Band 12 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.96	23.05	23.03	24	0
10	QPSK	1	25	22.92	22.96	22.89		
10	QPSK	1	49	22.88	22.96	22.89		
10	QPSK	25	0	21.74	21.86	21.63	23	1
10	QPSK	25	12	21.83	21.82	21.84		
10	QPSK	25	25	21.68	21.72	21.70		
10	QPSK	50	0	21.77	21.78	21.68		
10	16QAM	1	0	21.85	21.89	21.89	23	1
10	16QAM	1	25	21.78	21.82	21.71		
10	16QAM	1	49	21.91	21.90	21.86		
10	16QAM	25	0	20.65	20.75	20.54	22	2
10	16QAM	25	12	20.71	20.70	20.79		
10	16QAM	25	25	20.75	20.79	20.79		
10	16QAM	50	0	20.75	20.76	20.66		
10	64QAM	1	0	20.84	20.79	20.82	22	2
10	64QAM	1	25	20.87	20.83	20.85		
10	64QAM	1	49	20.76	20.77	20.79		
10	64QAM	25	0	19.61	19.72	19.53	21	3
10	64QAM	25	12	19.64	19.63	19.62		
10	64QAM	25	25	19.70	19.69	19.64		
10	64QAM	50	0	19.82	19.75	19.90		
10	256QAM	1	0	17.95	17.99	17.84	19	5
10	256QAM	1	25	17.87	17.89	17.91		
10	256QAM	1	49	17.96	17.98	17.90		
10	256QAM	25	0	17.86	17.82	17.86	19	5
10	256QAM	25	12	17.81	17.87	17.74		
10	256QAM	25	25	17.85	17.77	17.74		
10	256QAM	50	0	17.77	17.75	17.84		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.78	22.96	22.87	24	0
5	QPSK	1	12	22.83	22.93	22.73		
5	QPSK	1	24	22.76	22.95	22.80		
5	QPSK	12	0	21.68	21.83	21.50	23	1
5	QPSK	12	7	21.68	21.69	21.69		
5	QPSK	12	13	21.58	21.58	21.60		
5	QPSK	25	0	21.64	21.66	21.55		
5	16QAM	1	0	21.69	21.71	21.74	23	1
5	16QAM	1	12	21.73	21.73	21.62		
5	16QAM	1	24	21.77	21.82	21.76		
5	16QAM	12	0	20.50	20.71	20.41	22	2
5	16QAM	12	7	20.52	20.56	20.64		
5	16QAM	12	13	20.56	20.60	20.64		
5	16QAM	25	0	20.67	20.75	20.50		
5	64QAM	1	0	20.64	20.76	20.72	22	2
5	64QAM	1	12	20.75	20.70	20.84		
5	64QAM	1	24	20.66	20.73	20.63		
5	64QAM	12	0	19.57	19.64	19.48	21	3
5	64QAM	12	7	19.62	19.45	19.56		
5	64QAM	12	13	19.62	19.57	19.63		
5	64QAM	25	0	19.65	19.66	19.72		
5	256QAM	1	0	17.77	17.83	17.79	19	5
5	256QAM	1	12	17.81	17.72	17.90		
5	256QAM	1	24	17.90	17.95	17.87		
5	256QAM	12	0	17.70	17.69	17.80	19	5
5	256QAM	12	7	17.67	17.72	17.56		
5	256QAM	12	13	17.81	17.66	17.60		
5	256QAM	25	0	17.75	17.71	17.65		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.81	22.87	22.96	24	0
3	QPSK	1	8	22.92	22.84	22.89		
3	QPSK	1	14	22.78	22.80	22.77		
3	QPSK	8	0	21.66	21.83	21.63	23	1
3	QPSK	8	4	21.66	21.73	21.67		
3	QPSK	8	7	21.58	21.58	21.69		
3	QPSK	15	0	21.74	21.65	21.50		
3	16QAM	1	0	21.74	21.75	21.69	23	1
3	16QAM	1	8	21.60	21.72	21.69		
3	16QAM	1	14	21.78	21.89	21.86		
3	16QAM	8	0	20.65	20.67	20.35	22	2
3	16QAM	8	4	20.68	20.61	20.65		
3	16QAM	8	7	20.72	20.67	20.62		
3	16QAM	15	0	20.63	20.64	20.52		
3	64QAM	1	0	20.81	20.77	20.76	22	2
3	64QAM	1	8	20.73	20.82	20.75		
3	64QAM	1	14	20.71	20.71	20.77		
3	64QAM	8	0	19.43	19.54	19.33	21	3
3	64QAM	8	4	19.49	19.56	19.59		
3	64QAM	8	7	19.50	19.58	19.56		
3	64QAM	15	0	19.75	19.74	19.87		
3	256QAM	1	0	17.92	17.96	17.82	19	5
3	256QAM	1	8	17.80	17.70	17.83		
3	256QAM	1	14	17.87	17.85	17.71		
3	256QAM	8	0	17.78	17.77	17.71	19	5
3	256QAM	8	4	17.79	17.81	17.59		
3	256QAM	8	7	17.82	17.65	17.64		
3	256QAM	15	0	17.60	17.73	17.72		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.88	22.99	22.92	24	0
1.4	QPSK	1	3	22.82	22.94	22.75		
1.4	QPSK	1	5	22.83	22.94	22.70		
1.4	QPSK	3	0	22.78	22.93	22.84		
1.4	QPSK	3	1	22.78	22.80	22.85		
1.4	QPSK	3	3	22.78	22.92	22.76		
1.4	QPSK	6	0	21.70	21.72	21.63	23	1
1.4	16QAM	1	0	21.74	21.69	21.79	23	1
1.4	16QAM	1	3	21.56	21.69	21.55		
1.4	16QAM	1	5	21.68	21.60	21.67		
1.4	16QAM	3	0	21.72	21.87	21.87		
1.4	16QAM	3	1	21.71	21.80	21.56		
1.4	16QAM	3	3	21.72	21.83	21.81		
1.4	16QAM	6	0	20.59	20.68	20.46	22	2
1.4	64QAM	1	0	20.62	20.51	20.59	22	2
1.4	64QAM	1	3	20.67	20.63	20.71		
1.4	64QAM	1	5	20.66	20.64	20.58		
1.4	64QAM	3	0	20.67	20.60	20.69		
1.4	64QAM	3	1	20.84	20.77	20.67		
1.4	64QAM	3	3	20.60	20.65	20.59		
1.4	64QAM	6	0	19.47	19.48	19.40	21	3
1.4	256QAM	1	0	17.79	17.80	17.69	19	5
1.4	256QAM	1	3	17.71	17.79	17.76		
1.4	256QAM	1	5	17.94	17.86	17.71		
1.4	256QAM	3	0	17.66	17.73	17.73		
1.4	256QAM	3	1	17.81	17.78	17.67		
1.4	256QAM	3	3	17.76	17.70	17.66		
1.4	256QAM	6	0	17.76	17.67	17.75	19	5

Band 12 Ant 0 DSI7 sig path：300

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.22	23.24	23.17	24	0
10	QPSK	1	25	23.15	23.18	23.05		
10	QPSK	1	49	22.99	23.11	23.10		
10	QPSK	25	0	21.93	22.06	21.96	23	1
10	QPSK	25	12	21.90	21.91	22.01		
10	QPSK	25	25	21.87	21.83	21.93		
10	QPSK	50	0	21.87	21.98	21.87		
10	16QAM	1	0	22.08	21.99	21.98	23	1
10	16QAM	1	25	21.94	21.99	21.87		
10	16QAM	1	49	22.06	22.01	22.08		
10	16QAM	25	0	20.84	20.88	20.64	22	2
10	16QAM	25	12	20.81	20.90	20.95		
10	16QAM	25	25	20.93	20.98	20.89		
10	16QAM	50	0	20.92	20.96	20.82		
10	64QAM	1	0	21.02	20.90	20.95	22	2
10	64QAM	1	25	21.07	20.98	21.07		
10	64QAM	1	49	20.90	20.89	20.89		
10	64QAM	25	0	19.68	19.92	19.69	21	3
10	64QAM	25	12	19.81	19.80	19.82		
10	64QAM	25	25	19.88	19.91	19.76		
10	64QAM	50	0	19.89	19.88	20.12		
10	256QAM	1	0	18.13	18.22	17.97	19	5
10	256QAM	1	25	18.00	18.07	18.00		
10	256QAM	1	49	18.15	18.10	18.01		
10	256QAM	25	0	18.01	17.91	17.96	19	5
10	256QAM	25	12	18.02	18.03	17.85		
10	256QAM	25	25	17.95	17.91	17.90		
10	256QAM	50	0	17.96	17.87	18.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.16	23.18	23.12	24	0
5	QPSK	1	12	23.13	23.14	23.01		
5	QPSK	1	24	22.94	22.96	22.97		
5	QPSK	12	0	21.91	21.98	21.86	23	1
5	QPSK	12	7	21.82	21.76	21.96		
5	QPSK	12	13	21.71	21.80	21.85		
5	QPSK	25	0	21.83	21.84	21.78		
5	16QAM	1	0	22.03	21.87	21.81	23	1
5	16QAM	1	12	21.86	21.82	21.84		
5	16QAM	1	24	21.99	21.85	22.00		
5	16QAM	12	0	20.77	20.77	20.47	22	2
5	16QAM	12	7	20.66	20.87	20.90		
5	16QAM	12	13	20.86	20.84	20.81		
5	16QAM	25	0	20.81	20.85	20.79		
5	64QAM	1	0	20.97	20.75	20.88	22	2
5	64QAM	1	12	21.01	20.86	20.99		
5	64QAM	1	24	20.76	20.82	20.76		
5	64QAM	12	0	19.54	19.86	19.60	21	3
5	64QAM	12	7	19.68	19.74	19.70		
5	64QAM	12	13	19.70	19.83	19.70		
5	64QAM	25	0	19.75	19.75	19.98		
5	256QAM	1	0	18.07	18.16	17.92	19	5
5	256QAM	1	12	18.07	18.03	17.84		
5	256QAM	1	24	18.01	17.98	17.92		
5	256QAM	12	0	17.94	17.79	17.92	19	5
5	256QAM	12	7	17.95	17.95	17.69		
5	256QAM	12	13	17.85	17.73	17.87		
5	256QAM	25	0	17.83	17.75	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.06	23.07	23.12	24	0
3	QPSK	1	8	22.98	23.16	22.93		
3	QPSK	1	14	22.91	23.00	22.94		
3	QPSK	8	0	21.88	21.90	21.79	23	1
3	QPSK	8	4	21.86	21.79	21.87		
3	QPSK	8	7	21.80	21.69	21.84		
3	QPSK	15	0	21.77	21.81	21.73		
3	16QAM	1	0	21.92	21.88	21.82	23	1
3	16QAM	1	8	21.83	21.94	21.71		
3	16QAM	1	14	21.97	21.89	21.90		
3	16QAM	8	0	20.72	20.76	20.60	22	2
3	16QAM	8	4	20.71	20.81	20.89		
3	16QAM	8	7	20.85	20.90	20.72		
3	16QAM	15	0	20.80	20.92	20.67		
3	64QAM	1	0	21.00	20.85	20.89	22	2
3	64QAM	1	8	20.91	20.81	20.91		
3	64QAM	1	14	20.86	20.74	20.74		
3	64QAM	8	0	19.63	19.79	19.62	21	3
3	64QAM	8	4	19.75	19.71	19.72		
3	64QAM	8	7	19.80	19.89	19.74		
3	64QAM	15	0	19.73	19.81	20.04		
3	256QAM	1	0	18.00	18.10	17.90	19	5
3	256QAM	1	8	17.83	17.98	17.92		
3	256QAM	1	14	18.02	17.92	17.89		
3	256QAM	8	0	17.83	17.83	17.91	19	5
3	256QAM	8	4	17.97	17.94	17.74		
3	256QAM	8	7	17.92	17.86	17.80		
3	256QAM	15	0	17.87	17.80	18.01		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.06	23.19	23.13	24	0
1.4	QPSK	1	3	23.00	23.06	22.98		
1.4	QPSK	1	5	23.03	23.04	22.90		
1.4	QPSK	3	0	22.91	23.05	23.05		
1.4	QPSK	3	1	22.93	22.97	23.05		
1.4	QPSK	3	3	22.89	23.02	22.87		
1.4	QPSK	6	0	21.79	21.81	21.79	23	1
1.4	16QAM	1	0	21.96	21.93	21.88	23	1
1.4	16QAM	1	3	21.73	21.90	21.74		
1.4	16QAM	1	5	21.77	21.74	21.82		
1.4	16QAM	3	0	21.84	22.09	22.03		
1.4	16QAM	3	1	21.82	21.98	21.68		
1.4	16QAM	3	3	21.93	21.98	21.92		
1.4	16QAM	6	0	20.81	20.89	20.60	22	2
1.4	64QAM	1	0	20.74	20.69	20.69	22	2
1.4	64QAM	1	3	20.80	20.77	20.86		
1.4	64QAM	1	5	20.76	20.86	20.77		
1.4	64QAM	3	0	20.83	20.80	20.91		
1.4	64QAM	3	1	20.99	20.95	20.86		
1.4	64QAM	3	3	20.73	20.82	20.82		
1.4	64QAM	6	0	19.55	19.71	19.56	21	3
1.4	256QAM	1	0	17.90	18.00	17.87	19	5
1.4	256QAM	1	3	17.88	17.95	17.91		
1.4	256QAM	1	5	18.17	18.03	17.84		
1.4	256QAM	3	0	17.84	17.96	17.87		
1.4	256QAM	3	1	17.95	18.00	17.88		
1.4	256QAM	3	3	17.98	17.88	17.85		
1.4	256QAM	6	0	17.89	17.76	17.97	19	5

Band 13 Ant 0 DSI7

BW [MHz]	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		22.53		23.5	0
10	QPSK	1	25		22.41			
10	QPSK	1	49		22.34			
10	QPSK	25	0		21.88		23	0.5
10	QPSK	25	12		21.83			
10	QPSK	25	25		21.85			
10	QPSK	50	0		21.81			
10	16QAM	1	0		21.89		23	0.5
10	16QAM	1	25		21.77			
10	16QAM	1	49		21.92			
10	16QAM	25	0		20.72		22	1.5
10	16QAM	25	12		20.65			
10	16QAM	25	25		20.60			
10	16QAM	50	0		20.86			
10	64QAM	1	0		20.91		22	1.5
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.87			
10	64QAM	25	0		19.82		21	2.5
10	64QAM	25	12		19.73			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.84			
10	256QAM	1	0		17.97		19	4.5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.97			
10	256QAM	25	0		17.87		19	4.5
10	256QAM	25	12		17.83			
10	256QAM	25	25		17.79			
10	256QAM	50	0		17.83			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.35	22.46	22.28	23.5	0
5	QPSK	1	12	22.40	22.29	22.27		
5	QPSK	1	24	22.25	22.20	22.28		
5	QPSK	12	0	21.77	21.73	21.75	23	0.5
5	QPSK	12	7	21.69	21.73	21.77		
5	QPSK	12	13	21.74	21.80	21.71		
5	QPSK	25	0	21.68	21.67	21.70		
5	16QAM	1	0	21.79	21.84	21.80	23	0.5
5	16QAM	1	12	21.62	21.72	21.65		
5	16QAM	1	24	21.85	21.82	21.86		
5	16QAM	12	0	20.63	20.58	20.61	22	1.5
5	16QAM	12	7	20.58	20.51	20.54		
5	16QAM	12	13	20.46	20.47	20.47		
5	16QAM	25	0	20.72	20.81	20.71		
5	64QAM	1	0	20.83	20.83	20.83	22	1.5
5	64QAM	1	12	20.77	20.78	20.70		
5	64QAM	1	24	20.72	20.77	20.74		
5	64QAM	12	0	19.74	19.69	19.70	21	2.5
5	64QAM	12	7	19.59	19.63	19.67		
5	64QAM	12	13	19.71	19.67	19.66		
5	64QAM	25	0	19.77	19.77	19.74		
5	256QAM	1	0	17.85	17.92	17.82	19	4.5
5	256QAM	1	12	17.79	17.81	17.81		
5	256QAM	1	24	17.83	17.90	17.89		
5	256QAM	12	0	17.80	17.81	17.78	19	4.5
5	256QAM	12	7	17.73	17.69	17.69		
5	256QAM	12	13	17.75	17.72	17.71		
5	256QAM	25	0	17.79	17.75	17.78		

Band 13 Ant 0 DSI7 sig path：378

BW [MHz]	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		22.44		23.5	0
10	QPSK	1	25		22.38			
10	QPSK	1	49		22.20			
10	QPSK	25	0		21.88		23	0.5
10	QPSK	25	12		21.73			
10	QPSK	25	25		21.83			
10	QPSK	50	0		21.85			
10	16QAM	1	0		21.83		23	0.5
10	16QAM	1	25		21.65			
10	16QAM	1	49		21.85			
10	16QAM	25	0		20.68		22	1.5
10	16QAM	25	12		20.56			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.72			
10	64QAM	1	0		20.86		22	1.5
10	64QAM	1	25		20.83			
10	64QAM	1	49		20.79			
10	64QAM	25	0		19.79		21	2.5
10	64QAM	25	12		19.60			
10	64QAM	25	25		19.66			
10	64QAM	50	0		19.78			
10	256QAM	1	0		17.83		19	4.5
10	256QAM	1	25		17.84			
10	256QAM	1	49		17.88			
10	256QAM	25	0		17.75		19	4.5
10	256QAM	25	12		17.74			
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.75			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.34	22.28	22.32	23.5	0
5	QPSK	1	12	22.15	22.30	22.28		
5	QPSK	1	24	22.12	22.15	22.14		
5	QPSK	12	0	21.77	21.84	21.80	23	0.5
5	QPSK	12	7	21.64	21.61	21.68		
5	QPSK	12	13	21.77	21.76	21.78		
5	QPSK	25	0	21.78	21.76	21.74		
5	16QAM	1	0	21.77	21.70	21.67	23	0.5
5	16QAM	1	12	21.50	21.60	21.59		
5	16QAM	1	24	21.71	21.71	21.75		
5	16QAM	12	0	20.56	20.63	20.60	22	1.5
5	16QAM	12	7	20.52	20.46	20.43		
5	16QAM	12	13	20.45	20.42	20.51		
5	16QAM	25	0	20.63	20.65	20.63		
5	64QAM	1	0	20.77	20.75	20.81	22	1.5
5	64QAM	1	12	20.76	20.76	20.73		
5	64QAM	1	24	20.69	20.71	20.69		
5	64QAM	12	0	19.73	19.71	19.70	21	2.5
5	64QAM	12	7	19.50	19.51	19.48		
5	64QAM	12	13	19.59	19.51	19.52		
5	64QAM	25	0	19.74	19.71	19.71		
5	256QAM	1	0	17.69	17.72	17.70	19	4.5
5	256QAM	1	12	17.73	17.69	17.69		
5	256QAM	1	24	17.82	17.82	17.76		
5	256QAM	12	0	17.68	17.63	17.67	19	4.5
5	256QAM	12	7	17.64	17.64	17.67		
5	256QAM	12	13	17.61	17.53	17.64		
5	256QAM	25	0	17.63	17.67	17.59		

Band 14 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.51		22.5	0
10	QPSK	1	25		21.45			
10	QPSK	1	49		21.46			
10	QPSK	25	0		21.33		22.5	0
10	QPSK	25	12		21.21			
10	QPSK	25	25		21.15			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.48		22.5	0
10	16QAM	1	25		21.47			
10	16QAM	1	49		21.50			
10	16QAM	25	0		20.90		22	0.5
10	16QAM	25	12		20.95			
10	16QAM	25	25		20.77			
10	16QAM	50	0		20.88			
10	64QAM	1	0		21.10		22	0.5
10	64QAM	1	25		21.13			
10	64QAM	1	49		21.02			
10	64QAM	25	0		19.87		21	1.5
10	64QAM	25	12		19.81			
10	64QAM	25	25		19.91			
10	64QAM	50	0		19.89			
10	256QAM	1	0		17.98		19	3.5
10	256QAM	1	25		17.95			
10	256QAM	1	49		17.96			
10	256QAM	25	0		17.89		19	3.5
10	256QAM	25	12		17.76			
10	256QAM	25	25		17.90			
10	256QAM	50	0		17.92			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.24	21.35	21.36	22.5	0
5	QPSK	1	12	21.27	21.41	21.31		
5	QPSK	1	24	21.28	21.15	21.25		
5	QPSK	12	0	21.09	21.18	21.19	22.5	0
5	QPSK	12	7	21.04	21.16	21.08		
5	QPSK	12	13	21.02	21.01	21.01		
5	QPSK	25	0	21.12	21.22	21.12		
5	16QAM	1	0	21.33	21.38	21.40	22.5	0
5	16QAM	1	12	21.25	21.26	20.95		
5	16QAM	1	24	21.31	21.32	21.33		
5	16QAM	12	0	20.82	20.80	20.76	22	0.5
5	16QAM	12	7	20.83	20.86	20.79		
5	16QAM	12	13	20.66	20.71	20.68		
5	16QAM	25	0	20.76	20.73	20.73		
5	64QAM	1	0	20.99	21.04	21.03	22	0.5
5	64QAM	1	12	20.99	20.99	21.08		
5	64QAM	1	24	20.98	20.97	20.97		
5	64QAM	12	0	19.72	19.73	19.72	21	1.5
5	64QAM	12	7	19.70	19.68	19.69		
5	64QAM	12	13	19.77	19.83	19.83		
5	64QAM	25	0	19.80	19.85	19.82		
5	256QAM	1	0	17.85	17.83	17.93	19	3.5
5	256QAM	1	12	17.83	17.89	17.82		
5	256QAM	1	24	17.82	17.92	17.87		
5	256QAM	12	0	17.79	17.77	17.78	19	3.5
5	256QAM	12	7	17.70	17.62	17.60		
5	256QAM	12	13	17.75	17.76	17.81		
5	256QAM	25	0	17.77	17.84	17.87		

Band 14 Ant 0 DSI7 sig path：381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.54		22.5	0
10	QPSK	1	25		21.42			
10	QPSK	1	49		21.49			
10	QPSK	25	0		21.31		22.5	0
10	QPSK	25	12		21.22			
10	QPSK	25	25		21.10			
10	QPSK	50	0		21.37			
10	16QAM	1	0		21.49		22.5	0
10	16QAM	1	25		21.45			
10	16QAM	1	49		21.49			
10	16QAM	25	0		20.77		22	0.5
10	16QAM	25	12		20.92			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.77			
10	64QAM	1	0		21.04		22	0.5
10	64QAM	1	25		21.06			
10	64QAM	1	49		20.96			
10	64QAM	25	0		19.79		21	1.5
10	64QAM	25	12		19.69			
10	64QAM	25	25		19.76			
10	64QAM	50	0		19.87			
10	256QAM	1	0		17.84		19	3.5
10	256QAM	1	25		17.82			
10	256QAM	1	49		17.81			
10	256QAM	25	0		17.78		19	3.5
10	256QAM	25	12		17.61			
10	256QAM	25	25		17.82			
10	256QAM	50	0		17.90			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.26	21.32	21.38	22.5	0
5	QPSK	1	12	21.26	21.41	21.30		
5	QPSK	1	24	21.22	21.09	21.29		
5	QPSK	12	0	21.10	21.21	21.15	22.5	0
5	QPSK	12	7	21.04	21.12	21.07		
5	QPSK	12	13	21.03	20.98	21.00		
5	QPSK	25	0	21.12	21.19	21.17		
5	16QAM	1	0	21.33	21.38	21.36	22.5	0
5	16QAM	1	12	21.28	21.20	20.96		
5	16QAM	1	24	21.25	21.33	21.29		
5	16QAM	12	0	20.63	20.73	20.64	22	0.5
5	16QAM	12	7	20.83	20.88	20.81		
5	16QAM	12	13	20.53	20.51	20.57		
5	16QAM	25	0	20.68	20.73	20.68		
5	64QAM	1	0	20.92	20.96	20.97	22	0.5
5	64QAM	1	12	20.90	20.93	20.92		
5	64QAM	1	24	20.90	20.87	20.82		
5	64QAM	12	0	19.69	19.66	19.74	21	1.5
5	64QAM	12	7	19.60	19.60	19.60		
5	64QAM	12	13	19.62	19.70	19.69		
5	64QAM	25	0	19.76	19.78	19.75		
5	256QAM	1	0	17.71	17.70	17.76	19	3.5
5	256QAM	1	12	17.76	17.88	17.77		
5	256QAM	1	24	17.66	17.74	17.70		
5	256QAM	12	0	17.67	17.67	17.71	19	3.5
5	256QAM	12	7	17.53	17.46	17.56		
5	256QAM	12	13	17.70	17.78	17.66		
5	256QAM	25	0	17.79	17.74	17.77		

Band 25 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.07	15.17	15.10	16.5	0
20	QPSK	1	49	15.00	15.09	15.07		
20	QPSK	1	99	15.10	15.08	15.09		
20	QPSK	50	0	14.98	15.10	14.97	16.5	0
20	QPSK	50	24	15.04	15.08	15.05		
20	QPSK	50	50	15.03	15.06	14.96		
20	QPSK	100	0	15.02	15.04	14.96		
20	16QAM	1	0	14.94	14.98	15.09	16.5	0
20	16QAM	1	49	14.95	15.07	15.06		
20	16QAM	1	99	15.04	14.99	15.12		
20	16QAM	50	0	15.03	15.05	15.02	16.5	0
20	16QAM	50	24	15.15	15.03	15.09		
20	16QAM	50	50	14.99	15.07	15.11		
20	16QAM	100	0	15.15	14.98	15.02		
20	64QAM	1	0	15.08	15.01	15.05	16.5	0
20	64QAM	1	49	15.10	15.00	15.03		
20	64QAM	1	99	14.95	15.05	15.05		
20	64QAM	50	0	15.13	15.01	14.99	16.5	0
20	64QAM	50	24	15.05	15.08	15.06		
20	64QAM	50	50	15.01	15.02	15.13		
20	64QAM	100	0	14.99	15.06	15.13		
20	256QAM	1	0	15.04	15.00	15.02	16.5	0
20	256QAM	1	49	15.08	15.14	14.98		
20	256QAM	1	99	15.07	15.08	15.00		
20	256QAM	50	0	15.05	15.02	15.03	16.5	0
20	256QAM	50	24	15.06	15.09	15.13		
20	256QAM	50	50	15.04	15.10	15.03		
20	256QAM	100	0	15.06	14.95	15.06		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	14.96	15.07	15.07	16.5	0
15	QPSK	1	37	15.01	15.00	15.00		
15	QPSK	1	74	15.07	14.96	14.98		
15	QPSK	36	0	14.83	14.92	14.89	16.5	0
15	QPSK	36	20	15.02	15.02	14.90		
15	QPSK	36	39	14.93	14.87	14.84		
15	QPSK	75	0	14.91	14.87	14.81		
15	16QAM	1	0	14.89	14.81	15.04	16.5	0
15	16QAM	1	37	14.87	14.94	15.03		
15	16QAM	1	74	14.93	14.93	15.08		
15	16QAM	36	0	14.96	14.97	15.01	16.5	0
15	16QAM	36	20	15.06	14.90	14.98		
15	16QAM	36	39	14.80	14.99	15.03		
15	16QAM	75	0	14.87	14.86	14.91		
15	64QAM	1	0	15.07	14.84	15.02	16.5	0
15	64QAM	1	37	15.02	14.93	15.03		
15	64QAM	1	74	14.81	14.92	14.87		
15	64QAM	36	0	15.06	14.96	14.87	16.5	0
15	64QAM	36	20	14.98	14.97	15.02		
15	64QAM	36	39	14.91	14.83	15.13		
15	64QAM	75	0	14.89	15.02	15.08		
15	256QAM	1	0	14.96	14.81	14.88	16.5	0
15	256QAM	1	37	14.94	14.90	14.94		
15	256QAM	1	74	15.00	14.89	14.83		
15	256QAM	36	0	15.02	15.00	14.95	16.5	0
15	256QAM	36	20	15.01	15.00	15.00		
15	256QAM	36	39	15.03	14.93	14.91		
15	256QAM	75	0	14.97	14.80	15.04		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.01	15.11	14.96	16.5	0
10	QPSK	1	25	15.00	14.94	15.04		
10	QPSK	1	49	14.99	14.98	14.98		
10	QPSK	25	0	14.95	14.90	14.91	16.5	0
10	QPSK	25	12	14.95	14.94	14.92		
10	QPSK	25	25	14.88	14.96	14.95		
10	QPSK	50	0	14.97	14.92	14.79		
10	16QAM	1	0	14.82	14.80	14.99	16.5	0
10	16QAM	1	25	14.82	14.95	15.03		
10	16QAM	1	49	15.01	14.89	14.97		
10	16QAM	25	0	14.86	14.90	14.90	16.5	0
10	16QAM	25	12	15.13	14.88	14.97		
10	16QAM	25	25	14.85	14.90	15.03		
10	16QAM	50	0	15.01	14.92	14.92		
10	64QAM	1	0	15.01	14.88	15.01	16.5	0
10	64QAM	1	25	15.08	14.86	14.90		
10	64QAM	1	49	14.91	15.04	14.98		
10	64QAM	25	0	15.07	14.93	14.85	16.5	0
10	64QAM	25	12	14.99	15.07	14.98		
10	64QAM	25	25	14.89	14.95	15.02		
10	64QAM	50	0	14.90	15.03	14.96		
10	256QAM	1	0	14.85	14.93	14.85	16.5	0
10	256QAM	1	25	14.93	15.04	14.95		
10	256QAM	1	49	15.07	15.00	14.81		
10	256QAM	25	0	15.04	14.88	14.87	16.5	0
10	256QAM	25	12	14.92	14.92	14.97		
10	256QAM	25	25	14.90	15.03	14.89		
10	256QAM	50	0	15.03	14.76	14.97		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	14.99	15.04	14.92	16.5	0
5	QPSK	1	12	14.85	14.90	14.95		
5	QPSK	1	24	15.08	15.08	14.95		
5	QPSK	12	0	14.80	15.00	14.86	16.5	0
5	QPSK	12	7	15.03	14.91	14.90		
5	QPSK	12	13	14.83	14.88	14.78		
5	QPSK	25	0	14.95	14.96	14.80		
5	16QAM	1	0	14.85	14.80	14.90	16.5	0
5	16QAM	1	12	14.93	15.06	15.01		
5	16QAM	1	24	14.85	14.79	15.08		
5	16QAM	12	0	15.00	14.97	14.95	16.5	0
5	16QAM	12	7	15.05	14.88	14.90		
5	16QAM	12	13	14.99	15.04	14.92		
5	16QAM	25	0	15.09	14.97	15.01		
5	64QAM	1	0	14.96	14.84	14.91	16.5	0
5	64QAM	1	12	15.07	14.92	14.95		
5	64QAM	1	24	14.78	15.03	15.00		
5	64QAM	12	0	15.07	14.87	14.98	16.5	0
5	64QAM	12	7	15.01	14.97	15.00		
5	64QAM	12	13	14.82	14.88	14.97		
5	64QAM	25	0	14.91	15.06	15.07		
5	256QAM	1	0	14.87	14.84	14.89	16.5	0
5	256QAM	1	12	14.85	15.07	14.85		
5	256QAM	1	24	15.04	14.99	14.95		
5	256QAM	12	0	14.99	14.84	14.86	16.5	0
5	256QAM	12	7	14.98	15.07	15.06		
5	256QAM	12	13	15.01	15.02	15.02		
5	256QAM	25	0	15.05	14.78	14.92		
Channel				26035	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	14.92	15.10	15.09	16.5	0
3	QPSK	1	8	14.85	15.01	14.95		
3	QPSK	1	14	15.01	14.97	14.89		
3	QPSK	8	0	14.78	14.97	14.86	16.5	0
3	QPSK	8	4	14.96	14.89	14.94		
3	QPSK	8	7	14.84	14.98	14.83		
3	QPSK	15	0	14.83	14.96	14.92		
3	16QAM	1	0	14.81	14.96	15.07	16.5	0
3	16QAM	1	8	14.84	15.06	14.96		
3	16QAM	1	14	15.04	14.91	15.02		
3	16QAM	8	0	14.93	14.93	14.92	16.5	0
3	16QAM	8	4	15.13	14.91	15.07		
3	16QAM	8	7	14.87	14.95	14.95		
3	16QAM	15	0	15.04	14.96	14.84		
3	64QAM	1	0	15.05	14.95	14.87	16.5	0
3	64QAM	1	8	14.97	14.96	14.99		
3	64QAM	1	14	14.80	15.03	15.05		
3	64QAM	8	0	14.97	14.86	14.83	16.5	0
3	64QAM	8	4	15.01	14.90	14.87		
3	64QAM	8	7	14.89	14.91	14.96		
3	64QAM	15	0	14.81	14.98	14.93		
3	256QAM	1	0	15.00	14.99	14.91	16.5	0
3	256QAM	1	8	14.88	15.04	14.81		
3	256QAM	1	14	14.99	14.95	14.92		
3	256QAM	8	0	15.05	14.84	14.94	16.5	0
3	256QAM	8	4	14.95	15.02	15.03		
3	256QAM	8	7	15.02	15.02	14.98		
3	256QAM	15	0	15.04	14.92	15.00		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.03	15.07	15.05	16.5	0
1.4	QPSK	1	3	14.86	15.03	15.06		
1.4	QPSK	1	5	14.92	15.00	14.97		
1.4	QPSK	3	0	14.80	15.09	14.92		
1.4	QPSK	3	1	14.86	14.92	15.05		
1.4	QPSK	3	3	14.96	14.99	14.88		
1.4	QPSK	6	0	15.02	14.89	14.91	16.5	0
1.4	16QAM	1	0	14.75	14.96	15.03	16.5	0
1.4	16QAM	1	3	14.78	14.90	15.04		
1.4	16QAM	1	5	14.89	14.79	15.05		
1.4	16QAM	3	0	14.83	14.99	14.92		
1.4	16QAM	3	1	14.99	14.89	14.99		
1.4	16QAM	3	3	14.90	14.93	14.98		
1.4	16QAM	6	0	15.15	14.87	14.85	16.5	0
1.4	64QAM	1	0	14.94	14.93	14.88	16.5	0
1.4	64QAM	1	3	14.92	14.86	14.87		
1.4	64QAM	1	5	14.75	14.97	14.95		
1.4	64QAM	3	0	15.05	14.83	14.88		
1.4	64QAM	3	1	14.94	14.93	14.93		
1.4	64QAM	3	3	14.95	14.97	15.09		
1.4	64QAM	6	0	14.88	14.97	15.01	16.5	0
1.4	256QAM	1	0	14.90	14.91	14.85	16.5	0
1.4	256QAM	1	3	14.93	14.95	14.80		
1.4	256QAM	1	5	15.04	15.08	14.81		
1.4	256QAM	3	0	14.86	14.88	15.01		
1.4	256QAM	3	1	14.89	15.05	15.00		
1.4	256QAM	3	3	14.97	15.04	14.86		
1.4	256QAM	6	0	15.04	14.75	15.02	16.5	0

Band 26 for FCC Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	19.59	19.64	19.61	21	0
15	QPSK	1	37	19.48	19.53	19.45		
15	QPSK	1	74	19.50	19.57	19.50		
15	QPSK	36	0	19.42	19.53	19.37	21	0
15	QPSK	36	20	19.44	19.33	19.32		
15	QPSK	36	39	19.11	19.27	19.12		
15	QPSK	75	0	19.31	19.36	19.16		
15	16QAM	1	0	19.48	19.47	19.48	21	0
15	16QAM	1	37	19.28	19.34	19.41		
15	16QAM	1	74	19.47	19.37	19.58		
15	16QAM	36	0	19.50	19.44	19.43	21	0
15	16QAM	36	20	19.52	19.41	19.51		
15	16QAM	36	39	19.34	19.39	19.41		
15	16QAM	75	0	19.40	19.25	19.40		
15	64QAM	1	0	19.33	19.33	19.30	21	0
15	64QAM	1	37	19.48	19.41	19.48		
15	64QAM	1	74	19.38	19.48	19.36		
15	64QAM	36	0	19.36	19.26	19.30	21	0
15	64QAM	36	20	19.40	19.37	19.36		
15	64QAM	36	39	19.22	19.26	19.21		
15	64QAM	75	0	19.24	19.22	19.28		
15	256QAM	1	0	17.59	17.51	17.53	19	2
15	256QAM	1	37	17.52	17.45	17.54		
15	256QAM	1	74	17.61	17.57	17.63		
15	256QAM	36	0	17.38	17.47	17.42	19	2
15	256QAM	36	20	17.40	17.43	17.40		
15	256QAM	36	39	17.26	17.35	17.44		
15	256QAM	75	0	17.26	17.32	17.28		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.50	19.58	19.45	21	0
10	QPSK	25	0	19.39	19.47	19.42		
10	QPSK	1	49	19.49	19.47	19.37		
10	QPSK	25	0	19.31	19.44	19.26	21	0
10	QPSK	25	12	19.30	19.25	19.28		
10	QPSK	25	25	19.05	19.16	19.06		
10	QPSK	50	0	19.23	19.21	19.13		
10	16QAM	1	0	19.37	19.31	19.40	21	0
10	16QAM	1	25	19.28	19.20	19.25		
10	16QAM	1	49	19.29	19.29	19.49		
10	16QAM	25	0	19.38	19.34	19.38	21	0
10	16QAM	25	12	19.36	19.29	19.48		
10	16QAM	25	25	19.28	19.23	19.28		
10	16QAM	50	0	19.29	19.19	19.21		
10	64QAM	1	0	19.32	19.25	19.23	21	0
10	64QAM	1	25	19.34	19.32	19.33		
10	64QAM	1	49	19.26	19.29	19.28		
10	64QAM	25	0	19.15	19.15	19.23	21	0
10	64QAM	25	12	19.35	19.22	19.31		
10	64QAM	25	25	19.12	19.18	19.11		
10	64QAM	50	0	19.07	19.07	19.08	21	0
10	256QAM	1	0	17.49	17.42	17.51	19	2
10	256QAM	1	25	17.44	17.27	17.53		
10	256QAM	1	49	17.44	17.37	17.47		
10	256QAM	25	0	17.25	17.36	17.24	19	2
10	256QAM	25	12	17.25	17.38	17.37		
10	256QAM	25	25	17.19	17.24	17.29		
10	256QAM	50	0	17.24	17.23	17.19		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.49	19.52	19.50	21	0
5	QPSK	1	12	19.38	19.48	19.42		
5	QPSK	1	24	19.46	19.42	19.39		
5	QPSK	12	0	19.29	19.42	19.32	21	0
5	QPSK	12	7	19.38	19.22	19.26		
5	QPSK	12	13	19.05	19.25	19.00		
5	QPSK	25	0	19.23	19.24	19.05		
5	16QAM	1	0	19.37	19.36	19.40	21	0
5	16QAM	1	12	19.27	19.17	19.26		
5	16QAM	1	24	19.30	19.31	19.45		
5	16QAM	12	0	19.42	19.30	19.34	21	0
5	16QAM	12	7	19.35	19.31	19.43		
5	16QAM	12	13	19.28	19.29	19.32		
5	16QAM	25	0	19.21	19.16	19.21		
5	64QAM	1	0	19.32	19.32	19.12	21	0
5	64QAM	1	12	19.35	19.35	19.31		
5	64QAM	1	24	19.22	19.40	19.25		
5	64QAM	12	0	19.17	19.20	19.13	21	0
5	64QAM	12	7	19.26	19.28	19.23		
5	64QAM	12	13	19.13	19.16	19.06		
5	64QAM	25	0	19.08	19.13	19.06		
5	256QAM	1	0	17.59	17.46	17.39	19	2
5	256QAM	1	12	17.33	17.40	17.52		
5	256QAM

Band 26 for FCC Ant 0 DSI7 sig path：320

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	19.81	19.83	19.79	21	0
15	QPSK	1	37	19.76	19.81	19.72		
15	QPSK	1	74	19.70	19.74	19.68		
15	QPSK	36	0	19.59	19.64	19.57	21	0
15	QPSK	36	20	19.62	19.58	19.47		
15	QPSK	36	39	19.38	19.55	19.32		
15	QPSK	75	0	19.49	19.55	19.41		
15	16QAM	1	0	19.71	19.71	19.70	21	0
15	16QAM	1	37	19.50	19.45	19.59		
15	16QAM	1	74	19.63	19.58	19.76		
15	16QAM	36	0	19.65	19.62	19.61	21	0
15	16QAM	36	20	19.63	19.68	19.69		
15	16QAM	36	39	19.52	19.59	19.62		
15	16QAM	75	0	19.58	19.50	19.50		
15	64QAM	1	0	19.59	19.57	19.43	21	0
15	64QAM	1	37	19.59	19.65	19.60		
15	64QAM	1	74	19.58	19.61	19.61		
15	64QAM	36	0	19.45	19.43	19.46	21	0
15	64QAM	36	20	19.59	19.51	19.57		
15	64QAM	36	39	19.38	19.40	19.41		
15	64QAM	75	0	19.39	19.33	19.46		
15	256QAM	1	0	18.13	17.96	18.03	19	2
15	256QAM	1	37	18.09	17.94	18.12		
15	256QAM	1	74	18.19	18.07	18.07		
15	256QAM	36	0	17.85	18.05	17.96	19	2
15	256QAM	36	20	17.94	17.99	17.89		
15	256QAM	36	39	17.82	17.80	18.00		
15	256QAM	75	0	17.77	17.88	17.82		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.63	19.81	19.69	21	0
10	QPSK	1	25	19.56	19.69	19.60		
10	QPSK	1	49	19.68	19.64	19.60		
10	QPSK	25	0	19.43	19.58	19.49	21	0
10	QPSK	25	12	19.58	19.51	19.47		
10	QPSK	25	25	19.21	19.43	19.24		
10	QPSK	50	0	19.41	19.46	19.28		
10	16QAM	1	0	19.62	19.60	19.54	21	0
10	16QAM	1	25	19.39	19.33	19.49		
10	16QAM	1	49	19.53	19.57	19.71		
10	16QAM	25	0	19.62	19.52	19.53	21	0
10	16QAM	25	12	19.61	19.52	19.59		
10	16QAM	25	25	19.39	19.47	19.43		
10	16QAM	50	0	19.48	19.37	19.41		
10	64QAM	1	0	19.52	19.46	19.44	21	0
10	64QAM	1	25	19.61	19.56	19.49		
10	64QAM	1	49	19.48	19.49	19.47		
10	64QAM	25	0	19.39	19.35	19.42	21	0
10	64QAM	25	12	19.46	19.42	19.43		
10	64QAM	25	25	19.30	19.36	19.22		
10	64QAM	50	0	19.30	19.26	19.29		
10	256QAM	1	0	18.04	17.85	17.95	19	2
10	256QAM	1	25	18.00	17.84	18.05		
10	256QAM	1	49	18.07	17.94	17.99		
10	256QAM	25	0	17.75	17.87	17.84	19	2
10	256QAM	25	12	17.89	17.94	17.80		
10	256QAM	25	25	17.68	17.63	17.95		
10	256QAM	50	0	17.65	17.72	17.77		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.66	19.80	19.74	21	0
5	QPSK	1	12	19.64	19.71	19.62		
5	QPSK	1	24	19.60	19.67	19.58		
5	QPSK	12	0	19.42	19.56	19.50	21	0
5	QPSK	12	7	19.57	19.52	19.39		
5	QPSK	12	13	19.17	19.45	19.20		
5	QPSK	25	0	19.42	19.47	19.30		
5	16QAM	1	0	19.59	19.55	19.58	21	0
5	16QAM	1	12	19.42	19.35	19.43		
5	16QAM	1	24	19.52	19.56	19.67		
5	16QAM	12	0	19.64	19.58	19.55	21	0
5	16QAM	12	7	19.60	19.49	19.61		
5	16QAM	12	13	19.40	19.40	19.46		
5	16QAM	25	0	19.44	19.40	19.48		
5	64QAM	1	0	19.53	19.44	19.39	21	0
5	64QAM	1	12	19.51	19.57	19.51		
5	64QAM	1	24	19.42	19.57	19.49		
5	64QAM	12	0	19.40	19.42	19.33	21	0
5	64QAM	12	7	19.52	19.45	19.48		
5	64QAM	12	13	19.29	19.29	19.27		
5	64QAM	25	0	19.34	19.32	19.36		
5	256QAM	1	0	17.99	17.91	17.87	19	2
5	256QAM	1	12	17.99	17.83	17.97		
5	256QAM	1	24	18.12	17.97	17.92		
5	256QAM	12	0	17.80	17.94	17.84	19	2
5	256QAM	12	7	17.92	17.94	17.77		
5	256QAM	12	13	17.70	17.71	17.97		
5	256QAM	25	0	17.61	17.76	17.68		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.65	19.78	19.70	21	0
3	QPSK	1	8	19.66	19.73	19.56		
3	QPSK	1	14	19.60	19.60	19.53		
3	QPSK	8	0	19.52	19.62	19.49	21	0
3	QPSK	8	4	19.50	19.43	19.37		
3	QPSK	8	7	19.28	19.40	19.22		
3	QPSK	15	0	19.48	19.49	19.30		
3	16QAM	1	0	19.56	19.51	19.59	21	0
3	16QAM	1	8	19.43	19.38	19.41		
3	16QAM	1	14	19.50	19.55	19.64		
3	16QAM	8	0	19.65	19.60	19.51	21	0
3	16QAM	8	4	19.61	19.57	19.66		
3	16QAM	8	7	19.45	19.45	19.45		
3	16QAM	15	0	19.47	19.34	19.47		
3	64QAM	1	0	19.51	19.43	19.43	21	0
3	64QAM	1	8	19.56	19.58	19.60		
3	64QAM	1	14	19.51	19.49	19.43		
3	64QAM	8	0	19.35	19.40	19.36	21	0
3	64QAM	8	4	19.57	19.45	19.45		
3	64QAM	8	7	19.29	19.37	19.25		
3	64QAM	15	0	19.26	19.26	19.29		
3	256QAM	1	0	18.08	17.80	17.88	19	2
3	256QAM	1	8	17.93	17.87	18.02		
3	256QAM	1	14	18.11	17.98	17.96		
3	256QAM	8	0	17.70	17.89	17.90	19	2
3	256QAM	8	4	17.87	17.96	17.77		
3	256QAM	8	7	17.68	17.70	17.90		
3	256QAM	15	0	17.67	17.82	17.66		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.74	19.80	19.64	21	0
1.4	QPSK	1	3	19.63	19.72	19.57		
1.4	QPSK	1	5	19.60	19.59	19.53		
1.4	QPSK	3	0	19.45	19.57	19.46		
1.4	QPSK	3	1	19.48	19.42	19.47		
1.4	QPSK	3	3	19.25	19.40	19.16		
1.4	QPSK	6	0	19.38	19.41	19.34	21	0
1.4	16QAM	1	0	19.54	19.58	19.58	21	0
1.4	16QAM	1	3	19.48	19.42	19.48		
1.4	16QAM	1	5	19.54	19.47	19.62		
1.4	16QAM	3	0	19.56	19.60	19.56		
1.4	16QAM	3	1	19.60	19.57	19.57		
1.4	16QAM	3	3	19.39	19.46	19.46		
1.4	16QAM	6	0	19.44	19.39	19.47	21	0
1.4	64QAM	1	0	19.52	19.49	19.32	21	0
1.4	64QAM	1	3	19.58	19.50	19.54		
1.4	64QAM	1	5	19.54	19.58	19.53		
1.4	64QAM	3	0	19.42	19.39	19.35		
1.4	64QAM	3	1	19.55	19.45	19.45		
1.4	64QAM	3	3	19.29	19.34	19.23		
1.4	64QAM	6	0	19.29	19.32	19.35	21	0
1.4	256QAM	1	0	17.89	17.86	17.95	19	2
1.4	256QAM	1	3	17.90	17.79	17.80		
1.4	256QAM	1	5	18.00	18.01	18.03		
1.4	256QAM	3	0	17.70	17.77	17.90		
1.4	256QAM	3	1	17.97	17.82	17.82		
1.4	256QAM	3	3	17.71	17.70	17.91		
1.4	256QAM	6	0	17.52	17.77	17.71	19	2

Band 66 Ant 0 DSI7

BW [MHz]	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	14.12	14.25	14.08	15.5	0
20	QPSK	1	49	14.09	14.15	14.08		
20	QPSK	1	99	14.05	14.14	14.13		
20	QPSK	50	0	13.97	14.21	14.11	15.5	0
20	QPSK	50	24	14.14	14.14	14.17		
20	QPSK	50	50	14.15	14.08	14.02		
20	QPSK	100	0	14.11	14.17	14.10		
20	16QAM	1	0	14.12	14.03	14.11	15.5	0
20	16QAM	1	49	14.09	14.11	14.16		
20	16QAM	1	99	14.09	14.11	14.18		
20	16QAM	50	0	14.05	14.05	14.19	15.5	0
20	16QAM	50	24	14.08	14.04	14.17		
20	16QAM	50	50	13.98	14.20	14.10		
20	16QAM	100	0	14.13	14.04	14.01		
20	64QAM	1	0	14.22	14.14	14.04	15.5	0
20	64QAM	1	49	14.06	14.08	14.08		
20	64QAM	1	99	14.01	14.07	14.06		
20	64QAM	50	0	14.19	14.01	14.02	15.5	0
20	64QAM	50	24	14.04	14.17	14.07		
20	64QAM	50	50	14.07	14.09	14.13		
20	64QAM	100	0	14.07	14.02	14.24		
20	256QAM	1	0	14.13	14.05	14.09	15.5	0
20	256QAM	1	49	14.09	14.10	14.01		
20	256QAM	1	99	14.08	14.02	14.07		
20	256QAM	50	0	14.12	14.03	14.04	15.5	0
20	256QAM	50	24	13.97	14.11	14.14		
20	256QAM	50	50	13.99	14.16	14.06		
20	256QAM	100	0	14.14	13.99	14.16		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	13.94	14.18	13.87	15.5	0
15	QPSK	1	37	14.14	14.09	13.97		
15	QPSK	1	74	13.86	13.96	14.06		
15	QPSK	36	0	13.94	14.03	14.08	15.5	0
15	QPSK	36	20	13.99	14.01	14.03		
15	QPSK	36	39	13.94	13.87	14.06		
15	QPSK	75	0	14.13	14.00	14.09		
15	16QAM	1	0	14.00	13.84	13.98	15.5	0
15	16QAM	1	37	13.96	13.98	14.12		
15	16QAM	1	74	13.96	13.94	14.13		
15	16QAM	36	0	13.94	13.96	14.02	15.5	0
15	16QAM	36	20	13.94	13.88	14.08		
15	16QAM	36	39	13.85	14.11	14.04		
15	16QAM	75	0	14.00	14.00	13.91		
15	64QAM	1	0	14.00	14.04	13.91	15.5	0
15	64QAM	1	37	13.92	14.01	13.99		
15	64QAM	1	74	13.81	14.03	14.05		
15	64QAM	36	0	14.04	13.88	13.95	15.5	0
15	64QAM	36	20	13.96	14.11	13.99		
15	64QAM	36	39	13.92	14.09	14.14		
15	64QAM	75	0	13.96	13.88	14.17		
15	256QAM	1	0	13.97	13.97	14.10	15.5	0
15	256QAM	1	37	13.99	13.90	14.00		
15	256QAM	1	74	13.98	13.98	14.03		
15	256QAM	36	0	13.94	13.99	14.03	15.5	0
15	256QAM	36	20	14.01	14.07	14.12		
15	256QAM	36	39	13.85	14.11	13.95		
15	256QAM	75	0	14.09	13.83	14.14		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.06	14.24	14.02	15.5	0
10	QPSK	1	25	14.17	14.07	14.13		
10	QPSK	1	49	14.03	13.98	14.12		
10	QPSK	25	0	13.82	14.07	13.97	15.5	0
10	QPSK	25	12	14.04	14.04	14.06		
10	QPSK	25	25	14.04	13.98	14.02		
10	QPSK	50	0	14.15	14.08	14.03		
10	16QAM	1	0	13.98	14.01	14.01	15.5	0
10	16QAM	1	25	13.95	13.97	13.99		
10	16QAM	1	49	13.99	13.94	13.90		
10	16QAM	25	0	13.88	13.92	13.96	15.5	0
10	16QAM	25	12	14.12	13.95	14.05		
10	16QAM	25	25	13.93	13.92	14.07		
10	16QAM	50	0	13.93	13.99	13.93		
10	64QAM	1	0	14.09	14.10	13.99	15.5	0
10	64QAM	1	25	14.07	14.01	13.97		
10	64QAM	1	49	13.90	13.88	13.97		
10	64QAM	25	0	14.02	13.99	13.96	15.5	0
10	64QAM	25	12	13.95	14.09	13.87		
10	64QAM	25	25	13.94	14.01	14.12		
10	64QAM	50	0	13.97	13.86	14.06		
10	256QAM	1	0	13.93	14.02	14.00	15.5	0
10	256QAM	1	25	13.86	14.04	14.02		
10	256QAM	1	49	13.96	14.09	13.82		
10	256QAM	25	0	14.06	14.04	13.93	15.5	0
10	256QAM	25	12	13.83	14.07	14.01		
10	256QAM	25	25	14.03	14.14	14.03		
10	256QAM	50	0	14.07	13.98	14.08		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.02	14.02	13.98	15.5	0
5	QPSK	1	12	14.14	13.92	13.97		
5	QPSK	1	24	13.93	14.14	14.06		
5	QPSK	12	0	13.88	14.20	13.98	15.5	0
5	QPSK	12	7	13.90	14.07	14.04		
5	QPSK	12	13	13.95	13.87	13.91		
5	QPSK	25	0	14.11	14.07	14.14		
5	16QAM	1	0	13.86	14.04	13.95	15.5	0
5	16QAM	1	12	14.03	13.97	14.12		
5	16QAM	1	24	14.07	13.97	14.02		
5	16QAM	12	0	13.99	13.91	14.10	15.5	0
5	16QAM	12	7	13.98	13.97	14.04		
5	16QAM	12	13	13.95	14.04	13.95		
5	16QAM	25	0	14.11	13.97	13.82		
5	64QAM	1	0	13.96	13.98	13.95	15.5	0
5	64QAM	1	12	13.84	14.12	13.99		
5	64QAM	1	24	13.92	13.87	13.94		
5	64QAM	12	0	13.97	13.92	13.99	15.5	0
5	64QAM	12	7	13.92	14.14	13.86		
5	64QAM	12	13	13.91	14.11	14.00		
5	64QAM	25	0	13.94	13.93	13.99		
5	256QAM	1	0	14.14	13.87	14.01	15.5	0
5	256QAM	1	12	13.98	13.97	13.88		
5	256QAM	1	24	13.97	13.97	14.08		
5	256QAM	12	0	14.07	13.90	13.88	15.5	0
5	256QAM	12	7	13.88	13.90	14.02		
5	256QAM	12	13	13.83	14.11	13.91		
5	256QAM	25	0	14.15	13.98	14.14		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.16	14.09	14.11	15.5	0
3	QPSK	1	8	13.97	13.94	14.13		
3	QPSK	1	14	14.02	13.89	14.10		
3	QPSK	8	0	13.97	14.03	14.04	15.5	0
3	QPSK	8	4	14.07	14.08	14.11		
3	QPSK	8	7	14.03	13.89	14.02		
3	QPSK	15	0	13.90	13.99	14.07		
3	16QAM	1	0	13.95	14.00	13.94	15.5	0
3	16QAM	1	8	14.02	13.95	14.15		
3	16QAM	1	14	14.02	13.94	13.92		
3	16QAM	8	0	13.93	13.94	14.13	15.5	0
3	16QAM	8	4	14.02	14.08	14.13		
3	16QAM	8	7	13.80	13.99	14.07		
3	16QAM	15	0	14.02	13.94	13.89		
3	64QAM	1	0	14.13	13.98	13.92	15.5	0
3	64QAM	1	8	13.92	14.03	14.13		
3	64QAM	1	14	13.86	13.86	14.06		
3	64QAM	8	0	14.03	13.91	13.97	15.5	0
3	64QAM	8	4	13.86	14.14	14.08		
3	64QAM	8	7	13.95	14.01	14.05		
3	64QAM	15	0	13.88	13.91	14.10		
3	256QAM	1	0	14.09	14.10	14.00	15.5	0
3	256QAM	1	8	13.87	14.01	14.03		
3	256QAM	1	14	14.03	13.92	13.95		
3	256QAM	8	0	14.03	13.97	14.02	15.5	0
3	256QAM	8	4	14.00	13.89	14.04		
3	256QAM	8	7	13.99	13.95	13.97		
3	256QAM	15	0	14.04	13.95	14.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	13.98	14.19	14.09	15.5	0
1.4	QPSK	1	3	13.94	14.07	14.12		
1.4	QPSK	1	5	13.89	14.00	14.12		
1.4	QPSK	3	0	13.84	14.15	14.12		
1.4	QPSK	3	1	14.07	13.93	14.09		
1.4	QPSK	3	3	13.94	14.03	13.89		
1.4	QPSK	6	0	14.02	13.91	14.02	15.5	0
1.4	16QAM	1	0	14.03	13.91	14.01	15.5	0
1.4	16QAM	1	3	14.12	14.01	13.96		
1.4	16QAM	1	5	13.96	13.97	14.16		
1.4	16QAM	3	0	13.98	13.93	13.92		
1.4	16QAM	3	1	14.07	13.96	14.11		
1.4	16QAM	3	3	13.94	13.96	13.95		
1.4	16QAM	6	0	14.01	13.98	13.81	15.5	0
1.4	64QAM	1	0	14.06	13.98	14.03	15.5	0
1.4	64QAM	1	3	13.98	14.10	13.98		
1.4	64QAM	1	5	13.96	14.00	13.96		
1.4	64QAM	3	0	14.03	14.02	13.89		
1.4	64QAM	3	1	13.90	14.11	14.01		
1.4	64QAM	3	3	13.93	13.97	14.03		
1.4	64QAM	6	0	13.89	13.98	14.07	15.5	0
1.4	256QAM	1	0	14.05	14.00	14.13	15.5	0
1.4	256QAM	1	3	13.84	13.88	13.93		
1.4	256QAM	1	5	13.95	13.98	13.90		
1.4	256QAM	3	0	13.92	14.07	14.01		
1.4	256QAM	3	1	13.85	13.89	13.93		
1.4	256QAM	3	3	13.92	13.98	13.90		
1.4	256QAM	6	0	14.12	13.87	14.14	15.5	0

Band 66 Ant 0 DSI7 sig path：354

BW [MHz]	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	14.25	14.35	14.22	15.5	0
20	QPSK	1	49	14.25	14.24	14.21		
20	QPSK	1	99	14.18	14.20	14.16		
20	QPSK	50	0	14.13	14.29	14.19	15.5	0
20	QPSK	50	24	14.23	14.16	14.21		
20	QPSK	50	50	14.26	14.17	14.25		
20	QPSK	100	0	14.12	14.22	14.15		
20	16QAM	1	0	14.21	14.11	14.18	15.5	0
20	16QAM	1	49	14.19	14.19	14.21		
20	16QAM	1	99	14.17	14.25	14.27		
20	16QAM	50	0	14.12	14.19	14.17	15.5	0
20	16QAM	50	24	14.19	14.19	14.25		
20	16QAM	50	50	14.19	14.25	14.17		
20	16QAM	100	0	14.28	14.06	14.12		
20	64QAM	1	0	14.17	14.23	14.23	15.5	0
20	64QAM	1	49	14.19	14.29	14.21		
20	64QAM	1	99	14.18	14.13	14.12		
20	64QAM	50	0	14.21	14.18	14.19	15.5	0
20	64QAM	50	24	14.12	14.14	14.14		
20	64QAM	50	50	14.20	14.24	14.21		
20	64QAM	100	0	14.20	14.20	14.27		
20	256QAM	1	0	14.16	14.18	14.11	15.5	0
20	256QAM	1	49	14.26	14.20	14.23		
20	256QAM	1	99	14.27	14.27	14.12		
20	256QAM	50	0	14.16	14.30	14.14	15.5	0
20	256QAM	50	24	14.22	14.20	14.19		
20	256QAM	50	50	14.23	14.23	14.29		
20	256QAM	100	0	14.19	14.22	14.31		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.20	14.23	14.08	15.5	0
15	QPSK	1	37	14.04	14.18	14.12		
15	QPSK	1	74	14.17	14.20	14.08		
15	QPSK	36	0	13.99	14.30	14.21	15.5	0
15	QPSK	36	20	14.07	14.15	14.21		
15	QPSK	36	39	14.18	14.00	14.07		
15	QPSK	75	0	14.08	14.09	14.14		
15	16QAM	1	0	14.11	14.02	14.17	15.5	0
15	16QAM	1	37	14.09	14.17	14.18		
15	16QAM	1	74	14.00	14.04	14.11		
15	16QAM	36	0	14.11	14.16	14.12	15.5	0
15	16QAM	36	20	14.08	13.91	14.20		
15	16QAM	36	39	14.16	14.21	14.26		
15	16QAM	75	0	14.15	14.06	14.01		
15	64QAM	1	0	14.01	14.20	14.08	15.5	0
15	64QAM	1	37	14.14	14.15	14.20		
15	64QAM	1	74	14.00	14.14	14.14		
15	64QAM	36	0	14.09	14.17	14.14	15.5	0
15	64QAM	36	20	13.93	14.07	14.16		
15	64QAM	36	39	13.98	14.09	14.05		
15	64QAM	75	0	14.16	14.18	14.17		
15	256QAM	1	0	14.05	14.16	14.03	15.5	0
15	256QAM	1	37	14.16	14.08	14.07		
15	256QAM	1	74	14.14	14.19	14.01		
15	256QAM	36	0	14.08	14.07	14.15	15.5	0
15	256QAM	36	20	14.09	14.06	14.08		
15	256QAM	36	39	14.17	14.15	14.19		
15	256QAM	75	0	14.26	14.07	14.22		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.12	14.11	14.09	15.5	0
10	QPSK	1	25	14.09	14.14	14.09		
10	QPSK	1	49	14.01	14.06	14.15		
10	QPSK	25	0	14.05	14.12	14.14	15.5	0
10	QPSK	25	12	14.11	14.09	14.23		
10	QPSK	25	25	14.14	14.14	14.01		
10	QPSK	50	0	14.04	14.00	14.06		
10	16QAM	1	0	14.08	14.04	14.12	15.5	0
10	16QAM	1	25	14.11	14.08	14.18		
10	16QAM	1	49	14.13	14.11	14.04		
10	16QAM	25	0	13.97	14.18	14.18	15.5	0
10	16QAM	25	12	14.16	14.07	14.22		
10	16QAM	25	25	14.11	14.17	14.10		
10	16QAM	50	0	14.09	13.94	14.13		
10	64QAM	1	0	14.08	14.11	13.96	15.5	0
10	64QAM	1	25	14.12	14.20	14.12		
10	64QAM	1	49	14.20	14.01	14.12		
10	64QAM	25	0	14.27	14.01	13.99	15.5	0
10	64QAM	25	12	14.14	14.09	14.09		
10	64QAM	25	25	14.02	14.16	13.97		
10	64QAM	50	0	14.15	14.17	14.04		
10	256QAM	1	0	13.98	13.98	14.10	15.5	0
10	256QAM	1	25	14.22	14.01	14.23		
10	256QAM	1	49	14.07	14.25	14.11		
10	256QAM	25	0	13.89	14.15	14.02	15.5	0
10	256QAM	25	12	14.06	14.15	14.16		
10	256QAM	25	25	14.01	14.20	14.18		
10	256QAM	50	0	14.19	14.04	14.05		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.09	14.17	14.16	15.5	0
5	QPSK	1	12	14.14	14.15	14.15		
5	QPSK	1	24	14.06	14.18	13.94		
5	QPSK	12	0	14.03	14.29	13.99	15.5	0
5	QPSK	12	7	14.07	14.12	14.04		
5	QPSK	12	13	14.08	14.14	14.12		
5	QPSK	25	0	14.14	14.17	14.03		
5	16QAM	1	0	14.18	14.08	14.02	15.5	0
5	16QAM	1	12	14.18	14.05	14.28		
5	16QAM	1	24	13.96	14.05	14.07		
5	16QAM	12	0	14.10	14.19	14.05	15.5	0
5	16QAM	12	7	14.11	14.12	14.19		
5	16QAM	12	13	14.00	14.18	14.00		
5	16QAM	25	0	14.04	14.11	14.04		
5	64QAM	1	0	14.10	14.07	14.00	15.5	0
5	64QAM	1	12	14.10	14.10	14.12		
5	64QAM	1	24	14.18	13.95	14.00		
5	64QAM	12	0	14.13	14.09	14.06	15.5	0
5	64QAM	12	7	14.05	14.23	14.12		
5	64QAM	12	13	14.08	14.23	14.04		
5	64QAM	25	0	14.18	14.15	14.23		
5	256QAM	1	0	13.95	14.13	13.96	15.5	0
5	256QAM	1	12	14.12	14.17	14.12		
5	256QAM	1	24	14.25	14.15	14.11		
5	256QAM	12	0	14.10	14.28	13.92	15.5	0
5	256QAM	12	7	13.99	14.18	14.25		
5	256QAM	12	13	14.09	14.08	14.08		
5	256QAM	25	0	14.21	14.00	14.23		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.22	14.23	14.14	15.5	0
3	QPSK	1	8	14.04	14.31	14.15		
3	QPSK	1	14	14.17	14.04	14.00		
3	QPSK	8	0	13.95	14.24	14.21	15.5	0
3	QPSK	8	4	14.17	14.09	14.12		
3	QPSK	8	7	14.04	14.19	14.18		
3	QPSK	15	0	14.05	14.09	14.06		
3	16QAM	1	0	14.11	13.99	13.99	15.5	0
3	16QAM	1	8	14.10	14.05	14.16		
3	16QAM	1	14	13.98	14.03	14.18		
3	16QAM	8	0	13.95	14.17	14.19	15.5	0
3	16QAM	8	4	14.15	14.16	14.31		
3	16QAM	8	7	14.05	14.14	14.01		
3	16QAM	15	0	14.12	14.04	14.04		
3	64QAM	1	0	13.97	14.10	14.14	15.5	0
3	64QAM	1	8	14.02	14.04	14.07		
3	64QAM	1	14	14.14	14.02	14.08		
3	64QAM	8	0	14.07	14.04	14.21	15.5	0
3	64QAM	8	4	14.08	14.12	14.03		
3	64QAM	8	7	14.15	14.07	14.09		
3	64QAM	15	0	14.11	14.18	14.10		
3	256QAM	1	0	14.00	14.04	14.00	15.5	0
3	256QAM	1	8	14.21	14.04	14.24		
3	256QAM	1	14	14.14	14.13	14.12		
3	256QAM	8	0	14.17	14.16	14.17	15.5	0
3	256QAM	8	4	13.98	14.19	14.16		
3	256QAM	8	7	14.11	14.04	14.13		
3	256QAM	15	0	14.06	14.02	14.20		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.18	14.17	14.11	15.5	0
1.4	QPSK	1	3	14.06	14.27	14.14		
1.4	QPSK	1	5	14.02	14.22	14.07		
1.4	QPSK	3	0	13.89	14.15	14.00		
1.4	QPSK	3	1	14.11	14.09	14.17		
1.4	QPSK	3	3	14.20	14.19	14.07		
1.4	QPSK	6	0	14.17	14.10	14.04	15.5	0
1.4	16QAM	1	0	14.07	14.00	14.12	15.5	0
1.4	16QAM	1	3	14.06	14.19	14.03		
1.4	16QAM	1	5	14.02	14.08	14.21		
1.4	16QAM	3	0	13.95	14.23	14.20		
1.4	16QAM	3	1	14.19	14.07	14.16		
1.4	16QAM	3	3	14.09	14.07	14.08		
1.4	16QAM	6	0	14.08	13.94	13.98	15.5	0
1.4	64QAM	1	0	14.16	14.03	14.19	15.5	0
1.4	64QAM	1	3	14.14	14.06	14.08		
1.4	64QAM	1	5	14.19	14.11	14.09		
1.4	64QAM	3	0	14.13	14.14	14.04		
1.4	64QAM	3	1	13.97	14.04	14.12		
1.4	64QAM	3	3	14.11	14.06	14.07		
1.4	64QAM	6	0	14.14	14.00	14.12	15.5	0
1.4	256QAM	1	0	14.07	14.01	14.16	15.5	0
1.4	256QAM	1	3	14.14	14.00	14.10		
1.4	256QAM	1	5	14.13	14.18	13.99		
1.4	256QAM	3	0	14.10	14.25	13.98		
1.4	256QAM	3	1	14.16	14.15	14.17		
1.4	256QAM	3	3	14.07	14.09	14.08		
1.4	256QAM	6	0	14.17	14.11	14.25	15.5	0

Band 71 Ant 0 DSI7

BW [MHz]	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	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.84	22.91	22.89	24	0
20	QPSK	1	49	22.62	22.64	22.77		
20	QPSK	1	99	22.75	22.68	22.83		
20	QPSK	50	0	21.79	21.87	21.62	23	1
20	QPSK	50	24	21.81	21.75	21.81		
20	QPSK	50	50	21.62	21.61	21.56		
20	QPSK	100	0	21.72	21.79	21.73		
20	16QAM	1	0	21.63	21.88	21.68	23	1
20	16QAM	1	49	21.70	21.78	21.65		
20	16QAM	1	99	21.

Band 7 Ant 1 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.71	15.81	15.73	17	0
20	QPSK	1	49	15.67	15.76	15.59		
20	QPSK	1	99	15.77	15.78	15.74		
20	QPSK	50	0	15.65	15.79	15.69	17	0
20	QPSK	50	24	15.68	15.73	15.71		
20	QPSK	50	50	15.71	15.65	15.72		
20	QPSK	100	0	15.73	15.74	15.68		
20	16QAM	1	0	15.63	15.70	15.59	17	0
20	16QAM	1	49	15.68	15.63	15.76		
20	16QAM	1	99	15.64	15.59	15.69		
20	16QAM	50	0	15.70	15.61	15.62	17	0
20	16QAM	50	24	15.73	15.64	15.74		
20	16QAM	50	50	15.68	15.68	15.70		
20	16QAM	100	0	15.74	15.66	15.66		
20	64QAM	1	0	15.74	15.67	15.56	17	0
20	64QAM	1	49	15.60	15.76	15.67		
20	64QAM	1	99	15.74	15.69	15.65		
20	64QAM	50	0	15.74	15.66	15.72	17	0
20	64QAM	50	24	15.60	15.73	15.72		
20	64QAM	50	50	15.65	15.73	15.78		
20	64QAM	100	0	15.62	15.60	15.73		
20	256QAM	1	0	15.64	15.61	15.76	17	0
20	256QAM	1	49	15.72	15.70	15.60		
20	256QAM	1	99	15.69	15.66	15.69		
20	256QAM	50	0	15.67	15.58	15.65	17	0
20	256QAM	50	24	15.69	15.67	15.74		
20	256QAM	50	50	15.75	15.74	15.69		
20	256QAM	100	0	15.63	15.59	15.77		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.66	15.77	15.72	17	0
15	QPSK	1	37	15.60	15.66	15.64		
15	QPSK	1	74	15.64	15.58	15.64		
15	QPSK	36	0	15.58	15.71	15.54	17	0
15	QPSK	36	20	15.66	15.60	15.71		
15	QPSK	36	39	15.78	15.59	15.69		
15	QPSK	75	0	15.76	15.75	15.63		
15	16QAM	1	0	15.60	15.59	15.58	17	0
15	16QAM	1	37	15.58	15.47	15.75		
15	16QAM	1	74	15.54	15.52	15.70		
15	16QAM	36	0	15.63	15.63	15.63	17	0
15	16QAM	36	20	15.70	15.61	15.62		
15	16QAM	36	39	15.53	15.54	15.56		
15	16QAM	75	0	15.77	15.57	15.50		
15	64QAM	1	0	15.68	15.47	15.47	17	0
15	64QAM	1	37	15.53	15.66	15.57		
15	64QAM	1	74	15.60	15.51	15.63		
15	64QAM	36	0	15.55	15.53	15.55	17	0
15	64QAM	36	20	15.62	15.56	15.56		
15	64QAM	36	39	15.57	15.60	15.60		
15	64QAM	75	0	15.47	15.64	15.75		
15	256QAM	1	0	15.53	15.58	15.72	17	0
15	256QAM	1	37	15.57	15.65	15.42		
15	256QAM	1	74	15.55	15.59	15.56		
15	256QAM	36	0	15.59	15.56	15.53	17	0
15	256QAM	36	20	15.60	15.53	15.63		
15	256QAM	36	39	15.46	15.56	15.63		
15	256QAM	75	0	15.72	15.48	15.62		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.64	15.70	15.61	17	0
10	QPSK	1	25	15.64	15.70	15.56		
10	QPSK	1	49	15.69	15.73	15.60		
10	QPSK	25	0	15.60	15.72	15.64	17	0
10	QPSK	25	12	15.54	15.62	15.64		
10	QPSK	25	25	15.73	15.43	15.67		
10	QPSK	50	0	15.62	15.70	15.68		
10	16QAM	1	0	15.53	15.65	15.71	17	0
10	16QAM	1	25	15.59	15.53	15.78		
10	16QAM	1	49	15.58	15.51	15.66		
10	16QAM	25	0	15.66	15.45	15.58	17	0
10	16QAM	25	12	15.59	15.66	15.67		
10	16QAM	25	25	15.59	15.71	15.69		
10	16QAM	50	0	15.69	15.55	15.51		
10	64QAM	1	0	15.59	15.52	15.42	17	0
10	64QAM	1	25	15.60	15.60	15.53		
10	64QAM	1	49	15.45	15.38	15.55		
10	64QAM	25	0	15.53	15.44	15.66	17	0
10	64QAM	25	12	15.45	15.74	15.63		
10	64QAM	25	25	15.57	15.61	15.74		
10	64QAM	50	0	15.57	15.58	15.63		
10	256QAM	1	0	15.53	15.53	15.54	17	0
10	256QAM	1	25	15.55	15.69	15.62		
10	256QAM	1	49	15.59	15.62	15.43		
10	256QAM	25	0	15.65	15.43	15.45	17	0
10	256QAM	25	12	15.70	15.53	15.63		
10	256QAM	25	25	15.63	15.57	15.74		
10	256QAM	50	0	15.73	15.46	15.57		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.57	15.72	15.62	17	0
5	QPSK	1	12	15.64	15.68	15.44		
5	QPSK	1	24	15.67	15.58	15.61		
5	QPSK	12	0	15.61	15.76	15.59	17	0
5	QPSK	12	7	15.61	15.59	15.55		
5	QPSK	12	13	15.76	15.59	15.62		
5	QPSK	25	0	15.74	15.73	15.49		
5	16QAM	1	0	15.64	15.61	15.54	17	0
5	16QAM	1	12	15.72	15.49	15.72		
5	16QAM	1	24	15.43	15.45	15.75		
5	16QAM	12	0	15.53	15.51	15.53	17	0
5	16QAM	12	7	15.54	15.61	15.72		
5	16QAM	12	13	15.71	15.67	15.70		
5	16QAM	25	0	15.67	15.56	15.44		
5	64QAM	1	0	15.73	15.47	15.51	17	0
5	64QAM	1	12	15.59	15.74	15.67		
5	64QAM	1	24	15.55	15.50	15.60		
5	64QAM	12	0	15.67	15.57	15.68	17	0
5	64QAM	12	7	15.42	15.64	15.60		
5	64QAM	12	13	15.43	15.65	15.78		
5	64QAM	25	0	15.54	15.56	15.60		
5	256QAM	1	0	15.55	15.43	15.71	17	0
5	256QAM	1	12	15.49	15.64	15.57		
5	256QAM	1	24	15.66	15.61	15.58		
5	256QAM	12	0	15.47	15.56	15.53	17	0
5	256QAM	12	7	15.58	15.53	15.72		
5	256QAM	12	13	15.71	15.62	15.77		
5	256QAM	25	0	15.65	15.58	15.66		

Band 30 Ant 1 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power/ High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		17.99		19	0
10	QPSK	1	25		17.88			
10	QPSK	1	49		17.92			
10	QPSK	25	0		17.93		19	0
10	QPSK	25	12		17.67			
10	QPSK	25	25		17.74			
10	QPSK	50	0		17.85			
10	16QAM	1	0		17.71		19	0
10	16QAM	1	25		17.91			
10	16QAM	1	49		17.91			
10	16QAM	25	0		17.66		19	0
10	16QAM	25	12		17.88			
10	16QAM	25	25		17.88			
10	16QAM	50	0		17.77			
10	64QAM	1	0		17.87		19	0
10	64QAM	1	25		17.88			
10	64QAM	1	49		17.77			
10	64QAM	25	0		17.85		19	0
10	64QAM	25	12		17.61			
10	64QAM	25	25		17.82			
10	64QAM	50	0		17.81			
10	256QAM	1	0		17.62		19	0
10	256QAM	1	25		17.76			
10	256QAM	1	49		17.76			
10	256QAM	25	0		17.75		19	0
10	256QAM	25	12		17.72			
10	256QAM	25	25		17.72			
10	256QAM	50	0		17.64			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	17.80	17.82	17.86	19	0
5	QPSK	1	12	17.64	17.70	17.75		
5	QPSK	1	24	17.80	17.76	17.79		
5	QPSK	12	0	17.82	17.91	17.80	19	0
5	QPSK	12	7	17.69	17.62	17.71		
5	QPSK	12	13	17.65	17.80	17.74		
5	QPSK	25	0	17.70	17.70	17.74		
5	16QAM	1	0	17.60	17.61	17.71	19	0
5	16QAM	1	12	17.91	17.81	17.81		
5	16QAM	1	24	17.84	17.78	17.91		
5	16QAM	12	0	17.60	17.58	17.66	19	0
5	16QAM	12	7	17.81	17.75	17.81		
5	16QAM	12	13	17.71	17.74	17.75		
5	16QAM	25	0	17.76	17.74	17.71		
5	64QAM	1	0	17.85	17.80	17.71	19	0
5	64QAM	1	12	17.78	17.66	17.69		
5	64QAM	1	24	17.67	17.62	17.69		
5	64QAM	12	0	17.61	17.64	17.68	19	0
5	64QAM	12	7	17.43	17.49	17.58		
5	64QAM	12	13	17.72	17.68	17.75		
5	64QAM	25	0	17.74	17.60	17.75		
5	256QAM	1	0	17.46	17.56	17.56	19	0
5	256QAM	1	12	17.65	17.63	17.79		
5	256QAM	1	24	17.56	17.74	17.69		
5	256QAM	12	0	17.66	17.68	17.59	19	0
5	256QAM	12	7	17.84	17.70	17.60		
5	256QAM	12	13	17.61	17.54	17.57		
5	256QAM	25	0	17.52	17.54	17.56		

Band 2 Ant 4 DSI7

BW [MHz]	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	10.14	10.26	10.13		
20	QPSK	1	49	10.19	9.95	9.99	11	0
20	QPSK	1	99	9.97	10.10	10.21		
20	QPSK	50	0	10.17	10.20	10.13		
20	QPSK	50	24	10.15	10.13	10.05	11	0
20	QPSK	50	50	9.95	9.99	9.99		
20	QPSK	100	0	10.03	10.13	10.11		
20	16QAM	1	0	10.18	10.19	10.03		
20	16QAM	1	49	10.10	10.21	10.11	11	0
20	16QAM	1	99	10.17	10.17	10.18		
20	16QAM	50	0	10.19	9.95	10.23		
20	16QAM	50	24	9.95	10.19	10.16	11	0
20	16QAM	50	50	10.14	10.15	10.10		
20	16QAM	100	0	10.17	9.97	10.16		
20	64QAM	1	0	10.05	9.96	10.17		
20	64QAM	1	49	10.21	10.25	10.19	11	0
20	64QAM	1	99	10.08	10.10	10.02		
20	64QAM	50	0	10.17	10.20	10.07		
20	64QAM	50	24	10.21	9.96	10.05	11	0
20	64QAM	50	50	10.17	9.99	10.22		
20	64QAM	100	0	10.09	10.12	9.96		
20	256QAM	1	0	10.08	9.98	10.11		
20	256QAM	1	49	10.00	10.15	10.20	11	0
20	256QAM	1	99	10.12	10.23	10.18		
20	256QAM	50	0	10.14	10.09	10.18		
20	256QAM	50	24	10.20	10.16	10.25	11	0
20	256QAM	50	50	10.17	10.05	10.02		
20	256QAM	100	0	10.01	10.20	10.07		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	9.98	10.25	10.02		
15	QPSK	1	37	9.92	9.97	9.88	11	0
15	QPSK	1	74	9.91	10.04	10.17		
15	QPSK	36	0	10.12	10.04	10.00		
15	QPSK	36	20	10.05	9.98	10.10	11	0
15	QPSK	36	39	9.86	9.92	9.92		
15	QPSK	75	0	9.87	10.17	9.97		
15	16QAM	1	0	10.15	10.15	10.04		
15	16QAM	1	37	9.90	10.10	9.95	11	0
15	16QAM	1	74	9.98	10.04	10.12		
15	16QAM	36	0	10.10	10.04	10.11		
15	16QAM	36	20	9.99	9.99	9.94	11	0
15	16QAM	36	39	9.98	10.06	9.89		
15	16QAM	75	0	10.04	9.92	10.02		
15	64QAM	1	0	9.94	9.75	10.10		
15	64QAM	1	37	10.22	10.03	9.97	11	0
15	64QAM	1	74	10.01	10.07	10.02		
15	64QAM	36	0	10.03	10.11	10.03		
15	64QAM	36	20	10.05	9.89	9.93	11	0
15	64QAM	36	39	10.06	9.89	10.07		
15	64QAM	75	0	10.02	10.13	9.95		
15	256QAM	1	0	9.92	9.96	10.08		
15	256QAM	1	37	9.97	10.02	10.13	11	0
15	256QAM	1	74	10.05	10.17	10.09		
15	256QAM	36	0	10.04	9.98	10.03		
15	256QAM	36	20	10.10	10.09	10.13	11	0
15	256QAM	36	39	9.95	10.02	10.03		
15	256QAM	75	0	10.03	9.93	10.07		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	10.00	10.03	10.05		
10	QPSK	1	25	9.98	9.84	9.96	11	0
10	QPSK	1	49	9.98	9.89	10.01		
10	QPSK	25	0	10.08	10.08	10.11		
10	QPSK	25	12	9.89	9.95	9.99	11	0
10	QPSK	25	25	9.91	9.85	10.00		
10	QPSK	50	0	9.89	10.10	10.04		
10	16QAM	1	0	9.95	9.98	10.01		
10	16QAM	1	25	10.00	10.04	10.15	11	0
10	16QAM	1	49	9.99	9.96	10.07		
10	16QAM	25	0	9.93	9.85	10.07		
10	16QAM	25	12	9.80	10.03	9.99	11	0
10	16QAM	25	25	10.15	10.06	10.08		
10	16QAM	50	0	9.94	9.86	10.13		
10	64QAM	1	0	9.87	9.83	10.01		
10	64QAM	1	25	10.03	10.13	9.94	11	0
10	64QAM	1	49	9.98	9.84	10.02		
10	64QAM	25	0	10.04	10.08	9.86		
10	64QAM	25	12	10.06	9.99	10.08	11	0
10	64QAM	25	25	9.94	9.81	10.08		
10	64QAM	50	0	9.99	10.02	9.89		
10	256QAM	1	0	9.98	9.91	9.94		
10	256QAM	1	25	9.88	10.08	9.94	11	0
10	256QAM	1	49	10.06	10.22	9.98		
10	256QAM	25	0	10.05	10.01	10.03		
10	256QAM	25	12	9.93	10.00	10.14	11	0
10	256QAM	25	25	10.09	9.99	9.85		
10	256QAM	50	0	10.00	10.06	10.00		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	9.99	10.16	10.07		
5	QPSK	1	12	10.00	9.88	9.93	11	0
5	QPSK	1	24	10.02	10.01	10.12		
5	QPSK	12	0	10.19	10.12	10.00		
5	QPSK	12	7	10.03	9.86	9.93	11	0
5	QPSK	12	13	9.95	9.97	10.08		
5	QPSK	25	0	9.90	10.10	10.06		
5	16QAM	1	0	9.98	9.93	9.88		
5	16QAM	1	12	9.92	10.14	9.91	11	0
5	16QAM	1	24	10.17	10.12	10.02		
5	16QAM	12	0	10.05	9.87	10.07		
5	16QAM	12	7	9.94	9.97	9.92	11	0
5	16QAM	12	13	10.04	9.97	9.88		
5	16QAM	25	0	9.89	9.93	10.10		
5	64QAM	1	0	9.96	9.88	9.96		
5	64QAM	1	12	10.14	10.06	10.08	11	0
5	64QAM	1	24	10.01	9.99	10.06		
5	64QAM	12	0	10.09	10.03	10.03		
5	64QAM	12	7	10.11	9.90	9.87	11	0
5	64QAM	12	13	9.92	9.91	10.20		
5	64QAM	25	0	9.97	10.13	10.02		
5	256QAM	1	0	9.98	9.85	9.98		
5	256QAM	1	12	10.04	10.01	10.08	11	0
5	256QAM	1	24	9.93	10.24	10.11		
5	256QAM	12	0	9.94	10.01	10.13		
5	256QAM	12	7	10.10	10.03	10.19	11	0
5	256QAM	12	13	9.93	9.97	9.92		
5	256QAM	25	0	9.93	10.14	10.08		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	9.89	10.05	10.03		
3	QPSK	1	8	10.13	9.94	9.96	11	0
3	QPSK	1	14	9.91	10.06	10.00		
3	QPSK	8	0	10.17	10.05	9.99		
3	QPSK	8	4	10.01	9.98	9.94	11	0
3	QPSK	8	7	9.76	9.93	9.90		
3	QPSK	15	0	9.96	9.99	10.01		
3	16QAM	1	0	9.96	10.14	9.94		
3	16QAM	1	8	10.02	10.14	9.95	11	0
3	16QAM	1	14	9.96	10.10	10.03		
3	16QAM	8	0	10.04	9.93	10.19		
3	16QAM	8	4	9.91	9.99	10.02	11	0
3	16QAM	8	7	9.98	10.20	10.04		
3	16QAM	15	0	10.00	9.93	9.97		
3	64QAM	1	0	9.97	9.81	10.01		
3	64QAM	1	8	10.09	10.00	10.03	11	0
3	64QAM	1	14	10.05	9.95	10.02		
3	64QAM	8	0	9.96	10.03	9.95		
3	64QAM	8	4	10.09	9.97	9.93	11	0
3	64QAM	8	7	9.97	9.91	10.20		
3	64QAM	15	0	9.95	10.08	9.98		
3	256QAM	1	0	9.90	9.85	10.00		
3	256QAM	1	8	9.98	9.94	10.03	11	0
3	256QAM	1	14	9.94	10.20	9.97		
3	256QAM	8	0	10.05	9.98	9.94		
3	256QAM	8	4	10.08	10.08	9.94	11	0
3	256QAM	8	7	9.98	9.89	10.03		
3	256QAM	15	0	10.01	10.12	9.96		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	10.06	10.20	10.12		
1.4	QPSK	1	3	10.10	9.78	9.98		
1.4	QPSK	1	5	9.80	9.99	10.10	11	0
1.4	QPSK	3	0	10.11	9.95	10.01		
1.4	QPSK	3	1	9.92	10.08	9.97		
1.4	QPSK	3	3	9.83	9.84	10.06		
1.4	QPSK	6	0	9.90	10.22	9.98	11	0
1.4	16QAM	1	0	10.15	10.20	9.97		
1.4	16QAM	1	3	9.89	10.07	10.12		
1.4	16QAM	1	5	10.08	10.02	10.10	11	0
1.4	16QAM	3	0	10.00	9.87	10.21		
1.4	16QAM	3	1	9.98	10.05	9.98		
1.4	16QAM	3	3	9.96	10.11	9.91		
1.4	16QAM	6	0	9.95	9.89	10.13	11	0
1.4	64QAM	1	0	9.88	9.84	9.98		
1.4	64QAM	1	3	10.03	10.20	10.08		
1.4	64QAM	1	5	9.86	10.00	9.97	11	0
1.4	64QAM	3	0	10.11	10.13	9.85		
1.4	64QAM	3	1	10.14	9.90	9.88		
1.4	64QAM	3	3	9.95	9.81	10.10		
1.4	64QAM	6	0	10.05	10.12	9.92	11	0
1.4	256QAM	1	0	10.06	9.91	9.92		
1.4	256QAM	1	3	9.87	10.01	10.02		
1.4	256QAM	1	5	9.97	10.23	10.04	11	0
1.4	256QAM	3	0	10.04	10.12	10.11		
1.4	256QAM	3	1	10.18	10.17	10.04		
1.4	256QAM	3	3	10.11	9.85	9.82		
1.4	256QAM	6	0	10.07	9.97	9.96	11	0

Band 2 Ant 4 DSI7 sig path：347

BW [MHz]	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	10.82	10.85	10.59		
20	QPSK	1	49	10.68	10.70	10.64	11	0
20	QPSK	1	99	10.57	10.76	10.76		
20	QPSK	50	0	10.70	10.82	10.76		
20	QPSK	50	24	10.76	10.59	10.81	11	0
20	QPSK	50	50	10.73	10.73	10.72		
20	QPSK	100	0	10.59	10.70	10.75		
20	16QAM	1	0	10.84	10.68	10.74		
20	16QAM	1	49	10.75	10.62	10.70	11	0
20	16QAM	1	99	10.55	10.64	10.62		
20	16QAM	50	0	10.68	10.68	10.58		
20	16QAM	50	24	10.73	10.69	10.81	11	0
20	16QAM	50	50	10.70	10.70	10.77		
20	16QAM	100	0	10.67	10.73	10.83		
20	64QAM	1	0	10.73	10.70	10.71		
20	64QAM	1	49	10.83	10.74	10.80	11	0
20	64QAM	1	99	10.80	10.77	10.77		
20	64QAM	50	0	10.82	10.82	10.65		
20	64QAM	50	24	10.81	10.69	10.67	11	0
20	64QAM	50	50	10.74	10.72	10.78		
20	64QAM	100	0	10.69	10.71	10.61		
20	256QAM	1	0	10.73	10.58	10.61		
20	256QAM	1	49	10.68	10.69	10.61	11	0
20	256QAM	1	99	10.52	10.77	10.72		
20	256QAM	50	0	10.81	10.58	10.65		
20	256QAM	50	24	10.71	10.81	10.75	11	0
20	256QAM	50	50	10.68	10.67	10.82		
20	256QAM	100	0	10.64	10.84	10.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	10.66	10.83	10.56		
15	QPSK	1	37	10.60	10.66	10.54	11	0
15	QPSK	1	74	10.39	10.53	10.57		
15	QPSK	36	0	10.57	10.71	10.67		
15	QPSK	36	20	10.68	10.39	10.71	11	0
15	QPSK	36	39	10.51	10.59	10.69		
15	QPSK	75	0	10.50	10.65	10.71		
15	16QAM	1	0	10.62	10.49	10.66		
15	16QAM	1	37	10.66	10.58	10.71	11	0
15	16QAM	1	74	10.53	10.61	10.52		
15	16QAM	36	0	10.51	10.50	10.60		
15	16QAM	36	20	10.61	10.65	10.68	11	0
15	16QAM	36	39	10.65	10.65	10.67		
15	16QAM	75	0	10.52	10.60	10.76		
15	64QAM	1	0	10.64	10.56	10.68		
15	64QAM	1	37	10.81	10.75	10.81	11	0
15	64QAM	1	74	10.72	10.57	10.81		
15	64QAM	36	0	10.58	10.67	10.55		
15	64QAM	36	20	10.59	10.65	10.41	11	0
15	64QAM	36	39	10.59	10.67	10.61		
15	64QAM	75	0	10.67	10.42	10.55		
15	256QAM	1	0	10.63	10.57	10.46		
15	256QAM	1	37	10.59	10.66	10.43	11	0
15	256QAM	1	74	10.42	10.81	10.60		
15	256QAM	36	0	10.77	10.57	10.51		
15	256QAM	36	20	10.76	10.68	10.61	11	0
15	256QAM	36	39	10.65	10.64	10.62		
15	256QAM	75	0	10.55	10.77	10.57		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	10.63	10.77	10.46		
10	QPSK	1	25	10.71	10.50	10.42	11	0
10	QPSK	1	49	10.43	10.66	10.66		
10	QPSK	25	0	10.74	10.76	10.62		
10	QPSK	25	12	10.55	10.59	10.69	11	0
10	QPSK	25	25	10.61	10.58	10.77		
10	QPSK	50	0	10.39	10.62	10.59		
10	16QAM	1	0	10.72	10.45	10.73		
10	16QAM	1	25	10.49	10.66	10.75	11	0
10	16QAM	1	49	10.50	10.59	10.54		
10	16QAM	25	0	10.60	10.58	10.65		
10	16QAM	25	12	10.61	10.66	10.75	11	0
10	16QAM	25	25	10.74	10.55	10.63		
10	16QAM	50	0	10.57	10.69	10.69		
10	64QAM	1	0	10.63	10.61	10.70		
10	64QAM	1	25	10.60	10.68	10.71	11	0
10	64QAM	1	49	10.66	10.66	10.66		
10	64QAM	25	0	10.64	10.70	10.50		
10	64QAM	25	12	10.57	10.55	10.56	11	0
10	64QAM	25	25	10.77	10.53	10.85		
10	64QAM	50	0	10.70	10.57	10.57		
10	256QAM	1	0	10.57	10.37	10.50		
10	256QAM	1	25	10.56	10.68	10.47	11	0
10	256QAM	1	49	10.45	10.65	10.79		
10	256QAM	25	0	10.67	10.59	10.62		
10	256QAM	25	12	10.65	10.66	10.63	11	0
10	256QAM	25	25	10.64	10.45	10.61		
10	256QAM	50	0	10.49	10.72	10.64		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	10.56	10.72	10.46		
5	QPSK	1	12	10.60	10.66	10.47	11	0
5	QPSK	1	24	10.54	10.71	10.69		
5	QPSK	12	0	10.59	10.81	10.66		
5	QPSK	12	7	10.68	10.48	10.70	11	0
5	QPSK	12	13	10.55	10.64	10.68		
5	QPSK	25	0	10.50	10.64	10.68		
5	16QAM	1	0	10.61	10.66	10.71		
5	16QAM	1	12	10.60	10.58	10.62	11	0
5	16QAM	1	24	10.45	10.64	10.57		
5	16QAM	12	0	10.55	10.69	10.46		
5	16QAM	12	7	10.63	10.61	10.81	11	0
5	16QAM	12	13	10.65	10.60	10.61		
5	16QAM	25	0	10.51	10.59	10.73		
5	64QAM	1	0	10.67	10.47	10.70		
5	64QAM	1	12	10.81	10.67	10.66	11	0
5	64QAM	1	24	10.81	10.66	10.64		
5	64QAM	12	0	10.67	10.78	10.60		
5	64QAM	12	7	10.64	10.60	10.52	11	0
5	64QAM	12	13	10.73	10.65	10.74		
5	64QAM	25	0	10.61	10.57	10.61		
5	256QAM	1	0	10.57	10.54	10.62		
5	256QAM	1	12	10.56	10.62	10.65	11	0
5	256QAM	1	24	10.39	10.62	10.74		
5	256QAM	12	0	10.72	10.56	10.55		
5	256QAM	12	7	10.71	10.79	10.55	11	0
5	256QAM	12	13	10.63	10.44	10.66		
5	256QAM	25	0	10.47	10.65	10.60		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	10.76	10.77	10.49		
3	QPSK	1	8	10.69	10.44	10.52	11	0
3	QPSK	1	14	10.51	10.66	10.61		
3	QPSK	8	0	10.67	10.72	10.55		
3	QPSK	8	4	10.72	10.64	10.64	11	0
3	QPSK	8	7	10.53	10.61	10.72		
3	QPSK	15	0	10.45	10.72	10.65		
3	16QAM	1	0	10.66	10.47	10.73		
3	16QAM	1	8	10.68	10.65	10.57	11	0
3	16QAM	1	14	10.50	10.70	10.37		
3	16QAM	8	0	10.54	10.66	10.59		
3	16QAM	8	4	10.54	10.65	10.78	11	0
3	16QAM	8	7	10.70	10.68	10.67		
3	16QAM	15	0	10.46	10.64	10.68		
3	64QAM	1	0	10.65	10.48	10.63		
3	64QAM	1	8	10.71	10.73	10.70	11	0
3	64QAM	1	14	10.64	10.56	10.76		
3	64QAM	8	0	10.69	10.66	10.67		
3	64QAM	8	4	10.66	10.69	10.65	11	0
3	64QAM	8	7	10.64	10.51	10.79		
3	64QAM	15	0	10.69	10.50	10.56		
3	256QAM	1	0	10.65	10.41	10.55		
3	256QAM	1	8	10.61	10.58	10.53	11	0
3	256QAM	1	14	10.50	10.71	10.69		
3	256QAM	8	0	10.62	10.53	10.71		
3	256QAM	8	4	10.63	10.81	10.63	11	0
3	256QAM	8	7	10.51	10.54	10.75		
3	256QAM	15	0	10.56	10.67	10.79		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	10.74	10.82	10.40		
1.4	QPSK	1	3	10.73	10.55	10.44		
1.4	QPSK	1	5	10.53	10.68	10.75	11	0
1.4	QPSK	3	0	10.53	10.75	10.71		
1.4	QPSK	3	1	10.72	10.59	10.63		
1.4	QPSK	3	3	10.58	10.75	10.68		
1.4	QPSK	6	0	10.46	10.60	10.57	11	0
1.4	16QAM	1	0	10.71	10.61	10.68		
1.4	16QAM	1	3	10.57	10.65	10.62		
1.4	16QAM	1	5	10.51	10.52	10.61	11	0
1.4	16QAM	3	0	10.58	10.73	10.43		
1.4	16QAM	3	1	10.47	10.66	10.69		
1.4	16QAM	3	3	10.62	10.52	10.68		
1.4	16QAM	6	0	10.57	10.57	10.84	11	0
1.4	64QAM	1	0	10.59	10.47	10.58		
1.4	64QAM	1	3	10.75	10.51	10.74		
1.4	64QAM	1	5	10.77	10.56	10.79	11	0
1.4	64QAM	3	0	10.64	10.72	10.66		
1.4	64QAM	3	1	10.71	10.68	10.56		
1.4	64QAM	3	3	10.66	10.49	10.74		
1.4	64QAM	6	0	10.66	10.56	10.56	11	0
1.4	256QAM	1	0	10.59	10.47	10.44		
1.4	256QAM	1	3	10.56	10.62	10.58		
1.4	256QAM	1	5	10.49	10.72	10.63	11	0
1.4	256QAM	3	0	10.65	10.61	10.55		
1.4	256QAM	3	1	10.68	10.78	10.66		
1.4	256QAM	3	3	10.62	10.45	10.83		
1.4	256QAM	6	0	10.61	10.68	10.57	11	0

Band 4 Ant 4 DSI7

BW [MHz]	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	12.81	12.88	12.62		
20	QPSK	1	49	12.75	12.74	12.65	14	0
20	QPSK	1	99	12.56	12.74	12.75		
20	QPSK	50	0	12.71	12.75	12.66		
20	QPSK	50	24	12.72	12.71	12.71	14	0
20	QPSK	50	50	12.60	12.71	12.72		
20	QPSK	100	0	12.62	12.64	12.59		
20	16QAM	1	0	12.73	12.68	12.61		
20	16QAM	1	49	12.70	12.68	12.76	14	0
20	16QAM	1	99	12.62	12.54	12.76		
20	16QAM	50	0	12.64	12.67	12.66		
20	16QAM	50	24	12.71	12.83	12.74	14	0
20	16QAM	50	50	12.55	12.70	12.63		
20	16QAM	100	0	12.71	12.57	12.65		
20

Band 5 Ant 4 DSI7

BW [MHz]	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	18.16	18.19	18.08		
10	QPSK	1	25	18.07	18.00	18.15	19.5	0
10	QPSK	1	49	18.06	18.07	18.02		
10	QPSK	25	0	18.00	18.02	17.96		
10	QPSK	25	12	17.70	17.84	17.59	19.5	0
10	QPSK	25	25	17.93	17.77	17.79		
10	QPSK	50	0	17.94	18.00	17.89		
10	16QAM	1	0	17.89	17.89	17.81		
10	16QAM	1	25	17.73	17.82	17.60	19.5	0
10	16QAM	1	49	17.88	17.87	17.83		
10	16QAM	25	0	17.96	18.12	18.12		
10	16QAM	25	12	17.96	17.98	17.83	19.5	0
10	16QAM	25	25	17.97	17.91	18.01		
10	16QAM	50	0	17.95	18.07	17.87		
10	64QAM	1	0	18.13	18.18	17.96		
10	64QAM	1	25	18.05	18.01	18.11	19.5	0
10	64QAM	1	49	18.13	18.13	18.09		
10	64QAM	25	0	18.04	18.11	18.02		
10	64QAM	25	12	18.01	17.88	18.04	19.5	0
10	64QAM	25	25	18.00	17.93	17.89		
10	64QAM	50	0	17.88	17.92	17.91		
10	256QAM	1	0	17.49	17.55	17.31		
10	256QAM	1	25	17.35	17.46	17.38	19	0.5
10	256QAM	1	49	17.34	17.41	17.38		
10	256QAM	25	0	17.61	17.51	17.61		
10	256QAM	25	12	17.31	17.48	17.41	19	0.5
10	256QAM	25	25	17.51	17.49	17.35		
10	256QAM	50	0	17.35	17.43	17.33		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	18.10	18.09	18.02		
5	QPSK	1	12	17.93	17.86	18.02	19.5	0
5	QPSK	1	24	17.93	18.02	17.91		
5	QPSK	12	0	17.90	17.97	17.90		
5	QPSK	12	7	17.60	17.77	17.52	19.5	0
5	QPSK	12	13	17.88	17.86	17.66		
5	QPSK	25	0	17.83	17.95	17.84		
5	16QAM	1	0	17.78	17.81	17.65		
5	16QAM	1	12	17.67	17.71	17.55	19.5	0
5	16QAM	1	24	17.75	17.71	17.79		
5	16QAM	12	0	17.90	18.07	18.00		
5	16QAM	12	7	17.84	17.84	17.77	19.5	0
5	16QAM	12	13	17.87	17.79	17.94		
5	16QAM	25	0	17.65	17.95	17.81		
5	64QAM	1	0	17.97	18.02	17.83		
5	64QAM	1	12	17.99	17.95	17.98	19.5	0
5	64QAM	1	24	17.99	18.05	17.96		
5	64QAM	12	0	18.06	18.04	17.98		
5	64QAM	12	7	17.94	17.94	18.02	19.5	0
5	64QAM	12	13	17.99	17.98	17.93		
5	64QAM	25	0	17.88	17.93	17.82		
5	256QAM	1	0	17.38	17.42	17.20		
5	256QAM	1	12	17.28	17.40	17.27	19	0.5
5	256QAM	1	24	17.19	17.30	17.24		
5	256QAM	12	0	17.53	17.46	17.48		
5	256QAM	12	7	17.22	17.39	17.34	19	0.5
5	256QAM	12	13	17.38	17.43	17.29		
5	256QAM	25	0	17.30	17.38	17.27		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	18.09	18.01	17.94		
3	QPSK	1	8	17.95	17.95	18.03	19.5	0
3	QPSK	1	14	17.94	17.98	17.88		
3	QPSK	8	0	17.94	17.89	17.82		
3	QPSK	8	4	17.62	17.77	17.54	19.5	0
3	QPSK	8	7	17.81	17.65	17.65		
3	QPSK	15	0	17.79	17.93	17.85		
3	16QAM	1	0	17.77	17.74	17.69		
3	16QAM	1	8	17.58	17.72	17.52	19.5	0
3	16QAM	1	14	17.74	17.71	17.73		
3	16QAM	8	0	17.87	18.01	17.98		
3	16QAM	8	4	17.92	17.92	17.75	19.5	0
3	16QAM	8	7	17.86	17.78	17.91		
3	16QAM	15	0	17.80	18.02	17.82		
3	64QAM	1	0	18.02	18.07	17.88		
3	64QAM	1	8	17.94	17.86	17.98	19.5	0
3	64QAM	1	14	18.07	18.02	18.04		
3	64QAM	8	0	18.08	18.11	17.97		
3	64QAM	8	4	18.01	17.91	18.06	19.5	0
3	64QAM	8	7	17.92	17.97	17.88		
3	64QAM	15	0	17.85	17.94	17.84		
3	256QAM	1	0	17.41	17.41	17.21		
3	256QAM	1	8	17.22	17.32	17.29	19	0.5
3	256QAM	1	14	17.30	17.29	17.30		
3	256QAM	8	0	17.48	17.43	17.53		
3	256QAM	8	4	17.23	17.39	17.32	19	0.5
3	256QAM	8	7	17.47	17.35	17.20		
3	256QAM	15	0	17.21	17.35	17.23		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	18.04	18.13	18.00		
1.4	QPSK	1	3	18.01	17.95	18.01		
1.4	QPSK	1	5	17.94	17.97	17.89	19.5	0
1.4	QPSK	3	0	17.86	17.89	17.85		
1.4	QPSK	3	1	17.63	17.72	17.53		
1.4	QPSK	3	3	17.82	17.63	17.71		
1.4	QPSK	6	0	17.89	17.93	17.77	19.5	0
1.4	16QAM	1	0	17.75	17.83	17.67		
1.4	16QAM	1	3	17.67	17.72	17.55		
1.4	16QAM	1	5	17.82	17.81	17.70	19.5	0
1.4	16QAM	3	0	17.82	17.98	18.00		
1.4	16QAM	3	1	17.84	17.94	17.73		
1.4	16QAM	3	3	17.89	17.76	17.97		
1.4	16QAM	6	0	17.84	17.94	17.75	19.5	0
1.4	64QAM	1	0	18.02	18.08	17.81		
1.4	64QAM	1	3	17.92	17.96	18.01		
1.4	64QAM	1	5	18.02	18.08	18.03	19.5	0
1.4	64QAM	3	0	18.02	18.08	17.81		
1.4	64QAM	3	1	17.92	17.96	18.01		
1.4	64QAM	3	3	18.02	18.08	18.03		
1.4	64QAM	6	0	18.06	18.04	17.98	19.5	0
1.4	256QAM	1	0	17.35	17.49	17.21		
1.4	256QAM	1	3	17.24	17.40	17.28		
1.4	256QAM	1	5	17.20	17.31	17.28	19	0.5
1.4	256QAM	3	0	17.52	17.42	17.46		
1.4	256QAM	3	1	17.22	17.41	17.29		
1.4	256QAM	3	3	17.39	17.36	17.19		
1.4	256QAM	6	0	17.24	17.28	17.25	19	0.5

Band 12 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	18.76	18.91	18.73		
10	QPSK	1	25	18.77	18.71	18.63	20	0
10	QPSK	1	49	18.68	18.79	18.64		
10	QPSK	25	0	18.56	18.61	18.46		
10	QPSK	25	12	18.59	18.50	18.58	20	0
10	QPSK	25	25	18.60	18.55	18.48		
10	QPSK	50	0	18.51	18.54	18.46		
10	16QAM	1	0	18.61	18.75	18.57		
10	16QAM	1	25	18.82	18.65	18.68	20	0
10	16QAM	1	49	18.67	18.62	18.58		
10	16QAM	25	0	18.66	18.74	18.64		
10	16QAM	25	12	18.65	18.60	18.62	20	0
10	16QAM	25	25	18.56	18.60	18.49		
10	16QAM	50	0	18.46	18.53	18.43		
10	64QAM	1	0	18.48	18.39	18.47		
10	64QAM	1	25	18.50	18.45	18.39	20	0
10	64QAM	1	49	18.34	18.41	18.32		
10	64QAM	25	0	18.52	18.66	18.47		
10	64QAM	25	12	18.62	18.59	18.60	20	0
10	64QAM	25	25	18.50	18.53	18.47		
10	64QAM	50	0	18.50	18.53	18.47		
10	256QAM	1	0	17.55	17.58	17.64		
10	256QAM	1	25	17.56	17.53	17.55	19	1
10	256QAM	1	49	17.48	17.50	17.55		
10	256QAM	25	0	17.42	17.42	17.50		
10	256QAM	25	12	17.42	17.41	17.41	19	1
10	256QAM	25	25	17.33	17.39	17.33		
10	256QAM	50	0	17.38	17.46	17.32		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	18.70	18.83	18.63		
5	QPSK	1	12	18.63	18.62	18.49	20	0
5	QPSK	1	24	18.54	18.68	18.52		
5	QPSK	12	0	18.42	18.46	18.38		
5	QPSK	12	7	18.50	18.43	18.42	20	0
5	QPSK	12	13	18.47	18.49	18.40		
5	QPSK	25	0	18.38	18.46	18.37		
5	16QAM	1	0	18.57	18.65	18.45		
5	16QAM	1	12	18.76	18.57	18.52	20	0
5	16QAM	1	24	18.54	18.50	18.45		
5	16QAM	12	0	18.52	18.69	18.56		
5	16QAM	12	7	18.54	18.46	18.47	20	0
5	16QAM	12	13	18.45	18.53	18.44		
5	16QAM	25	0	18.33	18.49	18.38		
5	64QAM	1	0	18.44	18.25	18.32		
5	64QAM	1	12	18.35	18.37	18.26	20	0
5	64QAM	1	24	18.20	18.34	18.24		
5	64QAM	12	0	18.40	18.59	18.40		
5	64QAM	12	7	18.48	18.53	18.53	20	0
5	64QAM	12	13	18.42	18.47	18.36		
5	64QAM	25	0	18.37	18.47	18.32		
5	256QAM	1	0	17.44	17.53	17.51		
5	256QAM	1	12	17.47	17.41	17.49	19	1
5	256QAM	1	24	17.36	17.40	17.50		
5	256QAM	12	0	17.35	17.35	17.42		
5	256QAM	12	7	17.29	17.28	17.36	19	1
5	256QAM	12	13	17.17	17.33	17.24		
5	256QAM	25	0	17.33	17.38	17.19		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	18.64	18.82	18.58		
3	QPSK	1	8	18.64	18.55	18.49	20	0
3	QPSK	1	14	18.60	18.68	18.59		
3	QPSK	8	0	18.50	18.46	18.35		
3	QPSK	8	4	18.48	18.45	18.47	20	0
3	QPSK	8	7	18.55	18.50	18.32		
3	QPSK	15	0	18.36	18.50	18.31		
3	16QAM	1	0	18.46	18.68	18.43		
3	16QAM	1	8	18.68	18.57	18.62	20	0
3	16QAM	1	14	18.62	18.57	18.50		
3	16QAM	8	0	18.51	18.67	18.54		
3	16QAM	8	4	18.60	18.45	18.54	20	0
3	16QAM	8	7	18.43	18.48	18.42		
3	16QAM	15	0	18.38	18.39	18.39		
3	64QAM	1	0	18.32	18.33	18.34		
3	64QAM	1	8	18.34	18.33	18.33	20	0
3	64QAM	1	14	18.27	18.28	18.24		
3	64QAM	8	0	18.44	18.51	18.32		
3	64QAM	8	4	18.49	18.52	18.49	20	0
3	64QAM	8	7	18.38	18.41	18.40		
3	64QAM	15	0	18.38	18.48	18.33		
3	256QAM	1	0	17.51	17.44	17.49		
3	256QAM	1	8	17.48	17.42	17.50	19	1
3	256QAM	1	14	17.38	17.38	17.39		
3	256QAM	8	0	17.36	17.33	17.36		
3	256QAM	8	4	17.32	17.26	17.28	19	1
3	256QAM	8	7	17.28	17.34	17.25		
3	256QAM	15	0	17.33	17.39	17.22		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	18.69	18.79	18.68		
1.4	QPSK	1	3	18.64	18.62	18.50		
1.4	QPSK	1	5	18.60	18.64	18.53	20	0
1.4	QPSK	3	0	18.49	18.53	18.42		
1.4	QPSK	3	1	18.43	18.45	18.44		
1.4	QPSK	3	3	18.54	18.46	18.42		
1.4	QPSK	6	0	18.36	18.49	18.38	20	0
1.4	16QAM	1	0	18.56	18.70	18.51		
1.4	16QAM	1	3	18.67	18.66	18.61		
1.4	16QAM	1	5	18.60	18.56	18.51	20	0
1.4	16QAM	3	0	18.61	18.61	18.53		
1.4	16QAM	3	1	18.53	18.52	18.48		
1.4	16QAM	3	3	18.48	18.40	18.37		
1.4	16QAM	6	0	18.39	18.45	18.30	20	0
1.4	64QAM	1	0	18.42	18.24	18.36		
1.4	64QAM	1	3	18.38	18.31	18.31		
1.4	64QAM	1	5	18.24	18.18	18.18	20	0
1.4	64QAM	3	0	18.47	18.58	18.39		
1.4	64QAM	3	1	18.55	18.49	18.49		
1.4	64QAM	3	3	18.46	18.43	18.43		
1.4	64QAM	6	0	18.39	18.40	18.41	20	0
1.4	256QAM	1	0	17.44	17.51	17.51		
1.4	256QAM	1	3	17.41	17.40	17.44		
1.4	256QAM	1	5	17.35	17.43	17.50	19	1
1.4	256QAM	3	0	17.38	17.31	17.42		
1.4	256QAM	3	1	17.32	17.25	17.33		
1.4	256QAM	3	3	17.28	17.27	17.26		
1.4	256QAM	6	0	17.24	17.42	17.26	19	1

Band 12 Ant 4 DSI7 sig path：300

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	18.87	18.99	18.86		
10	QPSK	1	25	18.90	18.77	18.68	20	0
10	QPSK	1	49	18.77	18.88	18.72		
10	QPSK	25	0	18.65	18.74	18.53		
10	QPSK	25	12	18.70	18.61	18.71	20	0
10	QPSK	25	25	18.68	18.70	18.57		
10	QPSK	50	0	18.61	18.70	18.55		
10	16QAM	1	0	18.67	18.84	18.72		
10	16QAM	1	25	18.97	18.73	18.72	20	0
10	16QAM	1	49	18.73	18.68	18.73		
10	16QAM	25	0	18.75	18.82	18.70		
10	16QAM	25	12	18.73	18.74	18.77	19	1
10	16QAM	25	25	18.62	18.72	18.63		
10	16QAM	50	0	18.50	18.67	18.54		
10	64QAM	1	0	18.60	18.53	18.62		
10	64QAM	1	25	18.57	18.52	18.47	19	1
10	64QAM	1	49	18.42	18.45	18.47		
10	64QAM	25	0	18.57	18.73	18.58		
10	64QAM	25	12	18.75	18.74	18.72	18	2
10	64QAM	25	25	18.66	18.59	18.61		
10	64QAM	50	0	18.55	18.60	18.55		
10	256QAM	1	0	17.66	17.65	17.72		
10	256QAM	1	25	17.66	17.64	17.70	16	4
10	256QAM	1	49	17.55	17.64	17.60		
10	256QAM	25	0	17.49	17.58	17.63		
10	256QAM	25	12	17.50	17.56	17.56	16	4
10	256QAM	25	25	17.38	17.49	17.40		
10	256QAM	50	0	17.42	17.55	17.46		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	18.88	18.94	18.85		
5	QPSK	1	12	18.90	18.84	18.75	20	0
5	QPSK	1	24	18.79	18.89	18.75		
5	QPSK	12	0	18.61	18.75	18.56		
5	QPSK	12	7	18.70	18.65	18.68	20	0
5	QPSK	12	13	18.65	18.63	18.53		
5	QPSK	25	0	18.58	18.60	18.58		
5	16QAM	1	0	18.68	18.84	18.64		
5	16QAM	1	12	18.87	18.80	18.80	20	0
5	16QAM	1	24	18.78	18.68	18.73		
5	16QAM	12	0	18.70	18.80	18.70		
5	16QAM	12	7	18.73	18.67	18.75	19	1
5	16QAM	12	13	18.66	18.66	18.55		
5	16QAM	25	0	18.53	18.62	18.58		
5	64QAM	1	0	18.59	18.52	18.58		
5	64QAM	1	12	18.56	18.56	18.44	19	1
5	64QAM	1	24	18.40	18.53	18.43		
5	64QAM	12	0	18.64	18.72	18.60		
5	64QAM	12	7	18.75	18.66	18.75	18	2
5	64QAM	12	13	18.64	18.62	18.63		
5	64QAM	25	0	18.59	18.65	18.62		
5	256QAM	1	0	17.63	17.69	17.77		
5	256QAM	1	12	17.68	17.68	17.69	16	4
5	256QAM	1	24	17.52	17.55	17.69		
5	256QAM	12	0	17.54	17.46	17.61		
5	256QAM	12	7	17.46	17.54	17.49	16	4
5	256QAM	12	13	17.37	17.48	17.43		
5	256QAM	25	0	17.45	17.59	17.43		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	18.86	18.86	18.83		
3	QPSK	1	8	18.82	18.82	18.76	20	0
3	QPSK	1	14	18.74	18.91	18.79		
3	QPSK	8	0	18.67	18.65	18.52		
3	QPSK	8	4	18.73	18.62	18.62	20	0
3	QPSK	8	7	18.75	18.61	18.64		
3	QPSK	15	0	18.56	18.64	18.56		
3	16QAM	1	0	18.75	18.81	18.64		
3	16QAM	1	8	18.88	18.80	18.79	20	0
3	16QAM	1	14	18.81	18.72	18.65		
3	16QAM	8	0	18.75	18.79	18.70		
3	16QAM	8	4	18.71	18.70	18.68	19	1
3	16QAM	8	7	18.62	18.64	18.58		
3	16QAM	15	0	18.56	18.63	18.52		
3	64QAM	1	0	18.55	18.44	18.59		
3	64QAM	1	8	18.58	18.57	18.44	19	1
3	64QAM	1	14	18.45	18.53	18.38		
3	64QAM	8	0	18.62	18.75	18.52		
3	64QAM	8	4	18.75	18.71	18.69	18	2
3	64QAM	8	7	18.55	18.65	18.58		
3	64QAM	15	0	18.55	18.68	18.60		
3	256QAM	1	0	17.70	17.67	17.72		
3	256QAM	1	8	17.67	17.58	17.71	16	4
3	256QAM	1	14	17.55	17.63	17.64		
3	256QAM	8	0	17.46	17.57	17.63		
3	256QAM	8	4	17.48	17.50	17.63	16	4
3	256QAM	8	7	17.48	17.44	17.49		
3	256QAM	15	0	17.54	17.59	17.43		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	18.89	18.76	18.84		
1.4	QPSK	1	3	18.82	18.76	18.69		
1.4	QPSK	1	5	18.72	18.93	18.76	20	0
1.4	QPSK	3	0	18.64	18.69	18.52		
1.4	QPSK	3	1	18.64	18.62	18.64		
1.4	QPSK	3	3	18.74	18.62	18.53		
1.4	QPSK	6	0	18.61	18.66	18.51	20	0
1.4	16QAM	1	0	18.75	18.88	18.62		
1.4	16QAM	1	3	18.89	18.81	18.82		
1.4	16QAM	1	5	18.82	18.66	18.69	20	0
1.4	16QAM	3	0	18.81	18.81	18.71		
1.4	16QAM	3	1	18.78	18.74	18.76		
1.4	16QAM	3	3	18.68	18.71	18.55		
1.4	16QAM	6	0	18.54	18.65	18.51	19	1
1.4	64QAM	1	0	18.57	18.48	18.57		
1.4	64QAM	1	3	18.56	18.60	18.53		
1.4	64QAM	1	5	18.38	18.55	18.37	19	1
1.4	64QAM	3	0	18.66	18.76	18.58		
1.4	64QAM	3	1	18.67	18.73	18.65		
1.4	64QAM	3	3	18.65	18.69	18.52		
1.4	64QAM	6	0	18.55	18.69	18.63	18	2
1.4	256QAM	1	0	17.67	17.65	17.73		
1.4	256QAM	1	3	17.62	17.61	17.68		
1.4	256QAM	1	5	17.58	17.65	17.67	16	4
1.4	256QAM	3	0	17.49	17.57	17.56		
1.4	256QAM	3	1	17.57	17.56	17.46		
1.4	256QAM	3	3	17.37	17.44	17.40		
1.4	256QAM	6	0	17.50	17.60	17.43	16	4

Band 13 Ant 4 DSI7

BW [MHz]	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		18.75		20	0
10	QPSK	1	25		18.70			
10	QPSK	1	49		18.71			
10	QPSK	25	0		18.69		20	0
10	QPSK	25	12		18.52			
10	QPSK	25	25		18.61			
10	QPSK	50	0		18.58			
10	16QAM	1	0		18.60		20	0
10	16QAM	1	25		18.57			
10	16QAM	1	49		18.71			
10	16QAM	25	0		18.68		20	0
10	16QAM	25	12		18.64			
10	16QAM	25	25		18.65			
10	16QAM	50	0		18.54			
10	64QAM	1	0		18.65		20	0
10	64QAM	1	25		18.57			
10	64QAM	1	49		18.59			
10	64QAM	25	0		18.55		20	0
10	64QAM	25	12		18.41			
10	64QAM	25	25		18.46			
10	64QAM	50	0		18.48			
10	256QAM	1	0		17.45		19	1
10	256QAM	1	25		17.39			
10	256QAM	1	49		17.32			
10	256QAM	25	0		17.63		19	1
10	256QAM	25	12		17.52			
10	256QAM	25	25		17.49			
10	256QAM	50	0		17.51			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	18.66	18.59	18.57	20	0
5	QPSK	1	12	18.54	18.65	18.55		
5	QPSK	1	24	18.55	18.64	18.66		
5	QPSK	12	0	18.51	18.56	18.52	20	0
5	QPSK	12	7	18.48	18.36	18.51		
5	QPSK	12	13	18.62	18.50	18.53		
5	QPSK	25	0	18.56	18.55	18.46		
5	16QAM	1	0	18.57	18.56	18.52	20	0
5	16QAM	1	12	18.47	18.48	18.42		
5	16QAM	1	24	18.72	18.70	18.67		
5	16QAM	12	0	18.64	18.54	18.49	20	0
5	16QAM	12	7	18.49	18.51	18.62		
5	16QAM	12	13	18.49	18.53	18.50		
5	16QAM	25	0	18.46	18.34	18.48		
5	64QAM	1	0	18.54	18.53	18.46	20	0
5	64QAM	1	12	18.49	18.57	18.48		
5	64QAM	1	24	18.47	18.53	18.53		
5	64QAM	12	0	18.42	18.46	18.44	20	0
5	64QAM	12	7	18.34	18.22	18.46		
5	64QAM	12	13	18.57	18.45	18.39		
5	64QAM	25	0	18.50	18.48	18.35		
5	256QAM	1	0	17.44	17.37	17.28	19	1
5	256QAM	1	12	17.31	17.35	17.26		
5	256QAM	1	24	17.13	17.13	17.26		
5	256QAM	12	0	17.49	17.47	17.49	19	1
5	256QAM	12	7	17.42	17.49	17.49		
5	256QAM	12	13	17.38	17.29	17.34		
5	256QAM	25	0	17.36	17.43	17.35		

Band 13 Ant 4 DSI7 sig path：378

BW [MHz]	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		18.56		20	0
10	QPSK	1	25		18.43			
10	QPSK	1	49		18.30			
10	QPSK	25	0		18.51		20	0
10	QPSK	25	12		17.44			
10	QPSK	25	25		18.29			
10	QPSK	50	0		18.45			
10	16QAM	1	0		18.39		20	0
10	16QAM	1	25		18.46			
10	16QAM	1	49		18.32			
10	16QAM	25	0		18.49		20	0
10	16QAM	25	12		18.43			
10	16QAM	25	25		18.39			
10	16QAM	50	0		18.27			
10	64QAM	1	0		18.45		20	0
10	64QAM	1	25		18.34			
10	64QAM	1	49		18.19			
10	64QAM	25	0		18.46		20	0
10	64QAM	25	12		17.31			
10	64QAM	25	25		18.21			
10	64QAM	50	0		18.33			
10	256QAM	1	0		17.25		19	1
10	256QAM	1	25		17.22			
10	256QAM	1	49		17.16			
10	256QAM	25	0		17.36		19	1
10	256QAM	25	12		17.37			
10	256QAM	25	25		17.26			
10	256QAM	50	0		17.32			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	18.45	18.46	18.42	20	0
5	QPSK	1	12	18.38	18.23	18.25		
5	QPSK	1	24	18.15	18.05	18.24		
5	QPSK	12	0	18.23	18.28	18.22	20	0
5	QPSK	12	7	18.31	18.37	18.48		
5	QPSK	12	13	18.16	18.32	18.23		
5	QPSK	25	0	18.30	18.35	18.19		
5	16QAM	1	0	18.29	18.33	18.37	20	0
5	16QAM	1	12	18.33	18.28	18.31		
5	16QAM	1	24	18.14	18.14	18.19		
5	16QAM	12	0	18.44	18.35	18.34	20	0
5	16QAM	12	7	18.35	18.32	18.28		
5	16QAM	12	13	18.30	18.26	18.30		
5	16QAM	25	0	18.19	18.21	18.17		
5	64QAM	1	0	18.30	18.35	18.35	20	0
5	64QAM	1	12	18.33	18.13	18.20		
5	64QAM	1	24	18.02	17.95	18.15		
5	64QAM	12	0	18.10	18.18	18.07	20	0
5	64QAM	12	7	18.23	18.22	18.34		
5	64QAM	12	13	18.04	18.23	18.09		
5	64QAM	25	0	18.24	18.27	18.13		
5	256QAM	1	0	17.13	17.14	17.20	19	1
5	256QAM	1	12	17.16	17.12	17.13		
5	256QAM	1	24	17.11	17.00	17.09		
5	256QAM	12	0	17.27	17.29	17.26	19	1
5	256QAM	12	7	17.23	17.22	17.31		
5	256QAM	12	13	17.13	17.12	17.20		
5	256QAM	25	0	17.27	17.19	17.20		

Band 14 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		19.99		21	0
10	QPSK	1	25		19.98			
10	QPSK	1	49		19.88			
10	QPSK	25	0		19.77		21	0
10	QPSK	25	12		19.71			
10	QPSK	25	25		19.74			
10	QPSK	50	0		19.65			
10	16QAM	1	0		19.87		21	0
10	16QAM	1	25		19.86			
10	16QAM	1	49		19.98			
10	16QAM	25	0		19.92		21	0
10	16QAM	25	12		19.91			
10	16QAM	25	25		19.81			
10	16QAM	50	0		19.72			
10	64QAM	1	0		19.58		21	0
10	64QAM	1	25		19.68			
10	64QAM	1	49		19.54			
10	64QAM	25	0		19.62		21	0
10	64QAM	25	12		19.68			
10	64QAM	25	25		19.63			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.64		19	2
10	256QAM	1	25		17.60			
10	256QAM	1	49		17.59			
10	256QAM	25	0		17.70		19	2
10	256QAM	25	12		17.66			
10	256QAM	25	25		17.70			
10	256QAM	50	0		17.71			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	19.91	19.88	19.89	21	0
5	QPSK	1	12	19.78	19.97	19.79		
5	QPSK	1	24	19.88	19.91	19.86		
5	QPSK	12	0	19.67	19.60	19.58	21	0
5	QPSK	12	7	19.54	19.54	19.66		
5	QPSK	12	13	19.58	19.63	19.66		
5	QPSK	25	0	19.62	19.56	19.46		
5	16QAM	1	0	19.86	19.96	19.97	21	0
5	16QAM	1	12	19.76	19.95	19.93		
5	16QAM	1	24	19.93	19.90	19.98		
5	16QAM	12	0	19.79	19.77	19.84	21	0
5	16QAM	12	7	19.66	19.88	19.73		
5	16QAM	12	13	19.82	19.78	19.74		
5	16QAM	25	0	19.53	19.52	19.52		
5	64QAM	1	0	19.46	19.43	19.55	21	0
5	64QAM	1	12	19.51	19.52	19.55		
5	64QAM	1	24	19.52	19.49	19.41		
5	64QAM	12	0	19.50	19.49	19.55	21	0
5	64QAM	12	7	19.54	19.54	19.60		
5	64QAM	12	13	19.48	19.51	19.56		
5	64QAM	25	0	19.39	19.37	19.38		
5	256QAM	1	0	17.59	17.48	17.58	19	2
5	256QAM	1	12	17.52	17.48	17.51		
5	256QAM	1	24	17.54	17.52	17.44		
5	256QAM	12	0	17.64	17.57	17.65	19	2
5	256QAM	12	7	17.54	17.55	17.59		
5	256QAM	12	13	17.58	17.66	17.58		
5	256QAM	25	0	17.63	17.59	17.59		

Band 14 Ant 4 DSI7 sig path：381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		19.89		21	0
10	QPSK	1	25		19.79			
10	QPSK	1	49		19.84			
10	QPSK	25	0		19.71		21	0
10	QPSK	25	12		19.58			
10	QPSK	25	25		19.50			
10	QPSK	50	0		19.68			
10	16QAM	1	0		19.88		21	0
10	16QAM	1	25		19.75			
10	16QAM	1	49		19.76			
10	16QAM	25	0		19.78		21	0
10	16QAM	25	12		19.67			
10	16QAM	25	25		19.71			
10	16QAM	50	0		19.63			
10	64QAM	1	0		19.51		21	0
10	64QAM	1	25		19.42			
10	64QAM	1	49		19.62			
10	64QAM	25	0		19.60		21	0
10	64QAM	25	12		19.48			
10	64QAM	25	25		19.46			
10	64QAM	50	0		19.63			
10	256QAM	1	0		17.57		19	2
10	256QAM	1	25		17.53			
10	256QAM	1	49		17.44			
10	256QAM	25	0		17.47		19	2
10	256QAM	25	12		17.48			
10	256QAM	25	25		17.52			
10	256QAM	50	0		17.50			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	19.80	19.82	19.75	21	0
5	QPSK	1	12	19.81	19.70	19.78		
5	QPSK	1	24	19.66	19.72	19.72		
5	QPSK	12	0	19.63	19.63	19.57	21	0
5	QPSK	12	7	19.50	19.44	19.49		
5	QPSK	12	13	19.37	19.44	19.36		
5	QPSK	25	0	19.62	19.60	19.59		
5	16QAM	1	0	19.78	19.80	19.78	21	0
5	16QAM	1	12	19.62	19.64	19.63		
5	16QAM	1	24	19.63	19.66	19.62		
5	16QAM	12	0	19.70	19.71	19.70	21	0
5	16QAM	12	7	19.66	19.61	19.68		
5	16QAM	12	13	19.52	19.67	19.66		
5	16QAM	25	0	19.55	19.57	19.46		
5	64QAM	1	0	19.43	19.35	19.36	21	0
5	64QAM	1	12	19.25	19.30	19.25		
5	64QAM	1	24	19.53	19.52	19.48		
5	64QAM	12	0	19.55	19.46	19.47	21	0
5	64QAM	12	7	19.39	19.36	19.37		
5	64QAM	12	13	19.38	19.32	19.39		
5	64QAM	25	0	19.56	19.57	19.53		
5	256QAM	1	0	17.48	17.49	17.48	19	2
5	256QAM	1	12	17.38	17.48	17.38		
5	256QAM	1	24	17.33	17.36	17.40		
5	256QAM	12	0	17.41	17.34	17.39	19	2
5	256QAM	12	7	17.42	17.43	17.35		
5	256QAM	12	13	17.41	17.36	17.42		
5	256QAM	25	0	17.40	17.34	17.37		

Band 25 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	10.26	10.34	10.30	11	0
20	QPSK	1	49	10.23	10.14	10.17		
20	QPSK	1	99	10.23	10.16	10.23		
20	QPSK	50	0	10.21	10.31	10.25	11	0
20	QPSK	50	24	10.20	10.20	10.20		
20	QPSK	50	50	10.20	10.16	10.23		
20	QPSK	100	0	10.09	10.30	10.23		
20	16QAM	1	0	10.19	10.18	10.18	11	0
20	16QAM	1	49	10.20	10.26	10.26		
20	16QAM	1	99	10.09	10.13	10.12		
20	16QAM	50	0	10.23	10.22	10.19	11	0
20	16QAM	50	24	10.12	10.27	10.21		
20	16QAM	50	50	10.17	10.23	10.15		
20	16QAM	100	0	10.26	10.14	10.28	11	0
20	64QAM	1	0	10.19	10.24	10.18		
20	64QAM	1	49	10.28	10.27	10.28		
20	64QAM	1	99	10.28	10.14	10.33		
20	64QAM	50	0	10.19	10.13	10.29	11	0
20	64QAM	50	24	10.29	10.24	10.20		
20	64QAM	50	50	10.25	10.25	10.25		
20	64QAM	100	0	10.17	10.26	10.20	11	0
20	256QAM	1	0	10.22	10.21	10.21		
20	256QAM	1	49	10.14	10.12	10.16		
20	256QAM	1	99	10.17	10.23	10.12		
20	256QAM	50	0	10.29	10.16	10.23	11	0
20	256QAM	50	24	10.26	10.25	10.27		
20	256QAM	50	50	10.22	10.33	10.30		
20	256QAM	100	0	10.27	10.23	10.23		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	10.23	10.23	10.13	11	0
15	QPSK	1	37	10.16	9.95	10.15		
15	QPSK	1	74	10.22	10.07	10.22		
15	QPSK	36	0	10.13	10.17	10.23	11	0
15	QPSK	36	20	10.18	10.19	10.12		
15	QPSK	36	39	10.02	10.00	10.10		
15	QPSK	75	0	10.00	10.20	10.22		
15	16QAM	1	0	10.00	10.01	10.08	11	0
15	16QAM	1	37	10.01	10.24	10.08		
15	16QAM	1	74	9.95	10.06	10.00		
15	16QAM	36	0	10.16	10.18	10.00	11	0
15	16QAM	36	20	9.94	10.10	10.01		
15	16QAM	36	39	10.11	10.05	9.98		
15	16QAM	75	0	10.20	9.97	10.14		
15	64QAM	1	0	10.03	10.18	10.18	11	0
15	64QAM	1	37	10.22	10.11	10.14		
15	64QAM	1	74	10.12	10.10	10.23		
15	64QAM	36	0	10.18	10.00	10.20	11	0
15	64QAM	36	20	10.16	10.12	10.01		
15	64QAM	36	39	10.24	10.25	10.19		
15	64QAM	75	0	10.05	10.23	10.00	11	0
15	256QAM	1	0	10.04	10.15	10.03		
15	256QAM	1	37	10.05	9.99	10.00		
15	256QAM	1	74	9.98	10.10	10.01		
15	256QAM	36	0	10.16	10.03	10.16	11	0
15	256QAM	36	20	10.06	10.07	10.21		
15	256QAM	36	39	10.17	10.31	10.14		
15	256QAM	75	0	10.26	10.19	10.07		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	10.22	10.17	10.22	11	0
10	QPSK	1	25	10.11	9.98	10.05		
10	QPSK	1	49	10.12	10.01	10.10		
10	QPSK	25	0	10.08	10.13	10.08	11	0
10	QPSK	25	12	10.10	10.17	10.07		
10	QPSK	25	25	10.16	10.15	10.05		
10	QPSK	50	0	10.00	10.25	10.21		
10	16QAM	1	0	10.03	10.15	10.12	11	0
10	16QAM	1	25	10.07	10.19	10.14		
10	16QAM	1	49	10.07	10.12	10.03		
10	16QAM	25	0	10.13	10.05	10.13	11	0
10	16QAM	25	12	10.04	10.09	10.04		
10	16QAM	25	25	10.02	10.19	10.00		
10	16QAM	50	0	10.14	10.07	10.20		
10	64QAM	1	0	10.09	10.20	10.07	11	0
10	64QAM	1	25	10.28	10.11	10.12		
10	64QAM	1	49	10.22	10.00	10.22		
10	64QAM	25	0	10.13	10.06	10.15	11	0
10	64QAM	25	12	10.12	10.14	10.05		
10	64QAM	25	25	10.07	10.07	10.13		
10	64QAM	50	0	10.02	10.24	10.13		
10	256QAM	1	0	10.18	10.03	10.21	11	0
10	256QAM	1	25	10.14	9.99	10.06		
10	256QAM	1	49	10.15	10.23	9.92		
10	256QAM	25	0	10.11	10.01	10.15	11	0
10	256QAM	25	12	10.19	10.19	10.13		
10	256QAM	25	25	10.16	10.18	10.23		
10	256QAM	50	0	10.08	10.06	10.09		
Channel				26065	26340	26965	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	10.20	10.16	10.26	11	0
5	QPSK	1	12	10.05	10.08	10.08		
5	QPSK	1	24	10.03	9.97	10.20		
5	QPSK	12	0	10.14	10.19	10.23	11	0
5	QPSK	12	7	10.07	10.07	10.06		
5	QPSK	12	13	10.19	10.10	10.22		
5	QPSK	25	0	9.91	10.24	10.10		
5	16QAM	1	0	10.08	10.10	10.03	11	0
5	16QAM	1	12	10.13	10.21	10.22		
5	16QAM	1	24	10.07	10.03	10.03		
5	16QAM	12	0	10.19	10.20	10.00	11	0
5	16QAM	12	7	10.05	10.19	10.20		
5	16QAM	12	13	9.99	10.21	10.09		
5	16QAM	25	0	10.15	10.06	10.12		
5	64QAM	1	0	10.04	10.05	10.13	11	0
5	64QAM	1	12	10.15	10.08	10.11		
5	64QAM	1	24	10.24	10.06	10.17		
5	64QAM	12	0	10.11	10.10	10.25	11	0
5	64QAM	12	7	10.19	10.19	10.10		
5	64QAM	12	13	10.17	10.21	10.19		
5	64QAM	25	0	10.07	10.17	10.06		
5	256QAM	1	0	10.07	10.11	10.17	11	0
5	256QAM	1	12	10.01	10.09	9.97		
5	256QAM	1	24	10.15	10.14	10.02		
5	256QAM	12	0	10.16	10.02	10.09	11	0
5	256QAM	12	7	10.12	10.15	10.15		
5	256QAM	12	13	10.14	10.27	10.13		
5	256QAM	25	0	10.24	10.14	10.03		
Channel				26055	26340	26575	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	10.07	10.22	10.13	11	0
3	QPSK	1	8	10.07	10.03	10.14		
3	QPSK	1	14	10.20	10.06	10.15	11	0
3	QPSK	8	0	10.14	10.23	10.09		
3	QPSK	8	4	10.15	10.09	10.10		
3	QPSK	8	7	10.03	10.09	10.05		
3	QPSK	15	0	9.97	10.17	10.14		
3	16QAM	1	0	10.01	10.09	10.03	11	0
3	16QAM	1	8	10.15	10.09	10.17		
3	16QAM	1	14	10.02	10.10	9.92		
3	16QAM	8	0	10.17	10.10	10.15	11	0
3	16QAM	8	4	9.99	10.22	10.07		
3	16QAM	8	7	10.12	10.08	10.03		
3	16QAM	15	0	10.19	10.03	10.19	11	0
3	64QAM	1	0	10.05	10.07	10.11		
3	64QAM	1	8	10.13	10.18	10.16		
3	64QAM	1	14	10.21	10.12	10.30		
3	64QAM	8	0	10.01	10.03	10.18	11	0
3	64QAM	8	4	10.23	10.19	10.11		
3	64QAM	8	7	10.15	10.11	10.09		
3	64QAM	15	0	9.99	10.23	10.15		
3	256QAM	1	0	10.14	10.09	10.09	11	0
3	256QAM	1	8	10.04	10.07	10.05		
3	256QAM	1	14	10.07	10.10	10.08		
3	256QAM	8	0	10.27	9.99	10.12	11	0
3	256QAM	8	4	10.20	10.12	10.15		
3	256QAM	8	7	10.07	10.33	10.19		
3	256QAM	15	0	10.26	10.08	10.22		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	10.23	10.30	10.13	11	0
1.4	QPSK	1	3	10.18	10.08	10.13		
1.4	QPSK	1	5	10.16	10.09	10.23		
1.4	QPSK	3	0	10.11	10.17	10.19		
1.4	QPSK	3	1	10.11	10.19	10.15		
1.4	QPSK	3	3	10.09	10.16	10.18		
1.4	QPSK	6	0	10.00	10.21	10.18	11	0
1.4	16QAM	1	0	10.11	10.12	10.04	11	0
1.4	16QAM	1	3	10.09	10.22	10.08		
1.4	16QAM	1	5	9.94	10.11	10.10		
1.4	16QAM	3	0	10.14	10.15	10.13		
1.4	16QAM	3	1	10.02	10.07	10.21		
1.4	16QAM	3	3	10.16	10.10	9.97		
1.4	16QAM	6	0	10.09	10.03	10.26	11	0
1.4	64QAM	1	0	10.12	10.05	10.14	11	0
1.4	64QAM	1	3	10.08	10.26	10.14		
1.4	64QAM	1	5	10.12	10.04	10.20		
1.4	64QAM	3	0	10.18	10.01	10.11		
1.4	64QAM	3	1	10.28	10.18	10.10		
1.4	64QAM	3	3	10.23	10.07	10.23		
1.4	64QAM	6	0	9.99	10.10	10.11	11	0
1.4	256QAM	1	0	10.19	10.04	10.14	11	0
1.4	256QAM	1	3	10.08	10.05	9.98		
1.4	256QAM	1	5	10.02	10.20	10.01		
1.4	256QAM	3	0	10.21	10.03	10.11		
1.4	256QAM	3	1	10.14	10.19	10.13		
1.4	256QAM	3	3	10.15	10.19	10.18		
1.4	256QAM	6	0	10.19	10.08	10.17	11	0

