

5	16QAM	12	0	21.02	20.81	20.71	22	2
5	16QAM	12	7	20.79	20.82	20.95		
5	16QAM	12	13	20.85	20.79	20.89		
5	16QAM	25	0	20.83	20.76	20.61		
5	64QAM	1	0	20.81	20.90	20.79	22	2
5	64QAM	1	12	20.81	20.88	20.79		
5	64QAM	1	24	20.78	20.83	20.83		
5	64QAM	12	0	20.05	19.95	19.80	21	3
5	64QAM	12	7	19.86	19.86	19.91		
5	64QAM	12	13	19.99	19.91	19.91		
5	64QAM	25	0	19.83	19.95	19.99		
5	256QAM	1	0	17.80	17.66	17.76	19	5
5	256QAM	1	12	17.90	17.85	17.75		
5	256QAM	1	24	17.66	17.67	17.83		
5	256QAM	12	0	17.85	17.71	17.78	19	5
5	256QAM	12	7	17.68	17.67	17.65		
5	256QAM	12	13	17.71	17.75	17.68		
5	256QAM	25	0	17.65	17.84	17.70		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.61	22.82	22.70	24	0
3	QPSK	1	8	22.68	22.67	22.75		
3	QPSK	1	14	22.77	22.68	22.69		
3	QPSK	8	0	21.79	22.03	21.74	23	1
3	QPSK	8	4	21.89	21.80	21.82		
3	QPSK	8	7	21.90	21.86	21.79		
3	QPSK	15	0	21.79	21.87	21.86		
3	16QAM	1	0	22.22	22.10	22.08	23	1
3	16QAM	1	8	22.07	22.22	22.21		
3	16QAM	1	14	22.10	22.15	22.40		
3	16QAM	8	0	21.01	20.87	20.79	22	2
3	16QAM	8	4	20.80	20.80	20.91		
3	16QAM	8	7	20.79	20.77	20.81		
3	16QAM	15	0	20.83	20.80	20.60		
3	64QAM	1	0	20.81	20.88	20.77	22	2
3	64QAM	1	8	20.93	20.75	20.84		
3	64QAM	1	14	20.80	20.79	20.77		
3	64QAM	8	0	19.96	19.93	19.83	21	3
3	64QAM	8	4	19.82	19.81	19.90		
3	64QAM	8	7	19.98	19.97	19.93		
3	64QAM	15	0	19.72	19.98	19.95		
3	256QAM	1	0	17.74	17.67	17.76	19	5
3	256QAM	1	8	17.79	17.77	17.65		
3	256QAM	1	14	17.63	17.73	17.82		
3	256QAM	8	0	17.90	17.72	17.83	19	5
3	256QAM	8	4	17.69	17.65	17.74		
3	256QAM	8	7	17.81	17.73	17.74		
3	256QAM	15	0	17.72	17.76	17.70		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.71	22.76	22.67	24	0
1.4	QPSK	1	3	22.81	22.71	22.61		
1.4	QPSK	1	5	22.84	22.67	22.69		
1.4	QPSK	3	0	22.60	22.83	22.61		
1.4	QPSK	3	1	22.65	22.75	22.68		

1.4	QPSK	3	3	22.63	22.66	22.69		
1.4	QPSK	6	0	21.61	21.64	21.69	23	1
1.4	16QAM	1	0	21.84	21.66	21.69	23	1
1.4	16QAM	1	3	22.02	21.92	21.97		
1.4	16QAM	1	5	21.63	21.75	21.89		
1.4	16QAM	3	0	22.28	22.29	22.20		
1.4	16QAM	3	1	22.20	22.07	22.19		
1.4	16QAM	3	3	22.06	22.28	22.37		
1.4	16QAM	6	0	20.75	20.78	20.87	22	2
1.4	64QAM	1	0	20.87	20.75	20.93	22	2
1.4	64QAM	1	3	20.81	20.80	20.83		
1.4	64QAM	1	5	20.69	20.63	20.63		
1.4	64QAM	3	0	20.75	20.78	20.87		
1.4	64QAM	3	1	20.87	20.75	20.93		
1.4	64QAM	3	3	20.81	20.80	20.83		
1.4	64QAM	6	0	20.57	20.71	20.66	21	3
1.4	256QAM	1	0	17.86	17.76	17.70	19	5
1.4	256QAM	1	3	17.77	17.72	17.64		
1.4	256QAM	1	5	17.74	17.77	17.67		
1.4	256QAM	3	0	17.93	17.74	17.63		
1.4	256QAM	3	1	17.72	17.65	17.63		
1.4	256QAM	3	3	17.77	17.75	17.78		
1.4	256QAM	6	0	17.69	17.80	17.89	19	5

Band 71 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				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.82	22.98	22.96		
20	QPSK	1	49	22.90	22.97	22.96	24	0
20	QPSK	1	99	22.91	22.89	22.90		
20	QPSK	50	0	22.07	22.22	21.94		
20	QPSK	50	24	22.05	22.04	21.96	23	1
20	QPSK	50	50	22.21	21.98	22.08		
20	QPSK	100	0	21.92	22.07	21.97		
20	16QAM	1	0	22.38	22.36	22.34	23	1
20	16QAM	1	49	22.21	22.43	22.35		
20	16QAM	1	99	22.31	22.29	22.60		
20	16QAM	50	0	21.10	21.05	21.01	22	2
20	16QAM	50	24	21.06	21.10	21.06		
20	16QAM	50	50	21.04	20.99	20.97		
20	16QAM	100	0	21.00	20.95	20.81		
20	64QAM	1	0	21.01	21.06	20.95	22	2
20	64QAM	1	49	21.08	21.06	21.05		
20	64QAM	1	99	21.01	21.08	20.97		
20	64QAM	50	0	20.13	20.12	20.06	21	3
20	64QAM	50	24	20.02	20.09	20.09		
20	64QAM	50	50	20.25	20.12	20.17		
20	64QAM	100	0	20.05	20.11	20.18		
20	256QAM	1	0	18.02	17.86	18.00	19	5
20	256QAM	1	49	18.01	17.91	17.89		
20	256QAM	1	99	17.96	17.92	18.08		
20	256QAM	50	0	17.96	17.91	18.00	19	5
20	256QAM	50	24	17.89	17.96	17.92		

20	256QAM	50	50	17.96	18.02	17.96		
20	256QAM	100	0	17.92	17.97	18.01		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.73	22.69	22.75	24	0
15	QPSK	1	37	22.65	22.66	22.79		
15	QPSK	1	74	22.75	22.72	22.68		
15	QPSK	36	0	21.86	21.99	21.71	23	1
15	QPSK	36	20	21.88	21.84	21.72		
15	QPSK	36	39	21.92	21.84	21.85		
15	QPSK	75	0	21.81	21.83	21.86	23	1
15	16QAM	1	0	22.16	22.12	22.19		
15	16QAM	1	37	22.08	22.15	22.15		
15	16QAM	1	74	22.13	22.08	22.32	22	2
15	16QAM	36	0	20.96	20.85	20.79		
15	16QAM	36	20	20.77	20.78	20.84		
15	16QAM	36	39	20.92	20.86	20.77	22	2
15	16QAM	75	0	20.75	20.76	20.62		
15	64QAM	1	0	20.82	20.80	20.86		
15	64QAM	1	37	20.92	20.88	20.75	21	3
15	64QAM	1	74	20.78	20.84	20.86		
15	64QAM	36	0	20.04	19.87	19.78		
15	64QAM	36	20	19.79	19.78	19.91	19	5
15	64QAM	36	39	19.97	19.91	19.89		
15	64QAM	75	0	19.74	19.90	20.00		
15	256QAM	1	0	17.75	17.68	17.74	19	5
15	256QAM	1	37	17.82	17.79	17.69		
15	256QAM	1	74	17.68	17.73	17.77		
15	256QAM	36	0	17.85	17.65	17.76	19	5
15	256QAM	36	20	17.80	17.73	17.62		
15	256QAM	36	39	17.68	17.70	17.72		
15	256QAM	75	0	17.70	17.78	17.82	Tune-up limit (dBm)	MPR (dB)
Channel				133172	133272	133422		
Frequency (MHz)				668	678	693	24	0
10	QPSK	1	0	22.74	22.77	22.73		
10	QPSK	1	25	22.69	22.71	22.77	23	1
10	QPSK	1	49	22.69	22.73	22.64		
10	QPSK	25	0	21.79	21.94	21.75		
10	QPSK	25	12	21.79	21.77	21.72	23	1
10	QPSK	25	25	22.02	21.78	21.86		
10	QPSK	50	0	21.84	21.92	21.84		
10	16QAM	1	0	22.08	22.13	22.17	23	1
10	16QAM	1	25	22.10	22.20	22.26		
10	16QAM	1	49	22.23	22.23	22.40		
10	16QAM	25	0	20.99	20.89	20.69	22	2
10	16QAM	25	12	20.78	20.86	20.95		
10	16QAM	25	25	20.85	20.79	20.79		
10	16QAM	50	0	20.79	20.78	20.72	22	2
10	64QAM	1	0	20.85	20.83	20.87		
10	64QAM	1	25	20.85	20.75	20.75		
10	64QAM	1	49	20.77	20.86	20.83	21	3
10	64QAM	25	0	20.03	19.86	19.81		
10	64QAM	25	12	19.89	19.86	19.97		
10	64QAM	25	25	20.04	19.93	19.93	21	3
10	64QAM	50	0	19.86	19.98	19.99		

10	256QAM	1	0	17.80	17.67	17.73	19	5
10	256QAM	1	25	17.86	17.82	17.65		
10	256QAM	1	49	17.65	17.77	17.89		
10	256QAM	25	0	17.85	17.73	17.72	19	5
10	256QAM	25	12	17.71	17.77	17.69		
10	256QAM	25	25	17.81	17.83	17.70		
10	256QAM	50	0	17.68	17.83	17.71		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.70	22.78	22.75	24	0
5	QPSK	1	12	22.71	22.74	22.73		
5	QPSK	1	24	22.69	22.73	22.62		
5	QPSK	12	0	21.82	22.01	21.78	23	1
5	QPSK	12	7	21.85	21.82	21.79		
5	QPSK	12	13	22.01	21.84	21.89		
5	QPSK	25	0	21.75	21.82	21.87		
5	16QAM	1	0	22.20	22.15	22.14	23	1
5	16QAM	1	12	22.04	22.20	22.19		
5	16QAM	1	24	22.21	22.16	22.41		
5	16QAM	12	0	21.02	20.80	20.80	22	2
5	16QAM	12	7	20.89	20.90	20.86		
5	16QAM	12	13	20.88	20.73	20.79		
5	16QAM	25	0	20.77	20.77	20.67		
5	64QAM	1	0	20.85	20.93	20.85	22	2
5	64QAM	1	12	20.91	20.75	20.72		
5	64QAM	1	24	20.78	20.89	20.75		
5	64QAM	12	0	20.02	19.88	19.86	21	3
5	64QAM	12	7	19.83	19.84	19.88		
5	64QAM	12	13	20.03	20.02	19.95		
5	64QAM	25	0	19.73	19.89	19.87		
5	256QAM	1	0	17.70	17.64	17.79	19	5
5	256QAM	1	12	17.82	17.72	17.70		
5	256QAM	1	24	17.77	17.78	17.81		
5	256QAM	12	0	17.82	17.72	17.80	19	5
5	256QAM	12	7	17.69	17.67	17.69		
5	256QAM	12	13	17.71	17.82	17.71		
5	256QAM	25	0	17.78	17.82	17.76		

Band 5 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.64	21.66	21.49	23	0
10	QPSK	1	25	21.65	21.55	21.60		
10	QPSK	1	49	21.57	21.58	21.55		
10	QPSK	25	0	20.56	20.85	20.54	22	1
10	QPSK	25	12	20.66	20.56	20.72		
10	QPSK	25	25	20.78	20.71	20.80		
10	QPSK	50	0	20.58	20.72	20.69		
10	16QAM	1	0	21.10	20.98	21.07	22	1
10	16QAM	1	25	20.95	20.94	20.98		
10	16QAM	1	49	20.93	21.07	21.28		
10	16QAM	25	0	19.85	19.65	19.69	21	2

10	16QAM	25	12	19.62	19.76	19.82		
10	16QAM	25	25	19.83	19.72	19.60		
10	16QAM	50	0	19.60	19.60	19.47		
10	64QAM	1	0	19.82	19.63	19.75	21	2
10	64QAM	1	25	19.83	19.63	19.63		
10	64QAM	1	49	19.70	19.76	19.71		
10	64QAM	25	0	18.93	18.87	18.66	20	3
10	64QAM	25	12	18.74	18.76	18.78		
10	64QAM	25	25	18.93	18.93	18.89		
10	64QAM	50	0	18.69	18.71	18.90	18	5
10	256QAM	1	0	16.74	16.57	16.62		
10	256QAM	1	25	16.82	16.73	16.53		
10	256QAM	1	49	16.61	16.66	16.79	18	5
10	256QAM	25	0	16.63	16.44	16.61		
10	256QAM	25	12	16.61	16.53	16.48		
10	256QAM	25	25	16.60	16.55	16.63	18	5
10	256QAM	50	0	16.59	16.59	16.56		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.55	21.59	21.54	23	0
5	QPSK	1	12	21.50	21.60	21.50		
5	QPSK	1	24	21.57	21.49	21.50		
5	QPSK	12	0	20.64	20.73	20.53	22	1
5	QPSK	12	7	20.53	20.60	20.68		
5	QPSK	12	13	20.71	20.63	20.79		
5	QPSK	25	0	20.44	20.80	20.77	22	1
5	16QAM	1	0	21.16	21.02	20.97		
5	16QAM	1	12	20.90	21.00	21.01		
5	16QAM	1	24	21.00	21.08	21.23	21	2
5	16QAM	12	0	19.80	19.59	19.56		
5	16QAM	12	7	19.58	19.76	19.74		
5	16QAM	12	13	19.70	19.64	19.47	21	2
5	16QAM	25	0	19.48	19.47	19.35		
5	64QAM	1	0	19.79	19.56	19.80		
5	64QAM	1	12	19.84	19.60	19.59	21	2
5	64QAM	1	24	19.61	19.77	19.81		
5	64QAM	12	0	18.80	18.77	18.74		
5	64QAM	12	7	18.68	18.70	18.88	20	3
5	64QAM	12	13	18.89	18.88	18.98		
5	64QAM	25	0	18.61	18.66	18.85		
5	256QAM	1	0	16.68	16.50	16.70	18	5
5	256QAM	1	12	16.68	16.79	16.46		
5	256QAM	1	24	16.51	16.69	16.85		
5	256QAM	12	0	16.71	16.43	16.70	18	5
5	256QAM	12	7	16.59	16.51	16.42		
5	256QAM	12	13	16.52	16.42	16.60		
5	256QAM	25	0	16.51	16.63	16.50	Tune-up limit (dBm)	MPR (dB)
Channel				20415	20525	20635		
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.61	21.63	21.55	23	0
3	QPSK	1	8	21.58	21.47	21.60		
3	QPSK	1	14	21.64	21.50	21.64		
3	QPSK	8	0	20.61	20.88	20.60	22	1
3	QPSK	8	4	20.53	20.54	20.62		
3	QPSK	8	7	20.78	20.77	20.74		

3	QPSK	15	0	20.63	20.76	20.66		
3	16QAM	1	0	21.11	21.04	20.93	22	1
3	16QAM	1	8	20.97	21.02	20.88		
3	16QAM	1	14	20.85	21.12	21.14		
3	16QAM	8	0	19.94	19.65	19.75	21	2
3	16QAM	8	4	19.56	19.77	19.91		
3	16QAM	8	7	19.81	19.66	19.49		
3	16QAM	15	0	19.65	19.54	19.50	21	2
3	64QAM	1	0	19.89	19.65	19.66		
3	64QAM	1	8	19.76	19.73	19.70		
3	64QAM	1	14	19.73	19.71	19.81	20	3
3	64QAM	8	0	18.79	18.73	18.63		
3	64QAM	8	4	18.79	18.72	18.82		
3	64QAM	8	7	18.83	19.02	18.79	20	3
3	64QAM	15	0	18.72	18.72	18.78		
3	256QAM	1	0	16.78	16.56	16.66		
3	256QAM	1	8	16.78	16.67	16.46	18	5
3	256QAM	1	14	16.71	16.58	16.69		
3	256QAM	8	0	16.60	16.45	16.52		
3	256QAM	8	4	16.67	16.50	16.45	18	5
3	256QAM	8	7	16.64	16.62	16.52		
3	256QAM	15	0	16.55	16.54	16.52		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.51	21.58	21.47	23	0
1.4	QPSK	1	3	21.60	21.46	21.43		
1.4	QPSK	1	5	21.60	21.43	21.45		
1.4	QPSK	3	0	21.43	21.60	21.45		
1.4	QPSK	3	1	21.46	21.53	21.52		
1.4	QPSK	3	3	21.39	21.41	21.50	22	1
1.4	QPSK	6	0	20.42	20.48	20.49		
1.4	16QAM	1	0	20.67	20.42	20.52		
1.4	16QAM	1	3	20.83	20.76	20.72		
1.4	16QAM	1	5	20.46	20.51	20.69		
1.4	16QAM	3	0	21.13	21.09	20.96	21	2
1.4	16QAM	3	1	21.00	20.91	21.03		
1.4	16QAM	3	3	20.89	21.06	21.16		
1.4	16QAM	6	0	19.55	19.57	19.70		
1.4	64QAM	1	0	19.67	19.60	19.70		
1.4	64QAM	1	3	19.57	19.60	19.58	21	2
1.4	64QAM	1	5	19.49	19.38	19.38		
1.4	64QAM	3	0	19.58	19.53	19.70		
1.4	64QAM	3	1	19.65	19.58	19.71		
1.4	64QAM	3	3	19.63	19.56	19.66		
1.4	64QAM	6	0	19.34	19.54	19.48	20	3
1.4	256QAM	1	0	16.61	16.59	16.49	18	5
1.4	256QAM	1	3	16.60	16.55	16.44		
1.4	256QAM	1	5	16.56	16.60	16.44		
1.4	256QAM	3	0	16.69	16.59	16.46		
1.4	256QAM	3	1	16.47	16.45	16.40		
1.4	256QAM	3	3	16.58	16.55	16.60	18	5
1.4	256QAM	6	0	16.50	16.60	16.65		

Band 13 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				23230				
Frequency (MHz)				782				
10	QPSK	1	0		21.77		23	0
10	QPSK	1	25		21.51			
10	QPSK	1	49		21.64			
10	QPSK	25	0		20.75		22	1
10	QPSK	25	12		20.70			
10	QPSK	25	25		20.71			
10	QPSK	50	0		20.73		22	1
10	16QAM	1	0		21.07			
10	16QAM	1	25		21.20			
10	16QAM	1	49		21.05		21	2
10	16QAM	25	0		19.67			
10	16QAM	25	12		19.73			
10	16QAM	25	25		19.63		21	2
10	16QAM	50	0		19.67			
10	64QAM	1	0		19.69			
10	64QAM	1	25		19.71		21	2
10	64QAM	1	49		19.70			
10	64QAM	25	0		18.84			
10	64QAM	25	12		18.67		20	3
10	64QAM	25	25		18.84			
10	64QAM	50	0		18.76			
10	256QAM	1	0		16.59		18	5
10	256QAM	1	25		16.61			
10	256QAM	1	49		16.70			
10	256QAM	25	0		16.66		18	5
10	256QAM	25	12		16.60			
10	256QAM	25	25		16.52			
10	256QAM	50	0		16.63			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.60	21.68	21.57	23	0
5	QPSK	1	12	21.75	21.56	21.61		
5	QPSK	1	24	21.45	21.64	21.53		
5	QPSK	12	0	20.82	21.02	20.52	22	1
5	QPSK	12	7	20.72	20.75	20.63		
5	QPSK	12	13	20.94	20.85	20.76		
5	QPSK	25	0	20.80	20.82	20.59	22	1
5	16QAM	1	0	21.19	20.99	21.00		
5	16QAM	1	12	20.97	21.06	21.08		
5	16QAM	1	24	20.95	21.00	21.20	21	2
5	16QAM	12	0	19.89	19.72	19.70		
5	16QAM	12	7	19.78	19.72	19.72		
5	16QAM	12	13	19.72	19.86	19.81	21	2
5	16QAM	25	0	19.70	19.61	19.54		
5	64QAM	1	0	19.70	19.65	19.70		
5	64QAM	1	12	19.72	19.87	19.62	21	2
5	64QAM	1	24	19.66	19.82	19.64		
5	64QAM	12	0	18.92	18.74	18.76		
5	64QAM	12	7	18.75	18.69	18.98	20	3
5	64QAM	12	13	18.84	18.74	18.84		

5	64QAM	25	0	18.60	18.87	18.72	18	5
5	256QAM	1	0	16.70	16.62	16.64		
5	256QAM	1	12	16.72	16.77	16.66		
5	256QAM	1	24	16.47	16.64	16.79		
5	256QAM	12	0	16.64	16.65	16.70	18	5
5	256QAM	12	7	16.64	16.70	16.58		
5	256QAM	12	13	16.67	16.68	16.53		
5	256QAM	25	0	16.59	16.61	16.79		

Band 17 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800	23	0
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.58	21.78	21.76		
10	QPSK	1	25	21.57	21.56	21.55	22	1
10	QPSK	1	49	21.69	21.68	21.49		
10	QPSK	25	0	20.82	20.85	20.70		
10	QPSK	25	12	20.84	20.81	20.75		
10	QPSK	25	25	20.53	20.75	20.74	22	1
10	QPSK	50	0	20.70	20.81	20.80		
10	16QAM	1	0	21.07	21.08	21.17		
10	16QAM	1	25	21.10	21.08	21.14		
10	16QAM	1	49	21.21	21.08	21.30	21	2
10	16QAM	25	0	19.91	20.01	19.74		
10	16QAM	25	12	19.78	19.93	19.87		
10	16QAM	25	25	19.89	19.88	19.72		
10	16QAM	50	0	19.75	19.75	19.68	21	2
10	64QAM	1	0	19.98	19.84	19.91		
10	64QAM	1	25	19.86	19.81	19.68		
10	64QAM	1	49	19.82	19.70	19.76		
10	64QAM	25	0	18.99	18.81	18.68	20	3
10	64QAM	25	12	18.91	18.80	18.97		
10	64QAM	25	25	18.87	18.89	18.83		
10	64QAM	50	0	18.84	18.91	19.02		
10	256QAM	1	0	16.64	16.63	16.74	18	5
10	256QAM	1	25	16.86	16.80	16.66		
10	256QAM	1	49	16.72	16.67	16.86		
10	256QAM	25	0	16.74	16.67	16.88		
10	256QAM	25	12	16.77	16.72	16.62	18	5
10	256QAM	25	25	16.60	16.72	16.56		
10	256QAM	50	0	16.68	16.74	16.67		
Channel				23755	23790	23825	23	0
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.63	21.72	21.70		
5	QPSK	1	12	21.66	21.68	21.72	22	1
5	QPSK	1	24	21.60	21.74	21.55		
5	QPSK	12	0	20.76	21.02	20.73		
5	QPSK	12	7	20.81	20.85	20.92		
5	QPSK	12	13	20.72	20.80	20.78	22	1
5	QPSK	25	0	20.89	20.91	20.80		
5	16QAM	1	0	21.22	21.23	21.03		
5	16QAM	1	12	20.95	21.12	21.09		
5	16QAM	1	24	21.29	21.12	21.37	22	1

5	16QAM	12	0	20.02	19.88	19.65	21	2
5	16QAM	12	7	19.73	19.76	19.74		
5	16QAM	12	13	19.95	19.83	19.93		
5	16QAM	25	0	19.70	19.82	19.68		
5	64QAM	1	0	19.78	19.77	19.79	21	2
5	64QAM	1	12	19.82	19.70	19.68		
5	64QAM	1	24	19.86	19.85	19.75		
5	64QAM	12	0	19.05	18.91	18.87	20	3
5	64QAM	12	7	18.94	18.86	18.85		
5	64QAM	12	13	18.90	18.94	18.94		
5	64QAM	25	0	18.94	18.95	18.99		
5	256QAM	1	0	16.66	16.54	16.79	18	5
5	256QAM	1	12	16.86	16.85	16.81		
5	256QAM	1	24	16.59	16.66	16.90		
5	256QAM	12	0	16.91	16.62	16.86	18	5
5	256QAM	12	7	16.77	16.88	16.72		
5	256QAM	12	13	16.72	16.67	16.65		
5	256QAM	25	0	16.68	16.92	16.67		

Band 26 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.36	21.64	21.34	23	0
15	QPSK	1	37	21.45	21.44	21.34		
15	QPSK	1	74	21.53	21.48	21.27		
15	QPSK	36	0	20.49	20.68	20.37	22	1
15	QPSK	36	20	20.40	20.53	20.35		
15	QPSK	36	39	20.66	20.65	20.56		
15	QPSK	75	0	20.48	20.68	20.43		
15	16QAM	1	0	20.79	20.93	20.79	22	1
15	16QAM	1	37	20.80	20.96	20.99		
15	16QAM	1	74	21.01	20.82	20.91		
15	16QAM	36	0	19.61	19.57	19.39	21	2
15	16QAM	36	20	19.52	19.65	19.56		
15	16QAM	36	39	19.64	19.59	19.51		
15	16QAM	75	0	19.41	19.50	19.42		
15	64QAM	1	0	19.62	19.67	19.50	21	2
15	64QAM	1	37	19.66	19.65	19.50		
15	64QAM	1	74	19.42	19.48	19.45		
15	64QAM	36	0	18.66	18.63	18.58	20	3
15	64QAM	36	20	18.45	18.63	18.61		
15	64QAM	36	39	18.74	18.57	18.69		
15	64QAM	75	0	18.45	18.59	18.54		
15	256QAM	1	0	16.38	16.19	16.52	18	5
15	256QAM	1	37	16.62	16.39	16.41		
15	256QAM	1	74	16.34	16.34	16.48		
15	256QAM	36	0	16.49	16.52	16.33	18	5
15	256QAM	36	20	16.38	16.29	16.52		
15	256QAM	36	39	16.34	16.43	16.43		
15	256QAM	75	0	16.39	16.46	16.33		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		

10	QPSK	1	0	21.24	21.43	21.28	23	0
10	QPSK	1	25	21.55	21.47	21.36		
10	QPSK	1	49	21.36	21.33	21.33		
10	QPSK	25	0	20.52	20.63	20.45	22	1
10	QPSK	25	12	20.52	20.48	20.49		
10	QPSK	25	25	20.69	20.57	20.54		
10	QPSK	50	0	20.54	20.69	20.51	22	1
10	16QAM	1	0	20.91	20.75	20.80		
10	16QAM	1	25	20.90	20.85	21.05		
10	16QAM	1	49	21.00	20.83	20.98	21	2
10	16QAM	25	0	19.79	19.55	19.50		
10	16QAM	25	12	19.51	19.48	19.53		
10	16QAM	25	25	19.67	19.57	19.51	21	2
10	16QAM	50	0	19.45	19.56	19.46		
10	64QAM	1	0	19.48	19.56	19.44		
10	64QAM	1	25	19.52	19.45	19.59	21	2
10	64QAM	1	49	19.52	19.39	19.43		
10	64QAM	25	0	18.61	18.55	18.66		
10	64QAM	25	12	18.47	18.54	18.61	20	3
10	64QAM	25	25	18.72	18.60	18.58		
10	64QAM	50	0	18.46	18.58	18.68		
10	256QAM	1	0	16.53	16.37	16.45	18	5
10	256QAM	1	25	16.47	16.58	16.37		
10	256QAM	1	49	16.27	16.31	16.56		
10	256QAM	25	0	16.48	16.41	16.33	18	5
10	256QAM	25	12	16.41	16.32	16.50		
10	256QAM	25	25	16.53	16.43	16.48		
10	256QAM	50	0	16.33	16.50	16.50	Tune-up limit (dBm)	MPR (dB)
Channel				26715	26865	27015		
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.37	21.43	21.35	23	0
5	QPSK	1	12	21.41	21.39	21.35		
5	QPSK	1	24	21.58	21.42	21.30		
5	QPSK	12	0	20.64	20.62	20.48	22	1
5	QPSK	12	7	20.59	20.46	20.36		
5	QPSK	12	13	20.62	20.63	20.36		
5	QPSK	25	0	20.46	20.55	20.36	22	1
5	16QAM	1	0	20.85	20.91	20.83		
5	16QAM	1	12	20.81	20.95	20.98		
5	16QAM	1	24	20.97	20.94	21.01	21	2
5	16QAM	12	0	19.67	19.66	19.53		
5	16QAM	12	7	19.42	19.58	19.73		
5	16QAM	12	13	19.47	19.58	19.48	21	2
5	16QAM	25	0	19.34	19.57	19.47		
5	64QAM	1	0	19.55	19.69	19.45		
5	64QAM	1	12	19.69	19.63	19.52	21	2
5	64QAM	1	24	19.58	19.39	19.56		
5	64QAM	12	0	18.78	18.44	18.65		
5	64QAM	12	7	18.53	18.64	18.71	20	3
5	64QAM	12	13	18.75	18.58	18.57		
5	64QAM	25	0	18.39	18.70	18.64		
5	256QAM	1	0	16.35	16.35	16.42	18	5
5	256QAM	1	12	16.58	16.55	16.48		
5	256QAM	1	24	16.20	16.31	16.61		
5	256QAM	12	0	16.55	16.37	16.34	18	5
5	256QAM	12	7	16.47	16.40	16.36		

5	256QAM	12	13	16.30	16.40	16.32		
5	256QAM	25	0	16.42	16.50	16.39		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.31	21.49	21.48	23	0
3	QPSK	1	8	21.44	21.36	21.35		
3	QPSK	1	14	21.43	21.39	21.26		
3	QPSK	8	0	20.57	20.70	20.48	22	1
3	QPSK	8	4	20.52	20.50	20.41		
3	QPSK	8	7	20.71	20.55	20.36		
3	QPSK	15	0	20.47	20.63	20.48		
3	16QAM	1	0	20.84	20.92	20.80	22	1
3	16QAM	1	8	20.76	20.81	21.01		
3	16QAM	1	14	21.00	20.77	20.95		
3	16QAM	8	0	19.75	19.66	19.41	21	2
3	16QAM	8	4	19.61	19.70	19.58		
3	16QAM	8	7	19.47	19.60	19.64		
3	16QAM	15	0	19.37	19.55	19.32		
3	64QAM	1	0	19.67	19.62	19.48	21	2
3	64QAM	1	8	19.52	19.50	19.41		
3	64QAM	1	14	19.46	19.43	19.45		
3	64QAM	8	0	18.77	18.47	18.46	20	3
3	64QAM	8	4	18.63	18.52	18.57		
3	64QAM	8	7	18.63	18.73	18.70		
3	64QAM	15	0	18.53	18.61	18.57		
3	256QAM	1	0	16.55	16.21	16.42	18	5
3	256QAM	1	8	16.47	16.39	16.48		
3	256QAM	1	14	16.32	16.32	16.59		
3	256QAM	8	0	16.61	16.53	16.34	18	5
3	256QAM	8	4	16.28	16.30	16.50		
3	256QAM	8	7	16.32	16.29	16.39		
3	256QAM	15	0	16.38	16.55	16.46		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.25	21.52	21.38	23	0
1.4	QPSK	1	3	21.53	21.52	21.39		
1.4	QPSK	1	5	21.49	21.31	21.38		
1.4	QPSK	3	0	20.49	20.63	20.41		
1.4	QPSK	3	1	20.41	20.54	20.40		
1.4	QPSK	3	3	20.57	20.65	20.54		
1.4	QPSK	6	0	20.52	20.57	20.57	22	1
1.4	16QAM	1	0	20.85	20.93	20.95	22	1
1.4	16QAM	1	3	20.78	20.79	20.84		
1.4	16QAM	1	5	20.98	20.84	21.03		
1.4	16QAM	3	0	19.62	19.72	19.41		
1.4	16QAM	3	1	19.46	19.53	19.64		
1.4	16QAM	3	3	19.68	19.53	19.53		
1.4	16QAM	6	0	19.30	19.49	19.48	21	2
1.4	64QAM	1	0	19.52	19.63	19.41	21	2
1.4	64QAM	1	3	19.65	19.63	19.61		
1.4	64QAM	1	5	19.52	19.48	19.41		
1.4	64QAM	3	0	18.63	18.47	18.64		
1.4	64QAM	3	1	18.63	18.61	18.51		
1.4	64QAM	3	3	18.61	18.77	18.63		
1.4	64QAM	6	0	18.43	18.66	18.65	20	3

1.4	256QAM	1	0	16.46	16.18	16.46	18	5
1.4	256QAM	1	3	16.48	16.47	16.49		
1.4	256QAM	1	5	16.42	16.37	16.59		
1.4	256QAM	3	0	16.54	16.31	16.47		
1.4	256QAM	3	1	16.44	16.40	16.35		
1.4	256QAM	3	3	16.40	16.49	16.41		
1.4	256QAM	6	0	16.38	16.36	16.48	18	5

Band 71 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				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.72	21.87	21.73	23	0
20	QPSK	1	49	21.62	21.77	21.68		
20	QPSK	1	99	21.68	21.79	21.67		
20	QPSK	50	0	20.73	20.82	20.66	22	1
20	QPSK	50	24	20.77	20.73	20.78		
20	QPSK	50	50	20.75	20.65	20.77		
20	QPSK	100	0	20.82	20.96	20.65		
20	16QAM	1	0	21.10	21.24	21.14	22	1
20	16QAM	1	49	21.03	21.14	21.17		
20	16QAM	1	99	21.15	21.15	21.45		
20	16QAM	50	0	19.96	19.77	19.87	21	2
20	16QAM	50	24	19.86	19.90	19.84		
20	16QAM	50	50	19.81	19.76	19.86		
20	16QAM	100	0	19.86	19.76	19.49		
20	64QAM	1	0	19.89	19.74	19.79	21	2
20	64QAM	1	49	19.85	19.88	19.76		
20	64QAM	1	99	19.88	19.98	19.75		
20	64QAM	50	0	18.81	18.90	18.86	20	3
20	64QAM	50	24	18.80	18.95	18.84		
20	64QAM	50	50	19.08	18.83	19.06		
20	64QAM	100	0	18.87	18.88	19.05		
20	256QAM	1	0	16.70	16.70	16.73	18	5
20	256QAM	1	49	16.76	16.73	16.77		
20	256QAM	1	99	16.68	16.71	16.88		
20	256QAM	50	0	16.84	16.66	16.89	18	5
20	256QAM	50	24	16.71	16.63	16.70		
20	256QAM	50	50	16.62	16.83	16.76		
20	256QAM	100	0	16.68	16.76	16.71		
Channel				133197	133297	133397		
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.52	21.80	21.79	23	0
15	QPSK	1	37	21.68	21.86	21.71		
15	QPSK	1	74	21.68	21.60	21.69		
15	QPSK	36	0	20.87	21.12	20.72	22	1
15	QPSK	36	20	20.74	20.93	20.69		
15	QPSK	36	39	20.93	20.84	20.79		
15	QPSK	75	0	20.66	20.91	20.75		
15	16QAM	1	0	21.22	21.03	21.01	22	1
15	16QAM	1	37	21.06	21.18	21.08		
15	16QAM	1	74	21.01	21.19	21.48		
15	16QAM	36	0	19.88	19.79	19.90	21	2

15	16QAM	36	20	19.95	19.91	19.87		
15	16QAM	36	39	19.75	19.66	19.80		
15	16QAM	75	0	19.82	19.68	19.65		
15	64QAM	1	0	19.81	19.76	19.70	21	2
15	64QAM	1	37	19.94	19.77	19.75		
15	64QAM	1	74	19.69	19.76	19.68		
15	64QAM	36	0	18.80	18.80	18.80	20	3
15	64QAM	36	20	18.87	18.80	18.81		
15	64QAM	36	39	19.02	18.86	18.96		
15	64QAM	75	0	18.91	18.89	18.94	18	5
15	256QAM	1	0	16.86	16.67	16.83		
15	256QAM	1	37	16.77	16.76	16.60		
15	256QAM	1	74	16.68	16.75	16.93	18	5
15	256QAM	36	0	16.68	16.70	16.69		
15	256QAM	36	20	16.78	16.69	16.80		
15	256QAM	36	39	16.71	16.91	16.65	18	5
15	256QAM	75	0	16.67	16.67	16.83		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.52	21.81	21.78	23	0
10	QPSK	1	25	21.70	21.66	21.79		
10	QPSK	1	49	21.74	21.64	21.64		
10	QPSK	25	0	20.91	20.93	20.83	22	1
10	QPSK	25	12	20.94	20.93	20.73		
10	QPSK	25	25	20.97	20.71	20.75		
10	QPSK	50	0	20.76	20.97	20.76	22	1
10	16QAM	1	0	21.23	21.06	21.10		
10	16QAM	1	25	20.93	21.23	21.07		
10	16QAM	1	49	21.14	21.00	21.35	21	2
10	16QAM	25	0	19.99	19.76	19.70		
10	16QAM	25	12	19.83	19.79	19.95		
10	16QAM	25	25	19.88	19.70	19.77	21	2
10	16QAM	50	0	19.85	19.72	19.62		
10	64QAM	1	0	19.82	19.78	19.70		
10	64QAM	1	25	19.97	19.94	19.79	21	2
10	64QAM	1	49	19.82	19.83	19.71		
10	64QAM	25	0	19.02	18.86	18.91		
10	64QAM	25	12	18.73	18.80	18.89	20	3
10	64QAM	25	25	18.95	18.98	19.00		
10	64QAM	50	0	18.80	18.89	18.87		
10	256QAM	1	0	16.71	16.61	16.89	18	5
10	256QAM	1	25	16.74	16.67	16.70		
10	256QAM	1	49	16.66	16.73	16.96		
10	256QAM	25	0	16.76	16.77	16.79	18	5
10	256QAM	25	12	16.62	16.71	16.77		
10	256QAM	25	25	16.79	16.73	16.77		
10	256QAM	50	0	16.63	16.74	16.91	Tune-up limit (dBm)	MPR (dB)
Channel				133147	133247	133447		
Frequency (MHz)				665.5	675.5	695.5	23	0
5	QPSK	1	0	21.72	21.77	21.84		
5	QPSK	1	12	21.77	21.81	21.71		
5	QPSK	1	24	21.64	21.55	21.67	22	1
5	QPSK	12	0	20.96	21.09	20.69		
5	QPSK	12	7	20.88	20.75	20.63		
5	QPSK	12	13	21.07	20.82	20.94		

5	QPSK	25	0	20.68	20.78	20.76		
5	16QAM	1	0	21.05	21.10	21.09	22	1
5	16QAM	1	12	21.04	21.19	21.16		
5	16QAM	1	24	21.19	20.96	21.46		
5	16QAM	12	0	19.98	19.82	19.69	21	2
5	16QAM	12	7	19.84	19.99	19.96		
5	16QAM	12	13	19.71	19.72	19.66		
5	16QAM	25	0	19.81	19.66	19.55	21	2
5	64QAM	1	0	19.74	19.80	19.85		
5	64QAM	1	12	19.93	19.87	19.75		
5	64QAM	1	24	19.87	19.75	19.82	20	3
5	64QAM	12	0	18.81	18.95	18.72		
5	64QAM	12	7	18.77	18.98	18.79		
5	64QAM	12	13	18.99	18.99	18.90	20	3
5	64QAM	25	0	18.74	18.81	18.93		
5	256QAM	1	0	16.86	16.61	16.69	18	5
5	256QAM	1	12	16.84	16.65	16.65		
5	256QAM	1	24	16.82	16.69	16.88		
5	256QAM	12	0	16.84	16.72	16.83	18	5
5	256QAM	12	7	16.67	16.84	16.65		
5	256QAM	12	13	16.68	16.85	16.63		
5	256QAM	25	0	16.74	16.73	16.81		

Band 2 Ant 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.74	22.84	22.79	24	0
20	QPSK	1	49	22.79	22.78	22.81		
20	QPSK	1	99	22.80	22.83	22.74		
20	QPSK	50	0	21.87	22.04	21.83	23	1
20	QPSK	50	24	21.93	21.85	21.85		
20	QPSK	50	50	22.02	21.89	21.90		
20	QPSK	100	0	21.85	21.96	21.90	23	1
20	16QAM	1	0	22.22	22.21	22.23		
20	16QAM	1	49	22.15	22.25	22.28		
20	16QAM	1	99	22.24	22.23	22.42	22	2
20	16QAM	50	0	21.03	20.95	20.84		
20	16QAM	50	24	20.91	20.92	20.98		
20	16QAM	50	50	20.94	20.88	20.90	22	2
20	16QAM	100	0	20.84	20.90	20.75		
20	64QAM	1	0	20.92	20.94	20.87		
20	64QAM	1	49	20.95	20.89	20.86	21	3
20	64QAM	1	99	20.84	20.90	20.89		
20	64QAM	50	0	20.08	19.97	19.88		
20	64QAM	50	24	19.94	19.92	19.98	19	5
20	64QAM	50	50	20.10	20.05	19.99		
20	64QAM	100	0	19.86	20.00	20.00		
20	256QAM	1	0	17.83	17.69	17.82	19	5
20	256QAM	1	49	17.91	17.85	17.79		
20	256QAM	1	99	17.77	17.79	17.91		
20	256QAM	50	0	17.91	17.74	17.87	19	5
20	256QAM	50	24	17.81	17.80	17.75		
20	256QAM	50	50	17.82	17.83	17.82		

20	256QAM	100	0	17.79	17.85	17.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.62	22.73	22.74	24	0
15	QPSK	1	37	22.64	22.66	22.68		
15	QPSK	1	74	22.73	22.71	22.67		
15	QPSK	36	0	21.80	21.97	21.76	23	1
15	QPSK	36	20	21.81	21.73	21.73		
15	QPSK	36	39	21.87	21.81	21.77		
15	QPSK	75	0	21.80	21.87	21.76	23	1
15	16QAM	1	0	22.14	22.14	22.14		
15	16QAM	1	37	22.05	22.11	22.14		
15	16QAM	1	74	22.14	22.11	22.36	22	2
15	16QAM	36	0	20.94	20.89	20.73		
15	16QAM	36	20	20.79	20.83	20.91		
15	16QAM	36	39	20.87	20.77	20.75	22	2
15	16QAM	75	0	20.78	20.79	20.60		
15	64QAM	1	0	20.81	20.87	20.80		
15	64QAM	1	37	20.85	20.76	20.73	21	3
15	64QAM	1	74	20.76	20.84	20.77		
15	64QAM	36	0	20.03	19.85	19.82		
15	64QAM	36	20	19.87	19.78	19.87	19	5
15	64QAM	36	39	19.97	19.92	19.85		
15	64QAM	75	0	19.76	19.90	19.91		
15	256QAM	1	0	17.72	17.64	17.72	19	5
15	256QAM	1	37	17.78	17.71	17.67		
15	256QAM	1	74	17.62	17.71	17.81		
15	256QAM	36	0	17.83	17.64	17.77	19	5
15	256QAM	36	20	17.66	17.67	17.68		
15	256QAM	36	39	17.72	17.73	17.72		
15	256QAM	75	0	17.74	17.70	17.75		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.65	22.79	22.69	24	0
10	QPSK	1	25	22.69	22.66	22.67		
10	QPSK	1	49	22.66	22.71	22.64		
10	QPSK	25	0	21.72	21.96	21.73	23	1
10	QPSK	25	12	21.87	21.77	21.76		
10	QPSK	25	25	21.94	21.77	21.76		
10	QPSK	50	0	21.75	21.83	21.79	23	1
10	16QAM	1	0	22.13	22.07	22.08		
10	16QAM	1	25	22.04	22.15	22.20		
10	16QAM	1	49	22.12	22.13	22.31	22	2
10	16QAM	25	0	20.90	20.83	20.76		
10	16QAM	25	12	20.85	20.80	20.88		
10	16QAM	25	25	20.83	20.76	20.83	22	2
10	16QAM	50	0	20.78	20.81	20.68		
10	64QAM	1	0	20.86	20.86	20.76		
10	64QAM	1	25	20.90	20.81	20.75	21	3
10	64QAM	1	49	20.72	20.80	20.76		
10	64QAM	25	0	19.94	19.84	19.82		
10	64QAM	25	12	19.89	19.80	19.86	19	5
10	64QAM	25	25	20.04	19.95	19.93		
10	64QAM	50	0	19.74	19.90	19.88		
10	256QAM	1	0	17.71	17.57	17.74		

10	256QAM	1	25	17.86	17.77	17.71	19	5
10	256QAM	1	49	17.68	17.71	17.81		
10	256QAM	25	0	17.80	17.67	17.79		
10	256QAM	25	12	17.72	17.74	17.66		
10	256QAM	25	25	17.71	17.71	17.75		
10	256QAM	50	0	17.66	17.70	17.73		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.65	22.75	22.69	24	0
5	QPSK	1	12	22.68	22.70	22.73		
5	QPSK	1	24	22.70	22.70	22.69		
5	QPSK	12	0	21.78	21.93	21.75	23	1
5	QPSK	12	7	21.82	21.78	21.73		
5	QPSK	12	13	21.94	21.81	21.84		
5	QPSK	25	0	21.72	21.89	21.79		
5	16QAM	1	0	22.15	22.16	22.16	23	1
5	16QAM	1	12	22.05	22.14	22.17		
5	16QAM	1	24	22.14	22.14	22.35		
5	16QAM	12	0	20.96	20.84	20.70	22	2
5	16QAM	12	7	20.76	20.84	20.89		
5	16QAM	12	13	20.87	20.75	20.80		
5	16QAM	25	0	20.78	20.84	20.67		
5	64QAM	1	0	20.80	20.84	20.76	22	2
5	64QAM	1	12	20.88	20.75	20.79		
5	64QAM	1	24	20.72	20.84	20.81		
5	64QAM	12	0	19.94	19.85	19.83	21	3
5	64QAM	12	7	19.83	19.79	19.85		
5	64QAM	12	13	19.98	20.00	19.84		
5	64QAM	25	0	19.81	19.85	19.87		
5	256QAM	1	0	17.68	17.56	17.70	19	5
5	256QAM	1	12	17.85	17.72	17.65		
5	256QAM	1	24	17.63	17.69	17.78		
5	256QAM	12	0	17.84	17.67	17.77	19	5
5	256QAM	12	7	17.71	17.69	17.66		
5	256QAM	12	13	17.71	17.77	17.76		
5	256QAM	25	0	17.65	17.71	17.70		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.62	22.70	22.71	24	0
3	QPSK	1	8	22.64	22.71	22.67		
3	QPSK	1	14	22.68	22.68	22.62		
3	QPSK	8	0	21.74	21.92	21.74	23	1
3	QPSK	8	4	21.83	21.77	21.77		
3	QPSK	8	7	21.95	21.78	21.77		
3	QPSK	15	0	21.75	21.83	21.78		
3	16QAM	1	0	22.16	22.07	22.15	23	1
3	16QAM	1	8	22.07	22.13	22.15		
3	16QAM	1	14	22.19	22.13	22.30		
3	16QAM	8	0	20.98	20.83	20.75	22	2
3	16QAM	8	4	20.77	20.81	20.89		
3	16QAM	8	7	20.81	20.83	20.77		
3	16QAM	15	0	20.72	20.78	20.67		
3	64QAM	1	0	20.82	20.87	20.75	22	2
3	64QAM	1	8	20.88	20.83	20.77		
3	64QAM	1	14	20.76	20.84	20.82		

3	64QAM	8	0	19.99	19.83	19.75	21	3
3	64QAM	8	4	19.83	19.84	19.87		
3	64QAM	8	7	19.97	19.93	19.93		
3	64QAM	15	0	19.74	19.87	19.90		
3	256QAM	1	0	17.74	17.58	17.71	19	5
3	256QAM	1	8	17.85	17.78	17.65		
3	256QAM	1	14	17.70	17.72	17.83		
3	256QAM	8	0	17.80	17.67	17.73	19	5
3	256QAM	8	4	17.73	17.72	17.60		
3	256QAM	8	7	17.74	17.71	17.68		
3	256QAM	15	0	17.69	17.75	17.76		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.64	22.78	22.65	24	0
1.4	QPSK	1	3	22.69	22.70	22.67		
1.4	QPSK	1	5	22.67	22.65	22.70		
1.4	QPSK	3	0	22.60	22.82	22.68		
1.4	QPSK	3	1	22.62	22.61	22.78		
1.4	QPSK	3	3	22.72	22.63	22.57		
1.4	QPSK	6	0	21.61	21.65	21.64	23	1
1.4	16QAM	1	0	21.83	21.65	21.70	23	1
1.4	16QAM	1	3	21.88	21.79	21.91		
1.4	16QAM	1	5	21.54	21.74	21.80		
1.4	16QAM	3	0	22.19	22.19	22.28		
1.4	16QAM	3	1	22.17	22.05	22.27		
1.4	16QAM	3	3	22.12	22.24	22.29	22	2
1.4	16QAM	6	0	20.86	20.85	20.76		
1.4	64QAM	1	0	20.75	20.72	20.88	22	2
1.4	64QAM	1	3	20.76	20.72	20.79		
1.4	64QAM	1	5	20.66	20.68	20.56		
1.4	64QAM	3	0	20.75	20.72	20.88		
1.4	64QAM	3	1	20.76	20.72	20.79		
1.4	64QAM	3	3	20.66	20.68	20.56		
1.4	64QAM	6	0	20.48	20.61	20.61	21	3
1.4	256QAM	1	0	17.83	17.69	17.65	19	5
1.4	256QAM	1	3	17.79	17.61	17.70		
1.4	256QAM	1	5	17.74	17.73	17.73		
1.4	256QAM	3	0	17.81	17.65	17.65		
1.4	256QAM	3	1	17.59	17.58	17.54		
1.4	256QAM	3	3	17.72	17.67	17.72		
1.4	256QAM	6	0	17.78	17.78	17.81	19	5

Band 4 Ant 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.69	22.89	22.72	24	0
20	QPSK	1	49	22.71	22.69	22.75		
20	QPSK	1	99	22.67	22.69	22.65		
20	QPSK	50	0	21.76	21.97	21.74	23	1
20	QPSK	50	24	21.81	21.75	21.77		
20	QPSK	50	50	21.93	21.75	21.77		
20	QPSK	100	0	21.76	21.90	21.80		

20	16QAM	1	0	22.16	22.14	22.12	23	1
20	16QAM	1	49	22.06	22.10	22.23		
20	16QAM	1	99	22.18	22.17	22.28		
20	16QAM	50	0	20.90	20.88	20.73	22	2
20	16QAM	50	24	20.80	20.79	20.88		
20	16QAM	50	50	20.86	20.78	20.80		
20	16QAM	100	0	20.74	20.78	20.66	22	2
20	64QAM	1	0	20.80	20.81	20.80		
20	64QAM	1	49	20.82	20.76	20.72		
20	64QAM	1	99	20.70	20.76	20.75	21	3
20	64QAM	50	0	20.00	19.84	19.75		
20	64QAM	50	24	19.82	19.87	19.88		
20	64QAM	50	50	20.01	19.97	19.87	21	3
20	64QAM	100	0	19.81	19.85	19.86		
20	256QAM	1	0	17.75	17.54	17.69		
20	256QAM	1	49	17.84	17.74	17.67	19	5
20	256QAM	1	99	17.63	17.74	17.85		
20	256QAM	50	0	17.86	17.66	17.78		
20	256QAM	50	24	17.70	17.72	17.64	19	5
20	256QAM	50	50	17.73	17.71	17.74		
20	256QAM	100	0	17.65	17.79	17.74		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.68	22.77	22.65	24	0
15	QPSK	1	37	22.66	22.69	22.67		
15	QPSK	1	74	22.71	22.72	22.59		
15	QPSK	36	0	21.74	21.95	21.70	23	1
15	QPSK	36	20	21.85	21.77	21.70		
15	QPSK	36	39	21.94	21.83	21.80		
15	QPSK	75	0	21.72	21.82	21.83	23	1
15	16QAM	1	0	22.09	22.08	22.13		
15	16QAM	1	37	22.04	22.20	22.18		
15	16QAM	1	74	22.16	22.10	22.32	22	2
15	16QAM	36	0	20.91	20.83	20.78		
15	16QAM	36	20	20.79	20.79	20.90		
15	16QAM	36	39	20.82	20.74	20.84	22	2
15	16QAM	75	0	20.74	20.80	20.62		
15	64QAM	1	0	20.81	20.87	20.80		
15	64QAM	1	37	20.89	20.74	20.75	21	3
15	64QAM	1	74	20.71	20.77	20.76		
15	64QAM	36	0	20.00	19.88	19.79		
15	64QAM	36	20	19.80	19.86	19.84	19	5
15	64QAM	36	39	20.04	19.91	19.88		
15	64QAM	75	0	19.73	19.88	19.91		
15	256QAM	1	0	17.72	17.63	17.75	19	5
15	256QAM	1	37	17.82	17.78	17.66		
15	256QAM	1	74	17.66	17.64	17.83		
15	256QAM	36	0	17.82	17.61	17.74	19	5
15	256QAM	36	20	17.66	17.75	17.64		
15	256QAM	36	39	17.71	17.72	17.69		
15	256QAM	75	0	17.66	17.70	17.72	24	0
10	QPSK	1	0	22.68	22.73	22.74		
10	QPSK	1	25	22.71	22.70	22.71		

10	QPSK	1	49	22.74	22.74	22.60		
10	QPSK	25	0	21.81	21.92	21.69	23	1
10	QPSK	25	12	21.86	21.79	21.75		
10	QPSK	25	25	21.94	21.79	21.78		
10	QPSK	50	0	21.74	21.84	21.80		
10	16QAM	1	0	22.09	22.09	22.10	23	1
10	16QAM	1	25	22.04	22.15	22.19		
10	16QAM	1	49	22.10	22.16	22.31		
10	16QAM	25	0	20.91	20.88	20.75	22	2
10	16QAM	25	12	20.78	20.80	20.88		
10	16QAM	25	25	20.88	20.79	20.76		
10	16QAM	50	0	20.72	20.76	20.68		
10	64QAM	1	0	20.85	20.80	20.73	22	2
10	64QAM	1	25	20.81	20.83	20.73		
10	64QAM	1	49	20.74	20.84	20.79		
10	64QAM	25	0	19.96	19.84	19.82	21	3
10	64QAM	25	12	19.81	19.85	19.86		
10	64QAM	25	25	19.99	19.96	19.89		
10	64QAM	50	0	19.81	19.89	19.93		
10	256QAM	1	0	17.71	17.58	17.75	19	5
10	256QAM	1	25	17.76	17.75	17.67		
10	256QAM	1	49	17.65	17.72	17.77		
10	256QAM	25	0	17.84	17.60	17.77	19	5
10	256QAM	25	12	17.75	17.73	17.65		
10	256QAM	25	25	17.69	17.73	17.72		
10	256QAM	50	0	17.66	17.78	17.74		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.67	22.69	22.71	24	0
5	QPSK	1	12	22.64	22.66	22.67		
5	QPSK	1	24	22.73	22.70	22.67		
5	QPSK	12	0	21.78	21.99	21.69	23	1
5	QPSK	12	7	21.88	21.74	21.72		
5	QPSK	12	13	21.94	21.81	21.83		
5	QPSK	25	0	21.73	21.82	21.84		
5	16QAM	1	0	22.10	22.14	22.11	23	1
5	16QAM	1	12	22.03	22.15	22.23		
5	16QAM	1	24	22.16	22.13	22.34		
5	16QAM	12	0	20.89	20.87	20.78	22	2
5	16QAM	12	7	20.82	20.82	20.92		
5	16QAM	12	13	20.84	20.79	20.85		
5	16QAM	25	0	20.71	20.79	20.62		
5	64QAM	1	0	20.86	20.85	20.73	22	2
5	64QAM	1	12	20.89	20.80	20.77		
5	64QAM	1	24	20.78	20.78	20.78		
5	64QAM	12	0	19.96	19.90	19.79	21	3
5	64QAM	12	7	19.86	19.85	19.89		
5	64QAM	12	13	20.02	19.96	19.90		
5	64QAM	25	0	19.75	19.87	19.86		
5	256QAM	1	0	17.73	17.63	17.71	19	5
5	256QAM	1	12	17.86	17.78	17.65		
5	256QAM	1	24	17.62	17.73	17.78		
5	256QAM	12	0	17.81	17.63	17.81	19	5
5	256QAM	12	7	17.69	17.73	17.66		
5	256QAM	12	13	17.72	17.76	17.75		
5	256QAM	25	0	17.68	17.78	17.74		

Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.60	22.78	22.70	24	0
3	QPSK	1	8	22.65	22.64	22.76		
3	QPSK	1	14	22.74	22.72	22.64		
3	QPSK	8	0	21.78	21.92	21.70	23	1
3	QPSK	8	4	21.84	21.70	21.76		
3	QPSK	8	7	21.92	21.78	21.76		
3	QPSK	15	0	21.75	21.89	21.78	23	1
3	16QAM	1	0	22.15	22.09	22.16		
3	16QAM	1	8	22.02	22.16	22.18		
3	16QAM	1	14	22.16	22.10	22.31	22	2
3	16QAM	8	0	20.96	20.83	20.71		
3	16QAM	8	4	20.79	20.82	20.87		
3	16QAM	8	7	20.83	20.74	20.77	22	2
3	16QAM	15	0	20.74	20.76	20.70		
3	64QAM	1	0	20.84	20.83	20.79		
3	64QAM	1	8	20.84	20.80	20.75	22	2
3	64QAM	1	14	20.77	20.83	20.77		
3	64QAM	8	0	20.03	19.91	19.78		
3	64QAM	8	4	19.84	19.87	19.91	21	3
3	64QAM	8	7	19.99	19.99	19.92		
3	64QAM	15	0	19.76	19.93	19.92		
3	256QAM	1	0	17.75	17.56	17.74	19	5
3	256QAM	1	8	17.81	17.76	17.74		
3	256QAM	1	14	17.64	17.64	17.84		
3	256QAM	8	0	17.79	17.68	17.79	19	5
3	256QAM	8	4	17.73	17.70	17.66		
3	256QAM	8	7	17.75	17.68	17.70		
3	256QAM	15	0	17.67	17.73	17.73	19	5
Channel				19957	20175	20393		
Frequency (MHz)				1710.7	1732.5	1754.3	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	22.62	22.80	22.65		
1.4	QPSK	1	3	22.73	22.73	22.65	24	0
1.4	QPSK	1	5	22.76	22.66	22.68		
1.4	QPSK	3	0	22.60	22.81	22.61		
1.4	QPSK	3	1	22.67	22.65	22.71	23	1
1.4	QPSK	3	3	22.66	22.64	22.60		
1.4	QPSK	6	0	21.57	21.67	21.68		
1.4	16QAM	1	0	21.79	21.64	21.63	23	1
1.4	16QAM	1	3	21.93	21.88	21.87		
1.4	16QAM	1	5	21.59	21.71	21.80		
1.4	16QAM	3	0	22.20	22.23	22.25	22	2
1.4	16QAM	3	1	22.11	22.09	22.22		
1.4	16QAM	3	3	22.11	22.20	22.28		
1.4	16QAM	6	0	20.79	20.78	20.79	22	2
1.4	64QAM	1	0	20.77	20.80	20.85		
1.4	64QAM	1	3	20.84	20.74	20.78		
1.4	64QAM	1	5	20.70	20.62	20.60	22	2
1.4	64QAM	3	0	20.77	20.80	20.85		
1.4	64QAM	3	1	20.84	20.74	20.78		
1.4	64QAM	3	3	20.70	20.62	20.60	21	3
1.4	64QAM	6	0	20.50	20.64	20.64		
1.4	256QAM	1	0	17.84	17.72	17.66		
1.4	256QAM	1	3	17.81	17.65	17.62	19	5

1.4	256QAM	1	5	17.70	17.68	17.66		
1.4	256QAM	3	0	17.87	17.65	17.66		
1.4	256QAM	3	1	17.66	17.55	17.54		
1.4	256QAM	3	3	17.71	17.72	17.75		
1.4	256QAM	6	0	17.71	17.75	17.82	19	5

Band 66 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.64	22.85	22.69		
20	QPSK	1	49	22.72	22.66	22.68	24	0
20	QPSK	1	99	22.69	22.72	22.60		
20	QPSK	50	0	21.82	21.90	21.70		
20	QPSK	50	24	21.78	21.71	21.78	23	1
20	QPSK	50	50	21.88	21.83	21.81		
20	QPSK	100	0	21.77	21.86	21.79		
20	16QAM	1	0	22.17	22.08	22.10	23	1
20	16QAM	1	49	22.04	22.15	22.14		
20	16QAM	1	99	22.11	22.17	22.33		
20	16QAM	50	0	20.94	20.83	20.71	22	2
20	16QAM	50	24	20.81	20.79	20.89		
20	16QAM	50	50	20.82	20.73	20.75		
20	16QAM	100	0	20.78	20.80	20.62	22	2
20	64QAM	1	0	20.80	20.83	20.77		
20	64QAM	1	49	20.87	20.80	20.72		
20	64QAM	1	99	20.78	20.81	20.74	21	3
20	64QAM	50	0	19.93	19.91	19.76		
20	64QAM	50	24	19.85	19.78	19.86		
20	64QAM	50	50	20.01	19.99	19.87	19	5
20	64QAM	100	0	19.80	19.95	19.87		
20	256QAM	1	0	17.70	17.58	17.70		
20	256QAM	1	49	17.81	17.79	17.70	19	5
20	256QAM	1	99	17.69	17.64	17.83		
20	256QAM	50	0	17.83	17.61	17.76		
20	256QAM	50	24	17.69	17.70	17.67	19	5
20	256QAM	50	50	17.77	17.70	17.76		
20	256QAM	100	0	17.69	17.73	17.72		
Channel				132047	132322	132597		
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.68	22.74	22.72		
15	QPSK	1	37	22.69	22.73	22.73	24	0
15	QPSK	1	74	22.68	22.69	22.61		
15	QPSK	36	0	21.82	21.95	21.72	23	1
15	QPSK	36	20	21.81	21.78	21.73		
15	QPSK	36	39	21.95	21.75	21.75		
15	QPSK	75	0	21.70	21.84	21.77	23	1
15	16QAM	1	0	22.11	22.16	22.15		
15	16QAM	1	37	22.09	22.18	22.14		
15	16QAM	1	74	22.11	22.14	22.32	22	2
15	16QAM	36	0	20.97	20.84	20.70		
15	16QAM	36	20	20.83	20.86	20.90		
15	16QAM	36	39	20.81	20.74	20.84		

15	16QAM	75	0	20.70	20.79	20.65	22	2
15	64QAM	1	0	20.79	20.85	20.77		
15	64QAM	1	37	20.85	20.80	20.71		
15	64QAM	1	74	20.75	20.79	20.74		
15	64QAM	36	0	19.94	19.91	19.76	21	3
15	64QAM	36	20	19.89	19.80	19.90		
15	64QAM	36	39	20.01	19.98	19.92		
15	64QAM	75	0	19.75	19.93	19.87		
15	256QAM	1	0	17.77	17.55	17.71	19	5
15	256QAM	1	37	17.80	17.79	17.68		
15	256QAM	1	74	17.69	17.66	17.78		
15	256QAM	36	0	17.81	17.65	17.82	19	5
15	256QAM	36	20	17.73	17.69	17.65		
15	256QAM	36	39	17.72	17.69	17.76		
15	256QAM	75	0	17.70	17.72	17.75		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.61	22.75	22.74	24	0
10	QPSK	1	25	22.71	22.66	22.75		
10	QPSK	1	49	22.66	22.72	22.67		
10	QPSK	25	0	21.81	21.94	21.77	23	1
10	QPSK	25	12	21.86	21.72	21.76		
10	QPSK	25	25	21.97	21.78	21.78		
10	QPSK	50	0	21.75	21.89	21.84		
10	16QAM	1	0	22.12	22.06	22.09	23	1
10	16QAM	1	25	22.06	22.17	22.23		
10	16QAM	1	49	22.17	22.12	22.33		
10	16QAM	25	0	20.94	20.82	20.71	22	2
10	16QAM	25	12	20.77	20.81	20.93		
10	16QAM	25	25	20.85	20.73	20.76		
10	16QAM	50	0	20.75	20.78	20.66		
10	64QAM	1	0	20.78	20.81	20.74	22	2
10	64QAM	1	25	20.85	20.81	20.81		
10	64QAM	1	49	20.72	20.78	20.81		
10	64QAM	25	0	20.03	19.85	19.75	21	3
10	64QAM	25	12	19.82	19.82	19.85		
10	64QAM	25	25	20.03	19.93	19.92		
10	64QAM	50	0	19.80	19.87	19.90		
10	256QAM	1	0	17.77	17.62	17.71	19	5
10	256QAM	1	25	17.78	17.73	17.69		
10	256QAM	1	49	17.63	17.66	17.85		
10	256QAM	25	0	17.77	17.63	17.78	19	5
10	256QAM	25	12	17.75	17.75	17.67		
10	256QAM	25	25	17.73	17.73	17.74		
10	256QAM	50	0	17.71	17.78	17.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.62	22.71	22.70	24	0
5	QPSK	1	12	22.72	22.65	22.69		
5	QPSK	1	24	22.68	22.73	22.61		
5	QPSK	12	0	21.75	21.98	21.68	23	1
5	QPSK	12	7	21.82	21.78	21.77		
5	QPSK	12	13	21.93	21.80	21.80		
5	QPSK	25	0	21.79	21.88	21.80		
5	16QAM	1	0	22.13	22.09	22.16	23	1

5	16QAM	1	12	22.01	22.14	22.21		
5	16QAM	1	24	22.10	22.13	22.34		
5	16QAM	12	0	20.90	20.86	20.70		
5	16QAM	12	7	20.80	20.80	20.86	22	2
5	16QAM	12	13	20.86	20.75	20.85		
5	16QAM	25	0	20.71	20.82	20.68		
5	64QAM	1	0	20.78	20.82	20.77	22	2
5	64QAM	1	12	20.82	20.78	20.80		
5	64QAM	1	24	20.77	20.84	20.84		
5	64QAM	12	0	19.96	19.91	19.80	21	3
5	64QAM	12	7	19.80	19.77	19.86		
5	64QAM	12	13	20.04	19.98	19.89		
5	64QAM	25	0	19.73	19.92	19.94	19	5
5	256QAM	1	0	17.76	17.59	17.71		
5	256QAM	1	12	17.85	17.76	17.65		
5	256QAM	1	24	17.65	17.72	17.79	19	5
5	256QAM	12	0	17.80	17.61	17.74		
5	256QAM	12	7	17.71	17.65	17.62		
5	256QAM	12	13	17.70	17.69	17.70	19	5
5	256QAM	25	0	17.65	17.73	17.69		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.61	22.70	22.67	24	0
3	QPSK	1	8	22.67	22.63	22.69		
3	QPSK	1	14	22.67	22.70	22.68		
3	QPSK	8	0	21.72	21.89	21.71	23	1
3	QPSK	8	4	21.88	21.73	21.70		
3	QPSK	8	7	21.92	21.79	21.81		
3	QPSK	15	0	21.75	21.82	21.82	23	1
3	16QAM	1	0	22.15	22.12	22.10		
3	16QAM	1	8	22.07	22.12	22.19		
3	16QAM	1	14	22.12	22.12	22.33	22	2
3	16QAM	8	0	20.96	20.88	20.76		
3	16QAM	8	4	20.82	20.81	20.86		
3	16QAM	8	7	20.86	20.82	20.83	22	2
3	16QAM	15	0	20.72	20.78	20.70		
3	64QAM	1	0	20.85	20.86	20.75		
3	64QAM	1	8	20.83	20.76	20.76	22	2
3	64QAM	1	14	20.75	20.84	20.74		
3	64QAM	8	0	19.98	19.84	19.81		
3	64QAM	8	4	19.83	19.79	19.91	21	3
3	64QAM	8	7	19.96	19.91	19.87		
3	64QAM	15	0	19.73	19.90	19.92		
3	256QAM	1	0	17.69	17.62	17.72	19	5
3	256QAM	1	8	17.79	17.79	17.68		
3	256QAM	1	14	17.63	17.71	17.84		
3	256QAM	8	0	17.81	17.65	17.80	19	5
3	256QAM	8	4	17.67	17.66	17.68		
3	256QAM	8	7	17.73	17.75	17.74		
3	256QAM	15	0	17.68	17.73	17.75	Tune-up limit (dBm)	MPR (dB)
Channel				131979	132322	132665		
Frequency (MHz)				1710.7	1745	1779.3	24	0
1.4	QPSK	1	0	22.60	22.77	22.58		
1.4	QPSK	1	3	22.73	22.67	22.69		
1.4	QPSK	1	5	22.66	22.64	22.71		

