	23	1	15	16QAM	1	0	21.83	21.78	21.71								
15	16QAM	1	74	21.73	21.60	21.68																			
15	16QAM	36	0	20.49	20.63	20.64																			
15	16QAM	36	25	20.72	20.42	20.68																			
15	16QAM	50	0	20.55	20.59	20.59	22	1.5	22	2	15	16QAM	36	20	20.72	20.87	20.70								
15	16QAM	50	24	20.65	20.54	20.65																			
15	16QAM	75	0	20.55	20.59	20.50																			
15	16QAM	1	0	20.73	20.58	20.48																			
15	16QAM	1	37	20.49	20.63	20.65	21	2.5	21	3	15	16QAM	36	39	20.82	20.78	20.81								
15	16QAM	1	74	20.76	20.47	20.53																			
15	16QAM	36	0	19.69	19.62	19.61																			
15	16QAM	36	25	19.81	19.62	19.77																			
15	16QAM	36	39	19.09	19.05	19.04	19	4.5	19	5	15	16QAM	75	0	19.63	19.62	19.60								
15	16QAM	75	0	19.69	19.64	19.61																			
15	16QAM	1	1	17.70	17.72	17.82																			
15	16QAM	1	37	17.85	17.85	17.71																			
15	16QAM	1	74	17.84	17.84	17.78	19	4.5	19	5	15	16QAM	1	1	17.80	17.84	17.75								
15	16QAM	36	0	17.72	17.81	17.83																			
15	16QAM	36	25	17.79	17.87	17.87																			
15	16QAM	36	39	17.88	17.89	17.80																			
15	16QAM	75	0	17.86	17.78	17.78	Turn-up time (sec)	MPR (dB)			Channel														
Channel											Frequency (MHz)														
Frequency (MHz)											Frequency (MHz)														
5	QPSK	1	0	22.29	22.28	22.28	23.5	0	24	0	5	QPSK	1	0	22.72	22.82	22.77	24	0	24	0				
5	QPSK	1	12	22.17	22.09	22.13																			
5	QPSK	1	24	22.17	22.09	22.13																			
5	QPSK	12	0	21.76	21.75	21.81																			
5	QPSK	12	7	21.71	21.53	21.89	23	0.5	23	1	5	QPSK	12	7	21.81	21.70	21.69								
5	QPSK	12	13	21.59	21.57	21.75																			
5	QPSK	25	0	21.62	21.75	21.64																			
5	16QAM	1	0	21.82	21.70	21.89																			
5	16QAM	1	12	21.84	21.65	21.67	23	0.5	23	1	5	16QAM	1	0	21.78	21.75	21.71								
5	16QAM	1	24	21.71	21.65	21.71																			
5	16QAM	12	0	20.44	20.72	20.51																			
5	16QAM	12	7	20.63	20.66	20.70																			
5	16QAM	12	13	20.55	20.60	20.68	22	1.5	22	2	5	16QAM	12	0	20.69	20.77	20.69								
5	16QAM	25	0	20.55	20.48	20.56																			
5	16QAM	1	0	20.71	20.57	20.52																			
5	16QAM	1	12	20.53	20.45	20.50																			
5	16QAM	1	24	20.56	20.49	20.72	22	1.5	22	2	5	16QAM	12	13	20.72	20.68	20.62								
5	16QAM	12	0	19.83	19.62	19.67																			
5	16QAM	12	7	19.57	19.60	19.71																			
5	16QAM	12	13	19.76	19.75	19.79																			
5	16QAM	25	0	19.59	19.60	19.61	21	2.5	21	3	5	16QAM	25	0	19.77	19.82	19.87								
5	16QAM	25	0	17.83	17.75	17.84																			
5	16QAM	1	12	17.77	17.76	17.69																			
5	16QAM	1	24	17.74	17.61	17.58																			
5	16QAM	12	0	17.73	17.85	17.82	19	4.5	19	5	5	16QAM	25	12	17.80	17.87	17.85								
5	16QAM	12	7	17.77	17.84	17.83																			
5	16QAM	12	13	17.77	17.81	17.78																			
5	16QAM	25	0	17.66	17.70	17.84																			
Channel											Channel														
Frequency (MHz)											Frequency (MHz)														
3	QPSK	1	0	22.17	22.27	22.14	23.5	0	24	0	3	QPSK	1	0	22.73	22.86	22.88	24	0	24	0				
3	QPSK	1	8	22.25	22.19	22.23																			
3	QPSK	1	16	22.15	22.20	22.18																			
3	QPSK	8	0	21.84	21.75	21.81																			
3	QPSK	8	4	21.68	21.49	21.74	23	0.5	23	1	3	QPSK	8	4	21.83	21.71	21.58								
3	QPSK	8	12	21.60	21.59	21.75																			
3	QPSK	15	0	21.66	21.55	21.68																			
3	16QAM	1	0	21.79	21.73	21.68																			
3	16QAM	1	8	21.69	21.55	21.69	23	0.5	23	1	3	16QAM	1	0	21.73	21.77	21.68								
3	16QAM	1	16	21.64	21.63	21.71																			
3	16QAM	8	0	20.50	20.67	20.67																			
3	16QAM	8	4	20.81	20.57	20.69																			
3	16QAM	8	12	20.53	20.57	20.72	22	1.5	22	2	3	16QAM	8	7	20.86	20.97	20.68								
3	16QAM	15	0	20.67	20.50	20.48																			
3	16QAM	1	0	20.69	20.64	20.61																			
3	16QAM	1	8	20.50	20.62	20.68																			
3	16QAM	1	16	20.63	20.58	20.62	22	1.5	22	2	3	16QAM	15	0	20.61	20.75	20.81								
3	16QAM	8	0	19.76	19.59	19.72																			
3	16QAM	8	4	19.68	19.68	19.67																			
3	16QAM	8	12	19.65	19.62	19.65																			
3	16QAM	15	0	19.78	19.57	19.69	21	2.5	21	3	3	16QAM	8	4	19.85	19.90	19.78								
3	16QAM	15	0	17.70	17.71	17.67																			
3	16QAM	1	14	17.74	17.67	17.60																			
3	16QAM	1	16	17.55	17.63	17.73																			
3	16QAM	8	0	17.60	17.86	17.80	19	4.5	19	5	3	16QAM	8	7	17.69	17.86	17.81								
3	16QAM	8	4	17.64	17.89	17.86																			
3	16QAM	8	12	17.67	17.88	17.88																			
3	16QAM	15	0	17.74	17.84	17.79																			
Channel											Channel														
Frequency (MHz)											Frequency (MHz)														
1.4	QPSK	1	0	22.21	22.12	22.13	23.5	0	24	0	1.4	QPSK	1	0	22.70	22.86	22.89	24	0	24	0				
1.4	QPSK	1	8	22.25	22.19	22.23																			
1.4	QPSK	1	16	22.20	22.22	22.18																			
1.4	QPSK	8	0	21.84	21.75	21.81																			
1.4	QPSK	8	4	21.68	21.49	21.74	23	0.5	23	1	1.4	QPSK	8	4	21.83	21.71	21.58								
1.4	QPSK	8	12	21.60	21.59	21.75																			
1.4	QPSK	15	0	21.66	21.55	21.68																			
1.4	QPSK	3	0	21.72	21.67	21.68																			
1.4	QPSK	3	8	21.62	21.61	21.66	23	0.5	23	1	1.4	QPSK	6	0	21.83	21.62	21.74								
1.4	QPSK	3	16	21.63	21.62	21.68																			
1.4	QPSK	1	0	21.84	21.71	21.81																			
1.4	QPSK	1	8	21.74	21.70	21.73																			
1.4	16QAM	1	0	21.63	21.62	21.68	23	0.5	23	1	1.4	16QAM	1	0	21.68	21.68	21.74								
1.4	16QAM	1	8	21.63	21.61	21.66																			
1.4	16QAM	1	16	21.61	21.73	21.77																			
1.4	16QAM	3	0	20.54	20.68	20.57																			
1.4	16QAM	1	0	20.46	20.45	20.49	22	1.5	22	2	1.4	16QAM	3	0	20.70	20.70	20.70								
1.4	16QAM	3	8	20.77	20.44	20.74																			
1.4	16QAM	3	16	20.57	20.57	20.46																			
1.4	16QAM	3	1	20.41	20.55	20.49																			
1.4	16QAM	3	8	20.48	20.46	20.49	21	2.5	21	3	1.4	16QAM	3	1	20.81	20.73	20.78								
1.4	16QAM	3	16	19.64	19.																				

Band 38 Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37650	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	22.96	23.16	23.13	24	0		
20	QPSK	1	49	22.96	22.94	22.89				
20	QPSK	1	99	22.85	22.86	22.86	23	1		
20	QPSK	50	0	21.96	22.15	21.98				
20	QPSK	50	24	21.95	21.97	21.88	23	1		
20	QPSK	50	50	21.90	21.77	22.13				
20	QPSK	100	0	21.97	22.10	22.00	23	1		
20	16QAM	1	0	21.95	21.80	22.07				
20	16QAM	1	49	21.81	21.99	22.04	22	2		
20	16QAM	1	99	22.02	22.00	21.79				
20	16QAM	50	0	20.80	20.86	20.86	22	2		
20	16QAM	50	24	20.92	20.57	20.82				
20	16QAM	50	50	20.90	20.69	20.81	22	2		
20	16QAM	100	0	20.64	20.90	20.61				
20	64QAM	1	0	20.66	20.77	20.71	22	2		
20	64QAM	1	49	20.61	20.78	20.78				
20	64QAM	1	99	20.72	20.74	20.93	21	3		
20	64QAM	50	0	19.82	19.85	19.91				
20	64QAM	50	24	19.95	19.81	19.76	21	3		
20	64QAM	50	50	19.82	19.68	19.95				
20	64QAM	100	0	19.75	19.81	19.72	19	5		
20	256QAM	1	0	17.89	17.87	17.66				
20	256QAM	1	49	17.90	17.91	17.86	19	5		
20	256QAM	1	99	17.71	17.76	17.79				
20	256QAM	50	0	17.83	17.86	17.74	19	5		
20	256QAM	50	24	17.99	17.96	17.90				
20	256QAM	50	50	17.76	17.83	17.69	20	2		
20	256QAM	100	0	17.83	17.80	17.67				
Channel				37625	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	22.70	22.80	22.52	24	0		
15	QPSK	1	37	22.43	22.60	22.21				
15	QPSK	1	74	22.48	22.27	22.55	23	1		
15	QPSK	36	0	21.37	21.53	21.52				
15	QPSK	36	20	21.49	21.44	21.46	23	1		
15	QPSK	36	39	21.25	21.40	21.54				
15	QPSK	75	0	21.36	21.46	21.38	23	1		
15	16QAM	1	0	21.46	21.30	21.47				
15	16QAM	1	37	21.19	21.54	21.39	23	1		
15	16QAM	1	74	21.47	21.32	21.29				
15	16QAM	36	0	20.29	20.33	20.31	22	2		
15	16QAM	36	20	20.34	20.61	20.32				
15	16QAM	36	39	20.33	20.20	20.37	22	2		
15	16QAM	75	0	20.25	20.30	20.15				
15	64QAM	1	0	20.10	20.30	20.17	22	2		
15	64QAM	1	37	20.05	20.08	20.37				
15	64QAM	1	74	20.40	20.36	20.44	21	3		
15	64QAM	36	0	19.41	19.44	19.34				
15	64QAM	36	20	19.23	19.30	19.30	21	3		
15	64QAM	36	39	19.32	19.26	19.42				
15	64QAM	75	0	19.24	19.34	19.15	19	5		
15	256QAM	1	0	17.46	17.24	17.27				
15	256QAM	1	37	17.25	17.38	17.46	19	5		
15	256QAM	1	74	17.19	17.41	17.24				
15	256QAM	36	0	17.23	17.37	17.23	19	5		
15	256QAM	36	20	17.46	17.42	17.50				
15	256QAM	36	39	17.29	17.41	17.33	19	5		
15	256QAM	75	0	17.31	17.38	17.44				
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	22.50	22.56	22.52	24	0		
10	QPSK	1	25	22.44	22.48	22.39				
10	QPSK	1	49	22.35	22.44	22.36	23	1		
10	QPSK	25	0	21.38	21.45	21.56				
10	QPSK	25	12	21.47	21.43	21.31	23	1		
10	QPSK	25	25	21.29	21.34	21.64				
10	QPSK	50	0	21.35	21.47	21.37	23	1		
10	16QAM	1	0	21.45	21.46	21.56				
10	16QAM	1	25	21.17	21.60	21.43	23	1		
10	16QAM	1	49	21.41	21.50	21.35				
10	16QAM	25	0	20.31	20.37	20.32	22	2		
10	16QAM	25	12	20.32	20.00	20.39				
10	16QAM	25	25	20.38	20.24	20.43	22	2		
10	16QAM	50	0	20.22	20.30	20.13				
10	64QAM	1	0	20.27	20.37	20.18	22	2		
10	64QAM	1	25	20.13	20.08	20.21				
10	64QAM	1	49	20.24	20.27	20.36	21	3		
10	64QAM	25	0	19.21	19.50	19.20				
10	64QAM	25	12	19.44	19.29	19.39	19	5		
10	64QAM	25	25	19.28	19.29	19.33				
10	64QAM	50	0	19.23	19.25	19.09	19	5		
10	256QAM	1	0	17.35	17.38	17.16				
10	256QAM	1	25	17.27	17.37	17.48	19	5		
10	256QAM	1	49	17.37	17.40	17.22				
10	256QAM	25	0	17.31	17.54	17.34	19	5		
10	256QAM	25	12	17.38	17.54	17.45				
10	256QAM	25	25	17.42	17.39	17.13	19	5		
10	256QAM	50	0	17.34	17.21	17.55				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2592.5	2595	2617.5				
5	QPSK	1	0	22.68	22.70	22.52	24	0		
5	QPSK	1	12	22.43	22.67	22.44				
5	QPSK	1	24	22.29	22.41	22.42	23	1		
5	QPSK	12	0	21.32	21.60	21.45				
5	QPSK	12	7	21.33	21.43	21.48	23	1		
5	QPSK	12	13	21.22	21.48	21.46				
5	QPSK	25	0	21.39	21.30	21.37	23	1		
5	16QAM	1	0	21.37	21.32	21.43				
5	16QAM	1	12	21.18	21.42	21.52	23	1		
5	16QAM	1	24	21.45	21.42	21.44				
5	16QAM	12	0	20.20	20.29	20.49	22	2		
5	16QAM	12	7	20.46	20.66	20.27				
5	16QAM	12	13	20.37	20.34	20.40	22	2		
5	16QAM	25	0	20.31	20.34	20.27				
5	64QAM	1	0	20.24	20.26	20.38	22	2		
5	64QAM	1	12	20.05	20.14	20.28				
5	64QAM	1	24	20.20	20.36	20.41	22	2		
5	64QAM	12	0	19.31	19.30	19.33				
5	64QAM	12	7	19.45	19.43	19.39	21	3		
5	64QAM	12	13	19.13	19.30	19.41				
5	64QAM	25	0	19.32	19.41	19.20	21	3		
5	64QAM	25	0	19.29	17.20	19.20				
5	256QAM	1	0	17.29	17.23	17.43	19	5		
5	256QAM	1	12	17.23	17.42	17.45				
5	256QAM	1	24	17.24	17.35	17.31	19	5		
5	256QAM	12	0	17.43	17.41	17.23				
5	256QAM	12	7	17.41	17.51	17.29	19	5		
5	256QAM	12	13	17.38	17.35	17.35				
5	256QAM	25	0	17.27	17.24	17.43	19	5		
5	256QAM	25	0	17.27	17.24	17.43				

Band 2 Ant 4										
BW (MHz)	Modulation	RB Size	RB Offset	Power Min Ch./Freq.	Power Max Ch./Freq.	Power Min Ch./Freq.	Power Max Ch./Freq.	Turn-up Time (sec)	MFR (dB)	
Channel										
Frequency (MHz)										
20	QPSK	1	0	20.45	20.61	20.46	20.62	21.0	0	
20	QPSK	1	49	20.35	20.52	20.36	20.53			
20	QPSK	1	99	20.35	20.56	20.46	20.66			
20	QPSK	50	0	20.30	20.48	20.40	20.49			
20	QPSK	50	24	20.22	20.42	20.37	20.47	21.0	0	
20	QPSK	50	50	20.22	20.37	20.22	20.37			
20	QPSK	100	0	20.30	20.56	20.34	20.59			
20	QPSK	100	24	20.34	20.53	20.38	20.56			
20	QPSK	1	49	20.35	20.50	20.29	20.44	21.0	0	
20	QPSK	1	99	20.19	20.41	20.19	20.41			
20	QPSK	50	0	19.99	19.99	19.99	19.99			
20	QPSK	50	24	19.95	19.99	20.04	20.04	21	0.9	
20	QPSK	50	50	20.07	20.13	20.04	20.04			
20	QPSK	100	0	19.95	19.95	20.00	20.00			
20	QPSK	1	0	19.98	19.99	19.92	19.92			
20	QPSK	1	49	19.99	20.02	19.91	19.91	21	0.9	
20	QPSK	50	0	19.91	19.97	19.95	19.95			
20	QPSK	50	24	19.96	19.90	19.98	19.98	20	1.9	
20	QPSK	50	50	19.94	19.96	19.13	19.13			
20	QPSK	100	0	19.10	19.15	19.13	19.13			
20	QPSK	1	49	17.08	17.08	17.07	17.07	18	3.9	
20	QPSK	1	99	17.08	17.05	17.07	17.07			
20	QPSK	50	0	17.01	17.03	17.01	17.01			
20	QPSK	50	24	17.07	17.07	16.98	16.98	18	3.9	
20	QPSK	50	50	17.00	17.00	17.04	17.04			
20	QPSK	100	0	16.99	16.99	17.00	17.00			
Channel										
Frequency (MHz)										
15	QPSK	1	0	20.35	20.59	20.34	20.34	21.0	0	
15	QPSK	1	49	20.18	20.19	20.37	20.37			
15	QPSK	1	74	20.42	20.31	20.35	20.35			
15	QPSK	50	0	20.44	20.51	20.35	20.35			
15	QPSK	50	24	20.27	20.37	20.40	20.40	21.0	0	
15	QPSK	50	50	20.07	20.44	20.23	20.23			
15	QPSK	100	0	20.34	20.53	20.33	20.33			
15	QPSK	100	24	20.17	20.39	20.37	20.37			
15	QPSK	1	37	20.49	20.19	20.46	20.46	21.0	0	
15	QPSK	1	99	17.09	17.09	17.09	17.09			
15	QPSK	50	0	19.85	19.89	19.80	19.80			
15	QPSK	50	24	19.96	19.92	19.96	19.96	21	0.9	
15	QPSK	50	50	19.94	19.94	19.94	19.94			
15	QPSK	100	0	19.95	19.95	19.98	19.98			
15	QPSK	1	0	20.00	19.92	19.90	19.90	21	0.9	
15	QPSK	1	49	19.97	19.97	19.97	19.97			
15	QPSK	1	74	19.94	19.95	19.10	19.10			
15	QPSK	50	0	19.99	19.93	19.97	19.97			
15	QPSK	50	24	19.98	19.93	19.98	19.98	20	1.9	
15	QPSK	50	50	19.90	19.97	19.13	19.13			
15	QPSK	100	0	19.91	19.97	19.13	19.13			
15	QPSK	100	24	19.91	19.97	19.13	19.13			
15	QPSK	1	37	17.04	17.11	16.78	16.78	18	3.9	
15	QPSK	1	74	16.89	16.92	16.86	16.86			
15	QPSK	50	0	16.87	16.87	16.86	16.86			
15	QPSK	50	24	16.85	16.87	16.86	16.86	18	3.9	
15	QPSK	50	50	16.85	16.87	16.77	16.77			
15	QPSK	100	0	16.87	16.78	16.83	16.83			
Channel										
Frequency (MHz)										
10	QPSK	1	0	19.92	19.92	19.92	19.92	21.0	0	
10	QPSK	1	25	20.14	20.40	20.30	20.30			
10	QPSK	1	49	20.47	20.33	20.39	20.39			
10	QPSK	50	0	20.37	20.37	20.37	20.37			
10	QPSK	50	24	20.20	20.29	20.24	20.24	21.0	0	
10	QPSK	50	25	20.36	20.45	20.31	20.31			
10	QPSK	100	0	20.36	20.33	20.38	20.38			
10	QPSK	1	0	20.22	20.50	20.43	20.43	21.0	0	
10	QPSK	1	25	20.41	20.23	20.38	20.38			
10	QPSK	50	0	19.91	19.90	19.93	19.93			
10	QPSK	50	24	19.90	19.90	19.93	19.93	21	0.9	
10	QPSK	50	25	19.74	19.79	19.96	19.96			
10	QPSK	100	0	19.98	19.98	19.98	19.98			
10	QPSK	1	0	19.75	19.95	19.88	19.88			
10	QPSK	1	25	19.83	19.86	19.73	19.73	21	0.9	
10	QPSK	50	0	19.82	19.83	19.78	19.78			
10	QPSK	50	24	20.01	19.91	19.95	19.95			
10	QPSK	50	25	19.84	19.88	19.96	19.96	20	1.9	
10	QPSK	100	0	19.81	19.87	19.95	19.95			
10	QPSK	1	0	19.88	19.91	19.12	19.12			
10	QPSK	1	25	19.94	19.09	19.11	19.11			
10	QPSK	50	0	19.89	19.07	19.10	19.10			
10	QPSK	50	24	19.85	19.07	19.10	19.10	18	3.9	
10	QPSK	50	25	19.88	19.03	19.08	19.08			
10	QPSK	100	0	19.88	19.03	19.08	19.08	18	3.9	
10	QPSK	1	0	19.87	19.02	19.04	19.04			
Channel										
Frequency (MHz)										
5	QPSK	1	0	19.92	19.92	19.92	19.92	21.0	0	
5	QPSK	1	12	20.14	20.25	20.44	20.44			
5	QPSK	1	24	20.31	20.43	20.45	20.45			
5	QPSK	12	0	20.31	20.48	20.48	20.48			
5	QPSK	12	7	20.30	20.29	20.24	20.24	21.0	0	
5	QPSK	12	13	20.15	20.48	20.34	20.34			
5	QPSK	1	0	20.36	20.33	20.43	20.43			
5	QPSK	1	0	20.33	20.52	20.39	20.39	21.0	0	
5	QPSK	1	12	20.44	20.21	20.37	20.37			
5	QPSK	1	24	20.35	20.19	20.34	20.34			
5	QPSK	12	0	19.99	19.91	19.79	19.79			
5	QPSK	12	7	19.96	19.85	19.95	19.95	21	0.9	
5	QPSK	12	13	20.00	20.09	20.80	20.80			
5	QPSK	1	0	19.96	20.01	19.97	19.97			
5	QPSK	1	0	19.85	19.83	19.88	19.88	21	0.9	
5	QPSK	1	12	19.92	19.89	19.71	19.71			
5	QPSK	1	24	19.84	19.84	19.91	19.91			
5	QPSK	12	0	19.88	19.83	19.90	19.90			
5	QPSK	12	7	19.85	19.12	19.87	19.87	20	1.9	
5	QPSK	12	13	19.92	19.88	19.96	19.96			
5	QPSK	1	0	19.96	19.87	17.05	17.05	18	3.9	
5	QPSK	1	12	17.19	17.11	16.97	16.97			
5	QPSK	1	24	16.92	16.97	16.96	16.96			
5	QPSK	12	0	16.86	16.89	17.10	17.10			
5	QPSK	12	7	16.94	17.08	16.94	16.94	18	3.9	
5	QPSK	12	13	16.87	16.90	16.83	16.83			
5	QPSK	25	0	16.89	17.15	16.88	16.88			
Channel										
Frequency (MHz)										
3	QPSK	1	0	20.35	20.59	20.36	20.36	21.0	0	
3	QPSK	1	8	20.23	20.07	20.28	20.28			
3	QPSK	1	14	20.24	20.37	20.39	20.39			
3	QPSK	8	0	20.21	20.31	20.44	20.44			
3	QPSK	8	8	20.21	20.06	20.28	20.28	21.0	0	
3	QPSK	8	7	20.15	20.42	20.32	20.32			
3	QPSK	15	0	20.22	20.45	20.32	20.32			
3	QPSK	1	0	20.28	20.46	20.42	20.42			
3	QPSK	1	8	20.41	20.19	20.47	20.47	21.0	0	
3	QPSK	1	14	20.31	20.32	20.36	20.36			
3	QPSK	8	0	19.88	19.98	19.91	19.91			
3	QPSK	8	4	19.73	19.87	19.86	19.86	21	0.9	
3	QPSK	1	0	19.94	20.07	19.79	19.79			
3	QPSK	15	0	19.92	19.90	19.83	19.83			
3	QPSK	1	0	19.89	19.93	19.83	19.83	21	0.9	
3	QPSK	1	8	19.94	19.88	19.86	19.86			
3	QPSK	1	14	19.91	19.86	19.91	19.91			
3	QPSK	8	0	19.89	19.87	19.91	19.91			
3	QPSK	8	4	19.89	19.82	19.87	19.87	20	1.9	
3	QPSK	8	7	19.05	19.05	19.05	19.05			
3	QPSK	1	0	19.94	19.93	19.93	19.93			
3	QPSK	1	8	19.96	19.89	19.91	19.91			
3	QPSK	1	14	19.93	19.92	19.97	19.97			
3	QPSK	1	0	19.96	17.02	16.87	16.87	18	3.9	
3	QPSK	1	8	17.12	17.12	17.06	17.06			
3	QPSK	1	14	17.02	17.09	16.94	16.94			
3	QPSK	8	0	16.84	16.89	16.89	16.89			
3	QPSK	8	4	16.84	16.86	16.86	16.86	18	3.9	
3	QPSK	8	7	16.84	16.89	16.96	16.96			
3	QPSK	15	0	16.96	17.12	16.96	16.96			
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	20.34	20.44	20.44	20.44	21.0	0	
1.4	QPSK	1	8	20.24	20.04	20.24	20.24			
1.4	QPSK	1	14	20.25	20.35	20.35	20.35			
1.4	QPSK	8	0	20.40	20.30	20.51	20.5			

Band 25 Ant 4																	
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Time-up (sec)	MPE (dB)									
Channel																	
Frequency (MHz)																	
20	QPSK	1	0	20.51	20.53	20.51	21.0	0									
20	QPSK	1	49	20.53	20.53	20.48											
20	QPSK	1	99	20.46	20.42	20.48	21.0	0									
20	QPSK	50	0	20.48	20.54	20.51											
20	QPSK	50	24	20.34	20.42	20.38	21.0	0									
20	QPSK	50	50	20.25	20.25	20.36											
20	QPSK	100	0	20.37	20.57	20.47	21.0	0									
20	16QAM	1	0	20.38	20.58	20.47											
20	16QAM	1	49	20.51	20.51	20.51	21.0	0									
20	16QAM	1	99	20.40	20.39	20.39											
20	16QAM	50	0	19.85	19.88	19.88	21	0.9									
20	16QAM	50	24	19.77	19.85	20.05											
20	16QAM	50	50	19.92	20.10	19.92	21	0.9									
20	16QAM	100	0	19.80	19.93	19.93											
20	64QAM	1	0	19.89	19.89	19.89	21	0.9									
20	64QAM	1	49	19.89	19.87	19.88											
20	64QAM	50	0	20.03	19.99	20.04	20	1.9									
20	64QAM	50	24	19.94	19.96	19.90											
20	64QAM	50	50	19.93	19.90	19.94	20	1.9									
20	64QAM	100	0	19.80	19.91	19.10											
20	256QAM	1	0	17.00	16.99	16.92	18	3.9									
20	256QAM	1	49	16.97	17.00	16.82											
20	256QAM	1	99	17.06	16.94	16.96	18	3.9									
20	256QAM	50	0	16.94	16.96	16.94											
20	256QAM	50	24	16.94	16.86	16.78	18	3.9									
20	256QAM	50	50	16.87	16.80	17.01											
20	256QAM	100	0	16.97	17.00	16.82											
Channel																	
Frequency (MHz)																	
15	QPSK	1	0	19.85	19.89	19.10	21.0	0									
15	QPSK	1	25	20.15	20.22	20.34											
15	QPSK	1	49	20.28	20.22	20.33	21.0	0									
15	QPSK	12	0	20.31	20.41	20.44											
15	QPSK	25	12	20.36	20.41	20.40	21.0	0									
15	QPSK	25	25	20.19	20.33	20.24											
15	16QAM	1	0	20.32	20.41	20.33	21.0	0									
15	16QAM	1	25	20.30	20.20	20.41											
15	16QAM	1	49	20.18	20.36	20.37	21	0.9									
15	16QAM	25	0	19.87	19.81	19.86											
15	16QAM	25	12	19.82	19.85	19.85	21	0.9									
15	16QAM	25	25	19.88	19.88	19.88											
15	16QAM	50	0	19.78	19.88	19.87	21	0.9									
15	16QAM	1	0	19.81	19.89	19.78											
15	64QAM	1	0	19.78	19.88	19.88	20	1.9									
15	64QAM	1	49	19.88	19.84	19.80											
15	64QAM	25	0	19.01	19.87	19.87	20	1.9									
15	64QAM	25	25	19.85	19.88	19.88											
15	64QAM	50	0	19.91	19.92	19.92	18	3.9									
15	256QAM	1	0	17.00	17.00	16.96											
15	256QAM	1	25	17.11	17.03	16.81	18	3.9									
15	256QAM	1	49	16.93	16.99	17.09											
15	256QAM	25	0	16.81	16.82	16.82	18	3.9									
15	256QAM	25	12	16.98	17.07	16.78											
15	256QAM	25	25	17.00	16.86	16.88	18	3.9									
15	256QAM	50	0	16.84	17.00	16.90											
Channel																	
Frequency (MHz)																	
5	QPSK	1	0	20.38	20.40	20.44	21.0	0									
5	QPSK	1	12	20.33	20.31	20.31											
5	QPSK	1	24	20.32	20.28	20.32	21.0	0									
5	QPSK	12	0	20.31	20.41	20.41											
5	QPSK	12	7	20.32	20.28	20.31	21.0	0									
5	QPSK	12	13	20.16	20.31	20.16											
5	16QAM	1	0	20.37	20.47	20.37	21.0	0									
5	16QAM	1	0	20.27	20.41	20.28											
5	16QAM	1	12	20.52	20.10	20.52	21.0	0									
5	16QAM	1	12	20.23	20.09	20.52											
5	16QAM	12	0	19.87	19.86	19.86	21	0.9									
5	16QAM	12	7	19.98	19.77	19.89											
5	16QAM	12	13	20.02	20.02	20.02	21	0.9									
5	16QAM	25	0	19.96	20.00	19.82											
5	16QAM	1	0	19.99	19.84	19.88	21	0.9									
5	16QAM	1	12	20.00	19.84	19.80											
5	16QAM	1	24	19.90	19.86	19.87	20	1.9									
5	16QAM	12	0	19.87	19.80	19.82											
5	16QAM	12	13	19.87	19.87	19.87	20	1.9									
5	16QAM	25	0	19.96	19.92	19.92											
5	16QAM	1	0	19.99	19.89	19.89	21	0.9									
5	16QAM	1	12	20.00	19.89	19.89											
5	16QAM	1	24	19.90	19.86	19.87	20	1.9									
5	16QAM	12	0	19.87	19.80	19.82											
5	16QAM	12	13	19.87	19.87	19.87	20	1.9									
5	16QAM	25	0	19.96	19.92	19.92											
5	16QAM	1	0	19.99	19.89	19.89	21	0.9									
5	16QAM	1	12	20.00	19.89	19.89											
5	16QAM	1	24	19.90	19.86	19.87	20	1.9									
5	16QAM	12	0	19.87	19.80	19.82											
5	16QAM	12	13	19.87	19.87	19.87	20	1.9									
5	16QAM	25	0	19.96	19.92	19.92											
5	16QAM	1	0	19.99	19.89	19.89	21	0.9									
5	16QAM	1	12	20.00	19.89	19.89											
5	16QAM	1	24	19.90	19.86	19.87	20	1.9									
5	16QAM	12	0	19.87	19.80	19.82											
5	16QAM	12	13	19.87	19.87	19.87	20	1.9									
5	16QAM	25	0	19.96	19.92	19.92											
5	16QAM	1	0	19.99	19.89	19.89	21	0.9									
5	16QAM	1	12	20.00	19.89	19.89											
5	16QAM	1	24	19.90	19.86	19.87	20	1.9									
5	16QAM	12	0	19.87	19.80	19.82											
5	16QAM	12	13	19.87	19.87	19.87	20	1.9									
5	16QAM	25	0	19.96	19.92	19.92											
5	16QAM	1	0	19.99	19.89	19.89	21	0.9									
5	16QAM	1	12	20.00	19.89	19.89											
5	16QAM	1	24	19.90	19.86	19.87	20	1.9									
5	16QAM	12	0	19.87	19.80	19.82											
5	16QAM	12	13	19.87	19.87	19.87	20	1.9									
5	16QAM	25	0	19.96	19.92	19.92											
5	16QAM	1	0	19.99	19.89	19.89	21	0.9									
5	16QAM	1	12	20.00	19.89	19.89											
5	16QAM	1	24	19.90	19.86	19.87	20	1.9									
5	16QAM	12	0	19.87	19.80	19.82											
5	16QAM	12	13	19.87	19.87	19.87	20	1.9									
5	16QAM	25	0	19.96	19.92	19.92											
5	16QAM	1	0	19.99	19.89	19.89	21	0.9									
5	16QAM	1	12	20.00	19.89	19.89											
5	16QAM	1	24	19.90	19.86	19.87	20	1.9									
5	16QAM	12	0	19.87	19.80	19.82											
5	16QAM	12	13	19.87	19.87	19.87	20	1.9									
5	16QAM	25	0	19.96	19.92	19.92											
5	16QAM	1	0	19.99	19.89	19.89	21	0.9									
5	16QAM	1	12	20.00	19.89	19.89											
5	16QAM	1	24	19.90	19.86	19.87	20	1.9									
5	16QAM	12	0	19.87	19.80	19.82											
5	16QAM	12	13	19.87	19.87	19.87	20	1.9									
5	16QAM	25	0	19.96	19.92	19.92											
5	16QAM	1	0	19.99	19.89	19.89	21	0.9									
5	16QAM	1	12	20.00	19.89	19.89											
5	16QAM	1	24	19.90	19.86	19.87	20	1.9									
5	16QAM	12	0	19.87	19.80	19.82											
5	16QAM	12	13	19.87	19.87	19.87	20	1.9									
5	16QAM	25	0	19.96	19.92	19.92											
5	16QAM	1	0	19.99	19.89	19.89	21	0.9									
5	16QAM	1	12	20.00	19.89	19.89											
5	16QAM	1	24	19.90	19.86	19.87	20	1.9									
5	16QAM	12	0	19.87	19.80	19.82											
5	16QAM	12	13	19.87	19.87	19.87	20	1.9									
5	16QAM	25	0	19.96	19.92	19.92											
5	16QAM	1	0	19.99	19.89	19.89	21	0.9									
5	16QAM	1	12	20.00	19.89	19.89											
5	16QAM	1	24	19.90	19.86	19.87	20	1.9									
5	16QAM	12	0	19.87	19.80	19.82											
5	16QAM	12	13	19.87	19.87	19.87	20	1.9									
5	16QAM	25	0	19.96	19.92	19.92											
5	16QAM	1	0	19.99	19.89	19.89	21	0.9									
5	16QAM	1	12	20.00	19.89	19.89											
5	16QAM	1	24	19.90	19.86	19.87	20	1.9									
5	16QAM	12	0	19.87	19.80	19.82											
5	16QAM	12	13	19.87	19.87	19.87	20	1.9									
5	16QAM	25	0	19.96	19.92	19.92											
5	16QAM	1	0	19.99	19.89	19.89	21	0.9									
5	16QAM	1	12	20.00	19.89	19.89											
5	16QAM	1	24	19.90	19.86	19.87	20	1.9									
5	16QAM	12	0	19.87	19.80	19.82											
5	16QAM	12	13	19.87	19.87	19.87	20	1.9									
5	16QAM	25	0	19.96	19.92	19.92											
5	16QAM	1	0	19.99	19.89	19.89	21	0.9									
5	16QAM	1	12	2													

Band 38 Ant 4												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	20.67	20.77	20.72	22	0				
20	QPSK	1	49	20.65	20.75	20.69						
20	QPSK	1	99	20.59	20.62	20.70						
20	QPSK	50	0	20.63	20.75	20.62	22	0				
20	QPSK	50	24	20.63	20.67	20.63						
20	QPSK	50	50	20.66	20.64	20.70						
20	QPSK	100	0	20.71	20.73	20.64	22	0				
20	16QAM	1	0	20.70	20.69	20.70						
20	16QAM	1	49	20.66	20.73	20.63						
20	16QAM	1	99	20.59	20.73	20.61	22	0				
20	16QAM	50	0	20.51	20.70	20.44						
20	16QAM	50	24	20.42	20.57	20.52						
20	16QAM	50	50	20.57	20.76	20.41	22	0				
20	16QAM	100	0	20.41	20.59	20.53						
20	64QAM	1	0	20.43	20.72	20.38				22	0	
20	64QAM	1	49	20.41	20.68	20.42						
20	64QAM	1	99	20.55	20.64	20.58						
20	64QAM	50	0	19.41	19.55	19.55	21	1				
20	64QAM	50	24	19.59	19.60	19.52						
20	64QAM	50	50	19.40	19.73	19.40						
20	64QAM	100	0	19.52	19.72	19.44	19	3				
20	256QAM	1	0	17.49	17.61	17.45						
20	256QAM	1	49	17.58	17.72	17.37						
20	256QAM	1	99	17.50	17.66	17.57	19	3				
20	256QAM	50	0	17.36	17.58	17.49						
20	256QAM	50	24	17.40	17.60	17.49						
20	256QAM	50	50	17.55	17.78	17.43	21	1				
20	256QAM	100	0	17.51	17.72	17.51						
Channel												
Frequency (MHz)												
15	QPSK	1	0	20.63	20.65	20.62	22	0				
15	QPSK	1	37	20.72	20.72	20.64						
15	QPSK	1	74	20.64	20.67	20.63						
15	QPSK	36	0	20.58	20.74	20.70	22	0				
15	QPSK	36	20	20.60	20.73	20.67						
15	QPSK	36	39	20.70	20.75	20.68						
15	QPSK	75	0	20.71	20.64	20.59	22	0				
15	16QAM	1	0	20.63	20.68	20.62						
15	16QAM	1	37	20.65	20.67	20.67						
15	16QAM	1	74	20.65	20.72	20.68	22	0				
15	16QAM	36	0	20.43	20.50	20.39						
15	16QAM	36	20	20.29	20.41	20.53						
15	16QAM	36	39	20.46	20.62	20.40	22	0				
15	16QAM	75	0	20.37	20.56	20.40						
15	64QAM	1	0	20.26	20.71	20.39						
15	64QAM	1	37	20.32	20.46	20.24	22	0				
15	64QAM	1	74	20.45	20.61	20.51						
15	64QAM	36	0	19.26	19.37	19.55						
15	64QAM	36	20	19.39	19.57	19.34	21	1				
15	64QAM	36	39	19.35	19.54	19.39						
15	64QAM	75	0	19.44	19.60	19.29						
15	256QAM	1	0	17.34	17.50	17.32	19	3				
15	256QAM	1	37	17.49	17.61	17.36						
15	256QAM	1	74	17.42	17.56	17.40						
15	256QAM	36	0	17.44	17.54	17.36	19	3				
15	256QAM	36	20	17.31	17.45	17.49						
15	256QAM	36	39	17.49	17.79	17.43						
15	256QAM	75	0	17.46	17.72	17.36	21	1				
Channel												
Frequency (MHz)												
10	QPSK	1	0	20.73	20.90	20.85	22	0				
10	QPSK	1	25	20.66	20.73	20.64						
10	QPSK	1	49	20.63	20.73	20.70						
10	QPSK	25	0	20.60	20.71	20.71	22	0				
10	QPSK	25	12	20.66	20.63	20.72						
10	QPSK	25	25	20.59	20.65	20.66						
10	QPSK	50	0	20.65	20.63	20.71	22	0				
10	16QAM	1	0	20.69	20.67	20.69						
10	16QAM	1	25	20.69	20.73	20.60						
10	16QAM	1	49	20.59	20.63	20.62	22	0				
10	16QAM	25	0	20.31	20.54	20.33						
10	16QAM	25	12	20.31	20.43	20.49						
10	16QAM	25	25	20.53	20.65	20.41	22	0				
10	16QAM	50	0	20.29	20.43	20.49						
10	64QAM	1	0	20.31	20.71	20.25						
10	64QAM	1	25	20.28	20.50	20.29	22	0				
10	64QAM	1	49	20.56	20.42	20.40						
10	64QAM	25	0	19.35	19.45	19.39						
10	64QAM	25	12	19.58	19.55	19.47	21	1				
10	64QAM	25	25	19.33	19.68	19.37						
10	64QAM	50	0	19.31	19.71	19.27						
10	256QAM	1	0	17.39	17.42	17.26	19	3				
10	256QAM	1	25	17.43	17.71	17.30						
10	256QAM	1	49	17.48	17.52	17.47						
10	256QAM	25	0	17.38	17.60	17.37	19	3				
10	256QAM	25	12	17.21	17.57	17.38						
10	256QAM	25	25	17.52	17.68	17.34						
Channel												
Frequency (MHz)												
5	QPSK	1	0	20.64	20.67	20.58	22	0				
5	QPSK	1	12	20.61	20.71	20.68						
5	QPSK	1	24	20.65	20.61	20.67						
5	QPSK	12	0	20.67	20.74	20.64	22	0				
5	QPSK	12	7	20.62	20.72	20.71						
5	QPSK	12	13	20.66	20.66	20.68						
5	QPSK	25	0	20.68	20.69	20.71	22	0				
5	16QAM	1	0	20.69	20.75	20.60						
5	16QAM	1	12	20.71	20.62	20.63						
5	16QAM	1	24	20.70	20.70	20.63	22	0				
5	16QAM	12	0	20.40	20.57	20.45						
5	16QAM	12	7	20.43	20.56	20.34						
5	16QAM	12	13	20.51	20.66	20.25	22	0				
5	16QAM	25	0	20.29	20.53	20.52						
5	64QAM	1	0	20.32	20.56	20.31						
5	64QAM	1	12	20.21	20.48	20.43	22	0				
5	64QAM	1	24	20.38	20.59	20.58						
5	64QAM	12	0	19.42	19.50	19.41						
5	64QAM	12	7	19.59	19.57	19.39	21	1				
5	64QAM	12	13	19.30	19.62	19.37						
5	64QAM	25	0	19.45	19.61	19.29						
5	256QAM	1	0	17.27	17.59	17.31	19	3				
5	256QAM	1	12	17.52	17.62	17.28						
5	256QAM	1	24	17.38	17.45	17.57						
5	256QAM	12	0	17.35	17.42	17.50	19	3				
5	256QAM	12	7	17.27	17.57	17.40						
5	256QAM	12	13	17.35	17.67	17.31						
5	256QAM	25	0	17.38	17.57	17.47	19	3				
5	256QAM	25	0	17.38	17.57	17.47						

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	40085	40600	41065	41460			
20	QPSK	1	0	20.69	20.71	20.79	20.76	20.67			
20	QPSK	1	49	20.74	20.68	20.75	20.63	20.71	22	0	
20	QPSK	1	99	20.75	20.74	20.78	20.75	20.71			
20	QPSK	50	0	20.74	20.75	20.78	20.71	20.63			
20	QPSK	50	0	20.69	20.74	20.79	20.71	20.73	22	0	
20	QPSK	50	50	20.74	20.70	20.74	20.76	20.72			
20	QPSK	100	0	20.64	20.73	20.77	20.65	20.65			
20	16QAM	1	0	20.63	20.64	20.66	20.72	20.65			
20	16QAM	1	49	20.65	20.71	20.71	20.73	20.72	22	0	
20	16QAM	1	99	20.74	20.64	20.69	20.63	20.72			
20	16QAM	50	0	20.38	20.38	20.65	20.61	20.41			
20	16QAM	50	24	20.48	20.27	20.45	20.61	20.56	22	0	
20	16QAM	50	50	20.55	20.43	20.49	20.60	20.56			
20	16QAM	100	0	20.51	20.43	20.52	20.61	20.53			
20	64QAM	1	0	20.52	20.25	20.60	20.54	20.61			
20	64QAM	1	49	20.40	20.42	20.58	20.49	20.63	22	0	
20	64QAM	1	99	20.49		20.38	20.50	20.47			
20	64QAM	50	0	19.39	19.30	19.51	19.57	19.54			
20	64QAM	50	24	19.39	19.44	19.53	19.48	19.50	21	1	
20	64QAM	50	50	19.38	19.25	19.52	19.65	19.43			
20	64QAM	100	0	19.38	19.22	19.61	19.65	19.61			
20	256QAM	1	0	17.50	17.44	17.51	17.54	17.51	19	3	
20	256QAM	1	49	17.47	17.44	17.59	17.54	17.52			
20	256QAM	1	99	17.49	17.42	17.56	17.54	17.47			
20	256QAM	50	0	17.48	17.39	17.58	17.56	17.47	19	3	
20	256QAM	50	24	17.46	17.23	17.66	17.58	17.44			
20	256QAM	50	50	17.57	17.36	17.50	17.48	17.44			
20	256QAM	100	0	17.57	17.36	17.66	17.43	17.41			
Channel Frequency (MHz)				39725 <th>40173<th>40620<th>41068<th>41515<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th></th></th>	40173 <th>40620<th>41068<th>41515<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th></th>	40620 <th>41068<th>41515<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th>	41068 <th>41515<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th>	41515 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	20.67	20.68	20.74	20.65	20.67			
15	QPSK	1	37	20.64	20.66	20.73	20.59	20.68	22	0	
15	QPSK	1	74	20.69	20.65	20.73	20.63	20.68			
15	QPSK	36	0	20.68	20.65	20.70	20.63	20.59			
15	QPSK	36	20	20.64	20.66	20.73	20.60	20.60	22	0	
15	QPSK	36	39	20.60	20.58	20.68	20.67	20.62			
15	QPSK	75	0	20.71	20.65	20.68	20.64	20.68			
15	16QAM	1	0	20.67	20.58	20.74	20.71	20.66	22	0	
15	16QAM	1	37	20.65	20.71	20.68	20.50	20.70			
15	16QAM	1	74	20.61	20.67	20.68	20.58	20.72			
15	16QAM	36	0	20.20	20.17	20.44	20.64	20.35			
15	16QAM	36	20	20.37	20.25	20.31	20.53	20.47	22	0	
15	16QAM	36	39	20.44	20.33	20.33	20.55	20.51			
15	16QAM	75	0	20.45	20.26	20.40	20.48	20.41			
15	64QAM	1	0	20.45	20.28	20.35	20.48	20.52			
15	64QAM	1	37	20.23	20.30	20.46	20.38	20.59	22	0	
15	64QAM	1	74	20.39	20.21	20.48	20.38	20.28			
15	64QAM	36	0	19.36	19.30	19.38	19.42	19.41			
15	64QAM	36	20	19.28	19.44	19.40	19.27	19.41	21	1	
15	64QAM	36	39	19.26	19.38	19.30	19.50	19.44			
15	64QAM	75	0	19.32	19.02	19.40	19.45	19.51			
15	256QAM	1	0	17.33	17.37	17.41	17.43	17.36			
15	256QAM	1	37	17.27	17.44	17.42	17.36	17.47	19	3	
15	256QAM	1	74	17.50	17.41	17.39	17.56	17.45			
15	256QAM	36	0	17.43	17.39	17.37	17.53	17.35			
15	256QAM	36	20	17.34	17.10	17.45	17.53	17.40	19	3	
15	256QAM	36	39	17.40	17.23	17.29	17.31	17.35			
15	256QAM	75	0	17.58	17.23	17.44	17.30	17.27			
Channel Frequency (MHz)				39700 <th>40160<th>40620<th>41080<th>41540<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th></th></th>	40160 <th>40620<th>41080<th>41540<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th></th>	40620 <th>41080<th>41540<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th>	41080 <th>41540<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th>	41540 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	20.58	20.70	20.72	20.63	20.63			
10	QPSK	1	25	20.72	20.69	20.69	20.58	20.65	22	0	
10	QPSK	1	49	20.62	20.60	20.62	20.61	20.70			
10	QPSK	25	0	20.66	20.64	20.68	20.72	20.61			
10	QPSK	25	12	20.68	20.62	20.70	20.59	20.69	22	0	
10	QPSK	25	25	20.63	20.67	20.67	20.66	20.65			
10	QPSK	36	0	20.62	20.72	20.71	20.66	20.62			
10	16QAM	1	0	20.64	20.71	20.71	20.59	20.72	22	0	
10	16QAM	1	25	20.72	20.64	20.67	20.62	20.64			
10	16QAM	1	49	20.60	20.62	20.74	20.66	20.68			
10	16QAM	25	0	20.38	20.24	20.59	20.59	20.41	22	0	
10	16QAM	25	12	20.27	20.28	20.34	20.46	20.48			
10	16QAM	25	25	20.53	20.44	20.40	20.40	20.36			
10	16QAM	50	0	20.48	20.22	20.39	20.53	20.36			
10	64QAM	1	0	20.49	20.09	20.54	20.50	20.53			
10	64QAM	1	25	20.29	20.27	20.46	20.40	20.51	22	0	
10	64QAM	1	49	20.44	20.15	20.47	20.37	20.46			
10	64QAM	25	0	19.31	19.29	19.39	19.40	19.54			
10	64QAM	25	12	19.21	19.34	19.43	19.35	19.51	21	1	
10	64QAM	25	25	19.18	19.16	19.50	19.63	19.26			
10	64QAM	50	0	19.33	19.21	19.48	19.64	19.42			
10	256QAM	1	0	17.31	17.40	17.38	17.44	17.47			
10	256QAM	1	25	17.33	17.30	17.46	17.51	17.43	19	3	
10	256QAM	1	49	17.32	17.38	17.38	17.53	17.34			
10	256QAM	25	0	17.30	17.37	17.56	17.40	17.38			
10	256QAM	25	12	17.32	17.08	17.54	17.51	17.40	19	3	
10	256QAM	25	25	17.35	17.21	17.51	17.28	17.47			
10	256QAM	50	0	17.55	17.19	17.57	17.32	17.38			
Channel Frequency (MHz)				39675 <th>40145<th>40600<th>41050<th>41505<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th></th></th>	40145 <th>40600<th>41050<th>41505<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th></th>	40600 <th>41050<th>41505<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th></th>	41050 <th>41505<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th>	41505 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	20.68	20.68	20.65	20.64	20.63	22	0	
5	QPSK	1	12	20.63	20.58	20.72	20.66	20.61			
5	QPSK	1	24	20.65	20.69	20.67	20.58	20.63			
5	QPSK	12	0	20.69	20.69	20.71	20.72	20.67	22	0	
5	QPSK	12	6	20.64	20.70	20.74	20.66	20.62			
5	QPSK	12	13	20.64	20.59	20.66	20.71	20.62			
5	QPSK	25	0	20.67	20.64	20.61	20.62	20.65			
5	16QAM	1	0	20.71	20.66	20.68	20.72	20.69			
5	16QAM	1	12	20.68	20.68	20.73	20.60	20.67	22	0	
5	16QAM	1	24	20.59	20.62	20.63	20.59	20.61			
5	16QAM	12	0	20.26	20.29	20.62	20.54	20.36			
5	16QAM	12	7	20.31	20.13	20.28	20.49	20.34	22	0	
5	16QAM	12	13	20.41	20.45	20.44	20.62	20.40			
5	16QAM	25	0	20.45	20.34	20.33	20.48	20.55			
5	64QAM	1	0	20.35	20.26	20.52	20.34	20.45	22	0	
5	64QAM	1	12	20.36	20.35	20.38	20.32	20.47			
5	64QAM	1	24	20.30	20.12	20.47	20.33	20.44			
5	64QAM	12	0	19.33	19.22	19.52	19.46	19.43			
5	64QAM	12	7	19.26	19.25	19.41	19.47	19.49	21	1	
5	64QAM	12	13	19.37	19.19	19.48	19.62	19.37			
5	64QAM	25	0	19.21	19.22	19.53	19.64	19.36			
5	256QAM	1	0	17.28	17.44	17.34	17.56	17.38	19	3	
5	256QAM	1	12	17.35	17.38	17.48	17.41	17.50			
5	256QAM	1	24	17.48	17.36	17.56	17.37	17.33			
5	256QAM	12	0	17.31	17.18	17.39	17.42	17.34			
5	256QAM	12	7	17.44	17.28	17.48	17.41	17.34	19	3	
5	256QAM	12	13	17.37	17.29	17.42	17.36	17.45			
5	256QAM	25	0	17.37	17.28	17.88	17.38	17.31			

Band 42 FCC Part27Q 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				42190	42590	42990	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3460	3500	3540					
20	QPSK	1	0	20.18	20.23	20.16	21.6	0			
20	QPSK	1	49	20.09	20.21	20.17					
20	QPSK	1	99	20.16	20.10	20.11					
20	QPSK	50	0	20.10	20.22	20.06	21.6	0			
20	QPSK	50	24	20.13	20.20	20.18					
20	QPSK	50	50	20.05	20.17	20.11					
20	QPSK	100	0	20.13	20.18	20.05	21.6	0			
20	16QAM	1	0	20.09	20.13	20.18					
20	16QAM	1	49	20.09	20.08	20.06					
20	16QAM	1	99	20.06	20.12	20.18	21.6	0			
20	16QAM	50	0	20.12	20.14	20.07					
20	16QAM	50	24	20.17	20.21	20.08					
20	16QAM	50	50	20.14	20.21	20.18	21.6	0			
20	16QAM	100	0	20.13	20.21	20.14					
20	64QAM	1	0	20.18	20.15	20.11					
20	64QAM	1	49	20.09	20.21	20.10	21.6	0			
20	64QAM	1	99	20.13	20.19	20.09					
20	64QAM	50	0	20.19	20.18	20.18					
20	64QAM	50	24	20.14	20.15	20.11	21	0.6			
20	64QAM	50	50	20.18	20.22	20.11					
20	64QAM	100	0	20.10	20.16	20.15					
20	256QAM	1	0	18.04	18.18	18.06	19	2.6			
20	256QAM	1	49	17.91	18.19	18.09					
20	256QAM	1	99	18.08	18.11	18.14					
20	256QAM	50	0	17.92	18.30	17.95	19	2.6			
20	256QAM	50	24	18.12	18.14	18.07					
20	256QAM	50	50	18.01	18.25	18.13					
20	256QAM	100	0	18.07	18.29	18.17	Tune-up limit (dBm)	MPR (dB)			
Channel				42165	42590	43015					
Frequency (MHz)				3457.5	3500	3542.5					
15	QPSK	1	0	20.06	20.13	20.02	21.6	0			
15	QPSK	1	37	20.04	20.10	20.02					
15	QPSK	1	74	20.02	20.07	20.06					
15	QPSK	36	0	20.06	20.10	20.13	21.6	0			
15	QPSK	36	20	20.07	20.12	20.01					
15	QPSK	36	39	20.06	20.09	20.11					
15	QPSK	75	0	20.11	20.13	20.14	21.6	0			
15	16QAM	1	0	20.06	20.11	20.12					
15	16QAM	1	37	20.12	20.05	20.03					
15	16QAM	1	74	20.07	20.05	20.08	21.6	0			
15	16QAM	36	0	20.02	20.16	20.08					
15	16QAM	36	20	20.10	20.16	20.11					
15	16QAM	36	39	20.05	20.08	20.07	21.6	0			
15	16QAM	75	0	20.06	20.15	20.12					
15	64QAM	1	0	20.12	20.09	20.13					
15	64QAM	1	37	20.02	20.10	20.08	21.6	0			
15	64QAM	1	74	20.01	20.08	20.10					
15	64QAM	36	0	20.08	20.10	20.11					
15	64QAM	36	20	20.08	20.07	20.05	21	0.6			
15	64QAM	36	39	20.13	20.11	20.02					
15	64QAM	75	0	20.00	20.08	20.13					
15	256QAM	1	0	17.98	18.15	17.86	19	2.6			
15	256QAM	1	37	17.77	18.01	18.10					
15	256QAM	1	74	18.06	18.05	18.06					
15	256QAM	36	0	17.85	18.21	17.75	19	2.6			
15	256QAM	36	20	17.92	18.10	17.90					
15	256QAM	36	39	17.98	18.12	18.08					
15	256QAM	75	0	18.00	18.21	17.95	Tune-up limit (dBm)	MPR (dB)			
Channel				42140	42590	43040					
Frequency (MHz)				3455	3500	3545					
10	QPSK	1	0	20.11	20.17	20.09	21.6	0			
10	QPSK	1	25	20.05	20.17	20.05					
10	QPSK	1	49	20.06	20.15	20.06					
10	QPSK	25	0	20.01	20.11	20.02	21.6	0			
10	QPSK	25	12	20.10	20.06	20.06					
10	QPSK	25	25	20.08	20.13	20.05					
10	QPSK	50	0	20.05	20.16	20.02	21.6	0			
10	16QAM	1	0	20.03	20.13	20.09					
10	16QAM	1	25	20.07	20.08	20.12					
10	16QAM	1	49	20.10	20.16	20.04	21.6	0			
10	16QAM	25	0	20.05	20.05	20.07					
10	16QAM	25	12	20.06	20.07	20.13					
10	16QAM	25	25	20.05	20.06	20.13	21	0.6			
10	64QAM	50	0	20.07	20.09	20.11					
10	256QAM	1	0	17.99	17.99	17.88					
10	256QAM	1	25	17.89	18.14	17.99	19	2.6			
10	256QAM	1	49	18.06	18.01	17.96					
10	256QAM	25	0	17.91	18.18	17.79					
10	256QAM	25	12	17.98	18.07	17.89	19	2.6			
10	256QAM	25	25	17.79	18.08	17.96					
10	256QAM	50	0	18.04	18.13	17.99					
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3452.5	3500	3547.5					
5	QPSK	1	0	20.08	20.17	20.09	21.6			0	
5	QPSK	1	12	20.11	20.11	20.05					
5	QPSK	1	24	20.09	20.09	20.03					
5	QPSK	12	0	20.04	20.05	20.12	21.6	0			
5	QPSK	12	7	20.12	20.04	20.06					
5	QPSK	12	13	20.01	20.07	20.00					
5	QPSK	25	0	20.02	20.06	20.01	21.6	0			
5	16QAM	1	0	20.01	20.11	20.09					
5	16QAM	1	12	20.09	20.09	20.03					
5	16QAM	1	24	20.11	20.14	20.09	21.6	0			
5	16QAM	12	0	20.05	20.14	20.05					
5	16QAM	12	7	20.08	20.06	20.07					
5	16QAM	12	13	20.14	20.15	20.11	21.6	0			
5	16QAM	25	0	20.04	20.09	20.01					
5	64QAM	1	0	20.02	20.07	20.06					
5	64QAM	1	12	20.01	20.14	20.10	21.6	0			
5	64QAM	1	24	20.07	20.13	20.07					
5	64QAM	12	0	20.12	20.09	20.03					
5	64QAM	12	7	20.02	20.03	20.06	21	0.6			
5	64QAM	12	13	20.07	20.11	20.13					
5	64QAM	25	0	20.04	20.10	20.14					
5	256QAM	1	0	18.04	18.07	18.02	19	2.6			
5	256QAM	1	12	17.83	18.16	17.96					
5	256QAM	1	24	18.06	18.05	18.08					
5	256QAM	12	0	17.90	18.25	17.78	19	2.6			
5	256QAM	12	7	18.00	18.13	17.99					
5	256QAM	12	13	17.92	18.26	18.15					
5	256QAM	25	0	18.04	18.15	18.15					

Reduced Power Mode for DSI7

GSM850 Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		124	168	251		124	168	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.75	32.84	32.78	33.50	23.75	23.84	23.78	24.50
GPRS 1 Tx slot		32.72	32.81	32.76	33.50	23.72	23.81	23.76	24.50
GPRS 2 Tx slots		29.53	29.31	29.65	30.50	23.53	23.31	23.55	24.50
GPRS 3 Tx slots		27.72	27.53	27.50	28.50	23.48	23.27	23.24	24.24
GPRS 4 Tx slots		26.41	26.38	26.30	27.50	23.41	23.38	23.30	24.50
EDGE 1 Tx slot		26.76	26.71	26.73	27.50	17.76	17.71	17.73	18.50
EDGE 2 Tx slots		25.39	25.32	25.35	26.50	19.39	19.32	19.35	20.50
EDGE 3 Tx slots		23.86	23.66	23.70	24.50	19.60	19.40	19.44	20.24
EDGE 4 Tx slots		21.64	21.65	21.54	22.50	18.64	18.65	18.54	19.50

Band		WCDMA V Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		824.2	836.4	848.8	
3GPP Rel 99 RMC 12.2Kbps		22.93	22.95	22.73	24.00
3GPP Rel 99 RMC 12.2Kbps		22.95	23.03	22.96	24.00
3GPP Rel 6 HSDPA Subtest-1		22.05	22.00	21.90	23.00
3GPP Rel 6 HSDPA Subtest-2		22.01	21.96	21.99	23.00
3GPP Rel 6 HSDPA Subtest-3		21.53	21.58	21.52	22.50
3GPP Rel 6 HSDPA Subtest-4		21.47	21.40	21.52	22.50
3GPP Rel 8 DCHSDPA Subtest-1		22.02	21.95	22.03	23.00
3GPP Rel 8 DCHSDPA Subtest-2		22.04	22.04	21.82	23.00
3GPP Rel 8 DCHSDPA Subtest-3		21.50	21.48	21.37	22.50
3GPP Rel 8 DCHSDPA Subtest-4		21.37	21.62	21.49	22.50
3GPP Rel 6 HSUPA Subtest-1		21.93	22.02	22.03	23.00
3GPP Rel 6 HSUPA Subtest-2		20.05	19.97	19.86	21.00
3GPP Rel 6 HSUPA Subtest-3		21.05	20.94	20.85	22.00
3GPP Rel 6 HSUPA Subtest-4		19.84	20.12	20.03	21.00
3GPP Rel 6 HSUPA Subtest-5		21.85	22.14	21.86	23.00

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	22.83	22.94	22.88	24	0		
10	QPSK	1	25	22.65	22.90	22.89				
10	QPSK	1	49	22.79	22.91	22.83				
10	QPSK	25	0	21.88	22.07	22.00				
10	QPSK	25	12	22.03	21.85	21.97	23	1		
10	QPSK	25	25	22.06	21.97	21.86				
10	QPSK	50	0	21.94	22.03	21.89				
10	16QAM	1	0	21.95	22.04	22.01				
10	16QAM	1	25	21.92	21.86	21.99	23	1		
10	16QAM	1	49	22.05	21.95	22.03				
10	16QAM	25	0	21.02	21.02	20.87				
10	16QAM	25	12	21.00	20.90	21.05				
10	16QAM	25	25	21.03	20.86	20.86	22	2		
10	16QAM	50	0	20.95	20.84	21.01				
10	64QAM	1	0	20.35	20.94	20.87				
10	64QAM	1	25	20.95	20.88	20.93				
10	64QAM	1	49	21.08	20.90	20.88	22	2		
10	64QAM	25	0	19.93	19.90	19.84				
10	64QAM	25	12	19.87	19.92	20.03				
10	64QAM	25	25	19.94	19.84	19.92				
10	64QAM	50	0	19.93	19.89	19.91	21	3		
10	256QAM	1	0	18.07	18.02	17.98				
10	256QAM	1	25	18.09	18.03	18.05				
10	256QAM	1	49	18.03	18.03	18.08				
10	256QAM	25	0	17.89	17.97	17.99	19	5		
10	256QAM	25	12	18.11	17.91	18.05				
10	256QAM	25	25	17.92	17.93	17.96				
10	256QAM	50	0	18.03	18.01	17.97				
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	22.66	22.85	22.76	24	0		
5	QPSK	1	12	22.32	22.80	22.72				
5	QPSK	1	24	22.65	22.84	22.83				
5	QPSK	12	0	21.90	22.02	21.99				
5	QPSK	12	7	22.00	21.83	21.87	23	1		
5	QPSK	12	13	22.04	21.90	21.82				
5	QPSK	25	0	21.50	21.88	21.76				
5	16QAM	1	0	21.86	21.86	21.81				
5	16QAM	1	12	21.81	21.78	21.93	23	1		
5	16QAM	1	24	21.86	21.76	21.99				
5	16QAM	12	0	20.90	20.82	20.75				
5	16QAM	12	7	21.02	20.80	20.87				
5	16QAM	12	13	20.85	20.89	20.87	22	2		
5	16QAM	25	0	20.73	20.85	20.90				
5	64QAM	1	0	20.84	20.92	20.86				
5	64QAM	1	12	20.79	20.72	20.92				
5	64QAM	1	24	20.98	20.88	20.81	22	2		
5	64QAM	12	0	19.88	19.74	19.84				
5	64QAM	12	7	19.82	19.71	19.83				
5	64QAM	12	13	19.94	19.94	19.77				
5	64QAM	25	0	19.94	19.71	19.71	21	3		
5	256QAM	1	0	17.91	18.04	17.91				
5	256QAM	1	12	17.80	17.95	17.89				
5	256QAM	1	24	17.91	17.96	18.04				
5	256QAM	12	0	17.85	17.92	17.94	19	5		
5	256QAM	12	7	18.00	17.74	18.05				
5	256QAM	12	13	17.74	17.94	17.75				
5	256QAM	25	0	18.00	18.03	17.81				
Channel				20475	20575	20675	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				835.5	836.5	847.5				
3	QPSK	1	0	22.80	22.93	22.89	24	0		
3	QPSK	1	8	22.60	22.92	22.69				
3	QPSK	1	14	22.61	22.88	22.83				
3	QPSK	8	0	21.71	21.91	21.87				
3	QPSK	8	4	21.50	21.72	21.85	23	1		
3	QPSK	8	7	22.01	21.85	21.76				
3	QPSK	15	0	21.75	21.88	21.70				
3	16QAM	1	0	21.84	22.06	22.00				
3	16QAM	1	8	21.75	21.70	21.92	23	1		
3	16QAM	1	14	21.84	21.73	21.92				
3	16QAM	8	0	20.81	20.94	20.71				
3	16QAM	8	4	20.80	20.74	21.00				
3	16QAM	8	7	20.86	20.81	20.74	22	2		
3	16QAM	15	0	20.75	20.71	20.98				
3	64QAM	1	0	20.81	20.75	20.74				
3	64QAM	1	8	20.86	20.76	20.73				
3	64QAM	1	14	20.89	20.73	20.85	22	2		
3	64QAM	8	0	19.90	19.74	19.82				
3	64QAM	8	4	19.87	19.77	19.92				
3	64QAM	8	7	19.82	19.67	19.89				
3	64QAM	15	0	19.79	19.71	19.92	21	3		
3	256QAM	1	0	18.02	17.96	17.76				
3	256QAM	1	8	17.96	17.95	17.87				
3	256QAM	1	14	17.85	18.04	18.02				
3	256QAM	8	0	17.77	17.95	17.89	19	5		
3	256QAM	8	4	18.06	17.90	17.90				
3	256QAM	8	7	17.71	17.90	17.91				
3	256QAM	15	0	17.88	17.99	17.96				
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	22.69	22.92	22.82	24	0		
1.4	QPSK	1	3	22.59	22.85	22.81				
1.4	QPSK	1	5	22.59	22.82	22.62				
1.4	QPSK	3	0	22.73	22.91	22.76				
1.4	QPSK	3	1	22.53	22.85	22.67	23	1		
1.4	QPSK	3	3	22.77	22.89	22.83				
1.4	QPSK	6	0	21.93	21.88	21.85				
1.4	16QAM	1	0	21.87	21.99	21.85				
1.4	16QAM	1	3	21.71	21.88	21.96	23	1		
1.4	16QAM	1	5	21.84	21.87	21.81				
1.4	16QAM	3	0	21.84	21.84	21.73				
1.4	16QAM	3	1	21.94	22.00	21.97				
1.4	16QAM	3	3	21.74	21.68	21.79	22	2		
1.4	16QAM	6	0	20.84	20.69	20.99				
1.4	64QAM	1	0	20.77	20.80	20.81				
1.4	64QAM	1	3	20.83	20.68	20.89				
1.4	64QAM	1	5	20.91	20.84	20.68	22	2		
1.4	64QAM	3	0	20.98	20.78	21.00				
1.4	64QAM	3	1	20.84	20.85	20.83				
1.4	64QAM	3	3	20.92	20.73	20.99				
1.4	64QAM	6	0	19.76	19.67	19.78	21	3		
1.4	256QAM	1	0	18.02	17.99	17.83				
1.4	256QAM	1	3	18.03	17.99	17.97				
1.4	256QAM	1	5	18.04	17.90	18.00	19	5		
1.4	256QAM	3	0	17.88	17.92	17.87				
1.4	256QAM	3	1	18.02	17.76	17.97				
1.4	256QAM	3	3	17.73	17.83	17.95				
1.4	256QAM	6	0	17.89	17.93	17.78	19	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				23750	23790	23850			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	22.82	22.85	22.77	24	0	
10	QPSK	1	25	22.70	22.78	22.65			
10	QPSK	1	49	22.66	22.78	22.58			
10	QPSK	25	0	21.75	21.83	21.78			
10	QPSK	25	12	21.78	21.88	21.92	23	1	
10	QPSK	25	25	21.76	21.80	21.87			
10	QPSK	50	0	21.83	21.90	21.89			
10	16QAM	1	0	21.82	21.94	21.73			
10	16QAM	1	25	21.93	21.92	21.86	23	1	
10	16QAM	1	49	21.94	21.89	21.81			
10	16QAM	25	0	20.76	20.87	20.74			
10	16QAM	25	12	20.80	20.80	20.77			
10	16QAM	25	25	20.77	20.75	20.84	22	2	
10	16QAM	50	0	20.82	20.87	20.84			
10	64QAM	1	0	20.76	20.77	20.81			
10	64QAM	1	25	20.73	20.75	20.89			
10	64QAM	1	49	20.89	20.79	20.86	22	2	
10	64QAM	25	0	19.91	19.81	19.91			
10	64QAM	25	12	19.72	19.86	19.75			
10	64QAM	25	25	19.91	19.81	19.91			
10	64QAM	50	0	19.82	19.71	19.92	21	3	
10	256QAM	1	0	17.88	17.92	17.87			
10	256QAM	1	25	17.83	17.96	17.88			
10	256QAM	1	49	17.82	17.80	17.88			
10	256QAM	25	0	17.82	17.83	17.74	19	5	
10	256QAM	25	12	17.96	17.84	17.81			
10	256QAM	25	25	17.89	17.84	17.84			
10	256QAM	50	0	17.87	17.82	17.96			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	22.70	22.72	22.55	24	0	
5	QPSK	1	12	22.62	22.75	22.45			
5	QPSK	1	24	22.65	22.58	22.50			
5	QPSK	12	0	21.62	21.86	21.65			
5	QPSK	12	7	21.73	21.72	21.89	23	1	
5	QPSK	12	13	21.77	21.74	21.67			
5	QPSK	25	0	21.64	21.75	21.67			
5	16QAM	1	0	21.62	21.82	21.58			
5	16QAM	1	12	21.94	21.82	21.96	23	1	
5	16QAM	1	24	21.77	21.76	21.82			
5	16QAM	12	0	20.76	20.89	20.55			
5	16QAM	12	7	20.67	20.76	20.57			
5	16QAM	12	13	20.64	20.70	20.75	22	2	
5	16QAM	25	0	20.61	20.68	20.74			
5	64QAM	1	0	20.63	20.78	20.72			
5	64QAM	1	12	20.51	20.75	20.67			
5	64QAM	1	24	20.67	20.73	20.70	22	2	
5	64QAM	12	0	19.89	19.77	19.84			
5	64QAM	12	7	19.70	19.79	19.58			
5	64QAM	12	13	19.85	19.77	19.81			
5	64QAM	25	0	19.82	19.53	19.86	21	3	
5	256QAM	1	0	17.89	17.73	17.84			
5	256QAM	1	12	17.71	17.83	17.87			
5	256QAM	1	24	17.82	17.82	17.88			
5	256QAM	12	0	17.76	17.82	17.80	19	5	
5	256QAM	12	7	17.92	17.70	17.81			
5	256QAM	12	13	17.73	17.82	17.79			
5	256QAM	25	0	17.74	17.76	17.93			