Band 26 for FCC Ant 4 DSI7

BW [MHz]	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	22.30	22.35	22.26	23.5	0
15	QPSK	1	37	22.29	22.31	22.23		
15	QPSK	1	74	22.34	22.26	22.30		
15	QPSK	36	0	21.62	21.65	21.55	23	0.5
15	QPSK	36	20	21.56	21.61	21.59		
15	QPSK	36	39	21.57	21.56	21.59		
15	QPSK	75	0	21.55	21.57	21.54		
15	16QAM	1	0	21.63	21.62	21.61	23	0.5
15	16QAM	1	37	21.60	21.60	21.59		
15	16QAM	1	74	21.56	21.51	21.59		
15	16QAM	36	0	20.55	20.57	20.48	22	1.5
15	16QAM	36	20	20.46	20.53	20.47		
15	16QAM	36	39	20.45	20.53	20.38		
15	16QAM	75	0	20.48	20.55	20.46		
15	64QAM	1	0	20.59	20.53	20.49	22	1.5
15	64QAM	1	37	20.47	20.47	20.41		
15	64QAM	1	74	20.43	20.48	20.49		
15	64QAM	36	0	19.50	19.48	19.53	21	2.5
15	64QAM	36	20	19.35	19.43	19.37		
15	64QAM	36	39	19.55	19.46	19.57		
15	64QAM	75	0	19.45	19.45	19.49		
15	256QAM	1	0	17.59	17.59	17.62	19	4.5
15	256QAM	1	37	17.57	17.57	17.59		
15	256QAM	1	74	17.48	17.50	17.44		
15	256QAM	36	0	17.58	17.55	17.51	19	4.5
15	256QAM	36	20	17.49	17.49	17.39		
15	256QAM	36	39	17.40	17.40	17.42		
15	256QAM	75	0	17.42	17.51	17.47		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.17	22.17	22.15	23.5	0
10	QPSK	1	25	22.28	22.14	22.12		
10	QPSK	1	49	22.27	22.16	22.25		
10	QPSK	25	0	21.58	21.47	21.38	23	0.5
10	QPSK	25	12	21.49	21.48	21.54		
10	QPSK	25	25	21.43	21.45	21.42		
10	QPSK	50	0	21.51	21.45	21.52		
10	16QAM	1	0	21.54	21.42	21.53	23	0.5
10	16QAM	1	25	21.42	21.54	21.55		
10	16QAM	1	49	21.44	21.32	21.54		
10	16QAM	25	0	20.49	20.49	20.36	22	1.5
10	16QAM	25	12	20.31	20.42	20.33		
10	16QAM	25	25	20.36	20.42	20.27		
10	16QAM	50	0	20.35	20.36	20.31		
10	64QAM	1	0	20.47	20.52	20.34	22	1.5
10	64QAM	1	25	20.28	20.36	20.23		
10	64QAM	1	49	20.27	20.48	20.40		
10	64QAM	25	0	19.48	19.45	19.34	21	2.5
10	64QAM	25	12	19.34	19.41	19.30		
10	64QAM	25	25	19.48	19.42	19.56		
10	64QAM	50	0	19.41	19.27	19.41		
10	256QAM	1	0	17.45	17.57	17.50	19	4.5
10	256QAM	1	25	17.45	17.53	17.54		
10	256QAM	1	49	17.32	17.31	17.40		
10	256QAM	25	0	17.55	17.44	17.46	19	4.5
10	256QAM	25	12	17.48	17.46	17.29		
10	256QAM	25	25	17.24	17.35	17.31		
10	256QAM	50	0	17.38	17.48	17.41		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.28	22.23	22.14	23.5	0
5	QPSK	1	12	22.27	22.31	22.16		
5	QPSK	1	24	22.18	22.07	22.27		
5	QPSK	12	0	21.52	21.58	21.49	23	0.5
5	QPSK	12	7	21.49	21.54	21.45		
5	QPSK	12	13	21.44	21.46	21.40		
5	QPSK	25	0	21.46	21.53	21.47		
5	16QAM	1	0	21.59	21.60	21.42	23	0.5
5	16QAM	1	12	21.43	21.57	21.47		
5	16QAM	1	24	21.36	21.31	21.47		
5	16QAM	12	0	20.53	20.56	20.30	22	1.5
5	16QAM	12	7	20.41	20.50	20.35		
5	16QAM	12	13	20.26	20.43	20.19		
5	16QAM	25	0	20.48	20.45	20.31		
5	64QAM	1	0	20.52	20.33	20.30	22	1.5
5	64QAM	1	12	20.38	20.28	20.34		
5	64QAM	1	24	20.39	20.34	20.42		
5	64QAM	12	0	19.44	19.40	19.51	21	2.5
5	64QAM	12	7	19.25	19.42	19.22		
5	64QAM	12	13	19.54	19.34	19.40		
5	64QAM	25	0	19.33	19.44	19.32		
5	256QAM	1	0	17.54	17.41	17.46	19	4.5
5	256QAM	1	12	17.48	17.54	17.55		
5	256QAM	1	24	17.41	17.40	17.30		
5	256QAM	12	0	17.41	17.40	17.44	19	4.5
5	256QAM	12	7	17.47	17.34	17.38		
5	256QAM	12	13	17.23	17.21	17.27		
5	256QAM	25	0	17.37	17.49	17.33		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.14	22.22	22.13	23.5	0
3	QPSK	1	8	22.16	22.18	22.17		
3	QPSK	1	14	22.26	22.16	22.17		
3	QPSK	8	0	21.56	21.54	21.36	23	0.5
3	QPSK	8	4	21.37	21.47	21.40		
3	QPSK	8	7	21.54	21.38	21.43		
3	QPSK	15	0	21.41	21.38	21.40		
3	16QAM	1	0	21.48	21.51	21.58	23	0.5
3	16QAM	1	8	21.44	21.54	21.45		
3	16QAM	1	14	21.41	21.36	21.48		
3	16QAM	8	0	20.38	20.56	20.29	22	1.5
3	16QAM	8	4	20.38	20.52	20.31		
3	16QAM	8	7	20.27	20.39	20.33		
3	16QAM	15	0	20.37	20.40	20.38		
3	64QAM	1	0	20.41	20.46	20.41	22	1.5
3	64QAM	1	8	20.45	20.47	20.28		
3	64QAM	1	14	20.35	20.47	20.49		
3	64QAM	8	0	19.34	19.46	19.35	21	2.5
3	64QAM	8	4	19.29	19.32	19.25		
3	64QAM	8	7	19.48	19.33	19.46		
3	64QAM	15	0	19.42	19.26	19.36		
3	256QAM	1	0	17.55	17.41	17.49	19	4.5
3	256QAM	1	8	17.45	17.53	17.53		
3	256QAM	1	14	17.36	17.41	17.33		
3	256QAM	8	0	17.45	17.50	17.32	19	4.5
3	256QAM	8	4	17.43	17.33	17.34		
3	256QAM	8	7	17.40	17.38	17.42		
3	256QAM	15	0	17.28	17.34	17.47		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.24	22.17	22.13	23.5	0
1.4	QPSK	1	3	22.14	22.17	22.05		
1.4	QPSK	1	5	22.33	22.12	22.25		
1.4	QPSK	3	0	22.26	22.30	22.16		
1.4	QPSK	3	1	22.28	22.21	22.14		
1.4	QPSK	3	3	22.20	22.19	22.23		
1.4	QPSK	6	0	21.59	21.65	21.53	23	0.5
1.4	16QAM	1	0	21.43	21.57	21.53	23	0.5
1.4	16QAM	1	3	21.50	21.38	21.44		
1.4	16QAM	1	5	21.55	21.39	21.52		
1.4	16QAM	3	0	21.55	21.50	21.61		
1.4	16QAM	3	1	21.59	21.60	21.45		
1.4	16QAM	3	3	21.45	21.31	21.54		
1.4	16QAM	6	0	20.51	20.46	20.42	22	1.5
1.4	64QAM	1	0	20.34	20.49	20.37	22	1.5
1.4	64QAM	1	3	20.33	20.53	20.26		
1.4	64QAM	1	5	20.39	20.53	20.32		
1.4	64QAM	3	0	20.43	20.45	20.31		
1.4	64QAM	3	1	20.46	20.46	20.40		
1.4	64QAM	3	3	20.42	20.29	20.35		

Band 26 for FCC Ant 4 DSI7 sig path：320

BW [MHz]	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	22.54	22.65	22.58	23.5	0
15	QPSK	1	37	22.56	22.59	22.52		
15	QPSK	1	74	22.53	22.50	22.60		
15	QPSK	36	0	21.97	22.05	21.96	23	0.5
15	QPSK	36	20	22.01	21.93	22.03		
15	QPSK	36	39	21.99	21.85	21.98		
15	QPSK	75	0	21.88	21.89	21.88		
15	16QAM	1	0	21.96	22.03	21.90	23	0.5
15	16QAM	1	37	21.85	21.87	21.90		
15	16QAM	1	74	21.95	21.97	21.96		
15	16QAM	36	0	20.92	20.91	20.96	22	1.5
15	16QAM	36	20	20.78	20.85	20.89		
15	16QAM	36	39	20.71	20.83	20.84		
15	16QAM	75	0	20.88	20.88	20.88		
15	64QAM	1	0	20.87	21.00	20.79	22	1.5
15	64QAM	1	37	20.91	20.85	20.96		
15	64QAM	1	74	20.78	20.93	20.89		
15	64QAM	36	0	19.99	19.99	19.98	21	2.5
15	64QAM	36	20	19.95	19.93	20.00		
15	64QAM	36	39	19.94	19.92	19.90		
15	64QAM	75	0	19.97	19.87	20.02		
15	256QAM	1	0	17.71	17.79	17.65	19	4.5
15	256QAM	1	37	17.69	17.85	17.63		
15	256QAM	1	74	17.79	17.80	17.94		
15	256QAM	36	0	17.82	17.85	17.96	19	4.5
15	256QAM	36	20	17.74	17.90	17.61		
15	256QAM	36	39	17.84	17.74	17.71		
15	256QAM	75	0	17.81	17.79	17.78		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.59	22.56	22.56	23.5	0
10	QPSK	1	25	22.60	22.57	22.58		
10	QPSK	1	49	22.59	22.55	22.55		
10	QPSK	25	0	21.90	21.88	21.79	23	0.5
10	QPSK	25	12	21.88	21.76	21.91		
10	QPSK	25	25	21.92	21.78	21.82		
10	QPSK	50	0	21.79	21.83	21.72		
10	16QAM	1	0	21.81	21.95	21.80	23	0.5
10	16QAM	1	25	21.73	21.84	21.76		
10	16QAM	1	49	21.93	21.85	21.88		
10	16QAM	25	0	20.78	20.75	20.87	22	1.5
10	16QAM	25	12	20.73	20.79	20.86		
10	16QAM	25	25	20.68	20.69	20.75		
10	16QAM	50	0	20.79	20.70	20.84		
10	64QAM	1	0	20.72	20.88	20.71	22	1.5
10	64QAM	1	25	20.76	20.73	20.89		
10	64QAM	1	49	20.65	20.90	20.87		
10	64QAM	25	0	19.95	19.85	19.86	21	2.5
10	64QAM	25	12	19.80	19.90	19.87		
10	64QAM	25	25	19.80	19.85	19.83		
10	64QAM	50	0	19.85	19.78	19.91		
10	256QAM	1	0	17.58	17.75	17.48	19	4.5
10	256QAM	1	25	17.57	17.76	17.53		
10	256QAM	1	49	17.61	17.75	17.82		
10	256QAM	25	0	17.71	17.76	17.92	19	4.5
10	256QAM	25	12	17.68	17.78	17.55		
10	256QAM	25	25	17.67	17.64	17.64		
10	256QAM	50	0	17.72	17.69	17.63		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.59	22.62	22.52	23.5	0
5	QPSK	1	12	22.58	22.58	22.55		
5	QPSK	1	24	22.55	22.54	22.57		
5	QPSK	12	0	21.81	22.02	21.81	23	0.5
5	QPSK	12	7	21.96	21.81	21.89		
5	QPSK	12	13	21.95	21.73	21.87		
5	QPSK	25	0	21.80	21.75	21.83		
5	16QAM	1	0	21.91	21.98	21.85	23	0.5
5	16QAM	1	12	21.81	21.79	21.88		
5	16QAM	1	24	21.86	21.82	21.89		
5	16QAM	12	0	20.81	20.74	20.86	22	1.5
5	16QAM	12	7	20.73	20.71	20.72		
5	16QAM	12	13	20.68	20.65	20.70		
5	16QAM	25	0	20.85	20.83	20.80		
5	64QAM	1	0	20.74	20.96	20.70	22	1.5
5	64QAM	1	12	20.88	20.78	20.89		
5	64QAM	1	24	20.62	20.88	20.81		
5	64QAM	12	0	19.86	19.95	19.90	21	2.5
5	64QAM	12	7	19.93	19.79	19.93		
5	64QAM	12	13	19.82	19.74	19.77		
5	64QAM	25	0	19.95	19.73	19.98		
5	256QAM	1	0	17.57	17.87	17.53	19	4.5
5	256QAM	1	12	17.53	17.78	17.52		
5	256QAM	1	24	17.72	17.75	17.84		
5	256QAM	12	0	17.64	17.73	17.80	19	4.5
5	256QAM	12	7	17.66	17.85	17.45		
5	256QAM	12	13	17.82	17.72	17.62		
5	256QAM	25	0	17.71	17.74	17.69		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.58	22.58	22.58	23.5	0
3	QPSK	1	8	22.56	22.52	22.60		
3	QPSK	1	14	22.51	22.51	22.54		
3	QPSK	8	0	21.80	21.95	21.83	23	0.5
3	QPSK	8	4	21.83	21.91	21.91		
3	QPSK	8	7	21.83	21.73	21.91		
3	QPSK	15	0	21.85	21.79	21.84		
3	16QAM	1	0	21.80	21.94	21.78	23	0.5
3	16QAM	1	8	21.72	21.83	21.76		
3	16QAM	1	14	21.92	21.82	21.81		
3	16QAM	8	0	20.79	20.83	20.83	22	1.5
3	16QAM	8	4	20.67	20.71	20.79		
3	16QAM	8	7	20.64	20.81	20.75		
3	16QAM	15	0	20.75	20.77	20.82		
3	64QAM	1	0	20.77	20.97	20.65	22	1.5
3	64QAM	1	8	20.85	20.82	20.89		
3	64QAM	1	14	20.74	20.78	20.71		
3	64QAM	8	0	19.81	19.96	19.92	21	2.5
3	64QAM	8	4	19.90	19.90	19.89		
3	64QAM	8	7	19.87	19.74	19.83		
3	64QAM	15	0	19.82	19.76	19.98		
3	256QAM	1	0	17.57	17.74	17.53	19	4.5
3	256QAM	1	8	17.65	17.70	17.53		
3	256QAM	1	14	17.72	17.72	17.78		
3	256QAM	8	0	17.66	17.72	17.80	19	4.5
3	256QAM	8	4	17.66	17.78	17.50		
3	256QAM	8	7	17.79	17.66	17.65		
3	256QAM	15	0	17.64	17.69	17.66		
Channel				26697	26853	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.58	22.60	22.50	23.5	0
1.4	QPSK	1	3	22.56	22.51	22.57		
1.4	QPSK	1	5	22.59	22.55	22.50		
1.4	QPSK	3	0	22.51	22.59	22.59		
1.4	QPSK	3	1	22.58	22.51	22.53		
1.4	QPSK	3	3	22.51	22.55	22.62		
1.4	QPSK	6	0	21.91	21.99	21.81	23	0.5
1.4	16QAM	1	0	21.80	22.00	21.79	23	0.5
1.4	16QAM	1	3	21.82	21.93	21.70		
1.4	16QAM	1	5	21.79	21.84	21.86		
1.4	16QAM	3	0	21.95	21.91	21.85		
1.4	16QAM	3	1	21.95	21.89	22.02		
1.4	16QAM	3	3	21.85	22.02	21.91		
1.4	16QAM	6	0	21.04	20.62	20.89	22	1.5
1.4	64QAM	1	0	20.75	20.66	20.82	22	1.5
1.4	64QAM	1	3	20.71	20.98	20.70		
1.4	64QAM	1	5	20.70	20.69	20.66		
1.4	64QAM	3	0	20.71	20.71	20.69		
1.4	64QAM	3	1	20.70	20.68	20.71		
1.4	64QAM	3	3	20.80	20.57	20.90		
1.4	64QAM	6	0	19.99	20.06	20.05	21	2.5
1.4	256QAM	1	0	17.93	17.97	17.68	19	4.5
1.4	256QAM	1	3	17.85	18.03	18.15		
1.4	256QAM	1	5	17.97	18.00	17.99		
1.4	256QAM	3	0	17.76	17.96	17.59		
1.4	256QAM	3	1	17.76	17.92	17.86		
1.4	256QAM	3	3	17.78	17.67	17.68		
1.4	256QAM	6	0	17.73	17.71	17.55	19	4.5

Band 66 Ant 4 DSI7

BW [MHz]	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	13.03	13.07	12.96	14	0
20	QPSK	1	49	12.79	12.93	12.82		
20	QPSK	1	99	12.94	12.84	13.00		
20	QPSK	50	0	12.93	13.01	12.94	14	0
20	QPSK	50	24	12.91	12.95	12.85		
20	QPSK	50	50	12.96	12.98	12.85		
20	QPSK	100	0	12.78	12.99	12.91		
20	16QAM	1	0	12.95	12.93	13.03	14	0
20	16QAM	1	49	12.96	12.85	12.96		
20	16QAM	1	99	12.91	12.91	12.92		
20	16QAM	50	0	12.92	12.94	12.94	14	0
20	16QAM	50	24	12.95	12.83	12.99		
20	16QAM	50	50	12.86	12.79	12.88		
20	16QAM	100	0	12.79	12.95	13.01		
20	64QAM	1	0	12.87	12.81	13.02	14	0
20	64QAM	1	49	12.96	12.81	12.84		
20	64QAM	1	99	13.04	12.87	13.00		
20	64QAM	50	0	12.91	12.96	12.94	14	0
20	64QAM	50	24	13.03	12.88	12.90		
20	64QAM	50	50	12.97	13.01	12.99		
20	64QAM	100	0	13.02	12.97	12.81		
20	256QAM	1	0	12.94	12.99	12.92	14	0
20	256QAM	1	49	12.82	12.89	12.91		
20	256QAM	1	99	12.79	12.93	12.88		
20	256QAM	50	0	12.89	13.00	12.94	14	0
20	256QAM	50	24	12.99	13.02	12.96		
20	256QAM	50	50	12.85	12.92	12.85		
20	256QAM	100	0	13.06	12.89	12.93		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	12.85	12.84	12.89	14	0
15	QPSK	1	37	12.66	12.84	12.87		
15	QPSK	1	74	12.75	12.90	12.94		
15	QPSK	36	0	12.83	12.85	12.84	14	0
15	QPSK	36	20	12.76	12.73	12.72		
15	QPSK	36	39	12.97	12.85	12.86		
15	QPSK	75	0	12.70	13.00	12.84		
15	16QAM	1	0	13.01	12.74	12.90	14	0
15	16QAM	1	37	12.83	12.76	12.96		
15	16QAM	1	74	12.76	12.69	12.76		
15	16QAM	36	0	12.87	12.89	12.94	14	0
15	16QAM	36	20	12.77	12.77	12.95		
15	16QAM	36	39	12.65	12.69	12.66		
15	16QAM	75	0	12.76	12.83	13.04		
15	64QAM	1	0	12.82	12.81	12.91	14	0
15	64QAM	1	37	12.94	12.81	12.72		
15	64QAM	1	74	12.90	12.79	12.93		
15	64QAM	36	0	12.81	12.75	12.90	14	0
15	64QAM	36	20	12.83	12.78	12.86		
15	64QAM	36	39	12.90	12.81	12.86		
15	64QAM	75	0	12.78	12.88	12.75		
15	256QAM	1	0	12.79	12.89	12.78	14	0
15	256QAM	1	37	12.81	12.94	12.79		
15	256QAM	1	74	12.69	12.92	12.68		
15	256QAM	36	0	12.69	12.88	12.77	14	0
15	256QAM	36	20	12.96	12.86	12.85		
15	256QAM	36	39	12.78	12.82	12.70		
15	256QAM	75	0	12.80	12.67	12.88		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	12.94	12.91	12.81	14	0
10	QPSK	1	25	12.80	12.69	12.80		
10	QPSK	1	49	12.83	12.84	12.81		
10	QPSK	25	0	12.89	13.01	12.80	14	0
10	QPSK	25	12	12.85	12.97	12.71		
10	QPSK	25	25	12.83	12.80	12.70		
10	QPSK	50	0	12.84	12.82	12.96		
10	16QAM	1	0	12.82	12.99	12.77	14	0
10	16QAM	1	25	12.78	12.67	12.98		
10	16QAM	1	49	12.81	12.86	12.77		
10	16QAM	25	0	12.80	12.88	12.91	14	0
10	16QAM	25	12	12.84	12.85	12.86		
10	16QAM	25	25	12.75	12.67	12.73		
10	16QAM	50	0	12.73	12.78	12.92		
10	64QAM	1	0	12.80	12.77	12.92	14	0
10	64QAM	1	25	12.88	12.65	12.71		
10	64QAM	1	49	12.93	12.67	12.89		
10	64QAM	25	0	12.89	12.74	12.90	14	0
10	64QAM	25	12	12.97	12.87	12.74		
10	64QAM	25	25	12.90	12.84	12.79		
10	64QAM	50	0	12.78	12.73	12.61		
10	256QAM	1	0	12.68	12.75	12.85	14	0
10	256QAM	1	25	12.68	12.73	12.83		
10	256QAM	1	49	12.72	12.87	12.74		
10	256QAM	25	0	12.85	12.84	12.91	14	0
10	256QAM	25	12	12.87	12.95	12.94		
10	256QAM	25	25	12.83	12.76	12.88		
10	256QAM	50	0	13.01	12.75	12.94		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	12.84	13.00	12.85	14	0
5	QPSK	1	12	12.68	12.86	12.83		
5	QPSK	1	24	12.84	12.71	12.89		
5	QPSK	12	0	12.93	13.00	12.85	14	0
5	QPSK	12	7	12.89	12.74	12.75		
5	QPSK	12	13	12.79	12.90	12.68		
5	QPSK	25	0	12.77	12.80	12.79		
5	16QAM	1	0	12.91	12.90	12.98	14	0
5	16QAM	1	12	12.82	12.83	12.96		
5	16QAM	1	24	12.96	12.78	12.77		
5	16QAM	12	0	12.73	12.89	12.91	14	0
5	16QAM	12	7	12.80	12.85	12.92		
5	16QAM	12	13	12.83	12.71	12.69		
5	16QAM	25	0	12.63	12.82	13.00		
5	64QAM	1	0	12.72	12.79	12.78	14	0
5	64QAM	1	12	12.88	12.69	12.65		
5	64QAM	1	24	12.84	12.99	12.81		
5	64QAM	12	0	12.90	12.74	12.95	14	0
5	64QAM	12	7	12.81	12.87	12.88		
5	64QAM	12	13	12.78	12.86	12.88		
5	64QAM	25	0	12.87	12.70	12.63		
5	256QAM	1	0	12.79	12.91	12.87	14	0
5	256QAM	1	12	12.68	12.63	12.70		
5	256QAM	1	24	12.61	12.87	12.65		
5	256QAM	12	0	12.83	12.83	12.73	14	0
5	256QAM	12	7	12.91	12.94	12.81		
5	256QAM	12	13	12.83	12.90	12.78		
5	256QAM	25	0	12.87	12.66	12.96		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	12.96	12.92	12.96	14	0
3	QPSK	1	8	12.64	12.69	12.75		
3	QPSK	1	14	12.87	12.87	12.85		
3	QPSK	8	0	12.86	12.92	12.82	14	0
3	QPSK	8	4	12.80	12.76	12.76		
3	QPSK	8	7	12.79	12.78	12.87		
3	QPSK	15	0	12.74	12.85	12.82		
3	16QAM	1	0	12.80	12.81	12.81	14	0
3	16QAM	1	8	12.80	12.59	12.82		
3	16QAM	1	14	12.82	12.70	12.80		
3	16QAM	8	0	12.85	12.74	12.76	14	0
3	16QAM	8	4	12.89	12.81	12.88		
3	16QAM	8	7	12.79	12.74	12.80		
3	16QAM	15	0	12.70	12.85	13.05		
3	64QAM	1	0	12.76	12.73	12.90	14	0
3	64QAM	1	8	12.84	12.66	12.63		
3	64QAM	1	14	12.93	12.68	13.00		
3	64QAM	8	0	12.95	12.74	12.79	14	0
3	64QAM	8	4	12.77	12.79	12.81		
3	64QAM	8	7	12.91	12.82	12.89		
3	64QAM	15	0	12.87	12.84	12.62		
3	256QAM	1	0	12.94	12.87	12.81	14	0
3	256QAM	1	8	12.78	12.75	12.85		
3	256QAM	1	14	12.75	12.70	12.88		
3	256QAM	8	0	12.71	12.78	12.88	14	0
3	256QAM	8	4	12.92	12.84	12.82		
3	256QAM	8	7	12.67	12.94	12.82		
3	256QAM	15	0	12.85	12.66	12.86		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	12.91	12.87	12.93	14	0
1.4	QPSK	1	3	12.65	12.71	12.79		
1.4	QPSK	1	5	12.91	12.74	12.72		
1.4	QPSK	3	0	12.94	12.97	12.75		
1.4	QPSK	3	1	12.77	12.96	12.82		
1.4	QPSK	3	3	12.94	12.77	12.76		
1.4	QPSK	6	0	12.85	12.89	12.92	14	0
1.4	16QAM	1	0	12.81	12.94	12.78	14	0
1.4	16QAM	1	3	12.80	12.79	13.03		
1.4	16QAM	1	5	12.82	12.96	12.85		
1.4	16QAM	3	0	12.87	12.95	12.90		
1.4	16QAM	3	1	12.74	12.69	12.98		
1.4	16QAM	3	3	12.87	12.69	12.73		
1.4	16QAM	6	0	12.80	12.85	13.05	14	0
1.4	64QAM	1	0	12.76	12.63	12.79	14	0
1.4	64QAM	1	3	12.82	12.71	12.77		
1.4	64QAM	1	5	13.05	12.78	12.85		
1.4	64QAM	3	0	12.74	12.79	12.76		
1.4	64QAM	3	1	12.92	12.87	12.74		
1.4	64QAM	3	3	12.82	12.80	12.88		
1.4	64QAM	6	0	12.89	12.67	12.58	14	0
1.4	256QAM	1	0	12.72	12.75	12.86	14	0
1.4	256QAM	1	3	12.78	12.82	12.67		
1.4	256QAM	1	5	12.78	12.90	12.73		
1.4	256QAM	3	0	12.71	12.79	12.91		
1.4	256QAM	3	1	12.85	13.01	12.91		
1.4	256QAM	3	3	12.64	12.81	12.80		
1.4	256QAM	6	0	13.01	12.74	12.94	14	0

Band 66 Ant 4 DSI7 sig path：354

BW [MHz]	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	12.58	12.65	12.49	14	0
20	QPSK	1	49	12.42	12.50	12.57		
20	QPSK	25	99	12.45	12.53	12.54		
20	QPSK	50	0	12.51	12.61	12.53		
20	QPSK	50	24	12.54	12.46	12.58	14	0
20	QPSK	50	50	12.48	12.56	12.47		
20	QPSK	100	0	12.51	12.54	12.52		
20	16QAM	1	0	12.54	12.50	12.51		
20	16QAM	1	49	12.53	12.51	12.52	14	0
20	16QAM	1	99	12.35	12.40	12.52		
20	16QAM	50	0	12.60	12.46	12.59		
20	16QAM	50	24	12.43	12.48	12.51	14	0
20	16QAM	50	50	12.35	12.42	12.49		
20	16QAM	100	0	12.54	12.48	12.58		
20	64QAM	1	0	12.49	12.45	12.52		
20	64QAM	1	49	12.53	12.55	12.59	14	0
20	64QAM	1	99	12.60	12.44	12.60		
20	64QAM	50	0	12.44	12.45	12.53		
20	64QAM	50	24	12.60	12.41	12.57	14	0
20	64QAM	50	50	12.53	12.43	12.53		
20	64QAM	100	0	12.46	12.46	12.41		
20	256QAM	1	0	12.55	12.45	12.50		
20	256QAM	1	49	12.42	12.39	12.49	14	0
20	256QAM	1	99	12.37	12.50	12.39		
20	256QAM	50	0	12.59	12.48	12.50		
20	256QAM	50	24	12.59	12.52	12.55	14	0
20	256QAM	50	50	12.55	12.46	12.48		
20	256QAM	100	0	12.55	12.56	12.39		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	12.46	12.63	12.43		
15	QPSK	1	37	12.46	12.22	12.51	14	0
15	QPSK	1	74	12.45	12.38	12.40		
15	QPSK	36	0	12.29	12.57	12.50		
15	QPSK	36	20	12.50	12.35	12.53	14	0
15	QPSK	36	39	12.36	12.45	12.35		
15	QPSK	75	0	12.50	12.48	12.39		
15	16QAM	1	0	12.52	12.50	12.42		
15	16QAM	1	37	12.35	12.40	12.44	14	0
15	16QAM	1	74	12.28	12.38	12.50		
15	16QAM	36	0	12.59	12.40	12.38		
15	16QAM	36	20	12.21	12.28	12.35	14	0
15	16QAM	36	39	12.27	12.48	12.42		
15	16QAM	75	0	12.39	12.46	12.57		
15	64QAM	1	0	12.50	12.34	12.42		
15	64QAM	1	37	12.37	12.42	12.47	14	0
15	64QAM	1	74	12.53	12.30	12.48		
15	64QAM	36	0	12.43	12.39	12.52		
15	64QAM	36	20	12.46	12.41	12.43	14	0
15	64QAM	36	39	12.54	12.40	12.35		
15	64QAM	75	0	12.32	12.34	12.19		
15	256QAM	1	0	12.39	12.42	12.50		
15	256QAM	1	37	12.45	12.30	12.44	14	0
15	256QAM	1	74	12.29	12.46	12.35		
15	256QAM	36	0	12.36	12.35	12.30		
15	256QAM	36	20	12.38	12.39	12.56	14	0
15	256QAM	36	39	12.55	12.35	12.42		
15	256QAM	75	0	12.42	12.49	12.31		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	12.43	12.42	12.43	14	0
10	QPSK	1	25	12.43	12.36	12.42		
10	QPSK	1	49	12.42	12.40	12.48		
10	QPSK	25	0	12.31	12.63	12.41		
10	QPSK	25	12	12.50	12.31	12.41	14	0
10	QPSK	25	25	12.37	12.43	12.35		
10	QPSK	50	0	12.36	12.53	12.44		
10	16QAM	1	0	12.45	12.40	12.43		
10	16QAM	1	25	12.30	12.39	12.45	14	0
10	16QAM	1	49	12.25	12.34	12.46		
10	16QAM	25	0	12.45	12.21	12.55		
10	16QAM	25	12	12.26	12.39	12.43	14	0
10	16QAM	25	25	12.34	12.31	12.38		
10	16QAM	50	0	12.45	12.42	12.50		
10	64QAM	1	0	12.41	12.38	12.36		
10	64QAM	1	25	12.42	12.56	12.51	14	0
10	64QAM	1	49	12.57	12.43	12.62		
10	64QAM	25	0	12.34	12.40	12.36		
10	64QAM	25	12	12.56	12.37	12.52	14	0
10	64QAM	25	25	12.48	12.39	12.52		
10	64QAM	50	0	12.41	12.33	12.30		
10	256QAM	1	0	12.43	12.43	12.34		
10	256QAM	1	25	12.31	12.33	12.51	14	0
10	256QAM	1	49	12.33	12.32	12.40		
10	256QAM	25	0	12.43	12.38	12.28		
10	256QAM	25	12	12.37	12.46	12.60	14	0
10	256QAM	25	25	12.49	12.50	12.50		
10	256QAM	50	0	12.35	12.52	12.32		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	12.47	12.57	12.36	14	0
5	QPSK	1	12	12.46	12.42	12.53		
5	QPSK	1	24	12.38	12.45	12.47		
5	QPSK	12	0	12.35	12.52	12.61	14	0
5	QPSK	12	7	12.50	12.52	12.31		
5	QPSK	12	13	12.41	12.41	12.37		
5	QPSK	25	0	12.46	12.46	12.31		
5	16QAM	1	0	12.48	12.46	12.44		
5	16QAM	1	12	12.40	12.37	12.49	14	0
5	16QAM	1	24	12.36	12.33	12.43		
5	16QAM	12	0	12.51	12.31	12.48		
5	16QAM	12	7	12.38	12.44	12.44	14	0
5	16QAM	12	13	12.29	12.20	12.28		
5	16QAM	25	0	12.41	12.42	12.51		
5	64QAM	1	0	12.50	12.40	12.23		
5	64QAM	1	12	12.44	12.50	12.49	14	0
5	64QAM	1	24	12.37	12.29	12.50		
5	64QAM	12	0	12.36	12.32	12.42		
5	64QAM	12	7	12.57	12.35	12.47	14	0
5	64QAM	12	13	12.48	12.36	12.50		
5	64QAM	25	0	12.23	12.44	12.22		
5	256QAM	1	0	12.37	12.41	12.44		
5	256QAM	1	12	12.34	12.32	12.39	14	0
5	256QAM	1	24	12.33	12.50	12.37		
5	256QAM	12	0	12.44	12.41	12.34		
5	256QAM	12	7	12.42	12.55	12.61	14	0
5	256QAM	12	13	12.46	12.28	12.31		
5	256QAM	25	0	12.50	12.50	12.26		
Channel				131862	132322	132857	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	12.39	12.45	12.34	14	0
3	QPSK	1	8	12.28	12.28	12.36		
3	QPSK	1	14	12.52	12.47	12.59		
3	QPSK	8	0	12.37	12.49	12.40	14	0
3	QPSK	8	4	12.43	12.46	12.43		
3	QPSK	8	7	12.49	12.59	12.54		
3	QPSK	15	0	12.45	12.48	12.46		
3	16QAM	1	0	12.49	12.51	12.39		
3	16QAM	1	8	12.40	12.46	12.36	14	0
3	16QAM	1	14	12.18	12.22	12.52		
3	16QAM	8	0	12.49	12.40	12.40		
3	16QAM	8	4	12.37	12.38	12.47	14	0
3	16QAM	8	7	12.32	12.45	12.35		
3	16QAM	15	0	12.40	12.36	12.59		
3	64QAM	1	0	12.39	12.29	12.31		
3	64QAM	1	8	12.34	12.58	12.45	14	0
3	64QAM	1	14	12.50	12.28	12.52		
3	64QAM	8	0	12.42	12.30	12.37		
3	64QAM	8	4	12.49	12.31	12.44	14	0
3	64QAM	8	7	12.43	12.49	12.53		
3	64QAM	15	0	12.24	12.36	12.31		
3	256QAM	1	0	12.41	12.30	12.34		
3	256QAM	1	8	12.42	12.17	12.43	14	0
3	256QAM	1	14	12.21	12.39	12.28		
3	256QAM	8	0	12.57	12.35	12.33		
3	256QAM	8	4	12.44	12.43	12.61	14	0
3	256QAM	8	7	12.58	12.41	12.27		
3	256QAM	15	0	12.43	12.55	12.36		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	12.59	12.63	12.49	14	0
1.4	QPSK	1	3	12.37	12.37	12.43		
1.4	QPSK	1	5	12.40	12.44	12.49		
1.4	QPSK	3	0	12.48	12.44	12.35		
1.4	QPSK	3	1	12.37	12.36	12.52		
1.4	QPSK	3	3	12.51	12.55	12.45		
1.4	QPSK	6	0	12.35	12.39	12.43	14	0
1.4	16QAM	1	0	12.50	12.46	12.48	14	0
1.4	16QAM	1	3	12.45	12.50	12.41		
1.4	16QAM	1	5	12.33	12.33	12.45		
1.4	16QAM	3	0	12.43	12.26	12.43		
1.4	16QAM	3	1	12.31	12.50	12.44		
1.4	16QAM	3	3	12.38	12.42	12.39		
1.4	16QAM	6	0	12.53	12.36	12.59	14	0
1.4	64QAM	1	0	12.50	12.41	12.28	14	0
1.4	64QAM	1	3	12.42	12.63	12.56		
1.4	64QAM	1	5	12.37	12.32	12.47		
1.4	64QAM	3	0	12.35	12.39	12.42		
1.4	64QAM	3	1	12.45	12.40	12.38		
1.4	64QAM	3	3	12.59	12.30	12.40		
1.4	64QAM	6	0	12.28	12.45	12.23	14	0
1.4	256QAM	1	0	12.39	12.42	12.57	14	0
1.4	256QAM	1	3	12.31	12.33	12.39		
1.4	256QAM	1	5	12.33	12.42	12.40		
1.4	256QAM	3	0	12.52	12.49	12.33		
1.4	256QAM	3	1	12.38	12.31	12.46		
1.4	256QAM	3	3	12.54	12.42	12.28		
1.4	256QAM	6	0	12.44	12.51	12.28	14	0

Band 71 Ant 4 DSI7

BW [MHz]	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	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.73	22.82	22.79	24	0
20	QPSK	1	49	22.73	22.77	22.80		
20	QPSK	25	99	22.59	22.74	22.65		
20	QPSK	50	0	21.65	21.75	21.59	23	1
20	QPSK	50	24	21.63	21.68	21.66		
20	QPSK	50	50	21.62	21.58	21.64		
20	QPSK	100	0	21.51	21.66	21.51		
20	16QAM	1	0	21.71	21.77	21.62		
20	16QAM	1	49	21.55	21.61	21.57	23	1
20	16QAM	1	99	21.62	21.68	21.68		
20	16QAM	50	0	20.70	20.69	20.66		
20	16QAM	50	24	20.54	20.53	20.51	22	2
20	16QAM	50	50	20.43	20.55	20.47		
20	16QAM	100	0	20.56	20.59	20.57		
20	64QAM	1	0	20.50	20.63	20.44		
20	64QAM	1	49	20.55	20.58	20.63	22	2
20	64QAM	1	99	20.49	20.61	20.55		
20	64QAM	50	0	19.65	19.75	19.70		
20	64QAM	50	24	19.69	19.65	19.71	21	3
20	64QAM	50	50	19.66	19.67	19.59		
20	64QAM	100	0	19.61	19.58	19.64		
20	256QAM	1	0	17.44	17.57	17.35		
20	256QAM	1	49	17.46	17.50	17.38	19	5
20	256QAM	1	99	17.57	17.54	17.59		
20	256QAM	50	0	17.53	17.61	17.60		
20	256QAM	50	24	17.43	17.57	17.35	19	5
20	256QAM	50	50	17.50	17.51	17.46		
20	256QAM	100	0	17.51	17.52	17.46		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.70	22.70	22.77	24	0
15	QPSK	1	37	22.70	22.65	22.66		
15	QPSK	1	74	22.54	22.71	22.49		
15	QPSK	36	0	21.53	21.69	21.56	23	1
15	QPSK	36	20	21.47	21.65	21.60		
15	QPSK	36	39	21.56	21.55	21.56		
15	QPSK	75	0	21.45	21.49	21.50		
15	16QAM	1	0	21.64	21.60	21.50		
15	16QAM	1	37	21.39	21.61	21.47	23	1
15	16QAM	1	74	21.47	21.54	21.53		
15	16QAM	36	0	20.63	20.62	20.52		
15	16QAM	36	20	20.50	20.43	20.42	22	2
15	16QAM	36	39	20.28	20.37	20.40		
15	16QAM	75	0	20.52	20.45	20.53		
15	64QAM	1	0	20.36	20.49	20.39		
15	64QAM	1	37	20.46	20.42	20.44	22	2
15	64QAM	1	74	20.49	20.51	20.49		
15	64QAM	36	0	19.55	19.57	19.51		
15	64QAM	36	20	19.52	19.56	19.67	21	3
15	64QAM	36	39	19.56	19.51	19.53		
15	64QAM	75	0	19.57	19.55	19.54		
15	256QAM	1	0	17.37	17.51	17.31		
15	256QAM	1	37	17.41	17.50	17.26	19	5
15	256QAM	1	74	17.40	17.49	17.42		
15	256QAM	36	0	17.48	17.54	17.59		
15	256QAM	36	20	17.32	17.40	17.22	19	5
15	256QAM	36	39	17.35	17.39	17.31		
15	256QAM	75	0	17.34	17.40	17.35		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	22.61	22.74	22.67	24	0
10	QPSK	1	25	22.73	22.70	22.71		
10	QPSK	1	49	22.52	22.61	22.46		
10	QPSK	25	0	21.50	21.61	21.44	23	1
10	QPSK	25	12	21.59	21.55	21.60		
10	QPSK	25	25	21.45	21.44	21.58		
10	QPSK	50	0	21.47	21.60	21.41		
10	16QAM	1	0	21.63	21.65	21.60		
10	16QAM	1	25	21.48	21.61	21.44	23	1
10	16QAM	1	49	21.50	21.68	21.54		
10	16QAM	25	0	20.61	20.51	20.58		
10	16QAM	25	12	20.51	20.43	20.44	22	2
10	16QAM	25	25	20.30	20.51	20.40		
10	16QAM	50	0	20.56	20.55	20.51		
10	64QAM	1	0	20.44	20.46	20.26		
10	64QAM	1	25	20.45	20.53	20.46	22	2
10	64QAM	1	49	20.34	20.53	20.55		
10	64QAM	25	0	19.56	19.73	19.62		
10	64QAM	25	12	19.52	19.57	19.53	21	3
10	64QAM	25	25	19.50	19.60	19.43		
10	64QAM	50	0	19.46	19.55	19.47		
10	256QAM	1	0	17.27	17.48	17.26		
10	256QAM	1	25	17.44	17.39	17.30	19	5
10	256QAM	1	49	17.50	17.43	17.53		
10	256QAM	25	0	17.51	17.45	17.50		
10	256QAM	25	12	17.33	17.49	17.15	19	5
10	256QAM	25	25	17.34	17.47	17.39		
10	256QAM	50	0	17.49	17.32	17.40		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	22.67	22.64	22.66	24	0
5	QPSK	1	12	22.55	22.61	22.62		
5	QPSK	1	24	22.47	22.63	22.51		
5	QPSK	12	0	21.55	21.65	21.55	23	1
5	QPSK	12	7	21.57	21.57	21.58		
5	QPSK	12	13	21.54	21.40	21.45		
5	QPSK	25	0	21.41	21.53	21.35		
5	16QAM	1	0	21.68	21.71	21.47		
5	16QAM	1	12	21.41	21.59	21.53	23	1
5	16QAM	1	24	21.55	21.49	21.49		
5	16QAM	12	0	20.61	20.49	20.56		
5	16QAM	12	7	20.44	20.44	20.40	22	2
5	16QAM	12	13	20.34	20.50	20.42		
5	16QAM	25	0	20.54	20.41	20.40		
5	64QAM	1	0	20.42	20.58	20.26		
5	64QAM	1	12	20.41	20.50	20.48	22	2
5	64QAM	1	24	20.41	20.48	20.53		
5	64QAM	12	0	19.45	19.65	19.50		
5	64QAM	12	7	19.57	19.48	19.67	21	3
5	64QAM	12	13	19.55	19.56	19.49		
5	64QAM	25	0	19.60	19.45	19.57		
5	256QAM	1	0	17.44	17.44	17.23		
5	256QAM	1	12	17.42	17.32	17.35	19	5
5	256QAM	1	24	17.50	17.49	17.46		
5	256QAM	12	0	17.37	17.52	17.44		
5	256QAM	12	7	17.41	17.55	17.18	19	5
5	256QAM	12	13	17.39	17.34	17.36		
5	256QAM	25	0	17.35	17.36	17.45		

Band 48_FCC Ant 5 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	13.85	14.03	13.99	13.92	15	0
20	QPSK	1	49	13.93	13.84	13.85	13.89		
20	QPSK	1	99	13.89	13.91	13.84	13.82		
20	QPSK	50	0	13.93	14.00	13.87	13.85	15	0
20	QPSK	50	24	13.84	13.92	13.94	13.92		
20	QPSK	50	50	13.90	13.85	13.88	13.87		
20	QPSK	100	0	13.80	13.87	13.75	13.81		
20	16QAM	1	0	13.87	13.82	13.86	13.88	15	0
20	16QAM	1	49	13.83	13.84	13.90	13.84		
20	16QAM	1	99	13.89	13.78	13.93	13.98		
20	16QAM	50	0	13.85	13.92	13.84	13.84	15	0
20	16QAM	50	24	13.87	13.90	13.95	13.85		
20	16QAM	50	50	13.99	13.84	13.84	13.94		
20	16QAM	100	0	13.94	13.84	14.01	14.00		
20	64QAM	1	0	13.95	13.91	13.99	13.91	15	0
20	64QAM	1	49	13.78	13.89	13.83	13.94		
20	64QAM	1	99	13.88	13.89	13.84	13.91		
20	64QAM	50	0	13.90	13.96	13.97	13.90	15	0
20	64QAM	50	24	13.95	13.98	14.01	13.87		
20	64QAM	50	50	13.80	13.86	13.88	13.89		
20	64QAM	100	0	13.77	13.89	13.91	13.91		
20	256QAM	1	0	13.80	13.85	13.83	13.94	15	0
20	256QAM	1	49	13.94	13.96	13.89	13.95		
20	256QAM	1	99	13.86	13.85	13.80	13.84		
20	256QAM	50	0	13.81	13.90	13.99	13.97	15	0
20	256QAM	50	24	13.89	13.90	13.91	13.81		
20	256QAM	50	50	13.88	13.95	13.91	13.96		
20	256QAM	100	0	14.00	13.82	13.96	13.76		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	13.88	13.92	13.81	14.00	15	0
15	QPSK	1	37	13.86	13.71	13.75	13.86		
15	QPSK	1	74	13.85	13.69	13.70	13.68		
15	QPSK	36	0	13.89	13.71	13.83	13.81	15	0
15	QPSK	36	20	13.84	13.77	13.69	13.85		
15	QPSK	36	39	13.82	13.74	13.71	13.82		
15	QPSK	75	0	13.70	13.65	13.80	13.69		
15	16QAM	1	0	13.89	13.67	13.83	13.84	15	0
15	16QAM	1	37	13.82	13.76	13.89	13.68		
15	16QAM	1	74	13.88	13.80	13.80	13.83		
15	16QAM	36	0	13.76	13.83	13.81	13.64	15	0
15	16QAM	36	20	13.61	13.96	13.79	13.81		
15	16QAM	36	39	13.83	13.78	13.70	13.95		
15	16QAM	75	0	13.86	13.69	13.87	13.80		
15	64QAM	1	0	13.88	13.93	13.80	13.66	15	0
15	64QAM	1	37	13.80	13.86	13.71	13.95		
15	64QAM	1	74	13.64	13.78	13.74	13.79		
15	64QAM	36	0	13.76	13.70	13.88	13.78	15	0
15	64QAM	36	20	13.73	13.83	13.86	13.80		
15	64QAM	36	39	13.69	13.72	13.73	13.81		
15	64QAM	75	0	13.67	13.78	13.99	13.78		
15	256QAM	1	0	13.79	13.87	13.79	13.81	15	0
15	256QAM	1	37	13.87	13.81	13.86	13.86		
15	256QAM	1	74	13.73	13.88	13.71	13.71		
15	256QAM	36	0	13.70	13.74	13.80	13.78	15	0
15	256QAM	36	20	13.82	13.72	13.76	13.78		
15	256QAM	36	39	13.76	13.68	13.83	13.88		
15	256QAM	75	0	13.89	13.93	13.94	13.69		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	13.82	13.78	13.75	13.99	15	0
10	QPSK	1	25	13.71	13.74	13.77	13.82		
10	QPSK	1	49	13.73	13.70	13.67	13.75		
10	QPSK	25	0	13.70	13.68	13.72	13.76	15	0
10	QPSK	25	12	13.75	13.64	13.76	13.81		
10	QPSK	25	25	13.67	13.69	13.76	13.85		
10	QPSK	50	0	13.67	13.60	13.63	13.77		
10	16QAM	1	0	13.78	13.62	13.83	13.79	15	0
10	16QAM	1	25	13.83	13.78	13.85	13.76		
10	16QAM	1	49	13.82	13.84	13.79	13.80		
10	16QAM	25	0	13.81	13.77	13.80	13.66	15	0
10	16QAM	25	12	13.81	13.81	13.84	13.87		
10	16QAM	25	25	13.83	13.86	13.70	13.95		
10	16QAM	50	0	13.68	13.85	13.95	13.90		
10	64QAM	1	0	13.96	13.82	13.88	13.70	15	0
10	64QAM	1	25	13.74	13.85	13.70	13.91		
10	64QAM	1	49	13.74	13.87	13.84	13.73		
10	64QAM	25	0	13.77	13.76	13.75	13.76	15	0
10	64QAM	25	12	13.84	13.90	13.75	13.77		
10	64QAM	25	25	13.80	13.58	13.89	13.83		
10	64QAM	50	0	13.66	13.72	13.84	13.80		
10	256QAM	1	0	13.85	13.79	13.73	13.81	15	0
10	256QAM	1	25	13.94	13.75	13.84	13.92		
10	256QAM	1	49	13.80	13.78	13.82	13.79		
10	256QAM	25	0	13.63	13.73	13.89	13.75	15	0
10	256QAM	25	12	13.84	13.71	13.90	13.71		
10	256QAM	25	25	13.84	13.71	13.69	13.74		
10	256QAM	50	0	13.87	13.77	13.74	13.78		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	13.80	13.88	13.85	13.93	15	0
5	QPSK	1	12	13.93	13.79	13.70	13.70		
5	QPSK	1	24	13.79	13.82	13.75	13.75		
5	QPSK	12	0	13.71	13.75	13.75	13.69	15	0
5	QPSK	12	7	13.89	13.62	13.77	13.88		
5	QPSK	12	13	13.85	13.74	13.80	13.74		
5	QPSK	25	0	13.87	13.71	13.66	13.66		
5	16QAM	1	0	13.80	13.83	13.78	13.60	15	0
5	16QAM	1	12	13.68	13.62	13.79	13.80		
5	16QAM	1	24	13.74	13.67	13.81	13.69		
5	16QAM	12	0	13.80	13.75	13.75	13.70	15	0
5	16QAM	12	7	13.62	13.86	13.89	13.80		
5	16QAM	12	13	13.81	13.73	13.60	13.83		
5	16QAM	25	0	13.87	13.82	13.96	13.86		
5	64QAM	1	0	13.89	13.80	13.88	13.77	15	0
5	64QAM	1	12	13.62	13.81	13.75	13.81		
5	64QAM	1	24	13.68	13.87	13.64	13.87		
5	64QAM	12	0	13.64	13.86	13.88	13.81	15	0
5	64QAM	12	7	13.90	13.85	13.96	13.84		
5	64QAM	12	13	13.75	13.71	13.73	13.79		
5	64QAM	25	0	13.75	13.73	13.81	13.83		
5	256QAM	1	0	13.76	13.78	13.68	13.67	15	0
5	256QAM	1	12	13.80	13.84	13.76	13.94		
5	256QAM	1	24	13.66	13.75	13.69	13.65		
5	256QAM	12	0	13.64	13.71	13.86	13.69	15	0
5	256QAM	12	7	13.70	13.83	13.91	13.79		
5	256QAM	12	13	13.87	13.62	13.78	13.93		
5	256QAM	25	0	13.80	13.86	13.88	13.66		

Full&Default Power Mode for Other PA

Band 2 Ant 0 Default sig path: 44

BW [MHz]	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	21.45	21.53	21.16	22.5	0
20	QPSK	1	49	21.34	21.48	21.13		
20	QPSK	1	99	21.47	21.44	21.10		
20	QPSK	50	0	20.43	20.51	20.07	21.5	1
20	QPSK	50	24	20.44	20.42	20.18		
20	QPSK	50	50	20.38	20.37	20.05		
20	QPSK	100	0	20.43	20.47	20.06		
20	16QAM	1	0	20.47	20.56	20.12	21.5	1
20	16QAM	1	49	20.46	20.46	20.07		
20	16QAM	1	99	20.54	20.48	20.11		
20	16QAM	50	0	19.53	19.54	19.18	19.5	2
20	16QAM	50	24	19.48	19.50	19.17		
20	16QAM	50	50	19.38	19.59	19.28		
20	16QAM	100	0	19.40	19.49	19.08		
20	64QAM	1	0	19.43	19.55	19.26	20.5	2
20	64QAM	1	49	19.52	19.42	19.21		
20	64QAM	1	99	19.44	19.59	19.18		
20	64QAM	50	0	18.68	18.72	18.13	19.5	3
20	64QAM	50	24	18.58	18.49	18.19		
20	64QAM	50	50	18.42	18.58	18.17		
20	64QAM	100	0	18.45	18.52	18.15		
20	256QAM	1	0	16.68	16.65	16.26	17.5	5
20	256QAM	1	49	16.48	16.65	16.40		
20	256QAM	1	99	16.54	16.64	16.20		
20	256QAM	50	0	16.75	16.72	16.52	17.5	5
20	256QAM	50	24	16.55	16.67	16.27		
20	256QAM	50	50	16.63	16.70	16.31		
20	256QAM	100	0	16.52	16.69	16.20		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.48	21.49	21.18	22.5	0
15	QPSK	1	37	21.27	21.49	21.11		
15	QPSK	1	74	21.42	21.44	21.03		
15	QPSK	36	0	20.38	20.45	19.99	21.5	1
15	QPSK	36	20	20.41	20.34	20.21		
15	QPSK	36	39	20.38	20.36	20.03		
15	QPSK	75	0	20.42	20.39	20.08		
15	16QAM	1	0	20.45	20.58	20.11	21.5	1
15	16QAM	1	37	20.50	20.46	20.15		
15	16QAM	1	74	20.55	20.43	20.14		
15	16QAM	36	0	19.53	19.54	19.12	20.5	2
15	16QAM	36	20	19.50	19.49	19.21		
15	16QAM	36	39	19.35	19.56	19.26		
15	16QAM	75	0	19.33	19.52	19.05		
15	64QAM	1	0	19.35	19.49	19.22	20.5	2
15	64QAM	1	37	19.56	19.38	19.13		
15	64QAM	1	74	19.47	19.52	19.12		
15	64QAM	36	0	18.51	18.50	18.11	19.5	3
15	64QAM	36	20	18.58	18.45	18.21		
15	64QAM	36	39	18.45	18.57	18.19		
15	64QAM	75	0	18.41	18.51	18.14		
15	256QAM	1	0	16.68	16.67	16.30	17.5	5
15	256QAM	1	37	16.50	16.65	16.38		
15	256QAM	1	74	16.53	16.64	16.20		
15	256QAM	36	0	16.74	16.72	16.49	17.5	5
15	256QAM	36	20	16.55	16.69	16.31		
15	256QAM	36	39	16.65	16.72	16.30		
15	256QAM	75	0	16.48	16.64	16.21		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.44	21.46	21.13	22.5	0
10	QPSK	1	25	21.31	21.47	21.11		
10	QPSK	1	49	21.44	21.44	21.02		
10	QPSK	25	0	20.41	20.52	20.10	21.5	1
10	QPSK	25	12	20.44	20.38	20.16		
10	QPSK	25	25	20.37	20.34	20.05		
10	QPSK	50	0	20.37	20.50	20.07		
10	16QAM	1	0	20.39	20.51	20.13	21.5	1
10	16QAM	1	25	20.40	20.40	20.09		
10	16QAM	1	49	20.54	20.48	20.07		
10	16QAM	25	0	19.55	19.53	19.14	20.5	2
10	16QAM	25	12	19.48	19.46	19.15		
10	16QAM	25	25	19.33	19.54	19.24		
10	16QAM	50	0	19.34	19.48	19.02		
10	64QAM	1	0	19.42	19.52	19.25	20.5	2
10	64QAM	1	25	19.51	19.42	19.21		
10	64QAM	1	49	19.36	19.60	19.14		
10	64QAM	25	0	18.46	18.48	18.19	19.5	3
10	64QAM	25	12	18.53	18.48	18.16		
10	64QAM	25	25	18.36	18.52	18.11		
10	64QAM	50	0	18.43	18.47	18.12		
10	256QAM	1	0	16.65	16.71	16.26	17.5	5
10	256QAM	1	25	16.51	16.58	16.43		
10	256QAM	1	49	16.57	16.64	16.25		
10	256QAM	25	0	16.78	16.66	16.55		
10	256QAM	25	12	16.59	16.60	16.34	17.5	5
10	256QAM	25	25	16.65	16.65	16.33		
10	256QAM	50	0	16.45	16.57	16.23		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.46	21.49	21.09	22.5	0
5	QPSK	1	12	21.29	21.46	21.11		
5	QPSK	1	24	21.46	21.39	21.07		
5	QPSK	12	0	20.38	20.53	20.12	21.5	1
5	QPSK	12	7	20.42	20.44	20.18		
5	QPSK	12	13	20.32	20.35	20.07		
5	QPSK	25	0	20.41	20.42	20.06		
5	16QAM	1	0	20.45	20.51	20.09	21.5	1
5	16QAM	1	12	20.41	20.46	20.04		
5	16QAM	1	24	20.54	20.51	20.09		
5	16QAM	12	0	19.54	19.57	19.20	20.5	2
5	16QAM	12	7	19.41	19.45	19.21		
5	16QAM	12	13	19.33	19.51	19.25		
5	16QAM	25	0	19.43	19.42	19.10		
5	64QAM	1	0	19.40	19.53	19.21	20.5	2
5	64QAM	1	12	19.56	19.38	19.21		
5	64QAM	1	24	19.47	19.56	19.13		
5	64QAM	12	0	18.51	18.55	18.17	19.5	3
5	64QAM	12	7	18.61	18.55	18.11		
5	64QAM	12	13	18.39	18.50	18.18		
5	64QAM	25	0	18.46	18.53	18.09		
5	256QAM	1	0	16.65	16.69	16.31	17.5	5
5	256QAM	1	12	16.41	16.58	16.42		
5	256QAM	1	24	16.55	16.65	16.19		
5	256QAM	12	0	16.74	16.73	16.48	17.5	5
5	256QAM	12	7	16.51	16.71	16.24		
5	256QAM	12	13	16.65	16.67	16.34		
5	256QAM	25	0	16.49	16.66	16.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.44	21.50	21.10	22.5	0
3	QPSK	1	8	21.31	21.41	21.08		
3	QPSK	1	14	21.43	21.42	21.12		
3	QPSK	8	0	20.43	20.55	20.14	21.5	1
3	QPSK	8	4	20.46	20.44	20.19		
3	QPSK	8	7	20.38	20.46	20.05		
3	QPSK	15	0	20.41	20.49	20.03		
3	16QAM	1	0	20.43	20.57	20.20	21.5	1
3	16QAM	1	8	20.47	20.43	20.15		
3	16QAM	1	14	20.57	20.45	20.09		
3	16QAM	8	0	19.46	19.55	19.16	20.5	2
3	16QAM	8	4	19.50	19.45	19.15		
3	16QAM	8	7	19.31	19.53	19.22		
3	16QAM	15	0	19.42	19.49	19.10		
3	64QAM	1	0	19.40	19.52	19.23	20.5	2
3	64QAM	1	8	19.54	19.42	19.22		
3	64QAM	1	14	19.47	19.62	19.17		
3	64QAM	8	0	18.50	18.55	18.08	19.5	3
3	64QAM	8	4	18.52	18.47	18.19		
3	64QAM	8	7	18.41	18.58	18.11		
3	64QAM	15	0	18.47	18.50	18.16		
3	256QAM	1	0	16.65	16.62	16.30	17.5	5
3	256QAM	1	8	16.52	16.67	16.36		
3	256QAM	1	14	16.56	16.62	16.17		
3	256QAM	8	0	16.77	16.72	16.45	17.5	5
3	256QAM	8	4	16.49	16.59	16.31		
3	256QAM	8	7	16.62	16.72	16.27		
3	256QAM	15	0	16.46	16.64	16.20		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.42	21.45	21.11	22.5	0
1.4	QPSK	1	3	21.34	21.40	21.15		
1.4	QPSK	1	5	21.49	21.47	21.13		
1.4	QPSK	3	0	21.39	21.40	21.20		
1.4	QPSK	3	1	21.34	21.35	21.15		
1.4	QPSK	3	3	21.29	21.34	21.02		
1.4	QPSK	6	0	20.45	20.51	20.11	21.5	1
1.4	16QAM	1	0	20.47	20.41	20.18	21.5	1
1.4	16QAM	1	3	20.31	20.35	19.98		
1.4	16QAM	1	5	20.40	20.46	20.03		
1.4	16QAM	3	0	20.47	20.52	20.07		
1.4	16QAM	3	1	20.41	20.41	20.07		
1.4	16QAM	3	3	20.49	20.41	20.04		
1.4	16QAM	6	0	19.55	19.52	19.21	20.5	2
1.4	64QAM	1	0	19.44	19.45	19.11	20.5	2
1.4	64QAM	1	3	19.33	19.53	19.22		
1.4	64QAM	1	5	19.44	19.45	19.05		
1.4	64QAM	3	0	19.40	19.58	19.24		
1.4	64QAM	3	1	19.53	19.39	19.18		
1.4	64QAM	3	3	19.45	19.60	19.19		
1.4	64QAM	6	0	18.41	18.44	18.22	19.5	3
1.4	256QAM	1	0	16.66	16.69	16.27	17.5	5
1.4	256QAM	1	3	16.42	16.61	16.33		
1.4	256QAM	1	5	16.49	16.58	16.27		
1.4	256QAM	3	0	16.69	16.69	16.54		
1.4	256QAM	3	1	16.51	16.67	16.27		
1.4	256QAM	3	3	16.64	16.72	16.24		
1.4	256QAM	6	0	16.53	16.67	16.25	17.5	5

Band 2 Ant 0 Default sig path: 456

BW [MHz]	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	21.51	21.63	21.30	22.5	0
20	QPSK	1	49	21.42	21.59	21.17		
20	QPSK	1	99	21.56	21.52	21.25		
20	QPSK	50	0	20.57	20.61	20.18	21.5	1
20	QPSK	50	24	20.49	20.58	20.32		
20	QPSK	50	50	20.47	20.47	20.12		
20	QPSK	100	0	20.51	20.56	20.19		
20	16QAM	1	0	20.60	20.60	20.27	21.5	1
20	16QAM	1	49	20.52	20.56	20.21		
20	16QAM	1	99	20.65	20.57	20.21		
20	16QAM	50	0	19.68	19.63	19.29	20.5	2
20	16QAM	50	24	19.53	19.58	19.32		
20	16QAM	50	50	19.42	19.65	19.41		
20	16QAM	100	0	19.46	19.60	19.16		
20	64QAM	1	0	19.47	19.61	19.34	20.5	2
20	64QAM	1	49	19.61	19.51	19.27		
20	64QAM	1	99	19.56	19.72	19.22		
20	64QAM	50	0	18.65	18.72	18.22	19.5	3
20	64QAM	50	24	18.64	18.62	18.23		
20	64QAM	50	50	18.49	18.71	18.30		
20	64QAM	100	0	18.49	18.61	18.21		
20	256QAM	1	0	16.85	16.76	16.40	17.5	5
20	256QAM	1	49	16.55	16.70	16.51		
20	256QAM	1	99	16.60	16.77	16.38		
20	256QAM	50	0	16.81	16.78	16.64	17.5	5
20	256QAM	50	24	16.66	16.76	16.33		
20	256QAM	50	50	16.77	16.81	16.45		
20	256QAM	100	0	16.63	16.80	16.34		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.44	21.56	21.15	22.5	0
15	QPSK	1	37	21.27	21.46	21.07		
15	QPSK	1	74	21.43	21.41	21.10		
15	QPSK	36	0	20.52	20.47	20.02	21.5	1
15	QPSK	36	20	20.46	20.43	20.26		
15	QPSK	36	39	20.36	20.40	20.03		
15	QPSK	75	0	20.37	20.49	20.14		
15	16QAM	1	0	20.47	20.49	20.20	21.5	1
15	16QAM	1	37	20.57	20.47	20.16		
15	16QAM	1	74	20.57	20.47	20.14		
15	16QAM	36	0	19.56	19.50	19.18	20.5	2
15	16QAM	36	20	19.42	19.48	19.19		
15	16QAM	36	39	19.29	19.51	19.28		
15	16QAM	75	0	19.39	19.51	19.11		
15	64QAM	1	0	19.40	19.56	19.28	20.5	2
15	64QAM	1	37	19.45	19.45	19.15		
15	64QAM	1	74	19.46	19.54	19.23		
15	64QAM	36	0	18.57	18.56	18.21	19.5	3
15	64QAM	36	20	18.54	18.55	18.20		
15	64QAM	36	39	18.39	18.63	18.16		
15	64QAM	75	0	18.45	18.50	18.06		
15	256QAM	1	0	16.67	16.71	16.28	17.5	5
15	256QAM	1	37	16.43	16.60	16.46		
15	256QAM	1	74	16.50	16.69	16.29		
15	256QAM	36	0	16.77	16.80	16.50	17.5	5
15	256QAM	36	20	16.56	16.64	16.35		
15	256QAM	36	39	16.63	16.75	16.40		
15	256QAM	75	0	16.50	16.66	16.19		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.42	21.51	21.21	22.5	0
10	QPSK	1	25	21.35	21.54	21.13		
10	QPSK	1	49	21.41	21.43	21.09		
10	QPSK	25	0	20.49	20.52	20.05	21.5	1
10	QPSK	25	12	20.37	20.47	20.17		
10	QPSK	25	25	20.37	20.37	20.07		
10	QPSK	50	0	20.45	20.41	20.06		
10	16QAM	1	0	20.52	20.50	20.14	21.5	1
10	16QAM	1	25	20.37	20.49	20.15		
10	16QAM	1	49	20.58	20.45	20.17		
10	16QAM	25	0	19.56	19.54	19.13	20.5	2
10	16QAM	25	12	19.38	19.52	19.26		
10	16QAM	25	25	19.36	19.59	19.26		
10	16QAM	50	0	19.34	19.51	19.05		
10	64QAM	1	0	19.40	19.55	19.18	20.5	2
10	64QAM	1	25	19.41	19.47	19.15		
10	64QAM	1	49	19.48	19.57	19.17		
10	64QAM	25	0	18.53	18.53	18.11	19.5	3
10	64QAM	25	12	18.54	18.49	18.17		
10	64QAM	25	25	18.40	18.56	18.23		
10	64QAM	50	0	18.38	18.56	18.16		
10	256QAM	1	0	16.71	16.69	16.32	17.5	5
10	256QAM	1	25	16.47	16.58	16.39		
10	256QAM	1	49	16.47	16.63	16.27		
10	256QAM	25	0	16.75	16.67	16.54		
10	256QAM	25	12	16.58	16.58	16.28	17.5	5
10	256QAM	25	25	16.71	16.70	16.29		
10	256QAM	50	0	16.56	16.66	16.23		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.45	21.49	21.19	22.5	0
5	QPSK	1	12	21.32	21.45	21.02		
5	QPSK	1	24	21.51	21.45	21.20		
5	QPSK	12	0	20.45	20.51	20.11	21.5	1
5	QPSK	12	7	20.45	20.53	20.26		
5	QPSK	12	13	20.37	20.34	20.07		
5	QPSK	25	0	20.42	20.43	20.04		
5	16QAM	1	0	20.51	20.53	20.15	21.5	1
5	16QAM	1	12	20.38	20.48	20.16		
5	16QAM	1	24	20.50	20.45	20.06		
5	16QAM	12	0	19.64	19.59	19.22	20.5	2
5	16QAM	12	7	19.38	19.52	19.23		
5	16QAM	12	13	19.29	19.56	19.33		
5	16QAM	25	0	19.35	19.47	19.08		
5	64QAM	1	0	19.33	19.50	19.20	20.5	2
5	64QAM	1	12	19.54	19.44	19.22		
5	64QAM	1	24	19.45	19.67	19.17		
5	64QAM	12	0	18.54	18.57	18.12	19.5	3
5	64QAM	12	7	18.53	18.45	18.10		
5	64QAM	12	13	18.43	18.59	18.20		
5	64QAM	25	0	18.36	18.51	18.16		
5	256QAM	1	0	16.67	16.65	16.30	17.5	5
5	256QAM	1	12	16.45	16.66	16.44		
5	256QAM	1	24	16.44	16.69	16.29		
5	256QAM	12	0	16.71	16.72	16.55	17.5	5
5	256QAM	12	7	16.55	16.59	16.31		
5	256QAM	12	13	16.72	16.71	16.29		
5	256QAM	25	0	16.51	16.69	16.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.46	21.54	21.23	22.5	0
3	QPSK	1	8	21.38	21.48	21.11		
3	QPSK	1	14	21.43	21.38	21.17		
3	QPSK	8	0	20.43	20.48	20.03	21.5	1
3	QPSK	8	4	20.44	20.51	20.24		
3	QPSK	8	7	20.33	20.39	20.04		
3	QPSK	15	0	20.39	20.51	20.14		
3	16QAM	1	0	20.51	20.47	20.17	21.5	1
3	16QAM	1	8	20.45	20.45	20.16		
3	16QAM	1	14	20.52	20.47	20.11		
3	16QAM	8	0	19.62	19.56	19.15	20.5	2
3	16QAM	8	4	19.47	19.46	19.27		
3	16QAM	8	7	19.27	19.52	19.37		
3	16QAM	15	0	19.38	19.49	19.09		
3	64QAM	1	0	19.40	19.52	19.21	20.5	2
3	64QAM	1	8	19.50	19.37	19.20		
3	64QAM	1	14	19.50	19.59	19.16		
3	64QAM	8	0	18.58	18.49	18.17	19.5	3
3	64QAM	8	4	18.51	18.46	18.16		
3	64QAM	8	7	18.35	18.60	18.16		
3	64QAM	15	0	18.42	18.54	18.10		
3	256QAM	1	0	16.71	16.68	16.27	17.5	5
3	256QAM	1	8	16.42	16.58	16.43		
3	256QAM	1	14	16.47	16.70	16.28		
3	256QAM	8	0	16.70	16.69	16.49	17.5	5
3	256QAM	8	4	16.59	16.58	16.28		
3	256QAM	8	7	16.70	16.70	16.32		
3	256QAM	15	0	16.51	16.73	16.29		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.47	21.52	21.26	22.5	0
1.4	QPSK	1	3	21.32	21.45	21.05		
1.4	QPSK	1	5	21.51	21.39	21.12		
1.4	QPSK	3	0	21.38	21.48	21.21		
1.4	QPSK	3	1	21.37	21.46	21.06		
1.4	QPSK	3	3	21.43	21.36	21.13		
1.4	QPSK	6	0	20.53	20.46	20.07	21.5	1
1.4	16QAM	1	0	20.37	20.50	20.20	21.5	1
1.4	16QAM	1	3	20.31	20.40	20.08		
1.4	16QAM	1	5	20.39	20.42	20.13		
1.4	16QAM	3	0	20.53	20.53	20.12		
1.4	16QAM	3	1	20.38	20.45	20.12		
1.4	16QAM	3	3	20.52	20.44	20.06		
1.4	16QAM	6	0	19.57	19.57	19.13	20.5	2
1.4	64QAM	1	0	19.42	19.49	19.25	20.5	2
1.4	64QAM	1	3	19.31	19.60	19.34		
1.4	64QAM	1	5	19.37	19.49	19.19		
1.4	64QAM	3	0	19.32	19.48	19.22		
1.4	64QAM	3	1	19.47	19.37	19.15		
1.4	64QAM	3	3	19.48	19.55	19.11		
1.4	64QAM	6	0	18.51	18.58	18.16	19.5	3
1.4	256QAM	1	0	16.75	16.70	16.26	17.5	5
1.4	256QAM	1	3	16.45	16.64	16.41		
1.4	256QAM	1	5	16.59	16.65	16.32		
1.4	256QAM	3	0	16.46	16.60	16.54		
1.4	256QAM	3	1	16.58	16.56	16.31		
1.4	256QAM	3	3	16.72	16.75	16.37		
1.4	256QAM	6	0	16.58	16.69	16.20	17.5	5

Band 4 Ant 0 Default sig path: 69

BW [MHz]	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	22.08	22.13	22.06	23	0
20	QPSK	1	49	21.95	22.12	21.95		
20	QPSK	1	99	22.01	22.12	21.96		
20	QPSK	50	0	21.01	21.15	20.98	22	1
20	QPSK	50	24	21.06	21.10	21.06		
20	QPSK	50	50	21.02	21.13	21.07		
20	QPSK	100	0	21.02	21.12	21.09		
20	16QAM	1	0	21.07	21.21	21.06	22	1
20	16QAM	1	49	21.10	21.07	21.03

Band 25 Ant 0 Default sig path: 45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.57	21.65	21.24	22.5	0
20	QPSK	1	49	21.39	21.58	21.17		
20	QPSK	1	99	21.62	21.50	21.19		
20	QPSK	50	0	20.58	20.65	20.23	21.5	1
20	QPSK	50	24	20.57	20.65	20.29		
20	QPSK	50	50	20.44	20.45	20.24		
20	QPSK	100	0	20.51	20.58	20.13		
20	16QAM	1	0	20.58	20.65	20.30		
20	16QAM	1	49	20.60	20.58	20.21	21.5	1
20	16QAM	1	99	20.61	20.63	20.26		
20	16QAM	50	0	19.65	19.70	19.22		
20	16QAM	50	24	19.55	19.65	19.32	20.5	2
20	16QAM	50	50	19.47	19.66	19.37		
20	16QAM	100	0	19.47	19.61	19.13		
20	64QAM	1	0	19.58	19.66	19.34		
20	64QAM	1	49	19.63	19.54	19.37	20.5	2
20	64QAM	1	99	19.56	19.70	19.28		
20	64QAM	50	0	18.69	18.73	18.29		
20	64QAM	50	24	18.73	18.58	18.30	19.5	3
20	64QAM	50	50	18.53	18.72	18.25		
20	64QAM	100	0	18.59	18.62	18.21		
20	256QAM	1	0	16.80	16.86	16.41		
20	256QAM	1	49	16.66	16.73	16.54	17.5	5
20	256QAM	1	99	16.61	16.74	16.37		
20	256QAM	50	0	16.79	16.80	16.68		
20	256QAM	50	24	16.59	16.81	16.31	17.5	5
20	256QAM	50	50	16.70	16.75	16.47		
20	256QAM	100	0	16.59	16.75	16.34		
Channel				26715	26340	25915	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.43	21.59	21.20	22.5	0
15	QPSK	1	37	21.28	21.53	21.11		
15	QPSK	1	74	21.49	21.37	21.19		
15	QPSK	36	0	20.42	20.55	20.09		
15	QPSK	36	20	20.46	20.40	20.17	21.5	1
15	QPSK	36	39	20.37	20.32	20.17		
15	QPSK	75	0	20.37	20.47	20.07		
15	16QAM	1	0	20.44	20.50	20.19		
15	16QAM	1	37	20.60	20.43	20.11	21.5	1
15	16QAM	1	74	20.48	20.49	20.15		
15	16QAM	36	0	19.51	19.65	19.18		
15	16QAM	36	20	19.50	19.55	19.23	20.5	2
15	16QAM	36	39	19.33	19.57	19.24		
15	16QAM	75	0	19.31	19.56	19.06		
15	64QAM	1	0	19.43	19.55	19.26		
15	64QAM	1	37	19.51	19.39	19.24	20.5	2
15	64QAM	1	74	19.43	19.56	19.14		
15	64QAM	36	0	18.60	18.46	18.28		
15	64QAM	36	20	18.62	18.43	18.35	19.5	3
15	64QAM	36	39	18.40	18.67	18.22		
15	64QAM	75	0	18.55	18.50	18.16		
15	256QAM	1	0	16.73	16.67	16.33		
15	256QAM	1	37	16.46	16.64	16.45	17.5	5
15	256QAM	1	74	16.48	16.64	16.32		
15	256QAM	36	0	16.58	16.64	16.59		
15	256QAM	36	20	16.43	16.68	16.24	17.5	5
15	256QAM	36	39	16.57	16.68	16.42		
15	256QAM	75	0	16.47	16.66	16.19		
Channel				26940	26340	26090	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.42	21.53	21.24	22.5	0
10	QPSK	1	25	21.32	21.48	21.20		
10	QPSK	1	49	21.55	21.37	21.14		
10	QPSK	25	0	20.55	20.55	20.16	21.5	1
10	QPSK	25	12	20.51	20.49	20.18		
10	QPSK	25	25	20.32	20.33	20.15		
10	QPSK	50	0	20.36	20.53	20.09		
10	16QAM	1	0	20.56	20.57	20.23	21.5	1
10	16QAM	1	25	20.47	20.51	20.08		
10	16QAM	1	49	20.53	20.51	20.19		
10	16QAM	25	0	19.53	19.63	19.18		
10	16QAM	25	12	19.46	19.58	19.38	20.5	2
10	16QAM	25	25	19.42	19.52	19.39		
10	16QAM	50	0	19.32	19.53	19.09		
10	64QAM	1	0	19.53	19.51	19.29		
10	64QAM	1	25	19.49	19.38	19.23	20.5	2
10	64QAM	1	49	19.46	19.61	19.24		
10	64QAM	25	0	18.60	18.47	18.33		
10	64QAM	25	12	18.62	18.46	18.35	19.5	3
10	64QAM	25	25	18.48	18.63	18.21		
10	64QAM	50	0	18.52	18.58	18.11		
10	256QAM	1	0	16.69	16.68	16.32		
10	256QAM	1	25	16.47	16.58	16.42	17.5	5
10	256QAM	1	49	16.51	16.64	16.29		
10	256QAM	25	0	16.72	16.66	16.63		
10	256QAM	25	12	16.44	16.75	16.28	17.5	5
10	256QAM	25	25	16.54	16.63	16.43		
10	256QAM	50	0	16.47	16.66	16.26		
Channel				26965	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.41	21.55	21.27	22.5	0
5	QPSK	1	12	21.33	21.49	21.11		
5	QPSK	1	24	21.57	21.35	21.22		
5	QPSK	12	0	20.48	20.52	20.17		
5	QPSK	12	7	20.46	20.43	20.15	21.5	1
5	QPSK	12	13	20.37	20.32	20.18		
5	QPSK	25	0	20.36	20.46	19.97		
5	16QAM	1	0	20.49	20.52	20.14		
5	16QAM	1	12	20.49	20.52	20.11	21.5	1
5	16QAM	1	24	20.50	20.56	20.20		
5	16QAM	12	0	19.41	19.53	19.13		
5	16QAM	12	7	19.48	19.51	19.25	20.5	2
5	16QAM	12	13	19.41	19.53	19.23		
5	16QAM	25	0	19.32	19.51	19.08		
5	64QAM	1	0	19.53	19.41	19.29		
5	64QAM	1	12	19.57	19.42	19.36	20.5	2
5	64QAM	1	24	19.41	19.66	19.22		
5	64QAM	12	0	18.64	18.49	18.32		
5	64QAM	12	7	18.60	18.52	18.33	19.5	3
5	64QAM	12	13	18.39	18.56	18.21		
5	64QAM	25	0	18.50	18.54	18.12		
5	256QAM	1	0	16.64	16.77	16.31		
5	256QAM	1	12	16.60	16.73	16.43	17.5	5
5	256QAM	1	24	16.49	16.60	16.33		
5	256QAM	12	0	16.68	16.66	16.56		
5	256QAM	12	7	16.45	16.71	16.24	17.5	5
5	256QAM	12	13	16.55	16.63	16.41		
5	256QAM	25	0	16.45	16.64	16.30		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.51	21.56	21.26	22.5	0
3	QPSK	1	8	21.36	21.51	21.15		
3	QPSK	1	14	21.46	21.39	21.22		
3	QPSK	8	0	20.42	20.51	20.16		
3	QPSK	8	4	20.46	20.50	20.20	21.5	1
3	QPSK	8	7	20.39	20.46	20.14		
3	QPSK	15	0	20.42	20.48	20.04		
3	16QAM	1	0	20.43	20.51	20.20		
3	16QAM	1	8	20.50	20.46	20.12	21.5	1
3	16QAM	1	14	20.46	20.57	20.19		
3	16QAM	8	0	19.51	19.58	19.18		
3	16QAM	8	4	19.49	19.53	19.27	20.5	2
3	16QAM	8	7	19.35	19.51	19.38		
3	16QAM	15	0	19.36	19.50	19.09		
3	64QAM	1	0	19.52	19.41	19.29		
3	64QAM	1	8	19.56	19.38	19.23	20.5	2
3	64QAM	1	14	19.43	19.63	19.20		
3	64QAM	8	0	18.54	18.52	18.27		
3	64QAM	8	4	18.68	18.53	18.34	19.5	3
3	64QAM	8	7	18.40	18.66	18.25		
3	64QAM	15	0	18.54	18.52	18.06		
3	256QAM	1	0	16.71	16.77	16.36		
3	256QAM	1	8	16.44	16.74	16.55	17.5	5
3	256QAM	1	14	16.46	16.68	16.35		
3	256QAM	8	0	16.74	16.65	16.63		
3	256QAM	8	4	16.48	16.70	16.28	17.5	5
3	256QAM	8	7	16.64	16.66	16.50		
3	256QAM	15	0	16.51	16.67	16.24		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.52	21.55	21.24	22.5	0
1.4	QPSK	1	3	21.24	21.45	21.11		
1.4	QPSK	1	5	21.57	21.38	21.15		
1.4	QPSK	3	0	21.50	21.52	21.12		
1.4	QPSK	3	1	21.31	21.50	21.10		
1.4	QPSK	3	3	21.57	21.40	21.07		
1.4	QPSK	6	0	20.52	20.49	20.12	21.5	1
1.4	16QAM	1	0	20.52	20.49	20.15		
1.4	16QAM	1	3	20.29	20.40	20.11		
1.4	16QAM	1	5	20.37	20.54	20.08	21.5	1
1.4	16QAM	3	0	20.48	20.61	20.18		
1.4	16QAM	3	1	20.45	20.51	20.13		
1.4	16QAM	3	3	20.51	20.49	20.21		
1.4	16QAM	6	0	19.59	19.66	19.16	20.5	2
1.4	64QAM	1	0	19.42	19.56	19.26		
1.4	64QAM	1	3	19.40	19.52	19.39		
1.4	64QAM	1	5	19.39	19.55	19.15	20.5	2
1.4	64QAM	3	0	19.53	19.56	19.23		
1.4	64QAM	3	1	19.48	19.49	19.27		
1.4	64QAM	3	3	19.51	19.57	19.20		
1.4	64QAM	6	0	18.46	18.51	18.13	19.5	3
1.4	256QAM	1	0	16.68	16.76	16.36		
1.4	256QAM	1	3	16.49	16.64	16.54		
1.4	256QAM	1	5	16.49	16.65	16.35	17.5	5
1.4	256QAM	3	0	16.70	16.65	16.64		
1.4	256QAM	3	1	16.44	16.74	16.28		
1.4	256QAM	3	3	16.55	16.62	16.50		
1.4	256QAM	6	0	16.48	16.65	16.28	17.5	5

Band 25 Ant 0 Default sig path: 457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.61	21.69	21.27	22.5	0
20	QPSK	1	49	21.39	21.65	21.26		
20	QPSK	1	99	21.62	21.53	21.29		
20	QPSK	50	0	20.61	20.74	20.30	21.5	1
20	QPSK	50	24	20.63	20.68	20.36		
20	QPSK	50	50	20.48	20.51	20.35		
20	QPSK	100	0	20.53	20.61	20.12		
20	16QAM	1	0	20.65	20.75	20.34		
20	16QAM	1	49	20.66	20.57	20.25	21.5	1
20	16QAM	1	99	20.64	20.68	20.35		
20	16QAM	50	0	19.69	19.74	19.24		
20	16QAM	50	24	19.59	19.71	19.40	20.5	2
20	16QAM	50	50	19.56	19.71	19.37		
20	16QAM	100	0	19.49	19.60	19.14		
20	64QAM	1	0	19.59	19.77	19.33		
20	64QAM	1	49	19.66	19.56	19.46	20.5	2
20	64QAM	1	99	19.66	19.78	19.32		
20	64QAM	50	0	18.81	18.86	18.33		
20	64QAM	50	24	18.72	18.60	18.34	19.5	3
20	64QAM	50	50	18.64	18.71	18.33		
20	64QAM	100	0	18.61	18.66	18.27		
20	256QAM	1	0	16.87	16.95	16.49		
20	256QAM	1	49	16.65	16.72	16.61	17.5	5
20	256QAM	1	99	16.71	16.82	16.37		
20	256QAM	50	0	16.85	16.89	16.70		
20	256QAM	50	24	16.69	16.86	16.40	17.5	5
20	256QAM	50	50	16.73	16.81	16.48		
20	256QAM	100	0	16.64	16.81	16.43		
Channel				26715	26340	25915	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.53	21.56	21.14	22.5	0
15	QPSK	1	37	21.25	21.51	21.21		
15	QPSK	1	74	21.51	21.41	21.17		
15	QPSK	36	0	20.54	20.62	20.18		
15	QPSK	36	20	20.49	20.42	20.26	21.5	1
15	QPSK	36	39	20.42	20.44	20.26		
15	QPSK	75	0	20.42	20.48	20.05		
15	16QAM	1	0	20.58	20.60	20.31		
15	16QAM	1	37	20.57	20.52	20.06	21.5	1
15	16QAM	1	74	20.52	20.55	20.37		
15	16QAM	36	0	19.63	19.65	19.24		
15	16QAM	36	20	19.49	19.64	19.38	20.5	2
15	16QAM	36	39	19.47	19.63	19.32		
15	16QAM	75	0	19.38	19.49	19.09		
15	64QAM	1	0	19.51	19.69	19.19		
15	64QAM	1	37	19.55	19.52	19.37	20.5	2
15	64QAM	1	74	19.60	19.64	19.27		
15	64QAM	36	0	18.69	18.57	18.34		
15	64QAM	36	20	18.63	18.51	18.33	19.5	3
15	64QAM	36	39	18.53	18.67	18.28		
15	64QAM	75	0	18.55	18.56	18.16		
15	256QAM	1	0	16.72	16.73	16.44		
15	256QAM	1	37	16.55	16.67	16.46	17.5	5
15	256QAM	1	74	16.63	16.76	16.30		
15	256QAM	36	0	16.68	16.76	16.58		
15	256QAM	36	20	16.59	16.70	16.31	17.5	5
15	256QAM	36	39	16.61	16.71	16.41		
15	256QAM	75	0	16.51	16.76	16.28		
Channel				26590	26340	26090	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.50	21.55	21.19	22.5	0
10	QPSK	1	25	21.24	21.52	21.22		
10	QPSK	1	49	21.55	21.40	21.18		
10	QPSK	25	0	20.50	20.68	20.23	21.5	1
10	QPSK	25	12	20.52	20.43	20.30		
10	QPSK	25	25	20.44	20.47	20.25		
10	QPSK	50	0	20.42	20.56	20.07		
10	16QAM	1	0	20.48	20.68	20.27	21.5	1
10	16QAM	1	25	20.54	20.46	20.21		
10	16QAM	1	49	20.53	20.57	20.33		
10	16QAM	25	0	19.64	19.68	19.25		
10	16QAM	25	12	19.46	19.61	19.43	20.5	2
10	16QAM	25	25	19.46	19.63	19.42		
10	16QAM	50	0	19.45	19.47	19.08		
10	64QAM	1	0	19.53	19.65	19.27		
10	64QAM	1	25	19.59	19.46	19.26	20.5	2
10	64QAM	1	49	19.60	19.65	19.16		
10	64QAM	25	0	18.62	18.52	18.23		
10	64QAM	25	12	18.56	18.47	18.22	19.5	3
10	64QAM	25	25	18.56	18.63	18.19		
10	64QAM	50	0	18.45	18.55	18.13		
10	256QAM	1	0	16.80	16.76	16.54		
10	256QAM	1	25	16.53	16.64	16.65	17.5	5
10	256QAM	1	49	16.64	16.74	16.32		
10	256QAM	25	0	16.74	16.74	16.59		
10	256QAM	25	12	16.55	16.75	16.28	17.5	5
10	256QAM	25	25	16.64	16.76	16.41		
10	256QAM	50	0	16.48	16.73	16.31		
Channel				26965	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.54	21.63	21.16	22.5	0
5	QPSK	1	12	21.29	21.52	21.18		
5	QPSK	1	24	21.52	21.46	21.20		
5	QPSK	12	0	20.51	20.69	20.24		
5	QPSK	12	7	20.51	20.42	20.33	21.5	1
5	QPSK	12	13	20.43	20.38	20.20		
5	QPSK	25	0	20.38	20.46	20.07		
5	16QAM	1	0	20.53	20.70	20.30		
5	16QAM	1	12	20.52	20.51	20.27	21.5	1
5	16QAM	1	24	20.57	20.61	20.36		
5	16QAM	12	0	19.54	19.65	19.21		
5	16QAM	12	7	19.45	19.57	19.46	20.5	2
5	16QAM	12	13	19.40	19.57	19.33		
5	16QAM	25	0	19.38	19.45	19.09		
5	64QAM	1	0	19.62	19.64	19.26		
5	64QAM	1	12	19.62	19.41	19.30	20.5	2
5	64QAM	1	24	19.61	19.68	19.21		
5	64QAM	12	0	18.69	18.57	18.27		
5	64QAM	12	7	18.62	18.52	18.19	19.5	3
5	64QAM	12	13	18.52	18.66	18.21		
5	64QAM	25	0	18.55	18.60	18.18		
5	256QAM	1	0	16.80	16.76	16.44		
5	256QAM	1	12	16.62	16.65	16.65	17.5	5
5	256QAM	1	24	16.59	16.67	16.36		
5	256QAM	12	0	16.81	16.82	16.75		
5	256QAM	12	7	16.60	16.79	16.36	17.5	5
5	256QAM	12	13	16.67	16.75	16.49		
5	256QAM	25	0	16.51	16.76	16.28		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.53	21.61	21.21	22.5	0
3	QPSK	1	8	21.33	21.51	21.18		
3	QPSK	1	14	21.53	21.37	21.23		
3	QPSK	8	0	20.47	20.68	20.20		
3	QPSK	8	4	20.58	20.45	20.31	21.5	1
3	QPSK	8	7	20.43	20.41	20.26		
3	QPSK	15	0	20.37	20.55	20.14		
3	16QAM	1	0	20.54	20.67	20.21		
3	16QAM	1	8	20.48	20.46	20.17	21.5	1
3	16QAM	1	14	20.60	20.58	20.25		
3	16QAM	8	0	19.58	19.65	19.24		
3	16QAM	8	4	19.48	19.63	19.41	20.5	2
3	16QAM	8	7	19.47	19.66	19.40		
3	16QAM	15	0	19.39	19.56	19.13		
3	64QAM	1	0	19.51	19.73	19.30		
3	64QAM	1	8	19.61	19.45	19.41	20.5	2
3	64QAM	1	14	19.60	19.62	19.31		
3	64QAM	8	0	18.61	18.61	18.20		
3	64QAM	8	4	18.67	18.51	18.28	19.5	3
3	64QAM	8	7	18.56	18.65	18.22		
3	64QAM	15	0	18.51	18.61	18.20		
3	256QAM	1	0	16.77	16.76	16.40		
3	256QAM	1	8	16.68	16.68	16.53	17.5	5
3	256QAM	1	14	16.64	16.77	16.31		
3	256QAM	8	0	16.72	16.83	16.68		
3	256QAM	8	4	16.63	16.75	16.38	17.5	5
3	256QAM	8	7	16.63	16.74	16.47		
3	256QAM	15	0	16.58	16.65	16.31		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.47	21.59	21.23	22.5	0
1.4	QPSK	1	3	21.25	21.57	21.21		
1.4	QPSK	1	5	21.57	21.42	21.16		
1.4	QPSK	3	0	21.48	21.56	21.15		
1.4	QPSK	3	1	21.26	21.53	21.21		
1.4	QPSK	3	3	21.49	21.39	21.20		
1.4	QPSK	6	0	20.46	20.60	20.22	21.5	1
1.4	16QAM	1	0	20.52	20.42	20.32		
1.4	16QAM	1	3	20.34	20.38	20.35		
1.4	16QAM	1	5	20.40	20.55	20.12	21.5	1
1.4	16QAM	3	0	20.51	20.65	20.28		
1.4	16QAM	3	1	20.52	20.46	20.17		
1.4	16QAM	3	3	20.58	20.61	20.29		
1.4	16QAM	6	0	19.65	19.70	19.28	20.5	2
1.4	64QAM	1	0	19.44	19.65	19.51		
1.4	64QAM	1	3	19.42	19.58	19.42		
1.4	64QAM	1	5	19.36	19.55	19.19	20.5	2
1.4	64QAM	3	0	19.50	19.65	19.26		
1.4	64QAM	3	1	19.51	19.50	19.34		
1.4	64QAM	3	3	19.57	19.73	19.27		
1.4	64QAM	6	0	18.60	18.61	18.26	19.5	3
1.4	256QAM	1	0	16.73	16.73	16.42		
1.4	256QAM	1	3	16.54	16.66	16.51		
1.4	256QAM	1	5	16.66	16.72	16.29	17.5	5
1.4	256QAM	3	0	16.80	16.74	16.74		
1.4	256QAM	3	1	16.62	16.78	16.34		
1.4	256QAM	3	3	16.63	16.72	16.54		
1.4	256QAM	6	0	16.54	16.75	16.29	17.5	5

Band 66 Ant 0 Default sig path: 70

BW [MHz]	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	22.00	22.15	21.80	23	0
20	QPSK	1	49	21.93	22.10	21.81		
20	QPSK	1	99	22.12	22.06	21.78		
20	QPSK	50	0	21.13	21.23	20.78	22	1
20	QPSK	50	24	21.16	21.08	20.85		
20	QPSK	50	50	20.93	21.02	20.90		
20	QPSK	100	0	21.01	21.15	20.67		
20	16QAM	1	0	21.13	21.27	20.84		
20	16QAM	1	49	21.17	21.15	20.81	22	1
20	16QAM	1

Band 2 Ant 4 Default sig path: 44

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.07	23.14	22.94	24	0
20	QPSK	1	49	22.98	23.01	22.78		
20	QPSK	1	99	22.87	23.09	22.74		
20	QPSK	50	0	22.00	22.21	21.84		
20	QPSK	50	24	22.11	22.06	21.88	23	1
20	QPSK	50	50	22.02	22.11	21.91		
20	QPSK	100	0	21.99	22.15	21.97		
20	16QAM	1	0	22.10	22.07	22.03		
20	16QAM	1	49	22.04	22.03	21.88	23	1
20	16QAM	1	99	22.11	21.93	21.93		
20	16QAM	50	0	21.13	21.04	20.88		
20	16QAM	50	24	21.02	21.21	20.90	22	2
20	16QAM	50	50	20.98	21.19	21.04		
20	16QAM	100	0	20.95	21.06	20.84		
20	64QAM	1	0	20.96	21.05	20.90		
20	64QAM	1	49	20.98	21.08	20.91	22	2
20	64QAM	1	99	21.09	21.17	20.83		
20	64QAM	50	0	20.07	20.14	19.93		
20	64QAM	50	24	20.02	20.04	20.00	21	3
20	64QAM	50	50	19.93	20.09	19.95		
20	64QAM	100	0	19.84	20.02	20.05		
20	256QAM	1	0	18.29	18.31	17.95		
20	256QAM	1	49	17.99	18.28	18.20	19	5
20	256QAM	1	99	18.07	18.21	17.84		
20	256QAM	50	0	18.14	18.22	18.21		
20	256QAM	50	24	18.13	18.31	18.06	19	5
20	256QAM	50	50	18.28	18.27	18.04		
20	256QAM	100	0	18.00	18.23	17.89		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.93	23.01	22.86	24	0
15	QPSK	1	37	22.80	22.90	22.74		
15	QPSK	1	74	22.76	23.04	22.67		
15	QPSK	36	0	21.89	22.13	21.77		
15	QPSK	36	20	21.99	21.94	21.81	23	1
15	QPSK	36	39	21.94	21.97	21.84		
15	QPSK	75	0	21.95	22.03	21.81		
15	16QAM	1	0	22.01	21.92	21.96		
15	16QAM	1	37	21.97	21.96	21.77	23	1
15	16QAM	1	74	22.00	21.87	21.80		
15	16QAM	36	0	21.08	20.98	20.80		
15	16QAM	36	20	20.93	21.08	20.82	22	2
15	16QAM	36	39	20.92	21.13	20.95		
15	16QAM	75	0	20.82	20.95	20.75		
15	64QAM	1	0	20.84	21.14	20.85		
15	64QAM	1	37	20.88	20.93	20.87	22	2
15	64QAM	1	74	20.94	21.05	20.75		
15	64QAM	36	0	19.94	20.10	19.83		
15	64QAM	36	20	19.96	19.97	19.89	21	3
15	64QAM	36	39	19.78	19.99	19.89		
15	64QAM	75	0	19.79	19.96	20.00		
15	256QAM	1	0	18.16	18.15	17.83		
15	256QAM	1	37	17.95	18.16	18.10	19	5
15	256QAM	1	74	18.01	18.09	17.77		
15	256QAM	36	0	18.00	18.17	18.06		
15	256QAM	36	20	18.03	18.23	18.01	19	5
15	256QAM	36	39	18.23	18.17	17.91		
15	256QAM	75	0	17.85	18.16	17.75		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.95	23.04	22.87	24	0
10	QPSK	1	25	22.85	22.93	22.72		
10	QPSK	1	49	22.74	22.95	22.60		
10	QPSK	25	0	21.87	22.15	21.76		
10	QPSK	25	12	22.04	21.95	21.77	23	1
10	QPSK	25	25	21.93	22.01	21.77		
10	QPSK	50	0	21.84	22.10	21.88		
10	16QAM	1	0	22.04	21.95	21.87		
10	16QAM	1	25	21.92	21.95	21.73	23	1
10	16QAM	1	49	22.04	21.82	21.79		
10	16QAM	25	0	21.04	21.03	20.81		
10	16QAM	25	12	20.88	21.12	20.78	22	2
10	16QAM	25	25	20.83	21.05	20.95		
10	16QAM	50	0	20.82	20.90	20.77		
10	64QAM	1	0	20.90	21.14	20.83		
10	64QAM	1	25	20.91	20.94	20.84	22	2
10	64QAM	1	49	20.95	21.13	20.70		
10	64QAM	25	0	19.95	20.05	19.77		
10	64QAM	25	12	19.90	19.98	19.88	21	3
10	64QAM	25	25	19.78	19.93	19.84		
10	64QAM	50	0	19.75	19.93	20.00		
10	256QAM	1	0	18.25	18.19	17.85		
10	256QAM	1	25	17.94	18.24	18.12	19	5
10	256QAM	1	49	18.02	18.09	17.76		
10	256QAM	25	0	18.06	18.16	18.16		
10	256QAM	25	12	18.04	18.18	17.94	19	5
10	256QAM	25	25	18.13	18.16	17.95		
10	256QAM	50	0	17.89	18.13	17.84		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.94	23.03	22.84	24	0
5	QPSK	1	12	22.91	22.91	22.70		
5	QPSK	1	24	22.78	23.00	22.61		
5	QPSK	12	0	21.92	22.09	21.70		
5	QPSK	12	7	22.03	21.97	21.75	23	1
5	QPSK	12	13	21.95	22.03	21.81		
5	QPSK	25	0	21.92	22.10	21.86		
5	16QAM	1	0	21.96	22.00	21.98		
5	16QAM	1	12	21.92	21.89	21.84	23	1
5	16QAM	1	24	21.97	21.81	21.85		
5	16QAM	12	0	20.97	20.95	20.78		
5	16QAM	12	7	20.93	21.06	20.84	22	2
5	16QAM	12	13	20.91	21.03	20.88		
5	16QAM	25	0	20.83	20.98	20.75		
5	64QAM	1	0	20.82	21.15	20.75		
5	64QAM	1	12	20.93	20.97	20.86	22	2
5	64QAM	1	24	21.04	21.10	20.70		
5	64QAM	12	0	19.93	19.99	19.86		
5	64QAM	12	7	19.90	19.94	19.90	21	3
5	64QAM	12	13	19.88	19.98	19.80		
5	64QAM	25	0	19.73	19.97	19.97		
5	256QAM	1	0	18.19	18.24	17.84		
5	256QAM	1	12	17.84	18.18	18.10	19	5
5	256QAM	1	24	18.00	18.12	17.90		
5	256QAM	12	0	18.01	18.08	18.14		
5	256QAM	12	7	18.07	18.23	17.97	19	5
5	256QAM	12	13	18.14	18.19	17.95		
5	256QAM	25	0	17.88	18.14	17.81		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.02	23.06	22.83		
3	QPSK	1	8	22.85	22.89	22.69	24	0
3	QPSK	1	14	22.76	23.01	22.63		
3	QPSK	8	0	21.90	22.14	21.78		
3	QPSK	8	4	22.06	21.93	21.79	23	1
3	QPSK	8	7	21.87	22.04	21.81		
3	QPSK	15	0	21.87	22.02	21.87		
3	16QAM	1	0	21.97	21.98	21.98		
3	16QAM	1	8	21.99	21.98	21.77	23	1
3	16QAM	1	14	22.04	21.83	21.79		
3	16QAM	8	0	21.00	20.98	20.83		
3	16QAM	8	4	20.86	21.16	20.85	22	2
3	16QAM	8	7	20.92	21.10	20.94		
3	16QAM	15	0	20.86	20.95	20.78		
3	64QAM	1	0	20.80	21.15	20.80		
3	64QAM	1	8	20.91	20.99	20.76	22	2
3	64QAM	1	14	20.97	21.06	20.77		
3	64QAM	8	0	20.00	20.04	19.86		
3	64QAM	8	4	19.96	19.89	19.89	21	3
3	64QAM	8	7	19.80	19.95	19.90		
3	64QAM	15	0	19.77	19.93	19.99		
3	256QAM	1	0	18.16	18.27	17.90		
3	256QAM	1	8	17.92	18.22	18.08	19	5
3	256QAM	1	14	18.00	18.15	17.95		
3	256QAM	8	0	17.99	18.15	18.13		
3	256QAM	8	4	18.08	18.20	17.99	19	5
3	256QAM	8	7	18.23	18.22	17.90		
3	256QAM	15	0	17.96	18.16	17.79		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.89	23.06	23.04		
1.4	QPSK	1	3	22.98	22.97	22.91		
1.4	QPSK	1	5	22.92	22.99	23.02	24	0
1.4	QPSK	3	0	22.97	22.97	23.04		
1.4	QPSK	3	1	22.90	22.86	23.01		
1.4	QPSK	3	3	22.83	22.97	22.95		
1.4	QPSK	6	0	21.86	22.17	22.13	23	1
1.4	16QAM	1	0	21.92	21.90	21.72		
1.4	16QAM	1	3	22.07	21.79	21.81		
1.4	16QAM	1	5	22.04	22.14	21.88	23	1
1.4	16QAM	3	0	21.90	22.00	21.76		
1.4	16QAM	3	1	21.76	21.87	21.80		
1.4	16QAM	3	3	22.00	21.96	22.00		
1.4	16QAM	6	0	21.11	21.07	20.92	22	2
1.4	64QAM	1	0	21.02	21.04	20.80		
1.4	64QAM	1	3	20.80	20.99	20.90		
1.4	64QAM	1	5	20.96	21.10	20.68	22	2
1.4	64QAM	3	0	21.11	21.09	21.09		
1.4	64QAM	3	1	21.11	20.85	21.02		
1.4	64QAM	3	3	21.23	21.20	21.15		
1.4	64QAM	6	0	20.17	20.06	20.05	21	3
1.4	256QAM	1	0	18.09	18.21	18.06		
1.4	256QAM	1	3	17.92	17.97	18.24		
1.4	256QAM	1	5	18.02	18.19	18.05	19	5
1.4	256QAM	3	0	18.31	18.25	18.15		
1.4	256QAM	3	1	18.08	18.27	18.18		
1.4	256QAM	3	3	18.05	18.41	18.12		
1.4	256QAM	6	0	17.94	18.19	17.92	19	5

Band 2 Ant 4 Default sig path: 456

BW [MHz]	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	22.91	23.02	22.81	24	0
20	QPSK	1	49	22.85	22.87	22.67		
20	QPSK	1	99	22.73	23.01	22.68		
20	QPSK	50	0	21.88	22.17	21.77		
20	QPSK	50	24	21.95	21.99	21.76	23	1
20	QPSK	50	50	21.98	21.97	21.86		
20	QPSK	100	0	21.93	21.95	21.86		
20	16QAM	1	0	21.95	21.92	21.89		
20	16QAM	1	49	21.91	21.98	21.74	23	1
20	16QAM	1	99	22.00	21.79	21.86		
20	16QAM	50	0	20.99	20.98	20.77		
20	16QAM	50	24	20.87	21.11	20.77	22	2
20	16QAM	50	50	20.86	21.11	20.94		
20	16QAM	100	0	20.83	20.95	20.76		
20	64QAM	1	0	20.83	21.02	20.84		
20	64QAM	1	49	20.94	20.95	20.85	22	2
20	64QAM	1	99	21.00	21.01	20.69		
20	64QAM	50	0	19.92	20.07	19.79		
20	64QAM	50	24	19.86	19.92	19.93	21	3
20	64QAM	50	50	19.86	19.96	19.80		
20	64QAM	100	0	19.72	19.87	19.93		
20	256QAM	1	0	18.14	18.16	17.80		
20	256QAM	1	49	17.90	18.16	18.06	19	5
20	256QAM	1	99	17.95	18.12	17.76		
20	256QAM	50	0	18.01	18.16	18.13		
20	256QAM	50	24	18.02	18.19	17.97	19	5
20	256QAM	50	50	18.03	18.17	17.92		
20	256QAM	100	0	17.86	18.10	17.76		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.78	22.89	22.67	24	0
15	QPSK	1	37	22.72	22.72	22.59		
15	QPSK	1	74	22.59	22.91	22.62		
15	QPSK	36	0	21.78	22.04	21.72		
15	QPSK	36	20	21.87	21.91	21.62	23	1
15	QPSK	36	39	21.83	21.88	21.75		
15	QPSK	75	0	21.80	21.85	21.75		
15	16QAM	1	0	21.87	21.77	21.75		
15	16QAM	1	37	21.75	21.91	21.70	23	1
15	16QAM	1	74	22.00	21.74	21.72		
15	16QAM	36	0	20.84	20.88	20.62		
15	16QAM	36	20	20.74	20.98	20.72	22	2
15	16QAM	36	39	20.82	21.02	20.85		
15	16QAM	75	0	20.75	20.95	20.63		
15	64QAM	1	0	20.74	21.06	20.77		
15	64QAM	1	37	20.81	20.90	20.75	22	2
15	64QAM	1	74	20.86	20.86	20.59		
15	64QAM	36	0	19.79	19.93	19.66		
15	64QAM	36	20	19.74	19.82	19.87	21	3
15	64QAM	36	39	19.77	19.82	19.67		
15	64QAM	75	0	19.68	19.74	19.82		
15	256QAM	1	0	18.07	18.06	17.68		
15	256QAM	1	37	17.75	18.05	17.94	19	5
15	256QAM	1	74	17.82	18.07	17.62		
15	256QAM	36	0	17.97	18.01	18.06		
15	256QAM	36	20	17.89	18.11	17.83	19	5
15	256QAM	36	39	18.12	18.08	17.87		
15	256QAM	75	0	17.82	17.95	17.60		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.76	22.87	22.71	24	0
10	QPSK	1	25	22.81	22.74	22.53		
10	QPSK	1	49	22.65	22.94	22.53		
10	QPSK	25	0	21.83	22.13	21.67		
10	QPSK	25	12	21.81	21.90	21.72	23	1
10	QPSK	25	25	21.86	21.82	21.80		
10	QPSK	50	0	21.78	21.90	21.75		
10	16QAM	1	0	21.88	21.82	21.75		
10	16QAM	1	25	21.84	21.83	21.68	23	1
10	16QAM	1	49	21.92	21.77	21.77		
10	16QAM	25	0	20.89	20.83	20.62		
10	16QAM	25	12	20.81	21.07	20.71	22	2
10	16QAM	25	25	20.77	21.03	20.82		
10	16QAM	50	0	20.75	20.80	20.70		
10	64QAM	1	0	20.76	21.09	20.76		
10	64QAM	1	25	20.89	20.89	20.78	22	2
10	64QAM	1	49	20.91	20.94	20.64		
10	64QAM	25	0	19.87	19.93	19.65		
10	64QAM	25	12	19.80	19.82	19.84	21	3
10	64QAM	25	25	19.76	19.82	19.70		
10	64QAM	50	0	19.61	19.76	19.86		
10	256QAM	1	0	18.04	18.17	17.68		
10	256QAM	1	25	17.81	18.05	18.00	19	5
10	256QAM	1	49	17.81	18.01	17.67		
10	256QAM	25	0	17.96	18.06	17.98		
10	256QAM	25	12	17.84	18.03	17.84	19	5
10	256QAM	25	25	18.05	18.07	17.85		
10	256QAM	50	0	17.76	17.94	17.64		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.80	22.93	22.75	24	0
5	QPSK	1	12	22.81	22.75	22.57		
5	QPSK	1	24	22.69	22.86	22.56		
5	QPSK	12	0	21.76	22.06	21.70		
5	QPSK	12	7	21.85	21.91	21.67	23	1
5	QPSK	12	13	21.88	21.82	21.75		
5	QPSK	25	0	21.79	21.96	21.79		
5	16QAM	1	0	21.80	21.80	21.82		
5	16QAM	1	12	21.85	21.83	21.66	23	1
5	16QAM	1	24	21.90	21.73	21.71		
5	16QAM	12	0	20.93	20.84	20.72		
5	16QAM	12	7	20.77	21.03	20.63	22	2
5	16QAM	12	13	20.77	21.05	20.87		
5	16QAM	25	0	20.78	20.90	20.64		
5	64QAM	1	0	20.77	20.99	20.77		
5	64QAM	1	12	20.87	20.82	20.69	22	2
5	64QAM	1	24	20.97	20.97	20.66		
5	64QAM	12	0	19.77	20.03	19.72		
5	64QAM	12	7	19.76	19.80	19.86	21	3
5	64QAM	12	13	19.79	19.88	19.72		
5	64QAM	25	0	19.62	19.75	19.83		
5	256QAM	1	0	18.09	18.02	17.68		
5	256QAM	1	12	17.77	18.02	17.97	19	5
5	256QAM	1	24	17.87	18.01	17.65		
5	256QAM	12	0	17.90	18.00	18.00		
5	256QAM	12	7	17.90	18.13	17.92	19	5
5	256QAM	12	13	18.04	18.01	17.77		
5	256QAM	25	0	17.75	17.96	17.68		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.78	22.92	22.73		
3	QPSK	1	8	22.72	22.78	22.63	24	0
3	QPSK	1	14	22.59	22.90	22.57		
3	QPSK	8	0	21.73	21.91	21.62		
3	QPSK	8	4	21.90	21.84	21.63	23	1
3	QPSK	8	7	21.85	21.89	21.81		
3	QPSK	15	0	21.84	21.86	21.73		
3	16QAM	1	0	21.82	21.77	21.79		
3	16QAM	1	8	21.76	21.93	21.63	23	1
3	16QAM	1	14	21.89	21.71	21.81		
3	16QAM	8	0	20.94	20.83	20.70		
3	16QAM	8	4	20.80	21.10	20.65	22	2
3	16QAM	8	7	20.77	20.96	20.79		
3	16QAM	15	0	20.70	20.82	20.70		
3	64QAM	1	0	20.74	20.99	20.77		
3	64QAM	1	8	20.80	20.91	20.79	22	2
3	64QAM	1	14	20.91	20.87	20.57		
3	64QAM	8	0	19.86	19.96	19.71		
3	64QAM	8	4	19.78	19.82	19.84	21	3
3	64QAM	8	7	19.76	19.90	19.66		
3	64QAM	15	0	19.56	19.75	19.78		
3	256QAM	1	0	18.09	18.10	17.73		
3	256QAM	1	8	17.82	18.04	17.91	19	5
3	256QAM	1	14	17.83	17.96	17.68		
3	256QAM	8	0	17.94	18.03	17.98		
3	256QAM	8	4	17.94	18.09	17.86	19	5
3	256QAM	8	7	18.08	18.11	17.79		
3	256QAM	15	0	17.72	18.06	17.70		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.79	22.94	22.90		
1.4	QPSK	1	3	22.90	22.87	22.77		
1.4	QPSK	1	5	22.83	22.85	22.89	24	0
1.4	QPSK	3	0	22.83	22.86	22.95		
1.4	QPSK	3	1	22.83	22.81	22.97		
1.4	QPSK	3	3	22.72	22.91	22.83		
1.4	QPSK	6	0	21.79	22.02	21.97	23	1
1.4	16QAM	1	0	21.81	21.83	21.69		
1.4	16QAM	1	3	21.92	21.65	21.66		
1.4	16QAM	1	5	21.91	22.10	21.73	23	1
1.4	16QAM	3	0	21.85	21.87	21.70		
1.4	16QAM	3	1	21.67	21.82	21.73		
1.4	16QAM	3	3	21.91	21.89	21.93		
1.4	16QAM	6	0	21.06	20.96	20.79	22	2
1.4	64QAM	1	0	20.91	20.96	20.69		
1.4	64QAM	1	3	20.75	20.85	20.79		
1.4	64QAM	1	5	20.83	21.00	20.54	22	2
1.4	64QAM	3	0	20.98	20.94	21.01		
1.4	64QAM	3	1	21.05	20.75	20.96		
1.4	64QAM	3	3	21.10	21.04	21.00		
1.4	64QAM	6	0	20.02	19.98	19.97	21	3
1.4	256QAM	1	0	17.93	18.10	17.90		
1.4	256QAM	1	3	17.80	17.91	18.09		
1.4	256QAM	1	5	17.91	18.06	17.98	19	5
1.4	256QAM	3	0	18.23	18.15	18.10		
1.4	256QAM	3	1	17.97	18.21	18.04		
1.4	256QAM	3	3	17.99	18.34	17.98		
1.4	256QAM	6	0	17.80	18.15	17.81	19	5

Band 4 Ant 4 Default sig path: 69

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.17	23.27	23.19	24	0
20	QPSK	1	49	23.04	23.12	23.00		
20	QPSK	1	99	23.02	23.21	22.96		
20	QPSK	50	0	22.12	22.25	22.03		
20	QPSK	50	24	22.17	22.14	22.11	23	1
20	QPSK	50	50	22.12	22.21	22.08		
20	QPSK	100	0	22.07	22.27	22.12		
20	16QAM	1	0	22.17	22.18	22.19		
20	16QAM	1	49	22.19	22.19	22.05	23	1
20	16QAM	1	99	22.15	22.06	22.15		
20	16QAM	50	0	21.26	21.19	21.11		
20	16QAM	50	24	21.10	21.29	21.16	22	2
20	16QAM	50	50	21.05	21.32	21.23		
20	16QAM	100	0	21.04	21.19	21.00		

Band 7 Ant 4 Default

BW [MHz]	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	23.31	23.38	23.33	24	0
20	QPSK	1	49	22.98	23.26	23.13		
20	QPSK	1	99	21.28	23.19	23.00		
20	QPSK	50	0	22.07	22.29	22.15	23	1
20	QPSK	50	24	22.08	22.22	22.17		
20	QPSK	50	50	22.17	22.28	22.19		
20	QPSK	100	0	22.10	22.24	22.15		
20	16QAM	1	0	22.15	22.37	22.13	23	1
20	16QAM	1	49	22.14	22.24	22.17		
20	16QAM	1	99	22.21	22.26	22.24		
20	16QAM	50	0	21.28	21.27	21.16	22	2
20	16QAM	50	24	21.08	21.26	21.18		
20	16QAM	50	50	21.20	21.26	21.14		
20	16QAM	100	0	21.13	21.19	21.02		
20	64QAM	1	0	21.21	21.25	21.19	22	2
20	64QAM	1	49	21.16	21.14	21.14		
20	64QAM	1	99	21.06	21.24	21.18		
20	64QAM	50	0	20.19	20.27	20.17	21	3
20	64QAM	50	24	20.19	20.24	20.17		
20	64QAM	50	50	20.15	20.22	20.15		
20	64QAM	100	0	20.14	20.18	20.13		
20	256QAM	1	0	18.42	18.46	18.21	19	5
20	256QAM	1	49	18.26	18.43	18.32		
20	256QAM	1	99	18.19	18.46	18.17		
20	256QAM	50	0	18.39	18.42	18.52	19	5
20	256QAM	50	24	18.30	18.41	18.36		
20	256QAM	50	50	18.38	18.40	18.28		
20	256QAM	100	0	18.19	18.38	18.17		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.25	23.23	23.10	24	0
15	QPSK	1	37	23.05	23.20	23.09		
15	QPSK	1	74	23.09	23.26	23.04		
15	QPSK	36	0	22.03	22.20	22.12	23	1
15	QPSK	36	20	22.13	22.22	22.17		
15	QPSK	36	39	22.07	22.15	22.22		
15	QPSK	75	0	22.09	22.18	22.26		
15	16QAM	1	0	22.19	22.30	22.16	23	1
15	16QAM	1	37	22.21	22.13	22.16		
15	16QAM	1	74	22.18	22.17	22.16		
15	16QAM	36	0	21.28	21.32	21.17	22	2
15	16QAM	36	20	21.22	21.30	21.13		
15	16QAM	36	39	21.19	21.31	21.27		
15	16QAM	75	0	21.11	21.19	21.07		
15	64QAM	1	0	21.21	21.29	21.28	22	2
15	64QAM	1	37	21.21	21.20	21.15		
15	64QAM	1	74	21.20	21.29	21.11		
15	64QAM	36	0	20.25	20.18	20.14	21	3
15	64QAM	36	20	20.22	20.23	20.32		
15	64QAM	36	39	20.12	20.23	20.23		
15	64QAM	75	0	20.05	20.26	20.18		
15	256QAM	1	0	18.38	18.45	18.16	19	5
15	256QAM	1	37	18.20	18.40	18.35		
15	256QAM	1	74	18.22	18.34	18.11		
15	256QAM	36	0	18.42	18.39	18.58	19	5
15	256QAM	36	20	18.19	18.34	18.23		
15	256QAM	36	39	18.30	18.38	18.38		
15	256QAM	75	0	18.30	18.28	18.14		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.22	23.24	23.11	24	0
10	QPSK	1	25	23.12	23.15	23.12		
10	QPSK	1	49	23.08	23.28	23.08		
10	QPSK	25	0	22.17	22.27	22.00	23	1
10	QPSK	25	12	22.24	22.13	22.15		
10	QPSK	25	25	22.20	22.21	22.19		
10	QPSK	50	0	22.06	22.16	22.25		
10	16QAM	1	0	22.20	22.37	22.09	23	1
10	16QAM	1	25	22.27	22.12	22.18		
10	16QAM	1	49	22.26	22.12	22.21		
10	16QAM	25	0	21.18	21.28	21.10	22	2
10	16QAM	25	12	21.08	21.26	21.16		
10	16QAM	25	25	21.10	21.28	21.25		
10	16QAM	50	0	21.13	21.23	21.16		
10	64QAM	1	0	21.16	21.33	21.28	22	2
10	64QAM	1	25	21.22	21.09	21.17		
10	64QAM	1	49	21.06	21.22	21.19		
10	64QAM	25	0	20.23	20.28	20.14	21	3
10	64QAM	25	12	20.22	20.23	20.27		
10	64QAM	25	25	20.05	20.22	20.22		
10	64QAM	50	0	20.18	20.14	20.15		
10	256QAM	1	0	18.40	18.43	18.29	19	5
10	256QAM	1	25	18.24	18.40	18.44		
10	256QAM	1	49	18.22	18.42	18.16		
10	256QAM	25	0	18.46	18.49	18.54	19	5
10	256QAM	25	12	18.23	18.48	18.35		
10	256QAM	25	25	18.45	18.44	18.39		
10	256QAM	50	0	18.27	18.29	18.19		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.25	23.31	23.12	24	0
5	QPSK	1	12	23.01	23.27	23.01		
5	QPSK	1	24	23.12	23.25	23.01		
5	QPSK	12	0	22.03	22.22	22.02	23	1
5	QPSK	12	7	22.23	22.17	22.20		
5	QPSK	12	13	22.17	22.31	22.16		
5	QPSK	25	0	22.07	22.24	22.22		
5	16QAM	1	0	22.16	22.27	22.15	23	1
5	16QAM	1	12	22.20	22.23	22.20		
5	16QAM	1	24	22.17	22.19	22.12		
5	16QAM	12	0	21.21	21.24	21.12	22	2
5	16QAM	12	7	21.17	21.22	21.13		
5	16QAM	12	13	21.17	21.23	21.16		
5	16QAM	25	0	21.16	21.22	21.11		
5	64QAM	1	0	21.21	21.23	21.22	22	2
5	64QAM	1	12	21.23	21.18	21.13		
5	64QAM	1	24	21.21	21.27	21.08		
5	64QAM	12	0	20.25	20.22	20.15	21	3
5	64QAM	12	7	20.22	20.25	20.23		
5	64QAM	12	13	20.04	20.19	20.13		
5	64QAM	25	0	20.05	20.25	20.26		
5	256QAM	1	0	18.43	18.43	18.26	19	5
5	256QAM	1	12	18.15	18.30	18.41		
5	256QAM	1	24	18.27	18.45	18.12		
5	256QAM	12	0	18.44	18.41	18.54	19	5
5	256QAM	12	7	18.20	18.42	18.23		
5	256QAM	12	13	18.39	18.33	18.36		
5	256QAM	25	0	18.23	18.35	18.24		

Band 25 Ant 4 Default sig path: 45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.09	23.18	22.95	24	0
20	QPSK	1	49	22.97	23.09	22.85		
20	QPSK	1	99	22.97	23.16	22.76		
20	QPSK	50	0	22.01	22.26	21.90	23	1
20	QPSK	50	24	22.18	22.14	21.96		
20	QPSK	50	50	22.06	22.18	22.00		
20	QPSK	100	0	21.99	22.25	22.05		
20	16QAM	1	0	22.18	22.15	22.07	23	1
20	16QAM	1	49	22.11	22.03	21.98		
20	16QAM	1	99	22.13	21.98	21.99		
20	16QAM	50	0	21.21	21.12	20.92	22	2
20	16QAM	50	24	21.10	21.29	20.96		
20	16QAM	50	50	21.07	21.23	21.04		
20	16QAM	100	0	21.02	21.13	20.92		
20	64QAM	1	0	21.09	21.23	20.90	22	2
20	64QAM	1	49	21.06	21.15	20.94		
20	64QAM	1	99	21.09	21.17	20.88		
20	64QAM	50	0	20.14	20.16	20.03	21	3
20	64QAM	50	24	20.05	20.09	20.09		
20	64QAM	50	50	19.98	20.12	19.98		
20	64QAM	100	0	19.86	20.03	20.15		
20	256QAM	1	0	18.38	18.35	18.02	19	5
20	256QAM	1	49	18.09	18.33	18.22		
20	256QAM	1	99	18.15	18.22	17.88		
20	256QAM	50	0	18.24	18.29	18.20	19	5
20	256QAM	50	24	18.15	18.31	18.12		
20	256QAM	50	50	18.29	18.10	18.10		
20	256QAM	100	0	18.11	18.29	17.99		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.03	23.04	22.88	24	0
15	QPSK	1	37	22.81	23.03	22.70		
15	QPSK	1	74	22.83	23.04	22.68		
15	QPSK	36	0	21.91	22.17	21.80	23	1
15	QPSK	36	20	22.06	22.08	21.89		
15	QPSK	36	39	21.99	22.04	21.88		
15	QPSK	75	0	21.94	22.19	21.99		
15	16QAM	1	0	22.11	22.01	21.95	23	1
15	16QAM	1	37	22.03	21.96	21.90		
15	16QAM	1	74	22.02	21.97	21.91		
15	16QAM	36	0	21.11	20.97	20.80	22	2
15	16QAM	36	20	20.98	21.18	20.80		
15	16QAM	36	39	21.02	21.11	20.95		
15	16QAM	75	0	20.87	21.07	20.87		
15	64QAM	1	0	20.87	21.14	20.78	22	2
15	64QAM	1	37	20.92	21.02	20.79		
15	64QAM	1	74	21.01	21.11	20.75		
15	64QAM	36	0	20.01	20.03	19.91	21	3
15	64QAM	36	20	19.92	20.00	19.88		
15	64QAM	36	39	19.87	19.99	19.87		
15	64QAM	75	0	19.74	19.97	20.09		
15	256QAM	1	0	18.33	18.20	17.97	19	5
15	256QAM	1	37	17.96	18.16	18.06		
15	256QAM	1	74	18.11	18.08	17.84		
15	256QAM	36	0	18.17	18.21	18.12	19	5
15	256QAM	36	20	18.04	18.20	17.96		
15	256QAM	36	39	18.28	18.06	18.06		
15	256QAM	75	0	18.03	18.19	17.93		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.97	23.03	22.91	24	0
10	QPSK	1	25	22.92	22.96	22.72		
10	QPSK	1	49	22.86	23.09	22.63		
10	QPSK	25	0	21.94	22.11	21.84	23	1
10	QPSK	25	12	22.11	22.04	21.89		
10	QPSK	25	25	21.99	22.04	21.94		
10	QPSK	50	0	21.90	22.16	21.96		
10	16QAM	1	0	22.06	22.06	22.00	23	1
10	16QAM	1	25	21.96	21.91	21.84		
10	16QAM	1	49	22.01	21.86	21.94		
10	16QAM	25	0	21.13	21.00	20.80	22	2
10	16QAM	25	12	21.05	21.23	20.82		
10	16QAM	25	25	21.01	21.08	20.92		
10	16QAM	50	0	20.89	20.99	20.87		
10	64QAM	1	0	20.80	21.15	20.83	22	2
10	64QAM	1	25	20.97	21.06	20.80		
10	64QAM	1	49	21.01	21.04	20.77		
10	64QAM	25	0	20.09	20.00	19.94	21	3
10	64QAM	25	12	19.96	20.01	20.00		
10	64QAM	25	25	19.90	20.01	19.91		
10	64QAM	50	0	19.74	19.96	20.11		
10	256QAM	1	0	18.32	18.30	17.97	19	5
10	256QAM	1	25	18.02	18.21	18.07		
10	256QAM	1	49	18.02	18.08	17.92		
10	256QAM	25	0	18.10	18.24	18.06	19	5
10	256QAM	25	12	18.00	18.15	18.06		
10	256QAM	25	25	18.23	18.15	17.94		
10	256QAM	50	0	18.02	18.18	17.87		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.94	23.14	22.89	24	0
5	QPSK	1	12	22.88	22.99	22.73		
5	QPSK	1	24	22.89	23.09	22.68		
5	QPSK	12	0	21.93	22.16	21.81	23	1
5	QPSK	12	7	22.07	22.03	21.82		
5	QPSK	12	13	21.93	22.10	21.88		
5	QPSK	25	0	21.91	22.16	21.92		
5	16QAM	1	0	22.08	22.06	22.02	23	1
5	16QAM	1	12	22.01	21.95	21.82		
5	16QAM	1	24	22.00	21.93	21.92		
5	16QAM	12	0	21.12	20.97	20.86	22	2
5	16QAM	12	7	20.95	21.19	20.80		
5	16QAM	12	13	20.91	21.08	20.95		
5	16QAM	25	0	20.94	21.09	20.80		
5	64QAM	1	0	20.80	21.17	20.83	22	2
5	64QAM	1	12	20.95	21.07	20.87		
5	64QAM	1	24	21.01	21.12	20.74		
5	64QAM	12	0	20.05	20.08	19.98	21	3
5	64QAM	12	7	19.97	20.00	19.93		
5	64QAM	12	13	19.82	20.02	19.90		
5	64QAM	25	0	19.76	19.90	20.03		
5	256QAM	1	0	18.25	18.31	17.90	19	5
5	256QAM	1	12	18.01	18.21	18.08		
5	256QAM	1	24	18.07	18.16	17.89		
5	256QAM	12	0	18.15	18.16	18.04	19	5
5	256QAM	12	7	18.05	18.24	17.97		
5	256QAM	12	13	18.21	18.22	17.97		
5	256QAM	25	0	18.04	18.22	17.93		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.02	23.05	22.87	24	0
3	QPSK	1	8	22.88	22.94	22.70		
3	QPSK	1	14	22.93	23.03	22.61		
3	QPSK	8	0	21.86	22.13	21.83	23	1
3	QPSK	8	4	22.10	22.02	21.82		
3	QPSK	8	7	21.97	22.08	21.91		
3	QPSK	15	0	21.85	22.12	21.97		
3	16QAM	1	0	22.12	22.03	22.01	23	1
3	16QAM	1	8	22.05	21.96	21.86		
3	16QAM	1	14	22.03	21.86	21.83		
3	16QAM	8	0	21.15	21.00	20.79	22	2
3	16QAM	8	4	21.04	21.25	20.81		
3	16QAM	8	7	21.02	21.17	20.90		
3	16QAM	15	0	20.87	20.99	20.80		
3	64QAM	1	0	20.85	21.11	20.85	22	2
3	64QAM	1	8	21.00	21.00	20.82		
3	64QAM	1	14	21.04	21.05	20.80		
3	64QAM	8	0	20.01	20.09	19.98	21	3
3	64QAM	8	4	19.92	19.94	20.02		
3	64QAM	8	7	19.89	19.97	19.87		
3	64QAM	15	0	19.76	19.91	20.08		
3	256QAM	1	0	18.31	18.29	17.92	19	5
3	256QAM	1	8	17.94	18.24	18.18		
3	256QAM	1	14	18.11	18.07	17.88		
3	256QAM	8	0	18.19	18.20	18.08	19	5
3	256QAM	8	4	18.07	18.26	18.03		
3	256QAM	8	7	18.22	18.14	18.02		
3	256QAM	15	0	18.06	18.21	17.89		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.81	23.00	23.06	24	0
1.4	QPSK	1	3	23.03	23.02	23.03		
1.4	QPSK	1	5	22.96	22.94	22.95		
1.4	QPSK	3	0	23.01	22.94	22.93		
1.4	QPSK	3	1	22.98	22.87	22.89		
1.4	QPSK	3	3	22.85	23.05	22.98		
1.4	QPSK	6	0	21.95	22.14	22.00	23	1
1.4	16QAM	1	0	22.00	21.97	21.75	23	1
1.4	16QAM	1	3	21.98	21.88	21.82		
1.4	16QAM	1	5	21.96	22.22	21.93		
1.4	16QAM	3	0	21.89	21.87	21.87		
1.4	16QAM	3	1	21.63	21.93	21.71		
1.4	16QAM	3	3	22.10	22.01	22.09		
1.4	16QAM	6	0	21.09	20.97	20.90	22	2
1.4	64QAM	1	0	20.88	21.13	20.82	22	2
1.4	64QAM	1	3	20.98	21.00	20.88		
1.4	64QAM	1	5	21.00	21.08	20.78		
1.4	64QAM	3	0	21.04	21.07	21.04		
1.4	64QAM	3	1	21.15	20.95	21.11		
1.4	64QAM	3	3	21.06	21.28	21.09		
1.4	64QAM	6	0	20.09	20.15	19.90	21	3
1.4	256QAM	1	0	18.08	18.19	18.05	19	5
1.4	256QAM	1	3	17.82	18.10	18.16		
1.4	256QAM	1	5	17.98	18.09	17.98		
1.4	256QAM	3	0	18.30	18.28	18.26		
1.4	256QAM	3	1	17.98	18.27	18.16		
1.4	256QAM	3	3	18.11	18.30	18.02		
1.4	256QAM	6	0	18.05	18.11	17.84	19	5

Band 25 Ant 4 Default sig path: 457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.95	23.09	22.85	24	0
20	QPSK	1	49	22.92	22.89	22.68		
20	QPSK	1	99	22.76	23.00	22.69		
20	QPSK	50	0	21.92	22.18	21.76	23	1
20	QPSK	50	24	21.98	22.05	21.78		
20	QPSK	50	50	22.06	22.08	21.93		
20	QPSK	100	0	21.97	22.06	21.88		
20	16QAM	1	0	22.02	21.92	21.99	23	1
20	16QAM	1	49	21.98	22.08	21.80		
20	16QAM	1	99	22.02	21.88	21.97		
20	16QAM	50	0	20.99	21.04	20.78	22	2
20	16QAM	50	24	20.92	21.21	20.80		
20	16QAM	50	50	20.91	21.20	20.94		
20	16QAM	100	0	20.87	21.04	20.77		
20	64QAM	1	0	20.92	21.24	20.93	22	2
20	64QAM	1	49	20.96	20.99	20.87		
20	64QAM	1	99	21.08	21.09	20.76		
20	64QAM	50	0	19.92	20.17	19.80	21	3
20	64QAM	50	24	19.87	19.98	19.99		
20	64QAM	50	50	19.87	20.05	19.86		
20	64QAM	100	0	19.72	19.97	19.97		
20	256QAM	1	0	18.25	18.18	17.89	19	5
20	256QAM	1	49	17.92	18.15	18.13		
20	256QAM	1	99	18.03	18.16	17.83		
20	256QAM	50	0	18.01	18.15	18.18	19	5
20	256QAM	50	24	18.03	18.28	17.98		
20	256QAM	50	50	18.20	18.19	17.94		
20	256QAM	100	0	17.86	18.11	17.86		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.88	23.04	22.75	24	0
15	QPSK	1	37	22.76	22.92	22.55		
15	QPSK	1	74	22.61	22.87	22.64		
15	QPSK	36	0	21.77	22.12	21.67	23	1
15	QPSK	36	20	21.88	21.90	21.66		
15	QPSK	36	39	21.93	21.93	21.86		
15	QPSK	75	0	21.83	22.01	21.83		
15	16QAM	1	0	21.92	21.85	21.91	23	1
15	16QAM	1	37	21.91	21.94	21.66		
15	16QAM	1	74	21.96	21.81	21.89		
15	16QAM	36	0	20.92	20.88	20.70	22	2
15	16QAM	36	20	20.78	21.15	20.73		
15	16QAM	36	39	20.79	21.08	20.84		
15	16QAM	75	0	20.74	20.88	20.62		
15	64QAM	1	0	20.81	21.16	20.81	22	2
15	64QAM	1	37	20.91	20.90	20.75		
15	64QAM	1	74	21.00	20.98	20.70		
15	64QAM	36	0	19.85	20.02	19.67	21	3
15	64QAM	36	20	19.82	19.86	19.89		
15	64QAM	36	39	19.75	20.00	19.72		
15	64QAM	75	0	19.63	19.92	19.89		
15	256QAM	1	0	18.20	18.12	17.75	19	5
15	256QAM	1	37	17.93	18.08	18.01		
15	256QAM	1	74	17.93	18.05	17.75		
15	256QAM	36	0	17.88	18.10	18.04	19	5
15	256QAM	36	20	17.98	18.17	17.93		
15	256QAM	36	39	18.24	18.04	17.84		
15	256QAM	75	0	17.76	18.07	17.74		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.88	23.00	22.74	24	0
10	QPSK	1	25	22.84	22.74	22.59		
10	QPSK	1	49	22.69	22.87	22.57		
10	QPSK	25	0	21.84	22.10	21.70	23	1
10	QPSK	25	12	21.90	21.92	21.68		
10	QPSK	25	25	21.92	21.94	21.85		
10	QPSK	50	0	21.85	22.00	21.84		
10	16QAM	1	0	21.97	21.78	21.86	23	1
10	16QAM	1	25	21.83	21.94	21.66		
10	16QAM	1	49	21.94	21.83	21.90		
10	16QAM	25	0	20.86	20.97	20.66	22	2
10	16QAM	25	12	20.87	21.07	20.74		
10	16QAM	25	25	20.76	21.12	20.83		
10	16QAM	50	0	20.83	21.00	20.66		
10	64QAM	1	0	20.78	21.13	20.78	22	2
10	64QAM	1	25	20