1.4	QPSK	3	0	22.64	22.81	22.66		
1.4	QPSK	3	1	22.66	22.65	22.77		
1.4	QPSK	3	3	22.73	22.69	22.60		
1.4	QPSK	6	0	21.60	21.67	21.68	23	1
1.4	16QAM	1	0	21.76	21.62	21.69	23	1
1.4	16QAM	1	3	21.87	21.80	21.90		
1.4	16QAM	1	5	21.59	21.70	21.83		
1.4	16QAM	3	0	22.14	22.26	22.23		
1.4	16QAM	3	1	22.08	22.08	22.25		
1.4	16QAM	3	3	22.06	22.24	22.24	22	2
1.4	16QAM	6	0	20.81	20.83	20.75		
1.4	64QAM	1	0	20.78	20.74	20.82	22	2
1.4	64QAM	1	3	20.83	20.71	20.81		
1.4	64QAM	1	5	20.60	20.64	20.59		
1.4	64QAM	3	0	20.77	20.80	20.85		
1.4	64QAM	3	1	20.84	20.74	20.78		
1.4	64QAM	3	3	20.70	20.62	20.60	21	3
1.4	64QAM	6	0	20.55	20.65	20.69		
1.4	256QAM	1	0	17.82	17.70	17.67	19	5
1.4	256QAM	1	3	17.78	17.61	17.67		
1.4	256QAM	1	5	17.68	17.63	17.68		
1.4	256QAM	3	0	17.80	17.59	17.71		
1.4	256QAM	3	1	17.63	17.55	17.58		
1.4	256QAM	3	3	17.74	17.76	17.72	19	5
1.4	256QAM	6	0	17.71	17.79	17.82		

Band 7 Ant 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.70	23.83	23.60	25	0
20	QPSK	1	49	23.50	23.66	23.57		
20	QPSK	1	99	23.50	23.64	23.67		
20	QPSK	50	0	22.35	22.41	22.34	24	1
20	QPSK	50	24	22.38	22.40	22.38		
20	QPSK	50	50	22.25	22.39	22.37		
20	QPSK	100	0	22.23	22.39	22.22	24	1
20	16QAM	1	0	22.59	22.72	22.54		
20	16QAM	1	49	22.71	22.84	22.75		
20	16QAM	1	99	22.82	22.73	22.73	23	2
20	16QAM	50	0	21.43	21.55	21.42		
20	16QAM	50	24	21.23	21.31	21.24		
20	16QAM	50	50	21.29	21.48	21.26	23	2
20	16QAM	100	0	21.39	21.39	21.26		
20	64QAM	1	0	22.36	22.49	22.29		
20	64QAM	1	49	22.51	22.64	22.60	23	2
20	64QAM	1	99	22.46	22.58	22.58		
20	64QAM	50	0	21.40	21.43	21.56	22	3
20	64QAM	50	24	21.14	21.33	21.30		
20	64QAM	50	50	21.22	21.39	21.25		
20	64QAM	100	0	21.26	21.39	21.32	20	5
20	256QAM	1	0	18.24	18.35	18.35		
20	256QAM	1	49	18.31	18.30	18.40		
20	256QAM	1	99	18.25	18.41	18.25		

20	256QAM	50	0	18.10	18.28	18.27	20	5
20	256QAM	50	24	18.12	18.28	18.18		
20	256QAM	50	50	18.20	18.18	18.16		
20	256QAM	100	0	18.21	18.42	18.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.56	23.69	23.48	25	0
15	QPSK	1	37	23.40	23.55	23.46		
15	QPSK	1	74	23.43	23.54	23.52		
15	QPSK	36	0	22.19	22.25	22.19	24	1
15	QPSK	36	20	22.28	22.24	22.28		
15	QPSK	36	39	22.18	22.28	22.28		
15	QPSK	75	0	22.15	22.32	22.15		
15	16QAM	1	0	22.52	22.59	22.47	24	1
15	16QAM	1	37	22.55	22.75	22.62		
15	16QAM	1	74	22.71	22.61	22.61		
15	16QAM	36	0	21.27	21.46	21.35	23	2
15	16QAM	36	20	21.12	21.22	21.19		
15	16QAM	36	39	21.11	21.30	21.12		
15	16QAM	75	0	21.29	21.29	21.23		
15	64QAM	1	0	22.19	22.45	22.19	23	2
15	64QAM	1	37	22.43	22.45	22.50		
15	64QAM	1	74	22.36	22.52	22.39		
15	64QAM	36	0	21.28	21.39	21.39	22	3
15	64QAM	36	20	21.12	21.17	21.18		
15	64QAM	36	39	21.10	21.30	21.14		
15	64QAM	75	0	21.12	21.35	21.29		
15	256QAM	1	0	18.19	18.24	18.21	20	5
15	256QAM	1	37	18.28	18.20	18.29		
15	256QAM	1	74	18.16	18.26	18.15		
15	256QAM	36	0	18.00	18.12	18.16	20	5
15	256QAM	36	20	18.02	18.11	18.04		
15	256QAM	36	39	18.02	18.05	18.01		
15	256QAM	75	0	18.12	18.34	18.07		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.62	23.75	23.51	25	0
10	QPSK	1	25	23.41	23.58	23.47		
10	QPSK	1	49	23.45	23.60	23.59		
10	QPSK	25	0	22.25	22.23	22.19	24	1
10	QPSK	25	12	22.28	22.30	22.28		
10	QPSK	25	25	22.10	22.22	22.29		
10	QPSK	50	0	22.19	22.27	22.13		
10	16QAM	1	0	22.51	22.63	22.42	24	1
10	16QAM	1	25	22.55	22.82	22.64		
10	16QAM	1	49	22.67	22.60	22.55		
10	16QAM	25	0	21.26	21.49	21.37	23	2
10	16QAM	25	12	21.08	21.22	21.20		
10	16QAM	25	25	21.21	21.30	21.17		
10	16QAM	50	0	21.29	21.24	21.20		
10	64QAM	1	0	22.20	22.46	22.26	23	2
10	64QAM	1	25	22.47	22.49	22.51		
10	64QAM	1	49	22.40	22.50	22.45		
10	64QAM	25	0	21.26	21.32	21.43	22	3
10	64QAM	25	12	21.12	21.18	21.22		

10	64QAM	25	25	21.04	21.30	21.13		
10	64QAM	50	0	21.16	21.27	21.28		
10	256QAM	1	0	18.17	18.24	18.24		
10	256QAM	1	25	18.24	18.17	18.22	20	5
10	256QAM	1	49	18.16	18.26	18.17	20	5
10	256QAM	25	0	18.08	18.15	18.20		
10	256QAM	25	12	18.02	18.10	18.01		
10	256QAM	25	25	18.04	18.05	18.04		
10	256QAM	50	0	18.05	18.29	18.06	Tune-up limit (dBm)	MPR (dB)
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5	25	0
5	QPSK	1	0	23.57	23.74	23.47		
5	QPSK	1	12	23.36	23.59	23.38		
5	QPSK	1	24	23.39	23.62	23.55	24	1
5	QPSK	12	0	22.26	22.22	22.19		
5	QPSK	12	7	22.34	22.29	22.34		
5	QPSK	12	13	22.14	22.30	22.28		
5	QPSK	25	0	22.18	22.30	22.12	24	1
5	16QAM	1	0	22.48	22.68	22.44		
5	16QAM	1	12	22.58	22.75	22.57		
5	16QAM	1	24	22.70	22.62	22.59	23	2
5	16QAM	12	0	21.26	21.48	21.33		
5	16QAM	12	7	21.06	21.17	21.19		
5	16QAM	12	13	21.18	21.36	21.13		
5	16QAM	25	0	21.29	21.31	21.25	23	2
5	64QAM	1	0	22.28	22.44	22.20		
5	64QAM	1	12	22.46	22.46	22.49		
5	64QAM	1	24	22.39	22.47	22.42		
5	64QAM	12	0	21.31	21.34	21.46	22	3
5	64QAM	12	7	21.11	21.25	21.15		
5	64QAM	12	13	21.13	21.30	21.16		
5	64QAM	25	0	21.14	21.27	21.28		
5	256QAM	1	0	18.22	18.24	18.21	20	5
5	256QAM	1	12	18.20	18.15	18.27		
5	256QAM	1	24	18.09	18.26	18.14		
5	256QAM	12	0	18.05	18.22	18.15	20	5
5	256QAM	12	7	18.02	18.18	18.00		
5	256QAM	12	13	18.02	18.06	18.00		
5	256QAM	25	0	18.09	18.31	18.01		

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.58	22.82	22.54	24	0
20	QPSK	1	49	22.56	22.51	22.67		
20	QPSK	1	99	22.50	22.59	22.47		
20	QPSK	50	0	21.71	21.87	21.59	23	1
20	QPSK	50	24	21.69	21.68	21.55		
20	QPSK	50	50	21.72	21.68	21.67		
20	QPSK	100	0	21.53	21.83	21.75		
20	16QAM	1	0	22.02	22.08	22.04	23	1
20	16QAM	1	49	21.85	21.91	22.01		

20	16QAM	1	99	22.02	21.95	22.19		
20	16QAM	50	0	20.66	20.82	20.60	22	2
20	16QAM	50	24	20.59	20.69	20.68		
20	16QAM	50	50	20.75	20.69	20.55		
20	16QAM	100	0	20.53	20.71	20.53		
20	64QAM	1	0	20.71	20.64	20.67	22	2
20	64QAM	1	49	20.67	20.54	20.64		
20	64QAM	1	99	20.57	20.53	20.60		
20	64QAM	50	0	19.78	19.65	19.69	21	3
20	64QAM	50	24	19.71	19.78	19.79		
20	64QAM	50	50	19.95	19.72	19.81		
20	64QAM	100	0	19.59	19.78	19.71		
20	256QAM	1	0	17.58	17.35	17.55	19	5
20	256QAM	1	49	17.69	17.57	17.56		
20	256QAM	1	99	17.52	17.68	17.63		
20	256QAM	50	0	17.68	17.59	17.71	19	5
20	256QAM	50	24	17.49	17.50	17.41		
20	256QAM	50	50	17.67	17.63	17.66		
20	256QAM	100	0	17.59	17.68	17.62		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.41	22.69	22.40	24	0
15	QPSK	1	37	22.43	22.38	22.59		
15	QPSK	1	74	22.42	22.44	22.34		
15	QPSK	36	0	21.64	21.72	21.48	23	1
15	QPSK	36	20	21.57	21.62	21.44		
15	QPSK	36	39	21.59	21.55	21.59		
15	QPSK	75	0	21.38	21.75	21.68		
15	16QAM	1	0	21.84	22.01	21.90	23	1
15	16QAM	1	37	21.71	21.75	21.87		
15	16QAM	1	74	21.92	21.85	22.05		
15	16QAM	36	0	20.56	20.75	20.50	22	2
15	16QAM	36	20	20.53	20.53	20.55		
15	16QAM	36	39	20.64	20.63	20.44		
15	16QAM	75	0	20.35	20.64	20.43		
15	64QAM	1	0	20.53	20.46	20.53	22	2
15	64QAM	1	37	20.53	20.46	20.47		
15	64QAM	1	74	20.45	20.44	20.47		
15	64QAM	36	0	19.71	19.52	19.60	21	3
15	64QAM	36	20	19.56	19.62	19.71		
15	64QAM	36	39	19.84	19.56	19.73		
15	64QAM	75	0	19.49	19.62	19.63		
15	256QAM	1	0	17.40	17.20	17.47	19	5
15	256QAM	1	37	17.61	17.44	17.42		
15	256QAM	1	74	17.44	17.59	17.46		
15	256QAM	36	0	17.62	17.41	17.65	19	5
15	256QAM	36	20	17.37	17.43	17.32		
15	256QAM	36	39	17.50	17.46	17.49		
15	256QAM	75	0	17.41	17.53	17.53		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.47	22.70	22.47	24	0
10	QPSK	1	25	22.38	22.40	22.53		
10	QPSK	1	49	22.34	22.50	22.36		
10	QPSK	25	0	21.64	21.71	21.42	23	1

10	QPSK	25	12	21.55	21.59	21.48		
10	QPSK	25	25	21.65	21.54	21.56		
10	QPSK	50	0	21.37	21.72	21.68		
10	16QAM	1	0	21.85	21.90	21.90	23	1
10	16QAM	1	25	21.68	21.73	21.88		
10	16QAM	1	49	21.95	21.78	22.07		
10	16QAM	25	0	20.50	20.66	20.44	22	2
10	16QAM	25	12	20.52	20.58	20.61		
10	16QAM	25	25	20.68	20.62	20.39		
10	16QAM	50	0	20.45	20.58	20.41	22	2
10	64QAM	1	0	20.55	20.46	20.54		
10	64QAM	1	25	20.53	20.43	20.50		
10	64QAM	1	49	20.42	20.46	20.49	21	3
10	64QAM	25	0	19.65	19.56	19.54		
10	64QAM	25	12	19.54	19.71	19.72		
10	64QAM	25	25	19.79	19.57	19.63	19	5
10	64QAM	50	0	19.42	19.64	19.53		
10	256QAM	1	0	17.49	17.29	17.45		
10	256QAM	1	25	17.53	17.49	17.46	19	5
10	256QAM	1	49	17.43	17.52	17.56		
10	256QAM	25	0	17.61	17.42	17.64		
10	256QAM	25	12	17.32	17.40	17.33	19	5
10	256QAM	25	25	17.53	17.55	17.59		
10	256QAM	50	0	17.44	17.59	17.53		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.47	22.73	22.40	24	0
5	QPSK	1	12	22.49	22.36	22.52		
5	QPSK	1	24	22.35	22.43	22.32		
5	QPSK	12	0	21.64	21.79	21.46	23	1
5	QPSK	12	7	21.59	21.54	21.39		
5	QPSK	12	13	21.63	21.52	21.52		
5	QPSK	25	0	21.39	21.68	21.65	23	1
5	16QAM	1	0	21.89	22.02	21.90		
5	16QAM	1	12	21.77	21.79	21.89		
5	16QAM	1	24	21.95	21.83	22.07	22	2
5	16QAM	12	0	20.49	20.69	20.42		
5	16QAM	12	7	20.47	20.61	20.58		
5	16QAM	12	13	20.65	20.59	20.40	22	2
5	16QAM	25	0	20.45	20.64	20.43		
5	64QAM	1	0	20.56	20.51	20.49		
5	64QAM	1	12	20.51	20.43	20.53	22	2
5	64QAM	1	24	20.40	20.40	20.49		
5	64QAM	12	0	19.69	19.53	19.58		
5	64QAM	12	7	19.55	19.66	19.66	21	3
5	64QAM	12	13	19.85	19.60	19.65		
5	64QAM	25	0	19.53	19.67	19.65		
5	256QAM	1	0	17.43	17.20	17.39	19	5
5	256QAM	1	12	17.53	17.45	17.47		
5	256QAM	1	24	17.36	17.50	17.53		
5	256QAM	12	0	17.59	17.42	17.62	19	5
5	256QAM	12	7	17.39	17.35	17.32		
5	256QAM	12	13	17.56	17.49	17.49		
5	256QAM	25	0	17.45	17.56	17.46	Tune-up limit	MPR (dB)
Channel				19965	20175	20385		
Frequency (MHz)				1711.5	1732.5	1753.5		

							(dBm)	
3	QPSK	1	0	22.52	22.65	22.38	24	0
3	QPSK	1	8	22.44	22.43	22.54		
3	QPSK	1	14	22.34	22.46	22.36		
3	QPSK	8	0	21.61	21.73	21.49	23	1
3	QPSK	8	4	21.58	21.50	21.38		
3	QPSK	8	7	21.61	21.52	21.58		
3	QPSK	15	0	21.36	21.75	21.58	23	1
3	16QAM	1	0	21.94	21.95	21.97		
3	16QAM	1	8	21.71	21.74	21.90		
3	16QAM	1	14	21.93	21.78	22.01	22	2
3	16QAM	8	0	20.54	20.73	20.44		
3	16QAM	8	4	20.50	20.51	20.52		
3	16QAM	8	7	20.66	20.55	20.45	22	2
3	16QAM	15	0	20.38	20.63	20.43		
3	64QAM	1	0	20.61	20.49	20.51		
3	64QAM	1	8	20.51	20.43	20.51	21	3
3	64QAM	1	14	20.49	20.47	20.45		
3	64QAM	8	0	19.62	19.52	19.60		
3	64QAM	8	4	19.64	19.68	19.70	19	5
3	64QAM	8	7	19.87	19.64	19.65		
3	64QAM	15	0	19.50	19.72	19.64		
3	256QAM	1	0	17.45	17.21	17.38	19	5
3	256QAM	1	8	17.61	17.44	17.45		
3	256QAM	1	14	17.45	17.53	17.50		
3	256QAM	8	0	17.58	17.53	17.57	19	5
3	256QAM	8	4	17.39	17.35	17.34		
3	256QAM	8	7	17.53	17.57	17.49		
3	256QAM	15	0	17.47	17.53	17.50		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.51	22.60	22.51	24	0
1.4	QPSK	1	3	22.60	22.57	22.55		
1.4	QPSK	1	5	22.53	22.50	22.57		
1.4	QPSK	3	0	22.57	22.73	22.49		
1.4	QPSK	3	1	22.54	22.58	22.65		
1.4	QPSK	3	3	22.66	22.58	22.50	23	1
1.4	QPSK	6	0	21.48	21.52	21.61		
1.4	16QAM	1	0	21.69	21.46	21.57		
1.4	16QAM	1	3	21.70	21.63	21.78		
1.4	16QAM	1	5	21.52	21.64	21.77		
1.4	16QAM	3	0	21.99	22.20	22.08	22	2
1.4	16QAM	3	1	21.98	22.01	22.14		
1.4	16QAM	3	3	21.93	22.11	22.12		
1.4	16QAM	6	0	20.75	20.72	20.63		
1.4	64QAM	1	0	20.62	20.63	20.70		
1.4	64QAM	1	3	20.75	20.53	20.72	21	3
1.4	64QAM	1	5	20.54	20.50	20.48		
1.4	64QAM	3	0	20.60	20.74	20.67		
1.4	64QAM	3	1	20.66	20.58	20.66		
1.4	64QAM	3	3	20.62	20.47	20.43		
1.4	64QAM	6	0	20.42	20.52	20.53	19	5
1.4	256QAM	1	0	17.67	17.63	17.55		
1.4	256QAM	1	3	17.61	17.49	17.58		
1.4	256QAM	1	5	17.55	17.46	17.52		
1.4	256QAM	3	0	17.71	17.51	17.55		

1.4	256QAM	3	1	17.54	17.47	17.51	19	5
1.4	256QAM	3	3	17.66	17.59	17.64		
1.4	256QAM	6	0	17.56	17.68	17.65		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572	24	0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.72	22.89	22.78		
20	QPSK	1	49	22.72	22.66	22.68	23	1
20	QPSK	1	99	22.69	22.72	22.60		
20	QPSK	50	0	21.82	21.90	21.70		
20	QPSK	50	24	21.78	21.71	21.78	23	1
20	QPSK	50	50	21.88	21.83	21.81		
20	QPSK	100	0	21.77	21.86	21.79		
20	16QAM	1	0	22.17	22.08	22.10	23	1
20	16QAM	1	49	22.04	22.15	22.14		
20	16QAM	1	99	22.11	22.17	22.33		
20	16QAM	50	0	20.94	20.83	20.71	22	2
20	16QAM	50	24	20.81	20.79	20.89		
20	16QAM	50	50	20.82	20.73	20.75		
20	16QAM	100	0	20.78	20.80	20.62	22	2
20	64QAM	1	0	20.80	20.83	20.77		
20	64QAM	1	49	20.87	20.80	20.72		
20	64QAM	1	99	20.78	20.81	20.74	21	3
20	64QAM	50	0	19.93	19.91	19.76		
20	64QAM	50	24	19.85	19.78	19.86		
20	64QAM	50	50	20.01	19.99	19.87	19	5
20	64QAM	100	0	19.80	19.95	19.87		
20	256QAM	1	0	17.70	17.58	17.70		
20	256QAM	1	49	17.81	17.79	17.70	19	5
20	256QAM	1	99	17.69	17.64	17.83		
20	256QAM	50	0	17.83	17.61	17.76		
20	256QAM	50	24	17.69	17.70	17.67	19	5
20	256QAM	50	50	17.77	17.70	17.76		
20	256QAM	100	0	17.69	17.73	17.72		
Channel				132047	132322	132597	24	0
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.68	22.74	22.72		
15	QPSK	1	37	22.69	22.73	22.73	23	1
15	QPSK	1	74	22.68	22.69	22.61		
15	QPSK	36	0	21.82	21.95	21.72		
15	QPSK	36	20	21.81	21.78	21.73	23	1
15	QPSK	36	39	21.95	21.75	21.75		
15	QPSK	75	0	21.70	21.84	21.77		
15	16QAM	1	0	22.11	22.16	22.15	23	1
15	16QAM	1	37	22.09	22.18	22.14		
15	16QAM	1	74	22.11	22.14	22.32		
15	16QAM	36	0	20.97	20.84	20.70	22	2
15	16QAM	36	20	20.83	20.86	20.90		
15	16QAM	36	39	20.81	20.74	20.84		
15	16QAM	75	0	20.70	20.79	20.65	22	2
15	64QAM	1	0	20.79	20.85	20.77		

15	64QAM	1	37	20.85	20.80	20.71		
15	64QAM	1	74	20.75	20.79	20.74		
15	64QAM	36	0	19.94	19.91	19.76		
15	64QAM	36	20	19.89	19.80	19.90		
15	64QAM	36	39	20.01	19.98	19.92		
15	64QAM	75	0	19.75	19.93	19.87	21	3
15	256QAM	1	0	17.77	17.55	17.71		
15	256QAM	1	37	17.80	17.79	17.68		
15	256QAM	1	74	17.69	17.66	17.78	19	5
15	256QAM	36	0	17.81	17.65	17.82		
15	256QAM	36	20	17.73	17.69	17.65		
15	256QAM	36	39	17.72	17.69	17.76		
15	256QAM	75	0	17.70	17.72	17.75		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.61	22.75	22.74	24	0
10	QPSK	1	25	22.71	22.66	22.75		
10	QPSK	1	49	22.66	22.72	22.67		
10	QPSK	25	0	21.81	21.94	21.77	23	1
10	QPSK	25	12	21.86	21.72	21.76		
10	QPSK	25	25	21.97	21.78	21.78		
10	QPSK	50	0	21.75	21.89	21.84		
10	16QAM	1	0	22.12	22.06	22.09	23	1
10	16QAM	1	25	22.06	22.17	22.23		
10	16QAM	1	49	22.17	22.12	22.33		
10	16QAM	25	0	20.94	20.82	20.71	22	2
10	16QAM	25	12	20.77	20.81	20.93		
10	16QAM	25	25	20.85	20.73	20.76		
10	16QAM	50	0	20.75	20.78	20.66		
10	64QAM	1	0	20.78	20.81	20.74	22	2
10	64QAM	1	25	20.85	20.81	20.81		
10	64QAM	1	49	20.72	20.78	20.81		
10	64QAM	25	0	20.03	19.85	19.75	21	3
10	64QAM	25	12	19.82	19.82	19.85		
10	64QAM	25	25	20.03	19.93	19.92		
10	64QAM	50	0	19.80	19.87	19.90		
10	256QAM	1	0	17.77	17.62	17.71	19	5
10	256QAM	1	25	17.78	17.73	17.69		
10	256QAM	1	49	17.63	17.66	17.85		
10	256QAM	25	0	17.77	17.63	17.78	19	5
10	256QAM	25	12	17.75	17.75	17.67		
10	256QAM	25	25	17.73	17.73	17.74		
10	256QAM	50	0	17.71	17.78	17.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.62	22.71	22.70	24	0
5	QPSK	1	12	22.72	22.65	22.69		
5	QPSK	1	24	22.68	22.73	22.61		
5	QPSK	12	0	21.75	21.98	21.68	23	1
5	QPSK	12	7	21.82	21.78	21.77		
5	QPSK	12	13	21.93	21.80	21.80		
5	QPSK	25	0	21.79	21.88	21.80		
5	16QAM	1	0	22.13	22.09	22.16	23	1
5	16QAM	1	12	22.01	22.14	22.21		
5	16QAM	1	24	22.10	22.13	22.34		

5	16QAM	12	0	20.90	20.86	20.70	22	2
5	16QAM	12	7	20.80	20.80	20.86		
5	16QAM	12	13	20.86	20.75	20.85		
5	16QAM	25	0	20.71	20.82	20.68		
5	64QAM	1	0	20.78	20.82	20.77	22	2
5	64QAM	1	12	20.82	20.78	20.80		
5	64QAM	1	24	20.77	20.84	20.84		
5	64QAM	12	0	19.96	19.91	19.80	21	3
5	64QAM	12	7	19.80	19.77	19.86		
5	64QAM	12	13	20.04	19.98	19.89		
5	64QAM	25	0	19.73	19.92	19.94		
5	256QAM	1	0	17.76	17.59	17.71	19	5
5	256QAM	1	12	17.85	17.76	17.65		
5	256QAM	1	24	17.65	17.72	17.79		
5	256QAM	12	0	17.80	17.61	17.74	19	5
5	256QAM	12	7	17.71	17.65	17.62		
5	256QAM	12	13	17.70	17.69	17.70		
5	256QAM	25	0	17.65	17.73	17.69		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.61	22.70	22.67	24	0
3	QPSK	1	8	22.67	22.63	22.69		
3	QPSK	1	14	22.67	22.70	22.68		
3	QPSK	8	0	21.72	21.89	21.71	23	1
3	QPSK	8	4	21.88	21.73	21.70		
3	QPSK	8	7	21.92	21.79	21.81		
3	QPSK	15	0	21.75	21.82	21.82		
3	16QAM	1	0	22.15	22.12	22.10	23	1
3	16QAM	1	8	22.07	22.12	22.19		
3	16QAM	1	14	22.12	22.12	22.33		
3	16QAM	8	0	20.96	20.88	20.76	22	2
3	16QAM	8	4	20.82	20.81	20.86		
3	16QAM	8	7	20.86	20.82	20.83		
3	16QAM	15	0	20.72	20.78	20.70		
3	64QAM	1	0	20.85	20.86	20.75	22	2
3	64QAM	1	8	20.83	20.76	20.76		
3	64QAM	1	14	20.75	20.84	20.74		
3	64QAM	8	0	19.98	19.84	19.81	21	3
3	64QAM	8	4	19.83	19.79	19.91		
3	64QAM	8	7	19.96	19.91	19.87		
3	64QAM	15	0	19.73	19.90	19.92		
3	256QAM	1	0	17.69	17.62	17.72	19	5
3	256QAM	1	8	17.79	17.79	17.68		
3	256QAM	1	14	17.63	17.71	17.84		
3	256QAM	8	0	17.81	17.65	17.80	19	5
3	256QAM	8	4	17.67	17.66	17.68		
3	256QAM	8	7	17.73	17.75	17.74		
3	256QAM	15	0	17.68	17.73	17.75		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.60	22.77	22.58	24	0
1.4	QPSK	1	3	22.73	22.67	22.69		
1.4	QPSK	1	5	22.66	22.64	22.71		
1.4	QPSK	3	0	22.64	22.81	22.66		
1.4	QPSK	3	1	22.66	22.65	22.77		

1.4	QPSK	3	3	22.73	22.69	22.60		
1.4	QPSK	6	0	21.60	21.67	21.68	23	1
1.4	16QAM	1	0	21.76	21.62	21.69	23	1
1.4	16QAM	1	3	21.87	21.80	21.90		
1.4	16QAM	1	5	21.59	21.70	21.83		
1.4	16QAM	3	0	22.14	22.26	22.23		
1.4	16QAM	3	1	22.08	22.08	22.25		
1.4	16QAM	3	3	22.06	22.24	22.24		
1.4	16QAM	6	0	20.81	20.83	20.75	22	2
1.4	64QAM	1	0	20.78	20.74	20.82	22	2
1.4	64QAM	1	3	20.83	20.71	20.81		
1.4	64QAM	1	5	20.60	20.64	20.59		
1.4	64QAM	3	0	20.77	20.80	20.85		
1.4	64QAM	3	1	20.84	20.74	20.78		
1.4	64QAM	3	3	20.70	20.62	20.60		
1.4	64QAM	6	0	20.55	20.65	20.69	21	3
1.4	256QAM	1	0	17.82	17.70	17.67	19	5
1.4	256QAM	1	3	17.78	17.61	17.67		
1.4	256QAM	1	5	17.68	17.63	17.68		
1.4	256QAM	3	0	17.80	17.59	17.71		
1.4	256QAM	3	1	17.63	17.55	17.58		
1.4	256QAM	3	3	17.74	17.76	17.72		
1.4	256QAM	6	0	17.71	17.79	17.82	19	5

Reduced Power Mode for DSI 0

Band 5 Ant 1 DSI0

BW [MHz]	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	21.64	21.66	21.49	23	0
10	QPSK	1	25	21.65	21.55	21.60		
10	QPSK	1	49	21.57	21.58	21.55		
10	QPSK	25	0	20.56	20.85	20.54	22	1
10	QPSK	25	12	20.66	20.56	20.72		
10	QPSK	25	25	20.78	20.71	20.80		
10	QPSK	50	0	20.58	20.72	20.69		
10	16QAM	1	0	21.10	20.98	21.07	22	1
10	16QAM	1	25	20.95	20.94	20.98		
10	16QAM	1	49	20.93	21.07	21.28		
10	16QAM	25	0	19.85	19.65	19.69	21	2
10	16QAM	25	12	19.62	19.76	19.82		
10	16QAM	25	25	19.83	19.72	19.60		
10	16QAM	50	0	19.60	19.60	19.47		
10	64QAM	1	0	19.82	19.63	19.75	21	2
10	64QAM	1	25	19.83	19.63	19.63		
10	64QAM	1	49	19.70	19.76	19.71		
10	64QAM	25	0	18.93	18.87	18.66	20	3
10	64QAM	25	12	18.74	18.76	18.78		
10	64QAM	25	25	18.93	18.93	18.89		
10	64QAM	50	0	18.69	18.71	18.90		
10	256QAM	1	0	16.74	16.57	16.62	18	5
10	256QAM	1	25	16.82	16.73	16.53		
10	256QAM	1	49	16.61	16.66	16.79		
10	256QAM	25	0	16.63	16.44	16.61	18	5

10	256QAM	25	12	16.61	16.53	16.48		
10	256QAM	25	25	16.60	16.55	16.63		
10	256QAM	50	0	16.59	16.59	16.56		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.55	21.59	21.54	23	0
5	QPSK	1	12	21.70	21.60	21.50		
5	QPSK	1	24	21.57	21.49	21.50		
5	QPSK	12	0	20.64	20.73	20.53	22	1
5	QPSK	12	7	20.53	20.60	20.68		
5	QPSK	12	13	20.71	20.63	20.79		
5	QPSK	25	0	20.44	20.80	20.77	22	1
5	16QAM	1	0	21.16	21.02	20.97		
5	16QAM	1	12	20.90	21.00	21.01		
5	16QAM	1	24	21.00	21.08	21.23	21	2
5	16QAM	12	0	19.80	19.59	19.56		
5	16QAM	12	7	19.58	19.76	19.74		
5	16QAM	12	13	19.70	19.64	19.47	21	2
5	16QAM	25	0	19.48	19.47	19.35		
5	64QAM	1	0	19.79	19.56	19.80		
5	64QAM	1	12	19.84	19.60	19.59	21	2
5	64QAM	1	24	19.61	19.77	19.81		
5	64QAM	12	0	18.80	18.77	18.74		
5	64QAM	12	7	18.68	18.70	18.88	20	3
5	64QAM	12	13	18.89	18.88	18.98		
5	64QAM	25	0	18.61	18.66	18.85		
5	256QAM	1	0	16.68	16.50	16.70	18	5
5	256QAM	1	12	16.68	16.79	16.46		
5	256QAM	1	24	16.51	16.69	16.85		
5	256QAM	12	0	16.71	16.43	16.70	18	5
5	256QAM	12	7	16.59	16.51	16.42		
5	256QAM	12	13	16.52	16.42	16.60		
5	256QAM	25	0	16.51	16.63	16.50	18	5
Channel				20415	20525	20635		
Frequency (MHz)				825.5	836.5	847.5	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	21.61	21.73	21.55		
3	QPSK	1	8	21.58	21.47	21.69	23	0
3	QPSK	1	14	21.64	21.50	21.64		
3	QPSK	8	0	20.61	20.88	20.60		
3	QPSK	8	4	20.53	20.54	20.62	22	1
3	QPSK	8	7	20.78	20.77	20.74		
3	QPSK	15	0	20.63	20.76	20.66		
3	16QAM	1	0	21.11	21.04	20.93	22	1
3	16QAM	1	8	20.97	21.02	20.88		
3	16QAM	1	14	20.85	21.12	21.14		
3	16QAM	8	0	19.94	19.65	19.75	21	2
3	16QAM	8	4	19.56	19.77	19.91		
3	16QAM	8	7	19.81	19.66	19.49		
3	16QAM	15	0	19.65	19.54	19.50	21	2
3	64QAM	1	0	19.89	19.65	19.66		
3	64QAM	1	8	19.76	19.73	19.70		
3	64QAM	1	14	19.73	19.71	19.81	20	3
3	64QAM	8	0	18.79	18.73	18.63		
3	64QAM	8	4	18.79	18.72	18.82		
3	64QAM	8	7	18.83	19.02	18.79	20	3

3	64QAM	15	0	18.72	18.72	18.78		
3	256QAM	1	0	16.78	16.56	16.66	18	5
3	256QAM	1	8	16.78	16.67	16.46		
3	256QAM	1	14	16.71	16.58	16.69		
3	256QAM	8	0	16.60	16.45	16.52	18	5
3	256QAM	8	4	16.67	16.50	16.45		
3	256QAM	8	7	16.64	16.62	16.52		
3	256QAM	15	0	16.55	16.54	16.52		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.51	21.58	21.47	23	0
1.4	QPSK	1	3	21.60	21.46	21.43		
1.4	QPSK	1	5	21.60	21.43	21.45		
1.4	QPSK	3	0	21.43	21.68	21.45		
1.4	QPSK	3	1	21.46	21.53	21.52		
1.4	QPSK	3	3	21.39	21.41	21.50		
1.4	QPSK	6	0	20.42	20.48	20.49	22	1
1.4	16QAM	1	0	20.67	20.42	20.52	22	1
1.4	16QAM	1	3	20.83	20.76	20.72		
1.4	16QAM	1	5	20.46	20.51	20.69		
1.4	16QAM	3	0	21.13	21.09	20.96		
1.4	16QAM	3	1	21.00	20.91	21.03		
1.4	16QAM	3	3	20.89	21.06	21.16		
1.4	16QAM	6	0	19.55	19.57	19.70	21	2
1.4	64QAM	1	0	19.67	19.60	19.70	21	2
1.4	64QAM	1	3	19.57	19.60	19.58		
1.4	64QAM	1	5	19.49	19.38	19.38		
1.4	64QAM	3	0	19.58	19.53	19.70		
1.4	64QAM	3	1	19.65	19.58	19.71		
1.4	64QAM	3	3	19.63	19.56	19.66		
1.4	64QAM	6	0	19.34	19.54	19.48	20	3
1.4	256QAM	1	0	16.61	16.59	16.49	18	5
1.4	256QAM	1	3	16.60	16.55	16.44		
1.4	256QAM	1	5	16.56	16.60	16.44		
1.4	256QAM	3	0	16.69	16.59	16.46		
1.4	256QAM	3	1	16.47	16.45	16.40		
1.4	256QAM	3	3	16.58	16.55	16.60		
1.4	256QAM	6	0	16.50	16.60	16.65	18	5

Band 13 Ant 1 DSI0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23230				
Frequency (MHz)				782				
10	QPSK	1	0		21.77		23	0
10	QPSK	1	25		21.51			
10	QPSK	1	49		21.64			
10	QPSK	25	0		20.75		22	1
10	QPSK	25	12		20.70			
10	QPSK	25	25		20.71			
10	QPSK	50	0		20.73			
10	16QAM	1	0		21.07		22	1
10	16QAM	1	25		21.20			
10	16QAM	1	49		21.05			

10	16QAM	25	0		19.67		21	2
10	16QAM	25	12		19.73			
10	16QAM	25	25		19.63			
10	16QAM	50	0		19.67			
10	64QAM	1	0		19.69		21	2
10	64QAM	1	25		19.71			
10	64QAM	1	49		19.70			
10	64QAM	25	0		18.84		20	3
10	64QAM	25	12		18.67			
10	64QAM	25	25		18.84			
10	64QAM	50	0		18.76			
10	256QAM	1	0		16.59		18	5
10	256QAM	1	25		16.61			
10	256QAM	1	49		16.70			
10	256QAM	25	0		16.66		18	5
10	256QAM	25	12		16.60			
10	256QAM	25	25		16.52			
10	256QAM	50	0		16.63			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.60	21.68	21.57	23	0
5	QPSK	1	12	21.75	21.56	21.61		
5	QPSK	1	24	21.45	21.64	21.53		
5	QPSK	12	0	20.82	21.02	20.52	22	1
5	QPSK	12	7	20.72	20.75	20.63		
5	QPSK	12	13	20.94	20.85	20.76		
5	QPSK	25	0	20.80	20.82	20.59		
5	16QAM	1	0	21.19	20.99	21.00	22	1
5	16QAM	1	12	20.97	21.06	21.08		
5	16QAM	1	24	20.95	21.00	21.20		
5	16QAM	12	0	19.89	19.72	19.70	21	2
5	16QAM	12	7	19.78	19.72	19.72		
5	16QAM	12	13	19.72	19.86	19.81		
5	16QAM	25	0	19.70	19.61	19.54		
5	64QAM	1	0	19.70	19.65	19.70	21	2
5	64QAM	1	12	19.72	19.87	19.62		
5	64QAM	1	24	19.66	19.82	19.64		
5	64QAM	12	0	18.92	18.74	18.76	20	3
5	64QAM	12	7	18.75	18.69	18.98		
5	64QAM	12	13	18.84	18.74	18.84		
5	64QAM	25	0	18.60	18.87	18.72		
5	256QAM	1	0	16.70	16.62	16.64	18	5
5	256QAM	1	12	16.72	16.77	16.66		
5	256QAM	1	24	16.47	16.64	16.79		
5	256QAM	12	0	16.64	16.65	16.70	18	5
5	256QAM	12	7	16.64	16.70	16.58		
5	256QAM	12	13	16.67	16.68	16.53		
5	256QAM	25	0	16.59	16.61	16.79		

Band 17 Ant 1 DSI0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.58	21.78	21.76	23	0
10	QPSK	1	25	21.57	21.56	21.55		
10	QPSK	1	49	21.69	21.68	21.49		
10	QPSK	25	0	20.82	20.85	20.70	22	1
10	QPSK	25	12	20.84	20.81	20.75		
10	QPSK	25	25	20.53	20.75	20.74		
10	QPSK	50	0	20.70	20.81	20.80	22	1
10	16QAM	1	0	21.07	21.08	21.17		
10	16QAM	1	25	21.10	21.08	21.14		
10	16QAM	1	49	21.21	21.08	21.30	21	2
10	16QAM	25	0	19.91	20.01	19.74		
10	16QAM	25	12	19.78	19.93	19.87		
10	16QAM	25	25	19.89	19.88	19.72	21	2
10	16QAM	50	0	19.75	19.75	19.68		
10	64QAM	1	0	19.98	19.84	19.91		
10	64QAM	1	25	19.86	19.81	19.68	21	2
10	64QAM	1	49	19.82	19.70	19.76		
10	64QAM	25	0	18.99	18.81	18.68	20	3
10	64QAM	25	12	18.91	18.80	18.97		
10	64QAM	25	25	18.87	18.89	18.83		
10	64QAM	50	0	18.84	18.91	19.02	18	5
10	256QAM	1	0	16.64	16.63	16.74		
10	256QAM	1	25	16.86	16.80	16.66		
10	256QAM	1	49	16.72	16.67	16.86	18	5
10	256QAM	25	0	16.74	16.67	16.88		
10	256QAM	25	12	16.77	16.72	16.62		
10	256QAM	25	25	16.60	16.72	16.56	18	5
10	256QAM	50	0	16.68	16.74	16.67		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.63	21.72	21.70	23	0
5	QPSK	1	12	21.66	21.68	21.72		
5	QPSK	1	24	21.60	21.74	21.55		
5	QPSK	12	0	20.76	21.02	20.73	22	1
5	QPSK	12	7	20.81	20.85	20.92		
5	QPSK	12	13	20.72	20.80	20.78		
5	QPSK	25	0	20.89	20.91	20.80	22	1
5	16QAM	1	0	21.22	21.23	21.03		
5	16QAM	1	12	20.95	21.12	21.09		
5	16QAM	1	24	21.29	21.12	21.37	21	2
5	16QAM	12	0	20.02	19.88	19.65		
5	16QAM	12	7	19.73	19.76	19.74		
5	16QAM	12	13	19.95	19.83	19.93	21	2
5	16QAM	25	0	19.70	19.82	19.68		
5	64QAM	1	0	19.78	19.77	19.79		
5	64QAM	1	12	19.82	19.70	19.68	21	2
5	64QAM	1	24	19.86	19.85	19.75		
5	64QAM	12	0	19.05	18.91	18.87		
5	64QAM	12	7	18.94	18.86	18.85	20	3
5	64QAM	12	13	18.90	18.94	18.94		

5	64QAM	25	0	18.94	18.95	18.99		
5	256QAM	1	0	16.66	16.54	16.79	18	5
5	256QAM	1	12	16.86	16.85	16.81		
5	256QAM	1	24	16.59	16.66	16.90		
5	256QAM	12	0	16.91	16.62	16.86	18	5
5	256QAM	12	7	16.77	16.88	16.72		
5	256QAM	12	13	16.72	16.67	16.65		
5	256QAM	25	0	16.68	16.92	16.67		

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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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.36	21.64	21.34	23	0
15	QPSK	1	37	21.45	21.44	21.34		
15	QPSK	1	74	21.53	21.48	21.27		
15	QPSK	36	0	20.49	20.68	20.37	22	1
15	QPSK	36	20	20.40	20.53	20.35		
15	QPSK	36	39	20.66	20.65	20.56		
15	QPSK	75	0	20.48	20.68	20.43		
15	16QAM	1	0	20.79	20.93	20.79	22	1
15	16QAM	1	37	20.80	20.96	20.99		
15	16QAM	1	74	21.01	20.82	20.91		
15	16QAM	36	0	19.61	19.57	19.39	21	2
15	16QAM	36	20	19.52	19.65	19.56		
15	16QAM	36	39	19.64	19.59	19.51		
15	16QAM	75	0	19.41	19.50	19.42		
15	64QAM	1	0	19.62	19.67	19.50	21	2
15	64QAM	1	37	19.66	19.65	19.50		
15	64QAM	1	74	19.42	19.48	19.45		
15	64QAM	36	0	18.66	18.63	18.58	20	3
15	64QAM	36	20	18.45	18.63	18.61		
15	64QAM	36	39	18.74	18.57	18.69		
15	64QAM	75	0	18.45	18.59	18.54		
15	256QAM	1	0	16.38	16.19	16.52	18	5
15	256QAM	1	37	16.62	16.39	16.41		
15	256QAM	1	74	16.34	16.34	16.48		
15	256QAM	36	0	16.49	16.52	16.33	18	5
15	256QAM	36	20	16.38	16.29	16.52		
15	256QAM	36	39	16.34	16.43	16.43		
15	256QAM	75	0	16.39	16.46	16.33		
Channel				26740	26865	26990		
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.24	21.43	21.28	23	0
10	QPSK	1	25	21.55	21.47	21.36		
10	QPSK	1	49	21.36	21.33	21.33		
10	QPSK	25	0	20.52	20.63	20.45	22	1
10	QPSK	25	12	20.52	20.48	20.49		
10	QPSK	25	25	20.69	20.57	20.54		
10	QPSK	50	0	20.54	20.69	20.51		
10	16QAM	1	0	20.91	20.75	20.80	22	1
10	16QAM	1	25	20.90	20.85	21.05		
10	16QAM	1	49	21.00	20.83	20.98		

10	16QAM	25	0	19.79	19.55	19.50	21	2
10	16QAM	25	12	19.51	19.48	19.53		
10	16QAM	25	25	19.67	19.57	19.51		
10	16QAM	50	0	19.45	19.56	19.46		
10	64QAM	1	0	19.48	19.56	19.44	21	2
10	64QAM	1	25	19.52	19.45	19.59		
10	64QAM	1	49	19.52	19.39	19.43		
10	64QAM	25	0	18.61	18.55	18.66	20	3
10	64QAM	25	12	18.47	18.54	18.61		
10	64QAM	25	25	18.72	18.60	18.58		
10	64QAM	50	0	18.46	18.58	18.68		
10	256QAM	1	0	16.53	16.37	16.45	18	5
10	256QAM	1	25	16.47	16.58	16.37		
10	256QAM	1	49	16.27	16.31	16.56		
10	256QAM	25	0	16.48	16.41	16.33	18	5
10	256QAM	25	12	16.41	16.32	16.50		
10	256QAM	25	25	16.53	16.43	16.48		
10	256QAM	50	0	16.33	16.50	16.50		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.37	21.43	21.35	23	0
5	QPSK	1	12	21.41	21.39	21.35		
5	QPSK	1	24	21.58	21.42	21.30		
5	QPSK	12	0	20.64	20.62	20.48	22	1
5	QPSK	12	7	20.59	20.46	20.36		
5	QPSK	12	13	20.62	20.63	20.36		
5	QPSK	25	0	20.46	20.55	20.36		
5	16QAM	1	0	20.85	20.91	20.83	22	1
5	16QAM	1	12	20.81	20.95	20.98		
5	16QAM	1	24	20.97	20.94	21.01		
5	16QAM	12	0	19.67	19.66	19.53	21	2
5	16QAM	12	7	19.42	19.58	19.73		
5	16QAM	12	13	19.47	19.58	19.48		
5	16QAM	25	0	19.34	19.57	19.47		
5	64QAM	1	0	19.55	19.69	19.45	21	2
5	64QAM	1	12	19.69	19.63	19.52		
5	64QAM	1	24	19.58	19.39	19.56		
5	64QAM	12	0	18.78	18.44	18.65	20	3
5	64QAM	12	7	18.53	18.64	18.71		
5	64QAM	12	13	18.75	18.58	18.57		
5	64QAM	25	0	18.39	18.70	18.64		
5	256QAM	1	0	16.35	16.35	16.42	18	5
5	256QAM	1	12	16.58	16.55	16.48		
5	256QAM	1	24	16.20	16.31	16.61		
5	256QAM	12	0	16.55	16.37	16.34	18	5
5	256QAM	12	7	16.47	16.40	16.36		
5	256QAM	12	13	16.30	16.40	16.32		
5	256QAM	25	0	16.42	16.50	16.39		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.31	21.49	21.48	23	0
3	QPSK	1	8	21.44	21.36	21.35		
3	QPSK	1	14	21.43	21.39	21.26		
3	QPSK	8	0	20.57	20.70	20.48	22	1
3	QPSK	8	4	20.52	20.50	20.41		

3	QPSK	8	7	20.71	20.55	20.36		
3	QPSK	15	0	20.47	20.63	20.48		
3	16QAM	1	0	20.84	20.92	20.80		
3	16QAM	1	8	20.76	20.81	21.01	22	1
3	16QAM	1	14	21.00	20.77	20.95	21	2
3	16QAM	8	0	19.75	19.66	19.41		
3	16QAM	8	4	19.61	19.70	19.58		
3	16QAM	8	7	19.47	19.60	19.64		
3	16QAM	15	0	19.37	19.55	19.32	21	2
3	64QAM	1	0	19.67	19.62	19.48		
3	64QAM	1	8	19.52	19.50	19.41		
3	64QAM	1	14	19.46	19.43	19.45	20	3
3	64QAM	8	0	18.77	18.47	18.46		
3	64QAM	8	4	18.63	18.52	18.57		
3	64QAM	8	7	18.63	18.73	18.70		
3	64QAM	15	0	18.53	18.61	18.57	18	5
3	256QAM	1	0	16.55	16.21	16.42		
3	256QAM	1	8	16.47	16.39	16.48		
3	256QAM	1	14	16.32	16.32	16.59	18	5
3	256QAM	8	0	16.61	16.53	16.34		
3	256QAM	8	4	16.28	16.30	16.50		
3	256QAM	8	7	16.32	16.29	16.39		
3	256QAM	15	0	16.38	16.55	16.46	Tune-up limit (dBm)	MPR (dB)
Channel				26697	26865	27033		
Frequency (MHz)				814.7	831.5	848.3	23	0
1.4	QPSK	1	0	21.25	21.52	21.38		
1.4	QPSK	1	3	21.53	21.52	21.39		
1.4	QPSK	1	5	21.49	21.31	21.38		
1.4	QPSK	3	0	20.49	20.63	20.41		
1.4	QPSK	3	1	20.41	20.54	20.40		
1.4	QPSK	3	3	20.57	20.65	20.54	22	1
1.4	QPSK	6	0	20.52	20.57	20.57		
1.4	16QAM	1	0	20.85	20.93	20.95		
1.4	16QAM	1	3	20.78	20.79	20.84	22	1
1.4	16QAM	1	5	20.98	20.84	21.03		
1.4	16QAM	3	0	19.62	19.72	19.41		
1.4	16QAM	3	1	19.46	19.53	19.64		
1.4	16QAM	3	3	19.68	19.53	19.53	21	2
1.4	16QAM	6	0	19.30	19.49	19.48		
1.4	64QAM	1	0	19.52	19.63	19.41		
1.4	64QAM	1	3	19.65	19.63	19.61	21	2
1.4	64QAM	1	5	19.52	19.48	19.41		
1.4	64QAM	3	0	18.63	18.47	18.64		
1.4	64QAM	3	1	18.63	18.61	18.51		
1.4	64QAM	3	3	18.61	18.77	18.63	20	3
1.4	64QAM	6	0	18.43	18.66	18.65		
1.4	256QAM	1	0	16.46	16.18	16.46		
1.4	256QAM	1	3	16.48	16.47	16.49	18	5
1.4	256QAM	1	5	16.42	16.37	16.59		
1.4	256QAM	3	0	16.54	16.31	16.47		
1.4	256QAM	3	1	16.44	16.40	16.35		
1.4	256QAM	3	3	16.40	16.49	16.41	18	5
1.4	256QAM	6	0	16.38	16.36	16.48		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.72	21.87	21.73		
20	QPSK	1	49	21.62	21.77	21.68	23	0
20	QPSK	1	99	21.68	21.79	21.67		
20	QPSK	50	0	20.73	20.82	20.66		
20	QPSK	50	24	20.77	20.73	20.78	22	1
20	QPSK	50	50	20.75	20.65	20.77		
20	QPSK	100	0	20.82	20.96	20.65		
20	16QAM	1	0	21.10	21.24	21.14	22	1
20	16QAM	1	49	21.03	21.14	21.17		
20	16QAM	1	99	21.15	21.15	21.45		
20	16QAM	50	0	19.96	19.77	19.87	21	2
20	16QAM	50	24	19.86	19.90	19.84		
20	16QAM	50	50	19.81	19.76	19.86		
20	16QAM	100	0	19.86	19.76	19.49	21	2
20	64QAM	1	0	19.89	19.74	19.79		
20	64QAM	1	49	19.85	19.88	19.76		
20	64QAM	1	99	19.88	19.98	19.75	21	2
20	64QAM	50	0	18.81	18.90	18.86		
20	64QAM	50	24	18.80	18.95	18.84		
20	64QAM	50	50	19.08	18.83	19.06	20	3
20	64QAM	100	0	18.87	18.88	19.05		
20	256QAM	1	0	16.70	16.70	16.73		
20	256QAM	1	49	16.76	16.73	16.77	18	5
20	256QAM	1	99	16.68	16.71	16.88		
20	256QAM	50	0	16.84	16.66	16.89		
20	256QAM	50	24	16.71	16.63	16.70	18	5
20	256QAM	50	50	16.62	16.83	16.76		
20	256QAM	100	0	16.68	16.76	16.71		
Channel				133197	133297	133397		
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.52	21.80	21.79		
15	QPSK	1	37	21.68	21.86	21.71	23	0
15	QPSK	1	74	21.68	21.60	21.69		
15	QPSK	36	0	20.87	21.12	20.72		
15	QPSK	36	20	20.74	20.93	20.69	22	1
15	QPSK	36	39	20.93	20.84	20.79		
15	QPSK	75	0	20.66	20.91	20.75		
15	16QAM	1	0	21.22	21.03	21.01	22	1
15	16QAM	1	37	21.06	21.18	21.08		
15	16QAM	1	74	21.01	21.19	21.48		
15	16QAM	36	0	19.88	19.79	19.90	21	2
15	16QAM	36	20	19.95	19.91	19.87		
15	16QAM	36	39	19.75	19.66	19.80		
15	16QAM	75	0	19.82	19.68	19.65	21	2
15	64QAM	1	0	19.81	19.76	19.70		
15	64QAM	1	37	19.94	19.77	19.75		
15	64QAM	1	74	19.69	19.76	19.68	20	3
15	64QAM	36	0	18.80	18.80	18.80		
15	64QAM	36	20	18.87	18.80	18.81		
15	64QAM	36	39	19.02	18.86	18.96		

15	64QAM	75	0	18.91	18.89	18.94		
15	256QAM	1	0	16.86	16.67	16.83	18	5
15	256QAM	1	37	16.77	16.76	16.60		
15	256QAM	1	74	16.68	16.75	16.93		
15	256QAM	36	0	16.68	16.70	16.69	18	5
15	256QAM	36	20	16.78	16.69	16.80		
15	256QAM	36	39	16.71	16.91	16.65		
15	256QAM	75	0	16.67	16.67	16.83		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.52	21.81	21.78	23	0
10	QPSK	1	25	21.70	21.66	21.79		
10	QPSK	1	49	21.74	21.64	21.64		
10	QPSK	25	0	20.91	20.93	20.83	22	1
10	QPSK	25	12	20.94	20.93	20.73		
10	QPSK	25	25	20.97	20.71	20.75		
10	QPSK	50	0	20.76	20.97	20.76	22	1
10	16QAM	1	0	21.23	21.06	21.10		
10	16QAM	1	25	20.93	21.23	21.07		
10	16QAM	1	49	21.14	21.00	21.35	21	2
10	16QAM	25	0	19.99	19.76	19.70		
10	16QAM	25	12	19.83	19.79	19.95		
10	16QAM	25	25	19.88	19.70	19.77	21	2
10	16QAM	50	0	19.85	19.72	19.62		
10	64QAM	1	0	19.82	19.78	19.70		
10	64QAM	1	25	19.97	19.94	19.79	21	2
10	64QAM	1	49	19.82	19.83	19.71		
10	64QAM	25	0	19.02	18.86	18.91		
10	64QAM	25	12	18.73	18.80	18.89	20	3
10	64QAM	25	25	18.95	18.98	19.00		
10	64QAM	50	0	18.80	18.89	18.87		
10	256QAM	1	0	16.71	16.61	16.89	18	5
10	256QAM	1	25	16.74	16.67	16.70		
10	256QAM	1	49	16.66	16.73	16.96		
10	256QAM	25	0	16.76	16.77	16.79	18	5
10	256QAM	25	12	16.62	16.71	16.77		
10	256QAM	25	25	16.79	16.73	16.77		
10	256QAM	50	0	16.63	16.74	16.91		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.72	21.77	21.84	23	0
5	QPSK	1	12	21.77	21.81	21.71		
5	QPSK	1	24	21.64	21.55	21.67		
5	QPSK	12	0	20.96	21.09	20.69	22	1
5	QPSK	12	7	20.88	20.75	20.63		
5	QPSK	12	13	21.07	20.82	20.94		
5	QPSK	25	0	20.68	20.78	20.76	22	1
5	16QAM	1	0	21.05	21.10	21.09		
5	16QAM	1	12	21.04	21.19	21.16		
5	16QAM	1	24	21.19	20.96	21.46	21	2
5	16QAM	12	0	19.98	19.82	19.69		
5	16QAM	12	7	19.84	19.99	19.96		
5	16QAM	12	13	19.71	19.72	19.66	21	2
5	16QAM	25	0	19.81	19.66	19.55		
5	64QAM	1	0	19.74	19.80	19.85		

5	64QAM	1	12	19.93	19.87	19.75		
5	64QAM	1	24	19.87	19.75	19.82		
5	64QAM	12	0	18.81	18.95	18.72		
5	64QAM	12	7	18.77	18.98	18.79		
5	64QAM	12	13	18.99	18.99	18.90		
5	64QAM	25	0	18.74	18.81	18.93	20	3
5	256QAM	1	0	16.86	16.61	16.69		
5	256QAM	1	12	16.84	16.65	16.65		
5	256QAM	1	24	16.82	16.69	16.88	18	5
5	256QAM	12	0	16.84	16.72	16.83		
5	256QAM	12	7	16.67	16.84	16.65		
5	256QAM	12	13	16.68	16.85	16.63		
5	256QAM	25	0	16.74	16.73	16.81		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.74	22.84	22.79		
10	QPSK	1	25	22.79	22.78	22.81	24	0
10	QPSK	1	49	22.80	22.83	22.74		
10	QPSK	25	0	21.87	22.04	21.83		
10	QPSK	25	12	21.93	21.85	21.85	23	1
10	QPSK	25	25	22.02	21.89	21.90		
10	QPSK	50	0	21.85	21.96	21.90		
10	16QAM	1	0	22.22	22.21	22.23	23	1
10	16QAM	1	25	22.15	22.25	22.28		
10	16QAM	1	49	22.24	22.23	22.42		
10	16QAM	25	0	21.03	20.95	20.84	22	2
10	16QAM	25	12	20.91	20.92	20.98		
10	16QAM	25	25	20.94	20.88	20.90		
10	16QAM	50	0	20.84	20.90	20.75	22	2
10	64QAM	1	0	20.92	20.94	20.87		
10	64QAM	1	25	20.95	20.89	20.86		
10	64QAM	1	49	20.84	20.90	20.89	21	3
10	64QAM	25	0	20.08	19.97	19.88		
10	64QAM	25	12	19.94	19.92	19.98		
10	64QAM	25	25	20.10	20.05	19.99	19	5
10	64QAM	50	0	19.86	20.00	20.00		
10	256QAM	1	0	17.83	17.69	17.82		
10	256QAM	1	25	17.91	17.85	17.79	19	5
10	256QAM	1	49	17.77	17.79	17.91		
10	256QAM	25	0	17.91	17.74	17.87		
10	256QAM	25	12	17.81	17.80	17.75	19	5
10	256QAM	25	25	17.82	17.83	17.82		
10	256QAM	50	0	17.79	17.85	17.83		
Channel				20425	20525	20625		
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.54	22.62	22.56		
5	QPSK	1	12	22.54	22.65	22.65	24	0
5	QPSK	1	24	22.56	22.66	22.56		
5	QPSK	12	0	21.71	21.88	21.69	23	1
5	QPSK	12	7	21.75	21.72	21.65		

5	QPSK	12	13	21.83	21.72	21.73		
5	QPSK	25	0	21.60	21.72	21.76		
5	16QAM	1	0	22.08	22.05	21.98		
5	16QAM	1	12	21.98	22.02	22.13	23	1
5	16QAM	1	24	22.03	22.04	22.21	22	2
5	16QAM	12	0	20.90	20.75	20.65		
5	16QAM	12	7	20.72	20.76	20.85		
5	16QAM	12	13	20.81	20.77	20.78		
5	16QAM	25	0	20.68	20.77	20.60	22	2
5	64QAM	1	0	20.78	20.83	20.63		
5	64QAM	1	12	20.70	20.70	20.73		
5	64QAM	1	24	20.68	20.67	20.77	21	3
5	64QAM	12	0	19.91	19.84	19.66		
5	64QAM	12	7	19.78	19.73	19.75		
5	64QAM	12	13	19.89	19.92	19.78		
5	64QAM	25	0	19.68	19.77	19.76	19	5
5	256QAM	1	0	17.62	17.47	17.59		
5	256QAM	1	12	17.72	17.67	17.65		
5	256QAM	1	24	17.66	17.56	17.79	19	5
5	256QAM	12	0	17.73	17.50	17.63		
5	256QAM	12	7	17.71	17.65	17.64		
5	256QAM	12	13	17.61	17.62	17.65		
5	256QAM	25	0	17.66	17.62	17.62	Tune-up limit (dBm)	MPR (dB)
Channel				20415	20525	20635		
Frequency (MHz)				825.5	836.5	847.5	24	0
3	QPSK	1	0	22.60	22.67	22.59		
3	QPSK	1	8	22.56	22.57	22.62		
3	QPSK	1	14	22.61	22.62	22.63	23	1
3	QPSK	8	0	21.75	21.91	21.60		
3	QPSK	8	4	21.82	21.71	21.73		
3	QPSK	8	7	21.86	21.69	21.74		
3	QPSK	15	0	21.61	21.72	21.76	23	1
3	16QAM	1	0	22.09	22.09	22.00		
3	16QAM	1	8	21.94	22.09	22.10		
3	16QAM	1	14	22.01	21.99	22.26	22	2
3	16QAM	8	0	20.81	20.80	20.61		
3	16QAM	8	4	20.71	20.73	20.87		
3	16QAM	8	7	20.83	20.74	20.74		
3	16QAM	15	0	20.66	20.78	20.56	22	2
3	64QAM	1	0	20.76	20.69	20.69		
3	64QAM	1	8	20.85	20.65	20.61		
3	64QAM	1	14	20.62	20.73	20.72	21	3
3	64QAM	8	0	19.97	19.84	19.64		
3	64QAM	8	4	19.69	19.79	19.77		
3	64QAM	8	7	19.86	19.93	19.77		
3	64QAM	15	0	19.64	19.83	19.88	19	5
3	256QAM	1	0	17.62	17.53	17.71		
3	256QAM	1	8	17.81	17.71	17.56		
3	256QAM	1	14	17.58	17.66	17.77	19	5
3	256QAM	8	0	17.67	17.49	17.62		
3	256QAM	8	4	17.66	17.65	17.62		
3	256QAM	8	7	17.62	17.70	17.64		
3	256QAM	15	0	17.55	17.65	17.59	Tune-up limit (dBm)	MPR (dB)
Channel				20407	20525	20643		
Frequency (MHz)				824.7	836.5	848.3	Tune-up limit (dBm)	MPR (dB)

1.4	QPSK	1	0	22.47	22.61	22.43	24	0
1.4	QPSK	1	3	22.56	22.52	22.40		
1.4	QPSK	1	5	22.60	22.44	22.47		
1.4	QPSK	3	0	22.44	22.64	22.45		
1.4	QPSK	3	1	22.46	22.60	22.50		
1.4	QPSK	3	3	22.44	22.51	22.45		
1.4	QPSK	6	0	21.43	21.47	21.48	23	1
1.4	16QAM	1	0	21.62	21.42	21.46	23	1
1.4	16QAM	1	3	21.80	21.70	21.78		
1.4	16QAM	1	5	21.40	21.60	21.73		
1.4	16QAM	3	0	22.04	22.08	21.98		
1.4	16QAM	3	1	21.96	21.91	22.00		
1.4	16QAM	3	3	21.84	22.05	22.15		
1.4	16QAM	6	0	20.57	20.58	20.69	22	2
1.4	64QAM	1	0	20.69	20.51	20.77	22	2
1.4	64QAM	1	3	20.64	20.61	20.66		
1.4	64QAM	1	5	20.51	20.46	20.48		
1.4	64QAM	3	0	20.51	20.57	20.65		
1.4	64QAM	3	1	20.69	20.51	20.76		
1.4	64QAM	3	3	20.61	20.63	20.65		
1.4	64QAM	6	0	20.36	20.51	20.51	21	3
1.4	256QAM	1	0	17.64	17.53	17.52	19	5
1.4	256QAM	1	3	17.58	17.53	17.44		
1.4	256QAM	1	5	17.55	17.53	17.47		
1.4	256QAM	3	0	17.71	17.58	17.40		
1.4	256QAM	3	1	17.51	17.49	17.46		
1.4	256QAM	3	3	17.59	17.50	17.59		
1.4	256QAM	6	0	17.50	17.57	17.65	19	5

Band 13 Ant 0 DSI0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23230				
Frequency (MHz)				782				
10	QPSK	1	0		22.78		24	0
10	QPSK	1	25		22.68			
10	QPSK	1	49		22.77			
10	QPSK	25	0		22.03		23	1
10	QPSK	25	12		21.81			
10	QPSK	25	25		21.87			
10	QPSK	50	0		21.94		23	1
10	16QAM	1	0		22.14			
10	16QAM	1	25		22.21			
10	16QAM	1	49		22.23		22	2
10	16QAM	25	0		20.82			
10	16QAM	25	12		20.81			
10	16QAM	25	25		20.85		22	2
10	16QAM	50	0		20.81			
10	64QAM	1	0		20.86			
10	64QAM	1	25		20.89		22	2
10	64QAM	1	49		20.89			
10	64QAM	25	0		19.94		21	3
10	64QAM	25	12		19.85			
10	64QAM	25	25		19.93			

10	64QAM	50	0		19.97			
10	256QAM	1	0		17.66			
10	256QAM	1	25		17.80		19	5
10	256QAM	1	49		17.69			
10	256QAM	25	0		17.67			
10	256QAM	25	12		17.73		19	5
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.80			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.60	22.67	22.60	24	0
5	QPSK	1	12	22.55	22.55	22.59		
5	QPSK	1	24	22.67	22.64	22.63		
5	QPSK	12	0	21.67	21.93	21.65	23	1
5	QPSK	12	7	21.83	21.66	21.72		
5	QPSK	12	13	21.82	21.77	21.73		
5	QPSK	25	0	21.73	21.81	21.70		
5	16QAM	1	0	22.11	22.07	22.12	23	1
5	16QAM	1	12	21.96	22.14	22.15		
5	16QAM	1	24	22.08	22.05	22.18		
5	16QAM	12	0	20.82	20.85	20.65	22	2
5	16QAM	12	7	20.72	20.76	20.78		
5	16QAM	12	13	20.82	20.67	20.71		
5	16QAM	25	0	20.66	20.76	20.58		
5	64QAM	1	0	20.74	20.82	20.62	22	2
5	64QAM	1	12	20.80	20.74	20.70		
5	64QAM	1	24	20.72	20.70	20.74		
5	64QAM	12	0	19.93	19.73	19.64	21	3
5	64QAM	12	7	19.80	19.71	19.75		
5	64QAM	12	13	19.87	19.92	19.78		
5	64QAM	25	0	19.66	19.82	19.80		
5	256QAM	1	0	17.58	17.56	17.72	19	5
5	256QAM	1	12	17.78	17.67	17.68		
5	256QAM	1	24	17.63	17.69	17.78		
5	256QAM	12	0	17.80	17.51	17.75	19	5
5	256QAM	12	7	17.63	17.65	17.64		
5	256QAM	12	13	17.59	17.60	17.69		
5	256QAM	25	0	17.65	17.65	17.66		

Band 17 Ant 0 DSI0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.70	22.75	22.68	24	0
10	QPSK	1	25	22.69	22.65	22.67		
10	QPSK	1	49	22.73	22.73	22.61		
10	QPSK	25	0	21.76	21.94	21.69	23	1
10	QPSK	25	12	21.90	21.83	21.83		
10	QPSK	25	25	21.66	21.74	21.84		
10	QPSK	50	0	21.80	21.91	21.89		
10	16QAM	1	0	22.19	22.16	22.10	23	1
10	16QAM	1	25	22.00	22.20	22.15		
10	16QAM	1	49	22.18	22.11	22.33		

10	16QAM	25	0	20.91	20.92	20.71	22	2
10	16QAM	25	12	20.79	20.89	20.83		
10	16QAM	25	25	20.90	20.79	20.83		
10	16QAM	50	0	20.71	20.84	20.62		
10	64QAM	1	0	20.89	20.83	20.80	22	2
10	64QAM	1	25	20.84	20.82	20.77		
10	64QAM	1	49	20.80	20.80	20.81		
10	64QAM	25	0	20.07	19.90	19.80	21	3
10	64QAM	25	12	19.88	19.77	19.94		
10	64QAM	25	25	19.98	19.93	19.89		
10	64QAM	50	0	19.83	19.97	19.95		
10	256QAM	1	0	17.76	17.54	17.74	19	5
10	256QAM	1	25	17.78	17.83	17.72		
10	256QAM	1	49	17.65	17.76	17.81		
10	256QAM	25	0	17.84	17.61	17.78	19	5
10	256QAM	25	12	17.68	17.78	17.75		
10	256QAM	25	25	17.71	17.79	17.68		
10	256QAM	50	0	17.77	17.83	17.78		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.63	22.69	22.66	24	0
5	QPSK	1	12	22.65	22.59	22.65		
5	QPSK	1	24	22.67	22.59	22.63		
5	QPSK	12	0	21.73	21.85	21.65	23	1
5	QPSK	12	7	21.75	21.63	21.61		
5	QPSK	12	13	21.89	21.67	21.67		
5	QPSK	25	0	21.61	21.84	21.79		
5	16QAM	1	0	21.97	22.02	22.12	23	1
5	16QAM	1	12	21.96	22.07	22.17		
5	16QAM	1	24	22.09	22.02	22.32		
5	16QAM	12	0	20.79	20.77	20.63	22	2
5	16QAM	12	7	20.75	20.73	20.82		
5	16QAM	12	13	20.70	20.65	20.72		
5	16QAM	25	0	20.60	20.66	20.57		
5	64QAM	1	0	20.74	20.75	20.64	22	2
5	64QAM	1	12	20.71	20.70	20.64		
5	64QAM	1	24	20.66	20.66	20.76		
5	64QAM	12	0	19.89	19.85	19.77	21	3
5	64QAM	12	7	19.77	19.75	19.88		
5	64QAM	12	13	19.91	19.81	19.83		
5	64QAM	25	0	19.69	19.84	19.80		
5	256QAM	1	0	17.73	17.51	17.71	19	5
5	256QAM	1	12	17.74	17.63	17.65		
5	256QAM	1	24	17.55	17.60	17.75		
5	256QAM	12	0	17.69	17.61	17.63	19	5
5	256QAM	12	7	17.68	17.63	17.54		
5	256QAM	12	13	17.62	17.70	17.63		
5	256QAM	25	0	17.64	17.65	17.71		