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	26855	26965				
Frequency (MHz)				831.5	831.5	841.5				
15	QPSK	1	0	22.55	23.05	22.85	24	0		
15	QPSK	1	37	22.84	22.75	22.68				
15	QPSK	1	74	22.78	22.91	22.78				
15	QPSK	36	0	21.85	21.95	21.81				
15	QPSK	36	20	21.81	21.83	21.75	23	1		
15	QPSK	36	39	21.84	21.85	21.80				
15	QPSK	75	0	21.71	21.81	21.80				
15	16QAM	1	0	21.73	21.72	21.76				
15	16QAM	1	37	21.76	21.78	21.76	23	1		
15	16QAM	1	74	21.78	21.90	21.92				
15	16QAM	36	0	20.84	20.79	20.79				
15	16QAM	36	20	20.84	20.92	20.84				
15	16QAM	36	39	20.86	20.98	20.81	22	2		
15	16QAM	75	0	21.00	20.81	20.97				
15	64QAM	1	0	20.88	20.87	20.81				
15	64QAM	1	37	20.91	20.76	20.89				
15	64QAM	1	74	20.82	20.79	20.88	22	2		
15	64QAM	36	0	19.97	19.85	19.88				
15	64QAM	36	20	20.01	19.88	19.90				
15	64QAM	36	39	19.93	19.82	19.97				
15	64QAM	75	0	19.86	20.00	19.89	19	5		
15	256QAM	1	0	17.73	17.73	17.87				
15	256QAM	1	37	17.71	17.84	17.92				
15	256QAM	1	74	17.92	17.90	17.84				
15	256QAM	36	0	17.75	17.69	17.79	19	5		
15	256QAM	36	20	17.88	17.71	17.78				
15	256QAM	36	39	17.83	17.87	17.93				
15	256QAM	75	0	17.84	17.78	17.81				
Channel				26740	26865	26960	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				819	831.5	844				
10	QPSK	1	0	22.71	22.88	22.73	24	0		
10	QPSK	1	25	22.78	22.65	22.56				
10	QPSK	1	49	22.82	22.75	22.68				
10	QPSK	25	0	21.69	21.81	21.61				
10	QPSK	25	12	21.77	21.79	21.75	23	1		
10	QPSK	25	25	21.78	21.79	21.69				
10	QPSK	50	0	21.68	21.60	21.66				
10	16QAM	1	0	21.70	21.71	21.66				
10	16QAM	1	25	21.75	21.58	21.75	23	1		
10	16QAM	1	49	21.59	21.81	21.74				
10	16QAM	25	0	20.77	20.80	20.58				
10	16QAM	25	12	20.71	20.89	20.72				
10	16QAM	25	25	20.78	20.65	20.59	22	2		
10	16QAM	50	0	20.81	20.78	20.79				
10	64QAM	1	0	20.86	20.70	20.73				
10	64QAM	1	25	20.79	20.65	20.76				
10	64QAM	1	49	20.62	20.69	20.74	22	2		
10	64QAM	25	0	19.82	19.86	19.68				
10	64QAM	25	12	19.98	19.97	19.98				
10	64QAM	25	25	19.94	19.62	19.79				
10	64QAM	50	0	19.80	19.96	19.78	21	3		
10	256QAM	1	0	17.58	17.58	17.87				
10	256QAM	1	25	17.54	17.84	17.94				
10	256QAM	1	49	17.71	17.86	17.80				
10	256QAM	25	0	17.65	17.57	17.70	19	5		
10	256QAM	25	12	17.66	17.52	17.56				
10	256QAM	25	25	17.70	17.65	17.91				
10	256QAM	50	0	17.80	17.74	17.76				
Channel				26715	26855	27015	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				816.5	831.5	846.5				
5	QPSK	1	0	22.78	22.74	22.77	24	0		
5	QPSK	1	12	22.80	22.96	22.69				
5	QPSK	1	24	22.72	22.70	22.66				
5	QPSK	12	0	21.80	21.75	21.64				
5	QPSK	12	7	21.76	21.85	21.82	23	1		
5	QPSK	12	13	21.67	21.87	21.79				
5	QPSK	25	0	21.63	21.60	21.65				
5	16QAM	1	0	21.64	21.63	21.66				
5	16QAM	1	12	21.65	21.73	21.72	22	2		
5	16QAM	1	24	21.60	21.75	21.82				
5	16QAM	12	0	20.79	20.74	20.75				
5	16QAM	12	7	20.85	20.77	20.66				
5	16QAM	12	13	20.81	20.89	20.69	22	2		
5	16QAM	25	0	20.82	20.72	20.71				
5	64QAM	1	0	20.83	20.85	20.64				
5	64QAM	1	12	20.83	20.71	20.85				
5	64QAM	1	24	20.68	20.73	20.70	21	3		
5	64QAM	12	0	19.96	19.78	19.86				
5	64QAM	12	7	19.89	19.85	19.86				
5	64QAM	12	13	19.93	19.80	19.87				
5	64QAM	25	0	19.69	19.86	19.73	19	5		
5	256QAM	1	0	17.63	17.60	17.83				
5	256QAM	1	12	17.71	17.85	17.83				
5	256QAM	1	24	17.81	17.87	17.71				
5	256QAM	12	0	17.63	17.62	17.82	19	5		
5	256QAM	12	7	17.83	17.50	17.57				
5	256QAM	12	13	17.62	17.76	17.87				
5	256QAM	25	0	17.74	17.77	17.76				
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				815.5	831.5	847.5				
3	QPSK	1	0	22.80	22.77	22.76	24	0		
3	QPSK	1	22	22.84	22.72	22.47				
3	QPSK	1	14	22.76	22.73	22.72				
3	QPSK	8	0	21.75	21.93	21.64				
3	QPSK	8	7	21.62	21.79	21.69	23	1		
3	QPSK	15	0	21.82	21.82	21.63				
3	16QAM	1	0	21.57	21.55	21.57				
3	16QAM	1	8	21.62	21.68	21.75				
3	16QAM	1	14	21.64	21.85	21.93	22	2		
3	16QAM	8	0	20.70	20.72	20.79				
3	16QAM	8	4	20.65	20.75	20.62				
3	16QAM	8	7	20.69	20.78	20.61				
3	16QAM	15	0	20.10	20.61	20.89	21	3		
3	64QAM	1	0	20.77	20.67	20.60				
3	64QAM	1	8	20.93	20.58	20.77				
3	64QAM	1	14	20.81	20.78	20.73				
3	64QAM	8	0	19.87	19.82	19.82	23	1		
3	64QAM	8	4	19.97	19.75	19.89				
3	64QAM	8	7	19.86	19.77	19.79				
3	64QAM	15	0	19.69	19.83	19.84				
3	256QAM	1	0	17.60	17.61	17.88	19	5		
3	256QAM	1	8	17.86	17.81	17.78				
3	256QAM	1	14	17.78	17.82	17.71				
3	256QAM	8	0	17.77	17.69	17.81				
3	256QAM	8	4	17.84	17.62	17.58	19	5		
3	256QAM	8	7	17.79	17.88	17.85				
3	256QAM	15	0	17.75	17.73	17.85				
Channel				26705	26865	27025			Tune-up limit (dBm)	
Frequency (MHz)				814.7	831.5	848.3				
1.4	QPSK	1	0	22.57	22.85	22.82	24	0		
1.4	QPSK	1	3	22.66	22.72	22.52				
1.4	QPSK	1	5	22.61	22.90	22.64				
1.4	QPSK	3	0	22.44	22.92	22.90				
1.4	QPSK	3	1	22.81	22.84	22.62	23	1		
1.4	QPSK	3	1	22.83	22.81	22.81				
1.4	QPSK	6	0	21.70	21.71	21.82				
1.4	16QAM	1	0	21.64	21.72	21.72				
1.4	16QAM	1	3	21.69	21.70	21.60	23	1		
1.4	16QAM	1	5	21.73	21.82	21.72				
1.4	16QAM	3	0	21.61	21.82	21.66				
1.4	16QAM	3	1	21.74	21.50	21.63				
1.4	16QAM	3	3	21.69	21.59	21.66	22	2		
1.4	16QAM	6	0	20.80	20.60	20.77				
1.4	16QAM	1	0	20.88	20.83	20.69				
1.4	16QAM	1	3	20.74	20.60	20.72				
1.4	64QAM	1	0	20.71	20.72	20.71	22	2		
1.4	64QAM	3	0	20.83	20.77	20.80				
1.4	64QAM	3	1	20.84	20.77	20.76				
1.4	64QAM	6	0	19.85	19.90	19.84				
1.4	256QAM	1	0	17.62	17.72	17.68	19	5		
1.4	256QAM	3	0	17.69	17.81	17.78				
1.4	256QAM	1	5	17.73	17.88	17.85				
1.4	256QAM	3	1	17.67	17.60	17.58				
1.4	256QAM	3	3	17.72	17.72	17.74	19	5		
1.4	256QAM	3	1	17.71	17.73	17.74				

GSM1900 Ant 1		Burst Average Power (dbm)			Turn-up Limit (dbm)	Frame-Average Power (dbm)			Turn-up Limit (dbm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1900.8		1850.2	1860	1900.8	
GSM 1 Tx slot		29.15	29.16	29.09	30.50	20.15	20.16	20.09	21.50
GPRS 1 Tx slot		29.12	29.14	29.05	30.50	20.12	20.14	20.05	21.50
GPRS 2 Tx slots		25.66	25.63	25.61	26.50	19.60	19.63	19.61	20.50
GPRS 3 Tx slots		23.92	23.73	23.93	25.00	19.66	19.47	19.67	20.74
GPRS 4 Tx slots		22.30	22.37	22.38	23.50	19.30	19.37	19.38	20.50
EDGE 1 Tx slot		25.37	25.19	25.38	26.50	16.37	16.19	16.38	17.50
EDGE 2 Tx slots		23.65	23.64	23.75	24.50	17.65	17.64	17.75	18.50
EDGE 3 Tx slots		21.78	21.76	21.81	23.00	17.52	17.50	17.55	18.74
EDGE 4 Tx slots		19.85	19.69	19.68	21.00	16.85	16.69	16.68	18.00

Band		WCDMA 1 Ant 1			Turn-up Limit (dbm)	WCDMA 1 Ant 1			Turn-up Limit (dbm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1532.4	1530	1537.5		1722.4	1722.2	1722.6	
3GPP Rel 99	AMR 12.2Kbps	20.58	20.65	20.59	21.60	20.80	20.74	20.66	21.70
3GPP Rel 99	RMC 12.2Kbps	20.71	20.76	20.69	21.60	20.81	20.87	20.82	21.70
3GPP Rel 6	HSDPA Subtest-1	19.59	19.82	19.52	20.60	19.58	19.68	19.75	20.70
3GPP Rel 6	HSDPA Subtest-2	19.64	19.82	19.60	20.60	19.64	19.60	19.63	20.70
3GPP Rel 6	HSDPA Subtest-3	19.23	19.43	19.43	20.10	19.22	19.36	19.47	20.20
3GPP Rel 6	HSDPA Subtest-4	19.27	19.47	19.22	20.10	19.20	19.28	19.33	20.20
3GPP Rel 8	DCHSDPA Subtest-1	19.68	19.70	19.79	20.60	19.68	19.69	19.66	20.70
3GPP Rel 8	DCHSDPA Subtest-2	19.69	19.90	19.69	20.60	19.51	19.68	19.69	20.70
3GPP Rel 8	DCHSDPA Subtest-3	19.45	19.39	19.45	20.10	19.16	19.47	19.36	20.20
3GPP Rel 8	DCHSDPA Subtest-4	19.49	19.52	19.33	20.10	19.14	19.28	19.22	20.20
3GPP Rel 6	HSUPA Subtest-1	19.58	19.77	19.60	20.60	19.52	19.74	19.75	20.70
3GPP Rel 6	HSUPA Subtest-2	17.70	17.61	17.61	18.60	17.72	17.85	17.73	18.70
3GPP Rel 6	HSUPA Subtest-3	18.81	18.76	18.85	19.60	18.71	18.81	18.86	19.70
3GPP Rel 6	HSUPA Subtest-4	17.68	17.85	17.66	18.60	17.90	17.93	17.83	18.70
3GPP Rel 6	HSUPA Subtest-5	19.71	19.83	19.70	20.60	19.75	19.77	19.77	20.70

Band 2 Ant 1														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Mid Ch / Freq.	Power High Ch / Freq.	Turn-on time (sec)	MPR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	20.20	20.20	20.18	21.5	0						
20	QPSK	1	49	20.12	20.22	20.22								
20	QPSK	1	99	20.24	20.23	20.24								
20	QPSK	50	0	20.16	20.24	20.18								
20	QPSK	50	24	20.21	20.19	20.19	21.5	0						
20	QPSK	50	50	20.19	20.21	20.13								
20	QPSK	100	0	20.12	20.23	20.22								
20	QPSK	100	0	20.15	20.16	20.18								
20	QPSK	1	49	20.21	20.17	20.24	21.5	0						
20	QPSK	1	99	20.14	20.19	20.18								
20	QPSK	1	99	20.20	20.17	20.17								
20	QPSK	50	24	20.12	20.14	20.18								
20	QPSK	50	50	20.20	20.22	20.17	21.5	0						
20	QPSK	100	0	20.20	20.21	20.17								
20	QPSK	1	0	20.15	20.15	20.15								
20	QPSK	1	49	20.11	20.15	20.19								
20	QPSK	1	99	20.20	20.15	20.20	21.5	0						
20	QPSK	50	0	19.19	19.75	19.83								
20	QPSK	50	0	19.79	19.81	19.89								
20	QPSK	50	24	19.15	19.75	19.83								
20	QPSK	100	0	19.81	19.84	19.78	19	2.5						
20	25QPSK	1	0	17.79	17.73	17.71								
20	25QPSK	1	99	17.77	17.67	17.80								
20	25QPSK	50	0	17.74	17.75	17.79								
20	25QPSK	50	24	17.67	17.68	17.74	19	2.5						
20	25QPSK	100	0	17.75	17.69	17.75								
Channel														
Frequency (MHz)														
15	QPSK	1	0	19.87.5	19.86	19.85.5			Turn-on time (sec)	MPR (dB)				
15	QPSK	1	49	19.79	19.85	19.18								
15	QPSK	1	74	19.10	19.18	19.10								
15	QPSK	36	0	20.10	20.15	20.13								
15	QPSK	36	36	20.11	20.12	20.18	21.5	0						
15	QPSK	36	36	20.18	20.22	20.18								
15	QPSK	75	0	20.16	20.17	20.20								
15	QPSK	75	0	20.18	20.24	20.12								
15	QPSK	1	37	20.16	20.14	20.23	21.5	0						
15	QPSK	1	74	20.10	20.13	20.13								
15	QPSK	36	0	20.22	20.15	20.11								
15	QPSK	36	36	20.22	20.15	20.10								
15	QPSK	75	0	20.21	20.27	20.14	21.5	0						
15	QPSK	75	0	20.25	20.25	20.21								
15	QPSK	1	0	20.20	20.15	20.18								
15	QPSK	1	74	20.21	20.21	20.14								
15	QPSK	36	0	19.79	19.71	19.82	21	0.5						
15	QPSK	36	36	19.80	19.82	19.80								
15	QPSK	36	36	19.69	19.75	19.72								
15	QPSK	75	0	19.73	19.80	19.82								
15	QPSK	1	37	17.71	17.68	17.50	19	2.5						
15	25QPSK	1	74	17.70	17.70	17.50								
15	25QPSK	36	0	17.68	17.68	17.68								
15	25QPSK	36	36	17.58	17.73	17.72								
15	25QPSK	75	0	17.60	17.67	17.83	19	2.5						
15	25QPSK	75	0	17.63	17.69	17.88								
15	25QPSK	75	0	17.63	17.69	17.88								
15	25QPSK	75	0	17.63	17.69	17.88								
Channel														
Frequency (MHz)														
10	QPSK	1	0	20.14	20.14	20.15	21.5	0						
10	QPSK	1	25	20.19	20.12	20.22								
10	QPSK	1	49	20.17	20.15	20.15								
10	QPSK	25	0	20.16	20.20	20.20								
10	QPSK	25	12	20.15	20.22	20.17	21.5	0						
10	QPSK	25	25	20.21	20.25	20.21								
10	QPSK	50	0	20.18	20.18	20.15								
10	QPSK	50	0	20.18	20.25	20.15								
10	QPSK	1	25	20.20	20.25	20.14	21.5	0						
10	QPSK	1	49	20.20	20.18	20.18								
10	QPSK	25	0	20.18	20.15	20.14								
10	QPSK	25	12	20.23	20.21	20.13								
10	QPSK	50	0	20.20	20.18	20.14	21.5	0						
10	QPSK	50	0	20.12	20.19	20.13								
10	QPSK	1	0	20.12	20.20	20.19								
10	QPSK	1	25	20.13	20.22	20.10								
10	QPSK	1	49	20.20	20.21	20.17	21	0.5						
10	QPSK	25	0	19.78	19.73	19.50								
10	QPSK	25	12	19.73	19.67	19.62								
10	QPSK	50	0	19.71	19.64	19.61								
10	25QPSK	1	25	17.73	17.69	17.62	19	2.5						
10	25QPSK	1	49	17.65	17.70	17.61								
10	25QPSK	25	0	17.65	17.65	17.65								
10	25QPSK	25	12	17.63	17.68	17.59								
10	25QPSK	25	25	17.59	17.61	17.62	19	2.5						
10	25QPSK	50	0	17.67	17.69	17.59								
10	25QPSK	50	0	17.67	17.69	17.59								
10	25QPSK	50	0	17.67	17.69	17.59								
Channel														
Frequency (MHz)														
5	QPSK	1	0	20.21	20.21	20.14	21.5	0						
5	QPSK	1	12	20.21	20.14	20.15								
5	QPSK	1	24	20.19	20.24	20.17								
5	QPSK	12	0	20.14	20.14	20.12								
5	QPSK	12	7	20.23	20.24	20.20	21.5	0						
5	QPSK	12	13	20.22	20.16	20.22								
5	QPSK	25	0	20.11	20.14	20.13								
5	QPSK	25	0	20.20	20.19	20.20								
5	QPSK	1	0	20.20	20.19	20.20	21.5	0						
5	QPSK	1	12	20.12	20.19	20.13								
5	QPSK	1	24	20.14	20.15	20.15								
5	QPSK	12	0	20.15	20.14	20.21								
5	QPSK	12	7	20.21	20.23	20.13	21.5	0						
5	QPSK	12	13	20.23	20.18	20.14								
5	QPSK	25	0	20.10	20.25	20.14								
5	QPSK	25	0	20.19	20.15	20.19								
5	QPSK	1	0	20.10	20.25	20.23	21.5	0						
5	QPSK	1	24	20.18	20.24	20.13								
5	QPSK	12	0	19.70	19.80	19.70								
5	QPSK	12	13	19.73	19.68	19.81								
5	QPSK	25	0	19.71	19.64	19.71	19							

Band 25 Ant 1										Band 66 Ant 1									
BW (MHz)	Modulation	RIS Size	RIS Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Time-up (min)	MPR (dB)		BW (MHz)	Modulation	RIS Size	RIS Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Time-up (min)	MPR (dB)	
Channel										Channel									
Frequency (MHz)										Frequency (MHz)									
20	QPSK	1	0	20.21	20.20	20.16	21.5	0		20	QPSK	1	0	20.27	20.31	20.28	21.3	0	
20	QPSK	1	49	20.13	20.20	20.16				20	QPSK	1	49	20.26	20.23	20.21			
20	QPSK	1	99	20.13	20.19	20.22				20	QPSK	1	99	20.26	20.23	20.24			
20	QPSK	50	0	20.21	20.20	20.14	21.5	0		20	QPSK	50	0	20.23	20.28	20.24	21.3	0	
20	QPSK	50	24	20.24	20.16	20.14				20	QPSK	50	24	20.23	20.22	20.14			
20	QPSK	50	50	20.16	20.17	20.23				20	QPSK	50	50	20.21	20.20	20.14			
20	QPSK	100	0	20.18	20.20	20.21	21.5	0		20	QPSK	100	0	20.21	20.26	20.17	21.3	0	
20	16QAM	1	0	20.22	20.24	20.15				20	16QAM	1	0	20.24	20.20	20.23			
20	16QAM	1	49	20.16	20.19	20.11				20	16QAM	1	49	20.21	20.24	20.17			
20	16QAM	1	99	20.12	20.20	20.20	21.5	0		20	16QAM	1	99	20.23	20.24	20.26	21.3	0	
20	16QAM	50	0	20.16	20.15	20.16				20	16QAM	50	0	20.15	20.26	20.26			
20	16QAM	50	24	20.15	20.20	20.18				20	16QAM	50	24	20.21	20.27	20.17			
20	16QAM	50	50	20.11	20.20	20.19	21.5	0		20	16QAM	50	50	20.23	20.20	20.17	21.3	0	
20	16QAM	100	0	20.14	20.20	20.24				20	16QAM	100	0	20.15	20.24	20.19			
20	16QAM	100	24	20.22	20.20	20.20				20	16QAM	100	24	20.20	20.19	20.15			
20	64QAM	1	0	20.19	20.20	20.20	21.5	0		20	64QAM	1	0	20.24	20.24	20.25	21.3	0	
20	64QAM	1	49	20.15	20.14	20.17				20	64QAM	1	49	20.24	20.24	20.15			
20	64QAM	1	99	20.20	20.20	20.20				20	64QAM	1	99	20.23	20.20	20.15			
20	64QAM	50	0	19.82	19.86	19.76	21	0.5		20	64QAM	50	0	19.82	19.83	19.81	21	0.5	
20	64QAM	50	24	19.74	19.81	19.79				20	64QAM	50	24	19.81	19.81	19.87			
20	64QAM	50	50	19.76	19.75	19.78				20	64QAM	50	50	19.76	19.81	19.80			
20	256QAM	1	0	17.82	17.87	17.78	19	2.5		20	256QAM	1	0	17.82	17.87	17.78	19	2.5	
20	256QAM	1	49	17.85	17.87	17.81				20	256QAM	1	49	17.82	17.87	17.81			
20	256QAM	1	99	17.78	17.80	17.79				20	256QAM	1	99	17.84	17.80	17.80			
20	256QAM	50	0	17.79	17.80	17.83	19	2.5		20	256QAM	50	0	17.84	17.80	17.80	19	2.5	
20	256QAM	50	24	17.85	17.89	17.88				20	256QAM	50	24	17.85	17.86	17.86			
20	256QAM	50	50	17.86	17.81	17.81				20	256QAM	50	50	17.81	17.85	17.83			
20	256QAM	100	0	17.87	17.83	17.86	20	2.5		20	256QAM	100	0	17.84	17.80	17.83	20	2.5	
20	256QAM	100	24	17.84	17.80	17.80				20	256QAM	100	24	17.84	17.80	17.80			
20	256QAM	100	50	17.84	17.80	17.80				20	256QAM	100	50	17.84	17.80	17.80			
20	256QAM	100	75	17.84	17.80	17.80				20	256QAM	100	75	17.84	17.80	17.80			
20	256QAM	100	99	17.84	17.80	17.80				20	256QAM	100	99	17.84	17.80	17.80			
Channel										Channel									
Frequency (MHz)										Frequency (MHz)									
15	QPSK	1	0	20.24	20.19	20.16	21.5	0		15	QPSK	1	0	20.12	20.24	20.22	21.3	0	
15	QPSK	1	37	20.24	20.17	20.22				15	QPSK	1	37	20.14	20.13	20.17			
15	QPSK	1	74	20.15	20.19	20.22				15	QPSK	1	74	20.15	20.19	20.20			
15	QPSK	36	0	20.24	20.19	20.12	21.5	0		15	QPSK	36	0	20.13	20.22	20.14	21.3	0	
15	QPSK	36	18	20.12	20.16	20.18				15	QPSK	36	18	20.13	20.22	20.14			
15	QPSK	36	36	20.19	20.21	20.17				15	QPSK	36	36	20.19	20.18	20.23			
15	QPSK	75	0	20.17	20.21	20.16	21.5	0		15	QPSK	75	0	20.16	20.14	20.18	21.3	0	
15	16QAM	1	0	20.16	20.24	20.17				15	16QAM	1	0	20.16	20.24	20.18			
15	16QAM	1	37	20.11	20.15	20.19				15	16QAM	1	37	20.16	20.17	20.19			
15	16QAM	1	74	20.18	20.13	20.12	21.5	0		15	16QAM	1	74	20.23	20.13	20.21	21.3	0	
15	16QAM	36	0	20.23	20.17	20.15				15	16QAM	36	0	20.21	20.17	20.14			
15	16QAM	36	18	20.15	20.22	20.15				15	16QAM	36	18	20.11	20.17	20.17			
15	16QAM	36	36	20.15	20.23	20.16	21.5	0		15	16QAM	36	36	20.23	20.20	20.13	21.3	0	
15	16QAM	75	0	20.15	20.14	20.23				15	16QAM	75	0	20.15	20.19	20.24			
15	64QAM	1	0	20.21	20.21	20.23				15	64QAM	1	0	20.19	20.22	20.18			
15	64QAM	1	37	20.15	20.21	20.22	21.5	0		15	64QAM	1	37	20.19	20.19	20.19	21.3	0	
15	64QAM	1	74	20.23	20.15	20.12				15	64QAM	1	74	20.23	20.15	20.12			
15	64QAM	36	0	19.69	19.62	19.61				15	64QAM	36	0	19.61	19.76	19.77			
15	64QAM	36	18	19.61	19.63	19.78	21	0.5		15	64QAM	36	18	19.69	19.61	19.79	21	0.5	
15	64QAM	36	36	19.69	19.68	19.64				15	64QAM	36	36	19.69	19.61	19.79			
15	64QAM	75	0	19.69	19.64	19.61				15	64QAM	75	0	19.63	19.62	19.60			
15	256QAM	1	0	17.70	17.73	17.67	19	2.5		15	256QAM	1	0	17.67	17.79	17.85	19	2.3	
15	256QAM	1	37	17.85	17.80	17.71				15	256QAM	1	37	17.87	17.74	17.81			
15	256QAM	1	74	17.84	17.84	17.78				15	256QAM	1	74	17.89	17.84	17.75			
15	256QAM	36	0	17.72	17.71	17.85	19	2.5		15	256QAM	36	0	17.67	17.69	17.80	19	2.3	
15	256QAM	36	18	17.79	17.87	17.87				15	256QAM	36	18	17.79	17.87	17.87			
15	256QAM	36	36	17.88	17.89	17.80				15	256QAM	36	36	17.88	17.81	17.80			
15	256QAM	75	0	17.86	17.78	17.78	20	2.5		15	256QAM	75	0	17.86	17.66	17.80	20	2.5	
15	256QAM	100	0	17.80	17.78	17.78				15	256QAM	75	0	17.86	17.66	17.80			
15	256QAM	100	24	17.80	17.78	17.78				15	256QAM	75	0	17.86	17.66	17.80			
15	256QAM	100	50	17.80	17.78	17.78				15	256QAM	75	0	17.86	17.66	17.80			
15	256QAM	100	75	17.80	17.78	17.78				15	256QAM	75	0	17.86	17.66	17.80			
Channel										Channel									
Frequency (MHz)										Frequency (MHz)									
10	QPSK	1	0	20.14	20.20	20.12	21.5	0		10	QPSK	1	0	20.17	20.16	20.18	21.3	0	
10	QPSK	1	25	20.13	20.19	20.22				10	QPSK	1	25	20.17	20.16	20.18			
10	QPSK	1	49	20.12	20.14	20.23				10	QPSK	1	49	20.18	20.17	20.10			
10	QPSK	25	0	20.12	20.23	20.23	21.5	0		10	QPSK	25	0	20.19	20.23	20.14	21.3	0	
10	QPSK	25	12	20.22	20.19	20.16				10	QPSK	25	12	20.19	20.23	20.14			
10	QPSK	25	25	20.17	20.24	20.20				10	QPSK	25	25	20.22	20.21	20.10			
10	16QAM	1	0	20.10	20.17	20.14	21.5	0		10	16QAM	1	0	20.20	20.17	20.12	21.3	0	
10	16QAM	1	25	20.19	20.16	20.22				10	16QAM	1	25	20.13	20.18	20.20			
10	16QAM	1	49	20.21	20.18	20.16				10	16QAM	1	49	20.23	20.19	20.20			
10	16QAM	25	0	20.13	20.20	20.19	21.5	0		10	16QAM	25	0	20.23	20.19	20.20	21.3	0	
10	16QAM	25	12	20.16	20.16	20.19				10	16QAM	25	12	20.18	20.18	20.18			
10	16QAM	25	25	20.22	20.20	20.18				10	16QAM	25	25	20.20	20.20	20.18			
10	16QAM	50	0	20.12	20.19	20.11	21.5	0		10	16QAM	50	0	20.18	20.23	20.22	21.3	0	
10	64QAM	1	0	20.12	20.14	20.15				10	64QAM	1	0	20.17	20.15	20.16			
10	64QAM	1	25	20.16	20.17	20.23				10	64QAM	1	25	20.22	20.19	20.16			
10	64QAM	1	49	20.16	20.20	20.11	21.5	0		10	64QAM	1	49	20.11	20.12	20.22	21.3	0	
10	64QAM	25	0	19.70	19.48	19.58				10	64QAM	25	0	19.77	19.62	19.67			
10	64QAM	25	12	19.66	19.68	19.70				10	64QAM	25	12	19.70	19.62	19.72			
10	64QAM	25	25	19.68	19.68	19.63	21	0.5		10	64QAM	25	25	19.76	19.69	19.67	21	0.5	
10	64QAM	50	0	19.69															

Band 38 Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37650	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	22.96	23.16	23.13	24	0		
20	QPSK	1	49	22.96	22.94	22.89				
20	QPSK	1	99	22.85	22.86	22.86	23	1		
20	QPSK	50	0	21.96	22.15	21.98				
20	QPSK	50	24	21.95	21.97	21.88	23	1		
20	QPSK	50	50	21.90	21.77	22.13				
20	QPSK	100	0	21.97	22.10	22.00	23	1		
20	16QAM	1	0	21.95	21.80	22.07				
20	16QAM	1	49	21.81	21.99	22.04	23	1		
20	16QAM	1	99	22.02	22.00	21.79				
20	16QAM	50	0	20.80	20.86	20.85	22	2		
20	16QAM	50	24	20.92	20.57	20.82				
20	16QAM	50	50	20.90	20.69	20.81	22	2		
20	16QAM	100	0	20.64	20.90	20.61				
20	64QAM	1	0	20.66	20.77	20.71	22	2		
20	64QAM	1	49	20.61	20.78	20.78				
20	64QAM	1	99	20.72	20.74	20.93	22	2		
20	64QAM	50	0	19.82	19.85	19.91				
20	64QAM	50	24	19.95	19.81	19.76	21	3		
20	64QAM	50	50	19.82	19.68	19.95				
20	64QAM	100	0	19.75	19.81	19.72	21	3		
20	256QAM	1	0	17.89	17.87	17.66				
20	256QAM	1	49	17.90	17.91	17.86	19	5		
20	256QAM	1	99	17.71	17.76	17.79				
20	256QAM	50	0	17.83	17.96	17.74	19	5		
20	256QAM	50	24	17.99	17.96	17.90				
20	256QAM	50	50	17.76	17.83	17.69	19	5		
20	256QAM	100	0	17.83	17.80	18.00				
Channel				37625	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	22.70	22.80	22.52	24	0		
15	QPSK	1	37	22.43	22.60	22.21				
15	QPSK	1	74	22.48	22.27	22.55	23	1		
15	QPSK	36	0	21.37	21.53	21.52				
15	QPSK	36	20	21.49	21.44	21.46	23	1		
15	QPSK	36	39	21.25	21.40	21.54				
15	QPSK	75	0	21.36	21.46	21.38	23	1		
15	16QAM	1	0	21.46	21.30	21.47				
15	16QAM	1	37	21.19	21.54	21.39	23	1		
15	16QAM	1	74	21.47	21.32	21.29				
15	16QAM	36	0	20.29	20.33	20.31	22	2		
15	16QAM	36	20	20.34	20.61	20.32				
15	16QAM	36	39	20.33	20.20	20.37	22	2		
15	16QAM	75	0	20.25	20.30	20.15				
15	64QAM	1	0	20.10	20.30	20.17	22	2		
15	64QAM	1	37	20.46	20.28	20.37				
15	64QAM	1	74	20.40	20.36	20.44	22	2		
15	64QAM	36	0	19.41	19.44	19.34				
15	64QAM	36	20	19.23	19.30	19.30	21	3		
15	64QAM	36	39	19.32	19.26	19.42				
15	64QAM	75	0	19.24	19.34	19.15	21	3		
15	256QAM	1	0	17.46	17.24	17.27				
15	256QAM	1	37	17.25	17.38	17.46	19	5		
15	256QAM	1	74	17.19	17.41	17.24				
15	256QAM	36	0	17.23	17.37	17.23	19	5		
15	256QAM	36	20	17.46	17.42	17.50				
15	256QAM	36	39	17.29	17.41	17.33	19	5		
15	256QAM	75	0	17.31	17.38	17.44				
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	22.50	22.56	22.52	24	0		
10	QPSK	1	25	22.44	22.48	22.39				
10	QPSK	1	49	22.35	22.44	22.36	23	1		
10	QPSK	25	0	21.38	21.45	21.56				
10	QPSK	25	12	21.47	21.43	21.31	23	1		
10	QPSK	25	25	21.29	21.34	21.64				
10	QPSK	50	0	21.35	21.47	21.37	23	1		
10	16QAM	1	0	21.45	21.46	21.56				
10	16QAM	1	25	21.17	21.60	21.43	23	1		
10	16QAM	1	49	21.41	21.50	21.35				
10	16QAM	25	0	20.31	20.37	20.32	22	2		
10	16QAM	25	12	20.32	20.23	20.39				
10	16QAM	25	25	20.38	20.24	20.43	22	2		
10	16QAM	50	0	20.22	20.30	20.13				
10	64QAM	1	0	20.27	20.37	20.18	22	2		
10	64QAM	1	25	20.13	20.23	20.21				
10	64QAM	1	49	20.24	20.27	20.36	22	2		
10	64QAM	25	0	19.21	19.50	19.20				
10	64QAM	25	12	19.44	19.29	19.39	21	3		
10	64QAM	25	25	19.28	19.29	19.33				
10	64QAM	50	0	19.23	19.25	20.23	19	5		
10	256QAM	1	0	17.35	17.38	17.16				
10	256QAM	1	25	17.27	17.37	17.48	19	5		
10	256QAM	1	49	17.37	17.40	17.22				
10	256QAM	25	0	17.31	17.54	17.34	19	5		
10	256QAM	25	12	17.38	17.54	17.45				
10	256QAM	25	25	17.42	17.39	17.13	19	5		
10	256QAM	50	0	17.34	17.21	17.55				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2592.5	2595	2617.5				
5	QPSK	1	0	22.68	22.70	22.52	24	0		
5	QPSK	1	12	22.43	22.67	22.44				
5	QPSK	1	24	22.29	22.41	22.42	23	1		
5	QPSK	12	0	21.32	21.60	21.45				
5	QPSK	12	7	21.33	21.43	21.43	23	1		
5	QPSK	12	13	21.22	21.48	21.46				
5	QPSK	25	0	21.39	21.30	21.37	23	1		
5	16QAM	1	0	21.37	21.32	21.43				
5	16QAM	1	12	21.18	21.42	21.52	23	1		
5	16QAM	1	24	21.45	21.42	21.44				
5	16QAM	12	0	20.20	20.29	20.49	23	1		
5	16QAM	12	7	20.46	20.66	20.27				
5	16QAM	12	13	20.37	20.34	20.40	22	2		
5	16QAM	25	0	20.31	20.34	20.27				
5	64QAM	1	0	20.24	20.26	20.38	22	2		
5	64QAM	1	12	20.23	20.14	20.28				
5	64QAM	1	24	20.20	20.36	20.41	22	2		
5	64QAM	12	0	19.31	19.30	19.33				
5	64QAM	12	7	19.45	19.43	19.39	21	3		
5	64QAM	12	13	19.13	19.30	19.41				
5	64QAM	25	0	19.32	19.41	19.20	21	3		
5	64QAM	25	0	19.29	17.20	19.20				
5	256QAM	1	12	17.23	17.42	17.45	19	5		
5	256QAM	1	24	17.24	17.35	17.31				
5	256QAM	12	0	17.43	17.41	17.23	19	5		
5	256QAM	12	7	17.41	17.51	17.29				
5	256QAM	12	13	17.36	17.35	17.35	19	5		
5	256QAM	25	0	17.27	17.24	17.43				

Band 2 Ant 4									
BW (MHz)	Modulation	RIS Size	RIS Offset	Power Min Ch./F.Freq.	Power Max Ch./F.Freq.	Power Min Ch./F.Freq.	Power Max Ch./F.Freq.	Turn-on Time (sec)	MPR (dB)
Channel									
Frequency (MHz)									
20	QPSK	1	0	16.54	16.54	16.52			
15	QPSK	1	0	16.54	16.53	16.52			
10	QPSK	1	99	16.54	16.52	16.53		17.6	0
5	QPSK	1	0	16.46	16.53	16.57			
0	QPSK	1	24	16.48	16.49	16.55			
5	QPSK	50	50	16.57	16.57	16.50			
10	QPSK	100	0	16.53	16.51	16.48			
15	QPSK	150	0	16.52	16.57	16.51			
20	QPSK	1	49	16.50	16.57	16.47		17.6	0
25	QPSK	1	99	16.56	16.49	16.55			
30	QPSK	1	0	16.54	16.53	16.56			
35	QPSK	1	24	16.52	16.52	16.49		17.6	0
40	QPSK	1	50	16.50	16.52	16.57			
45	QPSK	1	99	16.51	16.56	16.50			
50	QPSK	1	0	16.59	16.54	16.56			
55	QPSK	1	49	16.53	16.51	16.59		17.6	0
60	QPSK	1	99	16.54	16.59	16.51			
65	QPSK	1	0	16.46	16.59	16.52			
70	QPSK	1	24	16.53	16.59	16.50		17.6	0
75	QPSK	1	50	16.51	16.56	16.50			
80	QPSK	1	0	16.52	16.53	16.49			
85	QPSK	1	49	16.57	16.55	16.55		17.6	0
90	QPSK	1	99	16.48	16.51	16.49			
95	QPSK	1	24	16.53	16.53	16.57			
100	QPSK	50	50	16.58	16.57	16.58			
105	QPSK	50	50	16.47	16.63	16.51		17.6	0
110	QPSK	100	0	16.49	16.50	16.47			
Channel									
Frequency (MHz)									
115	QPSK	1	0	16.50	16.58	16.52			
120	QPSK	1	49	16.48	16.48	16.50		17.6	0
125	QPSK	1	74	16.51	16.44	16.45			
130	QPSK	1	0	16.45	16.55	16.44			
135	QPSK	1	24	16.50	16.49	16.49			
140	QPSK	36	39	16.48	16.51	16.42		17.6	0
145	QPSK	75	0	16.49	16.51	16.54			
150	QPSK	1	99	16.51	16.49	16.54		17.6	0
155	QPSK	1	37	16.50	16.56	16.51			
160	QPSK	1	0	16.56	16.55	16.46			
165	QPSK	1	24	16.54	16.59	16.51			
170	QPSK	36	39	16.48	16.55	16.54			
175	QPSK	36	20	16.47	16.54	16.45		17.6	0
180	QPSK	36	0	16.52	16.52	16.52			
185	QPSK	36	0	16.52	16.49	16.53			
190	QPSK	75	0	16.48	16.52	16.52		17.6	0
195	QPSK	1	99	16.52	16.50	16.53			
200	QPSK	1	74	16.53	16.55	16.51			
205	QPSK	1	0	16.44	16.51	16.42			
210	QPSK	36	39	16.54	16.50	16.46		17.6	0
215	QPSK	36	39	16.54	16.55	16.47			
220	QPSK	75	0	16.48	16.52	16.47			
225	QPSK	1	99	16.54	16.54	16.48			
230	QPSK	1	37	16.45	16.55	16.42		17.6	0
235	QPSK	1	74	16.49	16.55	16.46			
240	QPSK	36	20	16.48	16.47	16.53		17.6	0
245	QPSK	36	20	16.51	16.47	16.53			
250	QPSK	36	39	16.48	16.50	16.45			
255	QPSK	36	0	16.43	16.45	16.50			
Channel									
Frequency (MHz)									
260	QPSK	1	0	16.50	16.50	16.50			
265	QPSK	1	25	16.54	16.55	16.52		17.6	0
270	QPSK	1	49	16.51	16.46	16.50			
275	QPSK	1	74	16.54	16.45	16.54			
280	QPSK	25	12	16.54	16.45	16.50		17.6	0
285	QPSK	25	25	16.52	16.45	16.45			
290	QPSK	25	0	16.53	16.45	16.53			
295	QPSK	1	0	16.48	16.50	16.42			
300	QPSK	1	25	16.50	16.45	16.47		17.6	0
305	QPSK	1	49	16.48	16.51	16.53			
310	QPSK	1	74	16.53	16.46	16.51			
315	QPSK	25	12	16.52	16.48	16.44		17.6	0
320	QPSK	25	12	16.45	16.52	16.50			
325	QPSK	1	0	16.45	16.51	16.47			
330	QPSK	1	0	16.42	16.53	16.54		17.6	0
335	QPSK	1	24	16.54	16.51	16.44			
340	QPSK	1	49	16.48	16.46	16.52			
345	QPSK	1	25	16.43	16.57	16.44		17.6	0
350	QPSK	1	49	16.51	16.45	16.45			
355	QPSK	1	25	16.51	16.52	16.43			
360	QPSK	1	0	16.49	16.51	16.53			
365	QPSK	1	24	16.47	16.48	16.45		17.6	0
370	QPSK	1	25	16.53	16.55	16.47			
375	QPSK	1	49	16.51	16.47	16.51			
380	QPSK	1	74	16.43	16.52	16.44		17.6	0
385	QPSK	1	0	16.50	16.49	16.51			
390	QPSK	1	24	16.42	16.53	16.54			
395	QPSK	1	49	16.51	16.45	16.48		17.6	0
400	QPSK	1	74	16.45	16.55	16.48			
405	QPSK	1	0	16.50	16.49	16.51			
410	QPSK	1	24	16.42	16.51	16.47		17.6	0
415	QPSK	1	49	16.48	16.49	16.44			
420	QPSK	1	74	16.42	16.51	16.47			
425	QPSK	1	0	16.42	16.53	16.54		17.6	0
430	QPSK	1	24	16.42	16.53	16.54			
435	QPSK	1	49	16.42	16.53	16.54			
440	QPSK	1	74	16.42	16.53	16.54		17.6	0
445	QPSK	1	0	16.42	16.53	16.54			
450	QPSK	1	24	16.42	16.53	16.54			
455	QPSK	1	49	16.42	16.53	16.54		17.6	0
460	QPSK	1	74	16.42	16.53	16.54			
465	QPSK	1	0	16.42	16.53	16.54			
470	QPSK	1	24	16.42	16.53	16.54		17.6	0
475	QPSK	1	49	16.42	16.53	16.54			
480	QPSK	1	74	16.42	16.53	16.54			
485	QPSK	1	0	16.42	16.53	16.54		17.6	0
490	QPSK	1	24	16.42	16.53	16.54			
495	QPSK	1	49	16.42	16.53	16.54			
500	QPSK	1	74	16.42	16.53	16.54		17.6	0
505	QPSK	1	0	16.42	16.53	16.54			
510	QPSK	1	24	16.42	16.53	16.54			
515	QPSK	1	49	16.42	16.53	16.54		17.6	0
520	QPSK	1	74	16.42	16.53	16.54			
525	QPSK	1	0	16.42	16.53	16.54			
530	QPSK	1	24	16.42	16.53	16.54		17.6	0
535	QPSK	1	49	16.42	16.53	16.54			
540	QPSK	1	74	16.42	16.53	16.54			
545	QPSK	1	0	16.42	16.53	16.54		17.6	0
550	QPSK	1	24	16.42	16.53	16.54			
555	QPSK	1	49	16.42	16.53	16.54			
560	QPSK	1	74	16.42	16.53	16.54		17.6	0
565	QPSK	1	0	16.42	16.53	16.54			
570	QPSK	1	24	16.42	16.53	16.54			
575	QPSK	1	49	16.42	16.53	16.54		17.6	0
580	QPSK	1	74	16.42	16.53	16.54			
585	QPSK	1	0	16.42	16.53	16.54			
590	QPSK	1	24	16.42	16.53	16.54		17.6	0
595	QPSK	1	49	16.42	16.53	16.54			
600	QPSK	1	74	16.42	16.53	16.54			
605	QPSK	1	0	16.42	16.53	16.54		17.6	0
610	QPSK	1	24	16.42	16.53	16.54			
615	QPSK	1	49	16.42	16.53	16.54			
620	QPSK	1	74	16.42	16.53	16.54		17.6	0
625	QPSK	1	0	16.42	16.53	16.54			
630	QPSK	1	24	16.42	16.53	16.54			
635	QPSK	1	49	16.42	16.53	16.54		17.6	0
640	QPSK	1	74	16.42	16.53	16.54			
645	QPSK	1	0	16.42	16.53	16.54			
650	QPSK	1	24	16.42	16.53	16.54		17.6	0
655	QPSK	1	49	16.42	16.53	16.54			
660	QPSK	1	74	16.42	16.53	16.54			
665	QPSK	1	0	16.42	16.53	16.54		17.6	0
670	QPSK	1	24	16.42	16.53	16.54			
675	QPSK	1	49	16.42	16.53	16.54			
680	QPSK	1	74	16.42	16.53	16.54		17.6	0
685	QPSK	1	0	16.42	16.53	16.54			
690	QPSK	1	24	16.42	16.53	16.54			
695	QPSK	1	49	16.42	16.53	16.54		17.6	0
700	QPSK	1	74	16.42	16.53	16.54			
705	QPSK	1	0	16.42	16.53	16.54			
710	QPSK	1	24	16.42	16.53	16.54		17.6	0
715	QPSK	1	49	16.42	16.53	16.54			
720	QPSK	1	74	16.42	16.53	16.54			

Band 25 Ant 4										
RF (GHz)	Modulation	RB Size	RB Offset	Power Level (dBm)	Power Spectrum (dBm)	Power Spectrum (dBm)	Turn-on Time (dBm)	MPR (dB)		
Channel										
20	Frequency (MHz)	0		18.147	18.603	18.603				
20	QPSK	1	49	18.62	18.62	18.62	17.6	0		
20	QPSK	1	49	18.62	18.62	18.62				
20	QPSK	50	0	18.30	18.611	18.611				
20	QPSK	50	24	18.48	18.633	18.633	17.6	0		
20	QPSK	50	24	18.48	18.633	18.633				
20	QPSK	100	0	18.36	18.59	18.59				
20	QPSK	100	0	18.36	18.59	18.59				
20	QPSK	1	49	18.58	18.637	18.637	17.6	0		
20	QPSK	1	49	18.58	18.637	18.637				
20	QPSK	50	0	18.52	18.61	18.61	17.6	0		
20	QPSK	50	24	18.56	18.62	18.62				
20	QPSK	100	0	18.50	18.633	18.633	17.6	0		
20	QPSK	100	0	18.50	18.633	18.633				
20	QPSK	1	49	18.56	18.48	18.56	17.6	0		
20	QPSK	1	49	18.56	18.48	18.56				
20	QPSK	50	24	18.46	18.62	18.62	17.6	0		
20	QPSK	50	24	18.46	18.62	18.62				
20	QPSK	100	0	18.56	18.59	18.59				
20	QPSK	100	0	18.56	18.59	18.59				
20	QPSK	1	49	18.56	18.54	18.56	17.6	0		
20	QPSK	1	49	18.56	18.54	18.56				
20	QPSK	50	24	18.46	18.62	18.62	17.6	0		
20	QPSK	50	24	18.46	18.62	18.62				
20	QPSK	100	0	18.54	18.57	18.58				
20	QPSK	100	0	18.54	18.57	18.58				
20	QPSK	1	49	18.56	18.56	18.47	Turn-on Time (dBm)	MPR (dB)		
Frequency (MHz)								18.617	18.619	18.617
15	QPSK	1	0	18.43	18.63	18.63	17.6	0		
15	QPSK	1	0	18.47	18.63	18.63				
15	QPSK	1	74	18.54	18.62	18.62				
15	QPSK	36	0	18.30	18.45	18.45				
15	QPSK	36	0	18.30	18.45	18.45				
15	QPSK	36	39	18.46	18.45	18.52	17.6	0		
15	QPSK	36	39	18.46	18.45	18.52				
15	QPSK	75	0	18.54	18.67	18.63				
15	QPSK	75	0	18.54	18.67	18.63				
15	QPSK	1	74	18.53	18.49	18.51	17.6	0		
15	QPSK	1	74	18.53	18.49	18.51				
15	QPSK	36	26	18.54	18.56	18.42	17.6	0		
15	QPSK	36	26	18.54	18.56	18.42				
15	QPSK	75	0	18.52	18.48	18.55				
15	QPSK	75	0	18.52	18.48	18.55				
15	QPSK	1	74	18.53	18.49	18.52	17.6	0		
15	QPSK	1	74	18.53	18.49	18.52				
15	QPSK	36	26	18.54	18.56	18.42	17.6	0		
15	QPSK	36	26	18.54	18.56	18.42				
15	QPSK	75	0	18.45	18.47	18.45				
15	QPSK	75	0	18.45	18.47	18.45				
15	QPSK	1	74	18.53	18.49	18.47	17.6	0		
15	QPSK	1	74	18.53	18.49	18.47				
15	QPSK	36	26	18.45	18.47	18.45	17.6	0		
15	QPSK	36	26	18.45	18.47	18.45				
15	QPSK	75	0	18.45	18.45	18.53				
15	QPSK	75	0	18.45	18.45	18.53				
Channel								20.600	20.604	20.600
Frequency (MHz)								18.655	18.658	18.655
10	QPSK	1	0	18.48	18.48	18.48	17.6	0		
10	QPSK	1	0	18.48	18.48	18.48				
10	QPSK	1	49	18.45	18.54	18.43				
10	QPSK	25	0	18.47	18.59	18.43				
10	QPSK	25	0	18.47	18.59	18.43				
10	QPSK	25	25	18.41	18.58	18.42				
10	QPSK	25	25	18.41	18.58	18.42				
10	QPSK	1	0	18.47	18.43	18.43	17.6	0		
10	QPSK	1	0	18.47	18.43	18.43				
10	QPSK	25	0	18.55	18.53	18.45				
10	QPSK	25	0	18.55	18.53	18.45				
10	QPSK	25	25	18.48	18.44	18.44	17.6	0		
10	QPSK	25	25	18.48	18.44	18.44				
10	QPSK	1	0	18.53	18.59	18.42				
10	QPSK	1	0	18.53	18.59	18.42				
10	QPSK	25	0	18.49	18.54	18.44	17.6	0		
10	QPSK	25	0	18.49	18.54	18.44				
10	QPSK	25	25	18.51	18.56	18.54				
10	QPSK	25	25	18.51	18.56	18.54				
10	QPSK	1	0	18.48	18.49	18.50	17.6	0		
10	QPSK	1	0	18.48	18.49	18.50				
10	QPSK	25	0	18.48	18.47	18.45				
10	QPSK	25	0	18.48	18.47	18.45				
10	QPSK	25	25	18.54	18.50	18.54	17.6	0		
10	QPSK	25	25	18.54	18.50	18.54				
10	QPSK	1	0	18.50	18.56	18.48				
10	QPSK	1	0	18.50	18.56	18.48				
Channel								20.605	20.613	20.605
Frequency (MHz)								18.584	18.590	18.584
5	QPSK	1	0	18.54	18.50	18.51				
5	QPSK	1	12	18.54	18.50	18.53				
5	QPSK	1	24	18.48	18.56	18.48				
5	QPSK	1	49	18.47	18.49	18.47	17.6	0		
5	QPSK	1	49	18.47	18.49	18.47				
5	QPSK	12	7	18.46	18.55	18.48				
5	QPSK	12	7	18.46	18.55	18.48				
5	QPSK	12	13	18.53	18.48	18.53	17.6	0		
5	QPSK	12	13	18.53	18.48	18.53				
5	QPSK	1	0	18.50	18.50	18.50				
5	QPSK	1	0	18.45	18.48	18.50				
5	QPSK	1	12	18.46	18.56	18.50				
5	QPSK	1	12	18.46	18.56	18.50				
5	QPSK	12	0	18.49	18.48	18.54	17.6	0		
5	QPSK	12	0	18.49	18.48	18.54				
5	QPSK	12	13	18.51	18.46	18.48				
5	QPSK	12	13	18.51	18.46	18.48				
5	QPSK	1	0	18.43	18.48	18.49	17.6	0		
5	QPSK	1	0	18.43	18.48	18.49				
5	QPSK	12	7	18.48	18.47	18.49				
5	QPSK	12	7	18.48	18.47	18.49				
5	QPSK	1	0	18.52	18.51	18.54				
5	QPSK	1	0	18.52	18.51	18.54				
5	QPSK	12	13	18.54	18.52	18.49	17.6	0		
5	QPSK	12	13	18.54	18.52	18.49				
5	QPSK	1	0	18.48	18.53	18.51	17.6	0		
5	QPSK	1	0	18.48	18.53	18.51				
5	QPSK	12	13	18.49	18.46	18.43				
5	QPSK	12	13	18.49	18.46	18.43				
5	QPSK	1	0	18.49	18.48	18.54	17.6	0		
5	QPSK	1	0	18.49	18.48	18.54				
5	QPSK	12	7	18.41	18.53	18.54				
5	QPSK	12	7	18.41	18.53	18.54				
5	QPSK	1	0	18.50	18.50	18.50	17.6	0		
5	QPSK	1	0	18.50	18.50	18.50				
5	QPSK	12	0	18.54	18.45	18.45				
5	QPSK	12	0	18.54	18.45	18.45				
Frequency (MHz)								20.600	20.606	20.600
3	QPSK	1	0	18.46	18.53	18.41				
3	QPSK	1	0	18.42	18.51	18.42	17.6	0		
3	QPSK	1	0	18.46	18.53	18.41				
3	QPSK	8	4	18.48	18.55	18.44	17.6	0		
3	QPSK	8	4	18.48	18.55	18.44				
3	QPSK	1	0	18.47	18.47	18.47				
3	QPSK	16	0	18.54	18.53	18.41				
3	QPSK	1	0	18.51	18.53	18.41				
3	QPSK	8	4	18.49	18.53	18.41	17.6	0		
3	QPSK	8	4	18.49	18.53	18.41				
3	QPSK	1	0	18.45	18.45	18.45				
3	QPSK	16	0	18.42	18.56	18.49				
3	QPSK	1	0	18.49	18.53	18.41				
3	QPSK	8	7	18.52	18.50	18.41				
3	QPSK	16	0	18.50	18.52	18.41				
3	QPSK	1	0	18.47	18.57	18.48				
3	QPSK	1	8	18.46	18.52	18.49	17.6	0		
3	QPSK	1	8	18.46	18.52	18.49				
3	QPSK	8	4	18.41	18.47	18.52				
3	QPSK	8	4	18.49	18.50	18.53	17.6	0		
3	QPSK	8	4	18.49	18.50	18.53				
3	QPSK	16	0	18.54	18.56	18.53				
3	QPSK	1	0	18.48	18.55	18.54	17.6	0		
3	QPSK	1	0	18.48	18.55	18.54				
3	QPSK	16	0	18.53	18.54	18.49	17.6	0		
3	QPSK	16	0	18.53	18.54	18.49				
3	QPSK	1	0	18.54	18.47	18.43				
3	QPSK	8	7	18.52	18.54	18.53	17.6	0		
3	QPSK	8	7	18.52	18.54	18.53				
3	QPSK	16	0	18.54	18.53	18.46				
3	QPSK	16	0	18.54	18.53	18.46				
Frequency (MHz)								18.597	18.608	18.594
1.4	QPSK	1	0	18.44	18.58	18.47				
1.4	QPSK	1	0	18.44	18.58	18.47				
1.4	QPSK	1	6	18.51	18.47	18.50	17.6	0		
1.4	QPSK	1	6	18.51	18.47	18.50				
1.4	QPSK	3	0	18.48	18.47	18.50				
1.4	QPSK	3	0	18.48	18.47	18.50				
1.4	QPSK	3	3	18.48	18.52	18.49				
1.4	QPSK	3	3	18.42	18.51	18.42				
1.4	QPSK	6	0	18.54	18.51	18.50	17.6	0		
1.4	QPSK	6	0	18.54	18.51	18.50				
1.4	QPSK	3	3	18.49	18.57	18.49				
1.4	QPSK	3	3	18.49	18.57	18.49				
1.4	QPSK	1	0	18.51	18.45	18.54	17.6	0		
1.4	QPSK	1	0	18.51	18.45	18.54				
1.4	QPSK	3	3	18.47	18.52	18.48				
1.4	QPSK	3	3	18.48	18.49	18.49	17.6	0		
1.4	QPSK	1	0	18.41	18.48	18.48				
1.4	QPSK	1	0	18.41	18.48	18.4				

Band 26 Ant 4										
RF (MHz)	Modulation	RIS Size	RF Output	Power Loss Ch1 (dB)	Power Loss Ch2 (dB)	Power Loss Ch3 (dB)	Turn-on time (ms)	MPE (dB)		
Channel										
Frequency (MHz)										
15	QPSK	1	0	20.06	20.06	20.13	20.06			
15	QPSK	1	87	19.88	19.82	20.28	20.06	21.5	0	
15	QPSK	14	0	19.90	19.90	20.01	19.90			
15	QPSK	36	0	20.04	20.00	20.12	19.94			
15	QPSK	36	20	20.01	20.10	20.03		21.5	0	
15	QPSK	36	87	19.71	19.62	20.08	19.97			
15	QPSK	75	0	19.95	19.90	20.00	19.95			
15	QPSK	75	87	19.98	19.91	20.03		21.5	0	
15	HQPSK	1	0	19.71	19.66	19.81				
15	HQPSK	1	74	20.05	20.07	20.02				
15	HQPSK	36	0	20.02	20.04	20.01				
15	HQPSK	36	20	20.00	20.01	20.00		21.5	0	
15	HQPSK	36	29	20.04	20.12	20.08				
15	HQPSK	75	0	20.08	20.10	20.00				
15	HQPSK	75	87	19.93	19.87	20.00	19.97			
15	HQPSK	1	27	20.01	20.08	20.07	21.5	0		
15	HQPSK	1	74	19.97	20.03	20.00				
15	HQPSK	36	20	19.76	19.56	19.58		21	0.5	
15	HQPSK	36	29	19.74	19.66	19.81				
15	HQPSK	75	0	20.00	20.00	19.84				
15	HQPSK	75	87	17.67	17.47	17.59		19	2.5	
15	HQPSK	1	27	17.65	17.57	17.61				
15	HQPSK	1	74	17.55	17.51	17.57				
15	HQPSK	36	0	17.60	17.67	17.67				
15	HQPSK	36	20	17.60	17.60	17.60		19	2.5	
15	HQPSK	36	29	17.58	17.70	17.70				
15	HQPSK	75	0	17.79	17.78	17.64				
15	HQPSK	75	87	17.79	17.78	17.64	Turn-on time (ms)	MPE (dB)		
Channel										
Frequency (MHz)										
15	QPSK	1	0	19.93	19.95	19.93				
15	QPSK	1	87	19.88	19.87	19.88	21.5	0		
15	QPSK	14	0	19.90	19.90	19.98				
15	QPSK	36	0	19.90	20.04	19.97				
15	QPSK	36	20	19.90	20.04	19.97	21.5	0		
15	QPSK	36	26	19.96	20.07	19.95				
15	QPSK	50	0	20.03	20.00	20.05				
15	QPSK	50	87	19.95	19.95	19.95	21.5	0		
15	HQPSK	1	26	19.96	19.96	19.95				
15	HQPSK	1	12	19.97	19.97	19.95	21.5	0		
15	HQPSK	1	49	20.02	20.04	19.95				
15	HQPSK	36	20	20.00	20.00	19.98		21.5	0	
15	HQPSK	25	12	19.95	20.04	19.93				
15	HQPSK	25	19	19.95	20.04	19.93				
15	HQPSK	25	0	19.81	19.86	19.88				
15	HQPSK	25	12	19.84	19.81	19.43		21	0.5	
15	HQPSK	25	19	19.84	19.81	19.43				
15	HQPSK	50	0	20.01	19.73	19.51				
15	HQPSK	50	87	17.77	17.63	17.71		19	2.5	
15	HQPSK	1	74	17.81	17.81	17.81				
15	HQPSK	1	49	17.48	17.61	17.62				
15	HQPSK	36	20	17.52	17.63	17.62				
15	HQPSK	36	29	17.53	17.64	17.63		19	2.5	
15	HQPSK	25	12	17.65	17.67	17.68				
15	HQPSK	25	19	17.65	17.67	17.68				
15	HQPSK	50	0	17.79	17.77	17.64	Turn-on time (ms)	MPE (dB)		
Channel										
Frequency (MHz)										
15	QPSK	1	0	19.97	19.97	19.97				
3	QPSK	1	8	19.89	19.85	19.95	21.5	0		
3	QPSK	1	14	19.92	19.90	19.94				
3	QPSK	1	20	19.90	20.01	19.98				
3	QPSK	6	4	20.02	20.07	20.01	21.5	0		
3	QPSK	6	7	20.01	20.00	19.89				
3	QPSK	15	0	19.98	20.00	19.91				
3	HQPSK	0	0	20.01	20.00	19.95	21.5	0		
3	HQPSK	0	8	19.86	19.86	19.95				
3	HQPSK	14	0	19.97	20.04	19.95				
3	HQPSK	0	0	20.02	20.05	20.02				
3	HQPSK	10	4	20.03	20.07	19.88				
3	HQPSK	8	7	19.90	20.01	19.59	21.5	0		
3	HQPSK	15	0	19.90	19.84	19.95				
3	HQPSK	15	8	19.85	19.85	19.95				
3	HQPSK	8	8	20.00	19.98	19.91	21.5	0		
3	HQPSK	1	14	19.89	19.89	19.91				
3	HQPSK	15	0	19.81	19.80	19.85				
3	HQPSK	6	4	19.74	19.57	19.40	21	0.5		
3	HQPSK	7	7	19.88	19.83	19.29				
3	HQPSK	15	0	19.81	19.80	19.85				
3	HQPSK	0	0	17.79	17.67	17.75				
3	HQPSK	1	0	17.63	17.70	17.73		19	2.5	
3	HQPSK	1	0	17.66	17.67	17.68				
3	HQPSK	6	0	17.61	17.73	17.72				
3	HQPSK	6	4	17.78	17.63	17.58		19	2.5	
3	HQPSK	6	7	17.64	17.61	17.59				
3	HQPSK	15	0	17.69	17.77	17.68				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	19.99	19.97	19.92				
1.4	QPSK	1	3	19.99	20.05	19.94				
1.4	QPSK	1	0	19.90	20.01	19.98	21.5	0		
1.4	QPSK	3	1	20.02	19.99	19.89				
1.4	QPSK	3	0	19.98	20.00	19.91				
1.4	QPSK	6	0	20.01	19.95	20.00	21.5	0		
1.4	HQPSK	1	0	19.89	19.99	19.90				
1.4	HQPSK	1	0	19.97	20.04	19.95				
1.4	HQPSK	3	0	19.99	20.04	19.92	21.5	0		
1.4	HQPSK	3	0	20.00	20.00	19.94				
1.4	HQPSK	3	0	19.93	20.06	19.98				
1.4	HQPSK	3	3	19.99	20.05	19.93	21.5	0		
1.4	HQPSK	6	0	19.94	19.97	19.90				
1.4	HQPSK	1	3	19.94	19.93	19.98				
1.4	HQPSK	3	0	19.85	19.98	19.95				
1.4	HQPSK	3	0	19.96	20.04	20.00	21.5	0		
1.4	HQPSK	3	1	19.85	19.98	19.95				
1.4	HQPSK	3	0	19.96	20.04	19.98				
1.4	HQPSK	6	0	19.88	19.92	19.59	21	0.5		
1.4	HQPSK	0	0	17.83	17.64	17.84				
1.4	HQPSK	0	0	17.84	17.61	17.80				
1.4	HQPSK	3	5	17.61	17.71	17.68	19	2.5		
1.4	HQPSK	0	0	17.69	17.59	17.62				
1.4	HQPSK	0	0	17.66	17.64	17.62				
1.4	HQPSK	3	3	17.51	17.73	17.60				
1.4	HQPSK	0	0	17.78	17.68	17.58	19	2.5		

Band 66 Ant 4										
RF (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 (W)	Power Main Ch. 2 (W)	Power Main Ch. 3 (W)	Power Main Ch. 4 (W)	Turn-on Time (s)	MPE (dB)	
Channel										
Frequency (MHz)										
26	QPSK	1	0	15.02	15.02	15.02				
26	QPSK	1	49	15.04	15.04	15.04		16.3	0	
26	QPSK	1	99	15.04	15.04	15.04				
26	QPSK	50	0	14.94	15.00	14.92				
26	QPSK	50	24	15.04	14.98	15.02		16.3	0	
26	QPSK	50	49	15.02	15.02	15.02				
26	QPSK	100	0	14.94	15.00	14.98				
26	HQAM	1	0	15.01	14.96	15.07		16.3	0	
26	HQAM	20	24	15.02	14.92	15.02				
26	HQAM	1	99	15.05	15.00	14.95				
26	HQAM	50	0	14.95	15.00	14.95		16.3	0	
26	HQAM	50	24	14.92	14.92	14.92				
26	HQAM	50	50	14.96	14.97	15.00				
26	HQAM	100	0	14.95	15.00	14.97				
26	HQAM	50	99	14.95	14.93	15.03				
26	HQAM	1	49	15.00	15.04	14.96		16.3	0	
26	HQAM	99	0	15.01	15.02	14.92				
26	HQAM	99	49	14.99	14.99	15.01				
26	HQAM	100	0	14.95	15.00	14.93		16.3	0	
26	HQAM	1	99	14.99	15.07	15.02				
26	HQAM	99	0	15.02	14.98	15.04				
26	HQAM	99	24	14.97	15.01	14.97				
26	HQAM	99	50	14.93	15.07	14.93		16.3	0	
26	HQAM	100	0	14.98	15.00	14.92				
Frequency (MHz)										
15	QPSK	1	0	17.17	17.43	17.73		16.3	0	
15	QPSK	1	37	14.96	14.97	14.97				
15	QPSK	1	74	14.97	14.99	14.95		16.3	0	
15	QPSK	25	0	14.99	14.99	14.99				
15	QPSK	25	12	14.99	14.90	14.97				
15	QPSK	25	25	14.99	14.90	14.97		16.3	0	
15	QPSK	36	39	14.95	14.98	14.91				
15	QPSK	75	0	14.91	14.98	14.98				
15	HQAM	1	37	14.99	14.99	14.99		16.3	0	
15	HQAM	1	74	14.91	14.93	14.97				
15	HQAM	25	0	14.99	14.97	14.97				
15	HQAM	36	20	15.00	14.95	14.98		16.3	0	
15	HQAM	36	39	14.99	15.01	14.92				
15	HQAM	75	0	14.87	14.92	14.99				
15	HQAM	1	37	14.92	14.96	14.99		16.3	0	
15	HQAM	1	74	14.91	14.90	14.99				
15	HQAM	25	12	14.93	14.96	14.99				
15	HQAM	36	20	14.91	15.01	14.93		16.3	0	
15	HQAM	36	39	14.90	14.92	14.99				
15	HQAM	75	0	14.87	14.92	14.99		16.3	0	
Channel										
Frequency (MHz)										
5	QPSK	1	0	15.002	15.024	15.046		Turn-on Time (s)	MPE (dB)	
5	QPSK	1	0	17.15	17.43	17.73		16.3	0	
5	QPSK	1	37	14.97	14.97	14.97				
5	QPSK	1	74	14.97	14.99	14.95		16.3	0	
5	QPSK	25	0	14.94	14.96	14.98				
5	QPSK	25	12	14.99	14.90	14.97				
5	QPSK	25	25	14.99	15.00	15.00				
5	QPSK	36	39	14.97	14.98	14.91				
5	QPSK	75	0	14.91	14.98	14.98				
5	HQAM	1	37	14.99	14.99	14.99		16.3	0	
5	HQAM	1	74	14.91	14.93	14.97				
5	HQAM	25	0	14.99	14.97	14.97				
5	HQAM	36	20	15.00	14.95	14.98		16.3	0	
5	HQAM	36	39	14.99	15.01	14.92				
5	HQAM	75	0	14.87	14.92	14.99				
5	HQAM	1	37	14.92	14.96	14.99		16.3	0	
5	HQAM	1	74	14.91	14.90	14.99				
5	HQAM	25	12	14.93	14.96	14.99				
5	HQAM	36	20	14.91	15.01	14.93		16.3	0	
5	HQAM	36	39	14.90	14.92	14.99				
5	HQAM	75	0	14.87	14.92	14.99		16.3	0	
Channel										
Frequency (MHz)										
3	QPSK	1	0	15.199	15.222	15.246		Turn-on Time (s)	MPE (dB)	
3	QPSK	1	0	17.15	17.43	17.73		16.3	0	
3	QPSK	1	37	14.96	14.96	14.97				
3	QPSK	1	74	14.97	14.99	14.95		16.3	0	
3	QPSK	25	0	14.94	14.96	14.98				
3	QPSK	25	12	14.99	14.90	14.97				
3	QPSK	25	25	14.99	15.00	15.00				
3	QPSK	36	39	14.97	14.98	14.91				
3	QPSK	75	0	14.91	14.98	14.98				
3	HQAM	1	37	14.99	14.99	14.99		16.3	0	
3	HQAM	1	74	14.91	14.93	14.97				
3	HQAM	25	0	14.99	14.97	14.97				
3	HQAM	36	20	15.00	14.95	14.98		16.3	0	
3	HQAM	36	39	14.99	15.01	14.92				
3	HQAM	75	0	14.87	14.92	14.99				
3	HQAM	1	37	14.92	14.96	14.99		16.3	0	
3	HQAM	1	74	14.91	14.90	14.99				
3	HQAM	25	12	14.93	14.96	14.99				
3	HQAM	36	20	14.91	15.01	14.93		16.3	0	
3	HQAM	36	39	14.90	14.92	14.99				
3	HQAM	75	0	14.87	14.92	14.99		16.3	0	
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	14.932	14.960	14.988		Turn-on Time (s)	MPE (dB)	
1.4	QPSK	1	0	17.15	17.43	17.73		16.3	0	
1.4	QPSK	1	37	14.96	14.96	14.97				
1.4	QPSK	1	74	14.97	14.99	14.95		16.3	0	
1.4	QPSK	25	0	14.94	14.96	14.98				
1.4	QPSK	25	12	14.99	14.90	14.97				
1.4	QPSK	25	25	14.99	15.00	15.00				
1.4	QPSK	36	39	14.97	14.98	14.91				
1.4	QPSK	75	0	14.91	14.98	14.98				
1.4	HQAM	1	37	14.99	14.99	14.99		16.3	0	
1.4	HQAM	1	74	14.91	14.93	14.97				
1.4	HQAM	25	0	14.99	14.97	14.97				
1.4	HQAM	36	20	15.00	14.95	14.98		16.3	0	
1.4	HQAM	36	39	14.99	15.01	14.92				
1.4	HQAM	75	0	14.87	14.92	14.99				
1.4	HQAM	1	37	14.92	14.96	14.99		16.3	0	
1.4	HQAM	1	74	14.91	14.90	14.99				
1.4	HQAM	25	12	14.93	14.96	14.99				
1.4	HQAM	36	20	14.91	15.01	14.93		16.3	0	
1.4	HQAM	36	39	14.90	14.92	14.99				
1.4	HQAM	75	0	14.87	14.92	14.99		16.3	0	
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	14.932	14.960	14.988		Turn-on Time (s)	MPE (dB)	
1.4	QPSK	1	0	17.15	17.43	17.73		16.3	0	
1.4	QPSK	1	37	14.96	14.96	14.97				
1.4	QPSK	1	74	14.97	14.99	14.95		16.3	0	
1.4	QPSK	25	0	14.94	14.96	14.98				
1.4	QPSK	25	12	14.99	14.90	14.97				
1.4	QPSK	25	25	14.99	15.00	15.00				
1.4	QPSK	36	39	14.97	14.98	14.91				
1.4	QPSK	75	0	14.91	14.98	14.98				
1.4	HQAM	1	37	14.99	14.99	14.99		16.3	0	
1.4	HQAM	1	74	14.91	14.93	14.97				
1.4	HQAM	25	0	14.99	14.97	14.97				
1.4	HQAM	36	20	15.00	14.95	14.98		16.3	0	
1.4	HQAM	36	39	14.99	15.01	14.92				
1.4	HQAM	75	0	14.87	14.92	14.99				
1.4	HQAM	1	37	14.92	14.96	14.99		16.3	0	
1.4	HQAM	1	74	14.91	14.90	14.99				
1.4	HQAM	25	12	14.93	14.96	14.99				
1.4	HQAM	36	20	14.91	15.01	14.93		16.3	0	
1.4	HQAM	36	39	14.90	14.92	14.99				
1.4	HQAM	75	0	14.87	14.92	14.99		16.3	0	
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	14.932	14.960	14.988		Turn-on Time (s)	MPE (dB)	
1.4	QPSK	1	0	17.15	17.43	17.73		16.3	0	
1.4	QPSK	1	37	14.96	14.96	14.97				
1.4	QPSK	1	74	14.97	14.99	14.95		16.3	0	
1.4	QPSK	25	0	14.94	14.96	14.98				
1.4	QPSK	25	12	14.99	14.90	14.97				
1.4	QPSK	25	25	14.99	15.00	15.00				
1.4	QPSK	36	39	14.97	14.98	14.91				
1.4	QPSK	75	0	14.91	14.98	14.98				
1.4	HQAM	1	37	14.99	14.99	14.99		16.3	0	
1.4	HQAM	1	74	14.91	14.93	14.97				
1.4	HQAM	25	0	14.99	14.97	14.97				
1.4	HQAM	36	20	15.00	14.95	14.98		16.3	0	
1.4	HQAM	36	39	14.99	15.01	14.92				
1.4	HQAM	75	0	14.87	14.92	14.99				
1.4	HQAM	1	37	14.92	14.96	14.99		16.3	0	
1.4	HQAM	1	74	14.91	14.90	14.99				
1.4	HQAM	25	12	14.93	14.96	14.99				
1.4	HQAM	36	20	14.91	15.01	14.93		16.3	0	
1.4	HQAM	36	39	14.90	14.92	14.99				
1.4	HQAM	75	0	14.87	14.92	14.99		16.3	0	
Channel										
Frequency (MHz)										
1.4										