Band 66 Ant 4 Default sig path: 70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.21	23.30	23.19	24	0
20	QPSK	1	49	23.07	23.17	22.92		
20	QPSK	1	99	23.05	23.23	22.97		
20	QPSK	50	0	22.12	22.31	21.95	23	1
20	QPSK	50	24	22.24	22.17	22.04		
20	QPSK	50	50	22.18	22.25	22.07		
20	QPSK	100	0	22.12	22.24	22.12		
20	16QAM	1	0	22.24	22.25	22.14	23	1
20	16QAM	1	49	22.25	22.23	21.99		
20	16QAM	1	99	22.24	22.14	22.08		
20	16QAM	50	0	21.27	21.20	21.02	22	2
20	16QAM	50	24	21.12	21.37	21.14		
20	16QAM	50	50	21.09	21.31	21.19		
20	16QAM	100	0	21.06	21.29	20.96		
20	64QAM	1	0	21.07	21.31	21.03	22	2
20	64QAM	1	49	21.19	21.26	21.07		
20	64QAM	1	99	21.23	21.22	20.95		
20	64QAM	50	0	20.15	20.33	20.00	21	3
20	64QAM	50	24	20.15	20.22	20.17		
20	64QAM	50	50	20.08	20.23	20.10		
20	64QAM	100	0	20.00	20.15	20.19		
20	256QAM	1	0	18.39	18.46	18.18	19	5
20	256QAM	1	49	18.11	18.38	18.40		
20	256QAM	1	99	18.30	18.33	17.98		
20	256QAM	50	0	18.40	18.39	18.39	19	5
20	256QAM	50	24	18.29	18.35	18.19		
20	256QAM	50	50	18.40	18.38	18.28		
20	256QAM	100	0	18.15	18.32	18.01		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.14	23.22	23.10	24	0
15	QPSK	1	37	23.02	23.03	22.83		
15	QPSK	1	74	22.96	23.11	22.89		
15	QPSK	36	0	22.03	22.21	21.90	23	1
15	QPSK	36	20	22.09	22.07	21.95		
15	QPSK	36	39	22.14	22.12	21.96		
15	QPSK	75	0	22.05	22.15	22.02		
15	16QAM	1	0	22.16	22.17	22.09	23	1
15	16QAM	1	37	22.14	22.14	21.86		
15	16QAM	1	74	22.11	22.04	22.00		
15	16QAM	36	0	21.21	21.12	20.88	22	2
15	16QAM	36	20	20.98	21.32	21.09		
15	16QAM	36	39	21.00	21.17	21.04		
15	16QAM	75	0	21.02	21.20	20.92		
15	64QAM	1	0	20.95	21.23	20.97	22	2
15	64QAM	1	37	21.07	21.12	20.95		
15	64QAM	1	74	21.09	21.13	20.83		
15	64QAM	36	0	20.08	20.25	19.86	21	3
15	64QAM	36	20	20.02	20.16	20.13		
15	64QAM	36	39	19.95	20.09	19.96		
15	64QAM	75	0	19.90	20.09	20.03		
15	256QAM	1	0	18.34	18.31	18.04	19	5
15	256QAM	1	37	17.99	18.33	18.34		
15	256QAM	1	74	18.23	18.17	17.91		
15	256QAM	36	0	18.28	18.26	18.31	19	5
15	256QAM	36	20	18.23	18.20	18.14		
15	256QAM	36	39	18.32	18.22	18.22		
15	256QAM	75	0	18.01	18.18	17.87		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.06	23.25	23.03	24	0
10	QPSK	1	25	22.95	23.03	22.77		
10	QPSK	1	49	22.92	23.10	22.88		
10	QPSK	25	0	22.05	22.26	21.90	23	1
10	QPSK	25	12	22.09	22.06	21.89		
10	QPSK	25	25	22.11	22.12	21.97		
10	QPSK	50	0	22.00	22.10	21.98		
10	16QAM	1	0	22.09	22.17	21.99	23	1
10	16QAM	1	25	22.19	22.12	21.93		
10	16QAM	1	49	22.14	22.10	21.97		
10	16QAM	25	0	21.16	21.08	20.94	22	2
10	16QAM	25	12	21.03	21.26	21.06		
10	16QAM	25	25	21.05	21.21	21.08		
10	16QAM	50	0	20.95	21.24	20.91		
10	64QAM	1	0	21.03	21.25	20.88	22	2
10	64QAM	1	25	21.08	21.10	20.96		
10	64QAM	1	49	21.10	21.11	20.81		
10	64QAM	25	0	20.04	20.23	19.90	21	3
10	64QAM	25	12	20.09	20.16	20.07		
10	64QAM	25	25	19.93	20.16	20.04		
10	64QAM	50	0	19.94	20.06	20.14		
10	256QAM	1	0	18.35	18.34	18.03	19	5
10	256QAM	1	25	18.03	18.22	18.28		
10	256QAM	1	49	18.18	18.21	17.94		
10	256QAM	25	0	18.25	18.24	18.23	19	5
10	256QAM	25	12	18.20	18.21	18.03		
10	256QAM	25	25	18.35	18.25	18.19		
10	256QAM	50	0	18.02	18.23	17.94		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.10	23.20	23.09	24	0
5	QPSK	1	12	23.02	23.11	22.76		
5	QPSK	1	24	22.97	23.11	22.90		
5	QPSK	12	0	22.06	22.26	21.85	23	1
5	QPSK	12	7	22.10	22.05	21.93		
5	QPSK	12	13	22.07	22.18	21.93		
5	QPSK	25	0	22.02	22.18	21.96		
5	16QAM	1	0	22.12	22.18	22.02	23	1
5	16QAM	1	12	22.17	22.19	21.88		
5	16QAM	1	24	22.10	22.08	21.99		
5	16QAM	12	0	21.16	21.14	20.87	22	2
5	16QAM	12	7	20.97	21.26	21.09		
5	16QAM	12	13	20.97	21.24	21.13		
5	16QAM	25	0	20.98	21.21	20.87		
5	64QAM	1	0	20.92	21.20	20.95	22	2
5	64QAM	1	12	21.07	21.15	20.96		
5	64QAM	1	24	21.10	21.16	20.84		
5	64QAM	12	0	20.04	20.20	19.91	21	3
5	64QAM	12	7	20.08	20.12	20.07		
5	64QAM	12	13	19.94	20.13	20.00		
5	64QAM	25	0	19.94	20.08	20.05		
5	256QAM	1	0	18.30	18.36	18.08	19	5
5	256QAM	1	12	17.96	18.28	18.35		
5	256QAM	1	24	18.15	18.17	17.92		
5	256QAM	12	0	18.35	18.28	18.28	19	5
5	256QAM	12	7	18.15	18.29	18.15		
5	256QAM	12	13	18.29	18.23	18.23		
5	256QAM	25	0	18.04	18.16	17.89		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.10	23.19	23.06	24	0
3	QPSK	1	8	22.94	23.06	22.86		
3	QPSK	1	14	22.97	23.17	22.88		
3	QPSK	8	0	21.98	22.26	21.91	23	1
3	QPSK	8	4	22.19	22.08	21.93		
3	QPSK	8	7	22.04	22.09	21.98		
3	QPSK	15	0	22.06	22.14	22.03		
3	16QAM	1	0	22.08	22.12	22.02	23	1
3	16QAM	1	8	22.16	22.08	21.93		
3	16QAM	1	14	22.13	22.04	21.98		
3	16QAM	8	0	21.15	21.13	20.97	22	2
3	16QAM	8	4	21.02	21.24	21.06		
3	16QAM	8	7	21.01	21.16	21.10		
3	16QAM	15	0	21.01	21.19	20.80		
3	64QAM	1	0	20.97	21.19	20.87	22	2
3	64QAM	1	8	21.05	21.13	20.92		
3	64QAM	1	14	21.17	21.10	20.85		
3	64QAM	8	0	20.01	20.27	19.94	21	3
3	64QAM	8	4	20.10	20.13	20.01		
3	64QAM	8	7	19.96	20.15	19.99		
3	64QAM	15	0	19.87	20.03	20.14		
3	256QAM	1	0	18.33	18.34	18.08	19	5
3	256QAM	1	8	17.96	18.31	18.30		
3	256QAM	1	14	18.21	18.22	17.92		
3	256QAM	8	0	18.34	18.25	18.31	19	5
3	256QAM	8	4	18.14	18.31	18.04		
3	256QAM	8	7	18.30	18.31	18.12		
3	256QAM	15	0	18.10	18.27	17.87		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.09	23.20	23.09	24	0
1.4	QPSK	1	3	23.03	23.05	22.82		
1.4	QPSK	1	5	22.93	23.16	22.88		
1.4	QPSK	3	0	23.06	23.18	23.06		
1.4	QPSK	3	1	22.97	23.06	22.82		
1.4	QPSK	3	3	22.96	23.09	22.81		
1.4	QPSK	6	0	22.00	22.16	21.82	23	1
1.4	16QAM	1	0	22.16	22.03	21.94	23	1
1.4	16QAM	1	3	22.04	22.14	21.98		
1.4	16QAM	1	5	21.99	22.17	22.03		
1.4	16QAM	3	0	22.17	22.18	22.04		
1.4	16QAM	3	1	22.10	22.14	21.83		
1.4	16QAM	3	3	22.10	22.08	21.99		
1.4	16QAM	6	0	21.22	21.13	20.97	22	2
1.4	64QAM	1	0	20.97	21.33	21.06	22	2
1.4	64QAM	1	3	21.03	21.17	21.13		
1.4	64QAM	1	5	20.91	21.23	20.83		
1.4	64QAM	3	0	21.03	21.24	20.91		
1.4	64QAM	3	1	21.08	21.19	21.02		
1.4	64QAM	3	3	21.10	21.12	20.80		
1.4	64QAM	6	0	20.21	20.26	19.89	21	3
1.4	256QAM	1	0	18.25	18.34	18.04	19	5
1.4	256QAM	1	3	18.03	18.28	18.34		
1.4	256QAM	1	5	18.21	18.19	17.90		
1.4	256QAM	3	0	18.24	18.33	18.32		
1.4	256QAM	3	1	18.18	18.20	18.08		
1.4	256QAM	3	3	18.34	18.33	18.22		
1.4	256QAM	6	0	18.10	18.20	17.95	19	5

Band 66 Ant 4 Default sig path: 453

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.16	23.28	22.99	24	0
20	QPSK	1	49	23.04	23.09	22.89		
20	QPSK	1	99	23.02	23.12	22.96		
20	QPSK	50	0	22.02	22.29	21.86	23	1
20	QPSK	50	24	22.16	22.15	21.98		
20	QPSK	50	50	22.17	22.17	22.04		
20	QPSK	100	0	22.08	22.14	22.08		
20	16QAM	1	0	22.15	22.15	22.15	23	1
20	16QAM	1	49	22.15	22.14	21.95		
20	16QAM	1	99	22.16	22.12	22.04		
20	16QAM	50	0	21.24	21.21	20.97	22	2
20	16QAM	50	24	21.03	21.26	21.08		
20	16QAM	50	50	21.05	21.28	21.19		
20	16QAM	100	0	21.02	21.26	20.91		
20	64QAM	1	0	20.98	21.22	20.99	22	2
20	64QAM	1	49	21.17	21.15	20.99		
20	64QAM	1	99	21.20	21.17	20.96		
20	64QAM	50	0	20.13	20.33	19.93	21	3
20	64QAM	50	24	20.15	20.21	20.16		
20	64QAM	50	50	20.08	20.24	20.10		
20	64QAM	100	0	19.98	20.06	20.16		
20	256QAM	1	0	18.33	18.41	18.10	19	5
20	256QAM	1	49	18.04	18.35	18.37		
20	256QAM	1	99	18.30	18.30	17.91		
20	256QAM	50	0	18.32	18.38	18.28	19	5
20	256QAM	50	24	18.26	18.28	18.16		
20	256QAM	50	50	18.34	18.36	18.21		
20	256QAM	100	0	18.09	18.31	18.01		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.10	23.18	22.93	24	0
15	QPSK	1	37	22.91	23.00	22.75		
15	QPSK	1	74	22.93	22.98	22.81		
15	QPSK	36	0	21.89	22.19	21.82	23	1
15	QPSK	36	20	22.02	22.08	21.90		
15	QPSK	36	39	22.12	22.03	21.93		
15	QPSK	75	0	22.00	22.09	22.01		
15	16QAM	1	0	22.01	22.04	22.10	23	1
15	16QAM	1	37	22.04	22.03	21.79		
15	16QAM	1	74	22.08	22.03	21.98		
15	16QAM	36	0	21.11	21.08	20.85	22	2
15	16QAM	36	20	20.89	21.17	21.02		
15	16QAM	36	39	20.93	21.21	21.12		
15	16QAM	75	0	20.93	21.16	20.77		
15	64QAM	1	0	20.87	21.13	20.93	22	2
15	64QAM	1	37	21.06	21.01	20.94		
15	64QAM	1	74	21.10	21.12	20.84		
15	64QAM	36	0	20.05	20.20	19.86	21	3
15	64QAM	36	20	20.02	20.10	20.05		
15	64QAM	36	39	19.95	20.16	20.01		
15	64QAM	75	0	19.92	19.96	20.11		
15	256QAM	1	0	18.20	18.32	18.03	19	5
15	256QAM	1	37	17.95	18.22	18.22		
15	256QAM	1	74	18.25	18.25	17.87		
15	256QAM	36	0	18.24	18.30	18.15	19	5
15	256QAM	36	20	18.12	18.18	18.03		
15	256QAM	36	39	18.19	18.25	18.10		
15	256QAM	75	0	17.98	18.22	17.89		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.12	23.13	22.89	24	0
10	QPSK	1	25	22.96	22.93	22.84		
10	QPSK	1	49	22.88	22.96	22.84		
10	QPSK	25	0	21.88	22.14	21.73	23	1
10	QPSK	25	12	22.07	22.07	21.87		
10	QPSK	25	25	22.05	22.09	21.94		
10	QPSK	50	0	21.99	22.02	22.01		
10	16QAM	1	0	22.08	22.01	22.03	23	1
10	16QAM	1	25	22.08	22.03	21.82		
10	16QAM	1	49	22.03	21.97	21.91		
10	16QAM	25	0	21.11	21.11	20.93	22	2
10	16QAM	25	12	20.95	21.15	20.93		
10	16QAM	25	25	20.92	21.13	21.07		
10	16QAM	50	0	20.87	21.14	20.82		
10	64QAM	1	0	20.88	21.17	20.91	22	2
10	64QAM	1	25	21.13	21.03	20.88		
10	64QAM	1	49	21.08	21.08	20.81		
10	64QAM	25	0	20.00	20.21	19.87	21	3
10	64QAM	25	12	20.09	20.12	20.05		
10	64QAM	25	25	20.03	20.20	19.98		
10	64QAM	50	0	19.91	19.96	20.03	19	5
10	256QAM	1	0	18.25	18.35	17.94		
10	256QAM	1	25	17.91	18.23	18.25		
10	256QAM	1	49	18.22	18.19	17.90		
10	256QAM	25	0	18.18	18.32	18.21	19	5
10	256QAM	25	12	18.17	18.23	18.12		
10	256QAM	25	25	18.18	18.24	18.09		
10	256QAM	50	0	17.96	18.20	17.94		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.03	23.21	22.92	24	0
5	QPSK	1	12	22.98	23.02	22.81		
5	QPSK	1	24	22.89	23.06	22.83		
5	QPSK	12	0	21.89	22.24	21.75	23	1
5	QPSK	12	7	22.03	22.09	21.85		
5	QPSK	12	13	22.03	22.11	21.99		
5	QPSK	25	0	21.96	22.06	21.99		
5	16QAM	1	0	22.01	22.06	22.00	23	1
5	16QAM	1	12	22.06	21.99	21.83		
5	16QAM	1	24	22.11	22.08	21.97		
5	16QAM	12	0	21.18	21.06	20.85	22	2
5	16QAM	12	7	20.90	21.19	21.00		
5	16QAM	12	13	20.99	21.18	21.08		
5	16QAM	25	0	20.96	21.10	20.77		
5	64QAM	1	0	20.87	21.14	20.91	22	2
5	64QAM	1	12	21.11	20.99	20.85		
5	64QAM	1	24	21.06	21.05	20.84		
5	64QAM	12	0	20.05	20.20	19.88	21	3
5	64QAM	12	7	20.10	20.10	20.03		
5	64QAM	12	13	20.01	20.10	19.97		
5	64QAM	25	0	19.90	19.96	20.11		
5	256QAM	1	0	18.25	18.27	18.05	19	5
5	256QAM	1	12	17.95	18.27	18.25		
5	256QAM	1	24	18.20	18.18	17.79		
5	256QAM	12	0	18.22	18.26	18.16	19	5
5	256QAM	12	7	18.21	18.18	18.01		
5	256QAM	12	13	18.20	18.26	18.11		
5	256QAM	25	0	17.93	18.19	17.94		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.00	23.19	22.87	24	0
3	QPSK	1	8	22.99	23.03	22.77		
3	QPSK	1	14	22.93	22.99	22.81		
3	QPSK	8	0	21.91	22.22	21.77	23	1
3	QPSK	8	4	22.04	22.11	21.84		
3	QPSK	8	7	22.10	22.06	21.94		
3	QPSK	15	0	22.03	22.06	22.00		
3	16QAM	1	0	22.00	22.09	22.02	23	1
3	16QAM	1	8	22.04	22.00	21.89		
3	16QAM	1	14	22.11	22.02	21.88		
3	16QAM	8	0	21.08	21.16	20.89	22	2
3	16QAM	8	4	20.92	21.12	21.02		
3	16QAM	8	7	20.97	21.17	21.08		
3	16QAM	15	0	20.95	21.15	20.84		
3	64QAM	1	0	20.84	21.16	20.83	22	2
3	64QAM	1	8	21.04	21.11	20.90		
3	64QAM	1	14	21.16	21.03	20.85		
3	64QAM	8	0	20.04	20.18	19.89	21	3
3	64QAM	8	4	20.02	20.09	20.04		
3	64QAM	8	7	19.93	20.18	20.06		
3	64QAM	15	0	19.92	19.99	20.05		
3	256QAM	1	0	18.23	18.36	18.02	19	5
3	256QAM	1	8	17.95	18.20	18.22		
3	256QAM	1	14	18.15	18.15	17.93		
3	256QAM	8	0	18.26	18.23	18.19	19	5
3	256QAM	8	4	18.19	18.13	18.04		
3	256QAM	8	7	18.22	18.25	18.11		
3	256QAM	15	0	18.01	18.24	17.86		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.01	23.05	23.00	24	0
1.4	QPSK	1	3	22.98	23.00	22.75		
1.4	QPSK	1	5	22.87	23.04	22.73		
1.4	QPSK	3	0	22.91	23.04	22.95		
1.4	QPSK	3	1	22.84	23.01	22.77		
1.4	QPSK	3	3	22.86	23.00	22.73		
1.4	QPSK	6	0	21.86	22.06	21.67	23	1
1.4	16QAM	1	0	22.01	21.91	21.86	23	1
1.4	16QAM	1	3	22.00	22.05	21.92		
1.4	16QAM	1	5	21.92	22.11	21.97		
1.4	16QAM	3	0	22.02	22.13	21.90		
1.4	16QAM	3	1	22.00	22.04	21.79		
1.4	16QAM	3	3	22.03	21.93	21.93		
1.4	16QAM	6	0	21.11	21.07	20.86	22	2
1.4	64QAM	1	0	20.91	21.24	20.93	22	2
1.4	64QAM	1	3	20.97	21.05	21.04		
1.4	64QAM	1	5	20.80	21.13	20.76		
1.4	64QAM	3	0	20.94	21.18	20.75		
1.4	64QAM	3	1	21.03	21.05	20.94		
1.4	64QAM	3	3	20.98	20.99	20.72		
1.4	64QAM	6	0	20.06	20.18	19.83	21	3
1.4	256QAM	1	0	18.14	18.24	17.99	19	5
1.4	256QAM	1	3	17.98	18.20	18.27		
1.4	256QAM	1	5	18.10	18.06	17.81		
1.4	256QAM	3	0	18.14	18.22	18.23		
1.4	256QAM	3	1	18.04	18.12	18.01		
1.4	256QAM	3	3	18.27	18.27	18.12		
1.4	256QAM	6	0	18.05	18.12	17.83	19	5

Reduced Power Mode for Other PA DSI2 Standalone

Band 2 Ant 0 DSI2 sig path: 44

BW [MHz]	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	21.45	21.53	21.16	22.5	0
20	QPSK	1	49	21.34	21.48	21.13		
20	QPSK	1	99	21.47	21.44	21.10		
20	QPSK	50	0	20.43	20.51	20.07	21.5	1
20	QPSK	50	24	20.44	20.42	20.16		
20	QPSK	50	50	20.38	20.37	20.05		
20	QPSK	100	0	20.43	20.47	20.06		
20	16QAM	1	0	20.47	20.56	20.12	21.5	1
20	16QAM	1	49	20.46	20.46	20.07		
20	16QAM	1	99	20.54	20.48	20.11		
20	16QAM	50	0	19.53	19.54	19.18	20.5	2
20	16QAM	50	24	19.48	19.50	19.17		
20	16QAM	50	50	19.38	19.59	19.28		
20	16QAM	100	0	19.40	19.49	19.08		
20	64QAM	1	0	19.43	19.55	19.26	19.5	3
20	64QAM	1	49	19.52	19.42	19.21		
20	64QAM	1	99	19.44	19.59	19.18		
20	64QAM	50	0	18.58	18.52	18.13		
20	64QAM	50	24	18.58	18.49	18.19		
20	64QAM	50	50	18.42	18.58	18.17		
20	64QAM	100	0	18.45	18.52	18.15		
20	256QAM	1	0	16.68	16.69	16.26	17.5	5
20	256QAM	1	49	16.48	16.65	16.40		
20	256QAM	1	99	16.54	16.64	16.20		
20	256QAM	50	0	16.75	16.72	16.52		
20	256QAM	50	24	16.55	16.67	16.27		
20	256QAM	50	50	16.63	16.70	16.31		
20	256QAM	100	0	16.52	16.69	16.20		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.48	21.49	21.18	22.5	0
15	QPSK	1	37	21.27	21.49	21.11		
15	QPSK	1	74	21.42	21.44	21.03		
15	QPSK	36	0	20.38	20.45	19.99	21.5	1
15	QPSK	36	20	20.41	20.45	20.21		
15	QPSK	36	39	20.38	20.36	20.03		
15	QPSK	75	0	20.42	20.39	20.08		
15	16QAM	1	0	20.45	20.58	20.11	21.5	1
15	16QAM	1	37	20.50	20.46	20.15		
15	16QAM	1	74	20.55	20.43	20.14		
15	16QAM	36	0	19.53	19.54	19.12	20.5	2
15	16QAM	36	20	19.50	19.49	19.21		
15	16QAM	36	39	19.35	19.56	19.26		
15	16QAM	75	0	19.33	19.52	19.05		
15	64QAM	1	0	19.35	19.49	19.22	20.5	2
15	64QAM	1	37	19.56	19.38	19.13		
15	64QAM	1	74	19.47	19.52	19.12		
15	64QAM	36	0	18.51	18.50	18.11	19.5	3
15	64QAM	36	20	18.58	18.45	18.20		
15	64QAM	36	39	18.45	18.57	18.19		
15	64QAM	75	0	18.41	18.51	18.14		
15	256QAM	1	0	16.68	16.67	16.30	17.5	5
15	256QAM	1	37	16.50	16.65	16.38		
15	256QAM	1	74	16.53	16.74	16.20		
15	256QAM	36	0	16.74	16.72	16.48		
15	256QAM	36	20	16.55	16.69	16.31		
15	256QAM	36	39	16.65	16.72	16.30		
15	256QAM	75	0	16.48	16.64	16.21		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.44	21.46	21.13	22.5	0
10	QPSK	1	25	21.31	21.47	21.11		
10	QPSK	1	49	21.44	21.44	21.02		
10	QPSK	25	0	20.41	20.52	20.10	21.5	1
10	QPSK	25	12	20.44	20.38	20.16		
10	QPSK	25	25	20.37	20.34	20.05		
10	QPSK	50	0	20.37	20.50	20.07		
10	16QAM	1	0	20.39	20.51	20.13	21.5	1
10	16QAM	1	25	20.40	20.40	20.09		
10	16QAM	1	49	20.54	20.48	20.07		
10	16QAM	25	0	19.55	19.53	19.14	20.5	2
10	16QAM	25	12	19.48	19.46	19.15		
10	16QAM	25	25	19.33	19.54	19.24		
10	16QAM	50	0	19.34	19.48	19.02		
10	64QAM	1	0	19.42	19.52	19.25	20.5	2
10	64QAM	1	25	19.51	19.42	19.21		
10	64QAM	1	49	19.36	19.60	19.14		
10	64QAM	25	0	18.46	18.48	18.19	19.5	3
10	64QAM	25	12	18.53	18.48	18.16		
10	64QAM	25	25	18.36	18.53	18.11		
10	64QAM	50	0	18.43	18.47	18.12		
10	256QAM	1	0	16.65	16.71	16.26	17.5	5
10	256QAM	1	25	16.51	16.58	16.43		
10	256QAM	1	49	16.57	16.64	16.25		
10	256QAM	25	0	16.78	16.66	16.55		
10	256QAM	25	12	16.59	16.60	16.34		
10	256QAM	25	25	16.65	16.65	16.33		
10	256QAM	50	0	16.45	16.67	16.23		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.46	21.49	21.09	22.5	0
5	QPSK	1	12	21.29	21.46	21.11		
5	QPSK	1	24	21.46	21.39	21.07		
5	QPSK	12	0	20.38	20.53	20.12	21.5	1
5	QPSK	12	7	20.42	20.44	20.18		
5	QPSK	12	13	20.32	20.35	20.07		
5	QPSK	25	0	20.41	20.42	20.05		
5	16QAM	1	0	20.45	20.51	20.09	21.5	1
5	16QAM	1	12	20.41	20.46	20.04		
5	16QAM	1	24	20.54	20.51	20.09		
5	16QAM	12	0	19.54	19.57	19.20	20.5	2
5	16QAM	12	7	19.41	19.45	19.21		
5	16QAM	12	13	19.33	19.51	19.25		
5	16QAM	25	0	19.43	19.42	19.10		
5	64QAM	1	0	19.40	19.53	19.21	20.5	2
5	64QAM	1	12	19.56	19.38	19.21		
5	64QAM	1	24	19.47	19.56	19.13		
5	64QAM	12	0	18.51	18.55	18.17	19.5	3
5	64QAM	12	7	18.61	18.50	18.11		
5	64QAM	12	13	18.39	18.50	18.18		
5	64QAM	25	0	18.46	18.53	18.09		
5	256QAM	1	0	16.65	16.69	16.31	17.5	5
5	256QAM	1	12	16.41	16.68	16.42		
5	256QAM	1	24	16.55	16.65	16.19		
5	256QAM	12	0	16.74	16.73	16.48		
5	256QAM	12	7	16.51	16.71	16.24		
5	256QAM	12	13	16.65	16.67	16.34		
5	256QAM	25	0	16.49	16.66	16.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.44	21.50	21.10	22.5	0
3	QPSK	1	8	21.31	21.41	21.08		
3	QPSK	1	14	21.43	21.42	21.12		
3	QPSK	8	0	20.43	20.55	20.14	21.5	1
3	QPSK	8	4	20.46	20.44	20.19		
3	QPSK	8	7	20.38	20.46	20.05		
3	QPSK	15	0	20.41	20.49	20.03		
3	16QAM	1	0	20.43	20.57	20.20	21.5	1
3	16QAM	1	8	20.47	20.43	20.15		
3	16QAM	1	14	20.57	20.45	20.09		
3	16QAM	8	0	19.46	19.56	19.15	20.5	2
3	16QAM	8	4	19.50	19.45	19.15		
3	16QAM	8	7	19.31	19.53	19.22		
3	16QAM	15	0	19.42	19.49	19.10		
3	64QAM	1	0	19.40	19.53	19.22	20.5	2
3	64QAM	1	8	19.54	19.42	19.22		
3	64QAM	1	14	19.47	19.62	19.17		
3	64QAM	8	0	18.50	18.55	18.08	19.5	3
3	64QAM	8	4	18.52	18.47	18.19		
3	64QAM	8	7	18.41	18.58	18.11		
3	64QAM	15	0	18.47	18.50	18.16		
3	256QAM	1	0	16.65	16.62	16.30	17.5	5
3	256QAM	1	8	16.52	16.67	16.38		
3	256QAM	1	14	16.56	16.62	16.17		
3	256QAM	8	0	16.77	16.72	16.45		
3	256QAM	8	4	16.49	16.59	16.31	17.5	5
3	256QAM	8	7	16.62	16.72	16.27		
3	256QAM	15	0	16.46	16.64	16.20		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.42	21.45	21.11	22.5	0
1.4	QPSK	1	3	21.34	21.40	21.15		
1.4	QPSK	1	5	21.49	21.47	21.13		
1.4	QPSK	3	0	21.39	21.40	21.20		
1.4	QPSK	3	1	21.34	21.35	21.15		
1.4	QPSK	3	3	21.29	21.34	21.02		
1.4	QPSK	6	0	20.45	20.51	20.11	21.5	1
1.4	16QAM	1	0	20.47	20.41	20.18	21.5	1
1.4	16QAM	1	3	20.31	20.35	19.98		
1.4	16QAM	1	5	20.40	20.46	20.03		
1.4	16QAM	3	0	20.47	20.52	20.07		
1.4	16QAM	3	1	20.41	20.41	20.07		
1.4	16QAM	3	3	20.49	20.41	20.04		
1.4	16QAM	6	0	19.55	19.52	19.21	20.5	2
1.4	64QAM	1	0	19.44	19.45	19.11	20.5	2
1.4	64QAM	1	3	19.33	19.53	19.22		
1.4	64QAM	1	5	19.44	19.45	19.05		
1.4	64QAM	3	0	19.40	19.58	19.24		
1.4	64QAM	3	1	19.53	19.39	19.18		
1.4	64QAM	3	3	19.45	19.60	19.19		
1.4	64QAM	6	0	18.41	18.44	18.22	19.5	3
1.4	256QAM	1	0	16.66	16.69	16.27	17.5	5
1.4	256QAM	1	3	16.42	16.61	16.33		
1.4	256QAM	1	5	16.49	16.58	16.27		
1.4	256QAM	3	0	16.69	16.69	16.54		
1.4	256QAM	3	1	16.51	16.67	16.27		
1.4	256QAM	3	3	16.64	16.72	16.24		
1.4	256QAM	6	0	16.53	16.67	16.25	17.5	5

Band 2 Ant 0 DSI2 sig path: 456

BW [MHz]	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	21.51	21.63	21.30	22.5	0
20	QPSK	1	49	21.42	21.59	21.17		
20	QPSK	1	99	21.56	21.52	21.25		
20	QPSK	50	0	20.57	20.61	20.18	21.5	1
20	QPSK	50	24	20.49	20.58	20.32		
20	QPSK	50	50	20.47	20.47	20.12		
20	QPSK	100	0	20.51	20.56	20.19		
20	16QAM	1	0	20.60	20.60	20.27	21.5	1
20	16QAM	1	49	20.52	20.55	20.21		
20	16QAM	1	99	20.65	20.57	20.21		
20	16QAM	50	0	19.68	19.63	19.29	20.5	2
20	16QAM	50	24	19.53	19.58	19.32		
20	16QAM	50	50	19.42	19.65	19.41		
20	16QAM	100	0	19.46	19.60	19.16		
20	64QAM	1	0	19.47	19.61	19.34	20.5	2
20	64QAM	1	49	19.61	19.51	19.27		
20	64QAM	1	99	19.56	19.72	19.22		
20	64QAM	50	0	18.65	18.58	18.22	19.5	3
20	64QAM	50	24	18.64	18.62	18.23		
20	64QAM	50	50	18.49	18.71	18.30		
20	64QAM	100	0	18.49	18.61	18.21		
20	256QAM	1	0	16.76	16.76	16.40	17.5	5
20	256QAM	1	49	16.55	16.70	16.51		
20	256QAM	1	99	16.60	16.77	16.38		
20	256QAM	50	0	16.81	16.78	16.64		
20	256QAM	50	24	16.66	16.76	16.33		
20	256QAM	50	50	16.77	16.81	16.45		
20	256QAM	100	0	16.63	16.80	16.34		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.44	21.56	21.15	22.5	0
15	QPSK	1	37	21.27	21.46	21.07		
15	QPSK	1	74	21.43	21.41	21.10		
15	QPSK	36	0	20.52	20.47	20.02	21.5	1
15	QPSK	36	20	20.46	20.43	20.26		
15	QPSK	36	39	20.36	20.40	20.03		
15	QPSK	75	0	20.37	20.49	20.14		
15	16QAM	1	0	20.47	20.49	20.20	21.5	1
15	16QAM	1	37	20.57	20.52	20.16		
15	16QAM	1	74	20.57	20.47	20.14		
15	16QAM	36	0	19.56	19.50	19.14	20.5	2
15	16QAM	36	20	19.42	19.48	19.19		
15	16QAM	36	39	19.29	19.51	19.28		
15	16QAM	75	0	19.39	19.51	19.11		
15	64QAM	1	0	19.40	19.56	19.28	20.5	2
15	64QAM	1	37	19.45	19.45	19.15		
15	64QAM	1	74	19.46	19.64	19.23		
15	64QAM	36	0	18.57	18.56	18.21	19.5	3
15	64QAM	36	20	18.54	18.55	18.20		
15	64QAM	36	39	18.39	18.63	18.16		
15	64QAM	75	0	18.45	18.50	18.06		
15	256QAM	1	0	16.67	16.71	16.28	17.5	5
15	256QAM	1	37	16.43	16.60	16.46		
15	256QAM	1	74	16.50	16.69	16.29		
15	256QAM	36	0	16.77	16.83	16.50		
15	256QAM	36	20	16.56	16.64	16.35		
15	256QAM	36	39	16.63	16.75	16.40		
15	256QAM	75	0	16.50	16.66	16.19		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.42	21.51	21.21	22.5	0
10	QPSK	1	25	21.35	21.54	21.13		
10	QPSK	1	49	21.41	21.43	21.09		
10	QPSK	25	0	20.49	20.62	20.05	21.5	1
10	QPSK	25	12	20.37	20.47	20.17		
10	QPSK	25	25	20.37	20.37	20.07		
10	QPSK	50	0	20.45	20.41	20.06		
10	16QAM	1	0	20.52	20.62	20.14	21.5	1
10	16QAM	1	25	20.37	20.49	20.15		
10	16QAM	1	49	20.58	20.45	20.17		
10	16QAM	25	0	19.56	19.54	19.13	20.5	2
10	16QAM	25	12	19.38	19.52	19.26		
10	16QAM	25	25	19.36	19.59	19.26		
10	16QAM	50	0	19.34	19.51	19.05		
10	64QAM	1	0	19.40	19.55	19.18	20.5	2
10	64QAM	1	25	19.41	19.47	19.19		
10	64QAM	1	49	19.48	19.57	19.17		
10	64QAM	25	0	18.53	18.53	18.11	19.5	3
10	64QAM	25	12	18.54	18.49	18.17		
10	64QAM	25	25	18.40	18.56	18.23		
10	64QAM	50	0	18.38	18.56	18.16		
10	256QAM	1	0	16.71	16.69	16.32	17.5	5
10	256QAM	1	25	16.47	16.58	16.39		
10	256QAM	1	49	16.47	16.67	16.27		
10	256QAM	25	0	16.75	16.67	16.54		
10	256QAM	25	12	16.58	16.58	16.28		
10	256QAM	25	25	16.71	16.70	16.29		
10	256QAM	50	0	16.56	16.68	16.23		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.45	21.49	21.19	22.5	0
5	QPSK	1	12	21.32	21.45	21.02		
5	QPSK	1	24	21.51	21.45	21.20		
5	QPSK	12	0	20.45	20.51	20.11	21.5	1
5	QPSK	12	7	20.45	20.53	20.26		
5	QPSK	12	13	20.37	20.34	20.07		
5	QPSK	25	0	20.42	20.43	20.04		
5	16QAM	1	0	20.51	20.53	20.15	21.5	1
5	16QAM	1	12	20.38	20.48	20.16		
5	16QAM	1	24	20.50	20.45	20.06		
5	16QAM	12	0	19.64	19.67	19.22	20.5	2
5	16QAM	12	7	19.38	19.52	19.23		
5	16QAM	12	13	19.29	19.56	19.33		
5	16QAM	25	0	19.35	19.47	19.08		
5	64QAM	1	0	19.33	19.50	19.20	20.5	2
5	64QAM	1	12	19.54	19.44	19.22		
5	64QAM	1	24	19.45	19.67	19.17		
5	64QAM	12	0	18.54	18.57	18.12	19.5	3
5	64QAM	12	7	18.53	18.45	18.10		
5	64QAM	12	13	18.43	18.59	18.20		
5	64QAM	25	0	18.36	18.51	18.16		
5	256QAM	1	0	16.67	16.65	16.30	17.5	5
5	256QAM	1	12	16.45	16.66	16.44		
5	256QAM	1	24	16.44	16.69	16.29		
5	256QAM	12	0	16.71	16.72	16.55	17.5	5
5	256QAM	12	7	16.55	16.59	16.31		
5	256QAM	12	13	16.72	16.71	16.29		
5	256QAM	25	0	16.69	16.66	16.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.46	21.54	21.23	22.5	0
3	QPSK	1	8	21.38	21.51	21.11		
3	QPSK	1	14	21.43	21.38	21.17		
3	QPSK	8	0	20.43	20.48	20.03	21.5	1
3	QPSK	8	4	20.44	20.51	20.24		
3	QPSK	8	7	20.33	20.39	20.04		
3	QPSK	15	0	20.39	20.51	20.14		
3	16QAM	1	0	20.51	20.47	20.17	21.5	1
3	16QAM	1	8	20.45	20.45	20.16		
3	16QAM	1	14	20.52	20.47	20.11		
3	16QAM	8	0	19.62	19.66	19.15	20.5	2
3	16QAM	8	4	19.47	19.46	19.27		
3	16QAM	8	7	19.27	19.52	19.37		
3	16QAM	15	0	19.38	19.49	19.09		
3	64QAM	1	0	19.38	19.52	19.21	20.5	2
3	64QAM	1	8	19.50	19.37	19.20		
3	64QAM	1	14	19.50	19.59	19.16		
3	64QAM	8	0	18.58	18.49	18.17	19.5	3
3	64QAM	8	4	18.51	18.46	18.16		
3	64QAM	8	7	18.35	18.60	18.16		
3	64QAM	15	0	18.42	18.54	18.10		
3	256QAM	1	0	16.77	16.68	16.27	17.5	5
3	256QAM	1	8	16.42	16.58	16.43		
3	256QAM	1	14	16.47	16.70	16.28		
3	256QAM	8	0	16.70	16.69	16.49	17.5	5
3	256QAM	8	4	16.59	16.58	16.28		
3	256QAM	8	7	16.70	16.70	16.32		
3	256QAM	15	0	16.51	16.73	16.29		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.47	21.52	21.26	22.5	0
1.4	QPSK	1	3	21.32	21.45	21.05		
1.4	QPSK	1	5	21.51	21.39	21.12		
1.4	QPSK	3	0	21.38	21.48	21.21		
1.4	QPSK	3	1	21.37	21.46	21.06		
1.4	QPSK	3	3	21.43	21.36	21.13		
1.4	QPSK	6	0	20.53	20.46	20.07	21.5	1
1.4	16QAM	1	0	20.37	20.50	20.20	21.5	1
1.4	16QAM	1	3	20.31	20.40	20.08		
1.4	16QAM	1	5	20.39	20.42	20.13		
1.4	16QAM	3	0	20.53	20.53	20.12		
1.4	16QAM	3	1	20.38	20.45	20.12		
1.4	16QAM	3	3	20.52	20.44	20.06		
1.4	16QAM	6	0	19.57	19.57	19.13	20.5	2
1.4	64QAM	1	0	19.42	19.49	19.25	20.5	2
1.4	64QAM	1	3	19.31	19.60	19.34		
1.4	64QAM	1	5	19.37	19.49	19.19		
1.4	64QAM	3	0	19.48	19.58	19.22		
1.4	64QAM	3	1	19.47	19.37	19.15		
1.4	64QAM	3	3	19.48	19.55	19.11		
1.4	64QAM	6	0	18.51	18.58	18.16	19.5	3
1.4	256QAM	1	0	16.75	16.70	16.26	17.5	5
1.4	256QAM	1	3	16.45	16.64	16.41		
1.4	256QAM	1	5	16.59	16.65	16.32		
1.4	256QAM	3	0	16.46	16.60	16.54		
1.4	256QAM	3	1	16.58	16.56	16.31		
1.4	256QAM	3	3	16.72	16.75	16.37		
1.4	256QAM	6	0	16.58	16.69	16.20	17.5	5

Band 4 Ant 0 DSI2 sig path: 69

BW [MHz]	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	22.08	22.13	22.06	23	0
20	QPSK	1	49	21.95	22.12	21.95		
20	QPSK	1	99	22.01	22.12	21.96		
20	QPSK	50	0	21.01	21.15	20.98	22	1
20	QPSK	50	24	21.06	21.10	21.05		
20	QPSK	50	50	21.02	21.13	21.07		
20	QPSK	100	0	21.02	21.12	21.09		
20	16QAM	1	0	21.07	21.21	21.06	22	1
20	16QAM	1	49	21.10	21.07	21.03		
20	16QAM	1	99	21.13	21.08	21.06		
20

Band 25 Ant 0 DSI2 sig path: 45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.57	21.65	21.24	22.5	0
20	QPSK	1	49	21.39	21.58	21.17		
20	QPSK	1	99	21.62	21.50	21.19		
20	QPSK	50	0	20.58	20.65	20.23	21.5	1
20	QPSK	50	24	20.57	20.55	20.29		
20	QPSK	50	50	20.44	20.45	20.24		
20	QPSK	100	0	20.51	20.58	20.13		
20	16QAM	1	0	20.58	20.65	20.30		
20	16QAM	1	49	20.60	20.58	20.21	21.5	1
20	16QAM	1	99	20.61	20.63	20.26		
20	16QAM	50	0	19.65	19.70	19.22		
20	16QAM	50	24	19.55	19.65	19.32	20.5	2
20	16QAM	50	50	19.47	19.66	19.37		
20	16QAM	100	0	19.47	19.61	19.13		
20	64QAM	1	0	19.58	19.66	19.34		
20	64QAM	1	49	19.63	19.54	19.37	20.5	2
20	64QAM	1	99	19.56	19.70	19.28		
20	64QAM	50	0	18.69	18.73	18.29		
20	64QAM	50	24	18.73	18.58	18.30	19.5	3
20	64QAM	50	50	18.53	18.72	18.25		
20	64QAM	100	0	18.59	18.62	18.21		
20	256QAM	1	0	16.80	16.82	16.41		
20	256QAM	1	49	16.66	16.73	16.54	17.5	5
20	256QAM	1	99	16.61	16.74	16.37		
20	256QAM	50	0	16.79	16.80	16.68		
20	256QAM	50	24	16.59	16.71	16.31	17.5	5
20	256QAM	50	50	16.70	16.75	16.47		
20	256QAM	100	0	16.59	16.75	16.34		
Channel				26113	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.43	21.59	21.20	22.5	0
15	QPSK	1	37	21.28	21.53	21.11		
15	QPSK	1	74	21.49	21.37	21.19		
15	QPSK	36	0	20.42	20.55	20.09		
15	QPSK	36	20	20.46	20.40	20.17	21.5	1
15	QPSK	36	39	20.37	20.32	20.17		
15	QPSK	75	0	20.37	20.47	20.07		
15	16QAM	1	0	20.44	20.50	20.19		
15	16QAM	1	37	20.58	20.43	20.11	21.5	1
15	16QAM	1	74	20.48	20.49	20.15		
15	16QAM	36	0	19.51	19.65	19.18		
15	16QAM	36	20	19.50	19.55	19.23	20.5	2
15	16QAM	36	39	19.33	19.57	19.24		
15	16QAM	75	0	19.31	19.56	19.06		
15	64QAM	1	0	19.43	19.55	19.26		
15	64QAM	1	37	19.51	19.39	19.24	20.5	2
15	64QAM	1	74	19.43	19.56	19.14		
15	64QAM	36	0	18.60	18.46	18.28		
15	64QAM	36	20	18.62	18.43	18.35	19.5	3
15	64QAM	36	39	18.40	18.67	18.22		
15	64QAM	75	0	18.55	18.50	18.16		
15	256QAM	1	0	16.73	16.67	16.33		
15	256QAM	1	37	16.46	16.64	16.45	17.5	5
15	256QAM	1	74	16.48	16.64	16.32		
15	256QAM	36	0	16.58	16.48	16.59		
15	256QAM	36	20	16.43	16.68	16.24	17.5	5
15	256QAM	36	39	16.57	16.68	16.42		
15	256QAM	75	0	16.47	16.66	16.19		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.42	21.53	21.24	22.5	0
10	QPSK	1	25	21.32	21.48	21.20		
10	QPSK	1	49	21.55	21.37	21.14		
10	QPSK	25	0	20.55	20.55	20.16	21.5	1
10	QPSK	25	12	20.51	20.49	20.18		
10	QPSK	25	25	20.32	20.33	20.15		
10	QPSK	50	0	20.36	20.53	20.09		
10	16QAM	1	0	20.59	20.57	20.23		
10	16QAM	1	25	20.47	20.51	20.08	21.5	1
10	16QAM	1	49	20.53	20.51	20.19		
10	16QAM	25	0	19.53	19.63	19.18		
10	16QAM	25	12	19.49	19.52	19.38	20.5	2
10	16QAM	25	25	19.42	19.52	19.39		
10	16QAM	50	0	19.32	19.53	19.09		
10	64QAM	1	0	19.53	19.51	19.29		
10	64QAM	1	25	19.49	19.38	19.23	20.5	2
10	64QAM	1	49	19.46	19.61	19.24		
10	64QAM	25	0	18.60	18.47	18.33		
10	64QAM	25	12	18.62	18.46	18.35	19.5	3
10	64QAM	25	25	18.48	18.63	18.21		
10	64QAM	50	0	18.52	18.58	18.11		
10	256QAM	1	0	16.69	16.68	16.32		
10	256QAM	1	25	16.47	16.58	16.42	17.5	5
10	256QAM	1	49	16.51	16.64	16.29		
10	256QAM	25	0	16.72	16.66	16.63		
10	256QAM	25	12	16.44	16.75	16.28	17.5	5
10	256QAM	25	25	16.54	16.63	16.43		
10	256QAM	50	0	16.47	16.66	16.26		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.41	21.55	21.27	22.5	0
5	QPSK	1	12	21.33	21.49	21.11		
5	QPSK	1	24	21.57	21.36	21.22		
5	QPSK	12	0	20.48	20.52	20.17		
5	QPSK	12	7	20.46	20.43	20.15	21.5	1
5	QPSK	12	13	20.37	20.32	20.18		
5	QPSK	25	0	20.36	20.46	19.97		
5	16QAM	1	0	20.49	20.52	20.14		
5	16QAM	1	12	20.49	20.52	20.11	21.5	1
5	16QAM	1	24	20.50	20.56	20.20		
5	16QAM	12	0	19.51	19.63	19.13		
5	16QAM	12	7	19.48	19.51	19.25	20.5	2
5	16QAM	12	13	19.41	19.53	19.23		
5	16QAM	25	0	19.32	19.51	19.08		
5	64QAM	1	0	19.53	19.41	19.29		
5	64QAM	1	12	19.57	19.42	19.36	20.5	2
5	64QAM	1	24	19.41	19.66	19.22		
5	64QAM	12	0	18.64	18.49	18.32		
5	64QAM	12	7	18.60	18.52	18.33	19.5	3
5	64QAM	12	13	18.39	18.56	18.21		
5	64QAM	25	0	18.50	18.54	18.12		
5	256QAM	1	0	16.64	16.77	16.31		
5	256QAM	1	12	16.49	16.67	16.43	17.5	5
5	256QAM	1	24	16.49	16.60	16.33		
5	256QAM	12	0	16.68	16.66	16.56		
5	256QAM	12	7	16.45	16.71	16.24	17.5	5
5	256QAM	12	13	16.55	16.63	16.41		
5	256QAM	25	0	16.45	16.64	16.30		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.51	21.56	21.26	22.5	0
3	QPSK	1	8	21.36	21.51	21.15		
3	QPSK	1	14	21.46	21.39	21.22		
3	QPSK	8	0	20.42	20.51	20.16		
3	QPSK	8	4	20.46	20.50	20.20	21.5	1
3	QPSK	8	7	20.39	20.46	20.14		
3	QPSK	15	0	20.42	20.48	20.04		
3	16QAM	1	0	20.43	20.51	20.20		
3	16QAM	1	8	20.50	20.46	20.12	21.5	1
3	16QAM	1	14	20.46	20.57	20.19		
3	16QAM	8	0	19.51	19.63	19.18		
3	16QAM	8	4	19.49	19.53	19.27	20.5	2
3	16QAM	8	7	19.35	19.51	19.38		
3	16QAM	15	0	19.36	19.50	19.09		
3	64QAM	1	0	19.52	19.41	19.29		
3	64QAM	1	8	19.56	19.38	19.23	20.5	2
3	64QAM	1	14	19.43	19.63	19.20		
3	64QAM	8	0	18.54	18.52	18.27		
3	64QAM	8	4	18.68	18.53	18.34	19.5	3
3	64QAM	8	7	18.40	18.66	18.25		
3	64QAM	15	0	18.54	18.52	18.06		
3	256QAM	1	0	16.71	16.77	16.36		
3	256QAM	1	8	16.44	16.71	16.55	17.5	5
3	256QAM	1	14	16.46	16.68	16.35		
3	256QAM	8	0	16.74	16.65	16.63		
3	256QAM	8	4	16.48	16.70	16.28	17.5	5
3	256QAM	8	7	16.64	16.66	16.50		
3	256QAM	15	0	16.51	16.67	16.24		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.52	21.55	21.24	22.5	0
1.4	QPSK	1	3	21.24	21.45	21.11		
1.4	QPSK	1	5	21.57	21.38	21.15		
1.4	QPSK	3	0	21.50	21.52	21.12		
1.4	QPSK	3	1	21.31	21.50	21.10		
1.4	QPSK	3	3	21.57	21.40	21.07		
1.4	QPSK	6	0	20.52	20.49	20.12	21.5	1
1.4	16QAM	1	0	20.52	20.49	20.15		
1.4	16QAM	1	3	20.29	20.40	20.11		
1.4	16QAM	1	5	20.37	20.54	20.08	21.5	1
1.4	16QAM	3	0	20.48	20.61	20.18		
1.4	16QAM	3	1	20.45	20.51	20.13		
1.4	16QAM	3	3	20.51	20.49	20.21		
1.4	16QAM	6	0	19.59	19.69	19.16	20.5	2
1.4	64QAM	1	0	19.42	19.56	19.26		
1.4	64QAM	1	3	19.40	19.52	19.39		
1.4	64QAM	1	5	19.39	19.55	19.15	20.5	2
1.4	64QAM	3	0	19.53	19.56	19.23		
1.4	64QAM	3	1	19.48	19.49	19.27		
1.4	64QAM	3	3	19.51	19.57	19.20		
1.4	64QAM	6	0	18.46	18.51	18.13	19.5	3
1.4	256QAM	1	0	16.68	16.76	16.36		
1.4	256QAM	1	3	16.49	16.64	16.54		
1.4	256QAM	1	5	16.49	16.65	16.35	17.5	5
1.4	256QAM	3	0	16.70	16.65	16.64		
1.4	256QAM	3	1	16.44	16.74	16.28		
1.4	256QAM	3	3	16.55	16.62	16.50		
1.4	256QAM	6	0	16.48	16.65	16.28	17.5	5

Band 25 Ant 0 DSI2 sig path: 457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.61	21.69	21.27	22.5	0
20	QPSK	1	49	21.39	21.65	21.26		
20	QPSK	1	99	21.62	21.53	21.29		
20	QPSK	50	0	20.61	20.74	20.30	21.5	1
20	QPSK	50	24	20.63	20.58	20.36		
20	QPSK	50	50	20.48	20.51	20.35		
20	QPSK	100	0	20.53	20.61	20.12		
20	16QAM	1	0	20.65	20.75	20.34		
20	16QAM	1	49	20.60	20.57	20.25	21.5	1
20	16QAM	1	99	20.64	20.68	20.35		
20	16QAM	50	0	19.69	19.74	19.24		
20	16QAM	50	24	19.59	19.71	19.40	20.5	2
20	16QAM	50	50	19.56	19.71	19.37		
20	16QAM	100	0	19.49	19.60	19.14		
20	64QAM	1	0	19.59	19.77	19.33		
20	64QAM	1	49	19.66	19.56	19.46	20.5	2
20	64QAM	1	99	19.66	19.78	19.32		
20	64QAM	50	0	18.72	18.77	18.33		
20	64QAM	50	24	18.72	18.60	18.34	19.5	3
20	64QAM	50	50	18.64	18.71	18.33		
20	64QAM	100	0	18.61	18.66	18.27		
20	256QAM	1	0	16.87	16.85	16.49		
20	256QAM	1	49	16.65	16.72	16.61	17.5	5
20	256QAM	1	99	16.71	16.82	16.37		
20	256QAM	50	0	16.85	16.89	16.70		
20	256QAM	50	24	16.69	16.86	16.40	17.5	5
20	256QAM	50	50	16.73	16.81	16.48		
20	256QAM	100	0	16.64	16.81	16.43		
Channel				26113	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.53	21.56	21.14	22.5	0
15	QPSK	1	37	21.25	21.51	21.21		
15	QPSK	1	74	21.51	21.41	21.17		
15	QPSK	36	0	20.54	20.62	20.18		
15	QPSK	36	20	20.49	20.42	20.26	21.5	1
15	QPSK	36	39	20.42	20.44	20.26		
15	QPSK	75	0	20.42	20.48	20.05		
15	16QAM	1	0	20.58	20.60	20.31		
15	16QAM	1	37	20.57	20.52	20.06	21.5	1
15	16QAM	1	74	20.52	20.55	20.37		
15	16QAM	36	0	19.63	19.65	19.24		
15	16QAM	36	20	19.49	19.64	19.38	20.5	2
15	16QAM	36	39	19.47	19.63	19.38		
15	16QAM	75	0	19.38	19.49	19.09		
15	64QAM	1	0	19.51	19.69	19.19		
15	64QAM	1	37	19.55	19.52	19.37	20.5	2
15	64QAM	1	74	19.60	19.64	19.27		
15	64QAM	36	0	18.69	18.57	18.34		
15	64QAM	36	20	18.63	18.51	18.33	19.5	3
15	64QAM	36	39	18.53	18.67	18.28		
15	64QAM	75	0	18.55	18.56	18.16		
15	256QAM	1	0	16.72	16.73	16.44		
15	256QAM	1	37	16.55	16.67	16.46	17.5	5
15	256QAM	1	74	16.63	16.76	16.30		
15	256QAM	36	0	16.76	16.58	16.59		
15	256QAM	36	20	16.59	16.70	16.31	17.5	5
15	256QAM	36	39	16.61	16.71	16.41		
15	256QAM	75	0	16.51	16.76	16.28		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.50	21.55	21.19	22.5	0
10	QPSK	1	25	21.24	21.52	21.22		
10	QPSK	1	49	21.55	21.40	21.18		
10	QPSK	25	0	20.50	20.68	20.23	21.5	1
10	QPSK	25	12	20.52	20.43	20.30		
10	QPSK	25	25	20.44	20.47	20.25		
10	QPSK	50	0	20.42	20.56	20.07		
10	16QAM	1	0	20.58	20.68	20.27		
10	16QAM	1	25	20.54	20.46	20.21	21.5	1
10	16QAM	1	49	20.53	20.57	20.33		
10	16QAM	25	0	19.64	19.68	19.25		
10	16QAM	25	12	19.46	19.61	19.43	20.5	2
10	16QAM	25	25	19.46	19.63	19.42		
10	16QAM	50	0	19.45	19.47	19.08		
10	64QAM	1	0	19.53	19.65	19.27		
10	64QAM	1	25	19.57	19.46	19.34	20.5	2
10	64QAM	1	49	19.60	19.65	19.16		
10	64QAM	25	0	18.62	18.52	18.23		
10	64QAM	25	12	18.56	18.47	18.22	19.5	3
10	64QAM	25	25	18.56	18.63	18.19		
10	64QAM	50	0	18.45	18.55	18.13		
10	256QAM	1	0	16.80	16.76	16.54		
10	256QAM	1	25	16.53	16.64	16.65	17.5	5
10	256QAM	1	49	16.64	16.74	16.32		
10	256QAM	25	0	16.74	16.74	16.59		
10	256QAM	25	12	16.55	16.75	16.28	17.5	5
10	256QAM	25	25	16.64	16.76	16.41		
10	256QAM	50	0	16.48	16.73	16.31		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.54	21.63	21.16	22.5	0
5	QPSK	1	12	21.29	21.52	21.18		
5	QPSK	1	24	21.52	21.45	21.20		
5	QPSK	12	0	20.51	20.69	20.24		
5	QPSK	12	7	20.51	20.42	20.33	21.5	1
5	QPSK	12	13	20.43	20.38	20.20		
5	QPSK	25	0	20.38	20.46	20.07		
5	16QAM	1	0	20.53	20.70	20.30		
5	16QAM	1	12	20.52	20.51	20.27	21.5	1
5	16QAM	1	24	20.57	20.61	20.36		
5	16QAM	12	0	19.54	19.65	19.21		
5	16QAM	12	7	19.45	19.57	19.46	20.5	2
5	16QAM	12	13	19.40	19.57	19.33		
5	16QAM	25	0	19.38	19.45	19.09		
5	64QAM	1	0	19.64	19.61	19.26		
5	64QAM	1	12	19.62	19.41	19.30	20.5	2
5	64QAM	1	24	19.61	19.68	19.21		
5	64QAM	12	0	18.69	18.57	18.27		
5	64QAM	12	7	18.62	18.57	18.19	19.5	3
5	64QAM	12	13	18.52	18.66	18.21		
5	64QAM	25	0	18.55	18.60	18.18		
5	256QAM	1	0	16.80	16.76	16.44		
5	256QAM	1	12	16.62	16.65	16.65	17.5	5
5	256QAM	1	24	16.59	16.67	16.36		
5	256QAM	12	0	16.81	16.82	16.75		
5	256QAM	12	7	16.60	16.79	16.36	17.5	5
5	256QAM	12	13	16.67	16.75	16.49		
5	256QAM	25	0	16.51	16.76	16.28		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.53	21.61	21.21	22.5	0
3	QPSK	1	8	21.33	21.61	21.18		
3	QPSK	1	14	21.53	21.37	21.23		
3	QPSK	8	0	20.47	20.68	20.20		
3	QPSK	8	4	20.58	20.45	20.31	21.5	1
3	QPSK	8	7	20.43	20.46	20.21		
3	QPSK	15	0	20.37	20.55	20.14		
3	16QAM	1	0	20.54	20.67	20.21		
3	16QAM	1	8	20.48	20.46	20.17	21.5	1
3	16QAM	1	14	20.60	20.58	20.25		
3	16QAM	8	0	19.58	19.70	19.24		
3	16QAM	8	4	19.48	19.63	19.41	20.5	2
3	16QAM	8	7	19.47	19.66	19.40		
3	16QAM	15	0	19.39	19.56	19.13		
3	64QAM	1	0	19.51	19.73	19.30		
3	64QAM	1	8	19.61	19.45	19.41	20.5	2
3	64QAM	1	14	19.60	19.62	19.31		
3	64QAM	8	0	18.61	18.61	18.20		
3	64QAM	8	4	18.67	18.61	18.28	19.5	3
3	64QAM	8	7	18.56	18.65	18.22		
3	64QAM	15	0	18.51	18.61	18.20		
3	256QAM	1	0	16.77	16.76	16.40		
3	256QAM	1	8	16.68	16.68	16.53	17.5	5
3	256QAM	1	14	16.64	16.77	16.31		
3	256QAM	8	0	16.72	16.83	16.68		
3	256QAM	8	4	16.63	16.75	16.38	17.5	5
3	256QAM	8	7	16.63	16.74	16.47		
3	256QAM	15	0	16.58	16.65	16.31		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.47	21.59	21.23	22.5	0
1.4	QPSK	1	3	21.25	21.57	21.21		
1.4	QPSK	1	5	21.57	21.42	21.16		
1.4	QPSK	3	0	21.48	21.56	21.15		
1.4	QPSK	3	1	21.26	21.53	21.21		
1.4	QPSK	3	3	21.49	21.39	21.20		
1.4	QPSK	6	0	20.46	20.60	20.22	21.5	1
1.4	16QAM	1	0	20.52	20.42	20.32		
1.4	16QAM	1	3	20.34	20.38	20.35		
1.4	16QAM	1	5	20.51	20.55	20.12	21.5	1
1.4	16QAM	3	0	20.51	20.65	20.28		
1.4	16QAM	3	1	20.52	20.46	20.17		
1.4	16QAM	3	3	20.58	20.61	20.29		
1.4	16QAM	6	0	19.65	19.70	19.28	20.5	2
1.4	64QAM	1	0	19.44	19.65	19.51		
1.4	64QAM	1	3	19.42	19.58	19.42		
1.4	64QAM	1	5	19.36	19.55	19.19	20.5	2
1.4	64QAM	3	0	19.48	19.65	19.26		
1.4	64QAM	3	1	19.51	19.50	19.34		
1.4	64QAM	3	3	19.57	19.73	19.27		
1.4	64QAM	6	0	18.60	18.61	18.26	19.5	3
1.4	256QAM	1	0	16.73	16.73	16.42		
1.4	256QAM	1	3	16.54	16.66	16.51		
1.4	256QAM	1	5	16.66	16.72	16.29	17.5	5
1.4	256QAM	3	0	16.80	16.74	16.74		
1.4	256QAM	3	1	16.62	16.78	16.34		
1.4	256QAM	3	3	16.63	16.72	16.54		
1.4	256QAM	6	0	16.54	16.75	16.29	17.5	5

Band 66 Ant 0 DSI2 sig path: 70

BW [MHz]	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	22.00	22.15	21.80	23	0
20	QPSK	1	49	21.93	22.10	21.81		
20	QPSK	1	99	22.12	22.06	21.78		
20	QPSK	50	0	21.13	21.23	20.78	22	1
20	QPSK	50	24	21.16	21.08	20.85		
20	QPSK	50	50	20.93	21.02	20.90		
20	QPSK	100	0	21.01	21.15	20.67		
20	16QAM	1	0	21.13	21.27	20.84		
20	16QAM	1	49	21.17	21.15	20.81	22	1
20

Band 2 Ant 4 DSI2 sig path: 44

BW [MHz]	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	17.53	17.65	17.62	18.5	0
20	QPSK	1	49	17.55	17.59	17.54		
20	QPSK	1	99	17.45	17.52	17.61		
20	QPSK	50	0	17.57	17.61	17.59		
20	QPSK	50	24	17.51	17.50	17.52		
20	QPSK	50	50	17.51	17.59	17.54		
20	QPSK	100	0	17.55	17.58	17.53		
20	16QAM	1	0	17.61	17.53	17.57		
20	16QAM	1	49	17.58	17.55	17.55	18.5	0
20	16QAM	1	99	17.49	17.60	17.56		
20	16QAM	50	0	17.57	17.50	17.51		
20	16QAM	50	24	17.55	17.51	17.59		
20	16QAM	50	50	17.59	17.59	17.51		
20	16QAM	100	0	17.56	17.57	17.56		
20	64QAM	1	0	17.56	17.58	17.50		
20	64QAM	1	49	17.52	17.60	17.54	18.5	0
20	64QAM	1	99	17.50	17.56	17.56		
20	64QAM	50	0	17.54	17.56	17.51		
20	64QAM	50	24	17.59	17.50	17.54		
20	64QAM	50	50	17.51	17.58	17.52		
20	64QAM	100	0	17.54	17.59	17.52		
20	256QAM	1	0	17.47	17.59	17.53		
20	256QAM	1	49	17.45	17.51	17.42	18.5	0
20	256QAM	1	99	17.41	17.35	17.33		
20	256QAM	50	0	17.50	17.52	17.44		
20	256QAM	50	24	17.46	17.46	17.41	18.5	0
20	256QAM	50	50	17.34	17.42	17.45		
20	256QAM	100	0	17.38	17.48	17.36		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.45	17.52	17.46		
15	QPSK	1	37	17.54	17.43	17.52	18.5	0
15	QPSK	1	74	17.27	17.40	17.43		
15	QPSK	36	0	17.41	17.54	17.42		
15	QPSK	36	20	17.49	17.34	17.38	18.5	0
15	QPSK	36	39	17.38	17.39	17.44		
15	QPSK	75	0	17.50	17.45	17.41		
15	16QAM	1	0	17.59	17.53	17.53		
15	16QAM	1	37	17.44	17.50	17.36	18.5	0
15	16QAM	1	74	17.51	17.57	17.43		
15	16QAM	36	0	17.42	17.35	17.46		
15	16QAM	36	20	17.38	17.44	17.52	18.5	0
15	16QAM	36	39	17.49	17.45	17.49		
15	16QAM	75	0	17.40	17.45	17.48		
15	64QAM	1	0	17.49	17.58	17.45		
15	64QAM	1	37	17.41	17.47	17.40	18.5	0
15	64QAM	1	74	17.41	17.49	17.45		
15	64QAM	36	0	17.43	17.38	17.37		
15	64QAM	36	20	17.49	17.38	17.47	18.5	0
15	64QAM	36	39	17.46	17.38	17.46		
15	64QAM	75	0	17.52	17.58	17.50		
15	256QAM	1	0	17.50	17.52	17.46		
15	256QAM	1	37	17.41	17.45	17.36	18.5	0
15	256QAM	1	74	17.41	17.45	17.31		
15	256QAM	36	0	17.39	17.45	17.51		
15	256QAM	36	20	17.34	17.41	17.45	18.5	0
15	256QAM	36	39	17.35	17.52	17.46		
15	256QAM	75	0	17.45	17.43	17.42		
Channel				18650	18900	19150		
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.43	17.57	17.57		
10	QPSK	1	25	17.44	17.57	17.46	18.5	0
10	QPSK	1	49	17.44	17.46	17.43		
10	QPSK	25	0	17.50	17.48	17.44		
10	QPSK	25	12	17.33	17.50	17.46	18.5	0
10	QPSK	25	25	17.50	17.46	17.36		
10	QPSK	50	0	17.49	17.57	17.33		
10	16QAM	1	0	17.60	17.46	17.53		
10	16QAM	1	25	17.48	17.49	17.54	18.5	0
10	16QAM	1	49	17.48	17.49	17.53		
10	16QAM	25	0	17.36	17.48	17.46		
10	16QAM	25	12	17.36	17.40	17.39	18.5	0
10	16QAM	25	25	17.45	17.47	17.51		
10	16QAM	50	0	17.51	17.48	17.40		
10	64QAM	1	0	17.48	17.43	17.37		
10	64QAM	1	25	17.47	17.44	17.38	18.5	0
10	64QAM	1	49	17.47	17.51	17.39		
10	64QAM	25	0	17.45	17.39	17.31		
10	64QAM	25	12	17.41	17.32	17.46	18.5	0
10	64QAM	25	25	17.31	17.42	17.49		
10	64QAM	50	0	17.45	17.46	17.39		
10	256QAM	1	0	17.50	17.53	17.57		
10	256QAM	1	25	17.42	17.48	17.44	18.5	0
10	256QAM	1	49	17.34	17.35	17.34		
10	256QAM	25	0	17.40	17.54	17.45		
10	256QAM	25	12	17.42	17.33	17.47	18.5	0
10	256QAM	25	25	17.38	17.43	17.44		
10	256QAM	50	0	17.37	17.49	17.50		
Channel				18625	18900	19175		
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.42	17.56	17.55		
5	QPSK	1	12	17.42	17.58	17.39	18.5	0
5	QPSK	1	24	17.40	17.44	17.40		
5	QPSK	12	0	17.56	17.53	17.40		
5	QPSK	12	7	17.45	17.41	17.34	18.5	0
5	QPSK	12	13	17.51	17.59	17.37		
5	QPSK	25	0	17.36	17.44	17.36		
5	16QAM	1	0	17.58	17.43	17.38		
5	16QAM	1	12	17.48	17.36	17.43	18.5	0
5	16QAM	1	24	17.44	17.49	17.42		
5	16QAM	12	0	17.50	17.35	17.32		
5	16QAM	12	7	17.54	17.42	17.59	18.5	0
5	16QAM	12	13	17.54	17.47	17.48		
5	16QAM	25	0	17.40	17.47	17.37		
5	64QAM	1	0	17.48	17.46	17.46		
5	64QAM	1	12	17.45	17.46	17.41	18.5	0
5	64QAM	1	24	17.49	17.47	17.40		
5	64QAM	12	0	17.48	17.41	17.49		
5	64QAM	12	7	17.56	17.45	17.52	18.5	0
5	64QAM	12	13	17.45	17.44	17.45		
5	64QAM	25	0	17.43	17.37	17.50		
5	256QAM	1	0	17.40	17.52	17.58		
5	256QAM	1	12	17.49	17.54	17.36	18.5	0
5	256QAM	1	24	17.40	17.35	17.39		
5	256QAM	12	0	17.55	17.52	17.47		
5	256QAM	12	7	17.36	17.42	17.37	18.5	0
5	256QAM	12	13	17.41	17.49	17.45		
5	256QAM	25	0	17.46	17.51	17.51		
Channel				18615	18900	19185		
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.41	17.62	17.56		
3	QPSK	1	8	17.43	17.55	17.38	18.5	0
3	QPSK	1	14	17.43	17.44	17.40		
3	QPSK	8	0	17.56	17.56	17.50		
3	QPSK	8	4	17.34	17.48	17.34	18.5	0
3	QPSK	8	7	17.36	17.43	17.43		
3	QPSK	15	0	17.37	17.56	17.35		
3	16QAM	1	0	17.49	17.44	17.43		
3	16QAM	1	8	17.51	17.52	17.54	18.5	0
3	16QAM	1	14	17.37	17.57	17.36		
3	16QAM	8	0	17.32	17.42	17.38		
3	16QAM	8	4	17.52	17.44	17.40	18.5	0
3	16QAM	8	7	17.46	17.51	17.50		
3	16QAM	15	0	17.44	17.44	17.52		
3	64QAM	1	0	17.37	17.49	17.35		
3	64QAM	1	8	17.35	17.42	17.46	18.5	0
3	64QAM	1	14	17.44	17.50	17.36		
3	64QAM	8	0	17.52	17.55	17.35		
3	64QAM	8	4	17.49	17.31	17.39	18.5	0
3	64QAM	8	7	17.35	17.56	17.36		
3	64QAM	15	0	17.35	17.53	17.40		
3	256QAM	1	0	17.48	17.63	17.60		
3	256QAM	1	8	17.38	17.52	17.37	18.5	0
3	256QAM	1	14	17.42	17.41	17.35		
3	256QAM	8	0	17.40	17.49	17.55		
3	256QAM	8	4	17.37	17.41	17.47	18.5	0
3	256QAM	8	7	17.39	17.52	17.47		
3	256QAM	15	0	17.40	17.49	17.47		
Channel				18607	18900	19193		
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.47	17.51	17.57		
1.4	QPSK	1	3	17.41	17.59	17.45		
1.4	QPSK	1	5	17.37	17.51	17.38	18.5	0
1.4	QPSK	3	0	17.47	17.53	17.43		
1.4	QPSK	3	1	17.34	17.45	17.38		
1.4	QPSK	3	3	17.40	17.44	17.45		
1.4	QPSK	6	0	17.52	17.50	17.35	18.5	0
1.4	16QAM	1	0	17.53	17.33	17.49		
1.4	16QAM	1	3	17.46	17.44	17.45		
1.4	16QAM	1	5	17.39	17.60	17.46	18.5	0
1.4	16QAM	3	0	17.48	17.38	17.33		
1.4	16QAM	3	1	17.49	17.33	17.55		
1.4	16QAM	3	3	17.51	17.47	17.34		
1.4	16QAM	6	0	17.53	17.57	17.37	18.5	0
1.4	64QAM	1	0	17.49	17.38	17.43		
1.4	64QAM	1	3	17.41	17.54	17.52		
1.4	64QAM	1	5	17.36	17.45	17.37	18.5	0
1.4	64QAM	3	0	17.35	17.48	17.43		
1.4	64QAM	3	1	17.44	17.41	17.40		
1.4	64QAM	3	3	17.34	17.46	17.36		
1.4	64QAM	6	0	17.38	17.54	17.42	18.5	0
1.4	256QAM	1	0	17.48	17.53	17.54		
1.4	256QAM	1	3	17.53	17.48	17.44		
1.4	256QAM	1	5	17.30	17.35	17.34	18.5	0
1.4	256QAM	3	0	17.42	17.52	17.57		
1.4	256QAM	3	1	17.46	17.47	17.38		
1.4	256QAM	3	3	17.45	17.46	17.46		
1.4	256QAM	6	0	17.47	17.51	17.39	18.5	0

Band 2 Ant 4 DSI2 sig path: 456

BW [MHz]	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	17.52	17.60	17.14		
20	QPSK	1	49	17.40	17.53	17.38	18.5	0
20	QPSK	1	99	17.42	17.47	17.38		
20	QPSK	50	0	17.52	17.58	17.44		
20	QPSK	50	24	17.41	17.45	17.48		
20	QPSK	50	50	17.45	17.54	17.49	18.5	0
20	QPSK	100	0	17.48	17.53	17.48		
20	16QAM	1	0	17.51	17.40	17.47		
20	16QAM	1	49	17.51	17.50	17.50	18.5	0
20	16QAM	1	99	17.36	17.51	17.43		
20	16QAM	50	0	17.41	17.47	17.44		
20	16QAM	50	24	17.46	17.44	17.46	18.5	0
20	16QAM	50	50	17.55	17.49	17.38		
20	16QAM	100	0	17.47	17.52	17.47		
20	64QAM	1	0	17.46	17.49	17.37		
20	64QAM	1	49	17.39	17.45	17.38	18.5	0
20	64QAM	1	99	17.43	17.51	17.42		
20	64QAM	50	0	17.45	17.48	17.44		
20	64QAM	50	24	17.47	17.35	17.40	18.5	0
20	64QAM	50	50	17.39	17.48	17.43		
20	64QAM	100	0	17.44	17.53	17.37		
20	256QAM	1	0	17.44	17.53	17.03		
20	256QAM	1	49	17.26	17.39	17.24	18.5	0
20	256QAM	1	99	17.19	17.39	17.23		
20	256QAM	50	0	17.35	17.47	17.34		
20	256QAM	50	24	17.32	17.41	17.32	18.5	0
20	256QAM	50	50	17.41	17.47	17.36		
20	256QAM	100	0	17.41	17.41	17.37		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.37	17.48	17.08		
15	QPSK	1	37	17.40	17.37	17.28	18.5	0
15	QPSK	1	74	17.32	17.32	17.38		
15	QPSK	36	0	17.35	17.56	17.40		
15	QPSK	36	20	17.35	17.45	17.34	18.5	0
15	QPSK	36	39	17.53	17.36	17.40		
15	QPSK	75	0	17.46	17.35	17.37		
15	16QAM	1	0	17.46	17.26	17.36		
15	16QAM	1	37	17.48	17.41	17.32	18.5	0
15	16QAM	1	74	17.21	17.32	17.36		
15	16QAM	36	0	17.38	17.29	17.35		
15	16QAM	36	20	17.44	17.31	17.40	18.5	0
15	16QAM	36	39	17.39	17.47	17.25		
15	16QAM	75	0	17.45	17.32	17.32		
15	64QAM	1	0	17.41	17.45	17.32		
15	64QAM	1	37	17.38	17.38	17.27	18.5	0
15	64QAM	1	74	17.40	17.46	17.27		
15	64QAM	36	0	17.33	17.43	17.40		
15	64QAM	36	20	17.49	17.24	17.32	18.5	0
15	64QAM	36	39	17.27	17.31	17.26		
15	64QAM	75	0	17.40	17.50	17.32		
15	256QAM	1	0	17.48	17.43	17.08		
15	256QAM	1	37	17.36	17.36	17.28	18.5	0
15	256QAM	1	74	17.15	17.38	17.28		
15	256QAM	36	0	17.39	17.53	17.28		
15	256QAM	36	20	17.38	17.30	17.42	18.5	0
15	256QAM	36	39	17.34	17.37	17.32		
15	256QAM	75	0	17.38	17.47	17.40		
Channel				18650	18900	19150		
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.43	17.57	17.03		
10	QPSK	1	25	17.33	17.39	17.38	18.5	0
10	QPSK	1	49	17.24	17.31	17.25		
10	QPSK	25	0	17.43	17.56	17.31		
10	QPSK	25	12	17.27	17.35	17.40	18.5	0
10	QPSK	25	25	17.41	17.37	17.35		
10	QPSK	50	0	17.29	17.50	17.40		
10	16QAM	1	0	17.32	17.27	17.44		
10	16QAM	1	25	17.35	17.40	17.45	18.5	0
10	16QAM	1	49	17.28	17.26	17.26		
10	16QAM	25	0	17.43	17.30	17.41		
10	16QAM	25	12	17.37	17.39	17.38	18.5	0
10	16QAM	25	25	17.53	17.44	17.26		
10	16QAM	50	0	17.42	17.33	17.33		
10	64QAM	1	0	17.36	17.34	17.24		
10	64QAM	1	25	17.36	17.36	17.30	18.5	0
10	64QAM	1	49	17.34	17.49	17.35		
10	64QAM	25	0	17.29	17.39	17.43		
10	64QAM	25	12	17.36	17.22	17.37	18.5	0
10	64QAM	25	25	17.19	17.36	17.34		
10	64QAM	50	0	17.42	17.36	17.23		
10	256QAM	1	0	17.37	17.47	17.13		
10	256QAM	1	25	17.27	17.41	17.28	18.5	0
10	256QAM	1	49	17.26	17.31	17.25		
10	256QAM	25	0	17.37	17.42	17.35		
10	256QAM	25	12	17.38	17.48	17.38	18.5	0
10	256QAM	25	25	17.36	17.48	17.32		
10	256QAM	50	0	17.36	17.44	17.36		
Channel				18625	18900	19175		
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.39	17.44	17.05		
5	QPSK	1	12	17.27	17.45	17.33	18.5	0
5	QPSK	1	24	17.29	17.44	17.25		
5	QPSK	12	0	17.52	17.52	17.35		
5	QPSK	12	7	17.23	17.33	17.35	18.5	0
5	QPSK	12	13	17.36	17.35	17.41		
5	QPSK	25	0	17.34	17.37	17.29		
5	16QAM	1	0	17.47	17.32	17.39		
5	16QAM	1	12	17.32	17.49	17.38	18.5	0
5	16QAM	1	24	17.26	17.35	17.41		
5	16QAM	12	0	17.36	17.24	17.26		
5	16QAM	12	7	17.35	17.28	17.29	18.5	0
5	16QAM	12	13	17.41	17.27	17.27		
5	16QAM	25	0	17.41	17.44	17.39		
5	64QAM	1	0	17.28	17.37	17.34		
5	64QAM	1	12	17.33	17.44	17.33	18.5	0
5	64QAM	1	24	17.27	17.42	17.42		
5	64QAM	12	0	17.33	17.42	17.35		
5	64QAM	12	7	17.38	17.21	17.22	18.5	0
5	64QAM	12	13	17.35	17.46	17.33		
5	64QAM	25	0	17.29	17.33	17.32		
5	256QAM	1	0	17.43	17.53	16.97		
5	256QAM	1	12	17.33	17.44	17.34	18.5	0
5	256QAM	1	24	17.21	17.37	17.24		
5	256QAM	12	0	17.49	17.37	17.34		
5	256QAM	12	7	17.26	17.30	17.31	18.5	0
5	256QAM	12	13	17.28	17.46	17.47		
5	256QAM	25	0	17.43	17.45	17.42		
Channel				18615	18900	19185		
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.39	17.43	17.01		
3	QPSK	1	8	17.36	17.42	17.25	18.5	0
3	QPSK	1	14	17.21	17.35	17.33		
3	QPSK	8	0	17.51	17.47	17.29		
3	QPSK	8	4	17.34	17.29	17.37	18.5	0
3	QPSK	8	7	17.29	17.38	17.47		
3	QPSK	15	0	17.30	17.49	17.41		
3	16QAM	1	0	17.43	17.40	17.32		
3	16QAM	1	8	17.37	17.50	17.47	18.5	0
3	16QAM	1	14	17.32	17.47	17.34		
3	16QAM	8	0	17.33	17.21	17.32		
3	16QAM	8	4	17.29	17.40	17.33	18.5	0
3	16QAM	8	7	17.54	17.32	17.33		
3	16QAM	15	0	17.41	17.46	17.43		
3	64QAM	1	0	17.27	17.53	17.27		
3	64QAM	1	8	17.28	17.40	17.32	18.5	0
3	64QAM	1	14	17.38	17.40	17.31		
3	64QAM	8	0	17.41	17.44	17.41		
3	64QAM	8	4	17.28	17.23	17.23	18.5	0
3	64QAM	8	7	17.27	17.38	17.38		
3	64QAM	15	0	17.34	17.50	17.26		
3	256QAM	1	0	17.49	17.56	17.07		
3	256QAM	1	8	17.25	17.45	17.30	18.5	0
3	256QAM	1	14	17.28	17.45	17.29		
3	256QAM	8	0	17.49	17.47	17.34		
3	256QAM	8	4	17.29	17.28	17.40	18.5	0
3	256QAM	8	7	17.41	17.43	17.35		
3	256QAM	15	0	17.40	17.49	17.42		
Channel				18607	18900	19193		
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.40	17.56	17.11		
1.4	QPSK	1	3	17.20	17.39	17.30		
1.4	QPSK	1	5	17.28	17.47	17.26	18.5	0
1.4	QPSK	3	0	17.38	17.50	17.34		
1.4	QPSK	3	1	17.30	17.28	17.33		
1.4	QPSK	3	3	17.40	17.36	17.39		
1.4	QPSK	6	0	17.30	17.30	17.48	18.5	0
1.4	16QAM	1	0	17.47	17.22	17.44		
1.4	16QAM	1	3	17.33	17.42	17.46		
1.4	16QAM	1	5	17.28	17.37	17.41	18.5	0
1.4	16QAM	3	0	17.30	17.21	17.29		
1.4	16QAM	3	1	17.43	17.42	17.35		
1.4	16QAM	3	3	17.45	17.35	17.22		
1.4	16QAM	6	0	17.44	17.47	17.41	18.5	0
1.4	64QAM	1	0	17.41	17.35	17.37		
1.4	64QAM	1	3	17.24	17.30	17.37		
1.4	64QAM	1	5	17.23	17.45	17.22	18.5	0
1.4	64QAM	3	0	17.38	17.42	17.26		
1.4	64QAM	3	1	17.44	17.22	17.27		
1.4	64QAM	3	3	17.27	17.37	17.32		
1.4	64QAM	6	0	17.34	17.50	17.23	18.5	0
1.4	256QAM	1	0	17.46	17.57	16.99		
1.4	256QAM	1	3	17.30	17.41	17.28		
1.4	256QAM	1	5	17.24	17.34	17.21	18.5	0
1.4	256QAM	3	0	17.49	17.42	17.34		
1.4	256QAM	3	1	17.38	17.36	17.34		
1.4	256QAM	3	3	17.33	17.42	17.37		
1.4	256QAM	6	0	17.40	17.51	17.31	18.5	0

Band 4 Ant 4 DSI2 sig path: 69

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.15	19.21	19.11		
20	QPSK	1	49	19.12	19.15	19.09	19.5	0
20	QPSK	1	99	19.08	19.07	19.04		
20	QPSK	50	0	19.12	19.18	19.14		
20	QPSK	50	24	19.09	19.16	19.08	19.5	0
20	QPSK	50	50	19.09	19.12	19.08		
20	QPSK	100	0	19.11	19.16	19.13		
20	16QAM	1	0	19.16	19.10	19.15		
20	16QAM	1	49	19.13	19.13	19.16	19.5	0
20	16QAM	1	99	19.06	19.16	19.13		
20	16QAM	50	0	19.13	19.08	19.16		
20	16QAM	50	24	19.11	19.16	19.14	19.5	0
20	16QAM	50	50	19.16	19.17	19.14		
20	16QAM	100	0	19.12	19.13	19.12		
20

Band 25 Ant 4 DSI2 sig path: 45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26500		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	17.62	17.67	17.24		
20	QPSK	1	49	17.53	17.62	17.61	18.5	0
20	QPSK	1	99	17.43	17.58	17.62		
20	QPSK	50	0	17.42	17.63	17.44		
20	QPSK	50	24	17.57	17.61	17.58	18.5	0
20	QPSK	50	50	17.52	17.52	17.53		
20	QPSK	100	0	17.47	17.53	17.48		
20	16QAM	1	0	17.54	17.63	17.51		
20	16QAM	1	49	17.56	17.49	17.57	18.5	0
20	16QAM	1	99	17.52	17.54	17.59		
20	16QAM	50	0	17.43	17.58	17.52		
20	16QAM	50	24	17.52	17.50	17.53	18.5	0
20	16QAM	50	50	17.58	17.46	17.62		
20	16QAM	100	0	17.56	17.55	17.54		
20	64QAM	1	0	17.51	17.53	17.53		
20	64QAM	1	49	17.57	17.60	17.48	18.5	0
20	64QAM	1	99	17.48	17.58	17.53		
20	64QAM	50	0	17.54	17.53	17.54		
20	64QAM	50	24	17.54	17.58	17.52	18.5	0
20	64QAM	50	50	17.59	17.46	17.58		
20	64QAM	100	0	17.50	17.64	17.52		
20	256QAM	1	0	17.50	17.60	17.13		
20	256QAM	1	49	17.42	17.49	17.51	18.5	0
20	256QAM	1	99	17.52	17.41	17.49		
20	256QAM	50	0	17.28	17.51	17.35		
20	256QAM	50	24	17.55	17.51	17.45	18.5	0
20	256QAM	50	50	17.42	17.43	17.43		
20	256QAM	100	0	17.44	17.38	17.44		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.56	17.65	17.15		
15	QPSK	1	37	17.40	17.49	17.45	18.5	0
15	QPSK	1	74	17.55	17.52	17.37		
15	QPSK	36	0	17.23	17.47	17.43		
15	QPSK	36	20	17.40	17.51	17.50	18.5	0
15	QPSK	36	39	17.53	17.42	17.50		
15	QPSK	75	0	17.33	17.46	17.33		
15	16QAM	1	0	17.34	17.58	17.48		
15	16QAM	1	37	17.55	17.49	17.42	18.5	0
15	16QAM	1	74	17.44	17.46	17.46		
15	16QAM	36	0	17.35	17.56	17.58		
15	16QAM	36	20	17.45	17.38	17.42	18.5	0
15	16QAM	36	39	17.49	17.31	17.55		
15	16QAM	75	0	17.38	17.42	17.48		
15	64QAM	1	0	17.37	17.35	17.45		
15	64QAM	1	37	17.45	17.55	17.33	18.5	0
15	64QAM	1	74	17.46	17.45	17.50		
15	64QAM	36	0	17.43	17.45	17.51		
15	64QAM	36	20	17.40	17.49	17.49	18.5	0
15	64QAM	36	39	17.50	17.41	17.51		
15	64QAM	75	0	17.42	17.58	17.50		
15	256QAM	1	0	17.53	17.65	17.09		
15	256QAM	1	37	17.46	17.57	17.51	18.5	0
15	256QAM	1	74	17.39	17.52	17.47		
15	256QAM	36	0	17.37	17.47	17.34		
15	256QAM	36	20	17.54	17.53	17.54	18.5	0
15	256QAM	36	39	17.40	17.58	17.44		
15	256QAM	75	0	17.36	17.48	17.37		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.55	17.21	17.21		
10	QPSK	1	25	17.35	17.56	17.57	18.5	0
10	QPSK	1	49	17.49	17.47	17.35		
10	QPSK	25	0	17.28	17.63	17.39		
10	QPSK	25	12	17.49	17.58	17.47	18.5	0
10	QPSK	25	25	17.36	17.43	17.37		
10	QPSK	50	0	17.47	17.34	17.45		
10	16QAM	1	0	17.48	17.51	17.38		
10	16QAM	1	25	17.37	17.34	17.44	18.5	0
10	16QAM	1	49	17.33	17.46	17.46		
10	16QAM	25	0	17.39	17.50	17.51		
10	16QAM	25	12	17.37	17.46	17.42	18.5	0
10	16QAM	25	25	17.53	17.30	17.47		
10	16QAM	50	0	17.44	17.43	17.35		
10	64QAM	1	0	17.42	17.41	17.52		
10	64QAM	1	25	17.44	17.47	17.44	18.5	0
10	64QAM	1	49	17.43	17.58	17.36		
10	64QAM	25	0	17.40	17.35	17.47		
10	64QAM	25	12	17.45	17.50	17.36	18.5	0
10	64QAM	25	25	17.59	17.44	17.44		
10	64QAM	50	0	17.44	17.50	17.47		
10	256QAM	1	0	17.58	17.59	17.23		
10	256QAM	1	25	17.41	17.51	17.59	18.5	0
10	256QAM	1	49	17.44	17.55	17.38		
10	256QAM	25	0	17.35	17.55	17.33		
10	256QAM	25	12	17.51	17.35	17.52	18.5	0
10	256QAM	25	25	17.34	17.35	17.43		
10	256QAM	50	0	17.33	17.45	17.31		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.49	17.56	17.06		
5	QPSK	1	12	17.41	17.46	17.56	18.5	0
5	QPSK	1	24	17.54	17.39	17.39		
5	QPSK	12	0	17.36	17.50	17.42		
5	QPSK	12	7	17.44	17.45	17.46	18.5	0
5	QPSK	12	13	17.43	17.38	17.42		
5	QPSK	25	0	17.30	17.37	17.40		
5	16QAM	1	0	17.52	17.48	17.43		
5	16QAM	1	12	17.51	17.51	17.51	18.5	0
5	16QAM	1	24	17.51	17.53	17.59		
5	16QAM	12	0	17.26	17.49	17.55		
5	16QAM	12	7	17.41	17.42	17.47	18.5	0
5	16QAM	12	13	17.51	17.40	17.44		
5	16QAM	25	0	17.40	17.37	17.35		
5	64QAM	1	0	17.31	17.40	17.48		
5	64QAM	1	12	17.52	17.56	17.42	18.5	0
5	64QAM	1	24	17.42	17.50	17.44		
5	64QAM	12	0	17.53	17.49	17.40		
5	64QAM	12	7	17.41	17.54	17.47	18.5	0
5	64QAM	12	13	17.40	17.32	17.43		
5	64QAM	25	0	17.38	17.45	17.47		
5	256QAM	1	0	17.48	17.58	17.09		
5	256QAM	1	12	17.46	17.51	17.51	18.5	0
5	256QAM	1	24	17.42	17.52	17.40		
5	256QAM	12	0	17.37	17.50	17.27		
5	256QAM	12	7	17.54	17.48	17.45	18.5	0
5	256QAM	12	13	17.35	17.37	17.46		
5	256QAM	25	0	17.40	17.45	17.45		
Channel				26040	26340	26690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.61	17.51	17.21		
3	QPSK	1	8	17.48	17.53	17.53	18.5	0
3	QPSK	1	14	17.46	17.51	17.52		
3	QPSK	8	0	17.23	17.50	17.27		
3	QPSK	8	4	17.42	17.49	17.39	18.5	0
3	QPSK	8	7	17.48	17.33	17.43		
3	QPSK	15	0	17.36	17.46	17.48		
3	16QAM	1	0	17.51	17.45	17.33		
3	16QAM	1	8	17.41	17.40	17.56	18.5	0
3	16QAM	1	14	17.50	17.51	17.49		
3	16QAM	8	0	17.30	17.48	17.58		
3	16QAM	8	4	17.43	17.30	17.42	18.5	0
3	16QAM	8	7	17.40	17.42	17.54		
3	16QAM	15	0	17.54	17.49	17.41		
3	64QAM	1	0	17.41	17.41	17.38		
3	64QAM	1	8	17.31	17.34	17.34	18.5	0
3	64QAM	1	14	17.31	17.42	17.37		
3	64QAM	8	0	17.50	17.46	17.36		
3	64QAM	8	4	17.46	17.47	17.50	18.5	0
3	64QAM	8	7	17.40	17.40	17.40		
3	64QAM	15	0	17.31	17.58	17.47		
3	256QAM	1	0	17.57	17.50	17.16		
3	256QAM	1	8	17.47	17.52	17.54	18.5	0
3	256QAM	1	14	17.36	17.40	17.40		
3	256QAM	8	0	17.36	17.57	17.38		
3	256QAM	8	4	17.48	17.44	17.43	18.5	0
3	256QAM	8	7	17.35	17.45	17.41		
3	256QAM	15	0	17.36	17.38	17.31		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.46	17.62	17.23		
1.4	QPSK	1	3	17.33	17.48	17.55	18.5	0
1.4	QPSK	1	5	17.44	17.41	17.34		
1.4	QPSK	3	0	17.38	17.57	17.28		
1.4	QPSK	3	1	17.48	17.58	17.51		
1.4	QPSK	3	3	17.52	17.34	17.37		
1.4	QPSK	6	0	17.40	17.58	17.46	18.5	0
1.4	16QAM	1	0	17.39	17.62	17.37		
1.4	16QAM	1	3	17.47	17.42	17.43		
1.4	16QAM	1	5	17.34	17.52	17.56	18.5	0
1.4	16QAM	3	0	17.41	17.49	17.51		
1.4	16QAM	3	1	17.35	17.44	17.37		
1.4	16QAM	3	3	17.56	17.43	17.52		
1.4	16QAM	6	0	17.49	17.39	17.53	18.5	0
1.4	64QAM	1	0	17.38	17.42	17.49		
1.4	64QAM	1	3	17.39	17.51	17.28		
1.4	64QAM	1	5	17.35	17.53	17.50	18.5	0
1.4	64QAM	3	0	17.51	17.37	17.37		
1.4	64QAM	3	1	17.46	17.57	17.42		
1.4	64QAM	3	3	17.43	17.28	17.51		
1.4	64QAM	6	0	17.48	17.50	17.42	18.5	0
1.4	256QAM	1	0	17.58	17.63	17.20		
1.4	256QAM	1	3	17.47	17.58	17.45		
1.4	256QAM	1	5	17.51	17.44	17.46	18.5	0
1.4	256QAM	3	0	17.31	17.49	17.34		
1.4	256QAM	3	1	17.48	17.49	17.50		
1.4	256QAM	3	3	17.37	17.48	17.41		
1.4	256QAM	6	0	17.44	17.36	17.40	18.5	0

Band 25 Ant 4 DSI2 sig path: 457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26500		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	17.70	17.75	17.31		
20	QPSK	1	49	17.59	17.71	17.67	18.5	0
20	QPSK	1	99	17.69	17.69	17.59		
20	QPSK	50	0	17.52	17.73	17.57		
20	QPSK	50	24	17.64	17.52	17.65	18.5	0
20	QPSK	50	50	17.58	17.52	17.56		
20	QPSK	100	0	17.63	17.69	17.59		
20	16QAM	1	0	17.63	17.72	17.63		
20	16QAM	1	49	17.72	17.60	17.63	18.5	0
20	16QAM	1	99	17.61	17.63	17.64		
20	16QAM	50	0	17.61	17.62	17.64		
20	16QAM	50	24	17.61	17.63	17.58	18.5	0
20	16QAM	50	50	17.62	17.57	17.72		
20	16QAM	100	0	17.70	17.64	17.59		
20	64QAM	1	0	17.63	17.66	17.60		
20	64QAM	1	49	17.64	17.66	17.57	18.5	0
20	64QAM	1	99	17.55	17.62	17.67		
20	64QAM	50	0	17.55	17.68	17.59		
20	64QAM	50	24	17.62	17.63	17.53	18.5	0
20	64QAM	50	50	17.62	17.56	17.59		
20	64QAM	100	0	17.63	17.65	17.57		
20	256QAM	1	0	17.68	17.71	17.28		
20	256QAM	1	49	17.50	17.56	17.49	18.5	0
20	256QAM	1	99	17.63	17.67	17.45		
20	256QAM	50	0	17.39	17.69	17.46		
20	256QAM	50	24	17.48	17.41	17.48	18.5	0
20	256QAM	50	50	17.41	17.47	17.44		
20	256QAM	100	0	17.58	17.52	17.42		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.63	17.67	17.30		
15	QPSK	1	37	17.57	17.65	17.12	18.5	0
15	QPSK	1	74	17.52	17.61	17.44		
15	QPSK	36	0	17.36	17.69	17.47		
15	QPSK	36	20	17.59	17.46	17.52	18.5	0
15	QPSK	36	39	17.63	17.46	17.37		
15	QPSK	75	0	17.52	17.54	17.46		
15	16QAM	1	0	17.51	17.61	17.58		
15	16QAM	1	37	17.64	17.53	17.56	18.5	0
15	16QAM	1	74	17.58	17.52	17.58		
15	16QAM	36	0	17.43	17.56	17.61		
15	16QAM	36	20	17.48	17.50	17.55	18.5	0
15	16QAM	36	39	17.58	17.54	17.55		
15	16QAM	75	0	17.43	17.59	17.47		
15	64QAM	1	0	17.57	17.63	17.55		
15	64QAM	1	37	17.60	17.54	17.44	18.5	0
15	64QAM	1	74	17.46	17.55	17.56		
15	64QAM	36	0	17.39	17.64	17.49		
15	64QAM	36	20	17.51	17.52	17.52	18.5	0
15	64QAM	36	39	17.51	17.39	17.55		
15	64QAM	75	0	17.56	17.57	17.47		
15	256QAM	1	0	17.65	17.65	17.29		
15	256QAM	1	37	17.47	17.57	17.51	18.5	0
15	256QAM	1	74	17.64	17.63	17.41		
15	256QAM	36	0	17.38	17.64	17.40		
15	256QAM	36	20	17.52	17.38	17.49	18.5	0
15	256QAM	36	39	17.45	17.46	17.46		
15	256QAM	75	0	17.53	17.60	17.48		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.52	17.72	17.22		
10	QPSK	1	25	17.49	17.70	17.59	18.5	0
10	QPSK	1	49	17.62	17.54	17.42		
10	QPSK	25	0	17.43	17.63	17.46		
10	QPSK	25	12	17.51	17.39	17.53	18.5	0
10	QPSK	25	25	17.50	17.48	17.46		
10	QPSK	50	0	17.44	17.50	17.55		
10	16QAM	1	0	17.54	17.68	17.63		
10	16QAM	1	25	17.62	17.41	17.62	18.5	0
10	16QAM	1	49	17.59	17.47	17.54		
10	16QAM	25	0	17.50	17.51	17.52		
10	16QAM	25	12	17.53	17.47	17.48	18.5	0
10	16QAM	25	25	17.47	17.47	17.58		
10	16QAM	50	0	17.70	17.49	17.58		
10	64QAM	1	0	17.47	17.62	17.52		
10	64QAM	1	25	17.57	17.48	17.45	18.5	0
10	64QAM	1	49	17.38	17.52	17.51		
10	64QAM	25	0	17.36	17.68	17.47		
10	64QAM	25	12	17.48	17.48	17.37	18.5	0
10	64QAM	25	25	17.52	17.46	17.58		
10	64QAM	50	0	17.50	17.65	17.56		
10	256QAM	1	0	17.61	17.61	17.27		
10	256QAM	1	25	17.45	17.56	17.52	18.5	0
10	256QAM	1	49	17.64	17.53	17.49		
10	256QAM	25	0	17.36	17.68	17.46		
10	256QAM	25	12	17.51	17.35	17.47	18.5	0
10	256QAM	25	25	17.41	17.46	17.45		
10	256QAM	50	0	17.50	17.59	17.54		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.52	17.69	17.27		
5	QPSK	1	12	17.43	17.68	17.65	18.5	0
5	QPSK	1	24	17.58	17.58	17.45		
5	QPSK	12	0	17.45	17.55	17.48		
5	QPSK	12	7	17.51	17.37	17.62	18.5	0
5	QPSK	12	13	17.57	17.40	17.46		
5	QPSK	25	0	17.50	17.66	17.55		
5	16QAM	1	0	17.55	17.72	17.49		
5	16QAM	1	12	17.60	17.48	17.60	18.5	0
5	16QAM	1	24	17.49	17.57	17.44		
5	16QAM	12	0	17.48	17.61	17.48		
5	16QAM	12	7	17.60	17.48	17.49	18.5	0
5	16QAM	12	13	17.53	17.37	17.53		
5	16QAM	25	0	17.67	17.48	17.40		
5	64QAM	1	0	17.62	17.51	17.41		
5	64QAM	1	12	17.61	17.65	17.50	18.5	0
5	64QAM	1	24	17.66	17.59	17.57		
5	64QAM	12	0	17.48	17.51	17.53		
5	64QAM	12	7	17.56	17.51	17.34	18.5	0
5	64QAM	12	13	17.55	17.55	17.59		
5	64QAM	25	0	17.50	17.59	17.54		
5	256QAM	1	0	17.67	17.67	17.14		
5	256QAM	1	12	17.42	17.63	17.57	18.5	0
5	256QAM	1	24	17.60	17.58	17.54		
5	256QAM	12	0	17.50	17.66	17.41		
5	256QAM	12	7	17.49	17.50	17.52	18.5	0
5	256QAM	12	13	17.47	17.38	17.39		
5	256QAM	25	0	17.50	17.56	17.54		
Channel				26040	26340	26690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.57	17.68	17.26		
3	QPSK	1	8	17.55	17.65	17.65	18.5	0
3	QPSK	1	14	17.49	17.63	17.47		
3	QPSK	8	0	17.47	17.54	17.55		
3	QPSK	8	4	17.60	17.52	17.52	18.5	0
3	QPSK	8	7	17.43	17.52	17.46		
3	QPSK	15	0	17.52	17.55	17.59		
3	16QAM	1	0	17.52	17.49	17.49		
3	16QAM	1	8	17.70	17.57	17.59	18.5	0
3	16QAM	1	14	17.55	17.47	17.61		
3	16QAM	8	0	17.46	17.59	17.63		
3	16QAM	8	4	17.48	17.47	17.40	18.5	0
3	16QAM	8	7	17.46	17.56	17.65		
3	16QAM	15	0	17.58	17.49	17.40		
3	64QAM	1	0	17.56	17.47	17.45		
3	64QAM	1	8	17.52	17.52	17.52	18.5	0
3	64QAM	1	14	17.42	17.58	17.52		
3	64QAM	8	0	17.54	17.62	17.52		
3	64QAM	8	4	17.57	17.46	17.47	18.5	0
3	64QAM	8	7	17.52	17.46	17.50		
3	64QAM	15	0	17.51	17.46	17.41		
3	256QAM	1	0	17.59	17.70	17.16		
3	256QAM	1	8	17.56	17.53	17.60	18.5	0
3	256QAM	1	14	17.56	17.55	17.56		
3	256QAM	8	0	17.48	17.55	17.52		
3	256QAM	8	4	17.57	17.40	17.53	18.5	0
3	256QAM	8	7	17.41	17.48	17.52		
3	256QAM	15	0	17.52	17.38	17.48		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.58	17.70	17.27		
1.4	QPSK	1	3	17.58	17.63	17.47	18.5	0
1.4	QPSK	1	5	17.60	17.62	17.57		
1.4	QPSK	3	0	17.40	17.63	17.44		
1.4	QPSK	3	1	17.57	17.44	17.51		
1.4	QPSK	3	3	17.52	17.45	17.43		
1.4	QPSK	6	0	17.60	17.50	17.39	18.5	0
1.4	16QAM	1	0	17.45	17.55	17.52		
1.4	16QAM	1	3	17.52	17.55	17.60	18.5	0
1.4	16QAM	1	5	17.55	17.62	17.60		
1.4	16QAM	3	0	17.46	17.45	17.62		
1.4	16QAM	3	1	17.48	17.58	17.38		
1.4	16QAM	3	3	17.51	17.47	17.65		
1.4	16QAM	6	0	17.64	17.59	17.43	18.5	0
1.4	64QAM	1	0	17.60	17.58	17.41		
1.4	64QAM	1	3	17.57	17.51	17.52		
1.4	64QAM	1	5	17.36	17.56	17.53	18.5	0
1.4	64QAM	3	0	17.48	17.62	17.59		
1.4	64QAM	3	1	17.57	17.42	17.50		
1.4	64QAM	3	3	17.55	17.40	17.40		
1.4	64QAM	6	0	17.61	17.52	17.37	18.5	0
1.4	256QAM	1	0	17.60	17.64	17.24		
1.4	256QAM	1	3	17.50	17.69	17.61		
1.4	256QAM	1	5	17.56	17.52	17.42	18.5	0
1.4	256QAM	3	0	17.35	17.69	17.40		
1.4	256QAM	3	1	17.57	17.40	17.55		
1.4	256QAM	3	3	17.52	17.44	17.51		
1.4	256QAM	6	0	17.52	17.58	17.53	18.5	0

Band 66 Ant 4 DSI2 sig path: 70

BW [MHz]	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	19.17	19.25	18.84		
20	QPSK	1	49	19.15	19.21	19.16	19.5	0
20	QPSK	1	99	19.11	19.14	19.15		
20	QPSK	50	0	19.11	19.22	19.14		
20	QPSK	50	24	19.12	19.12	19.16	19.5	0
20	QPSK	50	50	19.08	19.16	19.06		
20	QPSK	100	0	19.07	19.16	19.14		
20	16QAM	1	0	19.14	19.20	19.12		
20	16QAM	1	49	19.17	19.10	19.15	19.5	0

Reduced Power Mode for Other PA DSI2 ENDC

Band 2 Ant 0 DSI2 sig path：44

BW [MHz]	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	21.45	21.53	21.16	22.5	0
20	QPSK	1	49	21.34	21.48	21.13		
20	QPSK	1	99	21.47	21.44	21.10		
20	QPSK	50	0	20.43	20.51	20.07	21.5	1
20	QPSK	50	24	20.44	20.42	20.16		
20	QPSK	50	50	20.38	20.37	20.05		
20	QPSK	100	0	20.43	20.47	20.06		
20	16QAM	1	0	20.47	20.56	20.12	21.5	1
20	16QAM	1	49	20.46	20.46	20.07		
20	16QAM	1	99	20.54	20.48	20.11		
20	16QAM	50	0	19.53	19.54	19.18	20.5	2
20	16QAM	50	24	19.48	19.50	19.17		
20	16QAM	50	50	19.38	19.59	19.26		
20	16QAM	100	0	19.40	19.49	19.08		
20	64QAM	1	0	19.43	19.55	19.26	20.5	2
20	64QAM	1	49	19.52	19.42	19.21		
20	64QAM	1	99	19.44	19.59	19.18		
20	64QAM	50	0	18.58	18.52	18.13	19.5	3
20	64QAM	50	24	18.58	18.49	18.19		
20	64QAM	50	50	18.42	18.58	18.17		
20	64QAM	100	0	18.45	18.52	18.15		
20	256QAM	1	0	16.68	16.68	16.29	17.5	5
20	256QAM	1	49	16.48	16.65	16.40		
20	256QAM	1	99	16.54	16.64	16.20		
20	256QAM	50	0	16.75	16.72	16.52		
20	256QAM	50	24	16.55	16.67	16.27		
20	256QAM	50	50	16.63	16.70	16.31		
20	256QAM	100	0	16.52	16.69	16.20		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.48	21.49	21.18	22.5	0
15	QPSK	1	37	21.27	21.49	21.11		
15	QPSK	1	74	21.42	21.44	21.03		
15	QPSK	36	0	20.38	20.45	19.99	21.5	1
15	QPSK	36	20	20.41	20.45	20.21		
15	QPSK	36	39	20.38	20.36	20.03		
15	QPSK	75	0	20.42	20.39	20.08		
15	16QAM	1	0	20.45	20.58	20.11	21.5	1
15	16QAM	1	37	20.50	20.46	20.15		
15	16QAM	1	74	20.55	20.43	20.14		
15	16QAM	36	0	19.53	19.54	19.12	20.5	2
15	16QAM	36	20	19.50	19.49	19.21		
15	16QAM	36	39	19.35	19.56	19.26		
15	16QAM	75	0	19.33	19.52	19.05		
15	64QAM	1	0	19.35	19.49	19.22	20.5	2
15	64QAM	1	37	19.56	19.38	19.13		
15	64QAM	1	74	19.47	19.52	19.12		
15	64QAM	36	0	18.51	18.50	18.11	19.5	3
15	64QAM	36	20	18.58	18.45	18.21		
15	64QAM	36	39	18.45	18.57	18.19		
15	64QAM	75	0	18.41	18.51	18.14		
15	256QAM	1	0	16.68	16.67	16.30	17.5	5
15	256QAM	1	37	16.50	16.65	16.38		
15	256QAM	1	74	16.53	16.64	16.20		
15	256QAM	36	0	16.74	16.72	16.49		
15	256QAM	36	20	16.55	16.69	16.31		
15	256QAM	36	39	16.65	16.72	16.30		
15	256QAM	75	0	16.48	16.64	16.21		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.44	21.46	21.13	22.5	0
10	QPSK	1	25	21.31	21.47	21.11		
10	QPSK	1	49	21.44	21.44	21.02		
10	QPSK	25	0	20.41	20.52	20.10	21.5	1
10	QPSK	25	12	20.44	20.38	20.16		
10	QPSK	25	25	20.37	20.34	20.05		
10	QPSK	50	0	20.37	20.50	20.07		
10	16QAM	1	0	20.39	20.51	20.13	21.5	1
10	16QAM	1	25	20.40	20.40	20.09		
10	16QAM	1	49	20.54	20.48	20.07		
10	16QAM	25	0	19.55	19.53	19.14	20.5	2
10	16QAM	25	12	19.48	19.46	19.15		
10	16QAM	25	25	19.33	19.54	19.24		
10	16QAM	50	0	19.34	19.48	19.02		
10	64QAM	1	0	19.42	19.52	19.25	20.5	2
10	64QAM	1	25	19.51	19.42	19.21		
10	64QAM	1	49	19.36	19.60	19.14		
10	64QAM	25	0	18.46	18.48	18.19	19.5	3
10	64QAM	25	12	18.53	18.48	18.16		
10	64QAM	25	25	18.36	18.52	18.11		
10	64QAM	50	0	18.43	18.47	18.12		
10	256QAM	1	0	16.65	16.71	16.26	17.5	5
10	256QAM	1	25	16.51	16.58	16.43		
10	256QAM	1	49	16.57	16.64	16.25		
10	256QAM	25	0	16.78	16.66	16.55		
10	256QAM	25	12	16.59	16.60	16.34		
10	256QAM	25	25	16.65	16.65	16.33		
10	256QAM	50	0	16.45	16.67	16.23		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.46	21.49	21.09	22.5	0
5	QPSK	1	12	21.29	21.46	21.11		
5	QPSK	1	24	21.46	21.39	21.07		
5	QPSK	12	0	20.38	20.53	20.12	21.5	1
5	QPSK	12	7	20.42	20.44	20.18		
5	QPSK	12	13	20.32	20.35	20.07		
5	QPSK	25	0	20.41	20.42	20.06		
5	16QAM	1	0	20.45	20.51	20.09	21.5	1
5	16QAM	1	12	20.41	20.46	20.04		
5	16QAM	1	24	20.54	20.51	20.09		
5	16QAM	12	0	19.54	19.57	19.20	20.5	2
5	16QAM	12	7	19.41	19.45	19.21		
5	16QAM	12	13	19.33	19.51	19.25		
5	16QAM	25	0	19.43	19.42	19.10		
5	64QAM	1	0	19.40	19.53	19.21	20.5	2
5	64QAM	1	12	19.56	19.38	19.21		
5	64QAM	1	24	19.47	19.56	19.13		
5	64QAM	12	0	18.51	18.55	18.17	19.5	3
5	64QAM	12	7	18.61	18.55	18.11		
5	64QAM	12	13	18.39	18.50	18.18		
5	64QAM	25	0	18.46	18.53	18.09		
5	256QAM	1	0	16.65	16.69	16.31	17.5	5
5	256QAM	1	12	16.41	16.68	16.42		
5	256QAM	1	24	16.55	16.65	16.19		
5	256QAM	12	0	16.74	16.73	16.48	17.5	5
5	256QAM	12	7	16.51	16.71	16.24		
5	256QAM	12	13	16.65	16.67	16.34		
5	256QAM	25	0	16.66	16.66	16.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.44	21.50	21.10	22.5	0
3	QPSK	1	8	21.31	21.41	21.08		
3	QPSK	1	14	21.43	21.42	21.12		
3	QPSK	8	0	20.43	20.55	20.14	21.5	1
3	QPSK	8	4	20.46	20.44	20.19		
3	QPSK	8	7	20.38	20.40	20.05		
3	QPSK	15	0	20.41	20.49	20.03		
3	16QAM	1	0	20.43	20.57	20.20	21.5	1
3	16QAM	1	8	20.47	20.43	20.15		
3	16QAM	1	14	20.57	20.45	20.09		
3	16QAM	8	0	19.46	19.55	19.16	20.5	2
3	16QAM	8	4	19.50	19.45	19.15		
3	16QAM	8	7	19.31	19.53	19.22		
3	16QAM	15	0	19.42	19.49	19.10		
3	64QAM	1	0	19.40	19.52	19.23	20.5	2
3	64QAM	1	8	19.54	19.42	19.22		
3	64QAM	1	14	19.47	19.62	19.17		
3	64QAM	8	0	18.50	18.55	18.08	19.5	3
3	64QAM	8	4	18.52	18.47	18.19		
3	64QAM	8	7	18.41	18.58	18.11		
3	64QAM	15	0	18.47	18.50	18.16		
3	256QAM	1	0	16.65	16.62	16.30	17.5	5
3	256QAM	1	8	16.52	16.67	16.38		
3	256QAM	1	14	16.56	16.62	16.17		
3	256QAM	8	0	16.77	16.72	16.45	17.5	5
3	256QAM	8	4	16.49	16.59	16.31		
3	256QAM	8	7	16.62	16.72	16.27		
3	256QAM	15	0	16.46	16.64	16.20		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.42	21.45	21.11	22.5	0
1.4	QPSK	1	3	21.34	21.40	21.15		
1.4	QPSK	1	5	21.49	21.47	21.13		
1.4	QPSK	3	0	21.39	21.40	21.20		
1.4	QPSK	3	1	21.34	21.35	21.15		
1.4	QPSK	3	3	21.29	21.34	21.02		
1.4	QPSK	6	0	20.45	20.51	20.11	21.5	1
1.4	16QAM	1	0	20.47	20.41	20.18	21.5	1
1.4	16QAM	1	3	20.31	20.35	19.98		
1.4	16QAM	1	5	20.40	20.46	20.03		
1.4	16QAM	3	0	20.47	20.52	20.07		
1.4	16QAM	3	1	20.41	20.41	20.07		
1.4	16QAM	3	3	20.49	20.41	20.04		
1.4	16QAM	6	0	19.55	19.52	19.21	20.5	2
1.4	64QAM	1	0	19.44	19.45	19.11	20.5	2
1.4	64QAM	1	3	19.33	19.53	19.22		
1.4	64QAM	1	5	19.44	19.45	19.05		
1.4	64QAM	3	0	19.40	19.58	19.24		
1.4	64QAM	3	1	19.53	19.39	19.18		
1.4	64QAM	3	3	19.45	19.60	19.19		
1.4	64QAM	6	0	18.41	18.44	18.22	19.5	3
1.4	256QAM	1	0	16.66	16.69	16.27	17.5	5
1.4	256QAM	1	3	16.42	16.61	16.33		
1.4	256QAM	1	5	16.49	16.58	16.27		
1.4	256QAM	3	0	16.69	16.69	16.54		
1.4	256QAM	3	1	16.51	16.67	16.27		
1.4	256QAM	3	3	16.64	16.72	16.24		
1.4	256QAM	6	0	16.53	16.67	16.25	17.5	5

Band 2 Ant 0 DSI2 sig path：456

BW [MHz]	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	21.52	21.63	21.30	22.5	0
20	QPSK	1	49	21.42	21.59	21.17		
20	QPSK	1	99	21.56	21.52	21.25		
20	QPSK	50	0	20.57	20.61	20.18	21.5	1
20	QPSK	50	24	20.49	20.58	20.32		
20	QPSK	50	50	20.47	20.47	20.12		
20	QPSK	100	0	20.51	20.56	20.19		
20	16QAM	1	0	20.60	20.60	20.27	21.5	1
20	16QAM	1	49	20.52	20.56	20.21		
20	16QAM	1	99	20.65	20.57	20.21		
20	16QAM	50	0	19.68	19.63	19.29	20.5	2
20	16QAM	50	24	19.53	19.58	19.32		
20	16QAM	50	50	19.42	19.65	19.41		
20	16QAM	100	0	19.46	19.60	19.16		
20	64QAM	1	0	19.47	19.61	19.34	20.5	2
20	64QAM	1	49	19.61	19.51	19.27		
20	64QAM	1	99	19.56	19.72	19.22		
20	64QAM	50	0	18.65	18.62	18.22	19.5	3
20	64QAM	50	24	18.64	18.62	18.23		
20	64QAM	50	50	18.49	18.71	18.30		
20	64QAM	100	0	18.49	18.61	18.21		
20	256QAM	1	0	16.85	16.76	16.40	17.5	5
20	256QAM	1	49	16.55	16.70	16.51		
20	256QAM	1	99	16.60	16.77	16.38		
20	256QAM	50	0	16.81	16.78	16.64		
20	256QAM	50	24	16.66	16.76	16.33		
20	256QAM	50	50	16.77	16.81	16.45		
20	256QAM	100	0	16.63	16.80	16.34		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.44	21.56	21.15	22.5	0
15	QPSK	1	37	21.27	21.46	21.07		
15	QPSK	1	74	21.43	21.41	21.10		
15	QPSK	36	0	20.52	20.47	20.02	21.5	1
15	QPSK	36	20	20.46	20.49	20.26		
15	QPSK	36	39	20.36	20.40	20.03		
15	QPSK	75	0	20.37	20.49	20.14		
15	16QAM	1	0	20.47	20.49	20.20	21.5	1
15	16QAM	1	37	20.57	20.52	20.16		
15	16QAM	1	74	20.57	20.47	20.14		
15	16QAM	36	0	19.56	19.50	19.17	20.5	2
15	16QAM	36	20	19.42	19.48	19.19		
15	16QAM	36	39	19.29	19.51	19.28		
15	16QAM	75	0	19.39	19.51	19.11		
15	64QAM	1	0	19.40	19.56	19.28	20.5	2
15	64QAM	1	37	19.45	19.45	19.15		
15	64QAM	1	74	19.46	19.64	19.23		
15	64QAM	36	0	18.57	18.56	18.21	19.5	3
15	64QAM	36	20	18.54	18.55	18.20		
15	64QAM	36	39	18.39	18.63	18.16		
15	64QAM	75	0	18.45	18.50	18.06		
15	256QAM	1	0	16.67	16.71	16.28	17.5	5
15	256QAM	1	37	16.43	16.60	16.46		
15	256QAM	1	74	16.50	16.69	16.29		
15	256QAM	36	0	16.77	16.80	16.52		
15	256QAM	36	20	16.56	16.64	16.35		
15	256QAM	36	39	16.63	16.75	16.40		
15	256QAM	75	0	16.50	16.66	16.19		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.42	21.51	21.21	22.5	0
10	QPSK	1	25	21.35	21.54	21.13		
10	QPSK	1	49	21.41	21.43	21.09		
10	QPSK	25	0	20.49	20.52	20.05	21.5	1
10	QPSK	25	12	20.37	20.47	20.17		
10	QPSK	25	25	20.37	20.37	20.07		
10	QPSK	50	0	20.45	20.41	20.06		
10	16QAM	1	0	20.52	20.50	20.14	21.5	1
10	16QAM	1	25	20.37	20.49	20.15		
10	16QAM	1	49	20.58	20.45	20.17		
10	16QAM	25	0	19.56	19.54	19.13	20.5	2
10	16QAM	25	12	19.38	19.45	19.26		
10	16QAM	25	25	19.36	19.59	19.26		
10	16QAM	50	0	19.34	19.51	19.05		
10	64QAM	1	0	19.40	19.55	19.18	20.5	2
10	64QAM	1	25	19.50	19.41	19.15		
10	64QAM	1	49	19.48	19.57	19.17		
10	64QAM	25	0	18.53	18.53	18.11	19.5	3
10	64QAM	25	12	18.54	18.49	18.17		
10	64QAM	25	25	18.40	18.56	18.23		
10	64QAM	50	0	18.38	18.56	18.16		
10	256QAM	1	0	16.71	16.69	16.32	17.5	5
10	256QAM	1	25	16.47	16.58	16.39		
10	256QAM	1	49	16.47	16.63	16.27		
10	256QAM	25	0	16.75	16.67	16.54		
10	256QAM	25	12	16.58	16.58	16.28		
10	256QAM	25	25	16.71	16.70	16.29		
10	256QAM	50	0	16.56	16.68	16.23		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.45	21.49	21.19	22.5	0
5	QPSK	1	12	21.32	21.45	21.02		
5	QPSK	1	24	21.51	21.45	21.20		
5	QPSK	12	0	20.45	20.51	20.11	21.5	1
5	QPSK	12	7	20.45	20.53	20.26		
5	QPSK	12	13	20.37	20.34	20.07		
5	QPSK	25	0	20.42	20.43	20.08		
5	16QAM	1	0	20.51	20.53	20.15	21.5	1
5	16QAM	1	12	20.38	20.48	20.16		
5	16QAM	1	24	20.50	20.45	20.06		
5	16QAM	12	0	19.64	19.67	19.22	20.5	2
5	16QAM	12	7	19.38	19.52	19.23		
5	16QAM	12	13	19.29	19.56	19.33		
5	16QAM	25	0	19.35	19.47	19.08		
5	64QAM	1	0	19.33	19.50	19.20	20.5	2
5	64QAM	1	12	19.54	19.44	19.22		
5	64QAM	1	24	19.45	19.67	19.17		
5	64QAM	12	0	18.54	18.57	18.12	19.5	3
5	64QAM	12	7	18.53	18.51	18.10		
5	64QAM	12	13	18.43	18.59	18.20		
5	64QAM	25	0	18.36	18.51	18.16		
5	256QAM	1	0	16.67	16.65	16.30	17.5	5
5	256QAM	1	12	16.45	16.66	16.44		
5	256QAM	1	24	16.44	16.69	16.29		
5	256QAM	12	0	16.71	16.72	16.55	17.5	5
5	256QAM	12	7	16.55	16.59	16.31		
5	256QAM	12	13	16.72	16.71	16.29		
5	256QAM	25	0	16.51	16.69	16.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.46	21.54	21.23	22.5	0
3	QPSK	1	8	21.38	21.45	21.11		
3	QPSK	1	14	21.43	21.38	21.17		
3	QPSK	8	0	20.43	20.48	20.03	21.5	1
3	QPSK	8	4	20.44	20.51	20.24		
3	QPSK	8	7	20.33	20.39	20.04		
3	QPSK	15	0	20.39	20.51	20.14		
3	16QAM	1	0	20.51	20.47	20.17	21.5	1
3	16QAM	1	8	20.45	20.45	20.16		
3	16QAM	1	14	20.52	20.47	20.11		
3	16QAM	8	0	19.62	19.66	19.15	20.5	2
3	16QAM	8	4	19.47	19.46	19.27		
3	16QAM	8	7	19.27	19.52	19.37		
3	16QAM	15	0	19.38	19.49	19.09		
3	64QAM	1	0	19.40	19.52	19.21	20.5	2
3	64QAM	1	8	19.50	19.37	19.20		
3	64QAM	1	14	19.50	19.59	19.16		
3	64QAM	8	0	18.58	18.49	18.17	19.5	3
3	64QAM	8	4	18.51	18.46	18.16		
3	64QAM	8	7	18.35	18.60	18.16		
3	64QAM	15	0	18.42	18.54	18.10		
3	256QAM	1	0	16.71	16.68	16.27	17.5	5
3	256QAM	1	8	16.42	16.58	16.43		
3	256QAM	1	14	16.47	16.70	16.28		
3	256QAM	8	0	16.70	16.69	16.49	17.5	5
3	256QAM	8	4	16.59	16.58	16.28		
3	256QAM	8	7	16.70	16.32	16.32		
3	256QAM	15	0	16.51	16.73	16.29		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.47	21.52	21.26	22.5	0
1.4	QPSK	1	3	21.32	21.45	21.05		
1.4	QPSK	1	5	21.51	21.39	21.12		
1.4	QPSK	3	0	21.38	21.48	21.21		
1.4	QPSK	3	1	21.37	21.46	21.06		
1.4	QPSK	3	3	21.43	21.36	21.13		
1.4	QPSK	6	0	20.53	20.46	20.07	21.5	1
1.4	16QAM	1	0	20.37	20.50	20.20	21.5	1
1.4	16QAM	1	3	20.31	20.40	20.08		
1.4	16QAM	1	5	20.39	20.42	20.13		
1.4	16QAM	3	0	20.53	20.53	20.12		
1.4	16QAM	3	1	20.38	20.45	20.12		
1.4	16QAM	3	3	20.52	20.44	20.06		
1.4	16QAM	6	0	19.57	19.57	19.13	20.5	2
1.4	64QAM	1	0	19.42	19.49	19.25	20.5	2
1.4	64QAM	1	3	19.31	19.60	19.34		
1.4	64QAM	1	5	19.37	19.49	19.19		
1.4	64QAM	3	0	19.48	19.58	19.22		
1.4	64QAM	3	1	19.47	19.37	19.15		
1.4	64QAM	3	3	19.48	19.55	19.11		
1.4	64QAM	6	0	18.51	18.58	18.16	19.5	3
1.4	256QAM	1	0	16.75	16.70	16.26	17.5	5
1.4	256QAM	1	3	16.45	16.64	16.41		
1.4	256QAM	1	5	16.59	16.65	16.32		
1.4	256QAM	3	0	16.46	16.60	16.54		
1.4	256QAM	3	1	16.58	16.56	16.31		
1.4	256QAM	3	3	16.72	16.75	16.37		
1.4	256QAM	6	0	16.58	16.69	16.20	17.5	5

Band 4 Ant 0 DSI2 sig path：69

BW [MHz]	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	22.08	22.13	22.06	23	0
20	QPSK	1	49	21.95	22.12	21.95		
20	QPSK	1	99	22.01	22.12	21.96		
20	QPSK	50	0	21.01	21.15	20.98	22	1
20	QPSK	50	24	21.06	21.10	21.05		
20	QPSK	50	50	21.02	21.13	21.07		
20	QPSK	100	0	21.02	21.12	21.09		
20	16QAM	1	0	21.07	21.21	21.06	22	1
20	16QAM	1	49	21.10	21.07	21.03		
20	16QAM	1	99	21.13	21.08

Band 25 Ant 0 DSI2 sub path：45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.57	21.65	21.24	22.5	0
20	QPSK	1	49	21.39	21.58	21.17		
20	QPSK	1	99	21.62	21.50	21.19		
20	QPSK	50	0	20.58	20.65	20.23	21.5	1
20	QPSK	50	24	20.57	20.65	20.29		
20	QPSK	50	50	20.44	20.45	20.24		
20	QPSK	100	0	20.51	20.58	20.13		
20	16QAM	1	0	20.58	20.65	20.30		
20	16QAM	1	49	20.60	20.58	20.21	21.5	1
20	16QAM	1	99	20.61	20.63	20.26		
20	16QAM	50	0	19.65	19.70	19.22		
20	16QAM	50	24	19.55	19.65	19.32	20.5	2
20	16QAM	50	50	19.47	19.66	19.37		
20	16QAM	100	0	19.47	19.61	19.13		
20	64QAM	1	0	19.58	19.66	19.34		
20	64QAM	1	49	19.63	19.54	19.37	20.5	2
20	64QAM	1	99	19.56	19.70	19.28		
20	64QAM	50	0	18.69	18.73	18.29		
20	64QAM	50	24	18.73	18.58	18.30	19.5	3
20	64QAM	50	50	18.53	18.72	18.25		
20	64QAM	100	0	18.59	18.62	18.21		
20	256QAM	1	0	16.80	16.82	16.41		
20	256QAM	1	49	16.66	16.73	16.54	17.5	5
20	256QAM	1	99	16.61	16.74	16.37		
20	256QAM	50	0	16.79	16.80	16.68		
20	256QAM	50	24	16.59	16.81	16.31	17.5	5
20	256QAM	50	50	16.76	16.75	16.47		
20	256QAM	100	0	16.59	16.75	16.34		
Channel				26715	26340	25915	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.43	21.59	21.20	22.5	0
15	QPSK	1	37	21.28	21.53	21.11		
15	QPSK	1	74	21.49	21.37	21.19		
15	QPSK	36	0	20.42	20.55	20.09		
15	QPSK	36	20	20.46	20.40	20.17	21.5	1
15	QPSK	36	39	20.37	20.32	20.17		
15	QPSK	75	0	20.37	20.47	20.07		
15	16QAM	1	0	20.44	20.50	20.19		
15	16QAM	1	37	20.60	20.43	20.37	21.5	1
15	16QAM	1	74	20.48	20.49	20.15		
15	16QAM	36	0	19.51	19.65	19.18		
15	16QAM	36	20	19.50	19.55	19.23	20.5	2
15	16QAM	36	39	19.33	19.57	19.24		
15	16QAM	75	0	19.31	19.56	19.06		
15	64QAM	1	0	19.43	19.55	19.26		
15	64QAM	1	37	19.51	19.39	19.24	20.5	2
15	64QAM	1	74	19.43	19.54	19.14		
15	64QAM	36	0	18.60	18.46	18.28		
15	64QAM	36	20	18.62	18.43	18.35	19.5	3
15	64QAM	36	39	18.40	18.67	18.22		
15	64QAM	75	0	18.55	18.50	18.16		
15	256QAM	1	0	16.73	16.67	16.33		
15	256QAM	1	37	16.46	16.64	16.45	17.5	5
15	256QAM	1	74	16.48	16.64	16.32		
15	256QAM	36	0	16.68	16.68	16.59		
15	256QAM	36	20	16.43	16.68	16.24	17.5	5
15	256QAM	36	39	16.57	16.68	16.42		
15	256QAM	75	0	16.47	16.66	16.19		
Channel				26990	26340	26040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.42	21.53	21.24	22.5	0
10	QPSK	1	25	21.32	21.48	21.20		
10	QPSK	1	49	21.55	21.37	21.14		
10	QPSK	25	0	20.55	20.55	20.16	21.5	1
10	QPSK	25	12	20.51	20.49	20.18		
10	QPSK	25	25	20.32	20.33	20.15		
10	QPSK	50	0	20.36	20.53	20.09		
10	16QAM	1	0	20.50	20.57	20.23		
10	16QAM	1	25	20.47	20.51	20.08	21.5	1
10	16QAM	1	49	20.53	20.51	20.19		
10	16QAM	25	0	19.53	19.63	19.18		
10	16QAM	25	12	19.49	19.51	19.38	20.5	2
10	16QAM	25	25	19.42	19.52	19.39		
10	16QAM	50	0	19.32	19.53	19.09		
10	64QAM	1	0	19.53	19.51	19.29		
10	64QAM	1	25	19.49	19.38	19.23	20.5	2
10	64QAM	1	49	19.46	19.61	19.24		
10	64QAM	25	0	18.60	18.47	18.33		
10	64QAM	25	12	18.62	18.46	18.35	19.5	3
10	64QAM	25	25	18.48	18.63	18.21		
10	64QAM	50	0	18.52	18.58	18.11		
10	256QAM	1	0	16.69	16.68	16.32		
10	256QAM	1	25	16.47	16.58	16.42	17.5	5
10	256QAM	1	49	16.51	16.64	16.29		
10	256QAM	25	0	16.72	16.66	16.63		
10	256QAM	25	12	16.44	16.75	16.28	17.5	5
10	256QAM	25	25	16.54	16.63	16.43		
10	256QAM	50	0	16.47	16.66	16.26		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.41	21.55	21.27	22.5	0
5	QPSK	1	12	21.33	21.49	21.11		
5	QPSK	1	24	21.57	21.35	21.22		
5	QPSK	12	0	20.48	20.52	20.17		
5	QPSK	12	7	20.46	20.43	20.15	21.5	1
5	QPSK	12	13	20.37	20.32	20.18		
5	QPSK	25	0	20.36	20.46	19.97		
5	16QAM	1	0	20.49	20.52	20.14		
5	16QAM	1	12	20.49	20.52	20.11	21.5	1
5	16QAM	1	24	20.50	20.56	20.20		
5	16QAM	12	0	19.51	19.63	19.13		
5	16QAM	12	7	19.48	19.51	19.25	20.5	2
5	16QAM	12	13	19.41	19.53	19.23		
5	16QAM	25	0	19.32	19.51	19.06		
5	64QAM	1	0	19.53	19.41	19.29		
5	64QAM	1	12	19.57	19.42	19.36	20.5	2
5	64QAM	1	24	19.41	19.66	19.22		
5	64QAM	12	0	18.64	18.49	18.32		
5	64QAM	12	7	18.60	18.52	18.33	19.5	3
5	64QAM	12	13	18.39	18.56	18.21		
5	64QAM	25	0	18.50	18.54	18.12		
5	256QAM	1	0	16.64	16.77	16.31		
5	256QAM	1	12	16.47	16.67	16.43	17.5	5
5	256QAM	1	24	16.49	16.60	16.33		
5	256QAM	12	0	16.68	16.66	16.56		
5	256QAM	12	7	16.45	16.71	16.24	17.5	5
5	256QAM	12	13	16.55	16.63	16.41		
5	256QAM	25	0	16.45	16.64	16.30		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.51	21.56	21.26	22.5	0
3	QPSK	1	8	21.36	21.51	21.15		
3	QPSK	1	14	21.46	21.39	21.22		
3	QPSK	8	0	20.42	20.51	20.16		
3	QPSK	8	4	20.46	20.50	20.20	21.5	1
3	QPSK	8	7	20.36	20.46	20.14		
3	QPSK	15	0	20.42	20.48	20.04		
3	16QAM	1	0	20.43	20.51	20.20		
3	16QAM	1	8	20.50	20.46	20.12	21.5	1
3	16QAM	1	14	20.46	20.57	20.19		
3	16QAM	8	0	19.51	19.65	19.18		
3	16QAM	8	4	19.49	19.53	19.27	20.5	2
3	16QAM	8	7	19.35	19.51	19.38		
3	16QAM	15	0	19.36	19.50	19.09		
3	64QAM	1	0	19.52	19.41	19.29		
3	64QAM	1	8	19.56	19.38	19.23	20.5	2
3	64QAM	1	14	19.43	19.63	19.20		
3	64QAM	8	0	18.54	18.52	18.27		
3	64QAM	8	4	18.68	18.53	18.34	19.5	3
3	64QAM	8	7	18.40	18.66	18.25		
3	64QAM	15	0	18.54	18.52	18.06		
3	256QAM	1	0	16.71	16.77	16.36		
3	256QAM	1	8	16.44	16.66	16.55	17.5	5
3	256QAM	1	14	16.46	16.68	16.35		
3	256QAM	8	0	16.74	16.65	16.63		
3	256QAM	8	4	16.48	16.70	16.28	17.5	5
3	256QAM	8	7	16.64	16.66	16.50		
3	256QAM	15	0	16.51	16.67	16.24		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.52	21.55	21.24	22.5	0
1.4	QPSK	1	3	21.24	21.45	21.11		
1.4	QPSK	1	5	21.57	21.38	21.15		
1.4	QPSK	3	0	21.50	21.52	21.12		
1.4	QPSK	3	1	21.31	21.50	21.10		
1.4	QPSK	3	3	21.57	21.40	21.07		
1.4	QPSK	6	0	20.52	20.49	20.12	21.5	1
1.4	16QAM	1	0	20.52	20.49	20.15		
1.4	16QAM	1	3	20.29	20.40	20.11		
1.4	16QAM	1	5	20.37	20.54	20.08	21.5	1
1.4	16QAM	3	0	20.48	20.61	20.18		
1.4	16QAM	3	1	20.45	20.51	20.13		
1.4	16QAM	3	3	20.51	20.49	20.21		
1.4	16QAM	6	0	19.59	19.66	19.16	20.5	2
1.4	64QAM	1	0	19.42	19.56	19.26		
1.4	64QAM	1	3	19.40	19.52	19.39		
1.4	64QAM	1	5	19.39	19.55	19.15	20.5	2
1.4	64QAM	3	0	19.53	19.56	19.23		
1.4	64QAM	3	1	19.48	19.49	19.27		
1.4	64QAM	3	3	19.51	19.57	19.20		
1.4	64QAM	6	0	18.46	18.51	18.13	19.5	3
1.4	256QAM	1	0	16.68	16.76	16.36		
1.4	256QAM	1	3	16.49	16.64	16.54		
1.4	256QAM	1	5	16.49	16.65	16.35	17.5	5
1.4	256QAM	3	0	16.70	16.65	16.64		
1.4	256QAM	3	1	16.44	16.74	16.28		
1.4	256QAM	3	3	16.55	16.62	16.50		
1.4	256QAM	6	0	16.48	16.65	16.28	17.5	5

Band 25 Ant 0 DSI2 sub path：457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.61	21.69	21.27	22.5	0
20	QPSK	1	49	21.39	21.65	21.26		
20	QPSK	1	99	21.62	21.53	21.29		
20	QPSK	50	0	20.61	20.74	20.30	21.5	1
20	QPSK	50	24	20.63	20.68	20.36		
20	QPSK	50	50	20.48	20.51	20.35		
20	QPSK	100	0	20.53	20.61	20.12		
20	16QAM	1	0	20.65	20.75	20.34		
20	16QAM	1	49	20.66	20.57	20.25	21.5	1
20	16QAM	1	99	20.64	20.68	20.35		
20	16QAM	50	0	19.69	19.74	19.24		
20	16QAM	50	24	19.59	19.71	19.40	20.5	2
20	16QAM	50	50	19.56	19.71	19.37		
20	16QAM	100	0	19.49	19.60	19.14		
20	64QAM	1	0	19.59	19.77	19.33		
20	64QAM	1	49	19.66	19.56	19.46	20.5	2
20	64QAM	1	99	19.66	19.78	19.32		
20	64QAM	50	0	18.69	18.74	18.33		
20	64QAM	50	24	18.72	18.60	18.34	19.5	3
20	64QAM	50	50	18.64	18.71	18.33		
20	64QAM	100	0	18.61	18.66	18.27		
20	256QAM	1	0	16.87	16.85	16.49		
20	256QAM	1	49	16.65	16.72	16.61	17.5	5
20	256QAM	1	99	16.71	16.82	16.37		
20	256QAM	50	0	16.85	16.89	16.70		
20	256QAM	50	24	16.69	16.86	16.40	17.5	5
20	256QAM	50	50	16.73	16.81	16.48		
20	256QAM	100	0	16.64	16.81	16.43		
Channel				26715	26340	25915	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.53	21.56	21.14	22.5	0
15	QPSK	1	37	21.25	21.51	21.21		
15	QPSK	1	74	21.51	21.41	21.17		
15	QPSK	36	0	20.54	20.62	20.18		
15	QPSK	36	20	20.49	20.42	20.26	21.5	1
15	QPSK	36	39	20.42	20.44	20.26		
15	QPSK	75	0	20.42	20.48	20.05		
15	16QAM	1	0	20.58	20.60	20.31		
15	16QAM	1	37	20.57	20.52	20.36	21.5	1
15	16QAM	1	74	20.52	20.55	20.37		
15	16QAM	36	0	19.63	19.65	19.24		
15	16QAM	36	20	19.49	19.64	19.38	20.5	2
15	16QAM	36	39	19.47	19.63	19.38		
15	16QAM	75	0	19.38	19.49	19.09		
15	64QAM	1	0	19.51	19.69	19.19		
15	64QAM	1	37	19.55	19.52	19.37	20.5	2
15	64QAM	1	74	19.60	19.64	19.27		
15	64QAM	36	0	18.69	18.57	18.34		
15	64QAM	36	20	18.63	18.51	18.33	19.5	3
15	64QAM	36	39	18.53	18.67	18.28		
15	64QAM	75	0	18.55	18.56	18.16		
15	256QAM	1	0	16.72	16.73	16.44		
15	256QAM	1	37	16.55	16.67	16.46	17.5	5
15	256QAM	1	74	16.63	16.76	16.30		
15	256QAM	36	0	16.76	16.76	16.59		
15	256QAM	36	20	16.59	16.70	16.31	17.5	5
15	256QAM	36	39	16.61	16.71	16.41		
15	256QAM	75	0	16.51	16.76	16.28		
Channel				26990	26340	26040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.50	21.55	21.19	22.5	0
10	QPSK	1	25	21.24	21.52	21.22		
10	QPSK	1	49	21.55	21.40	21.18		
10	QPSK	25	0	20.50	20.68	20.23	21.5	1
10	QPSK	25	12	20.52	20.43	20.30		
10	QPSK	25	25	20.44	20.47	20.25		
10	QPSK	50	0	20.42	20.56	20.07		
10	16QAM	1	0	20.48	20.68	20.27		
10	16QAM	1	25	20.54	20.46	20.21	21.5	1
10	16QAM	1	49	20.53	20.57	20.33		
10	16QAM	25	0	19.64	19.68	19.25		
10	16QAM	25	12	19.46	19.61	19.43	20.5	2
10	16QAM	25	25	19.46	19.63	19.42		
10	16QAM	50	0	19.45	19.47	19.08		
10	64QAM	1	0	19.53	19.65	19.27		
10	64QAM	1	25	19.49	19.56	19.41	20.5	2
10	64QAM	1	49	19.60	19.65	19.16		
10	64QAM	25	0	18.62	18.52	18.23		
10	64QAM	25	12	18.56	18.47	18.22	19.5	3
10	64QAM	25	25	18.56	18.63	18.19		
10	64QAM	50	0	18.45	18.55	18.13		
10	256QAM	1	0	16.80	16.76	16.54		
10	256QAM	1	25	16.53	16.64	16.65	17.5	5
10	256QAM	1	49	16.64	16.74	16.32		
10	256QAM	25	0	16.74	16.74	16.59		
10	256QAM	25	12	16.55	16.75	16.28	17.5	5
10	256QAM	25	25	16.64	16.76	16.41		
10	256QAM	50	0	16.48	16.73	16.31		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.54	21.63	21.16	22.5	0
5	QPSK	1	12	21.29	21.52	21.18		
5	QPSK	1	24	21.52	21.45	21.20		
5	QPSK	12	0	20.51	20.69	20.24		
5	QPSK	12	7	20.51	20.42	20.33	21.5	1
5	QPSK	12	13	20.43	20.38	20.20		
5	QPSK	25	0	20.38	20.46	20.07		
5	16QAM	1	0	20.53	20.70	20.30		
5	16QAM	1	12	20.52	20.51	20.27	21.5	1
5	16QAM	1	24	20.57	20.61	20.36		
5	16QAM	12	0	19.54	19.65	19.21		
5	16QAM	12	7	19.45	19.57	19.46	20.5	2
5	16QAM	12	13	19.40	19.57	19.33		
5	16QAM	25	0	19.38	19.45	19.09		
5	64QAM	1	0	19.64	19.64	19.26		
5	64QAM	1	12	19.62	19.41	19.30	20.5	2
5	64QAM	1	24	19.61	19.68	19.21		
5	64QAM	12	0	18.69	18.57	18.27		
5	64QAM	12	7	18.62	18.58	18.37	19.5	3
5	64QAM	12	13	18.52	18.66	18.21		
5	64QAM	25	0	18.55	18.60	18.18		
5	256QAM	1	0	16.80	16.76	16.44		
5	256QAM	1	12	16.62	16.65	16.67	17.5	5
5	256QAM	1	24	16.59	16.67	16.36		
5	256QAM	12	0	16.81	16.82	16.75		
5	256QAM	12	7	16.60	16.79	16.36	17.5	5
5	256QAM	12	13	16.67	16.75	16.49		
5	256QAM	25	0	16.51	16.76	16.28		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.53	21.61	21.21	22.5	0
3	QPSK	1	8	21.33	21.50	21.18		
3	QPSK	1	14	21.53	21.37	21.23		
3	QPSK	8	0	20.47	20.68	20.20		
3	QPSK	8	4	20.58	20.45	20.31	21.5	1
3	QPSK	8	7	20.43	20.41	20.20		
3	QPSK	15	0	20.37	20.55	20.14		
3	16QAM	1	0	20.54	20.67	20.21		
3	16QAM	1	8	20.48	20.46	20.17	21.5	1
3	16QAM	1	14	20.60	20.58	20.25		
3	16QAM	8	0	19.58	19.73	19.24		
3	16QAM	8	4	19.48	19.63	19.41	20.5	2
3	16QAM	8	7	19.47	19.66	19.40		
3	16QAM	15	0	19.39	19.56	19.13		
3	64QAM	1	0	19.51	19.73	19.30		
3	64QAM	1	8	19.61	19.45	19.41	20.5	2
3	64QAM	1	14	19.60	19.62	19.31		
3	64QAM	8	0	18.61	18.61	18.20		
3	64QAM	8	4	18.67	18.51	18.28	19.5	3
3	64QAM	8	7	18.56	18.65	18.22		
3	64QAM	15	0	18.51	18.61	18.20		
3	256QAM	1	0	16.77	16.76	16.40		
3	256QAM	1	8	16.58	16.74	16.53	17.5	5
3	256QAM	1	14	16.64	16.77	16.31		
3	256QAM	8	0	16.72	16.83	16.68		
3	256QAM	8	4	16.63	16.75	16.38	17.5	5
3	256QAM	8	7	16.63	16.74	16.47		
3	256QAM	15	0	16.58	16.65	16.31		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.47	21.59	21.23	22.5	0
1.4	QPSK	1	3	21.25	21.57	21.21		
1.4	QPSK	1	5	21.57	21.42	21.16		
1.4	QPSK	3	0	21.48	21.56	21.15		
1.4	QPSK	3	1	21.26	21.53	21.21		
1.4	QPSK	3	3	21.49	21.39	21.20		
1.4	QPSK	6	0	20.46	20.60	20.22	21.5	1
1.4	16QAM	1	0	20.52	20.42	20.32		
1.4	16QAM	1	3	20.34	20.38	20.35		
1.4	16QAM	1	5	20.40	20.55	20.12	21.5	1
1.4	16QAM	3	0	20.51	20.65	20.28		
1.4	16QAM	3	1	20.52	20.46	20.17		
1.4	16QAM	3	3	20.58	20.61	20.29		
1.4	16QAM	6	0	19.65	19.70	19.28	20.5	2
1.4	64QAM	1	0	19.44	19.65	19.51		
1.4	64QAM	1	3	19.42	19.58	19.42		
1.4	64QAM	1	5	19.36	19.55	19.19	20.5	2
1.4	64QAM	3	0	19.48	19.65	19.26		
1.4	64QAM	3	1	19.51	19.50	19.34		
1.4	64QAM	3	3	19.57	19.73	19.27		
1.4	64QAM	6	0	18.60	18.61	18.26	19.5	3
1.4	256QAM	1	0	16.73	16.73	16.42		
1.4	256QAM	1	3	16.54	16.66	16.51		
1.4	256QAM	1	5	16.66	16.72	16.29	17.5	5
1.4	256QAM	3	0	16.80	16.74	16.74		
1.4	256QAM	3	1	16.62	16.78	16.34		
1.4	256QAM	3	3	16.63	16.72	16.54		
1.4	256QAM	6	0	16.54	16.75	16.29	17.5	5