Band 26 for FCC Ant 0 DSI0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		

15	QPSK	1	0	22.84	23.04	22.89	24	0
15	QPSK	1	37	22.97	22.91	22.96		
15	QPSK	1	74	22.99	22.93	22.84		
15	QPSK	36	0	22.06	22.24	21.89	23	1
15	QPSK	36	20	22.00	22.05	21.94		
15	QPSK	36	39	22.20	22.09	21.97		
15	QPSK	75	0	22.04	22.14	21.99	23	1
15	16QAM	1	0	22.40	22.34	22.41		
15	16QAM	1	37	22.33	22.36	22.45		
15	16QAM	1	74	22.43	22.36	22.48	22	2
15	16QAM	36	0	21.23	21.14	20.95		
15	16QAM	36	20	21.04	21.09	21.12		
15	16QAM	36	39	21.09	21.05	21.07	22	2
15	16QAM	75	0	20.91	21.04	20.87		
15	64QAM	1	0	21.09	21.11	20.93		
15	64QAM	1	37	21.11	21.05	21.01	21	3
15	64QAM	1	74	20.99	20.98	21.04		
15	64QAM	36	0	20.22	20.06	20.06		
15	64QAM	36	20	20.06	20.06	20.11	19	5
15	64QAM	36	39	20.18	20.18	20.14		
15	64QAM	75	0	19.95	20.11	20.09		
15	256QAM	1	0	17.94	17.76	17.98	19	5
15	256QAM	1	37	18.02	17.99	17.96		
15	256QAM	1	74	17.82	17.84	18.08		
15	256QAM	36	0	18.11	17.93	17.94	19	5
15	256QAM	36	20	17.91	17.86	17.94		
15	256QAM	36	39	17.92	17.89	17.90		
15	256QAM	75	0	17.93	17.97	17.96	Tune-up limit (dBm)	MPR (dB)
Channel				26740	26865	26990		
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.68	22.74	22.73	24	0
10	QPSK	1	25	22.69	22.68	22.71		
10	QPSK	1	49	22.80	22.82	22.62		
10	QPSK	25	0	21.84	21.93	21.70	23	1
10	QPSK	25	12	21.90	21.85	21.81		
10	QPSK	25	25	21.93	21.85	21.81		
10	QPSK	50	0	21.80	21.82	21.77	23	1
10	16QAM	1	0	22.12	22.06	22.23		
10	16QAM	1	25	22.09	22.23	22.18		
10	16QAM	1	49	22.11	22.15	22.36	22	2
10	16QAM	25	0	20.93	20.80	20.73		
10	16QAM	25	12	20.91	20.77	20.85		
10	16QAM	25	25	20.85	20.81	20.81	22	2
10	16QAM	50	0	20.80	20.75	20.67		
10	64QAM	1	0	20.86	20.88	20.78		
10	64QAM	1	25	20.94	20.89	20.82	21	3
10	64QAM	1	49	20.73	20.84	20.75		
10	64QAM	25	0	20.00	19.96	19.83		
10	64QAM	25	12	19.93	19.88	19.90	19	5
10	64QAM	25	25	19.97	19.93	19.91		
10	64QAM	50	0	19.77	19.93	19.93		
10	256QAM	1	0	17.78	17.66	17.68	19	5
10	256QAM	1	25	17.80	17.78	17.73		
10	256QAM	1	49	17.71	17.72	17.88		
10	256QAM	25	0	17.83	17.70	17.84	19	5
10	256QAM	25	12	17.72	17.76	17.66		

10	256QAM	25	25	17.77	17.73	17.70		
10	256QAM	50	0	17.64	17.74	17.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.63	22.80	22.65	24	0
5	QPSK	1	12	22.70	22.69	22.78		
5	QPSK	1	24	22.76	22.73	22.64		
5	QPSK	12	0	21.74	21.96	21.78	23	1
5	QPSK	12	7	21.90	21.78	21.78		
5	QPSK	12	13	22.00	21.85	21.84		
5	QPSK	25	0	21.78	21.84	21.90		
5	16QAM	1	0	22.20	22.21	22.12	23	1
5	16QAM	1	12	22.08	22.21	22.14		
5	16QAM	1	24	22.18	22.22	22.35		
5	16QAM	12	0	21.02	20.81	20.71	22	2
5	16QAM	12	7	20.79	20.82	20.95		
5	16QAM	12	13	20.85	20.79	20.89		
5	16QAM	25	0	20.83	20.76	20.61		
5	64QAM	1	0	20.81	20.90	20.79	22	2
5	64QAM	1	12	20.81	20.88	20.79		
5	64QAM	1	24	20.78	20.83	20.83		
5	64QAM	12	0	20.05	19.95	19.80	21	3
5	64QAM	12	7	19.86	19.86	19.91		
5	64QAM	12	13	19.99	19.91	19.91		
5	64QAM	25	0	19.83	19.95	19.99		
5	256QAM	1	0	17.80	17.66	17.76	19	5
5	256QAM	1	12	17.90	17.85	17.75		
5	256QAM	1	24	17.66	17.67	17.83		
5	256QAM	12	0	17.85	17.71	17.78	19	5
5	256QAM	12	7	17.68	17.67	17.65		
5	256QAM	12	13	17.71	17.75	17.68		
5	256QAM	25	0	17.65	17.84	17.70		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.61	22.82	22.70	24	0
3	QPSK	1	8	22.68	22.67	22.75		
3	QPSK	1	14	22.77	22.68	22.69		
3	QPSK	8	0	21.79	22.03	21.74	23	1
3	QPSK	8	4	21.89	21.80	21.82		
3	QPSK	8	7	21.90	21.86	21.79		
3	QPSK	15	0	21.79	21.87	21.86		
3	16QAM	1	0	22.22	22.10	22.08	23	1
3	16QAM	1	8	22.07	22.22	22.21		
3	16QAM	1	14	22.10	22.15	22.40		
3	16QAM	8	0	21.01	20.87	20.79	22	2
3	16QAM	8	4	20.80	20.80	20.91		
3	16QAM	8	7	20.79	20.77	20.81		
3	16QAM	15	0	20.83	20.80	20.60		
3	64QAM	1	0	20.81	20.88	20.77	22	2
3	64QAM	1	8	20.93	20.75	20.84		
3	64QAM	1	14	20.80	20.79	20.77		
3	64QAM	8	0	19.96	19.93	19.83	21	3
3	64QAM	8	4	19.82	19.81	19.90		
3	64QAM	8	7	19.98	19.97	19.93		
3	64QAM	15	0	19.72	19.98	19.95		

3	256QAM	1	0	17.74	17.67	17.76	19	5
3	256QAM	1	8	17.79	17.77	17.65		
3	256QAM	1	14	17.63	17.73	17.82		
3	256QAM	8	0	17.90	17.72	17.83	19	5
3	256QAM	8	4	17.69	17.65	17.74		
3	256QAM	8	7	17.81	17.73	17.74		
3	256QAM	15	0	17.72	17.76	17.70		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.71	22.76	22.67	24	0
1.4	QPSK	1	3	22.81	22.71	22.61		
1.4	QPSK	1	5	22.84	22.67	22.69		
1.4	QPSK	3	0	22.60	22.83	22.61		
1.4	QPSK	3	1	22.65	22.75	22.68		
1.4	QPSK	3	3	22.63	22.66	22.69		
1.4	QPSK	6	0	21.61	21.64	21.69	23	1
1.4	16QAM	1	0	21.84	21.66	21.69	23	1
1.4	16QAM	1	3	22.02	21.92	21.97		
1.4	16QAM	1	5	21.63	21.75	21.89		
1.4	16QAM	3	0	22.28	22.29	22.20		
1.4	16QAM	3	1	22.20	22.07	22.19		
1.4	16QAM	3	3	22.06	22.28	22.37		
1.4	16QAM	6	0	20.75	20.78	20.87	22	2
1.4	64QAM	1	0	20.87	20.75	20.93	22	2
1.4	64QAM	1	3	20.81	20.80	20.83		
1.4	64QAM	1	5	20.69	20.63	20.63		
1.4	64QAM	3	0	20.75	20.78	20.87		
1.4	64QAM	3	1	20.87	20.75	20.93		
1.4	64QAM	3	3	20.81	20.80	20.83		
1.4	64QAM	6	0	20.57	20.71	20.66	21	3
1.4	256QAM	1	0	17.86	17.76	17.70	19	5
1.4	256QAM	1	3	17.77	17.72	17.64		
1.4	256QAM	1	5	17.74	17.77	17.67		
1.4	256QAM	3	0	17.93	17.74	17.63		
1.4	256QAM	3	1	17.72	17.65	17.63		
1.4	256QAM	3	3	17.77	17.75	17.78		
1.4	256QAM	6	0	17.69	17.80	17.89	19	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				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.82	22.98	22.96	24	0
20	QPSK	1	49	22.90	22.97	22.96		
20	QPSK	1	99	22.91	22.89	22.90		
20	QPSK	50	0	22.07	22.22	21.94	23	1
20	QPSK	50	24	22.05	22.04	21.96		
20	QPSK	50	50	22.21	21.98	22.08		
20	QPSK	100	0	21.92	22.07	21.97		
20	16QAM	1	0	22.38	22.36	22.34	23	1
20	16QAM	1	49	22.21	22.43	22.35		
20	16QAM	1	99	22.31	22.29	22.60		
20	16QAM	50	0	21.10	21.05	21.01	22	2

20	16QAM	50	24	21.06	21.10	21.06		
20	16QAM	50	50	21.04	20.99	20.97		
20	16QAM	100	0	21.00	20.95	20.81		
20	64QAM	1	0	21.01	21.06	20.95	22	2
20	64QAM	1	49	21.08	21.06	21.05		
20	64QAM	1	99	21.01	21.08	20.97		
20	64QAM	50	0	20.13	20.12	20.06	21	3
20	64QAM	50	24	20.02	20.09	20.09		
20	64QAM	50	50	20.25	20.12	20.17		
20	64QAM	100	0	20.05	20.11	20.18	19	5
20	256QAM	1	0	18.02	17.86	18.00		
20	256QAM	1	49	18.01	17.91	17.89		
20	256QAM	1	99	17.96	17.92	18.08	19	5
20	256QAM	50	0	17.96	17.91	18.00		
20	256QAM	50	24	17.89	17.96	17.92		
20	256QAM	50	50	17.96	18.02	17.96	19	5
20	256QAM	100	0	17.92	17.97	18.01		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.73	22.69	22.75	24	0
15	QPSK	1	37	22.65	22.66	22.79		
15	QPSK	1	74	22.75	22.72	22.68		
15	QPSK	36	0	21.86	21.99	21.71	23	1
15	QPSK	36	20	21.88	21.84	21.72		
15	QPSK	36	39	21.92	21.84	21.85		
15	QPSK	75	0	21.81	21.83	21.86	23	1
15	16QAM	1	0	22.16	22.12	22.19		
15	16QAM	1	37	22.08	22.15	22.15		
15	16QAM	1	74	22.13	22.08	22.32	22	2
15	16QAM	36	0	20.96	20.85	20.79		
15	16QAM	36	20	20.77	20.78	20.84		
15	16QAM	36	39	20.92	20.86	20.77	22	2
15	16QAM	75	0	20.75	20.76	20.62		
15	64QAM	1	0	20.82	20.80	20.86		
15	64QAM	1	37	20.92	20.88	20.75	21	3
15	64QAM	1	74	20.78	20.84	20.86		
15	64QAM	36	0	20.04	19.87	19.78		
15	64QAM	36	20	19.79	19.78	19.91	19	5
15	64QAM	36	39	19.97	19.91	19.89		
15	64QAM	75	0	19.74	19.90	20.00		
15	256QAM	1	0	17.75	17.68	17.74	19	5
15	256QAM	1	37	17.82	17.79	17.69		
15	256QAM	1	74	17.68	17.73	17.77		
15	256QAM	36	0	17.85	17.65	17.76	19	5
15	256QAM	36	20	17.80	17.73	17.62		
15	256QAM	36	39	17.68	17.70	17.72		
15	256QAM	75	0	17.70	17.78	17.82	Tune-up limit (dBm)	MPR (dB)
Channel				133172	133272	133422		
Frequency (MHz)				668	678	693	24	0
10	QPSK	1	0	22.74	22.77	22.73		
10	QPSK	1	25	22.69	22.71	22.77		
10	QPSK	1	49	22.69	22.73	22.64	23	1
10	QPSK	25	0	21.79	21.94	21.75		
10	QPSK	25	12	21.79	21.77	21.72		
10	QPSK	25	25	22.02	21.78	21.86		

10	QPSK	50	0	21.84	21.92	21.84		
10	16QAM	1	0	22.08	22.13	22.17	23	1
10	16QAM	1	25	22.10	22.20	22.26		
10	16QAM	1	49	22.23	22.23	22.40		
10	16QAM	25	0	20.99	20.89	20.69	22	2
10	16QAM	25	12	20.78	20.86	20.95		
10	16QAM	25	25	20.85	20.79	20.79		
10	16QAM	50	0	20.79	20.78	20.72	22	2
10	64QAM	1	0	20.85	20.83	20.87		
10	64QAM	1	25	20.85	20.75	20.75		
10	64QAM	1	49	20.77	20.86	20.83	21	3
10	64QAM	25	0	20.03	19.86	19.81		
10	64QAM	25	12	19.89	19.86	19.97		
10	64QAM	25	25	20.04	19.93	19.93	19	5
10	64QAM	50	0	19.86	19.98	19.99		
10	256QAM	1	0	17.80	17.67	17.73		
10	256QAM	1	25	17.86	17.82	17.65	19	5
10	256QAM	1	49	17.65	17.77	17.89		
10	256QAM	25	0	17.85	17.73	17.72		
10	256QAM	25	12	17.71	17.77	17.69	19	5
10	256QAM	25	25	17.81	17.83	17.70		
10	256QAM	50	0	17.68	17.83	17.71		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.70	22.78	22.75	24	0
5	QPSK	1	12	22.71	22.74	22.73		
5	QPSK	1	24	22.69	22.73	22.62		
5	QPSK	12	0	21.82	22.01	21.78	23	1
5	QPSK	12	7	21.85	21.82	21.79		
5	QPSK	12	13	22.01	21.84	21.89		
5	QPSK	25	0	21.75	21.82	21.87	23	1
5	16QAM	1	0	22.20	22.15	22.14		
5	16QAM	1	12	22.04	22.20	22.19		
5	16QAM	1	24	22.21	22.16	22.41	22	2
5	16QAM	12	0	21.02	20.80	20.80		
5	16QAM	12	7	20.89	20.90	20.86		
5	16QAM	12	13	20.88	20.73	20.79	22	2
5	16QAM	25	0	20.77	20.77	20.67		
5	64QAM	1	0	20.85	20.93	20.85		
5	64QAM	1	12	20.91	20.75	20.72	22	2
5	64QAM	1	24	20.78	20.89	20.75		
5	64QAM	12	0	20.02	19.88	19.86		
5	64QAM	12	7	19.83	19.84	19.88	21	3
5	64QAM	12	13	20.03	20.02	19.95		
5	64QAM	25	0	19.73	19.89	19.87		
5	256QAM	1	0	17.70	17.64	17.79	19	5
5	256QAM	1	12	17.82	17.72	17.70		
5	256QAM	1	24	17.77	17.78	17.81		
5	256QAM	12	0	17.82	17.72	17.80	19	5
5	256QAM	12	7	17.69	17.67	17.69		
5	256QAM	12	13	17.71	17.82	17.71		
5	256QAM	25	0	17.78	17.82	17.76		

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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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.74	22.84	22.79	24	0
20	QPSK	1	49	22.79	22.78	22.81		
20	QPSK	1	99	22.80	22.83	22.74		
20	QPSK	50	0	21.87	22.04	21.83	23	1
20	QPSK	50	24	21.93	21.85	21.85		
20	QPSK	50	50	22.02	21.89	21.90		
20	QPSK	100	0	21.85	21.96	21.90	23	1
20	16QAM	1	0	22.22	22.21	22.23		
20	16QAM	1	49	22.15	22.25	22.28		
20	16QAM	1	99	22.24	22.23	22.42	22	2
20	16QAM	50	0	21.03	20.95	20.84		
20	16QAM	50	24	20.91	20.92	20.98		
20	16QAM	50	50	20.94	20.88	20.90	22	2
20	16QAM	100	0	20.84	20.90	20.75		
20	64QAM	1	0	20.92	20.94	20.87	22	2
20	64QAM	1	49	20.95	20.89	20.86		
20	64QAM	1	99	20.84	20.90	20.89		
20	64QAM	50	0	20.08	19.97	19.88	21	3
20	64QAM	50	24	19.94	19.92	19.98		
20	64QAM	50	50	20.10	20.05	19.99		
20	64QAM	100	0	19.86	20.00	20.00	19	5
20	256QAM	1	0	17.83	17.69	17.82		
20	256QAM	1	49	17.91	17.85	17.79		
20	256QAM	1	99	17.77	17.79	17.91	19	5
20	256QAM	50	0	17.91	17.74	17.87		
20	256QAM	50	24	17.81	17.80	17.75		
20	256QAM	50	50	17.82	17.83	17.82	19	5
20	256QAM	100	0	17.79	17.85	17.83		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.62	22.73	22.74	24	0
15	QPSK	1	37	22.64	22.66	22.68		
15	QPSK	1	74	22.73	22.71	22.67		
15	QPSK	36	0	21.80	21.97	21.76	23	1
15	QPSK	36	20	21.81	21.73	21.73		
15	QPSK	36	39	21.87	21.81	21.77		
15	QPSK	75	0	21.80	21.87	21.76	23	1
15	16QAM	1	0	22.14	22.14	22.14		
15	16QAM	1	37	22.05	22.11	22.14		
15	16QAM	1	74	22.14	22.11	22.36	22	2
15	16QAM	36	0	20.94	20.89	20.73		
15	16QAM	36	20	20.79	20.83	20.91		
15	16QAM	36	39	20.87	20.77	20.75	22	2
15	16QAM	75	0	20.78	20.79	20.60		
15	64QAM	1	0	20.81	20.87	20.80		
15	64QAM	1	37	20.85	20.76	20.73	22	2
15	64QAM	1	74	20.76	20.84	20.77		
15	64QAM	36	0	20.03	19.85	19.82		
15	64QAM	36	20	19.87	19.78	19.87	21	3
15	64QAM	36	39	19.97	19.92	19.85		

15	64QAM	75	0	19.76	19.90	19.91		
15	256QAM	1	0	17.72	17.64	17.72	19	5
15	256QAM	1	37	17.78	17.71	17.67		
15	256QAM	1	74	17.62	17.71	17.81		
15	256QAM	36	0	17.83	17.64	17.77	19	5
15	256QAM	36	20	17.66	17.67	17.68		
15	256QAM	36	39	17.72	17.73	17.72		
15	256QAM	75	0	17.74	17.70	17.75		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.65	22.79	22.69	24	0
10	QPSK	1	25	22.69	22.66	22.67		
10	QPSK	1	49	22.66	22.71	22.64		
10	QPSK	25	0	21.72	21.96	21.73	23	1
10	QPSK	25	12	21.87	21.77	21.76		
10	QPSK	25	25	21.94	21.77	21.76		
10	QPSK	50	0	21.75	21.83	21.79		
10	16QAM	1	0	22.13	22.07	22.08	23	1
10	16QAM	1	25	22.04	22.15	22.20		
10	16QAM	1	49	22.12	22.13	22.31		
10	16QAM	25	0	20.90	20.83	20.76	22	2
10	16QAM	25	12	20.85	20.80	20.88		
10	16QAM	25	25	20.83	20.76	20.83		
10	16QAM	50	0	20.78	20.81	20.68		
10	64QAM	1	0	20.86	20.86	20.76	22	2
10	64QAM	1	25	20.90	20.81	20.75		
10	64QAM	1	49	20.72	20.80	20.76		
10	64QAM	25	0	19.94	19.84	19.82	21	3
10	64QAM	25	12	19.89	19.80	19.86		
10	64QAM	25	25	20.04	19.95	19.93		
10	64QAM	50	0	19.74	19.90	19.88		
10	256QAM	1	0	17.71	17.57	17.74	19	5
10	256QAM	1	25	17.86	17.77	17.71		
10	256QAM	1	49	17.68	17.71	17.81		
10	256QAM	25	0	17.80	17.67	17.79	19	5
10	256QAM	25	12	17.72	17.74	17.66		
10	256QAM	25	25	17.71	17.71	17.75		
10	256QAM	50	0	17.66	17.70	17.73		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.65	22.75	22.69	24	0
5	QPSK	1	12	22.68	22.70	22.73		
5	QPSK	1	24	22.70	22.70	22.69		
5	QPSK	12	0	21.78	21.93	21.75	23	1
5	QPSK	12	7	21.82	21.78	21.73		
5	QPSK	12	13	21.94	21.81	21.84		
5	QPSK	25	0	21.72	21.89	21.79		
5	16QAM	1	0	22.15	22.16	22.16	23	1
5	16QAM	1	12	22.05	22.14	22.17		
5	16QAM	1	24	22.14	22.14	22.35		
5	16QAM	12	0	20.96	20.84	20.70	22	2
5	16QAM	12	7	20.76	20.84	20.89		
5	16QAM	12	13	20.87	20.75	20.80		
5	16QAM	25	0	20.78	20.84	20.67		
5	64QAM	1	0	20.80	20.84	20.76	22	2

5	64QAM	1	12	20.88	20.75	20.79	21	3
5	64QAM	1	24	20.72	20.84	20.81		
5	64QAM	12	0	19.94	19.85	19.83		
5	64QAM	12	7	19.83	19.79	19.85		
5	64QAM	12	13	19.98	20.00	19.84		
5	64QAM	25	0	19.81	19.85	19.87	19	5
5	256QAM	1	0	17.68	17.56	17.70		
5	256QAM	1	12	17.85	17.72	17.65		
5	256QAM	1	24	17.63	17.69	17.78	19	5
5	256QAM	12	0	17.84	17.67	17.77		
5	256QAM	12	7	17.71	17.69	17.66		
5	256QAM	12	13	17.71	17.77	17.76		
5	256QAM	25	0	17.65	17.71	17.70		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.62	22.70	22.71	24	0
3	QPSK	1	8	22.64	22.71	22.67		
3	QPSK	1	14	22.68	22.68	22.62		
3	QPSK	8	0	21.74	21.92	21.74	23	1
3	QPSK	8	4	21.83	21.77	21.77		
3	QPSK	8	7	21.95	21.78	21.77		
3	QPSK	15	0	21.75	21.83	21.78		
3	16QAM	1	0	22.16	22.07	22.15	23	1
3	16QAM	1	8	22.07	22.13	22.15		
3	16QAM	1	14	22.19	22.13	22.30		
3	16QAM	8	0	20.98	20.83	20.75	22	2
3	16QAM	8	4	20.77	20.81	20.89		
3	16QAM	8	7	20.81	20.83	20.77		
3	16QAM	15	0	20.72	20.78	20.67		
3	64QAM	1	0	20.82	20.87	20.75	22	2
3	64QAM	1	8	20.88	20.83	20.77		
3	64QAM	1	14	20.76	20.84	20.82		
3	64QAM	8	0	19.99	19.83	19.75	21	3
3	64QAM	8	4	19.83	19.84	19.87		
3	64QAM	8	7	19.97	19.93	19.93		
3	64QAM	15	0	19.74	19.87	19.90		
3	256QAM	1	0	17.74	17.58	17.71	19	5
3	256QAM	1	8	17.85	17.78	17.65		
3	256QAM	1	14	17.70	17.72	17.83		
3	256QAM	8	0	17.80	17.67	17.73	19	5
3	256QAM	8	4	17.73	17.72	17.60		
3	256QAM	8	7	17.74	17.71	17.68		
3	256QAM	15	0	17.69	17.75	17.76		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.64	22.78	22.65	24	0
1.4	QPSK	1	3	22.69	22.70	22.67		
1.4	QPSK	1	5	22.67	22.65	22.70		
1.4	QPSK	3	0	22.60	22.82	22.68		
1.4	QPSK	3	1	22.62	22.61	22.78		
1.4	QPSK	3	3	22.72	22.63	22.57	23	1
1.4	QPSK	6	0	21.61	21.65	21.64		
1.4	16QAM	1	0	21.83	21.65	21.70	23	1
1.4	16QAM	1	3	21.88	21.79	21.91		
1.4	16QAM	1	5	21.54	21.74	21.80		

1.4	16QAM	3	0	22.19	22.19	22.28		
1.4	16QAM	3	1	22.17	22.05	22.27		
1.4	16QAM	3	3	22.12	22.24	22.29		
1.4	16QAM	6	0	20.86	20.85	20.76	22	2
1.4	64QAM	1	0	20.75	20.72	20.88	22	2
1.4	64QAM	1	3	20.76	20.72	20.79		
1.4	64QAM	1	5	20.66	20.68	20.56		
1.4	64QAM	3	0	20.75	20.72	20.88		
1.4	64QAM	3	1	20.76	20.72	20.79		
1.4	64QAM	3	3	20.66	20.68	20.56	21	3
1.4	64QAM	6	0	20.48	20.61	20.61		
1.4	256QAM	1	0	17.83	17.69	17.65	19	5
1.4	256QAM	1	3	17.79	17.61	17.70		
1.4	256QAM	1	5	17.74	17.73	17.73		
1.4	256QAM	3	0	17.81	17.65	17.65		
1.4	256QAM	3	1	17.59	17.58	17.54		
1.4	256QAM	3	3	17.72	17.67	17.72	19	5
1.4	256QAM	6	0	17.78	17.78	17.81		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.69	22.89	22.72		
20	QPSK	1	49	22.71	22.69	22.75	24	0
20	QPSK	1	99	22.67	22.69	22.65	23	1
20	QPSK	50	0	21.76	21.97	21.74		
20	QPSK	50	24	21.81	21.75	21.77		
20	QPSK	50	50	21.93	21.75	21.77		
20	QPSK	100	0	21.76	21.90	21.80	23	1
20	16QAM	1	0	22.16	22.14	22.12		
20	16QAM	1	49	22.06	22.10	22.23		
20	16QAM	1	99	22.18	22.17	22.28	22	2
20	16QAM	50	0	20.90	20.88	20.73		
20	16QAM	50	24	20.80	20.79	20.88		
20	16QAM	50	50	20.86	20.78	20.80		
20	16QAM	100	0	20.74	20.78	20.66	22	2
20	64QAM	1	0	20.80	20.81	20.80		
20	64QAM	1	49	20.82	20.76	20.72		
20	64QAM	1	99	20.70	20.76	20.75	21	3
20	64QAM	50	0	20.00	19.84	19.75		
20	64QAM	50	24	19.82	19.87	19.88		
20	64QAM	50	50	20.01	19.97	19.87		
20	64QAM	100	0	19.81	19.85	19.86	19	5
20	256QAM	1	0	17.75	17.54	17.69		
20	256QAM	1	49	17.84	17.74	17.67		
20	256QAM	1	99	17.63	17.74	17.85	19	5
20	256QAM	50	0	17.86	17.66	17.78		
20	256QAM	50	24	17.70	17.72	17.64		
20	256QAM	50	50	17.73	17.71	17.74		
20	256QAM	100	0	17.65	17.79	17.74	Tune-up limit (dBm)	MPR (dB)
Channel				20025	20175	20325		
Frequency (MHz)				1717.5	1732.5	1747.5		

15	QPSK	1	0	22.68	22.77	22.65	24	0
15	QPSK	1	37	22.66	22.69	22.67		
15	QPSK	1	74	22.71	22.72	22.59		
15	QPSK	36	0	21.74	21.95	21.70	23	1
15	QPSK	36	20	21.85	21.77	21.70		
15	QPSK	36	39	21.94	21.83	21.80		
15	QPSK	75	0	21.72	21.82	21.83	23	1
15	16QAM	1	0	22.09	22.08	22.13		
15	16QAM	1	37	22.04	22.20	22.18		
15	16QAM	1	74	22.16	22.10	22.32	22	2
15	16QAM	36	0	20.91	20.83	20.78		
15	16QAM	36	20	20.79	20.79	20.90		
15	16QAM	36	39	20.82	20.74	20.84	22	2
15	16QAM	75	0	20.74	20.80	20.62		
15	64QAM	1	0	20.81	20.87	20.80		
15	64QAM	1	37	20.89	20.74	20.75	21	3
15	64QAM	1	74	20.71	20.77	20.76		
15	64QAM	36	0	20.00	19.88	19.79		
15	64QAM	36	20	19.80	19.86	19.84	19	5
15	64QAM	36	39	20.04	19.91	19.88		
15	64QAM	75	0	19.73	19.88	19.91		
15	256QAM	1	0	17.72	17.63	17.75	19	5
15	256QAM	1	37	17.82	17.78	17.66		
15	256QAM	1	74	17.66	17.64	17.83		
15	256QAM	36	0	17.82	17.61	17.74	19	5
15	256QAM	36	20	17.66	17.75	17.64		
15	256QAM	36	39	17.71	17.72	17.69		
15	256QAM	75	0	17.66	17.70	17.72	Tune-up limit (dBm)	MPR (dB)
Channel				20000	20175	20350		
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.68	22.73	22.74	24	0
10	QPSK	1	25	22.71	22.70	22.71		
10	QPSK	1	49	22.74	22.74	22.60		
10	QPSK	25	0	21.81	21.92	21.69	23	1
10	QPSK	25	12	21.86	21.79	21.75		
10	QPSK	25	25	21.94	21.79	21.78		
10	QPSK	50	0	21.74	21.84	21.80	23	1
10	16QAM	1	0	22.09	22.09	22.10		
10	16QAM	1	25	22.04	22.15	22.19		
10	16QAM	1	49	22.10	22.16	22.31	22	2
10	16QAM	25	0	20.91	20.88	20.75		
10	16QAM	25	12	20.78	20.80	20.88		
10	16QAM	25	25	20.88	20.79	20.76	22	2
10	16QAM	50	0	20.72	20.76	20.68		
10	64QAM	1	0	20.85	20.80	20.73		
10	64QAM	1	25	20.81	20.83	20.73	21	3
10	64QAM	1	49	20.74	20.84	20.79		
10	64QAM	25	0	19.96	19.84	19.82		
10	64QAM	25	12	19.81	19.85	19.86	19	5
10	64QAM	25	25	19.99	19.96	19.89		
10	64QAM	50	0	19.81	19.89	19.93		
10	256QAM	1	0	17.71	17.58	17.75	19	5
10	256QAM	1	25	17.76	17.75	17.67		
10	256QAM	1	49	17.65	17.72	17.77		
10	256QAM	25	0	17.84	17.60	17.77	19	5
10	256QAM	25	12	17.75	17.73	17.65		

10	256QAM	25	25	17.69	17.73	17.72		
10	256QAM	50	0	17.66	17.78	17.74		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.67	22.69	22.71	24	0
5	QPSK	1	12	22.64	22.66	22.67		
5	QPSK	1	24	22.73	22.70	22.67		
5	QPSK	12	0	21.78	21.99	21.69	23	1
5	QPSK	12	7	21.88	21.74	21.72		
5	QPSK	12	13	21.94	21.81	21.83		
5	QPSK	25	0	21.73	21.82	21.84	23	1
5	16QAM	1	0	22.10	22.14	22.11		
5	16QAM	1	12	22.03	22.15	22.23		
5	16QAM	1	24	22.16	22.13	22.34	22	2
5	16QAM	12	0	20.89	20.87	20.78		
5	16QAM	12	7	20.82	20.82	20.92		
5	16QAM	12	13	20.84	20.79	20.85	22	2
5	16QAM	25	0	20.71	20.79	20.62		
5	64QAM	1	0	20.86	20.85	20.73		
5	64QAM	1	12	20.89	20.80	20.77	22	2
5	64QAM	1	24	20.78	20.78	20.78		
5	64QAM	12	0	19.96	19.90	19.79		
5	64QAM	12	7	19.86	19.85	19.89	21	3
5	64QAM	12	13	20.02	19.96	19.90		
5	64QAM	25	0	19.75	19.87	19.86		
5	256QAM	1	0	17.73	17.63	17.71	19	5
5	256QAM	1	12	17.86	17.78	17.65		
5	256QAM	1	24	17.62	17.73	17.78		
5	256QAM	12	0	17.81	17.63	17.81	19	5
5	256QAM	12	7	17.69	17.73	17.66		
5	256QAM	12	13	17.72	17.76	17.75		
5	256QAM	25	0	17.68	17.78	17.74	19	5
Channel				19965	20175	20385		
Frequency (MHz)				1711.5	1732.5	1753.5	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	22.60	22.78	22.70		
3	QPSK	1	8	22.65	22.64	22.76	24	0
3	QPSK	1	14	22.74	22.72	22.64		
3	QPSK	8	0	21.78	21.92	21.70		
3	QPSK	8	4	21.84	21.70	21.76	23	1
3	QPSK	8	7	21.92	21.78	21.76		
3	QPSK	15	0	21.75	21.89	21.78		
3	16QAM	1	0	22.15	22.09	22.16	23	1
3	16QAM	1	8	22.02	22.16	22.18		
3	16QAM	1	14	22.16	22.10	22.31		
3	16QAM	8	0	20.96	20.83	20.71	22	2
3	16QAM	8	4	20.79	20.82	20.87		
3	16QAM	8	7	20.83	20.74	20.77		
3	16QAM	15	0	20.74	20.76	20.70	22	2
3	64QAM	1	0	20.84	20.83	20.79		
3	64QAM	1	8	20.84	20.80	20.75		
3	64QAM	1	14	20.77	20.83	20.77	22	2
3	64QAM	8	0	20.03	19.91	19.78		
3	64QAM	8	4	19.84	19.87	19.91		
3	64QAM	8	7	19.99	19.99	19.92	21	3
3	64QAM	15	0	19.76	19.93	19.92		

3	256QAM	1	0	17.75	17.56	17.74	19	5
3	256QAM	1	8	17.81	17.76	17.74		
3	256QAM	1	14	17.64	17.64	17.84		
3	256QAM	8	0	17.79	17.68	17.79	19	5
3	256QAM	8	4	17.73	17.70	17.66		
3	256QAM	8	7	17.75	17.68	17.70		
3	256QAM	15	0	17.67	17.73	17.73		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.62	22.80	22.65	24	0
1.4	QPSK	1	3	22.73	22.73	22.65		
1.4	QPSK	1	5	22.76	22.66	22.68		
1.4	QPSK	3	0	22.60	22.81	22.61		
1.4	QPSK	3	1	22.67	22.65	22.71		
1.4	QPSK	3	3	22.66	22.64	22.60		
1.4	QPSK	6	0	21.57	21.67	21.68	23	1
1.4	16QAM	1	0	21.79	21.64	21.63	23	1
1.4	16QAM	1	3	21.93	21.88	21.87		
1.4	16QAM	1	5	21.59	21.71	21.80		
1.4	16QAM	3	0	22.20	22.23	22.25		
1.4	16QAM	3	1	22.11	22.09	22.22		
1.4	16QAM	3	3	22.11	22.20	22.28		
1.4	16QAM	6	0	20.79	20.78	20.79	22	2
1.4	64QAM	1	0	20.77	20.80	20.85	22	2
1.4	64QAM	1	3	20.84	20.74	20.78		
1.4	64QAM	1	5	20.70	20.62	20.60		
1.4	64QAM	3	0	20.77	20.80	20.85		
1.4	64QAM	3	1	20.84	20.74	20.78		
1.4	64QAM	3	3	20.70	20.62	20.60		
1.4	64QAM	6	0	20.50	20.64	20.64	21	3
1.4	256QAM	1	0	17.84	17.72	17.66	19	5
1.4	256QAM	1	3	17.81	17.65	17.62		
1.4	256QAM	1	5	17.70	17.68	17.66		
1.4	256QAM	3	0	17.87	17.65	17.66		
1.4	256QAM	3	1	17.66	17.55	17.54		
1.4	256QAM	3	3	17.71	17.72	17.75		
1.4	256QAM	6	0	17.71	17.75	17.82	19	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.64	22.85	22.69	24	0
20	QPSK	1	49	22.72	22.66	22.68		
20	QPSK	1	99	22.69	22.72	22.60		
20	QPSK	50	0	21.82	21.90	21.70	23	1
20	QPSK	50	24	21.78	21.71	21.78		
20	QPSK	50	50	21.88	21.83	21.81		
20	QPSK	100	0	21.77	21.86	21.79		
20	16QAM	1	0	22.17	22.08	22.10	23	1
20	16QAM	1	49	22.04	22.15	22.14		
20	16QAM	1	99	22.11	22.17	22.33		
20	16QAM	50	0	20.94	20.83	20.71	22	2

20	16QAM	50	24	20.81	20.79	20.89		
20	16QAM	50	50	20.82	20.73	20.75		
20	16QAM	100	0	20.78	20.80	20.62		
20	64QAM	1	0	20.80	20.83	20.77	22	2
20	64QAM	1	49	20.87	20.80	20.72		
20	64QAM	1	99	20.78	20.81	20.74		
20	64QAM	50	0	19.93	19.91	19.76	21	3
20	64QAM	50	24	19.85	19.78	19.86		
20	64QAM	50	50	20.01	19.99	19.87		
20	64QAM	100	0	19.80	19.95	19.87	19	5
20	256QAM	1	0	17.70	17.58	17.70		
20	256QAM	1	49	17.81	17.79	17.70		
20	256QAM	1	99	17.69	17.64	17.83	19	5
20	256QAM	50	0	17.83	17.61	17.76		
20	256QAM	50	24	17.69	17.70	17.67		
20	256QAM	50	50	17.77	17.70	17.76		
20	256QAM	100	0	17.69	17.73	17.72	Tune-up limit (dBm)	MPR (dB)
Channel				132047	132322	132597		
Frequency (MHz)				1717.5	1745	1772.5	24	0
15	QPSK	1	0	22.68	22.74	22.72		
15	QPSK	1	37	22.69	22.73	22.73		
15	QPSK	1	74	22.68	22.69	22.61	23	1
15	QPSK	36	0	21.82	21.95	21.72		
15	QPSK	36	20	21.81	21.78	21.73		
15	QPSK	36	39	21.95	21.75	21.75		
15	QPSK	75	0	21.70	21.84	21.77	23	1
15	16QAM	1	0	22.11	22.16	22.15		
15	16QAM	1	37	22.09	22.18	22.14		
15	16QAM	1	74	22.11	22.14	22.32	22	2
15	16QAM	36	0	20.97	20.84	20.70		
15	16QAM	36	20	20.83	20.86	20.90		
15	16QAM	36	39	20.81	20.74	20.84		
15	16QAM	75	0	20.70	20.79	20.65	22	2
15	64QAM	1	0	20.79	20.85	20.77		
15	64QAM	1	37	20.85	20.80	20.71		
15	64QAM	1	74	20.75	20.79	20.74	21	3
15	64QAM	36	0	19.94	19.91	19.76		
15	64QAM	36	20	19.89	19.80	19.90		
15	64QAM	36	39	20.01	19.98	19.92		
15	64QAM	75	0	19.75	19.93	19.87	19	5
15	256QAM	1	0	17.77	17.55	17.71		
15	256QAM	1	37	17.80	17.79	17.68		
15	256QAM	1	74	17.69	17.66	17.78	19	5
15	256QAM	36	0	17.81	17.65	17.82		
15	256QAM	36	20	17.73	17.69	17.65		
15	256QAM	36	39	17.72	17.69	17.76		
15	256QAM	75	0	17.70	17.72	17.75	Tune-up limit (dBm)	MPR (dB)
Channel				132022	132322	132622		
Frequency (MHz)				1715	1745	1775	24	0
10	QPSK	1	0	22.61	22.75	22.74		
10	QPSK	1	25	22.71	22.66	22.75		
10	QPSK	1	49	22.66	22.72	22.67	23	1
10	QPSK	25	0	21.81	21.94	21.77		
10	QPSK	25	12	21.86	21.72	21.76		
10	QPSK	25	25	21.97	21.78	21.78		

10	QPSK	50	0	21.75	21.89	21.84		
10	16QAM	1	0	22.12	22.06	22.09	23	1
10	16QAM	1	25	22.06	22.17	22.23		
10	16QAM	1	49	22.17	22.12	22.33		
10	16QAM	25	0	20.94	20.82	20.71	22	2
10	16QAM	25	12	20.77	20.81	20.93		
10	16QAM	25	25	20.85	20.73	20.76		
10	16QAM	50	0	20.75	20.78	20.66	22	2
10	64QAM	1	0	20.78	20.81	20.74		
10	64QAM	1	25	20.85	20.81	20.81		
10	64QAM	1	49	20.72	20.78	20.81	21	3
10	64QAM	25	0	20.03	19.85	19.75		
10	64QAM	25	12	19.82	19.82	19.85		
10	64QAM	25	25	20.03	19.93	19.92	19	5
10	64QAM	50	0	19.80	19.87	19.90		
10	256QAM	1	0	17.77	17.62	17.71		
10	256QAM	1	25	17.78	17.73	17.69	19	5
10	256QAM	1	49	17.63	17.66	17.85		
10	256QAM	25	0	17.77	17.63	17.78		
10	256QAM	25	12	17.75	17.75	17.67	19	5
10	256QAM	25	25	17.73	17.73	17.74		
10	256QAM	50	0	17.71	17.78	17.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.62	22.71	22.70	24	0
5	QPSK	1	12	22.72	22.65	22.69		
5	QPSK	1	24	22.68	22.73	22.61		
5	QPSK	12	0	21.75	21.98	21.68	23	1
5	QPSK	12	7	21.82	21.78	21.77		
5	QPSK	12	13	21.93	21.80	21.80		
5	QPSK	25	0	21.79	21.88	21.80	23	1
5	16QAM	1	0	22.13	22.09	22.16		
5	16QAM	1	12	22.01	22.14	22.21		
5	16QAM	1	24	22.10	22.13	22.34	22	2
5	16QAM	12	0	20.90	20.86	20.70		
5	16QAM	12	7	20.80	20.80	20.86		
5	16QAM	12	13	20.86	20.75	20.85	22	2
5	16QAM	25	0	20.71	20.82	20.68		
5	64QAM	1	0	20.78	20.82	20.77		
5	64QAM	1	12	20.82	20.78	20.80	21	3
5	64QAM	1	24	20.77	20.84	20.84		
5	64QAM	12	0	19.96	19.91	19.80		
5	64QAM	12	7	19.80	19.77	19.86	19	5
5	64QAM	12	13	20.04	19.98	19.89		
5	64QAM	25	0	19.73	19.92	19.94		
5	256QAM	1	0	17.76	17.59	17.71	19	5
5	256QAM	1	12	17.85	17.76	17.65		
5	256QAM	1	24	17.65	17.72	17.79		
5	256QAM	12	0	17.80	17.61	17.74	19	5
5	256QAM	12	7	17.71	17.65	17.62		
5	256QAM	12	13	17.70	17.69	17.70		
5	256QAM	25	0	17.65	17.73	17.69	Tune-up limit (dBm)	MPR (dB)
Channel				131987	132322	132657		
Frequency (MHz)				1711.5	1745	1778.5	24	0
3	QPSK	1	0	22.61	22.70	22.67		

3	QPSK	1	8	22.67	22.63	22.69	23	1
3	QPSK	1	14	22.67	22.70	22.68		
3	QPSK	8	0	21.72	21.89	21.71		
3	QPSK	8	4	21.88	21.73	21.70		
3	QPSK	8	7	21.92	21.79	21.81		
3	QPSK	15	0	21.75	21.82	21.82	23	1
3	16QAM	1	0	22.15	22.12	22.10		
3	16QAM	1	8	22.07	22.12	22.19		
3	16QAM	1	14	22.12	22.12	22.33	22	2
3	16QAM	8	0	20.96	20.88	20.76		
3	16QAM	8	4	20.82	20.81	20.86		
3	16QAM	8	7	20.86	20.82	20.83		
3	16QAM	15	0	20.72	20.78	20.70		
3	64QAM	1	0	20.85	20.86	20.75	22	2
3	64QAM	1	8	20.83	20.76	20.76		
3	64QAM	1	14	20.75	20.84	20.74		
3	64QAM	8	0	19.98	19.84	19.81	21	3
3	64QAM	8	4	19.83	19.79	19.91		
3	64QAM	8	7	19.96	19.91	19.87		
3	64QAM	15	0	19.73	19.90	19.92		
3	256QAM	1	0	17.69	17.62	17.72	19	5
3	256QAM	1	8	17.79	17.79	17.68		
3	256QAM	1	14	17.63	17.71	17.84		
3	256QAM	8	0	17.81	17.65	17.80	19	5
3	256QAM	8	4	17.67	17.66	17.68		
3	256QAM	8	7	17.73	17.75	17.74		
3	256QAM	15	0	17.68	17.73	17.75		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.60	22.77	22.58	24	0
1.4	QPSK	1	3	22.73	22.67	22.69		
1.4	QPSK	1	5	22.66	22.64	22.71		
1.4	QPSK	3	0	22.64	22.81	22.66		
1.4	QPSK	3	1	22.66	22.65	22.77		
1.4	QPSK	3	3	22.73	22.69	22.60		
1.4	QPSK	6	0	21.60	21.67	21.68	23	1
1.4	16QAM	1	0	21.76	21.62	21.69	23	1
1.4	16QAM	1	3	21.87	21.80	21.90		
1.4	16QAM	1	5	21.59	21.70	21.83		
1.4	16QAM	3	0	22.14	22.26	22.23		
1.4	16QAM	3	1	22.08	22.08	22.25		
1.4	16QAM	3	3	22.06	22.24	22.24		
1.4	16QAM	6	0	20.81	20.83	20.75	22	2
1.4	64QAM	1	0	20.78	20.74	20.82	22	2
1.4	64QAM	1	3	20.83	20.71	20.81		
1.4	64QAM	1	5	20.60	20.64	20.59		
1.4	64QAM	3	0	20.77	20.80	20.85		
1.4	64QAM	3	1	20.84	20.74	20.78		
1.4	64QAM	3	3	20.70	20.62	20.60		
1.4	64QAM	6	0	20.55	20.65	20.69	21	3
1.4	256QAM	1	0	17.82	17.70	17.67	19	5
1.4	256QAM	1	3	17.78	17.61	17.67		
1.4	256QAM	1	5	17.68	17.63	17.68		
1.4	256QAM	3	0	17.80	17.59	17.71		
1.4	256QAM	3	1	17.63	17.55	17.58		
1.4	256QAM	3	3	17.74	17.76	17.72		

1.4	256QAM	6	0	17.71	17.79	17.82	19	5
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Band 4 Ant 5 DSI0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.58	22.82	22.54	24	0
20	QPSK	1	49	22.56	22.51	22.67		
20	QPSK	1	99	22.50	22.59	22.47		
20	QPSK	50	0	21.71	21.87	21.59	23	1
20	QPSK	50	24	21.69	21.68	21.55		
20	QPSK	50	50	21.72	21.68	21.67		
20	QPSK	100	0	21.53	21.83	21.75	23	1
20	16QAM	1	0	22.02	22.08	22.04		
20	16QAM	1	49	21.85	21.91	22.01		
20	16QAM	1	99	22.02	21.95	22.19	22	2
20	16QAM	50	0	20.66	20.82	20.60		
20	16QAM	50	24	20.59	20.69	20.68		
20	16QAM	50	50	20.75	20.69	20.55	22	2
20	16QAM	100	0	20.53	20.71	20.53		
20	64QAM	1	0	20.71	20.64	20.67	22	2
20	64QAM	1	49	20.67	20.54	20.64		
20	64QAM	1	99	20.57	20.53	20.60		
20	64QAM	50	0	19.78	19.65	19.69	21	3
20	64QAM	50	24	19.71	19.78	19.79		
20	64QAM	50	50	19.95	19.72	19.81		
20	64QAM	100	0	19.59	19.78	19.71	19	5
20	256QAM	1	0	17.58	17.35	17.55		
20	256QAM	1	49	17.69	17.57	17.56		
20	256QAM	1	99	17.52	17.68	17.63	19	5
20	256QAM	50	0	17.68	17.59	17.71		
20	256QAM	50	24	17.49	17.50	17.41		
20	256QAM	50	50	17.67	17.63	17.66	19	5
20	256QAM	100	0	17.59	17.68	17.62		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.41	22.69	22.40	24	0
15	QPSK	1	37	22.43	22.38	22.59		
15	QPSK	1	74	22.42	22.44	22.34		
15	QPSK	36	0	21.64	21.72	21.48	23	1
15	QPSK	36	20	21.57	21.62	21.44		
15	QPSK	36	39	21.59	21.55	21.59		
15	QPSK	75	0	21.38	21.75	21.68	23	1
15	16QAM	1	0	21.84	22.01	21.90		
15	16QAM	1	37	21.71	21.75	21.87		
15	16QAM	1	74	21.92	21.85	22.05	22	2
15	16QAM	36	0	20.56	20.75	20.50		
15	16QAM	36	20	20.53	20.53	20.55		
15	16QAM	36	39	20.64	20.63	20.44	22	2
15	16QAM	75	0	20.35	20.64	20.43		
15	64QAM	1	0	20.53	20.46	20.53		
15	64QAM	1	37	20.53	20.46	20.47	22	2
15	64QAM	1	74	20.45	20.44	20.47		

15	64QAM	36	0	19.71	19.52	19.60	21	3
15	64QAM	36	20	19.56	19.62	19.71		
15	64QAM	36	39	19.84	19.56	19.73		
15	64QAM	75	0	19.49	19.62	19.63	19	5
15	256QAM	1	0	17.40	17.20	17.47		
15	256QAM	1	37	17.61	17.44	17.42		
15	256QAM	1	74	17.44	17.59	17.46	19	5
15	256QAM	36	0	17.62	17.41	17.65		
15	256QAM	36	20	17.37	17.43	17.32		
15	256QAM	36	39	17.50	17.46	17.49		
15	256QAM	75	0	17.41	17.53	17.53	Tune-up limit (dBm)	MPR (dB)
Channel				20000	20175	20350		
Frequency (MHz)				1715	1732.5	1750	24	0
10	QPSK	1	0	22.47	22.70	22.47		
10	QPSK	1	25	22.38	22.40	22.53		
10	QPSK	1	49	22.34	22.50	22.36	23	1
10	QPSK	25	0	21.64	21.71	21.42		
10	QPSK	25	12	21.55	21.59	21.48		
10	QPSK	25	25	21.65	21.54	21.56		
10	QPSK	50	0	21.37	21.72	21.68	23	1
10	16QAM	1	0	21.85	21.90	21.90		
10	16QAM	1	25	21.68	21.73	21.88		
10	16QAM	1	49	21.95	21.78	22.07	22	2
10	16QAM	25	0	20.50	20.66	20.44		
10	16QAM	25	12	20.52	20.58	20.61		
10	16QAM	25	25	20.68	20.62	20.39		
10	16QAM	50	0	20.45	20.58	20.41	22	2
10	64QAM	1	0	20.55	20.46	20.54		
10	64QAM	1	25	20.53	20.43	20.50		
10	64QAM	1	49	20.42	20.46	20.49	21	3
10	64QAM	25	0	19.65	19.56	19.54		
10	64QAM	25	12	19.54	19.71	19.72		
10	64QAM	25	25	19.79	19.57	19.63		
10	64QAM	50	0	19.42	19.64	19.53	19	5
10	256QAM	1	0	17.49	17.29	17.45		
10	256QAM	1	25	17.53	17.49	17.46		
10	256QAM	1	49	17.43	17.52	17.56	19	5
10	256QAM	25	0	17.61	17.42	17.64		
10	256QAM	25	12	17.32	17.40	17.33		
10	256QAM	25	25	17.53	17.55	17.59		
10	256QAM	50	0	17.44	17.59	17.53	Tune-up limit (dBm)	MPR (dB)
Channel				19975	20175	20375		
Frequency (MHz)				1712.5	1732.5	1752.5	24	0
5	QPSK	1	0	22.47	22.73	22.40		
5	QPSK	1	12	22.49	22.36	22.52		
5	QPSK	1	24	22.35	22.43	22.32	23	1
5	QPSK	12	0	21.64	21.79	21.46		
5	QPSK	12	7	21.59	21.54	21.39		
5	QPSK	12	13	21.63	21.52	21.52		
5	QPSK	25	0	21.39	21.68	21.65	23	1
5	16QAM	1	0	21.89	22.02	21.90		
5	16QAM	1	12	21.77	21.79	21.89		
5	16QAM	1	24	21.95	21.83	22.07	22	2
5	16QAM	12	0	20.49	20.69	20.42		
5	16QAM	12	7	20.47	20.61	20.58	Tune-up limit (dBm)	MPR (dB)
Channel				19975	20175	20375		
Frequency (MHz)				1712.5	1732.5	1752.5		

5	16QAM	12	13	20.65	20.59	20.40		
5	16QAM	25	0	20.45	20.64	20.43		
5	64QAM	1	0	20.56	20.51	20.49		
5	64QAM	1	12	20.51	20.43	20.53	22	2
5	64QAM	1	24	20.40	20.40	20.49	21	3
5	64QAM	12	0	19.69	19.53	19.58		
5	64QAM	12	7	19.55	19.66	19.66		
5	64QAM	12	13	19.85	19.60	19.65		
5	64QAM	25	0	19.53	19.67	19.65	19	5
5	256QAM	1	0	17.43	17.20	17.39		
5	256QAM	1	12	17.53	17.45	17.47		
5	256QAM	1	24	17.36	17.50	17.53	19	5
5	256QAM	12	0	17.59	17.42	17.62		
5	256QAM	12	7	17.39	17.35	17.32		
5	256QAM	12	13	17.56	17.49	17.49		
5	256QAM	25	0	17.45	17.56	17.46	Tune-up limit (dBm)	MPR (dB)
Channel				19965	20175	20385		
Frequency (MHz)				1711.5	1732.5	1753.5	24	0
3	QPSK	1	0	22.52	22.65	22.38		
3	QPSK	1	8	22.44	22.43	22.54		
3	QPSK	1	14	22.34	22.46	22.36	23	1
3	QPSK	8	0	21.61	21.73	21.49		
3	QPSK	8	4	21.58	21.50	21.38		
3	QPSK	8	7	21.61	21.52	21.58		
3	QPSK	15	0	21.36	21.75	21.58	23	1
3	16QAM	1	0	21.94	21.95	21.97		
3	16QAM	1	8	21.71	21.74	21.90		
3	16QAM	1	14	21.93	21.78	22.01	22	2
3	16QAM	8	0	20.54	20.73	20.44		
3	16QAM	8	4	20.50	20.51	20.52		
3	16QAM	8	7	20.66	20.55	20.45		
3	16QAM	15	0	20.38	20.63	20.43	22	2
3	64QAM	1	0	20.61	20.49	20.51		
3	64QAM	1	8	20.51	20.43	20.51		
3	64QAM	1	14	20.49	20.47	20.45	21	3
3	64QAM	8	0	19.62	19.52	19.60		
3	64QAM	8	4	19.64	19.68	19.70		
3	64QAM	8	7	19.87	19.64	19.65		
3	64QAM	15	0	19.50	19.72	19.64	19	5
3	256QAM	1	0	17.45	17.21	17.38		
3	256QAM	1	8	17.61	17.44	17.45		
3	256QAM	1	14	17.45	17.53	17.50	19	5
3	256QAM	8	0	17.58	17.53	17.57		
3	256QAM	8	4	17.39	17.35	17.34		
3	256QAM	8	7	17.53	17.57	17.49		
3	256QAM	15	0	17.47	17.53	17.50	Tune-up limit (dBm)	MPR (dB)
Channel				19957	20175	20393		
Frequency (MHz)				1710.7	1732.5	1754.3	24	0
1.4	QPSK	1	0	22.51	22.60	22.51		
1.4	QPSK	1	3	22.60	22.57	22.55		
1.4	QPSK	1	5	22.53	22.50	22.57		
1.4	QPSK	3	0	22.57	22.73	22.49		
1.4	QPSK	3	1	22.54	22.58	22.65		
1.4	QPSK	3	3	22.66	22.58	22.50	23	1
1.4	QPSK	6	0	21.48	21.52	21.61		

1.4	16QAM	1	0	21.69	21.46	21.57	23	1
1.4	16QAM	1	3	21.70	21.63	21.78		
1.4	16QAM	1	5	21.52	21.64	21.77		
1.4	16QAM	3	0	21.99	22.20	22.08		
1.4	16QAM	3	1	21.98	22.01	22.14		
1.4	16QAM	3	3	21.93	22.11	22.12	22	2
1.4	16QAM	6	0	20.75	20.72	20.63		
1.4	64QAM	1	0	20.62	20.63	20.70		
1.4	64QAM	1	3	20.75	20.53	20.72		
1.4	64QAM	1	5	20.54	20.50	20.48		
1.4	64QAM	3	0	20.60	20.74	20.67	21	3
1.4	64QAM	3	1	20.66	20.58	20.66		
1.4	64QAM	3	3	20.62	20.47	20.43		
1.4	64QAM	6	0	20.42	20.52	20.53		
1.4	256QAM	1	0	17.67	17.63	17.55	19	5
1.4	256QAM	1	3	17.61	17.49	17.58		
1.4	256QAM	1	5	17.55	17.46	17.52		
1.4	256QAM	3	0	17.71	17.51	17.55		
1.4	256QAM	3	1	17.54	17.47	17.51		
1.4	256QAM	3	3	17.66	17.59	17.64	19	5
1.4	256QAM	6	0	17.56	17.68	17.65		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572	24	0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.72	22.89	22.78		
20	QPSK	1	49	22.72	22.66	22.68	23	1
20	QPSK	1	99	22.69	22.72	22.60		
20	QPSK	50	0	21.82	21.90	21.70		
20	QPSK	50	24	21.78	21.71	21.78		
20	QPSK	50	50	21.88	21.83	21.81	23	1
20	QPSK	100	0	21.77	21.86	21.79		
20	16QAM	1	0	22.17	22.08	22.10		
20	16QAM	1	49	22.04	22.15	22.14		
20	16QAM	1	99	22.11	22.17	22.33	22	2
20	16QAM	50	0	20.94	20.83	20.71		
20	16QAM	50	24	20.81	20.79	20.89		
20	16QAM	50	50	20.82	20.73	20.75		
20	16QAM	100	0	20.78	20.80	20.62	22	2
20	64QAM	1	0	20.80	20.83	20.77		
20	64QAM	1	49	20.87	20.80	20.72		
20	64QAM	1	99	20.78	20.81	20.74		
20	64QAM	50	0	19.93	19.91	19.76	21	3
20	64QAM	50	24	19.85	19.78	19.86		
20	64QAM	50	50	20.01	19.99	19.87		
20	64QAM	100	0	19.80	19.95	19.87		
20	256QAM	1	0	17.70	17.58	17.70	19	5
20	256QAM	1	49	17.81	17.79	17.70		
20	256QAM	1	99	17.69	17.64	17.83		
20	256QAM	50	0	17.83	17.61	17.76	19	5
20	256QAM	50	24	17.69	17.70	17.67		
20	256QAM	50	50	17.77	17.70	17.76		
20	256QAM	100	0	17.69	17.73	17.72		

Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.68	22.74	22.72	24	0
15	QPSK	1	37	22.69	22.73	22.73		
15	QPSK	1	74	22.68	22.69	22.61		
15	QPSK	36	0	21.82	21.95	21.72	23	1
15	QPSK	36	20	21.81	21.78	21.73		
15	QPSK	36	39	21.95	21.75	21.75		
15	QPSK	75	0	21.70	21.84	21.77	23	1
15	16QAM	1	0	22.11	22.16	22.15		
15	16QAM	1	37	22.09	22.18	22.14		
15	16QAM	1	74	22.11	22.14	22.32	22	2
15	16QAM	36	0	20.97	20.84	20.70		
15	16QAM	36	20	20.83	20.86	20.90		
15	16QAM	36	39	20.81	20.74	20.84	22	2
15	16QAM	75	0	20.70	20.79	20.65		
15	64QAM	1	0	20.79	20.85	20.77		
15	64QAM	1	37	20.85	20.80	20.71	22	2
15	64QAM	1	74	20.75	20.79	20.74		
15	64QAM	36	0	19.94	19.91	19.76		
15	64QAM	36	20	19.89	19.80	19.90	21	3
15	64QAM	36	39	20.01	19.98	19.92		
15	64QAM	75	0	19.75	19.93	19.87		
15	256QAM	1	0	17.77	17.55	17.71	19	5
15	256QAM	1	37	17.80	17.79	17.68		
15	256QAM	1	74	17.69	17.66	17.78		
15	256QAM	36	0	17.81	17.65	17.82	19	5
15	256QAM	36	20	17.73	17.69	17.65		
15	256QAM	36	39	17.72	17.69	17.76		
15	256QAM	75	0	17.70	17.72	17.75		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.61	22.75	22.74	24	0
10	QPSK	1	25	22.71	22.66	22.75		
10	QPSK	1	49	22.66	22.72	22.67		
10	QPSK	25	0	21.81	21.94	21.77	23	1
10	QPSK	25	12	21.86	21.72	21.76		
10	QPSK	25	25	21.97	21.78	21.78		
10	QPSK	50	0	21.75	21.89	21.84	23	1
10	16QAM	1	0	22.12	22.06	22.09		
10	16QAM	1	25	22.06	22.17	22.23		
10	16QAM	1	49	22.17	22.12	22.33	22	2
10	16QAM	25	0	20.94	20.82	20.71		
10	16QAM	25	12	20.77	20.81	20.93		
10	16QAM	25	25	20.85	20.73	20.76	22	2
10	16QAM	50	0	20.75	20.78	20.66		
10	64QAM	1	0	20.78	20.81	20.74		
10	64QAM	1	25	20.85	20.81	20.81	22	2
10	64QAM	1	49	20.72	20.78	20.81		
10	64QAM	25	0	20.03	19.85	19.75		
10	64QAM	25	12	19.82	19.82	19.85	21	3
10	64QAM	25	25	20.03	19.93	19.92		
10	64QAM	50	0	19.80	19.87	19.90		
10	256QAM	1	0	17.77	17.62	17.71	19	5
10	256QAM	1	25	17.78	17.73	17.69		

10	256QAM	1	49	17.63	17.66	17.85		
10	256QAM	25	0	17.77	17.63	17.78	19	5
10	256QAM	25	12	17.75	17.75	17.67		
10	256QAM	25	25	17.73	17.73	17.74		
10	256QAM	50	0	17.71	17.78	17.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.62	22.71	22.70	24	0
5	QPSK	1	12	22.72	22.65	22.69		
5	QPSK	1	24	22.68	22.73	22.61		
5	QPSK	12	0	21.75	21.98	21.68	23	1
5	QPSK	12	7	21.82	21.78	21.77		
5	QPSK	12	13	21.93	21.80	21.80		
5	QPSK	25	0	21.79	21.88	21.80		
5	16QAM	1	0	22.13	22.09	22.16	23	1
5	16QAM	1	12	22.01	22.14	22.21		
5	16QAM	1	24	22.10	22.13	22.34		
5	16QAM	12	0	20.90	20.86	20.70	22	2
5	16QAM	12	7	20.80	20.80	20.86		
5	16QAM	12	13	20.86	20.75	20.85		
5	16QAM	25	0	20.71	20.82	20.68		
5	64QAM	1	0	20.78	20.82	20.77	22	2
5	64QAM	1	12	20.82	20.78	20.80		
5	64QAM	1	24	20.77	20.84	20.84		
5	64QAM	12	0	19.96	19.91	19.80	21	3
5	64QAM	12	7	19.80	19.77	19.86		
5	64QAM	12	13	20.04	19.98	19.89		
5	64QAM	25	0	19.73	19.92	19.94		
5	256QAM	1	0	17.76	17.59	17.71	19	5
5	256QAM	1	12	17.85	17.76	17.65		
5	256QAM	1	24	17.65	17.72	17.79		
5	256QAM	12	0	17.80	17.61	17.74	19	5
5	256QAM	12	7	17.71	17.65	17.62		
5	256QAM	12	13	17.70	17.69	17.70		
5	256QAM	25	0	17.65	17.73	17.69		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.61	22.70	22.67	24	0
3	QPSK	1	8	22.67	22.63	22.69		
3	QPSK	1	14	22.67	22.70	22.68		
3	QPSK	8	0	21.72	21.89	21.71	23	1
3	QPSK	8	4	21.88	21.73	21.70		
3	QPSK	8	7	21.92	21.79	21.81		
3	QPSK	15	0	21.75	21.82	21.82		
3	16QAM	1	0	22.15	22.12	22.10	23	1
3	16QAM	1	8	22.07	22.12	22.19		
3	16QAM	1	14	22.12	22.12	22.33		
3	16QAM	8	0	20.96	20.88	20.76	22	2
3	16QAM	8	4	20.82	20.81	20.86		
3	16QAM	8	7	20.86	20.82	20.83		
3	16QAM	15	0	20.72	20.78	20.70		
3	64QAM	1	0	20.85	20.86	20.75	22	2
3	64QAM	1	8	20.83	20.76	20.76		
3	64QAM	1	14	20.75	20.84	20.74		
3	64QAM	8	0	19.98	19.84	19.81	21	3

3	64QAM	8	4	19.83	19.79	19.91		
3	64QAM	8	7	19.96	19.91	19.87		
3	64QAM	15	0	19.73	19.90	19.92		
3	256QAM	1	0	17.69	17.62	17.72	19	5
3	256QAM	1	8	17.79	17.79	17.68		
3	256QAM	1	14	17.63	17.71	17.84		
3	256QAM	8	0	17.81	17.65	17.80	19	5
3	256QAM	8	4	17.67	17.66	17.68		
3	256QAM	8	7	17.73	17.75	17.74		
3	256QAM	15	0	17.68	17.73	17.75		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.60	22.77	22.58	24	0
1.4	QPSK	1	3	22.73	22.67	22.69		
1.4	QPSK	1	5	22.66	22.64	22.71		
1.4	QPSK	3	0	22.64	22.81	22.66		
1.4	QPSK	3	1	22.66	22.65	22.77		
1.4	QPSK	3	3	22.73	22.69	22.60		
1.4	QPSK	6	0	21.60	21.67	21.68	23	1
1.4	16QAM	1	0	21.76	21.62	21.69	23	1
1.4	16QAM	1	3	21.87	21.80	21.90		
1.4	16QAM	1	5	21.59	21.70	21.83		
1.4	16QAM	3	0	22.14	22.26	22.23		
1.4	16QAM	3	1	22.08	22.08	22.25		
1.4	16QAM	3	3	22.06	22.24	22.24		
1.4	16QAM	6	0	20.81	20.83	20.75	22	2
1.4	64QAM	1	0	20.78	20.74	20.82	22	2
1.4	64QAM	1	3	20.83	20.71	20.81		
1.4	64QAM	1	5	20.60	20.64	20.59		
1.4	64QAM	3	0	20.77	20.80	20.85		
1.4	64QAM	3	1	20.84	20.74	20.78		
1.4	64QAM	3	3	20.70	20.62	20.60		
1.4	64QAM	6	0	20.55	20.65	20.69	21	3
1.4	256QAM	1	0	17.82	17.70	17.67	19	5
1.4	256QAM	1	3	17.78	17.61	17.67		
1.4	256QAM	1	5	17.68	17.63	17.68		
1.4	256QAM	3	0	17.80	17.59	17.71		
1.4	256QAM	3	1	17.63	17.55	17.58		
1.4	256QAM	3	3	17.74	17.76	17.72		
1.4	256QAM	6	0	17.71	17.79	17.82	19	5

Band 7 Ant 3 DSI0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.99	21.12	20.89	22.4	0
20	QPSK	1	49	20.79	20.95	20.86		
20	QPSK	1	99	20.79	20.93	20.96		
20	QPSK	50	0	20.64	20.70	20.63	22.4	0
20	QPSK	50	24	20.67	20.69	20.67		
20	QPSK	50	50	20.54	20.68	20.66		
20	QPSK	100	0	20.52	20.68	20.51		
20	16QAM	1	0	20.88	21.01	20.83	22.4	0