Band 38 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	16.74	16.80	16.74	17.5	0	
20	QPSK	1	49	16.64	16.69	16.63			
20	QPSK	1	99	16.69	16.67	16.65			
20	QPSK	50	0	16.71	16.75	16.64			
20	QPSK	50	24	16.73	16.72	16.63	17.5	0	
20	QPSK	50	50	16.66	16.66	16.64			
20	QPSK	100	0	16.63	16.74	16.65			
20	16QAM	1	0	16.68	16.74	16.61			
20	16QAM	1	49	16.74	16.77	16.67	17.5	0	
20	16QAM	1	99	16.63	16.67	16.74			
20	16QAM	50	0	16.61	16.76	16.67			
20	16QAM	50	24	16.69	16.69	16.63			
20	16QAM	50	50	16.65	16.67	16.71	17.5	0	
20	16QAM	100	0	16.71	16.74	16.61			
20	64QAM	1	0	16.65	16.74	16.68			
20	64QAM	1	49	16.73	16.71	16.72			
20	64QAM	1	99	16.68	16.65	16.61	17.5	0	
20	64QAM	50	0	16.68	16.71	16.68			
20	64QAM	50	24	16.61	16.76	16.66			
20	64QAM	50	50	16.62	16.66	16.73			
20	64QAM	100	0	16.65	16.68	16.63	17.5	0	
20	256QAM	1	0	16.69	16.78	16.71			
20	256QAM	1	49	16.68	16.69	16.61			
20	256QAM	1	99	16.68	16.68	16.68			
20	256QAM	50	0	16.71	16.69	16.63	17.5	0	
20	256QAM	50	24	16.67	16.78	16.69			
20	256QAM	50	50	16.71	16.72	16.62			
20	256QAM	100	0	16.64	16.77	16.61			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	16.61	16.70	16.71	17.5	0	
15	QPSK	1	37	16.67	16.69	16.61			
15	QPSK	1	74	16.62	16.73	16.73			
15	QPSK	36	0	16.68	16.75	16.68			
15	QPSK	36	20	16.72	16.76	16.70	17.5	0	
15	QPSK	36	39	16.70	16.77	16.63			
15	QPSK	75	0	16.71	16.76	16.61			
15	16QAM	1	0	16.69	16.71	16.73			
15	16QAM	1	37	16.70	16.74	16.68	17.5	0	
15	16QAM	1	74	16.66	16.78	16.60			
15	16QAM	36	0	16.71	16.66	16.64			
15	16QAM	36	20	16.68	16.77	16.73			
15	16QAM	36	39	16.60	16.67	16.70	17.5	0	
15	16QAM	75	0	16.64	16.75	16.66			
15	64QAM	1	0	16.72	16.68	16.70			
15	64QAM	36	20	16.73	16.73	16.66			
15	64QAM	36	39	16.66	16.66	16.60	17.5	0	
15	64QAM	75	0	16.69	16.65	16.70			
15	256QAM	1	0	16.64	16.75	16.61			
15	256QAM	1	37	16.63	16.76	16.70			
15	256QAM	1	74	16.73	16.77	16.69	17.5	0	
15	256QAM	36	0	16.62	16.76	16.74			
15	256QAM	36	20	16.67	16.71	16.66			
15	256QAM	36	39	16.74	16.77	16.65			
15	256QAM	36	75	16.69	16.65	16.66	17.5	0	
15	256QAM	75	0	16.64	16.75	16.61			
15	256QAM	75	37	16.63	16.76	16.70			
15	256QAM	75	74	16.73	16.77	16.69			
15	256QAM	75	107	16.62	16.76	16.74	17.5	0	
15	256QAM	75	140	16.67	16.71	16.66			
15	256QAM	75	173	16.62	16.76	16.74			
15	256QAM	75	206	16.65	16.71	16.63			
Channel				37900	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	16.68	16.79	16.69	17.5	0	
10	QPSK	1	25	16.64	16.72	16.69			
10	QPSK	1	49	16.68	16.69	16.67			
10	QPSK	25	0	16.69	16.73	16.72			
10	QPSK	25	12	16.61	16.73	16.70	17.5	0	
10	QPSK	25	25	16.65	16.77	16.73			
10	QPSK	50	0	16.74	16.77	16.65			
10	16QAM	1	0	16.66	16.76	16.63			
10	16QAM	1	25	16.67	16.79	16.69	17.5	0	
10	16QAM	1	49	16.69	16.65	16.66			
10	16QAM	25	0	16.67	16.71	16.68			
10	16QAM	25	12	16.61	16.66	16.64			
10	16QAM	25	25	16.69	16.70	16.70	17.5	0	
10	16QAM	50	0	16.61	16.66	16.60			
10	64QAM	1	0	16.69	16.72	16.62			
10	64QAM	1	25	16.61	16.75	16.71			
10	64QAM	1	49	16.68	16.73	16.68	17.5	0	
10	64QAM	25	0	16.71	16.77	16.70			
10	64QAM	25	12	16.72	16.65	16.63			
10	64QAM	25	25	16.73	16.67	16.67			
10	64QAM	50	0	16.62	16.78	16.72	17.5	0	
10	256QAM	1	0	16.60	16.75	16.73			
10	256QAM	1	25	16.69	16.67	16.63			
10	256QAM	1	49	16.64	16.75	16.62			
10	256QAM	25	0	16.70	16.72	16.71	17.5	0	
10	256QAM	25	12	16.61	16.77	16.68			
10	256QAM	25	25	16.65	16.73	16.64			
10	256QAM	50	0	16.68	16.73	16.64			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	16.73	16.77	16.65	17.5	0	
5	QPSK	1	12	16.67	16.68	16.62			
5	QPSK	1	24	16.68	16.75	16.70			
5	QPSK	12	0	16.65	16.71	16.69			
5	QPSK	12	7	16.61	16.76	16.71	17.5	0	
5	QPSK	12	13	16.71	16.76	16.73			
5	QPSK	25	0	16.61	16.74	16.62			
5	16QAM	1	0	16.70	16.72	16.70			
5	16QAM	1	12	16.69	16.66	16.71	17.5	0	
5	16QAM	1	24	16.64	16.72	16.71			
5	16QAM	12	0	16.68	16.76	16.65			
5	16QAM	12	7	16.72	16.67	16.62			
5	16QAM	12	13	16.72	16.76	16.70	17.5	0	
5	16QAM	25	0	16.62	16.72	16.70			
5	64QAM	1	0	16.72	16.70	16.61			
5	64QAM	1	12	16.67	16.76	16.73			
5	64QAM	1	24	16.69	16.65	16.66	17.5	0	
5	64QAM	12	0	16.64	16.69	16.71			
5	64QAM	12	7	16.68	16.69	16.64			
5	64QAM	12	13	16.73	16.73	16.65			
5	64QAM	25	0	16.60	16.71	16.70	17.5	0	
5	256QAM	1	0	16.63	16.65	16.61			
5	256QAM	1	12	16.62	16.78	16.71			
5	256QAM	1	24	16.61	16.75	16.61			
5	256QAM	12	0	16.64	16.77	16.73	17.5	0	
5	256QAM	12	7	16.68	16.65	16.60			
5	256QAM	12	13	16.65	16.67	16.61			
5	256QAM	25	0	16.68	16.70	16.66			

Band 42 FCC Part27Q 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				42190	42590	42990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	15.86	15.92	15.84	16.7	0	
20	QPSK	1	49	15.87	15.89	15.80			
20	QPSK	1	99	15.82	15.89	15.79			
20	QPSK	50	0	15.75	15.90	15.82			
20	QPSK	50	24	15.86	15.89	15.79	16.7	0	
20	QPSK	50	50	15.89	15.81	15.76			
20	QPSK	100	0	15.77	15.89	15.67			
20	16QAM	1	0	15.86	15.80	15.77			
20	16QAM	1	49	15.77	15.82	15.85	16.7	0	
20	16QAM	50	0	15.80	15.91	15.80			
20	16QAM	50	0	15.78	15.90	15.84			
20	16QAM	50	24	15.80	15.81	15.88			
20	16QAM	50	50	15.83	15.89	15.85	16.7	0	
20	16QAM	100	0	15.85	15.85	15.86			
20	64QAM	1	0	15.86	15.83	15.79			
20	64QAM	1	49	15.79	15.79	15.87	16.7	0	
20	64QAM	1	99	15.88	15.89	15.77			
20	64QAM	50	0	15.76	15.88	15.75			
20	64QAM	50	24	15.83	15.80	15.85			
20	64QAM	50	50	15.87	15.90	15.85	16.7	0	
20	64QAM	100	0	15.78	15.90	15.88			
20	256QAM	1	0	15.86	15.83	15.88			
20	256QAM	1	49	15.80	15.80	15.76	16.7	0	
20	256QAM	1	99	15.77	15.82	15.85			
20	256QAM	50	0	15.85	15.85	15.85			
20	256QAM	50	24	15.83	15.82	15.84			
20	256QAM	50	50	15.81	15.85	15.89	16.7	0	
20	256QAM	100	0	15.87	15.79	15.81			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3542.5			
15	QPSK	1	0	15.75	15.83	15.75	16.7	0	
15	QPSK	1	37	15.78	15.76	15.83			
15	QPSK	1	74	15.77	15.83	15.76			
15	QPSK	36	0	15.77	15.75	15.83			
15	QPSK	36	20	15.85	15.79	15.85	16.7	0	
15	QPSK	36	39	15.83	15.87	15.73			
15	QPSK	75	0	15.82	15.81	15.81			
15	16QAM	1	0	15.76	15.75	15.74			
15	16QAM	1	37	15.85	15.82	15.79	16.7	0	
15	16QAM	1	74	15.77	15.76	15.79			
15	16QAM	36	0	15.85	15.80	15.78			
15	16QAM	36	20	15.84	15.87	15.74			
15	16QAM	36	39	15.79	15.79	15.81	16.7	0	
15	16QAM	75	0	15.76	15.81	15.76			
15	64QAM	1	0	15.73	15.80	15.79			
15	64QAM	1	37	15.80	15.77	15.79			
15	64QAM	1	74	15.80	15.81	15.84	16.7	0	
15	64QAM	36	0	15.72	15.86	15.76			
15	64QAM	36	20	15.85	15.86	15.77			
15	64QAM	36	39	15.79	15.75	15.80			
15	64QAM	75	0	15.78	15.87	15.76	16.7	0	
15	256QAM	1	0	15.81	15.85	15.83			
15	256QAM	1	37	15.75	15.84	15.75			
15	256QAM	1	74	15.79	15.79	15.81			
15	256QAM	36	0	15.83	15.85	15.77	16.7	0	
15	256QAM	36	20	15.85	15.79	15.81			
15	256QAM	36	39	15.78	15.77	15.76			
15	256QAM	75	0	15.77	15.77	15.84			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	15.77	15.81	15.73	16.7	0	
10	QPSK	1	25	15.85	15.85	15.80			
10	QPSK	1	49	15.83	15.84	15.86			
10	QPSK	25	0	15.85	15.86	15.78			
10	QPSK	25	12	15.79	15.87	15.75	16.7	0	
10	QPSK	25	25	15.77	15.87	15.81			
10	QPSK	50	0	15.78	15.83	15.78			
10	16QAM	1	0	15.84	15.75	15.78			
10	16QAM	1	25	15.72	15.76	15.77	16.7	0	
10	16QAM	1	49	15.76	15.86	15.79			
10	16QAM	25	0	15.77	15.85	15.84			
10	16QAM	25	12	15.83	15.85	15.76			
10	16QAM	25	25	15.76	15.80	15.83	16.7	0	
10	16QAM	50	0	15.73	15.85	15.82			
10	64QAM	1	0	15.76	15.77	15.77			
10	64QAM	1	25	15.75	15.77	15.83			
10	64QAM	1	49	15.80	15.77	15.80	16.7	0	
10	64QAM	25	0	15.85	15.88	15.78			
10	64QAM	25	12	15.83	15.75	15.76			
10	64QAM	25	25	15.84	15.85	15.75			
10	64QAM	50	0	15.77	15.76	15.78	16.7	0	
10	256QAM	1	0	15.84	15.77	15.79			
10	256QAM	1	25	15.81	15.86	15.72			
10	256QAM	1	49	15.77	15.80	15.78			
10	256QAM	25	0	15.74	15.75	15.75	16.7	0	
10	256QAM	25	12	15.85	15.87	15.76			
10	256QAM	25	25	15.76	15.82	15.84			
10	256QAM	50	0	15.79	15.85	15.76			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	15.82	15.80	15.74	16.7	0	
5	QPSK	1	12	15.73	15.80	15.74			
5	QPSK	1	24	15.72	15.80	15.78			
5	QPSK	12	0	15.73	15.88	15.74			
5	QPSK	12	7	15.74	15.79	15.86	16.7	0	
5	QPSK	12	13	15.83	15.77	15.79			
5	QPSK	25	0	15.81	15.87	15.77			
5	16QAM	1	0	15.78	15.75	15.83			
5	16QAM	1	12	15.78	15.80	15.77	16.7	0	
5	16QAM	1	24	15.81	15.77	15.78			
5	16QAM	12	0	15.84	15.79	15.74			
5	16QAM	12	7	15.82	15.85	15.85			
5	16QAM	12	13	15.80	15.84	15.83	16.7	0	
5	16QAM	25	0	15.79	15.76	15.79			
5	64QAM	1	0	15.80	15.84	15.75			
5	64QAM	1	12	15.79	15.83	15.85			
5	64QAM	1	24	15.81	15.83	15.74	16.7	0	
5	64QAM	12	0	15.76	15.86	15.75			
5	64QAM	12	7	15.85	15.86	15.80			
5	64QAM	12	13	15.73	15.86	15.75			
5	64QAM	25	0	15.80	15.87	15.78	16.7	0	
5	256QAM	1	0	15.73	15.86	15.78			
5	256QAM	1	12	15.81	15.87	15.75			
5	256QAM	1	24	15.78	15.81	15.79			
5	256QAM	12	0	15.74	15.74	15.78	16.7	0	
5	256QAM	12	7	15.76	15.86	15.80			
5	256QAM	12	13	15.75	15.86	15.77			
5	256QAM	25	0	15.84	15.79	15.76			

Full & Default Power

Band 5 Ant 0												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med Ch. / Freq.	Power High Ch. / Freq.	Tune-up (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.73	22.93	22.77	24	0				
10	QPSK	1	25	22.49	22.72	22.72						
10	QPSK	1	49	22.73	22.77	22.77						
10	QPSK	25	0	21.89	21.94	21.91						
10	QPSK	25	12	21.86	21.76	21.91	23	1				
10	QPSK	25	25	21.86	21.85	21.87						
10	QPSK	50	0	21.72	21.99	21.78						
10	16QAM	1	0	21.78	22.05	21.83						
10	16QAM	1	25	21.84	21.75	21.95	23	1				
10	16QAM	1	49	21.80	21.83	21.91						
10	16QAM	25	0	21.01	20.88	20.87						
10	16QAM	25	12	20.85	20.88	20.88						
10	16QAM	25	25	20.90	20.76	20.75	22	2				
10	16QAM	50	0	20.90	20.69	21.02						
10	64QAM	1	0	20.94	20.93	20.80						
10	64QAM	1	25	20.89	20.81	20.89						
10	64QAM	1	49	20.93	20.71	20.72	22	2				
10	64QAM	25	0	19.77	19.75	19.83						
10	64QAM	25	12	19.79	19.77	20.05						
10	64QAM	25	25	19.74	19.93	19.81						
10	256QAM	1	0	17.94	17.97	17.85	19	5				
10	256QAM	1	25	18.01	17.91	18.04						
10	256QAM	1	49	18.01	17.81	17.95						
10	256QAM	25	0	17.75	17.82	17.81						
10	256QAM	25	12	18.07	17.71	17.97	19	5				
10	256QAM	25	25	17.85	17.73	17.85						
10	256QAM	50	0	17.91	17.96	17.93						
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.62	22.75	22.65	24	0				
5	QPSK	1	12	22.45	22.84	22.72						
5	QPSK	1	24	22.71	22.85	22.70						
5	QPSK	12	0	21.84	21.80	21.74						
5	QPSK	12	7	21.80	21.67	21.92	23	1				
5	QPSK	12	13	21.80	21.69	21.78						
5	QPSK	25	0	21.54	21.86	21.65						
5	16QAM	1	0	21.59	21.89	21.64						
5	16QAM	1	12	21.84	21.82	21.78	23	1				
5	16QAM	1	24	21.69	21.81	21.76						
5	16QAM	12	0	20.87	20.88	20.81						
5	16QAM	12	7	20.85	20.82	20.89						
5	16QAM	12	13	20.86	20.75	20.98	22	2				
5	16QAM	25	0	20.75	20.70	20.94						
5	64QAM	1	0	20.91	20.78	20.81						
5	64QAM	1	12	20.77	20.69	20.88						
5	64QAM	1	24	20.91	20.53	20.85	22	2				
5	64QAM	12	0	19.76	19.54	19.59						
5	64QAM	12	7	19.76	19.77	19.92						
5	64QAM	12	13	19.84	19.72	19.83						
5	64QAM	25	0	19.77	19.67	19.76	21	3				
5	256QAM	1	0	17.79	17.92	17.87						
5	256QAM	1	12	17.95	17.80	18.06						
5	256QAM	1	24	18.01	17.73	17.85						
5	256QAM	12	0	17.66	17.62	17.73	19	5				
5	256QAM	12	7	17.64	17.70	17.88						
5	256QAM	12	13	17.84	17.59	17.78						
5	256QAM	25	0	17.75	17.85	17.92						
Channel												
Frequency (MHz)												
3	QPSK	1	0	22.61	22.87	22.75	24	0				
3	QPSK	1	8	22.39	22.71	22.70						
3	QPSK	1	14	22.53	22.57	22.71						
3	QPSK	8	0	21.84	21.90	21.80						
3	QPSK	8	4	21.69	21.67	21.68	23	1				
3	QPSK	8	7	21.85	21.70	21.86						
3	QPSK	15	0	21.51	21.96	21.69						
3	16QAM	1	0	21.74	21.87	21.83						
3	16QAM	1	8	21.85	21.54	21.98	23	1				
3	16QAM	1	14	21.70	21.82	21.74						
3	16QAM	8	0	21.00	20.90	20.51						
3	16QAM	8	4	20.79	20.81	20.72						
3	16QAM	8	7	20.76	20.75	20.73	22	2				
3	16QAM	15	0	20.79	20.66	20.95						
3	64QAM	1	0	20.81	20.78	20.78						
3	64QAM	1	8	20.69	20.75	20.73						
3	64QAM	1	14	20.89	20.54	20.73	22	2				
3	64QAM	8	0	19.70	19.74	19.58						
3	64QAM	8	4	19.70	19.75	20.06						
3	64QAM	8	7	19.65	19.73	19.76						
3	64QAM	15	0	19.77	19.61	19.84	21	3				
3	256QAM	1	0	17.79	17.94	17.80						
3	256QAM	1	8	17.97	17.71	18.00						
3	256QAM	1	14	17.88	17.73	17.74						
3	256QAM	8	0	17.76	17.72	17.78	19	5				
3	256QAM	8	4	17.89	17.51	17.93						
3	256QAM	8	7	17.72	17.74	17.80						
3	256QAM	15	0	17.71	17.88	17.73						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	22.52	22.78	22.76	24	0				
1.4	QPSK	1	3	22.51	22.87	22.74						
1.4	QPSK	1	5	22.44	22.65	22.58						
1.4	QPSK	3	0	22.64	22.89	22.85						
1.4	QPSK	3	14	22.50	22.77	22.54	23	1				
1.4	QPSK	3	3	22.59	22.72	22.84						
1.4	QPSK	6	0	21.91	21.85	21.77						
1.4	16QAM	1	0	21.71	21.87	21.87						
1.4	16QAM	1	3	21.69	21.84	21.76	23	1				
1.4	16QAM	1	5	21.80	21.78	21.82						
1.4	16QAM	3	0	21.68	21.65	21.70						
1.4	16QAM	3	1	21.66	21.79	21.84						
1.4	16QAM	3	3	21.59	21.50	21.59	22	2				
1.4	16QAM	6	0	20.67	20.59	20.91						
1.4	64QAM	1	0	20.63	20.81	20.84						
1.4	64QAM	1	3	20.74	20.58	20.86						
1.4	64QAM	1	5	20.81	20.64	20.62	22	2				
1.4	64QAM	3	0	20.77	20.64	20.95						
1.4	64QAM	3	1	20.74	20.78	20.78						
1.4	64QAM	3	3	20.88	20.54	20.86						
1.4	64QAM	6	0	19.59	19.57	19.74	21	3				
1.4	256QAM	1	0	17.94	17.80	17.78						
1.4	256QAM	1	3	18.03	17.79	17.86						
1.4	256QAM	1	5	17.88	17.81	17.83						
1.4	256QAM	3	0	17.70	17.70	17.81	19	5				
1.4	256QAM	3	1	18.02	17.63	17.92						
1.4	256QAM	3	3	17.70	17.63	17.81						
1.4	256QAM	6	0	17.84	17.73	17.69						

Band 26 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 26665	Power Med Ch. / Freq. 26765	Power High Ch. / Freq. 26865	Tune-up (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.72	23.01	22.85	24	0	
15	QPSK	1	37	22.82	22.71	22.51			
15	QPSK	1	74	22.66	22.81	22.77			
15	QPSK	36	0	21.67	21.84	21.65			
15	QPSK	36	20	21.71	21.84	21.75	23	1	
15	QPSK	36	39	21.72	21.79	21.80	23	1	
15	QPSK	1	0	21.61	21.79	21.71			
15	QPSK	1	37	21.60	21.68	21.66			
15	QPSK	1	74	21.56	21.68	21.66			
15	QPSK	1	74	21.67	21.70	21.84	22	2	
15	QPSK	1	0	20.86	20.66	20.73			
15	QPSK	36	20	20.72	20.60	20.68			
15	QPSK	36	39	20.83	20.90	20.77			
15	QPSK	75	0	20.83	20.81	20.85	21		
15	QPSK	1	0	20.74	20.73	20.73			
15	QPSK	1	74	20.79	20.70	20.78			
15	QPSK	36	0	20.68	20.62	20.87			
15	QPSK	36	20	19.91	19.72	19.90	21		
15	QPSK	36	39	19.83	19.84	19.81			
15	QPSK	36	74	19.72	19.62	19.88			
15	QPSK	75	0	19.75	19.81	19.78			
15	256QAM	1	0	17.56	17.61	17.66	19	5	
15	256QAM	1	37	17.64	17.83	17.85			
15	256QAM	1	74	17.73	17.78	17.82			
15	256QAM	36	0	17.63	17.50	17.64			
15	256QAM	36	20	17.78	17.56	17.62	19	5	
15	256QAM	36	39	17.70	17.75	17.78			
15	256QAM	75	0	17.62	17.72	17.66			
15	256QAM	75	0	17.63	17.63	17.63			
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.63	22.87	22.77	24	0	
10	QPSK	1	25	22.73	22.65	22.40			
10	QPSK	1	49	22.58	22.71	22.71			
10	QPSK	25	12	21.67	21.61	21.58			
10	QPSK	25	12	21.73	21.59	21.61	23	1	
10	QPSK	25	25	21.64	21.70	21.62			
10	QPSK	25	0	21.55	21.80	21.58			
10	QPSK	25	12	21.59	21.64	21.65			
10	QPSK	1	25	21.53	21.60	21.54	23	1	
10	QPSK	1	49	21.47	21.66	21.84			
10	QPSK	25	0	20.77	20.46	20.73			
10	QPSK	25	12	20.60	20.60	20.60			
10	QPSK	25	12	20.75	20.90	20.66	22	2	
10	QPSK	25	0	20.76	20.64	20.66			
10	QPSK	25	0	20.56	20.71	20.62			
10	QPSK	1	25	20.74	20.59	20.63			
10	QPSK	1	49	20.58	20.68	20.89	21	3	
10	QPSK	25	0	19.91	19.60	19.73			
10	QPSK	25	12	19.64	19.71	18.61			
10	QPSK	25	25	19.54	19.60	19.78			
10	QPSK	25	0	19.75	19.68	19.68	19	5	
10	256QAM	1	0	17.50	17.50	17.53			
10	256QAM	1	25	17.47	17.82	17.76			
10	256QAM	1	49	17.70	17.76	17.75			
10	256QAM	25	12	17.62	17.79	17.69	19	5	
10	256QAM	25	12	17.67	17.54	17.56			
10	256QAM	25	25	17.49	17.58	17.68			
10	256QAM	50	0	17.62	17.62	17.62			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.73	22.94	22.84	24	0	
5	QPSK	1	12	22.73	22.50	22.48			
5	QPSK	1	24	22.59	22.73	22.74			
5	QPSK	12	0	21.65	21.74	21.65			
5	QPSK	12	0	21.57	21.52	21.55	23	1	
5	QPSK	12	13	21.55	21.65	21.80			
5	QPSK	25	0	21.58	21.63	21.57			
5	QPSK	1	0	21.46	21.59	21.50			
5	QPSK	1	0	21.52	21.51	21.48	23		
5	QPSK	1	24	21.52	21.54	21.70			
5	QPSK	12	0	20.85	20.59	20.72			
5	QPSK	12	7	20.72	20.66	20.52			
5	QPSK	12	7	20.77	20.65	20.69	22	2	
5	QPSK	25	0	20.83	20.60	20.63			
5	QPSK	1	0	20.69	20.63	20.63			
5	QPSK	1	12	20.57	20.43	20.57			
5	QPSK	1	24	20.65	20.40	20.79	21	3	
5	QPSK	12	0	19.74	19.55	19.82			
5	QPSK	12	7	19.72	19.71	19.66			
5	QPSK	12	13	19.55	19.45	19.92			
5	QPSK	25	0	19.72	19.62	19.59	19	5	
5	QPSK	25	0	17.46	17.61	17.46			
5	256QAM	1	12	17.53	17.65	17.72			
5	256QAM	1	24	17.70	17.77	17.43			
5	256QAM	12	0	17.42	17.77	17.43	19	5	
5	256QAM	12	7	17.68	17.72	17.62			
5	256QAM	12	13	17.51	17.75	17.64			
5	256QAM	25	0	17.49	17.58	17.65			
Channel									
Frequency (MHz)									
3	QPSK	1	0	22.66	22.66	22.65	23	1	
3	QPSK	1	14	22.70	22.72	22.68			
3	QPSK	8	0	21.64	21.71	21.61			
3	QPSK	8	8	21.54	21.47	21.70			
3	QPSK	8	8	21.54	21.73	21.81	22	2	
3	QPSK	15	0	21.48	21.65	21.54			
3	QPSK	1	0	21.49	21.66	21.46			
3	QPSK	1	8	21.43	21.58	21.53			
3	QPSK	15	0	21.50	21.43	21.67	21	3	
3	QPSK	8	0	20.67	20.63	20.56			
3	QPSK	8	4	20.52	20.49	20.55			
3	QPSK	8	4	20.81	20.88	20.74			
3	QPSK	8	4	20.76	20.63	20.74	22	2	
3	QPSK	1	0	20.62	20.55	20.61			
3	QPSK	1	8	20.61	20.55	20.75			
3	QPSK	1	14	20.51	20.48	20.83			
3	QPSK	8	8	19.82	19.57	19.77	21	3	
3	QPSK	8	4	19.84	19.84	19.77			
3	QPSK	8	7	19.60	19.43	19.92			
3	QPSK	15	0	19.65	19.64	19.77			
3	QPSK	1	0	17.48	17.57	17.57	19	5	
3	QPSK	1	8	17.48	17.74	17.72			
3	256QAM	1	14	17.51	17.83	17.40			
3	256QAM	8	0	17.43	17.48	17.56			
3	256QAM	8	4	17.69	17.37	17.58	19	5	
3	256QAM	8	4	17.84	17.77	17.63			
3	256QAM	15	0	17.59	17.51	17.67			
3	256QAM	15	0	20.69	20.66	20.53			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.61	22.72	22.62	23	1	
1.4	QPSK	1	3	22.64	22.63	22.63			
1.4	QPSK	1	5	22.60	22.78	22.52			
1.4	QPSK	1	3	22.61	22.71	22.54			
1.4	QPSK	1	3	22.78	22.63	22.50	22	2	
1.4	QPSK	1	5	22.51	22.62	22.59			
1.4	QPSK	0	0	21.53	21.65	21.71			
1.4	QPSK	1	0	21.51	21.66	21.69			
1.4	QPSK	1	3	21.61	21.60	21.61	22	2	
1.4	QPSK	1	3	21.78	21.64	20.76			
1.4	QPSK	1	3	21.50	21.50	21.39			
1.4	QPSK	1	3	21.69	21.29	21.45			
1.4	QPSK	3	3	21.49	21.61	21.52	21	3	
1.4	QPSK	3	3	20.87	20.44	20.76			
1.4	QPSK	1	20	20.80	20.83	20.64			
1.4	QPSK	1	3	20.74	20.54	20.69			
1.4	QPSK	1	5	20.65	20.63	20.63	22	2	
1.4	QPSK	3	0	20.79	20.55	20.65			
1.4	QPSK	3	0	20.63	20.63	20.60			
1.4	QPSK	3	3	20.49	20.47	20.60			
1.4	QPSK	6	0	19.85	19.69	19.62	21	3	
1.4	256QAM	1	0	17.50	17.58	17.59			
1.4	256QAM	1	3	17.40	17.69	17.64			
1.4	256QAM	1	5	17.60	17.81	17.69			
1.4	256QAM	3	0	17.60	17.54	17.67	19	5	
1.4	256QAM	3	1	17.46	17.39	17.74			
1.4	256QAM	3	3	17.60	17.53	17.70			
1.4	256QAM	3	3	17.57	17.63	17.71			

Band 2 Ant 1													
BW (MHz)	Modulation	RIS Size	RIS Offset	Power Low Ch./Freq. (dBm)	Power Min Ch./Freq. (dBm)	Power High Ch./Freq. (dBm)	Turn-on time (sec)	MPR (dB)					
Channel													
Frequency (MHz)													
20	QPSK	1	0	22.82	22.88	22.87			24	0			
20	QPSK	1	49	22.82	22.84	22.84							
20	QPSK	1	99	22.82	22.76	22.74			23	1			
20	QPSK	50	0	21.66	21.61	21.66							
20	QPSK	50	24	21.74	21.61	21.55			23	1			
20	QPSK	50	50	21.68	21.68	21.64							
20	QPSK	100	0	21.73	21.70	21.74			23	1			
20	QPSK	100	50	21.68	21.65	21.65							
20	QPSK	1	49	21.61	21.64	21.64			22	2			
20	QPSK	1	99	21.74	21.64	21.73							
20	QPSK	50	0	20.99	20.95	20.99			21	3			
20	QPSK	50	24	20.95	20.93	20.92							
20	QPSK	50	50	20.95	20.93	20.94			21	3			
20	QPSK	50	99	20.91	20.89	20.94							
20	QPSK	100	0	20.49	20.49	20.52			19	5			
20	QPSK	100	50	20.49	20.49	20.52							
20	QPSK	1	49	20.49	20.52	20.57			22	2			
20	QPSK	1	99	20.49	20.52	20.57							
20	QPSK	50	0	17.81	17.84	17.77			19	5			
20	QPSK	50	24	17.81	17.82	17.78							
20	QPSK	50	50	17.82	17.78	17.77			19	5			
20	QPSK	50	99	17.80	17.76	17.77							
20	QPSK	100	0	17.67	17.67	17.65							
Channel													
Frequency (MHz)													
15	QPSK	1	0	22.52	22.73	22.81			24	0			
15	QPSK	1	37	22.58	22.77	22.83							
15	QPSK	1	74	22.48	22.61	22.70			23	1			
15	QPSK	36	0	21.68	21.67	21.49							
15	QPSK	36	39	21.56	21.41	21.41			23	1			
15	QPSK	36	99	21.56	21.38	21.59							
15	QPSK	75	0	21.62	21.62	21.73			23	1			
15	QPSK	75	0	21.62	21.62	21.73							
15	QPSK	1	37	21.52	21.46	21.53			22	2			
15	QPSK	1	99	21.52	21.46	21.53							
15	QPSK	36	0	20.52	20.49	20.55			21	3			
15	QPSK	36	39	20.34	20.49	20.38							
15	QPSK	36	99	20.45	20.49	20.54			22	2			
15	QPSK	75	0	20.54	20.49	20.54							
15	QPSK	1	0	20.33	20.49	20.39			22	2			
15	QPSK	1	49	20.33	20.49	20.39							
15	QPSK	1	99	20.33	20.49	20.39			21	3			
15	QPSK	1	74	20.35	20.32	20.43							
15	QPSK	36	0	19.47	19.69	19.35			21	3			
15	QPSK	36	39	19.49	19.44	19.49							
15	QPSK	36	99	19.45	19.55	19.62			19	5			
15	QPSK	75	0	19.61	19.64	19.65							
15	QPSK	1	37	17.42	17.50	17.52			19	5			
15	QPSK	1	99	17.49	17.60	17.76							
15	QPSK	36	0	17.42	17.49	17.42			19	5			
15	QPSK	36	39	17.42	17.49	17.42							
15	QPSK	36	99	17.46	17.58	17.37							
15	QPSK	75	0	17.46	17.58	17.42							
Channel													
Frequency (MHz)													
10	QPSK	1	0	22.34	22.30	22.31			24	0			
10	QPSK	1	25	22.35	22.70	22.61							
10	QPSK	1	49	22.47	22.69	22.56			23	1			
10	QPSK	1	74	22.47	22.69	22.56							
10	QPSK	25	0	21.71	21.45	21.48			23	1			
10	QPSK	25	25	21.67	21.30	21.61							
10	QPSK	25	49	21.67	21.30	21.61			23	1			
10	QPSK	25	74	21.67	21.30	21.61							
10	QPSK	1	0	21.49	21.45	21.59			23	1			
10	QPSK	1	25	21.46	21.51	21.53							
10	QPSK	1	49	21.52	21.44	21.54			22	2			
10	QPSK	1	74	21.52	21.44	21.54							
10	QPSK	25	0	20.55	20.52	20.48			21	3			
10	QPSK	25	25	20.47	20.36	20.61							
10	QPSK	25	49	20.58	20.53	20.43			22	2			
10	QPSK	25	74	20.58	20.53	20.43							
10	QPSK	1	0	20.39	20.69	20.47			22	2			
10	QPSK	1	25	20.52	20.52	20.49							
10	QPSK	1	49	20.52	20.52	20.49			21	3			
10	QPSK	1	74	20.52	20.52	20.49							
10	QPSK	25	0	19.51	19.69	19.51			21	3			
10	QPSK	25	25	19.68	19.62	19.62							
10	QPSK	25	49	19.48	19.44	19.62			19	5			
10	QPSK	25	74	19.58	19.62	19.62							
10	QPSK	1	0	19.38	19.38	19.40			19	5			
10	QPSK	1	25	17.42	17.63	17.42							
10	QPSK	1	49	17.46	17.52	17.57			19	5			
10	QPSK	1	74	17.46	17.52	17.57							
10	QPSK	25	0	17.58	17.51	17.55			19	5			
10	QPSK	25	25	17.58	17.51	17.55							
10	QPSK	25	49	17.52	17.58	17.50							
Channel													
Frequency (MHz)													
5	QPSK	1	0	22.32	22.50	22.48			24	0			
5	QPSK	1	12	22.33	22.84	22.54							
5	QPSK	1	24	22.32	22.62	22.57			23	1			
5	QPSK	1	36	21.48	21.48	21.48							
5	QPSK	12	0	21.65	21.52	21.44			23	1			
5	QPSK	12	7	21.65	21.47	21.48							
5	QPSK	12	13	21.66	21.62	21.59			23	1			
5	QPSK	12	19	21.64	21.62	21.59							
5	QPSK	1	12	21.47	21.63	21.43			22	2			
5	QPSK	1	24	21.53	21.67	21.58							
5	QPSK	12	0	20.68	20.66	20.69			22	2			
5	QPSK	12	7	20.68	20.47	20.74							
5	QPSK	12	13	20.35	20.43	20.41			22	2			
5	QPSK	12	19	20.60	20.48	20.52							
5	QPSK	1	0	20.45	20.64	20.45			22	2			
5	QPSK	1	12	20.51	20.59	20.47							
5	QPSK	1	24	20.40	20.59	20.42			21	3			
5	QPSK	1	36	19.38	19.70	19.44							
5	QPSK	12	0	19.65	19.63	19.67			21	3			
5	QPSK	12	7	19.65	19.62	19.65							
5	QPSK	12	13	19.60	19.62	19.60			19	5			
5	QPSK	12	19	19.61	19.63	19.42							
5	QPSK	1	0	17.34	17.71	17.55			19	5			
5	QPSK	1	12	17.43	17.74	17.47							
5	QPSK	1	24	17.46	17.67	17.68			19	5			
5	QPSK	1	36	17.46	17.67	17.68							
5	QPSK	12	0	17.52	17.63	17.41			19	5			
5	QPSK	12	7	17.52	17.63	17.41							
5	QPSK	12	13	17.46	17.68	17.41			19	5			
5	QPSK	12	19	17.46	17.68	17.41							
5	QPSK	25	0	17.64	17.46	17.28							
Channel													
Frequency (MHz)													
3	QPSK	1	0	22.52	22.68	22.48			24	0			
3	QPSK	1	8	22.38	22.75	22.62							
3	QPSK	1	16	22.32	22.86	22.56			23	1			
3	QPSK	8	0	21.55	21.77	21.44							
3	QPSK	8	4	21.59	21.40	21.37			23	1			
3	QPSK	8	12	21.58	21.45	21.40							
3	QPSK	16	0	21.58	21.58	21.58			23	1			
3	QPSK	16	8	21.61	21.57	21.56							
3	QPSK	1	0	21.51	21.56	21.58			23	1			
3	QPSK	1	8	21.52	21.56	21.58							
3	QPSK	1	16	21.52	21.44	21.61			22	2			
3	QPSK	1	24	21.52	21.44	21.61							
3	QPSK	8	0	20.99	20.92	20.99			21	3			
3	QPSK	8	4	20.98	20.93	20.98							
3	QPSK	8	12	20.98	20.93	20.98			21	3			
3	QPSK	8	20	20.98	20.93	20.98							
3	QPSK	16	0	20.45	20.37	20.65			20	3			
3	QPSK	16	8	20.42	20.33	20.65							
3	QPSK	1	0	20.57	20.53	20.73			22	2			
3	QPSK	1	8	20.57	20.56	20.59							
3	QPSK	8	16	19.85	19.77	19.81			21	3			
3	QPSK	8	24	19.89	19.58	19.71							
3	QPSK	1	0	19.48	19.61	19.51			21	3			
3	QPSK	1	8	19.54	19.23	19.42							
3	QPSK	1	16	17.37	17.63	17.41			19	5			
3	QPSK	1	24	17.42	17.61	17.56							
3	QPSK	8	0	17.33	17.73	17.51			19	5			
3	QPSK	8	8	17.68	17.51	17.51							
3	QPSK	8	16	17.38	17.49	17.55			19	5			
3	QPSK	8	24	17.40	17.39	17.41							
3	QPSK	16	0	17.60	17.61	17.41							
Channel													
Frequency (MHz)													
1.4	QPSK	1	0	22.80	22.91	22.95			24	0			
1.4	QPSK	1	8	22.80	22.91	22.95							
1.4	QPSK	1	16	22.80	22.91	22.95			23	1			
1.4	QPSK	1	24	22.80	22.91	22.95							
1.4	QPSK	3	0	22.39	22.64	22.49			23	1			
1.4	QPSK	3	8	22.39	22.64	22.49							
1.4	QPSK	3	16	22.39	22.64	22.49			23	1			
1.4	QPSK	3	24	22.39	22.64	22.49							
1.4	QPSK	1	0	22.27									

Band 5 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				20450	20525	20600				
Frequency (MHz)				839	838.5	844				
10	QPSK	1	0	23.11	23.21	23.05	24	0		
10	QPSK	1	25	22.99	22.96	22.91				
10	QPSK	1	49	23.01	23.20	22.94				
10	QPSK	25	0	22.11	22.19	22.12	23	1		
10	QPSK	25	12	22.00	21.98	21.79				
10	QPSK	25	25	22.05	22.07	22.05				
10	QPSK	50	0	22.10	22.14	22.10	23	1		
10	16QAM	1	0	22.00	21.95	21.92				
10	16QAM	1	25	22.05	21.97	21.95				
10	16QAM	1	49	22.28	22.05	22.14	22	2		
10	16QAM	25	0	20.85	20.89	20.72				
10	16QAM	25	12	20.94	21.17	20.91				
10	16QAM	25	25	20.76	20.95	20.76	22	2		
10	16QAM	50	0	20.86	21.07	20.85				
10	64QAM	1	0	21.14	21.06	20.83				
10	64QAM	1	25	21.01	21.18	20.98	22	2		
10	64QAM	1	49	21.03	20.90	20.98				
10	64QAM	25	0	20.09	20.02	19.92				
10	64QAM	25	12	20.05	20.11	19.75	21	3		
10	64QAM	25	25	20.16	20.11	19.93				
10	64QAM	50	0	20.24	20.05	20.15				
10	256QAM	1	0	18.08	18.02	18.16	19	5		
10	256QAM	1	25	18.10	18.26	18.07				
10	256QAM	1	49	17.91	17.95	18.03				
10	256QAM	25	0	17.84	18.21	18.02	19	5		
10	256QAM	25	12	18.08	17.85	17.84				
10	256QAM	25	25	17.89	18.10	18.04				
10	256QAM	50	0	18.12	18.12	17.95				
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	23.05	23.00	22.92	24	0		
5	QPSK	1	12	22.88	22.96	22.79				
5	QPSK	1	24	23.01	23.00	22.83				
5	QPSK	12	0	22.10	22.10	21.96	23	1		
5	QPSK	12	7	21.95	21.95	21.83				
5	QPSK	12	13	21.88	21.89	21.84				
5	QPSK	25	0	21.96	22.10	21.95	23	1		
5	16QAM	1	0	22.01	21.92	21.73				
5	16QAM	1	12	21.91	21.92	21.92				
5	16QAM	1	24	22.10	21.84	22.10	22	2		
5	16QAM	12	0	20.66	20.80	20.64				
5	16QAM	12	7	20.89	20.99	20.90				
5	16QAM	12	13	20.80	20.83	20.71	22	2		
5	16QAM	25	0	20.87	21.09	20.87				
5	64QAM	1	0	21.02	20.86	20.78				
5	64QAM	1	12	20.87	20.98	21.00	22	2		
5	64QAM	1	24	20.90	20.84	20.81				
5	64QAM	12	0	19.91	19.82	19.78				
5	64QAM	12	7	20.07	19.96	19.77	21	3		
5	64QAM	12	13	20.16	19.97	19.91				
5	64QAM	25	0	20.17	19.84	20.00				
5	256QAM	1	0	17.95	17.87	18.15	19	5		
5	256QAM	1	12	18.00	18.13	17.94				
5	256QAM	1	24	17.69	17.95	17.83				
5	256QAM	12	0	17.71	18.09	18.01	19	5		
5	256QAM	12	7	18.04	17.76	17.77				
5	256QAM	12	13	17.73	18.09	17.96				
5	256QAM	25	0	17.97	18.05	17.92				
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	22.93	23.11	22.89	24	0		
3	QPSK	1	8	23.00	22.94	22.77				
3	QPSK	1	14	22.79	23.15	22.95				
3	QPSK	8	0	21.95	22.14	22.11	23	1		
3	QPSK	8	4	21.84	21.86	21.64				
3	QPSK	8	7	21.82	22.06	21.94				
3	QPSK	15	0	22.11	21.96	21.88	23	1		
3	16QAM	1	0	21.89	21.95	21.70				
3	16QAM	1	8	21.90	21.75	21.83				
3	16QAM	1	14	22.12	21.99	21.97	22	2		
3	16QAM	8	0	20.71	20.78	20.66				
3	16QAM	8	4	20.77	21.07	20.87				
3	16QAM	8	7	20.70	20.93	20.76	22	2		
3	16QAM	15	0	20.84	20.86	20.70				
3	64QAM	1	0	20.97	20.87	20.87				
3	64QAM	1	8	20.84	20.96	20.92	22	2		
3	64QAM	1	14	20.97	20.90	20.89				
3	64QAM	8	0	19.94	19.83	19.86				
3	64QAM	8	4	19.90	19.99	19.57	21	3		
3	64QAM	8	7	19.94	20.06	19.91				
3	64QAM	15	0	20.10	19.96	19.93				
3	256QAM	1	0	18.08	17.84	17.99	19	5		
3	256QAM	1	8	18.05	18.05	17.91				
3	256QAM	1	14	17.91	17.84	17.85				
3	256QAM	8	0	17.69	18.12	17.99	19	5		
3	256QAM	8	4	17.90	17.82	17.75				
3	256QAM	8	7	17.80	18.09	17.91				
3	256QAM	15	0	18.12	17.94	17.79				
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	23.05	23.08	22.94	24	0		
1.4	QPSK	1	3	23.00	22.90	22.79				
1.4	QPSK	1	5	22.96	23.17	22.95				
1.4	QPSK	3	0	23.00	23.19	22.88	23	1		
1.4	QPSK	3	1	22.96	22.90	22.79				
1.4	QPSK	3	3	22.95	23.16	22.93				
1.4	QPSK	6	0	21.97	22.02	22.07	23	1		
1.4	16QAM	1	0	21.86	21.93	21.74				
1.4	16QAM	1	3	21.95	21.81	21.78				
1.4	16QAM	1	5	22.14	22.00	22.05	23	1		
1.4	16QAM	3	0	22.01	21.96	22.09				
1.4	16QAM	3	1	21.97	21.97	21.93				
1.4	16QAM	3	3	22.03	21.83	21.85	22	2		
1.4	16QAM	6	0	20.71	21.04	20.73				
1.4	64QAM	1	0	21.15	20.97	20.83				
1.4	64QAM	1	3	20.87	21.20	20.87	22	2		
1.4	64QAM	1	5	20.99	20.85	20.97				
1.4	64QAM	3	0	20.92	21.13	20.73				
1.4	64QAM	3	1	20.70	20.81	20.70	21	3		
1.4	64QAM	3	3	20.73	20.95	20.79				
1.4	64QAM	6	0	20.05	20.02	20.06				

Reduced Power Mode for DSI2_Other PA

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	22.73	22.93	22.77		24	0		
10	QPSK	1	25	22.49	22.72	22.72					
10	QPSK	1	49	22.73	22.77	22.77					
10	QPSK	25	0	21.85	21.94	21.91		23	1		
10	QPSK	25	12	21.85	21.76	21.91					
10	QPSK	25	25	21.86	21.85	21.87					
10	QPSK	50	0	21.72	21.92	21.78		23	1		
10	16QAM	1	0	21.78	22.05	21.83					
10	16QAM	1	25	21.84	21.75	21.95					
10	16QAM	1	49	21.89	21.83	21.81		22	2		
10	16QAM	25	0	21.01	20.98	20.97					
10	16QAM	25	12	20.85	20.88	20.88					
10	16QAM	25	25	20.90	20.76	20.75		22	2		
10	16QAM	50	0	20.90	20.69	21.02					
10	84QAM	1	0	20.94	20.93	20.90		22	2		
10	84QAM	1	25	20.89	20.81	20.89					
10	84QAM	1	49	20.93	20.71	20.72					
10	84QAM	25	0	19.77	19.75	19.63		21	3		
10	84QAM	25	12	19.79	19.77	20.05					
10	84QAM	25	25	19.74	19.93	19.81					
10	84QAM	50	0	19.75	19.68	19.89		19	5		
10	256QAM	1	0	17.94	17.97	17.85					
10	256QAM	1	25	18.01	17.91	18.04					
10	256QAM	1	49	18.01	17.81	17.95		19	5		
10	256QAM	25	0	17.75	17.82	17.81					
10	256QAM	25	12	18.07	17.71	17.97					
10	256QAM	25	25	17.85	17.73	17.95		19	5		
10	256QAM	50	0	17.91	17.96	17.93					
Channel											
Frequency (MHz)											
5	QPSK	1	0	22.62	22.75	22.65		24	0		
5	QPSK	1	12	22.45	22.54	22.72					
5	QPSK	1	24	22.71	22.65	22.70					
5	QPSK	12	0	21.84	21.80	21.74		23	1		
5	QPSK	12	7	21.85	21.67	21.92					
5	QPSK	12	13	21.86	21.69	21.76					
5	QPSK	25	0	21.54	21.86	21.65		22	2		
5	16QAM	1	0	21.59	21.89	21.84					
5	16QAM	1	12	21.84	21.60	21.78					
5	16QAM	1	24	21.65	21.81	21.76		22	2		
5	16QAM	12	0	20.87	20.68	20.81					
5	16QAM	12	7	20.85	20.82	20.89					
5	16QAM	12	13	20.69	20.75	20.58		22	2		
5	16QAM	25	0	20.75	20.70	20.84					
5	84QAM	1	0	20.91	20.78	20.81					
5	84QAM	1	12	20.77	20.69	20.88		22	2		
5	84QAM	1	24	20.91	20.53	20.65					
5	84QAM	12	0	19.76	19.54	19.59					
5	84QAM	12	7	19.78	19.77	19.92		21	3		
5	84QAM	12	13	19.64	19.72	19.83					
5	84QAM	25	0	19.71	19.67	19.76					
5	256QAM	1	0	17.79	17.92	17.87		19	5		
5	256QAM	1	12	17.65	17.80	18.08					
5	256QAM	1	24	18.01	17.73	17.85					
5	256QAM	12	0	17.66	17.62	17.73		19	5		
5	256QAM	12	7	17.94	17.70	17.88					
5	256QAM	12	13	17.94	17.59	17.78					
5	256QAM	25	0	17.78	17.85	17.92		19	5		
Channel											
Frequency (MHz)											
3	QPSK	1	0	22.61	22.87	22.75		24	0		
3	QPSK	1	8	22.38	22.71	22.79					
3	QPSK	1	14	22.53	22.57	22.71					
3	QPSK	8	0	21.84	21.90	21.80		23	1		
3	QPSK	8	4	21.69	21.67	21.88					
3	QPSK	8	7	21.85	21.70	21.86					
3	QPSK	15	0	21.51	21.96	21.69		23	1		
3	16QAM	1	0	21.74	21.87	21.83					
3	16QAM	1	8	21.85	21.54	21.96					
3	16QAM	1	14	21.76	21.82	21.74		22	2		
3	16QAM	8	0	21.00	20.90	20.91					
3	16QAM	8	4	20.79	20.81	20.72					
3	16QAM	8	7	20.70	20.75	20.73		22	2		
3	16QAM	15	0	20.76	20.66	20.95					
3	84QAM	1	0	20.81	20.78	20.78					
3	84QAM	1	8	20.69	20.75	20.73		22	2		
3	84QAM	1	14	20.89	20.54	20.73					
3	84QAM	8	0	19.76	19.74	19.88					
3	84QAM	8	4	19.70	19.75	20.06		21	3		
3	84QAM	8	7	19.68	19.73	19.76					
3	84QAM	15	0	19.77	19.61	19.84					
3	256QAM	1	0	17.79	17.94	17.80		19	5		
3	256QAM	1	8	17.97	17.71	18.00					
3	256QAM	1	14	17.88	17.73	17.74					
3	256QAM	8	0	17.76	17.72	17.78		19	5		
3	256QAM	8	4	17.89	17.51	17.83					
3	256QAM	8	7	17.72	17.74	17.80					
3	256QAM	15	0	17.71	17.88	17.73		19	5		
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	22.52	22.78	22.76		24	0		
1.4	QPSK	1	5	22.51	22.87	22.74					
1.4	QPSK	1	5	22.44	22.65	22.58					
1.4	QPSK	3	0	22.64	22.89	22.85		23	1		
1.4	QPSK	3	1	22.50	22.77	22.54					
1.4	QPSK	3	2	22.59	22.72	22.84					
1.4	QPSK	6	0	21.91	21.85	21.77		23	1		
1.4	16QAM	1	0	21.71	21.87	21.87					
1.4	16QAM	1	3	21.69	21.84	21.76					
1.4	16QAM	1	5	21.60	21.78	21.82		23	1		
1.4	16QAM	3	0	21.68	21.65	21.70					
1.4	16QAM	3	1	21.90	21.79	21.84					
1.4	16QAM	3	3	21.59	21.50	21.59		22	2		
1.4	16QAM	6	0	20.67	20.99	20.91					
1.4	84QAM	1	0	20.63	20.81	20.64					
1.4	84QAM	1	3	20.74	20.58	20.86		22	2		
1.4	84QAM	1	5	20.81	20.64	20.62					
1.4	84QAM	3	0	20.77	20.64	20.95					
1.4	84QAM	3	1	20.74	20.78	20.78		21	3		
1.4	84QAM	3	3	20.88	20.54	20.86					
1.4	84QAM	6	0	19.99	19.57	19.74					
1.4	256QAM	1	0	17.94	17.80	17.76		19	5		
1.4	256QAM	1	3	18.03	17.79	17.86					
1.4	256QAM	1	5	17.88	17.81	17.93					
1.4	256QAM	3	0	17.70	17.70	17.81		19	5		
1.4	256QAM	3	1	18.02	17.63	17.82					
1.4	256QAM	3	3	17.70	17.63	17.81					
1.4	256QAM	6	0	17.84	17.73	17.89		19	5		

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	22.72	23.01	22.85	24	0	
15	QPSK	1	37	22.82	22.71	22.91			
15	QPSK	1	74	22.69	22.81	22.77			
15	QPSK	36	0	21.67	21.84	21.65	23	1	
15	QPSK	36	20	21.71	21.64	21.75			
15	QPSK	36	39	21.72	21.79	21.80			
15	QPSK	75	0	21.61	21.90	21.71	23	1	
15	16QAM	1	0	21.60	21.68	21.68			
15	16QAM	1	37	21.56	21.68	21.66			
15	16QAM	1	74	21.67	21.70	21.84	22	2	
15	16QAM	36	0	20.96	20.95	20.73			
15	16QAM	36	20	20.73	20.70	20.71	22	2	
15	16QAM	36	39	20.83	20.90	20.77			
15	16QAM	75	0	20.83	20.81	20.85			
15	16QAM	1	0	20.74	20.73	20.73	22	2	
15	16QAM	1	37	20.75	20.75	20.73			
15	16QAM	1	74	20.68	20.62	20.67			
15	16QAM	36	0	19.91	19.72	19.90	21		
15	16QAM	36	20	19.83	19.84	19.81			
15	16QAM	36	39	19.72	19.86	19.88			
15	16QAM	75	0	19.75	19.81	19.78	21		
15	256QAM	1	0	17.56	17.61	17.66			
15	256QAM	1	37	17.64	17.73	17.68			
15	256QAM	1	74	17.72	17.86	17.82	19	5	
15	256QAM	36	0	17.63	17.50	17.64			
15	256QAM	36	20	17.78	17.56	17.62			
15	256QAM	36	39	17.70	17.75	17.78	19	5	
15	256QAM	75	0	17.62	17.72	17.66			
15	256QAM	75	0	17.62	17.62	17.66			
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.63	22.87	22.77	24	0	
10	QPSK	1	25	22.73	22.65	22.40			
10	QPSK	1	49	22.58	22.71	22.51			
10	QPSK	25	0	21.67	21.81	21.58	23	1	
10	QPSK	25	12	21.73	21.59	21.61			
10	QPSK	25	25	21.64	21.70	21.62			
10	QPSK	50	0	21.55	21.80	21.58	23	1	
10	16QAM	1	0	21.56	21.62	21.65			
10	16QAM	1	25	21.53	21.60	21.64			
10	16QAM	1	49	21.47	21.68	21.84	23	1	
10	16QAM	25	0	20.77	20.46	20.73			
10	16QAM	25	12	20.88	20.60	20.80			
10	16QAM	25	25	20.79	20.90	20.69	22	2	
10	16QAM	50	0	20.78	20.64	20.66			
10	16QAM	1	0	20.56	20.71	20.62			
10	16QAM	1	25	20.74	20.59	20.63	22	2	
10	16QAM	1	49	20.58	20.49	20.89			
10	16QAM	25	0	19.91	19.60	19.73			
10	16QAM	25	12	19.64	19.71	19.61	21	3	
10	16QAM	25	25	19.54	19.60	19.78			
10	16QAM	50	0	19.75	19.67	19.68			
10	256QAM	1	0	17.50	17.50	17.53	19	5	
10	256QAM	1	25	17.47	17.82	17.87			
10	256QAM	1	49	17.70	17.76	17.55			
10	256QAM	25	0	17.62	17.67	17.69	19	5	
10	256QAM	25	12	17.67	17.54	17.56			
10	256QAM	25	25	17.49	17.58	17.68			
10	256QAM	50	0	17.62	17.52	17.52	19	5	
10	256QAM	50	0	20.75	20.69	20.76			
10	256QAM	50	0	19.65	19.51	19.65			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.73	22.94	22.84	24	0	
5	QPSK	1	12	22.73	22.50	22.48			
5	QPSK	1	24	22.59	22.73	22.74			
5	QPSK	12	0	21.65	21.74	21.65	23	1	
5	QPSK	12	6	21.57	21.52	21.55			
5	QPSK	12	13	21.55	21.65	21.80			
5	QPSK	25	0	21.58	21.63	21.57	23	1	
5	16QAM	1	0	21.46	21.59	21.50			
5	16QAM	1	12	21.52	21.21	21.48			
5	16QAM	1	24	21.52	21.54	21.70	23	1	
5	16QAM	12	0	20.85	20.59	20.72			
5	16QAM	12	7	20.72	20.66	20.52			
5	16QAM	12	13	20.77	20.65	20.59	22	2	
5	16QAM	25	0	20.83	20.60	20.63			
5	16QAM	1	0	20.69	20.63	20.63			
5	16QAM	1	12	20.57	20.43	20.57	22	2	
5	16QAM	1	24	20.65	20.43	20.79			
5	16QAM	12	0	19.74	19.55	19.82			
5	16QAM	12	7	19.72	19.71	19.66	21	3	
5	16QAM	12	13	19.55	19.45	19.92			
5	16QAM	25	0	19.72	19.62	19.69			
5	256QAM	1	0	17.40	17.46	17.46	19	5	
5	256QAM	1	12	17.53	17.65	17.72			
5	256QAM	1	24	17.70	17.77	17.43			
5	256QAM	12	0	17.42	17.38	17.43	19	5	
5	256QAM	12	7	17.68	17.72	17.62			
5	256QAM	12	13	17.51	17.75	17.64			
5	256QAM	25	0	17.49	17.58	17.65	19	5	
5	256QAM	25	0	20.76	20.66	20.73			
5	256QAM	25	0	19.64	19.54	19.64			
Channel									
Frequency (MHz)									
3	QPSK	1	0	22.56	22.83	22.65	24	0	
3	QPSK	1	8	22.60	22.60	22.36			
3	QPSK	1	14	22.70	22.72	22.68			
3	QPSK	8	0	21.64	21.71	21.61	23	1	
3	QPSK	8	4	21.54	21.47	21.70			
3	QPSK	8	8	21.54	21.73	21.81			
3	QPSK	15	0	21.48	21.65	21.54	23	1	
3	16QAM	1	0	21.49	21.66	21.46			
3	16QAM	1	8	21.43	21.55	21.53			
3	16QAM	1	14	21.50	21.24	21.64	22	2	
3	16QAM	8	0	20.67	20.63	20.60			
3	16QAM	8	4	20.52	20.49	20.55			
3	16QAM	8	7	20.81	20.88	20.74	22	2	
3	16QAM	15	0	20.76	20.63	20.74			
3	16QAM	1	0	20.62	20.55	20.61			
3	16QAM	1	8	20.61	20.55	20.75	22	2	
3	16QAM	1	14	20.51	20.48	20.83			
3	16QAM	8	0	19.92	19.97	19.77			
3	16QAM	8	4	19.64	19.84	19.77	21	3	
3	16QAM	8	7	19.60	19.43	19.92			
3	16QAM	15	0	19.65	19.64	19.97			
3	256QAM	1	0	17.49	17.57	17.57	19	5	
3	256QAM	8	0	17.48	17.74	17.72			
3	256QAM	1	14	17.51	17.83	17.40			
3	256QAM	8	0	17.43	17.48	17.56	19	5	
3	256QAM	8	4	17.69	17.37	17.58			
3	256QAM	8	7	17.84	17.76	17.63			
3	256QAM	15	0	17.59	17.51	17.63	19	5	
3	256QAM	15	0	20.97	20.86	20.97			
3	256QAM	15	0	19.47	19.55	19.67			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.61	22.72	22.62	24	0	
1.4	QPSK	1	5	22.64	22.23	22.53			
1.4	QPSK	1	5	22.60	22.78	22.52			
1.4	QPSK	3	0	22.61	22.91	22.54	24	0	
1.4	QPSK	3	1	22.78	22.63	22.50			
1.4	QPSK	3	2	22.51	22.65	22.69			
1.4	QPSK	15	0	21.53	21.65	21.71	23	1	
1.4	16QAM	1	0	21.51	21.66	21.69			
1.4	16QAM	1	3	21.61	21.60	21.61			
1.4	16QAM	3	0	21.78	21.24	21.61	23	1	
1.4	16QAM	3	3	21.50	21.50	21.39			
1.4	16QAM	3	5	21.69	21.29	21.45			
1.4	16QAM	3	3	21.49	21.61	21.52	22	2	
1.4	16QAM	3	5	20.61	20.41	20.54			
1.4	16QAM	3	7	20.86	20.20	20.64			
1.4	16QAM	1	3	20.74	20.54	20.69	22	2	
1.4	16QAM	1	5	20.65	20.63	20.63			
1.4	16QAM	3	0	20.79	20.55	20.65			
1.4	16QAM	3	3	20.63	20.20	20.60	21	3	
1.4	16QAM	3	3	20.49	20.71	20.60			
1.4	16QAM	3	5	19.85	19.69	19.62			
1.4	256QAM	1	0	17.50	17.58	17.59	19	5	
1.4	256QAM	3	0	17.40	17.69	17.64			
1.4	256QAM	1	0	17.60	17.81	17.68			
1.4	256QAM	3	0	17.60	17.71	17.68	19	5	
1.4	256QAM	3	1	17.46	17.39	17.41			
1.4	256QAM	3	3	17.60	17.53	17.76			
1.4	256QAM	3	5	17.63	17.63	17.71	19	5	
1.4	256QAM	3	7	17.63	17.63	17.71			
1.4	256QAM	3	9	17.63	17.63	17.71			

Band 2 Ant 1												
RF (MHz)	Modulation	RF Rate	RF Offset	Power Low Power High	Power Mod Power High	Power Low Power High	Turn-on Time (dB)	MFR (dB)				
Channel									18700	18800	18900	
20	QPSK	1	0	22.62	22.68	22.67						
20	QPSK	1	49	22.67	22.84	22.64			24		0	
20	QPSK	50	0	23.32	23.32	23.32						
20	QPSK	50	0	21.65	21.77	21.66						
20	QPSK	50	84	21.74	21.81	21.85			23			
20	QPSK	50	84	21.68	21.77	21.82						
20	QPSK	100	0	21.73	21.79	21.74						
20	16QAM	1	0	21.68	21.65	21.85			23		1	
20	16QAM	1	49	21.61	21.64	21.84						
20	16QAM	1	99	21.74	21.84	21.73						
20	16QAM	50	0	20.69	20.55	20.69						
20	16QAM	50	50	20.61	20.49	20.54			22		2	
20	16QAM	100	0	20.81	20.54	20.69						
20	16QAM	100	50	20.49	20.59	20.52						
20	64QAM	1	49	20.63	20.55	20.77			22		2	
20	64QAM	50	99	20.43	20.40	20.54						
20	64QAM	50	99	20.38	20.34	20.49						
20	64QAM	50	24	19.87	19.84	19.82			21		3	
20	64QAM	50	24	19.87	19.84	19.72						
20	64QAM	100	0	19.81	19.82	21.49						
20	256QAM	1	0	17.87	17.71	17.79			19		5	
20	256QAM	1	49	17.88	17.82	17.82						
20	256QAM	1	99	17.84	17.73	17.77						
20	256QAM	50	0	17.81	17.64	17.68			19		5	
20	256QAM	50	50	17.82	17.68	17.68						
20	256QAM	50	80	17.60	17.56	17.57						
20	256QAM	100	0	17.67	17.57	17.57	19	5				
Channel									18800	18900	19000	
Frequency (MHz)									18800	18900	19000	
15	QPSK	1	0	22.52	22.73	22.61						
15	QPSK	1	49	22.58	22.77	22.43						
15	QPSK	1	94	22.48	22.61	22.81						
15	QPSK	36	0	21.68	21.67	21.49			23		1	
15	QPSK	36	0	21.75	21.41	21.41						
15	QPSK	36	99	21.55	21.25	21.49						
15	QPSK	75	0	21.62	21.67	21.73						
15	QPSK	75	0	21.59	21.50	21.60						
15	16QAM	1	74	21.53	21.40	21.49			23		1	
15	16QAM	1	74	21.66	21.59	21.57						
15	16QAM	36	99	20.53	20.49	20.65						
15	16QAM	36	99	20.34	20.49	20.44			22		2	
15	64QAM	1	0	20.33	20.29	20.34						
15	64QAM	1	97	20.30	20.39	20.74			22		2	
15	64QAM	1	97	20.34	20.49	20.44						
15	64QAM	36	0	19.47	19.05	19.35						
15	64QAM	36	20	19.05	19.44	19.60			21		3	
15	64QAM	36	20	19.05	19.44	19.60						
15	64QAM	75	0	19.61	19.34	19.55						
15	256QAM	1	0	17.31	17.63	17.33						
15	256QAM	1	49	17.42	17.69	17.40			19		5	
15	256QAM	1	74	17.49	17.60	17.76						
15	256QAM	50	0	17.72	17.62	17.81						
15	256QAM	50	50	17.43	17.67	17.65			19		5	
15	256QAM	36	99	17.46	17.58	17.37						
15	256QAM	75	0	17.49	17.52	17.56						
Channel									18900	19000	19100	
Frequency (MHz)									18900	19000	19100	
5	QPSK	1	0	22.54	22.70	22.48						
5	QPSK	1	49	22.59	22.78	22.43						
5	QPSK	1	94	22.47	22.69	22.86						
5	QPSK	25	0	21.94	21.74	21.47			24		0	
5	QPSK	25	0	21.71	21.45	21.45						
5	QPSK	25	25	21.67	21.30	21.48						
5	QPSK	50	0	21.89	21.85	21.81						
5	QPSK	50	0	21.48	21.40	21.48						
5	16QAM	1	25	21.45	21.31	21.43			23		1	
5	16QAM	1	25	21.45	21.31	21.43						
5	16QAM	25	12	20.57	20.44	20.68						
5	16QAM	25	12	20.47	20.36	20.45			22		2	
5	16QAM	50	0	20.35	20.30	20.43						
5	16QAM	50	0	20.58	20.42	20.45						
5	64QAM	1	0	20.39	20.69	20.47						
5	64QAM	1	20	20.35	20.49	20.62			22		2	
5	64QAM	1	49	20.25	20.24	20.40						
5	64QAM	25	0	19.51	19.59	19.51						
5	64QAM	25	0	19.68	19.52	19.68						
5	64QAM	25	25	19.48	19.44	19.55			21		3	
5	64QAM	50	0	19.58	19.36	19.40						
5	64QAM	50	0	17.27	17.63	17.45						
5	64QAM	1	26	17.36	17.31	17.50			19		5	
5	256QAM	1	0	17.46	17.52	17.67						
5	256QAM	1	25	17.41	17.42	17.56						
5	256QAM	25	12	17.57	17.69	17.55			19		5	
5	256QAM	25	25	17.38	17.51	17.36						
5	256QAM	50	0	17.53	17.56	17.56						
Channel									18900	19000	19100	
Frequency (MHz)									18900	19000	19100	
3	QPSK	1	0	22.52	22.69	22.48						
3	QPSK	1	8	22.38	22.75	22.55			24		0	
3	QPSK	1	22	22.32	22.62	22.57						
3	QPSK	12	0	21.48	21.48	21.48						
3	QPSK	12	7	21.65	21.52	21.44			23		1	
3	QPSK	12	13	21.65	21.47	21.42						
3	QPSK	25	0	21.74	21.75	21.49						
3	16QAM	1	0	21.64	21.52	21.59			23		1	
3	16QAM	1	12	21.47	21.53	21.43						
3	16QAM	1	12	21.53	21.53	21.57						
3	16QAM	12	7	20.69	20.65	20.69			22		2	
3	16QAM	12	7	20.45	20.47	20.74						
3	16QAM	12	13	20.36	20.43	20.41						
3	16QAM	12	13	20.60	20.48	20.52						
3	16QAM	25	0	20.35	20.34	20.45						
3	64QAM	1	12	20.51	20.56	20.67			22		2	
3	64QAM	1	84	20.45	20.39	20.42						
3	64QAM	12	0	19.88	19.82	19.82						
3	64QAM	12	7	19.65	19.63	19.67			21		3	
3	64QAM	12	13	19.68	19.62	19.60						
3	64QAM	12	13	19.57	19.63	19.63						
3	256QAM	1	0	17.34	17.71	17.55						
3	256QAM	1	12	17.43	17.54	17.47			19		5	
3	256QAM	1	12	17.48	17.57	17.48						
3	256QAM	12	0	17.71	17.64	17.68						
3	256QAM	12	7	17.52	17.43	17.48			19		5	
3	256QAM	12	13	17.48	17.68	17.41						
3	256QAM	25	0	17.64	17.46	17.28						
Channel									18900	19000	19100	
Frequency (MHz)									18900	19000	19100	
3	QPSK	1	0	22.52	22.69	22.48						
3	QPSK	1	8	22.38	22.75	22.55			24		0	
3	QPSK	1	22	22.32	22.62	22.57						
3	QPSK	8	0	21.59	21.77	21.44						
3	QPSK	8	4	21.59	21.40	21.37			23		1	
3	QPSK	16	0	21.58	21.58	21.58						
3	QPSK	16	0	21.58	21.68	21.51						
3	16QAM	1	0	21.61	21.57	21.66			23		1	
3	16QAM	1	8	21.51	21.56	21.68						
3	16QAM	1	14	21.52	21.44	21.63						
3	16QAM	8	0	20.69	20.47	20.69			22		2	
3	16QAM	8	0	20.48	20.55	20.55						
3	16QAM	8	7	20.48	20.31	20.44						
3	16QAM	16	0	20.45	20.37	20.65						
3	16QAM	16	0	20.42	20.53	20.43						
3	64QAM	1	8	20.57	20.53	20.73			22		2	
3	64QAM	1	14	20.37	20.36	20.46						
3	64QAM	8	0	19.85	19.77	19.41						
3	64QAM	8	4	19.69	19.58	19.71			21		3	
3	64QAM	8	4	19.47	19.47	19.51						
3	256QAM	1	0	17.37	17.63	17.41						
3	256QAM	1	8	17.42	17.47	17.47			19		5	
3	256QAM	1	14	17.33	17.73	17.75						
3	256QAM	8	0	17.68	17.51	17.51						
3	256QAM	8	7	17.36	17.49	17.49						
3	256QAM	8	7	17.40	17.39	17.41			19			