Band 66 Ant 0 DSI2 sub path：70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				131972	132322	132672		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.00	22.15	21.80	23	0
20	QPSK	1	49	21.93	22.10	21.81		
20	QPSK	1	99	22.12	22.06	21.78		
20	QPSK	50	0	21.13	21.23	20.78	22	1
20	QPSK	50	24	21.16	21.08	20.85		
20	QPSK	50	50	20.93	21.02	20.90		
20	QPSK	100	0	21.01	21.15	20.67		
20	16QAM	1	0	21.13	21.27	20.84		
20	16QAM	1	49	21.17	21.15	20.81	22	1
20	16QA

Band 2 Ant 4 DSI2 sig path：44

BW [MHz]	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	15.35	15.54	15.42	16	0
20	QPSK	1	49	15.37	15.43	15.31		
20	QPSK	1	99	15.30	15.38	15.32		
20	QPSK	50	0	15.39	15.45	15.36		
20	QPSK	50	24	15.29	15.41	15.32		
20	QPSK	50	50	15.36	15.32	15.36		
20	QPSK	100	0	15.39	15.42	15.34		
20	16QAM	1	0	15.40	15.29	15.40		
20	16QAM	1	49	15.43	15.38	15.36		
20	16QAM	1	99	15.26	15.41	15.32		
20	16QAM	50	0	15.37	15.26	15.31		
20	16QAM	50	24	15.37	15.34	15.33		
20	16QAM	50	50	15.41	15.34	15.29		
20	16QAM	100	0	15.42	15.42	15.35		
20	64QAM	1	0	15.39	15.40	15.26		
20	64QAM	1	49	15.29	15.39	15.33		
20	64QAM	1	99	15.30	15.33	15.42		
20	64QAM	50	0	15.35	15.38	15.30		
20	64QAM	50	24	15.33	15.36	15.38		
20	64QAM	50	50	15.33	15.41	15.29		
20	64QAM	100	0	15.36	15.34	15.33		
20	256QAM	1	0	15.24	15.42	15.30		
20	256QAM	1	49	15.29	15.36	15.24		
20	256QAM	1	99	15.25	15.21	15.09		
20	256QAM	50	0	15.35	15.28	15.20		
20	256QAM	50	24	15.21	15.28	15.19		
20	256QAM	50	50	15.15	15.18	15.26		
20	256QAM	100	0	15.22	15.27	15.11		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.22	15.37	15.31	16	0
15	QPSK	1	37	15.39	15.26	15.31		
15	QPSK	1	74	15.03	15.15	15.19		
15	QPSK	36	0	15.24	15.34	15.21		
15	QPSK	36	20	15.29	15.14	15.19		
15	QPSK	36	39	15.17	15.23	15.27		
15	QPSK	75	0	15.29	15.21	15.17		
15	16QAM	1	0	15.43	15.32	15.30		
15	16QAM	1	37	15.19	15.29	15.10		
15	16QAM	1	74	15.16	15.36	15.25		
15	16QAM	36	0	15.19	15.18	15.22		
15	16QAM	36	20	15.13	15.26	15.33		
15	16QAM	36	39	15.25	15.20	15.27		
15	16QAM	75	0	15.22	15.37	15.25		
15	64QAM	1	0	15.30	15.35	15.29		
15	64QAM	1	37	15.26	15.23	15.19		
15	64QAM	1	74	15.22	15.33	15.22		
15	64QAM	36	0	15.24	15.14	15.15		
15	64QAM	36	20	15.26	15.13	15.28		
15	64QAM	36	39	15.23	15.24	15.24		
15	64QAM	75	0	15.27	15.33	15.25		
15	256QAM	1	0	15.28	15.37	15.25		
15	256QAM	1	37	15.25	15.40	15.24		
15	256QAM	1	74	15.23	15.25	15.10		
15	256QAM	36	0	15.17	15.24	15.34		
15	256QAM	36	20	15.11	15.26	15.18		
15	256QAM	36	39	15.18	15.25	15.23		
15	256QAM	75	0	15.26	15.26	15.19		
Channel				18650	18900	19150		
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.19	15.28	15.24	16	0
10	QPSK	1	25	15.25	15.43	15.21		
10	QPSK	1	49	15.24	15.31	15.19		
10	QPSK	25	0	15.30	15.22	15.28		
10	QPSK	25	12	15.14	15.34	15.34		
10	QPSK	25	25	15.30	15.32	15.26		
10	QPSK	50	0	15.27	15.35	15.14		
10	16QAM	1	0	15.36	15.29	15.34		
10	16QAM	1	25	15.33	15.26	15.39		
10	16QAM	1	49	15.26	15.28	15.29		
10	16QAM	25	0	15.13	15.29	15.23		
10	16QAM	25	12	15.21	15.21	15.21		
10	16QAM	25	25	15.21	15.27	15.36		
10	16QAM	50	0	15.28	15.23	15.24		
10	64QAM	1	0	15.30	15.29	15.19		
10	64QAM	1	25	15.26	15.25	15.18	16	0
10	64QAM	1	49	15.23	15.34	15.13		
10	64QAM	25	0	15.23	15.34	15.16		
10	64QAM	25	12	15.27	15.12	15.31		
10	64QAM	25	25	15.11	15.28	15.33		
10	64QAM	50	0	15.22	15.24	15.20		
10	256QAM	1	0	15.26	15.27	15.36		
10	256QAM	1	25	15.21	15.25	15.24	16	0
10	256QAM	1	49	15.16	15.18	15.20		
10	256QAM	25	0	15.20	15.29	15.23		
10	256QAM	25	12	15.21	15.20	15.28		
10	256QAM	25	25	15.22	15.27	15.18		
10	256QAM	50	0	15.14	15.26	15.26		
Channel				18625	18900	19175		
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.27	15.37	15.41	16	0
5	QPSK	1	12	15.27	15.41	15.16		
5	QPSK	1	24	15.17	15.29	15.17		
5	QPSK	12	0	15.38	15.37	15.24		
5	QPSK	12	7	15.21	15.22	15.09		
5	QPSK	12	13	15.35	15.38	15.20		
5	QPSK	25	0	15.22	15.26	15.13		
5	16QAM	1	0	15.33	15.25	15.23		
5	16QAM	1	12	15.23	15.12	15.17	16	0
5	16QAM	1	24	15.28	15.23	15.28		
5	16QAM	12	0	15.29	15.21	15.12		
5	16QAM	12	7	15.31	15.24	15.45		
5	16QAM	12	13	15.38	15.35	15.28		
5	16QAM	25	0	15.19	15.25	15.22		
5	64QAM	1	0	15.23	15.21	15.26	16	0
5	64QAM	1	12	15.28	15.20	15.17		
5	64QAM	1	24	15.28	15.25	15.17		
5	64QAM	12	0	15.25	15.18	15.33		
5	64QAM	12	7	15.34	15.24	15.27		
5	64QAM	12	13	15.28	15.18	15.25		
5	64QAM	25	0	15.26	15.25	15.36		
5	256QAM	1	0	15.23	15.34	15.34		
5	256QAM	1	12	15.28	15.33	15.11	16	0
5	256QAM	1	24	15.16	15.17	15.24		
5	256QAM	12	0	15.21	15.33	15.33		
5	256QAM	12	7	15.17	15.21	15.17	16	0
5	256QAM	12	13	15.21	15.31	15.30		
5	256QAM	25	0	15.32	15.32	15.34		
Channel				18615	18900	19185		
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.23	15.43	15.39	16	0
3	QPSK	1	8	15.29	15.34	15.15		
3	QPSK	1	14	15.26	15.29	15.17		
3	QPSK	8	0	15.36	15.38	15.33		
3	QPSK	8	4	15.11	15.23	15.16		
3	QPSK	8	7	15.14	15.25	15.25		
3	QPSK	15	0	15.19	15.38	15.12		
3	16QAM	1	0	15.32	15.30	15.32		
3	16QAM	1	8	15.34	15.33	15.40	16	0
3	16QAM	1	14	15.21	15.39	15.12		
3	16QAM	8	0	15.16	15.18	15.17		
3	16QAM	8	4	15.32	15.29	15.14		
3	16QAM	8	7	15.29	15.27	15.33		
3	16QAM	15	0	15.30	15.22	15.35		
3	64QAM	1	0	15.15	15.33	15.19		
3	64QAM	1	8	15.13	15.22	15.27	16	0
3	64QAM	1	14	15.23	15.34	15.19		
3	64QAM	8	0	15.33	15.37	15.10		
3	64QAM	8	4	15.33	15.05	15.19	16	0
3	64QAM	8	7	15.09	15.32	15.20		
3	64QAM	15	0	15.12	15.32	15.20		
3	256QAM	1	0	15.28	15.45	15.40	16	0
3	256QAM	1	8	15.21	15.37	15.17		
3	256QAM	1	14	15.21	15.21	15.18		
3	256QAM	8	0	15.21	15.29	15.40		
3	256QAM	8	4	15.21	15.25	15.32		
3	256QAM	8	7	15.22	15.28	15.32		
3	256QAM	15	0	15.30	15.36	15.17		
Channel				18607	18900	19193		
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.29	15.26	15.37	16	0
1.4	QPSK	1	3	15.21	15.36	15.28		
1.4	QPSK	1	5	15.18	15.31	15.14		
1.4	QPSK	3	0	15.30	15.31	15.26		
1.4	QPSK	3	1	15.14	15.21	15.17		
1.4	QPSK	3	3	15.14	15.27	15.28		
1.4	QPSK	6	0	15.32	15.30	15.09		
1.4	16QAM	1	0	15.35	15.13	15.27	16	0
1.4	16QAM	1	3	15.21	15.28	15.27		
1.4	16QAM	1	5	15.14	15.37	15.32		
1.4	16QAM	3	0	15.33	15.13	15.33		
1.4	16QAM	3	1	15.30	15.12	15.32		
1.4	16QAM	3	3	15.35	15.29	15.19		
1.4	16QAM	6	0	15.36	15.39	15.16		
1.4	64QAM	1	0	15.32	15.21	15.19	16	0
1.4	64QAM	1	3	15.17	15.37	15.36		
1.4	64QAM	1	5	15.16	15.21	15.18		
1.4	64QAM	3	0	15.20	15.27	15.28		
1.4	64QAM	3	1	15.28	15.15	15.25		
1.4	64QAM	3	3	15.14	15.25	15.17		
1.4	64QAM	6	0	15.16	15.29	15.21		
1.4	256QAM	1	0	15.27	15.30	15.35	16	0
1.4	256QAM	1	3	15.29	15.25	15.23		
1.4	256QAM	1	5	15.06	15.14	15.16		
1.4	256QAM	3	0	15.21	15.27	15.36		
1.4	256QAM	3	1	15.27	15.27	15.23		
1.4	256QAM	3	3	15.24	15.29	15.21		
1.4	256QAM	6	0	15.22	15.31	15.14		

Band 2 Ant 4 DSI2 sig path：456

BW [MHz]	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	15.37	15.42	15.03	16	0
20	QPSK	1	49	15.18	15.38	15.21		
20	QPSK	1	99	15.10	15.30	15.14		
20	QPSK	50	0	15.30	15.39	15.19		
20	QPSK	50	24	15.16	15.30	15.29		
20	QPSK	50	50	15.20	15.29	15.29		
20	QPSK	100	0	15.28	15.32	15.23		
20	16QAM	1	0	15.32	15.14	15.28		
20	16QAM	1	49	15.28	15.29	15.33		
20	16QAM	1	99	15.18	15.26	15.27		
20	16QAM	50	0	15.19	15.27	15.27		
20	16QAM	50	24	15.29	15.27	15.27		
20	16QAM	50	50	15.36	15.35	15.19		
20	16QAM	100	0	15.31	15.37	15.28		
20	64QAM	1	0	15.21	15.34	15.12		
20	64QAM	1	49	15.21	15.26	15.13		
20	64QAM	1	99	15.25	15.27	15.22		
20	64QAM	50	0	15.30	15.27	15.28		
20	64QAM	50	24	15.31	15.18	15.14		
20	64QAM	50	50	15.16	15.26	15.23		
20	64QAM	100	0	15.28	15.31	15.18		
20	256QAM	1	0	15.28	15.31	15.03		
20	256QAM	1	49	15.01	15.24	15.05		
20	256QAM	1	99	15.05	15.22	15.05		
20	256QAM	50	0	15.12	15.25	15.12		
20	256QAM	50	24	15.08	15.23	15.06		
20	256QAM	50	50	15.18	15.29	15.30		
20	256QAM	100	0	15.16	15.20	15.23		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.13	15.32	15.04	16	0
15	QPSK	1	37	15.22	15.24	15.03		
15	QPSK	1	74	15.17	15.16	15.19		
15	QPSK	36	0	15.20	15.33	15.19		
15	QPSK	36	20	15.15	15.24	15.09		
15	QPSK	36	39	15.26	15.32	15.13		
15	QPSK	75	0	15.30	15.16	15.18		
15	16QAM	1	0	15.23	15.04	15.11		
15	16QAM	1	37	15.32	15.21	15.16		
15	16QAM	1	74	15.03	15.15	15.16		
15	16QAM	36	0	15.14	15.09	15.20		
15	16QAM	36	20	15.26	15.08	15.18		
15	16QAM	36	39	15.16	15.22	15.14		
15	16QAM	75	0	15.17	15.25	15.14		
15	64QAM	1	0	15.16	15.21	15.08		
15	64QAM	1	37	15.06	15.14	15.13	16	0
15	64QAM	1	74	15.21	15.27	15.09		
15	64QAM	36	0	15.16	15.23	15.22		
15	64QAM	36	20	15.26	15.22	15.02		
15	64QAM	36	39	15.08	15.15	15.00		
15	64QAM	75	0	15.17	15.29	15.08		
15	256QAM	1	0	15.34	15.20	15.04		
15	256QAM	1	37	15.21	15.35	15.12		
15	256QAM	1	74	15.07	15.13	15.07		
15	256QAM	36	0	15.14	15.37	15.14		
15	256QAM	36	20	15.13	15.04	15.18		
15	256QAM	36	39	15.13	15.15	15.11		
15	256QAM	75	0	15.18	15.26	15.22		
Channel				18650	18900	19150		
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.24	15.15	15.07	16	0
10	QPSK	1	25	15.07	15.14	15.13		
10	QPSK	1	49	15.07	15.11	15.01		
10	QPSK	25	0	15.24	15.41	15.14		
10	QPSK	25	12	15.07	15.14	15.14		
10	QPSK	25	25	15.26	15.15	15.13		
10	QPSK	50	0	15.12	15.30	15.20		
10	16QAM	1	0	15.06	15.11	15.25		
10	16QAM	1	25	15.11	15.15	15.25	16	0
10	16QAM	1	49	15.03	15.01	15.02		
10	16QAM	25	0	15.28	15.14	15.25		
10	16QAM	25	12	15.11	15.20	15.13		
10	16QAM	25	25	15.32	15.19	15.06		
10	16QAM	50	0	15.21	15.12	15.12		
10	64QAM	1	0	15.22	15.09	15.02		
10	64QAM	1	25	15.11	15.12	15.14	16	0
10	64QAM	1	49	15.11	15.30	15.13		
10	64QAM	25	0	15.09	15.22	15.25		
10	64QAM	25	12	15.12	15.01	15.11		
10	64QAM	25	25	15.01	15.17	15.12		
10	64QAM	50	0	15.26	15.15	15.04		
10	256QAM	1	0	15.16	15.19	15.03		
10	256QAM	1	25	15.08	15.18	15.07	16	0
10	256QAM	1	49	15.02	15.12	15.08		
10	256QAM	25	0	15.12	15.19	15.15		
10	256QAM	25	12	15.24	15.22	15.25		
10	256QAM	25	25	15.18	15.26	15.08		
10	256QAM	50	0	15.16	15.27	15.20		
Channel				18625	18900	19175		
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.21	15.25	15.04	16	0
5	QPSK	1	12	15.02	15.28	15.14		
5	QPSK	1	24	15.12	15.22	15.09		
5	QPSK	12	0	15.28	15.36	15.18		
5	QPSK	12	7	15.05	15.13	15.17		
5	QPSK	12	13	15.18	15.18	15.27		
5	QPSK	25	0	15.16	15.20	15.15		
5	16QAM	1	0	15.31	15.06	15.22		
5	16QAM	1	12	15.17	15.14	15.29	16	0
5	16QAM	1	24	15.11	15.14	15.17		
5	16QAM	12	0	15.17	15.00	15.02		
5	16QAM	12	7	15.16	15.07	15.04		
5	16QAM	12	13	15.26	15.06	15.14		
5	16QAM	25	0	15.26	15.27	15.19		
5	64QAM	1	0	15.09	15.14	15.20		
5	64QAM	1	12	15.08	15.21	15.08	16	0
5	64QAM	1	24	15.20	15.25	15.17		
5	64QAM	12	0	15.13	15.19	15.18		
5	64QAM	12	7	15.22	15.04	15.08		
5	64QAM	12	13	15.09	15.31	15.16		
5	64QAM	25	0	15.13	15.26	15.08		
5	256QAM	1	0	15.24	15.35	15.06		
5	256QAM	1	12	15.10	15.27	15.10	16	0
5	256QAM	1	24	15.01	15.16	15.04		
5	256QAM	12	0	15.29	15.12	15.12		
5	256QAM	12	7	15.02	15.05	15.12		
5	256QAM	12	13	15.11	15.27	15.26		
5	256QAM	25	0	15.18	15.23	15.25		
Channel				18615	18900	19185		
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.21	15.24	15.03	16	0
3	QPSK	1	8	15.16	15.25	15.06		
3	QPSK	1	14	15.00	15.16	15.11		
3	QPSK	8	0	15.34	15.15	15.14		
3	QPSK	8	4	15.12	15.06	15.16		
3	QPSK	8	7	15.06	15.16	15.24		
3	QPSK	15	0	15.07	15.23	15.20		
3	16QAM	1	0	15.20	15.16	15.17		
3	16QAM	1	8	15.11	15.30	15.26	16	0
3	16QAM	1	14	15.07	15.28	15.11		
3	16QAM	8	0	15.09	15.06	15.10		
3	16QAM	8	4	15.12	15.16	15.18		
3	16QAM	8	7	15.29	15.08	15.12		
3	16QAM	15	0	15.26	15.22	15.28		
3	64QAM	1	0	15.12	15.32	15.10		
3	64QAM	1	8	15.05	15.27	15.16	16	0
3	64QAM	1	14	15.20	15.24	15.15		
3	64QAM	8	0	15.23	15.19	15.19		
3	64QAM	8	4	15.10	15.02	15.08	16	0
3	64QAM	8	7	15.11	15.20	15.20		
3	64QAM	15	0	15.12	15.25	15.04		
3	256QAM	1	0	15.27	15.33	15.04		
3	256QAM	1	8	15.09	15.27	15.07	16	0
3	256QAM	1	14	15.21	15.26	15.04		
3	256QAM	8	0	15.29	15.30	15.09		
3	256QAM	8	4	15.05	15.10	15.19	16	0
3	256QAM	8	7	15.17	15.26	15.19		
3	256QAM	15	0	15.16	15.29	15.23		
Channel				18607	18900	19193		
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.17	15.36	15.02	16	0
1.4	QPSK	1	3	15.02	15.19	15.12		
1.4	QPSK	1	5	15.05	15.23	15.06		
1.4	QPSK	3	0	15.23	15.34	15.08		
1.4	QPSK	3	1	15.09	15.11	15.13		
1.4	QPSK	3	3	15.24	15.14	15.14		
1.4	QPSK	6	0	15.05	15.21	15.26		
1.4	16QAM	1	0	15.31	15.03	15.21	16	0
1.4	16QAM	1	3	15.12	15.16	15.20		
1.4	16QAM	1	5	15.08	15.23	15.19		
1.4	16QAM	3	0	15.07	15.04	15.12		
1.4	16QAM	3	1	15.26	15.26	15.11		
1.4	16QAM	3	3	15.25	15.15	15.04		
1.4	16QAM	6	0	15.23	15.22	15.25		
1.4	64QAM	1	0	15.15	15.16	15.13	16	0
1.4	64QAM	1	3	15.03	15.08	15.19		
1.4	64QAM	1	5	15.01	15.25	15.04		
1.4	64QAM	3	0	15.22	15.18	15.12		
1.4	64QAM	3	1	15.17	15.04	15.01		
1.4	64QAM	3	3	15.03	15.23	15.12		
1.4	64QAM	6	0	15.08	15.27	15.01	16	0
1.4	256QAM	1	0	15.22	15.32	15.02	16	0
1.4	256QAM	1	3	15.07	15.23	15.08		
1.4	256QAM	1	5	15.06	15.10	15.03		
1.4	256QAM	3	0	15.31	15.19	15.15		
1.4	256QAM	3	1	15.18	15.13	15.20		
1.4	256QAM	3	3	15.07	15.23	15.18		
1.4	256QAM	6	0	15.15	15.33	15.11	16	0

Band 4 Ant 4 DSI2 sig path：69

BW [MHz]	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	16.10	16.22	16.09	16.5	0
20	QPSK	1	49	15.94	16.20	16.00		
20	QPSK	1	99	16.03	16.04	15.96		
20	QPSK	50	0	16.10	16.18	16.05		
20	QPSK	50	24	16.02	16.12	15.99		
20	QPSK	50	50	16.02	16.12	15.97		
20	QPSK	100	0	16.06	16.17	16.06		
20	16QAM	1	0	16.09	16.00	16.14		
20	16QAM	1	49	16.04	16.09	16.08		
20	16QAM	1	99	15.94	16.07	16.10		
20	16QAM	50	0	16.03	16.04	16.06		
20	16QAM	50	24	16.10	16.01	16.11		
20	16QAM	50	50	16.14	16.12	16.10		
20	16QAM	100	0	16.16	16.16	15.98		
20	64QAM	1	0	16.08	16.13	16.13		
20	64QAM	1	49	16.16	16.15	15.98		
20	64QAM	1	99	16.04	16.11	16.01		
20	64QAM	50	0	16.02	16.09	16.01		
20	64QAM	50	24	16.07	15.95	15.96		
20	64QAM	50	50	16.04	16.07	16.03		
20	64QAM	100	0	16.08	16.10	16.04		
20	256QAM	1	0	15.81	15.84	15.90		
20	256QAM	1	49	15.92	15.93	15.81		
20	256QAM	1	99	15.91	15.84	15.76		
20	256QAM	50	0	15.97	15.91	15.86		
20	256QAM	50	24	15.95	15.83	15.99		
20	256QAM	50	50	15.92	15.95	15.90		
20

Band 7 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.24	13.31	13.21		
20	QPSK	1	49	13.18	13.24	13.18	13.5	0
20	QPSK	1	99	13.16	13.25	13.19		
20	QPSK	50	0	13.21	13.27	13.14		
20	QPSK	50	24	13.14	13.23	13.23	13.5	0
20	QPSK	50	50	13.13	13.09	13.11		
20	QPSK	100	0	13.12	13.22	13.19		
20	16QAM	1	0	13.14	13.23	13.18		
20	16QAM	1	49	13.15	13.17	13.16	13.5	0
20	16QAM	1	99	13.13	13.13	13.16		
20	16QAM	50	0	13.10	13.18	13.14		
20	16QAM	50	24	13.08	13.11	13.06	13.5	0
20	16QAM	50	50	13.21	13.10	13.14		
20	16QAM	100	0	13.19	13.22	13.12		
20	64QAM	1	0	13.13	13.18	13.11		
20	64QAM	1	49	13.20	13.12	13.09	13.5	0
20	64QAM	1	99	13.15	13.22	13.11		
20	64QAM	50	0	13.09	13.12	13.10		
20	64QAM	50	24	13.15	13.16	13.12	13.5	0
20	64QAM	50	50	13.17	13.14	13.14		
20	64QAM	100	0	13.12	13.23	13.14		
20	256QAM	1	0	13.11	13.25	13.06		
20	256QAM	1	49	13.08	13.13	13.13	13.5	0
20	256QAM	1	99	13.09	13.11	13.12		
20	256QAM	50	0	13.09	13.13	13.07		
20	256QAM	50	24	13.06	13.17	13.09	13.5	0
20	256QAM	50	50	13.01	13.02	12.98		
20	256QAM	100	0	13.07	13.17	13.09		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.13	13.23	13.18		
15	QPSK	1	37	13.04	13.07	13.01	13.5	0
15	QPSK	1	74	13.12	13.23	13.08		
15	QPSK	36	0	13.02	13.10	13.06		
15	QPSK	36	20	13.14	13.04	13.13	13.5	0
15	QPSK	36	39	13.12	12.94	12.97		
15	QPSK	75	0	12.94	13.09	13.17		
15	16QAM	1	0	13.11	13.05	13.13		
15	16QAM	1	37	13.07	13.02	12.96	13.5	0
15	16QAM	1	74	12.98	13.13	12.96		
15	16QAM	36	0	13.06	13.16	13.12		
15	16QAM	36	20	12.97	13.06	12.95	13.5	0
15	16QAM	36	39	13.01	13.04	13.04		
15	16QAM	75	0	13.11	13.20	13.06		
15	64QAM	1	0	12.98	13.00	12.93		
15	64QAM	1	37	13.16	13.11	13.03	13.5	0
15	64QAM	1	74	13.14	13.05	13.07		
15	64QAM	36	0	13.05	13.04	13.01		
15	64QAM	36	20	12.99	12.96	12.96	13.5	0
15	64QAM	36	39	13.00	13.07	13.08		
15	64QAM	75	0	12.96	13.04	13.10		
15	256QAM	1	0	12.95	13.07	12.91		
15	256QAM	1	37	12.99	13.08	13.06	13.5	0
15	256QAM	1	74	13.00	12.99	13.08		
15	256QAM	36	0	12.94	12.93	12.90		
15	256QAM	36	20	12.96	13.04	12.91	13.5	0
15	256QAM	36	39	12.93	12.83	12.88		
15	256QAM	75	0	12.93	13.04	13.02		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.20	13.18	13.04		
10	QPSK	1	25	13.11	13.24	12.99	13.5	0
10	QPSK	1	49	13.15	13.13	13.12		
10	QPSK	25	0	13.08	13.13	13.07		
10	QPSK	25	12	13.08	13.18	13.12	13.5	0
10	QPSK	25	25	13.12	13.08	13.08		
10	QPSK	50	0	12.93	13.16	13.09		
10	16QAM	1	0	13.05	13.15	12.98		
10	16QAM	1	25	12.98	13.04	13.08	13.5	0
10	16QAM	1	49	13.01	13.05	13.05		
10	16QAM	25	0	12.97	13.12	13.09		
10	16QAM	25	12	12.90	13.11	12.96	13.5	0
10	16QAM	25	25	13.11	12.99	13.13		
10	16QAM	50	0	13.13	13.19	12.99		
10	64QAM	1	0	13.04	13.10	12.99		
10	64QAM	1	25	13.16	13.08	13.04	13.5	0
10	64QAM	1	49	13.11	13.22	13.04		
10	64QAM	25	0	13.02	12.93	13.02		
10	64QAM	25	12	13.05	13.05	12.93	13.5	0
10	64QAM	25	25	13.08	12.98	12.95		
10	64QAM	50	0	12.98	13.08	13.07		
10	256QAM	1	0	13.09	13.23	13.05		
10	256QAM	1	25	12.88	13.04	12.98	13.5	0
10	256QAM	1	49	13.05	12.96	13.10		
10	256QAM	25	0	12.93	12.93	13.01		
10	256QAM	25	12	12.90	13.13	12.92	13.5	0
10	256QAM	25	25	12.98	13.01	12.84		
10	256QAM	50	0	12.94	13.02	12.91		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.07	13.20	13.07		
5	QPSK	1	12	13.01	13.10	13.12	13.5	0
5	QPSK	1	24	13.14	13.25	13.00		
5	QPSK	12	0	13.21	13.17	13.05		
5	QPSK	12	7	13.04	13.10	13.07	13.5	0
5	QPSK	12	13	13.04	12.89	13.00		
5	QPSK	25	0	13.02	13.11	13.01		
5	16QAM	1	0	13.11	13.11	13.01		
5	16QAM	1	12	13.10	13.08	13.07	13.5	0
5	16QAM	1	24	13.02	13.03	13.09		
5	16QAM	12	0	13.09	13.12	13.13		
5	16QAM	12	7	13.05	13.01	12.99	13.5	0
5	16QAM	12	13	13.16	12.92	13.03		
5	16QAM	25	0	13.10	13.03	13.02		
5	64QAM	1	0	13.04	13.08	13.07		
5	64QAM	1	12	13.13	13.10	12.96	13.5	0
5	64QAM	1	24	13.01	13.13	12.98		
5	64QAM	12	0	12.96	13.05	12.92		
5	64QAM	12	7	13.03	13.07	12.95	13.5	0
5	64QAM	12	13	13.05	12.97	13.10		
5	64QAM	25	0	13.09	13.16	12.95		
5	256QAM	1	0	12.99	13.18	12.94		
5	256QAM	1	12	13.03	13.04	13.10	13.5	0
5	256QAM	1	24	12.96	13.02	13.02		
5	256QAM	12	0	12.96	12.99	12.93		
5	256QAM	12	7	13.00	12.98	12.95	13.5	0
5	256QAM	12	13	12.98	12.96	12.90		
5	256QAM	25	0	12.98	13.00	13.01		

Band 25 Ant 4 DSI2 sig path：45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.18	15.24	14.86		
20	QPSK	1	49	15.05	15.19	15.14	16	0
20	QPSK	1	99	15.12	15.18	15.11		
20	QPSK	50	0	15.00	15.24	14.98		
20	QPSK	50	24	15.17	15.20	15.16	16	0
20	QPSK	50	50	15.12	15.08	15.07		
20	QPSK	100	0	15.11	15.05	15.04		
20	16QAM	1	0	15.11	15.21	15.03		
20	16QAM	1	49	15.15	15.08	15.12	16	0
20	16QAM	1	99	15.14	15.12	15.17		
20	16QAM	50	0	15.08	15.18	15.21		
20	16QAM	50	24	15.07	15.07	15.06	16	0
20	16QAM	50	50	15.20	15.06	15.18		
20	16QAM	100	0	15.13	15.15	15.14		
20	64QAM	1	0	15.07	15.11	15.08		
20	64QAM	1	49	15.09	15.16	15.04	16	0
20	64QAM	1	99	15.04	15.11	15.15		
20	64QAM	50	0	15.14	15.10	15.15		
20	64QAM	50	24	15.08	15.18	15.12	16	0
20	64QAM	50	50	15.20	15.03	15.13		
20	64QAM	100	0	15.13	15.16	15.04		
20	256QAM	1	0	15.05	15.21	14.67		
20	256QAM	1	49	14.98	15.07	15.13	16	0
20	256QAM	1	99	15.07	15.03	15.01		
20	256QAM	50	0	14.88	15.04	14.92		
20	256QAM	50	24	15.15	15.08	15.07	16	0
20	256QAM	50	50	15.01	15.18	14.96		
20	256QAM	100	0	14.96	14.90	14.98		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.16	15.22	14.67		
15	QPSK	1	37	15.04	15.16	15.12	16	0
15	QPSK	1	74	15.09	15.03	14.98		
15	QPSK	36	0	14.78	14.98	15.01		
15	QPSK	36	20	14.99	15.11	15.13	16	0
15	QPSK	36	39	15.01	15.07	15.12		
15	QPSK	75	0	14.85	15.08	14.95		
15	16QAM	1	0	14.95	15.16	15.04		
15	16QAM	1	37	15.18	15.10	15.02	16	0
15	16QAM	1	74	14.99	15.14	15.04		
15	16QAM	36	0	14.93	15.18	15.20		
15	16QAM	36	20	15.07	14.94	14.96	16	0
15	16QAM	36	39	15.01	14.86	15.09		
15	16QAM	75	0	15.02	15.08	15.06		
15	64QAM	1	0	14.96	14.95	14.96		
15	64QAM	1	37	14.99	15.12	14.90	16	0
15	64QAM	1	74	14.97	15.02	15.04		
15	64QAM	36	0	15.03	15.07	15.06		
15	64QAM	36	20	15.04	15.07	15.04	16	0
15	64QAM	36	39	15.04	14.96	15.02		
15	64QAM	75	0	14.95	15.14	15.04		
15	256QAM	1	0	15.13	15.20	14.66		
15	256QAM	1	37	15.06	15.18	15.07	16	0
15	256QAM	1	74	14.92	15.04	14.99		
15	256QAM	36	0	14.89	15.02	14.95		
15	256QAM	36	20	15.11	15.14	15.11	16	0
15	256QAM	36	39	15.01	15.06	15.04		
15	256QAM	75	0	14.94	15.07	14.98		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.14	15.11	14.84		
10	QPSK	1	25	14.92	15.08	15.10	16	0
10	QPSK	1	49	15.08	15.10	14.87		
10	QPSK	25	0	14.82	15.18	14.91		
10	QPSK	25	12	15.08	15.16	15.07	16	0
10	QPSK	25	25	14.90	15.04	14.93		
10	QPSK	50	0	14.98	14.95	14.99		
10	16QAM	1	0	15.00	15.10	14.93		
10	16QAM	1	25	14.97	14.91	14.99	16	0
10	16QAM	1	49	14.94	15.08	15.00		
10	16QAM	25	0	15.02	15.02	15.08		
10	16QAM	25	12	14.98	15.07	14.96	16	0
10	16QAM	25	25	15.11	14.89	15.00		
10	16QAM	50	0	14.97	15.04	14.91		
10	64QAM	1	0	14.93	15.01	15.04		
10	64QAM	1	25	14.99	15.09	15.01	16	0
10	64QAM	1	49	14.98	15.12	14.88		
10	64QAM	25	0	14.97	14.95	15.04		
10	64QAM	25	12	15.00	15.06	14.97	16	0
10	64QAM	25	25	15.12	14.98	15.01		
10	64QAM	50	0	15.04	15.11	15.01		
10	256QAM	1	0	15.09	15.22	14.76		
10	256QAM	1	25	14.97	15.03	15.19	16	0
10	256QAM	1	49	15.05	15.18	14.91		
10	256QAM	25	0	14.93	15.07	14.91		
10	256QAM	25	12	15.02	15.02	15.04	16	0
10	256QAM	25	25	14.89	14.90	15.02		
10	256QAM	50	0	14.94	15.01	14.88		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.07	15.15	14.63		
5	QPSK	1	12	15.02	15.07	15.08	16	0
5	QPSK	1	24	15.08	14.94	14.90		
5	QPSK	12	0	14.94	15.02	14.94		
5	QPSK	12	7	15.02	15.05	15.09	16	0
5	QPSK	12	13	14.98	14.95	15.00		
5	QPSK	25	0	14.92	14.96	14.95		
5	16QAM	1	0	15.04	15.03	14.97		
5	16QAM	1	12	14.92	14.87	15.12	16	0
5	16QAM	1	24	15.12	15.10	15.11		
5	16QAM	12	0	14.80	15.01	15.08		
5	16QAM	12	7	14.98	15.03	15.04	16	0
5	16QAM	12	13	15.03	14.91	14.97		
5	16QAM	25	0	14.97	14.99	14.89		
5	64QAM	1	0	14.86	15.00	15.09		
5	64QAM	1	12	15.14	15.17	15.00	16	0
5	64QAM	1	24	14.93	15.16	14.99		
5	64QAM	12	0	15.04	15.10	14.94		
5	64QAM	12	7	14.99	15.05	15.00	16	0
5	64QAM	12	13	14.97	14.92	15.05		
5	64QAM	25	0	14.90	15.07	15.09		
5	256QAM	1	0	15.02	15.10	14.68		
5	256QAM	1	12	15.09	15.03	15.04	16	0
5	256QAM	1	24	15.03	15.13	14.94		
5	256QAM	12	0	14.93	15.20	14.82		
5	256QAM	12	7	15.14	15.04	14.99	16	0
5	256QAM	12	13	14.95	14.93	15.00		
5	256QAM	25	0	14.93	15.03	14.98		
Channel				26040	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.18	15.09	14.81		
3	QPSK	1	8	15.08	15.14	15.12	16	0
3	QPSK	1	14	15.05	15.12	15.07		
3	QPSK	8	0	14.85	15.21	14.82		
3	QPSK	8	4	15.03	15.10	15.00	16	0
3	QPSK	8	7	15.00	14.87	14.99		
3	QPSK	15	0	14.92	15.03	15.07		
3	16QAM	1	0	14.99	15.17	14.87		
3	16QAM	1	8	14.95	15.02	15.09	16	0
3	16QAM	1	14	15.06	15.07	15.09		
3	16QAM	8	0	14.91	15.07	15.10		
3	16QAM	8	4	14.98	14.92	15.00	16	0
3	16QAM	8	7	15.01	15.04	15.14		
3	16QAM	15	0	15.09	15.07	14.92		
3	64QAM	1	0	15.02	14.98	14.97		
3	64QAM	1	8	14.90	15.17	14.88	16	0
3	64QAM	1	14	14.89	15.04	14.99		
3	64QAM	8	0	15.03	15.01	14.88		
3	64QAM	8	4	15.05	14.99	15.06	16	0
3	64QAM	8	7	15.11	14.91	14.99		
3	64QAM	15	0	14.85	15.10	15.03		
3	256QAM	1	0	15.13	15.03	14.79		
3	256QAM	1	8	15.09	15.05	15.15	16	0
3	256QAM	1	14	15.08	15.05	14.96		
3	256QAM	8	0	14.90	15.09	14.99		
3	256QAM	8	4	14.99	15.02	15.03	16	0
3	256QAM	8	7	14.96	15.06	14.97		
3	256QAM	15	0	14.90	14.92	14.88		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	14.98	15.14	14.80		
1.4	QPSK	1	3	14.88	14.99	15.14		
1.4	QPSK	1	5	15.07	14.98	14.93	16	0
1.4	QPSK	3	0	14.90	15.14	14.87		
1.4	QPSK	3	1	15.10	15.10	15.07		
1.4	QPSK	3	3	15.12	14.97	14.98		
1.4	QPSK	6	0	14.93	14.91	15.07	16	0
1.4	16QAM	1	0	15.02	15.15	14.99		
1.4	16QAM	1	3	15.10	14.98	14.98		
1.4	16QAM	1	5	14.86	15.08	15.10	16	0
1.4	16QAM	3	0	15.02	15.03	15.13		
1.4	16QAM	3	1	14.92	14.98	14.89		
1.4	16QAM	3	3	15.16	15.01	15.06		
1.4	16QAM	6	0	15.02	14.93	15.15	16	0
1.4	64QAM	1	0	14.98	15.04	15.06		
1.4	64QAM	1	3	14.99	15.06	14.80		
1.4	64QAM	1	5	14.88	15.08	15.09	16	0
1.4	64QAM	3	0	15.09	14.93	14.89		
1.4	64QAM	3	1	15.04	15.12	14.98		
1.4	64QAM	3	3	15.03	14.83	15.11		
1.4	64QAM	6	0	15.09	15.08	15.02	16	0
1.4	256QAM	1	0	15.19	15.14	14.74		
1.4	256QAM	1	3	15.03	15.12	15.03		
1.4	256QAM	1	5	15.13	15.06	14.97	16	0
1.4	256QAM	3	0	14.93	15.05	14.95		
1.4	256QAM	3	1	15.01	15.10	15.13		
1.4	256QAM	3	3	14.98	15.00	14.98		
1.4	256QAM	6	0	15.03	14.97	14.96	16	0

Band 25 Ant 4 DSI2 sig path：457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.27	15.36	15.03		
20	QPSK	1	49	15.17	15.24	15.20	16	0
20	QPSK	1	99	15.22	15.30	15.19		
20	QPSK	50	0	15.05	15.31	15.13		
20	QPSK	50	24	15.23	15.13	15.18	16	0
20	QPSK	50	50	15.20	15.14	15.15		
20	QPSK	100	0	15.18	15.27	15.16		
20	16QAM	1	0	15.14	15.26	15.22		
20	16QAM	1	49	15.13	15.16	15.15	16	0
20	16QAM	1	99	15.16	15.21	15.19		
20	16QAM	50	0	15.22	15.19	15.18		
20	16QAM	50	24	15.19	15.15	15.15	16	0
20	16QAM	50	50	15.18	15.13	15.14		
20	16QAM	100	0	15.30	15.16	15.21		
20	64QAM	1	0	15.22	15.24	15.22		
20	64QAM	1	49	15.19	15.24	15.16	16	0
20	64QAM	1	99	15.14	15.25	15.26		
20	64QAM	50	0	15.09	15.26	15.13		
20	64QAM	50	24	15.16	15.18	15.07	16	0
20	64QAM	50	50	15.13	15.09	15.14		
20	64QAM	100	0	15.16	15.20	15.15		
20	256QAM	1	0	15.24	15.22	14.80		
20	256QAM	1	49	15.02	15.09	15.11	16	0
20	256QAM	1	99	15.18	15.19	14.99		
20	256QAM	50	0	14.93	15.29	15.06		
20	256QAM	50	24	15.02	15.03	15.08	16	0
20	256QAM	50	50	14.93	14.97	14.99		
20	256QAM	100	0	15.15	15.14	14.98		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.20	15.18	14.87		
15	QPSK	1	37	15.08	15.23	15.20	16	0
15	QPSK	1	74	15.10	15.16	15.02		
15	QPSK	36	0	14.97	15.30	15.05		
15	QPSK	36	20	15.12	15.06	15.12	16	0
15	QPSK	36	39	15.08	15.01	14.88		
15	QPSK	75	0	15.08	15.17	15.00		
15	16QAM	1	0	15.03	15.17	15.12		
15	16QAM	1	37	15.15	15.07	15.19	16	0
15	16QAM	1	74	15.11	15.01	15.11		
15	16QAM	36	0	14.96	15.09	15.20		
15	16QAM	36	20	15.01	15.03	15.08	16	0
15	16QAM	36	39	15.10	15.13	15.06		
15	16QAM	75	0	15.19	15.06	15.15		
15	64QAM	1	0	15.08	15.20	15.08		
15	64QAM	1	37	15.22	15.05	15.01	16	0
15	64QAM	1	74	15.07	15.07	15.07		
15	64QAM	36	0	14.91	15.18	15.05		
15	64QAM	36	20	15.20	15.09	15.15	16	0
15	64QAM	36	39	15.09	14.92	15.17		
15	64QAM	75	0	15.11	15.11	15.04		
15	256QAM	1	0	15.18	15.27	14.86		
15	256QAM	1	37	15.14	15.22	15.17	16	0
15	256QAM	1	74	15.24	15.18	15.00		
15	256QAM	36	0	14.93	15.20	14.98		
15	256QAM	36	20	15.05	14.89	15.09	16	0
15	256QAM	36	39	15.05	14.96	15.03		
15	256QAM	75	0	15.16	15.22	15.10		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.06	15.15	14.74		
10	QPSK	1	25	15.12	15.23	15.15	16	0
10	QPSK	1	49	15.20	15.07	14.99		
10	QPSK	25	0	15.01	15.20	15.00		
10	QPSK	25	12	15.06	14.97	15.14	16	0
10	QPSK	25	25	15.01	15.00	15.07		
10	QPSK	50	0	15.03	15.11	15.11		
10	16QAM	1	0	15.15	15.21	15.16		
10	16QAM	1	25	15.15	15.01	15.17	16	0
10	16QAM	1	49	15.21	15.06	15.08		
10	16QAM	25	0	15.13	15.04	15.13		
10	16QAM	25	12	15.05	15.04	15.04	16	0
10	16QAM	25	25	15.04	14.99	15.13		
10	16QAM	50	0	15.24	15.11	15.10

Band 66 Ant 4 DSI2 sig path：70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.22	16.27	15.90		
20	QPSK	1	49	16.17	16.22	16.11	16.5	0
20	QPSK	1	99	16.06	16.19	16.17		
20	QPSK	50	0	16.10	16.20	16.15		
20	QPSK	50	24	16.14	16.17	16.12	16.5	0
20	QPSK	50	50	16.13	16.15	16.05		
20	QPSK	100	0	16.10	16.15	16.09		
20	16QAM	1	0	16.15	16.18	16.11		
20	16QAM	1	49	16.12	16.16	16.13	16.5	0
20	16QAM	1	99	16.16	16.10	16.14		
20	16QAM	50	0	16.07	16.26	16.14		
20	16QAM	50	24	16.12	16.15	16.14	16.5	0
20	16QAM	50	50	16.17	16.07	16.13		
20	16QAM	100	0	16.19	16.19	16.10		
20	64QAM	1	0	16.18	16.13	16.22		
20	64QAM	1	49	16.15	16.25	16.11	16.5	0
20	64QAM	1	99	16.22	16.17	16.18		
20	64QAM	50	0	16.16	16.18	16.16		
20	64QAM	50	24	16.19	16.24	16.11	16.5	0
20	64QAM	50	50	16.17	16.08	16.21		
20	64QAM	100	0	16.09	16.18	16.10		
20	256QAM	1	0	15.91	16.02	16.12		
20	256QAM	1	49	16.11	15.98	15.96	16.5	0
20	256QAM	1	99	15.94	16.06	15.98		
20	256QAM	50	0	15.97	16.04	16.00		
20	256QAM	50	24	16.06	16.05	16.00	16.5	0
20	256QAM	50	50	16.05	15.92	16.00		
20	256QAM	100	0	15.95	16.09	15.81		
3	Channel			132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1745	1772.5		
15	QPSK	1	0	16.10	16.11	15.78		
15	QPSK	1	37	16.02	16.17	16.05	16.5	0
15	QPSK	1	74	15.97	15.99	16.02		
15	QPSK	36	0	15.96	16.16	16.02		
15	QPSK	36	20	16.06	16.00	16.07	16.5	0
15	QPSK	36	39	16.01	16.11	16.00		
15	QPSK	75	0	15.96	16.08	16.10		
15	16QAM	1	0	15.99	16.17	16.01		
15	16QAM	1	37	16.10	15.98	16.01	16.5	0
15	16QAM	1	74	16.05	16.09	16.00		
15	16QAM	36	0	15.97	16.15	16.01		
15	16QAM	36	20	16.05	16.05	16.08	16.5	0
15	16QAM	36	39	16.05	16.02	16.04		
15	16QAM	75	0	16.06	16.07	16.03		
15	64QAM	1	0	16.05	16.15	16.15		
15	64QAM	1	37	16.17	16.11	16.01	16.5	0
15	64QAM	1	74	16.07	16.10	16.00		
15	64QAM	36	0	16.04	16.12	16.04		
15	64QAM	36	20	16.08	16.14	16.04	16.5	0
15	64QAM	36	39	16.11	15.98	16.09		
15	64QAM	75	0	15.99	16.09	16.03		
15	256QAM	1	0	15.88	15.90	15.96		
15	256QAM	1	37	15.96	15.91	15.80	16.5	0
15	256QAM	1	74	15.91	15.97	15.92		
15	256QAM	36	0	15.85	15.96	15.92		
15	256QAM	36	20	15.92	15.91	15.85	16.5	0
15	256QAM	36	39	15.96	15.88	15.86		
15	256QAM	75	0	15.82	15.94	15.76		
10	Channel			132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1745	1775		
10	QPSK	1	0	16.03	16.13	15.71		
10	QPSK	1	25	16.11	16.13	16.02	16.5	0
10	QPSK	1	49	16.06	16.01	16.09		
10	QPSK	25	0	16.02	16.14	16.05		
10	QPSK	25	12	16.08	15.99	16.12	16.5	0
10	QPSK	25	25	16.05	16.07	16.00		
10	QPSK	50	0	16.01	16.12	16.04		
10	16QAM	1	0	16.02	16.08	15.99		
10	16QAM	1	25	16.03	15.95	16.07	16.5	0
10	16QAM	1	49	16.06	15.99	16.06		
10	16QAM	25	0	15.94	16.19	16.03		
10	16QAM	25	12	16.00	16.12	16.09	16.5	0
10	16QAM	25	25	16.07	15.96	16.04		
10	16QAM	50	0	16.07	16.10	16.04		
10	64QAM	1	0	16.05	16.14	16.17		
10	64QAM	1	25	16.09	16.14	16.05	16.5	0
10	64QAM	1	49	16.11	16.08	15.99		
10	64QAM	25	0	16.01	16.10	16.07		
10	64QAM	25	12	16.09	16.15	16.02	16.5	0
10	64QAM	25	25	16.15	16.05	16.05		
10	64QAM	50	0	16.07	16.11	15.94		
10	256QAM	1	0	15.86	15.96	16.02		
10	256QAM	1	25	15.92	15.93	15.83	16.5	0
10	256QAM	1	49	15.83	15.91	15.94		
10	256QAM	25	0	15.80	15.95	15.90		
10	256QAM	25	12	15.94	16.01	15.82	16.5	0
10	256QAM	25	25	15.95	15.81	15.89		
10	256QAM	50	0	15.92	16.00	15.77		
5	Channel			131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1745	1777.5		
5	QPSK	1	0	16.08	16.11	15.71		
5	QPSK	1	12	16.10	16.15	16.08	16.5	0
5	QPSK	1	24	16.01	16.11	16.10		
5	QPSK	12	0	16.06	16.17	16.02		
5	QPSK	12	7	16.03	16.07	16.12	16.5	0
5	QPSK	12	13	15.94	16.12	16.00		
5	QPSK	25	0	15.96	16.05	16.08		
5	16QAM	1	0	16.10	16.11	16.01		
5	16QAM	1	12	16.12	16.06	16.07	16.5	0
5	16QAM	1	24	16.08	16.01	16.09		
5	16QAM	12	0	15.90	16.13	16.01		
5	16QAM	12	7	15.95	16.07	16.04	16.5	0
5	16QAM	12	13	15.99	15.99	16.07		
5	16QAM	25	0	16.07	16.05	15.95		
5	64QAM	1	0	16.06	16.07	16.11		
5	64QAM	1	12	16.08	16.10	16.02	16.5	0
5	64QAM	1	24	16.12	16.02	16.02		
5	64QAM	12	0	16.03	16.05	15.97		
5	64QAM	12	7	16.08	16.16	16.02	16.5	0
5	64QAM	12	13	16.07	16.06	16.04		
5	64QAM	25	0	16.07	16.13	16.04		
5	256QAM	1	0	15.80	15.88	15.96		
5	256QAM	1	12	15.97	15.93	15.86	16.5	0
5	256QAM	1	24	15.87	15.89	15.86		
5	256QAM	12	0	15.87	16.00	15.94		
5	256QAM	12	7	15.87	15.98	15.90	16.5	0
5	256QAM	12	13	15.95	15.87	15.87		
5	256QAM	25	0	15.88	16.04	15.75		
3	Channel			131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1745	1778.5		
3	QPSK	1	0	16.04	16.16	15.74		
3	QPSK	1	8	16.05	16.11	16.05	16.5	0
3	QPSK	1	14	15.96	16.08	16.10		
3	QPSK	8	0	16.04	16.08	16.02		
3	QPSK	8	4	16.05	16.05	16.03	16.5	0
3	QPSK	8	7	16.02	16.09	15.93		
3	QPSK	15	0	15.98	16.10	16.06		
3	16QAM	1	0	16.03	16.11	16.08		
3	16QAM	1	8	16.13	16.00	16.02	16.5	0
3	16QAM	1	14	16.01	16.08	16.07		
3	16QAM	8	0	15.99	16.13	16.01		
3	16QAM	8	4	15.95	16.05	16.06	16.5	0
3	16QAM	8	7	16.02	16.04	16.07		
3	16QAM	15	0	16.01	16.09	15.98		
3	64QAM	1	0	16.06	16.10	16.16		
3	64QAM	1	8	16.15	16.08	16.01	16.5	0
3	64QAM	1	14	16.11	16.07	16.01		
3	64QAM	8	0	16.09	16.07	16.08		
3	64QAM	8	4	16.08	16.16	16.03	16.5	0
3	64QAM	8	7	16.09	16.05	16.05		
3	64QAM	15	0	16.03	16.07	15.99		
3	256QAM	1	0	15.89	15.99	16.00		
3	256QAM	1	8	15.98	15.96	15.83	16.5	0
3	256QAM	1	14	15.83	15.94	15.88		
3	256QAM	8	0	15.89	15.99	15.85		
3	256QAM	8	4	15.93	15.99	15.81	16.5	0
3	256QAM	8	7	16.02	15.83	15.85		
3	256QAM	15	0	15.85	15.97	15.79		
1.4	Channel			131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1745	1779.3		
1.4	QPSK	1	0	16.08	16.14	15.75		
1.4	QPSK	1	3	16.01	16.15	16.11		
1.4	QPSK	1	5	16.07	16.10	16.10	16.5	0
1.4	QPSK	3	0	16.07	16.14	16.04		
1.4	QPSK	3	1	16.02	16.06	16.12		
1.4	QPSK	3	3	16.04	16.10	16.02		
1.4	QPSK	6	0	15.98	16.07	16.09	16.5	0
1.4	16QAM	1	0	16.09	16.16	16.02		
1.4	16QAM	1	3	16.11	16.01	16.08		
1.4	16QAM	1	5	16.08	16.03	15.98	16.5	0
1.4	16QAM	3	0	15.90	16.12	16.03		
1.4	16QAM	3	1	15.99	16.12	16.04		
1.4	16QAM	3	3	15.98	15.97	16.07		
1.4	16QAM	6	0	16.03	16.08	15.97	16.5	0
1.4	64QAM	1	0	16.06	16.15	16.16		
1.4	64QAM	1	3	16.09	16.07	16.00		
1.4	64QAM	1	5	16.13	16.11	16.01	16.5	0
1.4	64QAM	3	0	16.02	16.13	15.98		
1.4	64QAM	3	1	16.04	16.12	15.96		
1.4	64QAM	3	3	16.14	16.07	16.08		
1.4	64QAM	6	0	16.07	16.11	16.02	16.5	0
1.4	256QAM	1	0	15.82	15.96	16.04		
1.4	256QAM	1	3	15.99	15.94	15.90		
1.4	256QAM	1	5	15.95	15.94	15.89	16.5	0
1.4	256QAM	3	0	15.84	15.93	15.90		
1.4	256QAM	3	1	15.94	15.96	15.89		
1.4	256QAM	3	3	15.97	15.83	15.87		
1.4	256QAM	6	0	15.84	15.95	15.74	16.5	0

Band 66 Ant 4 DSI2 sig path：453

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.21	16.25	15.88		
20	QPSK	1	49	16.16	16.18	16.13	16.5	0
20	QPSK	1	99	16.01	16.23	16.20		
20	QPSK	50	0	16.06	16.23	16.12		
20	QPSK	50	24	16.16	16.20	16.15	16.5	0
20	QPSK	50	50	16.17	16.20	16.06		
20	QPSK	100	0	16.09	16.11	16.08		
20	16QAM	1	0	16.20	16.14	16.12		
20	16QAM	1	49	16.16	16.20	16.10	16.5	0
20	16QAM	1	99	16.13	16.15	16.14		
20	16QAM	50	0	16.01	16.21	16.19		
20	16QAM	50	24	16.07	16.19	16.15	16.5	0
20	16QAM	50	50	16.17	16.03	16.18		
20	16QAM	100	0	16.14	16.21	16.08		
20	64QAM	1	0	16.19	16.08	16.20		
20	64QAM	1	49	16.11	16.20	16.12	16.5	0
20	64QAM	1	99	16.20	16.11	16.24		
20	64QAM	50	0	16.11	16.15	16.12		
20	64QAM	50	24	16.17	16.23	16.09	16.5	0
20	64QAM	50	50	16.19	16.10	16.21		
20	64QAM	100	0	16.04	16.23	16.06		
20	256QAM	1	0	15.93	16.03	16.18		
20	256QAM	1	49	16.07	15.96	16.00	16.5	0
20	256QAM	1	99	15.94	16.11	15.97		
20	256QAM	50	0	16.02	16.01	16.03		
20	256QAM	50	24	16.11	16.06	15.94	16.5	0
20	256QAM	50	50	16.06	15.92	16.04		
20	256QAM	100	0	15.95	16.13	15.82		
3	Channel			132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1745	1772.5		
15	QPSK	1	0	16.21	16.16	15.82		
15	QPSK	1	37	16.05	16.11	16.07	16.5	0
15	QPSK	1	74	15.88	16.09	16.16		
15	QPSK	36	0	16.03	16.11	15.97		
15	QPSK	36	20	16.10	16.10	16.01	16.5	0
15	QPSK	36	39	16.03	16.12	16.00		
15	QPSK	75	0	15.98	15.98	16.01		
15	16QAM	1	0	16.09	15.99	16.00		
15	16QAM	1	37	16.11	16.17	15.98	16.5	0
15	16QAM	1	74	16.09	16.02	16.07		
15	16QAM	36	0	15.92	16.18	16.14		
15	16QAM	36	20	15.94	16.07	16.09	16.5	0
15	16QAM	36	39	16.14	15.95	16.11		
15	16QAM	75	0	16.06	16.09	16.04		
15	64QAM	1	0	16.06	16.00	16.16		
15	64QAM	1	37	15.98	16.18	16.00	16.5	0
15	64QAM	1	74	16.19	16.04	16.17		
15	64QAM	36	0	16.01	16.08	16.03		
15	64QAM	36	20	16.11	16.10	15.96	16.5	0
15	64QAM	36	39	16.10	15.96	16.21		
15	64QAM	75	0	15.91	16.17	15.92		
15	256QAM	1	0	15.82	15.98	16.05		
15	256QAM	1	37	16.00	15.85	15.93	16.5	0
15	256QAM	1	74	15.80	16.07	15.88		
15	256QAM	36	0	15.88	15.93	15.98		
15	256QAM	36	20	16.00	16.02	15.88	16.5	0
15	256QAM	36	39	16.01	15.87	15.89		
15	256QAM	75	0	15.90	16.00	15.71		
10	Channel			132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1745	1775		
10	QPSK	1	0	16.24	16.16	15.76		
10	QPSK	1	25	16.08	16.13	16.01	16.5	0
10	QPSK	1	49	15.91	16.17	16.05		
10	QPSK	25	0	15.97	16.10	15.99		
10	QPSK	25	12	16.04	16.13	16.05	16.5	0
10	QPSK	25	25	16.09	16.08	15.93		
10	QPSK	50	0	16.04	16.03	16.02		
10	16QAM	1	0	16.13	16.06	15.99		
10	16QAM	1	25	16.04	16.12	16.00	16.5	0
10	16QAM	1	49	16.10	16.07	16.06		
10	16QAM	25	0	15.86	16.24	16.07		
10	16QAM	25	12	16.03	16.05	16.10	16.5	0
10	16QAM	25	25	16.08	15.89	16.04		
10	16QAM	50	0	16.00	16.08	16.04		
10	64QAM	1	0	16.08	15.96	16.10		
10	64QAM	1	25	15.98	16.23	16.02	16.5	0
10	64QAM	1	49	16.17	16.06	16.17		
10	64QAM	25	0	16.05	16.04	16.01		
10	64QAM	25	12	16.10	16.18	16.05	16.5	0
10	64QAM	25	25	16.15	16.01	16.21		
10	64QAM	50	0	15.93	16.14	15.94		
10	256QAM	1	0	15.81	15.89	16.12		
10	256QAM	1	25	16.00	15.88	15.91	16.5	0
10	256QAM	1	49	15.84	15.98	15.86		
10	256QAM	25	0	15.93	15.96	15.98		
10	256QAM	25	12	16.05	15.91	15.82	16.5	0
10	256QAM	25	25	16.03	15.77	15.90		
10	256QAM	50	0	15.84	16.03	15.70		
5	Channel			131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1745	1777.5		
5	QPSK	1	0	16.16	16.13	15.75		
5	QPSK	1	12	16.06	16.11	16.07	16.5	0
5	QPSK	1	24	15.96	16.19	16.14		
5	QPSK	12	0	15.98	16.09	16.06		
5	QPSK	12	7	16.06	16.12	16.10	16.5	0
5	QPSK	12	13	16.04	16.12	15.97		
5	QPSK	25	0	16.04	16.00	16.00		
5	16QAM	1	0	16.07	16.02	16.02		
5	16QAM	1	12	16.02	16.15	15.99	16.5	0
5	16QAM	1	24	16.04	16.01	16.08		
5	16QAM	12	0	15.95	16.23	16.08		
5	16QAM	12	7	15.92	16.09	16.09	16.5	0
5	16QAM	12	13	16.11	15.94	16.03		
5	16QAM	25	0	16.09	16.10	16.01		
5	64QAM	1	0	16.09	15.99	16.13		
5	64QAM	1	12	15.97	16.16	15.98	16.5	0
5	64QAM	1	24	16.19	16.06	16.11		
5	64QAM	12	0	16.03	16.03	16.01		
5	64QAM	12	7	16.04	16.18	15.99	16.5	0
5	64QAM	12	13	16.14	16.02	16.12		
5	64QAM	25	0	15.94	16.13	16.02		
5	256QAM	1	0	15.86	15.93	16.15		
5	256QAM	1	12	16.03	15.86	15.86	16.5	0
5	256QAM	1	24	15.82	16.04	15.86		
5	256QAM	12	0	15.89	15.97	15.90		
5	256QAM	12	7	16.06	16.02	15.84	16.5	0
5	256QAM	12	13	15.95	15.81	15.90		
5	256QAM	25	0	15.92	15.99	15.79		
3	Channel			131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1745	1778.5		
3	QPSK	1	0	16.21	16.08	15.73		
3	QPSK	1	8	16.03	16.11	16.09	16.5	0
3	QPSK	1	14	15.89	16.15	16.06		
3	QPSK	8	0	16.02	16.14	15.98		
3	QPSK	8	4	16.05	16.07	16.07	16.5	0
3	QPSK	8	7	16.12	16.11	15.97		
3	QPSK	15	0	16.03	16.02	15.94		
3	16QAM	1	0	16.09	16.08	16.05		
3	16QAM	1	8	16.12	16.05	16.06	16.5	0
3	16QAM	1	14	16.02	16.06	16.04		
3	16QAM	8	0	15.98	16.20	16.12		
3	16QAM	8	4	15.98	16.09	16.09	16.5	0
3	16QAM	8	7	16.10	15.97	16.07		
3	16QAM	15	0	16.06	16.17	16.05		
3	64QAM	1	0	16.10	16.01	16.15		
3	64QAM	1	8	16.01	16.19	16.03	16.5	0
3	64QAM	1	14	16.21	16.03	16.20		
3	64QAM	8	0	15.99	16.04	15.99		
3	64QAM	8	4	16.06	16.11	16.00	16.5	0
3	64QAM	8	7	16.08	16.07	16.19		
3	64QAM	15	0	16.00	16.14	16.02		
3	256QAM	1	0	15.87	15.92	16.05		
3	256QAM	1	8	15.99	15.85	15.88	16.5	0
3	256QAM	1	14	15.85	15.99	15.88		
3	256QAM	8	0	15.90	15.96	15.95		
3	256QAM	8	4	16.02	16.02	15.88	16.5	0
3	256QAM	8	7	15.95	15.85	15.98		
3	256QAM	15	0	15.82	16.06	15.73		
1.4	Channel			131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1745	1779.3		
1.4	QPSK	1	0	16.19	16.11	15.83		
1.4	QPSK	1	3	16.03	16.11	16.06		
1.4	QPSK	1	5	15.94	16.19	16.11	16.5	0
1.4	QPSK	3	0	15.97	16.17	16.06		
1.4	QPSK	3	1	16.11	16.05	16.08		
1.4	QPSK	3	3	16.08	16.11	15.95		
1.4	QPSK	6	0	15.99	15.96	15.99	16.5	0
1.4	16QAM	1	0	16.07	16.08	16.05		
1.4	16QAM	1	3	16.09	16.13	16.06		
1.4	16QAM	1	5	16.07	16.02	16.07	16.5	0
1.4	16QAM	3	0	15.88	16.24	16.13		
1.4	16QAM	3	1	15.93	16.14	16.10		
1.4	16QAM	3	3	16.06	15.91	16.14		
1.4	16QAM	6	0	16.11	16.16	15.95	16.5	0
1.4	64QAM	1	0	16.15	15.99	16.13		
1.4	64QAM	1	3	16.07	16.17	15.98		
1.4	64QAM	1	5	16.13	15.98	16.10	16.5	0
1.4	64QAM	3	0	16.05	16.07	16.00		
1.4	64QAM	3	1	16.02	16.11	15.99		
1.4	64QAM	3	3	16.05	16.05	16.21		
1.4	64QAM	6	0	15.90	16.15	15.98	16.5	0
1.4	256QAM	1	0	15.79	15.93	16.04		
1.4	256QAM	1	3	15.98	15.84	15.89		
1.4	256QAM	1	5	15.79	15.97	15.84	16.5	0
1.4	256QAM	3	0	15.88	15.92	15.91		
1.4	256QAM	3	1	15.96	15.96	15.80		
1.4	256QAM	3	3	15.99	15.88	16.00		
1.4	256QAM	6	0	15.82	16.03	15.76	16.5	0

Reduced Power Mode for Other PA DSI2 UL CA

Band 2 Ant 0 DSI2 sig path：44

BW [MHz]	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	21.45	21.53	21.16	22.5	0
20	QPSK	1	49	21.34	21.48	21.13		
20	QPSK	1	99	21.47	21.44	21.10		
20	QPSK	50	0	20.43	20.51	20.07	21.5	1
20	QPSK	50	24	20.44	20.42	20.18		
20	QPSK	50	50	20.38	20.37	20.05		
20	QPSK	100	0	20.43	20.47	20.06		
20	16QAM	1	0	20.47	20.56	20.12	21.5	1
20	16QAM	1	49	20.46	20.46	20.07		
20	16QAM	1	99	20.54	20.48	20.11		
20	16QAM	50	0	19.53	19.54	19.18	20.5	2
20	16QAM	50	24	19.48	19.50	19.17		
20	16QAM	50	50	19.38	19.59	19.28		
20	16QAM	100	0	19.40	19.49	19.08		
20	64QAM	1	0	19.43	19.55	19.26	20.5	2
20	64QAM	1	49	19.52	19.42	19.21		
20	64QAM	1	99	19.44	19.59	19.18		
20	64QAM	50	0	18.53	18.52	18.13	19.5	3
20	64QAM	50	24	18.58	18.49	18.19		
20	64QAM	50	50	18.42	18.58	18.17		
20	64QAM	100	0	18.45	18.52	18.15		
20	256QAM	1	0	16.68	16.69	16.29	17.5	5
20	256QAM	1	49	16.48	16.65	16.40		
20	256QAM	1	99	16.54	16.64	16.20		
20	256QAM	50	0	16.75	16.72	16.52	17.5	5
20	256QAM	50	24	16.55	16.67	16.27		
20	256QAM	50	50	16.63	16.70	16.31		
20	256QAM	100	0	16.52	16.69	16.20		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.48	21.49	21.18	22.5	0
15	QPSK	1	37	21.27	21.49	21.11		
15	QPSK	1	74	21.42	21.44	21.03		
15	QPSK	36	0	20.38	20.45	19.99	21.5	1
15	QPSK	36	20	20.41	20.34	20.21		
15	QPSK	36	39	20.38	20.36	20.03		
15	QPSK	75	0	20.42	20.39	20.08		
15	16QAM	1	0	20.45	20.58	20.11	21.5	1
15	16QAM	1	37	20.50	20.46	20.15		
15	16QAM	1	74	20.55	20.43	20.14		
15	16QAM	36	0	19.53	19.54	19.12	20.5	2
15	16QAM	36	20	19.50	19.49	19.21		
15	16QAM	36	39	19.35	19.59	19.26		
15	16QAM	75	0	19.33	19.52	19.05		
15	64QAM	1	0	19.35	19.49	19.22	20.5	2
15	64QAM	1	37	19.56	19.38	19.13		
15	64QAM	1	74	19.47	19.52	19.12		
15	64QAM	36	0	18.51	18.50	18.11	19.5	3
15	64QAM	36	20	18.58	18.45	18.21		
15	64QAM	36	39	18.45	18.57	18.19		
15	64QAM	75	0	18.41	18.51	18.14		
15	256QAM	1	0	16.68	16.67	16.30	17.5	5
15	256QAM	1	37	16.50	16.65	16.38		
15	256QAM	1	74	16.53	16.64	16.20		
15	256QAM	36	0	16.74	16.72	16.49	17.5	5
15	256QAM	36	20	16.55	16.69	16.31		
15	256QAM	36	39	16.65	16.72	16.30		
15	256QAM	75	0	16.48	16.64	16.21		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.44	21.46	21.13	22.5	0
10	QPSK	1	25	21.31	21.47	21.11		
10	QPSK	1	49	21.44	21.44	21.02		
10	QPSK	25	0	20.41	20.52	20.10	21.5	1
10	QPSK	25	12	20.44	20.38	20.16		
10	QPSK	25	25	20.37	20.34	20.05		
10	QPSK	50	0	20.37	20.50	20.07		
10	16QAM	1	0	20.39	20.51	20.13	21.5	1
10	16QAM	1	25	20.40	20.40	20.09		
10	16QAM	1	49	20.54	20.48	20.07		
10	16QAM	25	0	19.55	19.53	19.14	20.5	2
10	16QAM	25	12	19.48	19.46	19.15		
10	16QAM	25	25	19.33	19.54	19.24		
10	16QAM	50	0	19.34	19.48	19.02		
10	64QAM	1	0	19.42	19.52	19.25	20.5	2
10	64QAM	1	25	19.51	19.42	19.21		
10	64QAM	1	49	19.36	19.60	19.14		
10	64QAM	25	0	18.46	18.48	18.19	19.5	3
10	64QAM	25	12	18.53	18.48	18.16		
10	64QAM	25	25	18.36	18.60	18.11		
10	64QAM	50	0	18.43	18.47	18.12		
10	256QAM	1	0	16.65	16.71	16.26	17.5	5
10	256QAM	1	25	16.51	16.58	16.43		
10	256QAM	1	49	16.57	16.64	16.25		
10	256QAM	25	0	16.78	16.66	16.55	17.5	5
10	256QAM	25	12	16.59	16.60	16.34		
10	256QAM	25	25	16.65	16.65	16.33		
10	256QAM	50	0	16.45	16.67	16.23		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.46	21.49	21.09	22.5	0
5	QPSK	1	12	21.29	21.46	21.11		
5	QPSK	1	24	21.46	21.39	21.07		
5	QPSK	12	0	20.38	20.53	20.12	21.5	1
5	QPSK	12	7	20.42	20.44	20.18		
5	QPSK	12	13	20.32	20.35	20.07		
5	QPSK	25	0	20.41	20.42	20.05		
5	16QAM	1	0	20.45	20.51	20.09	21.5	1
5	16QAM	1	12	20.41	20.46	20.04		
5	16QAM	1	24	20.54	20.51	20.09		
5	16QAM	12	0	19.54	19.57	19.20	20.5	2
5	16QAM	12	7	19.41	19.45	19.21		
5	16QAM	12	13	19.33	19.51	19.25		
5	16QAM	25	0	19.43	19.42	19.10		
5	64QAM	1	0	19.40	19.53	19.21	20.5	2
5	64QAM	1	12	19.56	19.38	19.21		
5	64QAM	1	24	19.47	19.56	19.13		
5	64QAM	12	0	18.51	18.55	18.17	19.5	3
5	64QAM	12	7	18.61	18.50	18.11		
5	64QAM	12	13	18.39	18.50	18.18		
5	64QAM	25	0	18.46	18.53	18.09		
5	256QAM	1	0	16.65	16.69	16.31	17.5	5
5	256QAM	1	12	16.41	16.68	16.42		
5	256QAM	1	24	16.55	16.65	16.19		
5	256QAM	12	0	16.74	16.73	16.48	17.5	5
5	256QAM	12	7	16.51	16.71	16.24		
5	256QAM	12	13	16.65	16.67	16.34		
5	256QAM	25	0	16.49	16.66	16.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.44	21.50	21.10	22.5	0
3	QPSK	1	8	21.31	21.41	21.08		
3	QPSK	1	14	21.43	21.42	21.12		
3	QPSK	8	0	20.43	20.55	20.14	21.5	1
3	QPSK	8	4	20.46	20.44	20.19		
3	QPSK	8	7	20.38	20.40	20.05		
3	QPSK	15	0	20.41	20.49	20.03		
3	16QAM	1	0	20.43	20.57	20.20	21.5	1
3	16QAM	1	8	20.47	20.43	20.15		
3	16QAM	1	14	20.57	20.45	20.09		
3	16QAM	8	0	19.46	19.50	19.20	20.5	2
3	16QAM	8	4	19.50	19.45	19.15		
3	16QAM	8	7	19.31	19.53	19.22		
3	16QAM	15	0	19.42	19.49	19.10		
3	64QAM	1	0	19.40	19.52	19.23	20.5	2
3	64QAM	1	8	19.54	19.42	19.22		
3	64QAM	1	14	19.47	19.62	19.17		
3	64QAM	8	0	18.50	18.55	18.08	19.5	3
3	64QAM	8	4	18.52	18.47	18.19		
3	64QAM	8	7	18.41	18.58	18.11		
3	64QAM	15	0	18.47	18.50	18.16		
3	256QAM	1	0	16.65	16.62	16.30	17.5	5
3	256QAM	1	8	16.52	16.67	16.38		
3	256QAM	1	14	16.56	16.62	16.17		
3	256QAM	8	0	16.77	16.72	16.45	17.5	5
3	256QAM	8	4	16.49	16.59	16.31		
3	256QAM	8	7	16.62	16.72	16.27		
3	256QAM	15	0	16.46	16.64	16.20		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.42	21.45	21.11	22.5	0
1.4	QPSK	1	3	21.34	21.40	21.15		
1.4	QPSK	1	5	21.49	21.47	21.13		
1.4	QPSK	3	0	21.39	21.40	21.20		
1.4	QPSK	3	1	21.34	21.35	21.15		
1.4	QPSK	3	3	21.29	21.34	21.02		
1.4	QPSK	6	0	20.45	20.51	20.11	21.5	1
1.4	16QAM	1	0	20.47	20.41	20.18	21.5	1
1.4	16QAM	1	3	20.31	20.35	19.98		
1.4	16QAM	1	5	20.40	20.46	20.03		
1.4	16QAM	3	0	20.47	20.52	20.07		
1.4	16QAM	3	1	20.41	20.41	20.07		
1.4	16QAM	3	3	20.49	20.41	20.04		
1.4	16QAM	6	0	19.55	19.52	19.21	20.5	2
1.4	64QAM	1	0	19.44	19.45	19.11	20.5	2
1.4	64QAM	1	3	19.33	19.53	19.22		
1.4	64QAM	1	5	19.44	19.45	19.05		
1.4	64QAM	3	0	19.40	19.58	19.24		
1.4	64QAM	3	1	19.53	19.39	19.18		
1.4	64QAM	3	3	19.45	19.60	19.19		
1.4	64QAM	6	0	18.41	18.44	18.22	19.5	3
1.4	256QAM	1	0	16.66	16.69	16.27	17.5	5
1.4	256QAM	1	3	16.42	16.61	16.33		
1.4	256QAM	1	5	16.49	16.58	16.27		
1.4	256QAM	3	0	16.69	16.69	16.54		
1.4	256QAM	3	1	16.51	16.67	16.27		
1.4	256QAM	3	3	16.64	16.72	16.24		
1.4	256QAM	6	0	16.53	16.67	16.25	17.5	5

Band 2 Ant 0 DSI2 sig path：456

BW [MHz]	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	21.51	21.63	21.30	22.5	0
20	QPSK	1	49	21.42	21.59	21.17		
20	QPSK	1	99	21.56	21.52	21.25		
20	QPSK	50	0	20.57	20.61	20.18	21.5	1
20	QPSK	50	24	20.49	20.58	20.32		
20	QPSK	50	50	20.47	20.47	20.12		
20	QPSK	100	0	20.51	20.56	20.19		
20	16QAM	1	0	20.60	20.60	20.27	21.5	1
20	16QAM	1	49	20.52	20.56	20.21		
20	16QAM	1	99	20.65	20.57	20.21		
20	16QAM	50	0	19.68	19.63	19.29	20.5	2
20	16QAM	50	24	19.53	19.58	19.32		
20	16QAM	50	50	19.42	19.65	19.41		
20	16QAM	100	0	19.46	19.60	19.16		
20	64QAM	1	0	19.47	19.61	19.34	20.5	2
20	64QAM	1	49	19.61	19.51	19.27		
20	64QAM	1	99	19.56	19.72	19.22		
20	64QAM	50	0	18.66	18.65	18.22	19.5	3
20	64QAM	50	24	18.64	18.62	18.23		
20	64QAM	50	50	18.49	18.71	18.30		
20	64QAM	100	0	18.49	18.61	18.21		
20	256QAM	1	0	16.80	16.76	16.40	17.5	5
20	256QAM	1	49	16.55	16.70	16.51		
20	256QAM	1	99	16.60	16.77	16.38		
20	256QAM	50	0	16.81	16.78	16.64	17.5	5
20	256QAM	50	24	16.66	16.71	16.33		
20	256QAM	50	50	16.77	16.81	16.45		
20	256QAM	100	0	16.63	16.80	16.34		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.44	21.56	21.15	22.5	0
15	QPSK	1	37	21.27	21.46	21.07		
15	QPSK	1	74	21.43	21.41	21.10		
15	QPSK	36	0	20.52	20.47	20.02	21.5	1
15	QPSK	36	20	20.36	20.43	20.26		
15	QPSK	36	39	20.36	20.40	20.03		
15	QPSK	75	0	20.37	20.49	20.14		
15	16QAM	1	0	20.47	20.49	20.20	21.5	1
15	16QAM	1	37	20.37	20.52	20.16		
15	16QAM	1	74	20.57	20.47	20.14		
15	16QAM	36	0	19.56	19.50	19.17	20.5	2
15	16QAM	36	20	19.42	19.48	19.19		
15	16QAM	36	39	19.29	19.51	19.28		
15	16QAM	75	0	19.39	19.51	19.11		
15	64QAM	1	0	19.40	19.56	19.28	20.5	2
15	64QAM	1	37	19.45	19.46	19.15		
15	64QAM	1	74	19.46	19.64	19.23		
15	64QAM	36	0	18.57	18.56	18.21	19.5	3
15	64QAM	36	20	18.54	18.55	18.20		
15	64QAM	36	39	18.39	18.63	18.16		
15	64QAM	75	0	18.45	18.50	18.06		
15	256QAM	1	0	16.67	16.71	16.28	17.5	5
15	256QAM	1	37	16.43	16.60	16.46		
15	256QAM	1	74	16.50	16.69	16.29		
15	256QAM	36	0	16.77	16.68	16.50	17.5	5
15	256QAM	36	20	16.56	16.64	16.35		
15	256QAM	36	39	16.63	16.75	16.40		
15	256QAM	75	0	16.50	16.66	16.19		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.42	21.51	21.21	22.5	0
10	QPSK	1	25	21.35	21.54	21.13		
10	QPSK	1	49	21.41	21.43	21.09		
10	QPSK	25	0	20.49	20.52	20.05	21.5	1
10	QPSK	25	12	20.37	20.47	20.17		
10	QPSK	25	25	20.37	20.37	20.07		
10	QPSK	50	0	20.45	20.41	20.06		
10	16QAM	1	0	20.52	20.50	20.14	21.5	1
10	16QAM	1	25	20.37	20.49	20.15		
10	16QAM	1	49	20.58	20.45	20.17		
10	16QAM	25	0	19.56	19.54	19.13	20.5	2
10	16QAM	25	12	19.38	19.47	19.26		
10	16QAM	25	25	19.36	19.59	19.26		
10	16QAM	50	0	19.34	19.51	19.05		
10	64QAM	1	0	19.40	19.55	19.18	20.5	2
10	64QAM	1	25	19.50	19.41	19.15		
10	64QAM	1	49	19.48	19.57	19.17		
10	64QAM	25	0	18.53	18.53	18.11	19.5	3
10	64QAM	25	12	18.54	18.49	18.17		
10	64QAM	25	25	18.40	18.59	18.23		
10	64QAM	50	0	18.38	18.56	18.16		
10	256QAM	1	0	16.71	16.69	16.32	17.5	5
10	256QAM	1	25	16.47	16.58	16.39		
10	256QAM	1	49	16.47	16.63	16.27		
10	256QAM	25	0	16.75	16.67	16.54	17.5	5
10	256QAM	25	12	16.58	16.58	16.28		
10	256QAM	25	25	16.71	16.70	16.29		
10	256QAM	50	0	16.56	16.70	16.23		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.45	21.49	21.19	22.5	0
5	QPSK	1	12	21.32	21.45	21.02		
5	QPSK	1	24	21.51	21.45	21.20		
5	QPSK	12	0	20.45	20.51	20.11	21.5	1
5	QPSK	12	7	20.45	20.53	20.26		
5	QPSK	12	13	20.37	20.34	20.07		
5	QPSK	25	0	20.42	20.43	20.04		
5	16QAM	1	0	20.51	20.53	20.15	21.5	1
5	16QAM	1	12	20.38	20.48	20.16		
5	16QAM	1	24	20.50	20.45	20.06		
5	16QAM	12	0	19.64	19.59	19.22	20.5	2
5	16QAM	12	7	19.38	19.52	19.23		
5	16QAM	12	13	19.29	19.56	19.33		
5	16QAM	25	0	19.35	19.47	19.08		
5	64QAM	1	0	19.33	19.49	19.30	20.5	2
5	64QAM	1	12	19.54	19.44	19.22		
5	64QAM	1	24	19.45	19.67	19.17		
5	64QAM	12	0	18.54	18.57	18.12	19.5	3
5	64QAM	12	7	18.53	18.51	18.10		
5	64QAM	12	13	18.43	18.59	18.20		
5	64QAM	25	0	18.36	18.51	18.16		
5	256QAM	1	0	16.67	16.65	16.30	17.5	5
5	256QAM	1	12	16.45	16.67	16.44		
5	256QAM	1	24	16.44	16.69	16.29		
5	256QAM	12	0	16.71	16.72	16.55	17.5	5
5	256QAM	12	7	16.55	16.59	16.31		
5	256QAM	12	13	16.72	16.71	16.29		
5	256QAM	25	0	16.51	16.69	16.30		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.46	21.54	21.23	22.5	0
3	QPSK	1	8	21.38	21.55	21.11		
3	QPSK	1	14	21.43	21.38	21.17		
3	QPSK	8	0	20.43	20.48	20.03	21.5	1
3	QPSK	8	4	20.44	20.51	20.24		
3	QPSK	8	7	20.33	20.36	20.04		
3	QPSK	15	0	20.39	20.51	20.14		
3	16QAM	1	0	20.51	20.47	20.17	21.5	1
3	16QAM	1	8	20.45	20.45	20.16		
3	16QAM	1	14	20.52	20.47	20.11		
3	16QAM	8	0	19.62	19.56	19.15	20.5	2
3	16QAM	8	4	19.47	19.46	19.27		
3	16QAM	8	7	19.27	19.52	19.37		
3	16QAM	15	0	19.38	19.49	19.09		
3	64QAM	1	0	19.32	19.54	19.21	20.5	2
3	64QAM	1	8	19.50	19.37	19.20		
3	64QAM	1	14	19.50	19.59	19.16		
3	64QAM	8	0	18.58	18.49	18.17	19.5	3
3	64QAM	8	4	18.51	18.46	18.16		
3	64QAM	8	7	18.35	18.60	18.16		
3	64QAM	15	0	18.42	18.54	18.10		
3	256QAM	1	0	16.71	16.68	16.27	17.5	5
3	256QAM	1	8	16.52	16.63	16.43		
3	256QAM	1	14	16.47	16.70	16.28		
3	256QAM	8	0	16.70	16.69	16.49	17.5	5
3	256QAM	8	4	16.59	16.58	16.28		
3	256QAM	8	7	16.64	16.70	16.32		
3	256QAM	15	0	16.51	16.73	16.29		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.47	21.52	21.26	22.5	0
1.4	QPSK	1	3	21.32	21.45	21.05		
1.4	QPSK	1	5	21.51	21.39	21.12		
1.4	QPSK	3	0	21.38	21.48	21.21		
1.4	QPSK	3	1	21.37	21.46	21.06		
1.4	QPSK	3	3	21.43	21.36	21.13		
1.4	QPSK	6	0	20.53	20.46	20.07	21.5	1
1.4	16QAM	1	0	20.37	20.50	20.20	21.5	1
1.4	16QAM	1	3	20.31	20.40	20.08		
1.4	16QAM	1	5	20.39	20.42	20.13		
1.4	16QAM	3	0	20.53	20.53	20.12		
1.4	16QAM	3	1	20.38	20.45	20.12		
1.4	16QAM	3	3	20.52	20.44	20.06		
1.4	16QAM	6	0	19.57	19.57	19.13	20.5	2
1.4	64QAM	1	0	19.42	19.49	19.25	20.5	2
1.4	64QAM	1	3	19.31	19.60	19.34		
1.4	64QAM	1	5	19.37	19.49	19.19		
1.4	64QAM	3	0	19.32	19.48	19.22		
1.4	64QAM	3	1	19.47	19.37	19.15		
1.4	64QAM	3	3	19.48	19.55	19.11		
1.4	64QAM	6	0	18.51	18.58	18.16	19.5	3
1.4	256QAM	1	0	16.75	16.70	16.26	17.5	5
1.4	256QAM	1	3	16.45	16.64	16.41		
1.4	256QAM	1	5	16.59	16.65	16.32		
1.4	256QAM	3	0	16.46	16.60	16.54		
1.4	256QAM	3	1	16.58	16.58	16.31		
1.4	256QAM	3	3	16.72	16.75	16.37		
1.4	256QAM	6	0	16.58	16.69	16.20	17.5	5

Band 4 Ant 0 DSI2 sig path：69

BW [MHz]	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	22.08	22.13	22.06	23	0
20	QPSK	1	49	21.95	22.12	21.95		
20	QPSK	1	99	22.01	22.12	21.96		
20	QPSK	50	0	21.01	21.15	20.98	22	1
20	QPSK	50	24	21.06	21.10	21.06		
20	QPSK	50	50	21.02	21.13	21.07		
20	QPSK	100	0	21.02	21.12	21.09		
20	16QAM	1	0	21.07	21.21	21.06	22	1
20	16QAM	1	49	21.

Band 4 Ant 0 DSI2 sig path：452

BW [MHz]	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	22.06	22.11	22.02		
20	QPSK	1	49	21.85	22.03	21.91	23	0
20	QPSK	1	99	21.99	22.00	21.95		
20	QPSK	50	0	20.98	21.16	21.02		
20	QPSK	50	24	20.93	21.01	20.99	22	1
20	QPSK	50	50	21.04	21.06	20.95		
20	QPSK	100	0	20.99	21.12	21.03		
20	16QAM	1	0	20.96	21.18	21.05		
20	16QAM	1	49	21.11	21.02	20.92	22	1
20	16QAM	1	99	21.01	21.09	21.07		
20	16QAM	50	0	20.12	20.16	20.06		
20	16QAM	50	24	19.98	20.09	20.09	21	2
20	16QAM	50	50	19.97	20.22	20.13		
20	16QAM	100	0	19.94	20.10	19.90		
20	64QAM	1	0	19.99	20.06	19.99		
20	64QAM	1	49	20.00	20.06	19.99	21	2
20	64QAM	1	99	19.93	20.10	19.92		
20	64QAM	50	0	19.00	19.08	19.07		
20	64QAM	50	24	19.15	19.12	19.08	20	3
20	64QAM	50	50	18.95	19.19	19.01		
20	64QAM	100	0	18.99	19.01	19.04		
20	256QAM	1	0	17.21	17.17	17.00		
20	256QAM	1	49	17.02	17.19	17.24	18	5
20	256QAM	1	99	17.10	17.23	16.95		
20	256QAM	50	0	17.31	17.25	17.44		
20	256QAM	50	24	17.16	17.28	17.18	18	5
20	256QAM	50	50	17.21	17.24	17.20		
20	256QAM	100	0	17.07	17.24	17.08		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.05	22.01	22.05		
15	QPSK	1	37	21.86	22.03	21.92	23	0
15	QPSK	1	74	22.00	22.10	21.80		
15	QPSK	36	0	20.93	21.04	20.88		
15	QPSK	36	20	20.92	21.08	20.97	22	1
15	QPSK	36	39	20.91	21.08	21.03		
15	QPSK	75	0	20.96	20.99	21.00		
15	16QAM	1	0	21.04	21.07	20.95		
15	16QAM	1	37	20.96	20.93	20.87	22	1
15	16QAM	1	74	20.97	21.07	21.05		
15	16QAM	36	0	20.10	20.01	19.98		
15	16QAM	36	20	19.99	20.16	20.00	21	2
15	16QAM	36	39	19.99	20.15	19.98		
15	16QAM	75	0	19.94	20.04	19.87		
15	64QAM	1	0	20.03	20.12	20.11		
15	64QAM	1	37	20.07	20.05	19.94	21	2
15	64QAM	1	74	20.04	20.12	19.96		
15	64QAM	36	0	18.98	19.02	18.97		
15	64QAM	36	20	18.99	19.02	19.07	20	3
15	64QAM	36	39	18.92	19.17	19.07		
15	64QAM	75	0	18.92	18.99	19.02		
15	256QAM	1	0	17.17	17.20	16.98		
15	256QAM	1	37	17.05	17.16	17.21	18	5
15	256QAM	1	74	17.01	17.17	17.02		
15	256QAM	36	0	17.25	17.27	17.38		
15	256QAM	36	20	17.12	17.15	17.11	18	5
15	256QAM	36	39	17.26	17.26	17.11		
15	256QAM	75	0	17.01	17.16	16.99		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.03	21.99	22.05		
10	QPSK	1	25	21.90	22.01	21.94	23	0
10	QPSK	1	49	21.92	21.96	21.85		
10	QPSK	25	0	20.89	21.04	20.92		
10	QPSK	25	12	21.01	21.00	21.04	22	1
10	QPSK	25	25	20.99	21.10	20.92		
10	QPSK	50	0	20.93	21.09	21.03		
10	16QAM	1	0	21.07	21.16	21.01		
10	16QAM	1	25	20.97	20.93	21.00	22	1
10	16QAM	1	49	21.07	21.01	20.90		
10	16QAM	25	0	20.13	20.05	19.97		
10	16QAM	25	12	19.95	20.17	20.01	21	2
10	16QAM	25	25	19.99	20.05	19.98		
10	16QAM	50	0	19.89	19.97	19.84		
10	64QAM	1	0	20.06	20.09	20.02		
10	64QAM	1	25	20.06	19.91	19.92	21	2
10	64QAM	1	49	20.01	20.14	19.91		
10	64QAM	25	0	18.93	19.10	19.00		
10	64QAM	25	12	18.99	19.03	19.13	20	3
10	64QAM	25	25	18.91	19.10	19.06		
10	64QAM	50	0	18.97	19.10	18.95		
10	256QAM	1	0	17.17	17.20	17.02		
10	256QAM	1	25	16.98	17.26	17.15	18	5
10	256QAM	1	49	17.04	17.22	17.02		
10	256QAM	25	0	17.24	17.32	17.27		
10	256QAM	25	12	16.99	17.20	17.04	18	5
10	256QAM	25	25	17.26	17.21	17.26		
10	256QAM	50	0	17.06	17.21	17.03		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.02	22.07	22.05		
5	QPSK	1	12	21.84	22.07	21.86	23	0
5	QPSK	1	24	21.89	22.04	21.94		
5	QPSK	12	0	20.91	21.03	20.84		
5	QPSK	12	7	20.92	21.09	20.98	22	1
5	QPSK	12	13	20.97	21.06	21.03		
5	QPSK	25	0	20.93	21.02	20.95		
5	16QAM	1	0	21.04	21.19	21.03		
5	16QAM	1	12	21.08	20.93	20.98	22	1
5	16QAM	1	24	21.05	21.02	21.01		
5	16QAM	12	0	20.02	20.02	19.96		
5	16QAM	12	7	20.00	20.07	20.03	21	2
5	16QAM	12	13	19.90	20.06	20.11		
5	16QAM	25	0	20.02	20.03	19.93		
5	64QAM	1	0	19.92	20.09	20.02		
5	64QAM	1	12	19.99	20.00	19.94	21	2
5	64QAM	1	24	19.90	20.09	19.99		
5	64QAM	12	0	18.94	19.09	18.96		
5	64QAM	12	7	19.00	19.11	19.01	20	3
5	64QAM	12	13	19.00	19.07	19.02		
5	64QAM	25	0	18.92	18.98	19.04		
5	256QAM	1	0	17.18	17.28	16.99		
5	256QAM	1	12	16.97	17.24	17.15	18	5
5	256QAM	1	24	17.13	17.20	17.07		
5	256QAM	12	0	17.31	17.27	17.41		
5	256QAM	12	7	17.06	17.25	17.04	18	5
5	256QAM	12	13	17.24	17.29	17.13		
5	256QAM	25	0	17.12	17.22	17.08		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.98	22.03	22.00		
3	QPSK	1	8	21.84	22.06	21.89	23	0
3	QPSK	1	14	21.88	22.01	21.94		
3	QPSK	8	0	20.89	21.15	20.90		
3	QPSK	8	4	21.01	21.06	20.92	22	1
3	QPSK	8	7	21.01	21.13	20.99		
3	QPSK	15	0	21.02	21.12	21.01		
3	16QAM	1	0	21.06	21.17	20.95		
3	16QAM	1	8	20.95	20.94	20.93	22	1
3	16QAM	1	14	21.09	20.95	20.98		
3	16QAM	8	0	20.01	20.09	20.03		
3	16QAM	8	4	20.04	20.10	19.96	21	2
3	16QAM	8	7	19.98	20.13	20.05		
3	16QAM	15	0	19.92	20.00	19.96		
3	64QAM	1	0	19.90	20.08	19.97		
3	64QAM	1	8	20.02	19.98	19.92	21	2
3	64QAM	1	14	19.91	20.10	20.03		
3	64QAM	8	0	19.05	19.13	18.92		
3	64QAM	8	4	18.99	19.14	19.03	20	3
3	64QAM	8	7	18.98	19.12	18.94		
3	64QAM	15	0	18.92	19.11	19.01		
3	256QAM	1	0	17.20	17.25	16.98		
3	256QAM	1	8	17.09	17.16	17.13	18	5
3	256QAM	1	14	17.12	17.19	16.93		
3	256QAM	8	0	17.31	17.32	17.26		
3	256QAM	8	4	17.03	17.27	17.09	18	5
3	256QAM	8	7	17.13	17.17	17.15		
3	256QAM	15	0	17.02	17.23	16.94		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.88	22.09	22.03		
1.4	QPSK	1	3	21.98	21.92	21.99		
1.4	QPSK	1	5	22.05	21.95	22.03	23	0
1.4	QPSK	3	0	21.90	21.98	22.10		
1.4	QPSK	3	1	21.94	21.88	21.96		
1.4	QPSK	3	3	21.94	22.03	22.04		
1.4	QPSK	6	0	20.89	21.21	21.09	22	1
1.4	16QAM	1	0	20.96	20.85	20.81		
1.4	16QAM	1	3	21.07	20.72	20.90		
1.4	16QAM	1	5	21.10	21.14	20.96	22	1
1.4	16QAM	3	0	20.92	20.94	20.85		
1.4	16QAM	3	1	20.77	20.92	20.84		
1.4	16QAM	3	3	21.06	21.00	21.07		
1.4	16QAM	6	0	20.07	20.05	20.01	21	2
1.4	64QAM	1	0	19.96	20.08	19.76		
1.4	64QAM	1	3	19.86	20.02	19.97		
1.4	64QAM	1	5	20.05	20.06	19.86	21	2
1.4	64QAM	3	0	20.06	20.10	20.14		
1.4	64QAM	3	1	20.10	19.96	20.15		
1.4	64QAM	3	3	20.12	20.13	20.24		
1.4	64QAM	6	0	19.24	19.12	19.03	20	3
1.4	256QAM	1	0	17.12	17.08	17.05		
1.4	256QAM	1	3	16.98	17.13	17.22		
1.4	256QAM	1	5	17.00	17.13	17.08	18	5
1.4	256QAM	3	0	17.36	17.20	17.31		
1.4	256QAM	3	1	17.02	17.34	17.25		
1.4	256QAM	3	3	17.15	17.31	17.10		
1.4	256QAM	6	0	16.95	17.24	17.00	18	5

Band 66 Ant 0 DSI2 sig path：70

BW [MHz]	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	22.09	22.15	21.80		
20	QPSK	1	49	21.93	22.10	21.81	23	0
20	QPSK	1	99	22.12	22.06	21.78		
20	QPSK	50	0	21.13	21.23	20.78		
20	QPSK	50	24	21.16	21.08	20.85	22	1
20	QPSK	50	50	20.93	21.02	20.90		
20	QPSK	100	0	21.01	21.15	20.67		
20	16QAM	1	0	21.13	21.27	20.84		
20	16QAM	1	49	21.17	21.06	20.81	22	1
20	16QAM	1	99	21.12	21.14	20.81		
20	16QAM	50	0	20.13	20.29	19.80		
20	16QAM	50	24	20.08	20.24	19.94	21	2
20	16QAM	50	50	20.12	20.22	19.90		
20	16QAM	100	0	19.99	20.06	19.60		
20	64QAM	1	0	20.07	20.23	19.84		
20	64QAM	1	49	20.16	20.03	19.92	21	2
20	64QAM	1	99	20.11	20.32	19.88		
20	64QAM	50	0	19.22	19.33	18.78		
20	64QAM	50	24	19.26	19.13	18.86	20	3
20	64QAM	50	50	19.15	19.19	18.87		
20	64QAM	100	0	19.05	19.21	18.73		
20	256QAM	1	0	17.35	17.21	16.96		
20	256QAM	1	49	17.13	17.21	17.12	18	5
20	256QAM	1	99	17.20	17.29	16.91		
20	256QAM	50	0	17.38	17.36	17.17		
20	256QAM	50	24	17.18	17.33	16.96	18	5
20	256QAM	50	50	17.19	17.29	16.98		
20	256QAM	100	0	17.15	17.35	16.87		
Channel				132047	132222	132397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.00	22.06	21.67		
15	QPSK	1	37	21.87	21.95	21.73	23	0
15	QPSK	1	74	21.98	21.97	21.65		
15	QPSK	36	0	21.09	21.14	20.73		
15	QPSK	36	20	21.08	20.96	20.71	22	1
15	QPSK	36	39	20.78	20.95	20.81		
15	QPSK	75	0	20.96	21.03	20.60		
15	16QAM	1	0	21.01	21.12	20.75		
15	16QAM	1	37	21.12	20.96	20.72	22	1
15	16QAM	1	74	20.97	21.06	20.65		
15	16QAM	36	0	19.98	20.25	19.84		
15	16QAM	36	20	20.03	20.15	20.00	21	2
15	16QAM	36	39	19.93	20.17	19.88		
15	16QAM	75	0	19.87	19.97	19.56		
15	64QAM	1	0	19.93	20.09	19.82		
15	64QAM	1	37	20.10	19.88	19.88	21	2
15	64QAM	1	74	19.97	20.25	19.92		
15	64QAM	36	0	19.18	19.06	18.68		
15	64QAM	36	20	19.13	19.07	18.79	20	3
15	64QAM	36	39	19.00	19.13	18.74		
15	64QAM	75	0	18.90	19.15	18.66		
15	256QAM	1	0	17.29	17.20	16.91		
15	256QAM	1	37	16.99	17.07	17.03	18	5
15	256QAM	1	74	17.09	17.24	16.82		
15	256QAM	36	0	17.25	17.28	17.04		
15	256QAM	36	20	17.08	17.24	16.82	18	5
15	256QAM	36	39	17.06	17.16	16.90		
15	256QAM	75	0	17.09	17.24	16.82		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.04	22.09	21.74		
10	QPSK	1	25	21.81	22.03	21.72	23	0
10	QPSK	1	49	22.06	21.94	21.64		
10	QPSK	25	0	20.98	21.10	20.62		
10	QPSK	25	12	21.01	20.98	20.77	22	1
10	QPSK	25	25	20.83	20.89	20.82		
10	QPSK	50	0	20.90	21.05	20.57		
10	16QAM	1	0	21.06	21.18	20.77		
10	16QAM	1	25	21.01	21.00	20.69	22	1
10	16QAM	1	49	21.03	21.07	20.75		
10	16QAM	25	0	19.98	20.17	19.72		
10	16QAM	25	12	19.96	20.13	19.80	21	2
10	16QAM	25	25	20.01	20.17	19.75		
10	16QAM	50	0	19.92	19.90	19.52		
10	64QAM	1	0	19.94	20.17	19.73		
10	64QAM	1	25	20.07	19.96	19.84	21	2
10	64QAM	1	49	20.02	20.23	19.82		
10	64QAM	25	0	19.13	19.10	18.76		
10	64QAM	25	12	19.21	19.06	18.89	20	3
10	64QAM	25	25	19.02	19.09	18.84		
10	64QAM	50	0	18.95	19.15	18.69		
10	256QAM	1	0	17.25	17.15	16.81		
10	256QAM	1	25	16.97	17.11	16.97	18	5
10	256QAM	1	49	17.10	17.17	16.85		
10	256QAM	25	0	17.28	17.28	17.01		
10	256QAM	25	12	17.05	17.20	16.81	18	5
10	256QAM	25	25	17.14	17.24	16.84		
10	256QAM	50	0	17.00	17.28	16.78		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.04	22.02	21.66		
5	QPSK	1	12	21.83	21.96	21.77	23	0
5	QPSK	1	24	21.99	21.96	21.71		
5	QPSK	12	0	21.03	21.14	20.71		
5	QPSK	12	7	21.11	20.99	20.74	22	1
5	QPSK	12	13	20.81	20.91	20.84		
5	QPSK	25	0	20.90	21.01	20.55		
5	16QAM	1	0	21.00	21.14	20.76		
5	16QAM	1	12	21.09	20.96	20.73	22	1
5	16QAM	1	24	21.04	21.00	20.70		
5	16QAM	12	0	20.00	20.20	19.76		
5	16QAM	12	7	19.95	20.17	19.91	21	2
5	16QAM	12	13	19.97	20.16	19.85		
5	16QAM	25	0	19.88	19.90	19.55		
5	64QAM	1	0	19.96	20.10	19.77		
5	64QAM	1	12	20.01	19.95	19.84	21	2
5	64QAM	1	24	19.97	20.16	19.82		
5	64QAM	12	0	19.11	19.03	18.77		
5	64QAM	12	7	19.19	19.00	18.88	20	3
5	64QAM	12	13	19.11	19.04	18.82		
5	64QAM	25	0	18.94	19.10	18.68		
5	256QAM	1	0	17.20	17.21	16.88		
5	256QAM	1	12	17.02	17.16	16.97	18	5
5	256QAM	1	24	17.09	17.15	16.84		
5	256QAM	12	0	17.32	17.20	17.13		
5	256QAM	12	7	17.12	17.26	16.89	18	5
5	256QAM	12	13	17.14	17.25	16.84		
5	256QAM	25	0	17.09	17.19	16.78		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.02	22.08	21.68		
3	QPSK	1	8	21.77	21.96	21.66	23	0
3	QPSK	1	14	22.06	21.96	21.62		
3	QPSK	8	0	21.04	21.09	20.64		
3	QPSK	8	4	21.11	21.02	20.71	22	1
3	QPSK	8	7	20.82	20.91	20.86		
3	QPSK	15	0	20.87	21.09	20.64		
3	16QAM	1	0	21.01	21.21	20.87		
3	16QAM	1	8	21.03	21.00	20.83	22	1
3	16QAM	1	14	21.06	21.02	20.79		
3	16QAM	8	0	20.03	20.23	19.74		
3	16QAM	8	4	20.02	20.13	19.91	21	2
3	16QAM	8	7	19.97	20.10	19.79		
3	16QAM	15	0	19.94	19.91	19.48		
3	64QAM	1	0	19.94	20.12	19.78		
3	64QAM	1	8	20.08	19.90	19.80	21	2
3	64QAM	1	14	20.01	20.24	19.76		
3	64QAM	8	0	19.08	19.09	18.73		
3	64QAM	8	4	19.16	19.00	18.88	20	3
3	64QAM	8	7	18.99	19.07	18.85		
3	64QAM	15	0	18.94	19.08	18.63		
3	256QAM	1	0	17.22	17.20	16.88		
3	256QAM	1	8	17.02	17.09	16.99	18	5
3	256QAM	1	14	17.08	17.23	16.85		
3	256QAM	8	0	17.23	17.30	17.02		
3	256QAM	8	4	17.13	17.22	16.92	18	5
3	256QAM	8	7	17.06	17.15	16.85		
3	256QAM	15	0	17.08	17.23	16.77		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.95	22.03	21.71		
1.4	QPSK	1	3	21.80	21.95	21.75		
1.4	QPSK	1	5	21.97	21.92	21.71	23	0
1.4	QPSK	3	0	22.04	22.01	21.71		
1.4	QPSK	3	1	21.78	21.96	21.69		
1.4	QPSK	3	3	21.98	21.98	21.69		
1.4	QPSK	6	0	21.00	21.07	20.65	22	1
1.4	16QAM	1	0	21.06	20.97	20.80		
1.4	16QAM	1	3	20.78	20.88	20.85		
1.4	16QAM	1	5	20.85	21.01	20.63	22	1
1.4	16QAM	3	0	21.06	21.13	20.77		
1.4	16QAM	3	1	21.12	20.93	20.74		
1.4	16QAM	3	3	20.98	21.02	20.68		
1.4	16QAM	6	0	20.02	20.15	19.69	21	2
1.4	64QAM	1	0	19.97	20.20	20.01		
1.4	64QAM	1	3	20.06	20.16	19.95		
1.4	64QAM	1	5	19.83	19.97	19.74	21	2
1.4	64QAM	3	0	19.92	20.10	19.88		
1.4	64QAM	3	1	20.04	19.95	19.84		
1.4	64QAM	3	3	20.00	20.21	19.73		
1.4	64QAM	6	0	19.10	19.10	18.70	20	3
1.4	256QAM	1	0	17.26	17.15	16.91		
1.4	256QAM	1	3	17.06	17.10	17.03		
1.4	256QAM	1	5	17.14	17.21	16.85	18	5
1.4	256QAM	3	0	17.25	17.22	17.06		
1.4	256QAM	3	1	17.07	17.19	16.89		
1.4	256QAM	3	3	17.07	17.15	16.84		
1.4	256QAM	6	0	17.00	17.30	16.97	18	5

Band 66 Ant 0 DSI2 sig path：453

BW [MHz]	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	22.06	22.17	22.12		
20	QPSK	1	49	21.92	22.13	21.97	23	0
20	QPSK	1	99	22.02	22.09	22.04		
20	QPSK	50	0	21.00	21.23	21.03		
20	QPSK	50	24	21.04	21.10	21.00	22	1
20	QPSK	50	50	21.12	21.12	21.03		
20	QPSK	100	0	21.00	21.11	21.09		
20	16QAM	1	0	21.04	21.18	21.14		
20	16QAM	1	49	21.15	21.04	20.94	22	1
20	16QAM	1	99	21.03	21.12	21.11		
20	16QAM	50	0	20.17	20.22	20.15		
20	16QAM	50	24	20.05	20.13	20.11	21	2
20	16QAM	50	50	20.02	20.26	20.20		
20	16QAM	100	0	19.95

Band 2 Ant 4 DSI2 sig path：44

BW [MHz]	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	17.32	17.58	17.47		
20	QPSK	1	49	17.39	17.45	17.33	18	0
20	QPSK	1	99	17.29	17.35	17.28		
20	QPSK	50	0	17.44	17.49	17.35		
20	QPSK	50	24	17.32	17.44	17.36	18	0
20	QPSK	50	50	17.33	17.32	17.39		
20	QPSK	100	0	17.42	17.43	17.34		
20	16QAM	1	0	17.42	17.28	17.38		
20	16QAM	1	49	17.43	17.41	17.33	18	0
20	16QAM	1	99	17.26	17.40	17.33		
20	16QAM	50	0	17.38	17.21	17.29		
20	16QAM	50	24	17.39	17.34	17.34	18	0
20	16QAM	50	50	17.45	17.29	17.31		
20	16QAM	100	0	17.38	17.45	17.30		
20	64QAM	1	0	17.43	17.35	17.30		
20	64QAM	1	49	17.28	17.34	17.36	18	0
20	64QAM	1	99	17.25	17.35	17.46		
20	64QAM	50	0	17.34	17.33	17.28		
20	64QAM	50	24	17.30	17.31	17.38	18	0
20	64QAM	50	50	17.36	17.39	17.24		
20	64QAM	100	0	17.36	17.34	17.30		
20	256QAM	1	0	17.21	17.42	17.32		
20	256QAM	1	49	17.26	17.35	17.25	18	0
20	256QAM	1	99	17.20	17.19	17.12		
20	256QAM	50	0	17.37	17.29	17.23		
20	256QAM	50	24	17.21	17.30	17.15	18	0
20	256QAM	50	50	17.16	17.21	17.30		
20	256QAM	100	0	17.17	17.32	17.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.25	17.45	17.35		
15	QPSK	1	37	17.28	17.31	17.26	18	0
15	QPSK	1	74	17.16	17.23	17.18		
15	QPSK	36	0	17.37	17.36	17.23		
15	QPSK	36	20	17.21	17.35	17.26	18	0
15	QPSK	36	39	17.20	17.21	17.30		
15	QPSK	75	0	17.32	17.33	17.25		
15	16QAM	1	0	17.32	17.15	17.31		
15	16QAM	1	37	17.32	17.36	17.25	18	0
15	16QAM	1	74	17.15	17.29	17.20		
15	16QAM	36	0	17.31	17.13	17.21		
15	16QAM	36	20	17.24	17.20	17.29	18	0
15	16QAM	36	39	17.30	17.17	17.21		
15	16QAM	75	0	17.29	17.40	17.23		
15	64QAM	1	0	17.37	17.27	17.24		
15	64QAM	1	37	17.22	17.29	17.25	18	0
15	64QAM	1	74	17.20	17.25	17.32		
15	64QAM	36	0	17.22	17.23	17.16		
15	64QAM	36	20	17.17	17.25	17.33	18	0
15	64QAM	36	39	17.30	17.30	17.09		
15	64QAM	75	0	17.29	17.27	17.24		
15	256QAM	1	0	17.13	17.28	17.25		
15	256QAM	1	37	17.17	17.30	17.12	18	0
15	256QAM	1	74	17.10	17.08	17.00		
15	256QAM	36	0	17.25	17.15	17.18		
15	256QAM	36	20	17.10	17.19	17.07	18	0
15	256QAM	36	39	17.07	17.10	17.17		
15	256QAM	75	0	17.11	17.20	16.94		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.27	17.43	17.35		
10	QPSK	1	25	17.29	17.37	17.21	18	0
10	QPSK	1	49	17.19	17.29	17.14		
10	QPSK	25	0	17.35	17.38	17.21		
10	QPSK	25	12	17.24	17.35	17.26	18	0
10	QPSK	25	25	17.19	17.26	17.27		
10	QPSK	50	0	17.30	17.34	17.19		
10	16QAM	1	0	17.28	17.14	17.32		
10	16QAM	1	25	17.29	17.30	17.24	18	0
10	16QAM	1	49	17.15	17.29	17.21		
10	16QAM	25	0	17.29	17.14	17.19		
10	16QAM	25	12	17.28	17.19	17.22	18	0
10	16QAM	25	25	17.32	17.23	17.20		
10	16QAM	50	0	17.29	17.38	17.25		
10	64QAM	1	0	17.31	17.22	17.19		
10	64QAM	1	25	17.23	17.20	17.29	18	0
10	64QAM	1	49	17.10	17.22	17.35		
10	64QAM	25	0	17.27	17.26	17.14		
10	64QAM	25	12	17.20	17.20	17.27	18	0
10	64QAM	25	25	17.21	17.26	17.11		
10	64QAM	50	0	17.25	17.25	17.21		
10	256QAM	1	0	17.10	17.31	17.21		
10	256QAM	1	25	17.14	17.24	17.16	18	0
10	256QAM	1	49	17.05	17.08	17.01		
10	256QAM	25	0	17.25	17.15	17.12		
10	256QAM	25	12	17.20	17.20	17.10	18	0
10	256QAM	25	25	17.09	17.09	17.18		
10	256QAM	50	0	17.05	17.21	17.03		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.20	17.45	17.41		
5	QPSK	1	12	17.28	17.37	17.27	18	0
5	QPSK	1	24	17.18	17.27	17.19		
5	QPSK	12	0	17.32	17.42	17.28		
5	QPSK	12	7	17.21	17.36	17.26	18	0
5	QPSK	12	13	17.26	17.19	17.28		
5	QPSK	25	0	17.35	17.34	17.20		
5	16QAM	1	0	17.36	17.16	17.31		
5	16QAM	1	12	17.36	17.36	17.24	18	0
5	16QAM	1	24	17.19	17.29	17.22		
5	16QAM	12	0	17.27	17.16	17.23		
5	16QAM	12	7	17.30	17.26	17.29	18	0
5	16QAM	12	13	17.38	17.18	17.22		
5	16QAM	25	0	17.32	17.39	17.19		
5	64QAM	1	0	17.37	17.27	17.18		
5	64QAM	1	12	17.19	17.25	17.22	18	0
5	64QAM	1	24	17.16	17.28	17.40		
5	64QAM	12	0	17.20	17.21	17.15		
5	64QAM	12	7	17.20	17.19	17.28	18	0
5	64QAM	12	13	17.29	17.30	17.15		
5	64QAM	25	0	17.27	17.23	17.20		
5	256QAM	1	0	17.11	17.36	17.23		
5	256QAM	1	12	17.12	17.20	17.14	18	0
5	256QAM	1	24	17.13	17.11	17.05		
5	256QAM	12	0	17.31	17.15	17.16		
5	256QAM	12	7	17.10	17.21	17.05	18	0
5	256QAM	12	13	17.02	17.16	17.17		
5	256QAM	25	0	17.04	17.18	16.97		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.18	17.48	17.42		
3	QPSK	1	8	17.32	17.38	17.19	18	0
3	QPSK	1	14	17.22	17.30	17.16		
3	QPSK	8	0	17.37	17.40	17.23		
3	QPSK	8	4	17.18	17.30	17.29	18	0
3	QPSK	8	7	17.26	17.21	17.27		
3	QPSK	15	0	17.35	17.33	17.28		
3	16QAM	1	0	17.33	17.23	17.31		
3	16QAM	1	8	17.28	17.29	17.18	18	0
3	16QAM	1	14	17.19	17.34	17.19		
3	16QAM	8	0	17.32	17.14	17.24		
3	16QAM	8	4	17.27	17.23	17.19	18	0
3	16QAM	8	7	17.32	17.18	17.24		
3	16QAM	15	0	17.30	17.40	17.23		
3	64QAM	1	0	17.29	17.27	17.15		
3	64QAM	1	8	17.17	17.25	17.29	18	0
3	64QAM	1	14	17.12	17.22	17.35		
3	64QAM	8	0	17.29	17.25	17.15		
3	64QAM	8	4	17.22	17.20	17.30	18	0
3	64QAM	8	7	17.27	17.30	17.11		
3	64QAM	15	0	17.26	17.25	17.24		
3	256QAM	1	0	17.11	17.30	17.24		
3	256QAM	1	8	17.18	17.28	17.10	18	0
3	256QAM	1	14	17.09	17.12	16.97		
3	256QAM	8	0	17.25	17.24	17.10		
3	256QAM	8	4	17.08	17.21	17.00	18	0
3	256QAM	8	7	17.04	17.07	17.21		
3	256QAM	15	0	17.03	17.18	17.02		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.19	17.52	17.38		
1.4	QPSK	1	3	17.27	17.39	17.22		
1.4	QPSK	1	5	17.14	17.21	17.14	18	0
1.4	QPSK	3	0	17.30	17.34	17.24		
1.4	QPSK	3	1	17.18	17.39	17.31		
1.4	QPSK	3	3	17.24	17.25	17.25		
1.4	QPSK	6	0	17.32	17.35	17.27	18	0
1.4	16QAM	1	0	17.37	17.21	17.28		
1.4	16QAM	1	3	17.29	17.35	17.19		
1.4	16QAM	1	5	17.16	17.26	17.24	18	0
1.4	16QAM	3	0	17.23	17.15	17.14		
1.4	16QAM	3	1	17.33	17.27	17.24		
1.4	16QAM	3	3	17.39	17.19	17.21		
1.4	16QAM	6	0	17.32	17.40	17.19	18	0
1.4	64QAM	1	0	17.35	17.25	17.21		
1.4	64QAM	1	3	17.19	17.28	17.24		
1.4	64QAM	1	5	17.12	17.24	17.32	18	0
1.4	64QAM	3	0	17.21	17.22	17.21		
1.4	64QAM	3	1	17.19	17.25	17.25		
1.4	64QAM	3	3	17.30	17.27	17.09		
1.4	64QAM	6	0	17.30	17.27	17.18	18	0
1.4	256QAM	1	0	17.10	17.32	17.23		
1.4	256QAM	1	3	17.13	17.29	17.15		
1.4	256QAM	1	5	17.11	17.08	17.07	18	0
1.4	256QAM	3	0	17.28	17.20	17.17		
1.4	256QAM	3	1	17.13	17.19	17.02		
1.4	256QAM	3	3	17.05	17.08	17.19		
1.4	256QAM	6	0	17.05	17.22	16.94	18	0

Band 2 Ant 4 DSI2 sig path：456

BW [MHz]	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	17.37	17.42	17.08		
20	QPSK	1	49	17.14	17.36	17.24	18	0
20	QPSK	1	99	17.29	17.30	17.10		
20	QPSK	50	0	17.38	17.41	17.17		
20	QPSK	50	24	17.13	17.31	17.30	18	0
20	QPSK	50	50	17.19	17.31	17.28		
20	QPSK	100	0	17.32	17.35	17.23		
20	16QAM	1	0	17.28	17.13	17.25		
20	16QAM	1	49	17.30	17.25	17.34	18	0
20	16QAM	1	99	17.18	17.24	17.25		
20	16QAM	50	0	17.21	17.18	17.31		
20	16QAM	50	24	17.29	17.24	17.29	18	0
20	16QAM	50	50	17.37	17.36	17.22		
20	16QAM	100	0	17.29	17.38	17.32		
20	64QAM	1	0	17.22	17.26	17.07		
20	64QAM	1	49	17.21	17.28	17.10	18	0
20	64QAM	1	99	17.21	17.27	17.25		
20	64QAM	50	0	17.27	17.24	17.27		
20	64QAM	50	24	17.31	17.23	17.15	18	0
20	64QAM	50	50	17.13	17.23	17.25		
20	64QAM	100	0	17.26	17.36	17.19		
20	256QAM	1	0	17.33	17.34	17.04		
20	256QAM	1	49	16.99	17.24	17.06	18	0
20	256QAM	1	99	17.01	17.21	17.05		
20	256QAM	50	0	17.07	17.28	17.09		
20	256QAM	50	24	17.08	17.19	17.06	18	0
20	256QAM	50	50	17.17	17.29	17.33		
20	256QAM	100	0	17.15	17.19	17.28		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.24	17.28	17.01		
15	QPSK	1	37	17.05	17.22	17.15	18	0
15	QPSK	1	74	17.01	17.19	17.04		
15	QPSK	36	0	17.31	17.30	17.08		
15	QPSK	36	20	16.98	17.21	17.22	18	0
15	QPSK	36	39	17.06	17.23	17.14		
15	QPSK	75	0	17.21	17.21	17.17		
15	16QAM	1	0	17.22	17.06	17.10		
15	16QAM	1	37	17.19	17.20	17.26	18	0
15	16QAM	1	74	17.09	17.16	17.13		
15	16QAM	36	0	17.13	17.06	17.16		
15	16QAM	36	20	17.16	17.16	17.15	18	0
15	16QAM	36	39	17.25	17.28	17.12		
15	16QAM	75	0	17.15	17.26	17.25		
15	64QAM	1	0	17.14	17.21	16.92		
15	64QAM	1	37	17.14	17.13	16.97	18	0
15	64QAM	1	74	17.12	17.15	17.19		
15	64QAM	36	0	17.17	17.10	17.20		
15	64QAM	36	20	17.22	17.14	17.05	18	0
15	64QAM	36	39	17.01	17.10	17.15		
15	64QAM	75	0	17.19	17.25	17.07		
15	256QAM	1	0	17.20	17.23	16.89		
15	256QAM	1	37	16.86	17.17	16.94	18	0
15	256QAM	1	74	16.93	17.13	16.91		
15	256QAM	36	0	17.01	17.20	17.02		
15	256QAM	36	20	17.01	17.07	16.95	18	0
15	256QAM	36	39	17.07	17.18	17.25		
15	256QAM	75	0	17.05	17.05	17.23		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.25	17.28	16.99		
10	QPSK	1	25	17.02	17.28	17.11	18	0
10	QPSK	1	49	17.00	17.17	17.01		
10	QPSK	25	0	17.32	17.27	17.08		
10	QPSK	25	12	17.00	17.17	17.19	18	0
10	QPSK	25	25	17.08	17.18	17.21		
10	QPSK	50	0	17.22	17.21	17.12		
10	16QAM	1	0	17.18	17.01	17.14		
10	16QAM	1	25	17.21	17.13	17.22	18	0
10	16QAM	1	49	17.06	17.14	17.11		
10	16QAM	25	0	17.10	17.08	17.26		
10	16QAM	25	12	17.22	17.19	17.20	18	0
10	16QAM	25	25	17.30	17.31	17.16		
10	16QAM	50	0	17.23	17.25	17.21		
10	64QAM	1	0	17.07	17.23	16.97		
10	64QAM	1	25	17.09	17.14	17.02	18	0
10	64QAM	1	49	17.08	17.21	17.17		
10	64QAM	25	0	17.12	17.11	17.14		
10	64QAM	25	12	17.21	17.18	17.06	18	0
10	64QAM	25	25	17.02	17.14	17.15		
10	64QAM	50	0	17.21	17.27	17.05		
10	256QAM	1	0	17.21	17.26	16.95		
10	256QAM	1	25	16.90	17.11	16.95	18	0
10	256QAM	1	49	16.92	17.12	16.90		
10	256QAM	25	0	17.01	17.19	17.04		
10	256QAM	25	12	16.94	17.09	16.99	18	0
10	256QAM	25	25	17.10	17.16	17.18		
10	256QAM	50	0	17.07	17.05	17.21		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.24	17.29	17.01		
5	QPSK	1	12	17.07	17.25	17.19	18	0
5	QPSK	1	24	17.04	17.22	17.00		
5	QPSK	12	0	17.25	17.30	17.10		
5	QPSK	12	7	17.02	17.25	17.21	18	0
5	QPSK	12	13	17.05	17.21	17.19		
5	QPSK	25	0	17.25	17.30	17.16		
5	16QAM	1	0	17.19	16.99	17.16		
5	16QAM	1	12	17.15	17.11	17.26	18	0
5	16QAM	1	24	17.10	17.12	17.14		
5	16QAM	12	0	17.08	17.04	17.19		
5	16QAM	12	7	17.18	17.13	17.17	18	0
5	16QAM	12	13	17.30	17.27	17.15		
5	16QAM	25	0	17.23	17.32	17.19		
5	64QAM	1	0	17.14	17.30	16.92		
5	64QAM	1	12	17.07	17.21	17.04	18	0
5	64QAM	1	24	17.09	17.07	17.19		
5	64QAM	12	0	17.20	17.09	17.21		
5	64QAM	12	7	17.24	17.12	17.02	18	0
5	64QAM	12	13	17.08	17.16	17.12		
5	64QAM	25	0	17.19	17.30	17.11		
5	256QAM	1	0	17.27	17.20	16.91		
5	256QAM	1	12	16.90	17.18	16.96	18	0
5	256QAM	1	24	16.90	17.10	16.99		
5	256QAM	12	0	17.00	17.16	17.01		
5	256QAM	12	7	17.01	17.10	16.97	18	0
5	256QAM	12	13	17.07	17.20	17.27		
5	256QAM	25	0	17.00	17.07	17.20		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.30	17.35	16.97		
3	QPSK	1	8	16.99	17.21	17.10	18	0
3	QPSK	1	14	17.00	17.21	17.00		
3	QPSK	8	0	17.29	17.32	17.04		
3	QPSK	8	4	17.05	17.20	17.16	18	0
3	QPSK	8	7	17.10	17.23	17.17		
3	QPSK	15	0	17.24	17.25	17.15		
3	16QAM	1	0	17.21	17.08	17.14		
3	16QAM	1	8	17.19	17.11	17.22	18	0
3	16QAM	1	14	17.09	17.17	17.15		
3	16QAM	8	0	17.09	17.03	17.23		
3	16QAM	8	4	17.20	17.16	17.16	18	0
3	16QAM	8	7	17.25	17.21	17.14		
3	16QAM	15	0	17.22	17.32	17.25		
3	64QAM	1	0	17.10	17.31	16.97		
3	64QAM	1	8	17.07	17.16	16.99	18	0
3	64QAM	1	14	17.06	17.14	17.16		
3	64QAM	8	0	17.20	17.16	17.14		
3	64QAM	8	4	17.26	17.18	17.08	18	0
3	64QAM	8	7	16.99	17.12	17.11		
3	64QAM	15	0	17.14	17.31	17.06		
3	256QAM	1	0	17.26	17.23	16.90		
3	256QAM	1	8	16.87	17.10	16.94	18	0
3	256QAM	1	14	16.95	17.06	16.99		
3	256QAM	8	0	16.94	17.15	16.98		
3	256QAM	8	4	16.99	17.05	16.92	18	0
3	256QAM	8	7	17.07	17.15	17.26		
3	256QAM	15	0	17.08	17.08	17.19		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.23	17.29	17.02		
1.4	QPSK	1	3	17.07	17.23	17.11		
1.4	QPSK	1	5	16.98	17.15	16.97	18	0
1.4	QPSK	3	0	17.31	17.36	17.04		
1.4	QPSK	3	1	17.01	17.18	17.16		
1.4	QPSK	3	3	17.07	17.24	17.17		
1.4	QPSK	6	0	17.19	17.29	17.09	18	0
1.4	16QAM	1	0	17.19	17.07	17.12		
1.4	16QAM	1	3	17.24	17.11	17.21		
1.4	16QAM	1	5	17.11	17.10	17.14	18	0
1.4	16QAM	3	0	17.09	17.10	17.25		
1.4	16QAM	3	1	17.23	17.10	17.17		
1.4	16QAM	3	3	17.27	17.29	17.10		
1.4	16QAM	6	0	17.14	17.28	17.27	18	0
1.4	64QAM	1	0	17.11	17.30	16.98		
1.4	64QAM	1	3	17.15	17.20	17.03		
1.4	64QAM	1	5	17.08	17.12	17.15	18	0
1.4	64QAM	3	0	17.21	17.10	17.15		
1.4	64QAM	3	1	17.24	17.14	17.01		
1.4	64QAM	3	3	17.04	17.13	17.18		
1.4	64QAM	6	0	17.15	17.28	17.08	18	0
1.4	256QAM	1	0	17.21	17.22	16.94		
1.4	256QAM	1	3	16.86	17.16	16.99		
1.4	256QAM	1	5	16.93	17.14	16.90	18	0
1.4	256QAM	3	0	16.99	17.22	17.02		
1.4	256QAM	3	1	17.01	17.09	16.98		
1.4	256QAM	3	3	17.05	17.21	17.22		
1.4	256QAM	6	0	17.06	17.11	17.16	18	0

Band 4 Ant 4 DSI2 sig path：69

BW [MHz]	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	16.10	16.22	16.09		
20	QPSK	1	49	15.94	16.20	16.00	16.5	0
20	QPSK	1	99	16.09	16.01	15.96		
20	QPSK	50	0	16.10	16.18	16.05		
20	QPSK	50	24	16.02	16.12	15.99	16.5	0
20	QPSK	50	50	16.02	16.12	15.97		
20	QPSK	100	0	16.06	16.10	16.06		
20	16QAM	1	0	16.09	16.00	16.14		
20	16QAM	1	49	16.04	16.09	16.08	16.5	0
20	16QAM	1	99	15.94	16.07	16.10		
20	16QAM	50	0	16.03	16.04	15.96		
20	16QAM	50	24	16.10	16.01	16.11	16.5	0
20	16QAM	50	50	16.14	16.12	16.10		
20	16QAM	100	0	16.16

Band 4 Ant 4 DSI2 sig path：452

BW [MHz]	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	16.20	16.26	16.13	16.5	0
20	QPSK	1	49	16.10	16.25	16.12		
20	QPSK	1	99	16.13	16.07	16.11		
20	QPSK	50	0	16.16	16.22	16.17		
20	QPSK	50	24	16.10	16.21	16.12		
20	QPSK	50	50	16.11	16.20	16.12		
20	QPSK	100	0	16.14	16.21	16.11		
20	16QAM	1	0	16.15	16.08	16.21		
20	16QAM	1	49	16.19	16.18	16.19	16.5	0
20	16QAM	1	99	16.09	16.21	16.19		
20	16QAM	50	0	16.17	16.14	16.10		
20	16QAM	50	24	16.16	16.15	16.21		
20	16QAM	50	50	16.22	16.20	16.23	16.5	0
20	16QAM	100	0	16.21	16.22	16.12		
20	64QAM	1	0	16.16	16.23	16.13		
20	64QAM	1	49	16.21	16.23	16.06	16.5	0
20	64QAM	1	99	16.12	16.16	16.12		
20	64QAM	50	0	16.14	16.22	16.11		
20	64QAM	50	24	16.19	16.12	16.09	16.5	0
20	64QAM	50	50	16.10	16.21	16.19		
20	64QAM	100	0	16.19	16.23	16.17		
20	256QAM	1	0	15.93	15.97	16.00		
20	256QAM	1	49	15.99	16.08	15.93	16.5	0
20	256QAM	1	99	15.96	16.00	15.91		
20	256QAM	50	0	16.04	16.04	15.90		
20	256QAM	50	24	16.06	15.93	16.06	16.5	0
20	256QAM	50	50	15.99	15.96	15.95		
20	256QAM	100	0	15.90	16.05	16.03		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.16	16.23	16.10	16.5	0
15	QPSK	1	37	16.03	16.17	16.03		
15	QPSK	1	74	16.02	16.05	16.00		
15	QPSK	36	0	16.08	16.10	16.06		
15	QPSK	36	20	16.07	16.11	16.09	16.5	0
15	QPSK	36	39	16.05	16.06	16.00		
15	QPSK	75	0	16.09	16.10	16.09		
15	16QAM	1	0	16.23	16.03	16.10		
15	16QAM	1	37	16.12	16.11	16.10	16.5	0
15	16QAM	1	74	16.08	16.20	16.10		
15	16QAM	36	0	16.12	16.07	16.06		
15	16QAM	36	20	16.10	16.01	16.13	16.5	0
15	16QAM	36	39	16.10	16.10	16.10		
15	16QAM	75	0	16.20	16.16	16.07		
15	64QAM	1	0	16.02	16.15	16.05		
15	64QAM	1	37	16.09	16.11	16.01	16.5	0
15	64QAM	1	74	16.05	16.09	16.00		
15	64QAM	36	0	16.11	16.13	15.99		
15	64QAM	36	20	16.11	16.03	16.10	16.5	0
15	64QAM	36	39	16.10	16.05	16.08		
15	64QAM	75	0	16.11	16.10	16.05		
15	256QAM	1	0	15.89	15.96	15.87		
15	256QAM	1	37	15.89	15.92	15.89	16.5	0
15	256QAM	1	74	15.80	15.89	15.79		
15	256QAM	36	0	15.89	15.97	15.91		
15	256QAM	36	20	15.99	15.90	15.92	16.5	0
15	256QAM	36	39	16.00	15.87	15.85		
15	256QAM	75	0	15.84	15.96	15.90		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.14	16.17	16.03	16.5	0
10	QPSK	1	25	16.04	16.14	16.02		
10	QPSK	1	49	16.05	15.99	16.01		
10	QPSK	25	0	16.04	16.12	16.18		
10	QPSK	25	12	15.97	16.07	16.09	16.5	0
10	QPSK	25	25	16.04	16.07	16.05		
10	QPSK	50	0	16.16	16.09	16.07		
10	16QAM	1	0	16.12	16.01	16.13		
10	16QAM	1	25	16.07	16.07	16.08	16.5	0
10	16QAM	1	49	16.05	16.16	16.14		
10	16QAM	25	0	16.09	16.04	16.04		
10	16QAM	25	12	16.11	16.11	16.12	16.5	0
10	16QAM	25	25	16.15	16.08	16.07		
10	16QAM	50	0	16.17	16.15	16.05		
10	64QAM	1	0	16.07	16.07	16.14		
10	64QAM	1	25	16.10	16.13	15.99	16.5	0
10	64QAM	1	49	16.08	16.15	16.05		
10	64QAM	25	0	16.05	16.09	15.96		
10	64QAM	25	12	16.07	16.01	16.06	16.5	0
10	64QAM	25	25	16.08	16.15	16.02		
10	64QAM	50	0	16.13	16.18	16.06		
10	256QAM	1	0	15.89	15.92	15.90		
10	256QAM	1	25	15.91	16.02	15.85	16.5	0
10	256QAM	1	49	15.88	15.99	15.84		
10	256QAM	25	0	15.96	15.96	15.84		
10	256QAM	25	12	15.97	15.88	15.87	16.5	0
10	256QAM	25	25	15.88	15.93	15.88		
10	256QAM	50	0	15.88	16.01	15.90		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.14	16.20	16.09	16.5	0
5	QPSK	1	12	16.12	16.14	16.04		
5	QPSK	1	24	16.02	15.99	15.99		
5	QPSK	12	0	16.06	16.11	16.10		
5	QPSK	12	7	16.07	16.07	16.16	16.5	0
5	QPSK	12	13	16.07	16.13	16.09		
5	QPSK	25	0	16.08	16.11	16.00		
5	16QAM	1	0	16.21	16.00	16.16		
5	16QAM	1	12	16.10	16.07	16.10	16.5	0
5	16QAM	1	24	16.07	16.14	16.06		
5	16QAM	12	0	16.11	16.10	16.01		
5	16QAM	12	7	16.10	16.10	16.22	16.5	0
5	16QAM	12	13	16.09	16.04	16.11		
5	16QAM	25	0	16.11	16.07	16.06		
5	64QAM	1	0	16.09	16.12	16.05		
5	64QAM	1	12	16.11	16.18	16.02	16.5	0
5	64QAM	1	24	16.03	16.08	16.12		
5	64QAM	12	0	16.13	16.14	16.01		
5	64QAM	12	7	16.11	16.10	16.09	16.5	0
5	64QAM	12	13	16.09	16.09	16.02		
5	64QAM	25	0	16.16	16.17	16.11		
5	256QAM	1	0	15.88	15.92	15.92		
5	256QAM	1	12	15.91	15.92	15.79	16.5	0
5	256QAM	1	24	15.87	15.89	15.80		
5	256QAM	12	0	15.90	15.95	15.89		
5	256QAM	12	7	15.99	15.85	15.89	16.5	0
5	256QAM	12	13	15.99	15.91	15.81		
5	256QAM	25	0	15.87	15.99	15.85		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.15	16.16	16.12	16.5	0
3	QPSK	1	8	16.07	16.17	16.01		
3	QPSK	1	14	16.02	15.98	15.98		
3	QPSK	8	0	16.05	16.09	16.00		
3	QPSK	8	4	16.07	16.14	16.15	16.5	0
3	QPSK	8	7	16.07	16.10	16.03		
3	QPSK	15	0	16.12	16.07	15.98		
3	16QAM	1	0	16.12	16.11	16.13		
3	16QAM	1	8	16.08	16.07	16.10	16.5	0
3	16QAM	1	14	16.04	16.20	16.14		
3	16QAM	8	0	16.12	16.06	16.04		
3	16QAM	8	4	16.09	16.11	16.18	16.5	0
3	16QAM	8	7	16.10	16.06	16.08		
3	16QAM	15	0	16.14	16.18	16.08		
3	64QAM	1	0	16.06	16.13	16.14		
3	64QAM	1	8	16.13	16.12	16.09	16.5	0
3	64QAM	1	14	16.01	16.06	16.04		
3	64QAM	8	0	16.06	16.09	15.99		
3	64QAM	8	4	16.08	16.13	16.06	16.5	0
3	64QAM	8	7	16.07	16.13	16.11		
3	64QAM	15	0	16.08	16.10	16.04		
3	256QAM	1	0	15.92	15.95	15.96		
3	256QAM	1	8	15.94	15.98	15.78	16.5	0
3	256QAM	1	14	15.82	15.88	15.88		
3	256QAM	8	0	15.99	15.93	15.91		
3	256QAM	8	4	15.99	15.81	15.87	16.5	0
3	256QAM	8	7	15.88	15.87	15.80		
3	256QAM	15	0	15.84	15.98	15.88		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.09	16.21	16.07	16.5	0
1.4	QPSK	1	3	16.03	16.16	16.05		
1.4	QPSK	1	5	16.07	15.96	15.97		
1.4	QPSK	3	0	16.05	16.16	16.09		
1.4	QPSK	3	1	16.09	16.09	16.11		
1.4	QPSK	3	3	15.99	16.09	16.08		
1.4	QPSK	6	0	16.13	16.12	16.03	16.5	0
1.4	16QAM	1	0	16.15	16.04	16.20	16.5	0
1.4	16QAM	1	3	16.11	16.04	16.00		
1.4	16QAM	1	5	16.02	16.12	16.10		
1.4	16QAM	3	0	16.11	16.13	16.10		
1.4	16QAM	3	1	16.05	16.04	16.19		
1.4	16QAM	3	3	16.09	16.11	16.10		
1.4	16QAM	6	0	16.15	16.07	16.07	16.5	0
1.4	64QAM	1	0	16.04	16.11	16.09	16.5	0
1.4	64QAM	1	3	16.14	16.09	16.07		
1.4	64QAM	1	5	15.99	16.07	16.11		
1.4	64QAM	3	0	16.05	16.17	15.97		
1.4	64QAM	3	1	16.08	16.03	16.01		
1.4	64QAM	3	3	16.03	16.04	16.11		
1.4	64QAM	6	0	16.15	16.10	16.10	16.5	0
1.4	256QAM	1	0	15.88	15.99	15.94	16.5	0
1.4	256QAM	1	3	15.89	15.94	15.89		
1.4	256QAM	1	5	15.96	15.97	15.85		
1.4	256QAM	3	0	15.98	15.92	15.90		
1.4	256QAM	3	1	16.00	15.85	15.97		
1.4	256QAM	3	3	15.96	15.93	15.91		
1.4	256QAM	6	0	15.82	15.95	15.87	16.5	0