20	16QAM	1	49	21.00	21.13	21.04		
20	16QAM	1	99	21.11	21.02	21.02		
20	16QAM	50	0	20.72	20.84	20.71		
20	16QAM	50	24	20.52	20.60	20.53		
20	16QAM	50	50	20.58	20.77	20.55	22.4	0
20	16QAM	100	0	20.68	20.68	20.55		
20	64QAM	1	0	20.65	20.78	20.58		
20	64QAM	1	49	20.80	20.93	20.89		
20	64QAM	1	99	20.75	20.87	20.87	22.4	0
20	64QAM	50	0	20.69	20.72	20.85		
20	64QAM	50	24	20.43	20.62	20.59		
20	64QAM	50	50	20.51	20.68	20.54		
20	64QAM	100	0	20.55	20.68	20.61	22	0.4
20	256QAM	1	0	18.24	18.35	18.35		
20	256QAM	1	49	18.31	18.30	18.40		
20	256QAM	1	99	18.25	18.41	18.25		
20	256QAM	50	0	18.10	18.28	18.27	20	2.4
20	256QAM	50	24	18.12	18.28	18.18		
20	256QAM	50	50	18.20	18.18	18.16		
20	256QAM	100	0	18.21	18.42	18.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.88	21.04	20.80	22.4	0
15	QPSK	1	37	20.66	20.87	20.80		
15	QPSK	1	74	20.66	20.85	20.85		
15	QPSK	36	0	20.58	20.57	20.52	22.4	0
15	QPSK	36	20	20.57	20.55	20.54		
15	QPSK	36	39	20.41	20.58	20.54		
15	QPSK	75	0	20.42	20.60	20.43	22.4	0
15	16QAM	1	0	20.75	20.88	20.71		
15	16QAM	1	37	20.86	21.04	20.96		
15	16QAM	1	74	20.98	20.91	20.88	22.4	0
15	16QAM	36	0	20.60	20.78	20.64		
15	16QAM	36	20	20.40	20.47	20.40		
15	16QAM	36	39	20.44	20.72	20.44	22.4	0
15	16QAM	75	0	20.63	20.55	20.48		
15	64QAM	1	0	20.51	20.65	20.44		
15	64QAM	1	37	20.68	20.80	20.78	22.4	0
15	64QAM	1	74	20.68	20.79	20.78		
15	64QAM	36	0	20.56	20.58	20.77		
15	64QAM	36	20	20.36	20.52	20.46	22	0.4
15	64QAM	36	39	20.40	20.53	20.40		
15	64QAM	75	0	20.43	20.55	20.55		
15	256QAM	1	0	18.16	18.21	18.21	20	2.4
15	256QAM	1	37	18.23	18.19	18.27		
15	256QAM	1	74	18.15	18.36	18.17		
15	256QAM	36	0	18.01	18.22	18.16	20	2.4
15	256QAM	36	20	18.00	18.17	18.07		
15	256QAM	36	39	18.10	18.10	18.11		
15	256QAM	75	0	18.13	18.35	18.06	Tune-up limit (dBm)	MPR (dB)
Channel				20800	21100	21400		
Frequency (MHz)				2505	2535	2565	22.4	0
10	QPSK	1	0	20.91	21.00	20.76		
10	QPSK	1	25	20.66	20.90	20.77		
10	QPSK	1	49	20.66	20.82	20.87		

10	QPSK	25	0	20.51	20.60	20.50	22.4	0
10	QPSK	25	12	20.55	20.61	20.60		
10	QPSK	25	25	20.40	20.59	20.57		
10	QPSK	50	0	20.47	20.61	20.40		
10	16QAM	1	0	20.75	20.89	20.68	22.4	0
10	16QAM	1	25	20.89	21.05	20.97		
10	16QAM	1	49	20.98	20.92	20.96		
10	16QAM	25	0	20.65	20.69	20.66	22.4	0
10	16QAM	25	12	20.43	20.49	20.47		
10	16QAM	25	25	20.52	20.72	20.48		
10	16QAM	50	0	20.61	20.53	20.47		
10	64QAM	1	0	20.50	20.66	20.50	22.4	0
10	64QAM	1	25	20.67	20.87	20.81		
10	64QAM	1	49	20.68	20.81	20.80		
10	64QAM	25	0	20.61	20.66	20.73	22	0.4
10	64QAM	25	12	20.36	20.54	20.52		
10	64QAM	25	25	20.44	20.54	20.44		
10	64QAM	50	0	20.44	20.58	20.55		
10	256QAM	1	0	18.18	18.20	18.25	20	2.4
10	256QAM	1	25	18.18	18.22	18.35		
10	256QAM	1	49	18.13	18.34	18.12		
10	256QAM	25	0	18.01	18.14	18.18	20	2.4
10	256QAM	25	12	18.04	18.13	18.04		
10	256QAM	25	25	18.06	18.08	18.03		
10	256QAM	50	0	18.16	18.34	18.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.87	20.99	20.83	22.4	0
5	QPSK	1	12	20.66	20.84	20.76		
5	QPSK	1	24	20.68	20.88	20.90		
5	QPSK	12	0	20.49	20.58	20.51	22.4	0
5	QPSK	12	7	20.60	20.62	20.62		
5	QPSK	12	13	20.48	20.60	20.55		
5	QPSK	25	0	20.44	20.60	20.44		
5	16QAM	1	0	20.82	20.92	20.74	22.4	0
5	16QAM	1	12	20.93	21.04	20.98		
5	16QAM	1	24	20.99	20.91	20.94		
5	16QAM	12	0	20.59	20.78	20.65	22.4	0
5	16QAM	12	7	20.40	20.53	20.48		
5	16QAM	12	13	20.43	20.68	20.43		
5	16QAM	25	0	20.59	20.58	20.44		
5	64QAM	1	0	20.59	20.72	20.46	22.4	0
5	64QAM	1	12	20.70	20.86	20.79		
5	64QAM	1	24	20.65	20.81	20.79		
5	64QAM	12	0	20.60	20.60	20.76	22	0.4
5	64QAM	12	7	20.29	20.50	20.53		
5	64QAM	12	13	20.37	20.61	20.43		
5	64QAM	25	0	20.40	20.58	20.48		
5	256QAM	1	0	18.13	18.29	18.25	20	2.4
5	256QAM	1	12	18.20	18.15	18.35		
5	256QAM	1	24	18.17	18.28	18.18		
5	256QAM	12	0	18.00	18.17	18.15	20	2.4
5	256QAM	12	7	18.07	18.17	18.07		
5	256QAM	12	13	18.14	18.05	18.05		
5	256QAM	25	0	18.16	18.34	18.07		

Reduced Power Mode for DSI 1

Band 5 Ant 0 DSI1

BW [MHz]	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	22.74	22.84	22.79	24	0
10	QPSK	1	25	22.79	22.78	22.81		
10	QPSK	1	49	22.80	22.83	22.74		
10	QPSK	25	0	21.87	22.04	21.83	23	1
10	QPSK	25	12	21.93	21.85	21.85		
10	QPSK	25	25	22.02	21.89	21.90		
10	QPSK	50	0	21.85	21.96	21.90	23	1
10	16QAM	1	0	22.22	22.21	22.23		
10	16QAM	1	25	22.15	22.25	22.28		
10	16QAM	1	49	22.24	22.23	22.42	22	2
10	16QAM	25	0	21.03	20.95	20.84		
10	16QAM	25	12	20.91	20.92	20.98		
10	16QAM	25	25	20.94	20.88	20.90	22	2
10	16QAM	50	0	20.84	20.90	20.75		
10	64QAM	1	0	20.92	20.94	20.87		
10	64QAM	1	25	20.95	20.89	20.86	22	2
10	64QAM	1	49	20.84	20.90	20.89		
10	64QAM	25	0	20.08	19.97	19.88		
10	64QAM	25	12	19.94	19.92	19.98	21	3
10	64QAM	25	25	20.10	20.05	19.99		
10	64QAM	50	0	19.86	20.00	20.00		
10	256QAM	1	0	17.83	17.69	17.82	19	5
10	256QAM	1	25	17.91	17.85	17.79		
10	256QAM	1	49	17.77	17.79	17.91		
10	256QAM	25	0	17.91	17.74	17.87	19	5
10	256QAM	25	12	17.81	17.80	17.75		
10	256QAM	25	25	17.82	17.83	17.82		
10	256QAM	50	0	17.79	17.85	17.83		
Channel				20425	20525	20625		
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.54	22.62	22.56	24	0
5	QPSK	1	12	22.54	22.65	22.65		
5	QPSK	1	24	22.56	22.66	22.56		
5	QPSK	12	0	21.71	21.88	21.69	23	1
5	QPSK	12	7	21.75	21.72	21.65		
5	QPSK	12	13	21.83	21.72	21.73		
5	QPSK	25	0	21.60	21.72	21.76	23	1
5	16QAM	1	0	22.08	22.05	21.98		
5	16QAM	1	12	21.98	22.02	22.13		
5	16QAM	1	24	22.03	22.04	22.21	22	2
5	16QAM	12	0	20.90	20.75	20.65		
5	16QAM	12	7	20.72	20.76	20.85		
5	16QAM	12	13	20.81	20.77	20.78	22	2
5	16QAM	25	0	20.68	20.77	20.60		
5	64QAM	1	0	20.78	20.83	20.63		
5	64QAM	1	12	20.70	20.70	20.73	22	2
5	64QAM	1	24	20.68	20.67	20.77		
5	64QAM	12	0	19.91	19.84	19.66		
5	64QAM	12	7	19.78	19.73	19.75	21	3

5	64QAM	12	13	19.89	19.92	19.78		
5	64QAM	25	0	19.68	19.77	19.76		
5	256QAM	1	0	17.62	17.47	17.59		
5	256QAM	1	12	17.72	17.67	17.65	19	5
5	256QAM	1	24	17.66	17.56	17.79	19	5
5	256QAM	12	0	17.73	17.50	17.63		
5	256QAM	12	7	17.71	17.65	17.64		
5	256QAM	12	13	17.61	17.62	17.65		
5	256QAM	25	0	17.66	17.62	17.62	Tune-up limit (dBm)	MPR (dB)
Channel				20415	20525	20635		
Frequency (MHz)				825.5	836.5	847.5	24	0
3	QPSK	1	0	22.60	22.67	22.59		
3	QPSK	1	8	22.56	22.57	22.62		
3	QPSK	1	14	22.61	22.62	22.63	23	1
3	QPSK	8	0	21.75	21.91	21.60		
3	QPSK	8	4	21.82	21.71	21.73		
3	QPSK	8	7	21.86	21.69	21.74		
3	QPSK	15	0	21.61	21.72	21.76	23	1
3	16QAM	1	0	22.09	22.09	22.00		
3	16QAM	1	8	21.94	22.09	22.10		
3	16QAM	1	14	22.01	21.99	22.26	22	2
3	16QAM	8	0	20.81	20.80	20.61		
3	16QAM	8	4	20.71	20.73	20.87		
3	16QAM	8	7	20.83	20.74	20.74		
3	16QAM	15	0	20.66	20.78	20.56	22	2
3	64QAM	1	0	20.76	20.69	20.69		
3	64QAM	1	8	20.85	20.65	20.61		
3	64QAM	1	14	20.62	20.73	20.72	21	3
3	64QAM	8	0	19.97	19.84	19.64		
3	64QAM	8	4	19.69	19.79	19.77		
3	64QAM	8	7	19.86	19.93	19.77		
3	64QAM	15	0	19.64	19.83	19.88	19	5
3	256QAM	1	0	17.62	17.53	17.71		
3	256QAM	1	8	17.81	17.71	17.56		
3	256QAM	1	14	17.58	17.66	17.77	19	5
3	256QAM	8	0	17.67	17.49	17.62		
3	256QAM	8	4	17.66	17.65	17.62		
3	256QAM	8	7	17.62	17.70	17.64		
3	256QAM	15	0	17.55	17.65	17.59	Tune-up limit (dBm)	MPR (dB)
Channel				20407	20525	20643		
Frequency (MHz)				824.7	836.5	848.3	24	0
1.4	QPSK	1	0	22.47	22.61	22.43		
1.4	QPSK	1	3	22.56	22.52	22.40		
1.4	QPSK	1	5	22.60	22.44	22.47		
1.4	QPSK	3	0	22.44	22.64	22.45		
1.4	QPSK	3	1	22.46	22.60	22.50		
1.4	QPSK	3	3	22.44	22.51	22.45	23	1
1.4	QPSK	6	0	21.43	21.47	21.48		
1.4	16QAM	1	0	21.62	21.42	21.46	23	1
1.4	16QAM	1	3	21.80	21.70	21.78		
1.4	16QAM	1	5	21.40	21.60	21.73		
1.4	16QAM	3	0	22.04	22.08	21.98		
1.4	16QAM	3	1	21.96	21.91	22.00		
1.4	16QAM	3	3	21.84	22.05	22.15		
1.4	16QAM	6	0	20.57	20.58	20.69	22	2

1.4	64QAM	1	0	20.69	20.51	20.77	22	2
1.4	64QAM	1	3	20.64	20.61	20.66		
1.4	64QAM	1	5	20.51	20.46	20.48		
1.4	64QAM	3	0	20.51	20.57	20.65		
1.4	64QAM	3	1	20.69	20.51	20.76		
1.4	64QAM	3	3	20.61	20.63	20.65	19	5
1.4	64QAM	6	0	20.36	20.51	20.51		
1.4	256QAM	1	0	17.64	17.53	17.52		
1.4	256QAM	1	3	17.58	17.53	17.44		
1.4	256QAM	1	5	17.55	17.53	17.47		
1.4	256QAM	3	0	17.71	17.58	17.40		
1.4	256QAM	3	1	17.51	17.49	17.46		
1.4	256QAM	3	3	17.59	17.50	17.59	19	5
1.4	256QAM	6	0	17.50	17.57	17.65		

Band 13 Ant 0 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23230				
Frequency (MHz)				782				
10	QPSK	1	0		22.78		24	0
10	QPSK	1	25		22.68			
10	QPSK	1	49		22.77			
10	QPSK	25	0		22.03		23	1
10	QPSK	25	12		21.81			
10	QPSK	25	25		21.87			
10	QPSK	50	0		21.94		23	1
10	16QAM	1	0		22.14			
10	16QAM	1	25		22.21			
10	16QAM	1	49		22.23		22	2
10	16QAM	25	0		20.82			
10	16QAM	25	12		20.81			
10	16QAM	25	25		20.85		22	2
10	16QAM	50	0		20.81			
10	64QAM	1	0		20.86			
10	64QAM	1	25		20.89		22	2
10	64QAM	1	49		20.89			
10	64QAM	25	0		19.94			
10	64QAM	25	12		19.85		21	3
10	64QAM	25	25		19.93			
10	64QAM	50	0		19.97			
10	256QAM	1	0		17.66		19	5
10	256QAM	1	25		17.80			
10	256QAM	1	49		17.69			
10	256QAM	25	0		17.67		19	5
10	256QAM	25	12		17.73			
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.80			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.60	22.67	22.60	24	0
5	QPSK	1	12	22.55	22.55	22.59		
5	QPSK	1	24	22.67	22.64	22.63		
5	QPSK	12	0	21.67	21.93	21.65	23	1

5	QPSK	12	7	21.83	21.66	21.72		
5	QPSK	12	13	21.82	21.77	21.73		
5	QPSK	25	0	21.73	21.81	21.70		
5	16QAM	1	0	22.11	22.07	22.12	23	1
5	16QAM	1	12	21.96	22.14	22.15		
5	16QAM	1	24	22.08	22.05	22.18		
5	16QAM	12	0	20.82	20.85	20.65	22	2
5	16QAM	12	7	20.72	20.76	20.78		
5	16QAM	12	13	20.82	20.67	20.71		
5	16QAM	25	0	20.66	20.76	20.58	22	2
5	64QAM	1	0	20.74	20.82	20.62		
5	64QAM	1	12	20.80	20.74	20.70		
5	64QAM	1	24	20.72	20.70	20.74	21	3
5	64QAM	12	0	19.93	19.73	19.64		
5	64QAM	12	7	19.80	19.71	19.75		
5	64QAM	12	13	19.87	19.92	19.78	19	5
5	64QAM	25	0	19.66	19.82	19.80		
5	256QAM	1	0	17.58	17.56	17.72		
5	256QAM	1	12	17.78	17.67	17.68	19	5
5	256QAM	1	24	17.63	17.69	17.78		
5	256QAM	12	0	17.80	17.51	17.75		
5	256QAM	12	7	17.63	17.65	17.64	19	5
5	256QAM	12	13	17.59	17.60	17.69		
5	256QAM	25	0	17.65	17.65	17.66		

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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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.70	22.75	22.68	24	0
10	QPSK	1	25	22.69	22.65	22.67		
10	QPSK	1	49	22.73	22.73	22.61		
10	QPSK	25	0	21.76	21.94	21.69	23	1
10	QPSK	25	12	21.90	21.83	21.83		
10	QPSK	25	25	21.66	21.74	21.84		
10	QPSK	50	0	21.80	21.91	21.89	23	1
10	16QAM	1	0	22.19	22.16	22.10		
10	16QAM	1	25	22.00	22.20	22.15		
10	16QAM	1	49	22.18	22.11	22.33	22	2
10	16QAM	25	0	20.91	20.92	20.71		
10	16QAM	25	12	20.79	20.89	20.83		
10	16QAM	25	25	20.90	20.79	20.83	22	2
10	16QAM	50	0	20.71	20.84	20.62		
10	64QAM	1	0	20.89	20.83	20.80		
10	64QAM	1	25	20.84	20.82	20.77	21	3
10	64QAM	1	49	20.80	20.80	20.81		
10	64QAM	25	0	20.07	19.90	19.80		
10	64QAM	25	12	19.88	19.77	19.94	19	5
10	64QAM	25	25	19.98	19.93	19.89		
10	64QAM	50	0	19.83	19.97	19.95		
10	256QAM	1	0	17.76	17.54	17.74	19	5
10	256QAM	1	25	17.78	17.83	17.72		
10	256QAM	1	49	17.65	17.76	17.81		
10	256QAM	25	0	17.84	17.61	17.78	19	5

10	256QAM	25	12	17.68	17.78	17.75		
10	256QAM	25	25	17.71	17.79	17.68		
10	256QAM	50	0	17.77	17.83	17.78		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.63	22.69	22.66	24	0
5	QPSK	1	12	22.65	22.59	22.65		
5	QPSK	1	24	22.67	22.59	22.63		
5	QPSK	12	0	21.73	21.85	21.65	23	1
5	QPSK	12	7	21.75	21.63	21.61		
5	QPSK	12	13	21.89	21.67	21.67		
5	QPSK	25	0	21.61	21.84	21.79	23	1
5	16QAM	1	0	21.97	22.02	22.12		
5	16QAM	1	12	21.96	22.07	22.17		
5	16QAM	1	24	22.09	22.02	22.32	22	2
5	16QAM	12	0	20.79	20.77	20.63		
5	16QAM	12	7	20.75	20.73	20.82		
5	16QAM	12	13	20.70	20.65	20.72	22	2
5	16QAM	25	0	20.60	20.66	20.57		
5	64QAM	1	0	20.74	20.75	20.64		
5	64QAM	1	12	20.71	20.70	20.64	22	2
5	64QAM	1	24	20.66	20.66	20.76		
5	64QAM	12	0	19.89	19.85	19.77		
5	64QAM	12	7	19.77	19.75	19.88	21	3
5	64QAM	12	13	19.91	19.81	19.83		
5	64QAM	25	0	19.69	19.84	19.80		
5	256QAM	1	0	17.73	17.51	17.71	19	5
5	256QAM	1	12	17.74	17.63	17.65		
5	256QAM	1	24	17.55	17.60	17.75		
5	256QAM	12	0	17.69	17.61	17.63	19	5
5	256QAM	12	7	17.68	17.63	17.54		
5	256QAM	12	13	17.62	17.70	17.63		
5	256QAM	25	0	17.64	17.65	17.71		

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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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.84	23.04	22.89	24	0
15	QPSK	1	37	22.97	22.91	22.96		
15	QPSK	1	74	22.99	22.93	22.84		
15	QPSK	36	0	22.06	22.24	21.89	23	1
15	QPSK	36	20	22.00	22.05	21.94		
15	QPSK	36	39	22.20	22.09	21.97		
15	QPSK	75	0	22.04	22.14	21.99	23	1
15	16QAM	1	0	22.40	22.34	22.41		
15	16QAM	1	37	22.33	22.36	22.45		
15	16QAM	1	74	22.43	22.36	22.48	22	2
15	16QAM	36	0	21.23	21.14	20.95		
15	16QAM	36	20	21.04	21.09	21.12		
15	16QAM	36	39	21.09	21.05	21.07	22	2
15	16QAM	75	0	20.91	21.04	20.87		
15	64QAM	1	0	21.09	21.11	20.93	22	2

15	64QAM	1	37	21.11	21.05	21.01	21	3
15	64QAM	1	74	20.99	20.98	21.04		
15	64QAM	36	0	20.22	20.06	20.06		
15	64QAM	36	20	20.06	20.06	20.11		
15	64QAM	36	39	20.18	20.18	20.14		
15	64QAM	75	0	19.95	20.11	20.09	19	5
15	256QAM	1	0	17.94	17.76	17.98		
15	256QAM	1	37	18.02	17.99	17.96		
15	256QAM	1	74	17.82	17.84	18.08	19	5
15	256QAM	36	0	18.11	17.93	17.94		
15	256QAM	36	20	17.91	17.86	17.94		
15	256QAM	36	39	17.92	17.89	17.90		
15	256QAM	75	0	17.93	17.97	17.96		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.68	22.74	22.73	24	0
10	QPSK	1	25	22.69	22.68	22.71		
10	QPSK	1	49	22.80	22.82	22.62		
10	QPSK	25	0	21.84	21.93	21.70	23	1
10	QPSK	25	12	21.90	21.85	21.81		
10	QPSK	25	25	21.93	21.85	21.81		
10	QPSK	50	0	21.80	21.82	21.77		
10	16QAM	1	0	22.12	22.06	22.23	23	1
10	16QAM	1	25	22.09	22.23	22.18		
10	16QAM	1	49	22.11	22.15	22.36		
10	16QAM	25	0	20.93	20.80	20.73	22	2
10	16QAM	25	12	20.91	20.77	20.85		
10	16QAM	25	25	20.85	20.81	20.81		
10	16QAM	50	0	20.80	20.75	20.67		
10	64QAM	1	0	20.86	20.88	20.78	22	2
10	64QAM	1	25	20.94	20.89	20.82		
10	64QAM	1	49	20.73	20.84	20.75		
10	64QAM	25	0	20.00	19.96	19.83	21	3
10	64QAM	25	12	19.93	19.88	19.90		
10	64QAM	25	25	19.97	19.93	19.91		
10	64QAM	50	0	19.77	19.93	19.93		
10	256QAM	1	0	17.78	17.66	17.68	19	5
10	256QAM	1	25	17.80	17.78	17.73		
10	256QAM	1	49	17.71	17.72	17.88		
10	256QAM	25	0	17.83	17.70	17.84	19	5
10	256QAM	25	12	17.72	17.76	17.66		
10	256QAM	25	25	17.77	17.73	17.70		
10	256QAM	50	0	17.64	17.74	17.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.63	22.80	22.65	24	0
5	QPSK	1	12	22.70	22.69	22.78		
5	QPSK	1	24	22.76	22.73	22.64		
5	QPSK	12	0	21.74	21.96	21.78	23	1
5	QPSK	12	7	21.90	21.78	21.78		
5	QPSK	12	13	22.00	21.85	21.84		
5	QPSK	25	0	21.78	21.84	21.90		
5	16QAM	1	0	22.20	22.21	22.12	23	1
5	16QAM	1	12	22.08	22.21	22.14		
5	16QAM	1	24	22.18	22.22	22.35		

5	16QAM	12	0	21.02	20.81	20.71	22	2
5	16QAM	12	7	20.79	20.82	20.95		
5	16QAM	12	13	20.85	20.79	20.89		
5	16QAM	25	0	20.83	20.76	20.61		
5	64QAM	1	0	20.81	20.90	20.79	22	2
5	64QAM	1	12	20.81	20.88	20.79		
5	64QAM	1	24	20.78	20.83	20.83		
5	64QAM	12	0	20.05	19.95	19.80	21	3
5	64QAM	12	7	19.86	19.86	19.91		
5	64QAM	12	13	19.99	19.91	19.91		
5	64QAM	25	0	19.83	19.95	19.99		
5	256QAM	1	0	17.80	17.66	17.76	19	5
5	256QAM	1	12	17.90	17.85	17.75		
5	256QAM	1	24	17.66	17.67	17.83		
5	256QAM	12	0	17.85	17.71	17.78	19	5
5	256QAM	12	7	17.68	17.67	17.65		
5	256QAM	12	13	17.71	17.75	17.68		
5	256QAM	25	0	17.65	17.84	17.70		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.61	22.82	22.70	24	0
3	QPSK	1	8	22.68	22.67	22.75		
3	QPSK	1	14	22.77	22.68	22.69		
3	QPSK	8	0	21.79	22.03	21.74	23	1
3	QPSK	8	4	21.89	21.80	21.82		
3	QPSK	8	7	21.90	21.86	21.79		
3	QPSK	15	0	21.79	21.87	21.86		
3	16QAM	1	0	22.22	22.10	22.08	23	1
3	16QAM	1	8	22.07	22.22	22.21		
3	16QAM	1	14	22.10	22.15	22.40		
3	16QAM	8	0	21.01	20.87	20.79	22	2
3	16QAM	8	4	20.80	20.80	20.91		
3	16QAM	8	7	20.79	20.77	20.81		
3	16QAM	15	0	20.83	20.80	20.60		
3	64QAM	1	0	20.81	20.88	20.77	22	2
3	64QAM	1	8	20.93	20.75	20.84		
3	64QAM	1	14	20.80	20.79	20.77		
3	64QAM	8	0	19.96	19.93	19.83	21	3
3	64QAM	8	4	19.82	19.81	19.90		
3	64QAM	8	7	19.98	19.97	19.93		
3	64QAM	15	0	19.72	19.98	19.95		
3	256QAM	1	0	17.74	17.67	17.76	19	5
3	256QAM	1	8	17.79	17.77	17.65		
3	256QAM	1	14	17.63	17.73	17.82		
3	256QAM	8	0	17.90	17.72	17.83	19	5
3	256QAM	8	4	17.69	17.65	17.74		
3	256QAM	8	7	17.81	17.73	17.74		
3	256QAM	15	0	17.72	17.76	17.70		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.71	22.76	22.67	24	0
1.4	QPSK	1	3	22.81	22.71	22.61		
1.4	QPSK	1	5	22.84	22.67	22.69		
1.4	QPSK	3	0	22.60	22.83	22.61		
1.4	QPSK	3	1	22.65	22.75	22.68		

1.4	QPSK	3	3	22.63	22.66	22.69		
1.4	QPSK	6	0	21.61	21.64	21.69	23	1
1.4	16QAM	1	0	21.84	21.66	21.69	23	1
1.4	16QAM	1	3	22.02	21.92	21.97		
1.4	16QAM	1	5	21.63	21.75	21.89		
1.4	16QAM	3	0	22.28	22.29	22.20		
1.4	16QAM	3	1	22.20	22.07	22.19		
1.4	16QAM	3	3	22.06	22.28	22.37		
1.4	16QAM	6	0	20.75	20.78	20.87	22	2
1.4	64QAM	1	0	20.87	20.75	20.93	22	2
1.4	64QAM	1	3	20.81	20.80	20.83		
1.4	64QAM	1	5	20.69	20.63	20.63		
1.4	64QAM	3	0	20.75	20.78	20.87		
1.4	64QAM	3	1	20.87	20.75	20.93		
1.4	64QAM	3	3	20.81	20.80	20.83		
1.4	64QAM	6	0	20.57	20.71	20.66	21	3
1.4	256QAM	1	0	17.86	17.76	17.70	19	5
1.4	256QAM	1	3	17.77	17.72	17.64		
1.4	256QAM	1	5	17.74	17.77	17.67		
1.4	256QAM	3	0	17.93	17.74	17.63		
1.4	256QAM	3	1	17.72	17.65	17.63		
1.4	256QAM	3	3	17.77	17.75	17.78		
1.4	256QAM	6	0	17.69	17.80	17.89	19	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				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.82	22.98	22.96		
20	QPSK	1	49	22.90	22.97	22.96	24	0
20	QPSK	1	99	22.91	22.89	22.90		
20	QPSK	50	0	22.07	22.22	21.94		
20	QPSK	50	24	22.05	22.04	21.96	23	1
20	QPSK	50	50	22.21	21.98	22.08		
20	QPSK	100	0	21.92	22.07	21.97		
20	16QAM	1	0	22.38	22.36	22.34	23	1
20	16QAM	1	49	22.21	22.43	22.35		
20	16QAM	1	99	22.31	22.29	22.60		
20	16QAM	50	0	21.10	21.05	21.01	22	2
20	16QAM	50	24	21.06	21.10	21.06		
20	16QAM	50	50	21.04	20.99	20.97		
20	16QAM	100	0	21.00	20.95	20.81		
20	64QAM	1	0	21.01	21.06	20.95	22	2
20	64QAM	1	49	21.08	21.06	21.05		
20	64QAM	1	99	21.01	21.08	20.97		
20	64QAM	50	0	20.13	20.12	20.06	21	3
20	64QAM	50	24	20.02	20.09	20.09		
20	64QAM	50	50	20.25	20.12	20.17		
20	64QAM	100	0	20.05	20.11	20.18		
20	256QAM	1	0	18.02	17.86	18.00	19	5
20	256QAM	1	49	18.01	17.91	17.89		
20	256QAM	1	99	17.96	17.92	18.08		
20	256QAM	50	0	17.96	17.91	18.00	19	5
20	256QAM	50	24	17.89	17.96	17.92		

20	256QAM	50	50	17.96	18.02	17.96		
20	256QAM	100	0	17.92	17.97	18.01		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.73	22.69	22.75	24	0
15	QPSK	1	37	22.65	22.66	22.79		
15	QPSK	1	74	22.75	22.72	22.68		
15	QPSK	36	0	21.86	21.99	21.71	23	1
15	QPSK	36	20	21.88	21.84	21.72		
15	QPSK	36	39	21.92	21.84	21.85		
15	QPSK	75	0	21.81	21.83	21.86	23	1
15	16QAM	1	0	22.16	22.12	22.19		
15	16QAM	1	37	22.08	22.15	22.15		
15	16QAM	1	74	22.13	22.08	22.32	22	2
15	16QAM	36	0	20.96	20.85	20.79		
15	16QAM	36	20	20.77	20.78	20.84		
15	16QAM	36	39	20.92	20.86	20.77	22	2
15	16QAM	75	0	20.75	20.76	20.62		
15	64QAM	1	0	20.82	20.80	20.86		
15	64QAM	1	37	20.92	20.88	20.75	22	2
15	64QAM	1	74	20.78	20.84	20.86		
15	64QAM	36	0	20.04	19.87	19.78		
15	64QAM	36	20	19.79	19.78	19.91	21	3
15	64QAM	36	39	19.97	19.91	19.89		
15	64QAM	75	0	19.74	19.90	20.00		
15	256QAM	1	0	17.75	17.68	17.74	19	5
15	256QAM	1	37	17.82	17.79	17.69		
15	256QAM	1	74	17.68	17.73	17.77		
15	256QAM	36	0	17.85	17.65	17.76	19	5
15	256QAM	36	20	17.80	17.73	17.62		
15	256QAM	36	39	17.68	17.70	17.72		
15	256QAM	75	0	17.70	17.78	17.82	Tune-up limit (dBm)	MPR (dB)
Channel				133172	133272	133422		
Frequency (MHz)				668	678	693	24	0
10	QPSK	1	0	22.74	22.77	22.73		
10	QPSK	1	25	22.69	22.71	22.77	23	1
10	QPSK	1	49	22.69	22.73	22.64		
10	QPSK	25	0	21.79	21.94	21.75		
10	QPSK	25	12	21.79	21.77	21.72	23	1
10	QPSK	25	25	22.02	21.78	21.86		
10	QPSK	50	0	21.84	21.92	21.84		
10	16QAM	1	0	22.08	22.13	22.17	23	1
10	16QAM	1	25	22.10	22.20	22.26		
10	16QAM	1	49	22.23	22.23	22.40		
10	16QAM	25	0	20.99	20.89	20.69	22	2
10	16QAM	25	12	20.78	20.86	20.95		
10	16QAM	25	25	20.85	20.79	20.79		
10	16QAM	50	0	20.79	20.78	20.72	22	2
10	64QAM	1	0	20.85	20.83	20.87		
10	64QAM	1	25	20.85	20.75	20.75		
10	64QAM	1	49	20.77	20.86	20.83	21	3
10	64QAM	25	0	20.03	19.86	19.81		
10	64QAM	25	12	19.89	19.86	19.97		
10	64QAM	25	25	20.04	19.93	19.93	21	3
10	64QAM	50	0	19.86	19.98	19.99		

10	256QAM	1	0	17.80	17.67	17.73	19	5
10	256QAM	1	25	17.86	17.82	17.65		
10	256QAM	1	49	17.65	17.77	17.89		
10	256QAM	25	0	17.85	17.73	17.72	19	5
10	256QAM	25	12	17.71	17.77	17.69		
10	256QAM	25	25	17.81	17.83	17.70		
10	256QAM	50	0	17.68	17.83	17.71		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.70	22.78	22.75	24	0
5	QPSK	1	12	22.71	22.74	22.73		
5	QPSK	1	24	22.69	22.73	22.62		
5	QPSK	12	0	21.82	22.01	21.78	23	1
5	QPSK	12	7	21.85	21.82	21.79		
5	QPSK	12	13	22.01	21.84	21.89		
5	QPSK	25	0	21.75	21.82	21.87		
5	16QAM	1	0	22.20	22.15	22.14	23	1
5	16QAM	1	12	22.04	22.20	22.19		
5	16QAM	1	24	22.21	22.16	22.41		
5	16QAM	12	0	21.02	20.80	20.80	22	2
5	16QAM	12	7	20.89	20.90	20.86		
5	16QAM	12	13	20.88	20.73	20.79		
5	16QAM	25	0	20.77	20.77	20.67		
5	64QAM	1	0	20.85	20.93	20.85	22	2
5	64QAM	1	12	20.91	20.75	20.72		
5	64QAM	1	24	20.78	20.89	20.75		
5	64QAM	12	0	20.02	19.88	19.86	21	3
5	64QAM	12	7	19.83	19.84	19.88		
5	64QAM	12	13	20.03	20.02	19.95		
5	64QAM	25	0	19.73	19.89	19.87		
5	256QAM	1	0	17.70	17.64	17.79	19	5
5	256QAM	1	12	17.82	17.72	17.70		
5	256QAM	1	24	17.77	17.78	17.81		
5	256QAM	12	0	17.82	17.72	17.80	19	5
5	256QAM	12	7	17.69	17.67	17.69		
5	256QAM	12	13	17.71	17.82	17.71		
5	256QAM	25	0	17.78	17.82	17.76		

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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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.82	20.84	20.79	21.7	0
20	QPSK	1	49	20.79	20.78	20.81		
20	QPSK	1	99	20.80	20.83	20.74		
20	QPSK	50	0	20.32	20.57	20.34	21.7	0
20	QPSK	50	24	20.39	20.37	20.38		
20	QPSK	50	50	20.55	20.41	20.44		
20	QPSK	100	0	20.33	20.48	20.42		
20	16QAM	1	0	20.22	20.21	20.23	21.7	0
20	16QAM	1	49	20.15	20.25	20.28		
20	16QAM	1	99	20.24	20.23	20.42		
20	16QAM	50	0	20.53	20.45	20.34	21.7	0

20	16QAM	50	24	20.41	20.42	20.48		
20	16QAM	50	50	20.44	20.38	20.40		
20	16QAM	100	0	20.34	20.40	20.25		
20	64QAM	1	0	20.42	20.44	20.37	21.7	0
20	64QAM	1	49	20.45	20.39	20.36		
20	64QAM	1	99	20.34	20.40	20.39		
20	64QAM	50	0	20.08	19.97	19.88	21	0.7
20	64QAM	50	24	19.94	19.92	19.98		
20	64QAM	50	50	20.10	20.05	19.99		
20	64QAM	100	0	19.86	20.00	20.00	19	2.7
20	256QAM	1	0	17.83	17.69	17.82		
20	256QAM	1	49	17.91	17.85	17.79		
20	256QAM	1	99	17.77	17.79	17.91	19	2.7
20	256QAM	50	0	17.91	17.74	17.87		
20	256QAM	50	24	17.81	17.80	17.75		
20	256QAM	50	50	17.82	17.83	17.82	19	2.7
20	256QAM	100	0	17.79	17.85	17.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.58	20.64	20.64	21.7	0
15	QPSK	1	37	20.57	20.61	20.60		
15	QPSK	1	74	20.64	20.62	20.50		
15	QPSK	36	0	20.08	20.37	20.12	21.7	0
15	QPSK	36	20	20.24	20.17	20.20		
15	QPSK	36	39	20.33	20.18	20.23		
15	QPSK	75	0	20.10	20.28	20.21	21.7	0
15	16QAM	1	0	20.15	20.07	20.13		
15	16QAM	1	37	20.08	20.19	20.18		
15	16QAM	1	74	20.10	20.09	20.27	21.7	0
15	16QAM	36	0	20.39	20.33	20.23		
15	16QAM	36	20	20.31	20.27	20.35		
15	16QAM	36	39	20.35	20.31	20.29	21.7	0
15	16QAM	75	0	20.24	20.28	20.17		
15	64QAM	1	0	20.31	20.33	20.24		
15	64QAM	1	37	20.38	20.29	20.24	21.7	0
15	64QAM	1	74	20.29	20.31	20.25		
15	64QAM	36	0	19.95	19.84	19.77		
15	64QAM	36	20	19.87	19.79	19.85	21	0.7
15	64QAM	36	39	20.00	19.92	19.93		
15	64QAM	75	0	19.74	19.88	19.93		
15	256QAM	1	0	17.76	17.63	17.71	19	2.7
15	256QAM	1	37	17.78	17.75	17.66		
15	256QAM	1	74	17.63	17.65	17.82		
15	256QAM	36	0	17.80	17.62	17.82	19	2.7
15	256QAM	36	20	17.71	17.70	17.67		
15	256QAM	36	39	17.73	17.69	17.74		
15	256QAM	75	0	17.72	17.76	17.71	Tune-up limit (dBm)	MPR (dB)
Channel				18650	18900	19150		
Frequency (MHz)				1855	1880	1905	21.7	0
10	QPSK	1	0	20.58	20.68	20.64		
10	QPSK	1	25	20.56	20.53	20.56		
10	QPSK	1	49	20.63	20.63	20.55	21.7	0
10	QPSK	25	0	20.14	20.36	20.15		
10	QPSK	25	12	20.23	20.20	20.20		
10	QPSK	25	25	20.35	20.22	20.21	21.7	0

10	QPSK	50	0	20.15	20.28	20.21		
10	16QAM	1	0	20.11	20.12	20.11	21.7	0
10	16QAM	1	25	20.06	20.10	20.13		
10	16QAM	1	49	20.16	20.15	20.32		
10	16QAM	25	0	20.41	20.39	20.25	21.7	0
10	16QAM	25	12	20.27	20.28	20.37		
10	16QAM	25	25	20.36	20.26	20.25		
10	16QAM	50	0	20.25	20.31	20.15	21.7	0
10	64QAM	1	0	20.29	20.31	20.31		
10	64QAM	1	25	20.37	20.26	20.27		
10	64QAM	1	49	20.22	20.30	20.28	21	0.7
10	64QAM	25	0	20.02	19.87	19.74		
10	64QAM	25	12	19.89	19.80	19.86		
10	64QAM	25	25	20.03	19.99	19.86	19	2.7
10	64QAM	50	0	19.72	19.91	19.94		
10	256QAM	1	0	17.78	17.57	17.74		
10	256QAM	1	25	17.79	17.74	17.66	19	2.7
10	256QAM	1	49	17.66	17.69	17.83		
10	256QAM	25	0	17.80	17.66	17.76		
10	256QAM	25	12	17.75	17.70	17.68	19	2.7
10	256QAM	25	25	17.70	17.74	17.71		
10	256QAM	50	0	17.67	17.71	17.76		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.63	20.59	20.61	21.7	0
5	QPSK	1	12	20.57	20.60	20.57		
5	QPSK	1	24	20.63	20.68	20.56		
5	QPSK	12	0	20.15	20.41	20.17	21.7	0
5	QPSK	12	7	20.21	20.20	20.20		
5	QPSK	12	13	20.38	20.21	20.26		
5	QPSK	25	0	20.15	20.27	20.20	21.7	0
5	16QAM	1	0	20.08	20.13	20.14		
5	16QAM	1	12	20.07	20.14	20.22		
5	16QAM	1	24	20.14	20.13	20.29	21.7	0
5	16QAM	12	0	20.45	20.34	20.21		
5	16QAM	12	7	20.32	20.35	20.41		
5	16QAM	12	13	20.32	20.33	20.31	21.7	0
5	16QAM	25	0	20.22	20.30	20.20		
5	64QAM	1	0	20.34	20.35	20.30		
5	64QAM	1	12	20.35	20.25	20.23	21	0.7
5	64QAM	1	24	20.23	20.35	20.33		
5	64QAM	12	0	20.00	19.87	19.77		
5	64QAM	12	7	19.83	19.80	19.86	19	2.7
5	64QAM	12	13	20.03	19.97	19.92		
5	64QAM	25	0	19.72	19.93	19.87		
5	256QAM	1	0	17.78	17.64	17.75	19	2.7
5	256QAM	1	12	17.78	17.75	17.69		
5	256QAM	1	24	17.68	17.73	17.84		
5	256QAM	12	0	17.78	17.68	17.81	19	2.7
5	256QAM	12	7	17.73	17.72	17.65		
5	256QAM	12	13	17.71	17.75	17.73		
5	256QAM	25	0	17.69	17.79	17.77	Tune-up limit (dBm)	MPR (dB)
Channel				18615	18900	19185		
Frequency (MHz)				1851.5	1880	1908.5	21.7	0
3	QPSK	1	0	20.57	20.63	20.64		

3	QPSK	1	8	20.58	20.61	20.64	21.7	0
3	QPSK	1	14	20.63	20.59	20.59		
3	QPSK	8	0	20.12	20.34	20.14		
3	QPSK	8	4	20.17	20.14	20.15		
3	QPSK	8	7	20.37	20.25	20.23		
3	QPSK	15	0	20.10	20.31	20.22	21.7	0
3	16QAM	1	0	20.16	20.10	20.09		
3	16QAM	1	8	20.06	20.17	20.16		
3	16QAM	1	14	20.15	20.08	20.30	21.7	0
3	16QAM	8	0	20.47	20.31	20.26		
3	16QAM	8	4	20.30	20.31	20.34		
3	16QAM	8	7	20.35	20.24	20.31		
3	16QAM	15	0	20.19	20.30	20.19		
3	64QAM	1	0	20.28	20.39	20.23	21.7	0
3	64QAM	1	8	20.38	20.33	20.22		
3	64QAM	1	14	20.21	20.33	20.27		
3	64QAM	8	0	19.95	19.90	19.76	21	0.7
3	64QAM	8	4	19.80	19.81	19.93		
3	64QAM	8	7	20.04	19.97	19.92		
3	64QAM	15	0	19.72	19.86	19.90		
3	256QAM	1	0	17.74	17.55	17.72		
3	256QAM	1	8	17.83	17.76	17.65	19	2.7
3	256QAM	1	14	17.71	17.65	17.85		
3	256QAM	8	0	17.84	17.62	17.76		
3	256QAM	8	4	17.72	17.71	17.67	19	2.7
3	256QAM	8	7	17.77	17.68	17.73		
3	256QAM	15	0	17.66	17.76	17.73		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.64	20.78	20.65	21.7	0
1.4	QPSK	1	3	20.69	20.70	20.67		
1.4	QPSK	1	5	20.67	20.65	20.70		
1.4	QPSK	3	0	20.60	20.82	20.68		
1.4	QPSK	3	1	20.62	20.61	20.78		
1.4	QPSK	3	3	20.72	20.63	20.57	21.7	0
1.4	QPSK	6	0	20.61	20.65	20.64		
1.4	16QAM	1	0	20.83	20.65	20.70		
1.4	16QAM	1	3	20.58	20.79	20.51	21.7	0
1.4	16QAM	1	5	20.54	20.74	20.80		
1.4	16QAM	3	0	20.19	20.19	20.28		
1.4	16QAM	3	1	20.17	20.05	20.27		
1.4	16QAM	3	3	20.12	20.24	20.29		
1.4	16QAM	6	0	20.56	20.55	20.46	21.7	0
1.4	64QAM	1	0	20.42	20.44	20.37	21.7	0
1.4	64QAM	1	3	20.45	20.39	20.36		
1.4	64QAM	1	5	20.34	20.40	20.39		
1.4	64QAM	3	0	20.75	20.72	20.55		
1.4	64QAM	3	1	20.76	20.72	20.79		
1.4	64QAM	3	3	20.66	20.68	20.56		
1.4	64QAM	6	0	20.48	20.61	20.61	21	0.7
1.4	256QAM	1	0	17.83	17.69	17.65	19	2.7
1.4	256QAM	1	3	17.79	17.61	17.70		
1.4	256QAM	1	5	17.74	17.73	17.73		
1.4	256QAM	3	0	17.81	17.65	17.65		
1.4	256QAM	3	1	17.59	17.58	17.54		
1.4	256QAM	3	3	17.72	17.67	17.72		

1.4	256QAM	6	0	17.78	17.78	17.81	19	2.7
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Band 4 Ant 2 DSI1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.49	21.70	21.54	22.7	0
20	QPSK	1	49	21.57	21.51	21.53		
20	QPSK	1	99	21.54	21.57	21.45		
20	QPSK	50	0	21.27	21.35	21.15	22.7	0
20	QPSK	50	24	21.23	21.16	21.23		
20	QPSK	50	50	21.33	21.28	21.26		
20	QPSK	100	0	21.22	21.31	21.24	22.7	0
20	16QAM	1	0	21.62	21.53	21.55		
20	16QAM	1	49	21.49	21.60	21.59		
20	16QAM	1	99	21.16	21.22	21.38	22	0.7
20	16QAM	50	0	20.79	20.68	20.56		
20	16QAM	50	24	20.66	20.64	20.74		
20	16QAM	50	50	20.67	20.58	20.60	22	0.7
20	16QAM	100	0	20.63	20.65	20.47		
20	64QAM	1	0	20.65	20.68	20.62		
20	64QAM	1	49	20.72	20.65	20.57	22	0.7
20	64QAM	1	99	20.63	20.66	20.59		
20	64QAM	50	0	19.78	19.76	19.61		
20	64QAM	50	24	19.70	19.63	19.71	21	1.7
20	64QAM	50	50	19.86	19.84	19.72		
20	64QAM	100	0	19.65	19.80	19.72		
20	256QAM	1	0	17.55	17.43	17.55	19	3.7
20	256QAM	1	49	17.66	17.64	17.55		
20	256QAM	1	99	17.54	17.49	17.68		
20	256QAM	50	0	17.68	17.46	17.61	19	3.7
20	256QAM	50	24	17.54	17.55	17.52		
20	256QAM	50	50	17.62	17.55	17.61		
20	256QAM	100	0	17.54	17.58	17.57	Tune-up limit (dBm)	MPR (dB)
Channel				20025	20175	20325		
Frequency (MHz)				1717.5	1732.5	1747.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	21.49	21.70	21.54		
15	QPSK	1	37	21.57	21.51	21.53	22.7	0
15	QPSK	1	74	21.54	21.57	21.45		
15	QPSK	36	0	21.27	21.35	21.15	22.7	0
15	QPSK	36	20	21.23	21.16	21.23		
15	QPSK	36	39	21.33	21.28	21.26		
15	QPSK	75	0	21.22	21.31	21.24	22.7	0
15	16QAM	1	0	21.62	21.53	21.55		
15	16QAM	1	37	21.49	21.60	21.59		
15	16QAM	1	74	21.16	21.22	21.38	22	0.7
15	16QAM	36	0	20.79	20.68	20.56		
15	16QAM	36	20	20.66	20.64	20.74		
15	16QAM	36	39	20.67	20.58	20.60	22	0.7
15	16QAM	75	0	20.63	20.65	20.47		
15	64QAM	1	0	20.65	20.68	20.62		
15	64QAM	1	37	20.72	20.65	20.57	22	0.7
15	64QAM	1	74	20.63	20.66	20.59		

15	64QAM	36	0	19.78	19.76	19.61	21	1.7
15	64QAM	36	20	19.70	19.63	19.71		
15	64QAM	36	39	19.86	19.84	19.72		
15	64QAM	75	0	19.65	19.80	19.72		
15	256QAM	1	0	17.55	17.43	17.55	19	3.7
15	256QAM	1	37	17.66	17.64	17.55		
15	256QAM	1	74	17.54	17.49	17.68		
15	256QAM	36	0	17.68	17.46	17.61	19	3.7
15	256QAM	36	20	17.54	17.55	17.52		
15	256QAM	36	39	17.62	17.55	17.61		
15	256QAM	75	0	17.54	17.58	17.57		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.49	21.70	21.54	22.7	0
10	QPSK	1	25	21.57	21.51	21.53		
10	QPSK	1	49	21.54	21.57	21.45		
10	QPSK	25	0	21.27	21.35	21.15	22.7	0
10	QPSK	25	12	21.23	21.16	21.23		
10	QPSK	25	25	21.33	21.28	21.26		
10	QPSK	50	0	21.22	21.31	21.24		
10	16QAM	1	0	21.62	21.53	21.55	22.7	0
10	16QAM	1	25	21.49	21.60	21.59		
10	16QAM	1	49	21.16	21.22	21.38		
10	16QAM	25	0	20.79	20.68	20.56	22	0.7
10	16QAM	25	12	20.66	20.64	20.74		
10	16QAM	25	25	20.67	20.58	20.60		
10	16QAM	50	0	20.63	20.65	20.47		
10	64QAM	1	0	20.65	20.68	20.62	22	0.7
10	64QAM	1	25	20.72	20.65	20.57		
10	64QAM	1	49	20.63	20.66	20.59		
10	64QAM	25	0	19.78	19.76	19.61	21	1.7
10	64QAM	25	12	19.70	19.63	19.71		
10	64QAM	25	25	19.86	19.84	19.72		
10	64QAM	50	0	19.65	19.80	19.72		
10	256QAM	1	0	17.55	17.43	17.55	19	3.7
10	256QAM	1	25	17.66	17.64	17.55		
10	256QAM	1	49	17.54	17.49	17.68		
10	256QAM	25	0	17.68	17.46	17.61	19	3.7
10	256QAM	25	12	17.54	17.55	17.52		
10	256QAM	25	25	17.62	17.55	17.61		
10	256QAM	50	0	17.54	17.58	17.57		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.49	21.70	21.54	22.7	0
5	QPSK	1	12	21.57	21.51	21.53		
5	QPSK	1	24	21.54	21.57	21.45		
5	QPSK	12	0	21.27	21.35	21.15	22.7	0
5	QPSK	12	7	21.23	21.16	21.23		
5	QPSK	12	13	21.33	21.28	21.26		
5	QPSK	25	0	21.22	21.31	21.24		
5	16QAM	1	0	21.62	21.53	21.55	22.7	0
5	16QAM	1	12	21.49	21.60	21.59		
5	16QAM	1	24	21.16	21.22	21.38		
5	16QAM	12	0	20.79	20.68	20.56	22	0.7
5	16QAM	12	7	20.66	20.64	20.74		

5	16QAM	12	13	20.67	20.58	20.60		
5	16QAM	25	0	20.63	20.65	20.47		
5	64QAM	1	0	20.65	20.68	20.62		
5	64QAM	1	12	20.72	20.65	20.57	22	0.7
5	64QAM	1	24	20.63	20.66	20.59	21	1.7
5	64QAM	12	0	19.78	19.76	19.61		
5	64QAM	12	7	19.70	19.63	19.71		
5	64QAM	12	13	19.86	19.84	19.72		
5	64QAM	25	0	19.65	19.80	19.72	19	3.7
5	256QAM	1	0	17.55	17.43	17.55		
5	256QAM	1	12	17.66	17.64	17.55		
5	256QAM	1	24	17.54	17.49	17.68	19	3.7
5	256QAM	12	0	17.68	17.46	17.61		
5	256QAM	12	7	17.54	17.55	17.52		
5	256QAM	12	13	17.62	17.55	17.61		
5	256QAM	25	0	17.54	17.58	17.57	Tune-up limit (dBm)	MPR (dB)
Channel				19965	20175	20385		
Frequency (MHz)				1711.5	1732.5	1753.5	22.7	0
3	QPSK	1	0	21.49	21.70	21.54		
3	QPSK	1	8	21.57	21.51	21.53		
3	QPSK	1	14	21.54	21.57	21.45	22.7	0
3	QPSK	8	0	21.27	21.35	21.15		
3	QPSK	8	4	21.23	21.16	21.23		
3	QPSK	8	7	21.33	21.28	21.26		
3	QPSK	15	0	21.22	21.31	21.24	22.7	0
3	16QAM	1	0	21.62	21.53	21.55		
3	16QAM	1	8	21.49	21.60	21.59		
3	16QAM	1	14	21.16	21.22	21.38	22	0.7
3	16QAM	8	0	20.79	20.68	20.56		
3	16QAM	8	4	20.66	20.64	20.74		
3	16QAM	8	7	20.67	20.58	20.60		
3	16QAM	15	0	20.63	20.65	20.47	22	0.7
3	64QAM	1	0	20.65	20.68	20.62		
3	64QAM	1	8	20.72	20.65	20.57		
3	64QAM	1	14	20.63	20.66	20.59	21	1.7
3	64QAM	8	0	19.78	19.76	19.61		
3	64QAM	8	4	19.70	19.63	19.71		
3	64QAM	8	7	19.86	19.84	19.72		
3	64QAM	15	0	19.65	19.80	19.72	19	3.7
3	256QAM	1	0	17.55	17.43	17.55		
3	256QAM	1	8	17.66	17.64	17.55		
3	256QAM	1	14	17.54	17.49	17.68	19	3.7
3	256QAM	8	0	17.68	17.46	17.61		
3	256QAM	8	4	17.54	17.55	17.52		
3	256QAM	8	7	17.62	17.55	17.61		
3	256QAM	15	0	17.54	17.58	17.57	Tune-up limit (dBm)	MPR (dB)
Channel				19957	20175	20393		
Frequency (MHz)				1710.7	1732.5	1754.3	22.7	0
1.4	QPSK	1	0	21.45	21.62	21.43		
1.4	QPSK	1	3	21.58	21.52	21.54		
1.4	QPSK	1	5	21.51	21.49	21.56		
1.4	QPSK	3	0	21.29	21.46	21.31		
1.4	QPSK	3	1	21.31	21.30	21.42		
1.4	QPSK	3	3	21.38	21.34	21.25		
1.4	QPSK	6	0	21.45	21.52	21.53	22.7	0



1.4	16QAM	1	0	21.21	21.07	21.14	22.7	0
1.4	16QAM	1	3	21.32	21.25	21.35		
1.4	16QAM	1	5	21.04	21.15	21.28		
1.4	16QAM	3	0	21.19	21.31	21.28		
1.4	16QAM	3	1	21.13	21.13	21.30		
1.4	16QAM	3	3	21.11	21.29	21.29	22	0.7
1.4	16QAM	6	0	20.66	20.68	20.60		
1.4	64QAM	1	0	20.63	20.59	20.67		
1.4	64QAM	1	3	20.68	20.56	20.66		
1.4	64QAM	1	5	20.45	20.49	20.44		
1.4	64QAM	3	0	20.62	20.65	20.70	21	1.7
1.4	64QAM	3	1	20.69	20.59	20.63		
1.4	64QAM	3	3	20.55	20.47	20.45		
1.4	64QAM	6	0	20.40	20.50	20.54		
1.4	256QAM	1	0	17.67	17.55	17.52	19	3.7
1.4	256QAM	1	3	17.63	17.46	17.52		
1.4	256QAM	1	5	17.53	17.48	17.53		
1.4	256QAM	3	0	17.65	17.44	17.56		
1.4	256QAM	3	1	17.48	17.40	17.43		
1.4	256QAM	3	3	17.59	17.61	17.57	19	3.7
1.4	256QAM	6	0	17.56	17.64	17.67		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.64	21.85	21.69	22.7	0
20	QPSK	1	49	21.72	21.66	21.68		
20	QPSK	1	99	21.69	21.72	21.60		
20	QPSK	50	0	21.42	21.50	21.30	22.7	0
20	QPSK	50	24	21.38	21.31	21.38		
20	QPSK	50	50	21.48	21.43	21.41		
20	QPSK	100	0	21.37	21.46	21.39	22.7	0
20	16QAM	1	0	21.77	21.68	21.70		
20	16QAM	1	49	21.64	21.75	21.74		
20	16QAM	1	99	21.31	21.37	21.53	22	0.7
20	16QAM	50	0	20.94	20.83	20.71		
20	16QAM	50	24	20.81	20.79	20.89		
20	16QAM	50	50	20.82	20.73	20.75	22	0.7
20	16QAM	100	0	20.78	20.80	20.62		
20	64QAM	1	0	20.80	20.83	20.77		
20	64QAM	1	49	20.87	20.80	20.72	21	1.7
20	64QAM	1	99	20.78	20.81	20.74		
20	64QAM	50	0	19.93	19.91	19.76		
20	64QAM	50	24	19.85	19.78	19.86	19	3.7
20	64QAM	50	50	20.01	19.99	19.87		
20	64QAM	100	0	19.80	19.95	19.87		
20	256QAM	1	0	17.70	17.58	17.70	19	3.7
20	256QAM	1	49	17.81	17.79	17.70		
20	256QAM	1	99	17.69	17.64	17.83		
20	256QAM	50	0	17.83	17.61	17.76	19	3.7
20	256QAM	50	24	17.69	17.70	17.67		
20	256QAM	50	50	17.77	17.70	17.76		
20	256QAM	100	0	17.69	17.73	17.72		

Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.68	21.74	21.72	22.7	0
15	QPSK	1	37	21.69	21.73	21.73		
15	QPSK	1	74	21.68	21.69	21.61		
15	QPSK	36	0	21.42	21.55	21.32	22.7	0
15	QPSK	36	20	21.41	21.38	21.33		
15	QPSK	36	39	21.55	21.35	21.35		
15	QPSK	75	0	21.30	21.44	21.37	22.7	0
15	16QAM	1	0	21.71	21.76	21.75		
15	16QAM	1	37	21.69	21.78	21.74		
15	16QAM	1	74	21.31	21.34	21.52	22	0.7
15	16QAM	36	0	20.97	20.84	20.70		
15	16QAM	36	20	20.83	20.86	20.90		
15	16QAM	36	39	20.81	20.74	20.84	22	0.7
15	16QAM	75	0	20.70	20.79	20.65		
15	64QAM	1	0	20.79	20.85	20.77		
15	64QAM	1	37	20.85	20.80	20.71	21	1.7
15	64QAM	1	74	20.75	20.79	20.74		
15	64QAM	36	0	19.94	19.91	19.76		
15	64QAM	36	20	19.89	19.80	19.90	19	3.7
15	64QAM	36	39	20.01	19.98	19.92		
15	64QAM	75	0	19.75	19.93	19.87		
15	256QAM	1	0	17.77	17.55	17.71	19	3.7
15	256QAM	1	37	17.80	17.79	17.68		
15	256QAM	1	74	17.69	17.66	17.78		
15	256QAM	36	0	17.81	17.65	17.82	19	3.7
15	256QAM	36	20	17.73	17.69	17.65		
15	256QAM	36	39	17.72	17.69	17.76		
15	256QAM	75	0	17.70	17.72	17.75	19	3.7
Channel				132022	132322	132622		
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	21.61	21.75	21.74		
10	QPSK	1	25	21.71	21.66	21.75	22.7	0
10	QPSK	1	49	21.66	21.72	21.67		
10	QPSK	25	0	21.41	21.54	21.37	22.7	0
10	QPSK	25	12	21.46	21.32	21.36		
10	QPSK	25	25	21.57	21.38	21.38		
10	QPSK	50	0	21.35	21.49	21.44	22.7	0
10	16QAM	1	0	21.01	21.14	20.97		
10	16QAM	1	25	21.01	21.14	20.97		
10	16QAM	1	49	21.37	21.32	21.33	22	0.7
10	16QAM	25	0	20.94	20.82	20.71		
10	16QAM	25	12	20.77	20.81	20.93		
10	16QAM	25	25	20.85	20.73	20.76	22	0.7
10	16QAM	50	0	20.75	20.78	20.66		
10	64QAM	1	0	20.78	20.81	20.74		
10	64QAM	1	25	20.85	20.81	20.81	21	1.7
10	64QAM	1	49	20.72	20.78	20.81		
10	64QAM	25	0	20.03	19.85	19.75		
10	64QAM	25	12	19.82	19.82	19.85	19	3.7
10	64QAM	25	25	20.03	19.93	19.92		
10	64QAM	50	0	19.80	19.87	19.90		
10	256QAM	1	0	17.77	17.62	17.71	19	3.7
10	256QAM	1	25	17.78	17.73	17.69		

10	256QAM	1	49	17.63	17.66	17.85		
10	256QAM	25	0	17.77	17.63	17.78	19	3.7
10	256QAM	25	12	17.75	17.75	17.67		
10	256QAM	25	25	17.73	17.73	17.74		
10	256QAM	50	0	17.71	17.78	17.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.62	21.71	21.70	22.7	0
5	QPSK	1	12	21.72	21.65	21.69		
5	QPSK	1	24	21.68	21.73	21.61		
5	QPSK	12	0	21.35	21.58	21.28	22.7	0
5	QPSK	12	7	21.42	21.38	21.37		
5	QPSK	12	13	21.53	21.40	21.40		
5	QPSK	25	0	21.39	21.48	21.40		
5	16QAM	1	0	21.33	21.29	21.36	22.7	0
5	16QAM	1	12	21.21	21.34	21.41		
5	16QAM	1	24	21.30	21.33	21.54		
5	16QAM	12	0	20.90	20.86	20.70	22	0.7
5	16QAM	12	7	20.80	20.80	20.86		
5	16QAM	12	13	20.86	20.75	20.85		
5	16QAM	25	0	20.71	20.82	20.68		
5	64QAM	1	0	20.78	20.82	20.77	22	0.7
5	64QAM	1	12	20.82	20.78	20.80		
5	64QAM	1	24	20.77	20.84	20.84		
5	64QAM	12	0	19.96	19.91	19.80	21	1.7
5	64QAM	12	7	19.80	19.77	19.86		
5	64QAM	12	13	20.04	19.98	19.89		
5	64QAM	25	0	19.73	19.92	19.94		
5	256QAM	1	0	17.76	17.59	17.71	19	3.7
5	256QAM	1	12	17.85	17.76	17.65		
5	256QAM	1	24	17.65	17.72	17.79		
5	256QAM	12	0	17.80	17.61	17.74	19	3.7
5	256QAM	12	7	17.71	17.65	17.62		
5	256QAM	12	13	17.70	17.69	17.70		
5	256QAM	25	0	17.65	17.73	17.69		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.61	21.70	21.67	22.7	0
3	QPSK	1	8	21.67	21.63	21.69		
3	QPSK	1	14	21.67	21.70	21.68		
3	QPSK	8	0	21.32	21.49	21.31	22.7	0
3	QPSK	8	4	21.48	21.33	21.30		
3	QPSK	8	7	21.52	21.39	21.41		
3	QPSK	15	0	21.35	21.42	21.42		
3	16QAM	1	0	21.75	21.72	21.70	22.7	0
3	16QAM	1	8	21.67	21.72	21.79		
3	16QAM	1	14	21.32	21.32	21.53		
3	16QAM	8	0	20.96	20.88	20.76	22	0.7
3	16QAM	8	4	20.82	20.81	20.86		
3	16QAM	8	7	20.86	20.82	20.83		
3	16QAM	15	0	20.72	20.78	20.70		
3	64QAM	1	0	20.85	20.86	20.75	22	0.7
3	64QAM	1	8	20.83	20.76	20.76		
3	64QAM	1	14	20.75	20.84	20.74		
3	64QAM	8	0	19.98	19.84	19.81	21	1.7

3	64QAM	8	4	19.83	19.79	19.91		
3	64QAM	8	7	19.96	19.91	19.87		
3	64QAM	15	0	19.73	19.90	19.92		
3	256QAM	1	0	17.69	17.62	17.72	19	3.7
3	256QAM	1	8	17.79	17.79	17.68		
3	256QAM	1	14	17.63	17.71	17.84		
3	256QAM	8	0	17.81	17.65	17.80	19	3.7
3	256QAM	8	4	17.67	17.66	17.68		
3	256QAM	8	7	17.73	17.75	17.74		
3	256QAM	15	0	17.68	17.73	17.75		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.60	21.77	21.58	22.7	0
1.4	QPSK	1	3	21.73	21.67	21.69		
1.4	QPSK	1	5	21.66	21.64	21.71		
1.4	QPSK	3	0	21.44	21.61	21.46		
1.4	QPSK	3	1	21.46	21.45	21.57		
1.4	QPSK	3	3	21.53	21.49	21.40		
1.4	QPSK	6	0	21.60	21.67	21.68	22.7	0
1.4	16QAM	1	0	21.36	21.22	21.29	22.7	0
1.4	16QAM	1	3	21.47	21.40	21.50		
1.4	16QAM	1	5	21.19	21.30	21.43		
1.4	16QAM	3	0	21.34	21.46	21.43		
1.4	16QAM	3	1	21.28	21.28	21.45		
1.4	16QAM	3	3	21.26	21.44	21.44		
1.4	16QAM	6	0	20.81	20.83	20.75	22	0.7
1.4	64QAM	1	0	20.78	20.74	20.82	22	0.7
1.4	64QAM	1	3	20.83	20.71	20.81		
1.4	64QAM	1	5	20.60	20.64	20.59		
1.4	64QAM	3	0	20.77	20.80	20.85		
1.4	64QAM	3	1	20.84	20.74	20.78		
1.4	64QAM	3	3	20.70	20.62	20.60		
1.4	64QAM	6	0	20.55	20.65	20.69	21	1.7
1.4	256QAM	1	0	17.82	17.70	17.67	19	3.7
1.4	256QAM	1	3	17.78	17.61	17.67		
1.4	256QAM	1	5	17.68	17.63	17.68		
1.4	256QAM	3	0	17.80	17.59	17.71		
1.4	256QAM	3	1	17.63	17.55	17.58		
1.4	256QAM	3	3	17.74	17.76	17.72		
1.4	256QAM	6	0	17.71	17.79	17.82	19	3.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.58	22.82	22.54	24	0
20	QPSK	1	49	22.56	22.51	22.67		
20	QPSK	1	99	22.50	22.59	22.47		
20	QPSK	50	0	21.71	21.87	21.59	23	1
20	QPSK	50	24	21.69	21.68	21.55		
20	QPSK	50	50	21.72	21.68	21.67		
20	QPSK	100	0	21.53	21.83	21.75		
20	16QAM	1	0	22.02	22.08	22.04	23	1

20	16QAM	1	49	21.85	21.91	22.01		
20	16QAM	1	99	22.02	21.95	22.19		
20	16QAM	50	0	20.66	20.82	20.60		
20	16QAM	50	24	20.59	20.69	20.68		
20	16QAM	50	50	20.75	20.69	20.55		
20	16QAM	100	0	20.53	20.71	20.53	22	2
20	64QAM	1	0	20.71	20.64	20.67		
20	64QAM	1	49	20.67	20.54	20.64		
20	64QAM	1	99	20.57	20.53	20.60	21	3
20	64QAM	50	0	19.78	19.65	19.69		
20	64QAM	50	24	19.71	19.78	19.79		
20	64QAM	50	50	19.95	19.72	19.81		
20	64QAM	100	0	19.59	19.78	19.71	19	5
20	256QAM	1	0	17.58	17.35	17.55		
20	256QAM	1	49	17.69	17.57	17.56		
20	256QAM	1	99	17.52	17.68	17.63	19	5
20	256QAM	50	0	17.68	17.59	17.71		
20	256QAM	50	24	17.49	17.50	17.41		
20	256QAM	50	50	17.67	17.63	17.66		
20	256QAM	100	0	17.59	17.68	17.62		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.41	22.69	22.40	24	0
15	QPSK	1	37	22.43	22.38	22.59		
15	QPSK	1	74	22.42	22.44	22.34		
15	QPSK	36	0	21.64	21.72	21.48	23	1
15	QPSK	36	20	21.57	21.62	21.44		
15	QPSK	36	39	21.59	21.55	21.59		
15	QPSK	75	0	21.38	21.75	21.68		
15	16QAM	1	0	21.84	22.01	21.90	23	1
15	16QAM	1	37	21.71	21.75	21.87		
15	16QAM	1	74	21.92	21.85	22.05		
15	16QAM	36	0	20.56	20.75	20.50	22	2
15	16QAM	36	20	20.53	20.53	20.55		
15	16QAM	36	39	20.64	20.63	20.44		
15	16QAM	75	0	20.35	20.64	20.43		
15	64QAM	1	0	20.53	20.46	20.53	22	2
15	64QAM	1	37	20.53	20.46	20.47		
15	64QAM	1	74	20.45	20.44	20.47		
15	64QAM	36	0	19.71	19.52	19.60	21	3
15	64QAM	36	20	19.56	19.62	19.71		
15	64QAM	36	39	19.84	19.56	19.73		
15	64QAM	75	0	19.49	19.62	19.63		
15	256QAM	1	0	17.40	17.20	17.47	19	5
15	256QAM	1	37	17.61	17.44	17.42		
15	256QAM	1	74	17.44	17.59	17.46		
15	256QAM	36	0	17.62	17.41	17.65	19	5
15	256QAM	36	20	17.37	17.43	17.32		
15	256QAM	36	39	17.50	17.46	17.49		
15	256QAM	75	0	17.41	17.53	17.53		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.47	22.70	22.47	24	0
10	QPSK	1	25	22.38	22.40	22.53		
10	QPSK	1	49	22.34	22.50	22.36		