Band 4 Ant 1												
[W]	Modulation	PRB Size	PRB Offset	Power Low Power Med	Power High	Power Low Power Med	Power High	Turn-on Time (ms)	MPR (dB)			
Channel												
Frequency (MHz)												
20	QPSK	1	0	20.93	22.57	22.88						
30	QPSK	1	49	22.74	22.65	22.57						
40	QPSK	1	98	22.83	22.65	22.57	24	0				
50	QPSK	50	0	21.87	22.02	21.68						
20	QPSK	50	24	21.71	21.78	21.81	23	1				
30	QPSK	50	49	21.80	21.82	21.84						
40	QPSK	50	0	21.81	21.88	21.85						
50	QPSK	1	0	21.79	21.82	21.84	23	1				
20	16QAM	1	99	21.84	21.84	21.81						
30	16QAM	1	0	20.91	20.97	20.91						
40	16QAM	1	49	20.87	20.93	20.87						
50	16QAM	50	50	20.73	20.82	20.98	22	2				
20	16QAM	150	0	20.98	20.97	20.98						
30	16QAM	1	49	20.90	20.92	20.75						
40	16QAM	50	24	20.83	20.83	20.92						
50	16QAM	1	99	20.84	20.88	20.92	22	2				
20	64QAM	1	99	19.77	19.77	19.68	21	3				
30	64QAM	1	0	16.88	16.84	16.73						
40	64QAM	1	49	19.77	19.75	19.75						
50	64QAM	1	0	17.79	17.83	17.72						
20	256QAM	1	0	17.72	17.74	17.72	19	5				
30	256QAM	1	99	17.72	17.74	17.72						
40	256QAM	1	0	17.72	17.74	17.72						
50	256QAM	50	50	17.70	18.01	17.75	19	5				
20	256QAM	150	0	17.80	17.71	17.83						
Channel												
Frequency (MHz)												
20	QPSK	1	0	22.75	22.81	22.86						
30	QPSK	1	97	22.68	22.69	22.44						
40	QPSK	1	47	22.73	22.67	22.44	24	0				
50	QPSK	0	0	21.80	22.01	21.56						
20	QPSK	25	0	21.87	21.87	21.87	23	1				
30	QPSK	36	99	21.87	21.89	21.88						
40	QPSK	75	0	21.73	21.74	21.90						
50	QPSK	1	74	21.75	21.78	21.84						
20	16QAM	1	74	21.74	21.68	21.50	23	1				
30	16QAM	1	37	21.82	21.71	21.75						
40	16QAM	36	99	20.83	20.72	20.85						
50	16QAM	36	20	20.46	20.39	20.70	22	2				
20	16QAM	36	39	20.53	20.54	20.89						
30	16QAM	75	0	20.58	20.57	20.89						
40	16QAM	1	0	20.58	20.63	20.96						
50	16QAM	1	37	20.69	20.50	20.55	22	2				
20	16QAM	1	49	20.77	20.51	20.51						
30	16QAM	36	0	19.59	19.67	19.71						
40	16QAM	36	20	19.76	19.76	19.84	21	3				
50	16QAM	75	0	19.66	19.72	19.82						
20	64QAM	1	0	17.69	17.67	17.63						
30	64QAM	1	97	17.71	17.65	17.50	19	5				
40	64QAM	1	74	17.58	17.59	17.67						
50	64QAM	1	0	17.45	17.47	17.74						
20	256QAM	1	0	17.45	17.47	17.74						
30	256QAM	1	99	17.45	17.47	17.74						
40	256QAM	1	0	17.45	17.47	17.74						
50	256QAM	36	39	17.64	17.82	17.80	19	5				
20	256QAM	150	0	17.75	17.66	17.81						
Channel												
Frequency (MHz)												
20	QPSK	1	0	22.00	22.05	22.00						
30	QPSK	1	0	22.15	22.05	22.00						
40	QPSK	1	49	22.41	22.06	22.45						
50	QPSK	0	0	21.84	21.66	21.56						
20	QPSK	25	0	21.84	21.67	21.56	23	1				
30	QPSK	36	99	21.84	21.67	21.56						
40	QPSK	75	0	21.69	21.74	21.83						
50	QPSK	1	74	21.71	21.80	21.81						
20	16QAM	1	26	21.79	21.74	21.83						
30	16QAM	1	49	21.84	21.78	21.83						
40	16QAM	1	98	21.84	21.78	21.83						
50	16QAM	1	0	21.89	21.88	21.55	23	1				
20	16QAM	1	49	21.74	21.80	21.75						
30	16QAM	1	26	21.81	21.76	21.75						
40	16QAM	1	98	21.81	21.76	21.75						
50	16QAM	1	0	21.86	21.79	21.74						
20	16QAM	1	49	21.76	21.80	21.75						
30	16QAM	1	26	21.83	20.84	20.82						
40	16QAM	1	98	20.67	20.53	20.58						
50	16QAM	1	0	20.67	20.53	20.58						
20	16QAM	1	49	20.68	20.57	20.77						
30	16QAM	1	26	20.81	20.58	20.77						
40	16QAM	1	0	20.77	20.83	20.96						
50	16QAM	1	49	20.87	20.81	20.96						
20	64QAM	1	49	20.70	20.51	20.50	22	2				
30	64QAM	1	0	19.64	19.86	19.79						
40	64QAM	1	49	19.68	19.87	19.84						
50	64QAM	1	0	19.79	19.84	19.82	21	3				
20	64QAM	1	0	19.69	19.61	19.59						
30	64QAM	1	49	17.64	17.47	17.47						
40	64QAM	1	26	17.63	17.73	17.88	19	5				
50	64QAM	1	0	17.61	17.60	17.92						
20	256QAM	1	0	17.68	17.62	17.96						
30	256QAM	1	99	17.68	17.62	17.96						
40	256QAM	1	0	17.68	17.62	17.96						
50	256QAM	25	25	17.68	17.96	17.94	19	5				
20	256QAM	150	0	17.81	17.67	17.91						
Channel												
Frequency (MHz)												
20	QPSK	1	0	19.69	19.71	19.78						
30	QPSK	1	24	22.02	22.05	22.04						
40	QPSK	1	12	22.01	22.03	22.05	24	0				
50	QPSK	1	24	22.09	22.73	22.76						
20	QPSK	12	0	21.53	21.66	21.65	23	1				
30	QPSK	12	13	21.78	21.74	21.67						
40	QPSK	12	12	21.77	21.80	21.86						
50	QPSK	1	0	21.69	21.74	21.87						
20	16QAM	1	12	21.71	21.74	21.87	23	1				
30	16QAM	1	12	21.76	21.80	21.75						
40	16QAM	1	0	20.80	20.87	20.60						
50	16QAM	12	0	20.86	20.42	20.46						
20	16QAM	12	13	20.84	20.86	20.82	22	2				
30	16QAM	25	0	20.62	20.57	20.87						
40	16QAM	1	0	20.62	20.57	20.87						
50	16QAM	1	12	20.84	20.81	20.70	22	2				
20	64QAM	1	24	20.79	20.46	20.53						
30	64QAM	1	0	19.75	19.81	19.81						
40	64QAM	1	12	19.61	19.60	19.65						
50	64QAM	12	13	19.67	19.74	19.74						
20	64QAM	12	0	18.68	18.72	18.78						
30	64QAM	1	0	17.70	17.50	17.58						
40	64QAM	1	12	17.71	17.62	17.68	19	5				
50	64QAM	1	24	17.68	17.61	17.68						
20	256QAM	1	0	17.59	17.61	17.62						
30	256QAM	12	7	17.64	17.61	17.74	19	5				
40	256QAM	12	7	17.64	17.61	17.74						
50	256QAM	25	0	17.69	17.71	17.78						
Channel												
Frequency (MHz)												
3	QPSK	1	0	22.74	22.71	22.74	24	0				
4	QPSK	1	8	22.70	22.56	22.45						
5	QPSK	1	8	22.72	22.57	22.45						
6	QPSK	8	4	21.82	22.03	21.60						
7	QPSK	8	4	21.84	21.78	21.78	23	1				
8	QPSK	1	0	21.75	21.80	21.86						
9	QPSK	16	0	21.72	21.76	21.78						
10	QPSK	1	0	21.60	21.75	21.82						
11	QPSK	1	14	21.64	21.80	21.77	23	1				
12	QPSK	8	0	20.83	20.45	20.97						
13	QPSK	8	0	20.83	20.45	20.97						
14	QPSK	8	7	20.86	20.75	20.91	22	2				
15	QPSK	16	0	20.57	20.42	20.50						
16	QPSK	1	0	20.83	20.89	20.93						
17	QPSK	1	8	20.69	20.83	20.89	22	2				
18	QPSK	1	14	20.67	20.45	20.82						
19	QPSK	1	8	19.75	19.81	19.81						
20	QPSK	8	4	19.78	19.89	19.51	21	3				
21	QPSK	15	0	19.59	19.48	19.50						
22	QPSK	1	0	17.76	17.47	17.58						
23	QPSK	1	14	17.76	17.47	17.58						
24	QPSK	1	14	17.76	17.47	17.58						
25	QPSK	1	14	17.76	17.47	17.58	19	5				
26	QPSK	1	0	17.73	17.71	17.58						
27	QPSK	8	4	17.73	17.67	17.58						
28	QPSK	8	4	17.73	17.67	17.58						
29	QPSK	8	4	17.73	17.67	17.58	19	5				
30	256QAM	15	0									

Band 7 Ant 1										
RF MW	Modulation	RB Size	RB Offset	Power Low PWR	Power Mid PWR	Power High PWR	Turn-up time (min)	APR (dB)		
Channel										
Frequency (MHz)										
20	QPRK	1	0	22.67	23.01	23.72				
20	QPRK	1	49	22.60	22.87	23.53	24	0		
20	QPRK	32	68	22.62	22.96	23.52				
20	QPRK	50	0	21.81	21.55	21.87				
20	QPRK	50	34	21.89	21.74	21.95	23	1		
20	16QAM	1	0	21.92	21.70	21.89				
20	16QAM	50	0	21.85	21.57	21.84				
20	16QAM	1	99	21.79	21.74	21.83	23	1		
20	16QAM	50	0	20.54	20.66	20.87				
20	16QAM	50	20	20.62	20.67	20.82				
20	16QAM	50	50	20.54	20.56	20.74	22	2		
20	16QAM	100	0	20.45	20.45	20.41				
20	64QAM	1	49	20.34	20.46	20.55	22	2		
20	64QAM	1	99	20.27	20.37	20.66				
20	64QAM	36	20	19.73	19.97	19.48				
20	64QAM	52	24	19.69	19.78	19.59	21	3		
20	64QAM	50	50	19.74	19.62	19.59				
20	64QAM	100	0	19.63	19.57	19.48				
20	256QAM	1	0	17.69	17.49	17.72				
20	256QAM	1	99	17.69	17.69	17.49	19	5		
20	256QAM	50	0	17.52	17.58	17.84				
20	256QAM	50	20	17.61	17.64	17.73				
20	256QAM	50	50	17.44	17.67	17.79	19	5		
20	256QAM	100	0	17.35	17.78	17.78				
Channel										
Frequency (MHz)										
16	QPRK	1	0	22.51	22.83	22.81				
16	QPRK	1	99	22.57	22.87	22.83	24	0		
16	QPRK	1	74	22.43	22.66	22.52				
16	QPRK	36	0	21.83	21.87	21.86				
16	QPRK	36	20	21.49	21.68	21.77				
16	QPRK	36	99	21.49	21.52	21.55	23	1		
16	QPRK	75	0	21.67	21.62	21.46				
16	16QAM	1	0	21.85	21.57	21.84				
16	16QAM	1	74	21.59	21.66	21.76	23	1		
16	16QAM	1	99	21.78	21.73	21.45				
16	16QAM	36	20	20.87	20.97	20.82				
16	16QAM	36	20	20.57	20.30	20.51	22	2		
16	16QAM	36	99	20.37	20.46	20.18				
16	64QAM	1	0	20.42	20.40	20.26				
16	64QAM	1	37	20.47	20.30	20.59	22	2		
16	64QAM	1	74	20.29	20.33	20.26				
16	64QAM	36	0	19.58	19.30	19.39				
16	64QAM	36	20	19.68	19.63	19.30	21	3		
16	64QAM	36	99	19.65	19.67	19.42				
16	64QAM	75	0	19.68	19.50	19.44				
16	256QAM	1	0	17.61	17.56	17.62				
16	256QAM	1	74	17.37	17.46	17.59	19	5		
16	256QAM	1	99	17.52	17.52	17.47				
16	256QAM	50	0	17.34	17.45	17.56				
16	256QAM	50	20	17.41	17.53	17.64	19	5		
16	256QAM	50	50	17.43	17.68	17.64				
16	256QAM	75	0	17.31	17.68	17.64				
Channel										
Frequency (MHz)										
10	QPRK	1	0	22.05	22.36	22.95				
10	QPRK	1	12	22.21	22.48	22.94	24	0		
10	QPRK	1	49	22.00	22.48	22.42				
10	QPRK	25	0	21.60	21.83	21.73				
10	QPRK	25	13	21.61	21.74	21.79	23	1		
10	QPRK	25	28	21.51	21.60	21.64				
10	16QAM	1	0	21.86	21.64	21.48				
10	16QAM	1	12	21.93	21.65	21.55				
10	16QAM	1	28	21.59	21.67	21.83	23	1		
10	16QAM	1	49	21.72	21.73	21.40				
10	16QAM	25	0	20.36	20.46	20.47				
10	16QAM	25	12	20.43	20.15	20.44	22	2		
10	16QAM	25	28	20.36	20.46	20.47				
10	16QAM	50	0	20.49	20.52	20.72				
10	64QAM	1	0	20.31	20.41	20.20				
10	64QAM	1	39	20.31	20.30	20.38				
10	64QAM	1	49	20.20	20.51	20.66				
10	64QAM	25	0	19.64	19.45	19.30				
10	64QAM	25	12	19.63	19.47	19.37				
10	64QAM	25	28	19.59	19.40	19.61	21	3		
10	64QAM	50	0	19.72	19.49	19.45				
10	256QAM	1	0	17.44	17.27	17.52				
10	256QAM	1	28	17.23	17.43	17.45	19	5		
10	256QAM	1	49	17.58	17.68	17.32				
10	256QAM	25	0	17.38	17.54	17.43				
10	256QAM	25	12	17.36	17.50	17.48				
10	256QAM	25	28	17.36	17.62	17.75	19	5		
10	256QAM	50	0	17.25	17.69	17.54				
Channel										
Frequency (MHz)										
5	QPRK	1	0	22.03	22.34	22.71				
5	QPRK	1	12	22.22	22.48	22.84	24	0		
5	QPRK	1	24	22.29	22.51	22.56				
5	QPRK	12	0	21.62	21.89	21.68				
5	QPRK	12	7	21.70	21.71	21.81	23	1		
5	QPRK	12	13	21.63	21.45	21.73				
5	QPRK	25	0	21.46	21.49	21.49				
5	16QAM	1	0	21.60	21.49	21.66				
5	16QAM	1	12	21.64	21.62	21.48	23	1		
5	16QAM	12	7	20.34	20.48	20.62				
5	16QAM	12	13	20.46	20.18	20.42	22	2		
5	16QAM	25	0	20.39	20.38	20.40				
5	16QAM	25	0	20.58	20.48	20.65				
5	16QAM	25	12	20.58	20.39	20.31				
5	16QAM	1	12	20.38	20.39	20.52	22	2		
5	64QAM	1	24	20.15	20.38	20.34				
5	64QAM	12	0	19.42	19.54	19.26				
5	64QAM	12	0	19.71	19.37	19.30				
5	64QAM	12	19	19.54	19.57	19.49	21	3		
5	64QAM	12	13	19.67	19.46	19.61				
5	256QAM	1	0	17.32	17.39	17.84				
5	256QAM	1	12	17.37	17.41	17.46	19	5		
5	256QAM	12	0	17.67	17.46	17.42				
5	256QAM	12	0	17.38	17.42	17.49				
5	256QAM	12	7	17.49	17.48	17.45	19	5		
5	256QAM	12	13	17.35	17.60	17.74				
5	256QAM	25	0	17.42	17.78	17.67				

Band 6 Ant 1											
RF (MHz)	Modulation	RB Size	RB Offset	Power Low Freq (dBm)	Power High Freq (dBm)	Power High Freq Ch. 1 (dBm)	Power High Freq Ch. 2 (dBm)	Turn-on time (dBm)	APRS (dB)		
Channel											
Frequency (MHz)											
20	QPSK	1	0	22.92	22.91	22.48				0	
20	QPSK	1	49	22.61	22.72	22.42					
20	QPSK	1	98	22.63	22.84	22.42					
20	QPSK	1	147	22.65	22.95	22.42					
20	QPSK	50	24	21.51	21.73	21.70			23	1	
20	QPSK	50	73	21.65	21.87	21.70					
20	16QAM	1	0	21.51	21.72	21.65					
20	16QAM	1	49	21.41	21.60	21.62					
20	16QAM	1	98	21.73	21.48	21.62			23	1	
20	16QAM	1	147	21.73	21.48	21.62					
20	16QAM	1	196	21.59	21.76	21.73					
20	16QAM	50	5	20.59	20.66	20.60					
20	16QAM	50	54	20.78	20.85	20.82			22	2	
20	16QAM	50	103	20.73	20.58	20.68					
20	16QAM	50	152	20.78	20.63	20.68					
20	16QAM	50	200	20.78	20.64	20.54					
20	16QAM	100	0	20.73	20.58	20.68					
20	16QAM	100	49	20.73	20.58	20.68					
20	16QAM	1	49	20.71	20.55	20.62			22	2	
20	16QAM	1	98	20.69	20.78	20.80					
20	16QAM	1	147	20.73	20.68	20.80					
20	16QAM	1	196	20.73	20.68	20.80					
20	16QAM	50	24	20.02	19.70	19.80			21	3	
20	16QAM	50	73	19.76	19.58	19.58					
20	16QAM	50	122	19.81	19.84	19.84					
20	256QAM	1	5	17.60	17.68	17.60			19	5	
20	256QAM	1	49	17.60	17.68	17.60					
20	256QAM	1	98	17.74	17.60	17.53					
20	256QAM	1	147	17.36	17.48	17.53					
20	256QAM	1	196	17.76	17.58	17.68					
20	256QAM	50	50	17.73	17.83	17.59			19	5	
20	256QAM	100	0	17.41	17.38	17.75					
Channel											
Frequency (MHz)											
15	QPSK	1	0	22.75	22.90	22.71					
15	QPSK	1	49	22.82	22.92	22.87			24	0	
15	QPSK	1	98	22.69	22.95	22.95					
15	QPSK	36	5	21.72	21.77	21.73					
15	QPSK	36	54	21.62	21.67	21.67			23	1	
15	QPSK	36	98	21.48	21.51	21.57					
15	QPSK	36	147	21.58	21.59	21.58					
15	16QAM	1	0	21.60	21.58	21.58					
15	16QAM	1	49	21.41	21.41	21.41					
15	16QAM	1	98	21.65	21.58	21.74					
15	16QAM	1	147	20.67	20.63	20.62			22	2	
15	16QAM	36	20	20.84	20.63	20.68					
15	16QAM	36	20	20.78	20.70	20.85					
15	16QAM	36	49	20.64	20.64	20.68					
15	16QAM	1	0	20.84	20.87	20.71					
15	16QAM	1	49	20.84	20.87	20.87			22	2	
15	16QAM	1	98								
15	16QAM	36	20	19.44	19.66	19.62					
15	16QAM	36	20	19.33	19.32	19.70			21	3	
15	16QAM	36	49	19.40	19.40	19.40					
15	16QAM	36	98	19.65	19.77	19.81					
15	16QAM	1	0	17.62	17.59	17.64			19	5	
15	16QAM	1	49	17.39	17.28	17.44					
15	256QAM	1	74	17.39	17.57	17.60					
15	256QAM	1	0	17.33	17.29	17.29					
15	256QAM	1	49	17.35	17.28	17.41					
15	256QAM	36	29	17.38	17.38	17.73			19	5	
15	256QAM	36	29	17.37	17.18	17.74					
Channel											
Frequency (MHz)											
10	QPSK	1	0	15.922	15.922	15.922			Turn-on time (dBm)	APRS (dB)	
10	QPSK	1	0	17.115	17.41	17.75					
10	QPSK	1	25	22.69	22.77	22.83			24	0	
10	QPSK	1	49	22.75	22.80	22.86					
10	QPSK	25	5	21.88	21.69	21.87					
10	QPSK	25	54	21.87	21.68	21.87			23	1	
10	QPSK	25	25	21.58	21.57	21.50					
10	16QAM	1	0	21.60	21.68	21.68					
10	16QAM	1	24	21.54	21.57	21.47					
10	16QAM	1	25	21.30	21.42	21.41					
10	16QAM	1	49	21.54	21.57	21.51			23	1	
10	16QAM	1	25	20.57	20.56	20.58					
10	16QAM	1	25	20.56	20.59	20.66					
10	16QAM	1	25	20.78	20.79	20.78			22	2	
10	16QAM	50	5	20.55	20.53	20.41					
10	16QAM	1	0	20.63	20.68	20.67					
10	16QAM	1	20	20.48	20.35	20.48			22	2	
10	16QAM	1	49	20.63	20.63	20.71					
10	16QAM	25	5	19.57	19.60	19.63					
10	16QAM	25	54	19.65	19.62	19.62			21	3	
10	16QAM	25	25	19.44	19.39	19.38					
10	16QAM	50	0	19.65	19.81	19.82					
10	16QAM	50	12	17.52	17.48	17.48					
10	16QAM	1	25	17.35	17.42	17.38			19	5	
10	256QAM	1	49	17.44	17.38	17.60					
10	256QAM	1	24	17.44	17.38	17.60					
10	256QAM	25	12	17.00	17.30	17.36			19	5	
10	256QAM	25	12	17.00	17.32	17.68					
10	256QAM	50	0	17.21	17.22	17.34					
Channel											
Frequency (MHz)											
3	QPSK	1	0	15.997	15.992	15.987			Turn-on time (dBm)	APRS (dB)	
3	QPSK	1	0	17.215	17.51	17.75					
3	QPSK	1	12	22.59	22.59	22.63			24	0	
3	QPSK	1	24	22.75	22.83	22.80					
3	QPSK	12	5	21.76	21.68	21.87					
3	QPSK	12	7	21.71	21.66	21.74					
3	QPSK	12	13	21.63	21.66	21.66			23	1	
3	QPSK	25	5	21.59	21.57	21.57					
3	16QAM	1	0	21.45	21.46	21.58					
3	16QAM	1	13	21.32	21.43	21.42					
3	16QAM	1	21	21.76	21.93	21.62					
3	16QAM	12	0	20.61	20.51	20.62			22	2	
3	16QAM	12	0	20.67	20.61	20.58					
3	16QAM	12	13	20.66	20.78	20.78			22	2	
3	16QAM	25	5	20.67	20.61	20.55					
3	16QAM	25	5	20.67	20.61	20.55					
3	16QAM	50	0	20.59	20.59	20.59					
3	16QAM	1	12	20.40	20.50	20.40			22	2	
3	16QAM	1	24	20.73	20.64	20.69					
3	16QAM	12	13	19.51	19.58	19.67					
3	16QAM	12	13	19.40	19.57	19.58					
3	16QAM	12	13	19.40	19.57	19.58					
3	256QAM	1	0	17.69	17.56	17.55			19	5	
3	256QAM	1	12	17.34	17.43	17.45					
3	256QAM	1	12	17.45	17.48	17.48					
3	256QAM	12	7	17.36	17.48	17.49					
3	256QAM	12	7	17.38	17.32	17.43			19	5	
3	256QAM	12	13	17.69	17.61	17.63					
3	256QAM	1	0	17.36	17.31	17.42					
Channel											
Frequency (MHz)											
3	QPSK	1	0	22.90	22.71	22.90					
3	QPSK	1	8	22.64	22.53	22.54			24	0	
3	QPSK	1	24	22.82	22.79	22.79					
3	QPSK	8	4	21.65	21.62	21.67					
3	QPSK	8	4	21.65	21.69	21.58			23	1	
3	QPSK	8	21	21.52	21.62	21.62					
3	QPSK	16	0	21.72	21.61	21.64					
3	16QAM	1	0	21.56	21.50	21.49			23	1	
3	16QAM	1	21	21.42	21.45	21.43					
3	16QAM	1	14	21.16	21.07	21.77					
3	16QAM	8	0	20.33	20.40	20.52			22	2	
3	16QAM	8	20	20.56	20.48	20.56					
3	16QAM	8	7	20.65	20.66	20.75					
3	16QAM	16	0	20.56	20.52	20.41					
3	16QAM	16	0	20.70	20.71	20.72					
3	16QAM	1	8	20.42	20.52	20.38			22	2	
3	16QAM	1	14	20.46	20.74	20.80					
3	16QAM	1	19	19.65	19.37	19.37					
3	16QAM	8	4	19.66	19.83	19.71			21	3	
3	256QAM	1	0	17.68	17.68	17.68					
3	256QAM	1	22	17.48	17.48	17.48			19	5	
3	256QAM	1	14	17.57	17.47	17.52					
3	256QAM	8	0	17.78	17.36	17.37					
3	256QAM	8	7	17.44	17.28	17.28			19	5	
3	256QAM	8	7	17.69	17.74	17.63					
3	256QAM	15	0	17.20	17.28	17.24					
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	22.50	22.77	22.59					
1.4	QPSK	1	0	22.50	22.77	22.59			24	0	
1.4	QPSK	1	5	22.55	22.82	22.58					
1.4	QPSK	3	0	22.70	22.69	22.76					
1.4	QPSK	3	0	22.67	22.68	22.76					
1.4	QPSK	3	2	22.57	22.58	22.55					
1.4	QPSK	6	0	21.58	21.40	21.74</					

Band 38 Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR			
Channel				37650	38000	38150					
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	22.80	23.08	23.01	24	0			
20	QPSK	1	49	22.75	22.92	22.81					
20	QPSK	1	99	22.84	22.71	22.66	23	1			
20	QPSK	50	0	21.79	22.07	21.98					
20	QPSK	50	24	21.89	21.95	21.68	23	1			
20	QPSK	50	50	21.70	21.67	22.00					
20	QPSK	100	0	21.99	22.12	21.83	22	2			
20	16QAM	1	0	21.75	21.60	21.91					
20	16QAM	1	49	21.61	21.98	21.83	23	1			
20	16QAM	1	99	21.89	21.86	21.59					
20	16QAM	50	0	20.75	20.71	20.83	22	2			
20	16QAM	50	24	20.85	20.48	20.79					
20	16QAM	50	50	20.86	20.50	20.62	22	2			
20	16QAM	100	0	20.45	20.74	20.50					
20	64QAM	1	0	20.54	20.55	20.71	22	2			
20	64QAM	1	49	20.52	20.67	20.65					
20	64QAM	1	99	20.66	20.58	20.93	21	3			
20	64QAM	50	0	19.66	19.65	19.84					
20	64QAM	50	24	19.74	19.81	19.55	21	3			
20	64QAM	50	50	19.71	19.60	19.97					
20	64QAM	100	0	19.60	19.76	19.55	19	5			
20	256QAM	1	0	17.81	17.77	17.65					
20	256QAM	1	49	17.72	17.71	17.80	19	5			
20	256QAM	1	99	17.58	17.62	17.61					
20	256QAM	50	0	17.70	17.63	17.58	19	5			
20	256QAM	50	24	17.92	17.74	17.76					
20	256QAM	50	50	17.62	17.68	17.68	20	2			
20	256QAM	100	0	17.71	17.76	17.93					
Channel				37625	38000	38175	Tune-up limit			MPR	
Frequency (MHz)				2577.5	2595	2612.5	(dBm)			(dB)	
15	QPSK	1	0	22.97	23.05	23.00	24	0			
15	QPSK	1	37	22.79	22.76	22.86					
15	QPSK	1	74	22.65	22.74	22.74	23	1			
15	QPSK	36	0	21.87	21.96	21.94					
15	QPSK	36	20	21.95	21.92	21.85	23	1			
15	QPSK	36	39	21.77	21.77	21.96					
15	QPSK	75	0	21.82	22.07	21.89	23	1			
15	16QAM	1	0	21.77	21.99	22.03					
15	16QAM	1	37	21.62	21.93	22.00	23	1			
15	16QAM	1	74	21.83	21.83	21.81					
15	16QAM	36	0	20.59	20.82	20.74	22	2			
15	16QAM	36	20	20.87	20.35	20.74					
15	16QAM	36	39	20.80	20.71	20.75	22	2			
15	16QAM	75	0	20.58	20.87	20.53					
15	64QAM	1	0	20.45	20.77	20.49	22	2			
15	64QAM	1	37	20.50	20.78	20.70					
15	64QAM	1	74	20.65	20.72	20.90	21	3			
15	64QAM	36	0	19.72	19.74	19.71					
15	64QAM	36	20	19.89	19.71	19.64	21	3			
15	64QAM	36	39	19.61	19.53	19.85					
15	64QAM	75	0	19.74	19.70	19.70	19	5			
15	256QAM	1	0	17.88	17.78	17.67					
15	256QAM	1	37	17.82	17.81	17.73	19	5			
15	256QAM	1	74	17.58	17.76	17.64					
15	256QAM	36	0	17.61	17.88	17.63	19	5			
15	256QAM	36	20	17.83	17.90	17.77					
15	256QAM	36	39	17.61	17.76	17.54	19	5			
15	256QAM	75	0	17.76	17.71	17.78					
Channel				37900	38000	38200	Tune-up limit			MPR	
Frequency (MHz)				2575	2595	2615	(dBm)			(dB)	
10	QPSK	1	0	22.85	23.02	23.03	24	0			
10	QPSK	1	25	22.76	22.72	22.89					
10	QPSK	1	49	22.64	22.77	22.70	23	1			
10	QPSK	25	0	21.84	22.07	21.78					
10	QPSK	25	12	21.87	21.90	21.90	23	1			
10	QPSK	25	25	21.88	21.63	21.97					
10	QPSK	50	0	21.85	22.11	21.88	23	1			
10	16QAM	1	0	21.80	21.89	21.92					
10	16QAM	1	25	21.63	21.98	21.98	23	1			
10	16QAM	1	49	21.96	21.85	21.71					
10	16QAM	25	0	20.65	20.68	20.88	22	2			
10	16QAM	25	12	20.71	20.42	20.70					
10	16QAM	25	25	20.82	20.47	20.80	22	2			
10	16QAM	50	0	20.66	20.91	20.57					
10	64QAM	1	0	20.56	20.59	20.72	22	2			
10	64QAM	1	25	20.56	20.73	20.68					
10	64QAM	1	49	20.57	20.59	20.72	21	3			
10	64QAM	25	0	19.82	19.72	19.77					
10	64QAM	25	12	19.84	19.63	19.61	21	3			
10	64QAM	25	25	19.69	19.69	19.95					
10	64QAM	50	0	19.64	19.61	19.70	19	5			
10	256QAM	1	0	17.82	17.77	17.62					
10	256QAM	1	25	17.73	17.89	17.70	19	5			
10	256QAM	1	49	17.51	17.72	17.71					
10	256QAM	25	0	17.71	17.94	17.61	19	5			
10	256QAM	25	12	17.99	17.76	17.73					
10	256QAM	25	25	17.77	17.75	17.59	19	5			
10	256QAM	50	0	17.65	17.79	17.89					
Channel				37775	38000	38225	Tune-up limit			MPR	
Frequency (MHz)				2572.5	2595	2617.5	(dBm)			(dB)	
5	QPSK	1	0	22.78	22.95	22.96	24	0			
5	QPSK	1	12	22.90	22.89	22.82					
5	QPSK	1	24	22.68	22.79	22.84	23	1			
5	QPSK	12	0	21.83	21.96	21.83					
5	QPSK	12	7	21.90	21.94	21.83	23	1			
5	QPSK	12	13	21.89	21.96	21.97					
5	QPSK	25	0	21.77	21.96	21.83	23	1			
5	16QAM	1	0	21.86	21.98	21.91					
5	16QAM	1	12	21.80	21.78	22.04	23	1			
5	16QAM	1	24	22.00	21.80	21.60					
5	16QAM	12	0	20.72	20.77	20.72	22	2			
5	16QAM	12	7	20.86	20.58	20.74					
5	16QAM	12	13	20.81	20.66	20.73	22	2			
5	16QAM	25	0	20.47	20.75	20.40					
5	64QAM	1	0	20.64	20.56	20.52	22	2			
5	64QAM	1	12	20.49	20.62	20.70					
5	64QAM	1	24	20.59	20.66	20.91	21	3			
5	64QAM	12	0	19.71	19.74	19.89					
5	64QAM	12	7	19.92	19.81	19.75	21	3			
5	64QAM	12	13	19.76	19.55	19.94					
5	64QAM	25	0	19.59	19.72	19.66	19	5			
5	256QAM	1	0	17.73	17.84	17.46					
5	256QAM	1	12	17.73	17.75	17.85	19	5			
5	256QAM	1	24	17.66	17.71	17.77					
5	256QAM	12	0	17.65	17.80	17.65	19	5			
5	256QAM	12	7	18.00	17.94	17.86					
5	256QAM	12	13	17.66	17.77	17.63	19	5			
5	256QAM	25	0	17.78	17.75	17.80					

Band 5 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				20450	20525	20600							
Frequency (MHz)				829	836.5	844							
10	QPSK	1	0	22.15	22.28	22.19	23.4	0					
10	QPSK	1	25	22.14	22.20	22.18							
10	QPSK	1	49	22.20	22.16	22.13							
10	QPSK	25	0	22.11	22.19	22.12	23	0.4					
10	QPSK	25	12	22.20	21.98	21.79							
10	QPSK	25	25	22.05	22.07	22.05							
10	QPSK	50	0	22.10	22.14	22.10	23	0.4					
10	16QAM	1	0	22.00	21.95	21.92							
10	16QAM	1	25	22.05	21.97	21.95							
10	16QAM	1	49	22.22	22.05	22.14	22	1.4					
10	16QAM	25	0	20.85	20.89	20.72							
10	16QAM	25	12	20.94	21.17	20.91							
10	16QAM	25	25	20.76	20.95	20.76	22	1.4					
10	16QAM	50	0	20.86	21.07	20.85							
10	64QAM	1	0	21.14	21.06	20.83							
10	64QAM	1	25	21.01	21.18	20.98	22	1.4					
10	64QAM	1	49	21.03	20.90	20.98							
10	64QAM	25	0	20.39	20.32	19.92							
10	64QAM	25	12	20.05	20.11	19.75	21	2.4					
10	64QAM	25	25	20.16	20.11	19.93							
10	64QAM	50	0	20.24	20.05	20.15							
10	256QAM	1	0	18.08	18.02	18.16	19	4.4					
10	256QAM	1	25	18.10	18.26	18.07							
10	256QAM	1	49	17.91	17.95	18.03							
10	256QAM	25	0	17.84	18.21	18.02	19	4.4					
10	256QAM	25	12	18.08	17.85	17.84							
10	256QAM	25	25	17.89	18.10	18.04							
10	256QAM	50	0	18.12	18.12	17.95							
Channel				20425	20525	20625							
Frequency (MHz)				826.5	836.5	846.5							
5	QPSK	1	0	22.05	22.15	22.03	23.4	0					
5	QPSK	1	12	22.05	22.12	22.05							
5	QPSK	1	24	22.14	22.12	22.14							
5	QPSK	12	0	22.10	22.10	21.96	23	0.4					
5	QPSK	12	7	21.95	21.95	21.83							
5	QPSK	12	13	21.88	21.89	21.84							
5	QPSK	25	0	21.96	22.10	21.95	23	0.4					
5	16QAM	1	0	22.01	21.92	21.73							
5	16QAM	1	12	21.91	21.92	21.92							
5	16QAM	1	24	22.10	21.84	22.10	22	1.4					
5	16QAM	12	0	20.66	20.80	20.64							
5	16QAM	12	7	20.89	20.99	20.90							
5	16QAM	12	13	20.80	20.83	20.71	22	1.4					
5	16QAM	25	0	20.87	21.39	20.87							
5	64QAM	1	0	21.02	20.86	20.78							
5	64QAM	1	12	20.87	20.98	21.00	22	1.4					
5	64QAM	1	24	20.90	20.84	20.81							
5	64QAM	12	0	19.91	19.82	19.78							
5	64QAM	12	7	20.07	19.96	19.77	21	2.4					
5	64QAM	12	13	20.16	19.97	19.91							
5	64QAM	25	0	20.17	19.84	20.00							
5	256QAM	1	0	17.95	17.87	18.15	19	4.4					
5	256QAM	1	12	18.00	18.13	17.94							
5	256QAM	1	24	17.69	17.95	17.83							
5	256QAM	12	0	17.71	18.09	18.01	19	4.4					
5	256QAM	12	7	18.04	17.78	17.77							
5	256QAM	12	13	17.73	18.09	17.96							
5	256QAM	25	0	17.97	18.05	17.92							
Channel				20415	20525	20635							
Frequency (MHz)				825.5	836.5	847.5							
3	QPSK	1	0	22.05	22.04	22.13	23.4	0					
3	QPSK	1	8	22.11	22.17	22.06							
3	QPSK	1	14	22.12	22.05	22.11							
3	QPSK	8	0	21.95	22.14	22.11	23	0.4					
3	QPSK	8	4	21.84	21.96	21.64							
3	QPSK	8	7	21.82	22.06	21.94							
3	QPSK	15	0	22.11	21.96	21.88	23	0.4					
3	16QAM	1	0	21.89	21.95	21.70							
3	16QAM	1	8	21.90	21.75	21.83							
3	16QAM	1	14	22.12	21.99	21.97	22	1.4					
3	16QAM	8	0	20.71	20.78	20.66							
3	16QAM	8	4	20.77	21.07	20.87							
3	16QAM	8	7	20.70	20.93	20.76	22	1.4					
3	16QAM	15	0	20.84	20.86	20.70							
3	64QAM	1	0	20.97	20.87	20.87							
3	64QAM	1	8	20.84	20.96	20.92	22	1.4					
3	64QAM	1	14	20.97	20.90	20.89							
3	64QAM	8	0	19.94	19.83	19.86							
3	64QAM	8	4	19.90	19.99	19.57	21	2.4					
3	64QAM	8	7	19.94	20.06	19.91							
3	64QAM	15	0	20.10	19.96	19.93							
3	256QAM	1	0	18.08	17.84	17.99	19	4.4					
3	256QAM	1	8	18.05	18.05	17.91							
3	256QAM	1	14	17.91	17.84	17.85							
3	256QAM	8	0	17.69	18.12	17.99	19	4.4					
3	256QAM	8	4	17.90	17.82	17.75							
3	256QAM	8	7	17.80	18.09	17.91							
3	256QAM	15	0	18.12	17.94	17.79							
Channel				20407	20525	20643							
Frequency (MHz)				824.7	836.5	848.3							
1.4	QPSK	1	0	22.10	22.08	22.15	23.4	0					
1.4	QPSK	1	3	22.16	22.05	22.09							
1.4	QPSK	1	5	22.04	22.07	22.06							
1.4	QPSK	3	0	22.04	22.04	22.06	23	0.4					
1.4	QPSK	3	1	22.07	22.15	22.14							
1.4	QPSK	3	3	22.14	22.10	22.14							
1.4	QPSK	6	0	21.97	22.02	22.07	23	0.4					
1.4	16QAM	1	0	21.86	21.93	21.74							
1.4	16QAM	1	3	21.95	21.81	21.78							
1.4	16QAM	1	5	22.14	22.00	22.05	23	0.4					
1.4	16QAM	3	0	22.01	21.96	22.09							
1.4	16QAM	3	1	21.97	21.97	21.93							
1.4	16QAM	3	3	22.03	21.83	21.85	22	1.4					
1.4	16QAM	6	0	20.71	21.04	20.73							
1.4	64QAM	1	0	21.15	20.97	20.83							
1.4	64QAM	1	3	20.87	21.20	20.87	22	1.4					
1.4	64QAM	1	5	20.99	20.85	20.97							
1.4	64QAM	3	0	20.92	21.13	20.73							
1.4	64QAM	3	1	20.70	20.81	20.70	21	2.4					
1.4	64QAM	3	3	20.73	20.95	20.79							
1.4	64QAM	6	0	20.05	20.02	20.06	21	2.4					
1.4	256QAM	1	0	18.08	18.02	18.16							
1.4	256QAM	1	3	18.10	18.10	17.94	19	4.4					
1.4	256QAM	1	5	17.71	17.86	18.02							
1.4	256QAM	3	0	17.91	18.03	17.98							
1.4	256QAM	3	1	18.04	18.06	17.98	19	4.4					
1.4	256QAM	3	3	17.85	18.13	17.92							
1.4	256QAM	6	0	18.02	17.97	17.88	19	4.4					

Reduced Power Mode for DSI3_Other PA

Band 5 Ant 0												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq 20450	Power Middle Ch / Freq 20525	Power High Ch / Freq 20600	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.73	22.93	22.77	24	0				
10	QPSK	1	25	22.49	22.72	22.72						
10	QPSK	1	49	22.78	22.77	22.77						
10	QPSK	25	0	21.89	21.94	21.91						
10	QPSK	25	12	21.85	21.76	21.91	23	1				
10	QPSK	25	25	21.98	21.85	21.87						
10	QPSK	50	0	21.72	21.99	21.98						
10	16QAM	1	0	21.78	22.05	21.83						
10	16QAM	1	25	21.84	21.75	21.95	23	1				
10	16QAM	1	49	21.85	21.83	21.91						
10	16QAM	25	0	21.01	20.88	20.87						
10	16QAM	25	12	20.85	20.88	20.88						
10	16QAM	25	25	20.90	20.76	20.75	22	2				
10	16QAM	50	0	20.90	20.69	21.02						
10	64QAM	1	0	20.94	20.93	20.80						
10	64QAM	1	25	20.89	20.81	20.89						
10	64QAM	1	49	20.93	20.71	20.72	22	2				
10	64QAM	25	0	19.77	19.75	19.83						
10	64QAM	25	12	19.79	19.77	20.05						
10	64QAM	25	25	19.74	19.83	19.81						
10	64QAM	50	0	19.75	19.68	19.89	21	3				
10	256QAM	1	0	19.94	19.87	19.76						
10	256QAM	1	25	18.01	17.91	18.04						
10	256QAM	1	49	18.01	17.81	17.95						
10	256QAM	25	0	17.75	17.82	17.81	19	5				
10	256QAM	25	12	18.07	17.87	17.87						
10	256QAM	25	25	17.85	17.73	17.95						
10	256QAM	50	0	17.91	17.96	17.93						
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.62	22.75	22.65	24	0				
5	QPSK	1	12	22.45	22.64	22.72						
5	QPSK	1	24	22.71	22.65	22.70						
5	QPSK	12	0	21.84	21.80	21.74						
5	QPSK	12	7	21.80	21.67	21.92	23	1				
5	QPSK	12	13	21.80	21.69	21.78						
5	QPSK	25	0	21.54	21.86	21.65						
5	16QAM	1	0	21.59	21.89	21.64						
5	16QAM	1	12	21.84	21.80	21.78	23	1				
5	16QAM	1	24	21.69	21.81	21.76						
5	16QAM	12	0	20.87	20.88	20.61						
5	16QAM	12	7	20.85	20.82	20.89						
5	16QAM	12	13	20.89	20.75	20.93	22	2				
5	16QAM	25	0	20.75	20.70	20.94						
5	64QAM	1	0	20.91	20.78	20.81						
5	64QAM	1	12	20.77	20.69	20.88						
5	64QAM	1	24	20.91	20.53	20.85	22	2				
5	64QAM	12	0	19.76	19.54	19.59						
5	64QAM	12	7	19.76	19.77	19.92						
5	64QAM	12	13	19.64	19.72	19.83						
5	64QAM	25	0	19.77	19.67	19.76	21	3				
5	256QAM	1	0	17.79	17.92	17.87						
5	256QAM	1	12	17.65	17.80	18.06						
5	256QAM	1	24	18.01	17.73	17.85						
5	256QAM	12	0	17.66	17.62	17.73	19	5				
5	256QAM	12	7	17.94	17.70	17.88						
5	256QAM	12	13	17.94	17.70	17.88						
5	256QAM	25	0	17.76	17.70	17.88						
5	256QAM	12	13	17.84	17.59	17.78	19	5				
5	256QAM	25	0	17.75	17.85	17.92						
Channel												
Frequency (MHz)												
3	QPSK	1	0	22.61	22.87	22.75	24	0				
3	QPSK	1	8	22.39	22.71	22.70						
3	QPSK	1	14	22.53	22.57	22.71						
3	QPSK	8	0	21.64	21.90	21.80						
3	QPSK	8	4	21.69	21.67	21.68	23	1				
3	QPSK	8	7	21.85	21.70	21.86						
3	QPSK	15	0	21.51	21.96	21.69						
3	16QAM	1	0	21.74	21.87	21.83						
3	16QAM	1	8	21.85	21.54	21.96	23	1				
3	16QAM	1	14	21.70	21.82	21.74						
3	16QAM	8	0	21.00	20.90	20.51						
3	16QAM	8	4	20.79	20.81	20.72						
3	16QAM	8	7	20.70	20.75	20.73	22	2				
3	16QAM	15	0	20.79	20.66	20.95						
3	64QAM	1	0	20.81	20.78	20.78						
3	64QAM	1	8	20.69	20.75	20.73						
3	64QAM	1	14	20.89	20.54	20.73	22	2				
3	64QAM	8	0	19.70	19.74	19.58						
3	64QAM	8	4	19.70	19.75	20.06						
3	64QAM	8	7	19.68	19.73	19.76						
3	64QAM	15	0	19.77	19.81	19.84	21	3				
3	256QAM	1	0	17.79	17.94	17.80						
3	256QAM	1	8	17.97	17.71	18.00						
3	256QAM	1	14	17.88	17.73	17.74						
3	256QAM	8	0	17.76	17.72	17.78	19	5				
3	256QAM	8	4	17.89	17.51	17.93						
3	256QAM	8	7	17.72	17.74	17.80						
3	256QAM	15	0	17.71	17.88	17.73						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	22.52	22.78	22.76	24	0				
1.4	QPSK	1	3	22.51	22.87	22.74						
1.4	QPSK	1	5	22.44	22.65	22.58						
1.4	QPSK	3	0	21.64	22.89	22.85						
1.4	QPSK	3	1	22.50	22.77	22.54	23	1				
1.4	QPSK	3	3	22.59	22.72	22.84						
1.4	QPSK	6	0	21.91	21.85	21.77						
1.4	16QAM	1	0	21.71	21.87	21.87						
1.4	16QAM	1	14	21.69	21.84	21.76	23	1				
1.4	16QAM	1	5	21.80	21.76	21.82						
1.4	16QAM	3	0	21.66	21.65	21.70						
1.4	16QAM	3	1	21.80	21.79	21.84						
1.4	16QAM	3	3	21.59	21.50	21.59	22	2				
1.4	16QAM	6	0	20.67	20.59	20.91						
1.4	64QAM	1	0	20.63	20.81	20.84						
1.4	64QAM	1	3	20.74	20.58	20.86						
1.4	64QAM	1	5	20.81	20.64	20.82	22	2				
1.4	64QAM	3	0	20.77	20.64	20.95						
1.4	64QAM	3	1	20.74	20.78	20.78						
1.4	64QAM	3	3	20.88	20.54	20.86						
1.4	64QAM	6	0	19.59	19.57	19.74	21	3				
1.4	256QAM	1	0	17.94	17.80	17.76						
1.4	256QAM	1	3	18.03	17.79	17.86						
1.4	256QAM	1	5	17.88	17.81	17.83						
1.4	256QAM	3	0	17.70	17.70	17.81	19	5				
1.4	256QAM	3	1	18.02	17.63	17.92						
1.4	256QAM	3	3	17.70	17.63	17.81						
1.4	256QAM	6	0	17.84	17.73	17.89						

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	22.72	23.01	22.85	24	0				
15	QPSK	1	37	22.82	22.71	22.51						
15	QPSK	1	74	22.86	22.72	22.77						
15	QPSK	36	0	21.67	21.84	21.65	23	1				
15	QPSK	36	20	21.71	21.64	21.75						
15	QPSK	36	39	21.72	21.79	21.80						
15	QPSK	1	0	21.61	21.71	21.71	23	1				
15	16QAM	1	0	21.60	21.68	21.60						
15	16QAM	1	37	21.56	21.68	21.66						
15	16QAM	1	74	21.67	21.70	21.84	22	2				
15	16QAM	36	0	20.86	20.60	20.73						
15	16QAM	36	20	20.73	20.70	20.73						
15	16QAM	36	39	20.83	20.90	20.77	22	2				
15	16QAM	75	0	20.83	20.81	20.85						
15	16QAM	1	0	20.74	20.73	20.73						
15	16QAM	36	0	20.75	20.70	20.73	22	2				
15	16QAM	1	74	20.68	20.62	20.67						
15	16QAM	36	0	19.91	19.72	19.90						
15	16QAM	36	20	19.83	19.84	19.81	21	2				
15	16QAM	36	39	19.73	19.62	19.88						
15	16QAM	75	0	19.75	19.81	19.78						
15	256QAM	1	0	17.56	17.61	17.66	19	5				
15	256QAM	1	37	17.64	17.83	17.85						
15	256QAM	1	74	17.72	17.78	17.82						
15	256QAM	36	0	17.63	17.50	17.64	19	5				
15	256QAM	36	20	17.76	17.56	17.62						
15	256QAM	36	39	17.70	17.75	17.78						
15	256QAM	75	0	17.62	17.72	17.66	Turn-up limit (dBm)	MPR (dB)				
Frequency (MHz)												
Channel												
10	QPSK	1	0	22.63	22.87	22.77	23	0				
10	QPSK	1	25	22.73	22.65	22.40						
10	QPSK	1	49	22.58	22.71	22.51						
10	QPSK	25	0	21.67	21.61	21.58	23	1				
10	QPSK	25	12	21.73	21.59	21.61						
10	QPSK	25	25	21.64	21.70	21.62						
10	16QAM	1	0	21.55	21.60	21.58	23	1				
10	16QAM	1	25	21.56	21.60	21.65						
10	16QAM	1	25	21.53	21.60	21.64						
10	16QAM	1	49	21.47	21.68	21.84	22	2				
10	16QAM	25	0	20.77	20.46	20.78						
10	16QAM	25	0	20.68	20.46	20.69						
10	16QAM	25	25	20.79	20.90	20.69	22	2				
10	16QAM	25	0	20.76	20.64	20.66						
10	16QAM	1	0	20.56	20.71	20.62						
10	16QAM	1	25	20.74	20.59	20.63	21	3				
10	16QAM	25	0	19.75	19.60	19.69						
10	16QAM	25	0	19.91	19.60	19.73						
10	16QAM	25	12	19.64	19.71	18.61	19	5				
10	16QAM	25	25	19.54	19.60	19.78						
10	16QAM	50	0	19.75	19.60	19.68						
10	256QAM	1	0	17.50	17.50	17.53	19	5				
10	256QAM	1	25	17.47	17.82	17.87						
10	256QAM	1	49	17.70	17.76	17.55						
10	256QAM	25	0	17.62	17.79	17.89	19	5				
10	256QAM	25	12	17.67	17.54	17.56						
10	256QAM	25	25	17.49	17.58	17.68						
10	256QAM	50	0	17.62	17.52	17.52	Turn-up limit (dBm)	MPR (dB)				
Frequency (MHz)												
Channel												
5	QPSK	1	0	22.73	22.94	22.84	23	0				
5	QPSK	1	12	22.73	22.50	22.48						
5	QPSK	1	24	22.59	22.73	22.74						
5	QPSK	12	0	21.65	21.74	21.65	23	1				
5	QPSK	12	13	21.57	21.64	21.55						
5	QPSK	12	13	21.55	21.65	21.80						
5	16QAM	1	0	21.58	21.63	21.57	23	1				
5	16QAM	1	0	21.46	21.59	21.50						
5	16QAM	1	12	21.52	21.54	21.50						
5	16QAM	1	24	21.52	21.54	21.70	22	2				
5	16QAM	12	0	20.85	20.59	20.72						
5	16QAM	12	7	20.72	20.66	20.52						
5	16QAM	12	7	20.77	20.66	20.58	19	5				
5	16QAM	25	0	20.83	20.60	20.63						
5	16QAM	1	0	20.69	20.63	20.63						
5	16QAM	1	12	20.67	20.47	20.57	22	2				
5	16QAM	1	24	20.65	20.43	20.79						
5	16QAM	12	0	19.74	19.62	19.62						
5	16QAM	12	7	19.72	19.71	19.60	21	3				
5	16QAM	12	13	19.55	19.45	19.92						
5	16QAM	25	0	19.72	19.62	19.59						
5	256QAM	1	0	17.46	17.46	17.46	19	5				
5	256QAM	1	12	17.53	17.65	17.72						
5	256QAM	1	24	17.70	17.77	17.43						
5	256QAM	12	0	17.42	17.38	17.43	19	5				
5	256QAM	12	7	17.68	17.42	17.52						
5	256QAM	12	13	17.51	17.75	17.64						
5	256QAM	25	0	17.49	17.58	17.65	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
3	QPSK	1	0	22.66	22.665	22.625	23	0				
3	QPSK	1	8	22.60	22.60	22.39						
3	QPSK	1	14	22.70	22.72	22.68						
3	QPSK	8	0	21.64	21.71	21.61	23	1				
3	QPSK	8	4	21.54	21.47	21.70						
3	QPSK	8	12	21.54	21.21	21.81						
3	QPSK	15	0	21.48	21.65	21.54	23	1				
3	16QAM	1	0	21.49	21.66	21.46						
3	16QAM	1	8	21.43	21.55	21.53						
3	16QAM	1	14	21.50	21.42	21.64	22	2				
3	16QAM	8	0	20.67	20.63	20.65						
3	16QAM	8	4	20.52	20.49	20.55						
3	16QAM	8	7	20.81	20.88	20.74	22	2				
3	16QAM	15	0	20.78	20.70	20.74						
3	16QAM	1	0	20.62	20.55	20.61						
3	16QAM	1	8	20.61	20.55	20.75	22	2				
3	16QAM	1	14	20.51	20.48	20.83						
3	16QAM	8	4	19.92	19.57	19.77						
3	16QAM	8	4	19.84	19.94	19.70	21	3				
3	16QAM	8	7	19.60	19.43	19.92						
3	16QAM	15	0	19.65	19.64	19.77						
3	256QAM	1	0	17.49	17.57	17.57	19	5				
3	256QAM	1	8	17.48	17.74	17.72						
3	256QAM	1	14	17.51	17.83	17.40						
3	256QAM	8	0	17.43	17.48	17.56	19	5				
3	256QAM	8	4	17.69	17.37	17.58						
3	256QAM	8	7	17.64	17.70	17.63						
3	256QAM	15	0	17.59	17.51	17.67	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	22.61	22.72	22.62	23	0				
1.4	QPSK	1	5	22.54	22.52	22.52						
1.4	QPSK	1	5	22.60	22.78	22.52						
1.4	QPSK	1	0	22.61	22.91	22.84	24	0				
1.4	QPSK	1	1	22.78	22.63	22.29						
1.4	QPSK	8	0	22.21	22.22	22.20						
1.4	QPSK	8	21.65	21.53	21.65	21.71	23	1				
1.4	16QAM	1	0	21.51	21.66	21.69						
1.4	16QAM	1	3	21.61	21.60	21.61						
1.4	16QAM	1	5	21.75	21.63	21.61	23	1				
1.4	16QAM	1	5	21.50	21.21	21.59						
1.4	16QAM	3	1	21.69	21.29	21.61						
1.4	16QAM	3	3	21.49	21.61	21.52	22	2				
1.4	16QAM	6	0	20.61	20.41	20.75						
1.4	16QAM	3	3	20.38	20.20	20.64						
1.4	16QAM	1	3	20.74	20.54	20.69	22	2				
1.4	16QAM	1	5	20.65	20.63	20.63						
1.4	16QAM	3	1	20.79	20.55	20.65						
1.4	16QAM	3	1	20.63	20.20	20.60	21	3				
1.4	16QAM	3	1	20.49	20.71	20.60						
1.4	16QAM	6	0	19.85	19.69	19.82						
1.4	256QAM	1	0	17.50	17.58	17.59	19	5				
1.4	256QAM	1	3	17.40	17.69	17.64						
1.4	256QAM	1	5	17.60	17.81	17.68						
1.4	256QAM	3	0	17.60	17.54	17.64	19	5				
1.4	256QAM	3	1	17.46	17.39	17.44						
1.4	256QAM	3	1	17.60	17.53	17.71						



Band 2 Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power [mW]	Power [mW]	Power [mW]	Turn-on time [ms]	MRR [dB]		
Channel	Ch. Freq.	Ch. Freq.	Ch. Freq.	Ch. Freq.	Ch. Freq.	Ch. Freq.				
Frequency [MHz]	1880	1880	1880	1880	1880	1880				
20 QPSK	1	0	22.18	22.20	22.11					
15 QPSK	1	0	22.17	22.18	22.18				23.5	0
10 QPSK	1	99	22.17	22.08	22.18					
5 QPSK	50	0	21.66	21.61	21.66				23	0.5
10 QPSK	50	24	21.74	21.61	21.65					
20 QPSK	50	50	21.66	21.66	21.61					
20 QPSK	100	0	21.73	21.70	21.74					
15 QPSK	1	0	21.68	21.68	21.65					
10 QPSK	1	49	21.61	21.64	21.64				23	0.5
10 QPSK	1	99	21.74	21.64	21.73					
10 QPSK	50	0	20.99	20.99	20.99					
10 QPSK	50	24	20.95	20.93	20.92				22	1.5
10 QPSK	50	50	20.91	20.89	20.94					
10 QPSK	100	0	20.91	20.94	20.89					
10 QPSK	1	0	20.49	20.69	20.52					
10 QPSK	1	49	20.63	20.55	20.77				22	1.5
10 QPSK	1	99	20.45	20.49	20.94					
10 QPSK	50	0	19.59	19.79	19.56					
10 QPSK	50	24	19.67	19.64	19.62				21	2.5
10 QPSK	50	50	19.61	19.64	19.72					
20 QPSK	100	0	19.61	19.62	19.56					
20 QPSK	1	49	17.58	17.51	17.53				19	4.5
20 QPSK	1	99	17.64	17.73	17.77					
20 QPSK	50	0	17.52	17.51	17.59					
20 QPSK	50	24	17.57	17.62	17.58				19	4.5
20 QPSK	50	50	17.60	17.58	17.57					
20 QPSK	100	0	17.60	17.57	17.60					
Channel	1880	1880	1880	1880	1880	1880				
Frequency [MHz]	1880	1880	1880	1880	1880	1880				
15 QPSK	1	0	22.15	22.20	22.15				23.5	0
15 QPSK	1	99	22.09	22.18	22.18					
10 QPSK	1	74	22.09	22.03	22.04					
10 QPSK	50	0	21.68	21.67	21.69				23	0.5
10 QPSK	50	24	21.66	21.61	21.61					
10 QPSK	50	50	21.66	21.68	21.61					
10 QPSK	100	0	21.62	21.62	21.73					
15 QPSK	1	0	21.60	21.60	21.58				23	0.5
15 QPSK	1	37	21.53	21.46	21.53					
15 QPSK	1	99	21.57	21.51	21.56					
15 QPSK	50	0	20.92	20.89	20.85					
15 QPSK	50	24	20.94	20.49	20.93				22	1.5
15 QPSK	50	50	20.94	20.94	20.94					
15 QPSK	100	0	20.94	20.94	20.94					
15 QPSK	1	0	20.33	20.49	20.39				22	1.5
15 QPSK	1	49	20.45	20.49	20.74					
15 QPSK	1	99	20.35	20.32	20.43					
15 QPSK	50	0	19.47	19.67	19.35				21	2.5
15 QPSK	50	24	19.59	19.64	19.69					
15 QPSK	50	50	19.45	19.55	19.72					
15 QPSK	50	99	19.61	19.64	19.65					
15 QPSK	100	0	19.53	19.63	19.53					
20 QPSK	1	37	17.42	17.50	17.53				19	4.5
20 QPSK	1	74	17.49	17.60	17.76					
20 QPSK	50	0	17.35	17.43	17.46					
20 QPSK	50	24	17.43	17.42	17.42				19	4.5
20 QPSK	50	50	17.46	17.58	17.37					
20 QPSK	100	0	17.46	17.55	17.42					
Channel	1880	1880	1880	1880	1880	1880				
Frequency [MHz]	1880	1880	1880	1880	1880	1880				
10 QPSK	1	0	22.17	22.20	22.15				23.5	0
10 QPSK	1	99	22.18	22.09	22.08					
10 QPSK	50	0	21.71	21.65	21.68				23	0.5
10 QPSK	50	24	21.71	21.65	21.68					
10 QPSK	50	50	21.67	21.60	21.61					
10 QPSK	100	0	21.49	21.45	21.59				23	0.5
10 QPSK	1	25	21.46	21.51	21.53					
10 QPSK	1	99	21.49	21.45	21.59					
10 QPSK	50	0	20.95	20.92	20.98					
10 QPSK	50	24	20.97	20.93	20.91				22	1.5
10 QPSK	50	50	20.98	20.98	20.98					
10 QPSK	100	0	20.98	20.98	20.98					
10 QPSK	1	0	20.39	20.69	20.47				22	1.5
10 QPSK	1	49	20.52	20.52	20.60					
10 QPSK	1	99	20.25	20.24	20.47					
10 QPSK	50	0	19.51	19.59	19.51					
10 QPSK	50	24	19.58	19.52	19.52				21	2.5
10 QPSK	50	50	19.49	19.44	19.52					
10 QPSK	50	99	19.58	19.58	19.40					
20 QPSK	1	25	17.36	17.31	17.50				19	4.5
20 QPSK	1	49	17.46	17.52	17.67					
20 QPSK	50	0	17.34	17.43	17.43					
20 QPSK	50	24	17.37	17.51	17.35				19	4.5
20 QPSK	50	50	17.38	17.59	17.37					
20 QPSK	100	0	17.38	17.59	17.37					
Channel	1880	1880	1880	1880	1880	1880				
Frequency [MHz]	1880	1880	1880	1880	1880	1880				
5 QPSK	1	0	22.19	22.15	22.09				23.5	0
5 QPSK	1	12	22.19	22.07	22.15					
5 QPSK	1	24	22.05	21.96	22.09					
5 QPSK	12	0	21.48	21.48	21.48				23	0.5
5 QPSK	12	7	21.65	21.52	21.44					
5 QPSK	12	13	21.65	21.47	21.48					
5 QPSK	12	19	21.74	21.75	21.62					
5 QPSK	1	0	21.64	21.62	21.59				23	0.5
5 QPSK	1	12	21.47	21.53	21.43					
5 QPSK	1	24	21.53	21.57	21.58					
5 QPSK	12	0	20.68	20.66	20.69					
5 QPSK	12	7	20.65	20.47	20.74				22	1.5
5 QPSK	12	13	20.63	20.43	20.41					
5 QPSK	12	19	20.60	20.48	20.52					
5 QPSK	1	0	20.45	20.64	20.45				22	1.5
5 QPSK	1	12	20.51	20.59	20.47					
5 QPSK	1	24	20.40	20.19	20.42					
5 QPSK	12	0	19.58	19.70	19.44					
5 QPSK	12	7	19.65	19.63	19.47				21	2.5
5 QPSK	12	13	19.60	19.62	19.60					
5 QPSK	12	19	19.51	19.43	19.40					
5 QPSK	1	0	17.34	17.71	17.55					
5 QPSK	1	12	17.43	17.94	17.47				19	4.5
5 QPSK	1	24	17.46	17.67	17.68					
5 QPSK	12	0	17.31	17.64	17.58					
5 QPSK	12	7	17.32	17.43	17.46				19	4.5
5 QPSK	12	13	17.46	17.46	17.41					
5 QPSK	12	19	17.54	17.49	17.58					
Channel	1880	1880	1880	1880	1880	1880				
Frequency [MHz]	1880	1880	1880	1880	1880	1880				
3 QPSK	1	0	22.18	22.15	22.09				23.5	0
3 QPSK	1	14	22.19	21.99	22.12					
3 QPSK	1	28	22.09	21.77	21.46					
3 QPSK	8	4	21.59	21.64	21.37				23	0.5
3 QPSK	8	7	21.58	21.46	21.42					
3 QPSK	8	15	21.58	21.58	21.55					
3 QPSK	1	0	21.61	21.57	21.56				23	0.5
3 QPSK	1	8	21.61	21.56	21.59					
3 QPSK	1	16	21.52	21.44	21.43					
3 QPSK	8	4	20.69	20.47	20.69				22	1.5
3 QPSK	8	7	20.48	20.31	20.44					
3 QPSK	8	15	20.45	20.37	20.45					
3 QPSK	1	0	20.42	20.59	20.43				22	1.5
3 QPSK	1	8	20.37	20.53	20.73					
3 QPSK	1	16	20.30	20.26	20.29					
3 QPSK	8	4	19.60	19.77	19.41					
3 QPSK	8	7	19.67	19.68	19.51				21	2.5
3 QPSK	8	15	19.47	19.45	19.51					
3 QPSK	1	0	17.37	17.63	17.41					
3 QPSK	1	8	17.42	17.41	17.56				19	4.5
3 QPSK	1	16	17.47	17.73	17.59					
3 QPSK	8	4	17.65	17.51	17.51					
3 QPSK	8	7	17.49	17.49	17.55				19	4.5
3 QPSK	8	15	17.59	17.59	17.42					
3 QPSK	16	0	17.62	17.51	17.41					
Channel	1880	1880	1880	1880	1880	1880				
Frequency [MHz]	1880	1880	1880	1880	1880	1880				
1.4 QPSK	1	0	21.97	22.10	22.05				23.5	0
1.4 QPSK	1	3	22.17	22.13	22.10					
1.4 QPSK	1	6	22.09	21.99	22.09					
1.4 QPSK	3	0	22.09	22.09	22.09				23	0.5
1.4 QPSK	3	1	22.00	22.11	22.15					
1.4 QPSK	3	3	22.19	22.00	22.15					
1.4 QPSK	6	0	21.65	21.68	21.56				23	0.5
1.4 QPSK	6	1								

Band 38 Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR			
Channel				37650	38000	38150					
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	22.80	23.08	23.01	24	0			
20	QPSK	1	49	22.75	22.92	22.81					
20	QPSK	1	99	22.84	22.71	22.66	23	1			
20	QPSK	50	0	21.79	22.07	21.98					
20	QPSK	50	24	21.89	21.95	21.68	23	1			
20	QPSK	50	50	21.70	21.67	22.00					
20	QPSK	100	0	21.99	22.12	21.83	22	2			
20	16QAM	1	0	21.75	21.60	21.91					
20	16QAM	1	49	21.61	21.98	21.83	23	1			
20	16QAM	1	99	21.89	21.86	21.59					
20	16QAM	50	0	20.75	20.71	20.83	22	2			
20	16QAM	50	24	20.85	20.48	20.79					
20	16QAM	50	50	20.86	20.50	20.62	22	2			
20	16QAM	100	0	20.45	20.74	20.50					
20	64QAM	1	0	20.54	20.55	20.71	22	2			
20	64QAM	1	49	20.52	20.67	20.65					
20	64QAM	1	99	20.66	20.58	20.93	21	3			
20	64QAM	50	0	19.66	19.65	19.84					
20	64QAM	50	24	19.74	19.81	19.55	21	3			
20	64QAM	50	50	19.71	19.60	19.97					
20	64QAM	100	0	19.60	19.76	19.55	19	5			
20	256QAM	1	0	17.81	17.77	17.65					
20	256QAM	1	49	17.72	17.71	17.80	19	5			
20	256QAM	1	99	17.58	17.62	17.61					
20	256QAM	50	0	17.70	17.63	17.58	19	5			
20	256QAM	50	24	17.92	17.74	17.76					
20	256QAM	50	50	17.62	17.68	17.68	20	2			
20	256QAM	100	0	17.71	17.76	17.93					
Channel				37625	38000	38175	Tune-up limit			MPR	
Frequency (MHz)				2577.5	2595	2612.5	(dBm)			(dB)	
15	QPSK	1	0	22.97	23.05	23.00	24	0			
15	QPSK	1	37	22.79	22.76	22.86					
15	QPSK	1	74	22.65	22.74	22.74	23	1			
15	QPSK	36	0	21.87	21.96	21.94					
15	QPSK	36	20	21.95	21.92	21.85	23	1			
15	QPSK	36	39	21.77	21.77	21.96					
15	QPSK	75	0	21.82	22.07	21.89	23	1			
15	16QAM	1	0	21.77	21.99	22.03					
15	16QAM	1	37	21.62	21.93	22.00	23	1			
15	16QAM	1	74	21.83	21.83	21.81					
15	16QAM	36	0	20.59	20.82	20.74	22	2			
15	16QAM	36	20	20.87	20.35	20.74					
15	16QAM	36	39	20.80	20.71	20.75	22	2			
15	16QAM	75	0	20.58	20.87	20.65					
15	64QAM	1	0	20.45	20.77	20.49	22	2			
15	64QAM	1	37	20.50	20.78	20.70					
15	64QAM	1	74	20.65	20.72	20.90	21	3			
15	64QAM	36	0	19.72	19.74	19.71					
15	64QAM	36	20	19.89	19.71	19.64	21	3			
15	64QAM	36	39	19.61	19.53	19.85					
15	64QAM	75	0	19.74	19.70	19.70	19	5			
15	256QAM	1	0	17.88	17.78	17.67					
15	256QAM	1	37	17.82	17.81	17.73	19	5			
15	256QAM	1	74	17.58	17.76	17.64					
15	256QAM	36	0	17.61	17.88	17.63	19	5			
15	256QAM	36	20	17.83	17.90	17.77					
15	256QAM	36	39	17.61	17.76	17.54	19	5			
15	256QAM	75	0	17.76	17.71	17.78					
Channel				37900	38000	38200	Tune-up limit			MPR	
Frequency (MHz)				2575	2595	2615	(dBm)			(dB)	
10	QPSK	1	0	22.85	23.02	23.03	24	0			
10	QPSK	1	25	22.76	22.72	22.89					
10	QPSK	1	49	22.64	22.77	22.70	23	1			
10	QPSK	25	0	21.84	22.07	21.78					
10	QPSK	25	12	21.87	21.90	21.90	23	1			
10	QPSK	25	25	21.88	21.63	21.97					
10	QPSK	50	0	21.85	22.11	21.88	23	1			
10	16QAM	1	0	21.80	21.89	21.92					
10	16QAM	1	25	21.63	21.98	21.98	23	1			
10	16QAM	1	49	21.96	21.85	21.71					
10	16QAM	25	0	20.65	20.68	20.88	22	2			
10	16QAM	25	12	20.71	20.42	20.70					
10	16QAM	25	25	20.82	20.47	20.80	22	2			
10	16QAM	50	0	20.66	20.91	20.57					
10	64QAM	1	0	20.56	20.59	20.72	22	2			
10	64QAM	1	25	20.56	20.73	20.68					
10	64QAM	1	49	20.57	20.59	20.72	21	3			
10	64QAM	25	0	19.82	19.72	19.77					
10	64QAM	25	12	19.84	19.63	19.61	21	3			
10	64QAM	25	25	19.69	19.69	19.95					
10	64QAM	50	0	19.64	19.61	19.70	19	5			
10	256QAM	1	0	17.82	17.77	17.62					
10	256QAM	1	25	17.73	17.89	17.70	19	5			
10	256QAM	1	49	17.51	17.72	17.71					
10	256QAM	25	0	17.71	17.94	17.61	19	5			
10	256QAM	25	12	17.99	17.76	17.73					
10	256QAM	25	25	17.77	17.75	17.59	19	5			
10	256QAM	50	0	17.65	17.79	17.89					
Channel				37775	38000	38225	Tune-up limit			MPR	
Frequency (MHz)				2572.5	2595	2617.5	(dBm)			(dB)	
5	QPSK	1	0	22.78	22.95	22.96	24	0			
5	QPSK	1	12	22.90	22.89	22.82					
5	QPSK	1	24	22.68	22.79	22.84	23	1			
5	QPSK	12	0	21.83	21.96	21.83					
5	QPSK	12	7	21.90	21.94	21.83	23	1			
5	QPSK	12	13	21.89	21.96	21.97					
5	QPSK	25	0	21.77	21.96	21.83	23	1			
5	16QAM	1	0	21.86	21.98	21.91					
5	16QAM	1	12	21.80	21.78	22.04	23	1			
5	16QAM	1	24	22.00	21.80	21.60					
5	16QAM	12	0	20.72	20.77	20.72	22	2			
5	16QAM	12	7	20.86	20.58	20.74					
5	16QAM	12	13	20.81	20.66	20.73	22	2			
5	16QAM	25	0	20.47	20.75	20.40					
5	64QAM	1	0	20.64	20.56	20.52	22	2			
5	64QAM	1	12	20.49	20.62	20.70					
5	64QAM	1	24	20.59	20.66	20.91	21	3			
5	64QAM	12	0	19.71	19.74	19.89					
5	64QAM	12	7	19.92	19.81	19.75	21	3			
5	64QAM	12	13	19.76	19.55	19.94					
5	64QAM	25	0	19.59	19.72	19.66	19	5			
5	256QAM	1	0	17.73	17.84	17.46					
5	256QAM	1	12	17.73	17.75	17.85	19	5			
5	256QAM	1	24	17.66	17.71	17.77					
5	256QAM	12	0	17.65	17.80	17.65	19	5			
5	256QAM	12	7	18.00	17.94	17.86					
5	256QAM	12	13	17.66	17.77	17.63	19	5			
5	256QAM	25	0	17.78	17.75	17.80					