Band 66 Ant 4 DSI2 sig path：70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.20	18.29	17.86	18.5	0
20	QPSK	1	49	18.21	18.25	18.15		
20	QPSK	1	99	18.11	18.16	18.20		
20	QPSK	50	0	18.06	18.24	18.13		
20	QPSK	50	24	18.13	18.14	18.09		
20	QPSK	50	50	18.08	18.15	18.00		
20	QPSK	100	0	18.12	18.19	18.12		
20	16QAM	1	0	18.15	18.19	18.11		
20	16QAM	1	49	18.10	18.17	18.10	18.5	0
20	16QAM	1	99	18.17	18.12	18.18		
20	16QAM	50	0	18.08	18.23	18.11		
20	16QAM	50	24	18.12	18.15	18.17	18.5	0
20	16QAM	50	50	18.17	18.11	18.14		
20	16QAM	100	0	18.19	18.17	18.09		
20	64QAM	1	0	18.21	18.17	18.21		
20	64QAM	1	49	18.18	18.21	18.13	18.5	0
20	64QAM	1	99	18.17	18.20	18.14		
20	64QAM	50	0	18.15	18.18	18.14		
20	64QAM	50	24	18.14	18.12	18.15	18.5	0
20	64QAM	50	50	18.16	18.10	18.24		
20	64QAM	100	0	18.11	18.17	18.13		
20	256QAM	1	0	17.93	17.99	18.08		
20	256QAM	1	49	18.11	18.00	17.99	18.5	0
20	256QAM	1	99	17.96	18.08	17.98		
20	256QAM	50	0	17.99	18.09	17.97		
20	256QAM	50	24	18.03	18.05	18.04	18.5	0
20	256QAM	50	50	17.99	17.89	18.00		
20	256QAM	100	0	17.99	18.11	17.83		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.14	18.22	18.10	18.5	0
15	QPSK	1	37	18.06	18.14	18.02		
15	QPSK	1	74	18.05	18.05	18.10		
15	QPSK	36	0	17.98	18.16	18.04		
15	QPSK	36	20	18.01	18.03	18.00	18.5	0
15	QPSK	36	39	17.96	18.06	17.92		
15	QPSK	75	0	18.04	18.04	17.97		
15	16QAM	1	0	18.07	18.04	18.04		
15	16QAM	1	37	17.96	18.11	18.02	18.5	0
15	16QAM	1	74	18.02	18.07	18.04		
15	16QAM	36	0	17.94	18.16	18.03		
15	16QAM	36	20	18.03	18.08	18.11	18.5	0
15	16QAM	36	39	18.07	17.97	18.00		
15	16QAM	75	0	18.06	18.10	17.96		
15	64QAM	1	0	18.13	18.04	18.07		
15	64QAM	1	37	18.08	18.16	18.05	18.5	0
15	64QAM	1	74	18.10	18.07	18.05		
15	64QAM	36	0	18.08	18.03	18.02		
15	64QAM	36	20	18.00	17.99	18.09	18.5	0
15	64QAM	36	39	18.04	18.03	18.10		
15	64QAM	75	0	18.00	18.09	18.00		
15	256QAM	1	0	17.79	17.92	17.96		
15	256QAM	1	37	18.03	17.86	17.93	18.5	0
15	256QAM	1	74	17.83	17.98	17.85		
15	256QAM	36	0	17.86	17.95	17.84		
15	256QAM	36	20	17.88	17.97	17.95	18.5	0
15	256QAM	36	39	17.85	17.76	17.93		
15	256QAM	75	0	17.93	18.03	17.71		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.06	18.20	18.02	18.5	0
10	QPSK	1	25	18.09	18.19	18.03		
10	QPSK	1	49	18.01	18.07	18.05		
10	QPSK	25	0	17.99	18.12	18.07		
10	QPSK	25	12	18.04	17.99	17.95	18.5	0
10	QPSK	25	25	17.95	18.04	17.88		
10	QPSK	50	0	17.98	18.05	17.98		
10	16QAM	1	0	18.02	18.05	18.01		
10	16QAM	1	25	17.99	18.10	18.04	18.5	0
10	16QAM	1	49	18.06	17.98	18.10		
10	16QAM	25	0	17.99	18.10	17.97		
10	16QAM	25	12	17.97	18.02	18.10	18.5	0
10	16QAM	25	25	18.09	18.03	18.04		
10	16QAM	50	0	18.13	18.04	18.02		
10	64QAM	1	0	18.13	18.06	18.10		
10	64QAM	1	25	18.06	18.13	17.98	18.5	0
10	64QAM	1	49	18.11	18.09	18.02		
10	64QAM	25	0	18.09	18.10	18.03		
10	64QAM	25	12	18.07	18.06	18.09	18.5	0
10	64QAM	25	25	18.04	18.04	18.18		
10	64QAM	50	0	18.02	18.08	18.03		
10	256QAM	1	0	17.78	17.87	17.99		
10	256QAM	1	25	18.03	17.94	17.86	18.5	0
10	256QAM	1	49	17.90	18.00	17.91		
10	256QAM	25	0	17.84	17.99	17.88		
10	256QAM	25	12	17.93	17.99	17.89	18.5	0
10	256QAM	25	25	17.88	17.79	17.92		
10	256QAM	50	0	17.90	18.03	17.71		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.06	18.21	18.02	18.5	0
5	QPSK	1	12	18.08	18.16	18.05		
5	QPSK	1	24	18.04	18.02	18.08		
5	QPSK	12	0	17.92	18.16	18.05		
5	QPSK	12	7	17.99	18.09	17.98	18.5	0
5	QPSK	12	13	18.02	18.07	17.93		
5	QPSK	25	0	18.06	18.14	18.06		
5	16QAM	1	0	18.01	18.13	17.98		
5	16QAM	1	12	17.96	18.04	18.03	18.5	0
5	16QAM	1	24	18.10	18.00	18.09		
5	16QAM	12	0	17.99	18.15	18.05		
5	16QAM	12	7	18.02	18.06	18.05	18.5	0
5	16QAM	12	13	18.10	17.97	18.04		
5	16QAM	25	0	18.05	18.11	18.03		
5	64QAM	1	0	18.14	18.07	18.09		
5	64QAM	1	12	18.08	18.11	18.05	18.5	0
5	64QAM	1	24	18.11	18.09	18.00		
5	64QAM	12	0	18.09	18.08	18.04		
5	64QAM	12	7	18.05	18.06	18.06	18.5	0
5	64QAM	12	13	18.11	17.95	18.18		
5	64QAM	25	0	17.97	18.05	18.08		
5	256QAM	1	0	17.83	17.94	17.98		
5	256QAM	1	12	17.85	17.94	17.90	18.5	0
5	256QAM	1	24	17.82	17.98	17.92		
5	256QAM	12	0	17.91	17.98	17.94		
5	256QAM	12	7	17.89	17.91	17.90	18.5	0
5	256QAM	12	13	17.90	17.77	17.93		
5	256QAM	25	0	17.85	18.05	17.76		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.08	18.18	18.07	18.5	0
3	QPSK	1	8	18.14	18.14	18.01		
3	QPSK	1	14	18.01	18.02	18.08		
3	QPSK	8	0	17.99	18.15	18.00		
3	QPSK	8	4	18.07	18.07	18.00	18.5	0
3	QPSK	8	7	18.00	18.07	17.92		
3	QPSK	15	0	18.04	18.10	18.04		
3	16QAM	1	0	18.02	18.11	18.01		
3	16QAM	1	8	18.03	18.10	17.95	18.5	0
3	16QAM	1	14	18.06	18.01	18.09		
3	16QAM	8	0	18.01	18.15	18.06		
3	16QAM	8	4	18.04	18.05	18.10	18.5	0
3	16QAM	8	7	18.04	18.06	18.05		
3	16QAM	15	0	18.11	18.10	17.97		
3	64QAM	1	0	18.09	18.05	18.07		
3	64QAM	1	8	18.12	18.15	18.03	18.5	0
3	64QAM	1	14	18.07	18.15	18.09		
3	64QAM	8	0	18.08	18.12	18.02		
3	64QAM	8	4	18.09	18.03	18.07	18.5	0
3	64QAM	8	7	18.07	18.01	18.13		
3	64QAM	15	0	17.96	18.07	17.99		
3	256QAM	1	0	17.85	17.92	17.97		
3	256QAM	1	8	17.99	17.87	17.92	18.5	0
3	256QAM	1	14	17.87	17.94	17.90		
3	256QAM	8	0	17.88	17.95	17.85		
3	256QAM	8	4	17.91	17.92	17.90	18.5	0
3	256QAM	8	7	17.89	17.76	17.88		
3	256QAM	15	0	17.88	18.02	17.77		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.06	18.24	18.04	18.5	0
1.4	QPSK	1	3	18.15	18.19	18.03		
1.4	QPSK	1	5	18.01	18.06	18.06		
1.4	QPSK	3	0	17.93	18.16	18.06		
1.4	QPSK	3	1	18.07	18.02	17.98		
1.4	QPSK	3	3	17.97	18.09	17.94		
1.4	QPSK	6	0	18.03	18.09	18.05	18.5	0
1.4	16QAM	1	0	18.00	18.04	17.99	18.5	0
1.4	16QAM	1	3	18.04	18.04	18.03		
1.4	16QAM	1	5	18.07	18.05	18.09		
1.4	16QAM	3	0	17.98	18.09	18.00		
1.4	16QAM	3	1	18.05	18.05	18.10		
1.4	16QAM	3	3	18.04	18.00	18.00		
1.4	16QAM	6	0	18.06	18.07	17.98	18.5	0
1.4	64QAM	1	0	18.11	18.04	18.11	18.5	0
1.4	64QAM	1	3	18.12	18.16	18.08		
1.4	64QAM	1	5	18.11	18.09	18.09		
1.4	64QAM	3	0	18.05	18.06	18.00		
1.4	64QAM	3	1	18.07	18.06	18.04		
1.4	64QAM	3	3	18.05	17.99	18.18		
1.4	64QAM	6	0	18.05	18.11	18.03	18.5	0
1.4	256QAM	1	0	17.81	17.87	17.98	18.5	0
1.4	256QAM	1	3	18.00	17.89	17.93		
1.4	256QAM	1	5	17.90	17.94	17.86		
1.4	256QAM	3	0	17.93	17.95	17.87		
1.4	256QAM	3	1	17.95	17.96	17.92		
1.4	256QAM	3	3	17.91	17.79	17.88		
1.4	256QAM	6	0	17.88	18.02	17.70	18.5	0

Band 66 Ant 4 DSI2 sig path：453

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.21	18.27	17.92	18.5	0
20	QPSK	1	49	18.21	18.18	18.17		
20	QPSK	1	99	18.03	18.12	18.15		
20	QPSK	50	0	18.05	18.26	18.08		
20	QPSK	50	24	18.15	18.17	18.17		
20	QPSK	50	50	18.20	18.22	18.03		
20	QPSK	100	0	18.06	18.23	18.11		
20	16QAM	1	0	18.24	18.17	18.09		
20	16QAM	1	49	18.18	18.21	18.14	18.5	0
20	16QAM	1

Reduced Power Mode for Other PA DSI3 Standalone

Band 2 Ant 0 DSI3 sig path:44

BW [MHz]	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	15.52	15.57	15.43		
20	QPSK	1	49	15.33	15.50	15.53	16.5	0
20	QPSK	1	99	15.39	15.40	15.48		
20	QPSK	50	0	15.44	15.53	15.37		
20	QPSK	50	24	15.41	15.50	15.43	16.5	0
20	QPSK	50	50	15.46	15.46	15.41		
20	QPSK	100	0	15.45	15.51	15.38		
20	16QAM	1	0	15.52	15.50	15.45		
20	16QAM	1	49	15.48	15.40	15.56	16.5	0
20	16QAM	1	99	15.39	15.48	15.43		
20	16QAM	50	0	15.48	15.45	15.42		
20	16QAM	50	24	15.47	15.49	15.42	16.5	0
20	16QAM	50	50	15.43	15.34	15.46		
20	16QAM	100	0	15.53	15.45	15.40		
20	64QAM	1	0	15.40	15.40	15.54		
20	64QAM	1	49	15.47	15.49	15.45	16.5	0
20	64QAM	1	99	15.37	15.45	15.36		
20	64QAM	50	0	15.46	15.55	15.44		
20	64QAM	50	24	15.35	15.42	15.40	16.5	0
20	64QAM	50	50	15.53	15.40	15.48		
20	64QAM	100	0	15.46	15.50	15.47		
20	256QAM	1	0	15.44	15.50	15.40		
20	256QAM	1	49	15.47	15.49	15.50	16.5	0
20	256QAM	1	99	15.48	15.43	15.55		
20	256QAM	50	0	15.36	15.54	15.50		
20	256QAM	50	24	15.43	15.43	15.50	16.5	0
20	256QAM	50	50	15.36	15.40	15.56		
20	256QAM	100	0	15.48	15.52	15.53		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.45	15.37	15.40		
15	QPSK	1	37	15.28	15.43	15.35	16.5	0
15	QPSK	1	74	15.39	15.30	15.29		
15	QPSK	36	0	15.32	15.40	15.23		
15	QPSK	36	20	15.24	15.36	15.36	16.5	0
15	QPSK	36	39	15.45	15.41	15.34		
15	QPSK	75	0	15.26	15.31	15.35		
15	16QAM	1	0	15.35	15.40	15.38		
15	16QAM	1	37	15.41	15.20	15.44	16.5	0
15	16QAM	1	74	15.34	15.47	15.32		
15	16QAM	36	0	15.42	15.36	15.32		
15	16QAM	36	20	15.45	15.46	15.41	16.5	0
15	16QAM	36	39	15.42	15.17	15.35		
15	16QAM	75	0	15.44	15.40			
15	64QAM	1	0	15.29	15.27	15.42		
15	64QAM	1	37	15.44	15.40	15.25	16.5	0
15	64QAM	1	74	15.29	15.36	15.27		
15	64QAM	36	0	15.27	15.46	15.43		
15	64QAM	36	20	15.24	15.23	15.29	16.5	0
15	64QAM	36	39	15.37	15.39	15.33		
15	64QAM	75	0	15.42	15.31	15.28		
15	256QAM	1	0	15.36	15.40	15.33		
15	256QAM	1	37	15.28	15.47	15.49	16.5	0
15	256QAM	1	74	15.43	15.25	15.50		
15	256QAM	36	0	15.21	15.50	15.47		
15	256QAM	36	20	15.43	15.27	15.37	16.5	0
15	256QAM	36	39	15.16	15.31	15.55		
15	256QAM	75	0	15.38	15.34	15.39		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.46	15.54	15.35		
10	QPSK	1	25	15.16	15.32	15.40	16.5	0
10	QPSK	1	49	15.27	15.38	15.42		
10	QPSK	25	0	15.25	15.40	15.27		
10	QPSK	25	12	15.28	15.39	15.28	16.5	0
10	QPSK	25	25	15.32	15.36	15.26		
10	QPSK	50	0	15.34	15.44	15.23		
10	16QAM	1	0	15.43	15.38	15.46		
10	16QAM	1	25	15.34	15.36	15.52	16.5	0
10	16QAM	1	49	15.25	15.42	15.26		
10	16QAM	25	0	15.39	15.33	15.41		
10	16QAM	25	12	15.39	15.33	15.37	16.5	0
10	16QAM	25	25	15.40	15.28	15.38		
10	16QAM	50	0	15.36	15.35	15.32		
10	64QAM	1	0	15.30	15.39	15.39		
10	64QAM	1	25	15.35	15.41	15.31	16.5	0
10	64QAM	1	49	15.20	15.30	15.32		
10	64QAM	25	0	15.30	15.37	15.27		
10	64QAM	25	12	15.29	15.40	15.36	16.5	0
10	64QAM	25	25	15.46	15.25	15.46		
10	64QAM	50	0	15.32	15.42	15.35		
10	256QAM	1	0	15.26	15.39	15.25		
10	256QAM	1	25	15.41	15.30	15.44	16.5	0
10	256QAM	1	49	15.43	15.42	15.49		
10	256QAM	25	0	15.20	15.41	15.37		
10	256QAM	25	12	15.40	15.34	15.47	16.5	0
10	256QAM	25	25	15.26	15.30	15.41		
10	256QAM	50	0	15.40	15.49	15.51		
5	Channel			18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
5	Frequency (MHz)			1852.5	1880	1907.5		
5	QPSK	1	0	15.41	15.43	15.24		
5	QPSK	1	12	15.17	15.44	15.37	16.5	0
5	QPSK	1	24	15.27	15.38	15.40		
5	QPSK	12	0	15.32	15.47	15.26		
5	QPSK	12	7	15.30	15.43	15.35	16.5	0
5	QPSK	12	13	15.41	15.42	15.22		
5	QPSK	25	0	15.45	15.42	15.24		
5	16QAM	1	0	15.47	15.37	15.28		
5	16QAM	1	12	15.45	15.33	15.54	16.5	0
5	16QAM	1	24	15.32	15.33	15.30		
5	16QAM	12	0	15.47	15.41	15.38		
5	16QAM	12	7	15.41	15.36	15.36	16.5	0
5	16QAM	12	13	15.30	15.31	15.31		
5	16QAM	25	0	15.49	15.44	15.36		
5	64QAM	1	0	15.33	15.24	15.39		
5	64QAM	1	12	15.36	15.31	15.30	16.5	0
5	64QAM	1	24	15.26	15.45	15.31		
5	64QAM	12	0	15.31	15.55	15.29		
5	64QAM	12	7	15.18	15.40	15.38	16.5	0
5	64QAM	12	13	15.48	15.32	15.34		
5	64QAM	25	0	15.32	15.47	15.37		
5	256QAM	1	0	15.38	15.31	15.31		
5	256QAM	1	12	15.37	15.30	15.44	16.5	0
5	256QAM	1	24	15.36	15.43	15.43		
5	256QAM	12	0	15.35	15.46	15.48		
5	256QAM	12	7	15.24	15.29	15.42	16.5	0
5	256QAM	12	13	15.31	15.22	15.50		
5	256QAM	25	0	15.37	15.51	15.47		
3	Channel			18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
3	Frequency (MHz)			1851.5	1880	1908.5		
3	QPSK	1	0	15.51	15.51	15.41		
3	QPSK	1	8	15.20	15.30	15.35	16.5	0
3	QPSK	1	14	15.29	15.38	15.36		
3	QPSK	8	0	15.25	15.37	15.28		
3	QPSK	8	4	15.23	15.37	15.25	16.5	0
3	QPSK	8	7	15.36	15.27	15.31		
3	QPSK	15	0	15.26	15.47	15.30		
3	16QAM	1	0	15.46	15.38	15.29	16.5	0
3	16QAM	1	8	15.30	15.37	15.53		
3	16QAM	1	14	15.20	15.39	15.39		
3	16QAM	8	0	15.36	15.42	15.41		
3	16QAM	8	4	15.30	15.42	15.29	16.5	0
3	16QAM	8	7	15.41	15.27	15.31		
3	16QAM	15	0	15.38	15.29	15.28		
3	64QAM	1	0	15.35	15.26	15.43		
3	64QAM	1	8	15.34	15.42	15.38	16.5	0
3	64QAM	1	14	15.21	15.32	15.33		
3	64QAM	8	0	15.39	15.38	15.33		
3	64QAM	8	4	15.15	15.42	15.23	16.5	0
3	64QAM	8	7	15.51	15.34	15.33		
3	64QAM	15	0	15.27	15.33	15.40		
3	256QAM	1	0	15.28	15.34	15.26		
3	256QAM	1	8	15.36	15.35	15.32	16.5	0
3	256QAM	1	14	15.37	15.32	15.37		
3	256QAM	8	0	15.33	15.37	15.38		
3	256QAM	8	4	15.24	15.25	15.50	16.5	0
3	256QAM	8	7	15.18	15.25	15.44		
3	256QAM	15	0	15.31	15.52	15.43		
1.4	Channel			18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
1.4	Frequency (MHz)			1850.7	1880	1909.3		
1.4	QPSK	1	0	15.40	15.44	15.30		
1.4	QPSK	1	3	15.15	15.34	15.42		
1.4	QPSK	1	5	15.38	15.33	15.32	16.5	0
1.4	QPSK	3	0	15.40	15.36	15.21		
1.4	QPSK	3	1	15.25	15.47	15.25		
1.4	QPSK	3	3	15.34	15.38	15.37		
1.4	QPSK	6	0	15.30	15.33	15.32	16.5	0
1.4	16QAM	1	0	15.50	15.31	15.34		
1.4	16QAM	1	3	15.40	15.25	15.42		
1.4	16QAM	1	5	15.34	15.37	15.33	16.5	0
1.4	16QAM	3	0	15.34	15.33	15.37		
1.4	16QAM	3	1	15.43	15.43	15.41		
1.4	16QAM	3	3	15.32	15.22	15.40		
1.4	16QAM	6	0	15.40	15.43	15.39	16.5	0
1.4	64QAM	1	0	15.29	15.39	15.40		
1.4	64QAM	1	3	15.28	15.45	15.32		
1.4	64QAM	1	5	15.23	15.38	15.29	16.5	0
1.4	64QAM	3	0	15.35	15.48	15.33		
1.4	64QAM	3	1	15.22	15.24	15.23		
1.4	64QAM	3	3	15.47	15.26	15.31		
1.4	64QAM	6	0	15.33	15.39	15.34	16.5	0
1.4	256QAM	1	0	15.33	15.37	15.39		
1.4	256QAM	1	3	15.45	15.47	15.32		
1.4	256QAM	1	5	15.31	15.32	15.45	16.5	0
1.4	256QAM	3	0	15.16	15.34	15.41		
1.4	256QAM	3	1	15.32	15.39	15.31		
1.4	256QAM	3	3	15.32	15.34	15.48		
1.4	256QAM	6	0	15.31	15.42	15.48	16.5	0

Band 2 Ant 0 DSI3 sig path:456

BW [MHz]	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	15.51	15.59	15.56		
20	QPSK	1	49	15.42	15.51	15.43	16.5	0
20	QPSK	1	99	15.26	15.35	15.32		
20	QPSK	50	0	15.51	15.55	15.41		
20	QPSK	50	24	15.34	15.45	15.50	16.5	0
20	QPSK	50	50	15.48	15.53	15.35		
20	QPSK	100	0	15.41	15.48	15.37		
20	16QAM	1	0	15.35	15.52	15.48		
20	16QAM	1	49	15.54	15.59	15.55	16.5	0
20	16QAM	1	99	15.39	15.43	15.49		
20	16QAM	50	0	15.44	15.44	15.48		
20	16QAM	50	24	15.39	15.43	15.56	16.5	0
20	16QAM	50	50	15.45	15.35	15.35		
20	16QAM	100	0	15.41	15.53	15.36		
20	64QAM	1	0	15.48	15.48	15.33		
20	64QAM	1	49	15.44	15.52	15.35	16.5	0
20	64QAM	1	99	15.45	15.44	15.51		
20	64QAM	50	0	15.47	15.45	15.42		
20	64QAM	50	24	15.39	15.30	15.53	16.5	0
20	64QAM	50	50	15.34	15.49	15.48		
20	64QAM	100	0	15.47	15.35	15.48		
20	256QAM	1	0	15.44	15.50	15.36		
20	256QAM	1	49	15.36	15.44	15.56	16.5	0
20	256QAM	1	99	15.47	15.43	15.38		
20	256QAM	50	0	15.47	15.56	15.44		
20	256QAM	50	24	15.43	15.54	15.54	16.5	0
20	256QAM	50	50	15.44	15.43	15.35		
20	256QAM	100	0	15.36	15.47	15.51		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.44	15.55	15.42		
15	QPSK	1	37	15.26	15.39	15.43	16.5	0
15	QPSK	1	74	15.10	15.24	15.17		
15	QPSK	36	0	15.40	15.36	15.33		
15	QPSK	36	20	15.26	15.35	15.33	16.5	0
15	QPSK	36	39	15.36	15.39	15.28		
15	QPSK	75	0	15.39	15.42	15.20		
15	16QAM	1	0	15.25	15.43	15.44		
15	16QAM	1	37	15.42	15.43	15.43	16.5	0
15	16QAM	1	74	15.23	15.32	15.42		
15	16QAM	36	0	15.26	15.32	15.32		
15	16QAM	36	20	15.34	15.34	15.51	16.5	0
15	16QAM	36	39	15.45	15.34	15.26		
15	16QAM	75	0	15.38	15.33	15.21		
15	64QAM	1	0	15.41	15.31	15.30		
15	64QAM	1	37	15.43	15.35	15.26	16.5	0
15	64QAM	1	74	15.34	15.46	15.42		
15	64QAM	36	0	15.44	15.31	15.41		
15	64QAM	36	20	15.20	15.22	15.35	16.5	0
15	64QAM	36	39	15.21	15.35	15.31		
15	64QAM	75	0	15.46	15.40	15.34		
15	256QAM	1	0	15.31	15.39	15.36		
15	256QAM	1	37	15.31	15.38	15.51	16.5	0
15	256QAM	1	74	15.39	15.37	15.31		
15	256QAM	36	0	15.39	15.43	15.36		
15	256QAM	36	20	15.34	15.36	15.46	16.5	0
15	256QAM	36	39	15.30	15.40	15.34		
15	256QAM	75	0	15.36	15.37	15.39		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.48	15.51	15.46		
10	QPSK	1	25	15.37	15.34	15.29	16.5	0
10	QPSK	1	49	15.23	15.31	15.17		
10	QPSK	25	0	15.50	15.38	15.31		
10	QPSK	25	12	15.17	15.29	15.50	16.5	0
10	QPSK	25	25	15.31	15.44	15.23		
10	QPSK	50	0	15.24	15.40	15.29		
10	16QAM	1	0	15.41	15.46	15.49		
10	16QAM	1	25	15.47	15.19	15.39	16.5	0
10	16QAM	1	49	15.37	15.24	15.44		
10	16QAM	25	0	15.29	15.35	15.34		
10	16QAM	25	12	15.33	15.40	15.40	16.5	0
10	16QAM	25	25	15.29	15.32	15.29		
10	16QAM	50	0	15.34	15.35	15.29		
10	64QAM	1	0	15.31	15.43	15.25		
10	64QAM	1	25	15.32	15.36	15.29	16.5	0
10	64QAM	1	49	15.36	15.41	15.49		
10	64QAM	25	0	15.42	15.29	15.26		
10	64QAM	25	12	15.24	15.24	15.33	16.5	0
10	64QAM	25	25	15.33	15.44	15.33		
10	64QAM	50	0	15.36	15.18	15.45		
10	256QAM	1	0	15.33	15.27	15.28		
10	256QAM	1	25	15.35	15.26	15.48	16.5	0
10	256QAM	1	49	15.46	15.19	15.46		
10	256QAM	25	0	15.36	15.39	15.34		
10	256QAM	25	12	15.49	15.34	15.45	16.5	0
10	256QAM	25	25	15.35	15.41	15.15		
10	256QAM	50	0	15.33	15.46	15.46		
5	Channel			18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
5	Frequency (MHz)			1852.5	1880	1907.5		
5	QPSK	1	0	15.47	15.50	15.42		
5	QPSK	1	12	15.36	15.36	15.28	16.5	0
5	QPSK	1	24	15.27	15.38	15.27		
5	QPSK	12	0	15.48	15.50	15.31		
5	QPSK	12	7	15.28	15.43	15.40	16.5	0
5	QPSK	12	13	15.35	15.47	15.29		
5	QPSK	25	0	15.23	15.41	15.21		
5	16QAM	1	0	15.22	15.44	15.29		
5	16QAM	1	12	15.47	15.31	15.38	16.5	0
5	16QAM	1	24	15.37	15.31	15.46		
5	16QAM	12	0	15.28	15.47	15.46		
5	16QAM	12	7	15.33	15.39	15.46	16.5	0
5	16QAM	12	13	15.43	15.17	15.28		
5	16QAM	25	0	15.27	15.35	15.23		
5	64QAM	1	0	15.43	15.25	15.25		
5	64QAM	1	12	15.29	15.32	15.21	16.5	0
5	64QAM	1	24	15.31	15.32	15.35		
5	64QAM	12	0	15.35	15.31	15.35		
5	64QAM	12	7	15.33	15.35	15.35	16.5	0
5	64QAM	12	13	15.22	15.48	15.38		
5	64QAM	25	0	15.31	15.29	15.30		
5	256QAM	1	0	15.31	15.36	15.31		
5	256QAM	1	12	15.36	15.36	15.52	16.5	0
5	256QAM	1	24	15.30	15.33	15.25		
5	256QAM	12	0	15.33	15.49	15.39		
5	256QAM	12	7	15.43	15.42	15.41	16.5	0
5	256QAM	12	13	15.38	15.31	15.32		
5	256QAM	25	0	15.24	15.33	15.41		
3	Channel			18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
3	Frequency (MHz)			1851.5	1880	1908.5		
3	QPSK	1	0	15.42	15.47	15.36		
3	QPSK	1	8	15.40	15.40	15.30	16.5	0
3	QPSK	1	14	15.24	15.34	15.27		
3	QPSK	8	0	15.32	15.50	15.34		
3	QPSK	8	4	15.14	15.36	15.41	16.5	0
3	QPSK	8	7	15.35	15.30	15.20		
3	QPSK	15	0	15.25	15.33	15.24		
3	16QAM	1	0	15.33	15.38	15.28		
3	16QAM	1	8	15.37	15.20	15.52	16.5	0
3	16QAM	1	14	15.23	15.26	15.46		
3	16QAM	8	0	15.43	15.43	15.38		
3	16QAM	8	4	15.37	15.26	15.54	16.5	0
3	16QAM	8	7	15.41	15.19	15.16		
3	16QAM	15	0	15.33	15.47	15.34		
3	64QAM	1	0	15.38	15.17	15.17		
3	64QAM	1	8	15.24	15.51	15.26	16.5	0
3	64QAM	1	14	15.39	15.24	15.49		
3	64QAM	8	0	15.46	15.37	15.27		
3	64QAM	8	4	15.33	15.51	15.51	16.5	0
3	64QAM	8	7	15.23	15.34	15.32		
3	64QAM	15	0	15.46	15.27	15.36		
3	256QAM	1	0	15.36	15.38	15.30		
3	256QAM	1	8	15.38	15.49	15.49	16.5	0
3	256QAM	1	14	15.40	15.30	15.22		
3	256QAM	8	0	15.29	15.53	15.33		
3	256QAM	8	4	15.42	15.34	15.46	16.5	0
3	256QAM	8	7	15.42	15.19	15.19		
3	256QAM	15	0	15.22	15.37	15.50		
1.4	Channel			18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
1.4	Frequency (MHz)			1850.7	1880	1909.3		
1.4	QPSK	1	0	15.42	15.42	15.47		
1.4	QPSK	1	3	15.34	15.36	15.38		
1.4	QPSK	1	5	15.16	15.25	15.17	16.5	0
1.4	QPSK	3	0	15.38	15.45	15.35		
1.4	QPSK	3	1	15.24	15.33	15.31		
1.4	QPSK	3	3	15.44	15.39	15.24		
1.4	QPSK	6	0	15.33	15.35	15.33	16.5	0
1.4	16QAM	1	0	15.17	15.39	15.31		
1.4	16QAM	1	3	15.35	15.37	15.45		
1.4	16QAM	1	5	15.29	15.35	15.42	16.5	0
1.4	16QAM	3	0	15.37	15.41	15.42		
1.4	16QAM	3	1	15.28	15.27	15.37		
1.4	16QAM	3	3	15.33	15.17	15.26		
1.4	16QAM	6	0	15.38	15.49	15.23	16.5	0
1.4	64QAM	1	0	15.34	15.36	15.30		
1.4	64QAM	1	3	15.41	15.40	15.27		
1.4	64QAM	1	5	15.40	15.32	15.42	16.5	0
1.4	64QAM	3	0	15.36	15.42	15.31		
1.4	64QAM	3	1	15.31	15.16	15.42		
1.4	64QAM	3	3	15.21	15.37	15.36		
1.4	64QAM	6	0	15.33	15.32	15.45	16.5	0
1.4	256QAM	1	0	15.33	15.22	15.21		
1.4	256QAM	1	3	15.31	15.39	15.46		
1.4	256QAM	1	5	15.37	15.24	15.33	16.5	0
1.4	256QAM	3	0	15.41	15.43	15.24		
1.4	256QAM	3	1	15.47	15.42	15.39		
1.4	256QAM	3	3	15.26	15.34	15.19		
1.4	256QAM	6	0	15.33	15.36	15.33	16.5	0

Band 4 Ant 0 DSI3 sig path:69

BW [MHz]	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	17.49	17.64	17.47		
20	QPSK	1	49	17.53	17.53	17.51	18.5	0
20	QPSK	1	99	17.45	17.46	17.37		
20	QPSK	50	0	17.57	17.60	17.57		
20	QPSK	50	24	17.41	17.49	17.52	18.5	0
20	QPSK	50	50	17.39	17.35	17.40		
20	QPSK	100	0	17.33	17.58	17.44		
20	16QAM	1	0	17.45

Band 25 Ant 0 DSI3 sig path:45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.62	15.69	15.57	16.5	0
20	QPSK	1	49	15.46	15.66	15.57		
20	QPSK	1	99	15.46	15.66	15.54		
20	QPSK	50	0	15.59	15.67	15.64	16.5	0
20	QPSK	50	24	15.50	15.67	15.62		
20	QPSK	50	50	15.50	15.51	15.59		
20	QPSK	100	0	15.48	15.58	15.51		
20	16QAM	1	0	15.54	15.52	15.44	16.5	0
20	16QAM	1	49	15.60	15.64	15.64		
20	16QAM	1	99	15.66	15.51	15.56		
20	16QAM	50	0	15.53	15.69	15.47	16.5	0
20	16QAM	50	24	15.55	15.57	15.45		
20	16QAM	50	50	15.49	15.49	15.61		
20	16QAM	100	0	15.57	15.63	15.55		
20	64QAM	1	0	15.52	15.53	15.53	16.5	0
20	64QAM	1	49	15.54	15.50	15.49		
20	64QAM	1	99	15.61	15.65	15.47		
20	64QAM	50	0	15.61	15.55	15.47	16.5	0
20	64QAM	50	24	15.51	15.54	15.58		
20	64QAM	50	50	15.68	15.49	15.55		
20	64QAM	100	0	15.43	15.56	15.53		
20	256QAM	1	0	15.48	15.54	15.47	16.5	0
20	256QAM	1	49	15.44	15.47	15.47		
20	256QAM	1	99	15.47	15.56	15.52		
20	256QAM	50	0	15.55	15.63	15.49	16.5	0
20	256QAM	50	24	15.42	15.60	15.52		
20	256QAM	50	50	15.62	15.65	15.63		
20	256QAM	100	0	15.64	15.49	15.66		
Channel				26113	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1897.5		
15	QPSK	1	0	15.51	15.58	15.49	16.5	0
15	QPSK	1	37	15.36	15.53	15.57		
15	QPSK	1	74	15.30	15.59	15.40		
15	QPSK	36	0	15.53	15.47	15.49	16.5	0
15	QPSK	36	20	15.36	15.43	15.54		
15	QPSK	36	39	15.47	15.44	15.52		
15	QPSK	75	0	15.38	15.51	15.33		
15	16QAM	1	0	15.44	15.35	15.37	16.5	0
15	16QAM	1	37	15.48	15.41	15.54		
15	16QAM	1	74	15.48	15.40	15.51		
15	16QAM	36	0	15.38	15.64	15.33	16.5	0
15	16QAM	36	20	15.47	15.53	15.37		
15	16QAM	36	39	15.33	15.43	15.44		
15	16QAM	75	0	15.39	15.45	15.46		
15	64QAM	1	0	15.47	15.44	15.38	16.5	0
15	64QAM	1	37	15.43	15.43	15.32		
15	64QAM	1	74	15.48	15.48	15.28		
15	64QAM	36	0	15.35	15.51	15.38	16.5	0
15	64QAM	36	20	15.39	15.37	15.56		
15	64QAM	36	39	15.50	15.31	15.43		
15	64QAM	75	0	15.27	15.49	15.40		
15	256QAM	1	0	15.39	15.46	15.35	16.5	0
15	256QAM	1	37	15.28	15.29	15.40		
15	256QAM	1	74	15.44	15.50	15.47		
15	256QAM	36	0	15.38	15.32	15.41	16.5	0
15	256QAM	36	20	15.32	15.60	15.47		
15	256QAM	36	39	15.44	15.53	15.59		
15	256QAM	75	0	15.60	15.48	15.65		
Channel				26140	26340	26540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.48	15.64	15.40	16.5	0
10	QPSK	1	25	15.44	15.50	15.53		
10	QPSK	1	49	15.28	15.60	15.38		
10	QPSK	25	0	15.40	15.58	15.50	16.5	0
10	QPSK	25	12	15.31	15.46	15.42		
10	QPSK	25	25	15.31	15.37	15.46		
10	QPSK	50	0	15.35	15.58	15.50	16.5	0
10	16QAM	1	0	15.47	15.33	15.47		
10	16QAM	1	25	15.67	15.27	15.55		
10	16QAM	1	49	15.65	15.48	15.44		
10	16QAM	25	0	15.52	15.56	15.28	16.5	0
10	16QAM	25	12	15.44	15.38	15.38		
10	16QAM	25	25	15.48	15.37	15.54		
10	16QAM	50	0	15.45	15.58	15.44		
10	64QAM	1	0	15.46	15.46	15.36	16.5	0
10	64QAM	1	25	15.40	15.36	15.36		
10	64QAM	1	49	15.47	15.61	15.28		
10	64QAM	25	0	15.27	15.57	15.38	16.5	0
10	64QAM	25	12	15.40	15.51	15.43		
10	64QAM	25	25	15.68	15.42	15.35		
10	64QAM	50	0	15.43	15.50	15.45		
10	256QAM	1	0	15.42	15.58	15.48	16.5	0
10	256QAM	1	25	15.39	15.41	15.33		
10	256QAM	1	49	15.32	15.49	15.51		
10	256QAM	25	0	15.40	15.43	15.35	16.5	0
10	256QAM	25	12	15.39	15.51	15.37		
10	256QAM	25	25	15.51	15.54	15.45		
10	256QAM	50	0	15.54	15.48	15.48		
Channel				26095	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.50	15.54	15.45	16.5	0
5	QPSK	1	12	15.43	15.58	15.56		
5	QPSK	1	24	15.41	15.58	15.38		
5	QPSK	12	0	15.58	15.48	15.62	16.5	0
5	QPSK	12	7	15.43	15.51	15.48		
5	QPSK	12	13	15.32	15.42	15.58		
5	QPSK	25	0	15.44	15.49	15.36		
5	16QAM	1	0	15.49	15.41	15.40	16.5	0
5	16QAM	1	12	15.51	15.40	15.59		
5	16QAM	1	24	15.59	15.43	15.51		
5	16QAM	12	0	15.48	15.67	15.46	16.5	0
5	16QAM	12	7	15.42	15.46	15.41		
5	16QAM	12	13	15.34	15.44	15.56		
5	16QAM	25	0	15.54	15.57	15.37		
5	64QAM	1	0	15.52	15.52	15.52	16.5	0
5	64QAM	1	12	15.40	15.44	15.43		
5	64QAM	1	24	15.51	15.54	15.41		
5	64QAM	12	0	15.40	15.51	15.37	16.5	0
5	64QAM	12	7	15.48	15.55	15.47		
5	64QAM	12	13	15.67	15.39	15.47		
5	64QAM	25	0	15.34	15.52	15.38		
5	256QAM	1	0	15.30	15.59	15.43	16.5	0
5	256QAM	1	12	15.47	15.32	15.44		
5	256QAM	1	24	15.40	15.39	15.40		
5	256QAM	12	0	15.46	15.51	15.48	16.5	0
5	256QAM	12	7	15.35	15.45	15.52		
5	256QAM	12	13	15.59	15.50	15.43		
5	256QAM	25	0	15.54	15.39	15.49		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.47	15.49	15.52	16.5	0
3	QPSK	1	8	15.43	15.50	15.45		
3	QPSK	1	14	15.30	15.51	15.36		
3	QPSK	8	0	15.52	15.53	15.52	16.5	0
3	QPSK	8	4	15.32	15.42	15.44		
3	QPSK	8	7	15.39	15.57	15.57		
3	QPSK	15	0	15.36	15.53	15.36		
3	16QAM	1	0	15.44	15.39	15.44	16.5	0
3	16QAM	1	8	15.42	15.44	15.60		
3	16QAM	1	14	15.60	15.42	15.49		
3	16QAM	8	0	15.38	15.49	15.46	16.5	0
3	16QAM	8	4	15.54	15.53	15.41		
3	16QAM	8	7	15.40	15.39	15.45		
3	16QAM	15	0	15.55	15.59	15.55		
3	64QAM	1	0	15.37	15.37	15.43	16.5	0
3	64QAM	1	8	15.54	15.38	15.39		
3	64QAM	1	14	15.58	15.64	15.40		
3	64QAM	8	0	15.33	15.42	15.45	16.5	0
3	64QAM	8	4	15.48	15.42	15.49		
3	64QAM	8	7	15.61	15.34	15.40		
3	64QAM	15	0	15.29	15.40	15.34	16.5	0
3	256QAM	1	0	15.43	15.54	15.47		
3	256QAM	1	8	15.35	15.32	15.30		
3	256QAM	1	14	15.31	15.48	15.51		
3	256QAM	8	0	15.37	15.52	15.45	16.5	0
3	256QAM	8	4	15.29	15.55	15.47		
3	256QAM	8	7	15.51	15.53	15.46		
3	256QAM	15	0	15.54	15.29	15.58		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.42	15.55	15.43	16.5	0
1.4	QPSK	1	3	15.43	15.54	15.56		
1.4	QPSK	1	5	15.39	15.57	15.53		
1.4	QPSK	3	0	15.49	15.55	15.45		
1.4	QPSK	3	1	15.33	15.52	15.58		
1.4	QPSK	3	3	15.37	15.50	15.52		
1.4	QPSK	6	0	15.28	15.39	15.33	16.5	0
1.4	16QAM	1	0	15.39	15.39	15.35	16.5	0
1.4	16QAM	1	3	15.44	15.30	15.44		
1.4	16QAM	1	5	15.63	15.35	15.54		
1.4	16QAM	3	0	15.49	15.62	15.38		
1.4	16QAM	3	1	15.44	15.38	15.43		
1.4	16QAM	3	3	15.42	15.41	15.47		
1.4	16QAM	6	0	15.53	15.53	15.36	16.5	0
1.4	64QAM	1	0	15.49	15.48	15.33	16.5	0
1.4	64QAM	1	3	15.40	15.47	15.45		
1.4	64QAM	1	5	15.60	15.64	15.29		
1.4	64QAM	3	0	15.23	15.54	15.30		
1.4	64QAM	3	1	15.34	15.52	15.54		
1.4	64QAM	3	3	15.63	15.38	15.53		
1.4	64QAM	6	0	15.35	15.46	15.45	16.5	0
1.4	256QAM	1	0	15.29	15.56	15.44	16.5	0
1.4	256QAM	1	3	15.35	15.32	15.41		
1.4	256QAM	1	5	15.30	15.48	15.51		
1.4	256QAM	3	0	15.43	15.47	15.33		
1.4	256QAM	3	1	15.25	15.45	15.48		
1.4	256QAM	3	3	15.54	15.52	15.54		
1.4	256QAM	6	0	15.59	15.34	15.58	16.5	0

Band 25 Ant 0 DSI3 sig path:457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.58	15.70	15.51	16.5	0
20	QPSK	1	49	15.60	15.64	15.55		
20	QPSK	1	99	15.55	15.51	15.52		
20	QPSK	50	0	15.54	15.66	15.42	16.5	0
20	QPSK	50	24	15.52	15.58	15.68		
20	QPSK	50	50	15.46	15.55	15.54		
20	QPSK	100	0	15.56	15.64	15.46		
20	16QAM	1	0	15.47	15.60	15.47	16.5	0
20	16QAM	1	49	15.60	15.64	15.59		
20	16QAM	1	99	15.56	15.57	15.45		
20	16QAM	50	0	15.58	15.57	15.63	16.5	0
20	16QAM	50	24	15.52	15.56	15.61		
20	16QAM	50	50	15.57	15.57	15.45		
20	16QAM	100	0	15.63	15.62	15.53		
20	64QAM	1	0	15.49	15.51	15.59	16.5	0
20	64QAM	1	49	15.48	15.60	15.52		
20	64QAM	1	99	15.47	15.70	15.62		
20	64QAM	50	0	15.48	15.58	15.65	16.5	0
20	64QAM	50	24	15.48	15.60	15.57		
20	64QAM	50	50	15.60	15.51	15.61		
20	64QAM	100	0	15.53	15.49	15.53		
20	256QAM	1	0	15.58	15.52	15.45	16.5	0
20	256QAM	1	49	15.52	15.47	15.52		
20	256QAM	1	99	15.55	15.49	15.60		
20	256QAM	50	0	15.60	15.57	15.48	16.5	0
20	256QAM	50	24	15.53	15.54	15.49		
20	256QAM	50	50	15.54	15.60	15.54		
20	256QAM	100	0	15.49	15.55	15.69		
Channel				26113	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1897.5		
15	QPSK	1	0	15.40	15.54	15.40	16.5	0
15	QPSK	1	37	15.49	15.58	15.49		
15	QPSK	1	74	15.44	15.39	15.46		
15	QPSK	36	0	15.41	15.47	15.41	16.5	0
15	QPSK	36	20	15.38	15.44	15.54		
15	QPSK	36	39	15.35	15.40	15.34		
15	QPSK	75	0	15.47	15.49	15.40	16.5	0
15	16QAM	1	0	15.29	15.45	15.38		
15	16QAM	1	37	15.54	15.54	15.54		
15	16QAM	1	74	15.55	15.46	15.41		
15	16QAM	36	0	15.55	15.48	15.53	16.5	0
15	16QAM	36	20	15.49	15.50	15.47		
15	16QAM	36	39	15.49	15.27	15.44		
15	16QAM	75	0	15.45	15.54	15.34	16.5	0
15	64QAM	1	0	15.47	15.31	15.58		
15	64QAM	1	37	15.30	15.54	15.45		
15	64QAM	1	74	15.31	15.63	15.61		
15	64QAM	36	0	15.43	15.55	15.61	16.5	0
15	64QAM	36	20	15.43	15.55	15.53		
15	64QAM	36	39	15.46	15.49	15.54		
15	64QAM	75	0	15.52	15.33	15.50	16.5	0
15	256QAM	1	0	15.47	15.53	15.39		
15	256QAM	1	37	15.44	15.39	15.39		
15	256QAM	1	74	15.38	15.31	15.56	16.5	0
15	256QAM	36	0	15.41	15.51	15.54		
15	256QAM	36	20	15.34	15.51	15.33		
15	256QAM	36	39	15.53	15.43	15.49	16.5	0
15	256QAM	75	0	15.49	15.46	15.61		
Channel				26095	26340	26585	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.54	15.59	15.42	16.5	0
10	QPSK	1	25	15.51	15.56	15.37		
10	QPSK	1	49	15.37	15.38	15.44		
10	QPSK	25	0	15.40	15.53	15.32	16.5	0
10	QPSK	25	12	15.40	15.56	15.58		
10	QPSK	25	25	15.29	15.39	15.54		
10	QPSK	50	0	15.50	15.45	15.28	16.5	0
10	16QAM	1	0	15.43	15.42	15.41		
10	16QAM	1	25	15.42	15.30	15.54		
10	16QAM	1	49	15.38	15.50	15.44		
10	16QAM	25	0	15.45	15.41	15.48	16.5	0
10	16QAM	25	12	15.41	15.50	15.50		
10	16QAM	25	25	15.44	15.36	15.44		
10	16QAM	50	0	15.48	15.46	15.41	16.5	0
10	64QAM	1	0	15.29	15.48	15.50		
10	64QAM	1	25	15.43	15.43	15.49		
10	64QAM	1	49	15.45	15.51	15.58		
10	64QAM	25	0	15.35	15.49	15.45	16.5	0
10	64QAM	25	12	15.28	15.48	15.51		
10	64QAM	25	25	15.46	15.50	15.50		
10	64QAM	50	0	15.39	15.39	15.51		
10	256QAM	1	0	15.49	15.49	15.28	16.5	0
10	256QAM	1	25	15.45	15.44	15.37		
10	256QAM	1	49	15.38	15.42	15.55		
10	256QAM	25	0	15.51	15.50	15.47	16.5	0
10	256QAM	25	12	15.50	15.45	15.29		
10	256QAM	25	25	15.38	15.58	15.47		
10	256QAM	50	0	15.39	15.48	15.48	16.5	0
Channel				26095	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.51	15.60	15.37	16.5	0
5	QPSK	1	12	15.56	15.47	15.50		
5	QPSK	1	24	15.39	15.46	15.51		
5	QPSK	12	0	15.50	15.54	15.23	16.5	0
5	QPSK	12	7	15.46	15.58	15.58		
5	QPSK	12	13	15.31	15.40	15.50		
5	QPSK	25	0	15.49	15.54	15.45	16.5	0
5	16QAM	1	0	15.40	15.48	15.36		
5	16QAM	1	12	15.38	15.31	15.54		
5	16QAM	1	24	15.50	15.46	15.44		
5	16QAM	12	0	15.47	15.60	15.62	16.5	0
5	16QAM	12	7	15.38	15.45	15.46		
5	16QAM	12	13	15.48	15.27	15.51		
5	16QAM	25	0	15.59	15.53	15.50	16.5	0
5	64QAM	1	0	15.38	15.56	15.66		
5	64QAM	1	12	15.37	15.44	15.52		
5	64QAM	1	24	15.30	15.63	15.60		
5	64QAM	12	0	15.45	15.56	15.61	16.5	0
5	64QAM	12	7	15.34	15.47	15.50		
5	64QAM	12	13	15.41	15.31	15.54		
5	64QAM	25	0	15.34	15.44	15.47	16.5	0
5	256QAM	1	0	15.51	15.53	15.27		
5	256QAM	1	12	15.30	15.42	15.44		
5	256QAM	1	24	15.42	15.49	15.49		
5	256QAM	12	0	15.53	15.40	15.36	16.5	0
5	256QAM	12	7	15.40	15.52	15.33		
5	256QAM	12	13	15.46	15.41	15.42		
5	256QAM	25	0	15.39	15.49	15.55	16.5	0
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.39	15.60	15.47	16.5	0
3	QPSK	1	8	15.42	15.53	15.46		
3	QPSK	1	14	15.41	15.40	15.35		
3	QPSK	8	0	15.45	15.52	15.27	16.5	0
3	QPSK	8	4	15.51	15.54	15.41		
3	QPSK	8	7	15.38	15.36	15.52		
3	QPSK	15	0	15.47	15.49	15.41	16.5	0
3	16QAM	1	0	15.44	15.58	15.38		
3	16QAM	1	8	15.44	15.27	15.44		
3	16QAM	1	14	15.47	15.45	15.51		
3	16QAM	8	0	15.54	15.38	15.56	16.5	0
3	16QAM	8	4	15.46	15.50	15.60		
3	16QAM	8	7	15.40	15.31	15.56		
3	16QAM	15	0	15.52	15.46	15.48	16.5	0
3	64QAM	1	0	15.48	15.55	15.41		
3	64QAM	1	8	15.30	15.42	15.43	16.5	0
3	64QAM	1	14	15.38	15.52	15.44		
3	64QAM	8	0	15.33	15.55	15.45	16.5	0
3	64QAM	8	4	15.46	15.42	15.46		
3	64QAM	8	7	15.60	15.39	15.43		
3	64QAM	15	0	15.39	15.37	15.45	16.5	0
3	256QAM	1	0	15.47	15.52	15.32		
3	256QAM	1	8	15.42	15.44	15.37		
3	256QAM	1	14	15.39	15.34	15.46	16.5	0
3	256QAM	8	0	15.42	15.45	15.34		
3	256QAM	8	4	15.45	15.51	15.43	16.5	0
3	256QAM	8	7	15.42	15.46	15.42		
3	256QAM	15	0	15.38	15.37	15.55		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.50	15.53	15.51	16.5	0
1.4	QPSK	1	3	15.40	15.52	15.47		
1.4	QPSK	1	5	15.53	15.45	15.46		
1.4	QPSK	3	0	15.53	15.54	15.32		
1.4	QPSK	3	1	15.50	15.54	15.51		
1.4	QPSK	3	3	15.45	15.45	15.39		
1.4	QPSK	6	0	15.47	15.62	15.45	16.5	0
1.4	16QAM	1	0	15.28	15.45	15.45	16.5	0
1.4	16QAM	1	3	15.51	15.45	15.48		
1.4	16QAM	1	5	15.47	15.56	15.40		
1.4	16QAM	3	0	15.55	15.45	15.55		
1.4	16QAM	3	1	15.48	15.51	15.43		
1.4	16QAM	3	3	15.53	15.43	15.58		
1.4	16QAM	6	0	15.57	15.41	15.36	16.5	0
1.4	64QAM	1	0	15.40	15.38	15.48	16.5	0
1.4	64QAM	1	3	15.29	15.46	15.41		
1.4	64QAM	1	5	15.31	15.61	15.51		
1.4	64QAM	3	0	15.38	15.52	15.52		
1.4	64QAM	3	1	15.34	15.51	15.45		
1.4	64QAM	3	3	15.54	15.38	15.45		
1.4	64QAM	6	0	15.53	15.39	15.40	16.5	0
1.4	256QAM	1	0	15.43	15.53	15.43	16.5	0
1.4	256QAM	1	3	15.41	15.44	15.36		
1.4	256QAM	1	5	15.44	15.47	15.57		
1.4	256QAM	3	0	15.56	15.46	15.37		
1.4	256QAM	3	1	15.41	15.45	15.46		
1.4	256QAM	3	3	15.45	15.59	15.48		
1.4	256QAM	6	0	15.37	15.35	15.57	16.5	0

Band 66 Ant 0 DSI3 sig path:70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.71	17.78	17.32	18.5	0
20	QPSK	1	49	17.49	17.69	17.70		
20	QPSK	1	99	17.50	17.52	17.57		
20	QPSK	50	0	17.72	17.75	17.55	18.5	0
20	QPSK	50	24	17.66	17.66	17.54		
20	QPSK	50	50	17.61	17.48	17.54		
20	QPSK	100	0	17.51	17.68	17.58		
20	16QAM	1	0	17.47	17.54	17.46	18.5	0
20

Band 2 Ant 4 DSI3 sig path:44

BW [MHz]	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	18.53	18.61	18.18	19.5	0
20	QPSK	1	49	18.37	18.55	18.42		
20	QPSK	1	99	18.42	18.55	18.48		
20	QPSK	50	0	18.46	18.58	18.55		
20	QPSK	50	24	18.54	18.43	18.54		
20	QPSK	50	50	18.45	18.37	18.39		
20	QPSK	100	0	18.49	18.53	18.45		
20	16QAM	1	0	18.54	18.41	18.37		
20	16QAM	1	49	18.48	18.37	18.54		
20	16QAM	1	99	18.41	18.39	18.36		
20	16QAM	50	0	18.38	18.51	18.48		
20	16QAM	50	24	18.47	18.43	18.43		
20	16QAM	50	50	18.49	18.39	18.51		
20	16QAM	100	0	18.43	18.41	18.50		
20	64QAM	1	0	18.48	18.51	18.46		
20	64QAM	1	49	18.50	18.58	18.47	19.5	0
20	64QAM	1	99	18.49	18.50	18.38		
20	64QAM	50	0	18.47	18.52	18.45		
20	64QAM	50	24	18.46	18.45	18.49		
20	64QAM	50	50	18.54	18.32	18.47		
20	64QAM	100	0	18.51	18.44	18.34		
20	256QAM	1	0	18.29	18.31	17.95		
20	256QAM	1	49	17.99	18.28	18.20	19	0.5
20	256QAM	1	99	18.07	18.21	17.84		
20	256QAM	50	0	18.14	18.22	18.21	19	0.5
20	256QAM	50	24	18.13	18.31	18.06		
20	256QAM	50	50	18.28	18.27	18.04		
20	256QAM	100	0	18.00	18.23	17.89		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.41	18.47	18.18	19.5	0
15	QPSK	1	37	18.25	18.55	18.36		
15	QPSK	1	74	18.31	18.55	18.43		
15	QPSK	36	0	18.34	18.39	18.40		
15	QPSK	36	20	18.47	18.25	18.39		
15	QPSK	36	39	18.39	18.23	18.22		
15	QPSK	75	0	18.39	18.42	18.34		
15	16QAM	1	0	18.52	18.23	18.32	19.5	0
15	16QAM	1	37	18.44	18.36	18.39		
15	16QAM	1	74	18.29	18.39	18.35		
15	16QAM	36	0	18.28	18.43	18.41		
15	16QAM	36	20	18.34	18.42	18.23		
15	16QAM	36	39	18.31	18.30	18.46		
15	16QAM	75	0	18.39	18.26	18.31		
15	64QAM	1	0	18.40	18.33	18.27		
15	64QAM	1	37	18.49	18.43	18.40	19.5	0
15	64QAM	1	74	18.30	18.47	18.19		
15	64QAM	36	0	18.27	18.45	18.42		
15	64QAM	36	20	18.36	18.31	18.41	19.5	0
15	64QAM	36	39	18.39	18.32	18.39		
15	64QAM	75	0	18.45	18.30	18.19		
15	256QAM	1	0	18.16	18.15	17.83		
15	256QAM	1	37	17.95	18.25	18.16	19	0.5
15	256QAM	1	74	18.01	18.09	17.77		
15	256QAM	36	0	18.00	18.17	18.06		
15	256QAM	36	20	18.03	18.23	18.01	19	0.5
15	256QAM	36	39	18.23	18.13	17.91		
15	256QAM	75	0	17.85	18.16	17.75		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.34	18.44	18.01	19.5	0
10	QPSK	1	25	18.23	18.45	18.33		
10	QPSK	1	49	18.31	18.46	18.42		
10	QPSK	25	0	18.44	18.42	18.50		
10	QPSK	25	12	18.51	18.37	18.52		
10	QPSK	25	25	18.30	18.24	18.37		
10	QPSK	50	0	18.38	18.35	18.29		
10	16QAM	1	0	18.42	18.25	18.26		
10	16QAM	1	25	18.35	18.20	18.36	19.5	0
10	16QAM	1	49	18.26	18.38	18.30		
10	16QAM	25	0	18.30	18.32	18.42		
10	16QAM	25	12	18.35	18.42	18.35	19.5	0
10	16QAM	25	25	18.36	18.20	18.39		
10	16QAM	50	0	18.42	18.40	18.48		
10	64QAM	1	0	18.46	18.31	18.44		
10	64QAM	1	25	18.32	18.55	18.35	19.5	0
10	64QAM	1	49	18.32	18.36	18.38		
10	64QAM	25	0	18.47	18.40	18.30		
10	64QAM	25	12	18.30	18.32	18.48	19.5	0
10	64QAM	25	25	18.35	18.14	18.47		
10	64QAM	50	0	18.37	18.44	18.20		
10	256QAM	1	0	18.25	18.19	17.85		
10	256QAM	1	25	17.94	18.24	18.12	19	0.5
10	256QAM	1	49	18.02	18.09	17.76		
10	256QAM	25	0	18.06	18.16	18.01	19	0.5
10	256QAM	25	12	18.04	18.18	17.94		
10	256QAM	25	25	18.13	18.16	17.95		
10	256QAM	50	0	17.89	18.13	17.84		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.52	18.49	18.09	19.5	0
5	QPSK	1	12	18.37	18.54	18.40		
5	QPSK	1	24	18.32	18.42	18.43		
5	QPSK	12	0	18.34	18.54	18.41		
5	QPSK	12	7	18.41	18.35	18.42		
5	QPSK	12	13	18.39	18.30	18.36		
5	QPSK	25	0	18.40	18.49	18.26		
5	16QAM	1	0	18.47	18.41	18.31	19.5	0
5	16QAM	1	12	18.38	18.23	18.36		
5	16QAM	1	24	18.29	18.25	18.32		
5	16QAM	12	0	18.28	18.39	18.38		
5	16QAM	12	7	18.38	18.25	18.27	19.5	0
5	16QAM	12	13	18.30	18.35	18.36		
5	16QAM	25	0	18.25	18.28	18.32		
5	64QAM	1	0	18.35	18.48	18.43	19.5	0
5	64QAM	1	12	18.38	18.43	18.27		
5	64QAM	1	24	18.37	18.37	18.20		
5	64QAM	12	0	18.41	18.34	18.34		
5	64QAM	12	7	18.34	18.27	18.36	19.5	0
5	64QAM	12	13	18.40	18.29	18.29		
5	64QAM	25	0	18.46	18.27	18.22		
5	256QAM	1	0	18.19	18.24	17.84		
5	256QAM	1	12	17.84	18.18	18.10	19	0.5
5	256QAM	1	24	18.00	18.12	17.90		
5	256QAM	12	0	18.01	18.08	18.14		
5	256QAM	12	7	18.07	18.23	17.97	19	0.5
5	256QAM	12	13	18.14	18.19	17.95		
5	256QAM	25	0	17.88	18.14	17.81		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.53	18.47	18.14	19.5	0
3	QPSK	1	8	18.20	18.39	18.23		
3	QPSK	1	14	18.23	18.37	18.41		
3	QPSK	8	0	18.28	18.43	18.48		
3	QPSK	8	4	18.41	18.38	18.45	19.5	0
3	QPSK	8	7	18.38	18.25	18.38		
3	QPSK	15	0	18.33	18.36	18.45		
3	16QAM	1	0	18.50	18.39	18.36	19.5	0
3	16QAM	1	8	18.37	18.31	18.49		
3	16QAM	1	14	18.31	18.27	18.16		
3	16QAM	8	0	18.37	18.48	18.39		
3	16QAM	8	4	18.28	18.42	18.39	19.5	0
3	16QAM	8	7	18.39	18.33	18.48		
3	16QAM	15	0	18.23	18.38	18.38		
3	64QAM	1	0	18.42	18.35	18.27	19.5	0
3	64QAM	1	8	18.49	18.57	18.26		
3	64QAM	1	14	18.29	18.47	18.28		
3	64QAM	8	0	18.37	18.38	18.30		
3	64QAM	8	4	18.46	18.36	18.45	19.5	0
3	64QAM	8	7	18.51	18.25	18.28		
3	64QAM	15	0	18.49	18.41	18.22		
3	256QAM	1	0	18.16	18.27	17.90	19	0.5
3	256QAM	1	8	17.92	18.22	18.08		
3	256QAM	1	14	18.00	18.15	17.95		
3	256QAM	8	0	17.99	18.15	18.13		
3	256QAM	8	4	18.08	18.20	17.99	19	0.5
3	256QAM	8	7	18.23	18.22	17.90		
3	256QAM	15	0	17.96	18.16	17.79		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.51	18.49	18.03	19.5	0
1.4	QPSK	1	3	18.31	18.50	18.26		
1.4	QPSK	1	5	18.39	18.41	18.34		
1.4	QPSK	3	0	18.29	18.45	18.41		
1.4	QPSK	3	1	18.49	18.35	18.44		
1.4	QPSK	3	3	18.43	18.27	18.34		
1.4	QPSK	6	0	18.34	18.38	18.27	19.5	0
1.4	16QAM	1	0	18.49	18.22	18.28	19.5	0
1.4	16QAM	1	3	18.34	18.22	18.50		
1.4	16QAM	1	5	18.32	18.26	18.21		
1.4	16QAM	3	0	18.23	18.33	18.32		
1.4	16QAM	3	1	18.37	18.29	18.30		
1.4	16QAM	3	3	18.31	18.33	18.48		
1.4	16QAM	6	0	18.31	18.29	18.48		
1.4	64QAM	1	0	18.31	18.32	18.29	19.5	0
1.4	64QAM	1	3	18.39	18.54	18.33		
1.4	64QAM	1	5	18.41	18.42	18.37		
1.4	64QAM	3	0	18.36	18.33	18.42		
1.4	64QAM	3	1	18.33	18.43	18.43		
1.4	64QAM	3	3	18.44	18.16	18.39		
1.4	64QAM	6	0	18.34	18.31	18.18	19.5	0
1.4	256QAM	1	0	18.09	18.21	18.06	19	0.5
1.4	256QAM	1	3	17.92	17.97	18.24		
1.4	256QAM	1	5	18.02	18.19	18.05		
1.4	256QAM	3	0	18.31	18.25	18.18		
1.4	256QAM	3	1	18.08	18.27	18.18		
1.4	256QAM	3	3	18.05	18.41	18.12		
1.4	256QAM	6	0	17.94	18.19	17.92	19	0.5

Band 2 Ant 4 DSI3 sig path:456

BW [MHz]	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	18.51	18.62	18.20	19.5	0
20	QPSK	1	49	18.38	18.61	18.52		
20	QPSK	1	99	18.42	18.56	18.42		
20	QPSK	50	0	18.44	18.59	18.29		
20	QPSK	50	24	18.55	18.52	18.58		
20	QPSK	50	50	18.35	18.40	18.50		
20	QPSK	100	0	18.40	18.55	18.53		
20	16QAM	1	0	18.47	18.41	18.52		
20	16QAM	1	49	18.47	18.35	18.53	19.5	0
20	16QAM	1	99	18.54	18.44	18.46		
20	16QAM	50	0	18.37	18.56	18.37		
20	16QAM	50	24	18.44	18.40	18.41	19.5	0
20	16QAM	50	50	18.40	18.37	18.57		
20	16QAM	100	0	18.59	18.46	18.48		
20	64QAM	1	0	18.39	18.39	18.36		
20	64QAM	1	49	18.44	18.39	18.49	19.5	0
20	64QAM	1	99	18.39	18.43	18.36		
20	64QAM	50	0	18.42	18.43	18.40		
20	64QAM	50	24	18.42	18.42	18.39	19.5	0
20	64QAM	50	50	18.59	18.41	18.39		
20	64QAM	100	0	18.35	18.54	18.39		
20	256QAM	1	0	18.14	18.16	17.80		
20	256QAM	1	49	17.90	18.16	18.06	19	0.5
20	256QAM	1	99	17.95	18.12	17.76		
20	256QAM	50	0	18.01	18.16	18.13		
20	256QAM	50	24	18.02	18.19	17.97	19	0.5
20	256QAM	50	50	18.20	18.16	17.92		
20	256QAM	100	0	17.86	18.10	17.76		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.34	18.52	18.11	19.5	0
15	QPSK	1	37	18.36	18.56	18.50		
15	QPSK	1	74	18.31	18.40	18.24		
15	QPSK	36	0	18.40	18.40	18.18		
15	QPSK	36	20	18.45	18.32	18.47	19.5	0
15	QPSK	36	39	18.27	18.28	18.35		
15	QPSK	75	0	18.28	18.39	18.45		
15	16QAM	1	0	18.40	18.29	18.35	19.5	0
15	16QAM	1	37	18.28	18.33	18.48		
15	16QAM	1	74	18.39	18.39	18.35		
15	16QAM	36	0	18.17	18.44	18.26		
15	16QAM	36	20	18.39	18.23	18.21	19.5	0
15	16QAM	36	39	18.25	18.18	18.47		
15	16QAM	75	0	18.28	18.18	18.32		
15	64QAM	1	0	18.19	18.23	18.29	19.5	0
15	64QAM	1	37	18.42	18.20	18.47		
15	64QAM	1	74	18.31	18.31	18.19		
15	64QAM	36	0	18.37	18.43	18.22		
15	64QAM	36	20	18.27	18.41	18.34	19.5	0
15	64QAM	36	39	18.46	18.39	18.37		
15	64QAM	75	0	18.22	18.37	18.36		
15	256QAM	1	0	18.07	18.06	17.68		
15	256QAM	1	37	17.75	18.05	17.94	19	0.5
15	256QAM	1	74	17.82	18.07	17.62		
15	256QAM	36	0	17.97	18.01	18.06		
15	256QAM	36	20	17.89	18.11	17.83	19	0.5
15	256QAM	36	39	18.12	18.08	17.87		
15	256QAM	75	0	17.82	17.95	17.60		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.40	18.47	18.18	19.5	0
10	QPSK	1	25	18.23	18.52	18.39		
10	QPSK	1	49	18.23	18.38	18.24		
10	QPSK	25	0	18.33	18.46	18.09		
10	QPSK	25	12	18.39	18.37	18.43	19.5	0
10	QPSK	25	25	18.16	18.25	18.35		
10	QPSK	50	0	18.22	18.54	18.52		
10	16QAM	1	0	18.35	18.26	18.33		
10	16QAM	1	25	18.31	18.35	18.35	19.5	0
10	16QAM	1	49	18.48	18.30	18.48		
10	16QAM	25	0	18.23	18.36	18.26		
10	16QAM	25	12	18.40	18.30	18.34	19.5	0
10	16QAM	25	25	18.30	18.32	18.41		
10	16QAM	50	0	18.37	18.39	18.39		
10	64QAM	1	0	18.30	18.21	18.33		
10	64QAM	1	25	18.43	18.19	18.34	19.5	0
10	64QAM	1	49	18.34	18.39	18.25		
10	64QAM	25	0	18.27	18.34	18.29		
10	64QAM	25	12	18.35	18.23	18.39	19.5	0
10	64QAM	25	25	18.48	18.34	18.32		
10	64QAM	50	0	18.22	18.38	18.22		
10	256QAM	1	0	18.04	18.06	17.68		
10	256QAM	1	25	17.81	18.05	18.00	19	0.5
10	256QAM	1	49	17.81	18.01	17.67		
10	256QAM	25	0	17.96	18.06	17.98		
10	256QAM	25	12	17.84	18.02	17.84	19	0.5
10	256QAM	25	25	18.05	18.07	17.85		
10	256QAM	50	0	17.76	17.94	17.64		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.41	18.49	18.09	19.5	0
5	QPSK	1	12	18.30	18.59	18.34		
5	QPSK	1	24	18.32	18.44	18.23		
5	QPSK	12	0	18.26	18.53	18.26		
5	QPSK	12	7	18.43	18.39	18.46	19.5	0
5	QPSK	12	13	18.18	18.35	18.39		
5	QPSK	25	0	18.25	18.48	18.52		
5	16QAM	1	0	18.35	18.32	18.48		
5	16QAM	1	12	18.29	18.39	18.44	19.5	0
5	16QAM	1	24	18.52	18.38	18.28		
5	16QAM	12	0	18.21	18.37	18.29		
5	16QAM	12	7	18.38	18.29	18.21	19.5	0
5	16QAM	12	13	18.25	18.36	18.56		
5	16QAM	25	0	18.55	18.36	18.38		
5	64QAM	1	0	18.38	18.22	18.30		
5	64QAM	1	12	18.43	18.20	18.48	19.5	0
5	64QAM	1	24	18.23	18.37	18.24		
5	64QAM	12	0	18.42	18.29	18.30		
5	64QAM	12	7	18.26	18.36	18.38	19.5	0
5	64QAM	12	13	18.57	18.36	18.39		
5	64QAM	25	0	18.34	18.20	18.46		
5	256QAM	1	0	18.09	18.02	17.68		
5	256QAM	1	12	17.77	18.02	17.97	19	0.5
5	256QAM	1	24	17.87	18.01	17.65		
5	256QAM	12	0	17.90	18.01	18.00		
5	256QAM	12	7	17.90	18.13	17.92	19	0.5
5	256QAM	12	13	18.04	18.01	17.77		
5	256QAM	25	0	17.75	17.96	17.68		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.48	18.43	18.11	19.5	0
3	QPSK	1	8	18.19	18.59	18.40		
3	QPSK	1	14	18.37	18.48	18.28		
3	QPSK	8	0	18.32	18.56	18.26		
3	QPSK	8	4	18.46	18.43	18.38	19.5	0
3	QPSK	8	7	18.29	18.21	18.30		
3	QPSK	15	0	18.26	18.38	18.51		
3	16QAM	1	0	18.36	18.39	18.33		
3	16QAM	1	8	18.44	18.30	18.44	19.5	0
3	16QAM	1	14	18.39	18.38	18.41		
3	16QAM	8	0	18.23	18.49	18.22		
3	16QAM	8	4	18.37	18.26	18.28	19.5	0
3	16QAM	8	7	18.23	18.20	18.41		
3	16QAM	15	0	18.55	18.41	18.35		
3	64QAM	1	0	18.37	18.21	18.28	19.5	0
3	64QAM	1	8	18.49	18.38	18.48		
3	64QAM	1	14	18.28	18.41	18.28		
3	64QAM	8	0	18.23	18.28	18.32		
3	64QAM	8	4	18.30	18.39	18.22	19.5	0
3	64QAM	8	7	18.47	18.26	18.26		
3	64QAM	15	0	18.18	18.45	18.29		
3	256QAM	1	0	18.09	18.10	17.73		
3	256QAM	1	8	17.82	18.04	17.91	19	0.5
3	256QAM	1	14	17.93	18.05	17.68		
3	256QAM	8	0	17.94	18.03	17.98		
3	256QAM	8	4	17.94	18.09	17.86	19	0.5
3	256QAM	8	7	18.08	18.11	17.79		
3	256QAM	15	0	17.72	18.06	17.70		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.49	18.58	18.17	19.5	0
1.4	QPSK	1	3	18.27	18.43	18.49		
1.4	QPSK	1	5	18.40	18.53	18.26		
1.4	QPSK	3	0	18.44	18.40	18.20		
1.4	QPSK	3	1	18.49	18.38	18.48		
1.4	QPSK	3	3	18.31	18.38	18.42		
1.4	QPSK	6	0	18.35	18.39	18.34	19.5	0
1.4	16QAM	1	0	18.37	18.39	18.35	19.5	0
1.4	16QAM	1	3	18.46	18.23	18.45		
1.4	16QAM	1	5	18.48	18.35	18.45		
1.4	16QAM	3	0	18.32	18.31	18.34		
1.4	16QAM	3	1	18.25	18.30	18.22		
1.4	16QAM	3	3	18.25	18.20	18.39		
1.4	16QAM	6	0	18.55	18.30	18.32	19.5	0
1.4	64QAM	1	0	18.35	18.36	18.18	19.5	0
1.4	64QAM	1	3	18.26	18.35	18.47		
1.4	64QAM	1	5	18.22	18.26	18.20		
1.4	64QAM	3	0	18.33	18.31	18.29		
1.4	64QAM	3	1	18.42	18.36	18.34		
1.4	64QAM	3	3	18.48	18.24	18.22		
1.4	64QAM	6	0	18.34	18.46	18.38	19.5	0
1.4	256QAM	1	0	17.93	18.10	17.99	19	0.5
1.4	256QAM	1	3	17.80	17.91	18.09		
1.4	256QAM	1	5	17.91	18.06	17.98		
1.4	256QAM	3	0	18.23	18.15	18.10		
1.4	256QAM	3	1	17.97	18.21	18.04		
1.4	256QAM	3	3	17.99	18.34	17.98		
1.4	256QAM	6	0	17.80	18.15	17.81	19	0.5

Band 4 Ant 4 DSI3 sig path:69

BW [MHz]	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	20.33	20.45	20.37	20.5	0
20	QPSK	1	49	20.31	20.38	20.38		
20	QPSK	1	99	20.28	20.39	20.33		
20	QPSK	50	0	20.33	20.37	20.26		
20	QPSK	50	24	20.34	20.32	20.30		
20	QPSK	50	50	20.12	20.18	20.22		
20	QPSK	100	0	20.29	20.33	20.29		
20	16QAM	1	0	20.26	20.25	20.14		
20	16QAM	1	49	20.39	20.13	20.36	20.5	0
20	16QAM	1	99	20.23	20.27	20.26		
20	16QAM	50	0	20.29	20.29	20.31		
20	16QA

Band 25 Ant 4 DSI3 sig path:45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26500		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.53	18.67	18.40	19.5	0
20	QPSK	1	49	18.43	18.50	18.53		
20	QPSK	1	99	18.53	18.46	18.38		
20	QPSK	50	0	18.45	18.61	18.59		
20	QPSK	50	24	18.53	18.60	18.52	19.5	0
20	QPSK	50	50	18.38	18.42	18.47		
20	QPSK	100	0	18.58	18.58	18.52		
20	16QAM	1	0	18.54	18.46	18.33		
20	16QAM	1	49	18.56	18.36	18.49	19.5	0
20	16QAM	1	99	18.50	18.47	18.45		
20	16QAM	50	0	18.45	18.46	18.38		
20	16QAM	50	24	18.49	18.48	18.44	19.5	0
20	16QAM	50	50	18.41	18.35	18.50		
20	16QAM	100	0	18.55	18.58	18.48		
20	64QAM	1	0	18.48	18.51	18.41		
20	64QAM	1	49	18.43	18.45	18.37	19.5	0
20	64QAM	1	99	18.43	18.42	18.40		
20	64QAM	50	0	18.48	18.55	18.46		
20	64QAM	50	24	18.52	18.42	18.36	19.5	0
20	64QAM	50	50	18.59	18.48	18.35		
20	64QAM	100	0	18.49	18.46	18.50		
20	256QAM	1	0	18.38	18.35	18.02		
20	256QAM	1	49	18.09	18.33	18.22	19	0.5
20	256QAM	1	99	18.15	18.22	17.88		
20	256QAM	50	0	18.24	18.29	18.20		
20	256QAM	50	24	18.15	18.31	18.12	19	0.5
20	256QAM	50	50	18.33	18.29	18.10		
20	256QAM	100	0	18.11	18.29	17.99		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.39	18.48	18.26	19.5	0
15	QPSK	1	37	18.39	18.44	18.32		
15	QPSK	1	74	18.50	18.32	18.33		
15	QPSK	36	0	18.28	18.48	18.56		
15	QPSK	36	20	18.39	18.48	18.49	19.5	0
15	QPSK	36	39	18.20	18.30	18.43		
15	QPSK	75	0	18.43	18.51	18.39		
15	16QAM	1	0	18.44	18.27	18.24		
15	16QAM	1	37	18.52	18.17	18.30	19.5	0
15	16QAM	1	74	18.48	18.32	18.32		
15	16QAM	36	0	18.33	18.43	18.32		
15	16QAM	36	20	18.43	18.48	18.43	19.5	0
15	16QAM	36	39	18.34	18.29	18.40		
15	16QAM	75	0	18.37	18.31	18.31		
15	64QAM	1	0	18.32	18.47	18.26	19.5	0
15	64QAM	1	37	18.29	18.30	18.32		
15	64QAM	1	74	18.29	18.39	18.36		
15	64QAM	36	0	18.43	18.47	18.43		
15	64QAM	36	20	18.49	18.21	18.21	19.5	0
15	64QAM	36	39	18.49	18.40	18.31		
15	64QAM	75	0	18.30	18.34	18.43		
15	256QAM	1	0	18.33	18.20	17.97		
15	256QAM	1	37	17.96	18.26	18.03	19	0.5
15	256QAM	1	74	18.11	18.08	17.84		
15	256QAM	36	0	18.17	18.21	18.12		
15	256QAM	36	20	18.04	18.20	17.96	19	0.5
15	256QAM	36	39	18.28	18.06	18.06		
15	256QAM	75	0	18.03	18.19	17.93		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.43	18.38	18.20	19.5	0
10	QPSK	1	25	18.35	18.44	18.45		
10	QPSK	1	49	18.33	18.27	18.29		
10	QPSK	25	0	18.36	18.44	18.51		
10	QPSK	25	12	18.48	18.60	18.51	19.5	0
10	QPSK	25	25	18.34	18.28	18.40		
10	QPSK	50	0	18.50	18.47	18.45		
10	16QAM	1	0	18.47	18.26	18.30		
10	16QAM	1	25	18.41	18.16	18.30	19.5	0
10	16QAM	1	49	18.32	18.36	18.26		
10	16QAM	25	0	18.38	18.37	18.31		
10	16QAM	25	12	18.46	18.43	18.30	19.5	0
10	16QAM	25	25	18.38	18.33	18.39		
10	16QAM	50	0	18.46	18.58	18.35		
10	64QAM	1	0	18.33	18.39	18.32		
10	64QAM	1	25	18.40	18.33	18.25	19.5	0
10	64QAM	1	49	18.39	18.30	18.22		
10	64QAM	25	0	18.40	18.47	18.41		
10	64QAM	25	12	18.45	18.31	18.28	19.5	0
10	64QAM	25	25	18.56	18.40	18.17		
10	64QAM	50	0	18.42	18.41	18.50		
10	256QAM	1	0	18.30	18.37	17.97		
10	256QAM	1	25	18.02	18.21	18.07	19	0.5
10	256QAM	1	49	18.02	18.08	17.92		
10	256QAM	25	0	18.10	18.24	18.06		
10	256QAM	25	12	18.06	18.11	18.06	19	0.5
10	256QAM	25	25	18.23	18.15	17.94		
10	256QAM	50	0	18.02	18.18	17.87		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.37	18.52	18.34	19.5	0
5	QPSK	1	12	18.30	18.36	18.41		
5	QPSK	1	24	18.52	18.45	18.24		
5	QPSK	12	0	18.36	18.45	18.55		
5	QPSK	12	7	18.48	18.46	18.39	19.5	0
5	QPSK	12	13	18.32	18.29	18.28		
5	QPSK	25	0	18.40	18.40	18.38		
5	16QAM	1	0	18.54	18.36	18.16		
5	16QAM	1	12	18.49	18.33	18.29	19.5	0
5	16QAM	1	24	18.49	18.27	18.37		
5	16QAM	12	0	18.33	18.29	18.19		
5	16QAM	12	7	18.35	18.39	18.33	19.5	0
5	16QAM	12	13	18.23	18.38	18.39		
5	16QAM	25	0	18.41	18.38	18.46		
5	64QAM	1	0	18.37	18.32	18.27		
5	64QAM	1	12	18.38	18.33	18.29	19.5	0
5	64QAM	1	24	18.41	18.36	18.36		
5	64QAM	12	0	18.41	18.50	18.37		
5	64QAM	12	7	18.44	18.34	18.24	19.5	0
5	64QAM	12	13	18.47	18.39	18.30		
5	64QAM	25	0	18.25	18.31	18.31		
5	256QAM	1	0	18.25	18.31	17.90		
5	256QAM	1	12	18.01	18.21	18.08	19	0.5
5	256QAM	1	24	18.07	18.16	17.89		
5	256QAM	12	0	18.15	18.16	18.04		
5	256QAM	12	7	18.05	18.24	17.97	19	0.5
5	256QAM	12	13	18.21	18.22	17.97		
5	256QAM	25	0	18.04	18.22	17.93		
Channel				26040	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.45	18.59	18.22	19.5	0
3	QPSK	1	8	18.34	18.31	18.43		
3	QPSK	1	14	18.53	18.35	18.30		
3	QPSK	8	0	18.43	18.47	18.55		
3	QPSK	8	4	18.47	18.52	18.37	19.5	0
3	QPSK	8	7	18.28	18.41	18.28		
3	QPSK	15	0	18.46	18.49	18.45		
3	16QAM	1	0	18.37	18.26	18.34		
3	16QAM	1	8	18.38	18.29	18.32	19.5	0
3	16QAM	1	14	18.42	18.37	18.43		
3	16QAM	8	0	18.32	18.31	18.32		
3	16QAM	8	4	18.31	18.34	18.40	19.5	0
3	16QAM	8	7	18.26	18.15	18.31		
3	16QAM	15	0	18.37	18.56	18.44		
3	64QAM	1	0	18.41	18.38	18.35		
3	64QAM	1	8	18.20	18.20	18.20	19.5	0
3	64QAM	1	14	18.25	18.36	18.24		
3	64QAM	8	0	18.46	18.48	18.30		
3	64QAM	8	4	18.40	18.32	18.30	19.5	0
3	64QAM	8	7	18.46	18.27	18.27		
3	64QAM	15	0	18.44	18.38	18.32		
3	256QAM	1	0	18.31	18.29	17.92		
3	256QAM	1	8	17.94	18.24	18.18	19	0.5
3	256QAM	1	14	18.11	18.08	17.88		
3	256QAM	8	0	18.19	18.20	18.08		
3	256QAM	8	4	18.07	18.26	18.03	19	0.5
3	256QAM	8	7	18.22	18.14	18.02		
3	256QAM	15	0	18.08	18.17	17.89		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.51	18.59	18.20	19.5	0
1.4	QPSK	1	3	18.29	18.37	18.36		
1.4	QPSK	1	5	18.34	18.36	18.17		
1.4	QPSK	3	0	18.39	18.60	18.45		
1.4	QPSK	3	1	18.36	18.55	18.41		
1.4	QPSK	3	3	18.25	18.39	18.45		
1.4	QPSK	6	0	18.47	18.58	18.51	19.5	0
1.4	16QAM	1	0	18.45	18.27	18.20	19.5	0
1.4	16QAM	1	3	18.51	18.32	18.44		
1.4	16QAM	1	5	18.39	18.27	18.36		
1.4	16QAM	3	0	18.28	18.43	18.26		
1.4	16QAM	3	1	18.38	18.28	18.35		
1.4	16QAM	3	3	18.35	18.19	18.32		
1.4	16QAM	6	0	18.51	18.48	18.45	19.5	0
1.4	64QAM	1	0	18.38	18.33	18.40	19.5	0
1.4	64QAM	1	3	18.36	18.35	18.27		
1.4	64QAM	1	5	18.31	18.22	18.33		
1.4	64QAM	3	0	18.30	18.47	18.27		
1.4	64QAM	3	1	18.45	18.28	18.27		
1.4	64QAM	3	3	18.39	18.32	18.31		
1.4	64QAM	6	0	18.29	18.28	18.34	19.5	0
1.4	256QAM	1	0	18.08	18.19	18.05	19	0.5
1.4	256QAM	1	3	17.82	18.10	18.16		
1.4	256QAM	1	5	17.98	18.09	17.98		
1.4	256QAM	3	0	18.30	18.28	18.26		
1.4	256QAM	3	1	17.98	18.27	18.16		
1.4	256QAM	3	3	18.11	18.30	18.02		
1.4	256QAM	6	0	18.05	18.11	17.84	19	0.5

Band 25 Ant 4 DSI3 sig path:457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26500		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.56	18.68	18.47	19.5	0
20	QPSK	1	49	18.52	18.64	18.45		
20	QPSK	1	99	18.41	18.58	18.43		
20	QPSK	50	0	18.46	18.64	18.58		
20	QPSK	50	24	18.49	18.55	18.58	19.5	0
20	QPSK	50	50	18.35	18.32	18.41		
20	QPSK	100	0	18.60	18.57	18.53		
20	16QAM	1	0	18.45	18.40	18.44		
20	16QAM	1	49	18.46	18.45	18.55	19.5	0
20	16QAM	1	99	18.57	18.42	18.44		
20	16QAM	50	0	18.43	18.58	18.42		
20	16QAM	50	24	18.37	18.34	18.46	19.5	0
20	16QAM	50	50	18.43	18.34	18.47		
20	16QAM	100	0	18.40	18.51	18.37		
20	64QAM	1	0	18.46	18.46	18.38		
20	64QAM	1	49	18.38	18.41	18.42	19.5	0
20	64QAM	1	99	18.50	18.49	18.38		
20	64QAM	50	0	18.35	18.47	18.56		
20	64QAM	50	24	18.46	18.39	18.44	19.5	0
20	64QAM	50	50	18.53	18.41	18.46		
20	64QAM	100	0	18.41	18.50	18.47		
20	256QAM	1	0	18.25	18.18	17.89	19	0.5
20	256QAM	1	49	17.92	18.15	18.13		
20	256QAM	1	99	18.03	18.16	17.83		
20	256QAM	50	0	18.01	18.15	18.18		
20	256QAM	50	24	18.03	18.28	17.98	19	0.5
20	256QAM	50	50	18.30	18.17	17.94		
20	256QAM	100	0	17.86	18.11	17.86		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.50	18.60	18.30	19.5	0
15	QPSK	1	37	18.53	18.32	18.17		
15	QPSK	1	74	18.40	18.47	18.31		
15	QPSK	36	0	18.36	18.51	18.39		
15	QPSK	36	20	18.34	18.53	18.57	19.5	0
15	QPSK	36	39	18.22	18.13	18.27		
15	QPSK	75	0	18.22	18.41	18.47		
15	16QAM	1	0	18.34	18.37	18.36		
15	16QAM	1	37	18.37	18.29	18.44	19.5	0
15	16QAM	1	74	18.40	18.34	18.37		
15	16QAM	36	0	18.16	18.48	18.24		
15	16QAM	36	20	18.19	18.25	18.38	19.5	0
15	16QAM	36	39	18.33	18.24	18.39		
15	16QAM	75	0	18.31	18.45	18.35		
15	64QAM	1	0	18.50	18.28	18.21	19.5	0
15	64QAM	1	37	18.37	18.38	18.35		
15	64QAM	1	74	18.30	18.43	18.36		
15	64QAM	36	0	18.33	18.34	18.47		
15	64QAM	36	20	18.43	18.21	18.44	19.5	0
15	64QAM	36	39	18.48	18.35	18.44		
15	64QAM	75	0	18.22	18.32	18.46		
15	256QAM	1	0	18.20	18.12	17.75		
15	256QAM	1	37	17.93	18.05	18.01	19	0.5
15	256QAM	1	74	17.93	18.05	17.75		
15	256QAM	36	0	17.88	18.10	18.04		
15	256QAM	36	20	17.98	18.17	17.93	19	0.5
15	256QAM	36	39	18.24	17.84	17.84		
15	256QAM	75	0	17.76	18.07	17.74		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.40	18.36	18.20	19.5	0
10	QPSK	1	25	18.48	18.62	18.38		
10	QPSK	1	49	18.32	18.49	18.27		
10	QPSK	25	0	18.31	18.51	18.42		
10	QPSK	25	12	18.46	18.46	18.45	19.5	0
10	QPSK	25	25	18.16	18.39	18.26		
10	QPSK	50	0	18.38	18.54	18.52		
10	16QAM	1	0	18.25	18.24	18.38		
10	16QAM	1	25	18.40	18.32	18.41	19.5	0
10	16QAM	1	49	18.53	18.31	18.31		
10	16QAM	25	0	18.14	18.57	18.37		
10	16QAM	25	12	18.23	18.25	18.45	19.5	0
10	16QAM	25	25	18.39	18.31	18.38		
10	16QAM	50	0	18.24	18.44	18.23		
10	64QAM	1	0	18.50	18.29	18.26		
10	64QAM	1	25	18.21	18.29	18.36	19.5	0
10	64QAM	1	49	18.49	18.31	18.21		
10	64QAM	25	0	18.41	18.36	18.53		
10	64QAM	25	12	18.30	18.35	18.36	19.5	0
10	64QAM	25	25	18.44	18.24	18.33		
10	64QAM	50	0	18.23	18.43	18.43		
10	256QAM	1	0	18.12	18.07	17.83		
10	256QAM	1	25	17.80	17.99	18.08	19	0.5
10	256QAM	1	49	17.98	18.09	17.69		
10	256QAM	25	0	17.89	18.05	18.04		
10	256QAM	25	12	18.01	18.27	17.84	19	0.5
10	256QAM	25	25	18.22	18.08	17.88		
10	256QAM	50	0	17.76	17.96	17.80		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.43	18.66	18.35	19.5	0
5	QPSK	1	12	18.44	18.56	18.40		
5	QPSK	1	24	18.39	18.55	18.38		
5	QPSK	12	0	18.26	18.53	18.51		
5	QPSK	12	7	18.44	18.38	18.56	19.5	0
5	QPSK	12	13	18.33	18.16	18.31		
5	QPSK	25	0	18.29	18.54	18.36		
5	16QAM	1	0	18.41	18.21	18.27		
5	16QAM	1	12	18.49	18.32	18.33	19.5	0
5	16QAM	1	24	18.54	18.25	18.27		
5	16QAM	12	0	18.32	18.53	18.26		
5	16QAM	12	7	18.17	18.19	18.41	19.5	0
5	16QAM	12	13	18.31	18.38	18.47		
5	16QAM	25	0	18.34	18.46	18.19		
5	64QAM	1	0	18.37	18.45	18.30		
5	64QAM	1	12	18.31	18.33	18.39	19.5	0
5	64QAM	1	24	18.34	18.44	18.23		
5	64QAM	12	0	18.27	18.46	18.45		
5	64QAM	12	7	18.32	18.22	18.44	19.5	0
5	64QAM	12	13	18.49	18.23	18.44		
5	64QAM	25	0	18.31	18.38	18.38		
5	256QAM	1	0	18.16	18.13	17.75		
5	256QAM	1	12	17.85	18.09	18.06	19	0.5
5	256QAM	1	24	17.92	18.00	17.76		
5	256QAM	12	0	17.93	18.11	18.06		
5	256QAM	12	7	17.93	18.21	17.91	19	0.5
5	256QAM	12	13	18.16	18.10	17.90		
5	256QAM	25	0	17.75	18.05	17.72		
Channel				26040	26340	26690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.48	18.67	18.46	19.5	0
3	QPSK	1	8	18.46	18.52	18.30		
3	QPSK	1	14	18.40	18.49	18.36		
3	QPSK	8	0	18.33	18.38	18.55		
3	QPSK	8	4	18.45	18.50	18.52	19.5	0
3	QPSK	8	7	18.19	18.17	18.32		
3	QPSK	15	0	18.39	18.45	18.37		
3	16QAM	1	0	18.49	18.34	18.36		
3	16QAM	1	8	18.38	18.36	18.42	19.5	0
3	16QAM	1	14	18.54	18.29	18.25		
3	16QAM	8	0	18.15	18.58	18.33		
3	16QAM	8	4	18.27	18.22	18.42	19.5	0
3	16QAM	8	7	18.25	18.30	18.44		
3	16QAM	15	0	18.30	18.33	18.35		
3	64QAM	1	0	18.54	18.36	18.35		
3	64QAM	1	8	18.34	18.27	18.27	19.5	0
3	64QAM	1	14	18.36	18.32	18.32		
3	64QAM	8	0	18.25	18.30	18.52		
3	64QAM	8	4	18.29	18.22	18.31	19.5	0
3	64QAM	8	7	18.41	18.29	18.29		
3	64QAM	15	0	18.38	18.49	18.39		
3	256QAM	1	0	18.15	18.02	17.76		
3	256QAM	1	8	17.87	18.07	18.02	19	0.5
3	256QAM	1	14	18.11	17.88	17.88		
3	256QAM	8	0	17.96	18.04	18.06		
3	256QAM	8	4	17.89	18.20	17.90	19	0.5
3	256QAM	8	7	18.19	18.08	17.85		
3	256QAM	15	0	17.74	18.04	17.70		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.44	18.59	18.29	19.5	0
1.4	QPSK	1	3	18.46	18.64	18.42		
1.4	QPSK	1	5	18.22	18.45	18.23		
1.4	QPSK	3	0	18.27	18.47	18.56		
1.4	QPSK	3	1	18.48	18.49	18.57		
1.4	QPSK	3	3	18.20	18.18	18.30		
1.4	QPSK	6	0	18.30	18.46	18.45	19.5	0
1.4	16QAM	1	0	18.40	18.23	18.30	19.5	0
1.4	16QAM	1	3	18.34	18.30	18.46		
1.4	16QAM	1	5	18.53	18.29	18.25		
1.4	16QAM	3	0	18.30	18.46	18.41		
1.4	16QAM	3	1	18.22	18.26	18.27		
1.4	16QAM	3	3	18.42	18.31	18.46		
1.4	16QAM	6	0	18.32	18.33	18.32	19.5	0
1.4	64QAM	1	0	18.45	18.26	18.38	19.5	0
1.4	64QAM	1	3	18.35	18.25	18.25		
1.4	64QAM	1	5	18.42	18.33	18.29		
1.4	64QAM	3	0	18.23	18.42	18.55		
1.4	64QAM	3	1	18.28	18.34	18.25		
1.4	64QAM	3	3	18.41	18.31	18.27		
1.4	64QAM	6	0	18.25	18.38	18.45	19.5	0
1.4	256QAM	1	0	18.03	18.10	17.99	19	0.5
1.4	256QAM	1	3	17.74	18.04	18.05		
1.4	256QAM	1	5	17.89	17.95	17.89		
1.4	256QAM	3	0	18.25	18.14	18.17		
1.4	256QAM	3	1	17.82	18.17	18.04		
1.4	256QAM	3	3	18.02	18.21	17.87		
1.4	256QAM	6	0	17.95	17.97	17.73	19	0.5

Band 66 Ant 4 DSI3 sig path:70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132140	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.47	20.49	20.34	20.5	0
20	QPSK	1	49	20.39	20.30	20.30		
20	QPSK	1	99	20.41	20.41	20.32		
20	QPSK	50	0	20.32	20.45	20.21		
20	QPSK	50	24	20.32	20.36	20.23	20.5	0
20	QPSK	50	50	20.20	20.27	20.44		
20	QPSK	100	0	20.31	20.39	20.31		
20	16QAM	1	0	20.35	20.31	20.25		
20	16QAM	1	49	20.41	20.43	20.25	20.5	0
20

Reduced Power Mode for Other PA DSI3 ENDC

Band 2 Ant 0 DSI3 sig path:44

BW [MHz]	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	12.58	12.62	12.42		
20	QPSK	1	49	12.29	12.45	12.52	13.5	0
20	QPSK	1	99	12.33	12.39	12.51		
20	QPSK	50	0	12.45	12.56	12.32		
20	QPSK	50	24	12.42	12.51	12.47	13.5	0
20	QPSK	50	50	12.41	12.50	12.42		
20	QPSK	100	0	12.50	12.52	12.37		
20	16QAM	1	0	12.54	12.52	12.49		
20	16QAM	1	49	12.43	12.45	12.52	13.5	0
20	16QAM	1	99	12.42	12.45	12.44		
20	16QAM	50	0	12.42	12.44	12.43		
20	16QAM	50	24	12.50	12.54	12.36	13.5	0
20	16QAM	50	50	12.45	12.32	12.47		
20	16QAM	100	0	12.56	12.47	12.35		
20	64QAM	1	0	12.37	12.41	12.50		
20	64QAM	1	49	12.52	12.51	12.47	13.5	0
20	64QAM	1	99	12.42	12.41	12.41		
20	64QAM	50	0	12.47	12.48	12.47		
20	64QAM	50	24	12.39	12.40	12.43	13.5	0
20	64QAM	50	50	12.56	12.42	12.47		
20	64QAM	100	0	12.45	12.46	12.46		
20	256QAM	1	0	12.46	12.33	12.39		
20	256QAM	1	49	12.43	12.48	12.53	13.5	0
20	256QAM	1	99	12.48	12.39	12.57		
20	256QAM	50	0	12.31	12.52	12.56		
20	256QAM	50	24	12.39	12.42	12.45	13.5	0
20	256QAM	50	50	12.31	12.45	12.55		
20	256QAM	100	0	12.46	12.49	12.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	12.43	12.40	12.36		
15	QPSK	1	37	12.27	12.48	12.39	13.5	0
15	QPSK	1	74	12.34	12.28	12.24		
15	QPSK	36	0	12.29	12.40	12.21		
15	QPSK	36	20	12.24	12.45	12.34	13.5	0
15	QPSK	36	39	12.49	12.44	12.33		
15	QPSK	75	0	12.20	12.31	12.35		
15	16QAM	1	0	12.32	12.37	12.43		
15	16QAM	1	37	12.44	12.18	12.17	13.5	0
15	16QAM	1	74	12.38	12.42	12.29		
15	16QAM	36	0	12.39	12.39	12.33		
15	16QAM	36	20	12.45	12.43	12.43	13.5	0
15	16QAM	36	39	12.45	12.37	12.33		
15	16QAM	75	0	12.38	12.38	12.42		
15	64QAM	1	0	12.24	12.32	12.40		
15	64QAM	1	37	12.45	12.36	12.25	13.5	0
15	64QAM	1	74	12.26	12.31	12.27		
15	64QAM	36	0	12.25	12.43	12.48		
15	64QAM	36	20	12.21	12.19	12.34	13.5	0
15	64QAM	36	39	12.33	12.34	12.30		
15	64QAM	75	0	12.44	12.34	12.27		
15	256QAM	1	0	12.40	12.44	12.33		
15	256QAM	1	37	12.30	12.47	12.47	13.5	0
15	256QAM	1	74	12.48	12.24	12.50		
15	256QAM	36	0	12.19	12.51	12.43		
15	256QAM	36	20	12.48	12.28	12.37	13.5	0
15	256QAM	36	39	12.16	12.35	12.49		
15	256QAM	75	0	12.42	12.37	12.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	12.40	12.51	12.32		
10	QPSK	1	25	12.15	12.37	12.36	13.5	0
10	QPSK	1	49	12.27	12.42	12.48		
10	QPSK	25	0	12.19	12.43	12.26		
10	QPSK	25	12	12.25	12.39	12.26	13.5	0
10	QPSK	25	25	12.30	12.41	12.29		
10	QPSK	50	0	12.37	12.44	12.21		
10	16QAM	1	0	12.41	12.48	12.48		
10	16QAM	1	25	12.39	12.37	12.52	13.5	0
10	16QAM	1	49	12.23	12.42	12.30		
10	16QAM	25	0	12.34	12.28	12.38		
10	16QAM	25	12	12.42	12.35	12.32	13.5	0
10	16QAM	25	25	12.35	12.23	12.36		
10	16QAM	50	0	12.41	12.33	12.37		
10	16QAM	50	25	12.35	12.37	12.34		
10	64QAM	1	0	12.37	12.41	12.37	13.5	0
10	64QAM	1	49	12.15	12.28	12.28		
10	64QAM	25	0	12.34	12.37	12.23		
10	64QAM	25	12	12.26	12.40	12.34	13.5	0
10	64QAM	25	25	12.52	12.17	12.51		
10	64QAM	50	0	12.27	12.42	12.33		
10	256QAM	1	0	12.30	12.41	12.26		
10	256QAM	1	25	12.36	12.28	12.40	13.5	0
10	256QAM	1	49	12.44	12.38	12.53		
10	256QAM	25	0	12.20	12.39	12.41		
10	256QAM	25	12	12.43	12.37	12.50	13.5	0
10	256QAM	25	25	12.25	12.32	12.46		
10	256QAM	50	0	12.42	12.53	12.47		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	12.46	12.46	12.27		
5	QPSK	1	12	12.15	12.42	12.31	13.5	0
5	QPSK	1	24	12.26	12.34	12.43		
5	QPSK	12	0	12.29	12.47	12.29		
5	QPSK	12	7	12.32	12.42	12.29	13.5	0
5	QPSK	12	13	12.43	12.37	12.22		
5	QPSK	25	0	12.40	12.37	12.19		
5	16QAM	1	0	12.50	12.35	12.32		
5	16QAM	1	12	12.49	12.36	12.51	13.5	0
5	16QAM	1	24	12.36	12.36	12.34		
5	16QAM	12	0	12.42	12.42	12.38		
5	16QAM	12	7	12.36	12.33	12.41	13.5	0
5	16QAM	12	13	12.25	12.30	12.30		
5	16QAM	25	0	12.52	12.41	12.42		
5	64QAM	1	0	12.28	12.20	12.39		
5	64QAM	1	12	12.31	12.32	12.28	13.5	0
5	64QAM	1	24	12.28	12.46	12.34		
5	64QAM	12	0	12.37	12.57	12.23		
5	64QAM	12	7	12.20	12.37	12.39	13.5	0
5	64QAM	12	13	12.45	12.35	12.35		
5	64QAM	25	0	12.27	12.44	12.40		
5	256QAM	1	0	12.41	12.27	12.30		
5	256QAM	1	12	12.42	12.31	12.45	13.5	0
5	256QAM	1	24	12.31	12.38	12.49		
5	256QAM	12	0	12.30	12.43	12.42		
5	256QAM	12	7	12.28	12.30	12.44	13.5	0
5	256QAM	12	13	12.32	12.25	12.49		
5	256QAM	25	0	12.36	12.43	12.43		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	12.50	12.49	12.45		
3	QPSK	1	8	12.15	12.29	12.30	13.5	0
3	QPSK	1	14	12.28	12.35	12.41		
3	QPSK	8	0	12.26	12.41	12.26		
3	QPSK	8	4	12.20	12.31	12.29	13.5	0
3	QPSK	8	7	12.41	12.23	12.32		
3	QPSK	15	0	12.26	12.44	12.28		
3	16QAM	1	0	12.47	12.35	12.29	13.5	0
3	16QAM	1	8	12.27	12.33	12.58		
3	16QAM	1	14	12.18	12.42	12.33		
3	16QAM	8	0	12.36	12.38	12.39		
3	16QAM	8	4	12.32	12.40	12.33	13.5	0
3	16QAM	8	7	12.41	12.32	12.33		
3	16QAM	15	0	12.37	12.31	12.31		
3	64QAM	1	0	12.30	12.34	12.48		
3	64QAM	1	8	12.30	12.38	12.42	13.5	0
3	64QAM	1	14	12.17	12.29	12.36		
3	64QAM	8	0	12.38	12.39	12.38		
3	64QAM	8	4	12.11	12.38	12.23	13.5	0
3	64QAM	8	7	12.50	12.38	12.35		
3	64QAM	15	0	12.31	12.28	12.34		
3	256QAM	1	0	12.31	12.28	12.30		
3	256QAM	1	8	12.32	12.33	12.37	13.5	0
3	256QAM	1	14	12.39	12.30	12.42		
3	256QAM	8	0	12.33	12.39	12.41		
3	256QAM	8	4	12.27	12.30	12.54	13.5	0
3	256QAM	8	7	12.20	12.30	12.50		
3	256QAM	15	0	12.37	12.51	12.48		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	12.45	12.45	12.29		
1.4	QPSK	1	3	12.10	12.37	12.40		
1.4	QPSK	1	5	12.43	12.31	12.32	13.5	0
1.4	QPSK	3	0	12.39	12.36	12.21		
1.4	QPSK	3	1	12.24	12.41	12.21		
1.4	QPSK	3	3	12.32	12.37	12.34		
1.4	QPSK	6	0	12.25	12.37	12.30	13.5	0
1.4	16QAM	1	0	12.53	12.29	12.33		
1.4	16QAM	1	3	12.40	12.25	12.40		
1.4	16QAM	1	5	12.34	12.35	12.38	13.5	0
1.4	16QAM	3	0	12.39	12.36	12.39		
1.4	16QAM	3	1	12.41	12.46	12.43		
1.4	16QAM	3	3	12.29	12.17	12.44		
1.4	16QAM	6	0	12.39	12.42	12.24	13.5	0
1.4	64QAM	1	0	12.28	12.42	12.39		
1.4	64QAM	1	3	12.28	12.44	12.32		
1.4	64QAM	1	5	12.21	12.38	12.25	13.5	0
1.4	64QAM	3	0	12.39	12.44	12.39		
1.4	64QAM	3	1	12.24	12.26	12.19		
1.4	64QAM	3	3	12.47	12.23	12.28		
1.4	64QAM	6	0	12.37	12.39	12.32	13.5	0
1.4	256QAM	1	0	12.32	12.41	12.37		
1.4	256QAM	1	3	12.47	12.45	12.35		
1.4	256QAM	1	5	12.32	12.29	12.50	13.5	0
1.4	256QAM	3	0	12.12	12.40	12.41		
1.4	256QAM	3	1	12.33	12.37	12.33		
1.4	256QAM	3	3	12.28	12.44	12.47	13.5	0

Band 2 Ant 0 DSI3 sig path:456

BW [MHz]	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	12.52	12.61	12.60		
20	QPSK	1	49	12.48	12.51	12.48	13.5	0
20	QPSK	1	99	12.29	12.35	12.37		
20	QPSK	50	0	12.49	12.53	12.41		
20	QPSK	50	24	12.30	12.47	12.45	13.5	0
20	QPSK	50	50	12.44	12.51	12.31		
20	QPSK	100	0	12.41	12.45	12.41		
20	16QAM	1	0	12.38	12.57	12.44		
20	16QAM	1	49	12.50	12.54	12.51	13.5	0
20	16QAM	1	99	12.44	12.42	12.45		
20	16QAM	50	0	12.42	12.38	12.52		
20	16QAM	50	24	12.42	12.40	12.53	13.5	0
20	16QAM	50	50	12.45	12.41	12.40		
20	16QAM	100	0	12.39	12.47	12.41		
20	64QAM	1	0	12.54	12.53	12.32		
20	64QAM	1	49	12.43	12.54	12.36	13.5	0
20	64QAM	1	99	12.36	12.50	12.52		
20	64QAM	50	0	12.47	12.47	12.47		
20	64QAM	50	24	12.36	12.33	12.47	13.5	0
20	64QAM	50	50	12.36	12.44	12.47		
20	64QAM	100	0	12.44	12.32	12.46		
20	256QAM	1	0	12.38	12.40	12.34		
20	256QAM	1	49	12.38	12.40	12.52	13.5	0
20	256QAM	1	99	12.45	12.48	12.34		
20	256QAM	50	0	12.53	12.52	12.46		
20	256QAM	50	24	12.47	12.47	12.50	13.5	0
20	256QAM	50	50	12.41	12.38	12.32		
20	256QAM	100	0	12.33	12.48	12.54		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	12.40	12.60	12.38		
15	QPSK	1	37	12.25	12.35	12.47	13.5	0
15	QPSK	1	74	12.13	12.18	12.18		
15	QPSK	36	0	12.38	12.41	12.30		
15	QPSK	36	20	12.17	12.27	12.37	13.5	0
15	QPSK	36	39	12.32	12.45	12.29		
15	QPSK	75	0	12.37	12.45	12.15		
15	16QAM	1	0	12.28	12.40	12.39		
15	16QAM	1	37	12.44	12.18	12.48	13.5	0
15	16QAM	1	74	12.28	12.35	12.43		
15	16QAM	36	0	12.31	12.29	12.35		
15	16QAM	36	20	12.35	12.32	12.48	13.5	0
15	16QAM	36	39	12.49	12.36	12.22		
15	16QAM	75	0	12.38	12.27	12.25		
15	64QAM	1	0	12.45	12.34	12.25		
15	64QAM	1	37	12.38	12.33	12.29	13.5	0
15	64QAM	1	74	12.26	12.38	12.43		
15	64QAM	36	0	12.41	12.32	12.38		
15	64QAM	36	20	12.24	12.28	12.31	13.5	0
15	64QAM	36	39	12.17	12.34	12.28		
15	64QAM	75	0	12.41	12.17	12.40		
15	256QAM	1	0	12.24	12.43	12.35		
15	256QAM	1	37	12.32	12.42	12.55	13.5	0
15	256QAM	1	74	12.41	12.43	12.36		
15	256QAM	36	0	12.38	12.47	12.38		
15	256QAM	36	20	12.29	12.34	12.45	13.5	0
15	256QAM	36	39	12.25	12.39	12.29		
15	256QAM	75	0	12.38	12.41	12.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	12.47	12.50	12.45		
10	QPSK	1	25	12.36	12.34	12.34	13.5	0
10	QPSK	1	49	12.21	12.33	12.13		
10	QPSK	25	0	12.50	12.41	12.32		
10	QPSK	25	12	12.12	12.24	12.56	13.5	0
10	QPSK	25	25	12.29	12.45	12.19		
10	QPSK	50	0	12.38	12.36	12.23		
10	16QAM	1	0	12.18	12.41	12.51		
10	16QAM	1	25	12.47	12.22	12.41	13.5	0
10	16QAM	1	49	12.39	12.24	12.47		
10	16QAM	25	0	12.25	12.39	12.34		
10	16QAM	25	12	12.29	12.37	12.37	13.5	0
10	16QAM	25	25	12.28	12.28	12.33		
10	16QAM	50	0	12.28	12.38	12.33		
10	64QAM	1	0	12.25	12.47	12.22		
10	64QAM	1	25	12.32	12.48	12.39	13.5	0
10	64QAM	1	49	12.39	12.47	12.45		
10	64QAM	25	0	12.44	12.24	12.23		
10	64QAM	25	12	12.20	12.26	12.29	13.5	0
10	64QAM	25	25	12.34	12.32	12.36		
10	64QAM	50	0	12.42	12.16	12.47		
10	256QAM	1	0	12.32	12.24	12.29		
10	256QAM	1	25	12.29	12.25	12.45	13.5	0
10	256QAM	1	49	12.49	12.20	12.47		
10	256QAM	25	0	12.32	12.44	12.36		
10	256QAM	25	12	12.52	12.32	12.47	13.5	0
10	256QAM	25	25	12.31	12.43	12.13		
10	256QAM	50	0	12.30	12.34	12.47		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	12.42	12.50	12.43		
5	QPSK	1	12	12.41	12.34	12.23	13.5	0
5	QPSK	1	24	12.24	12.32	12.25		
5	QPSK	12	0	12.49	12.46	12.31		
5	QPSK	12	7	12.27	12.38	12.35	13.5	0
5	QPSK	12	13	12.38	12.49	12.25		
5	QPSK	25	0	12.18	12.18	12.19		
5	16QAM	1	0	12.21	12.42	12.30		
5	16QAM	1	12	12.46	12.27	12.36	13.5	0
5	16QAM	1	24	12.36	12.28	12.48		
5	16QAM	12	0	12.31	12.50	12.41		
5	16QAM	12	7	12.38	12.38	12.49	13.5	0
5	16QAM	12	13	12.46	12.17	12.25		
5	16QAM	25	0	12.28	12.33	12.20		
5	64QAM	1	0	12.41	12.32	12.20		
5	64QAM	1	12	12.28	12.32	12.26	13.5	0
5	64QAM	1	24	12.28	12.30	12.39		
5	64QAM	12	0	12.31	12.36	12.37		
5	64QAM	12	7	12.32	12.37	12.40	13.5	0
5	64QAM	12	13	12.28	12.43	12.43		
5	64QAM	25	0	12.33	12.26	12.27		
5	256QAM	1	0	12.32	12.36	12.30		
5	256QAM	1	12	12.24	12.37	12.49	13.5	0
5	256QAM	1	24	12.30	12.30	12.27		
5	256QAM	12	0	12.34	12.52	12.35		
5	256QAM	12	7	12.38	12.38	12.40	13.5	0
5	256QAM	12	13	12.34	12.36	12.32		
5	256QAM	25	0	12.27	12.37	12.38		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	12.44	12.41	12.32		
3	QPSK	1	8	12.42	12.48	12.28	13.5	0
3	QPSK	1	14	12.25	12.37	12.28		
3	QPSK	8	0	12.33	12.49	12.31		
3	QPSK	8	4	12.13	12.37	12.41	13.5	0
3	QPSK	8	7	12.29	12.37	12.16		
3	QPSK	15	0	12.23	12.32	12.28		
3	16QAM	1	0	12.36	12.41	12.23		
3	16QAM	1	8	12.33	12.18	12.56	13.5	0
3	16QAM	1	14	12.26	12.24	12.41		
3	16QAM	8	0	12.29	12.48	12.37		
3	16QAM	8	4	12.33	12.26	12.55	13.5	0
3	16QAM	8	7	12.40	12.15	12.15		
3	16QAM	15	0	12.39	12.46	12.32		
3	64QAM	1	0	12.34	12.32	12.14		
3	64QAM	1	8	12.23	12.50	12.32	13.5	0
3	64QAM	1	14	12.39	12.20	12.48		
3	64QAM	8	0	12.46	12.41	12.32		
3	64QAM	8	4	12.30	12.32	12.47	13.5	0
3	64QAM	8	7	12.25	12.34	12.37		
3	64QAM	15	0	12.51	12.22	12.35		
3	256QAM	1	0	12.38	12.39	12.29		
3	256QAM	1	8	12.27	12.32	12.48	13.5	0
3	256QAM	1	14	12.45	12.32	12.19		
3	256QAM	8	0	12.32	12.53	12.37		
3	256QAM	8	4	12.46	12.32	12.46	13.5	0
3	256QAM	8	7	12.27	12.22	12.22		
3	256QAM	15	0	12.18	12.36	12.46		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	12.40	12.44	12.49		
1.4	QPSK	1	3	12.34	12.32	12.33		
1.4	QPSK	1	5	12.18	12.20	12.13	13.5	0
1.4	QPSK	3	0	12.32	12.42	12.33		
1.4	QPSK	3	1	12.26	12.29	12.30		
1.4	QPSK	3	3	12.48	12.42	12.22		
1.4	QPSK	6	0	12.34	12.41	12.38	13.5	0
1.4	16QAM	1	0	12.16	12.40	12.31		
1.4	16QAM	1	3	12.34	12.38	12.49		
1.4	16QAM	1	5	12.31	12.31	12.44	13.5	0
1.4	16QAM	3	0	12.37	12.47	12.40		
1.4	16QAM	3	1	12.33	12.30	12.40		
1.4	16QAM	3	3	12.31	12.16	12.25		
1.4	16QAM	6	0	12.38	12.43	12.22	13.5	0
1.4	64QAM	1	0	12.39	12.32	12.29		
1.4	64QAM	1	3	12.39	12.42	12.27		
1.4	64QAM	1	5	12.35	12.35	12.42	13.5	0
1.4	64QAM	3	0	12.33	12.39	12.30		
1.4	64QAM	3	1	12.33	12.19	12.41		
1.4	64QAM	3	3	12.23	12.34	12.36		
1.4	64QAM	6	0	12.36	12.31	12.44	13.5	0
1.4	256QAM	1	0	12.17	12.27	12.19		
1.4	256QAM	1	3	12.31	12.36	12.44		
1.4	256QAM	1	5	12.36	12.18	12.32	13.5	0
1.4	256QAM	3	0	12.36	12.41	12.28		
1.4	256QAM	3	1	12.49	12.39	12.37		
1.4	256QAM	3	3	12.25	12.35	12.14		
1.4	256QAM	6	0	12.30	12.31	12.28	13.5	0

Band 4 Ant 0 DSI3 sig path:69

BW [MHz]	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	14.60	14.67	14.46		
20	QPSK	1	49	14.55	14.58	14.49	15.5	0
20	QPSK	1	99	14.47	14.46	14.37		
20	QPSK	50	0	14.52	14.63	14.60		
20	QPSK	50	24	14.37	14.50	14.42	15.5	0
20	QPSK	50	50	14.44	14.37	14.43		
20	QPSK	100	0	14.33	14.59	14.43		
20	16QAM	1	0	14.42	14.54	14.32		
20	16QAM	1	49	14.42	14.47	14.43	15.5	0
20	16QAM	1	99

Band 25 Ant 0 DSI3 sig path:45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.62	15.69	15.57	16.5	0
20	QPSK	1	49	15.46	15.66	15.57		
20	QPSK	1	99	15.46	15.66	15.54		
20	QPSK	50	0	15.59	15.67	15.64	16.5	0
20	QPSK	50	24	15.50	15.67	15.62		
20	QPSK	50	50	15.50	15.51	15.59		
20	QPSK	100	0	15.48	15.58	15.51		
20	16QAM	1	0	15.54	15.52	15.44	16.5	0
20	16QAM	1	49	15.60	15.64	15.64		
20	16QAM	1	99	15.66	15.51	15.56		
20	16QAM	50	0	15.53	15.69	15.47	16.5	0
20	16QAM	50	24	15.55	15.57	15.45		
20	16QAM	50	50	15.49	15.49	15.61		
20	16QAM	100	0	15.57	15.63	15.55		
20	64QAM	1	0	15.52	15.53	15.53	16.5	0
20	64QAM	1	49	15.54	15.50	15.49		
20	64QAM	1	99	15.61	15.65	15.47		
20	64QAM	50	0	15.51	15.57	15.47	16.5	0
20	64QAM	50	24	15.51	15.54	15.58		
20	64QAM	50	50	15.68	15.49	15.55		
20	64QAM	100	0	15.43	15.56	15.53		
20	256QAM	1	0	15.48	15.54	15.54	16.5	0
20	256QAM	1	49	15.46	15.47	15.47		
20	256QAM	1	99	15.47	15.56	15.52		
20	256QAM	50	0	15.55	15.63	15.49	16.5	0
20	256QAM	50	24	15.42	15.60	15.52		
20	256QAM	50	50	15.62	15.65	15.63		
20	256QAM	100	0	15.64	15.49	15.66		
Channel				26113	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1897.5		
15	QPSK	1	0	15.51	15.58	15.49	16.5	0
15	QPSK	1	37	15.36	15.53	15.57		
15	QPSK	1	74	15.30	15.59	15.40		
15	QPSK	36	0	15.53	15.47	15.49	16.5	0
15	QPSK	36	20	15.36	15.43	15.54		
15	QPSK	36	39	15.47	15.44	15.52		
15	QPSK	75	0	15.38	15.51	15.33		
15	16QAM	1	0	15.44	15.35	15.37	16.5	0
15	16QAM	1	37	15.48	15.41	15.47		
15	16QAM	1	74	15.48	15.40	15.51		
15	16QAM	36	0	15.38	15.64	15.33	16.5	0
15	16QAM	36	20	15.47	15.53	15.37		
15	16QAM	36	39	15.33	15.43	15.44		
15	16QAM	75	0	15.39	15.45	15.46		
15	64QAM	1	0	15.47	15.44	15.38	16.5	0
15	64QAM	1	37	15.43	15.43	15.32		
15	64QAM	1	74	15.48	15.48	15.28		
15	64QAM	36	0	15.35	15.51	15.38	16.5	0
15	64QAM	36	20	15.39	15.37	15.56		
15	64QAM	36	39	15.50	15.31	15.43		
15	64QAM	75	0	15.27	15.49	15.40		
15	256QAM	1	0	15.39	15.46	15.35	16.5	0
15	256QAM	1	37	15.28	15.29	15.40		
15	256QAM	1	74	15.44	15.50	15.47		
15	256QAM	36	0	15.62	15.41	15.49	16.5	0
15	256QAM	36	20	15.32	15.60	15.47		
15	256QAM	36	39	15.44	15.53	15.59		
15	256QAM	75	0	15.60	15.48	15.65		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.48	15.64	15.40	16.5	0
10	QPSK	1	25	15.44	15.50	15.53		
10	QPSK	1	49	15.28	15.60	15.38		
10	QPSK	25	0	15.40	15.50	15.58	16.5	0
10	QPSK	25	12	15.31	15.46	15.42		
10	QPSK	25	25	15.31	15.37	15.46		
10	QPSK	50	0	15.35	15.58	15.50	16.5	0
10	16QAM	1	0	15.47	15.47	15.33		
10	16QAM	1	25	15.57	15.27	15.55		
10	16QAM	1	49	15.65	15.48	15.44		
10	16QAM	25	0	15.52	15.56	15.28	16.5	0
10	16QAM	25	12	15.44	15.38	15.38		
10	16QAM	25	25	15.48	15.37	15.54		
10	16QAM	50	0	15.45	15.58	15.44		
10	64QAM	1	0	15.46	15.46	15.36	16.5	0
10	64QAM	1	25	15.40	15.36	15.43		
10	64QAM	1	49	15.47	15.61	15.28		
10	64QAM	25	0	15.27	15.57	15.38	16.5	0
10	64QAM	25	12	15.40	15.51	15.43		
10	64QAM	25	25	15.68	15.42	15.35		
10	64QAM	50	0	15.43	15.50	15.45		
10	256QAM	1	0	15.42	15.58	15.48	16.5	0
10	256QAM	1	25	15.39	15.41	15.33		
10	256QAM	1	49	15.32	15.49	15.51		
10	256QAM	25	0	15.40	15.43	15.35	16.5	0
10	256QAM	25	12	15.39	15.51	15.37		
10	256QAM	25	25	15.51	15.54	15.45		
10	256QAM	50	0	15.54	15.48	15.48	16.5	0
Channel				26095	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.50	15.54	15.45	16.5	0
5	QPSK	1	12	15.43	15.58	15.56		
5	QPSK	1	24	15.51	15.55	15.38		
5	QPSK	12	0	15.58	15.48	15.62	16.5	0
5	QPSK	12	7	15.43	15.51	15.48		
5	QPSK	12	13	15.32	15.42	15.58		
5	QPSK	25	0	15.49	15.49	15.36		
5	16QAM	1	0	15.49	15.41	15.40	16.5	0
5	16QAM	1	12	15.51	15.40	15.59		
5	16QAM	1	24	15.59	15.43	15.51		
5	16QAM	12	0	15.48	15.67	15.46	16.5	0
5	16QAM	12	7	15.42	15.46	15.41		
5	16QAM	12	13	15.34	15.44	15.56		
5	16QAM	25	0	15.54	15.57	15.37		
5	64QAM	1	0	15.40	15.52	15.52	16.5	0
5	64QAM	1	12	15.40	15.44	15.43		
5	64QAM	1	24	15.51	15.54	15.41		
5	64QAM	12	0	15.40	15.51	15.37	16.5	0
5	64QAM	12	7	15.34	15.48	15.55		
5	64QAM	12	13	15.67	15.39	15.47		
5	64QAM	25	0	15.34	15.52	15.38		
5	256QAM	1	0	15.30	15.59	15.43	16.5	0
5	256QAM	1	12	15.39	15.32	15.44		
5	256QAM	1	24	15.40	15.39	15.40		
5	256QAM	12	0	15.46	15.51	15.48	16.5	0
5	256QAM	12	7	15.35	15.45	15.52		
5	256QAM	12	13	15.59	15.50	15.43		
5	256QAM	25	0	15.54	15.39	15.49		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.47	15.49	15.52	16.5	0
3	QPSK	1	8	15.43	15.50	15.50		
3	QPSK	1	14	15.30	15.51	15.36		
3	QPSK	8	0	15.52	15.53	15.52	16.5	0
3	QPSK	8	4	15.32	15.42	15.44		
3	QPSK	8	7	15.30	15.57	15.57		
3	QPSK	15	0	15.36	15.53	15.36		
3	16QAM	1	0	15.44	15.39	15.44	16.5	0
3	16QAM	1	8	15.42	15.44	15.60		
3	16QAM	1	14	15.60	15.42	15.49		
3	16QAM	8	0	15.38	15.49	15.46	16.5	0
3	16QAM	8	4	15.54	15.53	15.41		
3	16QAM	8	7	15.40	15.39	15.45		
3	16QAM	15	0	15.55	15.59	15.55		
3	64QAM	1	0	15.37	15.37	15.43	16.5	0
3	64QAM	1	8	15.54	15.38	15.39		
3	64QAM	1	14	15.58	15.64	15.40		
3	64QAM	8	0	15.33	15.42	15.45	16.5	0
3	64QAM	8	4	15.48	15.42	15.49		
3	64QAM	8	7	15.61	15.34	15.40		
3	64QAM	15	0	15.29	15.40	15.34	16.5	0
3	256QAM	1	0	15.43	15.54	15.47		
3	256QAM	1	8	15.35	15.32	15.30		
3	256QAM	1	14	15.31	15.48	15.51		
3	256QAM	8	0	15.37	15.52	15.45	16.5	0
3	256QAM	8	4	15.29	15.55	15.47		
3	256QAM	8	7	15.51	15.53	15.46		
3	256QAM	15	0	15.54	15.29	15.58		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.42	15.55	15.43	16.5	0
1.4	QPSK	1	3	15.43	15.64	15.56		
1.4	QPSK	1	5	15.39	15.57	15.53		
1.4	QPSK	3	0	15.49	15.55	15.45		
1.4	QPSK	3	1	15.33	15.52	15.58		
1.4	QPSK	3	3	15.37	15.50	15.52		
1.4	QPSK	6	0	15.28	15.39	15.33	16.5	0
1.4	16QAM	1	0	15.39	15.39	15.35	16.5	0
1.4	16QAM	1	3	15.44	15.30	15.44		
1.4	16QAM	1	5	15.63	15.35	15.54		
1.4	16QAM	3	0	15.49	15.62	15.38		
1.4	16QAM	3	1	15.44	15.38	15.43		
1.4	16QAM	3	3	15.42	15.41	15.47		
1.4	16QAM	6	0	15.53	15.53	15.36	16.5	0
1.4	64QAM	1	0	15.49	15.48	15.33	16.5	0
1.4	64QAM	1	3	15.40	15.47	15.45		
1.4	64QAM	1	5	15.60	15.64	15.29		
1.4	64QAM	3	0	15.23	15.54	15.30		
1.4	64QAM	3	1	15.34	15.52	15.54		
1.4	64QAM	3	3	15.63	15.38	15.53		
1.4	64QAM	6	0	15.35	15.46	15.45	16.5	0
1.4	256QAM	1	0	15.29	15.56	15.44	16.5	0
1.4	256QAM	1	3	15.35	15.32	15.41		
1.4	256QAM	1	5	15.30	15.48	15.51		
1.4	256QAM	3	0	15.43	15.47	15.33		
1.4	256QAM	3	1	15.29	15.45	15.48		
1.4	256QAM	3	3	15.54	15.52	15.54		
1.4	256QAM	6	0	15.59	15.34	15.58	16.5	0

Band 25 Ant 0 DSI3 sig path:457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.58	15.70	15.51	16.5	0
20	QPSK	1	49	15.60	15.64	15.55		
20	QPSK	1	99	15.55	15.51	15.52		
20	QPSK	50	0	15.54	15.66	15.42	16.5	0
20	QPSK	50	24	15.52	15.58	15.68		
20	QPSK	50	50	15.46	15.55	15.54		
20	QPSK	100	0	15.56	15.64	15.46		
20	16QAM	1	0	15.47	15.60	15.47	16.5	0
20	16QAM	1	49	15.58	15.59	15.59		
20	16QAM	1	99	15.56	15.57	15.45		
20	16QAM	50	0	15.58	15.57	15.63	16.5	0
20	16QAM	50	24	15.52	15.56	15.61		
20	16QAM	50	50	15.57	15.45	15.61		
20	16QAM	100	0	15.63	15.62	15.53		
20	64QAM	1	0	15.49	15.51	15.59	16.5	0
20	64QAM	1	49	15.48	15.60	15.52		
20	64QAM	1	99	15.47	15.70	15.62		
20	64QAM	50	0	15.48	15.65	15.65	16.5	0
20	64QAM	50	24	15.48	15.60	15.57		
20	64QAM	50	50	15.60	15.51	15.61		
20	64QAM	100	0	15.53	15.49	15.53		
20	256QAM	1	0	15.58	15.52	15.45	16.5	0
20	256QAM	1	49	15.52	15.47	15.52		
20	256QAM	1	99	15.55	15.49	15.60		
20	256QAM	50	0	15.60	15.57	15.48	16.5	0
20	256QAM	50	24	15.53	15.54	15.48		
20	256QAM	50	50	15.54	15.60	15.54		
20	256QAM	100	0	15.49	15.55	15.69		
Channel				26113	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1897.5		
15	QPSK	1	0	15.40	15.54	15.40	16.5	0
15	QPSK	1	37	15.49	15.58	15.49		
15	QPSK	1	74	15.44	15.39	15.46		
15	QPSK	36	0	15.41	15.47	15.41	16.5	0
15	QPSK	36	20	15.38	15.44	15.55		
15	QPSK	36	39	15.35	15.40	15.34		
15	QPSK	75	0	15.47	15.49	15.40	16.5	0
15	16QAM	1	0	15.29	15.45	15.38		
15	16QAM	1	37	15.28	15.51	15.47		
15	16QAM	1	74	15.55	15.46	15.41		
15	16QAM	36	0	15.55	15.48	15.53	16.5	0
15	16QAM	36	20	15.49	15.50	15.47		
15	16QAM	36	39	15.49	15.27	15.42		
15	16QAM	75	0	15.45	15.54	15.34		
15	64QAM	1	0	15.47	15.31	15.58	16.5	0
15	64QAM	1	37	15.30	15.54	15.45		
15	64QAM	1	74	15.31	15.61	15.43		
15	64QAM	36	0	15.43	15.55	15.61	16.5	0
15	64QAM	36	20	15.43	15.55	15.53		
15	64QAM	36	39	15.46	15.49	15.54		
15	64QAM	75	0	15.52	15.33	15.50		
15	256QAM	1	0	15.47	15.53	15.39	16.5	0
15	256QAM	1	37	15.44	15.39	15.39		
15	256QAM	1	74	15.38	15.31	15.56		
15	256QAM	36	0	15.60	15.44	15.41	16.5	0
15	256QAM	36	20	15.34	15.51	15.33		
15	256QAM	36	39	15.53	15.43	15.49		
15	256QAM	75	0	15.49	15.46	15.61		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.54	15.59	15.42	16.5	0
10	QPSK	1	25	15.51	15.56	15.37		
10	QPSK	1	49	15.37	15.38	15.44		
10	QPSK	25	0	15.40	15.53	15.52	16.5	0
10	QPSK	25	12	15.40	15.56	15.58		
10	QPSK	25	25	15.29	15.39	15.54		
10	QPSK	50	0	15.50	15.45	15.28	16.5	0
10	16QAM	1	0	15.43	15.42	15.41		
10	16QAM	1	25	15.42	15.30	15.54		
10	16QAM	1	49	15.38	15.50	15.44		
10	16QAM	25	0	15.45	15.41	15.48	16.5	0
10	16QAM	25	12	15.44	15.50	15.50		
10	16QAM	25	25	15.44	15.36	15.44		
10	16QAM	50	0	15.48	15.46	15.41		
10	64QAM	1	0	15.29	15.48	15.50	16.5	0
10	64QAM	1	25	15.43	15.51	15.43		
10	64QAM	1	49	15.45	15.51	15.58		
10	64QAM	25	0	15.35	15.49	15.45	16.5	0
10	64QAM	25	12	15.28	15.48	15.51		
10	64QAM	25	25	15.46	15.36	15.50		
10	64QAM	50	0	15.39	15.39	15.51		
10	256QAM	1	0	15.49	15.49	15.28	16.5	0
10	256QAM	1	25	15.45	15.44	15.37		
10	256QAM	1	49	15.38	15.42	15.55		
10	256QAM	25	0	15.51	15.50	15.47	16.5	0
10	256QAM	25	12	15.50	15.45	15.29		
10	256QAM	25	25	15.38	15.58	15.47		
10	256QAM	50	0	15.54	15.48	15.48	16.5	0
Channel				26095	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.51	15.60	15.37	16.5	0
5	QPSK	1	12	15.56	15.47	15.50		
5	QPSK	1	24	15.39	15.53	15.54		
5	QPSK	12	0	15.50	15.54	15.23	16.5	0
5	QPSK	12	7	15.46	15.58	15.58		
5	QPSK	12	13	15.31	15.40	15.50		
5	QPSK	25	0	15.49	15.56	15.45		
5	16QAM	1	0	15.40	15.48	15.36	16.5	0
5	16QAM	1	12	15.38	15.31	15.54		
5	16QAM	1	24	15.50	15.46	15.44		
5	16QAM	12	0	15.47	15.46	15.46	16.5	0
5	16QAM	12	7	15.38	15.45	15.46		
5	16QAM	12	13	15.48	15.27	15.51		
5	16QAM	25	0	15.59	15.53	15.50		
5	64QAM	1	0	15.38	15.56	15.56	16.5	0
5	64QAM	1	12	15.37	15.44	15.52		
5	64QAM	1	24	15.30	15.63	15.60		
5	64QAM	12	0	15.45	15.56	15.61	16.5	0
5	64QAM	12	7	15.37	15.57	15.50		
5	64QAM	12	13	15.41	15.31	15.54		
5	64QAM	25	0	15.34	15.44	15.47		
5	256QAM	1	0	15.51	15.53	15.27	16.5	0
5	256QAM	1	12	15.30	15.42	15.44		
5	256QAM	1	24	15.42	15.49	15.49		
5	256QAM	12	0	15.53	15.40	15.36	16.5	0
5	256QAM	12	7	15.40	15.52	15.33		
5	256QAM	12	13	15.46	15.41	15.42		
5	256QAM	25	0	15.38	15.45	15.58	16.5	0
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.39	15.60	15.47	16.5	0
3	QPSK	1	8	15.42	15.46	15.53		
3	QPSK	1	14	15.41	15.40	15.35		
3	QPSK	8	0	15.45	15.52	15.27	16.5	0
3	QPSK	8	4	15.51	15.54	15.41		
3	QPSK	8	7	15.38	15.36	15.36		
3	QPSK	15	0	15.47	15.49	15.41		
3	16QAM	1	0	15.44	15.58	15.38	16.5	0
3	16QAM	1	8	15.44	15.27	15.44		
3	16QAM	1	14	15.47	15.45	15.51		
3	16QAM	8	0	15.54	15.53	15.58	16.5	0
3	16QAM	8	4	15.46	15.50	15.60		
3	16QAM	8	7	15.40	15.31	15.56		
3	16QAM	15	0	15.52	15.46	15.48		
3	64QAM	1	0	15.48	15.55	15.41	16.5	0
3	64QAM	1	8	15.30	15.42	15.43		
3	64QAM	1	14	15.38	15.52	15.44		
3	64QAM	8	0	15.33	15.55	15.49	16.5	0
3	64QAM	8	4	15.46	15.46	15.48		
3	64QAM	8	7	15.60	15.39	15.43		
3	64QAM	15	0	15.39	15.37	15.45	16.5	0
3	256QAM	1	0	15.47	15.52	15.32		
3	256QAM	1	8	15.42	15.44	15.37		
3	256QAM	1	14	15.39	15.34	15.46		
3	256QAM	8	0	15.42	15.45	15.34	16.5	0
3	256QAM	8	4	15.45	15.51	15.43		
3	256QAM	8	7	15.53	15.42	15.46		
3	256QAM	15	0	15.38	15.37	15.55		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.50	15.53	15.51	16.5	0
1.4	QPSK	1	3	15.40	15.52	15.47		
1.4	QPSK	1	5	15.53	15.45	15.46		
1.4	QPSK	3	0	15.53	15.54	15.32		
1.4	QPSK	3	1	15.50	15.54	15.51		
1.4	QPSK	3	3	15.45	15.45	15.39		
1.4	QPSK	6	0	15.47	15.62	15.45	16.5	0
1.4	16QAM	1	0	15.28	15.45	15.45	16.5	0
1.4	16QAM	1	3	15.51	15.45	15.48		
1.4	16QAM	1	5	15.47	15.56	15.40		
1.4	16QAM	3	0	15.55	15.45	15.55		
1.4	16QAM	3	1	15.48	15.51	15.43		
1.4	16QAM	3	3	15.53	15.43	15.58		
1.4	16QAM	6	0	15.57	15.59	15.41	16.5	0
1.4	64QAM	1	0	15.40	15.38	15.48	16.5	0
1.4	64QAM	1	3	15.29	15.46	15.41		
1.4	64QAM	1	5	15.31	15.61	15.51		
1.4	64QAM	3	0	15.38	15.36	15.52		
1.4	64QAM	3	1	15.34	15.51	15.45		
1.4	64QAM	3	3	15.54	15.38	15.45		
1.4	64QAM	6	0	15.53	15.39	15.40	16.5	0
1.4	256QAM	1	0	15.45	15.53	15.43	16.5	0
1.4	256QAM	1	3	15.41	15.44	15.36		
1.4	256QAM	1	5	15.44	15.47	15.57		
1.4	256QAM	3	0	15.56	15.46	15.37		
1.4	256QAM	3	1	15.41	15.45	15.46		
1.4	256QAM	3	3	15.45	15.59	15.48		
1.4	256QAM	6	0	15.37	15.35	15.57	16.5	0