10	QPSK	25	0	21.64	21.71	21.42	23	1
10	QPSK	25	12	21.55	21.59	21.48		
10	QPSK	25	25	21.65	21.54	21.56		
10	QPSK	50	0	21.37	21.72	21.68		
10	16QAM	1	0	21.85	21.90	21.90	23	1
10	16QAM	1	25	21.68	21.73	21.88		
10	16QAM	1	49	21.95	21.78	22.07		
10	16QAM	25	0	20.50	20.66	20.44	22	2
10	16QAM	25	12	20.52	20.58	20.61		
10	16QAM	25	25	20.68	20.62	20.39		
10	16QAM	50	0	20.45	20.58	20.41		
10	64QAM	1	0	20.55	20.46	20.54	22	2
10	64QAM	1	25	20.53	20.43	20.50		
10	64QAM	1	49	20.42	20.46	20.49		
10	64QAM	25	0	19.65	19.56	19.54	21	3
10	64QAM	25	12	19.54	19.71	19.72		
10	64QAM	25	25	19.79	19.57	19.63		
10	64QAM	50	0	19.42	19.64	19.53		
10	256QAM	1	0	17.49	17.29	17.45	19	5
10	256QAM	1	25	17.53	17.49	17.46		
10	256QAM	1	49	17.43	17.52	17.56		
10	256QAM	25	0	17.61	17.42	17.64	19	5
10	256QAM	25	12	17.32	17.40	17.33		
10	256QAM	25	25	17.53	17.55	17.59		
10	256QAM	50	0	17.44	17.59	17.53		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.47	22.73	22.40	24	0
5	QPSK	1	12	22.49	22.36	22.52		
5	QPSK	1	24	22.35	22.43	22.32		
5	QPSK	12	0	21.64	21.79	21.46	23	1
5	QPSK	12	7	21.59	21.54	21.39		
5	QPSK	12	13	21.63	21.52	21.52		
5	QPSK	25	0	21.39	21.68	21.65		
5	16QAM	1	0	21.89	22.02	21.90	23	1
5	16QAM	1	12	21.77	21.79	21.89		
5	16QAM	1	24	21.95	21.83	22.07		
5	16QAM	12	0	20.49	20.69	20.42	22	2
5	16QAM	12	7	20.47	20.61	20.58		
5	16QAM	12	13	20.65	20.59	20.40		
5	16QAM	25	0	20.45	20.64	20.43		
5	64QAM	1	0	20.56	20.51	20.49	22	2
5	64QAM	1	12	20.51	20.43	20.53		
5	64QAM	1	24	20.40	20.40	20.49		
5	64QAM	12	0	19.69	19.53	19.58	21	3
5	64QAM	12	7	19.55	19.66	19.66		
5	64QAM	12	13	19.85	19.60	19.65		
5	64QAM	25	0	19.53	19.67	19.65		
5	256QAM	1	0	17.43	17.20	17.39	19	5
5	256QAM	1	12	17.53	17.45	17.47		
5	256QAM	1	24	17.36	17.50	17.53		
5	256QAM	12	0	17.59	17.42	17.62	19	5
5	256QAM	12	7	17.39	17.35	17.32		
5	256QAM	12	13	17.56	17.49	17.49		
5	256QAM	25	0	17.45	17.56	17.46		
Channel				19965	20175	20385	Tune-up	MPR

Frequency (MHz)				1711.5	1732.5	1753.5	limit (dBm)	(dB)
3	QPSK	1	0	22.52	22.65	22.38	24	0
3	QPSK	1	8	22.44	22.43	22.54		
3	QPSK	1	14	22.34	22.46	22.36		
3	QPSK	8	0	21.61	21.73	21.49	23	1
3	QPSK	8	4	21.58	21.50	21.38		
3	QPSK	8	7	21.61	21.52	21.58		
3	QPSK	15	0	21.36	21.75	21.58	23	1
3	16QAM	1	0	21.94	21.95	21.97		
3	16QAM	1	8	21.71	21.74	21.90		
3	16QAM	1	14	21.93	21.78	22.01	22	2
3	16QAM	8	0	20.54	20.73	20.44		
3	16QAM	8	4	20.50	20.51	20.52		
3	16QAM	8	7	20.66	20.55	20.45	22	2
3	16QAM	15	0	20.38	20.63	20.43		
3	64QAM	1	0	20.61	20.49	20.51		
3	64QAM	1	8	20.51	20.43	20.51	22	2
3	64QAM	1	14	20.49	20.47	20.45		
3	64QAM	8	0	19.62	19.52	19.60		
3	64QAM	8	4	19.64	19.68	19.70	21	3
3	64QAM	8	7	19.87	19.64	19.65		
3	64QAM	15	0	19.50	19.72	19.64		
3	256QAM	1	0	17.45	17.21	17.38	19	5
3	256QAM	1	8	17.61	17.44	17.45		
3	256QAM	1	14	17.45	17.53	17.50		
3	256QAM	8	0	17.58	17.53	17.57	19	5
3	256QAM	8	4	17.39	17.35	17.34		
3	256QAM	8	7	17.53	17.57	17.49		
3	256QAM	15	0	17.47	17.53	17.50		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.51	22.60	22.51	24	0
1.4	QPSK	1	3	22.60	22.57	22.55		
1.4	QPSK	1	5	22.53	22.50	22.57		
1.4	QPSK	3	0	22.57	22.73	22.49		
1.4	QPSK	3	1	22.54	22.58	22.65		
1.4	QPSK	3	3	22.66	22.58	22.50	23	1
1.4	QPSK	6	0	21.48	21.52	21.61		
1.4	16QAM	1	0	21.69	21.46	21.57		
1.4	16QAM	1	3	21.70	21.63	21.78		
1.4	16QAM	1	5	21.52	21.64	21.77		
1.4	16QAM	3	0	21.99	22.20	22.08	23	1
1.4	16QAM	3	1	21.98	22.01	22.14		
1.4	16QAM	3	3	21.93	22.11	22.12		
1.4	16QAM	6	0	20.75	20.72	20.63		
1.4	64QAM	1	0	20.62	20.63	20.70		
1.4	64QAM	1	3	20.75	20.53	20.72	22	2
1.4	64QAM	1	5	20.54	20.50	20.48		
1.4	64QAM	3	0	20.60	20.74	20.67		
1.4	64QAM	3	1	20.66	20.58	20.66		
1.4	64QAM	3	3	20.62	20.47	20.43		
1.4	64QAM	6	0	20.42	20.52	20.53	21	3
1.4	256QAM	1	0	17.67	17.63	17.55	19	5
1.4	256QAM	1	3	17.61	17.49	17.58		
1.4	256QAM	1	5	17.55	17.46	17.52		

1.4	256QAM	3	0	17.71	17.51	17.55		
1.4	256QAM	3	1	17.54	17.47	17.51		
1.4	256QAM	3	3	17.66	17.59	17.64		
1.4	256QAM	6	0	17.56	17.68	17.65	19	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.72	22.89	22.78	23.8	0
20	QPSK	1	49	22.72	22.66	22.68		
20	QPSK	1	99	22.69	22.72	22.60		
20	QPSK	50	0	21.82	21.90	21.70	23	0.8
20	QPSK	50	24	21.78	21.71	21.78		
20	QPSK	50	50	21.88	21.83	21.81		
20	QPSK	100	0	21.77	21.86	21.79	23	0.8
20	16QAM	1	0	22.17	22.08	22.10		
20	16QAM	1	49	22.04	22.15	22.14		
20	16QAM	1	99	22.11	22.17	22.33	22	1.8
20	16QAM	50	0	20.94	20.83	20.71		
20	16QAM	50	24	20.81	20.79	20.89		
20	16QAM	50	50	20.82	20.73	20.75	22	1.8
20	16QAM	100	0	20.78	20.80	20.62		
20	64QAM	1	0	20.80	20.83	20.77	22	1.8
20	64QAM	1	49	20.87	20.80	20.72		
20	64QAM	1	99	20.78	20.81	20.74		
20	64QAM	50	0	19.93	19.91	19.76	21	2.8
20	64QAM	50	24	19.85	19.78	19.86		
20	64QAM	50	50	20.01	19.99	19.87		
20	64QAM	100	0	19.80	19.95	19.87	19	4.8
20	256QAM	1	0	17.70	17.58	17.70		
20	256QAM	1	49	17.81	17.79	17.70		
20	256QAM	1	99	17.69	17.64	17.83	19	4.8
20	256QAM	50	0	17.83	17.61	17.76		
20	256QAM	50	24	17.69	17.70	17.67		
20	256QAM	50	50	17.77	17.70	17.76	19	4.8
20	256QAM	100	0	17.69	17.73	17.72		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.68	22.74	22.72		
15	QPSK	1	37	22.69	22.73	22.73	23.8	0
15	QPSK	1	74	22.68	22.69	22.61		
15	QPSK	36	0	21.82	21.95	21.72	23	0.8
15	QPSK	36	20	21.81	21.78	21.73		
15	QPSK	36	39	21.95	21.75	21.75		
15	QPSK	75	0	21.70	21.84	21.77	23	0.8
15	16QAM	1	0	22.11	22.16	22.15		
15	16QAM	1	37	22.09	22.18	22.14		
15	16QAM	1	74	22.11	22.14	22.32	22	1.8
15	16QAM	36	0	20.97	20.84	20.70		
15	16QAM	36	20	20.83	20.86	20.90		
15	16QAM	36	39	20.81	20.74	20.84	22	1.8
15	16QAM	75	0	20.70	20.79	20.65		

15	64QAM	1	0	20.79	20.85	20.77	22	1.8
15	64QAM	1	37	20.85	20.80	20.71		
15	64QAM	1	74	20.75	20.79	20.74		
15	64QAM	36	0	19.94	19.91	19.76	21	2.8
15	64QAM	36	20	19.89	19.80	19.90		
15	64QAM	36	39	20.01	19.98	19.92		
15	64QAM	75	0	19.75	19.93	19.87	19	4.8
15	256QAM	1	0	17.77	17.55	17.71		
15	256QAM	1	37	17.80	17.79	17.68		
15	256QAM	1	74	17.69	17.66	17.78	19	4.8
15	256QAM	36	0	17.81	17.65	17.82		
15	256QAM	36	20	17.73	17.69	17.65		
15	256QAM	36	39	17.72	17.69	17.76		
15	256QAM	75	0	17.70	17.72	17.75	Tune-up limit (dBm)	MPR (dB)
Channel				132022	132322	132622		
Frequency (MHz)				1715	1745	1775	23.8	0
10	QPSK	1	0	22.61	22.75	22.74		
10	QPSK	1	25	22.71	22.66	22.75		
10	QPSK	1	49	22.66	22.72	22.67	23	0.8
10	QPSK	25	0	21.81	21.94	21.77		
10	QPSK	25	12	21.86	21.72	21.76		
10	QPSK	25	25	21.97	21.78	21.78		
10	QPSK	50	0	21.75	21.89	21.84	23	0.8
10	16QAM	1	0	22.12	22.06	22.09		
10	16QAM	1	25	22.06	22.17	22.23		
10	16QAM	1	49	22.17	22.12	22.33	22	1.8
10	16QAM	25	0	20.94	20.82	20.71		
10	16QAM	25	12	20.77	20.81	20.93		
10	16QAM	25	25	20.85	20.73	20.76		
10	16QAM	50	0	20.75	20.78	20.66	22	1.8
10	64QAM	1	0	20.78	20.81	20.74		
10	64QAM	1	25	20.85	20.81	20.81		
10	64QAM	1	49	20.72	20.78	20.81	21	2.8
10	64QAM	25	0	20.03	19.85	19.75		
10	64QAM	25	12	19.82	19.82	19.85		
10	64QAM	25	25	20.03	19.93	19.92		
10	64QAM	50	0	19.80	19.87	19.90	19	4.8
10	256QAM	1	0	17.77	17.62	17.71		
10	256QAM	1	25	17.78	17.73	17.69		
10	256QAM	1	49	17.63	17.66	17.85	19	4.8
10	256QAM	25	0	17.77	17.63	17.78		
10	256QAM	25	12	17.75	17.75	17.67		
10	256QAM	25	25	17.73	17.73	17.74		
10	256QAM	50	0	17.71	17.78	17.76	Tune-up limit (dBm)	MPR (dB)
Channel				131997	132322	132647		
Frequency (MHz)				1712.5	1745	1777.5	23.8	0
5	QPSK	1	0	22.62	22.71	22.70		
5	QPSK	1	12	22.72	22.65	22.69		
5	QPSK	1	24	22.68	22.73	22.61	23	0.8
5	QPSK	12	0	21.75	21.98	21.68		
5	QPSK	12	7	21.82	21.78	21.77		
5	QPSK	12	13	21.93	21.80	21.80		
5	QPSK	25	0	21.79	21.88	21.80	23	0.8
5	16QAM	1	0	22.13	22.09	22.16		
5	16QAM	1	12	22.01	22.14	22.21	Tune-up limit (dBm)	MPR (dB)
Channel				131997	132322	132647		
Frequency (MHz)				1712.5	1745	1777.5		

5	16QAM	1	24	22.10	22.13	22.34	22	1.8
5	16QAM	12	0	20.90	20.86	20.70		
5	16QAM	12	7	20.80	20.80	20.86		
5	16QAM	12	13	20.86	20.75	20.85		
5	16QAM	25	0	20.71	20.82	20.68		
5	64QAM	1	0	20.78	20.82	20.77	22	1.8
5	64QAM	1	12	20.82	20.78	20.80		
5	64QAM	1	24	20.77	20.84	20.84		
5	64QAM	12	0	19.96	19.91	19.80	21	2.8
5	64QAM	12	7	19.80	19.77	19.86		
5	64QAM	12	13	20.04	19.98	19.89		
5	64QAM	25	0	19.73	19.92	19.94		
5	256QAM	1	0	17.76	17.59	17.71	19	4.8
5	256QAM	1	12	17.85	17.76	17.65		
5	256QAM	1	24	17.65	17.72	17.79		
5	256QAM	12	0	17.80	17.61	17.74	19	4.8
5	256QAM	12	7	17.71	17.65	17.62		
5	256QAM	12	13	17.70	17.69	17.70		
5	256QAM	25	0	17.65	17.73	17.69		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.61	22.70	22.67	23.8	0
3	QPSK	1	8	22.67	22.63	22.69		
3	QPSK	1	14	22.67	22.70	22.68		
3	QPSK	8	0	21.72	21.89	21.71	23	0.8
3	QPSK	8	4	21.88	21.73	21.70		
3	QPSK	8	7	21.92	21.79	21.81		
3	QPSK	15	0	21.75	21.82	21.82		
3	16QAM	1	0	22.15	22.12	22.10	23	0.8
3	16QAM	1	8	22.07	22.12	22.19		
3	16QAM	1	14	22.12	22.12	22.33		
3	16QAM	8	0	20.96	20.88	20.76	22	1.8
3	16QAM	8	4	20.82	20.81	20.86		
3	16QAM	8	7	20.86	20.82	20.83		
3	16QAM	15	0	20.72	20.78	20.70		
3	64QAM	1	0	20.85	20.86	20.75	22	1.8
3	64QAM	1	8	20.83	20.76	20.76		
3	64QAM	1	14	20.75	20.84	20.74		
3	64QAM	8	0	19.98	19.84	19.81	21	2.8
3	64QAM	8	4	19.83	19.79	19.91		
3	64QAM	8	7	19.96	19.91	19.87		
3	64QAM	15	0	19.73	19.90	19.92		
3	256QAM	1	0	17.69	17.62	17.72	19	4.8
3	256QAM	1	8	17.79	17.79	17.68		
3	256QAM	1	14	17.63	17.71	17.84		
3	256QAM	8	0	17.81	17.65	17.80	19	4.8
3	256QAM	8	4	17.67	17.66	17.68		
3	256QAM	8	7	17.73	17.75	17.74		
3	256QAM	15	0	17.68	17.73	17.75		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.60	22.77	22.58	23.8	0
1.4	QPSK	1	3	22.73	22.67	22.69		
1.4	QPSK	1	5	22.66	22.64	22.71		
1.4	QPSK	3	0	22.64	22.81	22.66		

1.4	QPSK	3	1	22.66	22.65	22.77		
1.4	QPSK	3	3	22.73	22.69	22.60		
1.4	QPSK	6	0	21.60	21.67	21.68	23	0.8
1.4	16QAM	1	0	21.76	21.62	21.69	23	0.8
1.4	16QAM	1	3	21.87	21.80	21.90		
1.4	16QAM	1	5	21.59	21.70	21.83		
1.4	16QAM	3	0	22.14	22.26	22.23		
1.4	16QAM	3	1	22.08	22.08	22.25		
1.4	16QAM	3	3	22.06	22.24	22.24	22	1.8
1.4	16QAM	6	0	20.81	20.83	20.75		
1.4	64QAM	1	0	20.78	20.74	20.82	22	1.8
1.4	64QAM	1	3	20.83	20.71	20.81		
1.4	64QAM	1	5	20.60	20.64	20.59		
1.4	64QAM	3	0	20.77	20.80	20.85		
1.4	64QAM	3	1	20.84	20.74	20.78		
1.4	64QAM	3	3	20.70	20.62	20.60	21	2.8
1.4	64QAM	6	0	20.55	20.65	20.69		
1.4	256QAM	1	0	17.82	17.70	17.67	19	4.8
1.4	256QAM	1	3	17.78	17.61	17.67		
1.4	256QAM	1	5	17.68	17.63	17.68		
1.4	256QAM	3	0	17.80	17.59	17.71		
1.4	256QAM	3	1	17.63	17.55	17.58		
1.4	256QAM	3	3	17.74	17.76	17.72	19	4.8
1.4	256QAM	6	0	17.71	17.79	17.82		

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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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.25	20.38	20.15	20.9	0
20	QPSK	1	49	20.05	20.21	20.12		
20	QPSK	1	99	20.05	20.19	20.22		
20	QPSK	50	0	19.90	19.96	19.89	20.9	0
20	QPSK	50	24	19.93	19.95	19.93		
20	QPSK	50	50	19.80	19.94	19.92		
20	QPSK	100	0	19.78	19.94	19.77	20.9	0
20	16QAM	1	0	20.14	20.27	20.09		
20	16QAM	1	49	20.26	20.29	20.30		
20	16QAM	1	99	20.37	20.28	20.28	20.9	0
20	16QAM	50	0	19.98	20.10	19.97		
20	16QAM	50	24	19.78	19.86	19.79		
20	16QAM	50	50	19.84	20.03	19.81	20.9	0
20	16QAM	100	0	19.94	19.94	19.81		
20	64QAM	1	0	19.91	20.04	19.84		
20	64QAM	1	49	20.06	20.19	20.15	20.9	0
20	64QAM	1	99	20.01	20.13	20.13		
20	64QAM	50	0	19.95	19.98	20.11		
20	64QAM	50	24	19.69	19.88	19.85	20.9	0
20	64QAM	50	50	19.77	19.94	19.80		
20	64QAM	100	0	19.81	19.94	19.87		
20	256QAM	1	0	18.24	18.35	18.35	20	0.9
20	256QAM	1	49	18.31	18.30	18.40		
20	256QAM	1	99	18.25	18.41	18.25		
20	256QAM	50	0	18.10	18.28	18.27	20	0.9

20	256QAM	50	24	18.12	18.28	18.18		
20	256QAM	50	50	18.20	18.18	18.16		
20	256QAM	100	0	18.21	18.42	18.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.01	20.20	19.96	20.9	0
15	QPSK	1	37	19.81	19.98	19.93		
15	QPSK	1	74	19.88	20.01	20.04		
15	QPSK	36	0	19.74	19.76	19.66	20.9	0
15	QPSK	36	20	19.77	19.76	19.73		
15	QPSK	36	39	19.62	19.76	19.70		
15	QPSK	75	0	19.58	19.76	19.55	20.9	0
15	16QAM	1	0	19.92	20.10	19.94		
15	16QAM	1	37	20.01	20.17	20.06		
15	16QAM	1	74	20.21	20.08	20.07	20.9	0
15	16QAM	36	0	19.81	19.89	19.79		
15	16QAM	36	20	19.60	19.66	19.56		
15	16QAM	36	39	19.68	19.82	19.57	20.9	0
15	16QAM	75	0	19.72	19.78	19.60		
15	64QAM	1	0	19.74	19.80	19.61		
15	64QAM	1	37	19.84	19.95	19.99	20.9	0
15	64QAM	1	74	19.77	19.91	19.98		
15	64QAM	36	0	19.71	19.73	19.96		
15	64QAM	36	20	19.56	19.66	19.63	20.9	0
15	64QAM	36	39	19.64	19.71	19.64		
15	64QAM	75	0	19.64	19.72	19.68		
15	256QAM	1	0	18.19	18.24	18.21	20	0.9
15	256QAM	1	37	18.28	18.20	18.29		
15	256QAM	1	74	18.16	18.26	18.15		
15	256QAM	36	0	18.00	18.12	18.16	20	0.9
15	256QAM	36	20	18.02	18.11	18.04		
15	256QAM	36	39	18.02	18.05	18.01		
15	256QAM	75	0	18.12	18.34	18.07	Tune-up limit (dBm)	MPR (dB)
Channel				20800	21100	21400		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.02	20.21	19.93	20.9	0
10	QPSK	1	25	19.84	19.99	19.89		
10	QPSK	1	49	19.90	20.00	20.01		
10	QPSK	25	0	19.71	19.76	19.70	20.9	0
10	QPSK	25	12	19.76	19.70	19.72		
10	QPSK	25	25	19.58	19.72	19.68		
10	QPSK	50	0	19.57	19.74	19.62	20.9	0
10	16QAM	1	0	19.92	20.08	19.91		
10	16QAM	1	25	20.03	20.15	20.12		
10	16QAM	1	49	20.22	20.05	20.10	20.9	0
10	16QAM	25	0	19.78	19.90	19.81		
10	16QAM	25	12	19.61	19.65	19.56		
10	16QAM	25	25	19.64	19.84	19.65	20.9	0
10	16QAM	50	0	19.72	19.73	19.57		
10	64QAM	1	0	19.68	19.85	19.60		
10	64QAM	1	25	19.82	19.95	19.98	20.9	0
10	64QAM	1	49	19.77	19.97	19.98		
10	64QAM	25	0	19.76	19.75	19.94		
10	64QAM	25	12	19.61	19.64	19.68	20.9	0
10	64QAM	25	25	19.61	19.78	19.58		

10	64QAM	50	0	19.59	19.75	19.70		
10	256QAM	1	0	18.17	18.24	18.24	20	0.9
10	256QAM	1	25	18.24	18.17	18.22		
10	256QAM	1	49	18.16	18.26	18.17		
10	256QAM	25	0	18.08	18.15	18.20	20	0.9
10	256QAM	25	12	18.02	18.10	18.01		
10	256QAM	25	25	18.04	18.05	18.04		
10	256QAM	50	0	18.05	18.29	18.06		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.03	20.20	19.96	20.9	0
5	QPSK	1	12	19.81	19.97	19.96		
5	QPSK	1	24	19.83	19.96	20.03		
5	QPSK	12	0	19.67	19.76	19.69	20.9	0
5	QPSK	12	7	19.77	19.76	19.69		
5	QPSK	12	13	19.62	19.74	19.67		
5	QPSK	25	0	19.58	19.77	19.61	20.9	0
5	16QAM	1	0	19.98	20.05	19.88		
5	16QAM	1	12	20.05	20.15	20.08		
5	16QAM	1	24	20.16	20.11	20.05	20.9	0
5	16QAM	12	0	19.80	19.85	19.81		
5	16QAM	12	7	19.59	19.62	19.62		
5	16QAM	12	13	19.64	19.80	19.63	20.9	0
5	16QAM	25	0	19.78	19.71	19.60		
5	64QAM	1	0	19.68	19.81	19.61	20.9	0
5	64QAM	1	12	19.90	19.97	19.94		
5	64QAM	1	24	19.78	19.90	19.90		
5	64QAM	12	0	19.71	19.76	19.90	20.9	0
5	64QAM	12	7	19.61	19.63	19.63		
5	64QAM	12	13	19.55	19.75	19.63		
5	64QAM	25	0	19.63	19.79	19.63	20	0.9
5	256QAM	1	0	18.22	18.24	18.21		
5	256QAM	1	12	18.20	18.15	18.27		
5	256QAM	1	24	18.09	18.26	18.14	20	0.9
5	256QAM	12	0	18.05	18.22	18.15		
5	256QAM	12	7	18.02	18.18	18.00		
5	256QAM	12	13	18.02	18.06	18.00	20	0.9
5	256QAM	25	0	18.09	18.31	18.01		

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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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.64	21.66	21.49		
10	QPSK	1	25	21.65	21.55	21.60	23	0
10	QPSK	1	49	21.57	21.58	21.55		
10	QPSK	25	0	20.56	20.85	20.54		
10	QPSK	25	12	20.66	20.56	20.72	22	1
10	QPSK	25	25	20.78	20.71	20.80		
10	QPSK	50	0	20.58	20.72	20.69		
10	16QAM	1	0	21.10	20.98	21.07	22	1
10	16QAM	1	25	20.95	20.94	20.98		
10	16QAM	1	49	20.93	21.07	21.28		

10	16QAM	25	0	19.85	19.65	19.69	21	2
10	16QAM	25	12	19.62	19.76	19.82		
10	16QAM	25	25	19.83	19.72	19.60		
10	16QAM	50	0	19.60	19.60	19.47		
10	64QAM	1	0	19.82	19.63	19.75	21	2
10	64QAM	1	25	19.83	19.63	19.63		
10	64QAM	1	49	19.70	19.76	19.71		
10	64QAM	25	0	18.93	18.87	18.66	20	3
10	64QAM	25	12	18.74	18.76	18.78		
10	64QAM	25	25	18.93	18.93	18.89		
10	64QAM	50	0	18.69	18.71	18.90		
10	256QAM	1	0	16.74	16.57	16.62	18	5
10	256QAM	1	25	16.82	16.73	16.53		
10	256QAM	1	49	16.61	16.66	16.79		
10	256QAM	25	0	16.63	16.44	16.61	18	5
10	256QAM	25	12	16.61	16.53	16.48		
10	256QAM	25	25	16.60	16.55	16.63		
10	256QAM	50	0	16.59	16.59	16.56		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.55	21.59	21.54	23	0
5	QPSK	1	12	21.70	21.60	21.50		
5	QPSK	1	24	21.57	21.49	21.50		
5	QPSK	12	0	20.64	20.73	20.53	22	1
5	QPSK	12	7	20.53	20.60	20.68		
5	QPSK	12	13	20.71	20.63	20.79		
5	QPSK	25	0	20.44	20.80	20.77		
5	16QAM	1	0	21.16	21.02	20.97	22	1
5	16QAM	1	12	20.90	21.00	21.01		
5	16QAM	1	24	21.00	21.08	21.23		
5	16QAM	12	0	19.80	19.59	19.56	21	2
5	16QAM	12	7	19.58	19.76	19.74		
5	16QAM	12	13	19.70	19.64	19.47		
5	16QAM	25	0	19.48	19.47	19.35		
5	64QAM	1	0	19.79	19.56	19.80	21	2
5	64QAM	1	12	19.84	19.60	19.59		
5	64QAM	1	24	19.61	19.77	19.81		
5	64QAM	12	0	18.80	18.77	18.74	20	3
5	64QAM	12	7	18.68	18.70	18.88		
5	64QAM	12	13	18.89	18.88	18.98		
5	64QAM	25	0	18.61	18.66	18.85		
5	256QAM	1	0	16.68	16.50	16.70	18	5
5	256QAM	1	12	16.68	16.79	16.46		
5	256QAM	1	24	16.51	16.69	16.85		
5	256QAM	12	0	16.71	16.43	16.70	18	5
5	256QAM	12	7	16.59	16.51	16.42		
5	256QAM	12	13	16.52	16.42	16.60		
5	256QAM	25	0	16.51	16.63	16.50		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.61	21.73	21.55	23	0
3	QPSK	1	8	21.58	21.47	21.69		
3	QPSK	1	14	21.64	21.50	21.64		
3	QPSK	8	0	20.61	20.88	20.60	22	1
3	QPSK	8	4	20.53	20.54	20.62		

3	QPSK	8	7	20.78	20.77	20.74		
3	QPSK	15	0	20.63	20.76	20.66		
3	16QAM	1	0	21.11	21.04	20.93		
3	16QAM	1	8	20.97	21.02	20.88	22	1
3	16QAM	1	14	20.85	21.12	21.14	21	2
3	16QAM	8	0	19.94	19.65	19.75		
3	16QAM	8	4	19.56	19.77	19.91		
3	16QAM	8	7	19.81	19.66	19.49		
3	16QAM	15	0	19.65	19.54	19.50	21	2
3	64QAM	1	0	19.89	19.65	19.66		
3	64QAM	1	8	19.76	19.73	19.70		
3	64QAM	1	14	19.73	19.71	19.81	20	3
3	64QAM	8	0	18.79	18.73	18.63		
3	64QAM	8	4	18.79	18.72	18.82		
3	64QAM	8	7	18.83	19.02	18.79		
3	64QAM	15	0	18.72	18.72	18.78	18	5
3	256QAM	1	0	16.78	16.56	16.66		
3	256QAM	1	8	16.78	16.67	16.46		
3	256QAM	1	14	16.71	16.58	16.69	18	5
3	256QAM	8	0	16.60	16.45	16.52		
3	256QAM	8	4	16.67	16.50	16.45		
3	256QAM	8	7	16.64	16.62	16.52		
3	256QAM	15	0	16.55	16.54	16.52	Tune-up limit (dBm)	MPR (dB)
Channel				20407	20525	20643		
Frequency (MHz)				824.7	836.5	848.3	23	0
1.4	QPSK	1	0	21.51	21.58	21.47		
1.4	QPSK	1	3	21.60	21.46	21.43		
1.4	QPSK	1	5	21.60	21.43	21.45		
1.4	QPSK	3	0	21.43	21.68	21.45		
1.4	QPSK	3	1	21.46	21.53	21.52		
1.4	QPSK	3	3	21.39	21.41	21.50		
1.4	QPSK	6	0	20.42	20.48	20.49	22	1
1.4	16QAM	1	0	20.67	20.42	20.52	22	1
1.4	16QAM	1	3	20.83	20.76	20.72		
1.4	16QAM	1	5	20.46	20.51	20.69		
1.4	16QAM	3	0	21.13	21.09	20.96		
1.4	16QAM	3	1	21.00	20.91	21.03		
1.4	16QAM	3	3	20.89	21.06	21.16		
1.4	16QAM	6	0	19.55	19.57	19.70	21	2
1.4	64QAM	1	0	19.67	19.60	19.70	21	2
1.4	64QAM	1	3	19.57	19.60	19.58		
1.4	64QAM	1	5	19.49	19.38	19.38		
1.4	64QAM	3	0	19.58	19.53	19.70		
1.4	64QAM	3	1	19.65	19.58	19.71		
1.4	64QAM	3	3	19.63	19.56	19.66		
1.4	64QAM	6	0	19.34	19.54	19.48	20	3
1.4	256QAM	1	0	16.61	16.59	16.49	18	5
1.4	256QAM	1	3	16.60	16.55	16.44		
1.4	256QAM	1	5	16.56	16.60	16.44		
1.4	256QAM	3	0	16.69	16.59	16.46		
1.4	256QAM	3	1	16.47	16.45	16.40		
1.4	256QAM	3	3	16.58	16.55	16.60		
1.4	256QAM	6	0	16.50	16.60	16.65	18	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				23230				
Frequency (MHz)				782				
10	QPSK	1	0		21.77		23	0
10	QPSK	1	25		21.51			
10	QPSK	1	49		21.64			
10	QPSK	25	0		20.75		22	1
10	QPSK	25	12		20.70			
10	QPSK	25	25		20.71			
10	QPSK	50	0		20.73		22	1
10	16QAM	1	0		21.07			
10	16QAM	1	25		21.20			
10	16QAM	1	49		21.05		21	2
10	16QAM	25	0		19.67			
10	16QAM	25	12		19.73			
10	16QAM	25	25		19.63		21	2
10	16QAM	50	0		19.67			
10	64QAM	1	0		19.69			
10	64QAM	1	25		19.71		21	2
10	64QAM	1	49		19.70			
10	64QAM	25	0		18.84			
10	64QAM	25	12		18.67		20	3
10	64QAM	25	25		18.84			
10	64QAM	50	0		18.76			
10	256QAM	1	0		16.59		18	5
10	256QAM	1	25		16.61			
10	256QAM	1	49		16.70			
10	256QAM	25	0		16.66		18	5
10	256QAM	25	12		16.60			
10	256QAM	25	25		16.52			
10	256QAM	50	0		16.63			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.60	21.68	21.57	23	0
5	QPSK	1	12	21.75	21.56	21.61		
5	QPSK	1	24	21.45	21.64	21.53		
5	QPSK	12	0	20.82	21.02	20.52	22	1
5	QPSK	12	7	20.72	20.75	20.63		
5	QPSK	12	13	20.94	20.85	20.76		
5	QPSK	25	0	20.80	20.82	20.59	22	1
5	16QAM	1	0	21.19	20.99	21.00		
5	16QAM	1	12	20.97	21.06	21.08		
5	16QAM	1	24	20.95	21.00	21.20	21	2
5	16QAM	12	0	19.89	19.72	19.70		
5	16QAM	12	7	19.78	19.72	19.72		
5	16QAM	12	13	19.72	19.86	19.81	21	2
5	16QAM	25	0	19.70	19.61	19.54		
5	64QAM	1	0	19.70	19.65	19.70		
5	64QAM	1	12	19.72	19.87	19.62	21	2
5	64QAM	1	24	19.66	19.82	19.64		
5	64QAM	12	0	18.92	18.74	18.76		
5	64QAM	12	7	18.75	18.69	18.98	20	3
5	64QAM	12	13	18.84	18.74	18.84		

5	64QAM	25	0	18.60	18.87	18.72	18	5
5	256QAM	1	0	16.70	16.62	16.64		
5	256QAM	1	12	16.72	16.77	16.66		
5	256QAM	1	24	16.47	16.64	16.79		
5	256QAM	12	0	16.64	16.65	16.70	18	5
5	256QAM	12	7	16.64	16.70	16.58		
5	256QAM	12	13	16.67	16.68	16.53		
5	256QAM	25	0	16.59	16.61	16.79		

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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				23780	23790	23800	23	0
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.58	21.78	21.76		
10	QPSK	1	25	21.57	21.56	21.55	22	1
10	QPSK	1	49	21.69	21.68	21.49		
10	QPSK	25	0	20.82	20.85	20.70		
10	QPSK	25	12	20.84	20.81	20.75		
10	QPSK	25	25	20.53	20.75	20.74	22	1
10	QPSK	50	0	20.70	20.81	20.80		
10	16QAM	1	0	21.07	21.08	21.17		
10	16QAM	1	25	21.10	21.08	21.14		
10	16QAM	1	49	21.21	21.08	21.30	21	2
10	16QAM	25	0	19.91	20.01	19.74		
10	16QAM	25	12	19.78	19.93	19.87		
10	16QAM	25	25	19.89	19.88	19.72		
10	16QAM	50	0	19.75	19.75	19.68	21	2
10	64QAM	1	0	19.98	19.84	19.91		
10	64QAM	1	25	19.86	19.81	19.68		
10	64QAM	1	49	19.82	19.70	19.76		
10	64QAM	25	0	18.99	18.81	18.68	20	3
10	64QAM	25	12	18.91	18.80	18.97		
10	64QAM	25	25	18.87	18.89	18.83		
10	64QAM	50	0	18.84	18.91	19.02		
10	256QAM	1	0	16.64	16.63	16.74	18	5
10	256QAM	1	25	16.86	16.80	16.66		
10	256QAM	1	49	16.72	16.67	16.86		
10	256QAM	25	0	16.74	16.67	16.88		
10	256QAM	25	12	16.77	16.72	16.62	18	5
10	256QAM	25	25	16.60	16.72	16.56		
10	256QAM	50	0	16.68	16.74	16.67		
Channel				23755	23790	23825	23	0
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.63	21.72	21.70		
5	QPSK	1	12	21.66	21.68	21.72	22	1
5	QPSK	1	24	21.60	21.74	21.55		
5	QPSK	12	0	20.76	21.02	20.73		
5	QPSK	12	7	20.81	20.85	20.92		
5	QPSK	12	13	20.72	20.80	20.78	22	1
5	QPSK	25	0	20.89	20.91	20.80		
5	16QAM	1	0	21.22	21.23	21.03		
5	16QAM	1	12	20.95	21.12	21.09		
5	16QAM	1	24	21.29	21.12	21.37	22	1

5	16QAM	12	0	20.02	19.88	19.65	21	2
5	16QAM	12	7	19.73	19.76	19.74		
5	16QAM	12	13	19.95	19.83	19.93		
5	16QAM	25	0	19.70	19.82	19.68		
5	64QAM	1	0	19.78	19.77	19.79	21	2
5	64QAM	1	12	19.82	19.70	19.68		
5	64QAM	1	24	19.86	19.85	19.75		
5	64QAM	12	0	19.05	18.91	18.87	20	3
5	64QAM	12	7	18.94	18.86	18.85		
5	64QAM	12	13	18.90	18.94	18.94		
5	64QAM	25	0	18.94	18.95	18.99		
5	256QAM	1	0	16.66	16.54	16.79	18	5
5	256QAM	1	12	16.86	16.85	16.81		
5	256QAM	1	24	16.59	16.66	16.90		
5	256QAM	12	0	16.91	16.62	16.86	18	5
5	256QAM	12	7	16.77	16.88	16.72		
5	256QAM	12	13	16.72	16.67	16.65		
5	256QAM	25	0	16.68	16.92	16.67		

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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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.36	21.64	21.34	23	0
15	QPSK	1	37	21.45	21.44	21.34		
15	QPSK	1	74	21.53	21.48	21.27		
15	QPSK	36	0	20.49	20.68	20.37	22	1
15	QPSK	36	20	20.40	20.53	20.35		
15	QPSK	36	39	20.66	20.65	20.56		
15	QPSK	75	0	20.48	20.68	20.43		
15	16QAM	1	0	20.79	20.93	20.79	22	1
15	16QAM	1	37	20.80	20.96	20.99		
15	16QAM	1	74	21.01	20.82	20.91		
15	16QAM	36	0	19.61	19.57	19.39	21	2
15	16QAM	36	20	19.52	19.65	19.56		
15	16QAM	36	39	19.64	19.59	19.51		
15	16QAM	75	0	19.41	19.50	19.42		
15	64QAM	1	0	19.62	19.67	19.50	21	2
15	64QAM	1	37	19.66	19.65	19.50		
15	64QAM	1	74	19.42	19.48	19.45		
15	64QAM	36	0	18.66	18.63	18.58	20	3
15	64QAM	36	20	18.45	18.63	18.61		
15	64QAM	36	39	18.74	18.57	18.69		
15	64QAM	75	0	18.45	18.59	18.54		
15	256QAM	1	0	16.38	16.19	16.52	18	5
15	256QAM	1	37	16.62	16.39	16.41		
15	256QAM	1	74	16.34	16.34	16.48		
15	256QAM	36	0	16.49	16.52	16.33	18	5
15	256QAM	36	20	16.38	16.29	16.52		
15	256QAM	36	39	16.34	16.43	16.43		
15	256QAM	75	0	16.39	16.46	16.33		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		

10	QPSK	1	0	21.24	21.43	21.28	23	0
10	QPSK	1	25	21.55	21.47	21.36		
10	QPSK	1	49	21.36	21.33	21.33		
10	QPSK	25	0	20.52	20.63	20.45	22	1
10	QPSK	25	12	20.52	20.48	20.49		
10	QPSK	25	25	20.69	20.57	20.54		
10	QPSK	50	0	20.54	20.69	20.51	22	1
10	16QAM	1	0	20.91	20.75	20.80		
10	16QAM	1	25	20.90	20.85	21.05		
10	16QAM	1	49	21.00	20.83	20.98	21	2
10	16QAM	25	0	19.79	19.55	19.50		
10	16QAM	25	12	19.51	19.48	19.53		
10	16QAM	25	25	19.67	19.57	19.51	21	2
10	16QAM	50	0	19.45	19.56	19.46		
10	64QAM	1	0	19.48	19.56	19.44		
10	64QAM	1	25	19.52	19.45	19.59	21	2
10	64QAM	1	49	19.52	19.39	19.43		
10	64QAM	25	0	18.61	18.55	18.66		
10	64QAM	25	12	18.47	18.54	18.61	20	3
10	64QAM	25	25	18.72	18.60	18.58		
10	64QAM	50	0	18.46	18.58	18.68		
10	256QAM	1	0	16.53	16.37	16.45	18	5
10	256QAM	1	25	16.47	16.58	16.37		
10	256QAM	1	49	16.27	16.31	16.56		
10	256QAM	25	0	16.48	16.41	16.33	18	5
10	256QAM	25	12	16.41	16.32	16.50		
10	256QAM	25	25	16.53	16.43	16.48		
10	256QAM	50	0	16.33	16.50	16.50	Tune-up limit (dBm)	MPR (dB)
Channel				26715	26865	27015		
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.37	21.43	21.35	23	0
5	QPSK	1	12	21.41	21.39	21.35		
5	QPSK	1	24	21.58	21.42	21.30		
5	QPSK	12	0	20.64	20.62	20.48	22	1
5	QPSK	12	7	20.59	20.46	20.36		
5	QPSK	12	13	20.62	20.63	20.36		
5	QPSK	25	0	20.46	20.55	20.36	22	1
5	16QAM	1	0	20.85	20.91	20.83		
5	16QAM	1	12	20.81	20.95	20.98		
5	16QAM	1	24	20.97	20.94	21.01	21	2
5	16QAM	12	0	19.67	19.66	19.53		
5	16QAM	12	7	19.42	19.58	19.73		
5	16QAM	12	13	19.47	19.58	19.48	21	2
5	16QAM	25	0	19.34	19.57	19.47		
5	64QAM	1	0	19.55	19.69	19.45		
5	64QAM	1	12	19.69	19.63	19.52	21	2
5	64QAM	1	24	19.58	19.39	19.56		
5	64QAM	12	0	18.78	18.44	18.65		
5	64QAM	12	7	18.53	18.64	18.71	20	3
5	64QAM	12	13	18.75	18.58	18.57		
5	64QAM	25	0	18.39	18.70	18.64		
5	256QAM	1	0	16.35	16.35	16.42	18	5
5	256QAM	1	12	16.58	16.55	16.48		
5	256QAM	1	24	16.20	16.31	16.61		
5	256QAM	12	0	16.55	16.37	16.34	18	5
5	256QAM	12	7	16.47	16.40	16.36		

5	256QAM	12	13	16.30	16.40	16.32		
5	256QAM	25	0	16.42	16.50	16.39		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.31	21.49	21.48	23	0
3	QPSK	1	8	21.44	21.36	21.35		
3	QPSK	1	14	21.43	21.39	21.26		
3	QPSK	8	0	20.57	20.70	20.48	22	1
3	QPSK	8	4	20.52	20.50	20.41		
3	QPSK	8	7	20.71	20.55	20.36		
3	QPSK	15	0	20.47	20.63	20.48		
3	16QAM	1	0	20.84	20.92	20.80	22	1
3	16QAM	1	8	20.76	20.81	21.01		
3	16QAM	1	14	21.00	20.77	20.95		
3	16QAM	8	0	19.75	19.66	19.41	21	2
3	16QAM	8	4	19.61	19.70	19.58		
3	16QAM	8	7	19.47	19.60	19.64		
3	16QAM	15	0	19.37	19.55	19.32		
3	64QAM	1	0	19.67	19.62	19.48	21	2
3	64QAM	1	8	19.52	19.50	19.41		
3	64QAM	1	14	19.46	19.43	19.45		
3	64QAM	8	0	18.77	18.47	18.46	20	3
3	64QAM	8	4	18.63	18.52	18.57		
3	64QAM	8	7	18.63	18.73	18.70		
3	64QAM	15	0	18.53	18.61	18.57		
3	256QAM	1	0	16.55	16.21	16.42	18	5
3	256QAM	1	8	16.47	16.39	16.48		
3	256QAM	1	14	16.32	16.32	16.59		
3	256QAM	8	0	16.61	16.53	16.34	18	5
3	256QAM	8	4	16.28	16.30	16.50		
3	256QAM	8	7	16.32	16.29	16.39		
3	256QAM	15	0	16.38	16.55	16.46		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.25	21.52	21.38	23	0
1.4	QPSK	1	3	21.53	21.52	21.39		
1.4	QPSK	1	5	21.49	21.31	21.38		
1.4	QPSK	3	0	20.49	20.63	20.41		
1.4	QPSK	3	1	20.41	20.54	20.40		
1.4	QPSK	3	3	20.57	20.65	20.54		
1.4	QPSK	6	0	20.52	20.57	20.57	22	1
1.4	16QAM	1	0	20.85	20.93	20.95	22	1
1.4	16QAM	1	3	20.78	20.79	20.84		
1.4	16QAM	1	5	20.98	20.84	21.03		
1.4	16QAM	3	0	19.62	19.72	19.41		
1.4	16QAM	3	1	19.46	19.53	19.64		
1.4	16QAM	3	3	19.68	19.53	19.53		
1.4	16QAM	6	0	19.30	19.49	19.48	21	2
1.4	64QAM	1	0	19.52	19.63	19.41	21	2
1.4	64QAM	1	3	19.65	19.63	19.61		
1.4	64QAM	1	5	19.52	19.48	19.41		
1.4	64QAM	3	0	18.63	18.47	18.64		
1.4	64QAM	3	1	18.63	18.61	18.51		
1.4	64QAM	3	3	18.61	18.77	18.63		
1.4	64QAM	6	0	18.43	18.66	18.65	20	3

1.4	256QAM	1	0	16.46	16.18	16.46	18	5
1.4	256QAM	1	3	16.48	16.47	16.49		
1.4	256QAM	1	5	16.42	16.37	16.59		
1.4	256QAM	3	0	16.54	16.31	16.47		
1.4	256QAM	3	1	16.44	16.40	16.35		
1.4	256QAM	3	3	16.40	16.49	16.41		
1.4	256QAM	6	0	16.38	16.36	16.48	18	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				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.72	21.87	21.73	23	0
20	QPSK	1	49	21.62	21.77	21.68		
20	QPSK	1	99	21.68	21.79	21.67		
20	QPSK	50	0	20.73	20.82	20.66	22	1
20	QPSK	50	24	20.77	20.73	20.78		
20	QPSK	50	50	20.75	20.65	20.77		
20	QPSK	100	0	20.82	20.96	20.65		
20	16QAM	1	0	21.10	21.24	21.14	22	1
20	16QAM	1	49	21.03	21.14	21.17		
20	16QAM	1	99	21.15	21.15	21.45		
20	16QAM	50	0	19.96	19.77	19.87	21	2
20	16QAM	50	24	19.86	19.90	19.84		
20	16QAM	50	50	19.81	19.76	19.86		
20	16QAM	100	0	19.86	19.76	19.49		
20	64QAM	1	0	19.89	19.74	19.79	21	2
20	64QAM	1	49	19.85	19.88	19.76		
20	64QAM	1	99	19.88	19.98	19.75		
20	64QAM	50	0	18.81	18.90	18.86	20	3
20	64QAM	50	24	18.80	18.95	18.84		
20	64QAM	50	50	19.08	18.83	19.06		
20	64QAM	100	0	18.87	18.88	19.05		
20	256QAM	1	0	16.70	16.70	16.73	18	5
20	256QAM	1	49	16.76	16.73	16.77		
20	256QAM	1	99	16.68	16.71	16.88		
20	256QAM	50	0	16.84	16.66	16.89	18	5
20	256QAM	50	24	16.71	16.63	16.70		
20	256QAM	50	50	16.62	16.83	16.76		
20	256QAM	100	0	16.68	16.76	16.71		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.52	21.80	21.79	23	0
15	QPSK	1	37	21.68	21.86	21.71		
15	QPSK	1	74	21.68	21.60	21.69		
15	QPSK	36	0	20.87	21.12	20.72	22	1
15	QPSK	36	20	20.74	20.93	20.69		
15	QPSK	36	39	20.93	20.84	20.79		
15	QPSK	75	0	20.66	20.91	20.75		
15	16QAM	1	0	21.22	21.03	21.01	22	1
15	16QAM	1	37	21.06	21.18	21.08		
15	16QAM	1	74	21.01	21.19	21.48		
15	16QAM	36	0	19.88	19.79	19.90	21	2

15	16QAM	36	20	19.95	19.91	19.87		
15	16QAM	36	39	19.75	19.66	19.80		
15	16QAM	75	0	19.82	19.68	19.65		
15	64QAM	1	0	19.81	19.76	19.70	21	2
15	64QAM	1	37	19.94	19.77	19.75		
15	64QAM	1	74	19.69	19.76	19.68		
15	64QAM	36	0	18.80	18.80	18.80	20	3
15	64QAM	36	20	18.87	18.80	18.81		
15	64QAM	36	39	19.02	18.86	18.96		
15	64QAM	75	0	18.91	18.89	18.94	18	5
15	256QAM	1	0	16.86	16.67	16.83		
15	256QAM	1	37	16.77	16.76	16.60		
15	256QAM	1	74	16.68	16.75	16.93	18	5
15	256QAM	36	0	16.68	16.70	16.69		
15	256QAM	36	20	16.78	16.69	16.80		
15	256QAM	36	39	16.71	16.91	16.65	18	5
15	256QAM	75	0	16.67	16.67	16.83		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.52	21.81	21.78	23	0
10	QPSK	1	25	21.70	21.66	21.79		
10	QPSK	1	49	21.74	21.64	21.64		
10	QPSK	25	0	20.91	20.93	20.83	22	1
10	QPSK	25	12	20.94	20.93	20.73		
10	QPSK	25	25	20.97	20.71	20.75		
10	QPSK	50	0	20.76	20.97	20.76	22	1
10	16QAM	1	0	21.23	21.06	21.10		
10	16QAM	1	25	20.93	21.23	21.07		
10	16QAM	1	49	21.14	21.00	21.35	21	2
10	16QAM	25	0	19.99	19.76	19.70		
10	16QAM	25	12	19.83	19.79	19.95		
10	16QAM	25	25	19.88	19.70	19.77	21	2
10	16QAM	50	0	19.85	19.72	19.62		
10	64QAM	1	0	19.82	19.78	19.70		
10	64QAM	1	25	19.97	19.94	19.79	21	2
10	64QAM	1	49	19.82	19.83	19.71		
10	64QAM	25	0	19.02	18.86	18.91		
10	64QAM	25	12	18.73	18.80	18.89	20	3
10	64QAM	25	25	18.95	18.98	19.00		
10	64QAM	50	0	18.80	18.89	18.87		
10	256QAM	1	0	16.71	16.61	16.89	18	5
10	256QAM	1	25	16.74	16.67	16.70		
10	256QAM	1	49	16.66	16.73	16.96		
10	256QAM	25	0	16.76	16.77	16.79	18	5
10	256QAM	25	12	16.62	16.71	16.77		
10	256QAM	25	25	16.79	16.73	16.77		
10	256QAM	50	0	16.63	16.74	16.91	Tune-up limit (dBm)	MPR (dB)
Channel				133147	133247	133447		
Frequency (MHz)				665.5	675.5	695.5	23	0
5	QPSK	1	0	21.72	21.77	21.84		
5	QPSK	1	12	21.77	21.81	21.71		
5	QPSK	1	24	21.64	21.55	21.67	22	1
5	QPSK	12	0	20.96	21.09	20.69		
5	QPSK	12	7	20.88	20.75	20.63		
5	QPSK	12	13	21.07	20.82	20.94		

5	QPSK	25	0	20.68	20.78	20.76		
5	16QAM	1	0	21.05	21.10	21.09	22	1
5	16QAM	1	12	21.04	21.19	21.16		
5	16QAM	1	24	21.19	20.96	21.46		
5	16QAM	12	0	19.98	19.82	19.69	21	2
5	16QAM	12	7	19.84	19.99	19.96		
5	16QAM	12	13	19.71	19.72	19.66		
5	16QAM	25	0	19.81	19.66	19.55	21	2
5	64QAM	1	0	19.74	19.80	19.85		
5	64QAM	1	12	19.93	19.87	19.75		
5	64QAM	1	24	19.87	19.75	19.82	20	3
5	64QAM	12	0	18.81	18.95	18.72		
5	64QAM	12	7	18.77	18.98	18.79		
5	64QAM	12	13	18.99	18.99	18.90	20	3
5	64QAM	25	0	18.74	18.81	18.93		
5	256QAM	1	0	16.86	16.61	16.69	18	5
5	256QAM	1	12	16.84	16.65	16.65		
5	256QAM	1	24	16.82	16.69	16.88		
5	256QAM	12	0	16.84	16.72	16.83	18	5
5	256QAM	12	7	16.67	16.84	16.65		
5	256QAM	12	13	16.68	16.85	16.63		
5	256QAM	25	0	16.74	16.73	16.81		

Reduced Power Mode for DSI 2

Band 5 Ant 0 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.71	20.85	20.75	22.3	0
10	QPSK	1	25	20.70	20.75	20.79		
10	QPSK	1	49	20.66	20.80	20.71		
10	QPSK	25	0	20.58	20.83	20.73	22.3	0
10	QPSK	25	12	20.59	20.67	20.77		
10	QPSK	25	25	20.69	20.78	20.75		
10	QPSK	50	0	20.70	20.83	20.62	22.3	0
10	16QAM	1	0	20.72	20.78	20.74		
10	16QAM	1	25	20.67	20.69	20.62		
10	16QAM	1	49	20.81	20.80	20.73	22	0.3
10	16QAM	25	0	20.72	20.74	20.69		
10	16QAM	25	12	20.72	20.64	20.62		
10	16QAM	25	25	20.82	20.81	20.78	22	0.3
10	16QAM	50	0	20.61	20.84	20.67		
10	64QAM	1	0	20.68	20.68	20.84		
10	64QAM	1	25	20.81	20.69	20.72	21	1.3
10	64QAM	1	49	20.64	20.76	20.70		
10	64QAM	25	0	20.08	19.97	19.88		
10	64QAM	25	12	19.94	19.92	19.98	19	3.3
10	64QAM	25	25	20.10	20.05	19.99		
10	64QAM	50	0	19.86	20.00	20.00		
10	256QAM	1	0	17.83	17.69	17.82	19	3.3
10	256QAM	1	25	17.91	17.85	17.79		
10	256QAM	1	49	17.77	17.79	17.91		
10	256QAM	25	0	17.91	17.74	17.87	19	3.3
10	256QAM	25	12	17.81	17.80	17.75		

10	256QAM	25	25	17.82	17.83	17.82		
10	256QAM	50	0	17.79	17.85	17.83		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.52	20.57	20.59	22.3	0
5	QPSK	1	12	20.63	20.52	20.57		
5	QPSK	1	24	20.74	20.61	20.68		
5	QPSK	12	0	20.50	20.53	20.70	22.3	0
5	QPSK	12	7	20.61	20.43	20.42		
5	QPSK	12	13	20.62	20.42	20.73		
5	QPSK	25	0	20.49	20.53	20.52	22.3	0
5	16QAM	1	0	20.58	20.46	20.49		
5	16QAM	1	12	20.57	20.46	20.57		
5	16QAM	1	24	20.58	20.46	20.71	22	0.3
5	16QAM	12	0	20.71	20.56	20.52		
5	16QAM	12	7	20.66	20.48	20.68		
5	16QAM	12	13	20.54	20.41	20.51	22	0.3
5	16QAM	25	0	20.52	20.52	20.57		
5	64QAM	1	0	20.67	20.57	20.64		
5	64QAM	1	12	20.67	20.43	20.56	22	0.3
5	64QAM	1	24	20.60	20.52	20.74		
5	64QAM	12	0	19.91	19.84	19.66		
5	64QAM	12	7	19.78	19.73	19.75	21	1.3
5	64QAM	12	13	19.89	19.92	19.78		
5	64QAM	25	0	19.68	19.77	19.76		
5	256QAM	1	0	17.62	17.47	17.59	19	3.3
5	256QAM	1	12	17.72	17.67	17.65		
5	256QAM	1	24	17.66	17.56	17.79		
5	256QAM	12	0	17.73	17.50	17.63	19	3.3
5	256QAM	12	7	17.71	17.65	17.64		
5	256QAM	12	13	17.61	17.62	17.65		
5	256QAM	25	0	17.66	17.62	17.62	Tune-up limit (dBm)	MPR (dB)
Channel				20415	20525	20635		
Frequency (MHz)				825.5	836.5	847.5	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	20.57	20.53	20.64		
3	QPSK	1	8	20.56	20.57	20.59	22.3	0
3	QPSK	1	14	20.58	20.41	20.60		
3	QPSK	8	0	20.59	20.46	20.61		
3	QPSK	8	4	20.49	20.56	20.60	22.3	0
3	QPSK	8	7	20.53	20.61	20.72		
3	QPSK	15	0	20.51	20.58	20.56		
3	16QAM	1	0	20.56	20.52	20.43	22.3	0
3	16QAM	1	8	20.70	20.62	20.77		
3	16QAM	1	14	20.71	20.41	20.54		
3	16QAM	8	0	20.58	20.50	20.51	22	0.3
3	16QAM	8	4	20.68	20.55	20.77		
3	16QAM	8	7	20.49	20.42	20.64		
3	16QAM	15	0	20.70	20.49	20.45	22	0.3
3	64QAM	1	0	20.70	20.49	20.55		
3	64QAM	1	8	20.80	20.80	20.63		
3	64QAM	1	14	20.55	20.80	20.80	21	1.3
3	64QAM	8	0	19.97	19.84	19.64		
3	64QAM	8	4	19.69	19.79	19.77		
3	64QAM	8	7	19.86	19.93	19.77	21	1.3
3	64QAM	15	0	19.64	19.83	19.88		

3	256QAM	1	0	17.62	17.53	17.71	19	3.3
3	256QAM	1	8	17.81	17.71	17.56		
3	256QAM	1	14	17.58	17.66	17.77		
3	256QAM	8	0	17.67	17.49	17.62	19	3.3
3	256QAM	8	4	17.66	17.65	17.62		
3	256QAM	8	7	17.62	17.70	17.64		
3	256QAM	15	0	17.55	17.65	17.59		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.63	20.42	20.69	22.3	0
1.4	QPSK	1	3	20.53	20.55	20.49		
1.4	QPSK	1	5	20.61	20.59	20.67		
1.4	QPSK	3	0	20.57	20.42	20.55		
1.4	QPSK	3	1	20.60	20.43	20.41		
1.4	QPSK	3	3	20.64	20.48	20.67		
1.4	QPSK	6	0	20.57	20.56	20.47	22.3	0
1.4	16QAM	1	0	20.72	20.64	20.61	22.3	0
1.4	16QAM	1	3	20.71	20.63	20.57		
1.4	16QAM	1	5	20.69	20.46	20.71		
1.4	16QAM	3	0	20.64	20.61	20.40		
1.4	16QAM	3	1	20.75	20.49	20.68		
1.4	16QAM	3	3	20.80	20.80	20.73		
1.4	16QAM	6	0	20.61	20.48	20.61	22	0.3
1.4	64QAM	1	0	20.59	20.42	20.53	22	0.3
1.4	64QAM	1	3	20.73	20.44	20.56		
1.4	64QAM	1	5	20.63	20.79	20.80		
1.4	64QAM	3	0	20.55	20.59	20.52		
1.4	64QAM	3	1	20.51	20.58	20.43		
1.4	64QAM	3	3	20.75	20.59	20.78		
1.4	64QAM	6	0	19.63	19.79	19.83	21	1.3
1.4	256QAM	1	0	17.63	17.37	17.74	19	3.3
1.4	256QAM	1	3	17.81	17.72	17.59		
1.4	256QAM	1	5	17.52	17.64	17.79		
1.4	256QAM	3	0	17.55	17.60	17.56		
1.4	256QAM	3	1	17.68	17.56	17.59		
1.4	256QAM	3	3	17.84	17.76	17.55		
1.4	256QAM	6	0	17.50	17.56	17.64	19	3.3

Band 13 Ant 0 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				23230				
Frequency (MHz)				782				
10	QPSK	1	0		21.34		22.7	0
10	QPSK	1	25		21.19			
10	QPSK	1	49		21.24			
10	QPSK	25	0		21.29		22.7	0
10	QPSK	25	12		21.20			
10	QPSK	25	25		21.18			
10	QPSK	50	0		21.37			
10	16QAM	1	0		21.35		22.7	0
10	16QAM	1	25		21.27			
10	16QAM	1	49		21.28			
10	16QAM	25	0		20.82		22	0.7

10	16QAM	25	12		20.81			
10	16QAM	25	25		20.85			
10	16QAM	50	0		20.81			
10	64QAM	1	0		20.86			
10	64QAM	1	25		20.89		22	0.7
10	64QAM	1	49		20.89			
10	64QAM	25	0		19.94			
10	64QAM	25	12		19.85		21	1.7
10	64QAM	25	25		19.93			
10	64QAM	50	0		19.97			
10	256QAM	1	0		17.66			
10	256QAM	1	25		17.80		19	3.7
10	256QAM	1	49		17.69			
10	256QAM	25	0		17.67			
10	256QAM	25	12		17.73		19	3.7
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.80			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.08	21.24	21.25	22.7	0
5	QPSK	1	12	21.21	21.23	21.31		
5	QPSK	1	24	21.30	21.33	21.21		
5	QPSK	12	0	21.17	21.19	21.10	22.7	0
5	QPSK	12	7	21.16	21.12	21.18		
5	QPSK	12	13	21.12	21.35	21.25		
5	QPSK	25	0	21.20	21.34	21.23	22.7	0
5	16QAM	1	0	21.22	21.25	21.15		
5	16QAM	1	12	21.16	21.23	21.15		
5	16QAM	1	24	21.11	21.22	21.15	22	0.7
5	16QAM	12	0	20.82	20.85	20.65		
5	16QAM	12	7	20.72	20.76	20.78		
5	16QAM	12	13	20.82	20.67	20.71	22	0.7
5	16QAM	25	0	20.66	20.76	20.58		
5	64QAM	1	0	20.74	20.82	20.62		
5	64QAM	1	12	20.80	20.74	20.70	21	1.7
5	64QAM	1	24	20.72	20.70	20.74		
5	64QAM	12	0	19.93	19.73	19.64		
5	64QAM	12	7	19.80	19.71	19.75	19	3.7
5	64QAM	12	13	19.87	19.92	19.78		
5	64QAM	25	0	19.66	19.82	19.80		
5	256QAM	1	0	17.58	17.56	17.72	19	3.7
5	256QAM	1	12	17.78	17.67	17.68		
5	256QAM	1	24	17.63	17.69	17.78		
5	256QAM	12	0	17.80	17.51	17.75	19	3.7
5	256QAM	12	7	17.63	17.65	17.64		
5	256QAM	12	13	17.59	17.60	17.69		
5	256QAM	25	0	17.65	17.65	17.66		

Band 17 Ant 0 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				23780	23790	23800	22.8	0
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.70	21.87	21.56		

10	QPSK	1	25	21.75	21.68	21.76	22.8	0
10	QPSK	1	49	21.79	21.61	21.72		
10	QPSK	25	0	21.68	21.76	21.65		
10	QPSK	25	12	21.68	21.63	21.66		
10	QPSK	25	25	21.75	21.72	21.73		
10	QPSK	50	0	21.75	21.78	21.70	22.8	0
10	16QAM	1	0	21.62	21.77	21.80		
10	16QAM	1	25	21.81	21.72	21.62		
10	16QAM	1	49	21.82	21.84	21.56	22	0.8
10	16QAM	25	0	20.91	20.92	20.71		
10	16QAM	25	12	20.79	20.89	20.83		
10	16QAM	25	25	20.90	20.79	20.83		
10	16QAM	50	0	20.71	20.84	20.62	22	0.8
10	64QAM	1	0	20.89	20.83	20.80		
10	64QAM	1	25	20.84	20.82	20.77		
10	64QAM	1	49	20.80	20.80	20.81	21	1.8
10	64QAM	25	0	20.07	19.90	19.80		
10	64QAM	25	12	19.88	19.77	19.94		
10	64QAM	25	25	19.98	19.93	19.89		
10	64QAM	50	0	19.83	19.97	19.95	19	3.8
10	256QAM	1	0	17.76	17.54	17.74		
10	256QAM	1	25	17.78	17.83	17.72		
10	256QAM	1	49	17.65	17.76	17.81	19	3.8
10	256QAM	25	0	17.84	17.61	17.78		
10	256QAM	25	12	17.68	17.78	17.75		
10	256QAM	25	25	17.71	17.79	17.68		
10	256QAM	50	0	17.77	17.83	17.78		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.66	21.81	21.71	22.8	0
5	QPSK	1	12	21.74	21.56	21.77		
5	QPSK	1	24	21.68	21.67	21.63		
5	QPSK	12	0	21.62	21.84	21.61	22.8	0
5	QPSK	12	7	21.69	21.55	21.68		
5	QPSK	12	13	21.64	21.74	21.59		
5	QPSK	25	0	21.68	21.67	21.78		
5	16QAM	1	0	21.68	21.72	21.61	22.8	0
5	16QAM	1	12	21.78	21.58	21.74		
5	16QAM	1	24	21.84	21.65	21.51		
5	16QAM	12	0	20.79	20.77	20.63	22	0.8
5	16QAM	12	7	20.75	20.73	20.82		
5	16QAM	12	13	20.70	20.65	20.72		
5	16QAM	25	0	20.60	20.66	20.57		
5	64QAM	1	0	20.74	20.75	20.64	22	0.8
5	64QAM	1	12	20.71	20.70	20.64		
5	64QAM	1	24	20.66	20.66	20.76		
5	64QAM	12	0	19.89	19.85	19.77	21	1.8
5	64QAM	12	7	19.77	19.75	19.88		
5	64QAM	12	13	19.91	19.81	19.83		
5	64QAM	25	0	19.69	19.84	19.80		
5	256QAM	1	0	17.73	17.51	17.71	19	3.8
5	256QAM	1	12	17.74	17.63	17.65		
5	256QAM	1	24	17.55	17.60	17.75		
5	256QAM	12	0	17.69	17.61	17.63	19	3.8
5	256QAM	12	7	17.68	17.63	17.54		
5	256QAM	12	13	17.62	17.70	17.63		

5	256QAM	25	0	17.64	17.65	17.71		
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Band 26 for FCC Ant 0 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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.53	20.87	20.52		
15	QPSK	1	37	20.55	20.66	20.58	22.3	0
15	QPSK	1	74	20.73	20.75	20.44		
15	QPSK	36	0	20.61	20.84	20.49		
15	QPSK	36	20	20.67	20.63	20.77	22.3	0
15	QPSK	36	39	20.80	20.63	20.50		
15	QPSK	75	0	20.61	20.72	20.57		
15	16QAM	1	0	20.48	20.78	20.64	22.3	0
15	16QAM	1	37	20.57	20.63	20.54		
15	16QAM	1	74	20.79	20.64	20.58		
15	16QAM	36	0	20.53	20.78	20.56	22	0.3
15	16QAM	36	20	20.62	20.58	20.74		
15	16QAM	36	39	20.74	20.62	20.63		
15	16QAM	75	0	20.43	20.83	20.63	22	0.3
15	64QAM	1	0	20.50	20.77	20.69		
15	64QAM	1	37	20.72	20.51	20.74		
15	64QAM	1	74	20.60	20.62	20.57	21	1.3
15	64QAM	36	0	20.22	20.06	20.06		
15	64QAM	36	20	20.06	20.06	20.11		
15	64QAM	36	39	20.18	20.18	20.14	19	3.3
15	64QAM	75	0	19.95	20.11	20.09		
15	256QAM	1	0	17.94	17.76	17.98		
15	256QAM	1	37	18.02	17.99	17.96	19	3.3
15	256QAM	1	74	17.82	17.84	18.08		
15	256QAM	36	0	18.11	17.93	17.94		
15	256QAM	36	20	17.91	17.86	17.94	19	3.3
15	256QAM	36	39	17.92	17.89	17.90		
15	256QAM	75	0	17.93	17.97	17.96		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	20.51	20.83	20.62		
10	QPSK	1	25	20.66	20.69	20.63	22.3	0
10	QPSK	1	49	20.74	20.73	20.50		
10	QPSK	25	0	20.62	20.69	20.54		
10	QPSK	25	12	20.55	20.66	20.74	22.3	0
10	QPSK	25	25	20.75	20.65	20.51		
10	QPSK	50	0	20.61	20.67	20.60		
10	16QAM	1	0	20.46	20.71	20.60	22.3	0
10	16QAM	1	25	20.73	20.72	20.58		
10	16QAM	1	49	20.57	20.68	20.65		
10	16QAM	25	0	20.42	20.83	20.61	22	0.3
10	16QAM	25	12	20.77	20.72	20.69		
10	16QAM	25	25	20.77	20.64	20.62		
10	16QAM	50	0	20.66	20.80	20.62	22	0.3
10	64QAM	1	0	20.49	20.68	20.64		
10	64QAM	1	25	20.67	20.65	20.76		
10	64QAM	1	49	20.61	20.74	20.51		