Band 41 Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Mid Ch. / Freq	Power High Ch. / Freq	Power High Mid Ch. / Freq	Power High Ch. / Freq	Power High Mid Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel											
Frequency (MHz)											
20	QPSK	1	0	23.06	23.00	23.11	22.92	23.08			
20	QPSK	1	49	22.55	22.95	22.73	22.95	22.82	24		0
20	QPSK	1	99	22.70	22.55	22.75	22.71	22.69			
20	QPSK	50	0	21.60	21.94	22.00	21.69	21.91			
20	QPSK	50	0	21.86	21.77	21.81	21.83	21.79	23		1
20	QPSK	50	50	20.56	21.44	21.52	21.85	21.92			
20	QPSK	100	0	21.60	21.61	21.79	21.68	21.68			
20	16QAM	1	0	21.49	21.65	21.69	21.61	21.46			
20	16QAM	1	49	21.55	21.86	21.48	21.89	21.59	23		1
20	16QAM	1	99	21.85	21.76	21.68	21.61	21.71			
20	64QAM	50	0	20.53	20.50	20.85	20.59	20.57			
20	16QAM	50	24	20.66	20.75	20.57	20.51	20.49	22		2
20	16QAM	50	50	20.73	20.74	20.71	20.39	20.77			
20	16QAM	100	0	20.60	20.56	20.49	20.62	20.60			
20	64QAM	1	0	20.38	20.59	20.59	20.30	20.57			
20	64QAM	1	49	20.53	20.51	20.79	20.51	20.60	22		2
20	64QAM	1	99	20.63	20.53	20.84	20.68	20.71			
20	64QAM	50	0	19.56	19.94	19.71	19.71	19.53			
20	64QAM	50	24	19.60	19.59	19.84	19.60	19.64	21		3
20	64QAM	50	50	19.74	19.29	19.57	19.49	19.70			
20	64QAM	100	0	19.81	19.44	19.37	19.51	19.61			
20	QPSK	1	0	17.60	17.61	17.72	17.53	17.53	19		5
20	256QAM	1	49	17.58	17.46	17.74	17.59	17.88			
20	256QAM	1	99	17.53	17.61	17.46	17.59	17.66			
20	256QAM	50	0	17.67	17.96	17.63	17.84	17.66			
20	256QAM	50	24	17.56	17.60	17.62	17.88	17.48	19		5
20	256QAM	50	50	17.65	17.63	17.64	17.73	17.53			
20	256QAM	100	0	17.62	17.95	17.71	17.84	18.06			
Channel											
Frequency (MHz)											
2503.5 2504.3 2505.0 2505.7 2506.4 2507.1											
15	QPSK	1	0	22.92	22.83	22.91	22.84	22.86			
15	QPSK	1	37	22.51	22.93	22.60	22.92	22.61	24		0
15	QPSK	1	74	22.69	22.67	22.65	22.71	22.67			
15	QPSK	36	0	21.40	21.92	21.89	21.58	21.87			
15	QPSK	36	20	21.84	21.71	21.77	21.73	21.72	23		1
15	QPSK	36	39	21.39	21.42	21.69	21.68	21.87			
15	QPSK	75	0	21.42	21.54	21.79	21.59	21.69			
15	16QAM	1	0	21.34	21.66	21.68	21.51	21.37	23		1
15	16QAM	1	37	21.34	21.71	21.39	21.76	21.41			
15	16QAM	1	74	21.86	21.54	21.61	21.51	21.70			
15	16QAM	36	0	20.47	20.45	20.67	20.56	20.57			
15	16QAM	36	20	20.58	20.64	20.57	20.31	20.49	22		2
15	16QAM	36	39	20.63	20.54	20.71	20.28	20.58			
15	16QAM	75	0	20.38	20.38	20.39	20.28	20.37			
15	64QAM	1	0	20.38	20.58	20.39	20.29	20.43			
15	64QAM	1	37	20.32	20.39	20.69	20.46	20.42	22		2
15	64QAM	1	74	20.44	20.31	20.81	20.62	20.71			
15	64QAM	36	0	19.50	19.86	19.55	19.72	19.47			
15	64QAM	36	20	19.61	19.61	19.65	19.57	19.58	21		3
15	64QAM	36	39	19.62	19.13	19.39	19.36	19.32			
15	64QAM	75	0	19.78	19.27	19.27	19.40	19.53			
15	256QAM	1	0	17.43	17.73	17.67	17.38	17.34			
15	256QAM	1	37	17.46	17.32	17.64	17.41	17.48	19		5
15	256QAM	1	74	17.35	17.47	17.25	17.45	17.65			
15	256QAM	36	0	17.51	17.60	17.45	17.71	17.58			
15	256QAM	36	20	17.51	17.42	17.60	17.75	17.37	19		5
15	256QAM	36	39	17.63	17.57	17.48	17.72	17.37			
15	256QAM	75	0	17.62	17.82	17.67	17.48	18.05			
Channel											
Frequency (MHz)											
2501.0 2547.0 2593.0 2639.0 2685.0											
10	QPSK	1	0	22.67	22.84	22.94	22.90	23.00	24		0
10	QPSK	1	25	22.49	22.95	22.56	22.83	22.77			
10	QPSK	1	49	22.70	22.48	22.68	22.60	22.56			
10	QPSK	25	0	21.50	21.86	21.93	21.63	21.72			
10	QPSK	25	12	21.77	21.76	21.63	21.77	21.75	23		1
10	QPSK	25	25	21.32	21.95	21.79	21.78	21.74			
10	QPSK	36	0	21.46	21.62	21.66	21.62	21.61			
10	16QAM	1	0	21.30	21.45	21.62	21.54	21.35			
10	16QAM	1	25	21.52	21.83	21.39	21.89	21.38	23		1
10	16QAM	1	49	21.72	21.74	21.62	21.60	21.70			
10	16QAM	25	0	20.53	20.40	20.84	20.58	20.60			
10	16QAM	25	12	20.53	20.69	20.69	20.47	20.37	22		2
10	16QAM	25	25	20.72	20.67	20.59	20.31	20.61			
10	16QAM	50	0	20.47	20.45	20.43	20.44	20.40			
10	64QAM	1	0	20.35	20.38	20.48	20.09	20.43			
10	64QAM	1	25	20.41	20.41	20.59	20.34	20.45	22		2
10	64QAM	1	49	20.42	20.33	20.81	20.61	20.58			
10	64QAM	25	12	19.41	19.83	19.73	19.64	19.62			
10	64QAM	25	12	19.52	19.55	19.74	19.48	19.58	21		3
10	64QAM	25	25	19.75	19.13	19.57	19.41	19.61			
10	64QAM	50	0	19.75	19.27	19.16	19.33	19.58			
10	256QAM	1	0	17.48	17.69	17.55	17.35	17.32			
10	256QAM	1	25	17.37	17.39	17.71	17.49	17.88	19		5
10	256QAM	1	31	17.31	17.54	17.47	17.52	17.57			
10	256QAM	25	0	17.53	17.94	17.61	17.86	17.51			
10	256QAM	25	12	17.46	17.44	17.59	17.87	17.29	19		5
10	256QAM	25	25	17.59	17.44	17.53	17.63	17.38			
10	256QAM	50	0	17.54	17.75	17.50	17.65	17.56			
Channel											
Frequency (MHz)											
2501.5 2545.8 2590.3 2634.30 2687.5											
5	QPSK	1	0	22.89	22.82	23.03	22.83	22.89	24		0
5	QPSK	1	12	22.54	22.74	22.69	22.84	22.76			
5	QPSK	1	24	22.60	22.42	22.61	22.61	22.59			
5	QPSK	12	0	21.54	21.85	21.96	21.59	21.77			
5	QPSK	12	0	21.71	21.61	21.82	21.78	21.80	23		1
5	QPSK	12	13	21.27	21.39	21.65	21.67	21.71			
5	QPSK	25	0	21.54	21.48	21.82	21.66	21.59			
5	16QAM	1	0	21.35	21.67	21.55	21.55	21.46			
5	16QAM	1	12	21.41	21.72	21.47	21.90	21.52	23		1
5	16QAM	1	24	21.71	21.74	21.69	21.59	21.58			
5	16QAM	12	0	20.53	20.38	20.70	20.59	20.84			
5	16QAM	12	7	20.45	20.63	20.49	20.36	20.35	22		2
5	16QAM	12	13	20.62	20.69	20.68	20.27	20.65			
5	16QAM	25	0	20.53	20.53	20.31	20.45	20.58			
5	64QAM	1	0	20.25	20.39	20.39	20.09	20.42	22		2
5	64QAM	1	12	20.35	20.40	20.76	20.44	20.48			
5	64QAM	1	24	20.64	20.43	20.83	20.70	20.69			
5	64QAM	12	0	19.49	19.87	19.64	19.71	19.32			
5	64QAM	12	7	19.53	19.56	19.73	19.54	19.48			
5	64QAM	12	13	19.53	19.27	19.37	19.39	19.66	21		3
5	64QAM	25	0	19.75	19.25	19.27	19.49	19.48			
5	256QAM	1	0	17.48	17.69	17.68	17.32	17.50			
5	256QAM	1	12	17.52	17.42	17.72	17.49	17.80	19		5
5	256QAM	1	24	17.48	17.39	17.25	17.52	17.47			
5	256QAM	12	0	17.69	17.79	17.42	17.64	17.52			
5	256QAM	25	0	17.58	17.43	17.45	17.68	17.48	19		5
5	256QAM	25	0	17.63	17.63	17.63	17.64	17.42			
5	256QAM	50	0	17.49	17.74	17.55	17.49	17.51			

Band 5 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				20450	20525	20600					
Frequency (MHz)				829	836.5	844					
10	QPSK	1	0	21.70	21.87	21.64	22.7	0			
10	QPSK	1	25	21.48	21.37	21.40					
10	QPSK	1	49	21.41	21.80	21.51					
10	QPSK	25	0	21.55	21.79	21.50	22.7	0			
10	QPSK	25	12	21.59	21.73	21.61					
10	QPSK	25	25	21.58	21.72	21.52					
10	QPSK	50	0	21.66	21.69	21.58	22.7	0			
10	16QAM	1	0	21.64	21.78	21.65					
10	16QAM	1	25	21.64	21.66	21.49					
10	16QAM	1	49	21.60	21.82	21.52	22	0.7			
10	16QAM	25	0	20.85	20.89	20.72					
10	16QAM	25	12	20.94	21.17	20.91					
10	16QAM	25	25	20.76	20.95	20.76	21	1.7			
10	16QAM	50	0	20.86	21.07	20.85					
10	64QAM	1	0	21.14	21.06	20.83					
10	64QAM	1	25	21.01	21.18	20.98	22	0.7			
10	64QAM	1	49	21.03	20.90	20.98					
10	64QAM	25	0	20.09	20.02	19.92					
10	64QAM	25	12	20.05	20.11	19.75	21	1.7			
10	64QAM	25	25	20.16	20.11	19.93					
10	64QAM	50	0	20.24	20.05	20.15					
10	256QAM	1	0	18.08	18.02	18.16	19	3.7			
10	256QAM	1	25	18.10	18.26	18.07					
10	256QAM	1	49	17.91	17.95	18.03					
10	256QAM	25	0	17.84	18.21	18.02	19	3.7			
10	256QAM	25	12	18.08	17.85	17.84					
10	256QAM	25	25	17.89	18.10	18.04					
10	256QAM	50	0	18.12	18.12	17.95					
Channel				20425	20525	20625	Tune-up limit (dBm)		MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5					
5	QPSK	1	0	21.60	21.67	21.61	22.7	0			
5	QPSK	1	12	21.46	21.16	21.28					
5	QPSK	1	24	21.30	21.67	21.46					
5	QPSK	12	0	21.40	21.60	21.35	22.7	0			
5	QPSK	12	7	21.50	21.59	21.50					
5	QPSK	12	13	21.48	21.60	21.51					
5	QPSK	25	0	21.65	21.46	21.44	22.7	0			
5	16QAM	1	0	21.50	21.63	21.51					
5	16QAM	1	12	21.46	21.66	21.40					
5	16QAM	1	24	21.58	21.77	21.35	22	0.7			
5	16QAM	12	0	20.66	20.80	20.64					
5	16QAM	12	7	20.89	20.99	20.90					
5	16QAM	12	13	20.60	20.83	20.71	22	0.7			
5	16QAM	25	0	20.87	21.09	20.87					
5	64QAM	1	0	21.02	20.86	20.78					
5	64QAM	1	12	20.87	20.98	21.00	21	1.7			
5	64QAM	1	24	20.90	20.84	20.81					
5	64QAM	12	0	19.91	19.82	19.78					
5	64QAM	12	7	20.07	19.96	19.77	19	3.7			
5	64QAM	12	13	20.16	19.97	19.91					
5	64QAM	25	0	20.17	19.84	20.00					
5	256QAM	1	0	17.95	17.87	18.15	19	3.7			
5	256QAM	1	12	18.00	18.13	17.94					
5	256QAM	1	24	17.69	17.95	17.83					
5	256QAM	12	0	17.71	18.09	18.01	19	3.7			
5	256QAM	12	7	18.04	17.76	17.77					
5	256QAM	12	13	17.73	18.09	17.96					
5	256QAM	25	0	17.97	18.05	17.92					
Channel				20415	20525	20635	Tune-up limit (dBm)		MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5					
3	QPSK	1	0	21.72	21.66	21.63	22.7	0			
3	QPSK	1	8	21.30	21.37	21.35					
3	QPSK	1	14	21.23	21.64	21.34					
3	QPSK	8	0	21.36	21.71	21.32	22.7	0			
3	QPSK	8	4	21.40	21.58	21.47					
3	QPSK	8	7	21.48	21.84	21.44					
3	QPSK	15	0	21.67	21.59	21.57	22.7	0			
3	16QAM	1	0	21.52	21.68	21.54					
3	16QAM	1	8	21.65	21.44	21.43					
3	16QAM	1	14	21.51	21.71	21.44	22	0.7			
3	16QAM	8	0	20.71	20.78	20.66					
3	16QAM	8	4	20.77	21.07	20.87					
3	16QAM	8	7	20.70	20.93	20.76	22	0.7			
3	16QAM	15	0	20.84	20.86	20.70					
3	64QAM	1	0	20.97	20.87	20.87					
3	64QAM	1	8	20.94	20.96	20.92	22	0.7			
3	64QAM	1	14	20.97	20.90	20.89					
3	64QAM	8	0	19.94	19.83	19.86					
3	64QAM	8	4	19.90	19.99	19.57	21	1.7			
3	64QAM	8	7	19.94	20.06	19.91					
3	64QAM	15	0	20.10	19.96	19.93					
3	256QAM	1	0	18.08	17.84	17.99	19	3.7			
3	256QAM	1	8	18.05	18.05	17.91					
3	256QAM	1	14	17.91	17.84	17.85					
3	256QAM	8	0	17.69	18.12	17.99	19	3.7			
3	256QAM	8	4	17.90	17.82	17.75					
3	256QAM	8	7	17.80	18.09	17.91					
3	256QAM	15	0	18.12	17.94	17.79					
Channel				20407	20525	20643	Tune-up limit (dBm)		MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3					
1.4	QPSK	1	0	21.64	21.72	21.64	22.7	0			
1.4	QPSK	1	3	21.29	21.24	21.22					
1.4	QPSK	1	5	21.37	21.65	21.35					
1.4	QPSK	3	0	21.38	21.80	21.45	22.7	0			
1.4	QPSK	3	1	21.44	21.57	21.51					
1.4	QPSK	3	3	21.46	21.51	21.47					
1.4	QPSK	6	0	21.47	21.57	21.45	22.7	0			
1.4	16QAM	1	0	21.45	21.71	21.62					
1.4	16QAM	1	3	21.49	21.45	21.45					
1.4	16QAM	1	5	21.39	21.80	21.32	22.7	0			
1.4	16QAM	3	0	21.68	21.70	21.65					
1.4	16QAM	3	1	21.42	21.38	21.32					
1.4	16QAM	3	3	21.30	21.65	21.32	22	0.7			
1.4	16QAM	6	0	20.71	21.04	20.73					
1.4	64QAM	1	0	21.15	20.97	20.83					
1.4	64QAM	1	3	20.87	21.20	20.87	22	0.7			
1.4	64QAM	1	5	20.99	20.85	20.97					
1.4	64QAM	3	0	20.92	21.13	20.73					
1.4	64QAM	3	1	20.70	20.81	20.70	21	1.7			
1.4	64QAM	3	3	20.73	20.95	20.79					
1.4	256QAM	1	0	17.96	18.01	18.06	19	3.7			
1.4	256QAM	1	3	18.10	18.10	17.94					
1.4	256QAM	1	5	17.71	17.86	18.02					
1.4	256QAM	3	0	17.91	18.03	17.98	19	3.7			
1.4	256QAM	3	1	18.06	17.96	17.98					
1.4	256QAM	3	3	17.83	17.92	18.02					
1.4	256QAM	6	0	18.02	17.97	18.08	19	3.7			

Reduced Power Mode for DSI6_Other PA

Band 5 Ant 0											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)			
Channel				820.5	836.5	844					
Frequency (MHz)				820.5	836.5	844					
10	QPSK	1	0	22.73	22.93	22.77	24	0			
10	QPSK	1	25	22.48	22.72	22.72					
10	QPSK	1	49	22.73	22.77	22.77					
10	QPSK	25	0	21.89	21.94	21.91					
10	QPSK	25	12	21.85	21.76	21.91					
10	QPSK	25	25	21.86	21.85	21.87	23	1			
10	QPSK	50	0	21.72	21.99	21.78					
10	16QAM	1	0	21.78	22.05	21.83					
10	16QAM	1	25	21.84	21.75	21.95					
10	16QAM	1	49	21.89	21.83	21.91					
10	16QAM	25	0	21.01	20.88	20.87	22	2			
10	16QAM	25	12	20.85	20.88	20.88					
10	16QAM	25	25	20.90	20.76	20.75					
10	16QAM	50	0	20.90	20.69	21.02					
10	64QAM	1	0	20.94	20.93	20.80					
10	64QAM	1	25	20.89	20.81	20.89	22	2			
10	64QAM	1	49	20.93	20.71	20.72					
10	64QAM	25	0	19.77	19.75	19.83					
10	64QAM	25	12	19.79	19.77	20.05					
10	64QAM	25	25	19.75	19.83	19.81					
10	64QAM	50	0	19.75	19.68	19.89	21	3			
10	256QAM	1	0	17.94	17.97	17.85					
10	256QAM	1	25	18.01	17.91	18.04					
10	256QAM	1	49	18.01	17.71	17.81					
10	256QAM	25	0	17.75	17.82	17.81					
10	256QAM	25	12	18.07	17.71	17.97	19	5			
10	256QAM	25	25	17.85	17.73	17.85					
10	256QAM	50	0	17.91	17.96	17.83					
Channel				820.5	836.5	845.5	turn-up limit (dBm)				MPR (dB)
Frequency (MHz)				820.5	836.5	845.5	turn-up limit (dBm)				MPR (dB)
5	QPSK	1	0	22.62	22.75	22.65	24	0			
5	QPSK	1	12	22.45	22.64	22.72					
5	QPSK	1	24	22.71	22.65	22.76					
5	QPSK	12	0	21.84	21.80	21.74					
5	QPSK	12	7	21.80	21.87	21.92					
5	QPSK	12	13	21.80	21.69	21.78	23	1			
5	QPSK	25	0	21.54	21.86	21.65					
5	16QAM	1	0	21.58	21.89	21.64					
5	16QAM	1	12	21.84	21.60	21.79					
5	16QAM	1	24	21.69	21.81	21.76					
5	16QAM	12	0	20.67	20.68	20.61	22	2			
5	16QAM	12	7	20.85	20.82	20.89					
5	16QAM	12	13	20.69	20.75	20.58					
5	16QAM	25	0	20.76	20.70	20.94					
5	64QAM	1	0	20.91	20.78	20.81					
5	64QAM	1	12	20.77	20.69	20.68	22	2			
5	64QAM	1	24	20.91	20.53	20.65					
5	64QAM	12	0	19.76	19.54	19.59					
5	64QAM	12	7	19.76	19.77	19.92					
5	64QAM	12	13	19.84	19.72	19.83					
5	64QAM	25	0	19.71	19.67	19.76	21	3			
5	256QAM	1	0	17.79	17.92	17.87					
5	256QAM	1	12	17.95	17.80	18.06					
5	256QAM	1	24	18.01	17.73	17.85					
5	256QAM	12	0	17.66	17.62	17.73					
5	256QAM	12	7	17.94	17.70	17.88	19	5			
5	256QAM	12	13	17.84	17.59	17.78					
5	256QAM	25	0	17.75	17.58	17.82					
Channel				820.5	836.5	847.5	turn-up limit (dBm)				MPR (dB)
Frequency (MHz)				820.5	836.5	847.5	turn-up limit (dBm)				MPR (dB)
3	QPSK	1	0	22.61	22.87	22.75	24	0			
3	QPSK	1	8	22.39	22.71	22.71					
3	QPSK	1	14	22.53	22.57	22.71					
3	QPSK	8	0	21.84	21.90	21.80					
3	QPSK	8	4	21.69	21.67	21.86					
3	QPSK	8	7	21.85	21.70	21.86	23	1			
3	QPSK	15	0	21.51	21.96	21.89					
3	16QAM	1	0	21.74	21.87	21.63					
3	16QAM	1	8	21.85	21.54	21.96					
3	16QAM	1	14	21.70	21.82	21.74					
3	16QAM	8	0	20.79	20.81	20.72	22	2			
3	16QAM	8	4	20.70	20.75	20.73					
3	16QAM	15	0	20.79	20.66	20.95					
3	64QAM	1	0	20.81	20.78	20.78					
3	64QAM	1	8	20.69	20.75	20.73					
3	64QAM	1	14	20.89	20.54	20.73	22	2			
3	64QAM	8	0	19.70	19.74	19.58					
3	64QAM	8	4	19.70	19.75	20.06					
3	64QAM	8	7	19.68	19.73	19.76					
3	64QAM	15	0	19.77	19.61	19.84					
3	256QAM	1	0	17.79	17.94	17.80	21	3			
3	256QAM	1	8	17.97	17.71	18.00					
3	256QAM	1	14	17.88	17.73	17.74					
3	256QAM	8	0	17.76	17.72	17.78					
3	256QAM	8	4	17.89	17.51	17.93					
3	256QAM	8	7	17.72	17.74	17.80	19	5			
3	256QAM	15	0	17.71	17.89	17.73					
Channel				2040.7	2052.5	2048.3			turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3	turn-up limit (dBm)		MPR (dB)		
1.4	QPSK	1	0	22.52	22.78	22.76	24		0		
1.4	QPSK	1	3	22.51	22.87	22.74					
1.4	QPSK	1	5	22.44	22.65	22.58					
1.4	QPSK	3	0	22.64	22.89	22.65					
1.4	QPSK	3	1	22.50	22.77	22.54					
1.4	QPSK	3	3	22.59	22.72	22.84	23	1			
1.4	QPSK	6	0	21.91	21.85	21.77					
1.4	16QAM	1	14	21.71	21.87	21.67					
1.4	16QAM	1	3	21.69	21.84	21.76					
1.4	16QAM	1	5	21.85	21.78	21.62					
1.4	16QAM	3	0	21.68	21.72	21.70	23	1			
1.4	16QAM	3	1	21.80	21.79	21.84					
1.4	16QAM	3	3	21.59	21.50	21.59					
1.4	16QAM	6	0	20.67	20.59	20.91					
1.4	64QAM	1	0	20.93	20.81	20.84					
1.4	64QAM	1	3	20.74	20.58	20.86	22	2			
1.4	64QAM	1	5	20.81	20.64	20.62					
1.4	64QAM	3	0	20.77	20.64	20.95					
1.4	64QAM	3	1	20.74	20.78	20.78					
1.4	64QAM	3	3	20.88	20.54	20.86					
1.4	64QAM	6	0	19.59	19.57	19.74	21	3			
1.4	256QAM	1	0	17.94	17.80	17.76					
1.4	256QAM	1	3	18.03	17.79	17.86	19	5			
1.4	256QAM	1	5	17.88	17.81	17.83					
1.4	256QAM	3	0	17.70	17.70	17.81					
1.4	256QAM	3	1	18.02	17.83	17.92					
1.4	256QAM	3	3	17.70	17.63	17.81					
1.4	256QAM	6	0	17.94	17.79	17.89	19	5			



Band 2 Ant 1												
BW (MHz)	Modulation	RIS Size	RIS Offset	Power Min Ch./Freq.	Power Max Ch./Freq.	Power Avg Ch./Freq.	Turn-on Time (sec)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	22.25	22.46	22.35	23.5	0				
20	QPSK	1	49	22.13	22.28	22.20						
20	QPSK	50	0	21.66	21.61	21.66	23	0.5				
20	QPSK	50	24	21.74	21.61	21.68						
20	QPSK	100	0	21.66	21.66	21.66	23	0.5				
20	QPSK	100	49	21.61	21.64	21.64						
20	QPSK	50	99	21.74	21.64	21.73	22	1.5				
20	QPSK	50	0	20.99	20.99	20.99						
20	QPSK	50	24	20.99	20.99	20.99	22	1.5				
20	QPSK	50	99	20.99	20.99	20.99						
20	QPSK	100	0	20.49	20.49	20.52	21	2.5				
20	QPSK	100	49	20.51	20.54	20.57						
20	QPSK	50	99	20.49	20.49	20.49	21	2.5				
20	QPSK	50	24	19.67	19.64	19.64						
20	QPSK	100	99	19.61	19.62	19.56	19	4.5				
20	QPSK	100	0	17.52	17.71	17.72						
20	QPSK	50	99	17.64	17.73	17.77	19	4.5				
20	QPSK	50	0	17.58	17.62	17.66						
20	QPSK	50	99	17.66	17.66	17.67	19	4.5				
20	QPSK	50	99	17.66	17.66	17.67						
Channel												
Frequency (MHz)												
15	QPSK	1	0	22.21	22.28	22.20	23.5	0				
15	QPSK	1	74	22.02	22.04	22.03						
15	QPSK	36	0	21.68	21.67	21.68	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.41	21.41	23	0.5				
15	QPSK	36	99	21.58	21.41	21.41						
15	QPSK	36	99	21.58	21.							

Band 38 Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit				
Channel				37650	38000	38150	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	22.80	23.08	23.01	24	0			
20	QPSK	1	49	22.75	22.92	22.81					
20	QPSK	1	99	22.84	22.71	22.66	23	1			
20	QPSK	50	0	21.79	22.07	21.98					
20	QPSK	50	24	21.89	21.95	21.68	23	1			
20	QPSK	50	50	21.70	21.67	22.00					
20	QPSK	100	0	21.99	22.12	21.83	22	2			
20	16QAM	1	0	21.75	21.60	21.91					
20	16QAM	1	49	21.61	21.98	21.83	23	1			
20	16QAM	1	99	21.89	21.86	21.59					
20	16QAM	50	0	20.75	20.71	20.83	22	2			
20	16QAM	50	24	20.85	20.48	20.79					
20	16QAM	50	50	20.86	20.50	20.62	22	2			
20	16QAM	100	0	20.45	20.74	20.50					
20	64QAM	1	0	20.54	20.55	20.71	22	2			
20	64QAM	1	49	20.52	20.67	20.65					
20	64QAM	1	99	20.66	20.58	20.93	21	3			
20	64QAM	50	0	19.66	19.65	19.84					
20	64QAM	50	24	19.74	19.81	19.55	21	3			
20	64QAM	50	50	19.71	19.60	19.97					
20	64QAM	100	0	19.60	19.76	19.55	19	5			
20	256QAM	1	0	17.81	17.77	17.65					
20	256QAM	1	49	17.72	17.71	17.80	19	5			
20	256QAM	1	99	17.58	17.62	17.61					
20	256QAM	50	0	17.70	17.63	17.58	19	5			
20	256QAM	50	24	17.92	17.74	17.76					
20	256QAM	50	50	17.62	17.68	17.68	20	2			
20	256QAM	100	0	17.71	17.76	17.93					
Channel				37625	38000	38175					
Frequency (MHz)				2577.5	2595	2612.5					
15	QPSK	1	0	22.97	23.05	23.00	24	0			
15	QPSK	1	37	22.79	22.76	22.86					
15	QPSK	1	74	22.65	22.74	22.74	23	1			
15	QPSK	36	0	21.87	21.96	21.94					
15	QPSK	36	20	21.95	21.92	21.85	23	1			
15	QPSK	36	39	21.77	21.77	21.96					
15	QPSK	75	0	21.82	22.07	21.89	23	1			
15	16QAM	1	0	21.77	21.99	22.03					
15	16QAM	1	37	21.62	21.93	22.00	23	1			
15	16QAM	1	74	21.83	21.83	21.81					
15	16QAM	36	0	20.59	20.82	20.74	22	2			
15	16QAM	36	20	20.87	20.35	20.74					
15	16QAM	36	39	20.80	20.71	20.75	22	2			
15	16QAM	75	0	20.58	20.87	20.65					
15	64QAM	1	0	20.45	20.77	20.49	22	2			
15	64QAM	1	37	20.50	20.78	20.70					
15	64QAM	1	74	20.65	20.72	20.90	21	3			
15	64QAM	36	0	19.72	19.74	19.71					
15	64QAM	36	20	19.89	19.71	19.64	21	3			
15	64QAM	36	39	19.61	19.53	19.85					
15	64QAM	75	0	19.74	19.70	19.70	19	5			
15	256QAM	1	0	17.88	17.78	17.67					
15	256QAM	1	37	17.82	17.81	17.73	19	5			
15	256QAM	1	74	17.58	17.76	17.64					
15	256QAM	36	0	17.61	17.88	17.63	19	5			
15	256QAM	36	20	17.83	17.90	17.77					
15	256QAM	36	39	17.61	17.76	17.54	19	5			
15	256QAM	75	0	17.76	17.71	17.78					
Channel				37900	38000	38200					
Frequency (MHz)				2575	2595	2615					
10	QPSK	1	0	22.85	23.02	23.03	24	0			
10	QPSK	1	25	22.76	22.72	22.89					
10	QPSK	1	49	22.64	22.77	22.70	23	1			
10	QPSK	25	0	21.84	22.07	21.78					
10	QPSK	25	12	21.87	21.90	21.90	23	1			
10	QPSK	25	25	21.88	21.63	21.97					
10	QPSK	50	0	21.85	22.11	21.88	23	1			
10	16QAM	1	0	21.80	21.89	21.92					
10	16QAM	1	25	21.63	21.98	21.98	23	1			
10	16QAM	1	49	21.96	21.85	21.71					
10	16QAM	25	0	20.65	20.68	20.88	22	2			
10	16QAM	25	12	20.71	20.42	20.70					
10	16QAM	25	25	20.82	20.47	20.80	22	2			
10	16QAM	50	0	20.66	20.91	20.57					
10	64QAM	1	0	20.56	20.59	20.72	22	2			
10	64QAM	1	25	20.56	20.73	20.68					
10	64QAM	1	49	20.57	20.59	20.72	21	3			
10	64QAM	25	0	19.82	19.72	19.77					
10	64QAM	25	12	19.84	19.63	19.61	21	3			
10	64QAM	25	25	19.69	19.69	19.95					
10	64QAM	50	0	19.64	19.61	19.70	19	5			
10	256QAM	1	0	17.82	17.77	17.62					
10	256QAM	1	25	17.73	17.89	17.70	19	5			
10	256QAM	1	49	17.51	17.72	17.71					
10	256QAM	25	0	17.71	17.94	17.61	19	5			
10	256QAM	25	12	17.99	17.76	17.73					
10	256QAM	25	25	17.77	17.75	17.59	19	5			
10	256QAM	50	0	17.65	17.79	17.89					
Channel				37775	38000	38225					
Frequency (MHz)				2572.5	2595	2617.5					
5	QPSK	1	0	22.78	22.95	22.96	24	0			
5	QPSK	1	12	22.90	22.89	22.82					
5	QPSK	1	24	22.68	22.79	22.84	23	1			
5	QPSK	12	0	21.83	21.96	21.83					
5	QPSK	12	7	21.90	21.94	21.73	23	1			
5	QPSK	12	13	21.89	21.96	21.97					
5	QPSK	25	0	21.77	21.96	21.83	23	1			
5	16QAM	1	0	21.86	21.98	21.91					
5	16QAM	1	12	21.80	21.78	22.04	23	1			
5	16QAM	1	24	22.00	21.80	21.60					
5	16QAM	12	0	20.72	20.77	20.72	22	2			
5	16QAM	12	7	20.86	20.58	20.74					
5	16QAM	12	13	20.81	20.66	20.73	22	2			
5	16QAM	25	0	20.47	20.75	20.40					
5	64QAM	1	0	20.64	20.96	20.52	22	2			
5	64QAM	1	12	20.49	20.62	20.70					
5	64QAM	1	24	20.59	20.66	20.91	21	3			
5	64QAM	12	0	19.71	19.74	19.89					
5	64QAM	12	7	19.92	19.81	19.75	21	3			
5	64QAM	12	13	19.76	19.55	19.94					
5	64QAM	25	0	19.59	19.72	19.66	21	3			
5	256QAM	1	0	17.73	17.84	17.46					
5	256QAM	1	12	17.73	17.75	17.85	19	5			
5	256QAM	1	24	17.66	17.71	17.77					
5	256QAM	12	0	17.65	17.80	17.65	19	5			
5	256QAM	12	7	18.00	17.94	17.86					
5	256QAM	12	13	17.66	17.77	17.63	19	5			
5	256QAM	25	0	17.78	17.75	17.80					

Band 41 Ant 1														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Mid Ch. / Freq	Power High Ch. / Freq	Power High High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)					
Channel														
Frequency (MHz)														
20	QPSK	1	0	23.06	23.00	23.11	22.92	23.08						
20	QPSK	1	49	22.55	22.95	22.73	22.95	22.82	24					
20	QPSK	1	99	22.70	22.55	22.25	22.71	22.69						
20	QPSK	50	0	21.60	21.94	22.00	21.69	21.91						
20	QPSK	50	0	21.86	21.77	21.81	21.83	21.79	23					
20	QPSK	50	50	21.44	21.57	21.80	21.85	21.92	1					
20	QPSK	100	0	21.60	21.61	21.79	21.68	21.68						
20	16QAM	1	0	21.49	21.65	21.69	21.61	21.46						
20	16QAM	1	49	21.55	21.86	21.48	21.89	21.59	23					
20	16QAM	1	99	21.85	21.76	21.68	21.61	21.71	1					
20	64QAM	50	0	20.53	20.50	20.85	20.59	20.67						
20	16QAM	50	24	20.66	20.75	20.57	20.51	20.49	22					
20	16QAM	50	50	20.73	20.74	20.71	20.39	20.77	2					
20	16QAM	100	0	20.60	20.56	20.49	20.62	20.60						
20	64QAM	1	0	20.38	20.59	20.59	20.30	20.57						
20	64QAM	1	49	20.53	20.51	20.79	20.51	20.60	22					
20	64QAM	1	99	20.63	20.53	20.84	20.68	20.71						
20	64QAM	50	0	19.56	19.94	19.71	19.71	19.53						
20	64QAM	50	24	19.60	19.59	19.84	19.60	19.64	21					
20	64QAM	50	50	19.74	19.29	19.57	19.49	19.70	3					
20	64QAM	100	0	19.81	19.44	19.37	19.51	19.61						
20	QPSK	1	0	17.60	17.61	17.72	17.53	17.53	19					
20	256QAM	1	49	17.58	17.46	17.74	17.59	17.88	5					
20	256QAM	1	99	17.53	17.61	17.46	17.59	17.66						
20	256QAM	50	0	17.67	17.96	17.63	17.84	17.66						
20	256QAM	50	24	17.56	17.60	17.62	17.88	17.48	19					
20	256QAM	50	50	17.65	17.63	17.64	17.73	17.53	5					
20	256QAM	100	0	17.62	17.95	17.71	17.84	18.06						
Channel														
Frequency (MHz)														
								2503.5	4017.3	4060.3	4106.8	4151.5	Tune-up limit (dBm)	MPR (dB)
								2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.92	22.83	22.91	22.84	22.86						
15	QPSK	1	37	22.51	22.93	22.60	22.92	22.61	24					
15	QPSK	1	74	22.68	22.67	22.35	22.71	22.67						
15	QPSK	36	0	21.40	21.92	21.89	21.58	21.87						
15	QPSK	36	20	21.84	21.71	21.77	21.73	21.72	23					
15	QPSK	36	39	21.39	21.42	21.69	21.68	21.87	1					
15	QPSK	75	0	21.42	21.54	21.79	21.59	21.69						
15	16QAM	1	0	21.34	21.66	21.68	21.51	21.37						
15	16QAM	1	37	21.34	21.71	21.39	21.76	21.41	23					
15	16QAM	1	74	21.86	21.54	21.61	21.51	21.70	1					
15	16QAM	36	0	20.47	20.45	20.67	20.56	20.57						
15	16QAM	36	20	20.58	20.64	20.57	20.31	20.49						
15	16QAM	36	39	20.63	20.54	20.71	20.28	20.58	22					
15	16QAM	75	0	20.38	20.38	20.39	20.29	20.37	2					
15	64QAM	1	0	20.38	20.58	20.39	20.29	20.43						
15	64QAM	1	37	20.32	20.39	20.69	20.46	20.42	22					
15	64QAM	1	74	20.44	20.31	20.81	20.62	20.71	2					
15	64QAM	36	0	19.50	19.86	19.55	19.72	19.47						
15	64QAM	36	20	19.61	19.61	19.65	19.57	19.58	21					
15	64QAM	36	39	19.62	19.13	19.39	19.36	19.32	3					
15	64QAM	75	0	19.78	19.27	19.27	19.40	19.53						
15	256QAM	1	0	17.43	17.73	17.67	17.38	17.34						
15	256QAM	1	37	17.46	17.32	17.64	17.41	17.48						
15	256QAM	1	74	17.35	17.47	17.25	17.45	17.45	19					
15	256QAM	36	0	17.51	17.60	17.45	17.71	17.58	5					
15	256QAM	36	20	17.51	17.42	17.60	17.75	17.37						
15	256QAM	36	39	17.63	17.57	17.48	17.72	17.37	19					
15	256QAM	75	0	17.62	17.82	17.67	17.48	18.05	5					
Channel														
Frequency (MHz)														
								3700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
								2501	2547	2593	2639	2685		
10	QPSK	1	0	22.67	22.84	22.94	22.80	22.60	24					
10	QPSK	1	25	22.49	22.95	22.56	22.83	22.77						
10	QPSK	1	49	22.70	22.48	22.68	22.60	22.56						
10	QPSK	25	0	21.50	21.86	21.93	21.63	21.72						
10	QPSK	25	12	21.77	21.76	21.63	21.77	21.75	23					
10	QPSK	25	25	21.32	21.95	21.79	21.78	21.74	1					
10	QPSK	36	0	21.46	21.62	21.66	21.62	21.61						
10	16QAM	1	0	21.30	21.45	21.62	21.54	21.35						
10	16QAM	1	25	21.52	21.83	21.39	21.89	21.38	23					
10	16QAM	1	49	21.72	21.74	21.62	21.60	21.70						
10	16QAM	25	0	20.53	20.40	20.84	20.58	20.60						
10	16QAM	25	12	20.53	20.69	20.69	20.47	20.37	22					
10	16QAM	25	25	20.72	20.67	20.59	20.31	20.61	2					
10	16QAM	50	0	20.47	20.45	20.43	20.44	20.40						
10	64QAM	1	0	20.35	20.38	20.48	20.09	20.43						
10	64QAM	1	25	20.41	20.41	20.59	20.34	20.45	22					
10	64QAM	1	49	20.42	20.33	20.81	20.61	20.58						
10	64QAM	25	12	19.41	19.83	19.73	19.64	19.62						
10	64QAM	25	12	19.52	19.55	19.74	19.48	19.58	21					
10	64QAM	25	25	19.75	19.13	19.57	19.41	19.61	3					
10	64QAM	50	0	19.75	19.27	19.16	19.33	19.58						
10	256QAM	1	0	17.48	17.69	17.55	17.35	17.32						
10	256QAM	1	25	17.37	17.39	17.71	17.49	17.88	19					
10	256QAM	1	31	17.31	17.54	17.47	17.52	17.57	5					
10	256QAM	25	0	17.53	17.94	17.61	17.86	17.51						
10	256QAM	25	12	17.46	17.44	17.59	17.87	17.29	19					
10	256QAM	25	25	17.59	17.44	17.53	17.63	17.38	5					
10	256QAM	50	0	17.54	17.75	17.50	17.65	17.56						
Channel														
Frequency (MHz)														
								3901.5	4016	40620	41080	41545	Tune-up limit (dBm)	MPR (dB)
								2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.89	22.82	23.03	22.83	22.89	24					
5	QPSK	1	12	22.54	22.74	22.69	22.84	22.76						
5	QPSK	1	24	22.60	22.42	22.61	22.61	22.59						
5	QPSK	12	0	21.54	21.85	21.68	21.59	21.77						
5	QPSK	12	0	21.71	21.61	21.52	21.76	21.80	23					
5	QPSK	12	13	21.27	21.39	21.95	21.87	21.91	1					
5	QPSK	25	0	21.54	21.48	21.82	21.66	21.59						
5	16QAM	1	0	21.35	21.67	21.55	21.55	21.46						
5	16QAM	1	12	21.41	21.72	21.47	21.90	21.52	23					
5	16QAM	1	24	21.71	21.74	21.69	21.59	21.58	1					
5	16QAM	12	0	20.53	20.38	20.70	20.59	20.84						
5	16QAM	12	7	20.45	20.63	20.49	20.36	20.35	22					
5	16QAM	12	13	20.62	20.69	20.68	20.27	20.65	2					
5	16QAM	25	0	20.53	20.53	20.31	20.45	20.58						
5	64QAM	1	0	20.25	20.39	20.39	20.09	20.42	22					
5	64QAM	1	12	20.35	20.40	20.76	20.44	20.41	2					
5	64QAM	1	24	20.64	20.43	20.83	20.70	20.69						
5	64QAM	12	0	19.49	19.87	19.64	19.71	19.32						
5	64QAM	12	7	19.53	19.56	19.73	19.54	19.48						
5	64QAM	12	13	19.53	19.27	19.37	19.39	19.66	21					
5	64QAM	25	0	19.75	19.25	19.27	19.49	19.48	3					
5	256QAM	1	0	17.48	17.69	17.68	17.32	17.50						
5	256QAM	1	12	17.52	17.42	17.72	17.49	17.80	19					
5	256QAM	1	24	17.48	17.39	17.25	17.52	17.47						
5	256QAM	12	0	17.69	17.79	17.42	17.64	17.52						
5	256QAM	25	0	17.59	17.43	17.45	17.68	17.48	19					
5	256QAM	25	0	17.63	17.63	17.63	17.64	17.42						
5	256QAM	25	0	17.49	17.74	17.55	17.49	17.51						

Band 5 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				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.11	23.21	23.05	24	0		
10	QPSK	1	25	22.99	22.96	22.91				
10	QPSK	1	49	23.01	23.20	22.94				
10	QPSK	25	0	22.11	22.19	22.12	23	1		
10	QPSK	25	12	22.00	21.98	21.79				
10	QPSK	25	25	22.05	22.07	22.05				
10	QPSK	50	0	22.10	22.14	22.10	23	1		
10	16QAM	1	0	22.00	21.95	21.92				
10	16QAM	1	25	22.05	21.97	21.95				
10	16QAM	1	49	22.28	22.05	22.14	22	2		
10	16QAM	25	0	20.85	20.89	20.72				
10	16QAM	25	12	20.94	21.17	20.91				
10	16QAM	25	25	20.76	20.95	20.76	22	2		
10	16QAM	50	0	20.86	21.07	20.85				
10	64QAM	1	0	21.14	21.06	20.83				
10	64QAM	1	25	21.01	21.18	20.98	22	2		
10	64QAM	1	49	21.03	20.90	20.98				
10	64QAM	25	0	20.09	20.02	19.92				
10	64QAM	25	12	20.05	20.11	19.75	21	3		
10	64QAM	25	25	20.16	20.11	19.93				
10	64QAM	50	0	20.24	20.05	20.15				
10	256QAM	1	0	18.08	18.02	18.16	19	5		
10	256QAM	1	25	18.10	18.26	18.07				
10	256QAM	1	49	17.91	17.95	18.03				
10	256QAM	25	0	17.84	18.21	18.02	19	5		
10	256QAM	25	12	18.08	17.85	17.84				
10	256QAM	25	25	17.89	18.10	18.04				
10	256QAM	50	0	18.12	18.12	17.95				
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	23.05	23.00	22.92	24	0		
5	QPSK	1	12	22.88	22.96	22.79				
5	QPSK	1	24	23.01	23.00	22.83				
5	QPSK	12	0	22.10	22.10	21.96	23	1		
5	QPSK	12	7	21.95	21.95	21.83				
5	QPSK	12	13	21.88	21.89	21.84				
5	QPSK	25	0	21.96	22.10	21.95	23	1		
5	16QAM	1	0	22.01	21.92	21.73				
5	16QAM	1	12	21.91	21.92	21.92				
5	16QAM	1	24	22.10	21.84	22.10	22	2		
5	16QAM	12	0	20.66	20.80	20.64				
5	16QAM	12	7	20.89	20.99	20.90				
5	16QAM	12	13	20.60	20.83	20.71	22	2		
5	16QAM	25	0	20.87	21.09	20.87				
5	64QAM	1	0	21.02	20.86	20.78				
5	64QAM	1	12	20.87	20.98	21.00	22	2		
5	64QAM	1	24	20.90	20.84	20.81				
5	64QAM	12	0	19.91	19.82	19.78				
5	64QAM	12	7	20.07	19.96	19.77	21	3		
5	64QAM	12	13	20.16	19.97	19.91				
5	64QAM	25	0	20.17	19.84	20.00				
5	256QAM	1	0	17.95	17.87	18.15	19	5		
5	256QAM	1	12	18.00	18.13	17.94				
5	256QAM	1	24	17.69	17.95	17.83				
5	256QAM	12	0	17.71	18.09	18.01	19	5		
5	256QAM	12	7	18.04	17.78	17.77				
5	256QAM	12	13	17.73	18.09	17.96				
5	256QAM	25	0	17.97	18.05	17.92				
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	22.93	23.11	22.89	24	0		
3	QPSK	1	8	23.00	22.94	22.77				
3	QPSK	1	14	22.79	23.15	22.95				
3	QPSK	8	0	21.95	22.14	22.11	23	1		
3	QPSK	8	4	21.84	21.86	21.64				
3	QPSK	8	7	21.82	22.06	21.94				
3	QPSK	15	0	22.11	21.96	21.88	23	1		
3	16QAM	1	0	21.89	21.95	21.70				
3	16QAM	1	8	21.90	21.75	21.83				
3	16QAM	1	14	22.12	21.99	21.97	22	2		
3	16QAM	8	0	20.71	20.78	20.66				
3	16QAM	8	4	20.77	21.07	20.87				
3	16QAM	8	7	20.70	20.93	20.76	22	2		
3	16QAM	15	0	20.84	20.86	20.70				
3	64QAM	1	0	20.97	20.87	20.87				
3	64QAM	1	8	20.84	20.98	20.92	22	2		
3	64QAM	1	14	20.97	20.90	20.89				
3	64QAM	8	0	19.94	19.83	19.86				
3	64QAM	8	4	19.90	19.99	19.57	21	3		
3	64QAM	8	7	19.94	20.06	19.91				
3	64QAM	15	0	20.10	19.96	19.93				
3	256QAM	1	0	18.08	17.84	17.99	19	5		
3	256QAM	1	8	18.05	18.05	17.91				
3	256QAM	1	14	17.91	17.84	17.85				
3	256QAM	8	0	17.69	18.12	17.99	19	5		
3	256QAM	8	4	17.90	17.82	17.75				
3	256QAM	8	7	17.80	18.09	17.91				
3	256QAM	15	0	18.12	17.94	17.79				
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	23.05	23.08	22.94	24	0		
1.4	QPSK	1	3	23.00	22.90	22.79				
1.4	QPSK	1	5	22.96	23.17	22.95				
1.4	QPSK	3	0	23.00	23.19	22.88	23	1		
1.4	QPSK	3	1	22.96	22.90	22.79				
1.4	QPSK	3	3	22.95	23.16	22.93				
1.4	QPSK	6	0	21.97	22.02	22.07	23	1		
1.4	16QAM	1	0	21.86	21.93	21.74				
1.4	16QAM	1	3	21.95	21.81	21.78				
1.4	16QAM	1	5	22.14	22.00	22.05	23	1		
1.4	16QAM	3	0	22.01	21.96	22.09				
1.4	16QAM	3	1	21.97	21.97	21.93				
1.4	16QAM	3	3	22.03	21.83	21.85	22	2		
1.4	16QAM	6	0	20.71	21.04	20.73				
1.4	64QAM	1	0	21.15	20.97	20.83				
1.4	64QAM	1	3	20.87	21.20	20.87	22	2		
1.4	64QAM	1	5	20.99	20.85	20.97				
1.4	64QAM	3	0	20.92	21.13	20.73				
1.4	64QAM	3	1	20.70	20.81	20.70	21	3		
1.4	64QAM	3	3	20.73	20.95	20.79				
1.4	64QAM	6	0	20.05	20.02	20.06				
1.4	256QAM	1	0	17.96	18.01	18.06	19	5		
1.4	256QAM	1	3	18.10	18.10	17.94				
1.4	256QAM	1	5	17.71	17.86	18.02				
1.4	256QAM	3	0	17.91	18.03	17.98	19	5		
1.4	256QAM	3	1	17.80	18.03	17.99				
1.4	256QAM	3	3	17.83	17.92	18.02				
1.4	256QAM	6	0	18.02	17.97	18.08				

Reduced Power Mode for DSI7_Other PA

Band 5 Ant 0												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 20450	Power Middle Ch. Freq. 20525	Power High Ch. Freq. 20600	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.73	22.93	22.77	24	0				
10	QPSK	1	25	22.49	22.72	22.72						
10	QPSK	1	49	22.73	22.77	22.77						
10	QPSK	25	0	21.89	21.94	21.91						
10	QPSK	25	12	21.85	21.76	21.91	23	1				
10	QPSK	25	25	21.86	21.85	21.87						
10	QPSK	50	0	21.72	21.92	21.78						
10	16QAM	1	0	21.78	22.05	21.83						
10	16QAM	1	25	21.84	21.75	21.85	23	1				
10	16QAM	1	49	21.86	21.83	21.81						
10	16QAM	25	0	21.01	20.88	20.87						
10	16QAM	25	12	20.85	20.88	20.88						
10	16QAM	25	25	20.90	20.76	20.75	22	2				
10	16QAM	50	0	20.90	20.69	21.02						
10	64QAM	1	0	20.94	20.94	20.80						
10	64QAM	1	25	20.89	20.81	20.89						
10	64QAM	1	49	20.93	20.71	20.72	22	2				
10	64QAM	25	0	19.77	19.75	19.83						
10	64QAM	25	12	19.79	19.77	20.05						
10	64QAM	25	25	19.74	19.93	19.81						
10	64QAM	50	0	19.75	19.68	19.89	21	3				
10	256QAM	1	0	17.94	17.97	17.85						
10	256QAM	1	25	18.01	17.91	18.04						
10	256QAM	1	49	18.01	17.81	17.95						
10	256QAM	25	0	17.75	17.82	17.81	19	5				
10	256QAM	25	12	18.07	17.71	17.87						
10	256QAM	25	25	17.86	17.73	17.95						
10	256QAM	50	0	17.91	17.96	17.93						
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.62	22.75	22.65	24	0				
5	QPSK	1	12	22.45	22.64	22.72						
5	QPSK	1	24	22.71	22.65	22.70						
5	QPSK	12	0	21.84	21.80	21.74						
5	QPSK	12	12	21.80	21.67	21.82	23	1				
5	QPSK	12	13	21.80	21.69	21.78						
5	QPSK	25	0	21.54	21.86	21.85						
5	16QAM	1	0	21.59	21.89	21.84						
5	16QAM	1	12	21.84	21.60	21.78	23	1				
5	16QAM	1	24	21.69	21.81	21.76						
5	16QAM	12	0	20.87	20.68	20.81						
5	16QAM	12	7	20.85	20.82	20.89						
5	16QAM	12	13	20.86	20.75	20.58	22	2				
5	16QAM	25	0	20.75	20.70	20.94						
5	64QAM	1	0	20.91	20.78	20.81						
5	64QAM	1	12	20.77	20.69	20.68						
5	64QAM	1	24	20.91	20.53	20.65	22	2				
5	64QAM	12	0	19.76	19.54	19.59						
5	64QAM	12	7	19.78	19.77	19.92						
5	64QAM	12	13	19.64	19.72	19.83						
5	64QAM	25	0	19.71	19.67	19.78	21	3				
5	256QAM	1	0	17.79	17.92	17.87						
5	256QAM	1	12	17.95	17.80	18.06						
5	256QAM	1	24	18.01	17.73	17.85						
5	256QAM	12	0	17.66	17.62	17.73	19	5				
5	256QAM	12	7	17.94	17.70	17.88						
5	256QAM	12	13	17.84	17.59	17.78						
5	256QAM	25	0	17.78	17.85	17.82						
Channel												
Frequency (MHz)												
3	QPSK	1	0	22.61	22.87	22.75	24	0				
3	QPSK	1	8	22.39	22.71	22.70						
3	QPSK	1	14	22.53	22.57	22.71						
3	QPSK	8	0	21.84	21.90	21.80						
3	QPSK	8	4	21.69	21.87	21.88	23	1				
3	QPSK	8	7	21.85	21.70	21.86						
3	QPSK	15	0	21.51	21.96	21.89						
3	16QAM	1	0	21.74	21.87	21.83						
3	16QAM	1	8	21.86	21.54	21.86	23	1				
3	16QAM	1	14	21.70	21.82	21.74						
3	16QAM	8	0	21.00	20.90	20.51						
3	16QAM	8	4	20.79	20.81	20.72						
3	16QAM	8	7	20.70	20.75	20.75	22	2				
3	16QAM	15	0	20.79	20.66	20.95						
3	64QAM	1	0	20.81	20.78	20.76						
3	64QAM	1	8	20.69	20.75	20.73						
3	64QAM	1	14	20.89	20.54	20.73	22	2				
3	64QAM	8	0	19.70	19.74	19.58						
3	64QAM	8	4	19.70	19.75	20.06						
3	64QAM	8	7	19.68	19.73	19.76						
3	64QAM	15	0	19.77	19.61	19.84	21	3				
3	256QAM	1	0	17.79	17.94	17.80						
3	256QAM	1	8	17.97	17.71	18.00						
3	256QAM	1	14	17.88	17.73	17.74						
3	256QAM	8	0	17.76	17.72	17.78	19	5				
3	256QAM	8	4	17.89	17.51	17.83						
3	256QAM	8	7	17.72	17.74	17.80						
3	256QAM	15	0	17.71	17.88	17.73						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	22.52	22.78	22.76	24	0				
1.4	QPSK	1	3	22.51	22.87	22.74						
1.4	QPSK	1	5	22.44	22.85	22.58						
1.4	QPSK	3	0	22.64	22.89	22.85						
1.4	QPSK	3	1	22.50	22.77	22.54	23	1				
1.4	QPSK	3	3	22.59	22.72	22.84						
1.4	QPSK	6	0	21.91	21.85	21.77						
1.4	16QAM	1	0	21.71	21.87	21.67						
1.4	16QAM	1	3	21.69	21.84	21.76	23	1				
1.4	16QAM	1	5	21.80	21.78	21.82						
1.4	16QAM	3	0	21.66	21.85	21.65						
1.4	16QAM	3	1	21.80	21.79	21.84						
1.4	16QAM	3	3	21.59	21.50	21.59	22	2				
1.4	16QAM	6	0	20.67	20.59	20.91						
1.4	64QAM	1	0	20.63	20.81	20.84						
1.4	64QAM	1	3	20.74	20.58	20.86						
1.4	64QAM	1	5	20.81	20.64	20.62	22	2				
1.4	64QAM	3	0	20.77	20.64	20.95						
1.4	64QAM	3	1	20.74	20.78	20.78						
1.4	64QAM	3	3	20.88	20.54	20.86						
1.4	64QAM	6	0	19.59	19.57	19.74	21	3				
1.4	256QAM	1	0	17.94	17.80	17.76						
1.4	256QAM	1	3	18.03	17.79	17.86						
1.4	256QAM	1	5	17.88	17.81	17.93						
1.4	256QAM	3	0	17.70	17.70	17.81	19	5				
1.4	256QAM	3	1	18.02	17.63	17.92						
1.4	256QAM	3	3	17.70	17.63	17.81						
1.4	256QAM	6	0	17.84	17.73	17.69						

Band 26 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 26665	Power Middle Ch. Freq. 26765	Power High Ch. Freq. 26865	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.72	23.01	22.85	24	0	
15	QPSK	1	37	22.82	22.71	22.81			
15	QPSK	1	74	22.86	22.81	22.77	23	1	
15	QPSK	36	0	21.67	21.84	21.65			
15	QPSK	36	20	21.71	21.64	21.75	23	1	
15	QPSK	36	39	21.72	21.79	21.80			
15	QPSK	1	75	21.81	21.76	21.71	22	2	
15	16QAM	1	0	21.60	21.68	21.60			
15	16QAM	1	37	21.56	21.68	21.66	23	1	
15	16QAM	1	74	21.67	21.70	21.84			
15	16QAM	36	0	20.86	20.66	20.73	22	2	
15	16QAM	36	20	20.75	20.67	20.71			
15	16QAM	36	39	20.83	20.90	20.77	21		
15	16QAM	75	0	20.83	20.81	20.85			
15	16QAM	1	0	20.74	20.73	20.73	22	2	
15	16QAM	1	37	20.78	20.70	20.65			
15	16QAM	1	74	20.68	20.62	20.87	21		
15	16QAM	36	0	19.91	19.72	19.90			
15	16QAM	36	20	19.83	19.84	19.81	22	2	
15	16QAM	36	39	19.77	19.82	19.86			
15	16QAM	75	0	19.75	19.81	19.78	21		
15	256QAM	1	0	17.56	17.61	17.66			
15	256QAM	1	37	17.64	17.83	17.85	19	5	
15	256QAM	1	74	17.71	17.78	17.82			
15	256QAM	36	0	17.63	17.50	17.64	19	5	
15	256QAM	36	20	17.78	17.56	17.62			
15	256QAM	36	39	17.70	17.75	17.78	22	2	
15	256QAM	75	0	17.62	17.72	17.66			
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.63	23.07	22.77	24	0	
10	QPSK	1	25	22.73	22.65	22.40			
10	QPSK	1	49	22.58	22.71	22.71	23	1	
10	QPSK	25	0	21.67	21.61	21.58			
10	QPSK	25	12	21.73	21.59	21.61	23	1	
10	QPSK	25	25	21.64	21.70	21.62			
10	16QAM	1	0	21.55	21.60	21.58	23	1	
10	16QAM	1	25	21.58	21.64	21.65			
10	16QAM	1	25	21.53	21.80	21.84	23	1	
10	16QAM	1	49	21.47	21.66	21.84			
10	16QAM	25	0	20.77	20.68	20.78	22	2	
10	16QAM	25	12	20.88	20.79	20.85			
10	16QAM	25	25	20.79	20.90	20.95	22	2	
10	16QAM	50	0	20.78	20.64	20.66			
10	16QAM	1	0	20.56	20.71	20.62	22	2	
10	16QAM	1	25	20.74	20.62	20.59			
10	16QAM	1	25	20.58	20.46	20.89	21	3	
10	16QAM	25	0	19.91	19.60	19.73			
10	16QAM	25	12	19.64	19.71	19.61	19	5	
10	16QAM	25	25	19.54	19.60	19.78			
10	16QAM	25	49	19.75	19.68	19.67	19	5	
10	256QAM	1	0	17.50	17.50	17.53			
10	256QAM	1	25	17.47	17.82	17.76	21	3	
10	256QAM	1	49	17.70	17.76	17.76			
10	256QAM	1	25	17.62	17.76	17.69	19	5	
10	256QAM	25	0	17.62	17.52	17.52			
10	256QAM	25	12	17.68	17.58	17.68	22	2	
10	256QAM	25	25	17.49	17.58	17.68			
10	256QAM	50	0	17.62	17.57	17.52	21	3	
10	256QAM	50	12	17.62	17.51	17.52			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.73	22.94	22.84	24	0	
5	QPSK	1	12	22.73	22.50	22.48			
5	QPSK	1	24	22.58	22.73	22.74	23	1	
5	QPSK	1	36	21.68	21.74	21.65			
5	QPSK	12	7	21.57	21.52	21.55	22	2	
5	QPSK	12	13	21.56	21.65	21.80			
5	QPSK	25	0	21.58	21.63	21.57	21	3	
5	16QAM	1	0	21.46	21.59	21.50			
5	16QAM	1	12	21.52	21.61	21.64	22	2	
5	16QAM	1	24	21.52	21.54	21.70			
5	16QAM	12	7	20.85	20.59	20.72	21	3	
5	16QAM	12	13	20.72	20.66	20.62			
5	16QAM	1	0	20.37	20.45	20.59	22	2	
5	16QAM	25	0	20.83	20.60	20.63			
5	16QAM	1	0	20.66	20.63	20.63	21	3	
5	16QAM	1	12	20.57	20.47	20.57			
5	16QAM	1	24	20.68	20.63	20.57	22	2	
5	16QAM	12	0	19.74	19.55	19.82			
5	16QAM	12	7	19.72	19.71	19.66	21	3	
5	16QAM	12	13	19.55	19.45	19.92			
5	16QAM	25	0	19.72	19.62	19.68	22	2	
5	256QAM	1	0	17.46	17.46	17.46			
5	256QAM	1	12	17.53	17.65	17.72	19	5	
5	256QAM	1	24	17.70	17.77	17.43			
5	256QAM	12	0	17.42	17.38	17.42	21	3	
5	256QAM	12	7	17.68	17.72	17.65			
5	256QAM	12	13	17.51	17.75	17.64	22	2	
5	256QAM	25	0	17.49	17.58	17.65			
Channel									
Frequency (MHz)									
3	QPSK	1	0	22.58	22.665	22.625	24	0	
3	QPSK	1	8	22.51	22.815	22.815			
3	QPSK	1	8	22.60	22.60	22.36	23	1	
3	QPSK	1	14	22.70	22.72	22.68			
3	QPSK	8	0	21.64	21.71	21.61	22	2	
3	QPSK	8	4	21.54	21.47	21.70			
3	QPSK	8	7	21.54	21.73	21.81	21	3	
3	QPSK	15	0	21.48	21.65	21.54			
3	16QAM	1	0	21.49	21.66	21.46	22	2	
3	16QAM	1	8	21.43	21.565	21.63			
3	16QAM	1	14	21.50	21.67	21.64	21	3	
3	16QAM	8	0	20.67	20.63	20.56			
3	16QAM	8	4	20.52	20.49	20.55	22	2	
3	16QAM	7	0	20.87	20.63	20.74			
3	16QAM	15	0	20.76	20.63	20.74	21	3	
3	16QAM	1	0	20.62	20.55	20.61			
3	16QAM	1	8	20.61	20.55	20.75	22	2	
3	16QAM	1	14	20.51	20.48	20.83			
3	16QAM	8	4	19.82	19.87	19.77	21	3	
3	16QAM	8	7	19.64	19.84	19.81			
3	16QAM	8	7	19.60	19.43	19.92	22	2	
3	16QAM	15	0	19.85	19.64	19.97			
3	256QAM	1	0	17.48	17.47	17.47	19	5	
3	256QAM	1	14	17.48	17.74	17.72			
3	256QAM	1	14	17.51	17.83	17.40	22	2	
3	256QAM	8	0	17.43	17.48	17.56			
3	256QAM	8	4	17.59	17.37	17.63	19	5	
3	256QAM	8	7	17.64	17.70	17.63			
3	256QAM	15	0	17.50	17.51	17.67	22	2	
3	256QAM	15	0	17.50	17.51	17.67			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	21.17	21.12	21.43	24	0	
1.4	QPSK	1	1	22.54	22.52	22.53			
1.4	QPSK	1	5	22.60	22.78	22.52	23	1	
1.4	QPSK	1	9	22.61	22.91	22.84			
1.4	QPSK	3	1	22.78	22.63	22.50	22	2	
1.4	QPSK	3	5	22.51	22.62	22.59			
1.4	QPSK	6	0	21.53	21.65	21.71	23	1	
1.4	16QAM	1	0	21.51	21.66	21.69			
1.4	16QAM	1	3	21.61	21.60	21.61	22	2	
1.4	16QAM	1	6	21.78	21.71	21.81			
1.4	16QAM	3	0	21.50	21.50	21.39	21	3	
1.4	16QAM	3	1	21.69	21.29	21.45			
1.4	16QAM	3	1	21.49	21.61	21.52	22	2	
1.4	16QAM	3	2	20.61	20.20	20.78			
1.4	16QAM	3	3	20.89	20.83	20.64	22	2	
1.4	16QAM	1	3	20.74	20.54	20.69			
1.4	16QAM	1	5	20.65	20.63	20.63	21	3	
1.4	16QAM	3	0	20.79	20.55	20.65			
1.4	16QAM	3	0	20.63	20.58	20.60	22	2	
1.4	16QAM	3	3	20.49	20.71	20.60			
1.4	16QAM	6	0	19.85	19.69	19.62	21	3	
1.4	256QAM	1	0	17.50	17.58	17.59			
1.4	256QAM	1	3	17.40	17.69	17.64	19	5	
1.4	256QAM	1	5	17.60	17.81	17.68			
1.4	256QAM	3	0	17.60	17.74	17.64	22	2	
1.4	256QAM	3	1	17.46	17.39	17.44			
1.4	256QAM	3	1	17.60	17.73	17.78	21	3	
1.4	256QAM	6	0	17.57	17.63	17.71			

Band 2 Ant 1										
BW [MHz]	Modulation	RIS Size	RIS Offset	Power Low [dBm]	Power High [dBm]	Power Mean [dBm]	Power High [dBm]	Turn-on time [dBm]	MRR [dB]	
Channel										
Frequency [MHz]										
20	QPSK	1	0	20.28	20.30	20.23				
20	QPSK	1	49	20.18	20.32	20.28			21.5	0
20	QPSK	1	99	20.24	20.36	20.29				
20	QPSK	50	0	20.21	20.34	20.24				
20	QPSK	50	24	20.27	20.25	20.25			21.5	0
20	QPSK	50	50	20.26	20.31	20.21				
20	QPSK	100	0	20.28	20.32	20.20				
20	QPSK	1	49	20.21	20.33	20.21			21.5	0
20	QPSK	1	99	20.30	20.33	20.26				
20	QPSK	50	0	20.28	20.30	20.28				
20	QPSK	50	24	20.26	20.34	20.23			21.5	0
20	QPSK	50	50	20.18	20.26	20.20				
20	QPSK	100	0	20.18	20.24	20.20				
20	QPSK	1	49	20.32	20.24	20.20			21.5	0
20	QPSK	50	0	19.58	19.59	19.56				
20	QPSK	50	24	19.67	19.64	19.62			21	0.5
20	QPSK	50	50	19.64	19.64	19.72				
20	QPSK	100	0	19.61	19.62	19.56				
20	QPSK	1	99	17.58	17.71	17.69			19	2.5
20	QPSK	50	0	17.61	17.64	17.68				
20	QPSK	50	24	17.59	17.62	17.59			19	2.5
20	QPSK	50	50	17.60	17.56	17.57				
20	QPSK	100	0	17.67	17.67	17.60			19	2.5
20	QPSK	150	0	17.67	17.67	17.60				
20	QPSK	150	0	17.67	17.67	17.60			Turn-on time [dBm]	MRR [dB]
20	QPSK	150	0	180.7	180.7	180.2	180.7			
Channel										
Frequency [MHz]										
15	QPSK	1	0	20.22	20.23	20.20			21.5	0
15	QPSK	1	49	20.13	20.28	20.19				
15	QPSK	1	74	20.18	20.17	20.14				
15	QPSK	36	0	20.12	20.28	20.20				
15	QPSK	36	24	20.18	20.27	20.20			21.5	0
15	QPSK	36	36	20.26	20.21	20.17				
15	QPSK	75	0	20.25	20.17	20.18				
15	QPSK	75	0	20.18	20.21	20.23			21.5	0
15	QPSK	1	37	20.17	20.26	20.20				
15	QPSK	1	89	20.21	20.21	20.19				
15	QPSK	36	0	20.13	20.26	20.14			21.5	0
15	QPSK	36	20	20.22	20.22	20.19				
15	QPSK	75	0	20.25	20.18	20.26				
15	QPSK	75	0	20.25	20.18	20.26				
15	QPSK	1	0	20.22	20.22	20.21			21.5	0
15	QPSK	1	49	20.20	20.21	20.21				
15	QPSK	1	74	20.20	20.21	20.22				
15	QPSK	36	0	19.47	19.49	19.35			21	0.5
15	QPSK	36	24	19.54	19.54	19.49				
15	QPSK	36	36	19.45	19.55	19.72				
15	QPSK	75	0	19.61	19.54	19.65				
15	QPSK	75	0	17.42	17.43	17.53			19	2.5
15	QPSK	1	37	17.42	17.50	17.51				
15	QPSK	1	74	17.49	17.60	17.76				
15	QPSK	36	0	17.45	17.46	17.56				
15	QPSK	36	20	17.43	17.57	17.42			19	2.5
15	QPSK	36	36	17.46	17.58	17.37				
15	QPSK	75	0	17.46	17.55	17.42				
15	QPSK	75	0	17.46	17.55	17.42			Turn-on time [dBm]	MRR [dB]
15	QPSK	75	0	180.6	180.6	180.0	180.6			
Channel										
Frequency [MHz]										
10	QPSK	1	0	20.18	20.20	20.18			21.5	0
10	QPSK	1	25	20.18	20.25	20.23				
10	QPSK	1	49	20.20	20.21	20.15				
10	QPSK	12	0	20.23	20.26	20.24				
10	QPSK	25	12	20.18	20.21	20.23			21.5	0
10	QPSK	25	25	20.20	20.18	20.13				
10	QPSK	1	0	20.12	20.16	20.14				
10	QPSK	1	25	20.22	20.27	20.23			21.5	0
10	QPSK	12	0	20.28	20.26	20.13				
10	QPSK	12	25	20.17	20.15	20.19				
10	QPSK	25	12	20.15	20.24	20.23			21.5	0
10	QPSK	25	25	20.15	20.25	20.18				
10	QPSK	50	0	20.19	20.27	20.15				
10	QPSK	1	0	20.17	20.17	20.23			21.5	0
10	QPSK	1	49	20.18	20.21	20.25				
10	QPSK	1	49	20.25	20.15	20.17				
10	QPSK	12	0	19.51	19.59	19.51			21	0.5
10	QPSK	12	25	19.68	19.62	19.64				
10	QPSK	50	0	19.58	19.64	19.62				
10	QPSK	50	0	19.58	19.58	19.40				
10	QPSK	1	25	17.47	17.63	17.52			19	2.5
10	QPSK	1	25	17.46	17.51	17.52				
10	QPSK	12	0	17.46	17.52	17.49				
10	QPSK	12	25	17.46	17.51	17.56			19	2.5
10	QPSK	25	12	17.57	17.61	17.55				
10	QPSK	25	25	17.58	17.57	17.56				
10	QPSK	50	0	17.58	17.58	17.50			Turn-on time [dBm]	MRR [dB]
10	QPSK	50	0	180.5	180.5	180.0	180.5			
Channel										
Frequency [MHz]										
5	QPSK	1	0	20.15	20.15	20.14			21.5	0
5	QPSK	1	12	20.12	20.26	20.20				
5	QPSK	1	24	20.13	20.27	20.17				
5	QPSK	12	0	20.23	20.26	20.24				
5	QPSK	12	12	20.18	20.21	20.23			21.5	0
5	QPSK	12	13	20.25	20.26	20.24				
5	QPSK	1	0	20.18	20.20	20.19				
5	QPSK	1	12	20.21	20.15	20.23			21.5	0
5	QPSK	12	0	20.28	20.26	20.18				
5	QPSK	12	12	20.25	20.18	20.22			21.5	0
5	QPSK	12	13	20.14	20.25	20.19				
5	QPSK	1	0	20.16	20.21	20.20				
5	QPSK	1	12	20.18	20.24	20.20			21.5	0
5	QPSK	12	0	20.16	20.21	20.20				
5	QPSK	12	12	20.14	20.25	20.22			21.5	0
5	QPSK	12	13	20.18	20.24	20.20				
5	QPSK	25	0	20.24	20.27	20.26				
5	QPSK	25	0	20.18	20.25	20.26			21.5	0
5	QPSK	25	12	20.14	20.25	20.22				
5	QPSK	25	25	20.16	20.27	20.26				
5	QPSK	1	0	20.18	20.19	20.25			21.5	0
5	QPSK	1	12	20.18	20.25	20.22				
5	QPSK	12	0	19.65	19.72	19.71			21	0.5
5	QPSK	12	13	19.67	19.62	19.65				
5	QPSK	25	0	19.65	19.62	19.56				
5	QPSK	25	12	17.54	17.71	17.65			19	2.5
5	QPSK	25	25	17.57	17.68	17.58				
5	QPSK	1	12	17.43	17.64	17.66			19	2.5
5	QPSK	1	24	17.51	17.64	17.71				
5	QPSK	12	0	17.47	17.68	17.72			19	2.5
5	QPSK	12	13	17.51	17.66	17.74				
5	QPSK	25	0	17.50	17.68	17.72			19	2.5
5	QPSK	25	12	17.48	17.61	17.78				
5	QPSK	25	25	17.48	17.58	17.57			Turn-on time [dBm]	MRR [dB]
5	QPSK	25	25	17.48	17.58	17.57				
5	QPSK	1	0	20.25	20.15	20.24			21.5	0
5	QPSK	1	8	20.22	20.26	20.24				
5	QPSK	1	14	20.14	20.24	20.25				
5	QPSK	8	0	20.17	20.20	20.17			21.5	0
5	QPSK	8	8	20.17	20.22	20.18				
5	QPSK	16	0	20.15	20.18	20.21			21.5	0
5	QPSK	16	0	20.16	20.24	20.17				
5	QPSK	16	8	20.13	20.22	20.18			21.5	0
5	QPSK	16	14	20.14	20.25	20.14				
5	QPSK	8	0	20.23	20.21	20.24				
5	QPSK	8	8	20.17	20.24	20.19			21.5	0
5	QPSK	8	7	20.23	20.28	20.22				
5	QPSK	16	0	20.24	20.22	20.15				
5	QPSK	16	0	20.13	20.19	20.26			21.5	0
5	QPSK	16	8	20.20	20.19	20.25				
5	QPSK	8	14	19.69	19.58	19.71			21	0.5
5	QPSK	8	8	19.67	19.57	19.61				
5	QPSK	16	0	19.54	19.51	19.42				
5	QPSK	16	0	17.37	17.63	17.41			19	2.5
5	QPSK	16	8	17.48	17.61	17.75				
5	QPSK	16	14	17.53	17.63	17.75				
5	QPSK	8	0	17.68	17.61	17.61			19	2.5
5	QPSK	8	7	17.68	17.59	17.58				
5	QPSK	16	0	17.68	17.69	17.61				
5	QPSK	16	8	17.67	17.67	17.67			19	2.5
5	QPSK	16	14	17.67	17.67	17.67				
5	QPSK	8	0	17.31	17.27	17.49			Turn-on time [dBm]	MRR [dB]
5	QPSK	8	7	17.31	17.27	17.49				
5	QPSK	16	0	17.31	17.27	17.49				
5	QPSK	16	8	17.31	17.27	17.49				
5	QPSK	16	14	17.31	17.27	17.49				