Band 66 Ant 0 DSI3 sig path:70

BW [MHz]	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	14.72	14.76	14.34	15.5	0
20	QPSK	1	49	14.49	14.75	14.71		
20	QPSK	1	99	14.47	14.49	14.63		
20	QPSK	50	0	14.68	14.75	14.52	15.5	0
20	QPSK	50	24	14.68	14.71	14.49		
20	QPSK	50	50	14.65	14.42	14.57		
20	QPSK	100	0	14.53	14.66	14.56		
20	16QAM	1	0	14.42	14.48	14.49	15.5	0
20	16QAM	1	49

Band 2 Ant 4 DSI3 sig path:44

BW [MHz]	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	16.59	16.60	16.10	17	0
20	QPSK	1	49	16.33	16.59	16.47		
20	QPSK	1	99	16.37	16.56	16.49		
20	QPSK	50	0	16.42	16.59	16.51		
20	QPSK	50	24	16.58	16.48	16.55		
20	QPSK	50	50	16.49	16.35	16.40		
20	QPSK	100	0	16.45	16.50	16.48		
20	16QAM	1	0	16.55	16.42	16.37		
20	16QAM	1	49	16.50	16.34	16.49	17	0
20	16QAM	1	99	16.35	16.33	16.32		
20	16QAM	50	0	16.32	16.56	16.49		
20	16QAM	50	24	16.52	16.43	16.40	17	0
20	16QAM	50	50	16.54	16.43	16.52		
20	16QAM	100	0	16.47	16.43	16.48		
20	64QAM	1	0	16.49	16.50	16.48		
20	64QAM	1	49	16.56	16.58	16.47	17	0
20	64QAM	1	99	16.52	16.52	16.37		
20	64QAM	50	0	16.51	16.52	16.43		
20	64QAM	50	24	16.40	16.51	16.46	17	0
20	64QAM	50	50	16.56	16.37	16.48		
20	64QAM	100	0	16.49	16.45	16.35		
20	256QAM	1	0	16.40	16.46	16.08		
20	256QAM	1	49	16.33	16.46	16.24	17	0
20	256QAM	1	99	16.33	16.49	16.34		
20	256QAM	50	0	16.26	16.59	16.43		
20	256QAM	50	24	16.41	16.23	16.54	17	0
20	256QAM	50	50	16.39	16.18	16.29		
20	256QAM	100	0	16.46	16.39	16.25		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.43	16.45	16.23	17	0
15	QPSK	1	37	16.26	16.50	16.42		
15	QPSK	1	74	16.30	16.53	16.48		
15	QPSK	36	0	16.34	16.36	16.36		
15	QPSK	36	20	16.46	16.21	16.33		
15	QPSK	36	39	16.33	16.28	16.17		
15	QPSK	75	0	16.40	16.46	16.32		
15	16QAM	1	0	16.48	16.24	16.34		
15	16QAM	1	37	16.44	16.30	16.38	17	0
15	16QAM	1	74	16.26	16.44	16.34		
15	16QAM	36	0	16.34	16.45	16.42		
15	16QAM	36	20	16.40	16.46	16.24		
15	16QAM	36	39	16.30	16.28	16.50	17	0
15	16QAM	75	0	16.41	16.26	16.31		
15	64QAM	1	0	16.44	16.38	16.23		
15	64QAM	1	37	16.48	16.43	16.41	17	0
15	64QAM	1	74	16.35	16.52	16.18		
15	64QAM	36	0	16.26	16.41	16.39		
15	64QAM	36	20	16.36	16.35	16.48		
15	64QAM	36	39	16.37	16.36	16.37	17	0
15	64QAM	75	0	16.45	16.36	16.25		
15	256QAM	1	0	16.40	16.54	16.06		
15	256QAM	1	37	16.22	16.56	16.29	17	0
15	256QAM	1	74	16.36	16.45	16.33		
15	256QAM	36	0	16.42	16.57	16.47		
15	256QAM	36	20	16.48	16.34	16.37	17	0
15	256QAM	36	39	16.43	16.27	16.21		
15	256QAM	75	0	16.30	16.50	16.43		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.36	16.40	16.07	17	0
10	QPSK	1	25	16.21	16.47	16.27		
10	QPSK	1	49	16.33	16.45	16.40		
10	QPSK	25	0	16.47	16.43	16.55		
10	QPSK	25	12	16.53	16.35	16.47	17	0
10	QPSK	25	25	16.33	16.23	16.38		
10	QPSK	50	0	16.35	16.38	16.35		
10	16QAM	1	0	16.40	16.25	16.22		
10	16QAM	1	25	16.41	16.18	16.39	17	0
10	16QAM	1	49	16.29	16.36	16.33		
10	16QAM	25	0	16.24	16.32	16.37		
10	16QAM	25	12	16.30	16.40	16.38	17	0
10	16QAM	25	25	16.33	16.21	16.44		
10	16QAM	50	0	16.43	16.42	16.51		
10	64QAM	1	0	16.41	16.31	16.42		
10	64QAM	1	25	16.34	16.59	16.39	17	0
10	64QAM	1	49	16.35	16.36	16.39		
10	64QAM	25	0	16.41	16.55	16.33		
10	64QAM	25	12	16.28	16.33	16.52	17	0
10	64QAM	25	25	16.37	16.17	16.42		
10	64QAM	50	0	16.40	16.48	16.19		
10	256QAM	1	0	16.39	16.51	16.09		
10	256QAM	1	25	16.31	16.53	16.39	17	0
10	256QAM	1	49	16.36	16.47	16.30		
10	256QAM	25	0	16.26	16.46	16.43		
10	256QAM	25	12	16.46	16.39	16.51	17	0
10	256QAM	25	25	16.39	16.23	16.30		
10	256QAM	50	0	16.37	16.50	16.29		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.54	16.49	16.13	17	0
5	QPSK	1	12	16.38	16.50	16.45		
5	QPSK	1	24	16.33	16.45	16.40		
5	QPSK	12	0	16.31	16.56	16.45	17	0
5	QPSK	12	7	16.35	16.32	16.42		
5	QPSK	12	13	16.43	16.23	16.35		
5	QPSK	25	0	16.39	16.48	16.31		
5	16QAM	1	0	16.45	16.41	16.35	17	0
5	16QAM	1	12	16.35	16.24	16.40		
5	16QAM	1	24	16.34	16.25	16.31		
5	16QAM	12	0	16.32	16.41	16.35	17	0
5	16QAM	12	7	16.44	16.29	16.22		
5	16QAM	12	13	16.31	16.17	16.38		
5	16QAM	25	0	16.23	16.29	16.38		
5	64QAM	1	0	16.31	16.48	16.42	17	0
5	64QAM	1	12	16.43	16.44	16.28		
5	64QAM	1	24	16.43	16.26	16.17		
5	64QAM	12	0	16.36	16.30	16.34	17	0
5	64QAM	12	7	16.35	16.25	16.35		
5	64QAM	12	13	16.44	16.24	16.30		
5	64QAM	25	0	16.40	16.31	16.21		
5	256QAM	1	0	16.42	16.49	16.15		
5	256QAM	1	12	16.26	16.50	16.37	17	0
5	256QAM	1	24	16.30	16.50	16.42		
5	256QAM	12	0	16.33	16.51	16.33		
5	256QAM	12	7	16.38	16.37	16.49	17	0
5	256QAM	12	13	16.26	16.23	16.31		
5	256QAM	25	0	16.34	16.41	16.38		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.57	16.49	16.16	17	0
3	QPSK	1	8	16.47	16.41	16.18		
3	QPSK	1	14	16.18	16.34	16.45		
3	QPSK	8	0	16.32	16.39	16.45		
3	QPSK	8	4	16.43	16.42	16.51	17	0
3	QPSK	8	7	16.39	16.26	16.38		
3	QPSK	15	0	16.29	16.34	16.40		
3	16QAM	1	0	16.46	16.33	16.40	17	0
3	16QAM	1	8	16.41	16.30	16.50		
3	16QAM	1	14	16.35	16.31	16.17		
3	16QAM	8	0	16.31	16.46	16.34	17	0
3	16QAM	8	4	16.33	16.36	16.40		
3	16QAM	8	7	16.44	16.28	16.46		
3	16QAM	15	0	16.20	16.36	16.40		
3	64QAM	1	0	16.44	16.39	16.29	17	0
3	64QAM	1	8	16.46	16.59	16.34		
3	64QAM	1	14	16.33	16.45	16.32		
3	64QAM	8	0	16.40	16.41	16.35		
3	64QAM	8	4	16.45	16.32	16.49	17	0
3	64QAM	8	7	16.46	16.20	16.32		
3	64QAM	15	0	16.50	16.42	16.22		
3	256QAM	1	0	16.42	16.59	16.04		
3	256QAM	1	8	16.37	16.36	16.32	17	0
3	256QAM	1	14	16.39	16.57	16.32		
3	256QAM	8	0	16.31	16.47	16.42		
3	256QAM	8	4	16.45	16.38	16.46	17	0
3	256QAM	8	7	16.39	16.22	16.37		
3	256QAM	15	0	16.36	16.45	16.36		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.52	16.49	16.01	17	0
1.4	QPSK	1	3	16.25	16.44	16.24		
1.4	QPSK	1	5	16.41	16.43	16.35		
1.4	QPSK	3	0	16.40	16.45	16.44		
1.4	QPSK	3	1	16.47	16.40	16.39		
1.4	QPSK	3	3	16.40	16.31	16.30		
1.4	QPSK	6	0	16.34	16.35	16.21	17	0
1.4	16QAM	1	0	16.51	16.22	16.28	17	0
1.4	16QAM	1	3	16.38	16.17	16.54		
1.4	16QAM	1	5	16.33	16.28	16.22		
1.4	16QAM	3	0	16.25	16.36	16.28		
1.4	16QAM	3	1	16.42	16.34	16.29		
1.4	16QAM	3	3	16.27	16.29	16.54		
1.4	16QAM	6	0	16.26	16.25	16.52	17	0
1.4	64QAM	1	0	16.27	16.37	16.25	17	0
1.4	64QAM	1	3	16.41	16.59	16.31		
1.4	64QAM	1	5	16.42	16.47	16.33		
1.4	64QAM	3	0	16.37	16.38	16.44		
1.4	64QAM	3	1	16.34	16.41	16.41		
1.4	64QAM	3	3	16.39	16.21	16.41		
1.4	64QAM	6	0	16.38	16.25	16.19	17	0
1.4	256QAM	1	0	16.35	16.55	16.09	17	0
1.4	256QAM	1	3	16.39	16.44	16.33		
1.4	256QAM	1	5	16.38	16.40	16.33		
1.4	256QAM	3	0	16.30	16.47	16.41		
1.4	256QAM	3	1	16.33	16.36	16.40		
1.4	256QAM	3	3	16.32	16.35	16.28		
1.4	256QAM	6	0	16.37	16.49	16.34	17	0

Band 2 Ant 4 DSI3 sig path:456

BW [MHz]	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	16.51	16.65	16.16	17	0
20	QPSK	1	49	16.34	16.61	16.57		
20	QPSK	1	99	16.41	16.59	16.42		
20	QPSK	50	0	16.47	16.62	16.34		
20	QPSK	50	24	16.60	16.49	16.53		
20	QPSK	50	50	16.32	16.35	16.52		
20	QPSK	100	0	16.45	16.56	16.49		
20	16QAM	1	0	16.46	16.46	16.55		
20	16QAM	1	49	16.45	16.35	16.55	17	0
20	16QAM	1	99	16.48	16.47	16.49		
20	16QAM	50	0	16.39	16.55	16.33		
20	16QAM	50	24	16.44	16.39	16.37	17	0
20	16QAM	50	50	16.39	16.35	16.54		
20	16QAM	100	0	16.59	16.47	16.54		
20	64QAM	1	0	16.47	16.38	16.31		
20	64QAM	1	49	16.40	16.39	16.52	17	0
20	64QAM	1	99	16.35	16.39	16.38		
20	64QAM	50	0	16.47	16.48	16.39		
20	64QAM	50	24	16.27	16.29	16.35	17	0
20	64QAM	50	50	16.62	16.45	16.34		
20	64QAM	100	0	16.32	16.49	16.37		
20	256QAM	1	0	16.37	16.51	16.15		
20	256QAM	1	49	16.24	16.47	16.32	17	0
20	256QAM	1	99	16.29	16.45	16.34		
20	256QAM	50	0	16.27	16.45	16.13		
20	256QAM	50	24	16.42	16.46	16.40	17	0
20	256QAM	50	50	16.27	16.29	16.32		
20	256QAM	100	0	16.43	16.37	16.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.39	16.49	16.06	17	0
15	QPSK	1	37	16.35	16.56	16.56		
15	QPSK	1	74	16.25	16.34	16.27		
15	QPSK	36	0	16.45	16.44	16.21		
15	QPSK	36	20	16.41	16.27	16.51		
15	QPSK	36	39	16.27	16.32	16.38	17	0
15	QPSK	75	0	16.29	16.39	16.39		
15	16QAM	1	0	16.45	16.25	16.35		
15	16QAM	1	37	16.26	16.34	16.51	17	0
15	16QAM	1	74	16.34	16.30	16.77		
15	16QAM	36	0	16.13	16.47	16.21		
15	16QAM	36	20	16.34	16.28	16.21	17	0
15	16QAM	36	39	16.27	16.22	16.43		
15	16QAM	75	0	16.29	16.30	16.30		
15	64QAM	1	0	16.19	16.24	16.34		
15	64QAM	1	37	16.39	16.18	16.50	17	0
15	64QAM	1	74	16.27	16.30	16.23		
15	64QAM	36	0	16.40	16.43	16.24		
15	64QAM	36	20	16.28	16.38	16.30	17	0
15	64QAM	36	39	16.50	16.38	16.43		
15	64QAM	75	0	16.27	16.42	16.35		
15	256QAM	1	0	16.41	16.62	16.11		
15	256QAM	1	37	16.26	16.46	16.34	17	0
15	256QAM	1	74	16.27	16.38	16.28		
15	256QAM	36	0	16.34	16.49	16.14		
15	256QAM	36	20	16.28	16.50	16.57	17	0
15	256QAM	36	39	16.25	16.33	16.33		
15	256QAM	75	0	16.22	16.47	16.49		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.37	16.42	16.19	17	0
10	QPSK	1	25	16.20	16.55	16.43		
10	QPSK	1	49	16.21	16.38	16.23		
10	QPSK	25	0	16.30	16.40	16.14		
10	QPSK	25	12	16.39	16.42	16.44	17	0
10	QPSK	25	25	16.18	16.35	16.35		
10	QPSK	50	0	16.16	16.56	16.46		
10	16QAM	1	0	16.39	16.29	16.35		
10	16QAM	1	25	16.27	16.40	16.31	17	0
10	16QAM	1	49	16.45	16.32	16.48		
10	16QAM	25	0	16.21	16.40	16.23		
10	16QAM	25	12	16.35	16.28	16.26	17	0
10	16QAM	25	25	16.29	16.36	16.37		
10	16QAM	50	0	16.54	16.42	16.42		
10	64QAM	1	0	16.28	16.27	16.34		
10	64QAM	1	25	16.41	16.21	16.37	17	0
10	64QAM	1	49	16.37	16.33	16.26		
10	64QAM	25	0	16.30	16.30	16.33		
10	64QAM	25	12	16.40	16.28	16.36	17	0
10	64QAM	25	25	16.48	16.35	16.27		
10	64QAM	50	0	16.17	16.35	16.23		
10	256QAM	1	0	16.40	16.54	16.12		
10	256QAM	1	25	16.22	16.59	16.45	17	0
10	256QAM	1	49	16.38	16.35	16.22		
10	256QAM	25	0	16.36	16.57	16.17		
10	256QAM	25	12	16.51	16.48	16.48	17	0
10	256QAM	25	25	16.16	16.41	16.43		
10	256QAM	50	0	16.23	16.41	16.53		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.42	16.51	16.03	17	0
5	QPSK	1	12	16.26	16.60	16.38		
5	QPSK	1	24	16.32	16.44	16.29		
5	QPSK	12	0	16.31	16.55	16.27	17	0
5	QPSK	12	7	16.44	16.35	16.39		
5	QPSK	12	13	16.17	16.35	16.41		
5	QPSK	25	0	16.26	16.50	16.57		
5	16QAM	1	0	16.30	16.29	16.48		
5	16QAM	1	12	16.33	16.18	16.40	17	0
5	16QAM	1	24	16.49	16.40	16.31		
5	16QAM	12	0	16.25	16.40	16.30		
5	16QAM	12	7	16.41	16.26	16.27	17	0
5	16QAM	12	13	16.23	16.12	16.52		
5	16QAM	25	0	16.54	16.31	16.39		
5	64QAM	1	0	16.36	16.27	16.33		
5	64QAM	1	12	16.37	16.26	16.49	17	0
5	64QAM	1	24	16.23	16.37	16.27		
5	64QAM	12	0	16.37	16.25	16.29		
5	64QAM	12	7	16.20	16.30	16.36	17	0
5	64QAM	12	13	16.63	16.34	16.44		
5	64QAM	25	0	16.45	16.14	16.14		
5	256QAM	1	0	16.30	16.51	16.05		
5	256QAM	1	12	16.34	16.46	16.43	17	0
5	256QAM	1	24	16.29	16.56	16.33		
5	256QAM	12	0	16.33	16.38	16.28		
5	256QAM	12	7	16.49	16.36	16.42	17	0
5	256QAM	12	13	16.17	16.32	16.37		
5	256QAM	25	0	16.38	16.40	16.41		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.50	16.42	16.12	17	0
3	QPSK	1	8	16.19	16.63	16.35		
3	QPSK	1	14	16.32	16.43	16.30		
3	QPSK	8	0	16.33	16.58	16.29		
3	QPSK	8	4	16.47	16.38	16.42	17	0
3	QPSK	8	7	16.31	16.21	16.29		
3	QPSK	15	0	16.22	16.43	16.50		
3	16QAM	1	0	16.42	16.35	16.38		
3	16QAM	1	8	16.42	16.35	16.49	17	0
3	16QAM	1	14	16.38	16.34	16.38		
3	16QAM	8	0	16.21	16.45	16.16		
3	16QAM	8	4	16.35	16.30	16.30	17	0
3	16QAM	8	7	16.28	16.19	16.40		
3	16QAM	15	0	16.53	16.47	16.31		
3	64QAM	1	0	16.43	16.24	16.22		
3	64QAM	1	8	16.41	16.26	16.43	17	0
3	64QAM	1	14	16.23	16.42	16.30		
3	64QAM	8	0	16.26	16.29	16.33		
3	64QAM	8	4	16.28	16.42	16.27	17	0
3	64QAM	8	7	16.46	16.31	16.31		
3	64QAM	15	0	16.16	16.48	16.32		
3	256QAM	1	0	16.31	16.63	16.05		
3	256QAM	1	8	16.39	16.49	16.49	17	0
3	256QAM	1	14	16.41	16.35	16.35		
3	256QAM	8	0	16.39	16.37	16.28		
3	256QAM	8	4	16.43	16.50	16.58	17	0
3	256QAM	8	7	16.23	16.37	16.35		
3	256QAM	15	0	16.20	16.51	16.48		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.47	16.59	16.20	17	0
1.4	QPSK	1	3	16.26	16.39	16.46		
1.4	QPSK	1	5	16.43	16.52	16.23		
1.4	QPSK	3	0	16.47	16.42	16.18		
1.4	QPSK	3	1	16.54	16.36	16.52		
1.4	QPSK	3	3	16.36	16.37	16.47		
1.4	QPSK	6	0	16.39	16.36	16.29	17	0
1.4	16QAM	1	0	16.33	16.37	16.33	17	0
1.4	16QAM	1	3	16.43	16.19	16.50		
1.4	16QAM	1	5	16.43	16.34	16.47		
1.4	16QAM	3	0	16.37	16.29	16.29		
1.4	16QAM	3	1	16.27	16.31	16.16		
1.4	16QAM	3	3	16.23	16.16	16.43		
1.4	16QAM	6	0	16.59	16.29	16.35	17	0
1.4	64QAM	1	0	16.34	16.32	16.16	17	0
1.4	64QAM	1	3	16.27	16.29	16.47		
1.4	64QAM	1	5	16.19	16.28	16.16		
1.4	64QAM	3	0	16.31	16.35	16.25		
1.4	64QAM	3	1	16.41	16.41	16.35		
1.4	64QAM	3	3	16.49	16.21	16.24		
1.4	64QAM	6	0	16.39	16.48	16.35	17	0
1.4	256QAM	1	0	16.34	16.51	16.08	17	0
1.4	256QAM	1	3	16.26	16.43	16.38		
1.4	256QAM	1	5	16.29	16.54	16.32		
1.4	256QAM	3	0	16.44	16.53	16.25		
1.4	256QAM	3	1	16.45	16.55	16.50		
1.4	256QAM	3	3	16.34	16.23	16.47		
1.4	256QAM	6	0	16.21	16.50	16.43	17	0

Band 4 Ant 4 DSI3 sig path:69

BW [MHz]	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	16.80	17.01	16.82	17.5	0
20	QPSK	1	49	16.83	16.89	16.93		
20	QPSK	1	99	16.82	16.76	16.82		
20	QPSK	50	0	16.84	16.85	16.70		
20	QPSK	50	24	16.82	16.81	16.81	17.5	0
20	QPSK	50	50	16.67	16.66	16.66		
20	QPSK	100	0	16.73	16.75	16.71		
20	16QAM	1	0	16.77	16.73	16.59		
20	16QAM	1	49	16.93	16.58	16.87	17.5	0
20	16QAM	1	99	16.70	16.79	16.77		
20	16QAM	50	0	16.74	16.78	16.78		
20	16QAM	50	24	16.69	16.74	16.84	17.5	0
20	16QAM	50	50	16.65	16.76	16.73		
20	16QAM	100	0	16.91	16.72	16.65		
20

Band 7 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.35	15.51	15.37	16	0
20	QPSK	1	49	15.39	15.44	15.42		
20	QPSK	1	99	15.41	15.26	15.38		
20	QPSK	50	0	15.35	15.42	15.29		
20	QPSK	50	24	15.36	15.34	15.30	16	0
20	QPSK	50	50	15.38	15.26	15.23		
20	QPSK	100	0	15.28	15.33	15.31		
20	16QAM	1	0	15.40	15.44	15.25		
20	16QAM	1	49	15.35	15.34	15.39	16	0
20	16QAM	1	99	15.36	15.33	15.36		
20	16QAM	50	0	15.27	15.41	15.47		
20	16QAM	50	24	15.37	15.36	15.37	16	0
20	16QAM	50	50	15.43	15.32	15.27		
20	16QAM	100	0	15.30	15.41	15.22		
20	64QAM	1	0	15.28	15.35	15.33		
20	64QAM	1	49	15.33	15.32	15.24	16	0
20	64QAM	1	99	15.29	15.46	15.31		
20	64QAM	50	0	15.23	15.47	15.34		
20	64QAM	50	24	15.38	15.43	15.21	16	0
20	64QAM	50	50	15.50	15.23	15.36		
20	64QAM	100	0	15.22	15.25	15.34		
20	256QAM	1	0	15.30	15.31	15.27		
20	256QAM	1	49	15.44	15.35	15.40	16	0
20	256QAM	1	99	15.38	15.36	15.41		
20	256QAM	50	0	15.38	15.38	15.31		
20	256QAM	50	24	15.22	15.26	15.37	16	0
20	256QAM	50	50	15.28	15.37	15.30		
20	256QAM	100	0	15.50	15.36	15.44		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.26	15.34	15.41	16	0
15	QPSK	1	37	15.29	15.31	15.36		
15	QPSK	1	74	15.23	15.21	15.29		
15	QPSK	36	0	15.20	15.23	15.08		
15	QPSK	36	20	15.17	15.32	15.11	16	0
15	QPSK	36	39	15.28	15.23	15.11		
15	QPSK	75	0	15.06	15.32	15.24		
15	16QAM	1	0	15.43	15.27	15.21		
15	16QAM	1	37	15.24	15.27	15.26	16	0
15	16QAM	1	74	15.22	15.21	15.31		
15	16QAM	36	0	15.17	15.22	15.35		
15	16QAM	36	20	15.25	15.24	15.20	16	0
15	16QAM	36	39	15.33	15.27	15.16		
15	16QAM	75	0	15.32	15.22	15.18		
15	64QAM	1	0	15.14	15.20	15.13		
15	64QAM	1	37	15.27	15.26	15.06	16	0
15	64QAM	1	74	15.25	15.41	15.26		
15	64QAM	36	0	15.15	15.34	15.16		
15	64QAM	36	20	15.40	15.05	15.39	16	0
15	64QAM	36	39	15.26	15.08	15.26		
15	64QAM	75	0	15.13	15.23	15.29		
15	256QAM	1	0	15.23	15.35	15.11		
15	256QAM	1	37	15.30	15.16	15.17	16	0
15	256QAM	1	74	15.35	15.25	15.38		
15	256QAM	36	0	15.14	15.18	15.32		
15	256QAM	36	20	15.03	15.16	15.23	16	0
15	256QAM	36	39	15.39	15.40	15.17		
15	256QAM	75	0	15.44	15.22	15.38		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.23	15.40	15.31	16	0
10	QPSK	1	25	15.35	15.42	15.18		
10	QPSK	1	49	15.38	15.25	15.12		
10	QPSK	25	0	15.22	15.19	15.14		
10	QPSK	25	12	15.31	15.42	15.24	16	0
10	QPSK	25	25	15.24	15.09	15.06		
10	QPSK	50	0	15.19	15.19	15.31		
10	16QAM	1	0	15.43	15.37	15.24		
10	16QAM	1	25	15.30	15.21	15.25	16	0
10	16QAM	1	49	15.25	15.26	15.24		
10	16QAM	25	0	15.24	15.27	15.40		
10	16QAM	25	12	15.30	15.29	15.21	16	0
10	16QAM	25	25	15.26	15.13	15.26		
10	16QAM	50	0	15.26	15.28	15.08		
10	64QAM	1	0	15.17	15.39	15.22		
10	64QAM	1	25	15.26	15.35	15.15	16	0
10	64QAM	1	49	15.14	15.40	15.11		
10	64QAM	25	0	15.21	15.34	15.24		
10	64QAM	25	12	15.18	15.27	15.15	16	0
10	64QAM	25	25	15.35	15.23	15.26		
10	64QAM	50	0	15.12	15.25	15.32		
10	256QAM	1	0	15.23	15.35	15.25		
10	256QAM	1	25	15.30	15.29	15.31	16	0
10	256QAM	1	49	15.20	15.31	15.31		
10	256QAM	25	0	15.29	15.25	15.23		
10	256QAM	25	12	15.06	15.22	15.31	16	0
10	256QAM	25	25	15.24	15.20	15.30		
10	256QAM	50	0	15.32	15.31	15.31		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.37	15.29	15.23	16	0
5	QPSK	1	12	15.29	15.29	15.25		
5	QPSK	1	24	15.32	15.23	15.17		
5	QPSK	12	0	15.25	15.31	15.05	16	0
5	QPSK	12	7	15.15	15.37	15.27		
5	QPSK	12	13	15.25	15.26	15.14		
5	QPSK	25	0	15.19	15.21	15.17		
5	16QAM	1	0	15.43	15.42	15.19		
5	16QAM	1	12	15.30	15.23	15.23	16	0
5	16QAM	1	24	15.30	15.28	15.22		
5	16QAM	12	0	15.31	15.33	15.38		
5	16QAM	12	7	15.18	15.28	15.20	16	0
5	16QAM	12	13	15.27	15.18	15.18		
5	16QAM	25	0	15.35	15.26	15.23		
5	64QAM	1	0	15.19	15.23	15.10		
5	64QAM	1	12	15.26	15.27	15.10	16	0
5	64QAM	1	24	15.24	15.41	15.23		
5	64QAM	12	0	15.13	15.44	15.30		
5	64QAM	12	7	15.20	15.38	15.06	16	0
5	64QAM	12	13	15.22	15.14	15.31		
5	64QAM	25	0	15.15	15.14	15.24		
5	256QAM	1	0	15.17	15.24	15.17		
5	256QAM	1	12	15.30	15.25	15.24	16	0
5	256QAM	1	24	15.25	15.30	15.22		
5	256QAM	12	0	15.18	15.20	15.28		
5	256QAM	12	7	15.10	15.11	15.35	16	0
5	256QAM	12	13	15.26	15.10	15.07		
5	256QAM	25	0	15.23	15.24	15.34		

Band 25 Ant 4 DSI3 sig path:45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	16.01	16.16	15.92	17	0
20	QPSK	1	49	15.88	15.94	15.98		
20	QPSK	1	99	16.02	15.96	15.91		
20	QPSK	50	0	15.93	16.15	16.13		
20	QPSK	50	24	16.00	16.05	15.97	17	0
20	QPSK	50	50	15.90	15.87	15.91		
20	QPSK	100	0	16.02	16.05	16.00		
20	16QAM	1	0	15.99	15.93	15.81		
20	16QAM	1	49	16.01	15.90	15.99	17	0
20	16QAM	1	99	15.95	15.92	15.99		
20	16QAM	50	0	16.01	15.94	15.90		
20	16QAM	50	24	15.94	15.95	15.92	17	0
20	16QAM	50	50	15.91	15.81	16.03		
20	16QAM	100	0	16.09	16.09	16.01		
20	64QAM	1	0	15.92	15.97	15.94		
20	64QAM	1	49	15.90	15.90	15.92	17	0
20	64QAM	1	99	15.90	15.90	15.95		
20	64QAM	50	0	15.93	16.10	15.99		
20	64QAM	50	24	16.04	15.87	15.84	17	0
20	64QAM	50	50	16.07	16.04	15.90		
20	64QAM	100	0	15.98	15.98	16.06		
20	256QAM	1	0	15.92	15.97	15.94		
20	256QAM	1	49	15.90	15.90	15.92	17	0
20	256QAM	1	99	15.90	15.90	15.95		
20	256QAM	50	0	15.93	16.10	15.99		
20	256QAM	50	24	16.04	15.87	15.84	17	0
20	256QAM	50	50	16.04	16.04	15.90		
20	256QAM	100	0	15.98	15.98	16.06		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.93	16.08	15.77	17	0
15	QPSK	1	37	15.94	15.88	15.93		
15	QPSK	1	74	15.95	15.86	15.83		
15	QPSK	36	0	15.86	16.01	16.05		
15	QPSK	36	20	15.86	15.98	15.87	17	0
15	QPSK	36	39	15.82	15.78	15.84		
15	QPSK	75	0	15.93	15.90	15.87		
15	16QAM	1	0	15.94	15.88	15.72		
15	16QAM	1	37	15.87	15.82	15.90	17	0
15	16QAM	1	74	15.88	15.84	15.95		
15	16QAM	36	0	15.93	15.86	15.76		
15	16QAM	36	20	15.83	15.82	15.88	17	0
15	16QAM	36	39	15.77	15.67	15.98		
15	16QAM	75	0	15.99	16.03	15.90		
15	64QAM	1	0	15.88	15.88	15.88		
15	64QAM	1	37	15.77	15.82	15.87	17	0
15	64QAM	1	74	15.80	15.74	15.80		
15	64QAM	36	0	15.78	16.04	15.94		
15	64QAM	36	20	15.78	15.78	15.78	17	0
15	64QAM	36	39	15.92	15.93	15.85		
15	64QAM	75	0	15.90	15.83	15.97		
15	256QAM	1	0	15.81	15.91	15.80		
15	256QAM	1	37	15.76	15.86	15.87	17	0
15	256QAM	1	74	15.81	15.84	15.82		
15	256QAM	36	0	15.87	15.97	15.95		
15	256QAM	36	20	15.95	15.78	15.79	17	0
15	256QAM	36	39	15.92	15.91	15.86		
15	256QAM	75	0	15.91	15.85	15.96		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.88	16.04	15.79	17	0
10	QPSK	1	25	15.80	15.87	15.84		
10	QPSK	1	49	15.91	15.90	15.85		
10	QPSK	25	0	15.79	16.06	15.97		
10	QPSK	25	12	15.87	15.92	15.91	17	0
10	QPSK	25	25	15.76	15.80	15.81		
10	QPSK	50	0	15.87	15.95	15.91		
10	16QAM	1	0	15.93	15.84	15.66		
10	16QAM	1	25	15.87	15.77	15.95	17	0
10	16QAM	1	49	15.86	15.77	15.93		
10	16QAM	25	0	15.86	15.81	15.76		
10	16QAM	25	12	15.89	15.84	15.84	17	0
10	16QAM	25	25	15.78	15.71	15.92		
10	16QAM	50	0	16.02	15.94	15.92		
10	64QAM	1	0	15.81	15.83	15.89		
10	64QAM	1	25	15.75	15.82	15.84	17	0
10	64QAM	1	49	15.84	15.75	15.81		
10	64QAM	25	0	15.87	16.05	15.93		
10	64QAM	25	12	15.94	15.82	15.70	17	0
10	64QAM	25	25	15.94	15.91	15.81		
10	64QAM	50	0	15.84	15.83	15.94		
10	256QAM	1	0	15.86	15.93	15.89		
10	256QAM	1	25	15.80	15.79	15.88	17	0
10	256QAM	1	49	15.82	15.80	15.81		
10	256QAM	25	0	15.82	15.99	15.93		
10	256QAM	25	12	15.92	15.78	15.76	17	0
10	256QAM	25	25	15.99	15.88	15.74		
10	256QAM	50	0	15.92	15.86	16.01		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.94	16.03	15.82	17	0
5	QPSK	1	12	15.74	15.81	15.90		
5	QPSK	1	24	15.89	15.90	15.77		
5	QPSK	12	0	15.83	16.09	16.03		
5	QPSK	12	7	15.89	15.92	15.90	17	0
5	QPSK	12	13	15.85	15.73	15.85		
5	QPSK	25	0	15.89	16.00	15.96		
5	16QAM	1	0	15.86	15.83	15.67		
5	16QAM	1	12	15.88	15.82	15.92	17	0
5	16QAM	1	24	15.91	15.78	15.93		
5	16QAM	12	0	15.88	15.86	15.82		
5	16QAM	12	7	15.80	15.89	15.79	17	0
5	16QAM	12	13	15.84	15.66	15.97		
5	16QAM	25	0	15.94	16.04	15.95		
5	64QAM	1	0	15.79	15.89	15.79		
5	64QAM	1	12	15.79	15.77	15.77	17	0
5	64QAM	1	24	15.83	15.75	15.87		
5	64QAM	12	0	15.81	16.02	15.87		
5	64QAM	12	7	15.98	15.75	15.72	17	0
5	64QAM	12	13	15.93	15.91	15.84		
5	64QAM	25	0	15.89	15.82	16.01		
5	256QAM	1	0	15.86	15.86	15.82		
5	256QAM	1	12	15.80	15.83	15.80	17	0
5	256QAM	1	24	15.75	15.75	15.89		
5	256QAM	12	0	15.83	16.01	15.87		
5	256QAM	12	7	15.95	15.83	15.79	17	0
5	256QAM	12	13	15.98	15.99	15.84		
5	256QAM	25	0	15.82	15.92	15.92		
Channel				26040	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1913.3		
3	QPSK	1	0	15.90	16.05	15.79	17	0
3	QPSK	1	8	15.80	15.79	15.88		
3	QPSK	1	14	15.91	15.86	15.75		
3	QPSK	8	0	15.87	16.01	16.05		
3	QPSK	8	4	15.87	16.00	15.81	17	0
3	QPSK	8	7	15.79	15.74	15.77		
3	QPSK	15	0	15.93	15.93	15.86		
3	16QAM	1	0	15.88	15.82	15.73		
3	16QAM	1	8	15.89	15.81	15.91	17	0
3	16QAM	1	14	15.80	15.77	15.91		
3	16QAM	8	0	15.97	15.88	15.84		
3	16QAM	8	4	15.88	15.88	15.85	17	0
3	16QAM	8	7	15.77	15.72	15.93		
3	16QAM	15	0	15.95	15.94	15.86		
3	64QAM	1	0	15.79	15.83	15.86		
3	64QAM	1	8	15.82	15.78	15.81	17	0
3	64QAM	1	14	15.82	15.80	15.83		
3	64QAM	8	0	15.77	15.97	15.91		
3	64QAM	8	4	15.96	15.78	15.72	17	0
3	64QAM	8	7	15.90	15.76	15.76		
3	64QAM	15	0	15.91	15.86	16.00		
3	256QAM	1	0	15.83	15.83	15.88		
3	256QAM	1	8	15.85	15.84	15.83	17	0
3	256QAM	1	14	15.88	15.81	15.79		
3	256QAM	8	0	15.87	16.04	15.87		
3	256QAM	8	4	15.97	15.76	15.68	17	0
3	256QAM	8	7	16.03	15.90	15.78		
3	256QAM	15	0	15.85	15.85	15.92		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.88	16.06	15.84	17	0
1.4	QPSK	1	3	15.81	15.89	15.90		
1.4	QPSK	1	5	15.93	15.90	15.87		
1.4	QPSK	3	0	15.87	16.05	16.09		
1.4	QPSK	3	1	15.94	15.99	15.84		
1.4	QPSK	3	3	15.78	15.74	15.79		
1.4	QPSK	6	0	15.88	15.97	15.94	17	0
1.4	16QAM	1	0	15.84	15.85	15.65		
1.4	16QAM	1	3	15.88	15.82	15.85		
1.4	16QAM	1	5	15.89	15.80	15.95	17	0
1.4	16QAM	3	0	15.92	15.80	15.81		
1.4	16QAM	3	1	15.79	15.82	15.86		
1.4	16QAM	3	3	15.86	15.68	15.87		
1.4	16QAM	6	0	16.03	15.96	15.89	17	0
1.4	64QAM	1	0	15.83	15.81	15.83		
1.4	64QAM	1	3	15.76	15.85	15.80		
1.4	64QAM	1	5	15.83	15.74	15.80	17	0
1.4	64QAM	3	0	15.85	15.97	15.88		
1.4	64QAM	3	1	15.88	15.71	15.68		
1.4	64QAM	3	3	15.99	15.97	15.75		
1.4	64QAM	6	0	15.84	15.90	16.00	17	0
1.4	256QAM	1	0	15.83	15.86	15.84		
1.4	256QAM	1	3	15.79	15.83	15.82		
1.4	256QAM	1	5	15.79	15.76	15.88	17	0
1.4	256QAM	3	0	15.84	15.96	15.94		
1.4	256QAM	3	1	15.97	15.74	15.70		
1.4	256QAM	3	3	15.91	15.92	15.82		
1.4	256QAM	6	0	15.87	15.86	15.93	17	0

Band 25 Ant 4 DSI3 sig path:457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	16.15	16.26	16.00	17	0
20	QPSK	1	49	15.95	16.02	16.07		
20	QPSK	1	99	16.12	16.04	15.98		
20	QPSK	50	0	16.08	16.22	16.19		
20	QPSK	50	24	16.09	16.11	16.06	17	0
20	QPSK	50	50	16.01	16.03	16.04		
20	QPSK	100	0	16.14	16.17	16.11		
20	16QAM	1	0	16.04	16.03	15.95		
20	16QAM	1	49	16.16	15.94	16.04	17	0
20	16QAM	1	99	16.06	16.06	16.09		
20	16QAM	50	0	16.12	16.04	15.97		
20	16QAM	50	24	15.99	16.11	16.04	17	0
20	16QAM	50	50	15.98	15.91	16.13		
20	16QAM	100	0	16.14	16.19	16.06		
20	64QAM	1	0	16.07	16.07	16.00		
20	64QAM	1	49	15.97	15.97	16.06	17	0
20	64QAM	1	99	16.01	16.05	16.02		
20	64QAM	50	0	16.00	16.24	16.12		
20	64QAM	50	24	16.15	15.93	15.91	17	0
20	64QAM	50	50	16.22	16.11	16.03		
20	64QAM	100	0	16.03	16.11	16.21		
20	256QAM	1	0	15.96	16.10	16.01		
20	256QAM	1	49	15.99	15.97	15.98	17	0
20	256QAM	1	99	15.96	15.95	16.03		
20	256QAM	50	0	16.03	16.17	16.05		
20	256QAM	50	24	16.14	15.91	15.91	17	0
20	256QAM	50	50	16.20	16.18	15.99		
20	256QAM	100	0	16.07	16.06	16.21		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.05	16.10	15.90	17	0
15	QPSK	1	37	15.94	15.96	15.96		
15	QPSK	1	74	16.05	15.92	15.95		
15	QPSK	36	0	15.95	16.11	16.19		
15	QPSK	36	20	16.00	16.03	15.93	17	0
15	QPSK	36	39	15.86	15.86	15.89		
15	QPSK	75	0	15.99	16.08	16.04		
15	16QAM	1	0	16.01	15.91	15.82		
15	16QAM	1	37	16.04	15.95	15.97	17	0
15	16QAM	1	74	15.97	15.95	15.97		
15	16QAM	36	0	16.00	15.91	15.92		
15	16QAM	36	20	15.93	15.96	15.93	17	0
15	16QAM	36	39	15.93	15.79	15.98		
15	16QAM	75	0	16.11	16.11	16.02		
15	64QAM	1	0	15.94	16.02	15.99		
15	64QAM	1	37	15.90	15.90	15.89	17	0
15	64QAM	1	74	15.88	15.87	15.95		
15	64QAM	36	0	15.97	16.06	16.03		
15	64QAM	36	20	15.82	15.82	15.87	17	0
15	64QAM	36	39	16.03	16.10	15.95		
15	64QAM	75	0	15.97	15.97	16.11		
15	256QAM	1	0	15.91	15.95	15.94		
15	256QAM	1	37	15.92	15.85	15.88	17	0
15	256QAM	1	74	15.88	15.91	16.00		
15	256QAM	36	0	15.91	16.09	16.01		
15	256QAM	36	20	15.99	15.87	15.78	17	0
15	256QAM	36	39	16.07	16.01	15.88		
15	256QAM	75	0	15.93	16.00	16.06		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.05	16.16	15.96	17	0
10	QPSK	1	25	15.93	15.99	15.99		
10	QPSK	1	49	15.99	16.01	15.86		
10	QPSK	25	0	15.96	16.11	16.18		
10	QPSK	25	12	15.95	16.10	15.98	17	0
10	QPSK	25	25	15.96	15.86	15.97		
10	QPSK	50	0	16.05	16.07	15.97		
10	16QAM	1	0	15.95	15.89	15.77		
10	16QAM	1	25	16.04	15.89	15.97	17	0
10	16QAM	1	49	15.90	15.89	15.93		
10	16QAM	25	0	15.98	15.89	15.96		
10	16QAM	25	12	15.99	15.96	15.94	17	0
10	16QAM	25	25	15.95	15.76	16.09		
10	16QAM	50	0	16.04	16.05	16.01		
10	64QAM	1	0	15.92	15.93	15.98		
10	64QAM	1	25	15

Band 66 Ant 4 DSI3 sig path:70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.92	16.98	16.88		
20	QPSK	1	49	16.84	16.86	16.79	17.5	0
20	QPSK	1	99	16.91	16.88	16.83		
20	QPSK	50	0	16.78	16.92	16.69		
20	QPSK	50	24	16.79	16.86	16.79	17.5	0
20	QPSK	50	50	16.72	16.75	16.89		
20	QPSK	100	0	16.85	16.90	16.84		
20	16QAM	1	0	16.86	16.83	16.73		
20	16QAM	1	49	16.96	16.91	16.79	17.5	0
20	16QAM	1	99	16.97	16.87	16.84		
20	16QAM	50	0	16.73	16.86	16.92		
20	16QAM	50	24	16.71	16.82	16.90	17.5	0
20	16QAM	50	50	16.94	16.77	16.97		
20	16QAM	100	0	16.84	16.82	16.83		
20	64QAM	1	0	16.78	16.85	16.93		
20	64QAM	1	49	16.90	16.91	16.88	17.5	0
20	64QAM	1	99	16.77	16.82	16.92		
20	64QAM	50	0	16.71	16.95	16.96		
20	64QAM	50	24	16.89	16.88	16.90	17.5	0
20	64QAM	50	50	16.80	16.71	16.88		
20	64QAM	100	0	16.79	16.92	16.77		
20	256QAM	1	0	16.89	16.91	16.77		
20	256QAM	1	49	16.68	16.75	16.67	17.5	0
20	256QAM	1	99	16.83	16.71	16.71		
20	256QAM	50	0	16.63	16.76	16.65		
20	256QAM	50	24	16.67	16.83	16.68	17.5	0
20	256QAM	50	50	16.68	16.73	16.81		
20	256QAM	100	0	16.80	16.80	16.78		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.92	16.79	16.84		
15	QPSK	1	37	16.75	16.74	16.69	17.5	0
15	QPSK	1	74	16.85	16.72	16.64		
15	QPSK	36	0	16.73	16.73	16.58		
15	QPSK	36	20	16.67	16.80	16.72	17.5	0
15	QPSK	36	39	16.62	16.67	16.75		
15	QPSK	75	0	16.67	16.71	16.79		
15	16QAM	1	0	16.67	16.66	16.53		
15	16QAM	1	37	16.89	16.75	16.64	17.5	0
15	16QAM	1	74	16.91	16.75	16.69		
15	16QAM	36	0	16.61	16.77	16.83		
15	16QAM	36	20	16.70	16.78	16.81	17.5	0
15	16QAM	36	39	16.79	16.62	16.88		
15	16QAM	75	0	16.64	16.78	16.76		
15	64QAM	1	0	16.76	16.72	16.87		
15	64QAM	1	37	16.76	16.76	16.79	17.5	0
15	64QAM	1	74	16.76	16.66	16.83		
15	64QAM	36	0	16.56	16.81	16.94		
15	64QAM	36	20	16.76	16.86	16.77	17.5	0
15	64QAM	36	39	16.78	16.51	16.68		
15	64QAM	75	0	16.74	16.88	16.62		
15	256QAM	1	0	16.75	16.83	16.75		
15	256QAM	1	37	16.80	16.78	16.73	17.5	0
15	256QAM	1	74	16.77	16.71	16.78		
15	256QAM	36	0	16.74	16.82	16.55		
15	256QAM	36	20	16.69	16.81	16.71	17.5	0
15	256QAM	36	39	16.69	16.65	16.84		
15	256QAM	75	0	16.74	16.72	16.79		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.75	16.80	16.76		
10	QPSK	1	25	16.70	16.69	16.68	17.5	0
10	QPSK	1	49	16.90	16.78	16.69		
10	QPSK	25	0	16.73	16.73	16.59		
10	QPSK	25	12	16.63	16.71	16.78	17.5	0
10	QPSK	25	25	16.59	16.62	16.75		
10	QPSK	50	0	16.78	16.85	16.65		
10	16QAM	1	0	16.82	16.71	16.65		
10	16QAM	1	25	16.86	16.85	16.71	17.5	0
10	16QAM	1	49	16.91	16.80	16.69		
10	16QAM	25	0	16.57	16.78	16.75		
10	16QAM	25	12	16.70	16.67	16.82	17.5	0
10	16QAM	25	25	16.86	16.72	16.96		
10	16QAM	50	0	16.84	16.79	16.66		
10	64QAM	1	0	16.72	16.78	16.79		
10	64QAM	1	25	16.87	16.85	16.74	17.5	0
10	64QAM	1	49	16.59	16.67	16.73		
10	64QAM	25	0	16.68	16.89	16.79		
10	64QAM	25	12	16.79	16.80	16.79	17.5	0
10	64QAM	25	25	16.62	16.52	16.81		
10	64QAM	50	0	16.74	16.76	16.58		
10	256QAM	1	0	16.84	16.89	16.71		
10	256QAM	1	25	16.68	16.78	16.70	17.5	0
10	256QAM	1	49	16.87	16.80	16.70		
10	256QAM	25	0	16.60	16.85	16.63		
10	256QAM	25	12	16.68	16.68	16.71	17.5	0
10	256QAM	25	25	16.56	16.64	16.83		
10	256QAM	50	0	16.70	16.87	16.75		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.86	16.97	16.81		
5	QPSK	1	12	16.74	16.77	16.67	17.5	0
5	QPSK	1	24	16.81	16.85	16.64		
5	QPSK	12	0	16.72	16.87	16.58		
5	QPSK	12	7	16.59	16.80	16.73	17.5	0
5	QPSK	12	13	16.67	16.68	16.82		
5	QPSK	25	0	16.74	16.87	16.83		
5	16QAM	1	0	16.75	16.67	16.58		
5	16QAM	1	12	16.79	16.84	16.67	17.5	0
5	16QAM	1	24	16.81	16.74	16.74		
5	16QAM	12	0	16.58	16.69	16.85		
5	16QAM	12	7	16.67	16.64	16.81	17.5	0
5	16QAM	12	13	16.78	16.75	16.83		
5	16QAM	25	0	16.82	16.76	16.70		
5	64QAM	1	0	16.61	16.65	16.85		
5	64QAM	1	12	16.72	16.79	16.69	17.5	0
5	64QAM	1	24	16.71	16.71	16.89		
5	64QAM	12	0	16.67	16.75	16.90		
5	64QAM	12	7	16.87	16.85	16.73	17.5	0
5	64QAM	12	13	16.61	16.62	16.80		
5	64QAM	25	0	16.76	16.83	16.66		
5	256QAM	1	0	16.79	16.90	16.74		
5	256QAM	1	12	16.76	16.75	16.72	17.5	0
5	256QAM	1	24	16.87	16.76	16.68		
5	256QAM	12	0	16.75	16.80	16.67		
5	256QAM	12	7	16.62	16.84	16.65	17.5	0
5	256QAM	12	13	16.58	16.66	16.73		
5	256QAM	25	0	16.74	16.81	16.68		
Channel				131962	132322	132627	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.84	16.84	16.69		
3	QPSK	1	8	16.81	16.71	16.64	17.5	0
3	QPSK	1	14	16.87	16.76	16.75		
3	QPSK	8	0	16.74	16.79	16.67		
3	QPSK	8	4	16.62	16.74	16.74	17.5	0
3	QPSK	8	7	16.57	16.64	16.85		
3	QPSK	15	0	16.69	16.86	16.64		
3	16QAM	1	0	16.73	16.72	16.70		
3	16QAM	1	8	16.84	16.84	16.72	17.5	0
3	16QAM	1	14	16.77	16.81	16.65		
3	16QAM	8	0	16.61	16.67	16.86		
3	16QAM	8	4	16.57	16.74	16.78	17.5	0
3	16QAM	8	7	16.78	16.60	16.83		
3	16QAM	15	0	16.82	16.65	16.82		
3	64QAM	1	0	16.67	16.75	16.76		
3	64QAM	1	8	16.79	16.87	16.67	17.5	0
3	64QAM	1	14	16.69	16.81	16.81		
3	64QAM	8	0	16.65	16.93	16.89		
3	64QAM	8	4	16.77	16.84	16.81	17.5	0
3	64QAM	8	7	16.68	16.70	16.73		
3	64QAM	15	0	16.60	16.73	16.72		
3	256QAM	1	0	16.80	16.82	16.76		
3	256QAM	1	8	16.68	16.79	16.74	17.5	0
3	256QAM	1	14	16.84	16.71	16.67		
3	256QAM	8	0	16.69	16.80	16.61		
3	256QAM	8	4	16.75	16.74	16.64	17.5	0
3	256QAM	8	7	16.61	16.61	16.83		
3	256QAM	15	0	16.67	16.82	16.75		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.86	16.84	16.78		
1.4	QPSK	1	3	16.69	16.84	16.63		
1.4	QPSK	1	5	16.90	16.73	16.68	17.5	0
1.4	QPSK	3	0	16.74	16.77	16.64		
1.4	QPSK	3	1	16.73	16.67	16.70		
1.4	QPSK	3	3	16.72	16.62	16.77		
1.4	QPSK	6	0	16.67	16.90	16.80	17.5	0
1.4	16QAM	1	0	16.81	16.64	16.58		
1.4	16QAM	1	3	16.80	16.82	16.75		
1.4	16QAM	1	5	16.91	16.71	16.67	17.5	0
1.4	16QAM	3	0	16.70	16.81	16.73		
1.4	16QAM	3	1	16.62	16.76	16.71		
1.4	16QAM	3	3	16.84	16.63	16.89		
1.4	16QAM	6	0	16.76	16.76	16.69	17.5	0
1.4	64QAM	1	0	16.66	16.70	16.85		
1.4	64QAM	1	3	16.74	16.72	16.75		
1.4	64QAM	1	5	16.71	16.69	16.81	17.5	0
1.4	64QAM	3	0	16.52	16.78	16.93		
1.4	64QAM	3	1	16.72	16.79	16.78		
1.4	64QAM	3	3	16.78	16.62	16.81		
1.4	64QAM	6	0	16.62	16.86	16.73	17.5	0
1.4	256QAM	1	0	16.74	16.87	16.77		
1.4	256QAM	1	3	16.69	16.78	16.73		
1.4	256QAM	1	5	16.78	16.86	16.67	17.5	0
1.4	256QAM	3	0	16.61	16.87	16.66		
1.4	256QAM	3	1	16.68	16.77	16.62		
1.4	256QAM	3	3	16.58	16.64	16.86		
1.4	256QAM	6	0	16.71	16.74	16.72	17.5	0

Band 66 Ant 4 DSI3 sig path:453

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.87	16.95	16.83		
20	QPSK	1	49	16.78	16.87	16.87	17.5	0
20	QPSK	1	99	16.82	16.88	16.86		
20	QPSK	50	0	16.91	16.93	16.89		
20	QPSK	50	24	16.87	16.88	16.85	17.5	0
20	QPSK	50	50	16.89	16.76	16.88		
20	QPSK	100	0	16.81	16.90	16.83		
20	16QAM	1	0	16.80	16.83	16.77		
20	16QAM	1	49	16.84	16.83	16.92	17.5	0
20	16QAM	1	99	16.79	16.93	16.89		
20	16QAM	50	0	16.74	16.80	16.88		
20	16QAM	50	24	16.86	16.81	16.88	17.5	0
20	16QAM	50	50	16.89	16.73	16.85		
20	16QAM	100	0	16.87	16.87	16.90		
20	64QAM	1	0	16.94	16.93	16.91		
20	64QAM	1	49	16.87	16.80	16.79	17.5	0
20	64QAM	1	99	16.84	16.89	16.90		
20	64QAM	50	0	16.75	16.77	16.82		
20	64QAM	50	24	16.91	16.92	16.87	17.5	0
20	64QAM	50	50	16.90	16.84	16.85		
20	64QAM	100	0	16.77	16.94	16.87		
20	256QAM	1	0	16.73	16.89	16.71		
20	256QAM	1	49	16.71	16.75	16.73	17.5	0
20	256QAM	1	99	16.72	16.73	16.75		
20	256QAM	50	0	16.81	16.85	16.74		
20	256QAM	50	24	16.76	16.75	16.78	17.5	0
20	256QAM	50	50	16.84	16.61	16.78		
20	256QAM	100	0	16.71	16.84	16.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.84	16.90	16.72		
15	QPSK	1	37	16.66	16.84	16.72	17.5	0
15	QPSK	1	74	16.75	16.71	16.70		
15	QPSK	36	0	16.72	16.92	16.84		
15	QPSK	36	20	16.72	16.75	16.77	17.5	0
15	QPSK	36	39	16.76	16.65	16.82		
15	QPSK	75	0	16.71	16.87	16.73		
15	16QAM	1	0	16.70	16.81	16.59		
15	16QAM	1	37	16.82	16.70	16.74	17.5	0
15	16QAM	1	74	16.67	16.91	16.74		
15	16QAM	36	0	16.70	16.77	16.70		
15	16QAM	36	20	16.79	16.64	16.82	17.5	0
15	16QAM	36	39	16.76	16.53	16.72		
15	16QAM	75	0	16.72	16.80	16.75		
15	64QAM	1	0	16.87	16.76	16.72		
15	64QAM	1	37	16.69	16.68	16.65	17.5	0
15	64QAM	1	74	16.74	16.89	16.89		
15	64QAM	36	0	16.58	16.60	16.69		
15	64QAM	36	20	16.84	16.84	16.72	17.5	0
15	64QAM	36	39	16.74	16.69	16.68		
15	64QAM	75	0	16.63	16.75	16.69		
15	256QAM	1	0	16.81	16.83	16.75		
15	256QAM	1	37	16.75	16.76	16.83	17.5	0
15	256QAM	1	74	16.77	16.71	16.78		
15	256QAM	36	0	16.77	16.84	16.78		
15	256QAM	36	20	16.82	16.76	16.72	17.5	0
15	256QAM	36	39	16.74	16.67	16.71		
15	256QAM	75	0	16.74	16.85	16.70		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.84	16.94	16.72		
10	QPSK	1	25	16.63	16.73	16.68	17.5	0
10	QPSK	1	49	16.74	16.80	16.82		
10	QPSK	25	0	16.77	16.75	16.69		
10	QPSK	25	12	16.73	16.87	16.80	17.5	0
10	QPSK	25	25	16.86	16.73	16.78		
10	QPSK	50	0	16.78	16.77	16.78		
10	16QAM	1	0	16.60	16.78	16.59		
10	16QAM	1	25	16.79	16.65	16.74	17.5	0
10	16QAM	1	49	16.70	16.87	16.77		
10	16QAM	25	0	16.57	16.65	16.74		
10	16QAM	25	12	16.67	16.71	16.86	17.5	0
10	16QAM	25	25	16.86	16.63	16.86		
10	16QAM	50	0	16.71	16.83	16.79		
10	64QAM	1	0	16.88	16.91	16.82		
10	64QAM	1	25	16.80	16.76	16.60	17.5	0
10	64QAM	1	49	16.69	16.85	16.84		
10	64QAM	25	0	16.74	16.64	16.64		
10	64QAM	25	12	16.88	16.85	16.70	17.5	0
10	64QAM	25	25	16.79	16.73	16.66		
10	64QAM	50	0	16.62	16.85	16.84		
10	256QAM	1	0	16.83	16.79	16.70		
10	256QAM	1	25	16.68	16.84	16.83	17.5	0
10	256QAM	1	49	16.72	16.74	16.78		
10	256QAM	25	0	16.75	16.84	16.82		
10	256QAM	25	12	16.76	16.75	16.79	17.5	0
10	256QAM	25	25	16.78	16.71	16.80		
10	256QAM	50	0	16.76	16.79	16.80		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.86	16.83	16.64		
5	QPSK	1	12	16.71	16.67	16.86	17.5	0
5	QPSK	1	24	16.70	16.68	16.81		
5	QPSK	12	0	16.68	16.89	16.84		
5	QPSK	12	7	16.76	16.82	16.70	17.5	0
5	QPSK	12	13	16.70	16.72	16.84		
5	QPSK	25	0	16.65	16.71	16.80		
5	16QAM	1	0	16.64	16.69	16.64		
5	16QAM	1	12	16.79	16.67	16.82	17.5	0
5	16QAM	1	24	16.69	16.80	16.71		
5	16QAM	12	0	16.54	16.63	16.77		
5	16QAM	12	7	16.81	16.68	16.70	17.5	0
5	16QAM	12	13	16.80	16.68	16.77		
5	16QAM	25	0	16.71	16.70	16.84		
5	64QAM	1	0	16.77	16.77	16.83		
5	64QAM	1	12	16.70	16.63	16.59	17.5	0
5	64QAM	1	24	16.77	16.70	16.86		
5	64QAM	12	0	16.71	16.74	16.67		
5	64QAM	12	7	16.87	16.75	16.84	17.5	0
5	64QAM	12	13	16.88	16.75	16.75		
5	64QAM	25	0	16.67	16.84	16.71		
5	256QAM	1	0	16.85	16.82	16.78		
5	256QAM	1	12	16.64	16.70	16.70	17.5	0
5	256QAM	1	24	16.64	16.80	16.76		
5	256QAM	12	0	16.78	16.81	16.77		
5	256QAM	12	7	16.71	16.82	16.74	17.5	0
5	256QAM	12	13	16.84	16.73	16.83		
5	256QAM	25	0	16.71	16.83	16.68		
Channel				131962	132322	132627	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.72	16.85	16.72		
3	QPSK	1	8	16.76	16.78	16.71	17.5	0
3	QPSK	1	14	16.79	16.78	16.67		
3	QPSK	8	0	16.89	16.79	16.82		
3	QPSK	8	4	16.72	16.77	16.83	17.5	0
3	QPSK	8	7	16.75	16.62	16.75		
3	QPSK	15	0	16.69	16.78	16.80		
3	16QAM	1	0	16.69	16.75	16.58		
3	16QAM	1	8	16.77	16.65	16.91	17.5	0
3	16QAM	1	14	16.68	16.89	16.71		
3	16QAM	8	0	16.67	16.76	16.81		
3	16QAM	8	4	16.73	16.69	16.80	17.5	0
3	16QAM	8	7	16.84	16.64	16.74		
3	16QAM	15	0	16.83	16.81	16.72		
3	64QAM	1	0	16.89	16.74	16.81		
3	64QAM	1	8	16.85	16.64	16.76	17.5	0
3	64QAM	1	14	16.71	16.80	16.74		
3	64QAM	8	0	16.74	16.77	16.68		
3	64QAM	8	4	16.84	16.90	16.71	17.5	0
3	64QAM	8	7	16.73	16.69	16.84		
3	64QAM	15	0	16.69	16.93	16.86		
3	256QAM	1	0	16.84	16.84	16.80		
3	256QAM	1	8	16.68	16.81	16.83	17.5	0
3	256QAM	1	14	16.84	16.80	16.68		
3	256QAM	8	0	16.78	16.87	16.85		
3	256QAM	8	4	16.84	16.81	16.80	17.5	0
3	256QAM	8	7	16.83	16.64	16.71		
3	256QAM	15	0	16.78	16.75	16.71		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.72	16.86	16.63		
1.4	QPSK	1	3	16.61	16.78	16.75		
1.4	QPSK	1	5	16.62	16.77	16.79	17.5	0
1.4	QPSK	3	0	16.81	16.93	16.87		
1.4	QPSK	3	1	16.69	16.84	16.79		
1.4	QPSK	3	3	16.79	16.69	16.83		
1.4	QPSK	6	0	16.69	16.87	16.75	17.5	0
1.4	16QAM	1	0	16.74	16.65	16.76		
1.4	16QAM	1	3	16.65	16.81	16.87		
1.4	16QAM	1	5	16.67	16.90	16.77	17.5	0
1.4	16QAM	3	0	16.54	16.78	16.69		
1.4	16QAM	3	1	16.73	16.61	16.69		
1.4	16QAM	3	3	16.75	16.66	16.73		
1.4	16QAM	6	0	16.77	16.75	16.81	17.5	0
1.4	64QAM	1	0	16.84	16.83	16.79		
1.4	64QAM	1	3	16.76	16.66	16.78		
1.4	64QAM	1	5	16.75	16.83	16.81	17.5	0
1.4	64QAM	3	0	16.73	16.74	16.64		
1.4	64QAM	3	1	16.76	16.83	16.75		
1.4	64QAM	3	3	16.82	16.71	16.72		
1.4	64QAM	6	0	16.68	16.81	16.86	17.5	0
1.4	256QAM	1	0	16.76	16.86	16.67		
1.4	256QAM	1	3	16.67	16.82	16.71		
1.4	256QAM	1	5	16.71	16.84	16.70	17.5	0
1.4	256QAM	3	0	16.83	16.87	16.76		
1.4	256QAM	3	1	16.77	16.81	16.77		
1.4	256QAM	3	3	16.76	16.62	16.76		
1.4	256QAM	6	0	16.64	16.75	16.71	17.5	0

Reduced Power Mode for Other PA DSI3 UL CA

Band 2 Ant 0 DSI3 sig path:44

BW [MHz]	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	12.58	12.62	12.42	13.5	0
20	QPSK	1	49	12.29	12.45	12.52		
20	QPSK	1	99	12.33	12.39	12.51		
20	QPSK	50	0	12.45	12.56	12.32	13.5	0
20	QPSK	50	24	12.46	12.51	12.47		
20	QPSK	50	50	12.41	12.50	12.42		
20	QPSK	100	0	12.50	12.52	12.37		
20	16QAM	1	0	12.54	12.52	12.49	13.5	0
20	16QAM	1	49	12.43	12.45	12.52		
20	16QAM	1	99	12.42	12.45	12.44		
20	16QAM	50	0	12.42	12.44	12.43	13.5	0
20	16QAM	50	24	12.50	12.54	12.36		
20	16QAM	50	50	12.45	12.32	12.47		
20	16QAM	100	0	12.56	12.47	12.35		
20	64QAM	1	0	12.37	12.41	12.50	13.5	0
20	64QAM	1	49	12.52	12.51	12.47		
20	64QAM	1	99	12.42	12.41	12.41		
20	64QAM	50	0	12.47	12.60	12.47	13.5	0
20	64QAM	50	24	12.39	12.40	12.43		
20	64QAM	50	50	12.56	12.42	12.47		
20	64QAM	100	0	12.45	12.46	12.48		
20	256QAM	1	0	12.46	12.53	12.39	13.5	0
20	256QAM	1	49	12.43	12.48	12.53		
20	256QAM	1	99	12.48	12.39	12.57		
20	256QAM	50	0	12.31	12.52	12.56	13.5	0
20	256QAM	50	24	12.39	12.42	12.45		
20	256QAM	50	50	12.31	12.45	12.55		
20	256QAM	100	0	12.46	12.49	12.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	12.43	12.40	12.36	13.5	0
15	QPSK	1	37	12.27	12.48	12.39		
15	QPSK	1	74	12.34	12.28	12.24		
15	QPSK	36	0	12.29	12.40	12.21	13.5	0
15	QPSK	36	20	12.24	12.45	12.34		
15	QPSK	36	39	12.49	12.44	12.33		
15	QPSK	75	0	12.20	12.31	12.35		
15	16QAM	1	0	12.32	12.37	12.43	13.5	0
15	16QAM	1	37	12.44	12.18	12.57		
15	16QAM	1	74	12.38	12.42	12.29		
15	16QAM	36	0	12.39	12.39	12.33	13.5	0
15	16QAM	36	20	12.45	12.43	12.43		
15	16QAM	36	39	12.45	12.12	12.33		
15	16QAM	75	0	12.38	12.38	12.42		
15	64QAM	1	0	12.24	12.32	12.40	13.5	0
15	64QAM	1	37	12.45	12.36	12.25		
15	64QAM	1	74	12.26	12.32	12.27		
15	64QAM	36	0	12.25	12.43	12.48	13.5	0
15	64QAM	36	20	12.21	12.19	12.34		
15	64QAM	36	39	12.33	12.34	12.30		
15	64QAM	75	0	12.44	12.34	12.27		
15	256QAM	1	0	12.40	12.44	12.33	13.5	0
15	256QAM	1	37	12.30	12.47	12.47		
15	256QAM	1	74	12.48	12.24	12.50		
15	256QAM	36	0	12.19	12.51	12.43	13.5	0
15	256QAM	36	20	12.48	12.28	12.37		
15	256QAM	36	39	12.16	12.35	12.49		
15	256QAM	75	0	12.42	12.37	12.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	12.40	12.51	12.32	13.5	0
10	QPSK	1	25	12.15	12.37	12.36		
10	QPSK	1	49	12.27	12.42	12.48		
10	QPSK	25	0	12.19	12.43	12.26	13.5	0
10	QPSK	25	12	12.25	12.39	12.26		
10	QPSK	25	25	12.30	12.41	12.29		
10	QPSK	50	0	12.37	12.44	12.21	13.5	0
10	16QAM	1	0	12.41	12.40	12.48		
10	16QAM	1	25	12.39	12.37	12.52		
10	16QAM	1	49	12.23	12.42	12.30		
10	16QAM	25	0	12.34	12.28	12.38	13.5	0
10	16QAM	25	12	12.32	12.36	12.32		
10	16QAM	25	25	12.35	12.23	12.36		
10	16QAM	50	0	12.41	12.33	12.37	13.5	0
10	64QAM	1	0	12.35	12.35	12.34		
10	64QAM	1	25	12.37	12.41	12.35		
10	64QAM	1	49	12.15	12.28	12.28		
10	64QAM	25	0	12.34	12.37	12.23	13.5	0
10	64QAM	25	12	12.26	12.40	12.34		
10	64QAM	25	25	12.52	12.17	12.51		
10	64QAM	50	0	12.27	12.42	12.33	13.5	0
10	256QAM	1	0	12.30	12.41	12.26		
10	256QAM	1	25	12.36	12.28	12.40		
10	256QAM	1	49	12.44	12.38	12.53		
10	256QAM	25	0	12.20	12.39	12.41	13.5	0
10	256QAM	25	12	12.43	12.37	12.50		
10	256QAM	25	25	12.25	12.32	12.46		
10	256QAM	50	0	12.42	12.53	12.47		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	12.46	12.46	12.27	13.5	0
5	QPSK	1	12	12.15	12.42	12.31		
5	QPSK	1	24	12.26	12.34	12.43		
5	QPSK	12	0	12.29	12.47	12.29	13.5	0
5	QPSK	12	7	12.32	12.42	12.29		
5	QPSK	12	13	12.43	12.37	12.22		
5	QPSK	25	0	12.40	12.41	12.19		
5	16QAM	1	0	12.50	12.35	12.32	13.5	0
5	16QAM	1	12	12.49	12.36	12.51		
5	16QAM	1	24	12.36	12.36	12.34		
5	16QAM	12	0	12.42	12.42	12.38	13.5	0
5	16QAM	12	7	12.36	12.33	12.41		
5	16QAM	12	13	12.25	12.30	12.30		
5	16QAM	25	0	12.52	12.41	12.42		
5	64QAM	1	0	12.28	12.20	12.39	13.5	0
5	64QAM	1	12	12.31	12.32	12.28		
5	64QAM	1	24	12.28	12.46	12.34		
5	64QAM	12	0	12.37	12.57	12.23	13.5	0
5	64QAM	12	7	12.20	12.37	12.39		
5	64QAM	12	13	12.45	12.35	12.35		
5	64QAM	25	0	12.27	12.44	12.40	13.5	0
5	256QAM	1	0	12.41	12.27	12.30		
5	256QAM	1	12	12.42	12.31	12.45		
5	256QAM	1	24	12.31	12.38	12.49		
5	256QAM	12	0	12.30	12.43	12.42	13.5	0
5	256QAM	12	7	12.28	12.30	12.44		
5	256QAM	12	13	12.32	12.25	12.49		
5	256QAM	25	0	12.40	12.56	12.43		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	12.50	12.49	12.45	13.5	0
3	QPSK	1	8	12.15	12.29	12.30		
3	QPSK	1	14	12.28	12.35	12.41		
3	QPSK	8	0	12.26	12.41	12.26	13.5	0
3	QPSK	8	4	12.20	12.31	12.29		
3	QPSK	8	7	12.41	12.23	12.32		
3	QPSK	15	0	12.26	12.44	12.28	13.5	0
3	16QAM	1	0	12.47	12.35	12.29		
3	16QAM	1	8	12.27	12.33	12.58		
3	16QAM	1	14	12.18	12.42	12.33		
3	16QAM	8	0	12.35	12.38	12.38	13.5	0
3	16QAM	8	4	12.32	12.40	12.33		
3	16QAM	8	7	12.41	12.32	12.33		
3	16QAM	15	0	12.37	12.31	12.31	13.5	0
3	64QAM	1	0	12.30	12.34	12.48		
3	64QAM	1	8	12.30	12.38	12.42		
3	64QAM	1	14	12.17	12.29	12.36	13.5	0
3	64QAM	8	0	12.38	12.39	12.38		
3	64QAM	8	4	12.11	12.38	12.23		
3	64QAM	8	7	12.50	12.38	12.35		
3	64QAM	15	0	12.31	12.28	12.34	13.5	0
3	256QAM	1	0	12.31	12.28	12.30		
3	256QAM	1	8	12.32	12.33	12.37		
3	256QAM	1	14	12.39	12.30	12.42	13.5	0
3	256QAM	8	0	12.33	12.39	12.41		
3	256QAM	8	4	12.27	12.30	12.54		
3	256QAM	8	7	12.20	12.30	12.50	13.5	0
3	256QAM	15	0	12.37	12.51	12.48		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	12.45	12.45	12.29	13.5	0
1.4	QPSK	1	3	12.10	12.37	12.40		
1.4	QPSK	1	5	12.43	12.31	12.32		
1.4	QPSK	3	0	12.39	12.36	12.21		
1.4	QPSK	3	1	12.24	12.41	12.21		
1.4	QPSK	3	3	12.32	12.37	12.34		
1.4	QPSK	6	0	12.25	12.37	12.30	13.5	0
1.4	16QAM	1	0	12.53	12.29	12.33	13.5	0
1.4	16QAM	1	3	12.40	12.25	12.40		
1.4	16QAM	1	5	12.34	12.35	12.38		
1.4	16QAM	3	0	12.39	12.36	12.39		
1.4	16QAM	3	1	12.41	12.46	12.43		
1.4	16QAM	3	3	12.29	12.17	12.44		
1.4	16QAM	6	0	12.39	12.45	12.24	13.5	0
1.4	64QAM	1	0	12.28	12.42	12.39	13.5	0
1.4	64QAM	1	3	12.28	12.44	12.32		
1.4	64QAM	1	5	12.21	12.38	12.25		
1.4	64QAM	3	0	12.39	12.44	12.39		
1.4	64QAM	3	1	12.24	12.26	12.19		
1.4	64QAM	3	3	12.47	12.23	12.28		
1.4	64QAM	6	0	12.37	12.39	12.32	13.5	0
1.4	256QAM	1	0	12.32	12.41	12.37	13.5	0
1.4	256QAM	1	3	12.47	12.45	12.35		
1.4	256QAM	1	5	12.32	12.29	12.50		
1.4	256QAM	3	0	12.12	12.40	12.41		
1.4	256QAM	3	1	12.33	12.37	12.33		
1.4	256QAM	3	3	12.33	12.33	12.47		
1.4	256QAM	6	0	12.28	12.44	12.47	13.5	0

Band 2 Ant 0 DSI3 sig path:456

BW [MHz]	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	12.52	12.61	12.60	13.5	0
20	QPSK	1	49	12.48	12.51	12.48		
20	QPSK	1	99	12.29	12.35	12.37		
20	QPSK	50	0	12.49	12.53	12.41	13.5	0
20	QPSK	50	24	12.30	12.47	12.45		
20	QPSK	50	50	12.44	12.51	12.31		
20	QPSK	100	0	12.41	12.45	12.41		
20	16QAM	1	0	12.38	12.57	12.44	13.5	0
20	16QAM	1	49	12.50	12.34	12.51		
20	16QAM	1	99	12.44	12.42	12.45		
20	16QAM	50	0	12.42	12.38	12.52	13.5	0
20	16QAM	50	24	12.42	12.40	12.53		
20	16QAM	50	50	12.46	12.41	12.40		
20	16QAM	100	0	12.39	12.47	12.41		
20	64QAM	1	0	12.54	12.53	12.32	13.5	0
20	64QAM	1	49	12.43	12.54	12.36		
20	64QAM	1	99	12.36	12.50	12.52		
20	64QAM	50	0	12.47	12.47	12.47	13.5	0
20	64QAM	50	24	12.36	12.33	12.47		
20	64QAM	50	50	12.36	12.44	12.47		
20	64QAM	100	0	12.44	12.32	12.46	13.5	0
20	256QAM	1	0	12.38	12.40	12.34		
20	256QAM	1	49	12.38	12.40	12.52		
20	256QAM	1	99	12.45	12.48	12.34	13.5	0
20	256QAM	50	0	12.50	12.52	12.46		
20	256QAM	50	24	12.47	12.47	12.50		
20	256QAM	50	50	12.41	12.38	12.32		
20	256QAM	100	0	12.33	12.48	12.54		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	12.40	12.60	12.38	13.5	0
15	QPSK	1	37	12.25	12.35	12.47		
15	QPSK	1	74	12.13	12.18	12.18		
15	QPSK	36	0	12.38	12.41	12.30	13.5	0
15	QPSK	36	20	12.17	12.27	12.37		
15	QPSK	36	39	12.32	12.45	12.29		
15	QPSK	75	0	12.37	12.45	12.15		
15	16QAM	1	0	12.28	12.40	12.39	13.5	0
15	16QAM	1	37	12.40	12.34	12.48		
15	16QAM	1	74	12.28	12.35	12.43		
15	16QAM	36	0	12.31	12.29	12.35	13.5	0
15	16QAM	36	20	12.35	12.32	12.48		
15	16QAM	36	39	12.49	12.36	12.22		
15	16QAM	75	0	12.38	12.27	12.25		
15	64QAM	1	0	12.45	12.34	12.25	13.5	0
15	64QAM	1	37	12.38	12.33	12.29		
15	64QAM	1	74	12.38	12.36	12.43		
15	64QAM	36	0	12.41	12.32	12.38	13.5	0
15	64QAM	36	20	12.24	12.28	12.31		
15	64QAM	36	39	12.17	12.34	12.28		
15	64QAM	75	0	12.41	12.17	12.40		
15	256QAM	1	0	12.24	12.43	12.35	13.5	0
15	256QAM	1	37	12.32	12.42	12.55		
15	256QAM	1	74	12.41	12.43	12.36		
15	256QAM	36	0	12.38	12.47	12.38	13.5	0
15	256QAM	36	20	12.29	12.34	12.45		
15	256QAM	36	39	12.25	12.39	12.29		
15	256QAM	75	0	12.38	12.41	12.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	12.47	12.50	12.45	13.5	0
10	QPSK	1	25	12.36	12.34	12.34		
10	QPSK	1	49	12.21	12.33	12.13		
10	QPSK	25	0	12.50	12.52	12.32	13.5	0
10	QPSK	25	12	12.12	12.24	12.55		
10	QPSK	25	25	12.29	12.45	12.19		
10	QPSK	50	0	12.28	12.36	12.23	13.5	0
10	16QAM	1	0	12.18	12.41	12.51		
10	16QAM	1	25	12.47	12.22	12.41		
10	16QAM	1	49	12.39	12.24	12.47		
10	16QAM	25	0	12.25	12.39	12.34	13.5	0
10	16QAM	25	12	12.29	12.38	12.37		
10	16QAM	25	25	12.28	12.28	12.33		
10	16QAM	50	0	12.28	12.38	12.33	13.5	0
10	64QAM	1	0	12.25	12.47	12.22		
10	64QAM	1	25	12.32	12.41	12.28		
10	64QAM	1	49	12.39	12.47	12.45		
10	64QAM	25	0	12.44	12.24	12.23	13.5	0
10	64QAM	25	12	12.20	12.26	12.29		
10	64QAM	25	25	12.34	12.43	12.36		
10	64QAM	50	0	12.42	12.16	12.47	13.5	0
10	256QAM	1	0	12.32	12.24	12.29		
10	256QAM	1	25	12.29	12.25	12.45		
10	256QAM	1	49	12.49	12.31	12.20		
10	256QAM	25	0	12.32	12.44	12.36	13.5	0
10	256QAM	25	12	12.52	12.32	12.47		
10	256QAM	25	25	12.31	12.43	12.13		
10	256QAM	50	0	12.30	12.39	12.47	13.5	0
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	12.42	12.50	12.43	13.5	0
5	QPSK	1	12	12.41	12.34	12.23		
5	QPSK	1	24	12.02	12.30	12.25		
5	QPSK	12	0	12.49	12.46	12.31	13.5	0
5	QPSK	12	7	12.27	12.38	12.35		
5	QPSK	12	13	12.38	12.49	12.25		
5	QPSK	25	0	12.18	12.41	12.18	13.5	0
5	16QAM	1	0	12.21	12.42	12.30		
5	16QAM	1	12	12.46	12.27	12.36		
5	16QAM	1	24	12.36	12.28	12.48		
5	16QAM	12	0	12.31	12.34	12.50	13.5	0
5	16QAM	12	7	12.38	12.38	12.49		
5	16QAM	12	13	12.46	12.17	12.25		
5	16QAM	25	0	12.28	12.33	12.20	13.5	0
5	64QAM	1	0	12.41	12.40	12.20		
5	64QAM	1	12	12.28	12.32	12.26		
5	64QAM	1	24	12.28	12.30	12.39		
5	64QAM	12	0	12.31	12.36	12.37	13.5	0
5	64QAM	12	7	12.32	12.11	12.40		
5	64QAM	12	13	12.28	12.43	12.43		
5	64QAM	25	0	12.33	12.26	12.27	13.5	0
5	256QAM	1	0	12.32	12.36	12.30		
5	256QAM	1	12	12.24	12.25	12.49		
5	256QAM	1	24	12.30	12.30	12.27		
5	256QAM	12	0	12.34	12.52	12.35	13.5	0
5	256QAM	12	7	12.38	12.36	12.40		
5	256QAM	12	13	12.34	12.36	12.32		
5	256QAM	25	0	12.27	12.37	12.38	13.5	0
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	12.44	12.41	12.32	13.5	0
3	QPSK	1	8	12.42	12.48	12.28		
3	QPSK	1	14	12.25	12.37	12.28		
3	QPSK	8	0	12.33	12.49	12.31	13.5	0
3	QPSK	8	4	12.13	12.37	12.41		
3	QPSK	8	7	12.29	12.51	12.16		
3	QPSK	15	0	12.23	12.32	12.28	13.5	0
3	16QAM	1	0	12.36	12.41	12.23		
3	16QAM	1	8	12.33	12.18	12.56		
3	16QAM	1	14	12.25	12.24	12.41		
3	16QAM	8	0	12.29	12.48	12.37	13.5	0
3	16QAM	8	4	12.33	12.26	12.55		
3	16QAM	8	7	12.40	12.15	12.15		
3	16QAM	15	0	12.39	12.46	12.32	13.5	0
3	64QAM	1	0	12.34	12.31	12.14		
3	64QAM	1	8	12.23	12.50	12.32		
3	64QAM	1	14	12.39	12.20	12.48		
3	64QAM	8	0	12.46	12.41	12.32	13.5	0
3	64QAM	8	4	12.30	12.11	12.47		
3	64QAM	8	7	12.25	12.34	12.37		
3	64QAM	15	0	12.51	12.22	12.35	13.5	0
3	256QAM	1	0	12.38	12.39	12.29		
3	256QAM	1	8	12.27	12.47	12.48		
3	256QAM	1	14	12.45	12.32	12.19	13.5	0
3	256QAM	8	0	12.32	12.53	12.37		
3	256QAM	8	4	12.46	12.32	12.46		
3	256QAM	8	7	12.24	12.44	12.22	13.5	0
3	256QAM	15	0	12.18	12.36	12.46		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	12.40	12.44	12.49	13.5	0
1.4	QPSK	1	3	12.34	12.32	12.33		
1.4	QPSK	1	5	12.18	12.20	12.13		
1.4	QPSK	3	0	12.32	12.42	12.33		
1.4	QPSK	3	1	12.26	12.29	12.30		
1.4	QPSK	3	3	12.48	12.42	12.22		
1.4	QPSK	6	0	12.34	12.41	12.38	13.5	0
1.4	16QAM	1	0	12.16	12.40	12.31	13.5	0
1.4	16QAM	1	3	12.34	12.38	12.49		
1.4	16QAM	1	5	12.31	12.31	12.44		
1.4	16QAM	3	0	12.37	12.47	12.40		
1.4	16QAM	3	1	12.33	12.30	12.40		
1.4	16QAM	3	3	12.31	12.16	12.25		
1.4	16QAM	6	0	12.38	12.43	12.22	13.5	0
1.4	64QAM	1	0	12.39	12.32	12.29	13.5	0
1.4	64QAM	1	3	12.39	12.42	12.27		
1.4	64QAM	1	5	12.35	12.35	12.42		
1.4	64QAM	3	0	12.33	12.42	12.30		
1.4	64QAM	3	1	12.33	12.19	12.41		
1.4	64QAM	3	3	12.23	12.34	12.36		
1.4	64QAM	6	0	12.36	12.31	12.44	13.5	0
1.4	256QAM	1	0	12.17	12.27	12.19	13.5	0
1.4	256QAM	1	3	12.31	12.36	12.44		
1.4	256QAM	1	5	12.36	12.18	12.32		
1.4	256QAM	3	0	12.36	12.41	12.28		
1.4	256QAM	3	1	12.49	12.39	12.37		
1.4	256QAM	3	3	12.25	12.35	12.14		
1.4	256QAM	6	0	12.30	12.31	12.28	13.5	0

Band 4 Ant 0 DSI3 sig path:69

BW [MHz]	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	14.60	14.67	14.46	15.5	0
20	QPSK	1	49	14.55	14.58	14.49		
20	QPSK	1	99	14.47	14.46	14.37		
20	QPSK	50	0	14.52	14.63	14.60	15.5	0
20	QPSK	50	24	14.37	14.50	14.49		
20	QPSK	50	50	14.44	14.37	14.43		
20	QPSK	100	0	14.33	14.59	14.43		
20	16QAM	1	0	14.42	14.54

Band 4 Ant 0 DSI3 sig path:452

BW [MHz]	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	14.54	14.68	14.49		
20	QPSK	1	49	14.38	14.45	14.52	15.5	0
20	QPSK	1	99	14.57	14.54	14.44		
20	QPSK	50	0	14.53	14.66	14.48		
20	QPSK	50	24	14.53	14.45	14.60	15.5	0
20	QPSK	50	50	14.37	14.56	14.50		
20	QPSK	100	0	14.49	14.54	14.34		
20	16QAM	1	0	14.46	14.43	14.62		
20	16QAM	1	49	14.59	14.42	14.52	15.5	0
20	16QAM	1	99	14.57	14.47	14.63		
20	16QAM	50	0	14.46	14.44	14.44		
20	16QAM	50	24	14.36	14.43	14.39	15.5	0
20	16QAM	50	50	14.52	14.51	14.62		
20	16QAM	100	0	14.42	14.52	14.48		
20	64QAM	1	0	14.57	14.47	14.57		
20	64QAM	1	49	14.51	14.48	14.46	15.5	0
20	64QAM	1	99	14.53	14.46	14.56		
20	64QAM	50	0	14.42	14.44	14.44		
20	64QAM	50	24	14.44	14.48	14.54	15.5	0
20	64QAM	50	50	14.53	14.49	14.53		
20	64QAM	100	0	14.41	14.62	14.43		
20	256QAM	1	0	14.46	14.57	14.39		
20	256QAM	1	49	14.34	14.39	14.40	15.5	0
20	256QAM	1	99	14.36	14.48	14.27		
20	256QAM	50	0	14.49	14.47	14.35		
20	256QAM	50	24	14.54	14.35	14.53	15.5	0
20	256QAM	50	50	14.30	14.48	14.39		
20	256QAM	100	0	14.36	14.49	14.26		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.36	14.54	14.36		
15	QPSK	1	37	14.21	14.31	14.54	15.5	0
15	QPSK	1	74	14.36	14.51	14.26		
15	QPSK	36	0	14.40	14.49	14.47		
15	QPSK	36	20	14.45	14.38	14.38	15.5	0
15	QPSK	36	39	14.37	14.47	14.36		
15	QPSK	75	0	14.33	14.56	14.26		
15	16QAM	1	0	14.31	14.48	14.44		
15	16QAM	1	37	14.52	14.34	14.48	15.5	0
15	16QAM	1	74	14.58	14.31	14.50		
15	16QAM	36	0	14.35	14.40	14.37		
15	16QAM	36	20	14.16	14.28	14.28	15.5	0
15	16QAM	36	39	14.34	14.31	14.54		
15	16QAM	75	0	14.45	14.50	14.29		
15	64QAM	1	0	14.52	14.49	14.44		
15	64QAM	1	37	14.49	14.36	14.30	15.5	0
15	64QAM	1	74	14.43	14.39	14.47		
15	64QAM	36	0	14.42	14.47	14.20		
15	64QAM	36	20	14.46	14.40	14.41	15.5	0
15	64QAM	36	39	14.50	14.34	14.34		
15	64QAM	75	0	14.31	14.42	14.31		
15	256QAM	1	0	14.58	14.52	14.45		
15	256QAM	1	37	14.42	14.46	14.48	15.5	0
15	256QAM	1	74	14.47	14.45	14.28		
15	256QAM	36	0	14.52	14.48	14.41		
15	256QAM	36	20	14.55	14.46	14.54	15.5	0
15	256QAM	36	39	14.23	14.40	14.31		
15	256QAM	75	0	14.42	14.43	14.22		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.51	14.60	14.44		
10	QPSK	1	25	14.26	14.39	14.51	15.5	0
10	QPSK	1	49	14.39	14.45	14.29		
10	QPSK	25	0	14.41	14.57	14.37		
10	QPSK	25	12	14.54	14.31	14.53	15.5	0
10	QPSK	25	25	14.34	14.43	14.39		
10	QPSK	50	0	14.27	14.34	14.24		
10	16QAM	1	0	14.34	14.32	14.53		
10	16QAM	1	25	14.53	14.36	14.33	15.5	0
10	16QAM	1	49	14.33	14.51	14.33		
10	16QAM	25	0	14.43	14.30	14.40		
10	16QAM	25	12	14.40	14.31	14.32	15.5	0
10	16QAM	25	25	14.54	14.31	14.49		
10	16QAM	50	0	14.27	14.47	14.36		
10	64QAM	1	0	14.40	14.37	14.42		
10	64QAM	1	25	14.50	14.43	14.44	15.5	0
10	64QAM	1	49	14.28	14.41	14.59		
10	64QAM	25	0	14.33	14.25	14.36		
10	64QAM	25	12	14.24	14.38	14.41	15.5	0
10	64QAM	25	25	14.46	14.36	14.43		
10	64QAM	50	0	14.44	14.47	14.24		
10	256QAM	1	0	14.45	14.63	14.38		
10	256QAM	1	25	14.42	14.41	14.46	15.5	0
10	256QAM	1	49	14.47	14.38	14.33		
10	256QAM	25	0	14.46	14.55	14.45		
10	256QAM	25	12	14.54	14.40	14.54	15.5	0
10	256QAM	25	25	14.27	14.41	14.36		
10	256QAM	50	0	14.45	14.39	14.31		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.39	14.57	14.37		
5	QPSK	1	12	14.36	14.33	14.38	15.5	0
5	QPSK	1	24	14.35	14.41	14.29		
5	QPSK	12	0	14.45	14.54	14.39		
5	QPSK	12	7	14.42	14.37	14.55	15.5	0
5	QPSK	12	13	14.30	14.43	14.39		
5	QPSK	25	0	14.33	14.38	14.42		
5	16QAM	1	0	14.45	14.34	14.48		
5	16QAM	1	12	14.48	14.47	14.33	15.5	0
5	16QAM	1	24	14.51	14.39	14.45		
5	16QAM	12	0	14.38	14.38	14.28		
5	16QAM	12	7	14.30	14.39	14.41	15.5	0
5	16QAM	12	13	14.43	14.40	14.53		
5	16QAM	25	0	14.38	14.38	14.26		
5	64QAM	1	0	14.40	14.33	14.42		
5	64QAM	1	12	14.41	14.35	14.34	15.5	0
5	64QAM	1	24	14.48	14.32	14.49		
5	64QAM	12	0	14.32	14.46	14.29		
5	64QAM	12	7	14.46	14.38	14.50	15.5	0
5	64QAM	12	13	14.53	14.51	14.47		
5	64QAM	25	0	14.41	14.48	14.28		
5	256QAM	1	0	14.56	14.59	14.34		
5	256QAM	1	12	14.36	14.44	14.44	15.5	0
5	256QAM	1	24	14.40	14.40	14.29		
5	256QAM	12	0	14.47	14.60	14.32		
5	256QAM	12	7	14.42	14.34	14.46	15.5	0
5	256QAM	12	13	14.32	14.51	14.43		
5	256QAM	25	0	14.45	14.39	14.41		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.48	14.60	14.56		
3	QPSK	1	8	14.33	14.43	14.40	15.5	0
3	QPSK	1	14	14.34	14.50	14.34		
3	QPSK	8	0	14.43	14.58	14.36		
3	QPSK	8	4	14.40	14.37	14.55	15.5	0
3	QPSK	8	7	14.31	14.56	14.47		
3	QPSK	15	0	14.51	14.31	14.36		
3	16QAM	1	0	14.33	14.35	14.53		
3	16QAM	1	8	14.44	14.40	14.36	15.5	0
3	16QAM	1	14	14.36	14.37	14.52		
3	16QAM	8	0	14.41	14.37	14.41		
3	16QAM	8	4	14.28	14.32	14.37	15.5	0
3	16QAM	8	7	14.56	14.52	14.52		
3	16QAM	15	0	14.40	14.52	14.30		
3	64QAM	1	0	14.45	14.42	14.45		
3	64QAM	1	8	14.44	14.38	14.27	15.5	0
3	64QAM	1	14	14.30	14.29	14.42		
3	64QAM	8	0	14.26	14.33	14.39		
3	64QAM	8	4	14.46	14.46	14.41	15.5	0
3	64QAM	8	7	14.52	14.47	14.51		
3	64QAM	15	0	14.46	14.63	14.30		
3	256QAM	1	0	14.44	14.56	14.45		
3	256QAM	1	8	14.34	14.54	14.54	15.5	0
3	256QAM	1	14	14.53	14.43	14.23		
3	256QAM	8	0	14.51	14.55	14.40		
3	256QAM	8	4	14.46	14.41	14.42	15.5	0
3	256QAM	8	7	14.40	14.39	14.38		
3	256QAM	15	0	14.31	14.51	14.35		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.42	14.57	14.37		
1.4	QPSK	1	3	14.47	14.33	14.48		
1.4	QPSK	1	5	14.36	14.39	14.29	15.5	0
1.4	QPSK	3	0	14.39	14.46	14.26		
1.4	QPSK	3	1	14.37	14.33	14.52		
1.4	QPSK	3	3	14.28	14.50	14.52		
1.4	QPSK	6	0	14.24	14.53	14.41	15.5	0
1.4	16QAM	1	0	14.37	14.46	14.52		
1.4	16QAM	1	3	14.61	14.34	14.27		
1.4	16QAM	1	5	14.54	14.36	14.49	15.5	0
1.4	16QAM	3	0	14.40	14.39	14.42		
1.4	16QAM	3	1	14.25	14.31	14.34		
1.4	16QAM	3	3	14.54	14.44	14.55		
1.4	16QAM	6	0	14.41	14.53	14.22	15.5	0
1.4	64QAM	1	0	14.53	14.47	14.41		
1.4	64QAM	1	3	14.42	14.40	14.45		
1.4	64QAM	1	5	14.33	14.43	14.40	15.5	0
1.4	64QAM	3	0	14.23	14.30	14.31		
1.4	64QAM	3	1	14.31	14.41	14.54		
1.4	64QAM	3	3	14.39	14.43	14.38		
1.4	64QAM	6	0	14.41	14.44	14.25	15.5	0
1.4	256QAM	1	0	14.53	14.60	14.42		
1.4	256QAM	1	3	14.21	14.40	14.47		
1.4	256QAM	1	5	14.39	14.37	14.27	15.5	0
1.4	256QAM	3	0	14.50	14.48	14.35		
1.4	256QAM	3	1	14.41	14.35	14.41		
1.4	256QAM	3	3	14.24	14.41	14.45		
1.4	256QAM	6	0	14.37	14.43	14.24	15.5	0

Band 66 Ant 0 DSI3 sig path:70

BW [MHz]	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	14.72	14.76	14.34		
20	QPSK	1	49	14.49	14.75	14.71	15.5	0
20	QPSK	1	99	14.47	14.49	14.63		
20	QPSK	50	0	14.68	14.75	14.52		
20	QPSK	50	24	14.68	14.71	14.49	15.5	0
20	QPSK	50	50	14.65	14.42	14.57		
20	QPSK	100	0	14.53	14.66	14.56		
20	16QAM	1	0	14.42	14.48	14.49		
20	16QAM	1	49	14.61	14.61	14.49	15.5	0
20	16QAM	1	99	14.52	14.52	14.62		
20	16QAM	50	0	14.53	14.62	14.62		
20	16QAM	50	24	14.43	14.62	14.50	15.5	0
20	16QAM	50	50	14.50	14.51	14.56		
20	16QAM	100	0	14.70	14.51	14.63		
20	64QAM	1	0	14.53	14.45	14.57		
20	64QAM	1	49	14.47	14.57	14.43	15.5	0
20	64QAM	1	99	14.60	14.71	14.60		
20	64QAM	50	0	14.45	14.53	14.68		
20	64QAM	50	24	14.55	14.48	14.53	15.5	0
20	64QAM	50	50	14.67	14.55	14.51		
20	64QAM	100	0	14.53	14.48	14.64		
20	256QAM	1	0	14.55	14.72	14.22		
20	256QAM	1	49	14.40	14.56	14.55	15.5	0
20	256QAM	1	99	14.44	14.42	14.54		
20	256QAM	50	0	14.70	14.58	14.52		
20	256QAM	50	24	14.43	14.58	14.40	15.5	0
20	256QAM	50	50	14.53	14.40	14.43		
20	256QAM	100	0	14.35	14.57	14.53		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.68	14.59	14.29		
15	QPSK	1	37	14.45	14.72	14.58	15.5	0
15	QPSK	1	74	14.46	14.46	14.55		
15	QPSK	36	0	14.66	14.68	14.50		
15	QPSK	36	20	14.49	14.47	14.42	15.5	0
15	QPSK	36	39	14.57	14.33	14.41		
15	QPSK	75	0	14.32	14.70	14.55		
15	16QAM	1	0	14.32	14.37	14.38		
15	16QAM	1	37	14.57	14.57	14.53	15.5	0
15	16QAM	1	74	14.32	14.27	14.56		
15	16QAM	36	0	14.34	14.41	14.47		
15	16QAM	36	20	14.30	14.50	14.38	15.5	0
15	16QAM	36	39	14.45	14.42	14.52		
15	16QAM	75	0	14.57	14.52	14.40		
15	64QAM	1	0	14.47	14.54	14.48		
15	64QAM	1	37	14.53	14.45	14.32	15.5	0
15	64QAM	1	74	14.49	14.52	14.35		
15	64QAM	36	0	14.54	14.49	14.62		
15	64QAM	36	20	14.42	14.36	14.51	15.5	0
15	64QAM	36	39	14.47	14.55	14.41		
15	64QAM	75	0	14.36	14.44	14.53		
15	256QAM	1	0	14.65	14.70	14.25		
15	256QAM	1	37	14.43	14.64	14.59	15.5	0
15	256QAM	1	74	14.37	14.54	14.54		
15	256QAM	36	0	14.61	14.49	14.33		
15	256QAM	36	20	14.63	14.56	14.39	15.5	0
15	256QAM	36	39	14.53	14.24	14.38		
15	256QAM	75	0	14.45	14.51	14.44		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.56	14.64	14.24		
10	QPSK	1	25	14.40	14.63	14.55	15.5	0
10	QPSK	1	49	14.47	14.51	14.55		
10	QPSK	25	0	14.60	14.62	14.44		
10	QPSK	25	12	14.51	14.53	14.42	15.5	0
10	QPSK	25	25	14.48	14.38	14.47		
10	QPSK	50	0	14.31	14.62	14.49		
10	16QAM	1	0	14.38	14.38	14.44		
10	16QAM	1	25	14.52	14.61	14.49	15.5	0
10	16QAM	1	49	14.42	14.30	14.55		
10	16QAM	25	0	14.51	14.37	14.49		
10	16QAM	25	12	14.20	14.40	14.33	15.5	0
10	16QAM	25	25	14.44	14.31	14.47		
10	16QAM	50	0	14.59	14.38	14.47		
10	64QAM	1	0	14.38	14.49	14.39		
10	64QAM	1	25	14.44	14.38	14.35	15.5	0
10	64QAM	1	49	14.48	14.50	14.40		
10	64QAM	25	0	14.37	14.44	14.46		
10	64QAM	25	12	14.35	14.35	14.39	15.5	0
10	64QAM	25	25	14.57	14.44	14.34		
10	64QAM	50	0	14.42	14.36	14.59		
10	256QAM	1	0	14.68	14.65	14.33		
10	256QAM	1	25	14.51	14.60	14.67	15.5	0
10	256QAM	1	49	14.47	14.47	14.42		
10	256QAM	25	0	14.66	14.61	14.35		
10	256QAM	25	12	14.47	14.61	14.47	15.5	0
10	256QAM	25	25	14.56	14.51	14.49		
10	256QAM	50	0	14.33	14.60	14.41		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.52	14.64	14.20		
5	QPSK	1	12	14.34	14.54	14.51	15.5	0
5	QPSK	1	24	14.30	14.53	14.54		
5	QPSK	12	0	14.58	14.61	14.44		
5	QPSK	12	7	14.62	14.51	14.51	15.5	0
5	QPSK	12	13	14.53	14.37	14.35		
5	QPSK	25	0	14.46	14.48	14.56		
5	16QAM	1	0	14.39	14.56	14.40		
5	16QAM	1	12	14.50	14.58	14.33	15.5	0
5	16QAM	1	24	14.47	14.29	14.59		
5	16QAM	12	0	14.36	14.64	14.57		
5	16QAM	12	7	14.22	14.55	14.37	15.5	0
5	16QAM	12	13	14.42	14.29	14.44		
5	16QAM	25	0	14.58	14.33	14.45		
5	64QAM	1	0	14.50	14.45	14.45		
5	64QAM	1	12	14.32	14.37	14.25	15.5	0
5	64QAM	1	24	14.52	14.59	14.38		
5	64QAM	12	0	14.38	14.33	14.61		
5	64QAM	12	7	14.37	14.33	14.50	15.5	0
5	64QAM	12	13	14.45	14.39	14.38		
5	64QAM	25	0	14.29	14.50	14.47		
5	256QAM	1	0	14.67	14.65	14.24		
5	256QAM	1	12	14.42	14.67	14.56	15.5	0
5	256QAM	1	24	14.41	14.42	14.49		
5	256QAM	12	0	14.72	14.71	14.41		
5	256QAM	12	7	14.61	14.54	14.43	15.5	0
5	256QAM	12	13	14.59	14.36	14.51		
5	256QAM	25	0	14.31	14.58	14.41		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.65	14.69	14.32		
3	QPSK	1	8	14.37	14.58	14.53	15.5	0
3	QPSK	1	14	14.42	14.43	14.40		
3	QPSK	8	0	14.53	14.73	14.55		
3	QPSK	8	4	14.46	14.60	14.58	15.5	0
3	QPSK	8	7	14.60	14.58	14.49		
3	QPSK	15	0	14.42	14.66	14.45		
3	16QAM	1	0	14.38	14.36	14.41		
3	16QAM	1	8	14.56	14.45	14.48	15.5	0
3	16QAM	1	14	14.32	14.34	14.50		
3	16QAM	8	0	14.35	14.58	14.58		
3	16QAM	8	4	14.43	14.56	14.37	15.5	0
3	16QAM	8	7	14.25	14.44	14.44		
3	16QAM	15	0	14.55	14.31	14.46		
3	64QAM	1	0	14.52	14.34	14.53		
3	64QAM	1	8	14.34	14.37	14.37	15.5	0
3	64QAM	1	14	14.59	14.68	14.36		
3	64QAM	8	0	14.40	14.44	14.50		
3	64QAM	8	4	14.61	14.46	14.48	15.5	0
3	64QAM	8	7	14.47	14.37	14.44		
3	64QAM	15	0	14.41	14.46	14.42		
3	256QAM	1	0	14.60	14.57	14.17		
3	256QAM	1	8	14.31	14.64	14.64	15.5	0
3	256QAM	1	14	14.40	14.39	14.39		
3	256QAM	8	0	14.55	14.68	14.45		
3	256QAM	8	4	14.57	14.65	14.45	15.5	0
3	256QAM	8	7	14.48	14.41	14.43		
3	256QAM	15	0	14.35	14.53	14.39		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.52	14.70	14.34		
1.4	QPSK	1	3	14.42	14.65	14.58		
1.4	QPSK	1	5	14.40	14.40	14.32	15.5	0
1.4	QPSK	3	0	14.61	14.73	14.31		
1.4	QPSK	3	1	14.42	14.58	14.41		
1.4	QPSK	3	3	14.46	14.30	14.41		
1.4	QPSK	6	0	14.50	14.62	14.42	15.5	0
1.4	16QAM	1	0	14.42	14.54	14.37		
1.4	16QAM	1	3	14.46	14.50	14.51		
1.4	16QAM	1	5	14.38	14.31	14.49	15.5	0
1.4	16QAM	3	0	14.30	14.58	14.48		
1.4	16QAM	3	1	14.40	14.40	14.33		
1.4	16QAM	3	3	14.30	14.48	14.51		
1.4	16QAM	6	0	14.56	14.57	14.44	15.5	0
1.4	64QAM	1	0	14.38	14.44	14.42		
1.4	64QAM	1	3	14.45	14.38	14.22		
1.4	64QAM	1	5	14.44	14.57	14.47	15.5	0
1.4	64QAM	3	0	14.36	14.36	14.64		
1.4	64QAM	3	1	14.42	14.34	14.41		
1.4	64QAM	3	3	14.56	14.47	14.39		
1.4	64QAM	6	0	14.44	14.33	14.48	15.5	0
1.4	256QAM	1	0	14.50	14.69	14.29		
1.4	256QAM	1	3	14.41	14.70	14.55		
1.4	256QAM	1	5	14.38	14.31	14.54	15.5	0
1.4	256QAM	3	0	14.57	14.67	14.34		
1.4	256QAM	3	1	14.68	14.52	14.44		
1.4	256QAM	3	3	14.43	14.31	14.34		
1.4	256QAM	6	0	14.49	14.61	14.55	15.5	0

Band 66 Ant 0 DSI3 sig path:453

BW [MHz]	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	14.70	14.75	14.26		
20	QPSK	1	49	14.42	14.65	14.62	15.5	0
20	QPSK	1	99	14.58	14.57	14.51		
20	QPSK	50	0	14.59	14.64	14.60		
20	QPSK	50	24	14.48	14.73	14.60	15.5	0
20	QPSK	50	50	14.55	14.61	14.45		
20	QPSK	100	0	14.49	14.68	14.48		
20	16QAM	1	0	14.57	14.60	14.48		
20	16QAM	1	49	14.71	14.58	14.51	15

Band 2 Ant 4 DSI3 sig path:44

BW [MHz]	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	18.61	18.64	18.37		
20	QPSK	1	49	18.31	18.55	18.45	19	0
20	QPSK	1	99	18.41	18.53	18.51		
20	QPSK	50	0	18.42	18.61	18.55		
20	QPSK	50	24	18.55	18.43	18.58	19	0
20	QPSK	50	50	18.48	18.33	18.39		
20	QPSK	100	0	18.45	18.57	18.36		
20	16QAM	1	0	18.55	18.44	18.38		
20	16QAM	1	49	18.49	18.29	18.51	19	0
20	16QAM	1	99	18.31	18.31	18.32		
20	16QAM	50	0	18.34	18.59	18.46		
20	16QAM	50	24	18.49	18.46	18.43	19	0
20	16QAM	50	50	18.56	18.45	18.54		
20	16QAM	100	0	18.47	18.47	18.47		
20	64QAM	1	0	18.45	18.45	18.44		
20	64QAM	1	49	18.53	18.58	18.48	19	0
20	64QAM	1	99	18.54	18.56	18.41		
20	64QAM	50	0	18.46	18.48	18.46		
20	64QAM	50	24	18.42	18.55	18.45	19	0
20	64QAM	50	50	18.60	18.34	18.45		
20	64QAM	100	0	18.52	18.49	18.39		
20	256QAM	1	0	18.39	18.44	18.04		
20	256QAM	1	49	18.33	18.44	18.28	19	0
20	256QAM	1	99	18.29	18.48	18.33		
20	256QAM	50	0	18.28	18.63	18.43		
20	256QAM	50	24	18.43	18.25	18.57	19	0
20	256QAM	50	50	18.37	18.15	18.26		
20	256QAM	100	0	18.48	18.41	18.29		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.48	18.56	18.30		
15	QPSK	1	37	18.23	18.44	18.34	19	0
15	QPSK	1	74	18.27	18.48	18.42		
15	QPSK	36	0	18.33	18.48	18.42		
15	QPSK	36	20	18.43	18.36	18.53	19	0
15	QPSK	36	39	18.39	18.23	18.28		
15	QPSK	75	0	18.35	18.52	18.28		
15	16QAM	1	0	18.45	18.35	18.24		
15	16QAM	1	37	18.42	18.15	18.41	19	0
15	16QAM	1	74	18.17	18.16	18.23		
15	16QAM	36	0	18.20	18.51	18.33		
15	16QAM	36	20	18.41	18.37	18.29	19	0
15	16QAM	36	39	18.47	18.36	18.43		
15	16QAM	75	0	18.32	18.41	18.36		
15	64QAM	1	0	18.38	18.32	18.33		
15	64QAM	1	37	18.41	18.52	18.35	19	0
15	64QAM	1	74	18.41	18.48	18.35		
15	64QAM	36	0	18.35	18.43	18.32		
15	64QAM	36	20	18.36	18.45	18.37	19	0
15	64QAM	36	39	18.45	18.27	18.35		
15	64QAM	75	0	18.46	18.35	18.26		
15	256QAM	1	0	18.26	18.37	17.99		
15	256QAM	1	37	18.20	18.30	18.22	19	0
15	256QAM	1	74	18.19	18.38	18.22		
15	256QAM	36	0	18.17	18.55	18.36		
15	256QAM	36	20	18.34	18.18	18.45	19	0
15	256QAM	36	39	18.30	18.04	18.21		
15	256QAM	75	0	18.39	18.33	18.16		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.47	18.57	18.29		
10	QPSK	1	25	18.20	18.44	18.38	19	0
10	QPSK	1	49	18.26	18.48	18.38		
10	QPSK	25	0	18.36	18.52	18.44		
10	QPSK	25	12	18.50	18.34	18.45	19	0
10	QPSK	25	25	18.38	18.24	18.33		
10	QPSK	50	0	18.32	18.46	18.22		
10	16QAM	1	0	18.41	18.33	18.30		
10	16QAM	1	25	18.36	18.16	18.41	19	0
10	16QAM	1	49	18.17	18.18	18.25		
10	16QAM	25	0	18.26	18.50	18.38		
10	16QAM	25	12	18.41	18.37	18.32	19	0
10	16QAM	25	25	18.43	18.34	18.47		
10	16QAM	50	0	18.41	18.37	18.32		
10	64QAM	1	0	18.32	18.35	18.32		
10	64QAM	1	25	18.44	18.52	18.37	19	0
10	64QAM	1	49	18.47	18.50	18.36		
10	64QAM	25	0	18.34	18.36	18.37		
10	64QAM	25	12	18.35	18.47	18.39	19	0
10	64QAM	25	25	18.49	18.25	18.37		
10	64QAM	50	0	18.39	18.35	18.30		
10	256QAM	1	0	18.29	18.30	17.92		
10	256QAM	1	25	18.20	18.32	18.14	19	0
10	256QAM	1	49	18.17	18.42	18.21		
10	256QAM	25	0	18.17	18.57	18.32		
10	256QAM	25	12	18.30	18.12	18.50	19	0
10	256QAM	25	25	18.26	18.05	18.18		
10	256QAM	50	0	18.37	18.35	18.22		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.56	18.58	18.26		
5	QPSK	1	12	18.21	18.41	18.31	19	0
5	QPSK	1	24	18.32	18.42	18.39		
5	QPSK	12	0	18.35	18.51	18.49		
5	QPSK	12	7	18.43	18.31	18.47	19	0
5	QPSK	12	13	18.40	18.25	18.27		
5	QPSK	25	0	18.33	18.48	18.28		
5	16QAM	1	0	18.41	18.34	18.23		
5	16QAM	1	12	18.40	18.21	18.40	19	0
5	16QAM	1	24	18.19	18.26	18.17		
5	16QAM	12	0	18.29	18.52	18.40		
5	16QAM	12	7	18.40	18.34	18.31	19	0
5	16QAM	12	13	18.48	18.31	18.43		
5	16QAM	25	0	18.38	18.38	18.38		
5	64QAM	1	0	18.32	18.39	18.37	19	0
5	64QAM	1	12	18.40	18.46	18.34		
5	64QAM	1	24	18.44	18.44	18.27		
5	64QAM	12	0	18.41	18.43	18.38		
5	64QAM	12	7	18.34	18.43	18.39	19	0
5	64QAM	12	13	18.52	18.20	18.33		
5	64QAM	25	0	18.41	18.43	18.26		
5	256QAM	1	0	18.30	18.35	17.93		
5	256QAM	1	12	18.27	18.37	18.13	19	0
5	256QAM	1	24	18.23	18.42	18.24		
5	256QAM	12	0	18.18	18.54	18.36		
5	256QAM	12	7	18.36	18.11	18.43	19	0
5	256QAM	12	13	18.22	18.04	18.15		
5	256QAM	25	0	18.36	18.28	18.21		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.52	18.56	18.30		
3	QPSK	1	8	18.21	18.43	18.38	19	0
3	QPSK	1	14	18.32	18.47	18.39		
3	QPSK	8	0	18.37	18.51	18.45		
3	QPSK	8	4	18.49	18.29	18.51	19	0
3	QPSK	8	7	18.36	18.28	18.33		
3	QPSK	15	0	18.34	18.43	18.21		
3	16QAM	1	0	18.44	18.39	18.24		
3	16QAM	1	8	18.37	18.20	18.38	19	0
3	16QAM	1	14	18.18	18.18	18.26		
3	16QAM	8	0	18.21	18.49	18.41		
3	16QAM	8	4	18.38	18.37	18.36	19	0
3	16QAM	8	7	18.43	18.34	18.42		
3	16QAM	15	0	18.36	18.40	18.35		
3	64QAM	1	0	18.31	18.35	18.34		
3	64QAM	1	8	18.47	18.49	18.42	19	0
3	64QAM	1	14	18.42	18.48	18.26		
3	64QAM	8	0	18.32	18.37	18.41		
3	64QAM	8	4	18.30	18.41	18.37	19	0
3	64QAM	8	7	18.52	18.28	18.35		
3	64QAM	15	0	18.40	18.35	18.31		
3	256QAM	1	0	18.29	18.31	17.98		
3	256QAM	1	8	18.21	18.32	18.15	19	0
3	256QAM	1	14	18.22	18.33	18.19		
3	256QAM	8	0	18.14	18.54	18.33		
3	256QAM	8	4	18.34	18.19	18.49	19	0
3	256QAM	8	7	18.30	18.08	18.15		
3	256QAM	15	0	18.35	18.30	18.14		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.47	18.53	18.25		
1.4	QPSK	1	3	18.26	18.49	18.34		
1.4	QPSK	1	5	18.35	18.46	18.40	19	0
1.4	QPSK	3	0	18.32	18.48	18.49		
1.4	QPSK	3	1	18.45	18.35	18.49		
1.4	QPSK	3	3	18.33	18.26	18.27		
1.4	QPSK	6	0	18.31	18.49	18.25	19	0
1.4	16QAM	1	0	18.44	18.36	18.33		
1.4	16QAM	1	3	18.42	18.17	18.38		
1.4	16QAM	1	5	18.16	18.24	18.23	19	0
1.4	16QAM	3	0	18.20	18.50	18.31		
1.4	16QAM	3	1	18.41	18.38	18.29		
1.4	16QAM	3	3	18.42	18.36	18.48		
1.4	16QAM	6	0	18.38	18.39	18.41	19	0
1.4	64QAM	1	0	18.32	18.34	18.34		
1.4	64QAM	1	3	18.41	18.49	18.36		
1.4	64QAM	1	5	18.42	18.50	18.33	19	0
1.4	64QAM	3	0	18.32	18.40	18.31		
1.4	64QAM	3	1	18.31	18.44	18.33		
1.4	64QAM	3	3	18.50	18.19	18.38		
1.4	64QAM	6	0	18.39	18.42	18.26	19	0
1.4	256QAM	1	0	18.34	18.35	17.96		
1.4	256QAM	1	3	18.27	18.35	18.20		
1.4	256QAM	1	5	18.15	18.37	18.27	19	0
1.4	256QAM	3	0	18.22	18.56	18.31		
1.4	256QAM	3	1	18.35	18.18	18.45		
1.4	256QAM	3	3	18.24	18.04	18.13		
1.4	256QAM	6	0	18.37	18.29	18.16	19	0

Band 2 Ant 4 DSI3 sig path:456

BW [MHz]	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	18.48	18.69	18.19		
20	QPSK	1	49	18.35	18.61	18.52	19	0
20	QPSK	1	99	18.38	18.60	18.39		
20	QPSK	50	0	18.48	18.65	18.33		
20	QPSK	50	24	18.64	18.51	18.55	19	0
20	QPSK	50	50	18.34	18.38	18.51		
20	QPSK	100	0	18.60	18.62	18.51		
20	16QAM	1	0	18.44	18.44	18.55		
20	16QAM	1	49	18.41	18.34	18.55	19	0
20	16QAM	1	99	18.48	18.42	18.51		
20	16QAM	50	0	18.35	18.55	18.28		
20	16QAM	50	24	18.44	18.36	18.34	19	0
20	16QAM	50	50	18.36	18.35	18.52		
20	16QAM	100	0	18.57	18.44	18.49		
20	64QAM	1	0	18.34	18.38	18.34		
20	64QAM	1	49	18.42	18.39	18.55	19	0
20	64QAM	1	99	18.37	18.42	18.42		
20	64QAM	50	0	18.47	18.52	18.36		
20	64QAM	50	24	18.33	18.37	18.35	19	0
20	64QAM	50	50	18.62	18.44	18.35		
20	64QAM	100	0	18.29	18.52	18.41		
20	256QAM	1	0	18.36	18.54	18.17		
20	256QAM	1	49	18.23	18.42	18.29	19	0
20	256QAM	1	99	18.31	18.43	18.38		
20	256QAM	50	0	18.29	18.45	18.10		
20	256QAM	50	24	18.45	18.50	18.45	19	0
20	256QAM	50	50	18.30	18.30	18.31		
20	256QAM	100	0	18.41	18.37	18.39		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.36	18.61	18.14		
15	QPSK	1	37	18.27	18.49	18.41	19	0
15	QPSK	1	74	18.28	18.49	18.31		
15	QPSK	36	0	18.39	18.55	18.27		
15	QPSK	36	20	18.56	18.36	18.49	19	0
15	QPSK	36	39	18.28	18.32	18.41		
15	QPSK	75	0	18.47	18.56	18.40		
15	16QAM	1	0	18.38	18.32	18.48		
15	16QAM	1	37	18.31	18.23	18.45	19	0
15	16QAM	1	74	18.33	18.31	18.41		
15	16QAM	36	0	18.29	18.40	18.17		
15	16QAM	36	20	18.34	18.28	18.23	19	0
15	16QAM	36	39	18.26	18.28	18.43		
15	16QAM	75	0	18.46	18.38	18.36		
15	64QAM	1	0	18.21	18.25	18.28		
15	64QAM	1	37	18.36	18.32	18.48	19	0
15	64QAM	1	74	18.24	18.31	18.34		
15	64QAM	36	0	18.33	18.43	18.30		
15	64QAM	36	20	18.22	18.29	18.22	19	0
15	64QAM	36	39	18.55	18.29	18.23		
15	64QAM	75	0	18.17	18.41	18.34		
15	256QAM	1	0	18.21	18.48	18.07		
15	256QAM	1	37	18.16	18.33	18.23	19	0
15	256QAM	1	74	18.20	18.30	18.25		
15	256QAM	36	0	18.21	18.39	17.99		
15	256QAM	36	20	18.37	18.43	18.31	19	0
15	256QAM	36	39	18.25	18.19	18.18		
15	256QAM	75	0	18.29	18.23	18.30		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.39	18.60	18.07		
10	QPSK	1	25	18.23	18.56	18.42	19	0
10	QPSK	1	49	18.25	18.55	18.30		
10	QPSK	25	0	18.42	18.55	18.20		
10	QPSK	25	12	18.54	18.44	18.46	19	0
10	QPSK	25	25	18.28	18.36	18.39		
10	QPSK	50	0	18.52	18.53	18.45		
10	16QAM	1	0	18.34	18.34	18.49		
10	16QAM	1	25	18.36	18.27	18.49	19	0
10	16QAM	1	49	18.38	18.28	18.44		
10	16QAM	25	0	18.27	18.41	18.18		
10	16QAM	25	12	18.36	18.25	18.20	19	0
10	16QAM	25	25	18.23	18.27	18.37		
10	16QAM	50	0	18.51	18.38	18.44		
10	64QAM	1	0	18.27	18.26	18.22		
10	64QAM	1	25	18.37	18.31	18.48	19	0
10	64QAM	1	49	18.24	18.30	18.34		
10	64QAM	25	0	18.41	18.41	18.24		
10	64QAM	25	12	18.25	18.30	18.20	19	0
10	64QAM	25	25	18.56	18.30	18.26		
10	64QAM	50	0	18.18	18.45	18.32		
10	256QAM	1	0	18.29	18.39	18.10		
10	256QAM	1	25	18.09	18.31	18.20	19	0
10	256QAM	1	49	18.19	18.33	18.32		
10	256QAM	25	0	18.17	18.32	18.03		
10	256QAM	25	12	18.38	18.36	18.39	19	0
10	256QAM	25	25	18.19	18.24	18.19		
10	256QAM	50	0	18.35	18.30	18.26		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.40	18.58	18.13		
5	QPSK	1	12	18.22	18.54	18.41	19	0
5	QPSK	1	24	18.32	18.48	18.29		
5	QPSK	12	0	18.38	18.56	18.19		
5	QPSK	12	7	18.56	18.39	18.40	19	0
5	QPSK	12	13	18.20	18.32	18.42		
5	QPSK	25	0	18.53	18.56	18.38		
5	16QAM	1	0	18.33	18.38	18.41		
5	16QAM	1	12	18.30	18.19	18.42	19	0
5	16QAM	1	24	18.34	18.31	18.42		
5	16QAM	12	0	18.28	18.45	18.15		
5	16QAM	12	7	18.30	18.31	18.21	19	0
5	16QAM	12	13	18.25	18.21	18.43		
5	16QAM	25	0	18.48	18.31	18.37		
5	64QAM	1	0	18.23	18.22	18.20		
5	64QAM	1	12	18.27	18.34	18.48	19	0
5	64QAM	1	24	18.28	18.33	18.37		
5	64QAM	12	0	18.42	18.38	18.25		
5	64QAM	12	7	18.25	18.28	18.24	19	0
5	64QAM	12	13	18.49	18.34	18.20		
5	64QAM	25	0	18.16	18.44	18.31		
5	256QAM	1	0	18.28	18.39	18.11		
5	256QAM	1	12	18.17	18.31	18.24	19	0
5	256QAM	1	24	18.24	18.31	18.24		
5	256QAM	12	0	18.19	18.34	17.97		
5	256QAM	12	7	18.30	18.38	18.35	19	0
5	256QAM	12	13	18.16	18.25	18.21		
5	256QAM	25	0	18.33	18.29	18.29		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.36	18.56	18.14		
3	QPSK	1	8	18.23	18.54	18.45	19	0
3	QPSK	1	14	18.27	18.52	18.29		
3	QPSK	8	0	18.39	18.53	18.18		
3	QPSK	8	4	18.56	18.44	18.49	19	0
3	QPSK	8	7	18.24	18.28	18.44		
3	QPSK	15	0	18.50	18.50	18.45		
3	16QAM	1	0	18.30	18.30	18.46		
3	16QAM	1	8	18.35	18.21	18.42	19	0
3	16QAM	1	14	18.39	18.33	18.45		
3	16QAM	8	0	18.28	18.46	18.18		
3	16QAM	8	4	18.37	18.24	18.24	19	0
3	16QAM	8	7	18.21	18.28	18.45		
3	16QAM	15	0	18.44	18.30	18.40		
3	64QAM	1	0	18.24	18.25	18.23		
3	64QAM	1	8	18.33	18.28	18.46	19	0
3	64QAM	1	14	18.28	18.34	18.37		
3	64QAM	8	0	18.37	18.39	18.21		
3	64QAM	8	4	18.27	18.30	18.21	19	0
3	64QAM	8	7	18.47	18.37	18.25		
3	64QAM	15	0	18.22	18.38	18.27		
3	256QAM	1	0	18.22	18.44	18.11		
3	256QAM	1	8	18.08	18.34	18.15	19	0
3	256QAM	1	14	18.22	18.36	18.32		
3	256QAM	8	0	18.23	18.31	17.96		
3	256QAM	8	4	18.39	18.36	18.33	19	0
3	256QAM	8	7	18.21	18.23	18.25		
3	256QAM	15	0	18.29	18.24	18.34		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.39	18.60	18.10		
1.4	QPSK	1	3	18.25	18.56	18.39		
1.4	QPSK	1	5	18.27	18.57	18.30	19	0
1.4	QPSK	3	0	18.38	18.53	18.23		
1.4	QPSK	3	1	18.51	18.38	18.48		
1.4	QPSK	3	3	18.27	18.26	18.40		
1.4	QPSK	6	0	18.47	18.54	18.45	19	0
1.4	16QAM	1	0	18.31	18.34	18.40		
1.4	16QAM	1	3	18.26	18.28	18.44		
1.4	16QAM	1	5	18.38	18.26	18.37	19	0
1.4	16QAM	3	0	18.20	18.45	18.13		
1.4	16QAM	3	1	18.37	18.28	18.22		
1.4	16QAM	3	3	18.22	18.29	18.44		
1.4	16QAM	6	0	18.44	18.30	18.42	19	0
1.4	64QAM	1	0	18.22	18.23	18.28		
1.4	64QAM	1	3	18.33	18.28	18.45		
1.4	64QAM	1	5	18.25	18.30	18.33	19	0
1.4	64QAM	3	0	18.41	18.38	18.23		
1.4	64QAM	3	1	18.22	18.26	18.27		
1.4	64QAM	3	3	18.53	18.30	18.28		
1.4	64QAM	6	0	18.14	18.40	18.29	19	0
1.4	256QAM	1	0	18.27	18.46	18.10		
1.4	256QAM	1	3	18.12	18.32	18.17		
1.4	256QAM	1	5	18.20	18.37	18.26	19	0
1.4	256QAM	3	0	18.23	18.40	17.99		
1.4	256QAM	3	1	18.32	18.38	18.40		
1.4	256QAM	3	3	18.15	18.25	18.26		
1.4	256QAM	6	0	18.33	18.29	18.31	19	0

Band 4 Ant 4 DSI3 sig path:69

BW [MHz]	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	18.69	18.92	18.68		
20	QPSK	1	49	18.73	18.82	18.88	19.5	0
20	QPSK	1	99	18.76	18.74	18.74		
20	QPSK	50	0	18.72	18.87	18.61		
20	QPSK	50	24	18.70	18.70	18.69	19.5	0
20	QPSK	50	50	18.53	18.56	18.59		
20	QPSK	100	0	18.58	18.83	18.65		
20	16QAM	1	0	18.65	18.67	18.48		
20	16QAM	1	49	18.83	18.47	18.78	19.5	0
20	16QAM	1	99	18.65	18.70	18.67		
20	16QAM	50	0	18.64	18.71	18.72		
20	16QAM	50	24	18.59	18.62	18.73	19.5	0
20	16QAM	50	50	18.58	18.71	18.61		
20	16QAM	100	0	18.78

Band 4 Ant 4 DSI3 sig path:452

BW [MHz]	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	18.77	18.83	18.75		
20	QPSK	1	49	18.62	18.81	18.78	19.5	0
20	QPSK	1	99	18.67	18.68	18.71		
20	QPSK	50	0	18.75	18.79	18.56		
20	QPSK	50	24	18.69	18.64	18.58	19.5	0
20	QPSK	50	50	18.72	18.57	18.58		
20	QPSK	100	0	18.67	18.74	18.63		
20	16QAM	1	0	18.64	18.76	18.70		
20	16QAM	1	49	18.69	18.63	18.77	19.5	0
20	16QAM	1	99	18.70	18.54	18.49		
20	16QAM	50	0	18.55	18.77	18.77		
20	16QAM	50	24	18.66	18.64	18.60	19.5	0
20	16QAM	50	50	18.56	18.65	18.66		
20	16QAM	100	0	18.73	18.64	18.51		
20	64QAM	1	0	18.68	18.62	18.61		
20	64QAM	1	49	18.61	18.76	18.61	19.5	0
20	64QAM	1	99	18.68	18.60	18.58		
20	64QAM	50	0	18.62	18.73	18.60		
20	64QAM	50	24	18.70	18.47	18.65	19.5	0
20	64QAM	50	50	18.76	18.65	18.72		
20	64QAM	100	0	18.55	18.56	18.57		
20	256QAM	1	0	18.42	18.34	18.27		
20	256QAM	1	49	18.28	18.41	18.33	19	0.5
20	256QAM	1	99	18.33	18.38	18.13		
20	256QAM	50	0	18.46	18.35	18.58		
20	256QAM	50	24	18.27	18.46	18.28	19	0.5
20	256QAM	50	50	18.31	18.48	18.38		
20	256QAM	100	0	18.28	18.28	18.24		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.70	18.70	18.61		
15	QPSK	1	37	18.48	18.75	18.63	19.5	0
15	QPSK	1	74	18.62	18.54	18.62		
15	QPSK	36	0	18.65	18.68	18.43		
15	QPSK	36	20	18.55	18.58	18.50	19.5	0
15	QPSK	36	39	18.62	18.46	18.52		
15	QPSK	75	0	18.55	18.69	18.56		
15	16QAM	1	0	18.59	18.64	18.62		
15	16QAM	1	37	18.55	18.51	18.67	19.5	0
15	16QAM	1	74	18.64	18.47	18.38		
15	16QAM	36	0	18.49	18.69	18.69		
15	16QAM	36	20	18.55	18.55	18.48	19.5	0
15	16QAM	36	39	18.42	18.58	18.58		
15	16QAM	75	0	18.65	18.52	18.37		
15	64QAM	1	0	18.61	18.54	18.50		
15	64QAM	1	37	18.50	18.69	18.51	19.5	0
15	64QAM	1	74	18.61	18.49	18.49		
15	64QAM	36	0	18.54	18.59	18.54		
15	64QAM	36	20	18.60	18.33	18.55	19.5	0
15	64QAM	36	39	18.68	18.55	18.62		
15	64QAM	75	0	18.44	18.46	18.42		
15	256QAM	1	0	18.36	18.36	18.20		
15	256QAM	1	37	18.22	18.32	18.34	19	0.5
15	256QAM	1	74	18.19	18.35	18.15		
15	256QAM	36	0	18.41	18.50	18.55		
15	256QAM	36	20	18.28	18.34	18.30	19	0.5
15	256QAM	36	39	18.32	18.43	18.35		
15	256QAM	75	0	18.31	18.30	18.14		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.64	18.72	18.60		
10	QPSK	1	25	18.55	18.71	18.69	19.5	0
10	QPSK	1	49	18.59	18.56	18.65		
10	QPSK	25	0	18.66	18.68	18.41		
10	QPSK	25	12	18.61	18.58	18.52	19.5	0
10	QPSK	25	25	18.59	18.47	18.45		
10	QPSK	50	0	18.53	18.64	18.50		
10	16QAM	1	0	18.53	18.70	18.57		
10	16QAM	1	25	18.58	18.52	18.67	19.5	0
10	16QAM	1	49	18.62	18.46	18.37		
10	16QAM	25	0	18.44	18.63	18.63		
10	16QAM	25	12	18.60	18.52	18.55	19.5	0
10	16QAM	25	25	18.46	18.54	18.53		
10	16QAM	50	0	18.59	18.49	18.40		
10	64QAM	1	0	18.54	18.51	18.47		
10	64QAM	1	25	18.53	18.66	18.48	19.5	0
10	64QAM	1	49	18.60	18.51	18.46		
10	64QAM	25	0	18.56	18.66	18.52		
10	64QAM	25	12	18.61	18.38	18.54	19.5	0
10	64QAM	25	25	18.65	18.51	18.59		
10	64QAM	50	0	18.41	18.49	18.44		
10	256QAM	1	0	18.33	18.43	18.20		
10	256QAM	1	25	18.28	18.33	18.39	19	0.5
10	256QAM	1	49	18.32	18.36	18.14		
10	256QAM	25	0	18.46	18.49	18.59		
10	256QAM	25	12	18.20	18.45	18.34	19	0.5
10	256QAM	25	25	18.36	18.33	18.39		
10	256QAM	50	0	18.25	18.36	18.17		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.72	18.74	18.60		
5	QPSK	1	12	18.50	18.75	18.72	19.5	0
5	QPSK	1	24	18.62	18.61	18.58		
5	QPSK	12	0	18.63	18.70	18.44		
5	QPSK	12	7	18.56	18.50	18.49	19.5	0
5	QPSK	12	13	18.62	18.47	18.46		
5	QPSK	25	0	18.58	18.65	18.57		
5	16QAM	1	0	18.50	18.63	18.56		
5	16QAM	1	12	18.57	18.52	18.67	19.5	0
5	16QAM	1	24	18.57	18.46	18.37		
5	16QAM	12	0	18.48	18.66	18.69		
5	16QAM	12	7	18.57	18.57	18.48	19.5	0
5	16QAM	12	13	18.50	18.51	18.52		
5	16QAM	25	0	18.58	18.55	18.42		
5	64QAM	1	0	18.62	18.47	18.55		
5	64QAM	1	12	18.47	18.64	18.49	19.5	0
5	64QAM	1	24	18.62	18.45	18.53		
5	64QAM	12	0	18.49	18.66	18.49		
5	64QAM	12	7	18.56	18.34	18.60	19.5	0
5	64QAM	12	13	18.64	18.60	18.61		
5	64QAM	25	0	18.42	18.44	18.48		
5	256QAM	1	0	18.44	18.39	18.18		
5	256QAM	1	12	18.26	18.41	18.46	19	0.5
5	256QAM	1	24	18.33	18.37	18.10		
5	256QAM	12	0	18.35	18.41	18.48		
5	256QAM	12	7	18.31	18.49	18.35	19	0.5
5	256QAM	12	13	18.44	18.43	18.32		
5	256QAM	25	0	18.16	18.42	18.27		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.63	18.77	18.70		
3	QPSK	1	8	18.52	18.73	18.65	19.5	0
3	QPSK	1	14	18.58	18.59	18.60		
3	QPSK	8	0	18.63	18.70	18.42		
3	QPSK	8	4	18.62	18.56	18.49	19.5	0
3	QPSK	8	7	18.65	18.50	18.45		
3	QPSK	15	0	18.61	18.66	18.49		
3	16QAM	1	0	18.50	18.69	18.60		
3	16QAM	1	8	18.58	18.50	18.72	19.5	0
3	16QAM	1	14	18.57	18.42	18.43		
3	16QAM	8	0	18.47	18.64	18.71		
3	16QAM	8	4	18.57	18.55	18.51	19.5	0
3	16QAM	8	7	18.42	18.59	18.52		
3	16QAM	15	0	18.66	18.54	18.44		
3	64QAM	1	0	18.53	18.55	18.46		
3	64QAM	1	8	18.55	18.65	18.53	19.5	0
3	64QAM	1	14	18.57	18.53	18.49		
3	64QAM	8	0	18.52	18.62	18.48		
3	64QAM	8	4	18.64	18.38	18.56	19.5	0
3	64QAM	8	7	18.67	18.58	18.61		
3	64QAM	15	0	18.45	18.45	18.47		
3	256QAM	1	0	18.33	18.44	18.27		
3	256QAM	1	8	18.17	18.41	18.33	19	0.5
3	256QAM	1	14	18.22	18.41	18.25		
3	256QAM	8	0	18.36	18.48	18.46		
3	256QAM	8	4	18.24	18.45	18.31	19	0.5
3	256QAM	8	7	18.38	18.40	18.39		
3	256QAM	15	0	18.29	18.31	18.20		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.72	18.74	18.69		
1.4	QPSK	1	3	18.53	18.71	18.69		
1.4	QPSK	1	5	18.60	18.61	18.61	19.5	0
1.4	QPSK	3	0	18.68	18.72	18.43		
1.4	QPSK	3	1	18.60	18.55	18.49		
1.4	QPSK	3	3	18.63	18.47	18.48		
1.4	QPSK	6	0	18.54	18.61	18.51	19.5	0
1.4	16QAM	1	0	18.51	18.64	18.58		
1.4	16QAM	1	3	18.61	18.54	18.63		
1.4	16QAM	1	5	18.59	18.48	18.40	19.5	0
1.4	16QAM	3	0	18.42	18.64	18.66		
1.4	16QAM	3	1	18.57	18.56	18.50		
1.4	16QAM	3	3	18.44	18.58	18.52		
1.4	16QAM	6	0	18.62	18.58	18.38	19.5	0
1.4	64QAM	1	0	18.62	18.48	18.48		
1.4	64QAM	1	3	18.52	18.64	18.52		
1.4	64QAM	1	5	18.60	18.55	18.45	19.5	0
1.4	64QAM	3	0	18.48	18.67	18.54		
1.4	64QAM	3	1	18.59	18.39	18.52		
1.4	64QAM	3	3	18.67	18.56	18.59		
1.4	64QAM	6	0	18.42	18.41	18.49	19.5	0
1.4	256QAM	1	0	18.26	18.36	18.19		
1.4	256QAM	1	3	18.07	18.30	18.36		
1.4	256QAM	1	5	18.22	18.33	18.16	19	0.5
1.4	256QAM	3	0	18.49	18.44	18.52		
1.4	256QAM	3	1	18.20	18.42	18.37		
1.4	256QAM	3	3	18.28	18.47	18.26		
1.4	256QAM	6	0	18.19	18.36	18.10	19	0.5