10	64QAM	25	0	20.00	19.96	19.83	21	1.3
10	64QAM	25	12	19.93	19.88	19.90		
10	64QAM	25	25	19.97	19.93	19.91		
10	64QAM	50	0	19.77	19.93	19.93		
10	256QAM	1	0	17.78	17.66	17.68	19	3.3
10	256QAM	1	25	17.80	17.78	17.73		
10	256QAM	1	49	17.71	17.72	17.88		
10	256QAM	25	0	17.83	17.70	17.84	19	3.3
10	256QAM	25	12	17.72	17.76	17.66		
10	256QAM	25	25	17.77	17.73	17.70		
10	256QAM	50	0	17.64	17.74	17.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	20.65	20.65	20.49	22.3	0
5	QPSK	1	12	20.75	20.66	20.74		
5	QPSK	1	24	20.67	20.63	20.44		
5	QPSK	12	0	20.53	20.67	20.52	22.3	0
5	QPSK	12	7	20.63	20.53	20.58		
5	QPSK	12	13	20.66	20.60	20.64		
5	QPSK	25	0	20.64	20.76	20.62		
5	16QAM	1	0	20.60	20.80	20.52	22.3	0
5	16QAM	1	12	20.57	20.53	20.54		
5	16QAM	1	24	20.73	20.68	20.65		
5	16QAM	12	0	20.53	20.63	20.58	22	0.3
5	16QAM	12	7	20.58	20.50	20.57		
5	16QAM	12	13	20.71	20.64	20.63		
5	16QAM	25	0	20.66	20.84	20.61		
5	64QAM	1	0	20.64	20.74	20.68	22	0.3
5	64QAM	1	12	20.59	20.51	20.58		
5	64QAM	1	24	20.74	20.67	20.43		
5	64QAM	12	0	20.05	19.95	19.80	21	1.3
5	64QAM	12	7	19.86	19.86	19.91		
5	64QAM	12	13	19.99	19.91	19.91		
5	64QAM	25	0	19.83	19.95	19.99		
5	256QAM	1	0	17.80	17.66	17.76	19	3.3
5	256QAM	1	12	17.90	17.85	17.75		
5	256QAM	1	24	17.66	17.67	17.83		
5	256QAM	12	0	17.85	17.71	17.78	19	3.3
5	256QAM	12	7	17.68	17.67	17.65		
5	256QAM	12	13	17.71	17.75	17.68		
5	256QAM	25	0	17.65	17.84	17.70		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.59	20.62	20.64	22.3	0
3	QPSK	1	8	20.58	20.55	20.56		
3	QPSK	1	14	20.67	20.70	20.61		
3	QPSK	8	0	20.43	20.81	20.48	22.3	0
3	QPSK	8	4	20.61	20.61	20.61		
3	QPSK	8	7	20.71	20.56	20.58		
3	QPSK	15	0	20.44	20.65	20.63		
3	16QAM	1	0	20.44	20.80	20.59	22.3	0
3	16QAM	1	8	20.64	20.59	20.54		
3	16QAM	1	14	20.77	20.52	20.54		
3	16QAM	8	0	20.65	20.64	20.56	22	0.3
3	16QAM	8	4	20.57	20.54	20.61		

3	16QAM	8	7	20.75	20.60	20.60		
3	16QAM	15	0	20.43	20.68	20.69		
3	64QAM	1	0	20.53	20.66	20.69		
3	64QAM	1	8	20.71	20.68	20.62	22	0.3
3	64QAM	1	14	20.59	20.61	20.56	21	1.3
3	64QAM	8	0	19.96	19.93	19.83		
3	64QAM	8	4	19.82	19.81	19.90		
3	64QAM	8	7	19.98	19.97	19.93		
3	64QAM	15	0	19.72	19.98	19.95	19	3.3
3	256QAM	1	0	17.74	17.67	17.76		
3	256QAM	1	8	17.79	17.77	17.65		
3	256QAM	1	14	17.63	17.73	17.82	19	3.3
3	256QAM	8	0	17.90	17.72	17.83		
3	256QAM	8	4	17.69	17.65	17.74		
3	256QAM	8	7	17.81	17.73	17.74		
3	256QAM	15	0	17.72	17.76	17.70		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.59	20.81	20.64	22.3	0
1.4	QPSK	1	3	20.64	20.64	20.77		
1.4	QPSK	1	5	20.62	20.56	20.54		
1.4	QPSK	3	0	20.62	20.75	20.48		
1.4	QPSK	3	1	20.74	20.72	20.63		
1.4	QPSK	3	3	20.77	20.51	20.54		
1.4	QPSK	6	0	20.55	20.63	20.53	22.3	0
1.4	16QAM	1	0	20.79	20.55	20.75	22.3	0
1.4	16QAM	1	3	20.69	20.59	20.52		
1.4	16QAM	1	5	20.43	20.83	20.63		
1.4	16QAM	3	0	20.65	20.72	20.74		
1.4	16QAM	3	1	20.73	20.61	20.45		
1.4	16QAM	3	3	20.51	20.82	20.50		
1.4	16QAM	6	0	20.43	20.66	20.66	22	0.3
1.4	64QAM	1	0	20.48	20.85	20.55	22	0.3
1.4	64QAM	1	3	20.78	20.73	20.56		
1.4	64QAM	1	5	20.73	20.68	20.47		
1.4	64QAM	3	0	20.54	20.70	20.53		
1.4	64QAM	3	1	20.74	20.60	20.78		
1.4	64QAM	3	3	20.80	20.65	20.57		
1.4	64QAM	6	0	20.57	20.71	20.66	21	1.3
1.4	256QAM	1	0	17.86	17.76	17.70	19	3.3
1.4	256QAM	1	3	17.77	17.72	17.64		
1.4	256QAM	1	5	17.74	17.77	17.67		
1.4	256QAM	3	0	17.93	17.74	17.63		
1.4	256QAM	3	1	17.72	17.65	17.63		
1.4	256QAM	3	3	17.77	17.75	17.78		
1.4	256QAM	6	0	17.69	17.80	17.89	19	3.3

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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				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.00	21.40	21.33	22.8	0
20	QPSK	1	49	21.20	21.34	21.18		

20	QPSK	1	99	21.14	21.29	21.22	22.8	0
20	QPSK	50	0	21.23	21.38	21.19		
20	QPSK	50	24	21.25	21.36	21.37		
20	QPSK	50	50	21.21	21.11	21.29		
20	QPSK	100	0	21.21	21.39	21.34		
20	16QAM	1	0	21.11	21.37	21.23	22.8	0
20	16QAM	1	49	21.10	21.32	21.31		
20	16QAM	1	99	21.19	21.16	21.12		
20	16QAM	50	0	21.10	21.05	21.01	22	0.8
20	16QAM	50	24	21.06	21.10	21.06		
20	16QAM	50	50	21.04	20.99	20.97		
20	16QAM	100	0	21.00	20.95	20.81		
20	64QAM	1	0	21.01	21.06	20.95		
20	64QAM	1	49	21.08	21.06	21.05	22	0.8
20	64QAM	1	99	21.01	21.08	20.97		
20	64QAM	50	0	20.13	20.12	20.06		
20	64QAM	50	24	20.02	20.09	20.09	21	1.8
20	64QAM	50	50	20.25	20.12	20.17		
20	64QAM	100	0	20.05	20.11	20.18		
20	256QAM	1	0	18.02	17.86	18.00		
20	256QAM	1	49	18.01	17.91	17.89	19	3.8
20	256QAM	1	99	17.96	17.92	18.08		
20	256QAM	50	0	17.96	17.91	18.00		
20	256QAM	50	24	17.89	17.96	17.92	19	3.8
20	256QAM	50	50	17.96	18.02	17.96		
20	256QAM	100	0	17.92	17.97	18.01		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.14	21.21	21.36	22.8	0
15	QPSK	1	37	21.17	21.38	21.24		
15	QPSK	1	74	21.20	21.13	21.30		
15	QPSK	36	0	21.11	21.29	21.20	22.8	0
15	QPSK	36	20	21.11	21.23	21.19		
15	QPSK	36	39	21.23	21.28	21.13		
15	QPSK	75	0	21.22	21.37	21.25		
15	16QAM	1	0	21.11	21.34	21.14	22.8	0
15	16QAM	1	37	21.22	21.29	21.23		
15	16QAM	1	74	21.10	21.26	21.28		
15	16QAM	36	0	20.96	20.85	20.79	22	0.8
15	16QAM	36	20	20.77	20.78	20.84		
15	16QAM	36	39	20.92	20.86	20.77		
15	16QAM	75	0	20.75	20.76	20.62		
15	64QAM	1	0	20.82	20.80	20.86	22	0.8
15	64QAM	1	37	20.92	20.88	20.75		
15	64QAM	1	74	20.78	20.84	20.86		
15	64QAM	36	0	20.04	19.87	19.78	21	1.8
15	64QAM	36	20	19.79	19.78	19.91		
15	64QAM	36	39	19.97	19.91	19.89		
15	64QAM	75	0	19.74	19.90	20.00		
15	256QAM	1	0	17.75	17.68	17.74	19	3.8
15	256QAM	1	37	17.82	17.79	17.69		
15	256QAM	1	74	17.68	17.73	17.77		
15	256QAM	36	0	17.85	17.65	17.76	19	3.8
15	256QAM	36	20	17.80	17.73	17.62		
15	256QAM	36	39	17.68	17.70	17.72		
15	256QAM	75	0	17.70	17.78	17.82		

Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.03	21.17	21.24	22.8	0
10	QPSK	1	25	21.31	21.16	21.29		
10	QPSK	1	49	21.28	21.15	21.32		
10	QPSK	25	0	21.18	21.30	21.28	22.8	0
10	QPSK	25	12	21.12	21.29	21.15		
10	QPSK	25	25	21.24	21.25	21.23		
10	QPSK	50	0	21.31	21.25	21.28	22.8	0
10	16QAM	1	0	21.05	21.26	21.20		
10	16QAM	1	25	21.28	21.16	21.19		
10	16QAM	1	49	21.33	21.15	21.31	22	0.8
10	16QAM	25	0	20.99	20.89	20.69		
10	16QAM	25	12	20.78	20.86	20.95		
10	16QAM	25	25	20.85	20.79	20.79	22	0.8
10	16QAM	50	0	20.79	20.78	20.72		
10	64QAM	1	0	20.85	20.83	20.87		
10	64QAM	1	25	20.85	20.75	20.75	22	0.8
10	64QAM	1	49	20.77	20.86	20.83		
10	64QAM	25	0	20.03	19.86	19.81		
10	64QAM	25	12	19.89	19.86	19.97	21	1.8
10	64QAM	25	25	20.04	19.93	19.93		
10	64QAM	50	0	19.86	19.98	19.99		
10	256QAM	1	0	17.80	17.67	17.73	19	3.8
10	256QAM	1	25	17.86	17.82	17.65		
10	256QAM	1	49	17.65	17.77	17.89		
10	256QAM	25	0	17.85	17.73	17.72	19	3.8
10	256QAM	25	12	17.71	17.77	17.69		
10	256QAM	25	25	17.81	17.83	17.70		
10	256QAM	50	0	17.68	17.83	17.71		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.13	21.31	21.24	22.8	0
5	QPSK	1	12	21.13	21.31	21.27		
5	QPSK	1	24	21.32	21.15	21.23		
5	QPSK	12	0	21.18	21.29	21.17	22.8	0
5	QPSK	12	7	21.27	21.36	21.18		
5	QPSK	12	13	21.24	21.08	21.29		
5	QPSK	25	0	21.18	21.28	21.28	22.8	0
5	16QAM	1	0	21.19	21.23	21.25		
5	16QAM	1	12	21.14	21.21	21.18		
5	16QAM	1	24	21.19	21.30	21.16	22	0.8
5	16QAM	12	0	21.02	20.80	20.80		
5	16QAM	12	7	20.89	20.90	20.86		
5	16QAM	12	13	20.88	20.73	20.79	22	0.8
5	16QAM	25	0	20.77	20.77	20.67		
5	64QAM	1	0	20.85	20.93	20.85		
5	64QAM	1	12	20.91	20.75	20.72	22	0.8
5	64QAM	1	24	20.78	20.89	20.75		
5	64QAM	12	0	20.02	19.88	19.86		
5	64QAM	12	7	19.83	19.84	19.88	21	1.8
5	64QAM	12	13	20.03	20.02	19.95		
5	64QAM	25	0	19.73	19.89	19.87		
5	256QAM	1	0	17.70	17.64	17.79	19	3.8
5	256QAM	1	12	17.82	17.72	17.70		

5	256QAM	1	24	17.77	17.78	17.81	19	3.8
5	256QAM	12	0	17.82	17.72	17.80		
5	256QAM	12	7	17.69	17.67	17.69		
5	256QAM	12	13	17.71	17.82	17.71		
5	256QAM	25	0	17.78	17.82	17.76		

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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				18700	18900	19100	20.2	0
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.10	19.11	18.87		
20	QPSK	1	49	18.83	18.90	18.98	20.2	0
20	QPSK	1	99	18.91	19.07	18.80		
20	QPSK	50	0	18.78	19.05	18.87		
20	QPSK	50	24	18.83	18.84	18.91	20.2	0
20	QPSK	50	50	19.00	19.00	18.88		
20	QPSK	100	0	18.90	19.03	19.02		
20	16QAM	1	0	19.02	18.88	19.00	20.2	0
20	16QAM	1	49	19.02	18.96	18.97		
20	16QAM	1	99	18.86	18.99	18.84		
20	16QAM	50	0	18.86	18.95	18.94	20.2	0
20	16QAM	50	24	18.89	18.96	18.81		
20	16QAM	50	50	18.82	19.06	19.01		
20	16QAM	100	0	19.00	18.85	18.98	20.2	0
20	64QAM	1	0	18.94	18.99	18.85		
20	64QAM	1	49	18.85	18.99	18.90		
20	64QAM	1	99	19.06	18.88	19.00	20.2	0
20	64QAM	50	0	18.96	19.05	18.93		
20	64QAM	50	24	18.90	18.98	18.93		
20	64QAM	50	50	18.83	19.03	18.84	19	1.2
20	64QAM	100	0	18.86	18.92	18.96		
20	256QAM	1	0	17.83	17.69	17.82		
20	256QAM	1	49	17.91	17.85	17.79	19	1.2
20	256QAM	1	99	17.77	17.79	17.91		
20	256QAM	50	0	17.91	17.74	17.87		
20	256QAM	50	24	17.81	17.80	17.75	19	1.2
20	256QAM	50	50	17.82	17.83	17.82		
20	256QAM	100	0	17.79	17.85	17.83		
Channel				18675	18900	19125	20.2	0
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.99	18.90	18.91		
15	QPSK	1	37	18.89	18.95	18.93	20.2	0
15	QPSK	1	74	18.86	18.86	18.91		
15	QPSK	36	0	18.82	19.00	18.87	20.2	0
15	QPSK	36	20	19.06	19.01	19.02		
15	QPSK	36	39	18.97	18.95	18.79		
15	QPSK	75	0	18.80	19.08	19.04	20.2	0
15	16QAM	1	0	18.99	19.02	19.04		
15	16QAM	1	37	19.01	18.88	18.85		
15	16QAM	1	74	18.88	18.88	18.89	20.2	0
15	16QAM	36	0	18.90	18.95	19.02		
15	16QAM	36	20	18.96	19.03	18.96		
15	16QAM	36	39	18.96	18.99	18.97	20.2	0

15	16QAM	75	0	19.01	18.96	18.92		
15	64QAM	1	0	18.87	19.01	18.77	20.2	0
15	64QAM	1	37	18.81	19.03	18.96		
15	64QAM	1	74	18.94	18.89	18.94		
15	64QAM	36	0	18.91	18.91	19.00	20.2	0
15	64QAM	36	20	19.00	19.06	19.01		
15	64QAM	36	39	18.84	18.84	18.99		
15	64QAM	75	0	19.01	18.95	19.01		
15	256QAM	1	0	17.72	17.64	17.72	19	1.2
15	256QAM	1	37	17.78	17.71	17.67		
15	256QAM	1	74	17.62	17.71	17.81		
15	256QAM	36	0	17.83	17.64	17.77	19	1.2
15	256QAM	36	20	17.66	17.67	17.68		
15	256QAM	36	39	17.72	17.73	17.72		
15	256QAM	75	0	17.74	17.70	17.75		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.97	19.04	18.83	20.2	0
10	QPSK	1	25	18.95	18.88	18.86		
10	QPSK	1	49	18.91	19.02	18.78		
10	QPSK	25	0	18.92	18.97	19.04	20.2	0
10	QPSK	25	12	18.85	19.01	18.87		
10	QPSK	25	25	18.91	18.97	18.78		
10	QPSK	50	0	18.96	19.02	18.96		
10	16QAM	1	0	18.99	18.87	19.01	20.2	0
10	16QAM	1	25	18.83	19.03	18.87		
10	16QAM	1	49	18.95	18.93	19.03		
10	16QAM	25	0	19.01	19.04	18.89	20.2	0
10	16QAM	25	12	18.87	18.88	18.94		
10	16QAM	25	25	18.84	19.10	18.88		
10	16QAM	50	0	19.02	18.87	18.96		
10	64QAM	1	0	18.85	19.09	18.97	20.2	0
10	64QAM	1	25	18.88	19.00	18.87		
10	64QAM	1	49	18.87	18.83	18.88		
10	64QAM	25	0	18.98	18.92	18.95	20.2	0
10	64QAM	25	12	18.79	19.01	19.03		
10	64QAM	25	25	18.83	19.02	18.98		
10	64QAM	50	0	18.98	19.08	19.00		
10	256QAM	1	0	17.71	17.57	17.74	19	1.2
10	256QAM	1	25	17.86	17.77	17.71		
10	256QAM	1	49	17.68	17.71	17.81		
10	256QAM	25	0	17.80	17.67	17.79	19	1.2
10	256QAM	25	12	17.72	17.74	17.66		
10	256QAM	25	25	17.71	17.71	17.75		
10	256QAM	50	0	17.66	17.70	17.73		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.90	19.08	18.94	20.2	0
5	QPSK	1	12	18.92	19.05	18.95		
5	QPSK	1	24	19.02	18.94	18.84		
5	QPSK	12	0	18.92	19.07	19.00	20.2	0
5	QPSK	12	7	18.95	18.95	18.92		
5	QPSK	12	13	18.93	18.88	18.94		
5	QPSK	25	0	18.85	19.01	18.98		
5	16QAM	1	0	18.84	18.97	19.04	20.2	0

5	16QAM	1	12	18.88	19.01	18.96	20.2	0
5	16QAM	1	24	19.01	18.95	19.03		
5	16QAM	12	0	18.87	18.85	18.97		
5	16QAM	12	7	18.92	19.04	18.78		
5	16QAM	12	13	18.84	19.02	18.90		
5	16QAM	25	0	18.83	18.88	18.99	20.2	0
5	64QAM	1	0	18.85	18.99	18.92		
5	64QAM	1	12	18.86	18.98	18.95		
5	64QAM	1	24	19.02	18.99	19.07	20.2	0
5	64QAM	12	0	18.92	18.91	18.78		
5	64QAM	12	7	18.92	19.10	18.90		
5	64QAM	12	13	18.91	19.04	18.91		
5	64QAM	25	0	18.88	19.05	18.84		
5	256QAM	1	0	17.68	17.56	17.70	19	1.2
5	256QAM	1	12	17.85	17.72	17.65		
5	256QAM	1	24	17.63	17.69	17.78		
5	256QAM	12	0	17.84	17.67	17.77	19	1.2
5	256QAM	12	7	17.71	17.69	17.66		
5	256QAM	12	13	17.71	17.77	17.76		
5	256QAM	25	0	17.65	17.71	17.70		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.77	18.95	18.99	20.2	0
3	QPSK	1	8	18.91	18.97	18.98		
3	QPSK	1	14	18.99	18.97	18.98		
3	QPSK	8	0	18.88	19.08	19.02	20.2	0
3	QPSK	8	4	18.83	18.82	19.01		
3	QPSK	8	7	18.91	19.06	18.82		
3	QPSK	15	0	18.94	18.90	18.90		
3	16QAM	1	0	18.95	19.01	19.05	20.2	0
3	16QAM	1	8	18.86	19.01	18.85		
3	16QAM	1	14	18.97	18.98	18.84		
3	16QAM	8	0	19.02	19.01	19.00	20.2	0
3	16QAM	8	4	18.94	19.05	18.91		
3	16QAM	8	7	18.92	19.09	18.95		
3	16QAM	15	0	18.82	19.03	18.96		
3	64QAM	1	0	19.01	19.01	18.79	20.2	0
3	64QAM	1	8	18.78	19.04	18.91		
3	64QAM	1	14	18.82	18.86	18.96		
3	64QAM	8	0	18.93	18.88	18.80	20.2	0
3	64QAM	8	4	18.89	19.01	18.86		
3	64QAM	8	7	18.95	19.02	18.89		
3	64QAM	15	0	19.01	19.02	18.93		
3	256QAM	1	0	17.74	17.58	17.71		
3	256QAM	1	8	17.85	17.78	17.65	19	1.2
3	256QAM	1	14	17.70	17.72	17.83		
3	256QAM	8	0	17.80	17.67	17.73		
3	256QAM	8	4	17.73	17.72	17.60	19	1.2
3	256QAM	8	7	17.74	17.71	17.68		
3	256QAM	15	0	17.69	17.75	17.76		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.96	19.04	18.96	20.2	0
1.4	QPSK	1	3	19.03	18.92	18.99		
1.4	QPSK	1	5	19.01	19.02	18.81		

1.4	QPSK	3	0	18.78	19.09	18.90		
1.4	QPSK	3	1	19.02	19.03	19.03		
1.4	QPSK	3	3	18.99	18.97	18.87		
1.4	QPSK	6	0	19.01	18.95	18.85	20.2	0
1.4	16QAM	1	0	18.82	18.93	18.91	20.2	0
1.4	16QAM	1	3	19.02	18.98	18.94		
1.4	16QAM	1	5	18.96	18.95	18.88		
1.4	16QAM	3	0	18.91	18.96	18.93		
1.4	16QAM	3	1	18.85	18.89	18.98		
1.4	16QAM	3	3	18.80	19.06	18.86	20.2	0
1.4	16QAM	6	0	18.93	19.00	18.91		
1.4	64QAM	1	0	18.85	19.02	18.83	20.2	0
1.4	64QAM	1	3	18.97	19.01	18.96		
1.4	64QAM	1	5	18.97	18.88	18.89		
1.4	64QAM	3	0	19.01	18.88	18.94		
1.4	64QAM	3	1	18.91	19.09	18.88		
1.4	64QAM	3	3	18.83	18.94	19.06	20.2	0
1.4	64QAM	6	0	19.06	19.04	18.84		
1.4	256QAM	1	0	17.83	17.69	17.65	19	1.2
1.4	256QAM	1	3	17.79	17.61	17.70		
1.4	256QAM	1	5	17.74	17.73	17.73		
1.4	256QAM	3	0	17.81	17.65	17.65		
1.4	256QAM	3	1	17.59	17.58	17.54		
1.4	256QAM	3	3	17.72	17.67	17.72	19	1.2
1.4	256QAM	6	0	17.78	17.78	17.81		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.90	19.11	18.92	20.2	0
20	QPSK	1	49	18.83	18.84	18.91		
20	QPSK	1	99	18.91	18.81	18.87		
20	QPSK	50	0	18.85	19.09	18.90	20.2	0
20	QPSK	50	24	18.88	18.84	18.86		
20	QPSK	50	50	18.81	18.82	18.78		
20	QPSK	100	0	18.82	19.05	18.82	20.2	0
20	16QAM	1	0	18.87	18.84	18.89		
20	16QAM	1	49	18.81	18.82	18.82		
20	16QAM	1	99	18.89	19.01	18.94	20.2	0
20	16QAM	50	0	18.91	18.98	19.05		
20	16QAM	50	24	18.79	19.00	18.88		
20	16QAM	50	50	18.84	19.02	18.84	20.2	0
20	16QAM	100	0	18.87	18.85	18.95		
20	64QAM	1	0	18.85	18.85	18.82		
20	64QAM	1	49	18.81	19.00	18.85	20.2	0
20	64QAM	1	99	18.83	18.84	18.86		
20	64QAM	50	0	18.80	18.84	18.78		
20	64QAM	50	24	18.83	19.06	18.85	20.2	0
20	64QAM	50	50	18.86	18.85	18.91		
20	64QAM	100	0	18.81	18.81	18.78		
20	256QAM	1	0	17.75	17.54	17.69	19	1.2
20	256QAM	1	49	17.84	17.74	17.67		
20	256QAM	1	99	17.63	17.74	17.85		

20	256QAM	50	0	17.86	17.66	17.78	19	1.2
20	256QAM	50	24	17.70	17.72	17.64		
20	256QAM	50	50	17.73	17.71	17.74		
20	256QAM	100	0	17.65	17.79	17.74		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.80	19.01	18.89	20.2	0
15	QPSK	1	37	18.82	18.82	18.93		
15	QPSK	1	74	18.86	18.81	18.79		
15	QPSK	36	0	18.82	19.01	18.85	20.2	0
15	QPSK	36	20	18.85	18.84	18.93		
15	QPSK	36	39	18.84	18.80	18.80		
15	QPSK	75	0	18.84	19.03	18.82		
15	16QAM	1	0	18.86	18.79	18.88	20.2	0
15	16QAM	1	37	18.78	18.85	18.80		
15	16QAM	1	74	18.89	19.03	18.90		
15	16QAM	36	0	18.90	18.88	18.90	20.2	0
15	16QAM	36	20	18.81	18.80	18.85		
15	16QAM	36	39	18.83	19.01	18.91		
15	16QAM	75	0	18.86	18.84	18.88		
15	64QAM	1	0	18.78	18.89	18.79	20.2	0
15	64QAM	1	37	18.87	19.01	18.87		
15	64QAM	1	74	18.89	18.80	18.93		
15	64QAM	36	0	18.86	18.80	18.85	20.2	0
15	64QAM	36	20	18.88	19.01	18.88		
15	64QAM	36	39	18.81	18.79	18.93		
15	64QAM	75	0	18.85	18.83	18.83		
15	256QAM	1	0	17.72	17.63	17.75	19	1.2
15	256QAM	1	37	17.82	17.78	17.66		
15	256QAM	1	74	17.66	17.64	17.83		
15	256QAM	36	0	17.82	17.61	17.74	19	1.2
15	256QAM	36	20	17.66	17.75	17.64		
15	256QAM	36	39	17.71	17.72	17.69		
15	256QAM	75	0	17.66	17.70	17.72		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.84	19.02	18.92	20.2	0
10	QPSK	1	25	18.90	18.86	18.91		
10	QPSK	1	49	18.78	18.85	18.82		
10	QPSK	25	0	18.84	19.08	18.87	20.2	0
10	QPSK	25	12	18.83	18.82	18.94		
10	QPSK	25	25	18.81	18.83	18.81		
10	QPSK	50	0	18.88	19.06	18.85		
10	16QAM	1	0	18.84	18.87	18.86	20.2	0
10	16QAM	1	25	18.85	18.82	18.77		
10	16QAM	1	49	18.85	19.09	18.87		
10	16QAM	25	0	18.90	18.82	18.94	20.2	0
10	16QAM	25	12	18.79	18.87	18.81		
10	16QAM	25	25	18.87	19.01	18.91		
10	16QAM	50	0	18.83	18.81	18.87		
10	64QAM	1	0	18.85	18.80	18.79	20.2	0
10	64QAM	1	25	18.80	19.02	18.91		
10	64QAM	1	49	18.82	18.83	18.91		
10	64QAM	25	0	18.87	18.82	18.83	20.2	0
10	64QAM	25	12	18.89	18.99	18.86		

10	64QAM	25	25	18.82	18.83	18.87		
10	64QAM	50	0	18.81	18.86	18.82		
10	256QAM	1	0	17.71	17.58	17.75		
10	256QAM	1	25	17.76	17.75	17.67	19	1.2
10	256QAM	1	49	17.65	17.72	17.77		
10	256QAM	25	0	17.84	17.60	17.77		
10	256QAM	25	12	17.75	17.73	17.65	19	1.2
10	256QAM	25	25	17.69	17.73	17.72		
10	256QAM	50	0	17.66	17.78	17.74		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.82	19.04	18.87	20.2	0
5	QPSK	1	12	18.83	18.84	18.91		
5	QPSK	1	24	18.83	18.83	18.76		
5	QPSK	12	0	18.83	19.03	18.84	20.2	0
5	QPSK	12	7	18.88	18.88	18.90		
5	QPSK	12	13	18.79	18.86	18.82		
5	QPSK	25	0	18.82	19.07	18.85	20.2	0
5	16QAM	1	0	18.89	18.82	18.92		
5	16QAM	1	12	18.84	18.84	18.76		
5	16QAM	1	24	18.83	19.05	18.88	20.2	0
5	16QAM	12	0	18.87	18.82	18.90		
5	16QAM	12	7	18.78	18.79	18.78		
5	16QAM	12	13	18.86	19.04	18.85	20.2	0
5	16QAM	25	0	18.89	18.88	18.89		
5	64QAM	1	0	18.82	18.87	18.75	20.2	0
5	64QAM	1	12	18.86	19.09	18.87		
5	64QAM	1	24	18.90	18.81	18.87		
5	64QAM	12	0	18.85	18.81	18.81	20.2	0
5	64QAM	12	7	18.87	19.04	18.83		
5	64QAM	12	13	18.88	18.84	18.87		
5	64QAM	25	0	18.79	18.85	18.79	19	1.2
5	256QAM	1	0	17.73	17.63	17.71		
5	256QAM	1	12	17.86	17.78	17.65		
5	256QAM	1	24	17.62	17.73	17.78	19	1.2
5	256QAM	12	0	17.81	17.63	17.81		
5	256QAM	12	7	17.69	17.73	17.66		
5	256QAM	12	13	17.72	17.76	17.75	19	1.2
5	256QAM	25	0	17.68	17.78	17.74		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.82	18.99	18.87	20.2	0
3	QPSK	1	8	18.89	18.86	18.90		
3	QPSK	1	14	18.80	18.83	18.79		
3	QPSK	8	0	18.82	19.02	18.83	20.2	0
3	QPSK	8	4	18.87	18.80	18.92		
3	QPSK	8	7	18.77	18.80	18.83		
3	QPSK	15	0	18.85	19.05	18.89	20.2	0
3	16QAM	1	0	18.82	18.85	18.95		
3	16QAM	1	8	18.80	18.86	18.81		
3	16QAM	1	14	18.84	19.06	18.90	20.2	0
3	16QAM	8	0	18.90	18.82	18.87		
3	16QAM	8	4	18.80	18.80	18.78		
3	16QAM	8	7	18.87	19.07	18.90	20.2	0
3	16QAM	15	0	18.84	18.81	18.86		

3	64QAM	1	0	18.81	18.88	18.76	20.2	0
3	64QAM	1	8	18.81	19.00	18.84		
3	64QAM	1	14	18.90	18.85	18.85		
3	64QAM	8	0	18.82	18.85	18.82	20.2	0
3	64QAM	8	4	18.89	19.02	18.86		
3	64QAM	8	7	18.86	18.79	18.88		
3	64QAM	15	0	18.78	18.88	18.85	19	1.2
3	256QAM	1	0	17.75	17.56	17.74		
3	256QAM	1	8	17.81	17.76	17.74		
3	256QAM	1	14	17.64	17.64	17.84	19	1.2
3	256QAM	8	0	17.79	17.68	17.79		
3	256QAM	8	4	17.73	17.70	17.66		
3	256QAM	8	7	17.75	17.68	17.70	19	1.2
3	256QAM	15	0	17.67	17.73	17.73		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.87	19.05	18.88	20.2	0
1.4	QPSK	1	3	18.81	18.81	18.94		
1.4	QPSK	1	5	18.83	18.85	18.79		
1.4	QPSK	3	0	18.83	19.04	18.87	20.2	0
1.4	QPSK	3	1	18.86	18.89	18.85		
1.4	QPSK	3	3	18.77	18.83	18.80		
1.4	QPSK	6	0	18.83	19.00	18.84	20.2	0
1.4	16QAM	1	0	18.82	18.83	18.86	20.2	0
1.4	16QAM	1	3	18.81	18.83	18.75		
1.4	16QAM	1	5	18.83	19.06	18.83		
1.4	16QAM	3	0	18.89	18.86	18.88	20.2	0
1.4	16QAM	3	1	18.78	18.87	18.85		
1.4	16QAM	3	3	18.82	19.07	18.82		
1.4	16QAM	6	0	18.91	18.85	18.91	20.2	0
1.4	64QAM	1	0	18.83	18.81	18.81	20.2	0
1.4	64QAM	1	3	18.81	19.05	18.92		
1.4	64QAM	1	5	18.82	18.88	18.91		
1.4	64QAM	3	0	18.86	18.84	18.80	20.2	0
1.4	64QAM	3	1	18.87	19.05	18.82		
1.4	64QAM	3	3	18.82	18.81	18.89		
1.4	64QAM	6	0	18.83	18.85	18.78	20.2	0
1.4	256QAM	1	0	17.84	17.72	17.66	19	1.2
1.4	256QAM	1	3	17.81	17.65	17.62		
1.4	256QAM	1	5	17.70	17.68	17.66		
1.4	256QAM	3	0	17.87	17.65	17.66	19	1.2
1.4	256QAM	3	1	17.66	17.55	17.54		
1.4	256QAM	3	3	17.71	17.72	17.75		
1.4	256QAM	6	0	17.71	17.75	17.82	19	1.2

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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				132072	132322	132572	20.2	0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.86	19.14	18.84		
20	QPSK	1	49	18.82	18.86	18.86	20.2	0
20	QPSK	1	99	18.82	18.81	18.79		
20	QPSK	50	0	18.80	19.06	18.91	20.2	0

20	QPSK	50	24	18.89	18.81	18.89		
20	QPSK	50	50	18.84	18.80	18.85		
20	QPSK	100	0	18.81	19.07	18.85		
20	16QAM	1	0	18.81	18.81	18.92	20.2	0
20	16QAM	1	49	18.87	18.79	18.77		
20	16QAM	1	99	18.89	19.06	18.83		
20	16QAM	50	0	18.86	18.86	18.94	20.2	0
20	16QAM	50	24	18.83	18.79	18.76		
20	16QAM	50	50	18.81	18.99	18.84		
20	16QAM	100	0	18.85	18.83	18.90	20.2	0
20	64QAM	1	0	18.79	18.81	18.79		
20	64QAM	1	49	18.84	19.08	18.86		
20	64QAM	1	99	18.85	18.81	18.90	20.2	0
20	64QAM	50	0	18.85	18.83	18.77		
20	64QAM	50	24	18.88	19.01	18.82		
20	64QAM	50	50	18.84	18.81	18.90	19	1.2
20	64QAM	100	0	18.81	18.82	18.82		
20	256QAM	1	0	17.70	17.58	17.70		
20	256QAM	1	49	17.81	17.79	17.70	19	1.2
20	256QAM	1	99	17.69	17.64	17.83		
20	256QAM	50	0	17.83	17.61	17.76		
20	256QAM	50	24	17.69	17.70	17.67	19	1.2
20	256QAM	50	50	17.77	17.70	17.76		
20	256QAM	100	0	17.69	17.73	17.72		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.86	18.99	18.85	20.2	0
15	QPSK	1	37	18.82	18.85	18.94		
15	QPSK	1	74	18.85	18.82	18.75		
15	QPSK	36	0	18.83	19.02	18.84	20.2	0
15	QPSK	36	20	18.83	18.84	18.90		
15	QPSK	36	39	18.82	18.82	18.84		
15	QPSK	75	0	18.83	19.02	18.86	20.2	0
15	16QAM	1	0	18.90	18.79	18.87		
15	16QAM	1	37	18.80	18.87	18.79		
15	16QAM	1	74	18.84	19.02	18.88	20.2	0
15	16QAM	36	0	18.87	18.89	18.88		
15	16QAM	36	20	18.84	18.80	18.84		
15	16QAM	36	39	18.83	19.02	18.83	20.2	0
15	16QAM	75	0	18.83	18.86	18.91		
15	64QAM	1	0	18.85	18.79	18.82		
15	64QAM	1	37	18.88	19.02	18.88	20.2	0
15	64QAM	1	74	18.88	18.80	18.94		
15	64QAM	36	0	18.86	18.81	18.78		
15	64QAM	36	20	18.81	19.04	18.88	19	1.2
15	64QAM	36	39	18.81	18.89	18.88		
15	64QAM	75	0	18.82	18.87	18.83		
15	256QAM	1	0	17.77	17.55	17.71	19	1.2
15	256QAM	1	37	17.80	17.79	17.68		
15	256QAM	1	74	17.69	17.66	17.78		
15	256QAM	36	0	17.81	17.65	17.82	19	1.2
15	256QAM	36	20	17.73	17.69	17.65		
15	256QAM	36	39	17.72	17.69	17.76		
15	256QAM	75	0	17.70	17.72	17.75	Tune-up limit	MPR (dB)
Channel				132022	132322	132622		
Frequency (MHz)				1715	1745	1775		

							(dBm)	
10	QPSK	1	0	18.83	19.02	18.87	20.2	0
10	QPSK	1	25	18.82	18.84	18.90		
10	QPSK	1	49	18.77	18.87	18.82		
10	QPSK	25	0	18.88	19.01	18.90	20.2	0
10	QPSK	25	12	18.84	18.80	18.86		
10	QPSK	25	25	18.83	18.89	18.81		
10	QPSK	50	0	18.81	19.06	18.82	20.2	0
10	16QAM	1	0	18.84	18.83	18.89		
10	16QAM	1	25	18.82	18.89	18.81		
10	16QAM	1	49	18.79	19.09	18.90	20.2	0
10	16QAM	25	0	18.84	18.80	18.85		
10	16QAM	25	12	18.86	18.84	18.84		
10	16QAM	25	25	18.86	19.06	18.89	20.2	0
10	16QAM	50	0	18.85	18.81	18.92		
10	64QAM	1	0	18.86	18.80	18.85		
10	64QAM	1	25	18.85	19.02	18.85	20.2	0
10	64QAM	1	49	18.83	18.79	18.94		
10	64QAM	25	0	18.83	18.79	18.84		
10	64QAM	25	12	18.88	19.00	18.90	20.2	0
10	64QAM	25	25	18.87	18.81	18.87		
10	64QAM	50	0	18.81	18.86	18.84		
10	256QAM	1	0	17.77	17.62	17.71	19	1.2
10	256QAM	1	25	17.78	17.73	17.69		
10	256QAM	1	49	17.63	17.66	17.85		
10	256QAM	25	0	17.77	17.63	17.78	19	1.2
10	256QAM	25	12	17.75	17.75	17.67		
10	256QAM	25	25	17.73	17.73	17.74		
10	256QAM	50	0	17.71	17.78	17.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.84	19.05	18.83	20.2	0
5	QPSK	1	12	18.89	18.79	18.88		
5	QPSK	1	24	18.81	18.82	18.84		
5	QPSK	12	0	18.82	19.05	18.85	20.2	0
5	QPSK	12	7	18.87	18.82	18.86		
5	QPSK	12	13	18.86	18.83	18.84		
5	QPSK	25	0	18.87	19.00	18.88	20.2	0
5	16QAM	1	0	18.87	18.81	18.90		
5	16QAM	1	12	18.85	18.83	18.78		
5	16QAM	1	24	18.84	19.06	18.85	20.2	0
5	16QAM	12	0	18.84	18.89	18.87		
5	16QAM	12	7	18.81	18.81	18.78		
5	16QAM	12	13	18.80	18.99	18.82	20.2	0
5	16QAM	25	0	18.86	18.84	18.87		
5	64QAM	1	0	18.85	18.82	18.78		
5	64QAM	1	12	18.80	19.08	18.86	20.2	0
5	64QAM	1	24	18.85	18.87	18.88		
5	64QAM	12	0	18.83	18.85	18.84		
5	64QAM	12	7	18.86	19.04	18.88	20.2	0
5	64QAM	12	13	18.84	18.80	18.93		
5	64QAM	25	0	18.80	18.81	18.81		
5	256QAM	1	0	17.76	17.59	17.71	19	1.2
5	256QAM	1	12	17.85	17.76	17.65		
5	256QAM	1	24	17.65	17.72	17.79		
5	256QAM	12	0	17.80	17.61	17.74	19	1.2

5	256QAM	12	7	17.71	17.65	17.62		
5	256QAM	12	13	17.70	17.69	17.70		
5	256QAM	25	0	17.65	17.73	17.69		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.88	19.00	18.85	20.2	0
3	QPSK	1	8	18.83	18.82	18.86		
3	QPSK	1	14	18.84	18.88	18.82		
3	QPSK	8	0	18.80	19.07	18.83	20.2	0
3	QPSK	8	4	18.90	18.84	18.91		
3	QPSK	8	7	18.81	18.82	18.78		
3	QPSK	15	0	18.86	19.08	18.84	20.2	0
3	16QAM	1	0	18.88	18.80	18.87		
3	16QAM	1	8	18.83	18.83	18.79		
3	16QAM	1	14	18.81	19.05	18.86	20.2	0
3	16QAM	8	0	18.89	18.86	18.91		
3	16QAM	8	4	18.78	18.81	18.77		
3	16QAM	8	7	18.82	19.09	18.90	20.2	0
3	16QAM	15	0	18.87	18.85	18.94		
3	64QAM	1	0	18.77	18.89	18.85	20.2	0
3	64QAM	1	8	18.87	19.08	18.92		
3	64QAM	1	14	18.83	18.87	18.85		
3	64QAM	8	0	18.79	18.88	18.83	20.2	0
3	64QAM	8	4	18.82	19.06	18.88		
3	64QAM	8	7	18.86	18.81	18.89		
3	64QAM	15	0	18.82	18.85	18.78	19	1.2
3	256QAM	1	0	17.69	17.62	17.72		
3	256QAM	1	8	17.79	17.79	17.68		
3	256QAM	1	14	17.63	17.71	17.84	19	1.2
3	256QAM	8	0	17.81	17.65	17.80		
3	256QAM	8	4	17.67	17.66	17.68		
3	256QAM	8	7	17.73	17.75	17.74	19	1.2
3	256QAM	15	0	17.68	17.73	17.75		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.81	19.07	18.87	20.2	0
1.4	QPSK	1	3	18.85	18.79	18.87		
1.4	QPSK	1	5	18.84	18.82	18.79		
1.4	QPSK	3	0	18.84	19.04	18.88		
1.4	QPSK	3	1	18.88	18.85	18.95		
1.4	QPSK	3	3	18.79	18.79	18.76		
1.4	QPSK	6	0	18.81	19.08	18.91	20.2	0
1.4	16QAM	1	0	18.87	18.86	18.88	20.2	0
1.4	16QAM	1	3	18.84	18.86	18.80		
1.4	16QAM	1	5	18.84	19.08	18.89		
1.4	16QAM	3	0	18.83	18.85	18.94		
1.4	16QAM	3	1	18.81	18.79	18.81		
1.4	16QAM	3	3	18.79	19.06	18.83		
1.4	16QAM	6	0	18.89	18.86	18.93	20.2	0
1.4	64QAM	1	0	18.87	18.89	18.79	20.2	0
1.4	64QAM	1	3	18.88	19.01	18.88		
1.4	64QAM	1	5	18.90	18.86	18.87		
1.4	64QAM	3	0	18.81	18.83	18.80		
1.4	64QAM	3	1	18.84	19.06	18.85		
1.4	64QAM	3	3	18.81	18.82	18.87		

1.4	64QAM	6	0	18.84	18.86	18.79	20.2	0
1.4	256QAM	1	0	17.82	17.70	17.67	19	1.2
1.4	256QAM	1	3	17.78	17.61	17.67		
1.4	256QAM	1	5	17.68	17.63	17.68		
1.4	256QAM	3	0	17.80	17.59	17.71		
1.4	256QAM	3	1	17.63	17.55	17.58		
1.4	256QAM	3	3	17.74	17.76	17.72		
1.4	256QAM	6	0	17.71	17.79	17.82	19	1.2

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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				20050	20175	20300	24	0
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.58	22.82	22.54		
20	QPSK	1	49	22.56	22.51	22.67	23	1
20	QPSK	1	99	22.50	22.59	22.47		
20	QPSK	50	0	21.71	21.87	21.59		
20	QPSK	50	24	21.69	21.68	21.55		
20	QPSK	50	50	21.72	21.68	21.67	23	1
20	QPSK	100	0	21.53	21.83	21.75		
20	16QAM	1	0	22.02	22.08	22.04		
20	16QAM	1	49	21.85	21.91	22.01		
20	16QAM	1	99	22.02	21.95	22.19	22	2
20	16QAM	50	0	20.66	20.82	20.60		
20	16QAM	50	24	20.59	20.69	20.68		
20	16QAM	50	50	20.75	20.69	20.55		
20	16QAM	100	0	20.53	20.71	20.53	22	2
20	64QAM	1	0	20.71	20.64	20.67		
20	64QAM	1	49	20.67	20.54	20.64		
20	64QAM	1	99	20.57	20.53	20.60		
20	64QAM	50	0	19.78	19.65	19.69	21	3
20	64QAM	50	24	19.71	19.78	19.79		
20	64QAM	50	50	19.95	19.72	19.81		
20	64QAM	100	0	19.59	19.78	19.71		
20	256QAM	1	0	17.58	17.35	17.55	19	5
20	256QAM	1	49	17.69	17.57	17.56		
20	256QAM	1	99	17.52	17.68	17.63		
20	256QAM	50	0	17.68	17.59	17.71	19	5
20	256QAM	50	24	17.49	17.50	17.41		
20	256QAM	50	50	17.67	17.63	17.66		
20	256QAM	100	0	17.59	17.68	17.62		
Channel				20025	20175	20325	24	0
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.41	22.69	22.40		
15	QPSK	1	37	22.43	22.38	22.59	23	1
15	QPSK	1	74	22.42	22.44	22.34		
15	QPSK	36	0	21.64	21.72	21.48		
15	QPSK	36	20	21.57	21.62	21.44		
15	QPSK	36	39	21.59	21.55	21.59	23	1
15	QPSK	75	0	21.38	21.75	21.68		
15	16QAM	1	0	21.84	22.01	21.90		
15	16QAM	1	37	21.71	21.75	21.87		
15	16QAM	1	74	21.92	21.85	22.05	23	1

15	16QAM	36	0	20.56	20.75	20.50	22	2
15	16QAM	36	20	20.53	20.53	20.55		
15	16QAM	36	39	20.64	20.63	20.44		
15	16QAM	75	0	20.35	20.64	20.43	22	2
15	64QAM	1	0	20.53	20.46	20.53		
15	64QAM	1	37	20.53	20.46	20.47		
15	64QAM	1	74	20.45	20.44	20.47	21	3
15	64QAM	36	0	19.71	19.52	19.60		
15	64QAM	36	20	19.56	19.62	19.71		
15	64QAM	36	39	19.84	19.56	19.73	19	5
15	64QAM	75	0	19.49	19.62	19.63		
15	256QAM	1	0	17.40	17.20	17.47		
15	256QAM	1	37	17.61	17.44	17.42	19	5
15	256QAM	1	74	17.44	17.59	17.46		
15	256QAM	36	0	17.62	17.41	17.65		
15	256QAM	36	20	17.37	17.43	17.32	19	5
15	256QAM	36	39	17.50	17.46	17.49		
15	256QAM	75	0	17.41	17.53	17.53		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.47	22.70	22.47	24	0
10	QPSK	1	25	22.38	22.40	22.53		
10	QPSK	1	49	22.34	22.50	22.36		
10	QPSK	25	0	21.64	21.71	21.42	23	1
10	QPSK	25	12	21.55	21.59	21.48		
10	QPSK	25	25	21.65	21.54	21.56		
10	QPSK	50	0	21.37	21.72	21.68	23	1
10	16QAM	1	0	21.85	21.90	21.90		
10	16QAM	1	25	21.68	21.73	21.88		
10	16QAM	1	49	21.95	21.78	22.07	22	2
10	16QAM	25	0	20.50	20.66	20.44		
10	16QAM	25	12	20.52	20.58	20.61		
10	16QAM	25	25	20.68	20.62	20.39	22	2
10	16QAM	50	0	20.45	20.58	20.41		
10	64QAM	1	0	20.55	20.46	20.54		
10	64QAM	1	25	20.53	20.43	20.50	21	3
10	64QAM	1	49	20.42	20.46	20.49		
10	64QAM	25	0	19.65	19.56	19.54		
10	64QAM	25	12	19.54	19.71	19.72	19	5
10	64QAM	25	25	19.79	19.57	19.63		
10	64QAM	50	0	19.42	19.64	19.53		
10	256QAM	1	0	17.49	17.29	17.45	19	5
10	256QAM	1	25	17.53	17.49	17.46		
10	256QAM	1	49	17.43	17.52	17.56		
10	256QAM	25	0	17.61	17.42	17.64	19	5
10	256QAM	25	12	17.32	17.40	17.33		
10	256QAM	25	25	17.53	17.55	17.59		
10	256QAM	50	0	17.44	17.59	17.53	Tune-up limit (dBm)	MPR (dB)
Channel				19975	20175	20375		
Frequency (MHz)				1712.5	1732.5	1752.5	24	0
5	QPSK	1	0	22.47	22.73	22.40		
5	QPSK	1	12	22.49	22.36	22.52		
5	QPSK	1	24	22.35	22.43	22.32	23	1
5	QPSK	12	0	21.64	21.79	21.46		
5	QPSK	12	7	21.59	21.54	21.39		

5	QPSK	12	13	21.63	21.52	21.52		
5	QPSK	25	0	21.39	21.68	21.65		
5	16QAM	1	0	21.89	22.02	21.90		
5	16QAM	1	12	21.77	21.79	21.89	23	1
5	16QAM	1	24	21.95	21.83	22.07	22	2
5	16QAM	12	0	20.49	20.69	20.42		
5	16QAM	12	7	20.47	20.61	20.58		
5	16QAM	12	13	20.65	20.59	20.40		
5	16QAM	25	0	20.45	20.64	20.43	22	2
5	64QAM	1	0	20.56	20.51	20.49		
5	64QAM	1	12	20.51	20.43	20.53		
5	64QAM	1	24	20.40	20.40	20.49	21	3
5	64QAM	12	0	19.69	19.53	19.58		
5	64QAM	12	7	19.55	19.66	19.66		
5	64QAM	12	13	19.85	19.60	19.65		
5	64QAM	25	0	19.53	19.67	19.65	19	5
5	256QAM	1	0	17.43	17.20	17.39		
5	256QAM	1	12	17.53	17.45	17.47		
5	256QAM	1	24	17.36	17.50	17.53	19	5
5	256QAM	12	0	17.59	17.42	17.62		
5	256QAM	12	7	17.39	17.35	17.32		
5	256QAM	12	13	17.56	17.49	17.49		
5	256QAM	25	0	17.45	17.56	17.46	Tune-up limit (dBm)	MPR (dB)
Channel				19965	20175	20385		
Frequency (MHz)				1711.5	1732.5	1753.5	24	0
3	QPSK	1	0	22.52	22.65	22.38		
3	QPSK	1	8	22.44	22.43	22.54		
3	QPSK	1	14	22.34	22.46	22.36	23	1
3	QPSK	8	0	21.61	21.73	21.49		
3	QPSK	8	4	21.58	21.50	21.38		
3	QPSK	8	7	21.61	21.52	21.58		
3	QPSK	15	0	21.36	21.75	21.58	23	1
3	16QAM	1	0	21.94	21.95	21.97		
3	16QAM	1	8	21.71	21.74	21.90		
3	16QAM	1	14	21.93	21.78	22.01	22	2
3	16QAM	8	0	20.54	20.73	20.44		
3	16QAM	8	4	20.50	20.51	20.52		
3	16QAM	8	7	20.66	20.55	20.45		
3	16QAM	15	0	20.38	20.63	20.43	22	2
3	64QAM	1	0	20.61	20.49	20.51		
3	64QAM	1	8	20.51	20.43	20.51		
3	64QAM	1	14	20.49	20.47	20.45	21	3
3	64QAM	8	0	19.62	19.52	19.60		
3	64QAM	8	4	19.64	19.68	19.70		
3	64QAM	8	7	19.87	19.64	19.65		
3	64QAM	15	0	19.50	19.72	19.64	19	5
3	256QAM	1	0	17.45	17.21	17.38		
3	256QAM	1	8	17.61	17.44	17.45		
3	256QAM	1	14	17.45	17.53	17.50	19	5
3	256QAM	8	0	17.58	17.53	17.57		
3	256QAM	8	4	17.39	17.35	17.34		
3	256QAM	8	7	17.53	17.57	17.49		
3	256QAM	15	0	17.47	17.53	17.50	Tune-up limit (dBm)	MPR (dB)
Channel				19957	20175	20393		
Frequency (MHz)				1710.7	1732.5	1754.3		

1.4	QPSK	1	0	22.51	22.60	22.51	24	0
1.4	QPSK	1	3	22.60	22.57	22.55		
1.4	QPSK	1	5	22.53	22.50	22.57		
1.4	QPSK	3	0	22.57	22.73	22.49		
1.4	QPSK	3	1	22.54	22.58	22.65		
1.4	QPSK	3	3	22.66	22.58	22.50	23	1
1.4	QPSK	6	0	21.48	21.52	21.61		
1.4	16QAM	1	0	21.69	21.46	21.57		
1.4	16QAM	1	3	21.70	21.63	21.78		
1.4	16QAM	1	5	21.52	21.64	21.77		
1.4	16QAM	3	0	21.99	22.20	22.08	23	1
1.4	16QAM	3	1	21.98	22.01	22.14		
1.4	16QAM	3	3	21.93	22.11	22.12		
1.4	16QAM	6	0	20.75	20.72	20.63		
1.4	64QAM	1	0	20.62	20.63	20.70	22	2
1.4	64QAM	1	3	20.75	20.53	20.72		
1.4	64QAM	1	5	20.54	20.50	20.48		
1.4	64QAM	3	0	20.60	20.74	20.67		
1.4	64QAM	3	1	20.66	20.58	20.66		
1.4	64QAM	3	3	20.62	20.47	20.43	21	3
1.4	64QAM	6	0	20.42	20.52	20.53		
1.4	256QAM	1	0	17.67	17.63	17.55		
1.4	256QAM	1	3	17.61	17.49	17.58		
1.4	256QAM	1	5	17.55	17.46	17.52		
1.4	256QAM	3	0	17.71	17.51	17.55	19	5
1.4	256QAM	3	1	17.54	17.47	17.51		
1.4	256QAM	3	3	17.66	17.59	17.64		
1.4	256QAM	6	0	17.56	17.68	17.65		
1.4	256QAM	6	0	17.56	17.68	17.65	19	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				132072	132322	132572	24	0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.72	22.85	22.78		
20	QPSK	1	49	22.72	22.66	22.68	23	1
20	QPSK	1	99	22.69	22.72	22.60		
20	QPSK	50	0	21.82	21.90	21.70		
20	QPSK	50	24	21.78	21.71	21.78		
20	QPSK	50	50	21.88	21.83	21.81		
20	QPSK	100	0	21.77	21.86	21.79	23	1
20	16QAM	1	0	22.17	22.08	22.10		
20	16QAM	1	49	22.04	22.15	22.14		
20	16QAM	1	99	22.11	22.17	22.33		
20	16QAM	50	0	20.94	20.83	20.71		
20	16QAM	50	24	20.81	20.79	20.89	22	2
20	16QAM	50	50	20.82	20.73	20.75		
20	16QAM	100	0	20.78	20.80	20.62		
20	64QAM	1	0	20.80	20.83	20.77		
20	64QAM	1	49	20.87	20.80	20.72		
20	64QAM	1	99	20.78	20.81	20.74	21	3
20	64QAM	50	0	19.93	19.91	19.76		
20	64QAM	50	24	19.85	19.78	19.86		
20	64QAM	50	50	20.01	19.99	19.87		
20	64QAM	100	0	19.80	19.95	19.87		

20	256QAM	1	0	17.70	17.58	17.70	19	5
20	256QAM	1	49	17.81	17.79	17.70		
20	256QAM	1	99	17.69	17.64	17.83		
20	256QAM	50	0	17.83	17.61	17.76	19	5
20	256QAM	50	24	17.69	17.70	17.67		
20	256QAM	50	50	17.77	17.70	17.76		
20	256QAM	100	0	17.69	17.73	17.72		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.68	22.74	22.72	24	0
15	QPSK	1	37	22.69	22.73	22.73		
15	QPSK	1	74	22.68	22.69	22.61		
15	QPSK	36	0	21.82	21.95	21.72	23	1
15	QPSK	36	20	21.81	21.78	21.73		
15	QPSK	36	39	21.95	21.75	21.75		
15	QPSK	75	0	21.70	21.84	21.77		
15	16QAM	1	0	22.11	22.16	22.15	23	1
15	16QAM	1	37	22.09	22.18	22.14		
15	16QAM	1	74	22.11	22.14	22.32		
15	16QAM	36	0	20.97	20.84	20.70	22	2
15	16QAM	36	20	20.83	20.86	20.90		
15	16QAM	36	39	20.81	20.74	20.84		
15	16QAM	75	0	20.70	20.79	20.65		
15	64QAM	1	0	20.79	20.85	20.77	22	2
15	64QAM	1	37	20.85	20.80	20.71		
15	64QAM	1	74	20.75	20.79	20.74		
15	64QAM	36	0	19.94	19.91	19.76	21	3
15	64QAM	36	20	19.89	19.80	19.90		
15	64QAM	36	39	20.01	19.98	19.92		
15	64QAM	75	0	19.75	19.93	19.87		
15	256QAM	1	0	17.77	17.55	17.71	19	5
15	256QAM	1	37	17.80	17.79	17.68		
15	256QAM	1	74	17.69	17.66	17.78		
15	256QAM	36	0	17.81	17.65	17.82	19	5
15	256QAM	36	20	17.73	17.69	17.65		
15	256QAM	36	39	17.72	17.69	17.76		
15	256QAM	75	0	17.70	17.72	17.75		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.61	22.75	22.74	24	0
10	QPSK	1	25	22.71	22.66	22.75		
10	QPSK	1	49	22.66	22.72	22.67		
10	QPSK	25	0	21.81	21.94	21.77	23	1
10	QPSK	25	12	21.86	21.72	21.76		
10	QPSK	25	25	21.97	21.78	21.78		
10	QPSK	50	0	21.75	21.89	21.84		
10	16QAM	1	0	22.12	22.06	22.09	23	1
10	16QAM	1	25	22.06	22.17	22.23		
10	16QAM	1	49	22.17	22.12	22.33		
10	16QAM	25	0	20.94	20.82	20.71	22	2
10	16QAM	25	12	20.77	20.81	20.93		
10	16QAM	25	25	20.85	20.73	20.76		
10	16QAM	50	0	20.75	20.78	20.66		
10	64QAM	1	0	20.78	20.81	20.74	22	2
10	64QAM	1	25	20.85	20.81	20.81		

10	64QAM	1	49	20.72	20.78	20.81	21	3
10	64QAM	25	0	20.03	19.85	19.75		
10	64QAM	25	12	19.82	19.82	19.85		
10	64QAM	25	25	20.03	19.93	19.92		
10	64QAM	50	0	19.80	19.87	19.90	19	5
10	256QAM	1	0	17.77	17.62	17.71		
10	256QAM	1	25	17.78	17.73	17.69		
10	256QAM	1	49	17.63	17.66	17.85	19	5
10	256QAM	25	0	17.77	17.63	17.78		
10	256QAM	25	12	17.75	17.75	17.67		
10	256QAM	25	25	17.73	17.73	17.74		
10	256QAM	50	0	17.71	17.78	17.76	Tune-up limit (dBm)	MPR (dB)
Channel				131997	132322	132647		
Frequency (MHz)				1712.5	1745	1777.5	24	0
5	QPSK	1	0	22.62	22.71	22.70		
5	QPSK	1	12	22.72	22.65	22.69		
5	QPSK	1	24	22.68	22.73	22.61	23	1
5	QPSK	12	0	21.75	21.98	21.68		
5	QPSK	12	7	21.82	21.78	21.77		
5	QPSK	12	13	21.93	21.80	21.80		
5	QPSK	25	0	21.79	21.88	21.80	23	1
5	16QAM	1	0	22.13	22.09	22.16		
5	16QAM	1	12	22.01	22.14	22.21		
5	16QAM	1	24	22.10	22.13	22.34	22	2
5	16QAM	12	0	20.90	20.86	20.70		
5	16QAM	12	7	20.80	20.80	20.86		
5	16QAM	12	13	20.86	20.75	20.85		
5	16QAM	25	0	20.71	20.82	20.68	22	2
5	64QAM	1	0	20.78	20.82	20.77		
5	64QAM	1	12	20.82	20.78	20.80		
5	64QAM	1	24	20.77	20.84	20.84	21	3
5	64QAM	12	0	19.96	19.91	19.80		
5	64QAM	12	7	19.80	19.77	19.86		
5	64QAM	12	13	20.04	19.98	19.89		
5	64QAM	25	0	19.73	19.92	19.94	19	5
5	256QAM	1	0	17.76	17.59	17.71		
5	256QAM	1	12	17.85	17.76	17.65		
5	256QAM	1	24	17.65	17.72	17.79	19	5
5	256QAM	12	0	17.80	17.61	17.74		
5	256QAM	12	7	17.71	17.65	17.62		
5	256QAM	12	13	17.70	17.69	17.70		
5	256QAM	25	0	17.65	17.73	17.69	Tune-up limit (dBm)	MPR (dB)
Channel				131987	132322	132657		
Frequency (MHz)				1711.5	1745	1778.5	24	0
3	QPSK	1	0	22.61	22.70	22.67		
3	QPSK	1	8	22.67	22.63	22.69		
3	QPSK	1	14	22.67	22.70	22.68	23	1
3	QPSK	8	0	21.72	21.89	21.71		
3	QPSK	8	4	21.88	21.73	21.70		
3	QPSK	8	7	21.92	21.79	21.81		
3	QPSK	15	0	21.75	21.82	21.82	23	1
3	16QAM	1	0	22.15	22.12	22.10		
3	16QAM	1	8	22.07	22.12	22.19		
3	16QAM	1	14	22.12	22.12	22.33		
3	16QAM	8	0	20.96	20.88	20.76	22	2

3	16QAM	8	4	20.82	20.81	20.86		
3	16QAM	8	7	20.86	20.82	20.83		
3	16QAM	15	0	20.72	20.78	20.70		
3	64QAM	1	0	20.85	20.86	20.75	22	2
3	64QAM	1	8	20.83	20.76	20.76		
3	64QAM	1	14	20.75	20.84	20.74		
3	64QAM	8	0	19.98	19.84	19.81	21	3
3	64QAM	8	4	19.83	19.79	19.91		
3	64QAM	8	7	19.96	19.91	19.87		
3	64QAM	15	0	19.73	19.90	19.92	19	5
3	256QAM	1	0	17.69	17.62	17.72		
3	256QAM	1	8	17.79	17.79	17.68		
3	256QAM	1	14	17.63	17.71	17.84	19	5
3	256QAM	8	0	17.81	17.65	17.80		
3	256QAM	8	4	17.67	17.66	17.68		
3	256QAM	8	7	17.73	17.75	17.74	19	5
3	256QAM	15	0	17.68	17.73	17.75		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.60	22.77	22.58	24	0
1.4	QPSK	1	3	22.73	22.67	22.69		
1.4	QPSK	1	5	22.66	22.64	22.71		
1.4	QPSK	3	0	22.64	22.81	22.66		
1.4	QPSK	3	1	22.66	22.65	22.77		
1.4	QPSK	3	3	22.73	22.69	22.60		
1.4	QPSK	6	0	21.60	21.67	21.68	23	1
1.4	16QAM	1	0	21.76	21.62	21.69	23	1
1.4	16QAM	1	3	21.87	21.80	21.90		
1.4	16QAM	1	5	21.59	21.70	21.83		
1.4	16QAM	3	0	22.14	22.26	22.23		
1.4	16QAM	3	1	22.08	22.08	22.25		
1.4	16QAM	3	3	22.06	22.24	22.24		
1.4	16QAM	6	0	20.81	20.83	20.75	22	2
1.4	64QAM	1	0	20.78	20.74	20.82	22	2
1.4	64QAM	1	3	20.83	20.71	20.81		
1.4	64QAM	1	5	20.60	20.64	20.59		
1.4	64QAM	3	0	20.77	20.80	20.85		
1.4	64QAM	3	1	20.84	20.74	20.78		
1.4	64QAM	3	3	20.70	20.62	20.60		
1.4	64QAM	6	0	20.55	20.65	20.69	21	3
1.4	256QAM	1	0	17.82	17.70	17.67	19	5
1.4	256QAM	1	3	17.78	17.61	17.67		
1.4	256QAM	1	5	17.68	17.63	17.68		
1.4	256QAM	3	0	17.80	17.59	17.71		
1.4	256QAM	3	1	17.63	17.55	17.58		
1.4	256QAM	3	3	17.74	17.76	17.72		
1.4	256QAM	6	0	17.71	17.79	17.82	19	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				20850	21100	21350	17.6	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.54	16.65	16.57		

20	QPSK	1	49	16.51	16.39	16.41	17.6	0
20	QPSK	1	99	16.44	16.59	16.52		
20	QPSK	50	0	16.17	16.30	16.08		
20	QPSK	50	24	16.03	16.12	16.12		
20	QPSK	50	50	16.02	16.10	16.17		
20	QPSK	100	0	16.25	16.37	16.08	17.6	0
20	16QAM	1	0	15.96	16.15	16.04		
20	16QAM	1	49	16.02	16.12	16.13		
20	16QAM	1	99	16.16	16.33	16.14		
20	16QAM	50	0	16.00	16.21	16.08		
20	16QAM	50	24	16.04	16.11	16.19	17.6	0
20	16QAM	50	50	16.18	16.36	16.07		
20	16QAM	100	0	16.02	16.13	16.09		
20	64QAM	1	0	16.18	16.36	16.14		
20	64QAM	1	49	15.95	16.16	16.09		
20	64QAM	1	99	16.20	16.32	16.12	17.6	0
20	64QAM	50	0	16.04	16.16	16.06		
20	64QAM	50	24	16.00	16.18	16.22		
20	64QAM	50	50	16.17	16.28	16.12		
20	64QAM	100	0	16.02	16.19	16.04		
20	256QAM	1	0	16.00	16.15	16.12	17.6	0
20	256QAM	1	49	16.16	16.32	16.08		
20	256QAM	1	99	16.02	16.17	16.07		
20	256QAM	50	0	15.97	16.15	16.14		
20	256QAM	50	24	16.19	16.28	16.05		
20	256QAM	50	50	16.04	16.19	16.06	17.6	0
20	256QAM	100	0	16.02	16.17	16.21		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.20	16.36	16.13	17.6	0
15	QPSK	1	37	16.02	16.19	16.08		
15	QPSK	1	74	15.98	16.13	16.21		
15	QPSK	36	0	16.22	16.29	16.09		
15	QPSK	36	20	16.01	16.12	16.11		
15	QPSK	36	39	16.05	16.18	16.16	17.6	0
15	QPSK	75	0	16.24	16.34	16.06		
15	16QAM	1	0	15.97	16.18	16.09		
15	16QAM	1	37	15.95	16.14	16.17		
15	16QAM	1	74	16.20	16.30	16.08		
15	16QAM	36	0	15.97	16.18	16.04	17.6	0
15	16QAM	36	20	16.03	16.18	16.12		
15	16QAM	36	39	16.23	16.37	16.11		
15	16QAM	75	0	16.01	16.14	16.06		
15	64QAM	1	0	16.20	16.29	16.08		
15	64QAM	1	37	15.99	16.21	16.05	17.6	0
15	64QAM	1	74	16.17	16.33	16.10		
15	64QAM	36	0	15.97	16.18	16.10		
15	64QAM	36	20	15.95	16.10	16.14		
15	64QAM	36	39	16.17	16.33	16.10		
15	64QAM	75	0	16.04	16.16	16.07	17.6	0
15	256QAM	1	0	16.00	16.16	16.19		
15	256QAM	1	37	16.21	16.36	16.10		
15	256QAM	1	74	16.05	16.18	16.10		
15	256QAM	36	0	16.04	16.11	16.18		
15	256QAM	36	20	16.18	16.28	16.05	17.6	0
15	256QAM	36	39	15.97	16.15	16.06		