Band 38 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit		
Channel				37650	38000	38150	Tune-up limit	MPR	
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)	
20	QPSK	1	0	22.80	23.08	23.01	24	0	
20	QPSK	1	49	22.75	22.92	22.81			
20	QPSK	1	99	22.84	22.71	22.66			
20	QPSK	50	0	21.79	22.07	21.98	23	1	
20	QPSK	50	24	21.89	21.95	21.68			
20	QPSK	50	50	21.70	21.67	22.00			
20	QPSK	100	0	21.99	22.12	21.83	22	2	
20	16QAM	1	0	21.75	21.60	21.91			
20	16QAM	1	49	21.61	21.98	21.83			
20	16QAM	1	99	21.89	21.86	21.59	22	2	
20	16QAM	50	0	20.75	20.71	20.83			
20	16QAM	50	24	20.85	20.48	20.79			
20	16QAM	50	50	20.86	20.50	20.62	21	3	
20	16QAM	100	0	20.45	20.74	20.50			
20	64QAM	1	0	20.54	20.55	20.71			
20	64QAM	1	49	20.52	20.67	20.65	19	5	
20	64QAM	1	99	20.66	20.58	20.93			
20	64QAM	50	0	19.66	19.65	19.84			
20	64QAM	50	24	19.74	19.81	19.55	19	5	
20	64QAM	50	50	19.71	19.60	19.97			
20	64QAM	100	0	19.60	19.76	19.55			
20	256QAM	1	0	17.81	17.77	17.65	19	5	
20	256QAM	1	49	17.72	17.71	17.80			
20	256QAM	1	99	17.58	17.62	17.61			
20	256QAM	50	0	17.70	17.83	17.58	19	5	
20	256QAM	50	24	17.92	17.74	17.76			
20	256QAM	50	50	17.62	17.68	17.68			
20	256QAM	100	0	17.71	17.76	17.93			
Channel				37625	38000	38175	Tune-up limit	MPR	
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)	
15	QPSK	1	0	22.97	23.05	23.00	24	0	
15	QPSK	1	37	22.79	22.76	22.86			
15	QPSK	1	74	22.65	22.74	22.74			
15	QPSK	36	0	21.87	21.96	21.94	23	1	
15	QPSK	36	20	21.95	21.92	21.85			
15	QPSK	36	39	21.77	21.77	21.96			
15	QPSK	75	0	21.82	22.07	21.89	23	1	
15	16QAM	1	0	21.77	21.99	22.03			
15	16QAM	1	37	21.62	21.93	22.00			
15	16QAM	1	74	21.83	21.83	21.81	22	2	
15	16QAM	36	0	20.59	20.82	20.74			
15	16QAM	36	20	20.87	20.35	20.74			
15	16QAM	36	39	20.80	20.71	20.75	22	2	
15	16QAM	75	0	20.58	20.87	20.65			
15	64QAM	1	0	20.45	20.77	20.49			
15	64QAM	1	37	20.50	20.78	20.70	21	3	
15	64QAM	1	74	20.65	20.72	20.90			
15	64QAM	36	0	19.72	19.74	19.71			
15	64QAM	36	20	19.89	19.71	19.64	19	5	
15	64QAM	36	39	19.61	19.53	19.85			
15	64QAM	75	0	19.74	19.70	19.70			
15	256QAM	1	0	17.88	17.78	17.67	19	5	
15	256QAM	1	37	17.82	17.81	17.73			
15	256QAM	1	74	17.58	17.76	17.64			
15	256QAM	36	0	17.61	17.88	17.63	19	5	
15	256QAM	36	20	17.83	17.90	17.77			
15	256QAM	36	39	17.61	17.76	17.54			
15	256QAM	75	0	17.76	17.71	17.78			
Channel				37900	38000	38200	Tune-up limit	MPR	
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)	
10	QPSK	1	0	22.85	23.02	23.03	24	0	
10	QPSK	1	25	22.76	22.72	22.89			
10	QPSK	1	49	22.64	22.77	22.70			
10	QPSK	25	0	21.84	22.07	21.78	23	1	
10	QPSK	25	12	21.87	21.90	21.90			
10	QPSK	25	25	21.88	21.63	21.97			
10	QPSK	50	0	21.85	22.11	21.88	23	1	
10	16QAM	1	0	21.80	21.89	21.92			
10	16QAM	1	25	21.63	21.99	21.98			
10	16QAM	1	49	21.96	21.85	21.71	22	2	
10	16QAM	25	0	20.65	20.68	20.88			
10	16QAM	25	12	20.71	20.42	20.70			
10	16QAM	25	25	20.82	20.47	20.80	21	3	
10	16QAM	50	0	20.66	20.91	20.57			
10	64QAM	1	0	20.56	20.59	20.72			
10	64QAM	1	25	20.58	20.73	20.68	19	5	
10	64QAM	1	49	20.57	20.59	20.72			
10	64QAM	25	0	19.82	19.72	19.77			
10	64QAM	25	12	19.84	19.63	19.61	19	5	
10	64QAM	25	25	19.69	19.69	19.95			
10	64QAM	50	0	19.64	19.61	19.70			
10	256QAM	1	0	17.82	17.77	17.62	19	5	
10	256QAM	1	25	17.73	17.89	17.70			
10	256QAM	1	49	17.51	17.72	17.71			
10	256QAM	25	0	17.71	17.94	17.61	19	5	
10	256QAM	25	12	17.99	17.76	17.73			
10	256QAM	25	25	17.77	17.75	17.59			
10	256QAM	50	0	17.65	17.79	17.89			
Channel				37775	38000	38225	Tune-up limit	MPR	
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)	
5	QPSK	1	0	22.78	22.95	22.96	24	0	
5	QPSK	1	12	22.90	22.89	22.82			
5	QPSK	1	24	22.68	22.79	22.84			
5	QPSK	12	0	21.83	21.96	21.83	23	1	
5	QPSK	12	7	21.90	21.94	21.90			
5	QPSK	12	13	21.89	21.96	21.97			
5	QPSK	25	0	21.77	21.96	21.83	23	1	
5	16QAM	1	0	21.86	21.98	21.91			
5	16QAM	1	12	21.80	21.78	22.04			
5	16QAM	1	24	22.00	21.80	21.60	22	2	
5	16QAM	12	0	20.72	20.77	20.72			
5	16QAM	12	7	20.86	20.58	20.74			
5	16QAM	12	13	20.81	20.66	20.73	22	2	
5	16QAM	25	0	20.47	20.75	20.40			
5	64QAM	1	0	20.64	20.96	20.52			
5	64QAM	1	12	20.49	20.62	20.70	21	3	
5	64QAM	1	24	20.59	20.66	20.91			
5	64QAM	12	0	19.71	19.74	19.89			
5	64QAM	12	7	19.92	19.81	19.75	19	5	
5	64QAM	12	13	19.76	19.55	19.94			
5	64QAM	25	0	19.59	19.72	19.66			
5	256QAM	1	0	17.73	17.84	17.46	19	5	
5	256QAM	1	12	17.73	17.75	17.85			
5	256QAM	1	24	17.66	17.71	17.77			
5	256QAM	12	0	17.65	17.80	17.65	19	5	
5	256QAM	12	7	18.00	17.94	17.86			
5	256QAM	12	13	17.66	17.77	17.63			
5	256QAM	25	0	17.78	17.75	17.80			

Band 41 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Mid Ch. / Freq	Power High Ch. / Freq	Power High High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
20	QPSK	1	0	23.06	23.00	23.11	22.92	23.08	
20	QPSK	1	49	22.55	22.95	22.73	22.95	22.82	24
20	QPSK	1	99	22.70	22.55	22.25	22.71	22.69	
20	QPSK	50	0	21.60	21.94	22.00	21.69	21.91	
20	QPSK	50	0	21.86	21.77	21.81	21.83	21.79	23
20	QPSK	50	50	21.44	21.57	21.80	21.85	21.92	1
20	QPSK	100	0	21.60	21.61	21.79	21.68	21.68	
20	16QAM	1	0	21.49	21.65	21.69	21.61	21.46	
20	16QAM	1	49	21.55	21.86	21.48	21.89	21.59	23
20	16QAM	1	99	21.85	21.76	21.68	21.61	21.71	1
20	64QAM	50	0	20.53	20.50	20.85	20.59	20.67	
20	16QAM	50	24	20.66	20.75	20.57	20.51	20.49	22
20	16QAM	50	50	20.73	20.74	20.71	20.39	20.77	2
20	16QAM	100	0	20.60	20.56	20.49	20.62	20.60	
20	64QAM	1	0	20.38	20.59	20.59	20.30	20.57	
20	64QAM	1	49	20.53	20.51	20.79	20.51	20.60	22
20	64QAM	1	99	20.63	20.53	20.84	20.68	20.71	
20	64QAM	50	0	19.56	19.94	19.71	19.71	19.53	
20	64QAM	50	24	19.60	19.59	19.84	19.60	19.64	21
20	64QAM	50	50	19.74	19.29	19.57	19.49	19.70	3
20	64QAM	100	0	19.81	19.44	19.37	19.51	19.61	
20	QPSK	1	0	17.60	17.81	17.72	17.53	17.53	19
20	256QAM	1	49	17.58	17.46	17.74	17.59	17.88	5
20	256QAM	1	99	17.53	17.61	17.46	17.59	17.66	
20	256QAM	50	0	17.67	17.96	17.63	17.84	17.66	
20	256QAM	50	24	17.56	17.60	17.62	17.88	17.48	19
20	256QAM	50	50	17.65	17.63	17.64	17.73	17.53	5
20	256QAM	100	0	17.62	17.95	17.71	17.84	18.06	
Channel									
Frequency (MHz)									
2503.5 2504.3 2505.0 2505.8 2506.5 2507.2									
15	QPSK	1	0	22.92	22.83	22.91	22.84	22.86	
15	QPSK	1	37	22.51	22.93	22.60	22.92	22.61	24
15	QPSK	1	74	22.69	22.67	22.35	22.71	22.47	
15	QPSK	36	0	21.40	21.92	21.89	21.58	21.87	
15	QPSK	36	20	21.84	21.71	21.77	21.73	21.72	23
15	QPSK	36	39	21.39	21.42	21.69	21.68	21.87	1
15	QPSK	75	0	21.42	21.54	21.79	21.59	21.69	
15	16QAM	1	0	21.34	21.66	21.68	21.51	21.37	23
15	16QAM	1	37	21.34	21.71	21.39	21.76	21.41	1
15	16QAM	1	74	21.86	21.54	21.61	21.51	21.70	
15	16QAM	36	0	20.47	20.45	20.67	20.56	20.57	
15	16QAM	36	20	20.58	20.64	20.57	20.31	20.49	22
15	16QAM	36	39	20.63	20.54	20.71	20.28	20.58	2
15	16QAM	75	0	20.38	20.38	20.39	20.28	20.37	
15	64QAM	1	0	20.38	20.58	20.39	20.29	20.43	
15	64QAM	1	37	20.32	20.39	20.69	20.46	20.42	22
15	64QAM	1	74	20.44	20.31	20.81	20.62	20.71	2
15	64QAM	36	0	19.50	19.86	19.55	19.72	19.47	
15	64QAM	36	20	19.61	19.61	19.65	19.57	19.58	21
15	64QAM	36	39	19.62	19.13	19.39	19.36	19.32	3
15	64QAM	75	0	19.78	19.27	19.27	19.40	19.53	
15	256QAM	1	0	17.43	17.73	17.67	17.38	17.34	
15	256QAM	1	37	17.46	17.32	17.64	17.41	17.48	19
15	256QAM	1	74	17.35	17.47	17.25	17.45	17.65	5
15	256QAM	36	0	17.51	17.60	17.45	17.71	17.58	
15	256QAM	36	20	17.51	17.42	17.60	17.75	17.37	
15	256QAM	36	39	17.63	17.57	17.48	17.72	17.37	19
15	256QAM	75	0	17.62	17.82	17.67	17.48	18.05	5
Channel									
Frequency (MHz)									
2501.0 2547.0 2593.0 2639.0 2685.0									
10	QPSK	1	0	22.67	22.84	22.94	22.90	23.00	
10	QPSK	1	25	22.49	22.95	22.56	22.83	22.77	24
10	QPSK	1	49	22.70	22.48	22.68	22.60	22.56	
10	QPSK	25	0	21.50	21.86	21.93	21.63	21.72	
10	QPSK	25	12	21.77	21.76	21.63	21.77	21.75	23
10	QPSK	25	25	21.32	21.95	21.79	21.78	21.74	1
10	QPSK	36	0	21.46	21.62	21.66	21.62	21.61	
10	16QAM	1	0	21.30	21.45	21.62	21.54	21.35	
10	16QAM	1	25	21.52	21.83	21.39	21.89	21.38	23
10	16QAM	1	49	21.72	21.74	21.62	21.60	21.70	
10	16QAM	25	0	20.53	20.40	20.84	20.58	20.60	
10	16QAM	25	12	20.53	20.69	20.69	20.47	20.37	22
10	16QAM	25	25	20.72	20.67	20.59	20.31	20.61	2
10	16QAM	50	0	20.47	20.45	20.43	20.44	20.40	
10	64QAM	1	0	20.35	20.38	20.48	20.09	20.43	
10	64QAM	1	25	20.41	20.41	20.59	20.34	20.45	22
10	64QAM	1	49	20.42	20.33	20.81	20.61	20.58	2
10	64QAM	25	0	19.41	19.83	19.73	19.64	19.62	
10	64QAM	25	12	19.52	19.55	19.74	19.48	19.58	21
10	64QAM	25	25	19.75	19.13	19.57	19.41	19.61	3
10	64QAM	50	0	19.75	19.27	19.16	19.33	19.58	
10	256QAM	1	0	17.48	17.69	17.55	17.35	17.32	
10	256QAM	1	25	17.37	17.39	17.71	17.49	17.88	19
10	256QAM	1	31	17.31	17.54	17.47	17.52	17.57	5
10	256QAM	25	0	17.53	17.94	17.61	17.86	17.51	
10	256QAM	25	12	17.46	17.44	17.59	17.87	17.29	19
10	256QAM	25	25	17.59	17.44	17.53	17.63	17.38	5
10	256QAM	50	0	17.54	17.75	17.50	17.65	17.56	
Channel									
Frequency (MHz)									
2501.5 2545.8 2590.3 2634.30 2687.5									
5	QPSK	1	0	22.89	22.82	23.03	22.83	22.89	
5	QPSK	1	12	22.54	22.74	22.69	22.84	22.76	24
5	QPSK	1	24	22.60	22.42	22.61	22.61	22.59	
5	QPSK	12	0	21.54	21.85	21.68	21.59	21.77	
5	QPSK	12	12	21.71	21.61	21.52	21.76	21.80	23
5	QPSK	12	13	21.27	21.39	21.95	21.87	21.91	1
5	QPSK	25	0	21.54	21.48	21.82	21.66	21.59	
5	16QAM	1	0	21.35	21.67	21.55	21.55	21.46	
5	16QAM	1	12	21.41	21.72	21.47	21.90	21.52	23
5	16QAM	1	24	21.71	21.74	21.69	21.59	21.58	1
5	16QAM	12	0	20.53	20.38	20.70	20.59	20.84	
5	16QAM	12	7	20.45	20.63	20.49	20.36	20.35	22
5	16QAM	12	13	20.62	20.69	20.68	20.27	20.65	2
5	16QAM	25	0	20.53	20.53	20.31	20.45	20.58	
5	64QAM	1	0	20.25	20.39	20.39	20.09	20.42	22
5	64QAM	1	12	20.35	20.40	20.76	20.44	20.48	2
5	64QAM	1	24	20.64	20.43	20.83	20.70	20.69	
5	64QAM	12	0	19.49	19.87	19.64	19.71	19.32	
5	64QAM	12	7	19.53	19.56	19.73	19.54	19.48	
5	64QAM	12	13	19.53	19.27	19.37	19.39	19.68	21
5	64QAM	25	0	19.75	19.25	19.27	19.49	19.46	3
5	256QAM	1	0	17.48	17.69	17.68	17.32	17.50	
5	256QAM	1	12	17.52	17.42	17.72	17.49	17.80	19
5	256QAM	1	24	17.48	17.39	17.25	17.52	17.47	
5	256QAM	12	0	17.69	17.79	17.42	17.64	17.52	
5	256QAM	12	7	17.59	17.43	17.45	17.68	17.48	19
5	256QAM	12	13	17.63	17.63	17.63	17.64	17.42	5
5	256QAM	25	0	17.49	17.74	17.55	17.49	17.81	

Band 5 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				20450	20525	20600					
Frequency (MHz)				829	836.5	844					
10	QPSK	1	0	20.17	20.20	20.06	21.5	0			
10	QPSK	1	25	20.08	20.11	20.09					
10	QPSK	1	49	20.17	20.14	20.11					
10	QPSK	25	0	20.10	20.18	20.14	21.5	0			
10	QPSK	25	12	20.04	20.14	20.03					
10	QPSK	25	25	20.04	20.11	20.13					
10	QPSK	50	0	20.16	20.17	20.04	21.5	0			
10	16QAM	1	0	20.12	20.14	20.11					
10	16QAM	1	25	20.16	20.14	20.14					
10	16QAM	1	49	20.12	20.13	20.08	21.5	0			
10	16QAM	25	0	20.12	20.10	20.10					
10	16QAM	25	12	20.11	20.06	20.11					
10	16QAM	25	25	20.16	20.17	20.12	21	0.5			
10	16QAM	50	0	20.16	20.14	20.04					
10	64QAM	1	0	20.09	20.18	20.12					
10	64QAM	1	25	20.05	20.14	20.07	21.5	0			
10	64QAM	1	49	20.10	20.13	20.12					
10	64QAM	25	0	20.16	20.14	20.16					
10	64QAM	25	12	20.06	20.14	20.04	21	0.5			
10	64QAM	25	25	20.12	20.15	20.10					
10	64QAM	50	0	20.16	20.19	20.04					
10	256QAM	1	0	18.08	18.02	18.16	19	2.5			
10	256QAM	1	25	18.10	18.26	18.07					
10	256QAM	1	49	17.91	17.95	18.03					
10	256QAM	25	0	17.84	18.21	18.02	19	2.5			
10	256QAM	25	12	18.08	17.85	17.84					
10	256QAM	25	25	17.89	18.10	18.04					
10	256QAM	50	0	18.12	18.12	17.95					
Channel				20425	20525	20625					
Frequency (MHz)				826.5	836.5	846.5					
5	QPSK	1	0	20.01	20.14	20.03	21.5	0			
5	QPSK	1	12	20.03	20.02	19.99					
5	QPSK	1	24	20.00	20.12	20.00					
5	QPSK	12	0	20.02	20.06	19.99	21.5	0			
5	QPSK	12	7	20.02	20.07	20.08					
5	QPSK	12	13	20.10	20.14	20.09					
5	QPSK	25	0	20.09	20.07	20.12	21.5	0			
5	16QAM	1	0	20.09	20.14	20.02					
5	16QAM	1	12	20.12	20.10	20.02					
5	16QAM	1	24	20.06	20.15	20.06	21.5	0			
5	16QAM	12	0	20.06	20.08	20.06					
5	16QAM	12	7	20.05	20.03	20.05					
5	16QAM	12	13	19.98	20.09	20.04	21.5	0			
5	16QAM	25	0	19.99	20.05	20.01					
5	64QAM	1	0	20.12	20.14	20.03					
5	64QAM	1	12	20.11	20.03	20.11	21.5	0			
5	64QAM	1	24	20.06	20.15	20.09					
5	64QAM	12	0	20.09	20.13	19.99					
5	64QAM	12	7	20.10	20.04	20.07	21	0.5			
5	64QAM	12	13	20.08	20.09	19.99					
5	64QAM	25	0	20.01	20.06	20.02					
5	256QAM	1	0	17.95	17.87	18.15	19	2.5			
5	256QAM	1	12	18.00	18.13	17.94					
5	256QAM	1	24	17.69	17.95	17.83					
5	256QAM	12	0	17.71	18.09	18.01	19	2.5			
5	256QAM	12	7	18.04	17.78	17.77					
5	256QAM	12	13	17.73	18.09	17.96					
5	256QAM	25	0	17.97	18.05	17.92					
Channel				20415	20525	20635					
Frequency (MHz)				825.5	836.5	847.5					
3	QPSK	1	0	20.07	20.06	20.04	21.5	0			
3	QPSK	1	8	20.11	20.10	20.07					
3	QPSK	1	14	20.04	20.02	20.06					
3	QPSK	8	0	20.02	20.14	20.06	21.5	0			
3	QPSK	8	4	20.03	20.10	20.02					
3	QPSK	8	7	20.10	20.06	20.00					
3	QPSK	15	0	19.99	20.14	20.00	21.5	0			
3	16QAM	1	0	20.11	20.13	20.05					
3	16QAM	1	8	20.02	20.10	20.02					
3	16QAM	1	14	20.10	20.09	20.02	21.5	0			
3	16QAM	8	0	20.01	20.11	20.01					
3	16QAM	8	4	20.11	20.01	20.08					
3	16QAM	8	7	19.98	20.02	20.05	21.5	0			
3	16QAM	15	0	19.99	20.11	20.06					
3	64QAM	1	0	19.99	20.10	20.01					
3	64QAM	1	8	19.99	20.09	20.06	21.5	0			
3	64QAM	1	14	20.06	20.06	20.02					
3	64QAM	8	0	20.05	20.08	20.07					
3	64QAM	8	4	20.08	20.03	20.04	21	0.5			
3	64QAM	8	7	20.09	20.12	20.07					
3	64QAM	15	0	20.09	20.10	20.11					
3	256QAM	1	0	18.08	17.84	17.99	19	2.5			
3	256QAM	1	8	18.05	18.05	17.91					
3	256QAM	1	14	17.91	17.84	17.85					
3	256QAM	8	0	17.69	18.12	17.99	19	2.5			
3	256QAM	8	4	17.90	17.82	17.75					
3	256QAM	8	7	17.80	18.09	17.91					
3	256QAM	15	0	18.12	17.94	17.79					
Channel				20407	20525	20643					
Frequency (MHz)				824.7	836.5	848.3					
1.4	QPSK	1	0	20.03	20.13	20.12	21.5	0			
1.4	QPSK	1	3	20.10	20.08	20.06					
1.4	QPSK	1	5	20.10	20.01	20.11					
1.4	QPSK	3	0	20.10	20.05	20.01	21.5	0			
1.4	QPSK	3	1	20.01	20.07	20.06					
1.4	QPSK	3	3	19.98	20.09	19.99					
1.4	QPSK	6	0	20.02	20.02	20.02	21.5	0			
1.4	16QAM	1	0	19.99	20.02	20.04					
1.4	16QAM	1	3	20.09	20.08	20.09					
1.4	16QAM	1	5	20.06	20.05	20.03	21.5	0			
1.4	16QAM	3	0	20.09	20.02	20.12					
1.4	16QAM	3	1	20.03	20.10	20.12					
1.4	16QAM	3	3	19.99	20.13	20.04	21.5	0			
1.4	16QAM	6	0	20.10	20.08	20.08					
1.4	64QAM	1	0	19.98	20.08	20.09					
1.4	64QAM	1	3	20.00	20.04	20.02	21.5	0			
1.4	64QAM	1	5	20.04	20.12	19.98					
1.4	64QAM	3	0	20.07	20.08	20.00					
1.4	64QAM	3	1	20.01	20.13	20.05	21	0.5			
1.4	64QAM	3	3	20.03	20.11	20.10					
1.4	64QAM	6	0	20.00	20.06	20.12	21	0.5			
1.4	256QAM	1	0	17.96	18.01	18.06					
1.4	256QAM	1	3	18.10	18.10	17.94	19	2.5			
1.4	256QAM	1	5	17.71	17.86	18.02					
1.4	256QAM	3	0	17.91	18.03	17.98					
1.4	256QAM	3	1	18.05	18.06	17.98	19	2.5			
1.4	256QAM	3	3	17.83	17.92	18.02					
1.4	256QAM	6	0	18.02	17.97	18.08					

Full & Default Power

n5 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq. 166800	Power Middle Ch / Freq. 167300	Power High Ch / Freq. 167800	Tune-up limit (dBm)	MPR (dB)	
Channel				834	836.5	839			
Frequency (MHz)									
20	PI/2 BPSK	1	1	23.11	23.21	23.17	24.0	0.0	
20	PI/2 BPSK	1	53	23.01	23.18	23.10			
20	PI/2 BPSK	1	104	23.03	23.04	22.92			
20	PI/2 BPSK	50	0	22.53	22.65	22.65	23.5	0.5	
20	PI/2 BPSK	50	28	22.97	23.14	23.15	24.0	0.0	
20	PI/2 BPSK	50	56	22.39	22.58	22.38	23.5	0.5	
20	PI/2 BPSK	100	0	22.54	22.63	22.52			
20	QPSK	1	1	23.23	23.25	23.24	24.0	0.0	
20	QPSK	1	53	23.14	23.15	23.00			
20	QPSK	1	104	22.92	23.07	23.08			
20	QPSK	50	0	22.01	22.19	22.20	23.0	1.0	
20	QPSK	50	28	23.11	23.13	22.97	24.0	0.0	
20	QPSK	50	56	22.00	22.12	22.13	23.0	1.0	
20	QPSK	100	0	22.15	22.17	22.10			
20	16QAM	1	1	22.17	22.36	22.16	23.0	1.0	
20	64QAM	1	1	20.82	20.86	20.86	21.5	2.5	
20	256QAM	1	1	18.85	18.87	18.80	19.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	24.0 <td colspan="2">0.0</td>	0.0	
15	QPSK	1	1	23.21	23.07	23.16	24.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	24.0 <td colspan="2">0.0</td>	0.0	
10	QPSK	1	1	23.03	23.16	23.18	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	24.0 <td colspan="2">0.0</td>	0.0	
5	QPSK	1	1	23.05	23.06	23.16	24.0	0.0	

n26 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	23.57	23.48	23.54	24.0	0.0	
20	PI/2 BPSK	1	53	23.43	23.45	23.63			
20	PI/2 BPSK	1	104	23.57	23.64	23.41			
20	PI/2 BPSK	50	0	23.07	23.20	23.11	23.5	0.5	
20	PI/2 BPSK	50	28	23.56	23.51	23.43	24.0	0.0	
20	PI/2 BPSK	50	56	23.04	23.15	23.06	23.5	0.5	
20	PI/2 BPSK	100	0	23.02	23.22	23.19			
20	QPSK	1	1	23.58	23.65	23.62	24.0	0.0	
20	QPSK	1	53	23.37	23.65	23.49			
20	QPSK	1	104	23.54	23.54	23.44			
20	QPSK	50	0	22.67	22.67	22.56	23.0	1.0	
20	QPSK	50	28	23.50	23.52	23.45	24.0	0.0	
20	QPSK	50	56	22.53	22.70	22.71	23.0	1.0	
20	QPSK	100	0	22.51	22.58	22.57			
20	16QAM	1	1	22.47	22.80	22.61	23.0	1.0	
20	64QAM	1	1	21.03	21.12	21.03	21.5	2.5	
20	256QAM	1	1	19.02	19.16	19.07	19.5	4.5	
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	24.0	0.0	
15	QPSK	1	1	23.51	23.60	23.42	24.0	0.0	
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	24.0	0.0	
10	QPSK	1	1	23.54	23.47	23.44	24.0	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	24.0 <td colspan="2">0.0</td>	0.0	
5	QPSK	1	1	23.48	23.50	23.53	24.0	0.0	

n2 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				372000	376000	380000	24.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	23.45	23.45	23.26		
20	PI2 BPSK	1	53	23.41	23.44	23.25		
20	PI2 BPSK	1	104	23.27	23.47	23.30	23.5	0.5
20	PI2 BPSK	50	0	22.76	22.81	22.82	23.5	0.5
20	PI2 BPSK	50	28	23.40	23.43	23.41	24.0	0.0
20	PI2 BPSK	50	56	22.73	22.88	22.87	23.5	0.5
20	PI2 BPSK	100	0	22.79	22.91	22.73	24.0	0.0
20	QPSK	1	1	23.45	23.46	23.43		
20	QPSK	1	53	23.40	23.45	23.39		
20	QPSK	1	104	23.45	23.43	23.31		
20	QPSK	50	0	22.32	22.42	22.29	23.0	1.0
20	QPSK	50	28	23.24	23.43	23.30	24.0	0.0
20	QPSK	50	56	22.26	22.36	22.38	23.0	1.0
20	QPSK	100	0	22.34	22.41	22.32	23.0	1.0
20	16QAM	1	1	22.46	22.58	22.52		
20	64QAM	1	1	21.12	21.11	21.00		
20	256QAM	1	1	18.88	19.06	18.93		
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	23.44	23.40	23.37	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1905	1920	1905		
10	QPSK	1	1	23.26	23.40	23.39	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	23.34	23.41	23.44	24.0	0.0

n7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000	24.0	0.0
Frequency (MHz)				2620	2635	2650		
40	PI2 BPSK	1	1	23.46	23.38	23.22		
40	PI2 BPSK	1	135	23.41	23.27	23.24		
40	PI2 BPSK	1	268	23.13	23.41	23.19	23.5	0.5
40	PI2 BPSK	135	0	22.57	22.73	22.66	23.5	0.5
40	PI2 BPSK	135	68	23.20	23.33	23.34	24.0	0.0
40	PI2 BPSK	135	135	22.56	22.84	22.69	23.5	0.5
40	PI2 BPSK	270	0	22.73	22.91	22.58	24.0	0.0
40	QPSK	1	1	23.42	23.47	23.29		
40	QPSK	1	135	23.22	23.27	23.35		
40	QPSK	1	268	23.28	23.38	23.17		
40	QPSK	135	0	22.13	22.42	22.21	23.0	1.0
40	QPSK	135	68	23.06	23.25	23.09	24.0	0.0
40	QPSK	135	135	22.16	22.18	22.36	23.0	1.0
40	QPSK	270	0	22.28	22.41	22.21	23.0	1.0
40	16QAM	1	1	22.46	22.38	22.36		
40	64QAM	1	1	21.09	20.98	21.00		
40	256QAM	1	1	18.84	18.96	18.77		
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2615	2635	2655		
30	QPSK	1	1	23.20	23.38	23.25	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2612.5	2635	2657.5		
25	QPSK	1	1	23.39	23.30	23.20	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2610	2635	2650		
20	PI2 BPSK	1	1	23.23	23.32	23.11	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2607.5	2635	2662.5		
15	QPSK	1	1	23.42	23.37	23.08	19REF1	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2605	2635	2665		
10	QPSK	1	1	23.33	23.40	23.20	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2592.5	2635	2667.5		
5	QPSK	1	1	23.42	23.36	23.06	24.0	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				346000	348000	350000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	23.13	23.02	22.98		
40	PI2 BPSK	1	108	23.10	22.86	23.03	24.0	0.0
40	PI2 BPSK	1	214	22.76	23.04	22.79	23.5	0.5
40	PI2 BPSK	108	0	22.37	22.50	22.34	23.5	0.5
40	PI2 BPSK	108	54	22.86	23.01	23.03	24.0	0.0
40	PI2 BPSK	108	108	22.15	22.83	22.37	23.5	0.5
40	PI2 BPSK	216	0	22.51	22.53	22.38	24.0	0.0
40	QPSK	1	1	23.21	23.25	23.11		
40	QPSK	1	108	23.03	23.07	23.17		
40	QPSK	1	214	22.88	23.05	22.78		
40	QPSK	108	0	21.73	22.00	21.95	23.0	1.0
40	QPSK	108	54	22.73	22.87	22.85	24.0	0.0
40	QPSK	108	108	21.94	21.95	22.14	23.0	1.0
40	QPSK	216	0	21.89	22.15	22.01	23.0	1.0
40	16QAM	1	1	22.14	22.20	22.04		
40	64QAM	1	1	20.89	20.88	20.79		
40	256QAM	1	1	18.47	18.57	18.37		
Channel				345000	348000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.01	23.18	22.90	24.0	0.0
Channel				345000	348000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.12	23.09	22.94	24.0	0.0
Channel				344500	348000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.10	23.08	23.09	24.0	0.0
Channel				344000	348000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.20	23.06	22.99	24.0	0.0
Channel				343500	348000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.22	23.15	23.03	24.0	0.0
Channel				343000	348000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.01	23.06	23.02	24.0	0.0
Channel				342500	348000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.99	23.18	22.89	24.0	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	1880	1900		
20	PI2 BPSK	1	1	22.66	22.77	22.60		
20	PI2 BPSK	1	53	22.74	22.82	22.74	24.0	0.0
20	PI2 BPSK	1	104	22.72	22.78	22.66		
20	PI2 BPSK	50	0	22.16	22.15	21.99	23.5	0.5
20	PI2 BPSK	50	28	22.68	22.74	22.52	24.0	0.0
20	PI2 BPSK	50	56	22.17	22.20	22.09	23.5	0.5
20	PI2 BPSK	100	0	22.21	22.19	21.98		
20	QPSK	1	1	22.81	22.83	22.78		
20	QPSK	1	53	22.81	22.81	22.81	24.0	0.0
20	QPSK	1	104	22.61	22.80	22.74		
20	QPSK	50	0	21.87	21.69	21.66	23.0	1.0
20	QPSK	50	28	22.70	22.75	22.63	24.0	0.0
20	QPSK	50	56	21.57	21.67	21.55	23.0	1.0
20	QPSK	100	0	21.85	21.72	21.54		
20	16QAM	1	1	21.69	21.85	21.79	23.0	1.0
20	64QAM	1	1	20.29	20.39	20.38	21.5	2.5
20	256QAM	1	1	18.15	18.36	18.32	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.81	22.68	22.67	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.76	22.67	22.72	24.0	0.0
Channel				375500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.77	22.75	22.76	24.0	0.0

n5 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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	22.97	23.15	22.94		
20	PI2 BPSK	1	53	22.97	23.09	23.03	24.0	0.0
20	PI2 BPSK	1	104	23.02	23.04	23.07		
20	PI2 BPSK	50	0	22.46	22.37	22.34	23.5	0.5
20	PI2 BPSK	50	28	22.87	23.13	22.87	24.0	0.0
20	PI2 BPSK	50	56	22.46	22.39	22.44	23.5	0.5
20	PI2 BPSK	100	0	22.63	22.54	22.23		
20	QPSK	1	1	23.09	23.16	23.13		
20	QPSK	1	53	22.99	23.09	23.12	24.0	0.0
20	QPSK	1	104	22.88	23.11	22.95		
20	QPSK	50	0	22.08	22.03	22.07	23.0	1.0
20	QPSK	50	28	23.04	23.07	23.04	24.0	0.0
20	QPSK	50	56	21.93	22.01	21.86	23.0	1.0
20	QPSK	100	0	21.90	22.00	21.89		
20	16QAM	1	1	21.93	22.19	22.16	23.0	1.0
20	64QAM	1	1	20.48	20.74	20.69	21.5	2.5
20	256QAM	1	1	18.39	18.66	18.53	19.5	4.5
Channel				166300	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.11	22.99	23.04	24.0	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	836.5	844		
10	QPSK	1	1	23.11	23.12	22.93	24.0	0.0
Channel				166300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.98	22.97	23.06	24.0	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	22.99	23.17	22.76		
40	PI2 BPSK	1	135	23.00	23.09	22.92	24.0	0.0
40	PI2 BPSK	1	268	23.02	22.96	23.11		
40	PI2 BPSK	135	0	22.44	22.31	22.31	23.5	0.5
40	PI2 BPSK	135	68	22.85	23.13	22.82	24.0	0.0
40	PI2 BPSK	135	135	22.43	22.38	22.34	23.5	0.5
40	PI2 BPSK	270	0	22.53	22.44	22.11		
40	QPSK	1	1	23.07	23.25	23.13		
40	QPSK	1	135	22.95	23.01	23.16	24.0	0.0
40	QPSK	1	268	22.79	23.21	22.83		
40	QPSK	135	0	22.02	22.14	22.12	23.0	1.0
40	QPSK	135	68	22.94	23.08	23.06	24.0	0.0
40	QPSK	135	135	21.88	21.92	21.73	23.0	1.0
40	QPSK	270	0	21.92	22.06	21.98		
40	16QAM	1	1	21.94	22.20	22.24	23.0	1.0
40	64QAM	1	1	20.52	20.73	20.79	21.5	2.5
40	256QAM	1	1	18.28	18.68	18.42	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.95	23.04	23.10	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.98	23.05	23.12	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	22.89	23.22	22.98	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.01	23.22	22.96	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.94	23.07	22.94	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.87	23.07	22.96	24.0	0.0

n26 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				168300	168300	167600	24.0	0.0
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.14	23.28	22.94	24.0	0.0
20	PI/2 BPSK	1	53	23.11	23.18	23.12		
20	PI/2 BPSK	1	104	23.17	23.10	23.20	23.5	0.5
20	PI/2 BPSK	50	0	22.82	22.40	22.51		
20	PI/2 BPSK	50	28	23.00	23.32	23.05	24.0	0.0
20	PI/2 BPSK	50	58	22.50	22.43	22.61	23.5	0.5
20	PI/2 BPSK	100	0	22.73	22.66	22.39	24.0	0.0
20	QPSK	1	1	23.21	23.39	23.25		
20	QPSK	1	53	23.12	23.15	23.20	24.0	0.0
20	QPSK	1	104	22.93	23.30	23.08		
20	QPSK	50	0	22.29	22.07	22.10	23.0	1.0
20	QPSK	50	28	23.15	23.19	23.13	24.0	0.0
20	QPSK	50	58	22.96	22.16	21.84	23.0	1.0
20	QPSK	100	0	21.93	22.02	22.00	23.0	1.0
20	16QAM	1	1	22.00	22.36	22.31		
20	64QAM	1	1	20.87	20.87	20.74	21.5	2.5
20	256QAM	1	1	18.52	18.87	18.68	19.5	4.5
Channel				168300	168300	167600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.20	23.26	23.17	24.0	0.0
Channel				163800	166300	166800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				117	831.5	841		
10	QPSK	1	1	23.04	23.37	23.20	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.16	23.25	23.15	24.0	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				345000	345000	345000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.22	22.19	22.31	24.0	0.0
40	PI/2 BPSK	1	108	22.07	22.30	22.09		
40	PI/2 BPSK	1	214	22.07	22.01	22.19	23.5	0.5
40	PI/2 BPSK	108	0	21.96	21.96	21.92		
40	PI/2 BPSK	108	54	22.08	22.33	22.05	24.0	0.0
40	PI/2 BPSK	108	108	21.94	21.84	21.72	23.5	0.5
40	PI/2 BPSK	216	0	21.77	21.90	21.58		
40	QPSK	1	1	22.33	22.43	22.36	24.0	0.0
40	QPSK	1	108	22.31	22.13	22.32		
40	QPSK	1	214	22.30	22.34	22.14	23.0	1.0
40	QPSK	108	0	21.56	21.63	21.58		
40	QPSK	108	54	22.09	22.25	22.09	24.0	0.0
40	QPSK	108	108	21.01	21.16	21.86	23.0	1.0
40	QPSK	216	0	21.46	21.47	21.01		
40	16QAM	1	1	21.05	21.27	21.34	23.0	1.0
40	64QAM	1	1	19.61	19.91	19.85	21.5	2.5
40	256QAM	1	1	17.52	17.88	17.78	19.5	4.5
Channel				345000	345000	345000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.29	22.22	22.15	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.29	22.34	22.27	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.16	22.37	22.32	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.32	22.41	22.16	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.33	22.42	22.33	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.16	22.33	22.38	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.16	22.25	22.30	24.0	0.0

Part27Q n78 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				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	20.48			22.0	0.0
100	PI/2 BPSK	1	137	20.38				
100	PI/2 BPSK	1	271	20.34				
100	PI/2 BPSK	135	0	19.74			21.5	0.5
100	PI/2 BPSK	135	69	20.48			22.0	0.0
100	PI/2 BPSK	135	138	20.01			21.5	0.5
100	PI/2 BPSK	270	0	19.93				
100	QPSK	1	1	20.64			22.0	0.0
100	QPSK	1	137	20.51				
100	QPSK	1	271	20.47				
100	QPSK	135	0	19.23			21.0	1.0
100	QPSK	135	69	20.44			22.0	0.0
100	QPSK	135	138	19.50			21.0	1.0
100	QPSK	270	0	19.40				
100	16QAM	1	1	19.22			21.0	1.0
100	64QAM	1	1	17.72			19.5	2.5
100	256QAM	1	1	15.65			17.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	20.47	20.47	20.53	22.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.48	20.52	20.57	22.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	20.47	20.51	20.62	22.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	20.52	20.44	20.60	22.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.43	20.47	20.50	22.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	20.42	20.49	20.45	22.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	20.45	20.51	20.58	22.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.54	20.53	20.48	22.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	20.55	20.50	20.52	22.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	20.52	20.47	20.51	22.0	0.0

Part27Q n78 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				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
100	QPSK	1	1	23.50	23.62	23.53	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.56	23.49	23.65	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.53	23.54	23.51	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.50	23.67	23.64	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.55	23.50	23.54	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.49	23.58	23.53	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.59	23.57	23.61	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.49	23.62	23.58	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3500.01	3542.52		
15	QPSK	1	1	23.53	23.64	23.63	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.56	23.64	23.61	24.0	0.0

Part27Q n78 Ant 7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334			23.0	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		22.23			
100	PI/2 BPSK	1	137		22.16			
100	PI/2 BPSK	1	271		22.04			
100	PI/2 BPSK	135	0		21.71		22.5	0.5
100	PI/2 BPSK	135	69		22.11		23.0	0.0
100	PI/2 BPSK	135	138		21.55		22.5	0.5
100	PI/2 BPSK	270	0		21.61			
100	QPSK	1	1		22.28		23.0	0.0
100	QPSK	1	137		22.19			
100	QPSK	1	271		22.09			
100	QPSK	135	0		21.22		22.0	1.0
100	QPSK	135	69		22.17		23.0	0.0
100	QPSK	135	138		20.98		22.0	1.0
100	QPSK	270	0		21.04			
100	16QAM	1	1		21.05		22.0	1.0
100	64QAM	1	1		19.44		20.5	2.5
100	256QAM	1	1		17.84		18.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	22.13	22.17	22.12	23.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	22.17	22.23	22.11	23.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	22.18	22.16	22.12	23.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	22.25	22.13	22.14	23.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	22.13	22.11	22.24	23.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	22.19	22.14	22.23	23.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	22.22	22.13	22.25	23.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	22.23	22.18	22.18	23.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	22.15	22.15	22.12	23.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	22.21	22.23	22.21	23.0	0.0

Part27Q n78 Ant 9								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334			22.0	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	20.52				
100	PI/2 BPSK	1	137	20.65				
100	PI/2 BPSK	1	271	20.71				
100	PI/2 BPSK	135	0	20.22			21.5	0.5
100	PI/2 BPSK	135	69	20.63			22.0	0.0
100	PI/2 BPSK	135	138	20.18			21.5	0.5
100	PI/2 BPSK	270	0	20.11				
100	QPSK	1	1	20.79			22.0	0.0
100	QPSK	1	137	20.66				
100	QPSK	1	271	20.68				
100	QPSK	135	0	19.72			21.0	1.0
100	QPSK	135	69	20.75			22.0	0.0
100	QPSK	135	138	19.66			21.0	1.0
100	QPSK	270	0	19.72				
100	16QAM	1	1	19.71			21.0	1.0
100	64QAM	1	1	18.18			19.5	2.5
100	256QAM	1	1	16.16			17.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	20.66	20.75	20.57	22.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.61	20.63	20.64	22.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	20.74	20.72	20.65	22.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	20.71	20.62	20.66	22.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.75	20.59	20.76	22.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	20.64	20.66	20.66	22.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	20.59	20.75	20.66	22.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.69	20.73	20.78	22.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3467.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	20.60	20.65	20.68	22.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3465.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	20.72	20.71	20.61	22.0	0.0

Reduced Power Mode for DS12

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	24.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	23.11	23.21	23.17			
20	PI/2 BPSK	1	53	23.01	23.18	23.10	24.0	0.0	
20	PI/2 BPSK	1	104	23.03	23.04	22.92			
20	PI/2 BPSK	50	0	22.53	22.65	22.65		0.5	
20	PI/2 BPSK	50	28	22.97	23.14	23.15	24.0	0.0	
20	PI/2 BPSK	50	56	22.39	22.58	22.38			
20	PI/2 BPSK	100	0	22.54	22.63	22.52	23.5	0.5	
20	QPSK	1	1	23.23	23.25	23.24			
20	QPSK	1	53	23.14	23.15	23.00	24.0	0.0	
20	QPSK	1	104	22.92	23.07	23.08			
20	QPSK	50	0	22.01	22.19	22.20	23.0	1.0	
20	QPSK	50	28	23.11	23.13	22.97			
20	QPSK	50	56	22.00	22.12	22.13		23.0	
20	QPSK	100	0	22.15	22.17	22.10	23.0	1.0	
20	16QAM	1	1	22.17	22.36	22.16			
20	64QAM	1	1	20.82	20.86	20.86	21.5	2.5	
20	256QAM	1	1	18.85	18.87	18.80			
Channel				166300	167300	168300	24.0	0.0	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	23.21	23.07	23.16		24.0	
Channel				165800	167300	168800	24.0	0.0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	23.03	23.16	23.18		24.0	
Channel				165300	167300	169300	24.0	0.0	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	23.05	23.06	23.16		24.0	

n26 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800	24.0	0.0	
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	23.57	23.48	23.54			
20	PI/2 BPSK	1	53	23.43	23.45	23.63	24.0	0.0	
20	PI/2 BPSK	1	104	23.57	23.64	23.41			
20	PI/2 BPSK	50	0	23.07	23.20	23.11		23.5	
20	PI/2 BPSK	50	28	23.56	23.51	23.43	23.5	0.5	
20	PI/2 BPSK	50	56	23.04	23.15	23.06			
20	PI/2 BPSK	100	0	23.02	23.22	23.19		24.0	
20	QPSK	1	1	23.58	23.65	23.62	24.0	0.0	
20	QPSK	1	53	23.37	23.65	23.49			
20	QPSK	1	104	23.54	23.54	23.44		23.0	
20	QPSK	50	0	22.67	22.67	22.56	23.0	1.0	
20	QPSK	50	28	23.50	23.52	23.45			
20	QPSK	50	56	22.53	22.70	22.71		23.0	
20	QPSK	100	0	22.51	22.58	22.57	23.0	1.0	
20	16QAM	1	1	22.47	22.80	22.61			
20	64QAM	1	1	21.03	21.12	21.03	21.5	2.5	
20	256QAM	1	1	19.02	19.16	19.07			
Channel				164300	166300	168300	24.0	0.0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	23.51	23.60	23.42		24.0	
Channel				163800	166300	168800	24.0	0.0	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	23.54	23.47	23.44		24.0	
Channel				163300	166300	169300	24.0	0.0	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	23.48	23.50	23.53		24.0	

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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	24.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	23.45	23.45	23.26		
20	PI2 BPSK	1	53	23.41	23.44	23.25		
20	PI2 BPSK	1	104	23.27	23.47	23.30	23.5	0.5
20	PI2 BPSK	50	0	22.76	22.81	22.82	23.5	0.5
20	PI2 BPSK	50	28	23.40	23.43	23.41	24.0	0.0
20	PI2 BPSK	50	56	22.73	22.88	22.87	23.5	0.5
20	PI2 BPSK	100	0	22.79	22.91	22.73	24.0	0.0
20	QPSK	1	1	23.45	23.46	23.43		
20	QPSK	1	53	23.40	23.45	23.39		
20	QPSK	1	104	23.45	23.43	23.31		
20	QPSK	50	0	22.32	22.42	22.29	23.0	1.0
20	QPSK	50	28	23.24	23.43	23.30	24.0	0.0
20	QPSK	50	56	22.26	22.36	22.38	23.0	1.0
20	QPSK	100	0	22.34	22.41	22.32	23.0	1.0
20	16QAM	1	1	22.46	22.58	22.52		
20	64QAM	1	1	21.12	21.11	21.00		
20	256QAM	1	1	18.88	19.06	18.93		
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	23.44	23.40	23.37	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1905	1920	1905		
10	QPSK	1	1	23.26	23.40	23.39	24.0	0.0
Channel				375500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	23.34	23.41	23.44	24.0	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				504000	507000	510000	24.0	0.0
Frequency (MHz)				2620	2635	2650		
40	PI2 BPSK	1	1	23.46	23.38	23.22		
40	PI2 BPSK	1	135	23.41	23.27	23.24		
40	PI2 BPSK	1	268	23.13	23.41	23.19	23.5	0.5
40	PI2 BPSK	135	0	22.57	22.73	22.66	23.5	0.5
40	PI2 BPSK	135	68	23.20	23.33	23.34	24.0	0.0
40	PI2 BPSK	135	135	22.56	22.84	22.69	23.5	0.5
40	PI2 BPSK	270	0	22.73	22.91	22.58	24.0	0.0
40	QPSK	1	1	23.42	23.47	23.29		
40	QPSK	1	135	23.22	23.27	23.35		
40	QPSK	1	268	23.28	23.38	23.17		
40	QPSK	135	0	22.13	22.42	22.21	23.0	1.0
40	QPSK	135	68	23.06	23.25	23.09	24.0	0.0
40	QPSK	135	135	22.16	22.18	22.36	23.0	1.0
40	QPSK	270	0	22.28	22.41	22.21	23.0	1.0
40	16QAM	1	1	22.46	22.38	22.36		
40	64QAM	1	1	21.09	20.98	21.00		
40	256QAM	1	1	18.84	18.96	18.77		
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2615	2635	2655		
30	QPSK	1	1	23.20	23.38	23.25	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2612.5	2635	2657.5		
25	QPSK	1	1	23.39	23.30	23.20	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2610	2635	2660		
20	PI2 BPSK	1	1	23.23	23.32	23.11	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2607.5	2635	2662.5		
15	QPSK	1	1	23.42	23.37	23.08	#REF!	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2605	2635	2665		
10	QPSK	1	1	23.33	23.40	23.20	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2592.5	2635	2667.5		
5	QPSK	1	1	23.42	23.36	23.06	24.0	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				346000	348000	350000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	23.13	23.02	22.98		
40	PI2 BPSK	1	108	23.10	22.86	23.03		
40	PI2 BPSK	1	214	22.76	23.04	22.79	23.5	0.5
40	PI2 BPSK	108	0	22.37	22.50	22.34	23.5	0.5
40	PI2 BPSK	108	54	22.86	23.01	23.03	24.0	0.0
40	PI2 BPSK	108	108	22.15	22.83	22.37	23.5	0.5
40	PI2 BPSK	216	0	22.51	22.53	22.38	24.0	0.0
40	QPSK	1	1	23.21	23.25	23.11		
40	QPSK	1	108	23.03	23.07	23.17		
40	QPSK	1	214	22.88	23.05	22.78		
40	QPSK	108	0	21.73	22.00	21.95	23.0	1.0
40	QPSK	108	54	22.73	22.87	22.85	24.0	0.0
40	QPSK	108	108	21.94	21.95	22.14	23.0	1.0
40	QPSK	216	0	21.89	22.15	22.01	23.0	1.0
40	16QAM	1	1	22.14	22.20	22.04		
40	64QAM	1	1	20.69	20.68	20.79		
40	256QAM	1	1	18.47	18.57	18.37		
Channel				345000	348000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.01	23.18	22.90	#VALUE!	0.0
Channel				345000	348000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.12	23.09	22.94	24.0	0.0
Channel				344500	348000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.10	23.08	23.09	24.0	0.0
Channel				344000	348000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.20	23.06	22.99	24.0	0.0
Channel				343500	348000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.22	23.15	23.03	24.0	0.0
Channel				343000	348000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.01	23.06	23.02	24.0	0.0
Channel				342500	348000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.99	23.18	22.89	24.0	0.0

n2 Ant 4 DSI2

BW [MHz]	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	1880	1900		
20	PI2 BPSK	1	1	19.08	19.18	18.97		
20	PI2 BPSK	1	53	19.20	19.20	19.03	20.2	0.0
20	PI2 BPSK	1	104	19.11	19.29	19.00	20.2	0.0
20	PI2 BPSK	50	0	19.17	19.12	19.05	20.2	0.0
20	PI2 BPSK	50	28	19.04	19.30	19.12	20.2	0.0
20	PI2 BPSK	50	56	19.01	19.11	19.07	20.2	0.0
20	PI2 BPSK	100	0	19.13	19.30	19.01		
20	QPSK	1	1	19.22	19.31	19.16	20.2	0.0
20	QPSK	1	53	19.13	19.20	18.95		
20	QPSK	1	104	19.02	19.24	19.05		
20	QPSK	50	0	19.13	19.17	19.00	20.2	0.0
20	QPSK	50	28	19.18	19.27	19.21	20.2	0.0
20	QPSK	50	56	19.06	19.13	19.02	20.2	0.0
20	QPSK	100	0	19.05	19.14	19.03		
20	16QAM	1	1	19.03	19.24	19.16	20.2	0.0
20	64QAM	1	1	19.06	19.15	19.00	20.2	0.0
20	256QAM	1	1	19.15	19.36	19.32	19.5	0.7
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	19.23	19.16	18.98	20.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1905	1900	1905		
10	QPSK	1	1	19.06	19.30	19.02	20.2	0.0
Channel				375500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	19.14	19.28	19.13	20.2	0.0

n5 Ant 4 DSI2

BW [MHz]	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		
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	21.42	21.84	21.67		
20	PI2 BPSK	1	53	21.56	21.70	21.55	23.0	0.0
20	PI2 BPSK	1	104	21.36	21.61	21.61	23.0	0.0
20	PI2 BPSK	50	0	21.61	21.79	21.54	23.0	0.0
20	PI2 BPSK	50	28	21.61	21.82	21.37	23.0	0.0
20	PI2 BPSK	50	56	21.60	21.64	21.67	23.0	0.0
20	PI2 BPSK	100	0	21.66	21.75	21.54		
20	QPSK	1	1	21.65	21.93	21.57	23.0	0.0
20	QPSK	1	53	21.68	21.84	21.58		
20	QPSK	1	104	21.51	21.81	21.57		
20	QPSK	50	0	21.59	21.73	21.57	23.0	0.0
20	QPSK	50	28	21.63	21.79	21.61	23.0	0.0
20	QPSK	50	56	21.58	21.60	21.54	23.0	0.0
20	QPSK	100	0	21.55	21.76	21.71		
20	16QAM	1	1	21.44	21.73	21.54	23.0	0.0
20	64QAM	1	1	20.48	20.74	20.69	21.5	1.5
20	256QAM	1	1	18.39	18.66	18.53	19.5	3.5
Channel				166300	167300	167300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.53	21.71	21.64	23.0	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	836.5	844		
10	QPSK	1	1	21.39	21.85	21.64	23.0	0.0
Channel				166300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.48	21.68	21.52	23.0	0.0

n7 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	18.00	18.08	18.05		
40	PI2 BPSK	1	135	17.84	18.16	17.85	18.8	0.0
40	PI2 BPSK	1	268	18.07	18.14	18.02		
40	PI2 BPSK	135	0	18.01	18.09	17.98	18.8	0.0
40	PI2 BPSK	135	68	18.03	18.17	17.85	18.8	0.0
40	PI2 BPSK	135	135	18.06	18.07	17.86	18.8	0.0
40	PI2 BPSK	270	0	18.10	18.01	17.95		
40	QPSK	1	1	18.13	18.16	18.05		
40	QPSK	1	135	18.11	18.17	17.95	18.8	0.0
40	QPSK	1	268	17.98	18.03	17.89		
40	QPSK	135	0	18.06	18.14	18.07	18.8	0.0
40	QPSK	135	68	18.01	18.15	17.89	18.8	0.0
40	QPSK	135	135	18.03	18.07	17.86	18.8	0.0
40	QPSK	270	0	17.99	18.01	17.85		
40	16QAM	1	1	17.94	18.10	17.94	18.8	0.0
40	64QAM	1	1	18.02	18.09	17.83	18.8	0.0
40	256QAM	1	1	18.07	17.99	17.96	18.8	0.0
Channel				503500	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.02	18.12	17.98	18.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.12	18.07	18.04	18.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	18.09	18.05	17.88	18.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.05	18.07	17.89	18.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.07	17.99	17.91	18.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.97	18.15	18.06	18.8	0.0

n26 Ant 4 DSI2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				168500	169300	167600	23.0	0.0	
Frequency (MHz)				824	831.5	839			
20	PI2 BPSK	1	1	21.56	21.84	21.68			
20	PI2 BPSK	1	53	21.64	21.84	21.65			
20	PI2 BPSK	1	104	21.57	21.78	21.73	23.0	0.0	
20	PI2 BPSK	50	0	21.72	21.83	21.81	23.0	0.0	
20	PI2 BPSK	50	28	21.73	21.97	21.55	23.0	0.0	
20	PI2 BPSK	50	58	21.71	21.82	21.72	23.0	0.0	
20	PI2 BPSK	100	0	21.75	21.77	21.73	23.0	0.0	
20	QPSK	1	1	21.75	21.98	21.78			
20	QPSK	1	53	21.74	21.88	21.83			
20	QPSK	1	104	21.71	21.89	21.78			
20	QPSK	50	0	21.73	21.86	21.73	23.0	0.0	
20	QPSK	50	28	21.84	21.87	21.82	23.0	0.0	
20	QPSK	50	58	21.81	21.78	21.86	23.0	0.0	
20	QPSK	100	0	21.56	21.95	21.77	23.0	0.0	
20	16QAM	1	1	21.65	21.86	21.69	23.0	0.0	
20	64QAM	1	1	20.87	20.87	20.74	21.5	1.5	
20	256QAM	1	1	18.52	18.87	18.68	19.5	3.5	
Channel				168300	169300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	23.0	0.0	
15	QPSK	1	1	21.55	21.81	21.76	23.0	0.0	
Channel				163800	166300	166800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				817	831.5	844	23.0	0.0	
10	QPSK	1	1	21.55	21.89	21.72	23.0	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	23.0	0.0	
5	QPSK	1	1	21.67	21.90	21.57	23.0	0.0	

n66 Ant 4 DSI2									
BW [MHz]	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	345000	19.4	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI2 BPSK	1	1	18.41	18.29	18.38			
40	PI2 BPSK	1	108	18.24	18.31	18.33			
40	PI2 BPSK	1	214	18.39	18.50	18.29	19.4	0.0	
40	PI2 BPSK	108	0	18.23	18.31	18.40	19.4	0.0	
40	PI2 BPSK	108	54	18.38	18.32	18.35	19.4	0.0	
40	PI2 BPSK	108	108	18.26	18.50	18.47	19.4	0.0	
40	PI2 BPSK	216	0	18.34	18.34	18.35	19.4	0.0	
40	QPSK	1	1	18.41	18.51	18.49			
40	QPSK	1	108	18.42	18.42	18.43			
40	QPSK	1	214	18.31	18.40	18.31			
40	QPSK	108	0	18.28	18.50	18.48	19.4	0.0	
40	QPSK	108	54	18.22	18.38	18.27	19.4	0.0	
40	QPSK	108	108	18.22	18.48	18.43	19.4	0.0	
40	QPSK	216	0	18.25	18.36	18.29	19.4	0.0	
40	16QAM	1	1	18.24	18.42	18.44	19.4	0.0	
40	64QAM	1	1	18.26	18.37	18.50	19.4	0.0	
40	256QAM	1	1	17.52	17.88	17.78	19.4	0.0	
Channel				345000	349000	345000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5	19.4	0.0	
35	QPSK	1	1	18.23	18.37	18.28	19.4	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	19.4	0.0	
30	QPSK	1	1	18.42	18.50	18.39	19.4	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5	19.4	0.0	
25	QPSK	1	1	18.36	18.47	18.30	19.4	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	19.4	0.0	
20	QPSK	1	1	18.34	18.30	18.47	19.4	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	19.4	0.0	
15	QPSK	1	1	18.22	18.36	18.31	19.4	0.0	
Channel				343000	35000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	19.4	0.0	
10	QPSK	1	1	18.33	18.31	18.31	19.4	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	19.4	0.0	
5	QPSK	1	1	18.31	18.38	18.31	19.4	0.0	

Part27Q n78 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				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	20.48			22.0	0.0
100	PI/2 BPSK	1	137	20.38				
100	PI/2 BPSK	1	271	20.34				
100	PI/2 BPSK	135	0	19.74			21.5	0.5
100	PI/2 BPSK	135	69	20.48			22.0	0.0
100	PI/2 BPSK	135	138	20.01			21.5	0.5
100	PI/2 BPSK	270	0	19.93				
100	QPSK	1	1	20.64			22.0	0.0
100	QPSK	1	137	20.51				
100	QPSK	1	271	20.47				
100	QPSK	135	0	19.23			21.0	1.0
100	QPSK	135	69	20.44			22.0	0.0
100	QPSK	135	138	19.50			21.0	1.0
100	QPSK	270	0	19.40				
100	16QAM	1	1	19.22			21.0	1.0
100	64QAM	1	1	17.72			19.5	2.5
100	256QAM	1	1	15.65			17.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	20.47	20.47	20.53	22.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.48	20.52	20.57	22.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	20.47	20.51	20.62	22.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	20.52	20.44	20.60	22.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.43	20.47	20.50	22.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	20.42	20.49	20.45	22.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	20.45	20.51	20.58	22.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.54	20.53	20.48	22.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	20.55	20.50	20.52	22.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	20.52	20.47	20.51	22.0	0.0

Part27Q n78 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				633334			16.5	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	15.62				
100	PI/2 BPSK	1	137	15.65				
100	PI/2 BPSK	1	271	15.53				
100	PI/2 BPSK	135	0	15.63			16.5	0.0
100	PI/2 BPSK	135	69	15.60			16.5	0.0
100	PI/2 BPSK	135	138	15.60			16.5	0.0
100	PI/2 BPSK	270	0	15.60				
100	QPSK	1	1	15.67			16.5	0.0
100	QPSK	1	137	15.60				
100	QPSK	1	271	15.59				
100	QPSK	135	0	15.58			16.5	0.0
100	QPSK	135	69	15.66			16.5	0.0
100	QPSK	135	138	15.60			16.5	0.0
100	QPSK	270	0	15.63				
100	16QAM	1	1	15.64			16.5	0.0
100	64QAM	1	1	15.63			16.5	0.0
100	256QAM	1	1	15.57			16.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	15.61	15.59	15.56	16.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	15.50	15.53	15.57	16.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	15.53	15.50	15.64	16.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	15.61	15.52	15.56	16.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	15.63	15.53	15.58	16.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	15.51	15.57	15.60	16.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	15.59	15.61	15.63	16.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	15.60	15.63	15.59	16.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	15.62	15.50	15.56	16.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	15.56	15.53	15.55	16.5	0.0

Part27Q n78 Ant 7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.25			
100	PI/2 BPSK	1	137		16.18		17.3	0.0
100	PI/2 BPSK	1	271		16.25			
100	PI/2 BPSK	135	0		16.26		17.3	0.0
100	PI/2 BPSK	135	69		16.15		17.3	0.0
100	PI/2 BPSK	135	138		16.22		17.3	0.0
100	PI/2 BPSK	270	0		16.21			
100	QPSK	1	1		16.27			
100	QPSK	1	137		16.24		17.3	0.0
100	QPSK	1	271		16.14			
100	QPSK	135	0		16.20		17.3	0.0
100	QPSK	135	69		16.24		17.3	0.0
100	QPSK	135	138		16.21		17.3	0.0
100	QPSK	270	0		16.23		17.3	0.0
100	16QAM	1	1		16.24		17.3	0.0
100	64QAM	1	1		16.25		17.3	0.0
100	256QAM	1	1		16.26		17.3	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	16.12	16.15	16.19	17.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	16.17	16.18	16.19	17.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3483.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	16.13	16.15	16.22	17.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	16.10	16.12	16.16	17.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	16.16	16.18	16.12	17.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	16.11	16.15	16.17	17.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	16.10	16.20	16.19	17.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	16.22	16.14	16.19	17.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3467.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	16.22	16.22	16.19	17.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	16.13	16.23	16.17	17.3	0.0

Part27Q n78 Ant 9								
BW [MHz]	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	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
100	PI/2 BPSK	1	1	20.66	20.75	20.57	22.0	0.0
100	PI/2 BPSK	1	137					
100	PI/2 BPSK	1	271					
100	PI/2 BPSK	135	0				21.5	0.5
100	PI/2 BPSK	135	69				22.0	0.0
100	PI/2 BPSK	135	138				21.5	0.5
100	PI/2 BPSK	270	0					
100	QPSK	1	1		20.79			
100	QPSK	1	137		20.66		22.0	0.0
100	QPSK	1	271		20.68			
100	QPSK	135	0		19.72		21.0	1.0
100	QPSK	135	69		20.75		22.0	0.0
100	QPSK	135	138		19.66			
100	QPSK	270	0		19.72		21.0	1.0
100	16QAM	1	1		19.71		21.0	1.0
100	64QAM	1	1		18.18		19.5	2.5
100	256QAM	1	1		16.16		17.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.66	20.75	20.57	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.61	20.63	20.64	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.74	20.72	20.65	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.71	20.62	20.66	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.75	20.59	20.76	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.64	20.66	20.66	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.59	20.75	20.66	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.69	20.73	20.78	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3500.01	3542.52		
15	QPSK	1	1	20.60	20.65	20.69	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.72	20.71	20.61	22.0	0.0