Band 66 Ant 4 DSI3 sig path:70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.83	18.98	18.88		
20	QPSK	1	49	18.89	18.83	18.81	19.5	0
20	QPSK	1	99	18.92	18.93	18.83		
20	QPSK	50	0	18.77	18.92	18.65		
20	QPSK	50	24	18.75	18.85	18.81	19.5	0
20	QPSK	50	50	18.73	18.72	18.90		
20	QPSK	100	0	18.82	18.95	18.87		
20	16QAM	1	0	18.88	18.85	18.78		
20	16QAM	1	49	18.93	18.93	18.78	19.5	0
20	16QAM	1	99	18.89	18.86	18.88		
20	16QAM	50	0	18.70	18.93	18.97		
20	16QAM	50	24	18.76	18.85	18.88	19.5	0
20	16QAM	50	50	18.97	18.76	18.96		
20	16QAM	100	0	18.87	18.86	18.80		
20	64QAM	1	0	18.82	18.96	18.90		
20	64QAM	1	49	18.94	18.94	18.88	19.5	0
20	64QAM	1	99	18.81	18.76	18.95		
20	64QAM	50	0	18.69	18.94	18.83		
20	64QAM	50	24	18.67	18.91	18.89	19.5	0
20	64QAM	50	50	18.80	18.69	18.85		
20	64QAM	100	0	18.80	18.88	18.81		
20	256QAM	1	0	18.39	18.46	18.18		
20	256QAM	1	49	18.11	18.38	18.40	19	0.5
20	256QAM	1	99	18.30	18.33	17.98		
20	256QAM	50	0	18.40	18.39	18.39		
20	256QAM	50	24	18.29	18.35	18.19	19	0.5
20	256QAM	50	50	18.40	18.38	18.28		
20	256QAM	100	0	18.15	18.32	18.01		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.87	18.90	18.78		
15	QPSK	1	37	18.77	18.74	18.68	19.5	0
15	QPSK	1	74	18.86	18.84	18.69		
15	QPSK	36	0	18.66	18.81	18.50		
15	QPSK	36	20	18.64	18.71	18.76	19.5	0
15	QPSK	36	39	18.59	18.65	18.85		
15	QPSK	75	0	18.74	18.87	18.82		
15	16QAM	1	0	18.80	18.72	18.72		
15	16QAM	1	37	18.79	18.79	18.73	19.5	0
15	16QAM	1	74	18.81	18.78	18.76		
15	16QAM	36	0	18.56	18.69	18.91		
15	16QAM	36	20	18.62	18.73	18.76	19.5	0
15	16QAM	36	39	18.87	18.65	18.89		
15	16QAM	75	0	18.81	18.80	18.70		
15	64QAM	1	0	18.68	18.78	18.84		
15	64QAM	1	37	18.85	18.83	18.81	19.5	0
15	64QAM	1	74	18.74	18.69	18.87		
15	64QAM	36	0	18.63	18.80	18.92		
15	64QAM	36	20	18.81	18.79	18.79	19.5	0
15	64QAM	36	39	18.75	18.56	18.72		
15	64QAM	75	0	18.75	18.73	18.67		
15	256QAM	1	0	18.34	18.31	18.04		
15	256QAM	1	37	17.99	18.33	18.34	19	0.5
15	256QAM	1	74	18.23	18.17	17.91		
15	256QAM	36	0	18.28	18.26	18.31		
15	256QAM	36	20	18.23	18.20	18.14	19	0.5
15	256QAM	36	39	18.32	18.23	18.22		
15	256QAM	75	0	18.01	18.18	17.87		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.86	18.92	18.82		
10	QPSK	1	25	18.78	18.74	18.69	19.5	0
10	QPSK	1	49	18.81	18.82	18.69		
10	QPSK	25	0	18.69	18.82	18.51		
10	QPSK	25	12	18.61	18.76	18.71	19.5	0
10	QPSK	25	25	18.60	18.62	18.79		
10	QPSK	50	0	18.68	18.84	18.80		
10	16QAM	1	0	18.82	18.78	18.71		
10	16QAM	1	25	18.84	18.79	18.64	19.5	0
10	16QAM	1	49	18.84	18.80	18.82		
10	16QAM	25	0	18.56	18.76	18.86		
10	16QAM	25	12	18.61	18.77	18.73	19.5	0
10	16QAM	25	25	18.84	18.66	18.90		
10	16QAM	50	0	18.76	18.79	18.72		
10	64QAM	1	0	18.72	18.75	18.83		
10	64QAM	1	25	18.89	18.80	18.78	19.5	0
10	64QAM	1	49	18.75	18.66	18.81		
10	64QAM	25	0	18.59	18.80	18.86		
10	64QAM	25	12	18.73	18.81	18.79	19.5	0
10	64QAM	25	25	18.67	18.61	18.72		
10	64QAM	50	0	18.72	18.77	18.73		
10	256QAM	1	0	18.35	18.34	18.03		
10	256QAM	1	25	18.03	18.22	18.28	19	0.5
10	256QAM	1	49	18.18	18.21	17.94		
10	256QAM	25	0	18.25	18.24	18.23		
10	256QAM	25	12	18.20	18.21	18.03	19	0.5
10	256QAM	25	25	18.35	18.25	18.19		
10	256QAM	50	0	18.02	18.23	17.94		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.87	18.91	18.75		
5	QPSK	1	12	18.78	18.69	18.68	19.5	0
5	QPSK	1	24	18.81	18.82	18.74		
5	QPSK	12	0	18.63	18.81	18.53		
5	QPSK	12	7	18.61	18.76	18.74	19.5	0
5	QPSK	12	13	18.59	18.65	18.81		
5	QPSK	25	0	18.72	18.81	18.80		
5	16QAM	1	0	18.81	18.74	18.71		
5	16QAM	1	12	18.80	18.84	18.68	19.5	0
5	16QAM	1	24	18.83	18.77	18.77		
5	16QAM	12	0	18.63	18.69	18.88		
5	16QAM	12	7	18.64	18.72	18.78	19.5	0
5	16QAM	12	13	18.52	18.66	18.90		
5	16QAM	25	0	18.80	18.75	18.70		
5	64QAM	1	0	18.77	18.78	18.78		
5	64QAM	1	12	18.81	18.86	18.78	19.5	0
5	64QAM	1	24	18.69	18.66	18.81		
5	64QAM	12	0	18.62	18.86	18.91		
5	64QAM	12	7	18.76	18.81	18.79	19.5	0
5	64QAM	12	13	18.74	18.54	18.70		
5	64QAM	25	0	18.69	18.75	18.75		
5	256QAM	1	0	18.30	18.36	18.08		
5	256QAM	1	12	17.96	18.28	18.35	19	0.5
5	256QAM	1	24	18.15	18.17	17.92		
5	256QAM	12	0	18.35	18.28	18.28		
5	256QAM	12	7	18.15	18.29	18.15	19	0.5
5	256QAM	12	13	18.29	18.23	18.23		
5	256QAM	25	0	18.04	18.16	17.89		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.84	18.87	18.76		
3	QPSK	1	8	18.83	18.76	18.69	19.5	0
3	QPSK	1	14	18.86	18.79	18.74		
3	QPSK	8	0	18.68	18.77	18.54		
3	QPSK	8	4	18.66	18.77	18.67	19.5	0
3	QPSK	8	7	18.62	18.57	18.84		
3	QPSK	15	0	18.72	18.81	18.79		
3	16QAM	1	0	18.82	18.79	18.64		
3	16QAM	1	8	18.78	18.87	18.64	19.5	0
3	16QAM	1	14	18.81	18.80	18.77		
3	16QAM	8	0	18.62	18.76	18.85		
3	16QAM	8	4	18.65	18.70	18.82	19.5	0
3	16QAM	8	7	18.90	18.62	18.87		
3	16QAM	15	0	18.75	18.80	18.68		
3	64QAM	1	0	18.69	18.79	18.80		
3	64QAM	1	8	18.68	18.88	18.83	19.5	0
3	64QAM	1	14	18.72	18.65	18.88		
3	64QAM	8	0	18.58	18.85	18.92		
3	64QAM	8	4	18.81	18.85	18.78	19.5	0
3	64QAM	8	7	18.71	18.59	18.72		
3	64QAM	15	0	18.69	18.77	18.75		
3	256QAM	1	0	18.33	18.34	18.08		
3	256QAM	1	8	17.96	18.31	18.30	19	0.5
3	256QAM	1	14	18.21	18.22	17.92		
3	256QAM	8	0	18.34	18.25	18.31		
3	256QAM	8	4	18.14	18.31	18.04	19	0.5
3	256QAM	8	7	18.30	18.31	18.12		
3	256QAM	15	0	18.10	18.27	17.87		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.87	18.91	18.78		
1.4	QPSK	1	3	18.83	18.74	18.69		
1.4	QPSK	1	5	18.79	18.82	18.69	19.5	0
1.4	QPSK	3	0	18.64	18.79	18.59		
1.4	QPSK	3	1	18.62	18.74	18.69		
1.4	QPSK	3	3	18.68	18.62	18.80		
1.4	QPSK	6	0	18.72	18.80	18.76	19.5	0
1.4	16QAM	1	0	18.81	18.71	18.70		
1.4	16QAM	1	3	18.86	18.80	18.65		
1.4	16QAM	1	5	18.80	18.74	18.76	19.5	0
1.4	16QAM	3	0	18.63	18.76	18.86		
1.4	16QAM	3	1	18.63	18.71	18.73		
1.4	16QAM	3	3	18.90	18.64	18.83		
1.4	16QAM	6	0	18.74	18.72	18.70	19.5	0
1.4	64QAM	1	0	18.76	18.79	18.80		
1.4	64QAM	1	3	18.80	18.86	18.79		
1.4	64QAM	1	5	18.75	18.71	18.87	19.5	0
1.4	64QAM	3	0	18.57	18.87	18.85		
1.4	64QAM	3	1	18.72	18.83	18.75		
1.4	64QAM	3	3	18.68	18.57	18.78		
1.4	64QAM	6	0	18.67	18.75	18.69	19.5	0
1.4	256QAM	1	0	18.25	18.34	18.04		
1.4	256QAM	1	3	18.03	18.28	18.34		
1.4	256QAM	1	5	18.21	18.19	17.90	19	0.5
1.4	256QAM	3	0	18.24	18.33	18.32		
1.4	256QAM	3	1	18.18	18.20	18.08		
1.4	256QAM	3	3	18.34	18.33	18.22		
1.4	256QAM	6	0	18.10	18.20	17.95	19	0.5

Band 66 Ant 4 DSI3 sig path:453

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.85	18.98	18.79		
20	QPSK	1	49	18.76	18.91	18.92	19.5	0
20	QPSK	1	99	18.80	18.90	18.82		
20	QPSK	50	0	18.94	18.96	18.91		
20	QPSK	50	24	18.88	18.88	18.83	19.5	0
20	QPSK	50	50	18.86	18.75	18.85		
20	QPSK	100	0	18.84	18.90	18.82		
20	16QAM	1	0	18.83	18.79	18.78		
20	16QAM	1	49	18.88	18.78	18.89	19

Reduced Power Mode for Other PA DSI4

Band 2 Ant 0 DSI4 sig path：44

BW [MHz]	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	21.45	21.53	21.16	22.5	0
20	QPSK	1	49	21.34	21.48	21.13		
20	QPSK	1	99	21.47	21.44	21.10		
20	QPSK	50	0	20.43	20.51	20.07	21.5	1
20	QPSK	50	24	20.44	20.42	20.18		
20	QPSK	50	50	20.38	20.37	20.05		
20	QPSK	100	0	20.43	20.47	20.06		
20	16QAM	1	0	20.47	20.56	20.12	21.5	1
20	16QAM	1	49	20.46	20.46	20.07		
20	16QAM	1	99	20.54	20.48	20.11		
20	16QAM	50	0	19.53	19.54	19.18	20.5	2
20	16QAM	50	24	19.48	19.50	19.17		
20	16QAM	50	50	19.38	19.59	19.28		
20	16QAM	100	0	19.40	19.49	19.08		
20	64QAM	1	0	19.43	19.55	19.26	19.5	3
20	64QAM	1	49	19.52	19.42	19.21		
20	64QAM	1	99	19.44	19.59	19.18		
20	64QAM	50	0	18.58	18.48	18.13		
20	64QAM	50	24	18.58	18.49	18.19		
20	64QAM	50	50	18.42	18.58	18.17		
20	64QAM	100	0	18.45	18.52	18.15		
20	256QAM	1	0	16.68	16.65	16.26	17.5	5
20	256QAM	1	49	16.48	16.65	16.40		
20	256QAM	1	99	16.54	16.64	16.20		
20	256QAM	50	0	16.75	16.72	16.52		
20	256QAM	50	24	16.55	16.67	16.27		
20	256QAM	50	50	16.63	16.70	16.31		
20	256QAM	100	0	16.52	16.69	16.20		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.48	21.49	21.18	22.5	0
15	QPSK	1	37	21.27	21.49	21.11		
15	QPSK	1	74	21.42	21.44	21.03		
15	QPSK	36	0	20.38	20.45	19.99	21.5	1
15	QPSK	36	20	20.41	20.45	20.21		
15	QPSK	36	39	20.38	20.36	20.03		
15	QPSK	75	0	20.42	20.39	20.08		
15	16QAM	1	0	20.45	20.58	20.11	21.5	1
15	16QAM	1	37	20.50	20.46	20.15		
15	16QAM	1	74	20.55	20.43	20.14		
15	16QAM	36	0	19.53	19.54	19.12	20.5	2
15	16QAM	36	20	19.50	19.49	19.21		
15	16QAM	36	39	19.35	19.56	19.26		
15	16QAM	75	0	19.33	19.52	19.05		
15	64QAM	1	0	19.35	19.49	19.22	19.5	3
15	64QAM	1	37	19.56	19.38	19.13		
15	64QAM	1	74	19.47	19.52	19.12		
15	64QAM	36	0	18.51	18.50	18.11		
15	64QAM	36	20	18.58	18.45	18.21		
15	64QAM	36	39	18.45	18.57	18.19		
15	64QAM	75	0	18.41	18.51	18.14		
15	256QAM	1	0	16.68	16.67	16.30	17.5	5
15	256QAM	1	37	16.50	16.65	16.38		
15	256QAM	1	74	16.53	16.64	16.20		
15	256QAM	36	0	16.74	16.72	16.49		
15	256QAM	36	20	16.55	16.69	16.31		
15	256QAM	36	39	16.65	16.72	16.30		
15	256QAM	75	0	16.48	16.64	16.21		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.44	21.46	21.13	22.5	0
10	QPSK	1	25	21.31	21.47	21.11		
10	QPSK	1	49	21.44	21.44	21.02		
10	QPSK	25	0	20.41	20.52	20.10	21.5	1
10	QPSK	25	12	20.44	20.38	20.16		
10	QPSK	25	25	20.37	20.34	20.05		
10	QPSK	50	0	20.37	20.50	20.07		
10	16QAM	1	0	20.39	20.51	20.13	21.5	1
10	16QAM	1	25	20.40	20.40	20.09		
10	16QAM	1	49	20.54	20.48	20.07		
10	16QAM	25	0	19.55	19.53	19.14	20.5	2
10	16QAM	25	12	19.48	19.46	19.15		
10	16QAM	25	25	19.33	19.54	19.24		
10	16QAM	50	0	19.34	19.48	19.02		
10	64QAM	1	0	19.42	19.52	19.25	19.5	3
10	64QAM	1	25	19.51	19.42	19.21		
10	64QAM	1	49	19.36	19.60	19.14		
10	64QAM	25	0	18.46	18.48	18.19		
10	64QAM	25	12	18.53	18.48	18.16		
10	64QAM	25	25	18.36	18.52	18.11		
10	64QAM	50	0	18.43	18.47	18.12		
10	256QAM	1	0	16.65	16.71	16.26	17.5	5
10	256QAM	1	25	16.51	16.58	16.43		
10	256QAM	1	49	16.57	16.64	16.25		
10	256QAM	25	0	16.78	16.66	16.55		
10	256QAM	25	12	16.59	16.60	16.34		
10	256QAM	25	25	16.65	16.65	16.33		
10	256QAM	50	0	16.45	16.57	16.23		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.46	21.49	21.09	22.5	0
5	QPSK	1	12	21.29	21.46	21.11		
5	QPSK	1	24	21.46	21.39	21.07		
5	QPSK	12	0	20.38	20.53	20.12	21.5	1
5	QPSK	12	7	20.42	20.44	20.18		
5	QPSK	12	13	20.32	20.35	20.07		
5	QPSK	25	0	20.41	20.42	20.06		
5	16QAM	1	0	20.45	20.51	20.09	21.5	1
5	16QAM	1	12	20.41	20.46	20.04		
5	16QAM	1	24	20.54	20.51	20.09		
5	16QAM	12	0	19.54	19.57	19.20	20.5	2
5	16QAM	12	7	19.41	19.45	19.21		
5	16QAM	12	13	19.33	19.51	19.25		
5	16QAM	25	0	19.43	19.42	19.10		
5	64QAM	1	0	19.40	19.53	19.21	19.5	3
5	64QAM	1	12	19.56	19.38	19.21		
5	64QAM	1	24	19.47	19.56	19.13		
5	64QAM	12	0	18.51	18.55	18.17		
5	64QAM	12	7	18.61	18.55	18.11		
5	64QAM	12	13	18.39	18.50	18.18		
5	64QAM	25	0	18.46	18.53	18.09		
5	256QAM	1	0	16.65	16.69	16.31	17.5	5
5	256QAM	1	12	16.41	16.68	16.42		
5	256QAM	1	24	16.55	16.65	16.19		
5	256QAM	12	0	16.74	16.73	16.48		
5	256QAM	12	7	16.51	16.71	16.24		
5	256QAM	12	13	16.65	16.67	16.34		
5	256QAM	25	0	16.49	16.66	16.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.44	21.50	21.10	22.5	0
3	QPSK	1	8	21.31	21.41	21.08		
3	QPSK	1	14	21.43	21.42	21.12		
3	QPSK	8	0	20.43	20.55	20.14	21.5	1
3	QPSK	8	4	20.46	20.44	20.19		
3	QPSK	8	7	20.38	20.46	20.05		
3	QPSK	15	0	20.41	20.49	20.03		
3	16QAM	1	0	20.43	20.57	20.20	21.5	1
3	16QAM	1	8	20.47	20.43	20.15		
3	16QAM	1	14	20.57	20.45	20.09		
3	16QAM	8	0	19.46	19.55	19.20	20.5	2
3	16QAM	8	4	19.50	19.45	19.15		
3	16QAM	8	7	19.31	19.53	19.22		
3	16QAM	15	0	19.42	19.49	19.10		
3	64QAM	1	0	19.40	19.53	19.22	19.5	3
3	64QAM	1	8	19.54	19.42	19.22		
3	64QAM	1	14	19.47	19.62	19.17		
3	64QAM	8	0	18.50	18.55	18.08		
3	64QAM	8	4	18.52	18.47	18.19		
3	64QAM	8	7	18.41	18.58	18.11		
3	64QAM	15	0	18.47	18.50	18.16		
3	256QAM	1	0	16.65	16.62	16.30	17.5	5
3	256QAM	1	8	16.52	16.67	16.38		
3	256QAM	1	14	16.56	16.62	16.17		
3	256QAM	8	0	16.77	16.72	16.45		
3	256QAM	8	4	16.49	16.59	16.31		
3	256QAM	8	7	16.62	16.72	16.27		
3	256QAM	15	0	16.46	16.64	16.20		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.42	21.45	21.11	22.5	0
1.4	QPSK	1	3	21.34	21.40	21.15		
1.4	QPSK	1	5	21.49	21.47	21.13		
1.4	QPSK	3	0	21.39	21.40	21.20		
1.4	QPSK	3	1	21.34	21.35	21.15		
1.4	QPSK	3	3	21.29	21.34	21.02		
1.4	QPSK	6	0	20.45	20.51	20.11	21.5	1
1.4	16QAM	1	0	20.47	20.41	20.18	21.5	1
1.4	16QAM	1	3	20.31	20.35	19.98		
1.4	16QAM	1	5	20.40	20.46	20.03		
1.4	16QAM	3	0	20.47	20.52	20.07		
1.4	16QAM	3	1	20.41	20.41	20.07		
1.4	16QAM	3	3	20.49	20.41	20.04		
1.4	16QAM	6	0	19.55	19.52	19.21	20.5	2
1.4	64QAM	1	0	19.44	19.45	19.11	20.5	2
1.4	64QAM	1	3	19.33	19.53	19.22		
1.4	64QAM	1	5	19.44	19.45	19.05		
1.4	64QAM	3	0	19.40	19.58	19.24		
1.4	64QAM	3	1	19.53	19.39	19.18		
1.4	64QAM	3	3	19.45	19.60	19.19		
1.4	64QAM	6	0	18.41	18.44	18.22	19.5	3
1.4	256QAM	1	0	16.66	16.69	16.27	17.5	5
1.4	256QAM	1	3	16.42	16.61	16.33		
1.4	256QAM	1	5	16.49	16.58	16.27		
1.4	256QAM	3	0	16.69	16.69	16.54		
1.4	256QAM	3	1	16.51	16.67	16.27		
1.4	256QAM	3	3	16.64	16.72	16.24		
1.4	256QAM	6	0	16.53	16.67	16.25	17.5	5

Band 2 Ant 0 DSI4 sig path：456

BW [MHz]	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	21.51	21.63	21.30	22.5	0
20	QPSK	1	49	21.42	21.59	21.17		
20	QPSK	1	99	21.56	21.52	21.25		
20	QPSK	50	0	20.57	20.61	20.18	21.5	1
20	QPSK	50	24	20.49	20.58	20.32		
20	QPSK	50	50	20.47	20.47	20.12		
20	QPSK	100	0	20.51	20.56	20.19		
20	16QAM	1	0	20.60	20.60	20.27	21.5	1
20	16QAM	1	49	20.52	20.55	20.21		
20	16QAM	1	99	20.65	20.57	20.21		
20	16QAM	50	0	19.68	19.63	19.29	20.5	2
20	16QAM	50	24	19.53	19.58	19.32		
20	16QAM	50	50	19.42	19.65	19.41		
20	16QAM	100	0	19.46	19.60	19.16		
20	64QAM	1	0	19.47	19.61	19.34	20.5	2
20	64QAM	1	49	19.61	19.51	19.27		
20	64QAM	1	99	19.56	19.72	19.22		
20	64QAM	50	0	18.65	18.62	18.22	19.5	3
20	64QAM	50	24	18.64	18.62	18.23		
20	64QAM	50	50	18.49	18.71	18.30		
20	64QAM	100	0	18.49	18.61	18.21		
20	256QAM	1	0	16.85	16.76	16.40	17.5	5
20	256QAM	1	49	16.55	16.70	16.51		
20	256QAM	1	99	16.60	16.77	16.38		
20	256QAM	50	0	16.81	16.78	16.64		
20	256QAM	50	24	16.66	16.76	16.33		
20	256QAM	50	50	16.77	16.81	16.45		
20	256QAM	100	0	16.63	16.80	16.34		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.44	21.56	21.15	22.5	0
15	QPSK	1	37	21.27	21.46	21.07		
15	QPSK	1	74	21.43	21.41	21.10		
15	QPSK	36	0	20.52	20.47	20.02	21.5	1
15	QPSK	36	20	20.46	20.43	20.26		
15	QPSK	36	39	20.36	20.40	20.03		
15	QPSK	75	0	20.37	20.49	20.14		
15	16QAM	1	0	20.47	20.49	20.20	21.5	1
15	16QAM	1	37	20.57	20.47	20.16		
15	16QAM	1	74	20.57	20.47	20.14		
15	16QAM	36	0	19.56	19.50	19.17	20.5	2
15	16QAM	36	20	19.42	19.48	19.19		
15	16QAM	36	39	19.29	19.51	19.28		
15	16QAM	75	0	19.39	19.51	19.11		
15	64QAM	1	0	19.40	19.56	19.28	19.5	3
15	64QAM	1	37	19.45	19.45	19.15		
15	64QAM	1	74	19.46	19.54	19.23		
15	64QAM	36	0	18.57	18.56	18.21		
15	64QAM	36	20	18.54	18.55	18.20		
15	64QAM	36	39	18.39	18.63	18.16		
15	64QAM	75	0	18.45	18.50	18.06		
15	256QAM	1	0	16.67	16.71	16.28	17.5	5
15	256QAM	1	37	16.43	16.60	16.46		
15	256QAM	1	74	16.50	16.69	16.29		
15	256QAM	36	0	16.77	16.80	16.50		
15	256QAM	36	20	16.56	16.64	16.35		
15	256QAM	36	39	16.63	16.75	16.40		
15	256QAM	75	0	16.50	16.66	16.19		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.42	21.51	21.21	22.5	0
10	QPSK	1	25	21.35	21.54	21.13		
10	QPSK	1	49	21.41	21.43	21.09		
10	QPSK	25	0	20.49	20.52	20.05	21.5	1
10	QPSK	25	12	20.37	20.47	20.17		
10	QPSK	25	25	20.37	20.37	20.07		
10	QPSK	50	0	20.45	20.41	20.06		
10	16QAM	1	0	20.52	20.50	20.14	21.5	1
10	16QAM	1	25	20.37	20.49	20.15		
10	16QAM	1	49	20.58	20.45	20.17		
10	16QAM	25	0	19.56	19.54	19.13	20.5	2
10	16QAM	25	12	19.38	19.45	19.26		
10	16QAM	25	25	19.36	19.59	19.26		
10	16QAM	50	0	19.34	19.51	19.05		
10	64QAM	1	0	19.40	19.55	19.18	20.5	2
10	64QAM	1	25	19.41	19.47	19.15		
10	64QAM	1	49	19.48	19.57	19.17		
10	64QAM	25	0	18.53	18.53	18.11	19.5	3
10	64QAM	25	12	18.54	18.49	18.17		
10	64QAM	25	25	18.40	18.56	18.23		
10	64QAM	50	0	18.38	18.56	18.16		
10	256QAM	1	0	16.71	16.69	16.32	17.5	5
10	256QAM	1	25	16.47	16.58	16.39		
10	256QAM	1	49	16.47	16.63	16.27		
10	256QAM	25	0	16.75	16.67	16.54		
10	256QAM	25	12	16.58	16.58	16.28		
10	256QAM	25	25	16.71	16.70	16.29		
10	256QAM	50	0	16.56	16.68	16.23		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.45	21.49	21.19	22.5	0
5	QPSK	1	12	21.32	21.45	21.02		
5	QPSK	1	24	21.51	21.45	21.20		
5	QPSK	12	0	20.45	20.51	20.11	21.5	1
5	QPSK	12	7	20.45	20.53	20.26		
5	QPSK	12	13	20.37	20.34	20.07		
5	QPSK	25	0	20.42	20.43	20.04		
5	16QAM	1	0	20.51	20.53	20.15	21.5	1
5	16QAM	1	12	20.38	20.48	20.16		
5	16QAM	1	24	20.50	20.45	20.06		
5	16QAM	12	0	19.64	19.59	19.22	20.5	2
5	16QAM	12	7	19.38	19.52	19.23		
5	16QAM	12	13	19.29	19.56	19.33		
5	16QAM	25	0	19.35	19.47	19.08		
5	64QAM	1	0	19.33	19.50	19.20	19.5	3
5	64QAM	1	12	19.54	19.44	19.22		
5	64QAM	1	24	19.45	19.67	19.17		
5	64QAM	12	0	18.54	18.57	18.12		
5	64QAM	12	7	18.53	18.51	18.10		
5	64QAM	12	13	18.43	18.59	18.20		
5	64QAM	25	0	18.36	18.51	18.16		
5	256QAM	1	0	16.67	16.65	16.30	17.5	5
5	256QAM	1	12	16.45	16.66	16.44		
5	256QAM	1	24	16.44	16.69	16.29		
5	256QAM	12	0	16.71	16.72	16.55	17.5	5
5	256QAM	12	7	16.55	16.59	16.31		
5	256QAM	12	13	16.72	16.71	16.29		
5	256QAM	25	0	16.51	16.69	16.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.46	21.54	21.23	22.5	0
3	QPSK	1	8	21.38	21.48	21.11		
3	QPSK	1	14	21.43	21.38	21.17		
3	QPSK	8	0	20.43	20.48	20.03	21.5	1
3	QPSK	8	4	20.44	20.51	20.24		
3	QPSK	8	7	20.33	20.39	20.04		
3	QPSK	15	0	20.39	20.51	20.14		
3	16QAM	1	0	20.51	20.47	20.17	21.5	1
3	16QAM	1	8	20.45	20.45	20.16		
3	16QAM	1	14	20.52	20.47	20.11		
3	16QAM	8	0	19.62	19.56	19.15	20.5	2
3	16QAM	8	4	19.47	19.46	19.27		
3	16QAM	8	7	19.27	19.52	19.37		
3	16QAM	15	0	19.38	19.49	19.09		
3	64QAM	1	0	19.32	19.50	19.21	19.5	3
3	64QAM	1	8	19.50	19.37	19.20		
3	64QAM	1	14	19.50	19.59	19.16		
3	64QAM	8	0	18.58	18.49	18.17		
3	64QAM	8	4	18.51	18.58	18.16		
3	64QAM	8	7	18.35	18.60	18.16		
3	64QAM	15	0	18.42	18.54	18.10		
3	256QAM	1	0	16.71	16.68	16.27	17.5	5
3	256QAM	1	8	16.42	16.58	16.43		
3	256QAM	1	14	16.47	16.70	16.28		
3	256QAM	8	0	16.70	16.69	16.49		
3	256QAM	8	4	16.59	16.58	16.28	17.5	5
3	256QAM	8	7	16.70	16.70	16.32		
3	256QAM	15	0	16.51	16.73	16.29		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.47	21.52	21.26	22.5	0
1.4	QPSK	1	3	21.32	21.45	21.05		
1.4	QPSK	1	5	21.51	21.39	21.12		
1.4	QPSK	3	0	21.38	21.48	21.21		
1.4	QPSK	3	1	21.37	21.46	21.06		
1.4	QPSK	3	3	21.43	21.36	21.13		
1.4	QPSK	6	0	20.53	20.46	20.07	21.5	1
1.4	16QAM	1	0	20.37	20.50	20.20	21.5	1
1.4	16QAM	1	3	20.31	20.40	20.08		
1.4	16QAM	1	5	20.39	20.42	20.13		
1.4	16QAM	3	0	20.53	20.53	20.12		
1.4	16QAM	3	1	20.38	20.45	20.12		
1.4	16QAM	3	3	20.52	20.44	20.06		
1.4	16QAM	6	0	19.57	19.57	19.13	20.5	2
1.4	64QAM	1	0	19.42	19.49	19.25	20.5	2
1.4	64QAM	1	3	19.31	19.60	19.34		
1.4	64QAM	1	5	19.37	19.49	19.19		
1.4	64QAM	3	0	19.48	19.58	19.22		
1.4	64QAM	3	1	19.47	19.37	19.15		
1.4	64QAM	3	3	19.48	19.55	19.11		
1.4	64QAM	6	0	18.51	18.58	18.16	19.5	3
1.4	256QAM	1	0	16.75	16.70	16.26	17.5	5
1.4	256QAM	1	3	16.45	16.64	16.41		
1.4	256QAM	1	5	16.59	16.65	16.32		
1.4	256QAM	3	0	16.46	16.60	16.54		
1.4	256QAM	3	1	16.58	16.56	16.31		
1.4	256QAM	3	3	16.72	16.75	16.37		
1.4	256QAM	6	0	16.58	16.69	16.20	17.5	5

Band 4 Ant 0 DSI4 sig path：69

BW [MHz]	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	22.08	22.13	22.06	23	0
20	QPSK	1	49	21.95	22.12	21.95		
20	QPSK	1	99	22.01	22.12	21.96		
20	QPSK	50	0	21.01	21.15	20.98	22	1
20	QPSK	50	24	21.06	21.10	21.06		
20	QPSK	50	50	21.02	21.13	21.07		
20	QPSK	100	0	21.02	21.12	21.09		
20	16QAM	1	0	21.07	21.21	21.06	22	1
20	16QAM	1	49	21.10	21.07	21.03		
20	16QAM	1	99	21.13	21.08	21.06		
20	16QAM	50	0	20.13	20.15	20.06	21	2
20	16QAM	50	24	20.04	20.17

Band 25 Ant 0 DSI4 sig path：45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.57	21.65	21.24	22.5	0
20	QPSK	1	49	21.39	21.58	21.17		
20	QPSK	1	99	21.62	21.50	21.19		
20	QPSK	50	0	20.58	20.65	20.23	21.5	1
20	QPSK	50	24	20.57	20.65	20.29		
20	QPSK	50	50	20.44	20.45	20.24		
20	QPSK	100	0	20.51	20.58	20.13		
20	16QAM	1	0	20.58	20.65	20.30		
20	16QAM	1	49	20.60	20.58	20.21	21.5	1
20	16QAM	1	99	20.61	20.63	20.26		
20	16QAM	50	0	19.65	19.70	19.22		
20	16QAM	50	24	19.55	19.65	19.32	20.5	2
20	16QAM	50	50	19.47	19.66	19.37		
20	16QAM	100	0	19.47	19.61	19.13		
20	64QAM	1	0	19.58	19.66	19.34		
20	64QAM	1	49	19.63	19.54	19.37	20.5	2
20	64QAM	1	99	19.56	19.70	19.28		
20	64QAM	50	0	18.69	18.73	18.29		
20	64QAM	50	24	18.73	18.58	18.30	19.5	3
20	64QAM	50	50	18.53	18.72	18.25		
20	64QAM	100	0	18.59	18.62	18.21		
20	256QAM	1	0	16.80	16.82	16.41		
20	256QAM	1	49	16.66	16.73	16.54	17.5	5
20	256QAM	1	99	16.61	16.74	16.37		
20	256QAM	50	0	16.79	16.80	16.68		
20	256QAM	50	24	16.59	16.81	16.31	17.5	5
20	256QAM	50	50	16.70	16.75	16.47		
20	256QAM	100	0	16.59	16.75	16.34		
Channel				26715	26340	25915	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.43	21.59	21.20	22.5	0
15	QPSK	1	37	21.28	21.53	21.11		
15	QPSK	1	74	21.49	21.37	21.19		
15	QPSK	36	0	20.42	20.55	20.09		
15	QPSK	36	20	20.46	20.40	20.17	21.5	1
15	QPSK	36	39	20.37	20.32	20.17		
15	QPSK	75	0	20.37	20.47	20.07		
15	16QAM	1	0	20.44	20.50	20.19		
15	16QAM	1	37	20.60	20.43	20.11	21.5	1
15	16QAM	1	74	20.48	20.49	20.15		
15	16QAM	36	0	19.51	19.65	19.18		
15	16QAM	36	20	19.50	19.55	19.23	20.5	2
15	16QAM	36	39	19.33	19.57	19.24		
15	16QAM	75	0	19.31	19.56	19.06		
15	64QAM	1	0	19.43	19.55	19.26		
15	64QAM	1	37	19.51	19.39	19.24	20.5	2
15	64QAM	1	74	19.43	19.56	19.14		
15	64QAM	36	0	18.60	18.46	18.28		
15	64QAM	36	20	18.62	18.43	18.35	19.5	3
15	64QAM	36	39	18.40	18.67	18.22		
15	64QAM	75	0	18.55	18.50	18.16		
15	256QAM	1	0	16.73	16.67	16.33		
15	256QAM	1	37	16.46	16.64	16.45	17.5	5
15	256QAM	1	74	16.48	16.64	16.32		
15	256QAM	36	0	16.58	16.68	16.59		
15	256QAM	36	20	16.43	16.68	16.24	17.5	5
15	256QAM	36	39	16.57	16.68	16.42		
15	256QAM	75	0	16.47	16.66	16.19		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.42	21.53	21.24	22.5	0
10	QPSK	1	25	21.32	21.48	21.20		
10	QPSK	1	49	21.55	21.37	21.14		
10	QPSK	25	0	20.55	20.55	20.16	21.5	1
10	QPSK	25	12	20.51	20.49	20.18		
10	QPSK	25	25	20.32	20.33	20.15		
10	QPSK	50	0	20.36	20.53	20.09		
10	16QAM	1	0	20.50	20.57	20.23	21.5	1
10	16QAM	1	25	20.47	20.51	20.08		
10	16QAM	1	49	20.53	20.51	20.19		
10	16QAM	25	0	19.53	19.63	19.18		
10	16QAM	25	12	19.46	19.52	19.38	20.5	2
10	16QAM	25	25	19.42	19.52	19.39		
10	16QAM	50	0	19.32	19.53	19.09		
10	64QAM	1	0	19.53	19.51	19.29		
10	64QAM	1	25	19.49	19.38	19.23	20.5	2
10	64QAM	1	49	19.46	19.61	19.24		
10	64QAM	25	0	18.60	18.47	18.33		
10	64QAM	25	12	18.62	18.46	18.35	19.5	3
10	64QAM	25	25	18.48	18.63	18.21		
10	64QAM	50	0	18.52	18.58	18.11		
10	256QAM	1	0	16.69	16.68	16.32		
10	256QAM	1	25	16.47	16.58	16.42	17.5	5
10	256QAM	1	49	16.51	16.64	16.29		
10	256QAM	25	0	16.72	16.66	16.63		
10	256QAM	25	12	16.44	16.75	16.28	17.5	5
10	256QAM	25	25	16.54	16.63	16.43		
10	256QAM	50	0	16.47	16.68	16.26		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.41	21.55	21.27	22.5	0
5	QPSK	1	12	21.33	21.49	21.11		
5	QPSK	1	24	21.57	21.36	21.22		
5	QPSK	12	0	20.48	20.52	20.17	21.5	1
5	QPSK	12	7	20.46	20.43	20.15		
5	QPSK	12	13	20.37	20.32	20.18		
5	QPSK	25	0	20.36	20.46	19.97		
5	16QAM	1	0	20.49	20.52	20.14		
5	16QAM	1	12	20.49	20.52	20.11	21.5	1
5	16QAM	1	24	20.50	20.56	20.20		
5	16QAM	12	0	19.51	19.63	19.13		
5	16QAM	12	7	19.48	19.51	19.25	20.5	2
5	16QAM	12	13	19.41	19.53	19.23		
5	16QAM	25	0	19.32	19.51	19.06		
5	64QAM	1	0	19.53	19.41	19.29		
5	64QAM	1	12	19.57	19.42	19.36	20.5	2
5	64QAM	1	24	19.41	19.66	19.22		
5	64QAM	12	0	18.64	18.49	18.32		
5	64QAM	12	7	18.60	18.52	18.33	19.5	3
5	64QAM	12	13	18.39	18.56	18.21		
5	64QAM	25	0	18.50	18.54	18.12		
5	256QAM	1	0	16.64	16.77	16.31		
5	256QAM	1	12	16.45	16.67	16.43	17.5	5
5	256QAM	1	24	16.49	16.60	16.33		
5	256QAM	12	0	16.68	16.66	16.56		
5	256QAM	12	7	16.45	16.71	16.24	17.5	5
5	256QAM	12	13	16.55	16.63	16.41		
5	256QAM	25	0	16.45	16.64	16.30		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.51	21.56	21.26	22.5	0
3	QPSK	1	8	21.36	21.51	21.15		
3	QPSK	1	14	21.46	21.39	21.22		
3	QPSK	8	0	20.42	20.51	20.16		
3	QPSK	8	4	20.46	20.50	20.20	21.5	1
3	QPSK	8	7	20.39	20.46	20.14		
3	QPSK	15	0	20.42	20.48	20.04		
3	16QAM	1	0	20.43	20.51	20.20		
3	16QAM	1	8	20.50	20.46	20.12	21.5	1
3	16QAM	1	14	20.46	20.57	20.19		
3	16QAM	8	0	19.51	19.63	19.18		
3	16QAM	8	4	19.49	19.53	19.27	20.5	2
3	16QAM	8	7	19.35	19.51	19.38		
3	16QAM	15	0	19.36	19.50	19.09		
3	64QAM	1	0	19.52	19.41	19.29		
3	64QAM	1	8	19.56	19.38	19.23	20.5	2
3	64QAM	1	14	19.43	19.63	19.20		
3	64QAM	8	0	18.54	18.52	18.27		
3	64QAM	8	4	18.68	18.53	18.34	19.5	3
3	64QAM	8	7	18.40	18.66	18.25		
3	64QAM	15	0	18.54	18.52	18.06		
3	256QAM	1	0	16.71	16.77	16.36		
3	256QAM	1	8	16.44	16.66	16.55	17.5	5
3	256QAM	1	14	16.46	16.68	16.35		
3	256QAM	8	0	16.74	16.65	16.63		
3	256QAM	8	4	16.48	16.70	16.28	17.5	5
3	256QAM	8	7	16.64	16.66	16.50		
3	256QAM	15	0	16.51	16.67	16.24		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.52	21.55	21.24	22.5	0
1.4	QPSK	1	3	21.24	21.45	21.11		
1.4	QPSK	1	5	21.57	21.38	21.15		
1.4	QPSK	3	0	21.50	21.52	21.12		
1.4	QPSK	3	1	21.31	21.50	21.10		
1.4	QPSK	3	3	21.57	21.40	21.07		
1.4	QPSK	6	0	20.52	20.49	20.12	21.5	1
1.4	16QAM	1	0	20.52	20.49	20.15		
1.4	16QAM	1	3	20.29	20.40	20.11		
1.4	16QAM	1	5	20.37	20.54	20.08	21.5	1
1.4	16QAM	3	0	20.48	20.61	20.18		
1.4	16QAM	3	1	20.45	20.51	20.13		
1.4	16QAM	3	3	20.51	20.49	20.21		
1.4	16QAM	6	0	19.59	19.66	19.16	20.5	2
1.4	64QAM	1	0	19.42	19.56	19.26		
1.4	64QAM	1	3	19.40	19.52	19.39		
1.4	64QAM	1	5	19.39	19.55	19.15	20.5	2
1.4	64QAM	3	0	19.53	19.56	19.23		
1.4	64QAM	3	1	19.48	19.49	19.27		
1.4	64QAM	3	3	19.51	19.57	19.20		
1.4	64QAM	6	0	18.46	18.51	18.13	19.5	3
1.4	256QAM	1	0	16.68	16.76	16.36		
1.4	256QAM	1	3	16.49	16.64	16.54		
1.4	256QAM	1	5	16.49	16.65	16.35	17.5	5
1.4	256QAM	3	0	16.70	16.65	16.64		
1.4	256QAM	3	1	16.44	16.74	16.28		
1.4	256QAM	3	3	16.55	16.62	16.50		
1.4	256QAM	6	0	16.48	16.65	16.28	17.5	5

Band 25 Ant 0 DSI4 sig path：457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.61	21.69	21.27	22.5	0
20	QPSK	1	49	21.39	21.65	21.26		
20	QPSK	1	99	21.62	21.53	21.29		
20	QPSK	50	0	20.61	20.74	20.30	21.5	1
20	QPSK	50	24	20.63	20.68	20.38		
20	QPSK	50	50	20.48	20.51	20.35		
20	QPSK	100	0	20.53	20.61	20.12		
20	16QAM	1	0	20.65	20.75	20.34		
20	16QAM	1	49	20.66	20.57	20.25	21.5	1
20	16QAM	1	99	20.64	20.68	20.35		
20	16QAM	50	0	19.69	19.74	19.24		
20	16QAM	50	24	19.59	19.71	19.40	20.5	2
20	16QAM	50	50	19.56	19.71	19.37		
20	16QAM	100	0	19.49	19.60	19.14		
20	64QAM	1	0	19.59	19.77	19.33		
20	64QAM	1	49	19.66	19.56	19.46	20.5	2
20	64QAM	1	99	19.66	19.78	19.32		
20	64QAM	50	0	18.72	18.77	18.33		
20	64QAM	50	24	18.72	18.60	18.34	19.5	3
20	64QAM	50	50	18.64	18.71	18.33		
20	64QAM	100	0	18.61	18.66	18.27		
20	256QAM	1	0	16.87	16.85	16.49		
20	256QAM	1	49	16.65	16.72	16.61	17.5	5
20	256QAM	1	99	16.71	16.82	16.37		
20	256QAM	50	0	16.85	16.89	16.70		
20	256QAM	50	24	16.69	16.86	16.40	17.5	5
20	256QAM	50	50	16.73	16.81	16.48		
20	256QAM	100	0	16.64	16.81	16.43		
Channel				26715	26340	25915	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.53	21.56	21.14	22.5	0
15	QPSK	1	37	21.25	21.51	21.21		
15	QPSK	1	74	21.51	21.41	21.17		
15	QPSK	36	0	20.54	20.62	20.18		
15	QPSK	36	20	20.49	20.42	20.26	21.5	1
15	QPSK	36	39	20.42	20.44	20.26		
15	QPSK	75	0	20.42	20.48	20.05		
15	16QAM	1	0	20.58	20.60	20.31		
15	16QAM	1	37	20.57	20.52	20.06	21.5	1
15	16QAM	1	74	20.52	20.55	20.37		
15	16QAM	36	0	19.63	19.65	19.24		
15	16QAM	36	20	19.49	19.64	19.38	20.5	2
15	16QAM	36	39	19.47	19.63	19.38		
15	16QAM	75	0	19.38	19.49	19.09		
15	64QAM	1	0	19.51	19.69	19.19		
15	64QAM	1	37	19.55	19.52	19.37	20.5	2
15	64QAM	1	74	19.60	19.64	19.27		
15	64QAM	36	0	18.69	18.57	18.34		
15	64QAM	36	20	18.63	18.51	18.33	19.5	3
15	64QAM	36	39	18.53	18.67	18.28		
15	64QAM	75	0	18.55	18.56	18.16		
15	256QAM	1	0	16.72	16.73	16.44		
15	256QAM	1	37	16.55	16.67	16.46	17.5	5
15	256QAM	1	74	16.63	16.76	16.30		
15	256QAM	36	0	16.68	16.76	16.64		
15	256QAM	36	20	16.59	16.70	16.31	17.5	5
15	256QAM	36	39	16.61	16.71	16.41		
15	256QAM	75	0	16.51	16.76	16.28		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.50	21.55	21.19	22.5	0
10	QPSK	1	25	21.24	21.52	21.22		
10	QPSK	1	49	21.55	21.40	21.18		
10	QPSK	25	0	20.50	20.68	20.23	21.5	1
10	QPSK	25	12	20.52	20.43	20.30		
10	QPSK	25	25	20.44	20.47	20.25		
10	QPSK	50	0	20.42	20.56	20.07		
10	16QAM	1	0	20.48	20.68	20.27	21.5	1
10	16QAM	1	25	20.54	20.46	20.21		
10	16QAM	1	49	20.53	20.57	20.33		
10	16QAM	25	0	19.64	19.68	19.25		
10	16QAM	25	12	19.46	19.61	19.43	20.5	2
10	16QAM	25	25	19.46	19.63	19.42		
10	16QAM	50	0	19.45	19.47	19.08		
10	64QAM	1	0	19.53	19.65	19.27		
10	64QAM	1	25	19.59	19.56	19.01	20.5	2
10	64QAM	1	49	19.60	19.65	19.16		
10	64QAM	25	0	18.62	18.52	18.23		
10	64QAM	25	12	18.56	18.47	18.22	19.5	3
10	64QAM	25	25	18.56	18.63	18.19		
10	64QAM	50	0	18.45	18.55	18.13		
10	256QAM	1	0	16.80	16.76	16.54		
10	256QAM	1	25	16.53	16.64	16.65	17.5	5
10	256QAM	1	49	16.64	16.74	16.32		
10	256QAM	25	0	16.74	16.74	16.59		
10	256QAM	25	12	16.55	16.75	16.28	17.5	5
10	256QAM	25	25	16.64	16.76	16.41		
10	256QAM	50	0	16.48	16.73	16.31		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.54	21.63	21.16	22.5	0
5	QPSK	1	12	21.29	21.52	21.18		
5	QPSK	1	24	21.52	21.45	21.20		
5	QPSK	12	0	20.51	20.69	20.24	21.5	1
5	QPSK	12	7	20.51	20.42	20.33		
5	QPSK	12	13	20.43	20.38	20.20		
5	QPSK	25	0	20.38	20.46	20.07		
5	16QAM	1	0	20.53	20.70	20.30		
5	16QAM	1	12	20.52	20.51	20.27	21.5	1
5	16QAM	1	24	20.57	20.61	20.36		
5	16QAM	12	0	19.54	19.65	19.21		
5	16QAM	12	7	19.45	19.57	19.46	20.5	2
5	16QAM	12	13	19.40	19.57	19.33		
5	16QAM	25	0	19.38	19.45	19.09		
5	64QAM	1	0	19.64	19.64	19.26		
5	64QAM	1	12	19.62	19.41	19.30	20.5	2
5	64QAM	1	24	19.61	19.68	19.21		
5	64QAM	12	0	18.69	18.57	18.27		
5	64QAM	12	7	18.62	18.57	18.19	19.5	3
5	64QAM	12	13	18.52	18.66	18.21		
5	64QAM	25	0	18.55	18.60	18.18		
5	256QAM	1	0	16.80	16.76	16.44		
5	256QAM	1	12	16.62	16.65	16.65	17.5	5
5	256QAM	1	24	16.59	16.67	16.36		
5	256QAM	12	0	16.81	16.82	16.75		
5	256QAM	12	7	16.60	16.79	16.36	17.5	5
5	256QAM	12	13	16.67	16.75	16.49		
5	256QAM	25	0	16.51	16.76	16.28		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.53	21.61	21.21	22.5	0
3	QPSK	1	8	21.33	21.52	21.16		
3	QPSK	1	14	21.53	21.37	21.23		
3	QPSK	8	0	20.47	20.68	20.20		
3	QPSK	8	4	20.58	20.45	20.31	21.5	1
3	QPSK	8	7	20.43	20.62	20.21		
3	QPSK	15	0	20.37	20.55	20.14		
3	16QAM	1	0	20.54	20.67	20.21		
3	16QAM	1	8	20.48	20.46	20.17	21.5	1
3	16QAM	1	14	20.60	20.58	20.25		
3	16QAM	8	0	19.58	19.65	19.24		
3	16QAM	8	4	19.48	19.63	19.41	20.5	2
3	16QAM	8	7	19.47	19.66	19.40		
3	16QAM	15	0	19.39	19.56	19.13		
3	64QAM	1	0	19.51	19.73	19.30		
3	64QAM	1	8	19.61	19.45	19.41	20.5	2
3	64QAM	1	14	19.60	19.62	19.31		
3	64QAM	8	0	18.61	18.61	18.20		
3	64QAM	8	4	18.67	18.76	18.28	19.5	3
3	64QAM	8	7	18.56	18.65	18.22		
3	64QAM	15	0	18.51	18.61	18.20		
3	256QAM	1	0	16.77	16.76	16.40		
3	256QAM	1	8	16.68	16.66	16.53	17.5	5
3	256QAM	1	14	16.64	16.77	16.31		
3	256QAM	8	0	16.72	16.83	16.68		
3	256QAM	8	4	16.63	16.75	16.38	17.5	5
3	256QAM	8	7	16.63	16.74	16.47		
3	256QAM	15	0	16.58	16.65	16.31		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.47	21.59	21.23	22.5	0
1.4	QPSK	1	3	21.25	21.57	21.21		
1.4	QPSK	1	5	21.57	21.42	21.16		
1.4	QPSK	3	0	21.48	21.56	21.15		
1.4	QPSK	3	1	21.26	21.53	21.21		
1.4	QPSK	3	3	21.49	21.39	21.20		
1.4	QPSK	6	0	20.46	20.60	20.22	21.5	1
1.4	16QAM	1	0	20.52	20.42	20.32		
1.4	16QAM	1	3	20.34	20.38	20.35		
1.4	16QAM	1	5	20.40	20.55	20.12	21.5	1
1.4	16QAM	3	0	20.51	20.65	20.28		
1.4	16QAM	3	1	20.52	20.46	20.17		
1.4	16QAM	3	3	20.58	20.61	20.29		
1.4	16QAM	6	0	19.65	19.70	19.28	20.5	2
1.4	64QAM	1	0	19.44	19.65	19.51		
1.4	64QAM	1	3	19.42	19.58	19.42		
1.4	64QAM	1	5	19.36	19.55	19.19	20.5	2
1.4	64QAM	3	0	19.48	19.65	19.26		
1.4	64QAM	3	1	19.51	19.50	19.34		
1.4	64QAM	3	3	19.57	19.73	19.27		
1.4	64QAM	6	0	18.60	18.61	18.26	19.5	3
1.4	256QAM	1	0	16.73	16.73	16.42		
1.4	256QAM	1	3	16.54	16.66	16.51		
1.4	256QAM	1	5	16.66	16.72	16.29	17.5	5
1.4	256QAM	3	0	16.80	16.74	16.74		
1.4	256QAM	3	1	16.62	16.78	16.34		
1.4	256QAM	3	3	16.63	16.72	16.54		
1.4	256QAM	6	0	16.54	16.75	16.29	17.5	5

Band 66 Ant 0 DSI4 sig path：70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				131972	132322	132672		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.00	22.15	21.80	23	0
20	QPSK	1	49	21.93	22.10	21.81		
20	QPSK	1	99	22.12	22.06	21.78		
20	QPSK	50	0	21.13	21.23	20.78	22	1
20	QPSK	50	24	21.16	21.08	20.85		
20	QPSK	50	50	20.93	21.02	20.90		
20	QPSK	100	0	21.01	21.15	20.67		
20	16QAM	1	0	21.13	21.27	20.84		
20	16QAM	1	49	21.17	21.15	20.81	22	1
20	16QA

Band 2 Ant 4 DSI4 sig path：44

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.07	23.14	22.94	24	0
20	QPSK	1	49	22.98	23.01	22.78		
20	QPSK	1	99	22.87	23.09	22.74		
20	QPSK	50	0	22.00	22.21	21.84		
20	QPSK	50	24	22.11	22.06	21.88	23	1
20	QPSK	50	50	22.02	22.11	21.91		
20	QPSK	100	0	21.99	22.15	21.97		
20	16QAM	1	0	22.10	22.07	22.03		
20	16QAM	1	49	22.04	22.03	21.88	23	1
20	16QAM	1	99	22.11	21.93	21.93		
20	16QAM	50	0	21.13	21.09	20.88		
20	16QAM	50	24	21.02	21.21	20.90	22	2
20	16QAM	50	50	20.98	21.19	21.04		
20	16QAM	100	0	20.95	21.06	20.84		
20	64QAM	1	0	20.96	21.05	20.90		
20	64QAM	1	49	20.98	21.08	20.91	22	2
20	64QAM	1	99	21.09	21.17	20.83		
20	64QAM	50	0	20.07	20.14	19.93		
20	64QAM	50	24	20.02	20.04	20.00	21	3
20	64QAM	50	50	19.93	20.09	19.95		
20	64QAM	100	0	19.84	20.02	20.05		
20	256QAM	1	0	18.29	18.31	17.95		
20	256QAM	1	49	17.99	18.28	18.20	19	5
20	256QAM	1	99	18.07	18.21	17.84		
20	256QAM	50	0	18.14	18.22	18.21		
20	256QAM	50	24	18.13	18.31	18.06	19	5
20	256QAM	50	50	18.28	18.27	18.04		
20	256QAM	100	0	18.00	18.23	17.89		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.93	23.01	22.86	24	0
15	QPSK	1	37	22.80	22.90	22.74		
15	QPSK	1	74	22.76	23.04	22.67		
15	QPSK	36	0	21.89	22.13	21.77		
15	QPSK	36	20	21.99	21.94	21.81	23	1
15	QPSK	36	39	21.94	21.97	21.84		
15	QPSK	75	0	21.95	22.03	21.81		
15	16QAM	1	0	22.01	21.92	21.96		
15	16QAM	1	37	21.97	21.96	21.77	23	1
15	16QAM	1	74	22.00	21.97	21.80		
15	16QAM	36	0	21.08	20.98	20.80		
15	16QAM	36	20	20.93	21.08	20.82	22	2
15	16QAM	36	39	20.92	21.13	20.95		
15	16QAM	75	0	20.82	20.95	20.75		
15	64QAM	1	0	20.84	21.14	20.85		
15	64QAM	1	37	20.88	20.93	20.87	22	2
15	64QAM	1	74	20.94	21.05	20.75		
15	64QAM	36	0	19.94	20.10	19.83		
15	64QAM	36	20	19.96	19.97	19.89	21	3
15	64QAM	36	39	19.78	19.99	19.89		
15	64QAM	75	0	19.79	19.96	20.00		
15	256QAM	1	0	18.16	18.15	17.83		
15	256QAM	1	37	17.95	18.16	18.10	19	5
15	256QAM	1	74	18.01	18.09	17.77		
15	256QAM	36	0	18.00	18.17	18.06		
15	256QAM	36	20	18.03	18.23	18.01	19	5
15	256QAM	36	39	18.23	18.13	17.91		
15	256QAM	75	0	17.85	18.16	17.75		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.95	23.04	22.87	24	0
10	QPSK	1	25	22.85	22.93	22.72		
10	QPSK	1	49	22.74	22.95	22.60		
10	QPSK	25	0	21.87	22.15	21.76		
10	QPSK	25	12	22.04	21.95	21.77	23	1
10	QPSK	25	25	21.93	22.01	21.77		
10	QPSK	50	0	21.84	22.10	21.88		
10	16QAM	1	0	22.04	21.95	21.87		
10	16QAM	1	25	21.92	21.95	21.73	23	1
10	16QAM	1	49	22.04	21.82	21.79		
10	16QAM	25	0	21.04	21.03	20.81		
10	16QAM	25	12	20.88	21.12	20.78	22	2
10	16QAM	25	25	20.83	21.05	20.95		
10	16QAM	50	0	20.82	20.90	20.77		
10	64QAM	1	0	20.90	21.14	20.83		
10	64QAM	1	25	20.91	20.94	20.84	22	2
10	64QAM	1	49	20.95	21.13	20.70		
10	64QAM	25	0	19.95	20.05	19.77		
10	64QAM	25	12	19.90	19.98	19.88	21	3
10	64QAM	25	25	19.78	19.93	19.84		
10	64QAM	50	0	19.75	19.93	20.00		
10	256QAM	1	0	18.25	18.19	17.85		
10	256QAM	1	25	17.94	18.24	18.12	19	5
10	256QAM	1	49	18.02	18.09	17.76		
10	256QAM	25	0	18.06	18.16	18.16		
10	256QAM	25	12	18.04	18.18	17.94	19	5
10	256QAM	25	25	18.13	18.16	17.95		
10	256QAM	50	0	17.89	18.13	17.84		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.94	23.03	22.84	24	0
5	QPSK	1	12	22.91	22.91	22.70		
5	QPSK	1	24	22.78	23.00	22.61		
5	QPSK	12	0	21.92	22.09	21.70		
5	QPSK	12	7	22.03	21.97	21.75	23	1
5	QPSK	12	13	21.95	22.03	21.81		
5	QPSK	25	0	21.92	22.10	21.86		
5	16QAM	1	0	21.96	22.00	21.84		
5	16QAM	1	12	21.92	21.89	21.85	23	1
5	16QAM	1	24	21.97	21.81	21.85		
5	16QAM	12	0	20.97	20.95	20.78		
5	16QAM	12	7	20.93	21.06	20.84	22	2
5	16QAM	12	13	20.91	21.03	20.88		
5	16QAM	25	0	20.83	20.98	20.75		
5	64QAM	1	0	20.82	21.15	20.75		
5	64QAM	1	12	20.93	20.97	20.86	22	2
5	64QAM	1	24	21.04	21.12	20.70		
5	64QAM	12	0	19.93	19.99	19.86		
5	64QAM	12	7	19.90	19.94	19.90	21	3
5	64QAM	12	13	19.88	19.98	19.80		
5	64QAM	25	0	19.73	19.94	19.97		
5	256QAM	1	0	18.19	18.24	17.84		
5	256QAM	1	12	17.84	18.18	18.10	19	5
5	256QAM	1	24	18.00	18.12	17.90		
5	256QAM	12	0	18.01	18.08	18.14		
5	256QAM	12	7	18.07	18.23	17.97	19	5
5	256QAM	12	13	18.14	18.19	17.95		
5	256QAM	25	0	17.88	18.14	17.81		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.02	23.06	22.83	24	0
3	QPSK	1	8	22.85	22.89	22.69		
3	QPSK	1	14	22.76	23.01	22.63		
3	QPSK	8	0	21.90	22.14	21.78		
3	QPSK	8	4	22.06	21.93	21.79	23	1
3	QPSK	8	7	21.87	22.04	21.81		
3	QPSK	15	0	21.87	22.02	21.87		
3	16QAM	1	0	21.97	21.98	21.81		
3	16QAM	1	8	21.99	21.98	21.77	23	1
3	16QAM	1	14	22.04	21.83	21.79		
3	16QAM	8	0	21.00	20.98	20.83		
3	16QAM	8	4	20.86	21.16	20.85	22	2
3	16QAM	8	7	20.92	21.10	20.94		
3	16QAM	15	0	20.86	20.95	20.78		
3	64QAM	1	0	20.80	21.15	20.80		
3	64QAM	1	8	20.91	20.99	20.76	22	2
3	64QAM	1	14	20.97	21.06	20.77		
3	64QAM	8	0	20.00	20.04	19.86		
3	64QAM	8	4	19.96	19.89	19.89	21	3
3	64QAM	8	7	19.80	19.95	19.90		
3	64QAM	15	0	19.77	19.93	19.99		
3	256QAM	1	0	18.16	18.27	17.90		
3	256QAM	1	8	17.92	18.22	18.08	19	5
3	256QAM	1	14	18.00	18.15	17.95		
3	256QAM	8	0	17.99	18.15	18.13		
3	256QAM	8	4	18.08	18.20	17.99	19	5
3	256QAM	8	7	18.23	18.22	17.90		
3	256QAM	15	0	17.96	18.16	17.79		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.89	23.06	23.04	24	0
1.4	QPSK	1	3	22.98	22.97	22.91		
1.4	QPSK	1	5	22.92	22.99	23.02		
1.4	QPSK	3	0	22.97	22.97	23.04		
1.4	QPSK	3	1	22.90	22.86	23.01		
1.4	QPSK	3	3	22.83	22.97	22.95		
1.4	QPSK	6	0	21.86	22.17	22.13	23	1
1.4	16QAM	1	0	21.92	21.90	21.72	23	1
1.4	16QAM	1	3	22.07	21.79	21.81		
1.4	16QAM	1	5	22.04	22.14	21.88		
1.4	16QAM	3	0	21.90	22.00	21.76		
1.4	16QAM	3	1	21.76	21.87	21.80		
1.4	16QAM	3	3	22.00	21.96	22.00		
1.4	16QAM	6	0	21.11	21.07	20.92	22	2
1.4	64QAM	1	0	21.02	21.04	20.80	22	2
1.4	64QAM	1	3	20.80	20.99	20.90		
1.4	64QAM	1	5	20.96	21.10	20.68		
1.4	64QAM	3	0	21.11	21.09	21.09		
1.4	64QAM	3	1	21.11	20.85	21.02		
1.4	64QAM	3	3	21.23	21.20	21.15		
1.4	64QAM	6	0	20.17	20.06	20.05	21	3
1.4	256QAM	1	0	18.09	18.21	18.06		
1.4	256QAM	1	3	17.92	17.97	18.24		
1.4	256QAM	1	5	18.02	18.19	18.05	19	5
1.4	256QAM	3	0	18.31	18.25	18.15		
1.4	256QAM	3	1	18.08	18.27	18.18		
1.4	256QAM	3	3	18.05	18.41	18.12		
1.4	256QAM	6	0	17.94	18.19	17.92	19	5

Band 2 Ant 4 DSI4 sig path：456

BW [MHz]	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	22.91	23.02	22.81	24	0
20	QPSK	1	49	22.85	22.87	22.67		
20	QPSK	1	99	22.73	23.01	22.68		
20	QPSK	50	0	21.88	22.17	21.77		
20	QPSK	50	24	21.95	21.99	21.76	23	1
20	QPSK	50	50	21.98	21.97	21.86		
20	QPSK	100	0	21.93	22.10	21.86		
20	16QAM	1	0	21.95	21.92	21.89		
20	16QAM	1	49	21.91	21.98	21.74	23	1
20	16QAM	1	99	22.00	21.79	21.86		
20	16QAM	50	0	20.99	20.98	20.77		
20	16QAM	50	24	20.87	21.11	20.77	22	2
20	16QAM	50	50	20.86	21.11	20.94		
20	16QAM	100	0	20.83	20.95	20.76		
20	64QAM	1	0	20.83	21.05	20.84		
20	64QAM	1	49	20.94	20.95	20.85	22	2
20	64QAM	1	99	21.00	21.01	20.69		
20	64QAM	50	0	19.92	20.07	19.79		
20	64QAM	50	24	19.86	19.92	19.93	21	3
20	64QAM	50	50	19.86	19.96	19.80		
20	64QAM	100	0	19.72	19.87	19.93		
20	256QAM	1	0	18.14	18.16	17.80		
20	256QAM	1	49	17.90	18.16	18.06	19	5
20	256QAM	1	99	17.95	18.12	17.76		
20	256QAM	50	0	18.01	18.16	18.13		
20	256QAM	50	24	18.02	18.19	17.97	19	5
20	256QAM	50	50	18.28	18.17	17.92		
20	256QAM	100	0	17.86	18.10	17.76		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.78	22.89	22.67	24	0
15	QPSK	1	37	22.72	22.77	22.59		
15	QPSK	1	74	22.59	22.91	22.62		
15	QPSK	36	0	21.78	22.04	21.72		
15	QPSK	36	20	21.87	21.91	21.62	23	1
15	QPSK	36	39	21.83	21.88	21.75		
15	QPSK	75	0	21.80	21.85	21.75		
15	16QAM	1	0	21.87	21.77	21.75		
15	16QAM	1	37	21.75	21.91	21.70	23	1
15	16QAM	1	74	21.90	21.73	21.72		
15	16QAM	36	0	20.84	20.88	20.62		
15	16QAM	36	20	20.74	20.98	20.72	22	2
15	16QAM	36	39	20.82	21.02	20.85		
15	16QAM	75	0	20.75	20.95	20.63		
15	64QAM	1	0	20.74	21.06	20.77		
15	64QAM	1	37	20.81	20.90	20.75	22	2
15	64QAM	1	74	20.86	20.86	20.59		
15	64QAM	36	0	19.79	19.93	19.66		
15	64QAM	36	20	19.84	19.87	19.87	21	3
15	64QAM	36	39	19.77	19.82	19.67		
15	64QAM	75	0	19.68	19.74	19.82		
15	256QAM	1	0	18.07	18.06	17.68		
15	256QAM	1	37	17.75	18.05	17.94	19	5
15	256QAM	1	74	17.82	18.07	17.62		
15	256QAM	36	0	17.97	18.01	18.06		
15	256QAM	36	20	17.89	18.11	17.83	19	5
15	256QAM	36	39	18.12	18.08	17.87		
15	256QAM	75	0	17.82	17.95	17.60		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.77	22.79	22.71	24	0
10	QPSK	1	25	22.81	22.74	22.53		
10	QPSK	1	49	22.65	22.94	22.53		
10	QPSK	25	0	21.83	22.13	21.67		
10	QPSK	25	12	21.81	21.90	21.72	23	1
10	QPSK	25	25	21.86	21.82	21.80		
10	QPSK	50	0	21.78	21.90	21.75		
10	16QAM	1	0	21.88	21.82	21.75		
10	16QAM	1	25	21.84	21.83	21.68	23	1
10	16QAM	1	49	21.92	21.71	21.77		
10	16QAM	25	0	20.89	20.83	20.62		
10	16QAM	25	12	20.81	21.07	20.71	22	2
10	16QAM	25	25	20.77	21.03	20.82		
10	16QAM	50	0	20.75	20.80	20.70		
10	64QAM	1	0	20.76	21.09	20.76		
10	64QAM	1	25	20.89	20.89	20.78	22	2
10	64QAM	1	49	20.91	20.94	20.64		
10	64QAM	25	0	19.87	19.93	19.65		
10	64QAM	25	12	19.80	19.82	19.84	21	3
10	64QAM	25	25	19.76	19.82	19.70		
10	64QAM	50	0	19.61	19.76	19.86		
10	256QAM	1	0	18.04	18.17	17.68		
10	256QAM	1	25	17.81	18.05	18.00	19	5
10	256QAM	1	49	17.81	18.01	17.67		
10	256QAM	25	0	17.96	18.06	17.98		
10	256QAM	25	12	17.84	18.03	17.84	19	5
10	256QAM	25	25	18.05	18.07	17.85		
10	256QAM	50	0	17.76	17.94	17.64		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.80	22.93	22.75	24	0
5	QPSK	1	12	22.81	22.75	22.57		
5	QPSK	1	24	22.69	22.86	22.56		
5	QPSK	12	0	21.76	22.06	21.70		
5	QPSK	12	7	21.85	21.91	21.67	23	1
5	QPSK	12	13	21.88	21.82	21.75		
5	QPSK	25	0	21.79	21.96	21.79		
5	16QAM	1	0	21.80	21.80	21.82		
5	16QAM	1	12	21.85	21.83	21.66	23	1
5	16QAM	1	24	21.90	21.73	21.71		
5	16QAM	12	0	20.93	20.84	20.72		
5	16QAM	12	7	20.77	21.03	20.63	22	2
5	16QAM	12	13	20.77	21.05	20.87		
5	16QAM	25	0	20.78	20.90	20.64		
5	64QAM	1	0	20.77	20.99	20.77		
5	64QAM	1	12	20.87	20.82	20.69	22	2
5	64QAM	1	24	20.97	20.97	20.66		
5	64QAM	12	0	19.77	20.03	19.72		
5	64QAM	12	7	19.76	19.80	19.86	21	3
5	64QAM	12	13	19.79	19.88	19.72		
5	64QAM	25	0	19.62	19.79	19.83		
5	256QAM	1	0	18.09	18.02	17.68		
5	256QAM	1	12	17.77	18.02	17.97	19	5
5	256QAM	1	24	17.87	18.01	17.65		
5	256QAM	12	0	17.95	18.00	18.00		
5	256QAM	12	7	17.90	18.13	17.92	19	5
5	256QAM	12	13	18.04	18.01	17.77		
5	256QAM	25	0	17.75	17.96	17.68		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.78	22.92	22.73	24	0
3	QPSK	1	8	22.72	22.78	22.63		
3	QPSK	1	14	22.59	22.90	22.57		
3	QPSK	8	0	21.73	21.94	21.62		
3	QPSK	8	4	21.90	21.84	21.63	23	1
3	QPSK	8	7	21.85	21.89	21.81		
3	QPSK	15	0	21.84	21.86	21.73		
3	16QAM	1	0	21.82	21.77	21.78		
3	16QAM	1	8	21.76	21.93	21.63	23	1
3	16QAM	1	14	21.89	21.71	21.81		
3	16QAM	8	0	20.94	20.83	20.70		
3	16QAM	8	4	20.80	21.08	20.65	22	2
3	16QAM	8	7	20.77	20.96	20.79		
3	16QAM	15	0	20.70	20.82	20.70		
3	64QAM	1	0	20.74	20.99	20.77		
3	64QAM	1	8	20.82	20.91	20.79	22	2
3	64QAM	1	14	20.91	20.87	20.57		
3	64QAM	8	0	19.86	19.96	19.71		
3	64QAM	8	4	19.78	19.82	19.84	21	3
3	64QAM	8	7	19.76	19.90	19.66		
3	64QAM	15	0	19.56	19.75	19.78		
3	256QAM	1	0	18.09	18.10	17.73		
3	256QAM	1	8	17.82	18.04	17.91	19	5
3	256QAM	1	14	17.93	18.06	17.68		
3	256QAM	8	0	17.94	18.03	17.98		
3	256QAM	8	4	17.94	18.09	17.86	19	5
3	256QAM	8	7	18.08	18.11	17.79		
3	256QAM	15	0	17.72	18.06	17.70		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.79	22.94	22.90	24	0
1.4	QPSK	1	3	22.90	22.87	22.77		
1.4	QPSK	1	5	22.83	22.85	22.89		
1.4	QPSK	3	0	22.83	22.86	22.95		
1.4	QPSK	3	1	22.83	22.81	22.97		
1.4	QPSK	3	3	22.72	22.91	22.83		
1.4	QPSK	6	0	21.79	22.02	21.97	23	1
1.4	16QAM	1	0	21.81	21.83	21.69	23	1
1.4	16QAM	1	3	21.92	21.65	21.66		
1.4	16QAM	1	5	21.91	22.10	21.73		
1.4	16QAM	3	0	21.85	21.87	21.70		
1.4	16QAM	3	1	21.67	21.82	21.73		
1.4	16QAM	3	3	21.91	21.89	21.93		
1.4	16QAM	6	0	21.06	20.96	20.79	22	2
1.4	64QAM	1	0	20.91	20.96	20.69	22	2
1.4	64QAM	1	3	20.75	20.85	20.79		
1.4	64QAM	1	5	20.83	21.00	20.54		
1.4	64QAM	3	0	20.98	20.94	21.01		
1.4	64QAM	3	1	21.00	20.75	20.96		
1.4	64QAM	3	3	21.10	21.04	21.00		
1.4	64QAM	6	0	20.02	19.98	19.97	21	3
1.4	256QAM	1	0	17.93	18.10	17.90	19	5
1.4	256QAM	1	3	17.80	17.91	18.09		
1.4	256QAM	1	5	17.91	18.06	17.98		
1.4	256QAM	3	0	18.23	18.15	18.10		
1.4	256QAM	3	1	17.97	18.21	18.04		
1.4	256QAM	3	3	17.99	18.34	17.98		
1.4	256QAM	6	0	17.80	18.15	17.81	19	5

Band 4 Ant 4 DSI4 sig path：69

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.17	23.27	23.19	24	0
20	QPSK	1	49	23.04	23.12	23.00		
20	QPSK	1	99	23.22	23.22	22.96		
20	QPSK	50	0	22.12	22.25	22.03		
20	QPSK	50	24	22.17	22.14	22.11	23	1
20	QPSK	50	50	22.12	22.21	22.08		
20	QPSK	100	0	22.07	22.17	22.12		
20	16QAM	1	0	22.17	22.18	22.19		
20	16QAM	1	49	22.19	22.19	22.05	23	1
20	16QAM	1	99	22.15	22.06	22.15		
20	16QAM	50	0	21.26	21.19	21.11		
20	16QAM	50	24	21.10	21.29	21.16	22	2
20	16QAM	50	50	21.05	21.32	21.23		
20	16QAM	100	0	21.04	21.19	21

Band 7 Ant 4 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.31	23.38	23.33	24	0
20	QPSK	1	49	22.98	23.26	23.13		
20	QPSK	1	99	21.28	23.19	23.00		
20	QPSK	50	0	22.07	22.29	22.15	23	1
20	QPSK	50	24	22.08	22.22	22.17		
20	QPSK	50	50	22.17	22.28	22.19		
20	QPSK	100	0	22.10	22.24	22.15		
20	16QAM	1	0	22.15	22.37	22.13	23	1
20	16QAM	1	49	22.14	22.24	22.17		
20	16QAM	1	99	22.21	22.26	22.24		
20	16QAM	50	0	21.20	21.27	21.16	22	2
20	16QAM	50	24	21.08	21.26	21.18		
20	16QAM	50	50	21.20	21.26	21.14		
20	16QAM	100	0	21.13	21.19	21.02		
20	64QAM	1	0	21.21	21.25	21.19	22	2
20	64QAM	1	49	21.16	21.14	21.14		
20	64QAM	1	99	21.06	21.24	21.18		
20	64QAM	50	0	20.19	20.27	20.17	21	3
20	64QAM	50	24	20.19	20.24	20.17		
20	64QAM	50	50	20.15	20.22	20.15		
20	64QAM	100	0	20.14	20.18	20.13		
20	256QAM	1	0	18.42	18.46	18.21	19	5
20	256QAM	1	49	18.26	18.43	18.32		
20	256QAM	1	99	18.19	18.46	18.17		
20	256QAM	50	0	18.39	18.42	18.52	19	5
20	256QAM	50	24	18.30	18.41	18.36		
20	256QAM	50	50	18.38	18.40	18.28		
20	256QAM	100	0	18.19	18.38	18.17		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.25	23.23	23.10	24	0
15	QPSK	1	37	23.05	23.20	23.09		
15	QPSK	1	74	23.09	23.26	23.04		
15	QPSK	36	0	22.03	22.20	22.12	23	1
15	QPSK	36	20	22.13	22.22	22.17		
15	QPSK	36	39	22.07	22.15	22.22		
15	QPSK	75	0	22.09	22.18	22.26		
15	16QAM	1	0	22.19	22.30	22.16	23	1
15	16QAM	1	37	22.21	22.13	22.16		
15	16QAM	1	74	22.18	22.17	22.16		
15	16QAM	36	0	21.28	21.32	21.17	22	2
15	16QAM	36	20	21.22	21.30	21.13		
15	16QAM	36	39	21.19	21.31	21.27		
15	16QAM	75	0	21.11	21.19	21.07		
15	64QAM	1	0	21.21	21.29	21.28	22	2
15	64QAM	1	37	21.21	21.20	21.15		
15	64QAM	1	74	21.20	21.29	21.11		
15	64QAM	36	0	20.25	20.18	20.14	21	3
15	64QAM	36	20	20.22	20.23	20.32		
15	64QAM	36	39	20.12	20.23	20.23		
15	64QAM	75	0	20.05	20.26	20.18		
15	256QAM	1	0	18.38	18.45	18.16	19	5
15	256QAM	1	37	18.20	18.40	18.35		
15	256QAM	1	74	18.22	18.34	18.11		
15	256QAM	36	0	18.42	18.39	18.58	19	5
15	256QAM	36	20	18.19	18.34	18.23		
15	256QAM	36	39	18.30	18.38	18.38		
15	256QAM	75	0	18.30	18.28	18.14		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.22	23.24	23.11	24	0
10	QPSK	1	25	23.12	23.15	23.12		
10	QPSK	1	49	23.08	23.28	23.08		
10	QPSK	25	0	22.17	22.27	22.00	23	1
10	QPSK	25	12	22.24	22.13	22.15		
10	QPSK	25	25	22.20	22.21	22.19		
10	QPSK	50	0	22.06	22.16	22.25		
10	16QAM	1	0	22.20	22.37	22.09	23	1
10	16QAM	1	25	22.27	22.12	22.18		
10	16QAM	1	49	22.26	22.12	22.21		
10	16QAM	25	0	21.18	21.28	21.10	22	2
10	16QAM	25	12	21.08	21.26	21.16		
10	16QAM	25	25	21.10	21.28	21.25		
10	16QAM	50	0	21.13	21.23	21.16		
10	64QAM	1	0	21.16	21.33	21.28	22	2
10	64QAM	1	25	21.22	21.09	21.17		
10	64QAM	1	49	21.06	21.22	21.19		
10	64QAM	25	0	20.23	20.28	20.14	21	3
10	64QAM	25	12	20.22	20.23	20.27		
10	64QAM	25	25	20.05	20.22	20.22		
10	64QAM	50	0	20.18	20.14	20.15		
10	256QAM	1	0	18.40	18.43	18.29	19	5
10	256QAM	1	25	18.24	18.40	18.44		
10	256QAM	1	49	18.22	18.42	18.16		
10	256QAM	25	0	18.46	18.49	18.54	19	5
10	256QAM	25	12	18.23	18.48	18.35		
10	256QAM	25	25	18.45	18.44	18.39		
10	256QAM	50	0	18.27	18.29	18.19		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.25	23.31	23.12	24	0
5	QPSK	1	12	23.01	23.27	23.01		
5	QPSK	1	24	23.12	23.25	23.01		
5	QPSK	12	0	22.03	22.22	22.02	23	1
5	QPSK	12	7	22.23	22.17	22.20		
5	QPSK	12	13	22.17	22.31	22.16		
5	QPSK	25	0	22.07	22.24	22.22		
5	16QAM	1	0	22.16	22.27	22.15	23	1
5	16QAM	1	12	22.20	22.23	22.20		
5	16QAM	1	24	22.17	22.19	22.12		
5	16QAM	12	0	21.21	21.24	21.12	22	2
5	16QAM	12	7	21.17	21.22	21.13		
5	16QAM	12	13	21.17	21.33	21.16		
5	16QAM	25	0	21.16	21.22	21.11		
5	64QAM	1	0	21.21	21.23	21.22	22	2
5	64QAM	1	12	21.23	21.18	21.13		
5	64QAM	1	24	21.21	21.27	21.08		
5	64QAM	12	0	20.25	20.22	20.15	21	3
5	64QAM	12	7	20.22	20.25	20.23		
5	64QAM	12	13	20.04	20.19	20.13		
5	64QAM	25	0	20.05	20.25	20.26		
5	256QAM	1	0	18.43	18.43	18.26	19	5
5	256QAM	1	12	18.15	18.30	18.41		
5	256QAM	1	24	18.27	18.45	18.12		
5	256QAM	12	0	18.44	18.41	18.54	19	5
5	256QAM	12	7	18.20	18.42	18.23		
5	256QAM	12	13	18.39	18.33	18.36		
5	256QAM	25	0	18.23	18.35	18.24		

Band 25 Ant 4 DSI4 sig path：45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.09	23.18	22.95	24	0
20	QPSK	1	49	22.97	23.09	22.85		
20	QPSK	1	99	22.97	23.16	22.76		
20	QPSK	50	0	22.01	22.26	21.90	23	1
20	QPSK	50	24	22.18	22.14	21.96		
20	QPSK	50	50	22.06	22.18	22.00		
20	QPSK	100	0	21.99	22.25	22.05		
20	16QAM	1	0	22.18	22.15	22.07	23	1
20	16QAM	1	49	22.11	22.03	21.98		
20	16QAM	1	99	22.13	21.98	21.99		
20	16QAM	50	0	21.21	21.12	21.02	22	2
20	16QAM	50	24	21.10	21.29	20.96		
20	16QAM	50	50	21.07	21.23	21.04		
20	16QAM	100	0	21.02	21.13	20.92		
20	64QAM	1	0	21.09	21.23	20.90	22	2
20	64QAM	1	49	21.06	21.15	20.94		
20	64QAM	1	99	21.09	21.17	20.88		
20	64QAM	50	0	20.14	20.16	20.03	21	3
20	64QAM	50	24	20.05	20.09	20.09		
20	64QAM	50	50	19.98	20.12	19.98		
20	64QAM	100	0	19.86	20.03	20.15		
20	256QAM	1	0	18.38	18.35	18.02	19	5
20	256QAM	1	49	18.09	18.33	18.22		
20	256QAM	1	99	18.15	18.22	17.88		
20	256QAM	50	0	18.24	18.29	18.20	19	5
20	256QAM	50	24	18.15	18.31	18.12		
20	256QAM	50	50	18.11	18.29	18.10		
20	256QAM	100	0	18.11	18.29	17.99		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.03	23.04	22.88	24	0
15	QPSK	1	37	22.83	23.04	22.79		
15	QPSK	1	74	22.83	23.04	22.68		
15	QPSK	36	0	21.91	22.17	21.80	23	1
15	QPSK	36	20	22.06	22.08	21.89		
15	QPSK	36	39	21.99	22.04	21.88		
15	QPSK	75	0	21.94	22.19	21.99		
15	16QAM	1	0	22.11	22.01	21.95	23	1
15	16QAM	1	37	22.03	21.96	21.90		
15	16QAM	1	74	22.02	21.97	21.91		
15	16QAM	36	0	21.11	20.97	20.80	22	2
15	16QAM	36	20	20.98	21.18	20.80		
15	16QAM	36	39	21.02	21.11	20.95		
15	16QAM	75	0	20.87	21.07	20.87		
15	64QAM	1	0	20.87	21.14	20.78	22	2
15	64QAM	1	37	20.92	21.02	20.79		
15	64QAM	1	74	21.01	21.11	20.75		
15	64QAM	36	0	20.01	20.03	19.91	21	3
15	64QAM	36	20	19.92	20.00	19.89		
15	64QAM	36	39	19.87	19.99	19.87		
15	64QAM	75	0	19.74	19.97	20.09		
15	256QAM	1	0	18.33	18.20	17.97	19	5
15	256QAM	1	37	17.96	18.16	18.06		
15	256QAM	1	74	18.11	18.08	17.84		
15	256QAM	36	0	18.17	18.21	18.12	19	5
15	256QAM	36	20	18.04	18.20	17.96		
15	256QAM	36	39	18.28	18.06	18.06		
15	256QAM	75	0	18.03	18.19	17.93		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.97	23.03	22.91	24	0
10	QPSK	1	25	22.92	22.96	22.72		
10	QPSK	1	49	22.86	23.09	22.63		
10	QPSK	25	0	21.94	22.11	21.84	23	1
10	QPSK	25	12	22.11	22.04	21.89		
10	QPSK	25	25	21.99	22.04	21.94		
10	QPSK	50	0	21.90	22.16	21.96		
10	16QAM	1	0	22.06	22.06	22.00	23	1
10	16QAM	1	25	21.96	21.91	21.84		
10	16QAM	1	49	22.01	21.86	21.94		
10	16QAM	25	0	21.13	21.00	20.80	22	2
10	16QAM	25	12	21.05	21.23	20.82		
10	16QAM	25	25	21.01	21.08	20.92		
10	16QAM	50	0	20.89	20.99	20.87		
10	64QAM	1	0	20.80	21.15	20.83	22	2
10	64QAM	1	25	20.97	21.06	20.80		
10	64QAM	1	49	21.01	21.04	20.77		
10	64QAM	25	0	20.09	20.00	19.94	21	3
10	64QAM	25	12	19.96	20.01	20.00		
10	64QAM	25	25	19.90	20.01	19.91		
10	64QAM	50	0	19.74	19.96	20.11		
10	256QAM	1	0	18.32	18.30	17.97	19	5
10	256QAM	1	25	18.02	18.21	18.07		
10	256QAM	1	49	18.02	18.08	17.92		
10	256QAM	25	0	18.10	18.24	18.06	19	5
10	256QAM	25	12	18.00	18.15	18.06		
10	256QAM	25	25	18.23	18.15	17.94		
10	256QAM	50	0	18.02	18.18	17.87		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.94	23.14	22.89	24	0
5	QPSK	1	12	22.88	22.99	22.73		
5	QPSK	1	24	22.89	23.09	22.68		
5	QPSK	12	0	21.93	22.16	21.81	23	1
5	QPSK	12	7	22.07	22.03	21.82		
5	QPSK	12	13	21.93	22.10	21.88		
5	QPSK	25	0	21.91	22.16	21.92		
5	16QAM	1	0	22.08	22.06	22.02	23	1
5	16QAM	1	12	22.01	21.95	21.82		
5	16QAM	1	24	22.00	21.93	21.92		
5	16QAM	12	0	21.12	20.97	20.86	22	2
5	16QAM	12	7	20.95	21.19	20.80		
5	16QAM	12	13	20.91	21.08	20.95		
5	16QAM	25	0	20.94	21.09	20.80		
5	64QAM	1	0	20.80	21.17	20.83	22	2
5	64QAM	1	12	20.95	21.07	20.87		
5	64QAM	1	24	21.01	21.12	20.74		
5	64QAM	12	0	20.05	20.08	19.98	21	3
5	64QAM	12	7	19.97	20.00	19.93		
5	64QAM	12	13	19.82	20.02	19.90		
5	64QAM	25	0	19.76	19.90	20.03		
5	256QAM	1	0	18.25	18.31	17.90	19	5
5	256QAM	1	12	18.01	18.21	18.08		
5	256QAM	1	24	18.07	18.16	17.89		
5	256QAM	12	0	18.15	18.16	18.04	19	5
5	256QAM	12	7	18.05	18.24	17.97		
5	256QAM	12	13	18.21	18.22	17.97		
5	256QAM	25	0	18.04	18.22	17.93		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.02	23.05	22.87	24	0
3	QPSK	1	8	22.88	22.94	22.70		
3	QPSK	1	14	22.93	23.03	22.61		
3	QPSK	8	0	21.86	22.13	21.83	23	1
3	QPSK	8	4	22.10	22.02	21.82		
3	QPSK	8	7	21.97	22.08	21.91		
3	QPSK	15	0	21.85	22.12	21.97		
3	16QAM	1	0	22.12	22.03	22.01	23	1
3	16QAM	1	8	22.05	21.96	21.86		
3	16QAM	1	14	22.03	21.86	21.83		
3	16QAM	8	0	21.15	21.00	20.79	22	2
3	16QAM	8	4	21.04	21.25	20.81		
3	16QAM	8	7	21.02	21.17	20.90		
3	16QAM	15	0	20.87	20.99	20.80		
3	64QAM	1	0	20.85	21.11	20.85	22	2
3	64QAM	1	8	21.00	21.00	20.82		
3	64QAM	1	14	21.04	21.05	20.80		
3	64QAM	8	0	20.01	20.09	19.98	21	3
3	64QAM	8	4	19.92	19.94	20.02		
3	64QAM	8	7	19.89	19.97	19.87		
3	64QAM	15	0	19.76	19.91	20.08		
3	256QAM	1	0	18.31	18.29	17.92	19	5
3	256QAM	1	8	17.94	18.24	18.18		
3	256QAM	1	14	18.11	18.07	17.88		
3	256QAM	8	0	18.19	18.20	18.08	19	5
3	256QAM	8	4	18.07	18.26	18.03		
3	256QAM	8	7	18.22	18.14	18.02		
3	256QAM	15	0	18.08	18.21	17.89		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.81	23.00	23.06	24	0
1.4	QPSK	1	3	23.03	23.02	23.03		
1.4	QPSK	1	5	22.96	22.94	22.95		
1.4	QPSK	3	0	23.01	22.94	22.93		
1.4	QPSK	3	1	22.98	22.87	22.89		
1.4	QPSK	3	3	22.85	23.05	22.98		
1.4	QPSK	6	0	21.95	22.14	22.00	23	1
1.4	16QAM	1	0	22.00	21.97	21.75	23	1
1.4	16QAM	1	3	21.98	21.88	21.82		
1.4	16QAM	1	5	21.96	22.22	21.93		
1.4	16QAM	3	0	21.89	21.87	21.87		
1.4	16QAM	3	1	21.63	21.93	21.71		
1.4	16QAM	3	3	22.10	22.01	22.09		
1.4	16QAM	6	0	21.09	20.97	20.90	22	2
1.4	64QAM	1	0	20.88	21.13	20.82	22	2
1.4	64QAM	1	3	20.98	21.00	20.88		
1.4	64QAM	1	5	21.00	21.08	20.78		
1.4	64QAM	3	0	21.04	21.07	21.04		
1.4	64QAM	3	1	21.15	20.95	21.11		
1.4	64QAM	3	3	21.06	21.28	21.09		
1.4	64QAM	6	0	20.09	20.15	19.90	21	3
1.4	256QAM	1	0	18.08	18.19	18.05	19	5
1.4	256QAM	1	3	17.82	18.10	18.16		
1.4	256QAM	1	5	17.98	18.09	17.98		
1.4	256QAM	3	0	18.30	18.28	18.26		
1.4	256QAM	3	1	17.98	18.27	18.16		
1.4	256QAM	3	3	18.11	18.30	18.02		
1.4	256QAM	6	0	18.05	18.11	17.84	19	5

Band 25 Ant 4 DSI4 sig path：457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.95	23.09	22.85	24	0
20	QPSK	1	49	22.92	22.89	22.68		
20	QPSK	1	99	22.76	23.00	22.69		
20	QPSK	50	0	21.92	22.18	21.76	23	1
20	QPSK	50	24	21.98	22.05	21.78		
20	QPSK	50	50	22.06	22.08	21.93		
20	QPSK	100	0	21.97	22.06	21.88		
20	16QAM	1	0	22.02	21.92	21.99	23	1
20	16QAM	1	49	21.98	22.08	21.80		
20	16QAM	1	99	22.02	21.88	21.97		
20	16QAM	50	0	20.99	21.04	20.78	22	2
20	16QAM	50	24	20.92	21.21	20.80		
20	16QAM	50	50	20.91	21.20	20.94		
20	16QAM	100	0	20.87	21.04	20.77		
20	64QAM	1	0	20.92	21.24	20.93	22	2
20	64QAM	1	49	20.96	20.99	20.87		
20	64QAM	1	99	21.08	21.09	20.76		
20	64QAM	50	0	19.92	20.17	19.80	21	3
20	64QAM	50	24	19.87	19.98	19.99		
20	64QAM	50	50	19.87	20.05	19.86		
20	64QAM	100	0	19.72	19.97	19.97		
20	256QAM	1	0	18.25	18.18	17.89	19	5
20	256QAM	1	49	17.92	18.15	18.13		
20	256QAM	1	99	18.03	18.16	17.83		
20	256QAM	50	0	18.01	18.15	18.18	19	5
20	256QAM	50	24	18.03	18.28	17.98		
20	256QAM	50	50	18.30	18.19	17.94		
20	256QAM	100	0	17.86	18.11	17.86		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.88	23.04	22.75	24	0
15	QPSK	1	37	22.76	23.02	22.55		
15	QPSK	1	74	22.61	22.87	22.64		
15	QPSK	36	0	21.77	22.12	21.67	23	1
15	QPSK	36	20	21.88	21.90	21.66		
15	QPSK	36	39	21.93	21.93	21.86		
15	QPSK	75	0	21.83	22.01	21.83		
15	16QAM	1	0	21.92	21.85	21.91	23	1
15	16QAM	1	37	21.91	21.94	21.66		
15	16QAM	1	74	21.96	21.81	21.89		
15	16QAM	36	0	20.92	20.88	20.70	22	2
15	16QAM	36	20	20.78	21.15	20.73		
15	16QAM	36	39	20.79	21.08	20.84		
15	16QAM	75	0	20.74	20.88	20.62		
15	64QAM	1	0	20.81	21.16	20.81	22	2
15	64QAM	1	37	20.91	20.90	20.75		
15	64QAM	1	74	21.00	20.98	20.70		
15	64QAM	36	0	19.85	20.02	19.67	21	3
15	64QAM	36	20	19.82	19.86	19.89		
15	64QAM	36	39	19.75	20.00	19.72		
15	64QAM	75	0	19.63	19.92	19.89		
15	256QAM	1	0	18.20	18.12	17.75	19	5
15	256QAM	1	37	17.93	18.08	18.01		
15	256QAM	1	74	17.93	18.05	17.75		
15	256QAM	36	0	17.88	18.10	18.04	19	5
15	256QAM	36	20	17.98	18.17	17.93		
15	256QAM	36	39	18.24	18.04	17.84		
15	256QAM	75	0	17.76	18.07	17.74		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.88	23.00	22.74	24	0
10	QPSK	1	25	22.84	22.74	22.59		
10	QPSK	1	49	22.69	22.87	22.57		
10	QPSK	25	0	21.84	22.10	21.70	23	1
10	QPSK	25	12	21.90	21.92	21.68		
10	QPSK	25	25	21.92	21.94	21.85		
10	QPSK	50	0	21.85	22.00	21.84		
10	16QAM	1	0	21.97	21.78	21.86	23	1
10	16QAM	1	25	21.83	21.94	21.66		
10	16QAM	1	49	21.94	21.83	21.90		
10	16QAM	25	0	20.86	20.97	20.66	22	2
10	16QAM	25	12	20.87	21.07	20.74		
10	16QAM	25	25	20.76	21.12	20.83		
10	16QAM	50	0	20.83	21.00	20.66		
10	64QAM	1	0	20.78	21.13	20.78	22	2
10	64QAM	1

Band 66 Ant 4 DSI4 sig path：70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.21	23.30	23.19	24	0
20	QPSK	1	49	23.07	23.17	22.92		
20	QPSK	1	99	23.05	23.23	22.97		
20	QPSK	50	0	22.12	22.31	21.95	23	1
20	QPSK	50	24	22.24	22.17	22.04		
20	QPSK	50	50	22.18	22.25	22.07		
20	QPSK	100	0	22.12	22.24	22.12		
20	16QAM	1	0	22.24	22.25	22.14	23	1
20	16QAM	1	49	22.25	22.23	21.99		
20	16QAM	1	99	22.24	22.14	22.08		
20	16QAM	50	0	21.27	21.20	21.02	22	2
20	16QAM	50	24	21.12	21.37	21.14		
20	16QAM	50	50	21.09	21.31	21.19		
20	16QAM	100	0	21.06	21.29	20.96		
20	64QAM	1	0	21.07	21.31	21.03	22	2
20	64QAM	1	49	21.19	21.26	21.07		
20	64QAM	1	99	21.23	21.22	20.95		
20	64QAM	50	0	20.15	20.33	20.00	21	3
20	64QAM	50	24	20.15	20.22	20.17		
20	64QAM	50	50	20.08	20.23	20.10		
20	64QAM	100	0	20.00	20.15	20.19		
20	256QAM	1	0	18.39	18.46	18.18	19	5
20	256QAM	1	49	18.11	18.38	18.40		
20	256QAM	1	99	18.30	18.33	17.98		
20	256QAM	50	0	18.40	18.39	18.39	19	5
20	256QAM	50	24	18.29	18.35	18.19		
20	256QAM	50	50	18.40	18.38	18.28		
20	256QAM	100	0	18.15	18.32	18.01		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.14	23.22	23.10	24	0
15	QPSK	1	37	23.02	23.03	22.83		
15	QPSK	1	74	22.96	23.11	22.89		
15	QPSK	36	0	22.03	22.21	21.90	23	1
15	QPSK	36	20	22.09	22.07	21.95		
15	QPSK	36	39	22.14	22.12	21.96		
15	QPSK	75	0	22.05	22.15	22.02		
15	16QAM	1	0	22.16	22.17	22.09	23	1
15	16QAM	1	37	22.14	22.14	21.86		
15	16QAM	1	74	22.11	22.04	22.00		
15	16QAM	36	0	21.21	21.12	20.88	22	2
15	16QAM	36	20	20.98	21.32	21.09		
15	16QAM	36	39	21.00	21.17	21.04		
15	16QAM	75	0	21.02	21.20	20.92		
15	64QAM	1	0	20.95	21.23	20.97	22	2
15	64QAM	1	37	21.07	21.12	20.95		
15	64QAM	1	74	21.09	21.13	20.83		
15	64QAM	36	0	20.08	20.25	19.86	21	3
15	64QAM	36	20	20.02	20.16	20.13		
15	64QAM	36	39	19.95	20.09	19.96		
15	64QAM	75	0	19.90	20.09	20.03		
15	256QAM	1	0	18.34	18.31	18.04	19	5
15	256QAM	1	37	17.99	18.33	18.34		
15	256QAM	1	74	18.23	18.17	17.91		
15	256QAM	36	0	18.28	18.26	18.31	19	5
15	256QAM	36	20	18.23	18.20	18.14		
15	256QAM	36	39	18.32	18.22	18.22		
15	256QAM	75	0	18.01	18.18	17.87		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.08	23.25	23.03	24	0
10	QPSK	1	25	22.95	23.03	22.77		
10	QPSK	1	49	22.92	23.10	22.88		
10	QPSK	25	0	22.05	22.26	21.90	23	1
10	QPSK	25	12	22.09	22.06	21.89		
10	QPSK	25	25	22.11	22.12	21.97		
10	QPSK	50	0	22.00	22.10	21.98		
10	16QAM	1	0	22.09	22.17	21.99	23	1
10	16QAM	1	25	22.19	22.12	21.93		
10	16QAM	1	49	22.14	22.10	21.97		
10	16QAM	25	0	21.16	21.08	20.94	22	2
10	16QAM	25	12	21.03	21.26	21.06		
10	16QAM	25	25	21.05	21.21	21.08		
10	16QAM	50	0	20.95	21.24	20.91		
10	64QAM	1	0	21.03	21.25	20.88	22	2
10	64QAM	1	25	21.08	21.10	20.96		
10	64QAM	1	49	21.10	21.11	20.81		
10	64QAM	25	0	20.04	20.23	19.90	21	3
10	64QAM	25	12	20.09	20.16	20.07		
10	64QAM	25	25	19.93	20.16	20.04		
10	64QAM	50	0	19.94	20.06	20.14		
10	256QAM	1	0	18.35	18.34	18.03	19	5
10	256QAM	1	25	18.03	18.22	18.28		
10	256QAM	1	49	18.18	18.21	17.94		
10	256QAM	25	0	18.25	18.24	18.23	19	5
10	256QAM	25	12	18.20	18.21	18.03		
10	256QAM	25	25	18.35	18.25	18.19		
10	256QAM	50	0	18.02	18.23	17.94		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.10	23.20	23.09	24	0
5	QPSK	1	12	23.02	23.11	22.76		
5	QPSK	1	24	22.97	23.11	22.90		
5	QPSK	12	0	22.06	22.26	21.85	23	1
5	QPSK	12	7	22.10	22.05	21.93		
5	QPSK	12	13	22.07	22.18	21.93		
5	QPSK	25	0	22.02	22.18	21.96		
5	16QAM	1	0	22.12	22.18	22.02	23	1
5	16QAM	1	12	22.17	22.19	21.88		
5	16QAM	1	24	22.10	22.08	21.99		
5	16QAM	12	0	21.16	21.14	20.87	22	2
5	16QAM	12	7	20.97	21.26	21.09		
5	16QAM	12	13	20.97	21.24	21.13		
5	16QAM	25	0	20.98	21.21	20.87		
5	64QAM	1	0	20.92	21.20	20.95	22	2
5	64QAM	1	12	21.07	21.15	20.96		
5	64QAM	1	24	21.10	21.16	20.84		
5	64QAM	12	0	20.04	20.20	19.91	21	3
5	64QAM	12	7	20.08	20.12	20.07		
5	64QAM	12	13	19.94	20.13	20.00		
5	64QAM	25	0	19.94	20.08	20.05		
5	256QAM	1	0	18.30	18.36	18.08	19	5
5	256QAM	1	12	17.96	18.28	18.35		
5	256QAM	1	24	18.15	18.17	17.92		
5	256QAM	12	0	18.35	18.28	18.28	19	5
5	256QAM	12	7	18.15	18.29	18.15		
5	256QAM	12	13	18.29	18.23	18.23		
5	256QAM	25	0	18.04	18.16	17.89		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.10	23.19	23.06	24	0
3	QPSK	1	8	22.94	23.06	22.86		
3	QPSK	1	14	22.97	23.17	22.88		
3	QPSK	8	0	21.98	22.26	21.91	23	1
3	QPSK	8	4	22.19	22.08	21.93		
3	QPSK	8	7	22.04	22.09	21.98		
3	QPSK	15	0	22.06	22.14	22.03		
3	16QAM	1	0	22.08	22.12	22.02	23	1
3	16QAM	1	8	22.16	22.08	21.93		
3	16QAM	1	14	22.13	22.04	21.98		
3	16QAM	8	0	21.15	21.13	20.97	22	2
3	16QAM	8	4	21.02	21.24	21.06		
3	16QAM	8	7	21.01	21.16	21.10		
3	16QAM	15	0	21.01	21.19	20.80		
3	64QAM	1	0	20.97	21.19	20.87	22	2
3	64QAM	1	8	21.05	21.13	20.92		
3	64QAM	1	14	21.17	21.10	20.85		
3	64QAM	8	0	20.01	20.27	19.94	21	3
3	64QAM	8	4	20.10	20.13	20.01		
3	64QAM	8	7	19.96	20.15	19.99		
3	64QAM	15	0	19.87	20.03	20.14		
3	256QAM	1	0	18.33	18.34	18.08	19	5
3	256QAM	1	8	17.96	18.31	18.30		
3	256QAM	1	14	18.21	18.22	17.92		
3	256QAM	8	0	18.34	18.25	18.31	19	5
3	256QAM	8	4	18.14	18.31	18.04		
3	256QAM	8	7	18.30	18.31	18.12		
3	256QAM	15	0	18.10	18.27	17.87		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.09	23.20	23.09	24	0
1.4	QPSK	1	3	23.03	23.05	22.82		
1.4	QPSK	1	5	22.93	23.16	22.88		
1.4	QPSK	3	0	23.06	23.18	23.06		
1.4	QPSK	3	1	22.97	23.06	22.82		
1.4	QPSK	3	3	22.96	23.09	22.81		
1.4	QPSK	6	0	22.00	22.16	21.82	23	1
1.4	16QAM	1	0	22.16	22.03	21.94	23	1
1.4	16QAM	1	3	22.04	22.14	21.98		
1.4	16QAM	1	5	21.99	22.17	22.03		
1.4	16QAM	3	0	22.17	22.18	22.04		
1.4	16QAM	3	1	22.10	22.14	21.83		
1.4	16QAM	3	3	22.10	22.08	21.99		
1.4	16QAM	6	0	21.22	21.13	20.97	22	2
1.4	64QAM	1	0	20.97	21.33	21.06	22	2
1.4	64QAM	1	3	21.03	21.17	21.13		
1.4	64QAM	1	5	20.91	21.23	20.83		
1.4	64QAM	3	0	21.03	21.24	20.91		
1.4	64QAM	3	1	21.08	21.19	21.02		
1.4	64QAM	3	3	21.10	21.12	20.80		
1.4	64QAM	6	0	20.21	20.26	19.89	21	3
1.4	256QAM	1	0	18.25	18.34	18.04	19	5
1.4	256QAM	1	3	18.03	18.28	18.34		
1.4	256QAM	1	5	18.21	18.19	17.90		
1.4	256QAM	3	0	18.24	18.33	18.32		
1.4	256QAM	3	1	18.18	18.20	18.08		
1.4	256QAM	3	3	18.34	18.33	18.22		
1.4	256QAM	6	0	18.10	18.20	17.95	19	5

Band 66 Ant 4 DSI4 sig path：453

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.16	23.28	22.99	24	0
20	QPSK	1	49	23.04	23.09	22.89		
20	QPSK	1	99	23.02	23.12	22.96		
20	QPSK	50	0	22.02	22.29	21.86	23	1
20	QPSK	50	24	22.16	22.15	21.98		
20	QPSK	50	50	22.17	22.17	22.04		
20	QPSK	100	0	22.08	22.14	22.08		
20	16QAM	1	0	22.15	22.15	22.15	23	1
20	16QAM	1	49	22.15	22.14	21.95		
20	16QAM	1	99	22.16	22.12	22.04		
20	16QAM	50	0	21.24	21.21	20.97	22	2
20	16QAM	50	24	21.03	21.26	21.08		
20	16QAM	50	50	21.05	21.28	21.19		
20	16QAM	100	0	21.02	21.26	20.91		
20	64QAM	1	0	20.98	21.22	20.99	22	2
20	64QAM	1	49	21.17	21.15	20.99		
20	64QAM	1	99	21.20	21.17	20.96		
20	64QAM	50	0	20.13	20.33	19.93	21	3
20	64QAM	50	24	20.15	20.21	20.16		
20	64QAM	50	50	20.08	20.24	20.10		
20	64QAM	100	0	19.98	20.06	20.16		
20	256QAM	1	0	18.33	18.41	18.10	19	5
20	256QAM	1	49	18.04	18.35	18.37		
20	256QAM	1	99	18.30	18.30	17.91		
20	256QAM	50	0	18.32	18.38	18.28	19	5
20	256QAM	50	24	18.26	18.28	18.16		
20	256QAM	50	50	18.34	18.36	18.21		
20	256QAM	100	0	18.09	18.31	18.01		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.10	23.18	22.93	24	0
15	QPSK	1	37	22.91	23.00	22.75		
15	QPSK	1	74	22.93	22.98	22.81		
15	QPSK	36	0	21.89	22.19	21.82	23	1
15	QPSK	36	20	22.02	22.08	21.90		
15	QPSK	36	39	22.12	22.03	21.93		
15	QPSK	75	0	22.00	22.09	22.01		
15	16QAM	1	0	22.01	22.04	22.10	23	1
15	16QAM	1	37	22.04	22.03	21.79		
15	16QAM	1	74	22.08	22.03	21.98		
15	16QAM	36	0	21.11	21.08	20.85	22	2
15	16QAM	36	20	20.89	21.17	21.02		
15	16QAM	36	39	20.93	21.21	21.12		
15	16QAM	75	0	20.93	21.16	20.77		
15	64QAM	1	0	20.87	21.13	20.93	22	2
15	64QAM	1	37	21.06	21.01	20.94		
15	64QAM	1	74	21.10	21.12	20.84		
15	64QAM	36	0	20.05	20.20	19.86	21	3
15	64QAM	36	20	20.02	20.10	20.05		
15	64QAM	36	39	19.95	20.16	20.01		
15	64QAM	75	0	19.92	19.96	20.11		
15	256QAM	1	0	18.20	18.32	18.03	19	5
15	256QAM	1	37	17.95	18.22	18.22		
15	256QAM	1	74	18.25	18.25	17.87		
15	256QAM	36	0	18.24	18.30	18.15	19	5
15	256QAM	36	20	18.12	18.18	18.03		
15	256QAM	36	39	18.19	18.25	18.10		
15	256QAM	75	0	17.98	18.22	17.89		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.12	23.13	22.89	24	0
10	QPSK	1	25	22.96	22.93	22.84		
10	QPSK	1	49	22.88	22.96	22.84		
10	QPSK	25	0	21.88	22.14	21.73	23	1
10	QPSK	25	12	22.07	22.07	21.87		
10	QPSK	25	25	22.05	22.09	21.94		
10	QPSK	50	0	21.99	22.02	22.01		
10	16QAM	1	0	22.08	22.01	22.03	23	1
10	16QAM	1	25	22.08	22.03	21.82		
10	16QAM	1	49	22.03	21.97	21.91		
10	16QAM	25	0	21.11	21.11	20.93	22	2
10	16QAM	25	12	20.95	21.15	20.93		
10	16QAM	25	25	20.92	21.13	21.07		
10	16QAM	50	0	20.87	21.14	20.82		
10	64QAM	1	0	20.88	21.17	20.91	22	2
10	64QAM	1	25	21.13	21.03	20.88		
10	64QAM	1	49	21.08	21.08	20.81		
10	64QAM	25	0	20.00	20.21	19.87	21	3
10	64QAM	25	12	20.09	20.12	20.05		
10	64QAM	25	25	20.03	20.20	19.98		
10	64QAM	50	0	19.91	19.96	20.03	19	5
10	256QAM	1	0	18.25	18.35	17.94		
10	256QAM	1	25	17.91	18.23	18.25		
10	256QAM	1	49	18.22	18.19	17.90		
10	256QAM	25	0	18.18	18.32	18.21	19	5
10	256QAM	25	12	18.17	18.23	18.12		
10	256QAM	25	25	18.18	18.24	18.09		
10	256QAM	50	0	17.96	18.20	17.94		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.03	23.21	22.92	24	0
5	QPSK	1	12	22.98	23.02	22.81		
5	QPSK	1	24	22.89	23.06	22.83		
5	QPSK	12	0	21.89	22.24	21.75	23	1
5	QPSK	12	7	22.03	22.09	21.85		
5	QPSK	12	13	22.03	22.11	21.99		
5	QPSK	25	0	21.96	22.06	21.99		
5	16QAM	1	0	22.01	22.06	22.00	23	1
5	16QAM	1	12	22.06	21.99	21.83		
5	16QAM	1	24	22.11	22.08	21.97		
5	16QAM	12	0	21.18	21.06	20.85	22	2
5	16QAM	12	7	20.90	21.19	21.00		
5	16QAM	12	13	20.99	21.18	21.08		
5	16QAM	25	0	20.96	21.10	20.77		
5	64QAM	1	0	20.87	21.14	20.91	22	2
5	64QAM	1	12	21.11	20.99	20.85		
5	64QAM	1	24	21.06	21.05	20.84		
5	64QAM	12	0	20.05	20.20	19.88	21	3
5	64QAM	12	7	20.10	20.10	20.03		
5	64QAM	12	13	20.01	20.10	19.97		
5	64QAM	25	0	19.90	19.96	20.11		
5	256QAM	1	0	18.25	18.27	18.05	19	5
5	256QAM	1	12	17.95	18.27	18.25		
5	256QAM	1	24	18.20	18.18	17.79		
5	256QAM	12	0	18.22	18.26	18.16	19	5
5	256QAM	12	7	18.21	18.18	18.01		
5	256QAM	12	13	18.20	18.26	18.11		
5	256QAM	25	0	17.93	18.19	17.94		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.00	23.19	22.87	24	0
3	QPSK	1	8	22.99	23.03	22.77		
3	QPSK	1	14	22.93	22.99	22.81		
3	QPSK	8	0	21.91	22.22	21.77	23	1
3	QPSK	8	4	22.04	22.11	21.84		
3	QPSK	8	7	22.10	22.06	21.94		
3	QPSK	15	0	22.03	22.06	22.00		
3	16QAM	1	0	22.00	22.09	22.02	23	1
3	16QAM	1	8	22.04	22.00	21.89		
3	16QAM	1	14	22.11	22.02	21.88		
3	16QAM	8	0	21.08	21.16	20.89	22	2
3	16QAM	8	4	20.92	21.12	21.02		
3	16QAM	8	7	20.97	21.17	21.08		
3	16QAM	15	0	20.95	21.15	20.84		
3	64QAM	1	0	20.84	21.16	20.83	22	2
3	64QAM	1	8	21.04	21.11	20.90		
3	64QAM	1	14	21.16	21.03	20.85		
3	64QAM	8	0	20.04	20.18	19.89	21	3
3	64QAM	8	4	20.02	20.09	20.04		
3	64QAM	8	7	19.93	20.18	20.06		
3	64QAM	15	0	19.92	19.99	20.05		
3	256QAM	1	0	18.23	18.36	18.02	19	5
3	256QAM	1	8	17.95	18.20	18.22		
3	256QAM	1	14	18.15	18.15	17.93		
3	256QAM	8	0	18.26	18.23	18.19	19	5
3	256QAM	8	4	18.19	18.13	18.04		
3	256QAM	8	7	18.22	18.25	18.11		
3	256QAM	15	0	18.01	18.24	17.86		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.01	23.05	23.00	24	0
1.4	QPSK	1	3	22.98	23.00	22.75		
1.4	QPSK	1	5	22.87	23.04	22.73		
1.4	QPSK	3	0	22.91	23.04	22.95		
1.4	QPSK	3	1	22.84	23.01	22.77		
1.4	QPSK	3	3	22.86	23.00	22.73		
1.4	QPSK	6	0	21.86	22.06	21.67	23	1
1.4	16QAM	1	0	22.01	21.91	21.86	23	1
1.4	16QAM	1	3	22.00	22.05	21.92		
1.4	16QAM	1	5	21.92	22.11	21.97		
1.4	16QAM	3	0	22.02	22.13	21.90		
1.4	16QAM	3	1	22.00	22.04	21.79		
1.4	16QAM	3	3	22.03	21.93	21.93		
1.4	16QAM	6	0	21.11	21.07	20.86	22	2
1.4	64QAM	1	0	20.91	21.24	20.93	22	2
1.4	64QAM	1	3	20.97	21.05	21.04		
1.4	64QAM	1	5	20.80	21.13	20.76		
1.4	64QAM	3	0	20.94	21.18	20.75		
1.4	64QAM	3	1	21.03	21.05	20.94		
1.4	64QAM	3	3	20.98	20.99	20.72		
1.4	64QAM	6	0	20.06	20.18	19.83	21	3
1.4	256QAM	1	0	18.14	18.24	17.99	19	5
1.4	256QAM	1	3	17.98	18.20	18.27		
1.4	256QAM	1	5	18.10	18.06	17.81		
1.4	256QAM	3	0	18.14	18.22	18.23		
1.4	256QAM	3	1	18.04	18.12	18.01		
1.4	256QAM	3	3	18.27	18.27	18.12		
1.4	256QAM	6	0	18.05	18.12	17.83	19	5

Reduced Power Mode for Other PA DSI6 Standalone

Band 2 Ant 0 DSI6 sig path: 44

BW [MHz]	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	18.40	18.55	18.54		
20	QPSK	1	49	18.44	18.41	18.31	19.5	0
20	QPSK	1	99	18.20	18.35	18.33		
20	QPSK	50	0	18.51	18.53	18.42		
20	QPSK	50	24	18.40	18.26	18.47	19.5	0
20	QPSK	50	50	18.39	18.35	18.30		
20	QPSK	100	0	18.41	18.43	18.29		
20	16QAM	1	0	18.46	18.33	18.39		
20	16QAM	1	49	18.37	18.34	18.42	19.5	0
20	16QAM	1	99	18.44	18.40	18.38		
20	16QAM	50	0	18.28	18.34	18.31		
20	16QAM	50	24	18.40	18.37	18.45	19.5	0
20	16QAM	50	50	18.37	18.45	18.27		
20	16QAM	100	0	18.31	18.36	18.40		
20	64QAM	1	0	18.47	18.36	18.44		
20	64QAM	1	49	18.32	18.43	18.35	19.5	0
20	64QAM	1	99	18.36	18.42	18.32		
20	64QAM	50	0	18.43	18.43	18.41		
20	64QAM	50	24	18.45	18.42	18.30	19.5	0
20	64QAM	50	50	18.31	18.47	18.38		
20	64QAM	100	0	18.37	18.37	18.45		
20	256QAM	1	0	18.68	16.69	16.29		
20	256QAM	1	49	16.48	16.65	16.40	17.5	2
20	256QAM	1	99	16.54	16.64	16.20		
20	256QAM	50	0	16.75	16.72	16.52		
20	256QAM	50	24	16.55	16.67	16.27	17.5	2
20	256QAM	50	50	16.63	16.70	16.31		
20	256QAM	100	0	16.52	16.69	16.20		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.20	18.49	18.50		
15	QPSK	1	37	18.32	18.30	18.18	19.5	0
15	QPSK	1	74	18.00	18.24	18.15		
15	QPSK	36	0	18.50	18.36	18.27		
15	QPSK	36	20	18.23	18.17	18.39	19.5	0
15	QPSK	36	39	18.35	18.22	18.11		
15	QPSK	75	0	18.28	18.28	18.21		
15	16QAM	1	0	18.27	18.29	18.32		
15	16QAM	1	37	18.19	18.26	18.19	19.5	0
15	16QAM	1	74	18.31	18.28	18.34		
15	16QAM	36	0	18.16	18.23	18.27		
15	16QAM	36	20	18.21	18.25	18.38	19.5	0
15	16QAM	36	39	18.18	18.26	18.22		
15	16QAM	75	0	18.31	18.35	18.22		
15	64QAM	1	0	18.42	18.24	18.28		
15	64QAM	1	37	18.26	18.31	18.34	19.5	0
15	64QAM	1	74	18.27	18.24	18.26		
15	64QAM	36	0	18.24	18.32	18.35		
15	64QAM	36	20	18.45	18.29	18.25	19.5	0
15	64QAM	36	39	18.12	18.42	18.27		
15	64QAM	75	0	18.30	18.36	18.40		
15	256QAM	1	0	16.68	16.67	16.30		
15	256QAM	1	37	16.50	16.65	16.38	17.5	2
15	256QAM	1	74	16.53	16.64	16.20		
15	256QAM	36	0	16.74	16.72	16.49		
15	256QAM	36	20	16.55	16.69	16.31	17.5	2
15	256QAM	36	39	16.65	16.72	16.30		
15	256QAM	75	0	16.48	16.64	16.21		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.29	18.48	18.41		
10	QPSK	1	25	18.32	18.30	18.21	19.5	0
10	QPSK	1	49	18.02	18.31	18.23		
10	QPSK	25	0	18.34	18.51	18.42		
10	QPSK	25	12	18.23	18.25	18.36	19.5	0
10	QPSK	25	25	18.27	18.28	18.25		
10	QPSK	50	0	18.31	18.37	18.20		
10	16QAM	1	0	18.42	18.26	18.32		
10	16QAM	1	25	18.30	18.31	18.38	19.5	0
10	16QAM	1	49	18.39	18.29	18.35		
10	16QAM	25	0	18.24	18.26	18.18		
10	16QAM	25	12	18.24	18.28	18.27	19.5	0
10	16QAM	25	25	18.22	18.41	18.26		
10	16QAM	50	0	18.14	18.21	18.36		
10	64QAM	1	0	18.34	18.23	18.26		
10	64QAM	1	25	18.20	18.29	18.32	19.5	0
10	64QAM	1	49	18.28	18.22	18.27		
10	64QAM	25	0	18.29	18.15	18.38		
10	64QAM	25	12	18.44	18.24	18.19	19.5	0
10	64QAM	25	25	18.24	18.29	18.19		
10	64QAM	50	0	18.30	18.26	18.36		
10	256QAM	1	0	16.65	16.71	16.26		
10	256QAM	1	25	16.51	16.58	16.43	17.5	2
10	256QAM	1	49	16.57	16.64	16.25		
10	256QAM	25	0	16.78	16.66	16.55		
10	256QAM	25	12	16.59	16.60	16.34	17.5	2
10	256QAM	25	25	16.65	16.65	16.33		
10	256QAM	50	0	16.45	16.67	16.23		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.33	18.52	18.47		
5	QPSK	1	12	18.29	18.39	18.30	19.5	0
5	QPSK	1	24	18.04	18.31	18.14		
5	QPSK	12	0	18.33	18.52	18.41		
5	QPSK	12	7	18.38	18.19	18.32	19.5	0
5	QPSK	12	13	18.31	18.30	18.27		
5	QPSK	25	0	18.29	18.52	18.43		
5	16QAM	1	0	18.41	18.27	18.22		
5	16QAM	1	12	18.20	18.17	18.38	19.5	0
5	16QAM	1	24	18.33	18.38	18.24		
5	16QAM	12	0	18.10	18.34	18.18		
5	16QAM	12	7	18.37	18.33	18.29	19.5	0
5	16QAM	12	13	18.19	18.28	18.25		
5	16QAM	25	0	18.20	18.20	18.27		
5	64QAM	1	0	18.34	18.17	18.31		
5	64QAM	1	12	18.21	18.38	18.30	19.5	0
5	64QAM	1	24	18.30	18.39	18.32		
5	64QAM	12	0	18.30	18.23	18.37		
5	64QAM	12	7	18.39	18.29	18.19	19.5	0
5	64QAM	12	13	18.29	18.34	18.32		
5	64QAM	25	0	18.30	18.31	18.35		
5	256QAM	1	0	16.65	16.69	16.31		
5	256QAM	1	12	16.41	16.68	16.42	17.5	2
5	256QAM	1	24	16.55	16.65	16.19		
5	256QAM	12	0	16.74	16.73	16.48		
5	256QAM	12	7	16.51	16.71	16.24	17.5	2
5	256QAM	12	13	16.65	16.67	16.34		
5	256QAM	25	0	16.66	16.66	16.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.29	18.52	18.36		
3	QPSK	1	8	18.37	18.27	18.30	19.5	0
3	QPSK	1	14	18.17	18.16	18.20		
3	QPSK	8	0	18.43	18.49	18.25		
3	QPSK	8	4	18.39	18.47	18.38	19.5	0
3	QPSK	8	7	18.27	18.30	18.17		
3	QPSK	15	0	18.38	18.37	18.20		
3	16QAM	1	0	18.32	18.21	18.26	19.5	0
3	16QAM	1	8	18.24	18.33	18.37		
3	16QAM	1	14	18.43	18.26	18.22		
3	16QAM	8	0	18.22	18.28	18.18		
3	16QAM	8	4	18.25	18.36	18.41	19.5	0
3	16QAM	8	7	18.35	18.39	18.08		
3	16QAM	15	0	18.22	18.27	18.35		
3	64QAM	1	0	18.29	18.34	18.43		
3	64QAM	1	8	18.28	18.40	18.27	19.5	0
3	64QAM	1	14	18.24	18.37	18.17		
3	64QAM	8	0	18.26	18.30	18.34		
3	64QAM	8	4	18.39	18.34	18.20	19.5	0
3	64QAM	8	7	18.20	18.37	18.37		
3	64QAM	15	0	18.30	18.20	18.33		
3	256QAM	1	0	16.65	16.62	16.30		
3	256QAM	1	8	16.52	16.67	16.36	17.5	2
3	256QAM	1	14	16.56	16.62	16.17		
3	256QAM	8	0	16.77	16.72	16.45		
3	256QAM	8	4	16.49	16.59	16.31	17.5	2
3	256QAM	8	7	16.62	16.72	16.27		
3	256QAM	15	0	16.46	16.64	16.20		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.22	18.39	18.45		
1.4	QPSK	1	3	18.37	18.38	18.20		
1.4	QPSK	1	5	18.06	18.26	18.21	19.5	0
1.4	QPSK	3	0	18.38	18.35	18.38		
1.4	QPSK	3	1	18.29	18.14	18.29		
1.4	QPSK	3	3	18.24	18.26	18.24		
1.4	QPSK	6	0	18.24	18.32	18.14	19.5	0
1.4	16QAM	1	0	18.27	18.21	18.32		
1.4	16QAM	1	3	18.30	18.32	18.28		
1.4	16QAM	1	5	18.26	18.34	18.35	19.5	0
1.4	16QAM	3	0	18.24	18.25	18.26		
1.4	16QAM	3	1	18.27	18.20	18.40		
1.4	16QAM	3	3	18.26	18.25	18.23		
1.4	16QAM	6	0	18.30	18.22	18.36	19.5	0
1.4	64QAM	1	0	18.36	18.16	18.39		
1.4	64QAM	1	3	18.24	18.29	18.25		
1.4	64QAM	1	5	18.26	18.36	18.19	19.5	0
1.4	64QAM	3	0	18.35	18.34	18.34		
1.4	64QAM	3	1	18.35	18.35	18.13		
1.4	64QAM	3	3	18.17	18.38	18.21		
1.4	64QAM	6	0	18.41	18.44	18.22	19.5	0
1.4	256QAM	1	0	16.66	16.69	16.27		
1.4	256QAM	1	3	16.42	16.61	16.33		
1.4	256QAM	1	5	16.49	16.58	16.27	17.5	2
1.4	256QAM	3	0	16.69	16.69	16.54		
1.4	256QAM	3	1	16.51	16.67	16.27		
1.4	256QAM	3	3	16.64	16.72	16.24		
1.4	256QAM	6	0	16.53	16.67	16.25	17.5	2

Band 2 Ant 0 DSI6 sig path: 456

BW [MHz]	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	18.51	18.64	18.54		
20	QPSK	1	49	18.53	18.40	18.40	19.5	0
20	QPSK	1	99	18.29	18.46	18.28		
20	QPSK	50	0	18.55	18.61	18.50		
20	QPSK	50	24	18.33	18.37	18.50	19.5	0
20	QPSK	50	50	18.41	18.58	18.49		
20	QPSK	100	0	18.46	18.58	18.37		
20	16QAM	1	0	18.51	18.42	18.46		
20	16QAM	1	49	18.58	18.64	18.41	19.5	0
20	16QAM	1	99	18.42	18.55	18.43		
20	16QAM	50	0	18.34	18.31	18.31		
20	16QAM	50	24	18.45	18.48	18.52	19.5	0
20	16QAM	50	50	18.50	18.64	18.35		
20	16QAM	100	0	18.56	18.46	18.50		
20	64QAM	1	0	18.38	18.51	18.34		
20	64QAM	1	49	18.43	18.48	18.45	19.5	0
20	64QAM	1	99	18.34	18.55	18.45		
20	64QAM	50	0	18.51	18.55	18.31		
20	64QAM	50	24	18.40	18.47	18.35	19.5	0
20	64QAM	50	50	18.31	18.39	18.36		
20	64QAM	100	0	18.52	18.41	18.49		
20	256QAM	1	0	18.68	16.76	16.40		
20	256QAM	1	49	16.55	16.70	16.51	17.5	2
20	256QAM	1	99	16.60	16.77	16.38		
20	256QAM	50	0	16.81	16.78	16.64		
20	256QAM	50	24	16.66	16.76	16.33	17.5	2
20	256QAM	50	50	16.77	16.81	16.45		
20	256QAM	100	0	16.63	16.80	16.34		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.35	18.50	18.53		
15	QPSK	1	37	18.40	18.35	18.32	19.5	0
15	QPSK	1	74	18.18	18.46	18.21		
15	QPSK	36	0	18.53	18.45	18.40		
15	QPSK	36	20	18.25	18.36	18.35	19.5	0
15	QPSK	36	39	18.25	18.49	18.47		
15	QPSK	75	0	18.45	18.49	18.20		
15	16QAM	1	0	18.37	18.35	18.41		
15	16QAM	1	37	18.50	18.37	18.32	19.5	0
15	16QAM	1	74	18.38	18.42	18.30		
15	16QAM	36	0	18.33	18.49	18.18		
15	16QAM	36	20	18.42	18.30	18.47	19.5	0
15	16QAM	36	39	18.38	18.37	18.25		
15	16QAM	75	0	18.38	18.28	18.30		
15	64QAM	1	0	18.20	18.38	18.34		
15	64QAM	1	37	18.40	18.38	18.35	19.5	0
15	64QAM	1	74	18.27	18.37	18.28		
15	64QAM	36	0	18.35	18.47	18.29		
15	64QAM	36	20	18.23	18.31	18.23	19.5	0
15	64QAM	36	39	18.21	18.27	18.19		
15	64QAM	75	0	18.43	18.49	18.00		
15	256QAM	1	0	16.67	16.71	16.28		
15	256QAM	1	37	16.43	16.60	16.46	17.5	2
15	256QAM	1	74	16.50	16.69	16.29		
15	256QAM	36	0	16.77	16.76	16.50		
15	256QAM	36	20	16.56	16.64	16.35	17.5	2
15	256QAM	36	39	16.63	16.75	16.40		
15	256QAM	75	0	16.50	16.66	16.19		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.38	18.53	18.47		
10	QPSK	1	25	18.34	18.28	18.23	19.5	0
10	QPSK	1	49	18.13	18.39	18.28		
10	QPSK	25	0	18.41	18.58	18.36		
10	QPSK	25	12	18.17	18.33	18.36	19.5	0
10	QPSK	25	25	18.28	18.46	18.31		
10	QPSK	50	0	18.30	18.56	18.19		
10	16QAM	1	0	18.34	18.40	18.39		
10	16QAM	1	25	18.45	18.45	18.40	19.5	0
10	16QAM	1	49	18.41	18.40	18.33		
10	16QAM	25	0	18.19	18.27	18.20		
10	16QAM	25	12	18.34	18.40	18.40	19.5	0
10	16QAM	25	25	18.37	18.28	18.27		
10	16QAM	50	0	18.41	18.29	18.34		
10	64QAM	1	0	18.32	18.45	18.15		
10	64QAM	1	25	18.33	18.39	18.39	19.5	0
10	64QAM	1	49	18.33	18.54	18.27		
10	64QAM	25	0	18.50	18.37	18.25		
10	64QAM	25	12	18.32	18.36	18.16	19.5	0
10	64QAM	25	25	18.28	18.27	18.27		
10	64QAM	50	0	18.46	18.36	18.44		
10	256QAM	1	0	16.71	16.69	16.32		
10	256QAM	1	25	16.47	16.58	16.39	17.5	2
10	256QAM	1	49	16.47	16.57	16.27		
10	256QAM	25	0	16.75	16.67	16.54		
10	256QAM	25	12	16.58	16.58	16.28	17.5	2
10	256QAM	25	25	16.71	16.70	16.29		
10	256QAM	50	0	16.56	16.67	16.23		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.36	18.63	18.37		
5	QPSK	1	12	18.51	18.21	18.35	19.5	0
5	QPSK	1	24	18.17	18.39	18.22		
5	QPSK	12	0	18.38	18.50	18.37		
5	QPSK	12	7	18.32	18.37	18.41	19.5	0
5	QPSK	12	13	18.27	18.55	18.46		
5	QPSK	25	0	18.33	18.45	18.26		
5	16QAM	1	0	18.50	18.41	18.37		
5	16QAM	1	12	18.46	18.34	18.40	19.5	0
5	16QAM	1	24	18.26	18.46	18.26		
5	16QAM	12	0	18.33	18.29	18.29		
5	16QAM	12	7	18.41	18.42	18.37	19.5	0
5	16QAM	12	13	18.37	18.40	18.21		
5	16QAM	25	0	18.38	18.36	18.49		
5	64QAM	1	0	18.23	18.46	18.17		
5	64QAM	1	12	18.32	18.43	18.33	19.5	0
5	64QAM	1	24	18.29	18.49	18.44		
5	64QAM	12	0	18.48	18.36	18.15		
5	64QAM	12	7	18.27	18.39	18.22	19.5	0
5	64QAM	12	13	18.15	18.23	18.25		
5	64QAM	25	0	18.38	18.26	18.34		
5	256QAM	1	0	16.67	16.65	16.30		
5	256QAM	1	12	16.45	16.46	16.44	17.5	2
5	256QAM	1	24	16.44	16.69	16.29		
5	256QAM	12	0	16.71	16.72	16.55		
5	256QAM	12	7	16.55	16.59	16.31	17.5	2
5	256QAM	12	13	16.72	16.71	16.29		
5	256QAM	25	0	16.69	16.72	16.30		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.33	18.56	18.41		
3	QPSK	1	8	18.38	18.47	18.26	19.5	0
3	QPSK	1	14	18.13	18.36	18.24		
3	QPSK	8	0	18.53	18.58	18.47		
3	QPSK	8	4	18.22	18.30	18.37	19.5	0
3	QPSK	8	7	18.37	18.51	18.36		
3	QPSK	15	0	18.33	18.46	18.22		
3	16QAM	1	0	18.43	18.31	18.39		
3	16QAM	1	8	18.39	18.34	18.33	19.5	0
3	16QAM	1	14	18.29	18.46	18.34		
3	16QAM	8	0	18.25	18.35	18.18		
3	16QAM	8	4	18.35	18.37	18.47	19.5	0
3	16QAM	8	7	18.48	18.38	18.28		
3	16QAM	15	0	18.52	18.30	18.38		
3	64QAM	1	0	18.31	18.44	18.22		
3	64QAM	1	8	18.29	18.38	18.41	19.5	0
3	64QAM	1	14	18.15	18.36	18.36		
3	64QAM	8	0	18.50	18.46	18.15		
3	64QAM	8	4	18.33	18.32	18.32	19.5	0
3	64QAM	8	7	18.13	18.38	18.27		
3	64QAM	15	0	18.31	18.31	18.33		
3	256QAM	1	0	16.71	16.68	16.27		
3	256QAM	1	8	16.42	16.58	16.43	17.5	2
3	256QAM	1	14	16.47	16.70	16.28		
3	256QAM	8	0	16.70	16.69	16.49		
3	256QAM	8	4	16.59	16.58	16.28	17.5	2
3	256QAM	8	7	16.67	16.72	16.32		
3	256QAM	15	0	16.51	16.73	16.29		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.44	18.54	18.41		
1.4	QPSK	1	3	18.51	18.29	18.29		
1.4	QPSK	1	5	18.19	18.33	18.27	19.5	0
1.4	QPSK	3	0	18.42	18.47	18.32		
1.4	QPSK	3	1	18.22	18.32	18.28		
1.4	QPSK	3	3	18.27	18.52	18.43		
1.4	QPSK	6	0	18.43	18.39	18.35	19.5	0
1.4	16QAM	1	0	18.35	18.33	18.31		
1.4	16QAM	1	3	18.47	18.31	18.37		
1.4	16QAM	1	5	18.33	18.45	18.34	19.5	0
1.4	16QAM	3	0	18.34	18.16	18.18		
1.4	16QAM	3	1	18.31	18.30	18.46		
1.4	16QAM	3	3	18.39	18.42	18.33		
1.4	16QAM	6	0	18.43	18.28	18.34	19.5	0
1.4	64QAM	1	0	18.35	18.48	18.17		
1.4	64QAM	1	3	18.28	18.32	18.26		
1.4	64QAM	1	5	18.23	18.47	18.40	19.5	0
1.4	64QAM	3	0	18.44	18.45	18.23		
1.4	64QAM	3	1	18.31	18.46	18.33		
1.4	64QAM	3	3	18.15	18.29	18.29		
1.4	64QAM	6	0	18.51	18.58	18.16	19.5	0
1.4	256QAM	1	0	16.75	16.70	16.36		
1.4	256QAM	1	3	16.45	16.64	16.41		
1.4	256QAM	1	5	16.59	16.65	16.32	17.5	2
1.4	256QAM	3	0	16.46	16.60	16.54		
1.4	256QAM	3	1	16.58	16.56	16.31		
1.4	256QAM	3	3	16.72	16.75	16.37		
1.4	256QAM	6	0	16.58	16.69	16.20	17.5	2

Band 4 Ant 0 DSI6 sig path: 69

BW [MHz]	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	20.58	20.65	20.53		
20	QPSK	1	49	20.46	20.54	20.35	21.5	0
20	QPSK	1	99	20.43	20.41	20.41		
20	QPSK	50	0	20.56	20.62	20.57		
20	QPSK	50	24	20.50	20.49	20.49	21.5	0
20	QPSK	50	50	20.42	20.45	20.36		
20	QPSK	100	0	20.36	20.52	20.49		
20	16QAM	1	0	20.60	20.42	20.46		
20	16QAM	1	49	20