15	256QAM	75	0	16.00	16.17	16.15		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.24	16.33	16.13	17.6	0
10	QPSK	1	25	15.99	16.16	16.04		
10	QPSK	1	49	16.02	16.18	16.22		
10	QPSK	25	0	16.20	16.36	16.06	17.6	0
10	QPSK	25	12	16.00	16.20	16.07		
10	QPSK	25	25	15.96	16.11	16.15		
10	QPSK	50	0	16.22	16.33	16.06	17.6	0
10	16QAM	1	0	16.02	16.11	16.04		
10	16QAM	1	25	16.04	16.15	16.20		
10	16QAM	1	49	16.15	16.36	16.13	17.6	0
10	16QAM	25	0	15.96	16.14	16.03		
10	16QAM	25	12	15.96	16.11	16.14		
10	16QAM	25	25	16.22	16.32	16.06	17.6	0
10	16QAM	50	0	15.98	16.15	16.06		
10	64QAM	1	0	15.98	16.14	16.17		
10	64QAM	1	25	16.17	16.31	16.09	17.6	0
10	64QAM	1	49	16.25	16.37	16.12		
10	64QAM	25	0	16.01	16.13	16.04		
10	64QAM	25	12	16.05	16.13	16.19	17.6	0
10	64QAM	25	25	16.15	16.31	16.13		
10	64QAM	50	0	15.96	16.12	16.04		
10	256QAM	1	0	15.98	16.15	16.18	17.6	0
10	256QAM	1	25	16.22	16.28	16.15		
10	256QAM	1	49	16.00	16.15	16.02		
10	256QAM	25	0	15.99	16.12	16.20	17.6	0
10	256QAM	25	12	16.17	16.29	16.14		
10	256QAM	25	25	16.03	16.16	16.11		
10	256QAM	50	0	15.96	16.13	16.18		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.16	16.29	16.08	17.6	0
5	QPSK	1	12	16.01	16.16	16.12		
5	QPSK	1	24	16.02	16.10	16.17		
5	QPSK	12	0	16.18	16.32	16.08	17.6	0
5	QPSK	12	7	16.02	16.17	16.11		
5	QPSK	12	13	16.04	16.19	16.19		
5	QPSK	25	0	16.23	16.32	16.08	17.6	0
5	16QAM	1	0	16.03	16.11	16.04		
5	16QAM	1	12	16.02	16.11	16.15		
5	16QAM	1	24	16.21	16.37	16.07	17.6	0
5	16QAM	12	0	16.02	16.15	16.05		
5	16QAM	12	7	16.04	16.14	16.17		
5	16QAM	12	13	16.18	16.38	16.09	17.6	0
5	16QAM	25	0	16.01	16.15	16.08		
5	64QAM	1	0	16.00	16.19	16.20		
5	64QAM	1	12	16.23	16.35	16.10	17.6	0
5	64QAM	1	24	16.22	16.34	16.06		
5	64QAM	12	0	16.04	16.12	16.03		
5	64QAM	12	7	16.00	16.14	16.14	17.6	0
5	64QAM	12	13	16.21	16.36	16.05		
5	64QAM	25	0	15.99	16.12	16.07		
5	256QAM	1	0	16.01	16.14	16.15	17.6	0

5	256QAM	1	12	16.20	16.38	16.10	17.6	0
5	256QAM	1	24	16.02	16.17	16.09		
5	256QAM	12	0	16.03	16.12	16.13		
5	256QAM	12	7	16.18	16.35	16.13		
5	256QAM	12	13	15.99	16.12	16.06		
5	256QAM	25	0	16.03	16.10	16.16		

Band 5 Ant 1 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.64	21.66	21.49		
10	QPSK	1	25	21.65	21.55	21.60	23	0
10	QPSK	1	49	21.57	21.58	21.55		
10	QPSK	25	0	20.56	20.85	20.54		
10	QPSK	25	12	20.66	20.56	20.72	22	1
10	QPSK	25	25	20.78	20.71	20.80		
10	QPSK	50	0	20.58	20.72	20.69		
10	16QAM	1	0	21.10	20.98	21.07	22	1
10	16QAM	1	25	20.95	20.94	20.98		
10	16QAM	1	49	20.93	21.07	21.28		
10	16QAM	25	0	19.85	19.65	19.69	21	2
10	16QAM	25	12	19.62	19.76	19.82		
10	16QAM	25	25	19.83	19.72	19.60		
10	16QAM	50	0	19.60	19.60	19.47	21	2
10	64QAM	1	0	19.82	19.63	19.75		
10	64QAM	1	25	19.83	19.63	19.63		
10	64QAM	1	49	19.70	19.76	19.71	20	3
10	64QAM	25	0	18.93	18.87	18.66		
10	64QAM	25	12	18.74	18.76	18.78		
10	64QAM	25	25	18.93	18.93	18.89	18	5
10	64QAM	50	0	18.69	18.71	18.90		
10	256QAM	1	0	16.74	16.57	16.62		
10	256QAM	1	25	16.82	16.73	16.53	18	5
10	256QAM	1	49	16.61	16.66	16.79		
10	256QAM	25	0	16.63	16.44	16.61		
10	256QAM	25	12	16.61	16.53	16.48	18	5
10	256QAM	25	25	16.60	16.55	16.63		
10	256QAM	50	0	16.59	16.59	16.56		
Channel				20425	20525	20625		
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.55	21.59	21.54		
5	QPSK	1	12	21.70	21.60	21.50	23	0
5	QPSK	1	24	21.57	21.49	21.50		
5	QPSK	12	0	20.64	20.73	20.53		
5	QPSK	12	7	20.53	20.60	20.68	22	1
5	QPSK	12	13	20.71	20.63	20.79		
5	QPSK	25	0	20.44	20.80	20.77		
5	16QAM	1	0	21.16	21.02	20.97	22	1
5	16QAM	1	12	20.90	21.00	21.01		
5	16QAM	1	24	21.00	21.08	21.23		
5	16QAM	12	0	19.80	19.59	19.56	21	2
5	16QAM	12	7	19.58	19.76	19.74		

5	16QAM	12	13	19.70	19.64	19.47		
5	16QAM	25	0	19.48	19.47	19.35		
5	64QAM	1	0	19.79	19.56	19.80		
5	64QAM	1	12	19.84	19.60	19.59	21	2
5	64QAM	1	24	19.61	19.77	19.81	20	3
5	64QAM	12	0	18.80	18.77	18.74		
5	64QAM	12	7	18.68	18.70	18.88		
5	64QAM	12	13	18.89	18.88	18.98		
5	64QAM	25	0	18.61	18.66	18.85	18	5
5	256QAM	1	0	16.68	16.50	16.70		
5	256QAM	1	12	16.68	16.79	16.46		
5	256QAM	1	24	16.51	16.69	16.85	18	5
5	256QAM	12	0	16.71	16.43	16.70		
5	256QAM	12	7	16.59	16.51	16.42		
5	256QAM	12	13	16.52	16.42	16.60		
5	256QAM	25	0	16.51	16.63	16.50	Tune-up limit (dBm)	MPR (dB)
Channel				20415	20525	20635		
Frequency (MHz)				825.5	836.5	847.5	23	0
3	QPSK	1	0	21.61	21.73	21.55		
3	QPSK	1	8	21.58	21.47	21.69		
3	QPSK	1	14	21.64	21.50	21.64	22	1
3	QPSK	8	0	20.61	20.88	20.60		
3	QPSK	8	4	20.53	20.54	20.62		
3	QPSK	8	7	20.78	20.77	20.74		
3	QPSK	15	0	20.63	20.76	20.66	22	1
3	16QAM	1	0	21.11	21.04	20.93		
3	16QAM	1	8	20.97	21.02	20.88		
3	16QAM	1	14	20.85	21.12	21.14	21	2
3	16QAM	8	0	19.94	19.65	19.75		
3	16QAM	8	4	19.56	19.77	19.91		
3	16QAM	8	7	19.81	19.66	19.49		
3	16QAM	15	0	19.65	19.54	19.50	21	2
3	64QAM	1	0	19.89	19.65	19.66		
3	64QAM	1	8	19.76	19.73	19.70		
3	64QAM	1	14	19.73	19.71	19.81	20	3
3	64QAM	8	0	18.79	18.73	18.63		
3	64QAM	8	4	18.79	18.72	18.82		
3	64QAM	8	7	18.83	19.02	18.79		
3	64QAM	15	0	18.72	18.72	18.78	18	5
3	256QAM	1	0	16.78	16.56	16.66		
3	256QAM	1	8	16.78	16.67	16.46		
3	256QAM	1	14	16.71	16.58	16.69	18	5
3	256QAM	8	0	16.60	16.45	16.52		
3	256QAM	8	4	16.67	16.50	16.45		
3	256QAM	8	7	16.64	16.62	16.52		
3	256QAM	15	0	16.55	16.54	16.52	Tune-up limit (dBm)	MPR (dB)
Channel				20407	20525	20643		
Frequency (MHz)				824.7	836.5	848.3	23	0
1.4	QPSK	1	0	21.51	21.58	21.47		
1.4	QPSK	1	3	21.60	21.46	21.43		
1.4	QPSK	1	5	21.60	21.43	21.45		
1.4	QPSK	3	0	21.43	21.68	21.45		
1.4	QPSK	3	1	21.46	21.53	21.52		
1.4	QPSK	3	3	21.39	21.41	21.50		
1.4	QPSK	6	0	20.42	20.48	20.49	22	1

1.4	16QAM	1	0	20.67	20.42	20.52	22	1
1.4	16QAM	1	3	20.83	20.76	20.72		
1.4	16QAM	1	5	20.46	20.51	20.69		
1.4	16QAM	3	0	21.13	21.09	20.96		
1.4	16QAM	3	1	21.00	20.91	21.03		
1.4	16QAM	3	3	20.89	21.06	21.16	21	2
1.4	16QAM	6	0	19.55	19.57	19.70		
1.4	64QAM	1	0	19.67	19.60	19.70		
1.4	64QAM	1	3	19.57	19.60	19.58		
1.4	64QAM	1	5	19.49	19.38	19.38		
1.4	64QAM	3	0	19.58	19.53	19.70	20	3
1.4	64QAM	3	1	19.65	19.58	19.71		
1.4	64QAM	3	3	19.63	19.56	19.66		
1.4	64QAM	6	0	19.34	19.54	19.48		
1.4	256QAM	1	0	16.61	16.59	16.49	18	5
1.4	256QAM	1	3	16.60	16.55	16.44		
1.4	256QAM	1	5	16.56	16.60	16.44		
1.4	256QAM	3	0	16.69	16.59	16.46		
1.4	256QAM	3	1	16.47	16.45	16.40		
1.4	256QAM	3	3	16.58	16.55	16.60	18	5
1.4	256QAM	6	0	16.50	16.60	16.65		

Band 13 Ant 1 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				23230				
Frequency (MHz)				782				
10	QPSK	1	0		21.77		23	0
10	QPSK	1	25		21.51			
10	QPSK	1	49		21.64			
10	QPSK	25	0		20.75		22	1
10	QPSK	25	12		20.70			
10	QPSK	25	25		20.71			
10	QPSK	50	0		20.73			
10	16QAM	1	0		21.07		22	1
10	16QAM	1	25		21.20			
10	16QAM	1	49		21.05			
10	16QAM	25	0		19.67		21	2
10	16QAM	25	12		19.73			
10	16QAM	25	25		19.63			
10	16QAM	50	0		19.67			
10	64QAM	1	0		19.69		21	2
10	64QAM	1	25		19.71			
10	64QAM	1	49		19.70			
10	64QAM	25	0		18.84		20	3
10	64QAM	25	12		18.67			
10	64QAM	25	25		18.84			
10	64QAM	50	0		18.76			
10	256QAM	1	0		16.59		18	5
10	256QAM	1	25		16.61			
10	256QAM	1	49		16.70			
10	256QAM	25	0		16.66		18	5
10	256QAM	25	12		16.60			
10	256QAM	25	25		16.52			
10	256QAM	50	0		16.63			

Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.60	21.68	21.57	23	0
5	QPSK	1	12	21.75	21.56	21.61		
5	QPSK	1	24	21.45	21.64	21.53		
5	QPSK	12	0	20.82	21.02	20.52	22	1
5	QPSK	12	7	20.72	20.75	20.63		
5	QPSK	12	13	20.94	20.85	20.76		
5	QPSK	25	0	20.80	20.82	20.59	22	1
5	16QAM	1	0	21.19	20.99	21.00		
5	16QAM	1	12	20.97	21.06	21.08		
5	16QAM	1	24	20.95	21.00	21.20	21	2
5	16QAM	12	0	19.89	19.72	19.70		
5	16QAM	12	7	19.78	19.72	19.72		
5	16QAM	12	13	19.72	19.86	19.81	21	2
5	16QAM	25	0	19.70	19.61	19.54		
5	64QAM	1	0	19.70	19.65	19.70	21	2
5	64QAM	1	12	19.72	19.87	19.62		
5	64QAM	1	24	19.66	19.82	19.64		
5	64QAM	12	0	18.92	18.74	18.76	20	3
5	64QAM	12	7	18.75	18.69	18.98		
5	64QAM	12	13	18.84	18.74	18.84		
5	64QAM	25	0	18.60	18.87	18.72	18	5
5	256QAM	1	0	16.70	16.62	16.64		
5	256QAM	1	12	16.72	16.77	16.66		
5	256QAM	1	24	16.47	16.64	16.79	18	5
5	256QAM	12	0	16.64	16.65	16.70		
5	256QAM	12	7	16.64	16.70	16.58		
5	256QAM	12	13	16.67	16.68	16.53	18	5
5	256QAM	25	0	16.59	16.61	16.79		

Band 17 Ant 1 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				23780	23790	23800		
Frequency (MHz)				709	710	711	23	0
10	QPSK	1	0	21.58	21.78	21.76		
10	QPSK	1	25	21.57	21.56	21.55		
10	QPSK	1	49	21.69	21.68	21.49	22	1
10	QPSK	25	0	20.82	20.85	20.70		
10	QPSK	25	12	20.84	20.81	20.75		
10	QPSK	25	25	20.53	20.75	20.74	22	1
10	QPSK	50	0	20.70	20.81	20.80		
10	16QAM	1	0	21.07	21.08	21.17	22	1
10	16QAM	1	25	21.10	21.08	21.14		
10	16QAM	1	49	21.21	21.08	21.30		
10	16QAM	25	0	19.91	20.01	19.74	21	2
10	16QAM	25	12	19.78	19.93	19.87		
10	16QAM	25	25	19.89	19.88	19.72		
10	16QAM	50	0	19.75	19.75	19.68	21	2
10	64QAM	1	0	19.98	19.84	19.91		
10	64QAM	1	25	19.86	19.81	19.68		
10	64QAM	1	49	19.82	19.70	19.76	20	3
10	64QAM	25	0	18.99	18.81	18.68		

10	64QAM	25	12	18.91	18.80	18.97		
10	64QAM	25	25	18.87	18.89	18.83		
10	64QAM	50	0	18.84	18.91	19.02		
10	256QAM	1	0	16.64	16.63	16.74	18	5
10	256QAM	1	25	16.86	16.80	16.66		
10	256QAM	1	49	16.72	16.67	16.86		
10	256QAM	25	0	16.74	16.67	16.88	18	5
10	256QAM	25	12	16.77	16.72	16.62		
10	256QAM	25	25	16.60	16.72	16.56		
10	256QAM	50	0	16.68	16.74	16.67		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.63	21.72	21.70	23	0
5	QPSK	1	12	21.66	21.68	21.72		
5	QPSK	1	24	21.60	21.74	21.55		
5	QPSK	12	0	20.76	21.02	20.73	22	1
5	QPSK	12	7	20.81	20.85	20.92		
5	QPSK	12	13	20.72	20.80	20.78		
5	QPSK	25	0	20.89	20.91	20.80	22	1
5	16QAM	1	0	21.22	21.23	21.03		
5	16QAM	1	12	20.95	21.12	21.09		
5	16QAM	1	24	21.29	21.12	21.37	21	2
5	16QAM	12	0	20.02	19.88	19.65		
5	16QAM	12	7	19.73	19.76	19.74		
5	16QAM	12	13	19.95	19.83	19.93	21	2
5	16QAM	25	0	19.70	19.82	19.68		
5	64QAM	1	0	19.78	19.77	19.79		
5	64QAM	1	12	19.82	19.70	19.68	21	2
5	64QAM	1	24	19.86	19.85	19.75		
5	64QAM	12	0	19.05	18.91	18.87		
5	64QAM	12	7	18.94	18.86	18.85	20	3
5	64QAM	12	13	18.90	18.94	18.94		
5	64QAM	25	0	18.94	18.95	18.99		
5	256QAM	1	0	16.66	16.54	16.79	18	5
5	256QAM	1	12	16.86	16.85	16.81		
5	256QAM	1	24	16.59	16.66	16.90		
5	256QAM	12	0	16.91	16.62	16.86	18	5
5	256QAM	12	7	16.77	16.88	16.72		
5	256QAM	12	13	16.72	16.67	16.65		
5	256QAM	25	0	16.68	16.92	16.67		

Band 26 Ant 1 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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.36	21.64	21.34	23	0
15	QPSK	1	37	21.45	21.44	21.34		
15	QPSK	1	74	21.53	21.48	21.27		
15	QPSK	36	0	20.49	20.68	20.37	22	1
15	QPSK	36	20	20.40	20.53	20.35		
15	QPSK	36	39	20.66	20.65	20.56		
15	QPSK	75	0	20.48	20.68	20.43	22	1
15	16QAM	1	0	20.79	20.93	20.79		

15	16QAM	1	37	20.80	20.96	20.99		
15	16QAM	1	74	21.01	20.82	20.91		
15	16QAM	36	0	19.61	19.57	19.39		
15	16QAM	36	20	19.52	19.65	19.56	21	2
15	16QAM	36	39	19.64	19.59	19.51		
15	16QAM	75	0	19.41	19.50	19.42		
15	64QAM	1	0	19.62	19.67	19.50	21	2
15	64QAM	1	37	19.66	19.65	19.50		
15	64QAM	1	74	19.42	19.48	19.45		
15	64QAM	36	0	18.66	18.63	18.58	20	3
15	64QAM	36	20	18.45	18.63	18.61		
15	64QAM	36	39	18.74	18.57	18.69		
15	64QAM	75	0	18.45	18.59	18.54	18	5
15	256QAM	1	0	16.38	16.19	16.52		
15	256QAM	1	37	16.62	16.39	16.41		
15	256QAM	1	74	16.34	16.34	16.48	18	5
15	256QAM	36	0	16.49	16.52	16.33		
15	256QAM	36	20	16.38	16.29	16.52		
15	256QAM	36	39	16.34	16.43	16.43	18	5
15	256QAM	75	0	16.39	16.46	16.33		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.24	21.43	21.28	23	0
10	QPSK	1	25	21.55	21.47	21.36		
10	QPSK	1	49	21.36	21.33	21.33		
10	QPSK	25	0	20.52	20.63	20.45	22	1
10	QPSK	25	12	20.52	20.48	20.49		
10	QPSK	25	25	20.69	20.57	20.54		
10	QPSK	50	0	20.54	20.69	20.51	22	1
10	16QAM	1	0	20.91	20.75	20.80		
10	16QAM	1	25	20.90	20.85	21.05		
10	16QAM	1	49	21.00	20.83	20.98	21	2
10	16QAM	25	0	19.79	19.55	19.50		
10	16QAM	25	12	19.51	19.48	19.53		
10	16QAM	25	25	19.67	19.57	19.51	21	2
10	16QAM	50	0	19.45	19.56	19.46		
10	64QAM	1	0	19.48	19.56	19.44		
10	64QAM	1	25	19.52	19.45	19.59	21	2
10	64QAM	1	49	19.52	19.39	19.43		
10	64QAM	25	0	18.61	18.55	18.66		
10	64QAM	25	12	18.47	18.54	18.61	20	3
10	64QAM	25	25	18.72	18.60	18.58		
10	64QAM	50	0	18.46	18.58	18.68		
10	256QAM	1	0	16.53	16.37	16.45	18	5
10	256QAM	1	25	16.47	16.58	16.37		
10	256QAM	1	49	16.27	16.31	16.56		
10	256QAM	25	0	16.48	16.41	16.33	18	5
10	256QAM	25	12	16.41	16.32	16.50		
10	256QAM	25	25	16.53	16.43	16.48		
10	256QAM	50	0	16.33	16.50	16.50	Tune-up limit (dBm)	MPR (dB)
Channel				26715	26865	27015		
Frequency (MHz)				816.5	831.5	846.5	23	0
5	QPSK	1	0	21.37	21.43	21.35		
5	QPSK	1	12	21.41	21.39	21.35		
5	QPSK	1	24	21.58	21.42	21.30		

5	QPSK	12	0	20.64	20.62	20.48	22	1
5	QPSK	12	7	20.59	20.46	20.36		
5	QPSK	12	13	20.62	20.63	20.36		
5	QPSK	25	0	20.46	20.55	20.36		
5	16QAM	1	0	20.85	20.91	20.83	22	1
5	16QAM	1	12	20.81	20.95	20.98		
5	16QAM	1	24	20.97	20.94	21.01		
5	16QAM	12	0	19.67	19.66	19.53	21	2
5	16QAM	12	7	19.42	19.58	19.73		
5	16QAM	12	13	19.47	19.58	19.48		
5	16QAM	25	0	19.34	19.57	19.47		
5	64QAM	1	0	19.55	19.69	19.45	21	2
5	64QAM	1	12	19.69	19.63	19.52		
5	64QAM	1	24	19.58	19.39	19.56		
5	64QAM	12	0	18.78	18.44	18.65	20	3
5	64QAM	12	7	18.53	18.64	18.71		
5	64QAM	12	13	18.75	18.58	18.57		
5	64QAM	25	0	18.39	18.70	18.64		
5	256QAM	1	0	16.35	16.35	16.42	18	5
5	256QAM	1	12	16.58	16.55	16.48		
5	256QAM	1	24	16.20	16.31	16.61		
5	256QAM	12	0	16.55	16.37	16.34	18	5
5	256QAM	12	7	16.47	16.40	16.36		
5	256QAM	12	13	16.30	16.40	16.32		
5	256QAM	25	0	16.42	16.50	16.39		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.31	21.49	21.48	23	0
3	QPSK	1	8	21.44	21.36	21.35		
3	QPSK	1	14	21.43	21.39	21.26		
3	QPSK	8	0	20.57	20.70	20.48	22	1
3	QPSK	8	4	20.52	20.50	20.41		
3	QPSK	8	7	20.71	20.55	20.36		
3	QPSK	15	0	20.47	20.63	20.48		
3	16QAM	1	0	20.84	20.92	20.80	22	1
3	16QAM	1	8	20.76	20.81	21.01		
3	16QAM	1	14	21.00	20.77	20.95		
3	16QAM	8	0	19.75	19.66	19.41	21	2
3	16QAM	8	4	19.61	19.70	19.58		
3	16QAM	8	7	19.47	19.60	19.64		
3	16QAM	15	0	19.37	19.55	19.32		
3	64QAM	1	0	19.67	19.62	19.48	21	2
3	64QAM	1	8	19.52	19.50	19.41		
3	64QAM	1	14	19.46	19.43	19.45		
3	64QAM	8	0	18.77	18.47	18.46	20	3
3	64QAM	8	4	18.63	18.52	18.57		
3	64QAM	8	7	18.63	18.73	18.70		
3	64QAM	15	0	18.53	18.61	18.57		
3	256QAM	1	0	16.55	16.21	16.42	18	5
3	256QAM	1	8	16.47	16.39	16.48		
3	256QAM	1	14	16.32	16.32	16.59		
3	256QAM	8	0	16.61	16.53	16.34	18	5
3	256QAM	8	4	16.28	16.30	16.50		
3	256QAM	8	7	16.32	16.29	16.39		
3	256QAM	15	0	16.38	16.55	16.46		
Channel				26697	26865	27033	Tune-up	MPR

Frequency (MHz)				814.7	831.5	848.3	limit (dBm)	(dB)
1.4	QPSK	1	0	21.25	21.52	21.38	23	0
1.4	QPSK	1	3	21.53	21.52	21.39		
1.4	QPSK	1	5	21.49	21.31	21.38		
1.4	QPSK	3	0	20.49	20.63	20.41		
1.4	QPSK	3	1	20.41	20.54	20.40		
1.4	QPSK	3	3	20.57	20.65	20.54		
1.4	QPSK	6	0	20.52	20.57	20.57	22	1
1.4	16QAM	1	0	20.85	20.93	20.95	22	1
1.4	16QAM	1	3	20.78	20.79	20.84		
1.4	16QAM	1	5	20.98	20.84	21.03		
1.4	16QAM	3	0	19.62	19.72	19.41		
1.4	16QAM	3	1	19.46	19.53	19.64		
1.4	16QAM	3	3	19.68	19.53	19.53		
1.4	16QAM	6	0	19.30	19.49	19.48	21	2
1.4	64QAM	1	0	19.52	19.63	19.41	21	2
1.4	64QAM	1	3	19.65	19.63	19.61		
1.4	64QAM	1	5	19.52	19.48	19.41		
1.4	64QAM	3	0	18.63	18.47	18.64		
1.4	64QAM	3	1	18.63	18.61	18.51		
1.4	64QAM	3	3	18.61	18.77	18.63		
1.4	64QAM	6	0	18.43	18.66	18.65	20	3
1.4	256QAM	1	0	16.46	16.18	16.46	18	5
1.4	256QAM	1	3	16.48	16.47	16.49		
1.4	256QAM	1	5	16.42	16.37	16.59		
1.4	256QAM	3	0	16.54	16.31	16.47		
1.4	256QAM	3	1	16.44	16.40	16.35		
1.4	256QAM	3	3	16.40	16.49	16.41		
1.4	256QAM	6	0	16.38	16.36	16.48	18	5

Band 71 Ant 1 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				133222	133322	133372	23	0
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.72	21.87	21.73		
20	QPSK	1	49	21.62	21.77	21.68	22	1
20	QPSK	1	99	21.68	21.79	21.67		
20	QPSK	50	0	20.73	20.82	20.66		
20	QPSK	50	24	20.77	20.73	20.78		
20	QPSK	50	50	20.75	20.65	20.77		
20	QPSK	100	0	20.82	20.96	20.65		
20	16QAM	1	0	21.10	21.24	21.14	22	1
20	16QAM	1	49	21.03	21.14	21.17		
20	16QAM	1	99	21.15	21.15	21.45		
20	16QAM	50	0	19.96	19.77	19.87	21	2
20	16QAM	50	24	19.86	19.90	19.84		
20	16QAM	50	50	19.81	19.76	19.86		
20	16QAM	100	0	19.86	19.76	19.49		
20	64QAM	1	0	19.89	19.74	19.79	21	2
20	64QAM	1	49	19.85	19.88	19.76		
20	64QAM	1	99	19.88	19.98	19.75		
20	64QAM	50	0	18.81	18.90	18.86	20	3
20	64QAM	50	24	18.80	18.95	18.84		

20	64QAM	50	50	19.08	18.83	19.06		
20	64QAM	100	0	18.87	18.88	19.05		
20	256QAM	1	0	16.70	16.70	16.73		
20	256QAM	1	49	16.76	16.73	16.77	18	5
20	256QAM	1	99	16.68	16.71	16.88		
20	256QAM	50	0	16.84	16.66	16.89		
20	256QAM	50	24	16.71	16.63	16.70	18	5
20	256QAM	50	50	16.62	16.83	16.76		
20	256QAM	100	0	16.68	16.76	16.71		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.52	21.80	21.79	23	0
15	QPSK	1	37	21.68	21.86	21.71		
15	QPSK	1	74	21.68	21.60	21.69		
15	QPSK	36	0	20.87	21.12	20.72	22	1
15	QPSK	36	20	20.74	20.93	20.69		
15	QPSK	36	39	20.93	20.84	20.79		
15	QPSK	75	0	20.66	20.91	20.75	22	1
15	16QAM	1	0	21.22	21.03	21.01		
15	16QAM	1	37	21.06	21.18	21.08		
15	16QAM	1	74	21.01	21.19	21.48	21	2
15	16QAM	36	0	19.88	19.79	19.90		
15	16QAM	36	20	19.95	19.91	19.87		
15	16QAM	36	39	19.75	19.66	19.80	21	2
15	16QAM	75	0	19.82	19.68	19.65		
15	64QAM	1	0	19.81	19.76	19.70		
15	64QAM	1	37	19.94	19.77	19.75	21	2
15	64QAM	1	74	19.69	19.76	19.68		
15	64QAM	36	0	18.80	18.80	18.80		
15	64QAM	36	20	18.87	18.80	18.81	20	3
15	64QAM	36	39	19.02	18.86	18.96		
15	64QAM	75	0	18.91	18.89	18.94		
15	256QAM	1	0	16.86	16.67	16.83	18	5
15	256QAM	1	37	16.77	16.76	16.60		
15	256QAM	1	74	16.68	16.75	16.93		
15	256QAM	36	0	16.68	16.70	16.69	18	5
15	256QAM	36	20	16.78	16.69	16.80		
15	256QAM	36	39	16.71	16.91	16.65		
15	256QAM	75	0	16.67	16.67	16.83	Tune-up limit (dBm)	MPR (dB)
Channel				133172	133272	133422		
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.52	21.81	21.78	23	0
10	QPSK	1	25	21.70	21.66	21.79		
10	QPSK	1	49	21.74	21.64	21.64		
10	QPSK	25	0	20.91	20.93	20.83	22	1
10	QPSK	25	12	20.94	20.93	20.73		
10	QPSK	25	25	20.97	20.71	20.75		
10	QPSK	50	0	20.76	20.97	20.76	22	1
10	16QAM	1	0	21.23	21.06	21.10		
10	16QAM	1	25	20.93	21.23	21.07		
10	16QAM	1	49	21.14	21.00	21.35	21	2
10	16QAM	25	0	19.99	19.76	19.70		
10	16QAM	25	12	19.83	19.79	19.95		
10	16QAM	25	25	19.88	19.70	19.77	21	2
10	16QAM	50	0	19.85	19.72	19.62		

10	64QAM	1	0	19.82	19.78	19.70	21	2
10	64QAM	1	25	19.97	19.94	19.79		
10	64QAM	1	49	19.82	19.83	19.71		
10	64QAM	25	0	19.02	18.86	18.91	20	3
10	64QAM	25	12	18.73	18.80	18.89		
10	64QAM	25	25	18.95	18.98	19.00		
10	64QAM	50	0	18.80	18.89	18.87	18	5
10	256QAM	1	0	16.71	16.61	16.89		
10	256QAM	1	25	16.74	16.67	16.70		
10	256QAM	1	49	16.66	16.73	16.96	18	5
10	256QAM	25	0	16.76	16.77	16.79		
10	256QAM	25	12	16.62	16.71	16.77		
10	256QAM	25	25	16.79	16.73	16.77		
10	256QAM	50	0	16.63	16.74	16.91		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.72	21.77	21.84	23	0
5	QPSK	1	12	21.77	21.81	21.71		
5	QPSK	1	24	21.64	21.55	21.67		
5	QPSK	12	0	20.96	21.09	20.69	22	1
5	QPSK	12	7	20.88	20.75	20.63		
5	QPSK	12	13	21.07	20.82	20.94		
5	QPSK	25	0	20.68	20.78	20.76	22	1
5	16QAM	1	0	21.05	21.10	21.09		
5	16QAM	1	12	21.04	21.19	21.16		
5	16QAM	1	24	21.19	20.96	21.46	21	2
5	16QAM	12	0	19.98	19.82	19.69		
5	16QAM	12	7	19.84	19.99	19.96		
5	16QAM	12	13	19.71	19.72	19.66	21	2
5	16QAM	25	0	19.81	19.66	19.55		
5	64QAM	1	0	19.74	19.80	19.85		
5	64QAM	1	12	19.93	19.87	19.75	21	2
5	64QAM	1	24	19.87	19.75	19.82		
5	64QAM	12	0	18.81	18.95	18.72		
5	64QAM	12	7	18.77	18.98	18.79	20	3
5	64QAM	12	13	18.99	18.99	18.90		
5	64QAM	25	0	18.74	18.81	18.93		
5	256QAM	1	0	16.86	16.61	16.69	18	5
5	256QAM	1	12	16.84	16.65	16.65		
5	256QAM	1	24	16.82	16.69	16.88		
5	256QAM	12	0	16.84	16.72	16.83	18	5
5	256QAM	12	7	16.67	16.84	16.65		
5	256QAM	12	13	16.68	16.85	16.63		
5	256QAM	25	0	16.74	16.73	16.81		

Reduced Power Mode for DSI 4

Band 5 Ant 0 DSI4

BW [MHz]	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	22.74	22.84	22.79	24	0
10	QPSK	1	25	22.79	22.78	22.81		
10	QPSK	1	49	22.80	22.83	22.74		
10	QPSK	25	0	21.87	22.04	21.83	23	1

10	QPSK	25	12	21.93	21.85	21.85		
10	QPSK	25	25	22.02	21.89	21.90		
10	QPSK	50	0	21.85	21.96	21.90		
10	16QAM	1	0	22.22	22.21	22.23	23	1
10	16QAM	1	25	22.15	22.25	22.28		
10	16QAM	1	49	22.24	22.23	22.42		
10	16QAM	25	0	21.03	20.95	20.84	22	2
10	16QAM	25	12	20.91	20.92	20.98		
10	16QAM	25	25	20.94	20.88	20.90		
10	16QAM	50	0	20.84	20.90	20.75	22	2
10	64QAM	1	0	20.92	20.94	20.87		
10	64QAM	1	25	20.95	20.89	20.86		
10	64QAM	1	49	20.84	20.90	20.89	21	3
10	64QAM	25	0	20.08	19.97	19.88		
10	64QAM	25	12	19.94	19.92	19.98		
10	64QAM	25	25	20.10	20.05	19.99	19	5
10	64QAM	50	0	19.86	20.00	20.00		
10	256QAM	1	0	17.83	17.69	17.82		
10	256QAM	1	25	17.91	17.85	17.79	19	5
10	256QAM	1	49	17.77	17.79	17.91		
10	256QAM	25	0	17.91	17.74	17.87		
10	256QAM	25	12	17.81	17.80	17.75	19	5
10	256QAM	25	25	17.82	17.83	17.82		
10	256QAM	50	0	17.79	17.85	17.83		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.54	22.62	22.56	24	0
5	QPSK	1	12	22.54	22.65	22.65		
5	QPSK	1	24	22.56	22.66	22.56		
5	QPSK	12	0	21.71	21.88	21.69	23	1
5	QPSK	12	7	21.75	21.72	21.65		
5	QPSK	12	13	21.83	21.72	21.73		
5	QPSK	25	0	21.60	21.72	21.76	23	1
5	16QAM	1	0	22.08	22.05	21.98		
5	16QAM	1	12	21.98	22.02	22.13		
5	16QAM	1	24	22.03	22.04	22.21	22	2
5	16QAM	12	0	20.90	20.75	20.65		
5	16QAM	12	7	20.72	20.76	20.85		
5	16QAM	12	13	20.81	20.77	20.78	22	2
5	16QAM	25	0	20.68	20.77	20.60		
5	64QAM	1	0	20.78	20.83	20.63		
5	64QAM	1	12	20.70	20.70	20.73	21	3
5	64QAM	1	24	20.68	20.67	20.77		
5	64QAM	12	0	19.91	19.84	19.66		
5	64QAM	12	7	19.78	19.73	19.75	19	5
5	64QAM	12	13	19.89	19.92	19.78		
5	64QAM	25	0	19.68	19.77	19.76		
5	256QAM	1	0	17.62	17.47	17.59	19	5
5	256QAM	1	12	17.72	17.67	17.65		
5	256QAM	1	24	17.66	17.56	17.79		
5	256QAM	12	0	17.73	17.50	17.63	19	5
5	256QAM	12	7	17.71	17.65	17.64		
5	256QAM	12	13	17.61	17.62	17.65		
5	256QAM	25	0	17.66	17.62	17.62	Tune-up limit	MPR (dB)
Channel				20415	20525	20635		
Frequency (MHz)				825.5	836.5	847.5		

							(dBm)	
3	QPSK	1	0	22.60	22.67	22.59	24	0
3	QPSK	1	8	22.56	22.57	22.62		
3	QPSK	1	14	22.61	22.62	22.63		
3	QPSK	8	0	21.75	21.91	21.60	23	1
3	QPSK	8	4	21.82	21.71	21.73		
3	QPSK	8	7	21.86	21.69	21.74		
3	QPSK	15	0	21.61	21.72	21.76	23	1
3	16QAM	1	0	22.09	22.09	22.00		
3	16QAM	1	8	21.94	22.09	22.10		
3	16QAM	1	14	22.01	21.99	22.26	22	2
3	16QAM	8	0	20.81	20.80	20.61		
3	16QAM	8	4	20.71	20.73	20.87		
3	16QAM	8	7	20.83	20.74	20.74	22	2
3	16QAM	15	0	20.66	20.78	20.56		
3	64QAM	1	0	20.76	20.69	20.69		
3	64QAM	1	8	20.85	20.65	20.61	22	2
3	64QAM	1	14	20.62	20.73	20.72		
3	64QAM	8	0	19.97	19.84	19.64		
3	64QAM	8	4	19.69	19.79	19.77	21	3
3	64QAM	8	7	19.86	19.93	19.77		
3	64QAM	15	0	19.64	19.83	19.88		
3	256QAM	1	0	17.62	17.53	17.71	19	5
3	256QAM	1	8	17.81	17.71	17.56		
3	256QAM	1	14	17.58	17.66	17.77		
3	256QAM	8	0	17.67	17.49	17.62	19	5
3	256QAM	8	4	17.66	17.65	17.62		
3	256QAM	8	7	17.62	17.70	17.64		
3	256QAM	15	0	17.55	17.65	17.59		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.47	22.61	22.43	24	0
1.4	QPSK	1	3	22.56	22.52	22.40		
1.4	QPSK	1	5	22.60	22.44	22.47		
1.4	QPSK	3	0	22.44	22.64	22.45		
1.4	QPSK	3	1	22.46	22.60	22.50		
1.4	QPSK	3	3	22.44	22.51	22.45	23	1
1.4	QPSK	6	0	21.43	21.47	21.48		
1.4	16QAM	1	0	21.62	21.42	21.46		
1.4	16QAM	1	3	21.80	21.70	21.78		
1.4	16QAM	1	5	21.40	21.60	21.73		
1.4	16QAM	3	0	22.04	22.08	21.98	23	1
1.4	16QAM	3	1	21.96	21.91	22.00		
1.4	16QAM	3	3	21.84	22.05	22.15		
1.4	16QAM	6	0	20.57	20.58	20.69		
1.4	16QAM	6	0	20.57	20.58	20.69		
1.4	64QAM	1	0	20.69	20.51	20.77	22	2
1.4	64QAM	1	3	20.64	20.61	20.66		
1.4	64QAM	1	5	20.51	20.46	20.48		
1.4	64QAM	3	0	20.51	20.57	20.65		
1.4	64QAM	3	1	20.69	20.51	20.76		
1.4	64QAM	3	3	20.61	20.63	20.65	22	2
1.4	64QAM	3	3	20.61	20.63	20.65		
1.4	64QAM	6	0	20.36	20.51	20.51		
1.4	256QAM	1	0	17.64	17.53	17.52		
1.4	256QAM	1	3	17.58	17.53	17.44		
1.4	256QAM	1	5	17.55	17.53	17.47	19	5
1.4	256QAM	3	0	17.71	17.58	17.40		

1.4	256QAM	3	1	17.51	17.49	17.46		
1.4	256QAM	3	3	17.59	17.50	17.59		
1.4	256QAM	6	0	17.50	17.57	17.65		

Band 13 Ant 0 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23230				
Frequency (MHz)				782				
10	QPSK	1	0		22.78		24	0
10	QPSK	1	25		22.68			
10	QPSK	1	49		22.77			
10	QPSK	25	0		22.03		23	1
10	QPSK	25	12		21.81			
10	QPSK	25	25		21.87			
10	QPSK	50	0		21.94		23	1
10	16QAM	1	0		22.14			
10	16QAM	1	25		22.21			
10	16QAM	1	49		22.23		22	2
10	16QAM	25	0		20.82			
10	16QAM	25	12		20.81			
10	16QAM	25	25		20.85		22	2
10	16QAM	50	0		20.81			
10	64QAM	1	0		20.86			
10	64QAM	1	25		20.89		21	3
10	64QAM	1	49		20.89			
10	64QAM	25	0		19.94			
10	64QAM	25	12		19.85		19	5
10	64QAM	25	25		19.93			
10	64QAM	50	0		19.97			
10	256QAM	1	0		17.66		19	5
10	256QAM	1	25		17.80			
10	256QAM	1	49		17.69			
10	256QAM	25	0		17.67		19	5
10	256QAM	25	12		17.73			
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.80			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.60	22.67	22.60	24	0
5	QPSK	1	12	22.55	22.55	22.59		
5	QPSK	1	24	22.67	22.64	22.63		
5	QPSK	12	0	21.67	21.93	21.65	23	1
5	QPSK	12	7	21.83	21.66	21.72		
5	QPSK	12	13	21.82	21.77	21.73		
5	QPSK	25	0	21.73	21.81	21.70	23	1
5	16QAM	1	0	22.11	22.07	22.12		
5	16QAM	1	12	21.96	22.14	22.15		
5	16QAM	1	24	22.08	22.05	22.18	22	2
5	16QAM	12	0	20.82	20.85	20.65		
5	16QAM	12	7	20.72	20.76	20.78		
5	16QAM	12	13	20.82	20.67	20.71	22	2
5	16QAM	25	0	20.66	20.76	20.58		
5	64QAM	1	0	20.74	20.82	20.62		

5	64QAM	1	12	20.80	20.74	20.70		
5	64QAM	1	24	20.72	20.70	20.74		
5	64QAM	12	0	19.93	19.73	19.64		
5	64QAM	12	7	19.80	19.71	19.75		
5	64QAM	12	13	19.87	19.92	19.78		
5	64QAM	25	0	19.66	19.82	19.80	21	3
5	256QAM	1	0	17.58	17.56	17.72		
5	256QAM	1	12	17.78	17.67	17.68		
5	256QAM	1	24	17.63	17.69	17.78	19	5
5	256QAM	12	0	17.80	17.51	17.75		
5	256QAM	12	7	17.63	17.65	17.64		
5	256QAM	12	13	17.59	17.60	17.69		
5	256QAM	25	0	17.65	17.65	17.66		

Band 17 Ant 0 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.70	22.75	22.68		
10	QPSK	1	25	22.69	22.65	22.67	24	0
10	QPSK	1	49	22.73	22.73	22.61		
10	QPSK	25	0	21.76	21.94	21.69		
10	QPSK	25	12	21.90	21.83	21.83	23	1
10	QPSK	25	25	21.66	21.74	21.84		
10	QPSK	50	0	21.80	21.91	21.89		
10	16QAM	1	0	22.19	22.16	22.10	23	1
10	16QAM	1	25	22.00	22.20	22.15		
10	16QAM	1	49	22.18	22.11	22.33		
10	16QAM	25	0	20.91	20.92	20.71	22	2
10	16QAM	25	12	20.79	20.89	20.83		
10	16QAM	25	25	20.90	20.79	20.83		
10	16QAM	50	0	20.71	20.84	20.62	22	2
10	64QAM	1	0	20.89	20.83	20.80		
10	64QAM	1	25	20.84	20.82	20.77		
10	64QAM	1	49	20.80	20.80	20.81	21	3
10	64QAM	25	0	20.07	19.90	19.80		
10	64QAM	25	12	19.88	19.77	19.94		
10	64QAM	25	25	19.98	19.93	19.89	19	5
10	64QAM	50	0	19.83	19.97	19.95		
10	256QAM	1	0	17.76	17.54	17.74		
10	256QAM	1	25	17.78	17.83	17.72	19	5
10	256QAM	1	49	17.65	17.76	17.81		
10	256QAM	25	0	17.84	17.61	17.78		
10	256QAM	25	12	17.68	17.78	17.75	19	5
10	256QAM	25	25	17.71	17.79	17.68		
10	256QAM	50	0	17.77	17.83	17.78		
Channel				23755	23790	23825		
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.63	22.69	22.66		
5	QPSK	1	12	22.65	22.59	22.65	24	0
5	QPSK	1	24	22.67	22.59	22.63		
5	QPSK	12	0	21.73	21.85	21.65	23	1
5	QPSK	12	7	21.75	21.63	21.61		

5	QPSK	12	13	21.89	21.67	21.67		
5	QPSK	25	0	21.61	21.84	21.79		
5	16QAM	1	0	21.97	22.02	22.12		
5	16QAM	1	12	21.96	22.07	22.17	23	1
5	16QAM	1	24	22.09	22.02	22.32	22	2
5	16QAM	12	0	20.79	20.77	20.63		
5	16QAM	12	7	20.75	20.73	20.82		
5	16QAM	12	13	20.70	20.65	20.72		
5	16QAM	25	0	20.60	20.66	20.57		
5	64QAM	1	0	20.74	20.75	20.64	22	2
5	64QAM	1	12	20.71	20.70	20.64		
5	64QAM	1	24	20.66	20.66	20.76		
5	64QAM	12	0	19.89	19.85	19.77	21	3
5	64QAM	12	7	19.77	19.75	19.88		
5	64QAM	12	13	19.91	19.81	19.83		
5	64QAM	25	0	19.69	19.84	19.80		
5	256QAM	1	0	17.73	17.51	17.71	19	5
5	256QAM	1	12	17.74	17.63	17.65		
5	256QAM	1	24	17.55	17.60	17.75		
5	256QAM	12	0	17.69	17.61	17.63	19	5
5	256QAM	12	7	17.68	17.63	17.54		
5	256QAM	12	13	17.62	17.70	17.63		
5	256QAM	25	0	17.64	17.65	17.71		

Band 26 for FCC Ant 0 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.84	23.04	22.89	24	0
15	QPSK	1	37	22.97	22.91	22.96		
15	QPSK	1	74	22.99	22.93	22.84		
15	QPSK	36	0	22.06	22.24	21.89	23	1
15	QPSK	36	20	22.00	22.05	21.94		
15	QPSK	36	39	22.20	22.09	21.97		
15	QPSK	75	0	22.04	22.14	21.99		
15	16QAM	1	0	22.40	22.34	22.41	23	1
15	16QAM	1	37	22.33	22.36	22.45		
15	16QAM	1	74	22.43	22.36	22.48		
15	16QAM	36	0	21.23	21.14	20.95	22	2
15	16QAM	36	20	21.04	21.09	21.12		
15	16QAM	36	39	21.09	21.05	21.07		
15	16QAM	75	0	20.91	21.04	20.87		
15	64QAM	1	0	21.09	21.11	20.93	22	2
15	64QAM	1	37	21.11	21.05	21.01		
15	64QAM	1	74	20.99	20.98	21.04		
15	64QAM	36	0	20.22	20.06	20.06	21	3
15	64QAM	36	20	20.06	20.06	20.11		
15	64QAM	36	39	20.18	20.18	20.14		
15	64QAM	75	0	19.95	20.11	20.09		
15	256QAM	1	0	17.94	17.76	17.98	19	5
15	256QAM	1	37	18.02	17.99	17.96		
15	256QAM	1	74	17.82	17.84	18.08		
15	256QAM	36	0	18.11	17.93	17.94	19	5
15	256QAM	36	20	17.91	17.86	17.94		

15	256QAM	36	39	17.92	17.89	17.90		
15	256QAM	75	0	17.93	17.97	17.96		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.68	22.74	22.73	24	0
10	QPSK	1	25	22.69	22.68	22.71		
10	QPSK	1	49	22.80	22.82	22.62		
10	QPSK	25	0	21.84	21.93	21.70	23	1
10	QPSK	25	12	21.90	21.85	21.81		
10	QPSK	25	25	21.93	21.85	21.81		
10	QPSK	50	0	21.80	21.82	21.77		
10	16QAM	1	0	22.12	22.06	22.23	23	1
10	16QAM	1	25	22.09	22.23	22.18		
10	16QAM	1	49	22.11	22.15	22.36		
10	16QAM	25	0	20.93	20.80	20.73	22	2
10	16QAM	25	12	20.91	20.77	20.85		
10	16QAM	25	25	20.85	20.81	20.81		
10	16QAM	50	0	20.80	20.75	20.67		
10	64QAM	1	0	20.86	20.88	20.78	22	2
10	64QAM	1	25	20.94	20.89	20.82		
10	64QAM	1	49	20.73	20.84	20.75		
10	64QAM	25	0	20.00	19.96	19.83	21	3
10	64QAM	25	12	19.93	19.88	19.90		
10	64QAM	25	25	19.97	19.93	19.91		
10	64QAM	50	0	19.77	19.93	19.93		
10	256QAM	1	0	17.78	17.66	17.68	19	5
10	256QAM	1	25	17.80	17.78	17.73		
10	256QAM	1	49	17.71	17.72	17.88		
10	256QAM	25	0	17.83	17.70	17.84	19	5
10	256QAM	25	12	17.72	17.76	17.66		
10	256QAM	25	25	17.77	17.73	17.70		
10	256QAM	50	0	17.64	17.74	17.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.63	22.80	22.65	24	0
5	QPSK	1	12	22.70	22.69	22.78		
5	QPSK	1	24	22.76	22.73	22.64		
5	QPSK	12	0	21.74	21.96	21.78	23	1
5	QPSK	12	7	21.90	21.78	21.78		
5	QPSK	12	13	22.00	21.85	21.84		
5	QPSK	25	0	21.78	21.84	21.90		
5	16QAM	1	0	22.20	22.21	22.12	23	1
5	16QAM	1	12	22.08	22.21	22.14		
5	16QAM	1	24	22.18	22.22	22.35		
5	16QAM	12	0	21.02	20.81	20.71	22	2
5	16QAM	12	7	20.79	20.82	20.95		
5	16QAM	12	13	20.85	20.79	20.89		
5	16QAM	25	0	20.83	20.76	20.61		
5	64QAM	1	0	20.81	20.90	20.79	22	2
5	64QAM	1	12	20.81	20.88	20.79		
5	64QAM	1	24	20.78	20.83	20.83		
5	64QAM	12	0	20.05	19.95	19.80	21	3
5	64QAM	12	7	19.86	19.86	19.91		
5	64QAM	12	13	19.99	19.91	19.91		
5	64QAM	25	0	19.83	19.95	19.99		

5	256QAM	1	0	17.80	17.66	17.76	19	5
5	256QAM	1	12	17.90	17.85	17.75		
5	256QAM	1	24	17.66	17.67	17.83		
5	256QAM	12	0	17.85	17.71	17.78	19	5
5	256QAM	12	7	17.68	17.67	17.65		
5	256QAM	12	13	17.71	17.75	17.68		
5	256QAM	25	0	17.65	17.84	17.70	Tune-up limit (dBm)	MPR (dB)
Channel				26705	26865	27025		
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.61	22.82	22.70	24	0
3	QPSK	1	8	22.68	22.67	22.75		
3	QPSK	1	14	22.77	22.68	22.69		
3	QPSK	8	0	21.79	22.03	21.74	23	1
3	QPSK	8	4	21.89	21.80	21.82		
3	QPSK	8	7	21.90	21.86	21.79		
3	QPSK	15	0	21.79	21.87	21.86	23	1
3	16QAM	1	0	22.22	22.10	22.08		
3	16QAM	1	8	22.07	22.22	22.21		
3	16QAM	1	14	22.10	22.15	22.40	22	2
3	16QAM	8	0	21.01	20.87	20.79		
3	16QAM	8	4	20.80	20.80	20.91		
3	16QAM	8	7	20.79	20.77	20.81	22	2
3	16QAM	15	0	20.83	20.80	20.60		
3	64QAM	1	0	20.81	20.88	20.77		
3	64QAM	1	8	20.93	20.75	20.84	22	2
3	64QAM	1	14	20.80	20.79	20.77		
3	64QAM	8	0	19.96	19.93	19.83		
3	64QAM	8	4	19.82	19.81	19.90	21	3
3	64QAM	8	7	19.98	19.97	19.93		
3	64QAM	15	0	19.72	19.98	19.95		
3	256QAM	1	0	17.74	17.67	17.76	19	5
3	256QAM	1	8	17.79	17.77	17.65		
3	256QAM	1	14	17.63	17.73	17.82		
3	256QAM	8	0	17.90	17.72	17.83	19	5
3	256QAM	8	4	17.69	17.65	17.74		
3	256QAM	8	7	17.81	17.73	17.74		
3	256QAM	15	0	17.72	17.76	17.70	Tune-up limit (dBm)	MPR (dB)
Channel				26697	26865	27033		
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.71	22.76	22.67	24	0
1.4	QPSK	1	3	22.81	22.71	22.61		
1.4	QPSK	1	5	22.84	22.67	22.69		
1.4	QPSK	3	0	22.60	22.83	22.61	23	1
1.4	QPSK	3	1	22.65	22.75	22.68		
1.4	QPSK	3	3	22.63	22.66	22.69		
1.4	QPSK	6	0	21.61	21.64	21.69	23	1
1.4	16QAM	1	0	21.84	21.66	21.69	23	1
1.4	16QAM	1	3	22.02	21.92	21.97		
1.4	16QAM	1	5	21.63	21.75	21.89		
1.4	16QAM	3	0	22.28	22.29	22.20	22	2
1.4	16QAM	3	1	22.20	22.07	22.19		
1.4	16QAM	3	3	22.06	22.28	22.37		
1.4	16QAM	6	0	20.75	20.78	20.87	22	2
1.4	64QAM	1	0	20.87	20.75	20.93		
1.4	64QAM	1	3	20.81	20.80	20.83	22	2

1.4	64QAM	1	5	20.69	20.63	20.63		
1.4	64QAM	3	0	20.75	20.78	20.87		
1.4	64QAM	3	1	20.87	20.75	20.93		
1.4	64QAM	3	3	20.81	20.80	20.83		
1.4	64QAM	6	0	20.57	20.71	20.66	21	3
1.4	256QAM	1	0	17.86	17.76	17.70	19	5
1.4	256QAM	1	3	17.77	17.72	17.64		
1.4	256QAM	1	5	17.74	17.77	17.67		
1.4	256QAM	3	0	17.93	17.74	17.63		
1.4	256QAM	3	1	17.72	17.65	17.63		
1.4	256QAM	3	3	17.77	17.75	17.78		
1.4	256QAM	6	0	17.69	17.80	17.89	19	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				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.82	22.98	22.96	24	0
20	QPSK	1	49	22.90	22.97	22.96		
20	QPSK	1	99	22.91	22.89	22.90		
20	QPSK	50	0	22.07	22.22	21.94	23	1
20	QPSK	50	24	22.05	22.04	21.96		
20	QPSK	50	50	22.21	21.98	22.08		
20	QPSK	100	0	21.92	22.07	21.97	23	1
20	16QAM	1	0	22.38	22.36	22.34		
20	16QAM	1	49	22.21	22.43	22.35		
20	16QAM	1	99	22.31	22.29	22.60	22	2
20	16QAM	50	0	21.10	21.05	21.01		
20	16QAM	50	24	21.06	21.10	21.06		
20	16QAM	50	50	21.04	20.99	20.97	22	2
20	16QAM	100	0	21.00	20.95	20.81		
20	64QAM	1	0	21.01	21.06	20.95	22	2
20	64QAM	1	49	21.08	21.06	21.05		
20	64QAM	1	99	21.01	21.08	20.97		
20	64QAM	50	0	20.13	20.12	20.06	21	3
20	64QAM	50	24	20.02	20.09	20.09		
20	64QAM	50	50	20.25	20.12	20.17		
20	64QAM	100	0	20.05	20.11	20.18	19	5
20	256QAM	1	0	18.02	17.86	18.00		
20	256QAM	1	49	18.01	17.91	17.89		
20	256QAM	1	99	17.96	17.92	18.08	19	5
20	256QAM	50	0	17.96	17.91	18.00		
20	256QAM	50	24	17.89	17.96	17.92		
20	256QAM	50	50	17.96	18.02	17.96	19	5
20	256QAM	50	50	17.96	18.02	17.96		
20	256QAM	100	0	17.92	17.97	18.01		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.73	22.69	22.75	24	0
15	QPSK	1	37	22.65	22.66	22.79		
15	QPSK	1	74	22.75	22.72	22.68		
15	QPSK	36	0	21.86	21.99	21.71	23	1
15	QPSK	36	20	21.88	21.84	21.72		
15	QPSK	36	39	21.92	21.84	21.85		

15	QPSK	75	0	21.81	21.83	21.86		
15	16QAM	1	0	22.16	22.12	22.19	23	1
15	16QAM	1	37	22.08	22.15	22.15		
15	16QAM	1	74	22.13	22.08	22.32		
15	16QAM	36	0	20.96	20.85	20.79	22	2
15	16QAM	36	20	20.77	20.78	20.84		
15	16QAM	36	39	20.92	20.86	20.77		
15	16QAM	75	0	20.75	20.76	20.62	22	2
15	64QAM	1	0	20.82	20.80	20.86		
15	64QAM	1	37	20.92	20.88	20.75		
15	64QAM	1	74	20.78	20.84	20.86	21	3
15	64QAM	36	0	20.04	19.87	19.78		
15	64QAM	36	20	19.79	19.78	19.91		
15	64QAM	36	39	19.97	19.91	19.89	19	5
15	64QAM	75	0	19.74	19.90	20.00		
15	256QAM	1	0	17.75	17.68	17.74		
15	256QAM	1	37	17.82	17.79	17.69	19	5
15	256QAM	1	74	17.68	17.73	17.77		
15	256QAM	36	0	17.85	17.65	17.76		
15	256QAM	36	20	17.80	17.73	17.62	19	5
15	256QAM	36	39	17.68	17.70	17.72		
15	256QAM	75	0	17.70	17.78	17.82		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.74	22.77	22.73	24	0
10	QPSK	1	25	22.69	22.71	22.77		
10	QPSK	1	49	22.69	22.73	22.64		
10	QPSK	25	0	21.79	21.94	21.75	23	1
10	QPSK	25	12	21.79	21.77	21.72		
10	QPSK	25	25	22.02	21.78	21.86		
10	QPSK	50	0	21.84	21.92	21.84	23	1
10	16QAM	1	0	22.08	22.13	22.17		
10	16QAM	1	25	22.10	22.20	22.26		
10	16QAM	1	49	22.23	22.23	22.40	22	2
10	16QAM	25	0	20.99	20.89	20.69		
10	16QAM	25	12	20.78	20.86	20.95		
10	16QAM	25	25	20.85	20.79	20.79	22	2
10	16QAM	50	0	20.79	20.78	20.72		
10	64QAM	1	0	20.85	20.83	20.87		
10	64QAM	1	25	20.85	20.75	20.75	21	3
10	64QAM	1	49	20.77	20.86	20.83		
10	64QAM	25	0	20.03	19.86	19.81		
10	64QAM	25	12	19.89	19.86	19.97	19	5
10	64QAM	25	25	20.04	19.93	19.93		
10	64QAM	50	0	19.86	19.98	19.99		
10	256QAM	1	0	17.80	17.67	17.73	19	5
10	256QAM	1	25	17.86	17.82	17.65		
10	256QAM	1	49	17.65	17.77	17.89		
10	256QAM	25	0	17.85	17.73	17.72	19	5
10	256QAM	25	12	17.71	17.77	17.69		
10	256QAM	25	25	17.81	17.83	17.70		
10	256QAM	50	0	17.68	17.83	17.71	Tune-up limit (dBm)	MPR (dB)
Channel				133147	133247	133447		
Frequency (MHz)				665.5	675.5	695.5	24	0
5	QPSK	1	0	22.70	22.78	22.75		

5	QPSK	1	12	22.71	22.74	22.73		
5	QPSK	1	24	22.69	22.73	22.62		
5	QPSK	12	0	21.82	22.01	21.78		
5	QPSK	12	7	21.85	21.82	21.79		
5	QPSK	12	13	22.01	21.84	21.89		
5	QPSK	25	0	21.75	21.82	21.87	23	1
5	16QAM	1	0	22.20	22.15	22.14		
5	16QAM	1	12	22.04	22.20	22.19		
5	16QAM	1	24	22.21	22.16	22.41	23	1
5	16QAM	12	0	21.02	20.80	20.80		
5	16QAM	12	7	20.89	20.90	20.86		
5	16QAM	12	13	20.88	20.73	20.79	22	2
5	16QAM	25	0	20.77	20.77	20.67		
5	64QAM	1	0	20.85	20.93	20.85		
5	64QAM	1	12	20.91	20.75	20.72	22	2
5	64QAM	1	24	20.78	20.89	20.75		
5	64QAM	12	0	20.02	19.88	19.86		
5	64QAM	12	7	19.83	19.84	19.88	21	3
5	64QAM	12	13	20.03	20.02	19.95		
5	64QAM	25	0	19.73	19.89	19.87		
5	256QAM	1	0	17.70	17.64	17.79	19	5
5	256QAM	1	12	17.82	17.72	17.70		
5	256QAM	1	24	17.77	17.78	17.81		
5	256QAM	12	0	17.82	17.72	17.80	19	5
5	256QAM	12	7	17.69	17.67	17.69		
5	256QAM	12	13	17.71	17.82	17.71		
5	256QAM	25	0	17.78	17.82	17.76		

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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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.42	19.49	19.39	20.3	0
20	QPSK	1	49	19.39	19.38	19.41		
20	QPSK	1	99	19.40	19.43	19.34		
20	QPSK	50	0	18.92	19.27	18.94	20.3	0
20	QPSK	50	24	18.99	18.97	18.98		
20	QPSK	50	50	19.15	19.01	19.04		
20	QPSK	100	0	18.93	19.08	19.02		
20	16QAM	1	0	19.12	19.11	19.13	20.3	0
20	16QAM	1	49	19.05	19.15	19.18		
20	16QAM	1	99	19.14	19.13	19.32		
20	16QAM	50	0	19.43	19.35	19.24	20.3	0
20	16QAM	50	24	19.31	19.32	19.38		
20	16QAM	50	50	19.34	19.28	19.30		
20	16QAM	100	0	19.24	19.30	19.15		
20	64QAM	1	0	19.32	19.34	19.27	20.3	0
20	64QAM	1	49	19.35	19.29	19.26		
20	64QAM	1	99	19.24	19.30	19.29		
20	64QAM	50	0	18.98	18.87	18.78	20.3	0
20	64QAM	50	24	18.84	18.82	18.88		
20	64QAM	50	50	19.00	18.95	18.89		
20	64QAM	100	0	18.76	18.90	18.90		
20	256QAM	1	0	17.83	17.69	17.82	19	1.3

20	256QAM	1	49	17.91	17.85	17.79		
20	256QAM	1	99	17.77	17.79	17.91		
20	256QAM	50	0	17.91	17.74	17.87		
20	256QAM	50	24	17.81	17.80	17.75		
20	256QAM	50	50	17.82	17.83	17.82		
20	256QAM	100	0	17.79	17.85	17.83	19	1.3
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.24	19.28	19.21	20.3	0
15	QPSK	1	37	19.15	19.16	19.19		
15	QPSK	1	74	19.22	19.28	19.16		
15	QPSK	36	0	18.76	19.11	18.77	20.3	0
15	QPSK	36	20	18.80	18.80	18.78		
15	QPSK	36	39	18.97	18.80	18.84		
15	QPSK	75	0	18.74	18.90	18.81		
15	16QAM	1	0	18.92	18.87	18.90	20.3	0
15	16QAM	1	37	18.86	18.95	19.00		
15	16QAM	1	74	18.96	18.96	19.09		
15	16QAM	36	0	19.20	19.17	19.08	20.3	0
15	16QAM	36	20	19.12	19.11	19.16		
15	16QAM	36	39	19.19	19.08	19.08		
15	16QAM	75	0	19.06	19.14	18.98		
15	64QAM	1	0	19.11	19.14	19.04	20.3	0
15	64QAM	1	37	19.14	19.05	19.05		
15	64QAM	1	74	19.07	19.10	19.13		
15	64QAM	36	0	18.75	18.69	18.54	20.3	0
15	64QAM	36	20	18.61	18.58	18.71		
15	64QAM	36	39	18.78	18.72	18.65		
15	64QAM	75	0	18.51	18.75	18.72		
15	256QAM	1	0	17.76	17.63	17.71	19	1.3
15	256QAM	1	37	17.78	17.75	17.66		
15	256QAM	1	74	17.63	17.65	17.82		
15	256QAM	36	0	17.80	17.62	17.82	19	1.3
15	256QAM	36	20	17.71	17.70	17.67		
15	256QAM	36	39	17.73	17.69	17.74		
15	256QAM	75	0	17.72	17.76	17.71		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.22	19.27	19.16	20.3	0
10	QPSK	1	25	19.15	19.21	19.26		
10	QPSK	1	49	19.23	19.27	19.16		
10	QPSK	25	0	18.73	19.04	18.70	20.3	0
10	QPSK	25	12	18.78	18.81	18.79		
10	QPSK	25	25	19.00	18.84	18.83		
10	QPSK	50	0	18.69	18.92	18.81		
10	16QAM	1	0	18.94	18.92	18.89	20.3	0
10	16QAM	1	25	18.83	18.96	18.99		
10	16QAM	1	49	18.98	18.88	19.09		
10	16QAM	25	0	19.24	19.18	19.02	20.3	0
10	16QAM	25	12	19.14	19.15	19.20		
10	16QAM	25	25	19.16	19.08	19.09		
10	16QAM	50	0	19.07	19.05	18.98		
10	64QAM	1	0	19.08	19.13	19.07	20.3	0
10	64QAM	1	25	19.14	19.09	19.10		
10	64QAM	1	49	19.01	19.07	19.11		

10	64QAM	25	0	18.79	18.65	18.61	20.3	0
10	64QAM	25	12	18.60	18.64	18.66		
10	64QAM	25	25	18.84	18.71	18.67		
10	64QAM	50	0	18.57	18.73	18.74		
10	256QAM	1	0	17.78	17.57	17.74	19	1.3
10	256QAM	1	25	17.79	17.74	17.66		
10	256QAM	1	49	17.66	17.69	17.83		
10	256QAM	25	0	17.80	17.66	17.76	19	1.3
10	256QAM	25	12	17.75	17.70	17.68		
10	256QAM	25	25	17.70	17.74	17.71		
10	256QAM	50	0	17.67	17.71	17.76		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.27	19.25	19.23	20.3	0
5	QPSK	1	12	19.15	19.19	19.22		
5	QPSK	1	24	19.24	19.20	19.16		
5	QPSK	12	0	18.74	19.03	18.71	20.3	0
5	QPSK	12	7	18.77	18.79	18.76		
5	QPSK	12	13	18.97	18.77	18.86		
5	QPSK	25	0	18.77	18.90	18.81	20.3	0
5	16QAM	1	0	18.94	18.93	18.88		
5	16QAM	1	12	18.89	18.93	18.95		
5	16QAM	1	24	18.91	18.91	19.13	20.3	0
5	16QAM	12	0	19.26	19.13	19.07		
5	16QAM	12	7	19.12	19.10	19.15		
5	16QAM	12	13	19.14	19.12	19.11	20.3	0
5	16QAM	25	0	19.03	19.11	18.91		
5	64QAM	1	0	19.09	19.15	19.03	20.3	0
5	64QAM	1	12	19.16	19.05	19.10		
5	64QAM	1	24	19.04	19.10	19.07		
5	64QAM	12	0	18.83	18.67	18.61	20.3	0
5	64QAM	12	7	18.61	18.59	18.68		
5	64QAM	12	13	18.84	18.72	18.67		
5	64QAM	25	0	18.52	18.74	18.70	19	1.3
5	256QAM	1	0	17.78	17.64	17.75		
5	256QAM	1	12	17.78	17.75	17.69		
5	256QAM	1	24	17.68	17.73	17.84	19	1.3
5	256QAM	12	0	17.78	17.68	17.81		
5	256QAM	12	7	17.73	17.72	17.65		
5	256QAM	12	13	17.71	17.75	17.73	19	1.3
5	256QAM	25	0	17.69	17.79	17.77		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.19	19.28	19.17	20.3	0
3	QPSK	1	8	19.16	19.14	19.17		
3	QPSK	1	14	19.18	19.22	19.12		
3	QPSK	8	0	18.70	19.03	18.79	20.3	0
3	QPSK	8	4	18.78	18.79	18.80		
3	QPSK	8	7	18.92	18.85	18.80		
3	QPSK	15	0	18.71	18.89	18.81	20.3	0
3	16QAM	1	0	18.90	18.90	18.93		
3	16QAM	1	8	18.83	18.96	19.01		
3	16QAM	1	14	18.90	18.98	19.15	20.3	0
3	16QAM	8	0	19.21	19.15	19.02		
3	16QAM	8	4	19.16	19.11	19.22	20.3	0