Reduced Power Mode for DSI3

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	24.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	23.11	23.21	23.17	24.0	0.0	
20	PI/2 BPSK	1	53	23.01	23.18	23.10			
20	PI/2 BPSK	1	104	23.03	23.04	22.92			
20	PI/2 BPSK	50	0	22.53	22.65	22.65	23.5	0.5	
20	PI/2 BPSK	50	28	22.97	23.14	23.15	24.0	0.0	
20	PI/2 BPSK	50	56	22.39	22.58	22.38	23.5	0.5	
20	PI/2 BPSK	100	0	22.54	22.63	22.52			
20	QPSK	1	1	23.23	23.25	23.24	24.0	0.0	
20	QPSK	1	53	23.14	23.15	23.00			
20	QPSK	1	104	22.92	23.07	23.08			
20	QPSK	50	0	22.01	22.19	22.20	23.0	1.0	
20	QPSK	50	28	23.11	23.13	22.97	24.0	0.0	
20	QPSK	50	56	22.00	22.12	22.13	23.0	1.0	
20	QPSK	100	0	22.15	22.17	22.10			
20	16QAM	1	1	22.17	22.36	22.16	23.0	1.0	
20	64QAM	1	1	20.82	20.86	20.86	21.5	2.5	
20	256QAM	1	1	18.85	18.87	18.80	19.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	24.0	0.0	
15	QPSK	1	1	23.21	23.07	23.16	24.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	24.0	0.0	
10	QPSK	1	1	23.03	23.16	23.18	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	24.0	0.0	
5	QPSK	1	1	23.05	23.06	23.16	24.0	0.0	

n26 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800	24.0	0.0	
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	23.57	23.48	23.54	24.0	0.0	
20	PI/2 BPSK	1	53	23.43	23.45	23.63			
20	PI/2 BPSK	1	104	23.57	23.64	23.41			
20	PI/2 BPSK	50	0	23.07	23.20	23.11	23.5	0.5	
20	PI/2 BPSK	50	28	23.56	23.51	23.43	24.0	0.0	
20	PI/2 BPSK	50	56	23.04	23.15	23.06	23.5	0.5	
20	PI/2 BPSK	100	0	23.02	23.22	23.19			
20	QPSK	1	1	23.58	23.65	23.62	24.0	0.0	
20	QPSK	1	53	23.37	23.65	23.49			
20	QPSK	1	104	23.54	23.54	23.44			
20	QPSK	50	0	22.67	22.67	22.56	23.0	1.0	
20	QPSK	50	28	23.50	23.52	23.45	24.0	0.0	
20	QPSK	50	56	22.53	22.70	22.71	23.0	1.0	
20	QPSK	100	0	22.51	22.58	22.57			
20	16QAM	1	1	22.47	22.60	22.61	23.0	1.0	
20	64QAM	1	1	21.03	21.12	21.03	21.5	2.5	
20	256QAM	1	1	19.02	19.16	19.07	19.5	4.5	
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	24.0	0.0	
15	QPSK	1	1	23.51	23.60	23.42	24.0	0.0	
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	24.0	0.0	
10	QPSK	1	1	23.54	23.47	23.44	24.0	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	24.0	0.0	
5	QPSK	1	1	23.48	23.50	23.53	24.0	0.0	

n2 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				372000	376000	380000		
Frequency (MHz)				1860	1860	1900		
20	PI2 BPSK	1	1	22.23	22.43	22.17		
20	PI2 BPSK	1	53	22.28	22.19	22.26	23.5	0.0
20	PI2 BPSK	1	164	22.32	22.38	22.22		
20	PI2 BPSK	50	0	22.28	22.27	22.33	23.5	0.0
20	PI2 BPSK	50	28	22.25	22.24	22.19	23.5	0.0
20	PI2 BPSK	50	58	22.24	22.17	22.37	23.5	0.0
20	PI2 BPSK	100	0	22.41	22.36	22.21		
20	QPSK	1	1	22.41	22.46	22.35		
20	QPSK	1	53	22.31	22.37	22.30	23.5	0.0
20	QPSK	1	104	22.40	22.38	22.39		
20	QPSK	50	0	22.28	22.32	22.29	23.0	0.5
20	QPSK	50	28	22.23	22.39	22.13	23.5	0.0
20	QPSK	50	58	22.28	22.31	22.38	23.0	0.5
20	QPSK	100	0	22.34	22.41	22.32		
20	16QAM	1	1	22.24	22.18	22.27	23.0	0.5
20	64QAM	1	1	21.12	21.11	21.00	21.5	2.0
20	256QAM	1	1	18.88	19.06	18.93	19.5	4.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	22.26	22.22	22.28	23.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1860	1905		
10	QPSK	1	1	22.32	22.32	22.23	23.5	0.0
Channel				375500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1860	1907.5		
5	QPSK	1	1	22.28	22.23	22.14	23.5	0.0

n7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	22.28	22.39	22.13		
40	PI2 BPSK	1	135	22.09	22.06	22.18	23.5	0.0
40	PI2 BPSK	1	268	22.16	22.35	22.10		
40	PI2 BPSK	135	0	22.44	22.29	22.10	23.5	0.0
40	PI2 BPSK	135	68	22.14	22.23	22.31	23.5	0.0
40	PI2 BPSK	135	135	22.26	22.27	21.95	23.5	0.0
40	PI2 BPSK	270	0	22.21	22.35	22.13		
40	QPSK	1	1	22.29	22.47	22.26		
40	QPSK	1	135	22.16	22.05	22.14	23.5	0.0
40	QPSK	1	268	22.17	22.30	22.26		
40	QPSK	135	0	22.13	22.42	22.21	23.0	0.5
40	QPSK	135	68	22.31	22.44	22.28	23.5	0.0
40	QPSK	135	135	22.16	22.18	22.35	23.0	0.5
40	QPSK	270	0	22.28	22.41	22.21		
40	16QAM	1	1	22.46	22.38	22.36	23.0	0.5
40	64QAM	1	1	21.09	20.98	21.00	21.5	2.0
40	256QAM	1	1	18.84	18.96	18.77	19.5	4.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.25	22.38	22.26	23.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.30	22.40	22.11	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	22.34	22.33	22.26	23.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.32	22.41	22.19	19REF	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.22	22.40	22.12	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.28	22.34	22.11	23.5	0.0

n66 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	348000	350000		
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	21.89	21.86	22.13		
40	PI2 BPSK	1	108	21.97	22.06	21.99	23.0	0.0
40	PI2 BPSK	1	214	21.77	22.01	21.66		
40	PI2 BPSK	108	0	21.86	21.90	22.05	23.0	0.0
40	PI2 BPSK	108	54	21.98	21.89	22.08	23.0	0.0
40	PI2 BPSK	108	108	21.90	21.97	22.11	23.0	0.0
40	PI2 BPSK	216	0	21.82	21.93	21.99		
40	QPSK	1	1	22.12	22.14	21.90		
40	QPSK	1	198	22.00	21.88	22.11	23.0	0.0
40	QPSK	1	214	21.78	21.98	21.76		
40	QPSK	108	0	21.73	22.00	21.95	23.0	0.0
40	QPSK	108	54	22.07	22.11	22.07	23.0	0.0
40	QPSK	108	108	21.94	21.95	22.04	23.0	0.0
40	QPSK	216	0	21.89	22.06	22.01		
40	16QAM	1	1	22.13	22.11	22.04	23.0	0.0
40	64QAM	1	1	20.89	20.88	20.79	21.5	1.5
40	256QAM	1	1	18.47	18.57	18.37	19.5	3.5
Channel				345000	348000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.93	22.03	22.03	23.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.02	21.99	21.96	23.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.02	21.96	22.05	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.85	22.03	21.98	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.01	21.99	22.01	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.87	21.91	21.98	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.00	22.04	22.07	23.0	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	19.4	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	18.28	18.22	18.33		
20	PI2 BPSK	1	53	17.81	18.34	18.11		
20	PI2 BPSK	1	104	18.00	18.07	18.12	19.4	0.0
20	PI2 BPSK	50	0	18.33	18.39	18.21	19.4	0.0
20	PI2 BPSK	50	28	17.89	18.39	18.19	19.4	0.0
20	PI2 BPSK	50	58	17.95	18.07	18.03	19.4	0.0
20	PI2 BPSK	100	0	18.15	18.22	18.28	19.4	0.0
20	QPSK	1	1	18.33	18.44	18.35	19.4	0.0
20	QPSK	1	53	18.00	18.41	18.19		
20	QPSK	1	104	18.16	18.20	18.19		
20	QPSK	50	0	18.33	18.40	18.19		
20	QPSK	50	28	17.79	18.39	18.09	19.4	0.0
20	QPSK	50	58	18.15	18.10	17.98	19.4	0.0
20	QPSK	100	0	18.34	18.35	18.36	19.4	0.0
20	16QAM	1	1	17.83	18.29	18.02	19.4	0.0
20	64QAM	1	1	18.15	17.99	18.19	19.4	0.0
20	256QAM	1	1	18.29	18.38	18.29	19.4	0.0
Channel				371500	376000	380500	19.4	0.0
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	18.27	18.26	18.20	19.4	0.0
Channel				371000	376000	381000	19.4	0.0
Frequency (MHz)				1855	1900	1905		
10	QPSK	1	1	18.14	18.30	18.22	19.4	0.0
Channel				370500	376000	381500	19.4	0.0
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.33	18.24	18.17	19.4	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				166800	167300	167800	23.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	21.42	21.84	21.67		
20	PI2 BPSK	1	53	21.56	21.70	21.55		
20	PI2 BPSK	1	104	21.38	21.61	21.61	23.0	0.0
20	PI2 BPSK	50	0	21.81	21.79	21.54	23.0	0.0
20	PI2 BPSK	50	28	21.61	21.82	21.37	23.0	0.0
20	PI2 BPSK	50	58	21.60	21.64	21.67	23.0	0.0
20	PI2 BPSK	100	0	21.66	21.75	21.54	23.0	0.0
20	QPSK	1	1	21.65	21.93	21.57		
20	QPSK	1	53	21.68	21.84	21.58		
20	QPSK	1	104	21.51	21.81	21.57		
20	QPSK	50	0	21.59	21.73	21.57	23.0	0.0
20	QPSK	50	28	21.63	21.79	21.61	23.0	0.0
20	QPSK	50	58	21.58	21.60	21.54	23.0	0.0
20	QPSK	100	0	21.55	21.78	21.71	23.0	0.0
20	16QAM	1	1	21.44	21.73	21.54	23.0	0.0
20	64QAM	1	1	20.48	20.74	20.69	21.5	1.5
20	256QAM	1	1	18.39	18.66	18.53	19.5	3.5
Channel				166300	167300	167300	23.0	0.0
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.53	21.71	21.64	23.0	0.0
Channel				165800	167300	168800	23.0	0.0
Frequency (MHz)				820	836.5	844		
10	QPSK	1	1	21.39	21.85	21.64	23.0	0.0
Channel				165300	167300	169300	23.0	0.0
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.48	21.68	21.52	23.0	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				504000	507000	510000	16.8	0.0
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	15.82	15.77	15.61		
40	PI2 BPSK	1	135	15.31	15.32	15.35		
40	PI2 BPSK	1	268	15.19	15.56	15.30	16.8	0.0
40	PI2 BPSK	135	0	15.54	15.05	15.66	16.8	0.0
40	PI2 BPSK	135	68	15.20	15.49	15.36	16.8	0.0
40	PI2 BPSK	135	135	15.38	15.59	15.21	16.8	0.0
40	PI2 BPSK	270	0	15.61	15.60	15.52	16.8	0.0
40	QPSK	1	1	15.83	15.79	15.71		
40	QPSK	1	135	15.36	15.53	15.56		
40	QPSK	1	268	15.40	15.74	15.30		
40	QPSK	135	0	15.68	15.70	15.52	16.8	0.0
40	QPSK	135	68	15.24	15.40	15.35	16.8	0.0
40	QPSK	135	135	15.30	15.65	15.23	16.8	0.0
40	QPSK	270	0	15.82	15.70	15.65	16.8	0.0
40	16QAM	1	1	15.33	15.49	15.49	16.8	0.0
40	64QAM	1	1	15.26	15.72	15.18	16.8	0.0
40	256QAM	1	1	15.58	15.56	15.51	16.8	0.0
Channel				503000	507000	511000	16.8	0.0
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.44	15.57	15.52	16.8	0.0
Channel				502500	507000	511500	16.8	0.0
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.44	15.65	15.54	16.8	0.0
Channel				502000	507000	512000	16.8	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	15.47	15.74	15.68	16.8	0.0
Channel				501500	507000	512500	16.8	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.44	15.74	15.54	16.8	0.0
Channel				501000	507000	513000	16.8	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.85	15.76	15.89	16.8	0.0
Channel				500500	507000	513500	16.8	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.58	15.64	15.51	16.8	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				168300	168300	167600	23.0	0.0	
Frequency (MHz)				824	831.5	839			
20	PI2 BPSK	1	1	21.56	21.84	21.68			
20	PI2 BPSK	1	53	21.64	21.84	21.65			
20	PI2 BPSK	1	104	21.57	21.78	21.73	23.0	0.0	
20	PI2 BPSK	50	0	21.72	21.83	21.81	23.0	0.0	
20	PI2 BPSK	50	28	21.73	21.97	21.55	23.0	0.0	
20	PI2 BPSK	50	58	21.71	21.82	21.72	23.0	0.0	
20	PI2 BPSK	100	0	21.75	21.77	21.73	23.0	0.0	
20	QPSK	1	1	21.75	21.98	21.78	23.0	0.0	
20	QPSK	1	53	21.74	21.89	21.83			
20	QPSK	1	104	21.71	21.89	21.78			
20	QPSK	50	0	21.73	21.86	21.73			
20	QPSK	50	28	21.84	21.87	21.82	23.0	0.0	
20	QPSK	50	58	21.81	21.78	21.86	23.0	0.0	
20	QPSK	100	0	21.56	21.95	21.77	23.0	0.0	
20	16QAM	1	1	21.65	21.86	21.89	23.0	0.0	
20	64QAM	1	1	20.87	20.87	20.74	21.5	1.5	
20	256QAM	1	1	18.52	18.87	18.68	19.5	3.5	
Channel				168300	168300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	23.0	0.0	
15	QPSK	1	1	21.55	21.81	21.76	23.0	0.0	
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				817	831.5	844	23.0	0.0	
10	QPSK	1	1	21.55	21.89	21.72	23.0	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	23.0	0.0	
5	QPSK	1	1	21.67	21.90	21.57	23.0	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				345000	349000	353000	17.8	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI2 BPSK	1	1	16.70	16.79	16.84			
40	PI2 BPSK	1	108	16.66	16.55	16.91			
40	PI2 BPSK	1	214	16.73	16.69	16.54	17.8	0.0	
40	PI2 BPSK	108	0	16.64	16.39	16.80	17.8	0.0	
40	PI2 BPSK	108	54	16.59	16.58	16.91	17.8	0.0	
40	PI2 BPSK	108	108	16.60	16.71	16.39	17.8	0.0	
40	PI2 BPSK	216	0	16.74	16.39	16.92	17.8	0.0	
40	QPSK	1	1	16.83	16.96	16.89	17.8	0.0	
40	QPSK	1	108	16.81	16.59	16.92			
40	QPSK	1	214	16.75	16.91	16.59			
40	QPSK	108	0	16.83	16.65	16.66			
40	QPSK	108	54	16.70	16.72	16.66	17.8	0.0	
40	QPSK	108	108	16.71	16.51	16.81	17.8	0.0	
40	QPSK	216	0	16.76	16.92	16.68	17.8	0.0	
40	16QAM	1	1	16.67	16.60	16.73	17.8	0.0	
40	64QAM	1	1	16.54	16.81	16.55	17.8	0.0	
40	256QAM	1	1	16.78	16.48	16.80	17.8	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5	17.8	0.0	
35	QPSK	1	1	16.63	16.41	16.81	17.8	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	17.8	0.0	
30	QPSK	1	1	16.70	16.39	16.87	17.8	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5	17.8	0.0	
25	QPSK	1	1	16.82	16.50	16.92	17.8	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	17.8	0.0	
20	QPSK	1	1	16.79	16.50	16.73	17.8	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	17.8	0.0	
15	QPSK	1	1	16.67	16.56	16.73	17.8	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	17.8	0.0	
10	QPSK	1	1	16.65	16.53	16.82	17.8	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	17.8	0.0	
5	QPSK	1	1	16.77	16.43	16.85	17.8	0.0	

Part27Q n78 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				633334			14.0	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		12.63			
100	PI/2 BPSK	1	137		12.53			
100	PI/2 BPSK	1	271		12.65			
100	PI/2 BPSK	135	0		12.53		14.0	0.0
100	PI/2 BPSK	135	69		12.63		14.0	0.0
100	PI/2 BPSK	135	138		12.61		14.0	0.0
100	PI/2 BPSK	270	0		12.62			
100	QPSK	1	1		12.67		14.0	0.0
100	QPSK	1	137		12.63			
100	QPSK	1	271		12.58			
100	QPSK	135	0		12.55		14.0	0.0
100	QPSK	135	69		12.65		14.0	0.0
100	QPSK	135	138		12.58		14.0	0.0
100	QPSK	270	0		12.63		14.0	0.0
100	16QAM	1	1		12.63		14.0	0.0
100	64QAM	1	1		12.58		14.0	0.0
100	256QAM	1	1		12.61		14.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	12.57	12.59	12.57	14.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	12.62	12.59	12.51	14.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	12.62	12.49	12.59	14.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	12.57	12.60	12.60	14.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	12.61	12.55	12.50	14.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	12.54	12.61	12.51	14.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	12.56	12.56	12.52	14.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	12.58	12.51	12.51	14.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	12.52	12.57	12.62	14.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	12.58	12.52	12.54	14.0	0.0

Part27Q n78 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				633334			16.5	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		15.62			
100	PI/2 BPSK	1	137		15.65			
100	PI/2 BPSK	1	271		15.53			
100	PI/2 BPSK	135	0		15.63		16.5	0.0
100	PI/2 BPSK	135	69		15.60		16.5	0.0
100	PI/2 BPSK	135	138		15.60		16.5	0.0
100	PI/2 BPSK	270	0		15.60			
100	QPSK	1	1		15.67		16.5	0.0
100	QPSK	1	137		15.60			
100	QPSK	1	271		15.59			
100	QPSK	135	0		15.58		16.5	0.0
100	QPSK	135	69		15.66		16.5	0.0
100	QPSK	135	138		15.60		16.5	0.0
100	QPSK	270	0		15.63			
100	16QAM	1	1		15.64		16.5	0.0
100	64QAM	1	1		15.63		16.5	0.0
100	256QAM	1	1		15.57		16.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	15.61	15.59	15.56	16.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	15.50	15.53	15.57	16.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	15.53	15.50	15.64	16.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	15.61	15.52	15.56	16.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	15.63	15.53	15.58	16.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	15.51	15.57	15.60	16.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	15.59	15.61	15.63	16.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	15.60	15.63	15.59	16.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	15.62	15.50	15.56	16.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	15.56	15.53	15.55	16.5	0.0

Part27Q n78 Ant 7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334			20.3	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	19.16				
100	PI/2 BPSK	1	137	19.19				
100	PI/2 BPSK	1	271	19.29				
100	PI/2 BPSK	135	0	19.24			20.3	0.0
100	PI/2 BPSK	135	69	19.23			20.3	0.0
100	PI/2 BPSK	135	138	19.29			20.3	0.0
100	PI/2 BPSK	270	0	19.17				
100	QPSK	1	1	19.31			20.3	0.0
100	QPSK	1	137	19.23				
100	QPSK	1	271	19.27				
100	QPSK	135	0	19.25			20.3	0.0
100	QPSK	135	69	19.29			20.3	0.0
100	QPSK	135	138	19.21			20.3	0.0
100	QPSK	270	0	19.27			20.3	0.0
100	16QAM	1	1	19.22			20.3	0.0
100	64QAM	1	1	19.28			20.3	0.0
100	256QAM	1	1	17.84			18.5	1.8
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	19.15	19.22	19.15	20.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	19.13	19.15	19.24	20.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	19.25	19.14	19.12	20.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	19.20	19.16	19.13	20.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	19.16	19.25	19.20	20.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	19.25	19.15	19.22	20.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	19.23	19.22	19.18	20.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	19.19	19.19	19.21	20.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	19.25	19.20	19.19	20.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	19.18	19.23	19.17	20.3	0.0

Part27Q n78 Ant 9								
BW [MHz]	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	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
100	PI/2 BPSK	1	1	20.66	20.75	20.57	22.0	0.0
100	PI/2 BPSK	1	137					
100	PI/2 BPSK	1	271					
100	PI/2 BPSK	135	0				21.5	0.5
100	PI/2 BPSK	135	69				22.0	0.0
100	PI/2 BPSK	135	138				21.5	0.5
100	PI/2 BPSK	270	0					
100	QPSK	1	1		20.79			
100	QPSK	1	137		20.66		22.0	0.0
100	QPSK	1	271		20.68			
100	QPSK	135	0		19.72		21.0	1.0
100	QPSK	135	69		20.75		22.0	0.0
100	QPSK	135	138		19.66			
100	QPSK	270	0		19.72		21.0	1.0
100	16QAM	1	1		19.71		21.0	1.0
100	64QAM	1	1		18.18		19.5	2.5
100	256QAM	1	1		16.16		17.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.66	20.75	20.57	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.61	20.63	20.64	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.74	20.72	20.65	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.71	20.62	20.66	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.75	20.59	20.76	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.64	20.66	20.66	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.59	20.75	20.66	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.69	20.73	20.78	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3500.01	3542.52		
15	QPSK	1	1	20.60	20.65	20.69	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.72	20.71	20.61	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				372000	376000	380000	24.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	23.45	23.45	23.26		
20	PI2 BPSK	1	53	23.41	23.44	23.25		
20	PI2 BPSK	1	104	23.27	23.47	23.30	23.5	0.5
20	PI2 BPSK	50	0	22.76	22.81	22.82	23.5	0.5
20	PI2 BPSK	50	28	23.40	23.43	23.41	24.0	0.0
20	PI2 BPSK	50	58	22.73	22.88	22.87	23.5	0.5
20	PI2 BPSK	100	0	22.79	22.91	22.73	24.0	0.0
20	QPSK	1	1	23.45	23.46	23.43		
20	QPSK	1	53	23.40	23.45	23.39		
20	QPSK	1	104	23.45	23.43	23.31		
20	QPSK	50	0	22.32	22.42	22.29	23.0	1.0
20	QPSK	50	28	23.24	23.43	23.30	24.0	0.0
20	QPSK	50	58	22.26	22.36	22.38	23.0	1.0
20	QPSK	100	0	22.34	22.41	22.32	23.0	1.0
20	16QAM	1	1	22.46	22.58	22.52		
20	64QAM	1	1	21.12	21.11	21.00		
20	256QAM	1	1	18.88	19.06	18.93		
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	23.44	23.40	23.37	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1905	1920	1905		
10	QPSK	1	1	23.26	23.40	23.39	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	23.34	23.41	23.44	24.0	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				504000	507000	510000	24.0	0.0
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	23.46	23.38	23.22		
40	PI2 BPSK	1	135	23.41	23.27	23.24		
40	PI2 BPSK	1	268	23.13	23.41	23.19	23.5	0.5
40	PI2 BPSK	135	0	22.57	22.73	22.66	23.5	0.5
40	PI2 BPSK	135	68	23.20	23.33	23.34	24.0	0.0
40	PI2 BPSK	135	135	22.56	22.84	22.69	23.5	0.5
40	PI2 BPSK	270	0	22.73	22.91	22.58	24.0	0.0
40	QPSK	1	1	23.42	23.47	23.29		
40	QPSK	1	135	23.22	23.27	23.35		
40	QPSK	1	268	23.28	23.38	23.17		
40	QPSK	135	0	22.13	22.42	22.21	23.0	1.0
40	QPSK	135	68	23.06	23.25	23.09	24.0	0.0
40	QPSK	135	135	22.16	22.18	22.35	23.0	1.0
40	QPSK	270	0	22.28	22.41	22.21	23.0	1.0
40	16QAM	1	1	22.46	22.38	22.36		
40	64QAM	1	1	21.09	20.98	21.00		
40	256QAM	1	1	18.84	18.96	18.77		
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.20	23.38	23.25	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.39	23.30	23.20	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	23.23	23.32	23.11	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.42	23.37	23.08	#REF!	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.33	23.40	23.20	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.42	23.36	23.06	24.0	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				346000	348000	350000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	23.13	23.02	22.98		
40	PI2 BPSK	1	108	23.10	22.86	23.03		
40	PI2 BPSK	1	214	22.76	23.04	22.79	23.5	0.5
40	PI2 BPSK	108	0	22.37	22.50	22.34	23.5	0.5
40	PI2 BPSK	108	54	22.86	23.01	23.03	24.0	0.0
40	PI2 BPSK	108	108	22.15	22.83	22.37	23.5	0.5
40	PI2 BPSK	216	0	22.51	22.53	22.38	24.0	0.0
40	QPSK	1	1	23.21	23.25	23.11		
40	QPSK	1	108	23.03	23.07	23.17		
40	QPSK	1	214	22.88	23.05	22.78		
40	QPSK	108	0	21.73	22.00	21.95	23.0	1.0
40	QPSK	108	54	22.73	22.87	22.85	24.0	0.0
40	QPSK	108	108	21.94	21.95	22.14	23.0	1.0
40	QPSK	216	0	21.89	22.15	22.01	23.0	1.0
40	16QAM	1	1	22.14	22.20	22.04		
40	64QAM	1	1	20.89	20.88	20.79		
40	256QAM	1	1	18.47	18.57	18.37		
Channel				345000	348000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.01	23.18	22.90	#VALUE!	0.0
Channel				345000	348000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.12	23.09	22.94	24.0	0.0
Channel				344500	348000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.10	23.08	23.09	24.0	0.0
Channel				344000	348000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.20	23.06	22.99	24.0	0.0
Channel				343500	348000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.22	23.15	23.03	24.0	0.0
Channel				343000	348000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.01	23.06	23.02	24.0	0.0
Channel				342500	348000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.99	23.18	22.89	24.0	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		
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.66	22.77	22.60		
20	PI2 BPSK	1	53	22.74	22.82	22.74	24.0	0.0
20	PI2 BPSK	1	104	22.72	22.78	22.66		
20	PI2 BPSK	50	0	22.16	22.15	21.99	23.5	0.5
20	PI2 BPSK	50	28	22.68	22.74	22.52	24.0	0.0
20	PI2 BPSK	50	56	22.17	22.20	22.09	23.5	0.5
20	PI2 BPSK	100	0	22.21	22.19	21.98		
20	QPSK	1	1	22.81	22.83	22.78		
20	QPSK	1	53	22.81	22.81	22.81	24.0	0.0
20	QPSK	1	104	22.61	22.80	22.74		
20	QPSK	50	0	21.87	21.69	21.66	23.0	1.0
20	QPSK	50	28	22.70	22.75	22.63	24.0	0.0
20	QPSK	50	56	21.57	21.67	21.55	23.0	1.0
20	QPSK	100	0	21.85	21.72	21.54		
20	16QAM	1	1	21.69	21.85	21.79	23.0	1.0
20	64QAM	1	1	20.29	20.39	20.38	21.5	2.5
20	256QAM	1	1	18.15	18.36	18.32	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	22.81	22.68	22.67	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1905		
10	QPSK	1	1	22.76	22.67	22.72	24.0	0.0
Channel				375500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	22.77	22.75	22.76	24.0	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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	22.97	23.15	22.94		
20	PI2 BPSK	1	53	22.97	23.09	23.03	24.0	0.0
20	PI2 BPSK	1	104	23.02	23.04	23.07		
20	PI2 BPSK	50	0	22.46	22.37	22.34	23.5	0.5
20	PI2 BPSK	50	28	22.87	23.13	22.87	24.0	0.0
20	PI2 BPSK	50	56	22.46	22.39	22.44	23.5	0.5
20	PI2 BPSK	100	0	22.63	22.54	22.23		
20	QPSK	1	1	23.09	23.16	23.13		
20	QPSK	1	53	22.99	23.09	23.12	24.0	0.0
20	QPSK	1	104	22.88	23.11	22.95		
20	QPSK	50	0	22.08	22.03	22.07	23.0	1.0
20	QPSK	50	28	23.04	23.07	23.04	24.0	0.0
20	QPSK	50	56	21.93	22.01	21.80	23.0	1.0
20	QPSK	100	0	21.90	22.00	21.89		
20	16QAM	1	1	21.93	22.19	22.16	23.0	1.0
20	64QAM	1	1	20.48	20.74	20.69	21.5	2.5
20	256QAM	1	1	18.39	18.66	18.53	19.5	4.5
Channel				166300	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.11	22.99	23.04	24.0	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	836.5	844		
10	QPSK	1	1	23.11	23.12	22.93	24.0	0.0
Channel				166300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.98	22.97	23.06	24.0	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	22.99	23.17	22.76		
40	PI2 BPSK	1	135	23.00	23.09	22.92	24.0	0.0
40	PI2 BPSK	1	268	23.02	22.96	23.11		
40	PI2 BPSK	135	0	22.44	22.31	22.34	23.5	0.5
40	PI2 BPSK	135	68	22.85	23.13	22.82	24.0	0.0
40	PI2 BPSK	135	135	22.43	22.38	22.34	23.5	0.5
40	PI2 BPSK	270	0	22.53	22.44	22.11		
40	QPSK	1	1	23.07	23.25	23.13		
40	QPSK	1	135	22.95	23.01	23.16	24.0	0.0
40	QPSK	1	268	22.79	23.21	22.83		
40	QPSK	135	0	22.02	22.14	22.12	23.0	1.0
40	QPSK	135	68	22.94	23.08	23.06	24.0	0.0
40	QPSK	135	135	21.88	21.92	21.73	23.0	1.0
40	QPSK	270	0	21.92	22.06	21.98		
40	16QAM	1	1	21.94	22.20	22.24	23.0	1.0
40	64QAM	1	1	20.52	20.73	20.79	21.5	2.5
40	256QAM	1	1	18.28	18.68	18.42	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.95	23.04	23.10	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.98	23.05	23.12	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	22.89	23.22	22.98	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.01	23.22	22.96	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.94	23.07	22.94	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.87	23.07	22.96	24.0	0.0

n26 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				168500	169300	167600	24.0	0.0
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.14	23.28	22.94		
20	PI/2 BPSK	1	53	23.11	23.18	23.12		
20	PI/2 BPSK	1	104	23.17	23.10	23.20	23.5	0.5
20	PI/2 BPSK	50	0	22.82	22.40	22.51		
20	PI/2 BPSK	50	28	23.00	23.32	23.05	24.0	0.0
20	PI/2 BPSK	50	58	22.50	22.43	22.61	23.5	0.5
20	PI/2 BPSK	100	0	22.73	22.66	22.39		
20	QPSK	1	1	23.21	23.39	23.25	24.0	0.0
20	QPSK	1	53	23.12	23.15	23.20		
20	QPSK	1	104	22.93	23.30	23.08	23.0	1.0
20	QPSK	50	0	22.29	22.07	22.10		
20	QPSK	50	28	23.15	23.19	23.13	24.0	0.0
20	QPSK	50	58	22.96	22.16	21.84	23.0	1.0
20	QPSK	100	0	21.93	22.02	22.00		
20	16QAM	1	1	22.00	22.36	22.31	23.0	1.0
20	64QAM	1	1	20.87	20.87	20.74	21.5	2.5
20	256QAM	1	1	18.52	18.87	18.68	19.5	4.5
Channel				164300	165300	165300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.20	23.26	23.17	24.0	0.0
Channel				163800	166300	166800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817	831.5	844		
10	QPSK	1	1	23.04	23.37	23.20	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.16	23.25	23.15	24.0	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				345000	349000	350000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.22	22.19	22.31		
40	PI/2 BPSK	1	108	22.07	22.30	22.09		
40	PI/2 BPSK	1	214	22.07	22.01	22.19	23.5	0.5
40	PI/2 BPSK	108	0	21.96	21.96	21.92		
40	PI/2 BPSK	108	54	22.08	22.33	22.05	24.0	0.0
40	PI/2 BPSK	108	108	21.94	21.84	21.72	23.5	0.5
40	PI/2 BPSK	216	0	21.77	21.90	21.58		
40	QPSK	1	1	22.33	22.43	22.36	24.0	0.0
40	QPSK	1	108	22.31	22.13	22.32		
40	QPSK	1	214	22.30	22.34	22.14	23.0	1.0
40	QPSK	108	0	21.56	21.63	21.58		
40	QPSK	108	54	22.09	22.25	22.09	24.0	0.0
40	QPSK	108	108	21.01	21.16	21.66	23.0	1.0
40	QPSK	216	0	21.46	21.47	21.01		
40	16QAM	1	1	21.05	21.27	21.34	23.0	1.0
40	64QAM	1	1	19.61	19.91	19.85	21.5	2.5
40	256QAM	1	1	17.52	17.88	17.78	19.5	4.5
Channel				345000	349000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.29	22.22	22.15	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.29	22.34	22.27	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.16	22.37	22.32	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.32	22.41	22.16	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.33	22.42	22.33	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.16	22.33	22.38	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.16	22.25	22.30	24.0	0.0

Part27Q n78 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				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
100	PI/2 BPSK	1	1	16.56	16.59	16.51	17.8	0.0
100	PI/2 BPSK	1	137	16.51	16.48	16.52	17.8	0.0
100	PI/2 BPSK	1	271	16.48	16.56	16.61	17.8	0.0
100	PI/2 BPSK	135	0	16.56	16.61	16.51	17.8	0.0
100	PI/2 BPSK	135	69	16.61	16.51	16.51	17.8	0.0
100	PI/2 BPSK	135	138	16.51	16.62	16.47	17.8	0.0
100	PI/2 BPSK	270	0	16.62	16.47	16.55	17.8	0.0
100	QPSK	1	1	16.47	16.55	16.60	17.8	0.0
100	QPSK	1	137	16.55	16.60	16.57	17.8	0.0
100	QPSK	1	271	16.60	16.57	16.57	17.8	0.0
100	QPSK	135	0	16.57	16.57	16.49	17.8	0.0
100	QPSK	135	69	16.57	16.49	16.52	17.8	0.0
100	QPSK	135	138	16.49	16.52	15.65	17.5	0.3
100	QPSK	270	0	16.52	15.65			
100	16QAM	1	1	16.49	16.52	15.65	17.5	0.3
100	64QAM	1	1	16.52	15.65			
100	256QAM	1	1	15.65				
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.55	16.48	16.52	17.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.43	16.50	16.51	17.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.58	16.50	16.49	17.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.43	16.55	16.53	17.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.46	16.55	16.56	17.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.50	16.43	16.51	17.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.46	16.52	16.43	17.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.46	16.46	16.51	17.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.51	16.49	16.49	17.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.44	16.49	16.45	17.8	0.0

Part27Q n78 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				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
100	PI/2 BPSK	1	1	23.50	23.62	23.53	24.0	0.0
100	PI/2 BPSK	1	137	23.50	23.62	23.53	24.0	0.0
100	PI/2 BPSK	1	271	23.50	23.62	23.53	24.0	0.0
100	PI/2 BPSK	135	0	23.50	23.62	23.53	24.0	0.0
100	PI/2 BPSK	135	69	23.50	23.62	23.53	24.0	0.0
100	PI/2 BPSK	135	138	23.50	23.62	23.53	24.0	0.0
100	PI/2 BPSK	270	0	23.50	23.62	23.53	24.0	0.0
100	QPSK	1	1	23.50	23.62	23.53	24.0	0.0
100	QPSK	1	137	23.50	23.62	23.53	24.0	0.0
100	QPSK	1	271	23.50	23.62	23.53	24.0	0.0
100	QPSK	135	0	23.50	23.62	23.53	24.0	0.0
100	QPSK	135	69	23.50	23.62	23.53	24.0	0.0
100	QPSK	135	138	23.50	23.62	23.53	24.0	0.0
100	QPSK	270	0	23.50	23.62	23.53	24.0	0.0
100	16QAM	1	1	23.50	23.62	23.53	24.0	0.0
100	64QAM	1	1	23.50	23.62	23.53	24.0	0.0
100	256QAM	1	1	23.50	23.62	23.53	24.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.50	23.62	23.53	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.56	23.49	23.65	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.53	23.54	23.51	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.50	23.67	23.64	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.55	23.50	23.54	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.49	23.58	23.53	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.59	23.57	23.61	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.49	23.62	23.58	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3500.01	3542.52		
15	QPSK	1	1	23.53	23.64	23.63	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.56	23.64	23.61	24.0	0.0

Part27Q n78 Ant 7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334			23.0	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		22.23			
100	PI/2 BPSK	1	137		22.16			
100	PI/2 BPSK	1	271		22.04			
100	PI/2 BPSK	135	0		21.71		22.5	0.5
100	PI/2 BPSK	135	69		22.11		23.0	0.0
100	PI/2 BPSK	135	138		21.55		22.5	0.5
100	PI/2 BPSK	270	0		21.61			
100	QPSK	1	1		22.28		23.0	0.0
100	QPSK	1	137		22.19			
100	QPSK	1	271		22.09			
100	QPSK	135	0		21.22		22.0	1.0
100	QPSK	135	69		22.17		23.0	0.0
100	QPSK	135	138		20.98		22.0	1.0
100	QPSK	270	0		21.04			
100	16QAM	1	1		21.05		22.0	1.0
100	64QAM	1	1		19.44		20.5	2.5
100	256QAM	1	1		17.84		18.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	22.13	22.17	22.12	23.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	22.17	22.23	22.11	23.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	22.18	22.16	22.12	23.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	22.25	22.13	22.14	23.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	22.13	22.11	22.24	23.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	22.19	22.14	22.23	23.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	22.22	22.13	22.25	23.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	22.23	22.18	22.18	23.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	22.15	22.15	22.12	23.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	22.21	22.23	22.21	23.0	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				633334			22.0	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	20.52				
100	PI/2 BPSK	1	137	20.65				
100	PI/2 BPSK	1	271	20.71				
100	PI/2 BPSK	135	0	20.22			21.5	0.5
100	PI/2 BPSK	135	69	20.63			22.0	0.0
100	PI/2 BPSK	135	138	20.18			21.5	0.5
100	PI/2 BPSK	270	0	20.11				
100	QPSK	1	1	20.79			22.0	0.0
100	QPSK	1	137	20.66				
100	QPSK	1	271	20.68				
100	QPSK	135	0	19.72			21.0	1.0
100	QPSK	135	69	20.75			22.0	0.0
100	QPSK	135	138	19.66			21.0	1.0
100	QPSK	270	0	19.72				
100	16QAM	1	1	19.71			21.0	1.0
100	64QAM	1	1	18.18			19.5	2.5
100	256QAM	1	1	16.16			17.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	20.66	20.75	20.57	22.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.61	20.63	20.64	22.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	20.74	20.72	20.65	22.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	20.71	20.62	20.66	22.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.75	20.59	20.76	22.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	20.64	20.66	20.66	22.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	20.59	20.75	20.66	22.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.69	20.73	20.78	22.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	20.60	20.65	20.68	22.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	20.72	20.71	20.61	22.0	0.0

Reduced Power Mode for DSI6

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	24.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	23.11	23.21	23.17			
20	PI2 BPSK	1	53	23.01	23.18	23.10	23.5	0.5	
20	PI2 BPSK	1	104	23.03	23.04	22.92			
20	PI2 BPSK	50	0	22.53	22.65	22.65		24.0	0.0
20	PI2 BPSK	50	28	22.97	23.14	23.15	23.5	0.5	
20	PI2 BPSK	50	56	22.39	22.58	22.38			
20	PI2 BPSK	100	0	22.54	22.63	22.52			
20	QPSK	1	1	23.23	23.25	23.24	24.0	0.0	
20	QPSK	1	53	23.14	23.15	23.00			
20	QPSK	1	104	22.92	23.07	23.08			
20	QPSK	50	0	22.01	22.19	22.20	23.0	1.0	
20	QPSK	50	28	23.11	23.13	22.97	24.0	0.0	
20	QPSK	50	56	22.00	22.12	22.13	23.0	1.0	
20	QPSK	100	0	22.15	22.17	22.10			
20	16QAM	1	1	22.17	22.36	22.16		23.0	1.0
20	64QAM	1	1	20.82	20.86	20.86	21.5	2.5	
20	256QAM	1	1	18.85	18.87	18.80	19.5	4.5	
Channel				166300	167300	168300	24.0	0.0	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	23.21	23.07	23.16			
Channel				165800	167300	168800	24.0	0.0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	23.03	23.16	23.18			
Channel				165300	167300	169300	24.0	0.0	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	23.05	23.06	23.16			

n26 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800	24.0	0.0	
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	23.57	23.48	23.54	24.0	0.0	
20	PI/2 BPSK	1	53	23.43	23.45	23.63			
20	PI/2 BPSK	1	104	23.57	23.64	23.41			
20	PI/2 BPSK	50	0	23.07	23.20	23.11	23.5	0.5	
20	PI/2 BPSK	50	28	23.56	23.51	23.43	24.0	0.0	
20	PI/2 BPSK	50	56	23.04	23.15	23.06			
20	PI/2 BPSK	100	0	23.02	23.22	23.19	24.0	0.0	
20	QPSK	1	1	23.58	23.65	23.62			
20	QPSK	1	53	23.37	23.65	23.49			
20	QPSK	1	104	23.54	23.54	23.44	23.0	1.0	
20	QPSK	50	0	22.67	22.67	22.56			
20	QPSK	50	28	23.50	23.52	23.45			
20	QPSK	50	56	22.53	22.70	22.71	23.0	1.0	
20	QPSK	100	0	22.51	22.58	22.57			
20	16QAM	1	1	22.47	22.80	22.61			
20	64QAM	1	1	21.03	21.12	21.03	21.5	2.5	
20	256QAM	1	1	19.02	19.16	19.07	19.5	4.5	
Channel				164300	166300	168300	24.0	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	23.51	23.60	23.42	24.0	0.0	
Channel				163800	166300	168800	24.0	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	23.54	23.47	23.44	24.0	0.0	
Channel				163300	166300	169300	24.0	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	23.48	23.50	23.53	24.0	0.0	

n2 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				372000	376000	380000		
Frequency (MHz)				1860	1860	1900		
20	PI2 BPSK	1	1	22.23	22.43	22.17		
20	PI2 BPSK	1	53	22.28	22.19	22.26	23.4	0.0
20	PI2 BPSK	1	104	22.32	22.38	22.22		
20	PI2 BPSK	50	0	22.28	22.27	22.33	23.4	0.0
20	PI2 BPSK	50	28	22.25	22.24	22.19	23.4	0.0
20	PI2 BPSK	50	58	22.24	22.17	22.37	23.4	0.0
20	PI2 BPSK	100	0	22.41	22.36	22.21		
20	QPSK	1	1	22.41	22.46	22.35		
20	QPSK	1	53	22.31	22.37	22.30	23.4	0.0
20	QPSK	1	104	22.40	22.38	22.39		
20	QPSK	50	0	22.28	22.32	22.29	23.0	0.4
20	QPSK	50	28	22.23	22.39	22.13	23.4	0.0
20	QPSK	50	58	22.28	22.31	22.38	23.0	0.4
20	QPSK	100	0	22.34	22.41	22.32		
20	16QAM	1	1	22.24	22.18	22.27	23.0	0.4
20	64QAM	1	1	21.12	21.11	21.00	21.5	1.9
20	256QAM	1	1	18.88	19.06	18.93	19.5	3.9
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1860	1902.5		
15	QPSK	1	1	22.26	22.22	22.28	23.4	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1860	1905		
10	QPSK	1	1	22.32	22.32	22.23	23.4	0.0
Channel				375500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1860	1907.5		
5	QPSK	1	1	22.28	22.23	22.14	23.4	0.0

n7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2620	2635	2650		
40	PI2 BPSK	1	1	21.42	21.45	21.38		
40	PI2 BPSK	1	108	21.34	21.37	21.42	22.5	0.0
40	PI2 BPSK	1	214	21.34	21.43	21.47		
40	PI2 BPSK	108	0	21.38	21.45	21.45	22.5	0.0
40	PI2 BPSK	108	54	21.35	21.48	21.41	22.5	0.0
40	PI2 BPSK	108	108	21.44	21.41	21.42	22.5	0.0
40	PI2 BPSK	216	0	21.39	21.37	21.42		
40	QPSK	1	1	21.46	21.48	21.48		
40	QPSK	1	108	21.37	21.43	21.43	22.5	0.0
40	QPSK	1	214	21.38	21.40	21.43		
40	QPSK	108	0	21.40	21.46	21.42	22.5	0.0
40	QPSK	108	54	21.38	21.48	21.39	22.5	0.0
40	QPSK	108	108	21.43	21.40	21.45	22.5	0.0
40	QPSK	216	0	21.38	21.47	21.45		
40	16QAM	1	1	21.35	21.38	21.35	22.5	0.0
40	64QAM	1	1	21.09	20.98	21.00	21.5	1.0
40	256QAM	1	1	18.84	18.96	18.77	19.5	3.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2615	2635	2655		
30	QPSK	1	1	21.40	21.42	21.30	22.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2612.5	2635	2657.5		
25	QPSK	1	1	21.37	21.33	21.29	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2610	2635	2650		
20	PI2 BPSK	1	1	21.33	21.33	21.39	22.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2607.5	2635	2662.5		
15	QPSK	1	1	21.32	21.32	21.37	#REF!	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2605	2635	2665		
10	QPSK	1	1	21.31	21.38	21.40	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2592.5	2635	2667.5		
5	QPSK	1	1	21.41	21.44	21.30	22.5	0.0

n66 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	348000	350000		
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	23.13	23.02	22.98		
40	PI2 BPSK	1	108	23.10	22.86	23.03	24.0	0.0
40	PI2 BPSK	1	214	22.76	23.04	22.79		
40	PI2 BPSK	108	0	22.37	22.50	22.34	23.5	0.5
40	PI2 BPSK	108	54	22.86	23.01	23.03	24.0	0.0
40	PI2 BPSK	108	108	22.15	22.83	22.37	23.5	0.5
40	PI2 BPSK	216	0	22.51	22.53	22.38		
40	QPSK	1	1	23.21	23.25	23.11		
40	QPSK	1	108	23.03	23.07	23.17	24.0	0.0
40	QPSK	1	214	22.88	23.05	22.78		
40	QPSK	108	0	21.73	22.00	21.95	23.0	1.0
40	QPSK	108	54	22.73	22.87	22.85	24.0	0.0
40	QPSK	108	108	21.94	21.95	22.14	23.0	1.0
40	QPSK	216	0	21.89	22.15	22.01		
40	16QAM	1	1	22.14	22.20	22.04	23.0	1.0
40	64QAM	1	1	20.89	20.88	20.79	21.5	2.5
40	256QAM	1	1	18.47	18.57	18.37	19.5	4.5
Channel				345000	348000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.01	23.18	22.90	#VALUE!	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.12	23.09	22.94	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.10	23.08	23.09	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.20	23.06	22.99	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.22	23.15	23.03	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.01	23.06	23.02	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.99	23.18	22.89	24.0	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				370000	376000	380000	22.3	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	21.30	21.30	21.32		
20	PI2 BPSK	1	53	21.21	21.34	21.19		
20	PI2 BPSK	1	104	21.21	21.22	21.32	22.3	0.0
20	PI2 BPSK	50	0	21.20	21.33	21.21	22.3	0.0
20	PI2 BPSK	50	28	21.23	21.31	21.22	22.3	0.0
20	PI2 BPSK	50	56	21.25	21.28	21.32	22.3	0.0
20	PI2 BPSK	100	0	21.32	21.32	21.29	22.3	0.0
20	QPSK	1	1	21.29	21.36	21.32		
20	QPSK	1	53	21.31	21.25	21.27		
20	QPSK	1	104	21.22	21.34	21.22		
20	QPSK	50	0	21.22	21.26	21.19	22.3	0.0
20	QPSK	50	28	21.30	21.34	21.32	22.3	0.0
20	QPSK	50	56	21.25	21.30	21.30	22.3	0.0
20	QPSK	100	0	21.25	21.31	21.28	22.3	0.0
20	16QAM	1	1	21.29	21.32	21.25		
20	64QAM	1	1	20.29	20.39	20.38		
20	256QAM	1	1	18.15	18.36	18.32		
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	21.20	21.18	21.19	22.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1905		
10	QPSK	1	1	21.17	21.17	21.21	22.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	21.14	21.21	21.25	22.3	0.0

n5 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				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	22.97	23.15	22.84		
20	PI2 BPSK	1	53	22.97	23.09	23.03		
20	PI2 BPSK	1	104	23.02	23.04	23.07	23.5	0.5
20	PI2 BPSK	50	0	22.46	22.37	22.34	23.5	0.5
20	PI2 BPSK	50	28	22.87	23.13	22.87	24.0	0.0
20	PI2 BPSK	50	56	22.46	22.39	22.44	23.5	0.5
20	PI2 BPSK	100	0	22.63	22.54	22.23	24.0	0.0
20	QPSK	1	1	23.09	23.16	23.13		
20	QPSK	1	53	22.99	23.09	23.12		
20	QPSK	1	104	22.88	23.11	22.95		
20	QPSK	50	0	22.08	22.03	22.07	23.0	1.0
20	QPSK	50	28	23.04	23.07	23.04	24.0	0.0
20	QPSK	50	56	21.93	22.01	21.80	23.0	1.0
20	QPSK	100	0	21.90	22.00	21.89	23.0	1.0
20	16QAM	1	1	21.93	22.19	22.16		
20	64QAM	1	1	20.48	20.74	20.69		
20	256QAM	1	1	18.39	18.66	18.53		
Channel				166300	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.11	22.99	23.04	24.0	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	836.5	844		
10	QPSK	1	1	23.11	23.12	22.93	24.0	0.0
Channel				166300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.98	22.97	23.06	24.0	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				504000	507000	510000	19.8	0.0
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	18.68	18.69	18.61		
40	PI2 BPSK	1	135	18.68	18.69	18.55		
40	PI2 BPSK	1	268	18.81	18.68	18.62	19.8	0.0
40	PI2 BPSK	135	0	18.56	18.69	18.87	19.8	0.0
40	PI2 BPSK	135	68	18.58	18.62	18.61	19.8	0.0
40	PI2 BPSK	135	135	18.60	18.59	18.56	19.8	0.0
40	PI2 BPSK	270	0	18.66	18.66	18.65	19.8	0.0
40	QPSK	1	1	18.85	18.73	18.68		
40	QPSK	1	135	18.81	18.70	18.81		
40	QPSK	1	268	18.86	18.68	18.64		
40	QPSK	135	0	18.58	18.65	18.58	19.8	0.0
40	QPSK	135	68	18.65	18.71	18.67	19.8	0.0
40	QPSK	135	135	18.64	18.61	18.69	19.8	0.0
40	QPSK	270	0	18.87	18.68	18.68	19.8	0.0
40	16QAM	1	1	18.58	18.60	18.69		
40	64QAM	1	1	18.05	18.70	18.62		
40	256QAM	1	1	18.58	18.70	18.61		
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.80	18.54	18.55	19.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.51	18.54	18.51	19.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	18.61	18.65	18.51	19.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.52	18.63	18.56	19.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.82	18.60	18.56	19.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.63	18.59	18.62	19.8	0.0

n26 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				168500	169300	167600	24.0	0.0	
Frequency (MHz)				824	831.5	839			
20	PI2 BPSK	1	1	23.14	23.28	22.94			
20	PI2 BPSK	1	53	23.11	23.18	23.12			
20	PI2 BPSK	1	104	23.17	23.10	23.20	23.5	0.5	
20	PI2 BPSK	50	0	22.82	22.40	22.51			
20	PI2 BPSK	50	28	23.00	23.32	23.05			
20	PI2 BPSK	50	58	22.50	22.43	22.61			
20	PI2 BPSK	100	0	22.73	22.66	22.39	24.0	0.0	
20	QPSK	1	1	23.21	23.39	23.25			
20	QPSK	1	53	23.12	23.15	23.20			
20	QPSK	1	104	22.93	23.30	23.08			
20	QPSK	50	0	22.29	22.07	22.10	23.0	1.0	
20	QPSK	50	28	23.15	23.19	23.13			
20	QPSK	50	58	22.06	22.16	21.84			
20	QPSK	100	0	21.93	22.02	22.00			
20	16QAM	1	1	22.00	22.36	22.31	23.0	1.0	
20	64QAM	1	1	20.87	20.87	20.74			
20	256QAM	1	1	18.52	18.87	18.68			
Channel				164300	165300	165300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	23.20	23.26	23.17		24.0	
Channel				163800	166300	166800			
Frequency (MHz)				817	831.5	844			
10	QPSK	1	1	23.04	23.37	23.20	24.0	0.0	
Channel				163300	166300	169300			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	23.16	23.25	23.15			

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				349000	349000	349000	22.0	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI2 BPSK	1	1	20.80	20.91	20.86			
40	PI2 BPSK	1	108	20.92	20.91	20.82			
40	PI2 BPSK	1	214	20.82	20.92	20.88	22.0	0.0	
40	PI2 BPSK	108	0	20.82	20.84	20.80			
40	PI2 BPSK	108	54	20.92	20.89	20.85			
40	PI2 BPSK	108	108	20.89	20.92	20.91			
40	PI2 BPSK	216	0	20.90	20.89	20.88	22.0	0.0	
40	QPSK	1	1	20.92	20.96	20.91			
40	QPSK	1	108	20.81	20.84	20.83			
40	QPSK	1	214	20.91	20.92	20.87			
40	QPSK	108	0	20.85	20.90	20.88	22.0	0.0	
40	QPSK	108	54	20.89	20.93	20.83			
40	QPSK	108	108	20.91	20.83	20.85			
40	QPSK	216	0	20.86	20.91	20.82			
40	16QAM	1	1	20.89	20.90	20.88	22.0	0.0	
40	64QAM	1	1	19.61	19.91	19.85			
40	256QAM	1	1	17.52	17.88	17.78			
Channel				345000	349000	349000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	20.83	20.81	20.80		22.0	
Channel				345000	349000	349000			
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	20.81	20.90	20.84	22.0	0.0	
Channel				344500	349000	349000			
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	20.75	20.88	20.78		22.0	
Channel				344000	349000	349000			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	20.80	20.86	20.77	22.0	0.0	
Channel				343500	349000	349000			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	20.86	20.77	20.84	22.0	0.0	
Channel				343000	349000	349000			
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	20.76	20.87	20.77		22.0	
Channel				342500	349000	349000			
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	20.86	20.89	20.84		22.0	

Part27Q n78 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				633334			17.8	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	16.56				
100	PI/2 BPSK	1	137	16.59				
100	PI/2 BPSK	1	271	16.51				
100	PI/2 BPSK	135	0	16.48			17.8	0.0
100	PI/2 BPSK	135	69	16.56			17.8	0.0
100	PI/2 BPSK	135	138	16.61				
100	PI/2 BPSK	270	0	16.51			17.8	0.0
100	QPSK	1	1	16.62				
100	QPSK	1	137	16.47			17.8	0.0
100	QPSK	1	271	16.55				
100	QPSK	135	0	16.60			17.8	0.0
100	QPSK	135	69	16.61			17.8	0.0
100	QPSK	135	138	16.57			17.8	0.0
100	QPSK	270	0	16.57				
100	16QAM	1	1	16.49			17.8	0.0
100	64QAM	1	1	16.52			17.8	0.0
100	256QAM	1	1	15.65			17.5	0.3
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	16.55	16.48	16.52	17.8	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	16.43	16.50	16.51	17.8	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	16.56	16.50	16.49	17.8	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	16.43	16.55	16.53	17.8	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	16.46	16.55	16.56	17.8	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	16.50	16.43	16.51	17.8	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	16.46	16.52	16.43	17.8	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	16.46	16.46	16.51	17.8	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	16.51	16.49	16.48	17.8	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	16.44	16.49	16.45	17.8	0.0

Part27Q n78 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				633334			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		18.63		19.8	0.0
100	PI/2 BPSK	1	137		18.56			
100	PI/2 BPSK	1	271		18.54		19.8	0.0
100	PI/2 BPSK	135	0		18.57			
100	PI/2 BPSK	135	69		18.52		19.8	0.0
100	PI/2 BPSK	135	138		18.55			
100	PI/2 BPSK	270	0		18.58		19.8	0.0
100	QPSK	1	1		18.65			
100	QPSK	1	137		18.52		19.8	0.0
100	QPSK	1	271		18.58			
100	QPSK	135	0		18.54		19.8	0.0
100	QPSK	135	69		18.64			
100	QPSK	135	138		18.62		19.8	0.0
100	QPSK	270	0		18.61			
100	16QAM	1	1		18.54		19.8	0.0
100	64QAM	1	1		18.53		19.8	0.0
100	256QAM	1	1		18.55		19.5	0.3
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.58	18.59	18.53	19.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.55	18.46	18.52	19.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.55	18.51	18.55	19.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.54	18.51	18.53	19.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.47	18.50	18.47	19.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.50	18.55	18.48	19.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.48	18.47	18.51	19.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.48	18.60	18.51	19.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.53	18.59	18.55	19.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.56	18.46	18.56	19.8	0.0

Part27Q n78 Ant 7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334			17.8	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	16.73				
100	PI/2 BPSK	1	137	16.75				
100	PI/2 BPSK	1	271	16.72				
100	PI/2 BPSK	135	0	16.76			17.8	0.0
100	PI/2 BPSK	135	69	16.72			17.8	0.0
100	PI/2 BPSK	135	138	16.67				
100	PI/2 BPSK	270	0	16.67			17.8	0.0
100	QPSK	1	1	16.79			17.8	0.0
100	QPSK	1	137	16.71				
100	QPSK	1	271	16.69				
100	QPSK	135	0	16.77			17.8	0.0
100	QPSK	135	69	16.78			17.8	0.0
100	QPSK	135	138	16.69			17.8	0.0
100	QPSK	270	0	16.74				
100	16QAM	1	1	16.75			17.8	0.0
100	64QAM	1	1	16.67			17.8	0.0
100	256QAM	1	1	16.67			17.8	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	16.71	16.66	16.66	17.8	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	16.73	16.68	16.67	17.8	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	16.68	16.60	16.63	17.8	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	16.64	16.72	16.62	17.8	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	16.61	16.65	16.73	17.8	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	16.72	16.67	16.71	17.8	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	16.63	16.67	16.65	17.8	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	16.65	16.67	16.65	17.8	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	16.70	16.66	16.60	17.8	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	16.71	16.72	16.61	17.8	0.0

Part27Q n78 Ant 9								
BW [MHz]	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	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
100	PI/2 BPSK	1	1	20.66	20.75	20.57	22.0	0.0
100	PI/2 BPSK	1	137					
100	PI/2 BPSK	1	271					
100	PI/2 BPSK	135	0				21.5	0.5
100	PI/2 BPSK	135	69				22.0	0.0
100	PI/2 BPSK	135	138				21.5	0.5
100	PI/2 BPSK	270	0					
100	QPSK	1	1		20.79			
100	QPSK	1	137		20.66		22.0	0.0
100	QPSK	1	271		20.68			
100	QPSK	135	0		19.72		21.0	1.0
100	QPSK	135	69		20.75		22.0	0.0
100	QPSK	135	138		19.66			
100	QPSK	270	0		19.72		21.0	1.0
100	16QAM	1	1		19.71		21.0	1.0
100	64QAM	1	1		18.18		19.5	2.5
100	256QAM	1	1		16.16		17.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.66	20.75	20.57	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.61	20.63	20.64	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.74	20.72	20.65	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.71	20.62	20.66	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.75	20.59	20.76	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.64	20.66	20.66	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.59	20.75	20.66	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.69	20.73	20.78	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3500.01	3542.52		
15	QPSK	1	1	20.60	20.65	20.69	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.72	20.71	20.61	22.0	0.0

Reduced Power Mode for DS17

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	24.0	0.0		
Frequency (MHz)				834	836.5	839				
20	Pi/2 BPSK	1	1	23.11	23.21	23.17				
20	Pi/2 BPSK	1	53	23.01	23.18	23.10	23.5	0.5		
20	Pi/2 BPSK	1	104	23.03	23.04	22.92				
20	Pi/2 BPSK	50	0	22.53	22.65	22.65		24.0	0.0	
20	Pi/2 BPSK	50	28	22.97	23.14	23.15	23.5		0.5	
20	Pi/2 BPSK	50	56	22.39	22.58	22.38				
20	Pi/2 BPSK	100	0	22.54	22.63	22.52		24.0	0.0	
20	QPSK	1	1	23.23	23.25	23.24				
20	QPSK	1	53	23.14	23.15	23.00	23.0		1.0	
20	QPSK	1	104	22.92	23.07	23.08		24.0	0.0	
20	QPSK	50	0	22.01	22.19	22.20			23.0	1.0
20	QPSK	50	28	23.11	23.13	22.97	23.0			0.0
20	QPSK	50	56	22.00	22.12	22.13		23.0		1.0
20	QPSK	100	0	22.15	22.17	22.10			23.0	1.0
20	16QAM	1	1	22.17	22.36	22.16	23.0			1.0
20	64QAM	1	1	20.82	20.86	20.86		23.0		1.0
20	256QAM	1	1	18.85	18.87	18.80			23.0	1.0
Channel				166300	167300	168300	24.0			0.0
Frequency (MHz)				831.5	836.5	841.5				
15	QPSK	1	1	23.21	23.07	23.16		24.0	0.0	
Channel				165800	167300	168800	24.0		0.0	
Frequency (MHz)				829	836.5	844				
10	QPSK	1	1	23.03	23.16	23.18		24.0		
Channel				165300	167300	169300	24.0		0.0	
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	1	23.05	23.06	23.16		24.0		

n26 Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				164800	166300	167800	24.0	0.0		
Frequency (MHz)				824	831.5	839				
20	PI/2 BPSK	1	1	23.57	23.48	23.54				
20	PI/2 BPSK	1	53	23.43	23.45	23.63	24.0	0.5		
20	PI/2 BPSK	1	104	23.57	23.64	23.41				
20	PI/2 BPSK	50	0	23.07	23.20	23.11		23.5	0.0	
20	PI/2 BPSK	50	28	23.56	23.51	23.43	24.0		0.5	
20	PI/2 BPSK	50	56	23.04	23.15	23.06				
20	PI/2 BPSK	100	0	23.02	23.22	23.19		24.0	0.0	
20	QPSK	1	1	23.58	23.65	23.62				
20	QPSK	1	53	23.37	23.65	23.49	24.0		1.0	
20	QPSK	1	104	23.54	23.54	23.44				
20	QPSK	50	0	22.67	22.67	22.56		23.0	1.0	
20	QPSK	50	28	23.50	23.52	23.45	23.0		1.0	
20	QPSK	50	56	22.53	22.70	22.71				
20	QPSK	100	0	22.51	22.58	22.57		23.0	1.0	
20	16QAM	1	1	22.47	22.60	22.61	1.0			
20	64QAM	1	1	21.03	21.12	21.03	2.5			
20	256QAM	1	1	19.02	19.16	19.07	4.5			
Channel				164300	166300	168300	24.0	MPR (dB)		
Frequency (MHz)				821.5	831.5	841.5				
15	QPSK	1	1	23.51	23.60	23.42		0.0		
Channel				163800	166300	168800	24.0	MPR (dB)		
Frequency (MHz)				819	831.5	844				
10	QPSK	1	1	23.54	23.47	23.44		0.0		
Channel				163300	166300	169300	24.0	MPR (dB)		
Frequency (MHz)				816.5	831.5	846.5				
5	QPSK	1	1	23.48	23.50	23.53		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		
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	20.39	20.43	20.37		
20	PI2 BPSK	1	53	20.32	20.33	20.28	21.9	0.0
20	PI2 BPSK	1	104	20.36	20.39	20.38		
20	PI2 BPSK	50	0	20.34	20.42	20.34	21.9	0.0
20	PI2 BPSK	50	28	20.43	20.40	20.38	21.9	0.0
20	PI2 BPSK	50	58	20.31	20.47	20.32		
20	PI2 BPSK	100	0	20.32	20.35	20.39		
20	QPSK	1	1	20.45	20.46	20.46		
20	QPSK	1	53	20.38	20.42	20.40	21.9	0.0
20	QPSK	1	104	20.38	20.42	20.29		
20	QPSK	50	0	20.40	20.40	20.31	21.9	0.0
20	QPSK	50	28	20.45	20.47	20.43	21.9	0.0
20	QPSK	50	58	20.36	20.37	20.30		
20	QPSK	100	0	20.43	20.45	20.39	21.9	0.0
20	16QAM	1	1	20.33	20.38	20.29	21.9	0.0
20	64QAM	1	1	20.33	20.21	20.24	21.5	0.4
20	256QAM	1	1	18.88	19.06	18.93	19.5	2.4
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	20.33	20.35	20.37	21.9	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1905	1900	1905		
10	QPSK	1	1	20.30	20.38	20.31	21.9	0.0
Channel				375500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	20.30	20.31	20.37	21.9	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	21.42	21.45	21.38		
40	PI2 BPSK	1	135	21.34	21.37	21.42	22.5	0.0
40	PI2 BPSK	1	268	21.34	21.43	21.47		
40	PI2 BPSK	135	0	21.38	21.45	21.45	22.5	0.0
40	PI2 BPSK	135	68	21.35	21.48	21.41	22.5	0.0
40	PI2 BPSK	135	135	21.44	21.41	21.42		
40	PI2 BPSK	270	0	21.39	21.37	21.42		
40	QPSK	1	1	21.46	21.48	21.48		
40	QPSK	1	135	21.37	21.43	21.43	22.5	0.0
40	QPSK	1	268	21.38	21.40	21.43		
40	QPSK	135	0	21.40	21.46	21.42	22.5	0.0
40	QPSK	135	68	21.38	21.48	21.39	22.5	0.0
40	QPSK	135	135	21.43	21.40	21.45		
40	QPSK	270	0	21.38	21.47	21.45	22.5	0.0
40	16QAM	1	1	21.35	21.38	21.35	22.5	0.0
40	64QAM	1	1	21.09	20.98	21.00	21.5	1.0
40	256QAM	1	1	18.84	18.96	18.77	19.5	3.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.40	21.42	21.30	22.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.37	21.33	21.29	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	21.33	21.33	21.39	22.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.32	21.32	21.37	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.31	21.38	21.40	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.41	21.44	21.30	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				346000	348000	350000		
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	21.18	21.23	21.12		
40	PI2 BPSK	1	108	21.18	21.21	21.24	22.1	0.0
40	PI2 BPSK	1	214	21.22	21.24	21.20		
40	PI2 BPSK	108	0	21.15	21.22	21.15	22.1	0.0
40	PI2 BPSK	108	54	21.16	21.18	21.23	22.1	0.0
40	PI2 BPSK	108	108	21.24	21.17	21.13	22.1	0.0
40	PI2 BPSK	216	0	21.24	21.25	21.12		
40	QPSK	1	1	21.22	21.26	21.26		
40	QPSK	1	108	21.28	21.24	21.23	22.1	0.0
40	QPSK	1	214	21.23	21.21	21.24		
40	QPSK	108	0	21.24	21.17	21.22	22.1	0.0
40	QPSK	108	54	21.17	21.26	21.15	22.1	0.0
40	QPSK	108	108	21.25	21.19	21.23	22.1	0.0
40	QPSK	216	0	21.14	21.21	21.13		
40	16QAM	1	1	21.19	21.24	21.21	22.1	0.0
40	64QAM	1	1	20.89	20.88	20.79	21.5	0.6
40	256QAM	1	1	18.47	18.57	18.37	19.5	2.6
Channel				345000	348000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.21	21.14	21.09	22.1	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.14	21.15	21.15	22.1	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.14	21.14	21.14	22.1	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.18	21.26	21.14	22.1	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.21	21.12	21.16	22.1	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.20	21.23	21.16	22.1	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.17	21.20	21.17	22.1	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	18.4	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	16.93	16.90	16.89		
20	PI2 BPSK	1	53	16.82	17.00	17.03		
20	PI2 BPSK	1	104	16.82	16.86	16.98	18.4	0.0
20	PI2 BPSK	50	0	16.90	17.03	16.83	18.4	0.0
20	PI2 BPSK	50	28	17.01	17.01	16.84	18.4	0.0
20	PI2 BPSK	50	56	16.93	17.00	16.87	18.4	0.0
20	PI2 BPSK	100	0	17.06	16.91	16.98	18.4	0.0
20	QPSK	1	1	16.97	17.06	16.98	18.4	0.0
20	QPSK	1	53	16.91	17.04	16.95		
20	QPSK	1	104	16.92	16.86	16.85		
20	QPSK	50	0	16.87	16.86	16.92		
20	QPSK	50	28	16.94	17.04	17.01	18.4	0.0
20	QPSK	50	56	16.82	16.90	16.85	18.4	0.0
20	QPSK	100	0	16.90	16.95	16.92	18.4	0.0
20	16QAM	1	1	16.94	16.98	16.80	18.4	0.0
20	64QAM	1	1	17.00	17.00	16.91	18.4	0.0
20	256QAM	1	1	16.94	16.95	17.02	18.4	0.0
Channel				375500	376000	380500	18.4	0.0
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	16.85	16.82	16.83		
Channel				371000	376000	381000	18.4	0.0
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.82	16.84	16.82		
Channel				375500	376000	381500	18.4	0.0
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	16.94	16.75	16.69		

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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				166800	167300	167800	21.4	0.0
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	20.03	20.13	20.08		
20	PI2 BPSK	1	53	20.12	20.05	20.05		
20	PI2 BPSK	1	104	20.04	20.15	20.06	21.4	0.0
20	PI2 BPSK	50	0	20.08	20.12	20.10	21.4	0.0
20	PI2 BPSK	50	28	20.08	20.08	20.02	21.4	0.0
20	PI2 BPSK	50	56	20.03	20.06	20.09	21.4	0.0
20	PI2 BPSK	100	0	20.03	20.10	20.14	21.4	0.0
20	QPSK	1	1	20.15	20.17	20.08		
20	QPSK	1	53	20.08	20.14	20.08		
20	QPSK	1	104	20.14	20.13	20.09		
20	QPSK	50	0	20.08	20.15	20.11	21.4	0.0
20	QPSK	50	28	20.08	20.08	20.05	21.4	0.0
20	QPSK	50	56	20.01	20.14	20.10	21.4	0.0
20	QPSK	100	0	20.07	20.12	20.10	21.4	0.0
20	16QAM	1	1	20.13	20.07	20.11	21.4	0.0
20	64QAM	1	1	20.13	20.13	20.12	21.4	0.0
20	256QAM	1	1	18.39	18.66	18.53	19.5	1.9
Channel				165300	167300	167300	21.4	0.0
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.02	20.01	20.10		
Channel				166800	167300	168800	21.4	0.0
Frequency (MHz)				820	836.5	844		
10	QPSK	1	1	20.09	20.04	20.06	21.4	0.0
Channel				165300	167300	169300	21.4	0.0
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.01	20.01	20.02		

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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				504000	507000	510000	15.4	0.0
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	14.25	14.26	14.21		
40	PI2 BPSK	1	135	14.19	14.28	14.19		
40	PI2 BPSK	1	268	14.19	14.26	14.28	15.4	0.0
40	PI2 BPSK	135	0	14.20	14.21	14.24	15.4	0.0
40	PI2 BPSK	135	68	14.19	14.27	14.21	15.4	0.0
40	PI2 BPSK	135	135	14.17	14.21	14.29	15.4	0.0
40	PI2 BPSK	270	0	14.27	14.19	14.25	15.4	0.0
40	QPSK	1	1	14.27	14.30	14.24		
40	QPSK	1	135	14.23	14.26	14.23		
40	QPSK	1	268	14.27	14.17	14.29		
40	QPSK	135	0	14.27	14.27	14.25	15.4	0.0
40	QPSK	135	68	14.19	14.28	14.25	15.4	0.0
40	QPSK	135	135	14.16	14.25	14.19	15.4	0.0
40	QPSK	270	0	14.22	14.26	14.18	15.4	0.0
40	16QAM	1	1	14.19	14.23	14.23	15.4	0.0
40	64QAM	1	1	14.24	14.27	14.16	15.4	0.0
40	256QAM	1	1	14.20	14.23	14.18	15.4	0.0
Channel				503000	507000	511000	15.4	0.0
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.16	14.20	14.13		
Channel				502500	507000	511500	15.4	0.0
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.23	14.21	14.10		
Channel				502000	507000	512000	15.4	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	14.10	14.16	14.19		
Channel				501500	507000	512500	15.4	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.13	14.18	14.15		
Channel				501000	507000	513000	15.4	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.15	14.24	14.22		
Channel				500500	507000	513500	15.4	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.12	14.21	14.22		

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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				168300	168300	167600	21.4	0.0	
Frequency (MHz)				824	831.5	839			
20	PI2 BPSK	1	1	20.14	20.10	20.13			
20	PI2 BPSK	1	53	20.11	20.15	20.09	21.4	0.0	
20	PI2 BPSK	1	104	20.04	20.11	20.05	21.4	0.0	
20	PI2 BPSK	50	0	20.08	20.14	20.07	21.4	0.0	
20	PI2 BPSK	50	28	20.10	20.12	20.08	21.4	0.0	
20	PI2 BPSK	50	56	20.05	20.08	20.03	21.4	0.0	
20	PI2 BPSK	100	0	20.12	20.05	20.03	21.4	0.0	
20	QPSK	1	1	20.13	20.10	20.15	21.4	0.0	
20	QPSK	1	53	20.15	20.05	20.09			
20	QPSK	1	104	20.01	20.13	20.11			
20	QPSK	50	0	20.12	20.14	20.10	21.4	0.0	
20	QPSK	50	28	20.15	20.17	20.09	21.4	0.0	
20	QPSK	50	56	20.08	20.06	20.08	21.4	0.0	
20	QPSK	100	0	20.05	20.15	20.08	21.4	0.0	
20	16QAM	1	1	20.08	20.15	20.03	21.4	0.0	
20	64QAM	1	1	20.10	20.13	20.13	21.4	0.0	
20	256QAM	1	1	18.52	18.87	18.68	19.5	1.9	
Channel				168300	168300	167600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	21.4	0.0	
15	QPSK	1	1	20.04	20.06	20.07	21.4	0.0	
Channel				163800	166300	166800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				113	831.5	841.5	21.4	0.0	
10	QPSK	1	1	20.00	20.01	19.97	21.4	0.0	
Channel				163300	166300	166300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	21.4	0.0	
5	QPSK	1	1	20.00	20.07	19.97	21.4	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	345000	345000	16.4	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI2 BPSK	1	1	15.43	15.45	15.38	16.4	0.0	
40	PI2 BPSK	1	108	15.44	15.43	15.41	16.4	0.0	
40	PI2 BPSK	1	214	15.41	15.37	15.34	16.4	0.0	
40	PI2 BPSK	108	0	15.33	15.42	15.44	16.4	0.0	
40	PI2 BPSK	108	54	15.33	15.40	15.32	16.4	0.0	
40	PI2 BPSK	108	108	15.43	15.45	15.43	16.4	0.0	
40	PI2 BPSK	216	0	15.31	15.43	15.31	16.4	0.0	
40	QPSK	1	1	15.45	15.47	15.42	16.4	0.0	
40	QPSK	1	108	15.42	15.37	15.37			
40	QPSK	1	214	15.41	15.34	15.35			
40	QPSK	108	0	15.41	15.43	15.38	16.4	0.0	
40	QPSK	108	54	15.39	15.46	15.43	16.4	0.0	
40	QPSK	108	108	15.35	15.37	15.34	16.4	0.0	
40	QPSK	216	0	15.35	15.45	15.44	16.4	0.0	
40	16QAM	1	1	15.44	15.43	15.43	16.4	0.0	
40	64QAM	1	1	15.45	15.38	15.42	16.4	0.0	
40	256QAM	1	1	15.40	15.34	15.33	16.4	0.0	
Channel				345000	345000	345000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5	16.4	0.0	
35	QPSK	1	1	15.28	15.31	15.34	16.4	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	16.4	0.0	
30	QPSK	1	1	15.31	15.39	15.40	16.4	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5	16.4	0.0	
25	QPSK	1	1	15.39	15.32	15.31	16.4	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	16.4	0.0	
20	QPSK	1	1	15.37	15.44	15.33	16.4	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	16.4	0.0	
15	QPSK	1	1	15.30	15.37	15.35	16.4	0.0	
Channel				343000	350000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	16.4	0.0	
10	QPSK	1	1	15.29	15.32	15.41	16.4	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	16.4	0.0	
5	QPSK	1	1	15.28	15.32	15.39	16.4	0.0	

Part27Q n78 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				633334			12.8	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		11.62			
100	PI/2 BPSK	1	137		11.62			
100	PI/2 BPSK	1	271		11.63			
100	PI/2 BPSK	135	0		11.59		12.8	0.0
100	PI/2 BPSK	135	69		11.59		12.8	0.0
100	PI/2 BPSK	135	138		11.64		12.8	0.0
100	PI/2 BPSK	270	0		11.66			
100	QPSK	1	1		11.67		12.8	0.0
100	QPSK	1	137		11.59			
100	QPSK	1	271		11.55			
100	QPSK	135	0		11.62		12.8	0.0
100	QPSK	135	69		11.65		12.8	0.0
100	QPSK	135	138		11.55		12.8	0.0
100	QPSK	270	0		11.63			
100	16QAM	1	1		11.62		12.8	0.0
100	64QAM	1	1		11.64		12.8	0.0
100	256QAM	1	1		11.63		12.8	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	11.58	11.64	11.54	12.8	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	11.57	11.64	11.61	12.8	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	11.63	11.53	11.64	12.8	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	11.63	11.62	11.63	12.8	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	11.61	11.53	11.64	12.8	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	11.57	11.55	11.54	12.8	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	11.61	11.54	11.56	12.8	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	11.63	11.54	11.59	12.8	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	11.62	11.64	11.61	12.8	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	11.55	11.56	11.61	12.8	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				633334			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.01				
100	PV2 BPSK	1	1	13.55	13.61	13.64	14.3	0.0
100	PV2 BPSK	1	137	13.55	13.61	13.64	14.3	0.0
100	PV2 BPSK	1	271	13.55	13.61	13.64	14.3	0.0
100	PV2 BPSK	135	0	13.57	13.57	13.57	14.3	0.0
100	PV2 BPSK	135	69	13.58	13.58	13.58	14.3	0.0
100	PV2 BPSK	135	138	13.66	13.66	13.66	14.3	0.0
100	PV2 BPSK	270	0	13.57	13.57	13.57	14.3	0.0
100	QPSK	1	1	13.69	13.69	13.69	14.3	0.0
100	QPSK	1	137	13.68	13.68	13.68	14.3	0.0
100	QPSK	1	271	13.58	13.58	13.58	14.3	0.0
100	QPSK	135	0	13.63	13.63	13.63	14.3	0.0
100	QPSK	135	69	13.67	13.67	13.67	14.3	0.0
100	QPSK	135	138	13.62	13.62	13.62	14.3	0.0
100	QPSK	270	0	13.64	13.64	13.64	14.3	0.0
100	16QAM	1	1	13.66	13.66	13.66	14.3	0.0
100	64QAM	1	1	13.59	13.59	13.59	14.3	0.0
100	256QAM	1	1	13.66	13.66	13.66	14.3	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	13.55	13.59	13.64	14.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	13.60	13.59	13.53	14.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	13.60	13.65	13.55	14.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	13.54	13.58	13.56	14.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	13.61	13.64	13.54	14.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	13.60	13.65	13.60	14.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	13.54	13.57	13.64	14.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	13.62	13.63	13.54	14.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	13.62	13.62	13.64	14.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	13.62	13.62	13.53	14.3	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				633334			14.0	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	13.23			14.0	0.0
100	PI/2 BPSK	1	137	13.17				
100	PI/2 BPSK	1	271	13.16			14.0	0.0
100	PI/2 BPSK	135	0	13.15				
100	PI/2 BPSK	135	69	13.19			14.0	0.0
100	PI/2 BPSK	135	138	13.25				
100	PI/2 BPSK	270	0	13.22			14.0	0.0
100	QPSK	1	1	13.26				
100	QPSK	1	137	13.24			14.0	0.0
100	QPSK	1	271	13.25				
100	QPSK	135	0	13.18			14.0	0.0
100	QPSK	135	69	13.23				
100	QPSK	135	138	13.22			14.0	0.0
100	QPSK	270	0	13.21				
100	16QAM	1	1	13.18			14.0	0.0
100	64QAM	1	1	13.13				
100	256QAM	1	1	13.17			14.0	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	13.19	13.11	13.16	14.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	13.17	13.19	13.06	14.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	13.12	13.13	13.16	14.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	13.09	13.07	13.07	14.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	13.06	13.09	13.16	14.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	13.09	13.19	13.19	14.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	13.11	13.07	13.10	14.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	13.11	13.08	13.14	14.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	13.13	13.20	13.14	14.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	13.09	13.11	13.14	14.0	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				633334			20.7	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		19.61		20.7	0.0
100	PI/2 BPSK	1	137		19.58			
100	PI/2 BPSK	1	271		19.60		20.7	0.0
100	PI/2 BPSK	135	0		19.10			
100	PI/2 BPSK	135	69		19.59		20.7	0.0
100	PI/2 BPSK	135	138		19.17			
100	PI/2 BPSK	270	0		19.12		20.7	0.0
100	QPSK	1	1		19.82			
100	QPSK	1	137		19.57		20.7	0.0
100	QPSK	1	271		19.62			
100	QPSK	135	0		19.73		20.7	0.0
100	QPSK	135	69		19.65			
100	QPSK	135	138		19.64		20.7	0.0
100	QPSK	270	0		19.72			
100	16QAM	1	1		19.71		20.7	0.0
100	64QAM	1	1		18.18			
100	256QAM	1	1		16.16		17.5	3.2
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	19.60	19.62	19.46	20.7	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3480.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	19.65	19.51	19.51	20.7	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	19.73	19.57	19.48	20.7	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	19.55	19.55	19.44	20.7	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	19.51	19.45	19.64	20.7	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	19.64	19.41	19.55	20.7	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	19.56	19.59	19.55	20.7	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	19.56	19.62	19.55	20.7	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3467.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	19.63	19.40	19.48	20.7	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	19.59	19.61	19.61	20.7	0.0

Full & Default Other_PA

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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				1860	1880	1900	24.0	0.0
Frequency (MHz)				20	20	20		
20	PI2 BPSK	1	1	23.34	23.29	23.27		
20	PI2 BPSK	1	53	23.32	23.36	23.07		
20	PI2 BPSK	1	104	23.20	23.32	23.30	23.5	0.5
20	PI2 BPSK	50	0	22.65	22.80	22.84		
20	PI2 BPSK	50	28	23.35	23.27	23.37		
20	PI2 BPSK	50	56	22.59	22.76	22.80		
20	PI2 BPSK	100	0	22.77	22.76	22.69	23.5	0.5
20	QPSK	1	1	23.40	23.46	23.45		
20	QPSK	1	53	23.28	23.37	23.22		
20	QPSK	1	104	23.30	23.45	23.16		
20	QPSK	50	0	22.23	22.32	22.30	23.0	1.0
20	QPSK	50	28	23.10	23.35	23.14		
20	QPSK	50	56	22.11	22.22	22.21		
20	QPSK	100	0	22.23	22.29	22.27		
20	16QAM	1	1	22.47	22.43	22.32	23.0	1.0
20	64QAM	1	1	20.98	20.89	20.83		
20	256QAM	1	1	18.67	18.86	18.89		
20	256QAM	1	1	18.67	18.86	18.89		
Channel				371550	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	23.26	23.39	23.29		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1923	1905	1905		
10	QPSK	1	1	23.39	23.39	23.32		
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	23.28	23.37	23.43		

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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				2620	2635	2650	24.0	0.0
Frequency (MHz)				40	40	40		
40	PI2 BPSK	1	1	23.36	23.28	23.13		
40	PI2 BPSK	1	135	23.38	23.26	23.05		
40	PI2 BPSK	1	268	23.00	23.21	23.12	23.5	0.5
40	PI2 BPSK	135	0	22.37	22.56	22.52		
40	PI2 BPSK	135	68	23.01	23.32	23.21		
40	PI2 BPSK	135	135	22.35	22.86	22.83		
40	PI2 BPSK	270	0	22.59	22.82	22.40	23.5	0.5
40	QPSK	1	1	23.30	23.45	23.19		
40	QPSK	1	135	23.16	23.11	23.22		
40	QPSK	1	268	23.13	23.19	23.02		
40	QPSK	135	0	22.07	22.39	22.05	23.0	1.0
40	QPSK	135	68	22.88	23.23	22.98		
40	QPSK	135	135	21.97	22.09	22.31		
40	QPSK	270	0	22.20	22.26	22.09		
40	16QAM	1	1	22.41	22.17	22.20	23.0	1.0
40	64QAM	1	1	20.85	20.77	20.87		
40	256QAM	1	1	18.69	18.75	18.55		
40	256QAM	1	1	18.69	18.75	18.55		
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2615	2635	2655		
30	QPSK	1	1	23.34	23.30	23.09		
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2612.5	2635	2657.5		
25	QPSK	1	1	23.27	23.27	23.16		
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2610	2635	2660		
20	PI2 BPSK	1	1	23.33	23.30	23.15		
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2635	2662.5		
15	QPSK	1	1	23.42	23.19	23.23		
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2635	2665		
10	QPSK	1	1	23.33	23.35	23.05		
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2635	2667.5		
5	QPSK	1	1	23.44	23.16	23.10		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				1730	1745	1760	24.0	0.0
Frequency (MHz)				40	40	40		
40	PI2 BPSK	1	1	22.96	22.93	22.74		
40	PI2 BPSK	1	108	22.90	22.75	22.77		
40	PI2 BPSK	1	214	22.45	22.92	22.92	23.5	0.5
40	PI2 BPSK	108	0	22.19	22.29	22.20		
40	PI2 BPSK	108	54	22.84	22.82	22.72		
40	PI2 BPSK	108	108	22.03	22.49	22.24		
40	PI2 BPSK	216	0	22.33	22.32	22.20	23.5	0.5
40	QPSK	1	1	23.02	23.08	23.01		
40	QPSK	1	108	22.78	22.78	22.90		
40	QPSK	1	214	22.87	22.94	22.85		
40	QPSK	108	0	21.83	21.75	21.84	23.0	1.0
40	QPSK	108	54	22.42	22.75	22.58		
40	QPSK	108	108	21.78	21.66	21.83		
40	QPSK	216	0	21.83	21.85	21.73		
40	16QAM	1	1	21.91	21.96	21.91	23.0	1.0
40	64QAM	1	1	20.52	20.58	20.69		
40	256QAM	1	1	18.32	18.34	18.28		
40	256QAM	1	1	18.32	18.34	18.28		
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.04	22.75	22.69		
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1762		
30	QPSK	1	1	22.85	22.89	22.71		
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.98	22.85	22.85		
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.04	22.78	22.77		
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.92	22.90	22.79		
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.85	22.94	22.74		
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.89	22.80	22.90		

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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	24.0	0.0
Frequency (MHz)				1860	1860	1900		
20	PI2 BPSK	1	1	23.00	23.25	23.05		
20	PI2 BPSK	1	53	23.24	23.13	23.22		
20	PI2 BPSK	1	104	23.22	23.18	22.97	23.5	0.5
20	PI2 BPSK	50	0	22.62	22.51	22.27	23.5	0.5
20	PI2 BPSK	50	28	23.13	23.04	23.01	24.0	0.0
20	PI2 BPSK	50	56	22.61	22.68	22.44	23.5	0.5
20	PI2 BPSK	100	0	22.68	22.61	22.42	24.0	0.0
20	QPSK	1	1	23.25	23.31	23.08		
20	QPSK	1	53	22.93	23.16	23.13		
20	QPSK	1	104	23.12	23.26	23.02		
20	QPSK	50	0	21.97	22.10	22.01	23.0	1.0
20	QPSK	50	28	23.11	23.16	23.10	24.0	0.0
20	QPSK	50	56	21.97	21.98	22.02	23.0	1.0
20	QPSK	100	0	22.10	22.13	21.91	23.0	1.0
20	16QAM	1	1	22.18	22.34	22.18		
20	64QAM	1	1	20.75	20.83	20.84		
20	256QAM	1	1	18.52	18.84	18.62		
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1860	1902.5	24.0	0.0
15	QPSK	1	1	23.12	23.17	22.91	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1905	1900	1905	24.0	0.0
10	QPSK	1	1	23.05	23.29	23.09	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1860	1907.5	24.0	0.0
5	QPSK	1	1	23.23	23.20	22.91	24.0	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				504000	507000	510000	24.0	0.0
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	22.83	23.06	22.71		
40	PI2 BPSK	1	135	22.80	22.87	22.81		
40	PI2 BPSK	1	268	22.81	22.97	22.90	23.5	0.5
40	PI2 BPSK	135	0	22.33	22.21	22.20	23.5	0.5
40	PI2 BPSK	135	68	22.82	23.14	22.65	24.0	0.0
40	PI2 BPSK	135	135	22.21	22.32	22.31	23.5	0.5
40	PI2 BPSK	270	0	22.55	22.34	21.93	24.0	0.0
40	QPSK	1	1	22.85	23.20	22.94		
40	QPSK	1	135	22.90	22.83	23.08		
40	QPSK	1	268	22.81	23.05	22.82		
40	QPSK	135	0	21.95	22.01	21.97	23.0	1.0
40	QPSK	135	68	22.81	23.03	22.97	24.0	0.0
40	QPSK	135	135	21.77	21.72	21.74	23.0	1.0
40	QPSK	270	0	21.80	21.97	21.81	23.0	1.0
40	16QAM	1	1	21.95	22.16	22.07		
40	64QAM	1	1	20.37	20.75	20.68		
40	256QAM	1	1	18.27	18.58	18.29		
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555	24.0	0.0
30	QPSK	1	1	23.00	22.98	22.85	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2532	2557.5	24.0	0.0
25	QPSK	1	1	22.85	23.15	22.77	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560	24.0	0.0
20	PI2 BPSK	1	1	22.85	22.98	22.63	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	24.0	0.0
15	QPSK	1	1	22.97	23.10	22.64	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	24.0	0.0
10	QPSK	1	1	22.87	23.12	22.99	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	24.0	0.0
5	QPSK	1	1	22.83	23.01	22.63	24.0	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				346000	349000	352000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	22.66	22.79	22.70		
40	PI2 BPSK	1	108	22.52	22.75	22.63		
40	PI2 BPSK	1	214	22.57	22.42	22.90	23.5	0.5
40	PI2 BPSK	108	0	22.52	22.43	22.42	23.5	0.5
40	PI2 BPSK	108	54	22.53	22.81	22.52	24.0	0.0
40	PI2 BPSK	108	108	22.45	22.22	22.12	23.5	0.5
40	PI2 BPSK	216	0	22.28	22.35	22.06	24.0	0.0
40	QPSK	1	1	22.95	23.09	22.98		
40	QPSK	1	108	22.87	22.61	22.91		
40	QPSK	1	214	22.69	22.78	22.62		
40	QPSK	108	0	22.14	22.06	22.10	23.0	1.0
40	QPSK	108	54	22.58	22.67	22.49	24.0	0.0
40	QPSK	108	108	21.96	21.60	22.17	23.0	1.0
40	QPSK	216	0	22.01	22.05	21.48	23.0	1.0
40	16QAM	1	1	21.52	21.79	21.74		
40	64QAM	1	1	20.23	20.44	20.42		
40	256QAM	1	1	18.00	18.28	18.22		
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5	24.0	0.0
35	QPSK	1	1	22.64	22.64	22.71	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765	24.0	0.0
30	QPSK	1	1	22.67	22.74	22.74	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5	24.0	0.0
25	QPSK	1	1	22.62	22.72	22.82	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	24.0	0.0
20	QPSK	1	1	22.76	22.58	22.93	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	24.0	0.0
15	QPSK	1	1	22.72	22.59	22.83	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	24.0	0.0
10	QPSK	1	1	22.82	22.66	22.92	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	24.0	0.0
5	QPSK	1	1	22.81	22.79	22.71	24.0	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	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.01	23.21	23.04	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.06	23.17	23.21	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.20	23.29	23.05	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.10	23.26	23.05	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.20	23.15	23.17	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.00	23.33	23.18	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.19	23.28	23.23	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.00	23.28	23.23	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.00	23.34	23.09	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.99	23.29	23.19	24.0	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				1860	1880	1900	24.0	0.0
Frequency (MHz)				20	20	20		
20	PI2 BPSK	1	1	23.34	23.29	23.27		
20	PI2 BPSK	1	53	23.32	23.36	23.07		
20	PI2 BPSK	1	104	23.20	23.32	23.30	23.5	0.5
20	PI2 BPSK	50	0	22.65	22.80	22.84		
20	PI2 BPSK	50	28	23.35	23.27	23.37		
20	PI2 BPSK	50	56	22.59	22.76	22.80		
20	PI2 BPSK	100	0	22.77	22.76	22.69	23.5	0.5
20	QPSK	1	1	23.40	23.46	23.45		
20	QPSK	1	53	23.28	23.37	23.22		
20	QPSK	1	104	23.30	23.45	23.16		
20	QPSK	50	0	22.23	22.32	22.30	23.0	1.0
20	QPSK	50	28	23.10	23.35	23.14		
20	QPSK	50	56	22.11	22.22	22.21		
20	QPSK	100	0	22.23	22.29	22.27		
20	16QAM	1	1	22.47	22.43	22.32	23.0	1.0
20	64QAM	1	1	20.98	20.89	20.83		
20	256QAM	1	1	18.67	18.86	18.89		
20	256QAM	1	1	18.67	18.86	18.89		
Channel				371550	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	23.26	23.39	23.29		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1923	1905	1905		
10	QPSK	1	1	23.39	23.39	23.32		
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	23.28	23.37	23.43		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	510000	24.0	0.0
Frequency (MHz)				2620	2635	2650		
40	PI2 BPSK	1	1	23.36	23.28	23.13		
40	PI2 BPSK	1	135	23.38	23.26	23.05		
40	PI2 BPSK	1	268	23.00	23.21	23.12	23.5	0.5
40	PI2 BPSK	135	0	22.37	22.56	22.52		
40	PI2 BPSK	135	68	23.01	23.32	23.21		
40	PI2 BPSK	135	135	22.35	22.86	22.83		
40	PI2 BPSK	270	0	22.59	22.82	22.40	23.5	0.5
40	QPSK	1	1	23.30	23.45	23.19		
40	QPSK	1	135	23.16	23.11	23.22		
40	QPSK	1	268	23.13	23.19	23.02		
40	QPSK	135	0	22.07	22.39	22.05	23.0	1.0
40	QPSK	135	68	22.88	23.23	22.98		
40	QPSK	135	135	21.97	22.09	22.31		
40	QPSK	270	0	22.20	22.26	22.09		
40	16QAM	1	1	22.41	22.17	22.20	23.0	1.0
40	64QAM	1	1	20.85	20.77	20.87		
40	256QAM	1	1	18.69	18.75	18.55		
40	256QAM	1	1	18.69	18.75	18.55		
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2615	2635	2655		
30	QPSK	1	1	23.34	23.30	23.09		
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2612.5	2635	2657.5		
25	QPSK	1	1	23.27	23.27	23.16		
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2610	2635	2660		
20	PI2 BPSK	1	1	23.33	23.30	23.15		
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2607.5	2635	2662.5		
15	QPSK	1	1	23.42	23.19	23.23		
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2605	2635	2665		
10	QPSK	1	1	23.33	23.35	23.05		
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2602.5	2635	2667.5		
5	QPSK	1	1	23.44	23.16	23.10		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	22.96	22.93	22.74		
40	PI2 BPSK	1	108	22.90	22.75	22.77		
40	PI2 BPSK	1	214	22.45	22.92	22.92	23.5	0.5
40	PI2 BPSK	108	0	22.19	22.29	22.20		
40	PI2 BPSK	108	54	22.84	22.82	22.72		
40	PI2 BPSK	108	108	22.03	22.49	22.24		
40	PI2 BPSK	216	0	22.33	22.32	22.20	24.0	0.0
40	QPSK	1	1	23.02	23.08	23.01		
40	QPSK	1	108	22.78	22.78	22.90		
40	QPSK	1	214	22.87	22.94	22.85		
40	QPSK	108	0	21.83	21.75	21.84	23.0	1.0
40	QPSK	108	54	22.42	22.75	22.58		
40	QPSK	108	108	21.78	21.66	21.83		
40	QPSK	216	0	21.83	21.85	21.73		
40	16QAM	1	1	21.91	21.96	21.91	23.0	1.0
40	64QAM	1	1	20.52	20.58	20.69		
40	256QAM	1	1	18.32	18.34	18.28		
40	256QAM	1	1	18.32	18.34	18.28		
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.04	22.75	22.69		
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1762		
30	QPSK	1	1	22.85	22.89	22.71		
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.98	22.85	22.85		
Channel				343500	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.04	22.78	22.77		
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.92	22.90	22.79		
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.85	22.94	22.74		
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.89	22.80	22.90		

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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	20.2	0.0
Frequency (MHz)				1860	1880	1900		
20	PV2 BPSK	1	1	19.53	19.48	19.50		
20	PV2 BPSK	1	53	19.56	19.54	19.46		
20	PV2 BPSK	1	104	19.52	19.57	19.53	20.2	0.0
20	PV2 BPSK	50	0	19.54	19.56	19.53	20.2	0.0
20	PV2 BPSK	50	28	19.49	19.59	19.49	20.2	0.0
20	PV2 BPSK	50	56	19.50	19.49	19.58	20.2	0.0
20	PV2 BPSK	100	0	19.54	19.52	19.56	20.2	0.0
20	QPSK	1	1	19.47	19.61	19.49	20.2	0.0
20	QPSK	1	53	19.51	19.51	19.52		
20	QPSK	1	104	19.50	19.52	19.47		
20	QPSK	50	0	19.53	19.53	19.56		
20	QPSK	50	28	19.53	19.58	19.55	20.2	0.0
20	QPSK	50	56	19.52	19.52	19.47	20.2	0.0
20	QPSK	100	0	19.47	19.57	19.47	20.2	0.0
20	16QAM	1	1	19.54	19.50	19.57	20.2	0.0
20	64QAM	1	1	19.57	19.52	19.59	20.2	0.0
20	256QAM	1	1	18.52	18.84	18.62	19.5	0.7
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	19.42	19.47	19.43	20.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1905		
10	QPSK	1	1	18.44	18.52	18.49	20.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	19.47	19.45	19.43	20.2	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000	18.8	0.0
Frequency (MHz)				2520	2535	2550		
40	PV2 BPSK	1	1	18.04	18.01	18.00		
40	PV2 BPSK	1	135	17.87	18.11	17.81		
40	PV2 BPSK	1	268	18.06	18.16	17.96	18.8	0.0
40	PV2 BPSK	135	0	17.98	18.09	18.00	18.8	0.0
40	PV2 BPSK	135	68	18.06	18.11	17.89	18.8	0.0
40	PV2 BPSK	135	135	18.02	18.09	17.81	18.8	0.0
40	PV2 BPSK	270	0	18.07	18.03	17.93	18.8	0.0
40	QPSK	1	1	18.15	18.20	18.06	18.8	0.0
40	QPSK	1	135	18.05	18.19	17.90		
40	QPSK	1	268	18.03	18.02	17.94		
40	QPSK	135	0	18.12	18.14	18.10		
40	QPSK	135	68	17.85	18.19	17.82	18.8	0.0
40	QPSK	135	135	18.07	18.12	17.84	18.8	0.0
40	QPSK	270	0	18.04	18.16	17.88	18.8	0.0
40	16QAM	1	1	17.99	18.13	17.89	18.8	0.0
40	64QAM	1	1	17.99	18.10	17.88	18.8	0.0
40	256QAM	1	1	18.05	17.97	17.96	18.8	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.86	18.00	18.02	18.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.88	18.02	18.03	18.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PV2 BPSK	1	1	17.86	18.06	17.93	18.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.98	17.95	18.02	18.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.86	17.95	17.97	18.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.99	17.95	18.01	18.8	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	19.4	0.0
Frequency (MHz)				1730	1745	1760		
40	PV2 BPSK	1	1	18.03	18.50	18.53		
40	PV2 BPSK	1	108	18.49	18.45	18.53		
40	PV2 BPSK	1	214	18.62	18.71	18.44	19.4	0.0
40	PV2 BPSK	108	0	18.50	18.46	18.59	19.4	0.0
40	PV2 BPSK	108	54	18.55	18.47	18.50	19.4	0.0
40	PV2 BPSK	108	108	18.44	18.75	18.62	19.4	0.0
40	PV2 BPSK	216	0	18.56	18.52	18.53		
40	QPSK	1	1	18.89	18.78	18.71	19.4	0.0
40	QPSK	1	108	18.65	18.59	18.66		
40	QPSK	1	214	18.45	18.54	18.47		
40	QPSK	108	0	18.43	18.72	18.68		
40	QPSK	108	54	18.68	18.76	18.57	19.4	0.0
40	QPSK	108	108	18.42	18.72	18.63	19.4	0.0
40	QPSK	216	0	18.84	18.75	18.61		
40	16QAM	1	1	18.37	18.67	18.57	19.4	0.0
40	64QAM	1	1	18.44	18.62	18.68	19.4	0.0
40	256QAM	1	1	18.00	18.28	18.22	19.4	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.47	18.51	18.48	19.4	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.42	18.52	18.56	19.4	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.48	18.55	18.45	19.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.46	18.54	18.45	19.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.42	18.45	18.44	19.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.51	18.47	18.48	19.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.53	18.42	18.53	19.4	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				633334			16.5	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	15.24	15.24		16.5	0.0
100	PI/2 BPSK	1	137	15.25				
100	PI/2 BPSK	1	271	15.22			16.5	0.0
100	PI/2 BPSK	135	0	15.28				
100	PI/2 BPSK	135	69	15.26			16.5	0.0
100	PI/2 BPSK	135	138	15.31				
100	PI/2 BPSK	270	0	15.25			16.5	0.0
100	QPSK	1	1	15.36				
100	QPSK	1	137	15.28			16.5	0.0
100	QPSK	1	271	15.29				
100	QPSK	135	0	15.30			16.5	0.0
100	QPSK	135	69	15.33				
100	QPSK	135	138	15.31			16.5	0.0
100	QPSK	270	0	15.30				
100	16QAM	1	1	15.28			16.5	0.0
100	64QAM	1	1	15.29				
100	256QAM	1	1	15.33			16.5	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	15.21	15.26	15.23	16.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	15.18	15.24	15.26	16.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	15.19	15.23	15.24	16.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	15.22	15.23	15.18	16.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	15.14	15.14	15.12	16.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	15.24	15.26	15.25	16.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	15.15	15.20	15.23	16.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	15.18	15.24	15.23	16.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	15.19	15.18	15.20	16.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	15.17	15.21	15.16	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				375000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.24	22.36	22.46	23.5	0.0
20	PI2 BPSK	1	53	22.31	22.22	22.35		
20	PI2 BPSK	1	104	22.19	22.23	22.29		
20	PI2 BPSK	50	0	22.29	22.24	22.43	23.0	0.5
20	PI2 BPSK	50	28	22.35	22.40	22.31	23.5	0.0
20	PI2 BPSK	50	56	22.17	22.22	22.49	23.0	0.5
20	PI2 BPSK	100	0	22.22	22.23	22.30		
20	QPSK	1	1	22.49	22.55	22.47		
20	QPSK	1	53	22.11	22.35	22.48	23.5	0.0
20	QPSK	1	104	22.26	22.23	22.48	23.0	0.5
20	QPSK	50	0	22.23	22.32	22.30		
20	QPSK	50	28	22.31	22.52	22.50		
20	QPSK	50	56	22.15	22.10	22.21	23.0	0.5
20	QPSK	100	0	22.19	22.35	22.27		
20	16QAM	1	1	22.27	22.26	22.32	23.0	0.5
20	64QAM	1	1	20.98	20.89	20.83	21.5	2.0
20	256QAM	1	1	18.67	18.86	18.89	19.5	4.0
Channel				371500	376000	385000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	22.25	22.31	22.36	23.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1903	1880	1900		
10	QPSK	1	1	22.29	22.30	22.45	23.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	22.16	22.25	22.44	23.5	0.0

Reduced Power Mode for DS13 Other_PA

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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				504000	507000	510000		
Frequency (MHz)				2620	2635	2650		
40	PI2 BPSK	1	1	22.06	22.16	22.09	23.5	0.0
40	PI2 BPSK	1	135	22.07	22.16	21.98		
40	PI2 BPSK	1	268	22.10	22.29	22.09		
40	PI2 BPSK	135	0	22.00	22.28	22.08	23.5	0.0
40	PI2 BPSK	135	68	22.03	22.28	22.03	23.5	0.0
40	PI2 BPSK	135	135	21.98	22.33	21.99	23.5	0.0
40	PI2 BPSK	270	0	22.14	22.22	21.93		
40	QPSK	1	1	22.19	22.35	22.09		
40	QPSK	1	135	22.12	22.30	22.03	23.5	0.0
40	QPSK	1	268	22.20	22.26	22.02	23.0	0.5
40	QPSK	135	0	22.19	22.16	22.02		
40	QPSK	135	68	21.98	22.22	21.93		
40	QPSK	135	135	22.16	22.14	22.10	23.0	0.5
40	QPSK	270	0	22.03	22.16	21.97		
40	16QAM	1	1	22.15	22.31	21.98	23.0	0.5
40	64QAM	1	1	20.85	20.77	20.87	21.5	2.0
40	256QAM	1	1	18.69	18.75	18.55	19.5	4.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2615	2635	2655		
30	QPSK	1	1	22.06	22.32	21.93	23.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2612.5	2633	2627.5		
25	QPSK	1	1	22.12	22.19	22.07	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2610	2635	2660		
20	PI2 BPSK	1	1	22.13	22.16	22.02	23.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2607.5	2635	2662.5		
15	QPSK	1	1	22.00	22.34	22.02	#REF!	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2605	2633	2655		
10	QPSK	1	1	22.08	22.30	21.93	23.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2602.5	2635	2667.5		
5	QPSK	1	1	22.07	22.29	22.03	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	21.78	22.00	21.94	23.0	0.0
40	PI2 BPSK	1	108	21.84	21.94	21.78		
40	PI2 BPSK	1	214	21.96	21.98	21.79		
40	PI2 BPSK	108	0	21.99	21.99	21.89	23.0	0.0
40	PI2 BPSK	108	54	21.93	21.95	21.90	23.0	0.0
40	PI2 BPSK	108	108	21.78	22.02	21.90	23.0	0.0
40	PI2 BPSK	216	0	21.89	21.87	21.62		
40	QPSK	1	1	21.94	22.03	21.97		
40	QPSK	1	108	21.78	21.94	21.97	23.0	0.0
40	QPSK	1	214	21.91	21.92	21.89	23.0	0.0
40	QPSK	108	0	21.75	21.92	21.90		
40	QPSK	108	54	21.82	22.01	21.78		
40	QPSK	108	108	21.85	22.00	21.83	23.0	0.0
40	QPSK	216	0	21.99	21.98	21.98	23.0	0.0
40	16QAM	1	1	21.79	21.86	21.78		
40	64QAM	1	1	20.52	20.58	20.69		
40	256QAM	1	1	18.32	18.34	18.28	19.5	3.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.73	22.05	21.89	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.75	21.88	21.89	23.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.86	21.96	21.86	23.0	0.0
Channel				343000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.77	22.00	21.88	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.95	21.84	21.92	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.78	21.82	21.88	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.83	21.92	21.85	23.0	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	19.4	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	17.99	18.15	18.06		
20	PI2 BPSK	1	53	18.12	18.03	17.91	19.4	0.0
20	PI2 BPSK	1	104	17.99	18.01	17.91		
20	PI2 BPSK	50	0	18.02	18.06	17.90		
20	PI2 BPSK	50	28	18.12	18.20	18.11	19.4	0.0
20	PI2 BPSK	50	56	18.16	18.01	17.96		
20	PI2 BPSK	100	0	17.96	18.05	18.04		
20	QPSK	1	1	18.16	18.21	18.10	19.4	0.0
20	QPSK	1	53	18.03	18.08	18.08		
20	QPSK	1	104	17.96	18.05	18.12		
20	QPSK	50	0	18.02	18.00	18.05	19.4	0.0
20	QPSK	50	28	18.17	18.20	18.09		
20	QPSK	50	56	18.01	18.00	18.05		
20	QPSK	100	0	17.98	18.11	17.93	19.4	0.0
20	16QAM	1	1	18.00	18.04	17.97		
20	64QAM	1	1	18.00	18.11	18.05		
20	256QAM	1	1	18.06	18.02	18.05	19.4	0.0
Channel				371500	376000	380500		
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	18.13	18.07	17.95	19.4	0.0
Channel				371000	376000	381000		
Frequency (MHz)				1805	1820	1805		
10	QPSK	1	1	18.04	18.10	18.10	19.4	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	18.07	18.20	18.04	19.4	0.0
Channel				370000	376000	380000		
Frequency (MHz)				1862.5	1880	1907.5		

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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				504000	507000	510000	16.8	0.0
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	15.29	15.09	15.19		
40	PI2 BPSK	1	135	15.34	15.37	15.67	16.8	0.0
40	PI2 BPSK	1	268	15.00	15.55	14.96		
40	PI2 BPSK	135	0	15.34	15.07	15.22		
40	PI2 BPSK	135	68	15.40	15.29	15.64	16.8	0.0
40	PI2 BPSK	135	135	14.82	15.43	15.07		
40	PI2 BPSK	270	0	15.24	15.55	15.32		
40	QPSK	1	1	15.33	15.75	15.34	16.8	0.0
40	QPSK	1	135	15.45	15.43	15.65		
40	QPSK	1	268	15.08	15.60	15.06		
40	QPSK	135	0	15.20	15.38	15.15	16.8	0.0
40	QPSK	135	68	15.40	15.63	15.56		
40	QPSK	135	135	14.91	15.58	15.03		
40	QPSK	270	0	15.29	15.55	15.25	16.8	0.0
40	16QAM	1	1	15.36	15.42	15.53		
40	64QAM	1	1	15.01	15.52	14.94		
40	256QAM	1	1	15.23	15.57	15.12	16.8	0.0
Channel				503000	507000	511000		
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.13	15.66	15.22	16.8	0.0
Channel				502500	507000	511500		
Frequency (MHz)				2512.5	2532	2557.5		
25	QPSK	1	1	15.22	15.71	15.14	16.8	0.0
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	15.16	15.53	15.32	16.8	0.0
Channel				501500	507000	512500		
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.29	15.63	15.25	16.8	0.0
Channel				501000	507000	513000		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.23	15.61	15.20	16.8	0.0
Channel				500500	507000	513500		
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.32	15.54	15.32	16.8	0.0
Channel				500000	507000	514000		
Frequency (MHz)				2500	2535	2570		

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	17.8	0.0
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	16.82	17.02	16.89		
40	PI2 BPSK	1	108	16.93	17.05	16.81	17.8	0.0
40	PI2 BPSK	1	214	16.91	16.83	16.93		
40	PI2 BPSK	108	0	16.88	16.92	16.94		
40	PI2 BPSK	108	54	16.80	16.91	16.89	17.8	0.0
40	PI2 BPSK	108	108	16.85	16.99	16.91		
40	PI2 BPSK	216	0	16.85	16.88	16.81		
40	QPSK	1	1	17.01	17.07	16.95	17.8	0.0
40	QPSK	1	108	16.97	16.83	16.81		
40	QPSK	1	214	16.93	17.05	16.85		
40	QPSK	108	0	16.90	16.98	16.86	17.8	0.0
40	QPSK	108	54	17.00	17.02	16.96		
40	QPSK	108	108	16.85	16.90	16.95		
40	QPSK	216	0	16.84	16.94	16.78	17.8	0.0
40	16QAM	1	1	16.95	16.84	16.82		
40	64QAM	1	1	16.80	16.85	16.81		
40	256QAM	1	1	16.81	16.98	16.86	17.8	0.0
Channel				345500	349000	352500		
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.87	17.05	16.91	17.8	0.0
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.83	16.87	16.82	17.8	0.0
Channel				344500	349000	353500		
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.80	16.86	16.77	17.8	0.0
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.82	16.97	16.93	17.8	0.0
Channel				343500	349000	354500		
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.80	16.83	16.83	17.8	0.0
Channel				343000	349000	355000		
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.00	16.88	16.81	17.8	0.0
Channel				342500	349000	355500		
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.97	17.00	16.75	17.8	0.0
Channel				342000	349000	356000		
Frequency (MHz)				1710	1745	1780		

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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			16.5	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		15.34			
100	PI/2 BPSK	1	137		15.29			
100	PI/2 BPSK	1	271		15.27			
100	PI/2 BPSK	135	0		15.40		16.5	0.0
100	PI/2 BPSK	135	69		15.39		16.5	0.0
100	PI/2 BPSK	135	138		15.27		16.5	0.0
100	PI/2 BPSK	270	0		15.26			
100	QPSK	1	1		15.48		16.5	0.0
100	QPSK	1	137		15.34			
100	QPSK	1	271		15.32			
100	QPSK	135	0		15.41		16.5	0.0
100	QPSK	135	69		15.44		16.5	0.0
100	QPSK	135	138		15.43			
100	QPSK	270	0		15.20		16.5	0.0
100	16QAM	1	1		15.33		16.5	0.0
100	64QAM	1	1		15.39		16.5	0.0
100	256QAM	1	1		15.42		16.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.39	15.35	15.32	16.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.29	15.46	15.35	16.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.32	15.46	15.44	16.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.47	15.41	15.39	16.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.30	15.43	15.36	16.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.47	15.41	15.44	16.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.30	15.44	15.26	16.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.36	15.27	15.40	16.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.37	15.44	15.36	16.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.33	15.40	15.41	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				375000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.24	22.36	22.46	23.4	0.0
20	PI2 BPSK	1	53	22.31	22.22	22.35		
20	PI2 BPSK	1	104	22.19	22.23	22.29		
20	PI2 BPSK	50	0	22.29	22.24	22.43	23.4	0.0
20	PI2 BPSK	50	28	22.35	22.40	22.31	23.4	0.0
20	PI2 BPSK	50	56	22.17	22.22	22.49	23.4	0.0
20	PI2 BPSK	100	0	22.22	22.23	22.30		
20	QPSK	1	1	22.49	22.55	22.47		
20	QPSK	1	53	22.11	22.35	22.48	23.4	0.0
20	QPSK	1	104	22.26	22.23	22.48	23.0	0.4
20	QPSK	50	0	22.23	22.32	22.30		
20	QPSK	50	28	22.31	22.52	22.50		
20	QPSK	50	56	22.15	22.10	22.21	23.0	0.4
20	QPSK	100	0	22.19	22.35	22.27	23.0	0.4
20	16QAM	1	1	22.27	22.26	22.32	23.0	0.4
20	64QAM	1	1	20.98	20.89	20.83	21.5	1.9
20	256QAM	1	1	18.67	18.86	18.89	19.5	3.9
Channel				371500	376000	385000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5	23.4	0.0
15	QPSK	1	1	22.25	22.31	22.36	23.4	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1863	1880	1900	23.4	0.0
10	QPSK	1	1	22.29	22.30	22.45	23.4	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5	23.4	0.0
5	QPSK	1	1	22.16	22.25	22.44	23.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	510000		
Frequency (MHz)				2620	2635	2650		
40	PI2 BPSK	1	1	21.40	21.34	21.30	22.5	0.0
40	PI2 BPSK	1	135	21.30	21.39	21.28		
40	PI2 BPSK	1	268	21.29	21.33	21.40		
40	PI2 BPSK	135	0	21.37	21.33	21.38	22.5	0.0
40	PI2 BPSK	135	68	21.29	21.39	21.29	22.5	0.0
40	PI2 BPSK	135	135	21.35	21.37	21.35	22.5	0.0
40	PI2 BPSK	270	0	21.33	21.37	21.33		
40	QPSK	1	1	21.31	21.45	21.38		
40	QPSK	1	135	21.29	21.40	21.37	22.5	0.0
40	QPSK	1	268	21.39	21.32	21.38	22.5	0.0
40	QPSK	135	0	21.39	21.42	21.36		
40	QPSK	135	68	21.33	21.43	21.32		
40	QPSK	135	135	21.33	21.40	21.39	22.5	0.0
40	QPSK	270	0	21.41	21.42	21.40	22.5	0.0
40	16QAM	1	1	21.34	21.35	21.41	22.5	0.0
40	64QAM	1	1	20.95	20.77	20.87	21.5	1.0
40	256QAM	1	1	18.69	18.75	18.55	19.5	3.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2615	2635	2655	22.5	0.0
30	QPSK	1	1	21.32	21.35	21.26	22.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2612.5	2635	2627.5	22.5	0.0
25	QPSK	1	1	21.23	21.25	21.34	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2610	2635	2650	22.5	0.0
20	PI2 BPSK	1	1	21.24	21.37	21.26	22.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2607.5	2635	2652.5	22.5	0.0
15	QPSK	1	1	21.33	21.34	21.27	19REF	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2605	2635	2655	22.5	0.0
10	QPSK	1	1	21.29	21.30	21.31	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2602.5	2635	2657.5	22.5	0.0
5	QPSK	1	1	21.23	21.29	21.29	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	22.96	22.93	22.74	24.0	0.0
40	PI2 BPSK	1	108	22.90	22.75	22.77		
40	PI2 BPSK	1	214	22.45	22.92	22.92		
40	PI2 BPSK	108	0	22.19	22.29	22.20	23.5	0.5
40	PI2 BPSK	108	54	22.94	22.82	22.72	24.0	0.0
40	PI2 BPSK	108	108	22.03	22.49	22.24	23.5	0.5
40	PI2 BPSK	216	0	22.33	22.32	22.20		
40	QPSK	1	1	23.02	23.08	23.01		
40	QPSK	1	108	22.78	22.78	22.90	24.0	0.0
40	QPSK	1	214	22.87	22.94	22.85	23.0	1.0
40	QPSK	108	0	21.83	21.75	21.84		
40	QPSK	108	54	22.42	22.75	22.58		
40	QPSK	108	108	21.78	21.66	21.63	23.0	1.0
40	QPSK	216	0	21.63	21.85	21.73	23.0	1.0
40	16QAM	1	1	21.91	21.96	21.91	23.0	1.0
40	64QAM	1	1	20.52	20.58	20.69	21.5	2.5
40	256QAM	1	1	18.32	18.34	18.28	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5	24.0	0.0
35	QPSK	1	1	23.04	22.75	22.69	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1762	24.0	0.0
30	QPSK	1	1	22.85	22.89	22.71	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5	24.0	0.0
25	QPSK	1	1	22.98	22.85	22.85	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	24.0	0.0
20	QPSK	1	1	23.04	22.78	22.77	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	24.0	0.0
15	QPSK	1	1	22.92	22.90	22.79	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	24.0	0.0
10	QPSK	1	1	22.85	22.94	22.74	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	24.0	0.0
5	QPSK	1	1	22.89	22.80	22.90	24.0	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	22.3	0.0
Frequency (MHz)				1860	1880	1900		
20	PV2 BPSK	1	1	21.31	21.35	21.29		
20	PV2 BPSK	1	53	21.24	21.26	21.23		
20	PV2 BPSK	1	104	21.35	21.27	21.32	22.3	0.0
20	PV2 BPSK	50	0	21.27	21.35	21.32	22.3	0.0
20	PV2 BPSK	50	28	21.26	21.27	21.26	22.3	0.0
20	PV2 BPSK	50	56	21.24	21.35	21.33	22.3	0.0
20	PV2 BPSK	100	0	21.32	21.29	21.35	22.3	0.0
20	QPSK	1	1	21.24	21.37	21.30		
20	QPSK	1	53	21.30	21.28	21.23		
20	QPSK	1	104	21.25	21.28	21.34		
20	QPSK	50	0	21.32	21.32	21.25	22.3	0.0
20	QPSK	50	28	21.23	21.36	21.30	22.3	0.0
20	QPSK	50	56	21.25	21.29	21.32	22.3	0.0
20	QPSK	100	0	21.31	21.33	21.26	22.3	0.0
20	16QAM	1	1	21.29	21.34	21.28		
20	64QAM	1	1	20.75	20.83	20.84		
20	256QAM	1	1	18.52	18.84	18.62		
Channel				1867.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	21.30	21.22	21.17	22.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1905	1930	1905	(dBm)	(dB)
10	QPSK	1	1	21.20	21.21	21.27	22.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	21.26	21.28	21.23	22.3	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				504000	507000	510000	19.8	0.0
Frequency (MHz)				2520	2535	2550		
40	PV2 BPSK	1	1	18.65	18.63	18.61		
40	PV2 BPSK	1	135	18.70	18.73	18.74		
40	PV2 BPSK	1	268	18.81	18.74	18.64	19.8	0.0
40	PV2 BPSK	135	0	18.84	18.66	18.74	19.8	0.0
40	PV2 BPSK	135	68	18.73	18.68	18.61	19.8	0.0
40	PV2 BPSK	135	135	18.66	18.67	18.75	19.8	0.0
40	PV2 BPSK	270	0	18.61	18.65	18.74	19.8	0.0
40	QPSK	1	1	18.67	18.76	18.63		
40	QPSK	1	135	18.68	18.73	18.74		
40	QPSK	1	268	18.63	18.66	18.71		
40	QPSK	135	0	18.71	18.67	18.69	19.8	0.0
40	QPSK	135	68	18.71	18.74	18.68	19.8	0.0
40	QPSK	135	135	18.68	18.64	18.63	19.8	0.0
40	QPSK	270	0	18.67	18.73	18.71	19.8	0.0
40	16QAM	1	1	18.63	18.64	18.70		
40	64QAM	1	1	18.66	18.74	18.69		
40	256QAM	1	1	18.68	18.64	18.74		
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	18.65	18.63	18.56	19.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	18.58	18.71	18.60	19.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PV2 BPSK	1	1	18.68	18.61	18.59	19.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	18.65	18.60	18.56	19.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	18.64	18.67	18.50	19.8	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	18.57	18.70	18.62	19.8	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	22.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PV2 BPSK	1	1	20.87	20.93	20.96		
40	PV2 BPSK	1	108	20.85	20.91	20.87		
40	PV2 BPSK	1	214	20.87	20.89	20.94	22.0	0.0
40	PV2 BPSK	108	0	20.83	21.01	20.96	22.0	0.0
40	PV2 BPSK	108	54	20.91	20.98	20.93	22.0	0.0
40	PV2 BPSK	108	108	20.83	20.96	20.91	22.0	0.0
40	PV2 BPSK	216	0	20.85	20.94	20.85	22.0	0.0
40	QPSK	1	1	20.92	21.02	20.98		
40	QPSK	1	108	20.87	20.95	20.91		
40	QPSK	1	214	20.89	20.88	20.83		
40	QPSK	108	0	20.89	20.97	20.91	22.0	0.0
40	QPSK	108	54	20.88	20.98	20.91	22.0	0.0
40	QPSK	108	108	20.85	20.92	20.92	22.0	0.0
40	QPSK	216	0	20.91	20.95	20.83	22.0	0.0
40	16QAM	1	1	20.96	20.94	20.95		
40	64QAM	1	1	20.23	20.44	20.42		
40	256QAM	1	1	18.00	18.28	18.22		
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5	(dBm)	(dB)
35	QPSK	1	1	20.89	20.96	20.83	22.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	20.81	20.87	20.83	22.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	20.89	20.85	20.87	22.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	20.90	20.89	20.84	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	20.79	20.96	20.85	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	20.81	20.92	20.90	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	20.85	20.86	20.82	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				633334			19.8	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	18.34			19.8	0.0
100	PI/2 BPSK	1	137	18.33				
100	PI/2 BPSK	1	271	18.30			19.8	0.0
100	PI/2 BPSK	135	0	18.38				
100	PI/2 BPSK	135	69	18.33			19.8	0.0
100	PI/2 BPSK	135	138	18.38				
100	PI/2 BPSK	270	0	18.38			19.8	0.0
100	QPSK	1	1	18.46				
100	QPSK	1	137	18.41			19.8	0.0
100	QPSK	1	271	18.43				
100	QPSK	135	0	18.31			19.8	0.0
100	QPSK	135	69	18.45				
100	QPSK	135	138	18.35			19.8	0.0
100	QPSK	270	0	18.41				
100	16QAM	1	1	18.34			19.8	0.0
100	64QAM	1	1	18.36				
100	256QAM	1	1	18.42			19.5	0.3
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	18.27	18.33	18.25	19.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.29	18.28	18.32	19.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.25	18.31	18.31	19.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.32	18.34	18.25	19.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.25	18.31	18.35	19.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.31	18.36	18.33	19.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.25	18.34	18.31	19.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.31	18.36	18.35	19.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.24	18.26	18.35	19.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.35	18.27	18.24	19.8	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				1860	1880	1900	21.9	0.0
Frequency (MHz)				20.39	20.38	20.41		
20	PI2 BPSK	1	1	20.39	20.38	20.41		
20	PI2 BPSK	1	53	20.32	20.40	20.37		
20	PI2 BPSK	1	104	20.42	20.34	20.43	21.9	0.0
20	PI2 BPSK	50	0	20.39	20.45	20.34		
20	PI2 BPSK	50	28	20.39	20.42	20.33		
20	PI2 BPSK	50	56	20.38	20.45	20.38		
20	PI2 BPSK	100	0	20.41	20.35	20.40	21.9	0.0
20	QPSK	1	1	20.33	20.46	20.35		
20	QPSK	1	53	20.35	20.44	20.38		
20	QPSK	1	104	20.42	20.44	20.37		
20	QPSK	50	0	20.37	20.37	20.33	21.9	0.0
20	QPSK	50	28	20.35	20.45	20.41		
20	QPSK	50	56	20.42	20.37	20.42		
20	QPSK	100	0	20.33	20.43	20.35		
20	16QAM	1	1	20.36	20.44	20.37	21.9	0.0
20	64QAM	1	1	20.38	20.36	20.33		
20	256QAM	1	1	18.67	18.86	18.89		
Channel				1875.5	1860	1850.5	21.9	0.0
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	20.39	20.34	20.33		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1925	1905	1905		
10	QPSK	1	1	20.33	20.40	20.39		
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	20.38	20.40	20.39		

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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				2620	2635	2650	22.5	0.0
Frequency (MHz)				21.31	21.38	21.31		
40	PI2 BPSK	1	1	21.31	21.38	21.31		
40	PI2 BPSK	1	135	21.37	21.33	21.28		
40	PI2 BPSK	1	268	21.38	21.35	21.31	22.5	0.0
40	PI2 BPSK	135	0	21.32	21.37	21.31		
40	PI2 BPSK	135	68	21.27	21.39	21.27		
40	PI2 BPSK	135	135	21.36	21.39	21.29		
40	PI2 BPSK	270	0	21.28	21.35	21.32	22.5	0.0
40	QPSK	1	1	21.29	21.43	21.36		
40	QPSK	1	135	21.31	21.31	21.29		
40	QPSK	1	268	21.29	21.33	21.38		
40	QPSK	135	0	21.35	21.38	21.38	22.5	0.0
40	QPSK	135	68	21.31	21.41	21.38		
40	QPSK	135	135	21.28	21.35	21.25		
40	QPSK	270	0	21.28	21.39	21.35		
40	16QAM	1	1	21.37	21.38	21.27	22.5	0.0
40	64QAM	1	1	20.85	20.77	20.87		
40	256QAM	1	1	18.69	18.75	18.55		
Channel				502000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2615	2635	2655		
30	QPSK	1	1	21.30	21.36	21.24		
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2622.5	2635	2647.5		
25	QPSK	1	1	21.28	21.28	21.30		
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2610	2635	2660		
20	PI2 BPSK	1	1	21.27	21.32	21.32		
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2607.5	2635	2662.5		
15	QPSK	1	1	21.31	21.30	21.21		
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2605	2635	2665		
10	QPSK	1	1	21.27	21.31	21.32		
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2602.5	2635	2667.5		
5	QPSK	1	1	21.33	21.36	21.26		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				1730	1745	1760	22.1	0.0
Frequency (MHz)				20.92	20.94	20.92		
40	PI2 BPSK	1	1	20.92	20.94	20.92		
40	PI2 BPSK	1	108	20.99	21.05	21.01	22.1	0.0
40	PI2 BPSK	1	214	20.95	21.01	20.93		
40	PI2 BPSK	108	0	20.95	20.95	20.96		
40	PI2 BPSK	108	54	20.94	20.96	20.94		
40	PI2 BPSK	108	108	20.91	21.04	21.02	22.1	0.0
40	PI2 BPSK	216	0	20.98	20.96	20.91		
40	QPSK	1	1	20.95	21.06	20.93		
40	QPSK	1	108	20.96	20.92	20.93	22.1	0.0
40	QPSK	1	214	20.92	21.01	20.96		
40	QPSK	108	0	21.01	21.04	20.93		
40	QPSK	108	54	20.94	21.05	20.91		
40	QPSK	108	108	20.96	20.93	20.95	22.1	0.0
40	QPSK	216	0	20.92	21.02	20.98		
40	16QAM	1	1	20.93	20.99	20.99		
40	64QAM	1	1	20.52	20.58	20.69		
40	256QAM	1	1	18.32	18.34	18.28	19.5	2.6
Channel				345000	349000	353000		
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.92	20.91	20.92	24.0	0.0
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.90	20.90	20.98		
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.91	20.94	20.95		
Channel				343500	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.91	20.91	20.93		
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.93	20.95	20.86		
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.90	21.00	20.89		
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.98	20.94	20.85		

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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	18.4	0.0
Frequency (MHz)				1860	1860	1900		
20	PV2 BPSK	1	1	17.11	17.22	17.14		
20	PV2 BPSK	1	53	17.16	17.15	17.13		
20	PV2 BPSK	1	104	17.12	17.26	17.11	18.4	0.0
20	PV2 BPSK	50	0	17.23	17.22	17.11	18.4	0.0
20	PV2 BPSK	50	28	17.23	17.22	17.17	18.4	0.0
20	PV2 BPSK	50	56	17.13	17.24	17.13	18.4	0.0
20	PV2 BPSK	100	0	17.20	17.23	17.14	18.4	0.0
20	QPSK	1	1	17.12	17.27	17.15	18.4	0.0
20	QPSK	1	53	17.21	17.24	17.20		
20	QPSK	1	104	17.19	17.15	17.21		
20	QPSK	50	0	17.24	17.14	17.17		
20	QPSK	50	28	17.12	17.25	17.13	18.4	0.0
20	QPSK	50	56	17.16	17.21	17.19	18.4	0.0
20	QPSK	100	0	17.18	17.23	17.18	18.4	0.0
20	16QAM	1	1	17.23	17.22	17.21	18.4	0.0
20	64QAM	1	1	17.16	17.18	17.25	18.4	0.0
20	256QAM	1	1	17.20	17.26	17.18	18.4	0.0
Channel				1867.5	1860	1902.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	17.15	17.18	17.14	18.4	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1905	1900	1905	(dBm)	(dB)
10	QPSK	1	1	17.16	17.19	17.14	18.4	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1860	1907.5	(dBm)	(dB)
5	QPSK	1	1	17.16	17.22	17.12	18.4	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				504000	507000	510000	15.4	0.0
Frequency (MHz)				2520	2535	2550		
40	PV2 BPSK	1	1	14.09	14.11	14.19		
40	PV2 BPSK	1	135	14.19	14.09	14.18		
40	PV2 BPSK	1	268	14.06	14.20	14.09	15.4	0.0
40	PV2 BPSK	135	0	14.12	14.19	14.16	15.4	0.0
40	PV2 BPSK	135	68	14.07	14.08	14.08	15.4	0.0
40	PV2 BPSK	135	135	14.14	14.16	14.15	15.4	0.0
40	PV2 BPSK	270	0	14.08	14.15	14.16	15.4	0.0
40	QPSK	1	1	14.06	14.21	14.05		
40	QPSK	1	135	14.14	14.16	14.05		
40	QPSK	1	268	14.18	14.09	14.05		
40	QPSK	135	0	14.05	14.15	14.18	15.4	0.0
40	QPSK	135	68	14.17	14.19	14.11	15.4	0.0
40	QPSK	135	135	14.06	14.16	14.16	15.4	0.0
40	QPSK	270	0	14.07	14.17	14.05	15.4	0.0
40	16QAM	1	1	14.06	14.18	14.06	15.4	0.0
40	64QAM	1	1	14.12	14.07	14.05	15.4	0.0
40	256QAM	1	1	14.18	14.19	14.08	15.4	0.0
Channel				503000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	14.09	14.09	14.04	15.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2532	2557.5	(dBm)	(dB)
25	QPSK	1	1	14.03	14.07	14.06	15.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PV2 BPSK	1	1	14.14	14.08	14.14	15.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	14.10	14.10	14.01	15.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	14.02	14.06	14.10	15.4	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	14.14	14.08	14.09	15.4	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	16.4	0.0
Frequency (MHz)				1730	1745	1760		
40	PV2 BPSK	1	1	15.32	15.35	15.36		
40	PV2 BPSK	1	108	15.28	15.32	15.33		
40	PV2 BPSK	1	214	15.31	15.37	15.24	16.4	0.0
40	PV2 BPSK	108	0	15.21	15.39	15.28	16.4	0.0
40	PV2 BPSK	108	54	15.27	15.41	15.27	16.4	0.0
40	PV2 BPSK	108	108	15.27	15.42	15.26	16.4	0.0
40	PV2 BPSK	216	0	15.29	15.42	15.28	16.4	0.0
40	QPSK	1	1	15.32	15.45	15.34		
40	QPSK	1	108	15.25	15.38	15.32		
40	QPSK	1	214	15.34	15.38	15.23		
40	QPSK	108	0	15.24	15.40	15.31	16.4	0.0
40	QPSK	108	54	15.32	15.42	15.21	16.4	0.0
40	QPSK	108	108	15.36	15.35	15.34	16.4	0.0
40	QPSK	216	0	15.25	15.39	15.31	16.4	0.0
40	16QAM	1	1	15.27	15.40	15.25	16.4	0.0
40	64QAM	1	1	15.28	15.32	15.33	16.4	0.0
40	256QAM	1	1	15.32	15.35	15.26	16.4	0.0
Channel				345300	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5	(dBm)	(dB)
35	QPSK	1	1	15.30	15.26	15.27	16.4	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	15.29	15.38	15.17	16.4	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	15.25	15.23	15.17	16.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	15.23	15.24	15.24	16.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	15.25	15.32	15.27	16.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	15.16	15.32	15.25	16.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	15.23	15.35	15.30	16.4	0.0

Part27Q n78 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				633334			14.3	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		13.39			
100	PI/2 BPSK	1	137		13.31			
100	PI/2 BPSK	1	271		13.38			
100	PI/2 BPSK	135	0		13.41		14.3	0.0
100	PI/2 BPSK	135	69		13.36		14.3	0.0
100	PI/2 BPSK	135	138		13.38		14.3	0.0
100	PI/2 BPSK	270	0		13.40			
100	QPSK	1	1		13.42		14.3	0.0
100	QPSK	1	137		13.30			
100	QPSK	1	271		13.36			
100	QPSK	135	0		13.34		14.3	0.0
100	QPSK	135	69		13.38		14.3	0.0
100	QPSK	135	138		13.30			
100	QPSK	270	0		13.32		14.3	0.0
100	16QAM	1	1		13.32		14.3	0.0
100	64QAM	1	1		13.38		14.3	0.0
100	256QAM	1	1		13.31		14.3	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	13.23	13.32	13.31	14.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	13.24	13.28	13.25	14.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	13.31	13.19	13.28	14.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	13.24	13.28	13.33	14.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	13.28	13.21	13.25	14.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	13.30	13.27	13.24	14.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	13.25	13.19	13.31	14.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	13.29	13.24	13.30	14.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	13.20	13.20	13.31	14.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	13.31	13.20	13.32	14.3	0.0

[illegible]

BT BR/EDR		ANT6				
Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	13.42	9.39	9.35	15.00
	CH 39	2441	13.82	9.79	9.81	15.00
	CH 78	2480	13.97	10.18	10.23	15.00

BT BR/EDR		ANT8				
Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	13.57	9.81	9.81	15.00
	CH 39	2441	12.92	8.87	8.86	14.50
	CH 78	2480	13.26	9.30	9.29	15.00

BLE_1M		ANT6		
Mode	Channel	Frequency (MHz)	Average power (dBm)	
LE	CH 00	2402	4.89	
	CH 19	2440	5.39	
	CH 39	2480	5.50	
Tune-up Limit			6.00	

BLE_1M		ANT8		
Mode	Channel	Frequency (MHz)	Average power (dBm)	
LE	CH 00	2402	5.06	
	CH 19	2440	4.15	
	CH 39	2480	5.00	
Tune-up Limit			6.00	

BLE_2M		ANT6		
Mode	Channel	Frequency (MHz)	Average power (dBm)	
LE	CH 00	2402	5.03	
	CH 19	2440	5.54	
	CH 39	2480	5.64	
Tune-up Limit			6.00	

BLE_2M		ANT8		
Mode	Channel	Frequency (MHz)	Average power (dBm)	
LE	CH 00	2402	5.07	
	CH 19	2440	4.24	
	CH 39	2480	4.98	
Tune-up Limit			6.00	



<WIFI 6E>

				Ant 5 For Default / Full Power		Ant 6 For Default / Full Power		Ant 5+5 For Default / Full Power		Ant 5 Heat Simulation		Ant 6 Heat Simulation		Ant 5+5 Heat Simulation		Ant 5 Body-worn Simulation		Ant 6 Body-worn Simulation		Ant 5+5 Body-worn Simulation		Ant 5 Extremity Simulation		Ant 6 Extremity Simulation		Ant 5+5 Extremity Simulation		Duty Cycle %
Band	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	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	
UN1 5 (5.025-6.425GHz)	802.11aa-HE20 MCS0	1	5095	8.80	8.50	6.80	8.50	9.71	11.50	8.50	8.50	8.50	11.50	8.50	8.50	8.50	8.50	8.50	8.50	11.50	8.50	8.50	8.50	8.50	8.50	8.50	11.50	86.73
		45	6175	9.09	8.50	6.98	8.50	10.00	11.50	8.50	8.50	8.50	11.50	8.50	8.50	8.50	8.50	8.50	8.50	11.50	8.50	8.50	8.50	8.50	8.50	8.50	11.50	
		89	6415	8.73	8.50	7.23	8.50	10.00	11.50	8.50	8.50	8.50	11.50	8.50	8.50	8.50	8.50	8.50	8.50	11.50	8.50	8.50	8.50	8.50	8.50	8.50	11.50	
		133	6655	9.69	11.00	9.82	11.50	12.77	14.50	11.50	11.50	11.50	14.50	11.50	11.50	11.50	11.50	11.50	11.50	14.50	11.50	11.50	11.50	11.50	11.50	11.50	14.50	85.45
		45	6169	10.07	11.50	10.38	11.50	13.69	14.50	11.50	11.50	11.50	14.50	11.50	11.50	11.50	11.50	11.50	11.50	14.50	11.50	11.50	11.50	11.50	11.50	11.50	14.50	
	802.11aa-HE40 MCS0	1	5095	9.14	11.00	6.85	11.50	10.13	14.50	11.50	11.50	11.50	14.50	11.50	11.50	11.50	11.50	11.50	11.50	14.50	11.50	11.50	11.50	11.50	11.50	11.50	14.50	85.20
		47	6085	10.02	10.50	11.50	11.50	13.49	14.50	11.50	11.50	11.50	14.50	11.50	11.50	11.50	11.50	11.50	11.50	14.50	11.50	11.50	11.50	11.50	11.50	11.50	14.50	
		91	6325	10.41	13.50	11.50	13.50	15.07		11.50	11.50	11.50	14.50	11.50	11.50	11.50	11.50	11.50	11.50	14.50	11.50	11.50	11.50	11.50	11.50	11.50	14.50	
		135	6565	11.80	11.50	11.64	13.50	14.73	16.50	11.50	11.50	11.50	14.50	11.50	11.50	11.50	11.50	11.50	11.50	14.50	11.50	11.50	11.50	11.50	11.50	11.50	14.50	
		47	6189	10.70	14.50	13.14	14.50	16.44	17.50	9.50	11.50	9.50	11.50	12.40	14.50	11.00	12.50	10.78	12.50	13.94	15.50	11.00	12.50	10.78	12.50	13.94	15.50	85.71
UN1 6 (6.425-6.525GHz)	802.11aa-HE20 MCS0	1	6495	8.97	8.50	6.59	8.50	9.31	11.00	8.50	8.50	8.50	11.00	8.50	8.50	8.50	8.50	8.50	8.50	11.00	8.50	8.50	8.50	8.50	8.50	8.50	11.00	86.73
		133	6615	6.11	6.00	6.04	6.00	6.18	11.00	8.50	8.50	8.50	11.00	8.50	8.50	8.50	8.50	8.50	8.50	11.00	8.50	8.50	8.50	8.50	8.50	8.50	11.00	
		177	6815	6.88	6.00	6.04	6.00	6.07	11.00	8.50	8.50	8.50	11.00	8.50	8.50	8.50	8.50	8.50	8.50	11.00	8.50	8.50	8.50	8.50	8.50	8.50	11.00	
		221	6945	9.22	11.00	9.87	11.00	12.26	14.50	11.50	11.50	11.50	14.50	11.50	11.50	11.50	11.50	11.50	11.50	14.50	11.50	11.50	11.50	11.50	11.50	11.50	14.50	85.45
		177	6845	8.67	10.00	8.87	10.50	11.83	13.50	10.50	10.50	10.50	13.50	10.50	10.50	10.50	10.50	10.50	10.50	13.50	10.50	10.50	10.50	10.50	10.50	10.50	13.50	
	802.11aa-HE40 MCS0	133	6645	10.03	10.50	11.34	13.00	14.79	16.50	11.50	11.50	11.50	14.50	11.50	11.50	11.50	11.50	11.50	11.50	14.50	11.50	11.50	11.50	11.50	11.50	11.50	14.50	85.20
		177	6845	11.59	10.50	10.10	12.50	13.91	15.50	11.50	11.50	11.50	14.50	11.50	11.50	11.50	11.50	11.50	11.50	14.50	11.50	11.50	11.50	11.50	11.50	11.50	14.50	
		177	6855	10.47	14.50	10.00	14.50	16.27	17.50	9.50	11.50	9.50	11.50	12.16	14.50	10.98	12.50	10.56	12.50	13.79	15.50	9.50	11.50	9.50	11.50	12.16	14.50	85.71
		177	6836	6.04	7.50	6.30	7.00	6.72	10.50	7.50	7.50	7.50	10.50	7.50	7.50	7.50	7.50	7.50	7.50	10.50	7.50	7.50	7.50	7.50	7.50	7.50	10.50	
		181	6885	8.95	7.50	6.47	8.00	6.50	11.00	7.50	7.50	7.50	11.00	7.50	7.50	7.50	7.50	7.50	7.50	11.00	7.50	7.50	7.50	7.50	7.50	7.50	11.00	86.73
UN1 7 (6.525-6.850GHz)	802.11aa-HE20 MCS0	133	6695	9.24	11.00	9.40	11.00	11.64	13.50	10.50	10.50	10.50	13.50	10.50	10.50	10.50	10.50	10.50	10.50	13.50	10.50	10.50	10.50	10.50	10.50	10.50	13.50	
		147	6685	6.69	11.00	6.88	10.50	12.26	14.00	10.50	10.50	10.50	13.00	10.50	10.50	10.50	10.50	10.50	10.50	13.00	10.50	10.50	10.50	10.50	10.50	10.50	13.00	85.45
		179	6845	8.55	10.00	8.91	10.50	11.70	13.50	10.50	10.50	10.50	13.50	10.50	10.50	10.50	10.50	10.50	10.50	13.50	10.50	10.50	10.50	10.50	10.50	10.50	13.50	
		183	6815	11.00	10.00	11.35	13.00	14.87	16.00	10.50	10.50	10.50	13.00	10.50	10.50	10.50	10.50	10.50	10.50	13.00	10.50	10.50	10.50	10.50	10.50	10.50	13.00	85.20
		181	6795	11.45	13.00	11.41	13.00	14.44	16.00	10.50	10.50	10.50	13.00	10.50	10.50	10.50	10.50	10.50	10.50	13.00	10.50	10.50	10.50	10.50	10.50	10.50	13.00	
	802.11aa-HE40 MCS0	147	6685	11.22	13.00	10.80	13.50	12.54		10.50	10.50	10.50	13.00	10.50	10.50	10.50	10.50	10.50	10.50	13.00	10.50	10.50	10.50	10.50	10.50	10.50	13.00	
		143	6685	13.49	14.50	10.11	14.00	16.31	17.50	9.50	11.50	9.50	11.50	11.32	13.00	10.56	12.00	10.11	11.50	13.35	15.00	10.07	11.50	9.64	11.00	12.87	14.50	85.71
		189	6895	9.34	7.50	7.07	8.00	6.58	11.00	7.50	7.50	7.50	11.00	7.50	7.50	7.50	7.50	7.50	7.50	11.00	7.50	7.50	7.50	7.50	7.50	7.50	11.00	
		209	6715	6.61	6.50	7.42	8.00	10.04	12.00	8.50	8.50	8.50	12.00	8.50	8.50	8.50	8.50	8.50	8.50	12.00	8.50	8.50	8.50	8.50	8.50	8.50	12.00	86.73
		187	6885	8.91	10.50	9.88	11.50	12.49	14.00	10.50	10.50	10.50	13.00	10.50	10.50	10.50	10.50	10.50	10.50	13.00	10.50	10.50	10.50	10.50	10.50	10.50	13.00	
UN1 8 (6.850-7.125GHz)	802.11aa-HE20 MCS0	203	6965	9.50	11.50	10.77	12.00	13.39	15.00	9.50	9.50	9.50	12.00	9.50	9.50	9.50	9.50	9.50	9.50	12.00	9.50	9.50	9.50	9.50	9.50	9.50	12.00	85.45
		227	7085	8.97	10.50	9.78	11.50	12.41	14.00	8.50	8.50	8.50	12.00	8.50	8.50	8.50	8.50	8.50	8.50	12.00	8.50	8.50	8.50	8.50	8.50	8.50	12.00	
		189	6915	10.50	14.00	10.86	14.00	16.44	17.00	9.50	9.50	9.50	12.00	9.50	9.50	9.50	9.50	9.50	9.50	12.00	9.50	9.50	9.50	9.50	9.50	9.50	12.00	
		215	7025	10.47	12.00	10.97	12.50	13.73	15.50	9.50	9.50	9.50	12.00	9.50	9.50	9.50	9.50	9.50	9.50	12.00	9.50	9.50	9.50	9.50	9.50	9.50	12.00	85.20
		207	6995	12.20	14.00	10.52	14.00	16.37	17.00	7.25	9.50	7.54	9.00	10.41	12.00	9.51	11.00	9.58	11.00	12.46	14.00	7.78	9.50	8.06	9.50	10.85	12.50	85.71
	802.11aa-HE40 MCS0	143	6685	13.49	14.50	10.11	14.00	16.31	17.50	9.50	11.50	9.50	11.50	11.32	13.00	10.56	12.00	10.11	11.50	13.35	15.00	10.07	11.50	9.64	11.00	12.87	14.50	85.71
		189	6895	9.34	7.50	7.07	8.00	6.58	11.00	7.50	7.50	7.50	11.00	7.50	7.50	7.50	7.50	7.50	7.50	11.00	7.50	7.50	7.50	7.50	7.50	7.50	11.00	
		209	6715	6.61	6.50	7.42	8.00	10.04	12.00	8.50	8.50	8.50	12.00	8.50	8.50	8.50	8.50	8.50	8.50	12.00	8.50	8.50	8.50	8.50	8.50	8.50	12.00	
		187	6885	8.91	10.50	9.88	11.50	12.49	14.00	10.50	10.50	10.50	13.00	10.50	10.50	10.50	10.50	10.50	10.50	13.00	10.50	10.50	10.50	10.50	10.50	10.50	13.00	
		227	7085	8.97	10.50	9.78	11.50	12.41	14.00	8.50	8.50	8.50	12.00	8.50	8.50	8.50	8.50	8.50	8.50	12.00	8.50	8.50	8.50	8.50	8.50	8.50	12.00	