3	16QAM	8	7	19.14	19.11	19.10		
3	16QAM	15	0	19.03	19.14	18.94		
3	64QAM	1	0	19.15	19.17	19.02		
3	64QAM	1	8	19.16	19.13	19.06	20.3	0
3	64QAM	1	14	19.01	19.10	19.12		
3	64QAM	8	0	18.77	18.68	18.60		
3	64QAM	8	4	18.60	18.59	18.67	20.3	0
3	64QAM	8	7	18.84	18.71	18.65		
3	64QAM	15	0	18.57	18.71	18.70		
3	256QAM	1	0	17.74	17.55	17.72	19	1.3
3	256QAM	1	8	17.83	17.76	17.65		
3	256QAM	1	14	17.71	17.65	17.85		
3	256QAM	8	0	17.84	17.62	17.76	19	1.3
3	256QAM	8	4	17.72	17.71	17.67		
3	256QAM	8	7	17.77	17.68	17.73		
3	256QAM	15	0	17.66	17.76	17.73	Tune-up limit (dBm)	MPR (dB)
Channel				18607	18900	19193		
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.22	19.30	19.20	20.3	0
1.4	QPSK	1	3	19.21	19.16	19.23		
1.4	QPSK	1	5	19.16	19.27	19.15		
1.4	QPSK	3	0	18.75	19.05	18.73		
1.4	QPSK	3	1	18.79	18.73	18.81		
1.4	QPSK	3	3	18.98	18.78	18.83		
1.4	QPSK	6	0	18.69	18.92	18.84	20.3	0
1.4	16QAM	1	0	18.89	18.95	18.96	20.3	0
1.4	16QAM	1	3	18.82	18.92	18.99		
1.4	16QAM	1	5	18.90	18.93	19.11		
1.4	16QAM	3	0	19.26	19.10	19.03		
1.4	16QAM	3	1	19.15	19.09	19.21		
1.4	16QAM	3	3	19.16	19.09	19.14		
1.4	16QAM	6	0	19.08	19.10	18.98	20.3	0
1.4	64QAM	1	0	19.10	19.12	19.03	20.3	0
1.4	64QAM	1	3	19.14	19.09	19.09		
1.4	64QAM	1	5	19.07	19.13	19.07		
1.4	64QAM	3	0	18.74	18.66	18.58		
1.4	64QAM	3	1	18.67	18.61	18.67		
1.4	64QAM	3	3	18.84	18.75	18.68		
1.4	64QAM	6	0	18.57	18.71	18.74	20.3	0
1.4	256QAM	1	0	17.83	17.69	17.65	19	1.3
1.4	256QAM	1	3	17.79	17.61	17.70		
1.4	256QAM	1	5	17.74	17.73	17.73		
1.4	256QAM	3	0	17.81	17.65	17.65		
1.4	256QAM	3	1	17.59	17.58	17.54		
1.4	256QAM	3	3	17.72	17.67	17.72		
1.4	256QAM	6	0	17.78	17.78	17.81	19	1.3

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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				20050	20175	20300	21.3	0
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.06	20.24	20.07		
20	QPSK	1	49	20.16	20.11	20.12		

20	QPSK	1	99	20.08	20.08	19.95		
20	QPSK	50	0	19.78	19.90	19.69	21.3	0
20	QPSK	50	24	19.72	19.63	19.69		
20	QPSK	50	50	19.76	19.69	19.74		
20	QPSK	100	0	19.62	19.80	19.71		
20	16QAM	1	0	20.04	19.94	19.97	21.3	0
20	16QAM	1	49	19.93	20.07	20.01		
20	16QAM	1	99	19.63	19.66	19.86		
20	16QAM	50	0	19.90	19.88	19.75	20.6	0.7
20	16QAM	50	24	19.80	19.83	19.92		
20	16QAM	50	50	19.85	19.76	19.76		
20	16QAM	100	0	19.76	19.77	19.59		
20	64QAM	1	0	19.76	19.84	19.73	20.6	0.7
20	64QAM	1	49	19.85	19.84	19.76		
20	64QAM	1	99	19.74	19.85	19.79		
20	64QAM	50	0	19.74	19.70	19.59	21	0.3
20	64QAM	50	24	19.68	19.55	19.71		
20	64QAM	50	50	19.77	19.83	19.65		
20	64QAM	100	0	19.59	19.71	19.68		
20	256QAM	1	0	17.54	17.40	17.47	19	2.3
20	256QAM	1	49	17.60	17.59	17.49		
20	256QAM	1	99	17.51	17.47	17.63		
20	256QAM	50	0	17.60	17.41	17.60	19	2.3
20	256QAM	50	24	17.49	17.47	17.51		
20	256QAM	50	50	17.53	17.52	17.53		
20	256QAM	100	0	17.48	17.58	17.54		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.89	20.20	19.99	21.3	0
15	QPSK	1	37	19.99	19.97	19.94		
15	QPSK	1	74	19.98	20.04	19.95		
15	QPSK	36	0	19.72	19.77	19.61	21.3	0
15	QPSK	36	20	19.57	19.49	19.57		
15	QPSK	36	39	19.65	19.63	19.59		
15	QPSK	75	0	19.57	19.70	19.62		
15	16QAM	1	0	19.94	19.90	19.92	21.3	0
15	16QAM	1	37	19.88	19.95	19.95		
15	16QAM	1	74	19.50	19.56	19.70		
15	16QAM	36	0	19.88	19.69	19.63	20.6	0.7
15	16QAM	36	20	19.69	19.69	19.80		
15	16QAM	36	39	19.76	19.65	19.66		
15	16QAM	75	0	19.66	19.74	19.55		
15	64QAM	1	0	19.69	19.71	19.65	20.6	0.7
15	64QAM	1	37	19.81	19.74	19.59		
15	64QAM	1	74	19.71	19.74	19.65		
15	64QAM	36	0	19.64	19.63	19.41		
15	64QAM	36	20	19.54	19.46	19.60	21	0.3
15	64QAM	36	39	19.73	19.65	19.54		
15	64QAM	75	0	19.52	19.63	19.57		
15	256QAM	1	0	17.41	17.29	17.41		
15	256QAM	1	37	17.48	17.45	17.41	19	2.3
15	256QAM	1	74	17.37	17.30	17.55		
15	256QAM	36	0	17.52	17.26	17.42		
15	256QAM	36	20	17.35	17.37	17.32	19	2.3
15	256QAM	36	39	17.48	17.45	17.47		
15	256QAM	75	0	17.38	17.45	17.39		

Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.96	20.14	19.97	21.3	0
10	QPSK	1	25	20.02	19.95	20.02		
10	QPSK	1	49	19.97	20.04	19.90		
10	QPSK	25	0	19.69	19.83	19.58	21.3	0
10	QPSK	25	12	19.63	19.54	19.54		
10	QPSK	25	25	19.68	19.64	19.56		
10	QPSK	50	0	19.52	19.65	19.54	21.3	0
10	16QAM	1	0	19.95	19.83	19.92		
10	16QAM	1	25	19.82	19.99	19.95		
10	16QAM	1	49	19.49	19.54	19.75	20.6	0.7
10	16QAM	25	0	19.86	19.77	19.62		
10	16QAM	25	12	19.72	19.64	19.75		
10	16QAM	25	25	19.74	19.59	19.68	20.6	0.7
10	16QAM	50	0	19.72	19.71	19.47		
10	64QAM	1	0	19.69	19.76	19.64		
10	64QAM	1	25	19.76	19.71	19.67	20.6	0.7
10	64QAM	1	49	19.65	19.73	19.67		
10	64QAM	25	0	19.67	19.63	19.44		
10	64QAM	25	12	19.54	19.48	19.61	21	0.3
10	64QAM	25	25	19.75	19.69	19.59		
10	64QAM	50	0	19.47	19.65	19.56		
10	256QAM	1	0	17.41	17.32	17.39	19	2.3
10	256QAM	1	25	17.49	17.48	17.44		
10	256QAM	1	49	17.38	17.39	17.52		
10	256QAM	25	0	17.57	17.35	17.45	19	2.3
10	256QAM	25	12	17.42	17.38	17.39		
10	256QAM	25	25	17.45	17.36	17.50		
10	256QAM	50	0	17.35	17.41	17.43	19	2.3
Channel				19975	20175	20375		
Frequency (MHz)				1712.5	1732.5	1752.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	19.95	20.16	19.98		
5	QPSK	1	12	19.99	19.97	19.96	21.3	0
5	QPSK	1	24	19.95	20.05	19.88		
5	QPSK	12	0	19.75	19.83	19.64	21.3	0
5	QPSK	12	7	19.58	19.49	19.59		
5	QPSK	12	13	19.72	19.61	19.57		
5	QPSK	25	0	19.55	19.63	19.62	21.3	0
5	16QAM	1	0	19.95	19.89	19.86		
5	16QAM	1	12	19.80	19.93	19.90		
5	16QAM	1	24	19.55	19.57	19.75	20.6	0.7
5	16QAM	12	0	19.83	19.77	19.62		
5	16QAM	12	7	19.76	19.72	19.81		
5	16QAM	12	13	19.75	19.59	19.60	20.6	0.7
5	16QAM	25	0	19.71	19.74	19.47		
5	64QAM	1	0	19.71	19.69	19.72		
5	64QAM	1	12	19.77	19.69	19.67	20.6	0.7
5	64QAM	1	24	19.71	19.74	19.66		
5	64QAM	12	0	19.62	19.58	19.49		
5	64QAM	12	7	19.54	19.50	19.52	21	0.3
5	64QAM	12	13	19.71	19.72	19.57		
5	64QAM	25	0	19.53	19.69	19.55		
5	256QAM	1	0	17.37	17.27	17.44	19	2.3
5	256QAM	1	12	17.56	17.46	17.44		

5	256QAM	1	24	17.42	17.31	17.56		
5	256QAM	12	0	17.54	17.34	17.42	19	2.3
5	256QAM	12	7	17.40	17.36	17.35		
5	256QAM	12	13	17.47	17.37	17.49		
5	256QAM	25	0	17.37	17.45	17.45		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.91	20.12	20.00	21.3	0
3	QPSK	1	8	20.07	19.98	19.95		
3	QPSK	1	14	19.94	20.07	19.87		
3	QPSK	8	0	19.72	19.75	19.62	21.3	0
3	QPSK	8	4	19.53	19.55	19.62		
3	QPSK	8	7	19.72	19.63	19.61		
3	QPSK	15	0	19.59	19.67	19.58		
3	16QAM	1	0	19.95	19.85	19.88	21.3	0
3	16QAM	1	8	19.82	19.95	19.99		
3	16QAM	1	14	19.52	19.54	19.70		
3	16QAM	8	0	19.79	19.74	19.62	20.6	0.7
3	16QAM	8	4	19.76	19.68	19.79		
3	16QAM	8	7	19.72	19.66	19.63		
3	16QAM	15	0	19.70	19.70	19.50		
3	64QAM	1	0	19.67	19.77	19.69	20.6	0.7
3	64QAM	1	8	19.81	19.73	19.57		
3	64QAM	1	14	19.63	19.70	19.60		
3	64QAM	8	0	19.63	19.60	19.47	21	0.3
3	64QAM	8	4	19.53	19.45	19.55		
3	64QAM	8	7	19.75	19.66	19.61		
3	64QAM	15	0	19.46	19.67	19.54		
3	256QAM	1	0	17.40	17.32	17.43	19	2.3
3	256QAM	1	8	17.47	17.51	17.42		
3	256QAM	1	14	17.37	17.30	17.50		
3	256QAM	8	0	17.50	17.27	17.49	19	2.3
3	256QAM	8	4	17.43	17.38	17.36		
3	256QAM	8	7	17.46	17.41	17.41		
3	256QAM	15	0	17.41	17.47	17.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.83	20.04	19.96	21.3	0
1.4	QPSK	1	3	19.87	19.83	19.87		
1.4	QPSK	1	5	19.86	19.88	19.87		
1.4	QPSK	3	0	19.62	19.70	19.54		
1.4	QPSK	3	1	19.66	19.72	19.45		
1.4	QPSK	3	3	19.64	19.71	19.49		
1.4	QPSK	6	0	19.58	19.65	19.50	21.3	0
1.4	16QAM	1	0	19.59	19.67	19.57	21.3	0
1.4	16QAM	1	3	19.59	19.66	19.46		
1.4	16QAM	1	5	19.67	19.70	19.48		
1.4	16QAM	3	0	19.61	19.74	19.51		
1.4	16QAM	3	1	19.65	19.75	19.50		
1.4	16QAM	3	3	19.54	19.70	19.47		
1.4	16QAM	6	0	19.64	19.74	19.47	20.6	0.7
1.4	64QAM	1	0	19.57	19.71	19.46	20.6	0.7
1.4	64QAM	1	3	19.65	19.70	19.43		
1.4	64QAM	1	5	19.65	19.78	19.52		
1.4	64QAM	3	0	19.67	19.65	19.48		

1.4	64QAM	3	1	19.64	19.71	19.41	21	0.3
1.4	64QAM	3	3	19.62	19.67	19.44		
1.4	64QAM	6	0	19.81	20.03	19.89		
1.4	256QAM	1	0	17.60	17.47	17.49	19	2.3
1.4	256QAM	1	3	17.62	17.36	17.46		
1.4	256QAM	1	5	17.53	17.47	17.48		
1.4	256QAM	3	0	17.63	17.39	17.49		
1.4	256QAM	3	1	17.48	17.35	17.36		
1.4	256QAM	3	3	17.52	17.53	17.49		
1.4	256QAM	6	0	17.51	17.58	17.66	19	2.3

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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				132072	132322	132572	21.3	0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.24	20.41	20.29		
20	QPSK	1	49	20.32	20.26	20.28	21.3	0
20	QPSK	1	99	20.29	20.32	20.20		
20	QPSK	50	0	20.02	20.10	19.90		
20	QPSK	50	24	19.88	19.81	19.88	21.3	0
20	QPSK	50	50	19.98	19.93	19.91		
20	QPSK	100	0	19.87	19.96	19.89		
20	16QAM	1	0	20.27	20.18	20.20	21.3	0
20	16QAM	1	49	20.14	20.25	20.24		
20	16QAM	1	99	19.81	19.87	20.03		
20	16QAM	50	0	20.14	20.03	19.91	20.6	0.7
20	16QAM	50	24	20.01	19.99	20.09		
20	16QAM	50	50	20.02	19.93	19.95		
20	16QAM	100	0	19.98	20.00	19.82	20.6	0.7
20	64QAM	1	0	20.00	20.03	19.97		
20	64QAM	1	49	20.07	20.00	19.92		
20	64QAM	1	99	19.98	20.01	19.94	21	0.3
20	64QAM	50	0	19.93	19.91	19.76		
20	64QAM	50	24	19.85	19.78	19.86		
20	64QAM	50	50	20.01	19.99	19.87	19	2.3
20	64QAM	100	0	19.80	19.95	19.87		
20	256QAM	1	0	17.70	17.58	17.70		
20	256QAM	1	49	17.81	17.79	17.70	19	2.3
20	256QAM	1	99	17.69	17.64	17.83		
20	256QAM	50	0	17.83	17.61	17.76		
20	256QAM	50	24	17.69	17.70	17.67	19	2.3
20	256QAM	50	50	17.77	17.70	17.76		
20	256QAM	100	0	17.69	17.73	17.72		
Channel				132047	132322	132597	21.3	0
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.00	20.30	20.11		
15	QPSK	1	37	20.09	20.08	20.12	21.3	0
15	QPSK	1	74	20.11	20.11	20.03		
15	QPSK	36	0	19.83	19.93	19.66	21.3	0
15	QPSK	36	20	19.67	19.65	19.67		
15	QPSK	36	39	19.80	19.77	19.69		
15	QPSK	75	0	19.64	19.80	19.73	21.3	0
15	16QAM	1	0	20.10	20.00	19.95		

15	16QAM	1	37	19.93	20.04	20.08		
15	16QAM	1	74	19.66	19.63	19.83		
15	16QAM	36	0	19.92	19.79	19.74		
15	16QAM	36	20	19.82	19.80	19.93	20.6	0.7
15	16QAM	36	39	19.85	19.70	19.79		
15	16QAM	75	0	19.76	19.85	19.57		
15	64QAM	1	0	19.79	19.85	19.80	20.6	0.7
15	64QAM	1	37	19.84	19.75	19.69		
15	64QAM	1	74	19.74	19.77	19.74		
15	64QAM	36	0	19.94	19.91	19.76	21	0.3
15	64QAM	36	20	19.89	19.80	19.90		
15	64QAM	36	39	20.01	19.98	19.92		
15	64QAM	75	0	19.75	19.93	19.87	19	2.3
15	256QAM	1	0	17.77	17.55	17.71		
15	256QAM	1	37	17.80	17.79	17.68		
15	256QAM	1	74	17.69	17.66	17.78	19	2.3
15	256QAM	36	0	17.81	17.65	17.82		
15	256QAM	36	20	17.73	17.69	17.65		
15	256QAM	36	39	17.72	17.69	17.76	19	2.3
15	256QAM	75	0	17.70	17.72	17.75		
Channel				132022	132322	132622		
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.05	20.23	20.12	21.3	0
10	QPSK	1	25	20.16	20.06	20.06		
10	QPSK	1	49	20.07	20.09	20.05		
10	QPSK	25	0	19.87	19.90	19.73	21.3	0
10	QPSK	25	12	19.70	19.64	19.71		
10	QPSK	25	25	19.74	19.75	19.73		
10	QPSK	50	0	19.69	19.81	19.72	21.3	0
10	16QAM	1	0	20.06	20.02	19.96		
10	16QAM	1	25	19.96	20.01	20.07		
10	16QAM	1	49	19.62	19.68	19.80	20.6	0.7
10	16QAM	25	0	19.91	19.79	19.72		
10	16QAM	25	12	19.77	19.78	19.93		
10	16QAM	25	25	19.83	19.73	19.76	20.6	0.7
10	16QAM	50	0	19.79	19.80	19.60		
10	64QAM	1	0	19.76	19.84	19.81		
10	64QAM	1	25	19.88	19.81	19.74	20.6	0.7
10	64QAM	1	49	19.75	19.83	19.78		
10	64QAM	25	0	20.03	19.85	19.75		
10	64QAM	25	12	19.82	19.82	19.85	21	0.3
10	64QAM	25	25	20.03	19.93	19.92		
10	64QAM	50	0	19.80	19.87	19.90		
10	256QAM	1	0	17.77	17.62	17.71	19	2.3
10	256QAM	1	25	17.78	17.73	17.69		
10	256QAM	1	49	17.63	17.66	17.85		
10	256QAM	25	0	17.77	17.63	17.78	19	2.3
10	256QAM	25	12	17.75	17.75	17.67		
10	256QAM	25	25	17.73	17.73	17.74		
10	256QAM	50	0	17.71	17.78	17.76	Channel	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.04	20.23	20.12	21.3	0
5	QPSK	1	12	20.13	20.09	20.12		
5	QPSK	1	24	20.10	20.13	20.02		

5	QPSK	12	0	19.79	19.88	19.68	21.3	0
5	QPSK	12	7	19.72	19.62	19.65		
5	QPSK	12	13	19.82	19.78	19.75		
5	QPSK	25	0	19.62	19.81	19.67		
5	16QAM	1	0	20.05	20.01	20.03	21.3	0
5	16QAM	1	12	19.99	20.01	20.09		
5	16QAM	1	24	19.63	19.66	19.85		
5	16QAM	12	0	19.89	19.82	19.68	20.6	0.7
5	16QAM	12	7	19.77	19.82	19.93		
5	16QAM	12	13	19.84	19.69	19.71		
5	16QAM	25	0	19.76	19.84	19.58		
5	64QAM	1	0	19.85	19.86	19.81	20.6	0.7
5	64QAM	1	12	19.89	19.85	19.75		
5	64QAM	1	24	19.81	19.84	19.75		
5	64QAM	12	0	19.96	19.91	19.80	21	0.3
5	64QAM	12	7	19.80	19.77	19.86		
5	64QAM	12	13	20.04	19.98	19.89		
5	64QAM	25	0	19.73	19.92	19.94		
5	256QAM	1	0	17.76	17.59	17.71	19	2.3
5	256QAM	1	12	17.85	17.76	17.65		
5	256QAM	1	24	17.65	17.72	17.79		
5	256QAM	12	0	17.80	17.61	17.74	19	2.3
5	256QAM	12	7	17.71	17.65	17.62		
5	256QAM	12	13	17.70	17.69	17.70		
5	256QAM	25	0	17.65	17.73	17.69		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.08	20.21	20.08	21.3	0
3	QPSK	1	8	20.08	20.06	20.05		
3	QPSK	1	14	20.10	20.12	19.99		
3	QPSK	8	0	19.80	19.93	19.75	21.3	0
3	QPSK	8	4	19.68	19.66	19.69		
3	QPSK	8	7	19.78	19.76	19.70		
3	QPSK	15	0	19.66	19.76	19.68		
3	16QAM	1	0	20.10	19.99	20.00	21.3	0
3	16QAM	1	8	19.91	20.01	20.05		
3	16QAM	1	14	20.05	20.21	20.12		
3	16QAM	8	0	19.91	19.82	19.71	20.6	0.7
3	16QAM	8	4	19.83	19.84	19.85		
3	16QAM	8	7	19.87	19.70	19.80		
3	16QAM	15	0	19.74	19.81	19.65		
3	64QAM	1	0	19.77	19.86	19.73	20.6	0.7
3	64QAM	1	8	19.90	19.76	19.76		
3	64QAM	1	14	19.75	19.81	19.75		
3	64QAM	8	0	19.98	19.84	19.81	21	0.3
3	64QAM	8	4	19.83	19.79	19.91		
3	64QAM	8	7	19.96	19.91	19.87		
3	64QAM	15	0	19.73	19.90	19.92		
3	256QAM	1	0	17.69	17.62	17.72	19	2.3
3	256QAM	1	8	17.79	17.79	17.68		
3	256QAM	1	14	17.63	17.71	17.84		
3	256QAM	8	0	17.81	17.65	17.80	19	2.3
3	256QAM	8	4	17.67	17.66	17.68		
3	256QAM	8	7	17.73	17.75	17.74		
3	256QAM	15	0	17.68	17.73	17.75		
Channel				131979	132322	132665	Tune-up	MPR

Frequency (MHz)				1710.7	1745	1779.3	limit (dBm)	(dB)
1.4	QPSK	1	0	20.05	20.21	20.12	21.3	0
1.4	QPSK	1	3	20.09	20.07	20.06		
1.4	QPSK	1	5	20.10	20.08	20.03		
1.4	QPSK	3	0	19.83	19.94	19.71		
1.4	QPSK	3	1	19.85	19.91	19.67		
1.4	QPSK	3	3	19.84	19.93	19.65		
1.4	QPSK	6	0	19.80	19.88	19.74	21.3	0
1.4	16QAM	1	0	19.78	19.88	19.75	21.3	0
1.4	16QAM	1	3	19.79	19.89	19.68		
1.4	16QAM	1	5	19.82	19.95	19.71		
1.4	16QAM	3	0	19.86	19.89	19.67		
1.4	16QAM	3	1	19.81	19.92	19.66		
1.4	16QAM	3	3	19.78	19.89	19.68		
1.4	16QAM	6	0	19.79	19.92	19.69	20.6	0.7
1.4	64QAM	1	0	19.79	19.92	19.68	20.6	0.7
1.4	64QAM	1	3	19.85	19.89	19.68		
1.4	64QAM	1	5	19.81	19.94	19.72		
1.4	64QAM	3	0	19.86	19.89	19.67		
1.4	64QAM	3	1	19.81	19.92	19.66		
1.4	64QAM	3	3	19.78	19.89	19.68		
1.4	64QAM	6	0	20.05	20.21	20.12	21	0.3
1.4	256QAM	1	0	17.82	17.70	17.67	19	2.3
1.4	256QAM	1	3	17.78	17.61	17.67		
1.4	256QAM	1	5	17.68	17.63	17.68		
1.4	256QAM	3	0	17.80	17.59	17.71		
1.4	256QAM	3	1	17.63	17.55	17.58		
1.4	256QAM	3	3	17.74	17.76	17.72		
1.4	256QAM	6	0	17.71	17.79	17.82	19	2.3

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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				20050	20175	20300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.22	21.49	21.29	22.4	0
20	QPSK	1	49	21.23	21.17	21.18		
20	QPSK	1	99	21.18	21.22	21.08		
20	QPSK	50	0	21.06	21.10	20.92	22.4	0
20	QPSK	50	24	21.03	20.88	20.96		
20	QPSK	50	50	21.13	21.05	21.06		
20	QPSK	100	0	21.02	21.11	20.99	22.4	0
20	16QAM	1	0	21.41	21.26	21.36		
20	16QAM	1	49	21.26	21.36	21.34		
20	16QAM	1	99	21.30	21.34	21.34	22	0.4
20	16QAM	50	0	20.82	20.71	20.64		
20	16QAM	50	24	20.70	20.68	20.79		
20	16QAM	50	50	20.77	20.64	20.69	22	0.4
20	16QAM	100	0	20.65	20.73	20.58		
20	64QAM	1	0	20.76	20.77	20.70		
20	64QAM	1	49	20.80	20.73	20.66	21	1.4
20	64QAM	1	99	20.73	20.71	20.70		
20	64QAM	50	0	19.83	19.87	19.68		
20	64QAM	50	24	19.77	19.69	19.81		

20	64QAM	50	50	19.92	19.94	19.81		
20	64QAM	100	0	19.72	19.91	19.80		
20	256QAM	1	0	17.65	17.45	17.61		
20	256QAM	1	49	17.78	17.76	17.62	19	3.4
20	256QAM	1	99	17.57	17.58	17.73		
20	256QAM	50	0	17.78	17.53	17.65		
20	256QAM	50	24	17.59	17.62	17.55	19	3.4
20	256QAM	50	50	17.65	17.67	17.73		
20	256QAM	100	0	17.64	17.69	17.59		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.00	21.24	21.16	22.4	0
15	QPSK	1	37	21.01	20.96	21.00		
15	QPSK	1	74	20.96	21.04	20.93		
15	QPSK	36	0	20.92	20.95	20.66	22.4	0
15	QPSK	36	20	20.78	20.76	20.86		
15	QPSK	36	39	20.96	20.86	20.84		
15	QPSK	75	0	20.80	20.81	20.82	22.4	0
15	16QAM	1	0	21.22	21.13	21.09		
15	16QAM	1	37	20.98	21.19	21.17		
15	16QAM	1	74	21.15	21.17	21.40	22	0.4
15	16QAM	36	0	20.91	20.71	20.64		
15	16QAM	36	20	20.74	20.74	20.79		
15	16QAM	36	39	20.72	20.70	20.79	22	0.4
15	16QAM	75	0	20.64	20.74	20.52		
15	64QAM	1	0	20.67	20.80	20.69		
15	64QAM	1	37	20.74	20.75	20.60	21	1.4
15	64QAM	1	74	20.65	20.73	20.65		
15	64QAM	36	0	19.89	19.81	19.69		
15	64QAM	36	20	19.77	19.75	19.87	19	3.4
15	64QAM	36	39	19.94	19.87	19.79		
15	64QAM	75	0	19.63	19.81	19.78		
15	256QAM	1	0	17.74	17.43	17.66	19	3.4
15	256QAM	1	37	17.73	17.73	17.65		
15	256QAM	1	74	17.60	17.58	17.70		
15	256QAM	36	0	17.76	17.58	17.75	19	3.4
15	256QAM	36	20	17.68	17.59	17.57		
15	256QAM	36	39	17.67	17.62	17.65		
15	256QAM	75	0	17.65	17.67	17.66	Tune-up limit (dBm)	MPR (dB)
Channel				20000	20175	20350		
Frequency (MHz)				1715	1732.5	1750	22.4	0
10	QPSK	1	0	21.04	21.25	21.19		
10	QPSK	1	25	20.99	20.90	20.91		
10	QPSK	1	49	20.91	21.04	20.93	22.4	0
10	QPSK	25	0	20.86	20.93	20.65		
10	QPSK	25	12	20.79	20.74	20.88		
10	QPSK	25	25	20.91	20.89	20.87	22.4	0
10	QPSK	50	0	20.79	20.81	20.82		
10	16QAM	1	0	21.24	21.08	21.09		
10	16QAM	1	25	21.05	21.16	21.22	22.4	0
10	16QAM	1	49	21.12	21.19	21.41		
10	16QAM	25	0	20.90	20.78	20.61		
10	16QAM	25	12	20.76	20.73	20.83	22	0.4
10	16QAM	25	25	20.75	20.65	20.77		
10	16QAM	50	0	20.62	20.76	20.55		

10	64QAM	1	0	20.69	20.80	20.66	22	0.4
10	64QAM	1	25	20.82	20.68	20.68		
10	64QAM	1	49	20.63	20.75	20.65		
10	64QAM	25	0	19.86	19.87	19.64	21	1.4
10	64QAM	25	12	19.82	19.70	19.78		
10	64QAM	25	25	19.91	19.94	19.80		
10	64QAM	50	0	19.64	19.81	19.77	19	3.4
10	256QAM	1	0	17.70	17.45	17.58		
10	256QAM	1	25	17.71	17.69	17.56		
10	256QAM	1	49	17.60	17.60	17.65	19	3.4
10	256QAM	25	0	17.76	17.61	17.74		
10	256QAM	25	12	17.67	17.58	17.54		
10	256QAM	25	25	17.65	17.59	17.71		
10	256QAM	50	0	17.66	17.62	17.65	Tune-up limit (dBm)	MPR (dB)
Channel				19975	20175	20375		
Frequency (MHz)				1712.5	1732.5	1752.5	22.4	0
5	QPSK	1	0	20.99	21.32	21.16		
5	QPSK	1	12	21.01	20.93	21.00		
5	QPSK	1	24	20.94	21.05	21.00	22.4	0
5	QPSK	12	0	20.91	21.01	20.75		
5	QPSK	12	7	20.81	20.74	20.89		
5	QPSK	12	13	20.90	20.86	20.92		
5	QPSK	25	0	20.81	20.87	20.84	22.4	0
5	16QAM	1	0	21.20	21.09	21.14		
5	16QAM	1	12	21.07	21.18	21.21		
5	16QAM	1	24	21.17	21.20	21.41	22	0.4
5	16QAM	12	0	20.86	20.75	20.62		
5	16QAM	12	7	20.70	20.77	20.78		
5	16QAM	12	13	20.72	20.64	20.73		
5	16QAM	25	0	20.64	20.70	20.53	22	0.4
5	64QAM	1	0	20.71	20.81	20.65		
5	64QAM	1	12	20.74	20.70	20.63		
5	64QAM	1	24	20.65	20.71	20.66	21	1.4
5	64QAM	12	0	19.88	19.79	19.72		
5	64QAM	12	7	19.84	19.74	19.84		
5	64QAM	12	13	19.94	19.92	19.85		
5	64QAM	25	0	19.63	19.84	19.75	19	3.4
5	256QAM	1	0	17.66	17.43	17.59		
5	256QAM	1	12	17.75	17.70	17.63		
5	256QAM	1	24	17.61	17.56	17.69	19	3.4
5	256QAM	12	0	17.71	17.57	17.76		
5	256QAM	12	7	17.64	17.65	17.59		
5	256QAM	12	13	17.60	17.61	17.68		
5	256QAM	25	0	17.62	17.60	17.70	Tune-up limit (dBm)	MPR (dB)
Channel				19965	20175	20385		
Frequency (MHz)				1711.5	1732.5	1753.5	22.4	0
3	QPSK	1	0	21.01	21.26	21.20		
3	QPSK	1	8	21.02	20.98	20.92		
3	QPSK	1	14	20.95	21.02	20.96	22.4	0
3	QPSK	8	0	20.91	20.95	20.71		
3	QPSK	8	4	20.76	20.69	20.82		
3	QPSK	8	7	20.99	20.83	20.89		
3	QPSK	15	0	20.85	20.84	20.79	22.4	0
3	16QAM	1	0	21.20	21.10	21.12		
3	16QAM	1	8	21.02	21.19	21.22		

3	16QAM	1	14	21.13	21.15	21.37		
3	16QAM	8	0	20.92	20.71	20.62	22	0.4
3	16QAM	8	4	20.71	20.79	20.84		
3	16QAM	8	7	20.77	20.65	20.77		
3	16QAM	15	0	20.59	20.70	20.52		
3	64QAM	1	0	20.67	20.80	20.65	22	0.4
3	64QAM	1	8	20.78	20.76	20.61		
3	64QAM	1	14	20.63	20.67	20.69		
3	64QAM	8	0	19.85	19.83	19.71	21	1.4
3	64QAM	8	4	19.83	19.69	19.77		
3	64QAM	8	7	19.96	19.92	19.86		
3	64QAM	15	0	19.72	19.83	19.82		
3	256QAM	1	0	17.65	17.49	17.61	19	3.4
3	256QAM	1	8	17.76	17.70	17.63		
3	256QAM	1	14	17.66	17.63	17.71		
3	256QAM	8	0	17.69	17.62	17.73	19	3.4
3	256QAM	8	4	17.65	17.61	17.57		
3	256QAM	8	7	17.64	17.57	17.66		
3	256QAM	15	0	17.66	17.61	17.65		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.04	21.33	21.08	22.4	0
1.4	QPSK	1	3	21.02	20.94	21.03		
1.4	QPSK	1	5	20.99	20.97	20.98		
1.4	QPSK	3	0	21.05	21.29	21.09		
1.4	QPSK	3	1	21.07	20.94	20.93		
1.4	QPSK	3	3	21.00	21.00	20.88		
1.4	QPSK	6	0	20.82	20.91	20.77	22.4	0
1.4	16QAM	1	0	20.82	20.67	20.82	22.4	0
1.4	16QAM	1	3	20.94	20.86	20.89		
1.4	16QAM	1	5	20.81	20.93	20.75		
1.4	16QAM	3	0	21.13	21.03	21.15		
1.4	16QAM	3	1	21.04	21.23	21.18		
1.4	16QAM	3	3	21.13	21.11	21.37		
1.4	16QAM	6	0	20.78	20.79	20.68	22	0.4
1.4	64QAM	1	0	20.74	20.66	20.78	22	0.4
1.4	64QAM	1	3	20.73	20.59	20.74		
1.4	64QAM	1	5	20.52	20.52	20.56		
1.4	64QAM	3	0	20.69	20.75	20.76		
1.4	64QAM	3	1	20.80	20.63	20.68		
1.4	64QAM	3	3	20.65	20.50	20.49		
1.4	64QAM	6	0	20.46	20.61	20.62	21	1.4
1.4	256QAM	1	0	17.74	17.63	17.61	19	3.4
1.4	256QAM	1	3	17.68	17.56	17.63		
1.4	256QAM	1	5	17.63	17.51	17.62		
1.4	256QAM	3	0	17.71	17.49	17.65		
1.4	256QAM	3	1	17.57	17.52	17.54		
1.4	256QAM	3	3	17.71	17.66	17.65		
1.4	256QAM	6	0	17.62	17.76	17.75	19	3.4

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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				132072	132322	132572		

Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.32	21.57	21.36	22.4	0
20	QPSK	1	49	21.32	21.26	21.28		
20	QPSK	1	99	21.29	21.32	21.20		
20	QPSK	50	0	21.12	21.20	21.00	22.4	0
20	QPSK	50	24	21.08	21.01	21.08		
20	QPSK	50	50	21.18	21.13	21.11		
20	QPSK	100	0	21.07	21.16	21.09	22.4	0
20	16QAM	1	0	21.47	21.38	21.40		
20	16QAM	1	49	21.34	21.45	21.44		
20	16QAM	1	99	21.41	21.47	21.43	22	0.4
20	16QAM	50	0	20.94	20.83	20.71		
20	16QAM	50	24	20.81	20.79	20.89		
20	16QAM	50	50	20.82	20.73	20.75	22	0.4
20	16QAM	100	0	20.78	20.80	20.62		
20	64QAM	1	0	20.80	20.83	20.77		
20	64QAM	1	49	20.87	20.80	20.72	21	1.4
20	64QAM	1	99	20.78	20.81	20.74		
20	64QAM	50	0	19.93	19.91	19.76		
20	64QAM	50	24	19.85	19.78	19.86	19	3.4
20	64QAM	50	50	20.01	19.99	19.87		
20	64QAM	100	0	19.80	19.95	19.87		
20	256QAM	1	0	17.70	17.58	17.70	19	3.4
20	256QAM	1	49	17.81	17.79	17.70		
20	256QAM	1	99	17.69	17.64	17.83		
20	256QAM	50	0	17.83	17.61	17.76	19	3.4
20	256QAM	50	24	17.69	17.70	17.67		
20	256QAM	50	50	17.77	17.70	17.76		
20	256QAM	100	0	17.69	17.73	17.72		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.11	21.35	21.23	22.4	0
15	QPSK	1	37	21.09	21.02	21.04		
15	QPSK	1	74	21.04	21.14	21.04		
15	QPSK	36	0	20.97	21.04	20.78	22.4	0
15	QPSK	36	20	20.85	20.81	20.93		
15	QPSK	36	39	21.03	20.92	20.96		
15	QPSK	75	0	20.91	20.91	20.91	22.4	0
15	16QAM	1	0	21.32	21.17	21.17		
15	16QAM	1	37	21.10	21.28	21.28		
15	16QAM	1	74	21.20	21.26	21.47	22	0.4
15	16QAM	36	0	20.97	20.84	20.70		
15	16QAM	36	20	20.83	20.86	20.90		
15	16QAM	36	39	20.81	20.74	20.84	22	0.4
15	16QAM	75	0	20.70	20.79	20.65		
15	64QAM	1	0	20.79	20.85	20.77		
15	64QAM	1	37	20.85	20.80	20.71	21	1.4
15	64QAM	1	74	20.75	20.79	20.74		
15	64QAM	36	0	19.94	19.91	19.76		
15	64QAM	36	20	19.89	19.80	19.90	19	3.4
15	64QAM	36	39	20.01	19.98	19.92		
15	64QAM	75	0	19.75	19.93	19.87		
15	256QAM	1	0	17.77	17.55	17.71	19	3.4
15	256QAM	1	37	17.80	17.79	17.68		
15	256QAM	1	74	17.69	17.66	17.78		
15	256QAM	36	0	17.81	17.65	17.82	19	3.4

15	256QAM	36	20	17.73	17.69	17.65		
15	256QAM	36	39	17.72	17.69	17.76		
15	256QAM	75	0	17.70	17.72	17.75		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.14	21.36	21.21	22.4	0
10	QPSK	1	25	21.16	21.08	21.06		
10	QPSK	1	49	21.05	21.16	21.04		
10	QPSK	25	0	20.90	21.01	20.79	22.4	0
10	QPSK	25	12	20.92	20.84	20.92		
10	QPSK	25	25	21.01	20.96	20.88		
10	QPSK	50	0	20.92	20.95	20.92	22.4	0
10	16QAM	1	0	21.23	21.21	21.17		
10	16QAM	1	25	21.10	21.26	21.29		
10	16QAM	1	49	21.23	21.29	21.43	22	0.4
10	16QAM	25	0	20.94	20.82	20.71		
10	16QAM	25	12	20.77	20.81	20.93		
10	16QAM	25	25	20.85	20.73	20.76	22	0.4
10	16QAM	50	0	20.75	20.78	20.66		
10	64QAM	1	0	20.78	20.81	20.74		
10	64QAM	1	25	20.85	20.81	20.81	22	0.4
10	64QAM	1	49	20.72	20.78	20.81		
10	64QAM	25	0	20.03	19.85	19.75		
10	64QAM	25	12	19.82	19.82	19.85	21	1.4
10	64QAM	25	25	20.03	19.93	19.92		
10	64QAM	50	0	19.80	19.87	19.90		
10	256QAM	1	0	17.77	17.62	17.71	19	3.4
10	256QAM	1	25	17.78	17.73	17.69		
10	256QAM	1	49	17.63	17.66	17.85		
10	256QAM	25	0	17.77	17.63	17.78	19	3.4
10	256QAM	25	12	17.75	17.75	17.67		
10	256QAM	25	25	17.73	17.73	17.74		
10	256QAM	50	0	17.71	17.78	17.76	Tune-up limit (dBm)	MPR (dB)
Channel				131997	132322	132647		
Frequency (MHz)				1712.5	1745	1777.5	22.4	0
5	QPSK	1	0	21.10	21.36	21.19		
5	QPSK	1	12	21.09	21.10	21.08		
5	QPSK	1	24	21.08	21.12	21.00	22.4	0
5	QPSK	12	0	20.87	20.95	20.77		
5	QPSK	12	7	20.90	20.77	20.89		
5	QPSK	12	13	21.03	20.92	20.93	22.4	0
5	QPSK	25	0	20.85	20.98	20.90		
5	16QAM	1	0	21.24	21.13	21.25		
5	16QAM	1	12	21.16	21.22	21.19	22.4	0
5	16QAM	1	24	21.19	21.25	21.42		
5	16QAM	12	0	20.90	20.86	20.70		
5	16QAM	12	7	20.80	20.80	20.86	22	0.4
5	16QAM	12	13	20.86	20.75	20.85		
5	16QAM	25	0	20.71	20.82	20.68		
5	64QAM	1	0	20.78	20.82	20.77	22	0.4
5	64QAM	1	12	20.82	20.78	20.80		
5	64QAM	1	24	20.77	20.84	20.84		
5	64QAM	12	0	19.96	19.91	19.80	21	1.4
5	64QAM	12	7	19.80	19.77	19.86		
5	64QAM	12	13	20.04	19.98	19.89		

5	64QAM	25	0	19.73	19.92	19.94		
5	256QAM	1	0	17.76	17.59	17.71	19	3.4
5	256QAM	1	12	17.85	17.76	17.65		
5	256QAM	1	24	17.65	17.72	17.79		
5	256QAM	12	0	17.80	17.61	17.74	19	3.4
5	256QAM	12	7	17.71	17.65	17.62		
5	256QAM	12	13	17.70	17.69	17.70		
5	256QAM	25	0	17.65	17.73	17.69		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.13	21.39	21.20	22.4	0
3	QPSK	1	8	21.14	21.06	21.12		
3	QPSK	1	14	21.11	21.15	21.01		
3	QPSK	8	0	20.88	21.02	20.76	22.4	0
3	QPSK	8	4	20.89	20.79	20.85		
3	QPSK	8	7	21.00	20.88	20.86		
3	QPSK	15	0	20.85	20.96	20.91	22.4	0
3	16QAM	1	0	21.24	21.23	21.23		
3	16QAM	1	8	21.12	21.26	21.21		
3	16QAM	1	14	21.22	21.31	21.39	22	0.4
3	16QAM	8	0	20.96	20.88	20.76		
3	16QAM	8	4	20.82	20.81	20.86		
3	16QAM	8	7	20.86	20.82	20.83	22	0.4
3	16QAM	15	0	20.72	20.78	20.70		
3	64QAM	1	0	20.85	20.86	20.75		
3	64QAM	1	8	20.83	20.76	20.76	22	0.4
3	64QAM	1	14	20.75	20.84	20.74		
3	64QAM	8	0	19.98	19.84	19.81		
3	64QAM	8	4	19.83	19.79	19.91	21	1.4
3	64QAM	8	7	19.96	19.91	19.87		
3	64QAM	15	0	19.73	19.90	19.92		
3	256QAM	1	0	17.69	17.62	17.72	19	3.4
3	256QAM	1	8	17.79	17.79	17.68		
3	256QAM	1	14	17.63	17.71	17.84		
3	256QAM	8	0	17.81	17.65	17.80	19	3.4
3	256QAM	8	4	17.67	17.66	17.68		
3	256QAM	8	7	17.73	17.75	17.74		
3	256QAM	15	0	17.68	17.73	17.75		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.09	21.41	21.16	22.4	0
1.4	QPSK	1	3	21.08	21.03	21.11		
1.4	QPSK	1	5	21.06	21.07	21.03		
1.4	QPSK	3	0	21.16	21.38	21.16		
1.4	QPSK	3	1	21.13	21.01	21.06		
1.4	QPSK	3	3	21.10	21.12	20.98		
1.4	QPSK	6	0	20.94	20.99	20.82	22.4	0
1.4	16QAM	1	0	20.89	20.78	20.92	22.4	0
1.4	16QAM	1	3	21.02	20.96	20.95		
1.4	16QAM	1	5	20.88	20.97	20.87		
1.4	16QAM	3	0	21.23	21.15	21.23		
1.4	16QAM	3	1	21.15	21.27	21.26		
1.4	16QAM	3	3	21.22	21.24	21.43		
1.4	16QAM	6	0	20.81	20.83	20.75	22	0.4
1.4	64QAM	1	0	20.78	20.74	20.82	22	0.4

1.4	64QAM	1	3	20.83	20.71	20.81		
1.4	64QAM	1	5	20.60	20.64	20.59		
1.4	64QAM	3	0	20.77	20.80	20.85		
1.4	64QAM	3	1	20.84	20.74	20.78		
1.4	64QAM	3	3	20.70	20.62	20.60		
1.4	64QAM	6	0	20.55	20.65	20.69	21	1.4
1.4	256QAM	1	0	17.82	17.70	17.67	19	3.4
1.4	256QAM	1	3	17.78	17.61	17.67		
1.4	256QAM	1	5	17.68	17.63	17.68		
1.4	256QAM	3	0	17.80	17.59	17.71		
1.4	256QAM	3	1	17.63	17.55	17.58		
1.4	256QAM	3	3	17.74	17.76	17.72	19	3.4
1.4	256QAM	6	0	17.71	17.79	17.82		

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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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.95	19.11	18.86	19.5	0
20	QPSK	1	49	18.70	18.80	18.76		
20	QPSK	1	99	18.68	18.74	18.79		
20	QPSK	50	0	18.49	18.69	18.45	19.5	0
20	QPSK	50	24	18.52	18.68	18.52		
20	QPSK	50	50	18.51	18.57	18.54		
20	QPSK	100	0	18.40	18.57	18.43	19.5	0
20	16QAM	1	0	18.25	18.38	18.39		
20	16QAM	1	49	18.21	18.26	18.33		
20	16QAM	1	99	18.14	18.29	18.16	19.5	0
20	16QAM	50	0	17.98	18.13	18.19		
20	16QAM	50	24	18.10	18.30	18.13		
20	16QAM	50	50	18.19	18.12	18.05	19.5	0
20	16QAM	100	0	18.17	18.35	18.09		
20	64QAM	1	0	18.19	18.23	18.32		
20	64QAM	1	49	18.23	18.15	18.33	19.5	0
20	64QAM	1	99	18.11	18.40	18.21		
20	64QAM	50	0	18.10	18.15	18.12		
20	64QAM	50	24	18.10	18.16	18.15	19.5	0
20	64QAM	50	50	18.05	18.18	18.09		
20	64QAM	100	0	18.18	18.39	18.08		
20	256QAM	1	0	18.24	18.35	18.35	19.5	0
20	256QAM	1	49	18.31	18.30	18.40		
20	256QAM	1	99	18.25	18.41	18.25		
20	256QAM	50	0	18.10	18.28	18.27	19.5	0
20	256QAM	50	24	18.12	18.28	18.18		
20	256QAM	50	50	18.20	18.18	18.16		
20	256QAM	100	0	18.21	18.42	18.13		
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.81	19.02	18.86	19.5	0
15	QPSK	1	37	18.67	18.70	18.74		
15	QPSK	1	74	18.58	18.75	18.71		
15	QPSK	36	0	18.34	18.67	18.41	19.5	0
15	QPSK	36	20	18.40	18.60	18.46		

15	QPSK	36	39	18.48	18.60	18.49		
15	QPSK	75	0	18.35	18.56	18.32		
15	16QAM	1	0	18.20	18.27	18.42		
15	16QAM	1	37	18.15	18.16	18.30	19.5	0
15	16QAM	1	74	18.05	18.16	18.11		
15	16QAM	36	0	17.87	18.17	18.23		
15	16QAM	36	20	18.06	18.25	18.16	19.5	0
15	16QAM	36	39	18.12	18.12	17.90		
15	16QAM	75	0	18.07	18.20	18.05		
15	64QAM	1	0	18.06	18.18	18.28	19.5	0
15	64QAM	1	37	18.11	18.18	18.37		
15	64QAM	1	74	18.13	18.40	18.25		
15	64QAM	36	0	18.10	18.09	18.10	19.5	0
15	64QAM	36	20	18.06	18.18	18.17		
15	64QAM	36	39	17.97	18.14	18.12		
15	64QAM	75	0	18.22	18.24	18.01	19.5	0
15	256QAM	1	0	18.21	18.30	18.31		
15	256QAM	1	37	18.21	18.24	18.38		
15	256QAM	1	74	18.19	18.32	18.23	19.5	0
15	256QAM	36	0	17.98	18.15	18.32		
15	256QAM	36	20	18.13	18.26	18.21		
15	256QAM	36	39	18.19	18.04	18.08	19.5	0
15	256QAM	75	0	18.19	18.37	18.02		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.94	19.01	18.87	19.5	0
10	QPSK	1	25	18.73	18.84	18.80		
10	QPSK	1	49	18.71	18.71	18.84		
10	QPSK	25	0	18.40	18.56	18.47	19.5	0
10	QPSK	25	12	18.55	18.58	18.49		
10	QPSK	25	25	18.55	18.57	18.47		
10	QPSK	50	0	18.27	18.62	18.40	19.5	0
10	16QAM	1	0	18.17	18.31	18.26		
10	16QAM	1	25	18.26	18.30	18.30		
10	16QAM	1	49	18.14	18.33	18.13	19.5	0
10	16QAM	25	0	17.90	18.17	18.24		
10	16QAM	25	12	18.06	18.22	18.12		
10	16QAM	25	25	18.10	18.10	17.97	19.5	0
10	16QAM	50	0	18.08	18.35	18.11		
10	64QAM	1	0	18.10	18.22	18.20		
10	64QAM	1	25	18.25	18.14	18.36	19.5	0
10	64QAM	1	49	17.98	18.41	18.11		
10	64QAM	25	0	18.14	18.06	17.98		
10	64QAM	25	12	17.96	18.16	18.09	19.5	0
10	64QAM	25	25	18.02	18.20	18.06		
10	64QAM	50	0	18.11	18.43	18.09		
10	256QAM	1	0	18.14	18.28	18.27	19.5	0
10	256QAM	1	25	18.23	18.31	18.43		
10	256QAM	1	49	18.26	18.26	18.14		
10	256QAM	25	0	18.03	18.16	18.31	19.5	0
10	256QAM	25	12	18.05	18.33	18.07		
10	256QAM	25	25	18.10	18.23	18.06		
10	256QAM	50	0	18.24	18.44	18.10	Tune-up limit (dBm)	MPR (dB)
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5		

5	QPSK	1	0	18.98	18.90	18.74	19.5	0
5	QPSK	1	12	18.59	18.72	18.68		
5	QPSK	1	24	18.54	18.77	18.64		
5	QPSK	12	0	18.41	18.71	18.38	19.5	0
5	QPSK	12	7	18.40	18.63	18.41		
5	QPSK	12	13	18.39	18.54	18.40		
5	QPSK	25	0	18.29	18.60	18.37	19.5	0
5	16QAM	1	0	18.26	18.35	18.41		
5	16QAM	1	12	18.15	18.16	18.31		
5	16QAM	1	24	18.08	18.33	18.03	19.5	0
5	16QAM	12	0	17.93	18.16	18.04		
5	16QAM	12	7	18.10	18.32	18.12		
5	16QAM	12	13	18.18	18.03	17.94	19.5	0
5	16QAM	25	0	18.22	18.22	18.08		
5	64QAM	1	0	18.10	18.26	18.36	19.5	0
5	64QAM	1	12	18.18	18.16	18.33		
5	64QAM	1	24	18.06	18.42	18.16		
5	64QAM	12	0	18.07	18.13	18.10	19.5	0
5	64QAM	12	7	17.97	18.19	18.15		
5	64QAM	12	13	18.06	18.07	17.96		
5	64QAM	25	0	18.05	18.30	18.02	19.5	0
5	256QAM	1	0	18.16	18.34	18.27		
5	256QAM	1	12	18.33	18.28	18.37		
5	256QAM	1	24	18.21	18.40	18.20	19.5	0
5	256QAM	12	0	18.05	18.20	18.18		
5	256QAM	12	7	18.03	18.31	18.11		
5	256QAM	12	13	18.21	18.12	18.14	19.5	0
5	256QAM	25	0	18.09	18.43	18.14		

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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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.64	21.66	21.49	23	0
10	QPSK	1	25	21.65	21.55	21.60		
10	QPSK	1	49	21.57	21.58	21.55		
10	QPSK	25	0	20.56	20.85	20.54	22	1
10	QPSK	25	12	20.66	20.56	20.72		
10	QPSK	25	25	20.78	20.71	20.80		
10	QPSK	50	0	20.58	20.72	20.69	22	1
10	16QAM	1	0	21.10	20.98	21.07		
10	16QAM	1	25	20.95	20.94	20.98		
10	16QAM	1	49	20.93	21.07	21.28	21	2
10	16QAM	25	0	19.85	19.65	19.69		
10	16QAM	25	12	19.62	19.76	19.82		
10	16QAM	25	25	19.83	19.72	19.60	21	2
10	16QAM	50	0	19.60	19.60	19.47		
10	64QAM	1	0	19.82	19.63	19.75		
10	64QAM	1	25	19.83	19.63	19.63	20	3
10	64QAM	1	49	19.70	19.76	19.71		
10	64QAM	25	0	18.93	18.87	18.66		
10	64QAM	25	12	18.74	18.76	18.78	20	3
10	64QAM	25	25	18.93	18.93	18.89		
10	64QAM	50	0	18.69	18.71	18.90		

10	256QAM	1	0	16.74	16.57	16.62	18	5
10	256QAM	1	25	16.82	16.73	16.53		
10	256QAM	1	49	16.61	16.66	16.79		
10	256QAM	25	0	16.63	16.44	16.61	18	5
10	256QAM	25	12	16.61	16.53	16.48		
10	256QAM	25	25	16.60	16.55	16.63		
10	256QAM	50	0	16.59	16.59	16.56		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.55	21.59	21.54	23	0
5	QPSK	1	12	21.70	21.60	21.50		
5	QPSK	1	24	21.57	21.49	21.50		
5	QPSK	12	0	20.64	20.73	20.53	22	1
5	QPSK	12	7	20.53	20.60	20.68		
5	QPSK	12	13	20.71	20.63	20.79		
5	QPSK	25	0	20.44	20.80	20.77		
5	16QAM	1	0	21.16	21.02	20.97	22	1
5	16QAM	1	12	20.90	21.00	21.01		
5	16QAM	1	24	21.00	21.08	21.23		
5	16QAM	12	0	19.80	19.59	19.56	21	2
5	16QAM	12	7	19.58	19.76	19.74		
5	16QAM	12	13	19.70	19.64	19.47		
5	16QAM	25	0	19.48	19.47	19.35		
5	64QAM	1	0	19.79	19.56	19.80	21	2
5	64QAM	1	12	19.84	19.60	19.59		
5	64QAM	1	24	19.61	19.77	19.81		
5	64QAM	12	0	18.80	18.77	18.74	20	3
5	64QAM	12	7	18.68	18.70	18.88		
5	64QAM	12	13	18.89	18.88	18.98		
5	64QAM	25	0	18.61	18.66	18.85		
5	256QAM	1	0	16.68	16.50	16.70	18	5
5	256QAM	1	12	16.68	16.79	16.46		
5	256QAM	1	24	16.51	16.69	16.85		
5	256QAM	12	0	16.71	16.43	16.70	18	5
5	256QAM	12	7	16.59	16.51	16.42		
5	256QAM	12	13	16.52	16.42	16.60		
5	256QAM	25	0	16.51	16.63	16.50		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.61	21.73	21.55	23	0
3	QPSK	1	8	21.58	21.47	21.69		
3	QPSK	1	14	21.64	21.50	21.64		
3	QPSK	8	0	20.61	20.88	20.60	22	1
3	QPSK	8	4	20.53	20.54	20.62		
3	QPSK	8	7	20.78	20.77	20.74		
3	QPSK	15	0	20.63	20.76	20.66		
3	16QAM	1	0	21.11	21.04	20.93	22	1
3	16QAM	1	8	20.97	21.02	20.88		
3	16QAM	1	14	20.85	21.12	21.14		
3	16QAM	8	0	19.94	19.65	19.75	21	2
3	16QAM	8	4	19.56	19.77	19.91		
3	16QAM	8	7	19.81	19.66	19.49		
3	16QAM	15	0	19.65	19.54	19.50		
3	64QAM	1	0	19.89	19.65	19.66	21	2
3	64QAM	1	8	19.76	19.73	19.70		

3	64QAM	1	14	19.73	19.71	19.81		
3	64QAM	8	0	18.79	18.73	18.63	20	3
3	64QAM	8	4	18.79	18.72	18.82		
3	64QAM	8	7	18.83	19.02	18.79		
3	64QAM	15	0	18.72	18.72	18.78		
3	256QAM	1	0	16.78	16.56	16.66	18	5
3	256QAM	1	8	16.78	16.67	16.46		
3	256QAM	1	14	16.71	16.58	16.69		
3	256QAM	8	0	16.60	16.45	16.52	18	5
3	256QAM	8	4	16.67	16.50	16.45		
3	256QAM	8	7	16.64	16.62	16.52		
3	256QAM	15	0	16.55	16.54	16.52		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.51	21.58	21.47	23	0
1.4	QPSK	1	3	21.60	21.46	21.43		
1.4	QPSK	1	5	21.60	21.43	21.45		
1.4	QPSK	3	0	21.43	21.68	21.45		
1.4	QPSK	3	1	21.46	21.53	21.52		
1.4	QPSK	3	3	21.39	21.41	21.50		
1.4	QPSK	6	0	20.42	20.48	20.49	22	1
1.4	16QAM	1	0	20.67	20.42	20.52	22	1
1.4	16QAM	1	3	20.83	20.76	20.72		
1.4	16QAM	1	5	20.46	20.51	20.69		
1.4	16QAM	3	0	21.13	21.09	20.96		
1.4	16QAM	3	1	21.00	20.91	21.03		
1.4	16QAM	3	3	20.89	21.06	21.16		
1.4	16QAM	6	0	19.55	19.57	19.70	21	2
1.4	64QAM	1	0	19.67	19.60	19.70	21	2
1.4	64QAM	1	3	19.57	19.60	19.58		
1.4	64QAM	1	5	19.49	19.38	19.38		
1.4	64QAM	3	0	19.58	19.53	19.70		
1.4	64QAM	3	1	19.65	19.58	19.71		
1.4	64QAM	3	3	19.63	19.56	19.66		
1.4	64QAM	6	0	19.34	19.54	19.48	20	3
1.4	256QAM	1	0	16.61	16.59	16.49	18	5
1.4	256QAM	1	3	16.60	16.55	16.44		
1.4	256QAM	1	5	16.56	16.60	16.44		
1.4	256QAM	3	0	16.69	16.59	16.46		
1.4	256QAM	3	1	16.47	16.45	16.40		
1.4	256QAM	3	3	16.58	16.55	16.60		
1.4	256QAM	6	0	16.50	16.60	16.65	18	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				23230				
Frequency (MHz)				782				
10	QPSK	1	0		21.77		23	0
10	QPSK	1	25		21.51			
10	QPSK	1	49		21.64			
10	QPSK	25	0		20.75		22	1
10	QPSK	25	12		20.70			
10	QPSK	25	25		20.71			

10	QPSK	50	0		20.73			
10	16QAM	1	0		21.07			
10	16QAM	1	25		21.20		22	1
10	16QAM	1	49		21.05			
10	16QAM	25	0		19.67			
10	16QAM	25	12		19.73		21	2
10	16QAM	25	25		19.63			
10	16QAM	50	0		19.67			
10	64QAM	1	0		19.69			
10	64QAM	1	25		19.71		21	2
10	64QAM	1	49		19.70			
10	64QAM	25	0		18.84			
10	64QAM	25	12		18.67		20	3
10	64QAM	25	25		18.84			
10	64QAM	50	0		18.76			
10	256QAM	1	0		16.59			
10	256QAM	1	25		16.61		18	5
10	256QAM	1	49		16.70			
10	256QAM	25	0		16.66			
10	256QAM	25	12		16.60		18	5
10	256QAM	25	25		16.52			
10	256QAM	50	0		16.63			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.60	21.68	21.57		
5	QPSK	1	12	21.75	21.56	21.61	23	0
5	QPSK	1	24	21.45	21.64	21.53		
5	QPSK	12	0	20.82	21.02	20.52		
5	QPSK	12	7	20.72	20.75	20.63	22	1
5	QPSK	12	13	20.94	20.85	20.76		
5	QPSK	25	0	20.80	20.82	20.59		
5	16QAM	1	0	21.19	20.99	21.00		
5	16QAM	1	12	20.97	21.06	21.08	22	1
5	16QAM	1	24	20.95	21.00	21.20		
5	16QAM	12	0	19.89	19.72	19.70		
5	16QAM	12	7	19.78	19.72	19.72	21	2
5	16QAM	12	13	19.72	19.86	19.81		
5	16QAM	25	0	19.70	19.61	19.54		
5	64QAM	1	0	19.70	19.65	19.70		
5	64QAM	1	12	19.72	19.87	19.62	21	2
5	64QAM	1	24	19.66	19.82	19.64		
5	64QAM	12	0	18.92	18.74	18.76		
5	64QAM	12	7	18.75	18.69	18.98	20	3
5	64QAM	12	13	18.84	18.74	18.84		
5	64QAM	25	0	18.60	18.87	18.72		
5	256QAM	1	0	16.70	16.62	16.64		
5	256QAM	1	12	16.72	16.77	16.66	18	5
5	256QAM	1	24	16.47	16.64	16.79		
5	256QAM	12	0	16.64	16.65	16.70		
5	256QAM	12	7	16.64	16.70	16.58	18	5
5	256QAM	12	13	16.67	16.68	16.53		
5	256QAM	25	0	16.59	16.61	16.79		

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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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.58	21.78	21.76	23	0
10	QPSK	1	25	21.57	21.56	21.55		
10	QPSK	1	49	21.69	21.68	21.49		
10	QPSK	25	0	20.82	20.85	20.70	22	1
10	QPSK	25	12	20.84	20.81	20.75		
10	QPSK	25	25	20.53	20.75	20.74		
10	QPSK	50	0	20.70	20.81	20.80	22	1
10	16QAM	1	0	21.07	21.08	21.17		
10	16QAM	1	25	21.10	21.08	21.14		
10	16QAM	1	49	21.21	21.08	21.30	21	2
10	16QAM	25	0	19.91	20.01	19.74		
10	16QAM	25	12	19.78	19.93	19.87		
10	16QAM	25	25	19.89	19.88	19.72	21	2
10	16QAM	50	0	19.75	19.75	19.68		
10	64QAM	1	0	19.98	19.84	19.91		
10	64QAM	1	25	19.86	19.81	19.68	21	2
10	64QAM	1	49	19.82	19.70	19.76		
10	64QAM	25	0	18.99	18.81	18.68	20	3
10	64QAM	25	12	18.91	18.80	18.97		
10	64QAM	25	25	18.87	18.89	18.83		
10	64QAM	50	0	18.84	18.91	19.02	18	5
10	256QAM	1	0	16.64	16.63	16.74		
10	256QAM	1	25	16.86	16.80	16.66		
10	256QAM	1	49	16.72	16.67	16.86	18	5
10	256QAM	25	0	16.74	16.67	16.88		
10	256QAM	25	12	16.77	16.72	16.62		
10	256QAM	25	25	16.60	16.72	16.56	18	5
10	256QAM	50	0	16.68	16.74	16.67		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.63	21.72	21.70	23	0
5	QPSK	1	12	21.66	21.68	21.72		
5	QPSK	1	24	21.60	21.74	21.55		
5	QPSK	12	0	20.76	21.02	20.73	22	1
5	QPSK	12	7	20.81	20.85	20.92		
5	QPSK	12	13	20.72	20.80	20.78		
5	QPSK	25	0	20.89	20.91	20.80	22	1
5	16QAM	1	0	21.22	21.23	21.03		
5	16QAM	1	12	20.95	21.12	21.09		
5	16QAM	1	24	21.29	21.12	21.37	21	2
5	16QAM	12	0	20.02	19.88	19.65		
5	16QAM	12	7	19.73	19.76	19.74		
5	16QAM	12	13	19.95	19.83	19.93	21	2
5	16QAM	25	0	19.70	19.82	19.68		
5	64QAM	1	0	19.78	19.77	19.79		
5	64QAM	1	12	19.82	19.70	19.68	21	2
5	64QAM	1	24	19.86	19.85	19.75		
5	64QAM	12	0	19.05	18.91	18.87		
5	64QAM	12	7	18.94	18.86	18.85	20	3
5	64QAM	12	13	18.90	18.94	18.94		

5	64QAM	25	0	18.94	18.95	18.99		
5	256QAM	1	0	16.66	16.54	16.79	18	5
5	256QAM	1	12	16.86	16.85	16.81		
5	256QAM	1	24	16.59	16.66	16.90		
5	256QAM	12	0	16.91	16.62	16.86	18	5
5	256QAM	12	7	16.77	16.88	16.72		
5	256QAM	12	13	16.72	16.67	16.65		
5	256QAM	25	0	16.68	16.92	16.67		

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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				26765	26865	26965	23	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.36	21.64	21.34		
15	QPSK	1	37	21.45	21.44	21.34	22	1
15	QPSK	1	74	21.53	21.48	21.27		
15	QPSK	36	0	20.49	20.68	20.37		
15	QPSK	36	20	20.40	20.53	20.35		
15	QPSK	36	39	20.66	20.65	20.56	22	1
15	QPSK	75	0	20.48	20.68	20.43		
15	16QAM	1	0	20.79	20.93	20.79		
15	16QAM	1	37	20.80	20.96	20.99		
15	16QAM	1	74	21.01	20.82	20.91	21	2
15	16QAM	36	0	19.61	19.57	19.39		
15	16QAM	36	20	19.52	19.65	19.56		
15	16QAM	36	39	19.64	19.59	19.51		
15	16QAM	75	0	19.41	19.50	19.42	21	2
15	64QAM	1	0	19.62	19.67	19.50		
15	64QAM	1	37	19.66	19.65	19.50		
15	64QAM	1	74	19.42	19.48	19.45		
15	64QAM	36	0	18.66	18.63	18.58	20	3
15	64QAM	36	20	18.45	18.63	18.61		
15	64QAM	36	39	18.74	18.57	18.69		
15	64QAM	75	0	18.45	18.59	18.54		
15	256QAM	1	0	16.38	16.19	16.52	18	5
15	256QAM	1	37	16.62	16.39	16.41		
15	256QAM	1	74	16.34	16.34	16.48		
15	256QAM	36	0	16.49	16.52	16.33	18	5
15	256QAM	36	20	16.38	16.29	16.52		
15	256QAM	36	39	16.34	16.43	16.43		
15	256QAM	75	0	16.39	16.46	16.33		
Channel				26740	26865	26990	23	0
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.24	21.43	21.28		
10	QPSK	1	25	21.55	21.47	21.36	22	1
10	QPSK	1	49	21.36	21.33	21.33		
10	QPSK	25	0	20.52	20.63	20.45		
10	QPSK	25	12	20.52	20.48	20.49		
10	QPSK	25	25	20.69	20.57	20.54	22	1
10	QPSK	50	0	20.54	20.69	20.51		
10	16QAM	1	0	20.91	20.75	20.80		
10	16QAM	1	25	20.90	20.85	21.05		
10	16QAM	1	49	21.00	20.83	20.98		

10	16QAM	25	0	19.79	19.55	19.50	21	2
10	16QAM	25	12	19.51	19.48	19.53		
10	16QAM	25	25	19.67	19.57	19.51		
10	16QAM	50	0	19.45	19.56	19.46		
10	64QAM	1	0	19.48	19.56	19.44	21	2
10	64QAM	1	25	19.52	19.45	19.59		
10	64QAM	1	49	19.52	19.39	19.43		
10	64QAM	25	0	18.61	18.55	18.66	20	3
10	64QAM	25	12	18.47	18.54	18.61		
10	64QAM	25	25	18.72	18.60	18.58		
10	64QAM	50	0	18.46	18.58	18.68		
10	256QAM	1	0	16.53	16.37	16.45	18	5
10	256QAM	1	25	16.47	16.58	16.37		
10	256QAM	1	49	16.27	16.31	16.56		
10	256QAM	25	0	16.48	16.41	16.33	18	5
10	256QAM	25	12	16.41	16.32	16.50		
10	256QAM	25	25	16.53	16.43	16.48		
10	256QAM	50	0	16.33	16.50	16.50		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.37	21.43	21.35	23	0
5	QPSK	1	12	21.41	21.39	21.35		
5	QPSK	1	24	21.58	21.42	21.30		
5	QPSK	12	0	20.64	20.62	20.48	22	1
5	QPSK	12	7	20.59	20.46	20.36		
5	QPSK	12	13	20.62	20.63	20.36		
5	QPSK	25	0	20.46	20.55	20.36		
5	16QAM	1	0	20.85	20.91	20.83	22	1
5	16QAM	1	12	20.81	20.95	20.98		
5	16QAM	1	24	20.97	20.94	21.01		
5	16QAM	12	0	19.67	19.66	19.53	21	2
5	16QAM	12	7	19.42	19.58	19.73		
5	16QAM	12	13	19.47	19.58	19.48		
5	16QAM	25	0	19.34	19.57	19.47		
5	64QAM	1	0	19.55	19.69	19.45	21	2
5	64QAM	1	12	19.69	19.63	19.52		
5	64QAM	1	24	19.58	19.39	19.56		
5	64QAM	12	0	18.78	18.44	18.65	20	3
5	64QAM	12	7	18.53	18.64	18.71		
5	64QAM	12	13	18.75	18.58	18.57		
5	64QAM	25	0	18.39	18.70	18.64		
5	256QAM	1	0	16.35	16.35	16.42	18	5
5	256QAM	1	12	16.58	16.55	16.48		
5	256QAM	1	24	16.20	16.31	16.61		
5	256QAM	12	0	16.55	16.37	16.34	18	5
5	256QAM	12	7	16.47	16.40	16.36		
5	256QAM	12	13	16.30	16.40	16.32		
5	256QAM	25	0	16.42	16.50	16.39		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.31	21.49	21.48	23	0
3	QPSK	1	8	21.44	21.36	21.35		
3	QPSK	1	14	21.43	21.39	21.26		
3	QPSK	8	0	20.57	20.70	20.48	22	1
3	QPSK	8	4	20.52	20.50	20.41		