Band 25 Ant 0 DSI6 sig path: 45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.61	18.70	18.68	19.5	0
20	QPSK	1	49	18.63	18.50	18.62		
20	QPSK	1	99	18.53	18.61	18.58		
20	QPSK	50	0	18.60	18.64	18.51		
20	QPSK	50	24	18.48	18.53	18.60		
20	QPSK	50	50	18.42	18.50	18.58		
20	QPSK	100	0	18.47	18.58	18.52		
20	16QAM	1	0	18.67	18.58	18.54		
20	16QAM	1	49	18.59	18.70	18.61	19.5	0
20	16QAM	1	99	18.42	18.62	18.61		
20	16QAM	50	0	18.41	18.41	18.55		
20	16QAM	50	24	18.56	18.43	18.55	19.5	0
20	16QAM	50	50	18.66	18.62	18.52		
20	16QAM	100	0	18.48	18.52	18.48		
20	64QAM	1	0	18.60	18.55	18.59		
20	64QAM	1	49	18.58	18.59	18.63	19.5	0
20	64QAM	1	99	18.51	18.60	18.54		
20	64QAM	50	0	18.63	18.57	18.55		
20	64QAM	50	24	18.49	18.58	18.60	19.5	0
20	64QAM	50	50	18.45	18.49	18.59		
20	64QAM	100	0	18.58	18.58	18.53		
20	256QAM	1	0	16.80	16.41	16.47		
20	256QAM	1	49	16.60	16.73	16.54	17.5	2
20	256QAM	1	99	16.61	16.74	16.37		
20	256QAM	50	0	16.79	16.80	16.68		
20	256QAM	50	24	16.59	16.61	16.31	17.5	2
20	256QAM	50	50	16.70	16.75	16.47		
20	256QAM	100	0	16.59	16.75	16.34		
Channel				26115	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.49	18.67	18.51	19.5	0
15	QPSK	1	37	18.56	18.50	18.59		
15	QPSK	1	74	18.33	18.54	18.39		
15	QPSK	36	0	18.51	18.50	18.45		
15	QPSK	36	20	18.42	18.52	18.50		
15	QPSK	36	39	18.28	18.47	18.50		
15	QPSK	75	0	18.29	18.41	18.42		
15	16QAM	1	0	18.53	18.42	18.43		
15	16QAM	1	37	18.44	18.66	18.59	19.5	0
15	16QAM	1	74	18.29	18.60	18.43		
15	16QAM	36	0	18.25	18.33	18.54		
15	16QAM	36	20	18.58	18.33	18.48		
15	16QAM	36	39	18.62	18.56	18.48		
15	16QAM	75	0	18.44	18.39	18.46		
15	64QAM	1	0	18.44	18.42	18.58		
15	64QAM	1	37	18.55	18.54	18.60	19.5	0
15	64QAM	1	74	18.46	18.52	18.51		
15	64QAM	36	0	18.56	18.44	18.51		
15	64QAM	36	20	18.40	18.45	18.47	19.5	0
15	64QAM	36	39	18.32	18.33	18.53		
15	64QAM	75	0	18.41	18.55	18.50		
15	256QAM	1	0	16.73	16.67	16.33		
15	256QAM	1	37	16.46	16.64	16.45	17.5	2
15	256QAM	1	74	16.48	16.64	16.32		
15	256QAM	36	0	16.58	16.62	16.59		
15	256QAM	36	20	16.43	16.68	16.24	17.5	2
15	256QAM	36	39	16.57	16.68	16.42		
15	256QAM	75	0	16.47	16.66	16.19		
Channel				26040	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.59	18.59	18.51	19.5	0
10	QPSK	1	25	18.49	18.31	18.59		
10	QPSK	1	49	18.35	18.57	18.39		
10	QPSK	25	0	18.58	18.59	18.47		
10	QPSK	25	12	18.47	18.39	18.52		
10	QPSK	25	25	18.33	18.34	18.39		
10	QPSK	50	0	18.41	18.56	18.35		
10	16QAM	1	0	18.63	18.41	18.40		
10	16QAM	1	25	18.47	18.44	18.58	19.5	0
10	16QAM	1	49	18.31	18.44	18.47		
10	16QAM	25	0	18.33	18.27	18.40		
10	16QAM	25	12	18.50	18.41	18.49	19.5	0
10	16QAM	25	25	18.50	18.45	18.48		
10	16QAM	50	0	18.38	18.35	18.45		
10	16QAM	1	0	18.58	18.53	18.40		
10	16QAM	1	25	18.39	18.54	18.54	19.5	0
10	64QAM	1	49	18.31	18.40	18.48		
10	64QAM	25	0	18.61	18.42	18.53		
10	64QAM	25	12	18.32	18.56	18.46	19.5	0
10	64QAM	25	25	18.40	18.45	18.54		
10	64QAM	50	0	18.45	18.54	18.34		
10	256QAM	1	0	16.69	16.68	16.32		
10	256QAM	1	25	16.47	16.58	16.42	17.5	2
10	256QAM	1	49	16.51	16.64	16.29		
10	256QAM	25	0	16.72	16.66	16.63		
10	256QAM	25	12	16.44	16.75	16.28	17.5	2
10	256QAM	25	25	16.54	16.63	16.43		
10	256QAM	50	0	16.47	16.66	16.26		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.43	18.62	18.52	19.5	0
5	QPSK	1	12	18.49	18.39	18.61		
5	QPSK	1	24	18.51	18.46	18.50		
5	QPSK	12	0	18.49	18.55	18.46		
5	QPSK	12	7	18.47	18.35	18.58	19.5	0
5	QPSK	12	13	18.29	18.45	18.45		
5	QPSK	25	0	18.47	18.46	18.50		
5	16QAM	1	0	18.49	18.55	18.38		
5	16QAM	1	12	18.44	18.41	18.53	19.5	0
5	16QAM	1	24	18.28	18.47	18.48		
5	16QAM	12	0	18.21	18.40	18.52		
5	16QAM	12	7	18.51	18.35	18.48	19.5	0
5	16QAM	12	13	18.47	18.56	18.39		
5	16QAM	25	0	18.36	18.37	18.41		
5	64QAM	1	0	18.51	18.51	18.51		
5	64QAM	1	12	18.53	18.55	18.52	19.5	0
5	64QAM	1	24	18.37	18.50	18.44		
5	64QAM	12	0	18.44	18.44	18.42		
5	64QAM	12	7	18.42	18.42	18.42	19.5	0
5	64QAM	12	13	18.26	18.38	18.46		
5	64QAM	25	0	18.40	18.56	18.47		
5	256QAM	1	0	16.64	16.77	16.31		
5	256QAM	1	12	16.60	16.73	16.43	17.5	2
5	256QAM	1	24	16.49	16.60	16.33		
5	256QAM	12	0	16.68	16.66	16.56		
5	256QAM	12	7	16.45	16.71	16.24	17.5	2
5	256QAM	12	13	16.55	16.63	16.41		
5	256QAM	25	0	16.45	16.64	16.30		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.55	18.60	18.54	19.5	0
3	QPSK	1	8	18.49	18.49	18.49		
3	QPSK	1	14	18.34	18.52	18.54		
3	QPSK	8	0	18.49	18.55	18.39		
3	QPSK	8	4	18.36	18.44	18.46	19.5	0
3	QPSK	8	7	18.37	18.43	18.43		
3	QPSK	15	0	18.37	18.38	18.52		
3	16QAM	1	0	18.57	18.41	18.36		
3	16QAM	1	8	18.58	18.43	18.56	19.5	0
3	16QAM	1	14	18.38	18.53	18.50		
3	16QAM	8	0	18.25	18.40	18.46		
3	16QAM	8	4	18.52	18.27	18.41	19.5	0
3	16QAM	8	7	18.58	18.56	18.50		
3	16QAM	15	0	18.38	18.49	18.33		
3	64QAM	1	0	18.41	18.41	18.43		
3	64QAM	1	8	18.50	18.48	18.44	19.5	0
3	64QAM	1	14	18.38	18.50	18.41		
3	64QAM	8	0	18.51	18.44	18.38		
3	64QAM	8	4	18.39	18.41	18.50	19.5	0
3	64QAM	8	7	18.32	18.47	18.43		
3	64QAM	15	0	18.41	18.47	18.52		
3	256QAM	1	0	16.71	16.77	16.36		
3	256QAM	1	8	16.44	16.66	16.55	17.5	2
3	256QAM	1	14	16.46	16.68	16.35		
3	256QAM	8	0	16.74	16.65	16.63		
3	256QAM	8	4	16.48	16.70	16.28	17.5	2
3	256QAM	8	7	16.64	16.66	16.50		
3	256QAM	15	0	16.51	16.67	16.24		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.49	18.59	18.50	19.5	0
1.4	QPSK	1	3	18.52	18.32	18.51		
1.4	QPSK	1	5	18.43	18.52	18.49		
1.4	QPSK	3	0	18.47	18.50	18.37		
1.4	QPSK	3	1	18.31	18.44	18.55		
1.4	QPSK	3	3	18.32	18.35	18.48		
1.4	QPSK	6	0	18.38	18.55	18.38	19.5	0
1.4	16QAM	1	0	18.66	18.54	18.53	19.5	0
1.4	16QAM	1	3	18.46	18.45	18.50		
1.4	16QAM	1	5	18.36	18.60	18.46		
1.4	16QAM	3	0	18.22	18.24	18.51		
1.4	16QAM	3	1	18.37	18.25	18.45		
1.4	16QAM	3	3	18.64	18.50	18.34		
1.4	16QAM	6	0	18.42	18.39	18.36	19.5	0
1.4	64QAM	1	0	18.48	18.43	18.41	19.5	0
1.4	64QAM	1	3	18.42	18.56	18.63		
1.4	64QAM	1	5	18.44	18.49	18.38		
1.4	64QAM	3	0	18.32	18.39	18.52		
1.4	64QAM	3	1	18.37	18.56	18.57		
1.4	64QAM	3	3	18.35	18.48	18.41		
1.4	64QAM	6	0	18.45	18.39	18.39	19.5	0
1.4	256QAM	1	0	16.68	16.76	16.36	17.5	2
1.4	256QAM	1	3	16.49	16.64	16.54		
1.4	256QAM	1	5	16.49	16.65	16.35		
1.4	256QAM	3	0	16.70	16.65	16.64		
1.4	256QAM	3	1	16.44	16.74	16.28		
1.4	256QAM	3	3	16.55	16.62	16.50		
1.4	256QAM	6	0	16.48	16.65	16.28	17.5	2

Band 25 Ant 0 DSI6 sig path: 457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.59	18.74	18.61	19.5	0
20	QPSK	1	49	18.52	18.59	18.62		
20	QPSK	1	99	18.38	18.51	18.45		
20	QPSK	50	0	18.67	18.70	18.56		
20	QPSK	50	24	18.42	18.52	18.61		
20	QPSK	50	50	18.57	18.49	18.60		
20	QPSK	100	0	18.48	18.65	18.61		
20	16QAM	1	0	18.68	18.50	18.64		
20	16QAM	1	49	18.59	18.56	18.56	19.5	0
20	16QAM	1	99	18.57	18.64	18.61		
20	16QAM	50	0	18.52	18.44	18.54		
20	16QAM	50	24	18.54	18.58	18.49	19.5	0
20	16QAM	50	50	18.57	18.51	18.55		
20	16QAM	100	0	18.58	18.60	18.57		
20	64QAM	1	0	18.62	18.58	18.41		
20	64QAM	1	49	18.59	18.52	18.61	19.5	0
20	64QAM	1	99	18.57	18.57	18.54		
20	64QAM	50	0	18.63	18.56	18.57		
20	64QAM	50	24	18.63	18.56	18.56	19.5	0
20	64QAM	50	50	18.60	18.54	18.54		
20	64QAM	100	0	18.47	18.58	18.52		
20	256QAM	1	0	16.87	16.51	16.49		
20	256QAM	1	49	16.65	16.72	16.61	17.5	2
20	256QAM	1	99	16.71	16.82	16.37		
20	256QAM	50	0	16.85	16.89	16.70		
20	256QAM	50	24	16.69	16.86	16.40	17.5	2
20	256QAM	50	50	16.73	16.81	16.48		
20	256QAM	100	0	16.64	16.81	16.43		
Channel				26115	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.52	18.64	18.52	19.5	0
15	QPSK	1	37	18.43	18.40	18.56		
15	QPSK	1	74	18.19	18.37	18.35		
15	QPSK	36	0	18.48	18.54	18.37		
15	QPSK	36	20	18.32	18.38	18.43		
15	QPSK	36	39	18.53	18.37	18.51		
15	QPSK	75	0	18.33	18.59	18.59		
15	16QAM	1	0	18.54	18.31	18.48		
15	16QAM	1	37	18.63	18.52	18.52	19.5	0
15	16QAM	1	74	18.52	18.46	18.43		
15	16QAM	36	0	18.40	18.34	18.34		
15	16QAM	36	20	18.39	18.41	18.44		
15	16QAM	36	39	18.46	18.46	18.42		
15	16QAM	75	0	18.51	18.51	18.50		
15	64QAM	1	0	18.50	18.50	18.32		
15	64QAM	1	37	18.47	18.42	18.49	19.5	0
15	64QAM	1	74	18.50	18.49	18.45		
15	64QAM	36	0	18.44	18.42	18.42		
15	64QAM	36	20	18.51	18.51	18.37	19.5	0
15	64QAM	36	39	18.51	18.37	18.43		
15	64QAM	75	0	18.34	18.40	18.33		
15	256QAM	1	0	16.72	16.73	16.44		
15	256QAM	1	37	16.55	16.67	16.46	17.5	2
15	256QAM	1	74	16.63	16.76	16.30		
15	256QAM	36	0	16.58	16.76	16.54		
15	256QAM	36	20	16.59	16.70	16.31	17.5	2
15	256QAM	36	39	16.61	16.71	16.41		
15	256QAM	75	0	16.51	16.76	16.28		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.50	18.62	18.52	19.5	0
10	QPSK	1	25	18.42	18.55	18.47		
10	QPSK	1	49	18.21	18.46	18.39		
10	QPSK	25	0	18.59	18.57	18.44		
10	QPSK	25	12	18.39	18.35	18.50		
10	QPSK	25	25	18.48	18.36	18.56		
10	QPSK	50	0	18.43	18.57	18.48		
10	16QAM	1	0	18.63	18.33	18.59		
10	16QAM	1	25	18.52	18.38	18.53	19.5	0
10	16QAM	1	49	18.43	18.52	18.51		
10	16QAM	25	0	18.48	18.31	18.36		
10	16QAM	25	12	18.50	18.49	18.43	19.5	0
10	16QAM	25	25	18.41	18.50	18.36		
10	16QAM	50	0	18.57	18.45	18.55		
10	64QAM	1	0	18.42	18.48	18.29		
10	64QAM	1	25	18.51	18.36	18.46	19.5	0
10	64QAM	1	49	18.43	18.39	18.50		
10	64QAM	25	0	18.44	18.39	18.49		
10	64QAM	25	12	18.56	18.42	18.52	19.5	0
10	64QAM	25	25	18.53	18.38	18.38		
10	64QAM	50	0	18.35	18.44	18.37		
10	256QAM	1	0	16.80	16.76	16.54		
10	256QAM	1	25	16.53	16.64	16.65	17.5	2
10	256QAM	1	49	16.64	16.74	16.32		
10	256QAM	25	0	16.74	16.74	16.59		
10	256QAM	25	12	16.55	16.75	16.28	17.5	2
10	256QAM	25	25	16.64	16.76	16.41		
10	256QAM	50	0	16.48	16.72	16.31		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.42	18.66	18.55	19.5	0
5	QPSK	1	12	18.34	18.40	18.45		
5	QPSK	1	24	18.27	18.41	18.27		
5	QPSK	12	0	18.47	18.61	18.38		
5	QPSK	12	7	18.37	18.33	18.60	19.5	0
5	QPSK	12	13	18.39	18.47	18.44		
5	QPSK	25	0	18.43	18.52	18.51		
5	16QAM	1	0	18.65	18.40	18.59		
5	16QAM	1	12	18.54	18.44	18.44	19.5	0
5	16QAM	1	24	18.43	18.62	18.45		
5	16QAM	12	0	18.37	18.28	18.53		
5	16QAM	12	7	18.35	18.54	18.32	19.5	0
5	16QAM	12	13	18.52	18.42	18.54		
5	16QAM	25	0	18.46	18.53	18.47		
5	64QAM	1	0	18.57	18.34	18.34		
5	64QAM	1	12	18.40	18.39	18.59	19.5	0
5	64QAM	1	24	18.44	18.50	18.35		
5	64QAM	12	0	18.37	18.29	18.57		
5	64QAM	12	7	18.61	18.46	18.48	19.5	0
5	64QAM	12	13	18.47	18.46	18.53		
5	64QAM	25	0	18.28	18.53	18.44		
5	256QAM	1	0	16.80	16.76	16.44		
5	256QAM	1	12	16.62	16.65	16.65	17.5	2
5	256QAM	1	24	16.59	16.67	16.36		
5	256QAM	12	0	16.81	16.82	16.75		
5	256QAM	12	7	16.60	16.79	16.36	17.5	2
5	256QAM	12	13	16.67	16.75	16.49		
5	256QAM	25	0	16.51	16.76	16.28		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.47	18.55	18.51	19.5	0
3	QPSK	1	8	18.41	18.56	18.57		
3	QPSK	1	14	18.29	18.49	18.44		
3	QPSK	8	0	18.55	18.57	18.48		
3	QPSK	8	4	18.39	18.23	18.50	19.5	0
3	QPSK	8	7	18.42	18.50	18.50		
3	QPSK	15	0	18.39	18.57	18.42		
3	16QAM	1	0	18.50	18.33	18.48		
3	16QAM	1	8	18.57	18.32	18.44	19.5	0
3	16QAM	1	14	18.46	18.56	18.53		
3	16QAM	8	0	18.46	18.45	18.74		
3	16QAM	8	4	18.43	18.45	18.39	19.5	0
3	16QAM	8	7	18.43	18.39	18.43		
3	16QAM	15	0	18.43	18.50	18.37		
3	64QAM	1	0	18.53	18.26	18.39		
3	64QAM	1	8	18.55	18.47	18.45	19.5	0
3	64QAM	1	14	18.38	18.41	18.39		
3	64QAM	8	0	18.44	18.31	18.55		
3	64QAM	8	4	18.55	18.55	18.39	19.5	0
3	64QAM	8	7	18.58	18.37	18.44		
3	64QAM	15	0	18.42	18.39	18.50		
3	256QAM	1	0	16.77	16.76	16.40		
3	256QAM	1	8	16.68	16.66	16.53	17.5	2
3	256QAM	1	14	16.64	16.77	16.31		
3	256QAM	8	0	16.72	16.83	16.68		
3	256QAM	8	4	16.63	16.75	16.38	17.5	2
3	256QAM	8	7	16.63	16.74	16.47		
3	256QAM	15	0	16.58	16.65	16.31		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.45	18.65	18.60	19.5	0
1.4	QPSK	1	3	18.47	18.59	18.54		
1.4	QPSK	1	5	18.35	18.43	18.28		
1.4	QPSK	3	0	18.55	18.66	18.53		
1.4	QPSK	3	1	18.36	18.40	18.50		
1.4	QPSK	3	3	18.56	18.43	18.53		
1.4	QPSK	6	0	18.48	18.51	18.52	19.5	0
1.4	16QAM	1	0	18.52	18.35	18.56	19.5	0
1.4	16QAM	1	3	18.65	18.35	18.55		
1.4	16QAM	1	5	18.55	18.60	18.46		
1.4	16QAM	3	0	18.35	18.26	18.43		
1.4	16QAM	3	1	18.43	18.46	18.35		
1.4	16QAM	3	3	18.43	18.42	18.35		
1.4	16QAM	6	0	18.47	18.53	18.54	19.5	0
1.4	64QAM	1	0	18.50	18.52	18.31	19.5	0
1.4	64QAM	1	3	18.51	18.45	18.49		
1.4	64QAM	1	5	18.48	18.37	18.39		
1.4	64QAM	3	0	18.33	18.39	18.39		
1.4	64QAM	3	1	18.43	18.43	18.46		
1.4	64QAM	3	3	18.57	18.34	18.53		
1.4	64QAM	6	0	18.29	18.53	18.35	19.5	0
1.4	256QAM	1	0	16.73	16.73	16.42	17.5	2
1.4	256QAM	1	3	16.54	16.66	16.51		
1.4	256QAM	1	5	16.66	16.72	16.29		
1.4	256QAM	3	0	16.80	16.74	16.74		
1.4	256QAM	3	1	16.62	16.78	16.34		
1.4	256QAM	3	3	16.63	16.72	16.54		
1.4	256QAM	6	0	16.54	16.75	16.29	17.5	2

Band 66 Ant 0 DSI6 sig path: 70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.70	20.72	20.68	21.5	0
20	QPSK	1	49	20.56	20.69	20.62		
20	QPSK	1	99	20.36	20.46	20.57		
20	QPSK	50	0	20.62	20.67	20.53		
20	QPSK	50	24	20.49	20.59	20.52		
20	QPSK	50	50	20.51	20.54	20.50		
20	QPSK	100	0	20.51	20.64	20.55		
20	16QAM	1	0	20.56	20.48	20.59		
20	16QAM	1	49	20.53	20.72	20.45	21.5	0
20	16QAM	1	99	20.57	20.54	20.51		
20	16QAM	50	0	20.13	20.29

Band 2 Ant 4 DSI6 sig path: 44

BW [MHz]	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	21.12	21.16	21.08	22	0
20	QPSK	1	49	20.95	21.04	21.09		
20	QPSK	1	99	20.81	20.96	20.92		
20	QPSK	50	0	21.04	21.06	21.00		
20	QPSK	50	24	20.96	20.91	20.89		
20	QPSK	50	50	20.89	20.95	20.99		
20	QPSK	100	0	21.08	21.10	21.06		
20	16QAM	1	0	21.15	21.03	21.05		
20	16QAM	1	49	20.96	20.93	20.95	22	0
20	16QAM	1	99	21.04	21.11	21.00		
20	16QAM	50	0	21.04	20.94	20.92		
20	16QAM	50	24	21.03	20.88	20.96		
20	16QAM	50	50	21.00	21.01	21.06		
20	16QAM	100	0	20.92	20.97	21.00		
20	64QAM	1	0	21.09	21.09	21.05		
20	64QAM	1	49	21.00	21.14	21.08	22	0
20	64QAM	1	99	20.95	20.99	20.92		
20	64QAM	50	0	20.07	20.14	19.93		
20	64QAM	50	24	20.02	20.04	20.00		
20	64QAM	50	50	19.93	20.09	19.95	21	1
20	64QAM	100	0	19.84	20.02	20.05		
20	256QAM	1	0	18.29	18.31	17.95		
20	256QAM	1	49	17.99	18.28	18.20	19	3
20	256QAM	1	99	18.07	18.21	17.84		
20	256QAM	50	0	18.14	18.22	18.21		
20	256QAM	50	24	18.13	18.31	18.06	19	3
20	256QAM	50	50	18.28	18.27	18.04		
20	256QAM	100	0	18.00	18.23	17.89		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.10	21.00	20.90	22	0
15	QPSK	1	37	20.76	21.02	20.79		
15	QPSK	1	74	20.63	20.91	20.71		
15	QPSK	36	0	20.95	21.02	20.96		
15	QPSK	36	20	20.84	20.81	20.89		
15	QPSK	36	39	20.69	20.91	20.90		
15	QPSK	75	0	20.96	21.09	20.88		
15	16QAM	1	0	21.10	20.86	20.96		
15	16QAM	1	37	20.92	20.74	20.77	22	0
15	16QAM	1	74	20.99	20.97	20.91		
15	16QAM	36	0	21.01	20.78	20.88		
15	16QAM	36	20	20.83	20.82	20.91		
15	16QAM	36	39	20.90	20.91	20.90	22	0
15	16QAM	75	0	20.91	20.81	20.85		
15	64QAM	1	0	21.03	20.89	21.01		
15	64QAM	1	37	20.89	20.98	20.88	22	0
15	64QAM	1	74	20.83	20.81	20.80		
15	64QAM	36	0	19.94	20.10	19.83		
15	64QAM	36	20	19.94	19.97	19.89	21	1
15	64QAM	36	39	19.78	19.99	19.89		
15	64QAM	75	0	19.79	19.96	20.00		
15	256QAM	1	0	18.16	18.15	17.83		
15	256QAM	1	37	17.95	18.15	18.10	19	3
15	256QAM	1	74	18.01	18.09	17.77		
15	256QAM	36	0	18.00	18.17	18.06		
15	256QAM	36	20	18.03	18.23	18.01	19	3
15	256QAM	36	39	18.23	18.13	17.91		
15	256QAM	75	0	17.85	18.16	17.75		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.95	21.02	21.04	22	0
10	QPSK	1	25	20.75	21.02	21.00		
10	QPSK	1	49	20.70	20.77	20.69		
10	QPSK	25	0	20.88	21.03	20.81		
10	QPSK	25	12	20.95	20.87	20.73	22	0
10	QPSK	25	25	20.79	20.86	20.82		
10	QPSK	50	0	21.04	21.03	20.90		
10	16QAM	1	0	21.02	20.98	20.99		
10	16QAM	1	25	20.83	20.90	20.92	22	0
10	16QAM	1	49	21.02	21.03	20.86		
10	16QAM	25	0	21.02	20.79	20.83		
10	16QAM	25	12	21.00	20.69	20.82	22	0
10	16QAM	25	25	20.94	20.95	21.04		
10	16QAM	50	0	20.79	20.88	20.82		
10	64QAM	1	0	21.00	20.94	20.93		
10	64QAM	1	25	20.85	20.96	21.00	22	0
10	64QAM	1	49	20.90	20.86	20.80		
10	64QAM	25	0	19.95	20.00	19.77		
10	64QAM	25	12	19.90	19.98	19.88	21	1
10	64QAM	25	25	19.78	19.93	19.84		
10	64QAM	50	0	19.75	19.93	20.00		
10	256QAM	1	0	18.25	18.19	17.85		
10	256QAM	1	25	17.94	18.24	18.12	19	3
10	256QAM	1	49	18.02	18.09	17.76		
10	256QAM	25	0	18.06	18.16	18.16		
10	256QAM	25	12	18.04	18.18	17.94	19	3
10	256QAM	25	25	18.13	18.16	17.95		
10	256QAM	50	0	17.89	18.13	17.84		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.11	21.03	21.03	22	0
5	QPSK	1	12	20.93	20.84	21.01		
5	QPSK	1	24	20.64	20.86	20.66		
5	QPSK	12	0	21.03	20.93	20.84		
5	QPSK	12	7	20.86	20.89	20.87	22	0
5	QPSK	12	13	20.75	20.88	20.90		
5	QPSK	25	0	21.04	21.06	21.06		
5	16QAM	1	0	21.14	21.01	21.03		
5	16QAM	1	12	20.77	20.90	20.89	22	0
5	16QAM	1	24	20.90	20.91	20.92		
5	16QAM	12	0	20.93	20.75	20.91		
5	16QAM	12	7	20.96	20.74	20.82	22	0
5	16QAM	12	13	20.98	20.92	21.01		
5	16QAM	25	0	20.91	20.79	20.83		
5	64QAM	1	0	20.90	20.81	20.96	22	0
5	64QAM	1	12	20.83	21.01	20.92		
5	64QAM	1	24	20.84	20.83	20.86		
5	64QAM	12	0	19.93	19.99	19.86		
5	64QAM	12	7	19.90	19.94	19.90	21	1
5	64QAM	12	13	19.88	19.98	19.80		
5	64QAM	25	0	19.73	19.77	19.97		
5	256QAM	1	0	18.19	18.24	17.84		
5	256QAM	1	12	17.84	18.18	18.10	19	3
5	256QAM	1	24	18.00	18.12	17.90		
5	256QAM	12	0	18.01	18.08	18.14		
5	256QAM	12	7	18.07	18.23	17.97	19	3
5	256QAM	12	13	18.14	18.19	17.95		
5	256QAM	25	0	17.88	18.14	17.81		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.04	21.05	20.94	22	0
3	QPSK	1	8	20.84	21.03	21.07		
3	QPSK	1	14	20.62	20.95	20.77		
3	QPSK	8	0	20.99	21.04	20.86		
3	QPSK	8	4	20.83	20.75	20.86	22	0
3	QPSK	8	7	20.88	20.90	20.85		
3	QPSK	15	0	21.07	20.91	20.95		
3	16QAM	1	0	20.97	20.86	20.94		
3	16QAM	1	8	20.78	20.82	20.77	22	0
3	16QAM	1	14	20.96	21.08	20.94		
3	16QAM	8	0	21.01	20.81	20.90		
3	16QAM	8	4	20.94	20.68	20.80	22	0
3	16QAM	8	7	20.83	20.96	21.04		
3	16QAM	15	0	20.87	20.90	20.88		
3	64QAM	1	0	20.99	20.99	20.98		
3	64QAM	1	8	20.85	21.11	21.01	22	0
3	64QAM	1	14	20.75	20.95	20.92		
3	64QAM	8	0	20.00	20.04	19.86		
3	64QAM	8	4	19.96	19.89	19.89	21	1
3	64QAM	8	7	19.80	19.95	19.90		
3	64QAM	15	0	19.77	19.93	19.99		
3	256QAM	1	0	18.16	18.27	17.90		
3	256QAM	1	8	17.92	18.22	18.08	19	3
3	256QAM	1	14	18.00	18.15	17.95		
3	256QAM	8	0	17.99	18.15	18.13		
3	256QAM	8	4	18.08	18.20	17.99	19	3
3	256QAM	8	7	18.23	18.22	17.90		
3	256QAM	15	0	17.96	18.16	17.79		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.08	20.98	21.05	22	0
1.4	QPSK	1	3	20.93	20.88	20.94		
1.4	QPSK	1	5	20.66	20.78	20.66		
1.4	QPSK	3	0	20.86	20.94	20.84		
1.4	QPSK	3	1	20.84	20.83	20.81		
1.4	QPSK	3	3	20.89	20.85	20.94		
1.4	QPSK	6	0	21.01	20.94	20.98	22	0
1.4	16QAM	1	0	20.98	20.86	20.87	22	0
1.4	16QAM	1	3	20.92	20.83	20.80		
1.4	16QAM	1	5	20.86	20.96	20.82		
1.4	16QAM	3	0	20.86	20.85	20.79		
1.4	16QAM	3	1	20.89	20.85	20.84		
1.4	16QAM	3	3	20.88	20.95	20.90		
1.4	16QAM	6	0	20.81	20.87	20.85	22	0
1.4	64QAM	1	0	21.06	20.98	20.94	22	0
1.4	64QAM	1	3	20.96	21.10	21.08		
1.4	64QAM	1	5	20.93	20.93	20.84		
1.4	64QAM	3	0	20.91	20.91	20.78		
1.4	64QAM	3	1	20.93	21.04	20.87		
1.4	64QAM	3	3	20.82	20.93	20.76		
1.4	64QAM	6	0	20.17	20.06	20.05	21	1
1.4	256QAM	1	0	18.09	18.21	18.06	19	3
1.4	256QAM	1	3	17.92	17.97	18.24		
1.4	256QAM	1	5	18.02	18.19	18.05		
1.4	256QAM	3	0	18.31	18.25	18.15		
1.4	256QAM	3	1	18.08	18.27	18.18		
1.4	256QAM	3	3	18.05	18.41	18.12		
1.4	256QAM	6	0	17.94	18.19	17.92	19	3

Band 2 Ant 4 DSI6 sig path: 456

BW [MHz]	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	20.96	21.06	21.03	22	0
20	QPSK	1	49	20.86	20.89	20.92		
20	QPSK	1	99	20.81	20.86	20.73		
20	QPSK	50	0	20.90	20.98	20.94		
20	QPSK	50	24	20.90	20.76	20.90		
20	QPSK	50	50	20.87	20.89	20.97		
20	QPSK	100	0	20.98	20.95	20.79		
20	16QAM	1	0	21.01	20.84	20.87		
20	16QAM	1	49	20.90	20.96	20.93	22	0
20	16QAM	1	99	20.78	20.88	20.82		
20	16QAM	50	0	20.83	20.86	20.96		
20	16QAM	50	24	20.82	20.84	20.88	22	0
20	16QAM	50	50	20.96	21.03	20.95		
20	16QAM	100	0	20.87	21.01	20.90		
20	64QAM	1	0	20.97	20.93	20.89		
20	64QAM	1	49	20.87	20.99	20.98	22	0
20	64QAM	1	99	20.94	20.86	20.81		
20	64QAM	50	0	19.92	20.07	19.79		
20	64QAM	50	24	19.86	19.92	19.93	21	1
20	64QAM	50	50	19.86	19.96	19.80		
20	64QAM	100	0	19.72	19.87	19.93		
20	256QAM	1	0	18.14	18.16	17.80		
20	256QAM	1	49	17.90	18.16	18.06	19	3
20	256QAM	1	99	17.95	18.12	17.76		
20	256QAM	50	0	18.01	18.16	18.13		
20	256QAM	50	24	18.02	18.19	17.97	19	3
20	256QAM	50	50	18.23	18.20	17.97		
20	256QAM	100	0	17.86	18.10	17.76		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.94	20.98	20.95	22	0
15	QPSK	1	37	20.78	20.97	20.84		
15	QPSK	1	74	20.57	20.80	20.53		
15	QPSK	36	0	20.77	20.93	20.87		
15	QPSK	36	20	20.78	20.72	20.81		
15	QPSK	36	39	20.72	20.81	20.79	22	0
15	QPSK	75	0	20.79	20.77	20.74		
15	16QAM	1	0	20.82	20.65	20.74		
15	16QAM	1	37	20.88	20.90	20.86	22	0
15	16QAM	1	74	20.87	20.79	20.62		
15	16QAM	36	0	20.64	20.73	20.90		
15	16QAM	36	20	20.72	20.82	20.87	22	0
15	16QAM	36	39	20.91	20.96	20.85		
15	16QAM	75	0	20.82	20.84	20.75		
15	64QAM	1	0	20.74	20.85	20.88		
15	64QAM	1	37	20.74	20.79	20.82	22	0
15	64QAM	1	74	20.86	20.67	20.67		
15	64QAM	36	0	19.79	19.93	19.66		
15	64QAM	36	20	20.74	19.87	19.87	21	1
15	64QAM	36	39	19.77	19.82	19.67		
15	64QAM	75	0	19.68	19.74	19.82		
15	256QAM	1	0	18.07	18.06	17.68		
15	256QAM	1	37	17.75	18.05	17.94	19	3
15	256QAM	1	74	17.82	18.07	17.62		
15	256QAM	36	0	17.97	18.01	18.06		
15	256QAM	36	20	17.89	18.11	17.83	19	3
15	256QAM	36	39	18.12	18.08	17.87		
15	256QAM	75	0	17.82	17.95	17.60		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.93	21.02	20.99	22	0
10	QPSK	1	25	20.76	20.83	20.80		
10	QPSK	1	49	20.53	20.78	20.59		
10	QPSK	25	0	20.75	20.79	20.75		
10	QPSK	25	12	20.80	20.57	20.75	22	0
10	QPSK	25	25	20.86	20.69	20.82		
10	QPSK	50	0	20.81	20.75	20.65		
10	16QAM	1	0	20.93	20.75	20.69		
10	16QAM	1	25	20.88	20.78	20.89	22	0
10	16QAM	1	49	20.75	20.74	20.74		
10	16QAM	25	0	20.65	20.75	20.78		
10	16QAM	25	12	20.80	20.66	20.69	22	0
10	16QAM	25	25	20.90	21.02	20.81		
10	16QAM	50	0	20.72	20.76	20.79		
10	64QAM	1	0	20.82	20.74	20.73		
10	64QAM	1	25	20.83	20.95	20.80	22	0
10	64QAM	1	49	20.89	20.83	20.72		
10	64QAM	25	0	19.87	19.93	19.65		
10	64QAM	25	12	19.80	19.82	19.84	21	1
10	64QAM	25	25	19.76	19.82	19.70		
10	64QAM	50	0	19.61	19.76	19.86		
10	256QAM	1	0	18.04	18.11	17.68		
10	256QAM	1	25	17.81	18.05	18.00	19	3
10	256QAM	1	49	17.81	18.01	17.67		
10	256QAM	25	0	17.96	18.06	17.98		
10	256QAM	25	12	17.87	17.93	17.65	19	3
10	256QAM	25	25	18.05	18.07	17.85		
10	256QAM	50	0	17.76	17.94	17.64		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.92	20.88	20.90	22	0
5	QPSK	1	12	20.79	20.72	20.84		
5	QPSK	1	24	20.52	20.68	20.61		
5	QPSK	12	0	20.86	20.79	20.88		
5	QPSK	12	7	20.80	20.71	20.72	22	0
5	QPSK	12	13	20.80	20.78	20.87		
5	QPSK	25	0	20.70	20.86	20.72		
5	16QAM	1	0	20.98	20.81	20.81		
5	16QAM	1	12	20.79	20.82	20.81	22	0
5	16QAM	1	24	20.67	20.69	20.76		
5	16QAM	12	0	20.76	20.68	20.92		
5	16QAM	12	7	20.74	20.81	20.80	22	0
5	16QAM	12	13	20.84	20.84	20.93		
5	16QAM	25	0	20.80	20.84	20.80		
5	64QAM	1	0	20.75	20.88	20.84		
5	64QAM	1	12	20.72	20.89	20.95	22	0
5	64QAM	1	24	20.81	20.77	20.78		
5	64QAM	12	0	19.77	20.03	19.72		
5	64QAM	12	7	19.76	19.80	19.86	21	1
5	64QAM	12	13	19.79	19.88	19.72		
5	64QAM	25	0	19.62	19.73	19.93		
5	256QAM	1	0	18.09	18.02	17.68		
5	256QAM	1	12	17.77	18.02	17.97	19	3
5	256QAM	1	24	17.87	18.01	17.65		
5	256QAM	12	0	17.90	18.00	18.00		
5	256QAM	12	7	17.90	18.13	17.92	19	3
5	256QAM	12	13	18.04	18.01	17.77		
5	256QAM	25	0	17.75	17.96	17.68		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.85	20.88	20.84	22	0
3	QPSK	1	8	20.86	20.77	20.82		
3	QPSK	1	14	20.69	20.84	20.60		
3	QPSK	8	0	20.77	20.75	20.91		
3	QPSK	8	4	20.76	20.70	20.88	22	0
3	QPSK	8	7	20.69	20.86	20.92		
3	QPSK	15	0	20.69	20.88	20.63		
3	16QAM	1	0	20.89	20.74	20.75		
3	16QAM	1	8	20.74	20.85	20.86	22	0
3	16QAM	1	14	20.71	20.84	20.69		
3	16QAM	8	0	20.75	20.64	20.87		
3	16QAM	8	4	20.63	20.76	20.72	22	0
3	16QAM	8	7	20.95	20.94	20.88		
3	16QAM	15	0	20.70	20.95	20.74		
3	64QAM	1	0	20.82	20.78	20.84		
3	64QAM	1	8	20.85	21.00	20.89	22	0
3	64QAM	1	14	20.89	20.85	20.69		
3	64QAM	8	0	19.86	19.96	19.71		
3	64QAM	8	4	19.78	19.82	19.84	21	1
3	64QAM	8	7	19.76	19.89	19.66		
3	64QAM	15	0	19.56	19.75	19.78		
3	256QAM	1	0	18.09	18.10	17.73		
3	256QAM	1	8	17.82	18.04	17.91	19	3
3	256QAM	1	14	17.83	18.00	17.68		
3	256QAM	8	0	17.94	18.03	17.98		
3	256QAM	8	4	17.94	18.09	17.86	19	3
3	256QAM	8	7	18.08	18.11	17.79		
3	256QAM	15	0	17.72	18.06	17.70		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.77	20.96	21.01	22	0
1.4	QPSK	1	3	20.80	20.72	20.72		
1.4	QPSK	1	5	20.62	20.85	20.58		
1.4	QPSK	3	0	20.86	20.85	20.84		
1.4	QPSK	3	1	20.84	20.76	20.73		
1.4	QPSK	3	3	20.84	20.78	20.85		
1.4	QPSK	6	0	20.96	20.81	20.72	22	0
1.4	16QAM	1	0	20.87	20.71	20.72	22	0
1.4	16QAM	1	3	20.78	20.78	20.75		
1.4	16QAM	1	5	20.63	20.69	20.70		
1.4	16QAM	3	0	20.66	20.64	20.80		
1.4	16QAM	3	1	20.79	20.74	20.86		
1.4	16QAM	3	3	20.89	20.96	20.90		
1.4	16QAM	6	0	20.69	20.87	20.81	22	0
1.4	64QAM	1	0	20.78	20.85	20.72	22	0
1.4	64QAM	1	3	20.84	20.90	20.83		
1.4	64QAM	1	5	20.86	20.78	20.72		
1.4	64QAM	3	0	20.76	20.87	20.74		
1.4	64QAM	3	1	20.80	20.63	20.72		
1.4	64QAM	3	3	20.75	20.80	20.64		
1.4	64QAM	6	0	20.02	19.98	19.97	21	1
1.4	256QAM	1	0	17.93	18.10	17.99	19	3
1.4	256QAM	1	3	17.80	17.91	18.09		
1.4	256QAM	1	5	17.91	18.06	17.98		
1.4	256QAM	3	0	18.23	18.15	18.10		
1.4	256QAM	3	1	17.97	18.21	18.04		
1.4	256QAM	3	3	17.99	18.34	17.98		
1.4	256QAM	6	0	17.80	18.15	17.81	19	3

Band 4 Ant 4 DSI6 sig path: 69

BW [MHz]	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	22.51	22.74	22.64	23.5	0
20	QPSK	1	49	22.64	22.66	22.57		
20	QPSK	1	99	22.47	22.69	22.57		
20	QPSK	50	0	22.12	22.25	22.03		
20	QPSK	50	24	22.17	22.14	22.11		
20	QPSK	50	50	22.12	22.21	22.08	23	0.5
20	QPSK	100	0	22.07	22.27	22.12		
20	16QAM	1	0	22.17	22.18	22.19		
20	16QAM	1	49	22.19	22.19	22.05	23	0.5
20	16QAM	1	99	22.15	22.06	22.15		
20	16QAM	50	0	21.26	21.49	21.11		
20	16QAM	50	24	21.10	21.29	21.16	22	1.5
20	16QAM	50	50	21.05	21.32	21.23		
20	16QAM	100	0	21.04	21.19	21.00		
20

Band 25 Ant 4 DSI6 sig path: 45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26500		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.00	21.13	20.97	22	0
20	QPSK	1	49	20.85	20.97	20.97		
20	QPSK	1	99	20.82	20.85	20.88		
20	QPSK	50	0	21.05	21.09	20.95		
20	QPSK	50	24	20.99	20.85	20.93	22	0
20	QPSK	50	50	20.92	20.97	21.04		
20	QPSK	100	0	20.97	21.03	20.87		
20	16QAM	1	0	21.00	20.95	20.95		
20	16QAM	1	49	20.93	20.89	21.02	22	0
20	16QAM	1	99	20.95	21.09	21.03		
20	16QAM	50	0	20.82	20.87	20.84		
20	16QAM	50	24	20.96	20.85	21.05	22	0
20	16QAM	50	50	21.07	20.90	21.00		
20	16QAM	100	0	20.95	20.95	20.93		
20	64QAM	1	0	20.88	20.98	20.92		
20	64QAM	1	49	20.86	21.06	20.88	22	0
20	64QAM	1	99	20.92	21.04	20.93		
20	64QAM	50	0	20.14	20.16	20.03		
20	64QAM	50	24	20.05	20.09	20.09	21	1
20	64QAM	50	50	19.98	20.12	19.98		
20	64QAM	100	0	19.86	20.03	20.15		
20	256QAM	1	0	18.38	18.35	18.02		
20	256QAM	1	49	18.09	18.33	18.22	19	3
20	256QAM	1	99	18.15	18.22	17.88		
20	256QAM	50	0	18.24	18.29	18.20		
20	256QAM	50	24	18.15	18.31	18.12	19	3
20	256QAM	50	50	18.33	18.29	18.10		
20	256QAM	100	0	18.11	18.29	17.99		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.81	21.03	20.78		
15	QPSK	1	37	20.79	20.78	20.74	22	0
15	QPSK	1	74	20.76	20.68	20.86		
15	QPSK	36	0	20.88	21.01	20.78		
15	QPSK	36	20	20.80	20.83	20.82	22	0
15	QPSK	36	39	21.03	20.88	20.90		
15	QPSK	75	0	20.94	20.88	20.72		
15	16QAM	1	0	20.82	20.93	20.86		
15	16QAM	1	37	20.88	20.78	20.83	22	0
15	16QAM	1	74	20.83	20.77	20.99		
15	16QAM	36	0	20.79	20.78	20.81		
15	16QAM	36	20	20.79	20.74	21.00	22	0
15	16QAM	36	39	21.06	20.79	20.95		
15	16QAM	75	0	20.76	20.76	20.78		
15	64QAM	1	0	20.71	20.91	20.90		
15	64QAM	1	37	20.72	20.88	20.69	22	0
15	64QAM	1	74	20.75	20.85	20.86		
15	64QAM	36	0	20.01	20.03	19.91		
15	64QAM	36	20	19.92	20.04	20.00	21	1
15	64QAM	36	39	19.87	19.99	19.87		
15	64QAM	75	0	19.74	19.97	20.09		
15	256QAM	1	0	18.33	18.20	17.97		
15	256QAM	1	37	17.96	18.26	18.33	19	3
15	256QAM	1	74	18.11	18.08	17.84		
15	256QAM	36	0	18.17	18.21	18.12		
15	256QAM	36	20	18.04	18.20	17.96	19	3
15	256QAM	36	39	18.28	18.13	18.06		
15	256QAM	75	0	18.03	18.19	17.93		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.93	21.07	20.91		
10	QPSK	1	25	20.75	20.84	20.94	22	0
10	QPSK	1	49	20.69	20.80	20.84		
10	QPSK	25	0	20.96	21.00	20.90		
10	QPSK	25	12	20.83	20.68	20.82	22	0
10	QPSK	25	25	20.88	20.88	20.88		
10	QPSK	50	0	20.90	21.01	20.78		
10	16QAM	1	0	20.97	20.87	20.83		
10	16QAM	1	25	20.79	20.77	20.85	22	0
10	16QAM	1	49	20.87	20.96	21.00		
10	16QAM	25	0	20.78	20.68	20.71		
10	16QAM	25	12	20.91	20.74	20.88	22	0
10	16QAM	25	25	21.01	20.82	20.83		
10	16QAM	50	0	20.78	20.80	20.82		
10	64QAM	1	0	20.74	20.97	20.75		
10	64QAM	1	25	20.68	20.97	20.81	22	0
10	64QAM	1	49	20.80	20.86	20.83		
10	64QAM	25	0	20.09	20.00	19.94		
10	64QAM	25	12	19.96	20.01	20.00	21	1
10	64QAM	25	25	19.90	20.01	19.91		
10	64QAM	50	0	19.74	19.96	20.11		
10	256QAM	1	0	18.32	18.30	17.97		
10	256QAM	1	25	18.02	18.21	18.07	19	3
10	256QAM	1	49	18.02	18.08	17.92		
10	256QAM	25	0	18.10	18.24	18.06		
10	256QAM	25	12	18.01	18.16	18.06	19	3
10	256QAM	25	25	18.23	18.15	17.94		
10	256QAM	50	0	18.02	18.18	17.87		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.94	21.00	20.94		
5	QPSK	1	12	20.69	20.92	20.93	22	0
5	QPSK	1	24	20.76	20.73	20.88		
5	QPSK	12	0	20.97	20.97	20.94		
5	QPSK	12	7	20.89	20.81	20.77	22	0
5	QPSK	12	13	20.82	20.84	21.00		
5	QPSK	25	0	20.77	20.85	20.76		
5	16QAM	1	0	20.83	20.75	20.79		
5	16QAM	1	12	20.76	20.96	20.75	22	0
5	16QAM	1	24	20.92	20.95	21.02		
5	16QAM	12	0	20.70	20.75	20.65		
5	16QAM	12	7	20.85	20.76	20.93	22	0
5	16QAM	12	13	21.05	20.87	20.92		
5	16QAM	25	0	20.79	20.76	20.89		
5	64QAM	1	0	20.88	20.93	20.83		
5	64QAM	1	12	20.66	20.92	20.84	22	0
5	64QAM	1	24	20.82	20.91	20.84		
5	64QAM	12	0	20.05	20.08	19.98		
5	64QAM	12	7	19.97	20.00	19.93	21	1
5	64QAM	12	13	19.82	20.02	19.90		
5	64QAM	25	0	19.76	19.99	20.03		
5	256QAM	1	0	18.25	18.31	17.90		
5	256QAM	1	12	18.01	18.21	18.08	19	3
5	256QAM	1	24	18.07	18.16	17.89		
5	256QAM	12	0	18.15	18.25	18.04		
5	256QAM	12	7	18.05	18.24	17.97	19	3
5	256QAM	12	13	18.21	18.22	17.97		
5	256QAM	25	0	18.04	18.22	17.93		
Channel				26040	26340	26715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.89	21.04	20.96		
3	QPSK	1	8	20.77	20.84	20.96	22	0
3	QPSK	1	14	20.77	20.69	20.80		
3	QPSK	8	0	21.03	20.93	20.94		
3	QPSK	8	4	20.99	20.70	20.76	22	0
3	QPSK	8	7	20.73	20.96	20.90		
3	QPSK	15	0	20.82	20.95	20.74		
3	16QAM	1	0	20.82	20.84	20.81		
3	16QAM	1	8	20.80	20.79	20.90	22	0
3	16QAM	1	14	20.79	20.97	20.92		
3	16QAM	8	0	20.72	20.71	20.73		
3	16QAM	8	4	20.85	20.83	21.05	22	0
3	16QAM	8	7	20.89	20.83	20.99		
3	16QAM	15	0	20.83	20.90	20.86		
3	64QAM	1	0	20.87	20.82	20.85		
3	64QAM	1	8	20.68	20.72	20.72	22	0
3	64QAM	1	14	20.78	20.95	20.89		
3	64QAM	8	0	20.01	20.09	19.98		
3	64QAM	8	4	19.92	19.94	20.02	21	1
3	64QAM	8	7	19.89	19.97	19.87		
3	64QAM	15	0	19.76	19.91	20.08		
3	256QAM	1	0	18.31	18.29	17.92		
3	256QAM	1	8	17.94	18.24	18.18	19	3
3	256QAM	1	14	18.11	18.08	17.88		
3	256QAM	8	0	18.19	18.20	18.08		
3	256QAM	8	4	18.07	18.26	18.03	19	3
3	256QAM	8	7	18.22	18.14	18.02		
3	256QAM	15	0	18.08	18.17	17.89		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.88	20.94	20.91		
1.4	QPSK	1	3	20.67	20.83	20.82	22	0
1.4	QPSK	1	5	20.70	20.65	20.84		
1.4	QPSK	3	0	20.99	20.99	20.81		
1.4	QPSK	3	1	20.87	20.84	20.84		
1.4	QPSK	3	3	20.75	20.79	20.93		
1.4	QPSK	6	0	20.85	20.86	20.71	22	0
1.4	16QAM	1	0	20.91	20.86	20.90		
1.4	16QAM	1	3	20.81	20.81	20.97		
1.4	16QAM	1	5	20.76	21.00	20.84	22	0
1.4	16QAM	3	0	20.74	20.79	20.81		
1.4	16QAM	3	1	20.78	20.80	20.99		
1.4	16QAM	3	3	21.04	20.77	20.92		
1.4	16QAM	6	0	20.82	20.91	20.88	22	0
1.4	64QAM	1	0	20.71	20.95	20.91		
1.4	64QAM	1	3	20.78	20.89	20.69		
1.4	64QAM	1	5	20.88	20.87	20.86	22	0
1.4	64QAM	3	0	20.70	20.83	20.85		
1.4	64QAM	3	1	21.06	20.69	20.83		
1.4	64QAM	3	3	20.82	20.90	20.85		
1.4	64QAM	6	0	20.09	20.15	19.90	21	1
1.4	256QAM	1	0	18.08	18.19	18.05		
1.4	256QAM	1	3	17.82	18.10	18.16		
1.4	256QAM	1	5	17.98	18.09	17.98	19	3
1.4	256QAM	3	0	18.30	18.28	18.26		
1.4	256QAM	3	1	17.98	18.27	18.16		
1.4	256QAM	3	3	18.11	18.30	18.02		
1.4	256QAM	6	0	18.05	18.11	17.84	19	3

Band 25 Ant 4 DSI6 sig path: 457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26500		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.06	21.12	20.93	22	0
20	QPSK	1	49	20.96	21.02	20.98		
20	QPSK	1	99	20.80	20.95	20.89		
20	QPSK	50	0	21.00	21.11	21.05		
20	QPSK	50	24	20.92	20.86	21.02	22	0
20	QPSK	50	50	20.91	20.90	20.89		
20	QPSK	100	0	20.94	21.04	20.84		
20	16QAM	1	0	21.10	20.93	20.98		
20	16QAM	1	49	20.93	20.96	20.90	22	0
20	16QAM	1	99	20.83	20.91	20.98		
20	16QAM	50	0	20.82	20.85	20.90		
20	16QAM	50	24	20.91	20.86	20.90	22	0
20	16QAM	50	50	20.98	20.89	20.83		
20	16QAM	100	0	21.01	20.87	21.03		
20	64QAM	1	0	20.92	21.03	20.82		
20	64QAM	1	49	20.88	21.00	20.98	22	0
20	64QAM	1	99	21.00	20.99	21.03		
20	64QAM	50	0	19.92	20.17	19.80		
20	64QAM	50	24	19.87	19.98	19.99	21	1
20	64QAM	50	50	19.87	20.05	19.86		
20	64QAM	100	0	19.72	19.97	19.97		
20	256QAM	1	0	18.25	18.18	17.89		
20	256QAM	1	49	17.92	18.15	18.13	19	3
20	256QAM	1	99	18.03	18.16	17.83		
20	256QAM	50	0	18.01	18.15	18.18		
20	256QAM	50	24	18.03	18.28	17.98	19	3
20	256QAM	50	50	18.30	18.14	17.94		
20	256QAM	100	0	17.86	18.11	17.86		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.95	21.02	20.74		
15	QPSK	1	37	20.81	20.88	20.64	22	0
15	QPSK	1	74	20.62	20.80	20.77		
15	QPSK	36	0	20.98	21.04	20.87		
15	QPSK	36	20	20.89	20.85	20.89	22	0
15	QPSK	36	39	20.91	20.82	20.85		
15	QPSK	75	0	20.79	21.02	20.86		
15	16QAM	1	0	20.92	20.88	20.88		
15	16QAM	1	37	20.87	20.79	20.83	22	0
15	16QAM	1	74	20.76	20.82	20.87		
15	16QAM	36	0	20.67	20.82	20.86		
15	16QAM	36	20	20.82	20.80	20.72	22	0
15	16QAM	36	39	20.96	20.82	20.65		
15	16QAM	75	0	20.92	20.77	20.98		
15	64QAM	1	0	20.87	20.84	20.82		
15	64QAM	1	37	20.88	20.80	20.92	22	0
15	64QAM	1	74	20.82	20.87	20.84		
15	64QAM	36	0	19.85	20.02	19.67		
15	64QAM	36	20	19.92	20.00	20.16	21	1
15	64QAM	36	39	19.75	20.00	19.72		
15	64QAM	75	0	19.63	19.92	19.89		
15	256QAM	1	0	18.20	18.12	17.75		
15	256QAM	1	37	17.81	18.08	18.01	19	3
15	256QAM	1	74	17.93	18.05	17.75		
15	256QAM	36	0	17.88	18.10	18.04		
15	256QAM	36	20	17.98	18.17	17.93	19	3
15	256QAM	36	39	18.24	18.02	17.84		
15	256QAM	75	0	17.76	18.07	17.74		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.00	20.88	20.88		
10	QPSK	1	25	20.80	20.94	20.79	22	0
10	QPSK	1	49	20.63	20.86	20.78		
10	QPSK	25	0	20.89	20.98	20.85		
10	QPSK	25	12	20.89	20.75	20.97	22	0
10	QPSK	25	25	20.77	20.74	20.72		
10	QPSK	50	0	20.78	20.97	20.87		
10	16QAM	1	0	20.94	20.73	20.91		
10	16QAM	1	25	20.79	20.92	20.78	22	0
10	16QAM	1	49	20.81	20.79	20.97		
10	16QAM	25	0	20.70	20.73	20.82		
10	16QAM	25	12	20.75	20.74	20.71	22	0
10	16QAM	25	25	20.87	20.79	20.70		
10	16QAM	50	0	20.96	20.82	20.86		
10	64QAM	1	0	20.84	21.02	20.74		
10	64QAM	1	25	20.77	20.90	20.80	22	0
10	64QAM	1	49	21.00	20.98	21.03		
10	64QAM	25	0	19.91	20.10	19.65		
10	64QAM	25	12	19.76	19.90	19.86	21	1
10	64QAM	25	25	19.80	19.93	19.76		
10	64QAM	50	0	19.65	19.87	19.83		
10	256QAM	1	0	18.12	18.07	17.83		
10	256QAM	1	25	17.80	17.99	18.08	19	3
10	256QAM	1	49	17.98	18.09	17.69		
10	256QAM	25	0	17.89	18.05	18.04		
10	256QAM	25	12	17.93	18.11	17.86	19	3
10	256QAM	25	25	18.22	18.08	17.88		
10	256QAM	50	0	17.76	17.96	17.80		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.96	20.96	20.88		
5	QPSK	1	12	20.78	20.92	20.86	22	0
5	QPSK	1	24	20.68	20.82	20.82		
5	QPSK	12	0	20.88	20.92	20.97		
5	QPSK	12	7	20.89	20.82	20.89	22	0
5	QPSK	12	13	20.84	20.80	20.73		
5	QPSK	25	0	20.84	20.86	20.82		
5	16QAM	1	0	20.98	20.90	20.89		
5	16QAM	1	12	20.74	20.79	20.89	22	0
5	16QAM	1	24	20.74	20.80	20.84		
5	16QAM	12	0	20.77	20.73	20.89		
5	16QAM	12	7	20.81	20.82	20.84	22	0
5	16QAM	12	13	20.87	20.81	20.65		
5	16QAM	25	0	20.96	20.75	20.99		
5	64QAM	1	0	20.90	20.88	20.67		
5	64QAM	1	12	20.82	20.92	20.89	22	0
5	64QAM	1	24	20.80	20.81	21.01		
5	64QAM	12	0	19.79	20.03	19.71		
5	64QAM	12	7	19.81	19.92	19.71	21	1
5	64QAM	12	13	19.76	19.92	19.71		
5	64QAM	25	0	19.67	19.93	19.91		
5	256QAM	1	0	18.16	18.13	17.75		
5	256QAM	1	12	17.85	18.09	18.06	19	3
5	256QAM	1	24	17.92	18.00	17.76		
5	256QAM	12	0	17.93	18.11	18.06		
5	256QAM	12	7	17.93	18.21	17.91	19	3
5	256QAM	12	13	18.16	18.10	17.90		
5	256QAM	25	0	17.75	18.05	17.72		
Channel				26040	26340	26690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.97	21.05	20.81		
3	QPSK	1	8	20.94	20.98	20.93	22	0
3	QPSK	1	14	20.72	20.91	20.69		
3	QPSK	8	0	20.88	21.00	20.87		
3	QPSK	8	4	20.82	20.76	20.93	22	0
3	QPSK	8	7	20.83	20.85	20.72		
3	QPSK	15	0	20.92	20.92	20.81		
3	16QAM	1	0	20.93	20.90	20.93		
3	16QAM	1	8	20.84	20.80	20.72	22	0
3	16QAM	1	14	20.65	20.73	20.91		
3	16QAM	8	0	20.76	20.72	20.74		
3	16QAM	8	4	20.81	20.66	20.71	22	0
3	16QAM	8	7	20.81	20.76	20.72		
3	16QAM	15	0	20.87	20.85	21.00		
3	64QAM	1	0	20.99	20.98	20.79		
3	64QAM	1	8	20.68	20.83	20.89	22	0
3	64QAM	1	14	20.85	20.94	20.97		
3	64QAM	8	0	19.82	20.07	19.75		
3	64QAM	8	4	19.79	19.92	19.87	21	1
3	64QAM	8	7	19.79	19.91	19.72		
3	64QAM	15	0	19.59	19.93	19.82		
3	256QAM	1	0	18.15	18.02	17.76		
3	256QAM	1	8	17.87	18.07	18.02	19	3
3	256QAM	1	14	18.11	18.04	17.68		
3	256QAM	8	0	17.96	18.04	18.06		
3	256QAM	8	4	17.89	18.20	17.90	19	3
3	256QAM	8	7	18.19	18.08	17.85		
3	256QAM	15	0	17.74	18.04	17.70		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.03	20.96	20.82		
1.4	QPSK	1	3	20.92	20.86	20.79	22	0
1.4	QPSK	1	5	20.80	20.75	20.71		
1.4	QPSK	3	0	20.81	21.05	20.94		
1.4	QPSK	3	1	20.88	20.79	20.90		
1.4	QPSK	3	3	20.91	20.81	20.71		
1.4	QPSK	6	0	20.79	20.85	20.70	22	0
1.4	16QAM	1	0	21.04	20.82	20.81		
1.4	16QAM	1	3	20.84	20.88	20.75		
1.4	16QAM	1	5	20.71	20.76	20.87	22	0
1.4	16QAM	3	0	20.64	20.75	20.74		
1.4	16QAM	3	1	20.81	20.78	20.85		
1.4	16QAM	3	3	20.98	20.87	20.66		
1.4	16QAM	6	0	21.00	20.73	20.84	22	0
1.4	64QAM	1	0	20.91	20.90	20.75		
1.4	64QAM	1	3	20.81	20.89	20.90		
1.4	64QAM	1	5	20.98	20.90	21.00	22	0
1.4	64QAM	3	0	20.85	20.88	20.94		
1.4	64QAM	3	1	20.87	20.74	20.92		
1.4	64QAM	3	3	20.72	20.94	20.97		
1.4	64QAM	6	0	19.98	20.05	19.85	21	1
1.4	256QAM	1	0	18.03	18.10	17.99		
1.4	256QAM	1	3	17.74	18.04	18.05		
1.4	256QAM	1	5	17.89	17.95	17.89	19	3
1.4	256QAM	3	0	18.25	18.14	18.17		
1.4	256QAM	3	1	17.82	18.17	18.04		
1.4	256QAM	3	3	18.02	18.21	17.87		
1.4	256QAM	6	0	17.95	17.97	17.73	19	3

Band 66 Ant 4 DSI6 sig path: 70

BW [MHz]	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	22.73	22.79	22.77	23.5	0
20	QPSK	1	49	22.59	22.66	22.67		
20	QPSK	1	99	22.43	22.54	22.58		
20	QPSK	50	0	22.12	22.31	21.95		
20	QPSK	50	24	22.24	22.17	22.04	23	0.5
20	QPSK	50	50	22.18	22.25	22.07		
20	QPSK	100	0	22.12	22.24	22.12		
20	16QAM	1	0	22.24	22.25	22.14		
20	16QAM	1	49	22.25	22.23	21.99	23	0.5
20	16QAM	1	99	22.24	22.14	22.08		
20	16QAM	50	0	21.27	21.20	21.02		
20	16QAM	50	24	21.12	21.37	21.14	22	1.5
20	16QAM	50	50	21.09	21.31	21.19		
20	16QAM	100	0	21.06

Reduced Power Mode for Other PA DSI6 ENDC

Band 2 Ant 0 DSI6 sig path：44

BW [MHz]	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	15.72	15.84	15.76	16.5	0
20	QPSK	1	49	15.45	15.60	15.56		
20	QPSK	1	99	15.41	15.69	15.66		
20	QPSK	50	0	15.78	15.91	15.72		
20	QPSK	50	24	15.44	15.72	15.63	16.5	0
20	QPSK	50	50	15.58	15.62	15.69		
20	QPSK	100	0	15.62	15.78	15.75		
20	16QAM	1	0	15.51	15.71	15.59		
20	16QAM	1	49	15.56	15.65	15.71	16.5	0
20	16QAM	1	99	15.62	15.69	15.72		
20	16QAM	50	0	15.50	15.68	15.69		
20	16QAM	50	24	15.49	15.70	15.67	16.5	0
20	16QAM	50	50	15.59	15.60	15.74		
20	16QAM	100	0	15.46	15.63	15.72		
20	64QAM	1	0	15.51	15.71	15.66		
20	64QAM	1	49	15.60	15.61	15.69	16.5	0
20	64QAM	1	99	15.41	15.70	15.61		
20	64QAM	50	0	15.48	15.64	15.68		
20	64QAM	50	24	15.53	15.75	15.53	16.5	0
20	64QAM	50	50	15.47	15.73	15.60		
20	64QAM	100	0	15.55	15.59	15.77		
20	256QAM	1	0	15.60	15.69	15.54		
20	256QAM	1	49	15.46	15.73	15.75	16.5	0
20	256QAM	1	99	15.46	15.77	15.61		
20	256QAM	50	0	15.55	15.59	15.61		
20	256QAM	50	24	15.39	15.73	15.66	16.5	0
20	256QAM	50	50	15.57	15.55	15.66		
20	256QAM	100	0	15.39	15.62	15.65		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.47	15.66	15.62	16.5	0
15	QPSK	1	37	15.53	15.73	15.66		
15	QPSK	1	74	15.60	15.56	15.66		
15	QPSK	36	0	15.48	15.65	15.61		
15	QPSK	36	20	15.60	15.68	15.74	16.5	0
15	QPSK	36	39	15.50	15.55	15.57		
15	QPSK	75	0	15.56	15.55	15.59		
15	16QAM	1	0	15.57	15.75	15.73		
15	16QAM	1	37	15.60	15.78	15.69	16.5	0
15	16QAM	1	74	15.60	15.56	15.61		
15	16QAM	36	0	15.42	15.67	15.61		
15	16QAM	36	20	15.44	15.77	15.62	16.5	0
15	16QAM	36	39	15.50	15.56	15.68		
15	16QAM	75	0	15.47	15.76	15.64		
15	64QAM	1	0	15.62	15.57	15.53		
15	64QAM	1	37	15.59	15.60	15.64	16.5	0
15	64QAM	1	74	15.40	15.77	15.71		
15	64QAM	36	0	15.59	15.75	15.74		
15	64QAM	36	20	15.43	15.67	15.60	16.5	0
15	64QAM	36	39	15.61	15.72	15.63		
15	64QAM	75	0	15.60	15.69	15.61		
15	256QAM	1	0	15.41	15.69	15.58		
15	256QAM	1	37	15.47	15.60	15.67	16.5	0
15	256QAM	1	74	15.42	15.76	15.60		
15	256QAM	36	0	15.46	15.64	15.78		
15	256QAM	36	20	15.42	15.71	15.55	16.5	0
15	256QAM	36	39	15.55	15.76	15.76		
15	256QAM	75	0	15.57	15.73	15.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.52	15.56	15.67	16.5	0
10	QPSK	1	25	15.56	15.69	15.63		
10	QPSK	1	49	15.47	15.68	15.55		
10	QPSK	25	0	15.46	15.66	15.62		
10	QPSK	25	12	15.61	15.74	15.67		
10	QPSK	25	25	15.41	15.75	15.77		
10	QPSK	50	0	15.40	15.67	15.69		
10	16QAM	1	0	15.62	15.77	15.64		
10	16QAM	1	25	15.55	15.65	15.74	16.5	0
10	16QAM	1	49	15.54	15.55	15.61		
10	16QAM	25	0	15.62	15.65	15.70		
10	16QAM	25	12	15.44	15.75	15.75		
10	16QAM	25	25	15.39	15.68	15.54		
10	16QAM	50	0	15.44	15.59	15.56		
10	64QAM	1	0	15.54	15.74	15.57		
10	64QAM	1	25	15.63	15.61	15.68	16.5	0
10	64QAM	1	49	15.55	15.71	15.54		
10	64QAM	25	0	15.60	15.69	15.57		
10	64QAM	25	12	15.49	15.74	15.75	16.5	0
10	64QAM	25	25	15.60	15.63	15.76		
10	64QAM	50	0	15.57	15.65	15.69		
10	256QAM	1	0	15.56	15.54	15.77		
10	256QAM	1	25	15.42	15.75	15.69	16.5	0
10	256QAM	1	49	15.50	15.75	15.60		
10	256QAM	25	0	15.39	15.55	15.63		
10	256QAM	25	12	15.51	15.68	15.76	16.5	0
10	256QAM	25	25	15.48	15.68	15.70		
10	256QAM	50	0	15.42	15.68	15.68		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.56	15.63	15.62	16.5	0
5	QPSK	1	12	15.54	15.75	15.68		
5	QPSK	1	24	15.47	15.62	15.72		
5	QPSK	12	0	15.55	15.63	15.67		
5	QPSK	12	7	15.43	15.77	15.70	16.5	0
5	QPSK	12	13	15.61	15.60	15.73		
5	QPSK	25	0	15.63	15.75	15.75		
5	16QAM	1	0	15.60	15.66	15.65		
5	16QAM	1	12	15.45	15.74	15.58	16.5	0
5	16QAM	1	24	15.51	15.59	15.56		
5	16QAM	12	0	15.60	15.56	15.63		
5	16QAM	12	7	15.47	15.77	15.57	16.5	0
5	16QAM	12	13	15.55	15.59	15.63		
5	16QAM	25	0	15.42	15.56	15.72		
5	64QAM	1	0	15.41	15.61	15.72		
5	64QAM	1	12	15.52	15.63	15.56	16.5	0
5	64QAM	1	24	15.54	15.74	15.55		
5	64QAM	12	0	15.56	15.77	15.68		
5	64QAM	12	7	15.47	15.77	15.69	16.5	0
5	64QAM	12	13	15.42	15.71	15.74		
5	64QAM	25	0	15.63	15.75	15.74		
5	256QAM	1	0	15.55	15.62	15.76		
5	256QAM	1	12	15.44	15.68	15.73	16.5	0
5	256QAM	1	24	15.63	15.61	15.54		
5	256QAM	12	0	15.48	15.66	15.77		
5	256QAM	12	7	15.44	15.62	15.75	16.5	0
5	256QAM	12	13	15.50	15.63	15.68		
5	256QAM	25	0	15.40	15.66	15.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.56	15.55	15.58	16.5	0
3	QPSK	1	8	15.62	15.77	15.68		
3	QPSK	1	14	15.61	15.70	15.77		
3	QPSK	8	0	15.53	15.68	15.73	16.5	0
3	QPSK	8	4	15.57	15.71	15.74		
3	QPSK	8	7	15.50	15.60	15.59		
3	QPSK	15	0	15.48	15.58	15.55		
3	16QAM	1	0	15.39	15.64	15.61	16.5	0
3	16QAM	1	8	15.51	15.71	15.56		
3	16QAM	1	14	15.53	15.76	15.62		
3	16QAM	8	0	15.48	15.70	15.67		
3	16QAM	8	4	15.60	15.59	15.63	16.5	0
3	16QAM	8	7	15.60	15.56	15.75		
3	16QAM	15	0	15.53	15.77	15.63		
3	64QAM	1	0	15.52	15.73	15.67	16.5	0
3	64QAM	1	8	15.62	15.63	15.74		
3	64QAM	1	14	15.60	15.66	15.55		
3	64QAM	8	0	15.58	15.62	15.58	16.5	0
3	64QAM	8	4	15.53	15.76	15.56		
3	64QAM	8	7	15.60	15.63	15.77		
3	64QAM	15	0	15.62	15.56	15.59		
3	256QAM	1	0	15.51	15.59	15.61	16.5	0
3	256QAM	1	8	15.52	15.63	15.70		
3	256QAM	1	14	15.58	15.66	15.54		
3	256QAM	8	0	15.53	15.68	15.70	16.5	0
3	256QAM	8	4	15.52	15.77	15.66		
3	256QAM	8	7	15.60	15.56	15.75		
3	256QAM	15	0	15.63	15.70	15.70		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.61	15.72	15.74	16.5	0
1.4	QPSK	1	3	15.60	15.72	15.63		
1.4	QPSK	1	5	15.60	15.62	15.56		
1.4	QPSK	3	0	15.51	15.78	15.75		
1.4	QPSK	3	1	15.62	15.58	15.74		
1.4	QPSK	3	3	15.56	15.70	15.57		
1.4	QPSK	6	0	15.40	15.73	15.75	16.5	0
1.4	16QAM	1	0	15.63	15.69	15.68	16.5	0
1.4	16QAM	1	3	15.56	15.58	15.70		
1.4	16QAM	1	5	15.44	15.62	15.66		
1.4	16QAM	3	0	15.42	15.62	15.67		
1.4	16QAM	3	1	15.52	15.69	15.76		
1.4	16QAM	3	3	15.61	15.72	15.57		
1.4	16QAM	6	0	15.43	15.56	15.74	16.5	0
1.4	64QAM	1	0	15.48	15.78	15.65	16.5	0
1.4	64QAM	1	3	15.51	15.75	15.62		
1.4	64QAM	1	5	15.61	15.67	15.67		
1.4	64QAM	3	0	15.51	15.63	15.69		
1.4	64QAM	3	1	15.51	15.68	15.67		
1.4	64QAM	3	3	15.40	15.75	15.70		
1.4	64QAM	6	0	15.50	15.72	15.61	16.5	0
1.4	256QAM	1	0	15.41	15.56	15.58	16.5	0
1.4	256QAM	1	3	15.58	15.59	15.58		
1.4	256QAM	1	5	15.46	15.55	15.57		
1.4	256QAM	3	0	15.55	15.61	15.69		
1.4	256QAM	3	1	15.63	15.76	15.71		
1.4	256QAM	3	3	15.45	15.63	15.76		
1.4	256QAM	6	0	15.41	15.68	15.65	16.5	0

Band 2 Ant 0 DSI6 sig path：456

BW [MHz]	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	15.62	15.71	15.67	16.5	0
20	QPSK	1	49	15.41	15.62	15.51		
20	QPSK	1	99	15.42	15.69	15.44		
20	QPSK	50	0	15.58	15.68	15.62		
20	QPSK	50	24	15.34	15.53	15.46	16.5	0
20	QPSK	50	50	15.36	15.59	15.38		
20	QPSK	100	0	15.56	15.58	15.46		
20	16QAM	1	0	15.49	15.53	15.60		
20	16QAM	1	49	15.38	15.54	15.54	16.5	0
20	16QAM	1	99	15.38	15.66	15.47		
20	16QAM	50	0	15.47	15.68	15.51		
20	16QAM	50	24	15.50	15.62	15.57	16.5	0
20	16QAM	50	50	15.52	15.52	15.43		
20	16QAM	100	0	15.55	15.64	15.54		
20	64QAM	1	0	15.55	15.63	15.49		
20	64QAM	1	49	15.40	15.50	15.53	16.5	0
20	64QAM	1	99	15.50	15.56	15.39		
20	64QAM	50	0	15.48	15.61	15.52		
20	64QAM	50	24	15.51	15.56	15.45	16.5	0
20	64QAM	50	50	15.39	15.65	15.53		
20	64QAM	100	0	15.39	15.62	15.52		
20	256QAM	1	0	15.43	15.66	15.56		
20	256QAM	1	49	15.47	15.58	15.56	16.5	0
20	256QAM	1	99	15.52	15.68	15.48		
20	256QAM	50	0	15.42	15.64	15.61		
20	256QAM	50	24	15.55	15.48	15.44	16.5	0
20	256QAM	50	50	15.52	15.63	15.58		
20	256QAM	100	0	15.45	15.48	15.45		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.42	15.66	15.53	16.5	0
15	QPSK	1	37	15.34	15.62	15.43		
15	QPSK	1	74	15.45	15.51	15.34		
15	QPSK	36	0	15.42	15.51	15.50		
15	QPSK	36	20	15.60	15.62	15.55	16.5	0
15	QPSK	36	39	15.50	15.51	15.38		
15	QPSK	75	0	15.41	15.50	15.43		
15	16QAM	1	0	15.52	15.46	15.53		
15	16QAM	1	37	15.50	15.36	15.36	16.5	0
15	16QAM	1	74	15.47	15.52	15.49		
15	16QAM	36	0	15.43	15.47	15.49		
15	16QAM	36	20	15.55	15.64	15.38	16.5	0
15	16QAM	36	39	15.38	15.45	15.47		
15	16QAM	75	0	15.36	15.48	15.36		
15	64QAM	1	0	15.49	15.45	15.40		
15	64QAM	1	37	15.42	15.57	15.54	16.5	0
15	64QAM	1	74	15.38	15.46	15.57		
15	64QAM	36	0	15.53	15.58	15.43		
15	64QAM	36	20	15.37	15.66	15.38	16.5	0
15	64QAM	36	39	15.35	15.46	15.38		
15	64QAM	75	0	15.51	15.56	15.54		
15	256QAM	1	0	15.46	15.52	15.38		
15	256QAM	1	37	15.39	15.66	15.42	16.5	0
15	256QAM	1	74	15.35	15.68	15.61		
15	256QAM	36	0	15.41	15.44	15.73		
15	256QAM	36	20	15.37	15.49	15.38	16.5	0
15	256QAM	36	39	15.52	15.58	15.54		
15	256QAM	75	0	15.34	15.67	15.45		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.34	15.55	15.51	16.5	0
10	QPSK	1	25	15.50	15.66	15.43		
10	QPSK	1	49	15.35	15.52	15.41		
10	QPSK	25	0	15.39	15.63	15.43		
10	QPSK	25	12	15.48	15.49	15.50		
10	QPSK	25	25	15.52	15.49	15.41		
10	QPSK	50	0	15.54	15.64	15.49		
10	16QAM	1	0	15.36	15.63	15.41		
10	16QAM	1	25	15.40	15.46	15.46	16.5	0
10	16QAM	1	49	15.53	15.57	15.48		
10	16QAM	25	0	15.39	15.59	15.40		
10	16QAM	25	12	15.51	15.48	15.38		
10	16QAM	25	25	15.34	15.48	15.54	16.5	0
10	16QAM	50	0	15.34	15.56	15.52		
10	64QAM	1	0	15.43	15.56	15.43		
10	64QAM	1	25	15.49	15.53	15.46	16.5	0
10	64QAM	1	49	15.47	15.66	15.51		
10	64QAM	25	0	15.40	15.45	15.51		
10	64QAM	25	12	15.34	15.63	15.46	16.5	0
10	64QAM	25	25	15.40	15.66	15.57		
10	64QAM	50	0	15.52	15.66	15.55		
10	256QAM	1	0	15.45	15.56	15.42		
10	256QAM	1	25	15.48	15.45	15.54	16.5	0
10	256QAM	1	49	15.37	15.43	15.46		
10	256QAM	25	0	15.46	15.49	15.53		
10	256QAM	25	12	15.50	15.61	15.35	16.5	0
10	256QAM	25	25	15.39	15.50	15.39		
10	256QAM	50	0	15.34	15.56	15.44		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.53	15.59	15.43	16.5	0
5	QPSK	1	12	15.40	15.54	15.52		
5	QPSK	1	24	15.47	15.66	15.55		
5	QPSK	12	0	15.44	15.67	15.48		
5	QPSK	12	7	15.40	15.54	15.50	16.5	0
5	QPSK	12	13	15.52	15.67	15.44		
5	QPSK	25	0	15.51	15.53	15.52		
5	16QAM	1	0	15.42	15.49	15.49		
5	16QAM	1	12	15.34	15.61	15.47	16.5	0
5	16QAM	1	24	15.41	15.54	15.37		
5	16QAM	12	0	15.39	15.54	15.44		
5	16QAM	12	7	15.34	15.62	15.37	16.5	0
5	16QAM	12	13	15.44	15.54	15.50		
5	16QAM	25	0	15.50	15.67	15.39		
5	64QAM	1	0	15.50	15.61	15.35		
5	64QAM	1	12	15.49	15.54	15.41	16.5	0
5	64QAM	1	24	15.39	15.52	15.38		
5	64QAM	12	0	15.49	15.53	15.55		
5	64QAM	12	7	15.31	15.54	15.41	16.5	0
5	64QAM	12	13	15.48	15.55	15.42		
5	64QAM	25	0	15.31	15.54	15.44		
5	256QAM	1	0	15.47	15.52	15.34	16.5	0
5	256QAM	1	12	15.52	15.53	15.53		
5	256QAM	1	24	15.39	15.62	15.50		
5	256QAM	12	0	15.47	15.64	15.47		
5	256QAM	12	7	15.53	15.45	15.39	16.5	0
5	256QAM	12	13	15.50	15.65	15.54		
5	256QAM	25	0	15.33	15.52	15.47		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.47	15.46	15.43	16.5	0
3	QPSK	1	8	15.54	15.62	15.43		
3	QPSK	1	14	15.32	15.50	15.35		
3	QPSK	8	0	15.46	15.64	15.41	16.5	0
3	QPSK	8	4	15.33	15.51	15.42		
3	QPSK	8	7	15.33	15.40	15.39		
3	QPSK	15	0	15.40	15.63	15.38		
3	16QAM	1	0	15.48	15.48	15.42	16.5	0
3	16QAM	1	8	15.45	15.48	15.39		
3	16QAM	1	14	15.40	15.50	15.40		
3	16QAM	8	0	15.47	15.68	15.35		
3	16QAM	8	4	15.41	15.58	15.44	16.5	0
3	16QAM	8	7	15.45	15.48	15.45		
3	16QAM	15	0	15.48	15.53	15.51		
3	64QAM	1	0	15.40	15.46	15.46	16.5	0
3	64QAM	1	8	15.45	15.62	15.35		
3	64QAM	1	14	15.37	15.52	15.34		
3	64QAM	8	0	15.42	15.50	15.40	16.5	0
3	64QAM	8	4	15.55	15.46	15.39		
3	64QAM	8	7	15.49	15.60	15.55		
3	64QAM	15	0	15.31	15.58	15.54		
3	256QAM	1	0	15.44	15.54	15.51	16.5	0
3	256QAM	1	8	15.34	15.44	15.44		
3	256QAM	1	14	15.44	15.46	15.53		
3	256QAM	8	0	15.33	15.54	15.43	16.5	0
3	256QAM	8	4	15.45	15.62	15.40		
3	256QAM	8	7	15.49	15.45	15.46		
3	256QAM	15	0	15.38	15.48	15.41		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.32	15.53	15.40	16.5	0
1.4	QPSK	1	3	15.43	15.46	15.36		
1.4	QPSK	1	5	15.39	15.46	15.47		
1.4	QPSK	3	0	15.43	15.49	15.39		
1.4	QPSK	3	1	15.49	15.66	15.42		
1.4	QPSK	3	3	15.54	15.67	15.52		
1.4	QPSK	6	0	15.37	15.53	15.44	16.5	0
1.4	16QAM	1	0	15.45	15.48	15.50	16.5	0
1.4	16QAM	1	3	15.44	15.46	15.40		
1.4	16QAM	1	5	15.47	15.58	15.51		
1.4	16QAM	3	0	15.44	15.60	15.51		
1.4	16QAM	3	1	15.33	15.44	15.46		
1.4	16QAM	3	3	15.43	15.50	15.37		
1.4	16QAM	6	0	15.37	15.46	15.39	16.5	0
1.4	64QAM	1	0	15.39	15.46	15.35	16.5	0
1.4	64QAM	1	3	15.31	15.46	15.44		
1.4	64QAM	1	5	15.43	15.60	15.40		
1.4	64QAM	3	0	15.43	15.63	15.35		
1.4	64QAM	3	1	15.49	15.57	15.53		
1.4	64QAM	3	3	15.54	15.66	15.39		
1.4	64QAM	6	0	15.44	15.52	15.47	16.5	0
1.4	256QAM	1	0	15.43	15.46	15.55	16.5	0
1.4	256QAM	1	3	15.49	15.51	15.53		
1.4	256QAM	1	5	15.42	15.65	15.42		
1.4	256QAM	3	0	15.44	15.44	15.35		
1.4	256QAM	3	1	15.38	15.63	15.53		
1.4	256QAM	3	3	15.44	15.63	15.35		
1.4	256QAM	6	0	15.49	15.62	15.35	16.5	0

Band 4 Ant 0 DSI6 sig path：69

BW [MHz]	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	17.66	17.75	17.71	18.5	0
20	QPSK	1	49	17.62	17.53	17.59		
20	QPSK	1	99	17.57	17.63	17.46		
20	QPSK	50	0	17.68	17.71	17.63		
20	QPSK	50	24	17.47	17.57	17.47	18.5	0
20	QPSK	50	50	17.49	17.67	17.40		
20	QPSK	100	0	17.58	17.60	17.52		
20	16QAM	1	0	17.43	17.60	17.59		
20	16QAM	1	49	17.58	17.57	17.44	18.5	0

Band 25 Ant 0 DSI6 sig path：45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.61	18.70	18.68		
20	QPSK	1	49	18.63	18.50	18.62	19.5	0
20	QPSK	1	99	18.53	18.61	18.58		
20	QPSK	50	0	18.60	18.64	18.51		
20	QPSK	50	24	18.48	18.55	18.60	19.5	0
20	QPSK	50	50	18.42	18.50	18.58		
20	QPSK	100	0	18.47	18.58	18.52		
20	16QAM	1	0	18.67	18.58	18.54		
20	16QAM	1	49	18.59	18.70	18.61	19.5	0
20	16QAM	1	99	18.42	18.62	18.61		
20	16QAM	50	0	18.41	18.41	18.55		
20	16QAM	50	24	18.56	18.43	18.55	19.5	0
20	16QAM	50	50	18.66	18.62	18.52		
20	16QAM	100	0	18.48	18.52	18.48		
20	64QAM	1	0	18.60	18.55	18.59		
20	64QAM	1	49	18.58	18.59	18.63	19.5	0
20	64QAM	1	99	18.51	18.60	18.54		
20	64QAM	50	0	18.63	18.57	18.55		
20	64QAM	50	24	18.49	18.58	18.60	19.5	0
20	64QAM	50	50	18.45	18.49	18.59		
20	64QAM	100	0	18.58	18.58	18.53		
20	256QAM	1	0	16.80	16.74	16.41		
20	256QAM	1	49	16.60	16.73	16.54	17.5	2
20	256QAM	1	99	16.61	16.74	16.37		
20	256QAM	50	0	16.79	16.80	16.68		
20	256QAM	50	24	16.59	16.61	16.31	17.5	2
20	256QAM	50	50	16.70	16.75	16.47		
20	256QAM	100	0	16.59	16.75	16.34		
Channel				26715	26340	25915	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.49	18.67	18.51		
15	QPSK	1	37	18.56	18.50	18.59	19.5	0
15	QPSK	1	74	18.33	18.54	18.39		
15	QPSK	36	0	18.51	18.50	18.45		
15	QPSK	36	20	18.42	18.52	18.50	19.5	0
15	QPSK	36	39	18.28	18.47	18.50		
15	QPSK	75	0	18.29	18.41	18.42		
15	16QAM	1	0	18.53	18.42	18.43		
15	16QAM	1	37	18.44	18.61	18.59	19.5	0
15	16QAM	1	74	18.29	18.60	18.43		
15	16QAM	36	0	18.25	18.33	18.54		
15	16QAM	36	20	18.58	18.33	18.48	19.5	0
15	16QAM	36	39	18.62	18.56	18.48		
15	16QAM	75	0	18.44	18.39	18.46		
15	64QAM	1	0	18.44	18.42	18.58		
15	64QAM	1	37	18.55	18.54	18.60	19.5	0
15	64QAM	1	74	18.46	18.52	18.51		
15	64QAM	36	0	18.56	18.44	18.51		
15	64QAM	36	20	18.40	18.45	18.47	19.5	0
15	64QAM	36	39	18.32	18.33	18.53		
15	64QAM	75	0	18.41	18.55	18.50		
15	256QAM	1	0	16.73	16.67	16.33		
15	256QAM	1	37	16.46	16.64	16.45	17.5	2
15	256QAM	1	74	16.48	16.64	16.32		
15	256QAM	36	0	16.58	16.82	16.59		
15	256QAM	36	20	16.43	16.68	16.24	17.5	2
15	256QAM	36	39	16.57	16.68	16.42		
15	256QAM	75	0	16.47	16.66	16.19		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.59	18.59	18.51		
10	QPSK	1	25	18.49	18.31	18.59	19.5	0
10	QPSK	1	49	18.35	18.57	18.39		
10	QPSK	25	0	18.58	18.59	18.47		
10	QPSK	25	12	18.47	18.39	18.52	19.5	0
10	QPSK	25	25	18.33	18.34	18.39		
10	QPSK	50	0	18.41	18.56	18.35		
10	16QAM	1	0	18.41	18.41	18.47		
10	16QAM	1	25	18.47	18.44	18.58	19.5	0
10	16QAM	1	49	18.31	18.44	18.47		
10	16QAM	25	0	18.33	18.27	18.40		
10	16QAM	25	12	18.50	18.41	18.49	19.5	0
10	16QAM	25	25	18.50	18.45	18.48		
10	16QAM	50	0	18.38	18.35	18.45		
10	64QAM	1	0	18.58	18.53	18.40		
10	64QAM	1	25	18.50	18.54	18.54	19.5	0
10	64QAM	1	49	18.31	18.40	18.48		
10	64QAM	25	0	18.61	18.42	18.53		
10	64QAM	25	12	18.32	18.56	18.46	19.5	0
10	64QAM	25	25	18.40	18.45	18.54		
10	64QAM	50	0	18.45	18.54	18.34		
10	256QAM	1	0	16.69	16.68	16.32		
10	256QAM	1	25	16.47	16.58	16.42	17.5	2
10	256QAM	1	49	16.51	16.64	16.29		
10	256QAM	25	0	16.72	16.66	16.63		
10	256QAM	25	12	16.44	16.75	16.28	17.5	2
10	256QAM	25	25	16.54	16.63	16.43		
10	256QAM	50	0	16.47	16.66	16.26		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.43	18.62	18.52		
5	QPSK	1	12	18.49	18.39	18.61	19.5	0
5	QPSK	1	24	18.51	18.46	18.50		
5	QPSK	12	0	18.49	18.55	18.46		
5	QPSK	12	7	18.47	18.35	18.58	19.5	0
5	QPSK	12	13	18.29	18.45	18.45		
5	QPSK	25	0	18.32	18.47	18.50		
5	16QAM	1	0	18.49	18.55	18.38		
5	16QAM	1	12	18.44	18.41	18.53	19.5	0
5	16QAM	1	24	18.28	18.47	18.48		
5	16QAM	12	0	18.21	18.40	18.52		
5	16QAM	12	7	18.51	18.35	18.48	19.5	0
5	16QAM	12	13	18.47	18.56	18.39		
5	16QAM	25	0	18.36	18.37	18.41		
5	64QAM	1	0	18.51	18.51	18.51		
5	64QAM	1	12	18.53	18.55	18.52	19.5	0
5	64QAM	1	24	18.37	18.50	18.44		
5	64QAM	12	0	18.44	18.44	18.42		
5	64QAM	12	7	18.42	18.42	18.42	19.5	0
5	64QAM	12	13	18.26	18.38	18.46		
5	64QAM	25	0	18.40	18.56	18.47		
5	256QAM	1	0	16.64	16.77	16.31		
5	256QAM	1	12	16.49	16.43	16.43	17.5	2
5	256QAM	1	24	16.49	16.60	16.33		
5	256QAM	12	0	16.68	16.66	16.56		
5	256QAM	12	7	16.45	16.71	16.24	17.5	2
5	256QAM	12	13	16.55	16.63	16.41		
5	256QAM	25	0	16.45	16.64	16.30		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.55	18.60	18.54		
3	QPSK	1	8	18.46	18.50	18.49	19.5	0
3	QPSK	1	14	18.34	18.52	18.54		
3	QPSK	8	0	18.49	18.55	18.39		
3	QPSK	8	4	18.36	18.44	18.46	19.5	0
3	QPSK	8	7	18.37	18.43	18.43		
3	QPSK	15	0	18.37	18.38	18.52		
3	16QAM	1	0	18.57	18.41	18.36		
3	16QAM	1	8	18.58	18.43	18.56	19.5	0
3	16QAM	1	14	18.38	18.53	18.50		
3	16QAM	8	0	18.25	18.40	18.46		
3	16QAM	8	4	18.52	18.27	18.41	19.5	0
3	16QAM	8	7	18.58	18.56	18.50		
3	16QAM	15	0	18.38	18.49	18.33		
3	64QAM	1	0	18.41	18.43	18.43		
3	64QAM	1	8	18.50	18.48	18.44	19.5	0
3	64QAM	1	14	18.38	18.50	18.41		
3	64QAM	8	0	18.51	18.44	18.38		
3	64QAM	8	4	18.39	18.41	18.50	19.5	0
3	64QAM	8	7	18.32	18.47	18.43		
3	64QAM	15	0	18.41	18.47	18.52		
3	256QAM	1	0	16.71	16.77	16.36		
3	256QAM	1	8	16.44	16.66	16.55	17.5	2
3	256QAM	1	14	16.46	16.68	16.35		
3	256QAM	8	0	16.74	16.65	16.63		
3	256QAM	8	4	16.48	16.70	16.28	17.5	2
3	256QAM	8	7	16.64	16.66	16.50		
3	256QAM	15	0	16.51	16.67	16.24		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.49	18.59	18.50		
1.4	QPSK	1	3	18.52	18.32	18.51		
1.4	QPSK	1	5	18.43	18.52	18.49	19.5	0
1.4	QPSK	3	0	18.47	18.50	18.37		
1.4	QPSK	3	1	18.31	18.44	18.55		
1.4	QPSK	3	3	18.32	18.35	18.48		
1.4	QPSK	6	0	18.38	18.55	18.38	19.5	0
1.4	16QAM	1	0	18.66	18.54	18.53		
1.4	16QAM	1	3	18.46	18.45	18.50		
1.4	16QAM	1	5	18.36	18.60	18.46	19.5	0
1.4	16QAM	3	0	18.22	18.24	18.51		
1.4	16QAM	3	1	18.37	18.25	18.45		
1.4	16QAM	3	3	18.64	18.50	18.34		
1.4	16QAM	6	0	18.42	18.39	18.36	19.5	0
1.4	64QAM	1	0	18.48	18.43	18.41		
1.4	64QAM	1	3	18.42	18.56	18.63		
1.4	64QAM	1	5	18.44	18.49	18.38	19.5	0
1.4	64QAM	3	0	18.39	18.52	18.39		
1.4	64QAM	3	1	18.37	18.56	18.57		
1.4	64QAM	3	3	18.35	18.48	18.41		
1.4	64QAM	6	0	18.45	18.39	18.39	19.5	0
1.4	256QAM	1	0	16.68	16.76	16.36		
1.4	256QAM	1	3	16.49	16.64	16.54		
1.4	256QAM	1	5	16.49	16.65	16.35	17.5	2
1.4	256QAM	3	0	16.70	16.65	16.64		
1.4	256QAM	3	1	16.44	16.74	16.28		
1.4	256QAM	3	3	16.55	16.62	16.50		
1.4	256QAM	6	0	16.48	16.65	16.28	17.5	2

Band 25 Ant 0 DSI6 sig path：457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.59	18.74	18.61		
20	QPSK	1	49	18.52	18.59	18.62	19.5	0
20	QPSK	1	99	18.38	18.51	18.45		
20	QPSK	50	0	18.67	18.70	18.56		
20	QPSK	50	24	18.42	18.52	18.61	19.5	0
20	QPSK	50	50	18.57	18.49	18.60		
20	QPSK	100	0	18.48	18.65	18.61		
20	16QAM	1	0	18.68	18.50	18.64		
20	16QAM	1	49	18.58	18.56	18.56	19.5	0
20	16QAM	1	99	18.57	18.64	18.61		
20	16QAM	50	0	18.52	18.44	18.54		
20	16QAM	50	24	18.54	18.58	18.49	19.5	0
20	16QAM	50	50	18.57	18.51	18.55		
20	16QAM	100	0	18.58	18.60	18.57		
20	64QAM	1	0	18.62	18.58	18.41		
20	64QAM	1	49	18.59	18.52	18.61	19.5	0
20	64QAM	1	99	18.57	18.57	18.54		
20	64QAM	50	0	18.60	18.54	18.54		
20	64QAM	50	24	18.63	18.56	18.56	19.5	0
20	64QAM	50	50	18.60	18.54	18.54		
20	64QAM	100	0	18.47	18.58	18.52		
20	256QAM	1	0	16.87	16.76	16.49		
20	256QAM	1	49	16.65	16.72	16.61	17.5	2
20	256QAM	1	99	16.71	16.82	16.37		
20	256QAM	50	0	16.85	16.89	16.70		
20	256QAM	50	24	16.69	16.86	16.40	17.5	2
20	256QAM	50	50	16.73	16.81	16.48		
20	256QAM	100	0	16.64	16.81	16.43		
Channel				26715	26340	25915	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.52	18.64	18.52		
15	QPSK	1	37	18.43	18.40	18.56	19.5	0
15	QPSK	1	74	18.19	18.37	18.35		
15	QPSK	36	0	18.48	18.54	18.37		
15	QPSK	36	20	18.32	18.38	18.43	19.5	0
15	QPSK	36	39	18.53	18.37	18.51		
15	QPSK	75	0	18.33	18.59	18.59		
15	16QAM	1	0	18.54	18.31	18.48		
15	16QAM	1	37	18.63	18.52	18.52	19.5	0
15	16QAM	1	74	18.52	18.46	18.43		
15	16QAM	36	0	18.40	18.34	18.34		
15	16QAM	36	20	18.39	18.41	18.44	19.5	0
15	16QAM	36	39	18.45	18.46	18.48		
15	16QAM	75	0	18.51	18.51	18.50		
15	64QAM	1	0	18.50	18.50	18.32		
15	64QAM	1	37	18.47	18.42	18.49	19.5	0
15	64QAM	1	74	18.50	18.42	18.42		
15	64QAM	36	0	18.44	18.42	18.42		
15	64QAM	36	20	18.51	18.51	18.37	19.5	0
15	64QAM	36	39	18.51	18.37	18.43		
15	64QAM	75	0	18.34	18.40	18.33		
15	256QAM	1	0	16.72	16.73	16.44		
15	256QAM	1	37	16.55	16.67	16.46	17.5	2
15	256QAM	1	74	16.63	16.76	16.30		
15	256QAM	36	0	16.58	16.76	16.54		
15	256QAM	36	20	16.59	16.70	16.31	17.5	2
15	256QAM	36	39	16.61	16.71	16.41		
15	256QAM	75	0	16.51	16.76	16.28		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.50	18.62	18.52		
10	QPSK	1	25	18.42	18.55	18.47	19.5	0
10	QPSK	1	49	18.21	18.46	18.39		
10	QPSK	25	0	18.59	18.57	18.44		
10	QPSK	25	12	18.39	18.35	18.50	19.5	0
10	QPSK	25	25	18.48	18.36	18.56		
10	QPSK	50	0	18.43	18.57	18.48		
10	16QAM	1	0	18.33	18.33	18.59		
10	16QAM	1	25	18.52	18.38	18.53	19.5	0
10	16QAM	1	49	18.43	18.52	18.51		
10	16QAM	25	0	18.48	18.31	18.36		
10	16QAM	25	12	18.50	18.49	18.43	19.5	0
10	16QAM	25	25	18.41	18.50	18.36		
10	16QAM	50	0	18.57	18.45	18.55		
10	64QAM	1	0	18.42	18.48	18.29		
10	64QAM	1	25	18.50	18.38	18.46	19.5	0
10	64QAM	1	49	18.43	18.39	18.50		
10	64QAM	25	0	18.44	18.39	18.49		
10	64QAM	25	12	18.56	18.42	18.52	19.5	0
10	64QAM	25	25	18.53	18.50	18.38		
10	64QAM	50	0	18.35	18.44	18.37		
10	256QAM	1	0	16.80	16.76	16.54		
10	256QAM	1	25	16.53	16.64	16.65	17.5	2
10	256QAM	1	49	16.64	16.74	16.32		
10	256QAM	25	0	16.74	16.74	16.59		
10	256QAM	25	12	16.55	16.75	16.28	17.5	2
10	256QAM	25	25	16.64	16.76	16.41		
10	256QAM	50	0	16.48	16.72	16.31		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.42	18.66	18.55		
5	QPSK	1	12	18.34	18.40	18.45	19.5	0
5	QPSK	1	24	18.27	18.41	18.27		
5	QPSK	12	0	18.47	18.61	18.38		
5	QPSK	12	7	18.37	18.33	18.60	19.5	0
5	QPSK	12	13	18.39	18.47	18.44		
5	QPSK	25	0	18.43	18.52	18.51		
5	16QAM	1	0	18.65	18.40	18.59		
5	16QAM	1	12	18.54	18.44	18.44	19.5	0
5	16QAM	1	24	18.43	18.62	18.45		
5	16QAM	12	0	18.37	18.28	18.53		
5	16QAM	12	7	18.35	18.54	18.32	19.5	0
5	16QAM	12	13	18.52	18.42	18.54		
5	16QAM	25	0	18.46	18.53	18.47		
5	64QAM	1	0	18.57	18.34	18.46		
5	64QAM	1	12	18.40	18.39	18.59	19.5	0
5	64QAM	1	24	18.44	18.50	18.35		
5	64QAM	12	0	18.37	18.29	18.57		
5	64QAM	12	7	18.61	18.46	18.48	19.5	0
5	64QAM	12	13	18.47	18.46	18.53		
5	64QAM	25	0	18.28	18.53	18.44		
5	256QAM	1	0	16.80	16.76	16.44		
5	256QAM	1	12	16.52	16.65	16.65	17.5	2
5	256QAM	1	24	16.59	16.67	16.36		
5	256QAM	12	0	16.81	16.82	16.75		
5	256QAM	12	7	16.60	16.79	16.36	17.5	2
5	256QAM	12	13	16.67	16.75	16.49		
5	256QAM	25	0	16.51	16.76	16.28		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.47	18.55	18.51		
3	QPSK	1	8	18.39	18.57	18.57	19.5	0
3	QPSK	1	14	18.29	18.49	18.44		
3	QPSK	8	0	18.55	18.57	18.48		
3	QPSK	8	4	18.39	18.23	18.50	19.5	0
3	QPSK	8	7	18.42	18.57	18.50		
3	QPSK	15	0	18.39	18.57	18.42		
3	16QAM	1	0	18.50	18.33	18.48		
3	16QAM	1	8	18.57	18.32	18.44	19.5	0
3	16QAM	1	14	18.46	18.56	18.53		
3	16QAM	8	0	18.46	18.40	18.45		
3	16QAM	8	4	18.43	18.45	18.39	19.5	0
3	16QAM	8	7	18.43	18.39	18.43		
3	16QAM	15	0	18.43	18.50	18.37		
3	64QAM	1	0	18.53	18.26	18.38		
3	64QAM	1	8	18.55	18.47	18.45	19.5	0
3	64QAM	1	14	18.38	18.41	18.39		
3	64QAM	8	0	18.44	18.31	18.55		
3	64QAM	8	4	18.55	18.50	18.39	19.5	0
3	64QAM	8	7	18.58	18.37	18.44		
3	64QAM	15	0	18.42	18.39	18.50		
3	256QAM	1	0	16.77	16.76	16.40		
3	256QAM	1	8	16.58	16.68	16.53	17.5	2
3	256QAM	1	14	16.64	16.77	16.31		
3	256QAM	8	0	16.72	16.83	16.68		
3	256QAM	8	4	16.63	16.75	16.38	17.5	2
3	256QAM	8	7	16.63	16.74	16.47		
3	256QAM	15	0	16.58	16.65	16.31		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.45	18.65	18.60		
1.4	QPSK	1	3	18.47	18.59	18.54		
1.4	QPSK	1	5	18.35	18.43	18.28	19.5	0
1.4	QPSK	3	0	18.55	18.66	18.53		
1.4	QPSK	3	1	18.36	18.40	18.50		
1.4	QPSK	3	3	18.56	18.45	18.53		
1.4	QPSK	6	0	18.48	18.51	18.52	19.5	0
1.4	16QAM	1	0	18.52	18.35	18.56		
1.4	16QAM	1	3	18.65	18.35	18.55		
1.4	16QAM	1	5	18.55	18.60	18.46	19.5	0
1.4	16QAM	3	0	18.35	18.26	18.43		
1.4	16QAM	3	1	18.43	18.46	18.35		
1.4	16QAM	3	3	18.43	18.42	18.35		
1.4	16QAM	6	0	18.47	18.59	18.54	19.5	0
1.4	64QAM	1	0	18.50	18.52	18.31		
1.4	64QAM	1	3	18.51	18.45	18.49		
1.4	64QAM	1	5	18.48	18.37	18.39	19.5	0
1.4	64QAM	3	0	18.39	18.39	18.39		
1.4	64QAM	3	1	18.43	18.43	18.46		
1.4	64QAM	3	3	18.57	18.34	18.53		
1.4	64QAM	6	0	18.29	18.53	18.35	19.5	0
1.4	256QAM	1	0	16.73	16.73	16.42		
1.4	256QAM	1	3	16.54	16.66	16.51		
1.4	256QAM	1	5	16.66	16.72	16.29	17.5	2
1.4	256QAM	3	0	16.80	16.74	16.74		
1.4	256QAM	3	1	16.62	16.78	16.34		
1.4	256QAM	3	3	16.63	16.72	16.54		
1.4	256QAM	6	0	16.54	16.75	16.29	17.5	2

Band 66 Ant 0 DSI6 sig path：70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.71	17.81	17.75		
20	QPSK	1	49	17.68	17.66	17.58	18.5	0
20	QPSK	1	99	17.62	17.80	17.72		
20	QPSK	50	0	17.72	17.75	17.68		
20	QPSK	50	24	17.61	17.67	17.66	18.5	0
20	QPSK	50	50	17.60	17.69	17.73		
20	QPSK	100	0	17.67	17.72	17.62		
20	16QAM	1	0	17.77	17.66	17.58		
20	16QAM	1	49	17.75	17.75	17.76	18.5	0
20

Band 2 Ant 4 DSI6 sig path：44

BW [MHz]	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	18.31	18.40	18.32	19	0
20	QPSK	1	49	18.37	18.33	18.13		
20	QPSK	1	99	18.16	18.29	18.32		
20	QPSK	50	0	18.35	18.37	18.31		
20	QPSK	50	24	18.36	18.23	18.24		
20	QPSK	50	50	18.35	18.33	18.31		
20	QPSK	100	0	18.25	18.27	18.15		
20	16QAM	1	0	18.31	18.35	18.28		
20	16QAM	1	49	18.23	18.34	18.24	19	0
20	16QAM	1	99	18.18	18.30	18.17		
20	16QAM	50	0	18.31	18.20	18.24		
20	16QAM	50	24	18.37	18.32	18.27		
20	16QAM	50	50	18.24	18.22	18.12		
20	16QAM	100	0	18.25	18.34	18.15		
20	64QAM	1	0	18.28	18.23	18.14		
20	64QAM	1	49	18.16	18.24	18.17	19	0
20	64QAM	1	99	18.33	18.27	18.15		
20	64QAM	50	0	18.33	18.32	18.25		
20	64QAM	50	24	18.25	18.34	18.17		
20	64QAM	50	50	18.22	18.22	18.10		
20	64QAM	100	0	18.21	18.30	18.13		
20	256QAM	1	0	18.31	18.34	18.30		
20	256QAM	1	49	18.25	18.32	18.31		
20	256QAM	1	99	18.21	18.26	18.13		
20	256QAM	50	0	18.25	18.30	18.17		
20	256QAM	50	24	18.34	18.24	18.29	19	0
20	256QAM	50	50	18.39	18.26	18.16		
20	256QAM	100	0	18.30	18.27	18.30		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.22	18.20	18.00		
15	QPSK	1	37	18.17	18.16	18.12	19	0
15	QPSK	1	74	18.14	18.13	18.11		
15	QPSK	36	0	18.05	18.17	18.02		
15	QPSK	36	20	18.03	18.28	18.22	19	0
15	QPSK	36	39	18.16	18.09	18.02		
15	QPSK	75	0	18.02	18.30	18.16		
15	16QAM	1	0	18.22	18.11	18.01		
15	16QAM	1	37	18.09	18.23	18.12	19	0
15	16QAM	1	74	18.10	18.15	18.08		
15	16QAM	36	0	18.15	18.27	18.10		
15	16QAM	36	20	18.14	18.07	18.16	19	0
15	16QAM	36	39	18.18	18.13	18.10		
15	16QAM	75	0	18.03	18.24	18.00		
15	64QAM	1	0	18.19	18.09	18.21		
15	64QAM	1	37	18.10	18.18	18.15	19	0
15	64QAM	1	74	18.21	18.20	18.05		
15	64QAM	36	0	18.03	18.23	18.06		
15	64QAM	36	20	18.23	18.07	18.06	19	0
15	64QAM	36	39	18.13	18.15	18.10		
15	64QAM	75	0	18.26	18.24	18.07		
15	256QAM	1	0	18.09	18.16	18.16		
15	256QAM	1	37	18.16	18.15	18.11	19	0
15	256QAM	1	74	18.12	18.13	18.13		
15	256QAM	36	0	18.13	18.17	18.18		
15	256QAM	36	20	18.04	18.23	18.14	19	0
15	256QAM	36	39	18.16	18.27	18.17		
15	256QAM	75	0	18.18	18.11	18.02		
Channel				18650	18900	19150		
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.17	18.15	18.17		
10	QPSK	1	25	18.03	18.23	18.01	19	0
10	QPSK	1	49	18.16	18.18	18.17		
10	QPSK	25	0	18.08	18.13	18.20		
10	QPSK	25	12	18.19	18.21	18.06	19	0
10	QPSK	25	25	18.13	18.21	18.16		
10	QPSK	50	0	18.16	18.09	18.08		
10	16QAM	1	0	18.11	18.12	17.98		
10	16QAM	1	25	18.23	18.16	18.01	19	0
10	16QAM	1	49	18.13	18.18	18.13		
10	16QAM	25	0	18.09	18.06	18.17		
10	16QAM	25	12	18.23	18.10	18.10	19	0
10	16QAM	25	25	18.11	18.16	18.05		
10	16QAM	50	0	18.04	18.10	18.03		
10	64QAM	1	0	18.03	18.08	18.16		
10	64QAM	1	25	18.18	18.15	18.01	19	0
10	64QAM	1	49	18.19	18.28	18.20		
10	64QAM	25	0	18.06	18.13	18.01		
10	64QAM	25	12	18.21	18.09	17.99	19	0
10	64QAM	25	25	18.09	18.25	18.20		
10	64QAM	50	0	18.06	18.26	18.09		
10	256QAM	1	0	18.05	18.07	18.14		
10	256QAM	1	25	18.26	18.21	18.01	19	0
10	256QAM	1	49	18.14	18.12	18.07		
10	256QAM	25	0	18.07	18.07	18.04		
10	256QAM	25	12	18.11	18.08	18.06	19	0
10	256QAM	25	25	18.20	18.20	18.11		
10	256QAM	50	0	18.21	18.09	18.11		
Channel				18625	18900	19175		
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.25	18.13	18.15		
5	QPSK	1	12	18.23	18.27	18.10	19	0
5	QPSK	1	24	18.03	18.12	18.06		
5	QPSK	12	0	18.18	18.13	18.15		
5	QPSK	12	7	18.03	18.08	18.16		
5	QPSK	12	13	18.24	18.27	18.05	19	0
5	QPSK	25	0	18.06	18.30	18.21		
5	16QAM	1	0	18.08	18.08	18.14		
5	16QAM	1	12	18.11	18.22	18.20	19	0
5	16QAM	1	24	18.10	18.23	18.15		
5	16QAM	12	0	18.24	18.28	18.05		
5	16QAM	12	7	18.17	18.24	18.06	19	0
5	16QAM	12	13	18.03	18.11	18.12		
5	16QAM	25	0	18.07	18.26	18.02		
5	64QAM	1	0	18.04	18.30	18.08		
5	64QAM	1	12	18.20	18.23	17.98	19	0
5	64QAM	1	24	18.20	18.28	18.09		
5	64QAM	12	0	18.21	18.21	18.09		
5	64QAM	12	7	18.05	18.22	18.04	19	0
5	64QAM	12	13	18.26	18.15	18.16		
5	64QAM	25	0	18.17	18.17	18.22		
5	256QAM	1	0	18.17	18.23	18.10		
5	256QAM	1	12	18.15	18.10	18.11	19	0
5	256QAM	1	24	18.22	18.21	18.19		
5	256QAM	12	0	18.03	18.19	18.08		
5	256QAM	12	7	18.23	18.14	18.15	19	0
5	256QAM	12	13	18.07	18.25	18.06		
5	256QAM	25	0	18.14	18.15	18.07		
Channel				18615	18900	19185		
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.18	18.27	18.17		
3	QPSK	1	8	18.02	18.29	18.11	19	0
3	QPSK	1	14	18.22	18.22	17.99		
3	QPSK	8	0	18.07	18.11	18.07		
3	QPSK	8	4	18.15	18.20	18.08	19	0
3	QPSK	8	7	18.10	18.18	18.19		
3	QPSK	15	0	18.17	18.25	18.20		
3	16QAM	1	0	18.11	18.08	18.17		
3	16QAM	1	8	18.24	18.26	17.99	19	0
3	16QAM	1	14	18.03	18.07	18.19		
3	16QAM	8	0	18.06	18.15	18.06		
3	16QAM	8	4	18.06	18.27	18.10	19	0
3	16QAM	8	7	18.15	18.21	18.14		
3	16QAM	15	0	18.19	18.27	18.04		
3	64QAM	1	0	18.21	18.19	18.16		
3	64QAM	1	8	18.17	18.28	18.00	19	0
3	64QAM	1	14	18.24	18.26	18.17		
3	64QAM	8	0	18.17	18.21	18.20		
3	64QAM	8	4	18.20	18.07	18.12	19	0
3	64QAM	8	7	18.20	18.11	18.04		
3	64QAM	15	0	18.06	18.06	18.06		
3	256QAM	1	0	18.02	18.18	18.03		
3	256QAM	1	8	18.03	18.29	17.95	19	0
3	256QAM	1	14	18.23	18.28	18.09		
3	256QAM	8	0	18.25	18.09	18.00		
3	256QAM	8	4	18.24	18.11	18.15	19	0
3	256QAM	8	7	18.26	18.29	18.07		
3	256QAM	15	0	18.22	18.15	18.14		
Channel				18607	18900	19193		
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.14	18.17	18.16		
1.4	QPSK	1	3	18.16	18.28	18.13		
1.4	QPSK	1	5	18.20	18.17	17.98	19	0
1.4	QPSK	3	0	18.13	18.12	18.01		
1.4	QPSK	3	1	18.12	18.26	18.02		
1.4	QPSK	3	3	18.12	18.23	18.02		
1.4	QPSK	6	0	18.23	18.21	18.09	19	0
1.4	16QAM	1	0	18.24	18.13	18.16		
1.4	16QAM	1	3	18.24	18.29	18.08		
1.4	16QAM	1	5	18.14	18.16	18.04	19	0
1.4	16QAM	3	0	18.15	18.07	18.10		
1.4	16QAM	3	1	18.17	18.12	18.16		
1.4	16QAM	3	3	18.08	18.22	18.19		
1.4	16QAM	6	0	18.14	18.29	18.14	19	0
1.4	64QAM	1	0	18.22	18.12	18.21		
1.4	64QAM	1	3	18.21	18.28	18.08		
1.4	64QAM	1	5	18.15	18.24	18.02	19	0
1.4	64QAM	3	0	18.12	18.23	17.98		
1.4	64QAM	3	1	18.16	18.09	18.19		
1.4	64QAM	3	3	18.17	18.12	18.16		
1.4	64QAM	6	0	18.03	18.12	18.21	19	0
1.4	256QAM	1	0	18.21	18.07	18.04		
1.4	256QAM	1	3	18.08	18.22	18.21		
1.4	256QAM	1	5	18.22	18.10	18.20	19	0
1.4	256QAM	3	0	18.16	18.24	18.15		
1.4	256QAM	3	1	18.04	18.18	18.21		
1.4	256QAM	3	3	18.08	18.27	18.10		
1.4	256QAM	6	0	18.15	18.10	18.03	19	0

Band 2 Ant 4 DSI6 sig path：456

BW [MHz]	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	18.15	18.23	18.10	19	0
20	QPSK	1	49	18.12	18.15	18.15		
20	QPSK	1	99	18.07	18.02	18.02		
20	QPSK	50	0	18.07	18.19	18.16		
20	QPSK	50	24	17.92	18.15	18.05		
20	QPSK	50	50	17.91	18.13	18.04		
20	QPSK	100	0	18.11	18.15	18.04		
20	16QAM	1	0	18.10	18.17	17.99		
20	16QAM	1	49	17.92	18.22	18.00	19	0
20	16QAM	1	99	17.93	18.20	18.13		
20	16QAM	50	0	18.03	18.07	18.05		
20	16QAM	50	24	18.13	18.01	18.11	19	0
20	16QAM	50	50	18.13	18.07	18.15		
20	16QAM	100	0	18.12	18.09	18.13		
20	64QAM	1	0	17.89	17.96	18.18		
20	64QAM	1	49	18.03	18.05	18.01	19	0
20	64QAM	1	99	17.89	18.15	17.98		
20	64QAM	50	0	18.01	18.17	18.16		
20	64QAM	50	24	17.92	18.07	18.00	19	0
20	64QAM	50	50	17.98	18.17	17.98		
20	64QAM	100	0	17.89	18.08	18.10		
20	256QAM	1	0	18.11	18.01	18.04		
20	256QAM	1	49	18.05	18.20	18.12	19	0
20	256QAM	1	99	18.06	18.07	18.18		
20	256QAM	50	0	18.00	18.10	17.97		
20	256QAM	50	24	17.93	18.15	18.01	19	0
20	256QAM	50	50	18.04	18.10	18.03		
20	256QAM	100	0	18.03	18.09	18.04		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.91	17.99	17.93		
15	QPSK	1	37	17.83	17.96	17.97	19	0
15	QPSK	1	74	17.87	18.06	18.11		
15	QPSK	36	0	18.02	18.02	18.00		
15	QPSK	36	20	17.93	18.02	18.05	19	0
15	QPSK	36	39	17.99	18.06	17.94		
15	QPSK	75	0	17.87	18.02	18.12		
15	16QAM	1	0	18.02	18.11	17.95		
15	16QAM	1	37	17.98	18.04	18.00	19	0
15	16QAM	1	74	18.01	18.06	18.11		
15	16QAM	36	0	17.93	18.10	17.92		
15	16QAM	36	20	18.04	17.93	17.89	19	0
15	16QAM	36	39	17.91	17.94	17.96		
15	16QAM	75	0	18.03	17.93	17.93		
15	64QAM	1	0	17.90	18.11	17.95		
15	64QAM	1	37	17.85	18.08	17.91	19	0
15	64QAM	1	74	17.90	18.09	17.95		
15	64QAM	36	0	17.84	18.06	18.09		
15	64QAM	36	20	17.90	18.05	17.95	19	0
15	64QAM	36	39	17.90	18.04	18.02		
15	64QAM	75	0	17.98	18.11	17.89		
15	256QAM	1	0	18.01	18.08	18.03		
15	256QAM	1	37	17.96	18.14	18.11	19	0
15	256QAM	1	74	18.04	17.95	18.04		
15	256QAM	36	0	17.83	18.14	17.92		
15	256QAM	36	20	18.04	18.08	18.06	19	0
15	256QAM	36	39	17.96	18.02	18.02		
15	256QAM	75	0	17.85	18.06	18.08		
Channel				18650	18900	19150		
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.04	18.08	18.08		
10	QPSK	1	25	18.03	18.14	18.10	19	0
10	QPSK	1	49	17.97	18.04	17.99		
10	QPSK	25	0	17.97	18.06	18.01		
10	QPSK	25	12	17.97	18.08	18.01	19	0
10	QPSK	25	25	17.93	18.12	18.08		
10	QPSK	50	0	17.94	17.99	17.90		
10	16QAM	1	0	18.04	17.93	17.93		
10	16QAM	1	25	18.01	18.14	17.98	19	0
10	16QAM	1	49	17.97	17.96	18.08		
10	16QAM	25	0	17.92	18.00	17.93		
10	16QAM	25	12	17.84	17.99	18.09	19	0
10	16QAM	25	25	17.84	18.11	18.07		
10	16QAM	50	0	17.94	18.17	17.94		
10	64QAM	1	0	17.95	18.05	18.00		
10	64QAM	1	25	18.01	18.05	18.07	19	0
10	64QAM	1	49	17.93	18.03	17.98		
10	64QAM	25	0	17.86	18.00	18.03		
10	64QAM	25	12	18.00	17.92	17.92	19	0
10	64QAM	25	25	17.97	18.10	18.05		
10	64QAM	50	0	17.81	18.12	18.06		
10	256QAM	1	0	18.04	18.03	18.06		
10	256QAM	1	25	17.81	18.00	18.04	19	0
10	256QAM	1	49	17.94	18.13	17.98		
10	256QAM	25	0	17.94	17.96	18.09		
10	256QAM	25	12	17.86	18.00	18.01	19	0
10	256QAM	25	25	17.91	18.12	17.88		
10	256QAM	50	0	17.90	18.07	17.95		
Channel				18625	18900	19175		
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.03	17.99	17.89		
5	QPSK	1	12	17.90	18.00	17.89	19	0
5	QPSK	1	24	17.88	18.02	17.96		
5	QPSK	12	0	17.81	18.02	18.07		
5	QPSK	12	7	17.92	17.94	18.07	19	0
5	QPSK	12	13	17.86	18.00	18.01		
5	QPSK	25	0	17.98	18.05	18.01		
5	16QAM	1	0	17.85	18.05	18.05		
5	16QAM	1	12	18.14	18.09	18.21	19	0
5	16QAM	1	24	17.89	18.05	18.04		
5	16QAM	12	0	17.92	18.09	17.92		
5	16QAM	12	7	17.99	18.06	17.97	19	0
5	16QAM	12	13	18.03	17.96	17.99		
5	16QAM	25	0	17.83	17.95	18.09		
5	64QAM	1	0	17.99	18.13	17.91		
5	64QAM	1	12	17.96	18.02	18.03	19	0
5	64QAM	1	24	17.94	17.97	17.89		
5	64QAM	12	0	17.97	17.99	17.99		
5	64QAM	12	7	17.98	18.14	18.07	19	0
5	64QAM	12	13	17.95	18.14	18.10		
5	64QAM	25	0	17.96	18.18	18.03		
5	256QAM	1	0	18.04	18.11	17.91		
5	256QAM	1	12	17.94	18.00	18.05	19	0
5	256QAM	1	24	17.97	17.98	17.97		
5	256QAM	12	0	17.90	18.06	18.09		
5	256QAM	12	7	18.03	18.12	17.97	19	0
5	256QAM	12	13	17.87	17.97	17.90		
5	256QAM	25	0	17.87	17.98	18.03		
Channel				18615	18900	19185		
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.85	18.02	18.09		
3	QPSK	1	8	17.93	18.12	18.00	19	0
3	QPSK	1	14	17.94	18.13	18.04		
3	QPSK	8	0	17.85	18.07	17.99		
3	QPSK	8	4	17.95	18.13	17.94	19	0
3	QPSK	8	7	17.93	18.10	17.93		
3	QPSK	15	0	17.88	18.13	17.99		
3	16QAM	1	0	17.96	18.15	18.04		
3	16QAM	1	8	18.01	18.12	18.04	19	0
3	16QAM	1	14	17.95	17.94	18.12		
3	16QAM	8	0	17.91	18.13	18.01		
3	16QAM	8	4	17.89	18.06	18.01	19	0
3	16QAM	8	7	18.01	17.99	18.10		
3	16QAM	15	0	17.89	17.99	17.97		
3	64QAM	1	0	18.02	18.10	18.01		
3	64QAM	1	8	17.97	18.08	18.15	19	0
3	64QAM	1	14	17.85	18.09	18.00		
3	64QAM	8	0	17.82	18.12	18.05		
3	64QAM	8	4	17.82	18.11	17.93	19	0
3	64QAM	8	7	17.85	18.02	18.08		
3	64QAM	15	0	17.96	18.15	17.90		
3	256QAM	1	0	18.02	18.12	17.98		
3	256QAM	1	8	18.00	17.95	17.97	19	0
3	256QAM	1	14	17.92	18.15	17.91		
3	256QAM	8	0	18.03	17.96	18.05		
3	256QAM	8	4	17.82	18.07	17.98	19	0
3	256QAM	8	7	17.92	18.14	18.07		
3	256QAM	15	0	17.86	18.06	18.08		
Channel				18607	18900	19193		
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.89	18.11	18.08		
1.4	QPSK	1	3	17.85	18.02	17.90		
1.4	QPSK	1	5	17.96	17.96	17.98	19	0
1.4	QPSK	3	0	18.05	18.13	18.01		
1.4	QPSK	3	1	18.03	18.14	18.05		
1.4	QPSK	3	3	17.81	17.96	17.90		
1.4	QPSK	6	0	17.83	18.11	18.11	19	0
1.4	16QAM	1	0	17.97	18.07	17.92		
1.4	16QAM	1	3	17.84	18.04	17.91		
1.4	16QAM	1	5	17.84	17.97	17.92	19	0
1.4	16QAM	3	0	18.02	18.05	18.09		
1.4	16QAM	3	1	17.89	18.08	18.03		
1.4	16QAM	3	3	17.91	17.97	18.07		
1.4	16QAM	6	0	17.94	18.08	18.14	19	0
1.4	64QAM	1	0	17.95	18.03	18.08		
1.4	64QAM	1	3	17.92	17.95	18.10		
1.4	64QAM	1	5	17.90	17.98	17.92	19	0
1.4	64QAM	3	0	17.90	17.96	18.07		
1.4	64QAM	3	1	17.94	17.96	18.12		
1.4	64QAM	3	3	17.88	18.10	17.92		
1.4	64QAM	6	0	17.88	18.11	18.00	19	0
1.4	256QAM	1	0	17.98	17.92	17.93		
1.4	256QAM	1	3	17.91	17.97	18.08		
1.4	256QAM	1	5	17.85	18.15	17.94	19	0
1.4	256QAM	3	0	17.99	18.03	17.93		
1.4	256QAM	3	1	17.97	18.11	18.08		
1.4	256QAM	3	3	18.05	17.97	18.03		
1.4	256QAM	6	0	17.99	18.04	18.08	19	0

Band 4 Ant 4 DSI6 sig path：69

BW [MHz]	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	20.29	20.39	20.35	21	0
20	QPSK	1	49	20.17	20.22	20.14		
20	QPSK	1	99	20.09	20.37	20.18		
20	QPSK	50	0	20.32	20.35	20.30		
20	QPSK	50	24	20.03	20.29	20.17	21	0
20	QPSK	50	50	20.06	20.33	20.23		
20	QPSK	100	0	20.02	20.31	20.24		
20	16QAM	1	0	20.13	20.34	20.31		
20	16QAM	1	49	20.12	20.29	20.31	21	0
20	16QAM	1	99	20.01	20.37	20.12		
20	16QAM	50	0	20.09	20.37	20.16		
20	16QAM	50	24	19.97	20.15	20.11	21	0
20	16QAM	50	50	20.14	20.24	20.12		
20	16QAM	100	0	20.11	20.30	20.22		
20	64QAM	1	0	20.09	20.25	20.14		
20	64QAM	1	49	20.17	20.30	20.23	21	0
20	64QAM	1	99	20.17	20.33	20.26		
20	64QAM	50	0	20.18	20.17	20.17		
20	64QAM	50	24	20.19	20.21	20.32	21	0

Band 7 Ant 4 DSI6

BW [MHz]	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	18.99	19.11	18.97	19.5	0
20	QPSK	1	49	18.97	18.97	18.91		
20	QPSK	25	0	18.82	18.92	19.02		
20	QPSK	50	0	18.94	19.07	18.93		
20	QPSK	50	24	18.81	19.03	18.88	19.5	0
20	QPSK	50	50	19.00	19.02	18.94		
20	QPSK	100	0	18.99	19.01	18.95		
20	16QAM	1	0	18.94	18.92	18.92		
20	16QAM	1	49	18.91	18.99	18.96	19.5	0
20	16QAM	1	99	18.79	18.88	18.87		
20	16QAM	50	0	18.87	19.00	19.01		
20	16QAM	50	24	18.88	18.84	19.00	19.5	0
20	16QAM	50	50	18.88	19.05	18.86		
20	16QAM	100	0	18.98	19.03	19.02		
20	64QAM	1	0	18.99	18.84	18.86		
20	64QAM	1	49	18.80	18.92	18.97	19.5	0
20	64QAM	1	99	18.91	19.01	18.97		
20	64QAM	50	0	18.85	19.03	18.81		
20	64QAM	50	24	18.91	19.03	18.82	19.5	0
20	64QAM	50	50	18.87	18.86	18.99		
20	64QAM	100	0	18.98	19.05	19.02		
20	QPSK	1	0	18.39	18.40	18.23		
20	QPSK	1	49	18.34	18.38	18.38	19	0.5
20	QPSK	1	99	18.34	18.25	18.28		
20	256QAM	1	0	18.19	18.47	18.21		
20	256QAM	50	24	18.25	18.46	18.33	19	0.5
20	256QAM	50	50	18.30	18.47	18.32		
20	256QAM	100	0	18.17	18.47	18.39		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.81	18.90	18.96	19.5	0
15	QPSK	1	37	18.77	18.79	18.95		
15	QPSK	1	74	18.70	18.95	18.89		
15	QPSK	36	0	18.87	18.89	18.84		
15	QPSK	36	20	18.72	18.94	18.71		
15	QPSK	36	39	18.84	19.02	18.89		
15	QPSK	75	0	18.69	18.77	18.80		
15	16QAM	1	0	18.86	18.85	18.85		
15	16QAM	1	37	18.74	18.91	18.97	19.5	0
15	16QAM	1	74	18.61	18.89	18.76		
15	16QAM	36	0	18.95	18.92	19.02		
15	16QAM	36	20	18.72	18.82	18.80	19.5	0
15	16QAM	36	39	18.69	19.00	18.79		
15	16QAM	75	0	18.82	18.93	18.96		
15	64QAM	1	0	18.96	18.70	18.67		
15	64QAM	1	37	18.75	18.83	18.99	19.5	0
15	64QAM	1	74	18.92	19.04	18.99		
15	64QAM	36	0	18.87	19.02	18.75		
15	64QAM	36	20	18.92	19.02	18.75	19.5	0
15	64QAM	36	39	18.75	18.71	18.91		
15	64QAM	75	0	19.00	18.87	19.04		
15	QPSK	1	0	18.29	18.31	18.18		
15	QPSK	1	37	18.22	18.42	18.40	19	0.5
15	QPSK	1	74	18.32	18.26	18.20		
15	QPSK	36	0	18.11	18.49	18.20		
15	QPSK	36	20	18.10	18.28	18.21	19	0.5
15	QPSK	36	39	18.22	18.02	18.29		
15	QPSK	75	0	18.18	18.34	18.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.81	18.82	18.80	19.5	0
10	QPSK	1	25	18.91	18.95	18.95		
10	QPSK	1	49	18.84	18.94	18.94		
10	QPSK	25	0	18.96	18.75	18.85		
10	QPSK	25	12	18.70	19.00	18.75	19.5	0
10	QPSK	25	25	18.83	18.92	18.94		
10	QPSK	50	0	18.84	18.83	18.74		
10	16QAM	1	0	18.89	18.76	18.92		
10	16QAM	1	25	18.89	18.96	18.78	19.5	0
10	16QAM	1	49	18.81	18.87	18.80		
10	16QAM	25	0	18.94	18.80	18.90		
10	16QAM	25	12	18.88	18.82	18.90	19.5	0
10	16QAM	25	25	18.77	19.05	18.73		
10	16QAM	50	0	18.79	18.84	18.84		
10	64QAM	1	0	18.93	18.78	18.90		
10	64QAM	1	25	18.61	18.73	18.90	19.5	0
10	64QAM	1	49	18.85	18.90	18.79		
10	64QAM	25	0	18.86	18.89	18.72		
10	64QAM	25	12	18.93	18.96	18.78	19.5	0
10	64QAM	25	25	18.78	18.82	18.96		
10	64QAM	50	0	18.95	18.91	18.95		
10	256QAM	1	0	18.34	18.43	18.23		
10	256QAM	1	25	18.20	18.27	18.20	19	0.5
10	256QAM	1	49	18.30	18.18	18.22		
10	256QAM	25	0	18.22	18.34	18.18		
10	256QAM	25	12	18.25	18.34	18.23	19	0.5
10	256QAM	25	25	18.18	18.36	18.13		
10	256QAM	50	0	18.10	18.41	18.37		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.76	18.75	18.95	19.5	0
5	QPSK	1	12	18.98	18.95	18.94		
5	QPSK	1	24	18.62	18.91	18.86		
5	QPSK	12	0	18.80	18.71	18.97		
5	QPSK	12	7	18.78	18.90	18.81	19.5	0
5	QPSK	12	13	18.99	18.98	18.93		
5	QPSK	25	0	18.86	18.73	18.80		
5	16QAM	1	0	18.96	18.92	18.72		
5	16QAM	1	12	18.79	18.97	18.82	19.5	0
5	16QAM	1	24	18.77	18.85	18.86		
5	16QAM	12	0	18.84	19.03	19.03		
5	16QAM	12	7	18.70	18.73	18.99	19.5	0
5	16QAM	12	13	18.69	19.02	18.87		
5	16QAM	25	0	18.94	18.87	18.90		
5	64QAM	1	0	18.94	18.78	18.70		
5	64QAM	1	12	18.82	18.90	18.96	19.5	0
5	64QAM	1	24	18.88	18.98	18.97		
5	64QAM	12	0	18.78	19.03	18.69		
5	64QAM	12	7	18.86	18.94	18.80	19.5	0
5	64QAM	12	13	18.73	18.72	18.81		
5	64QAM	25	0	18.96	18.91	18.92		
5	256QAM	1	0	18.42	18.23	18.13		
5	256QAM	1	12	18.34	18.22	18.30	19	0.5
5	256QAM	1	24	18.30	18.23	18.17		
5	256QAM	12	0	18.15	18.48	18.02		
5	256QAM	12	7	18.25	18.30	18.17	19	0.5
5	256QAM	12	13	18.25	18.49	18.22		
5	256QAM	25	0	18.03	18.46	18.42		

Band 25 Ant 4 DSI6 sig path：45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.15	18.28	18.03	19	0
20	QPSK	1	49	17.90	18.04	18.12		
20	QPSK	1	99	17.94	17.89	17.98		
20	QPSK	50	0	18.11	18.19	18.07		
20	QPSK	50	24	18.08	17.90	18.07	19	0
20	QPSK	50	50	17.97	18.12	18.15		
20	QPSK	100	0	18.11	18.13	18.00		
20	16QAM	1	0	18.07	18.02	18.02		
20	16QAM	1	49	18.04	17.94	18.13	19	0
20	16QAM	1	99	18.03	18.15	18.12		
20	16QAM	50	0	17.94	17.94	17.93		
20	16QAM	50	24	18.06	17.94	18.10	19	0
20	16QAM	50	50	18.15	17.99	18.15		
20	16QAM	100	0	18.10	18.03	17.99		
20	64QAM	1	0	17.93	18.14	18.04		
20	64QAM	1	49	18.00	18.15	17.92	19	0
20	64QAM	1	99	18.04	18.15	18.02		
20	64QAM	50	0	18.07	18.14	17.93		
20	64QAM	50	24	17.94	17.82	17.96	18	1
20	64QAM	50	50	17.96	17.99	18.10		
20	64QAM	100	0	18.04	18.08	17.82		
20	256QAM	1	0	17.96	17.97	17.85		
20	256QAM	1	49	17.93	17.82	18.00	16	3
20	256QAM	1	99	17.95	18.04	18.01		
20	256QAM	50	0	17.74	17.85	17.84		
20	256QAM	50	24	17.96	17.91	18.07	16	3
20	256QAM	50	50	17.94	17.86	18.10		
20	256QAM	100	0	17.93	17.84	17.91		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.81	18.03	17.78	19	0
15	QPSK	1	37	17.78	17.79	17.78		
15	QPSK	1	74	17.76	17.68	17.86		
15	QPSK	36	0	17.88	18.01	17.78		
15	QPSK	36	20	17.80	17.83	17.82	19	0
15	QPSK	36	39	17.73	17.90	17.88		
15	QPSK	75	0	17.94	17.88	17.72		
15	16QAM	1	0	17.82	17.93	17.86		
15	16QAM	1	37	17.88	17.78	17.83	19	0
15	16QAM	1	74	17.81	17.78	17.99		
15	16QAM	36	0	17.79	17.78	17.81		
15	16QAM	36	20	17.79	17.74	18.00	19	0
15	16QAM	36	39	18.06	17.79	17.95		
15	16QAM	75	0	17.75	17.78	17.79		
15	64QAM	1	0	17.71	17.91	17.90		
15	64QAM	1	37	17.72	17.88	17.69	19	0
15	64QAM	1	74	17.75	17.85	17.86		
15	64QAM	36	0	17.98	17.98	17.89		
15	64QAM	36	20	17.93	17.90	17.95	18	1
15	64QAM	36	39	17.78	17.85	17.95		
15	64QAM	75	0	17.88	17.94	17.72		
15	256QAM	1	0	17.87	17.90	17.84		
15	256QAM	1	37	17.86	17.88	17.82	16	3
15	256QAM	1	74	17.87	17.95	17.97		
15	256QAM	36	0	17.74	17.73	17.77		
15	256QAM	36	20	17.82	17.74	17.93	16	3
15	256QAM	36	39	17.96	17.77	17.93		
15	256QAM	75	0	17.86	17.82	17.83		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.93	18.09	17.91	19	0
10	QPSK	1	25	17.75	17.84	17.94		
10	QPSK	1	49	17.69	17.80	17.84		
10	QPSK	25	0	17.96	18.00	17.90		
10	QPSK	25	12	17.83	17.68	17.82	19	0
10	QPSK	25	25	17.91	17.88	17.88		
10	QPSK	50	0	17.90	18.01	17.78		
10	16QAM	1	0	17.97	17.87	17.83		
10	16QAM	1	25	17.79	17.77	17.85	19	0
10	16QAM	1	49	17.87	17.96	18.00		
10	16QAM	25	0	17.78	17.68	17.71		
10	16QAM	25	12	17.91	17.74	17.88	19	0
10	16QAM	25	25	18.01	17.82	17.83		
10	16QAM	50	0	17.78	17.80	17.82		
10	64QAM	1	0	17.74	17.97	17.75		
10	64QAM	1	25	17.68	17.97	17.81	19	0
10	64QAM	1	49	17.80	17.86	17.83		
10	64QAM	25	0	17.97	17.98	17.86		
10	64QAM	25	12	17.92	17.75	17.78	18	1
10	64QAM	25	25	17.80	17.86	17.92		
10	64QAM	50	0	17.89	17.96	17.73		
10	256QAM	1	0	17.83	17.81	17.83		
10	256QAM	1	25	17.85	17.79	17.93	16	3
10	256QAM	1	49	17.81	17.97	17.91		
10	256QAM	25	0	17.76	17.79	17.75		
10	256QAM	25	12	17.88	17.71	17.98	16	3
10	256QAM	25	25	17.94	17.80	17.94		
10	256QAM	50	0	17.90	17.81	17.82		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.94	18.00	17.94	19	0
5	QPSK	1	12	17.69	17.92	17.93		
5	QPSK	1	24	17.76	17.73	17.88		
5	QPSK	12	0	17.97	17.97	17.94		
5	QPSK	12	7	17.99	17.81	17.77	19	0
5	QPSK	12	13	17.82	17.84	18.00		
5	QPSK	25	0	17.77	17.85	17.76		
5	16QAM	1	0	17.83	17.75	17.79		
5	16QAM	1	12	17.79	17.75	17.96	19	0
5	16QAM	1	24	17.92	17.95	18.02		
5	16QAM	12	0	17.70	17.75	17.65		
5	16QAM	12	7	17.85	17.76	17.93	19	0
5	16QAM	12	13	18.03	17.87	17.92		
5	16QAM	25	0	17.79	17.76	17.89		
5	64QAM	1	0	17.88	17.93	17.83		
5	64QAM	1	12	17.66	17.92	17.84	19	0
5	64QAM	1	24	17.82	17.94	17.84		
5	64QAM	12	0	17.97	17.95	17.82		
5	64QAM	12	7	17.86	17.79	17.82	18	1
5	64QAM	12	13	17.78	17.88	17.96		
5	64QAM	25	0	17.86	17.89	17.74		
5	256QAM	1	0	17.86	17.82	17.81	16	3
5	256QAM	1	12	17.82	17.82	17.96		
5	256QAM	1	24	17.83	18.02	17.93		
5	256QAM	12	0	17.74	17.81	17.69		
5	256QAM	12	7	17.90	17.74	17.97	16	3
5	256QAM	12	13	17.99	17.76	17.87		
5	256QAM	25	0	17.90	17.84	17.84		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.89	18.04	17.96	19	0
3	QPSK	1	8	17.77	17.84	17.96		
3	QPSK	1	14	17.77	17.69	17.80		
3	QPSK	8	0	18.03	17.93	17.94		
3	QPSK	8	4	17.99	17.70	17.76	19	0
3	QPSK	8	7	17.73	17.96	17.90		
3	QPSK	15	0	17.82	17.95	17.74		
3	16QAM	1	0	17.82	17.94	17.81		
3	16QAM	1	8	17.80	17.79	17.90	19	0
3	16QAM	1	14	17.79	17.97	17.92		
3	16QAM	8	0	17.72	17.71	17.73		
3	16QAM	8	4	17.85	17.83	18.05	19	0
3	16QAM	8	7	17.89	17.83	17.99		
3	16QAM	15	0	17.83	17.90	17.86		
3	64QAM	1	0	17.87	17.82	17.85		
3	64QAM	1	8	17.68	18.02	17.72	19	0
3	64QAM	1	14	17.78	17.95	17.89		
3	64QAM	8	0	17.95	18.01	17.89		
3	64QAM	8	4	17.94	17.78	17.87	18	1
3	64QAM	8	7	17.86	17.82	17.91		
3	64QAM	15	0	17.90	17.90	17.78		
3	256QAM	1	0	17.85	17.81	17.90	16	3
3	256QAM	1	8	17.88	17.83	17.87		
3	256QAM	1	14	17.88	18.03	17.96		
3	256QAM	8	0	17.69	17.80	17.74		
3	256QAM	8	4	17.88	17.72	17.97	16	3
3	256QAM	8	7	17.92	17.79	17.86		
3	256QAM	15	0	17.96	17.94	17.86		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.88	17.94	17.91	19	0
1.4	QPSK	1	3	17.67	17.83	17.82		
1.4	QPSK	1	5	17.70	17.65	17.84		
1.4	QPSK	3	0	17.99	17.99	17.81		
1.4	QPSK	3	1	17.87	17.84	17.84		
1.4	QPSK	3	3	17.75	17.79	17.93		
1.4	QPSK	6	0	17.85	17.86	17.71	19	0
1.4	16QAM	1	0	17.91	17.86	17.90	19	0
1.4	16QAM	1	3	17.81	17.81	17.97		
1.4	16QAM	1	5	17.76	18.00	17.84		
1.4	16QAM	3	0	17.74	17.79	17.81		
1.4	16QAM	3	1	17.78	17.80	17.99		
1.4	16QAM	3	3	18.04	17.77	17.92		
1.4	16QAM	6	0	17.82	17.91	17.88	19	0
1.4	64QAM	1	0	17.71	17.95	17.91	19	0
1.4	64QAM	1	3	17.76	17.89	17.89		
1.4	64QAM	1	5	17.88	17.87	17.86		
1.4	64QAM	3	0	17.70	17.83	17.85		
1.4	64QAM	3	1	18.06	17.69	17.83		
1.4	64QAM	3	3	17.82	17.90	17.85		
1.4	64QAM	6	0	17.78	17.73	17.61	18	1
1.4	256QAM	1	0	17.82	17.75	17.80	16	3
1.4	256QAM	1	3	17.71	17.73	17.90		
1.4	256QAM	1	5	17.70	17.94	17.76		
1.4	256QAM	3	0	17.61	17.71	17.75		
1.4	256QAM	3	1	17.69	17.74	17.88		
1.4	256QAM	3	3	17.69	17.67	17.80		
1.4	256QAM	6	0	17.76	17.78	17.73	16	3

Band 25 Ant 4 DSI6 sig path：457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.13	18.25	18.08	19	0
20	QPSK	1	49	18.04	18.13	18.09		
20	QPSK	1	99	17.96	18.00	17.94		
20	QPSK	50	0	18.09	18.19	18.18		
20	QPSK	50	24	17.96	17.95	18.13	19	0
20	QPSK	50	50	17.95	18.05	17.97		
20	QPSK	100	0	18.01	18.17	18.05		
20	16QAM	1	0	18.17	18.05	18.06		
20	16QAM	1	49	18.01	18.10	17.99	19	0
20	16QAM	1	99	17.88	18.04	18.06		
20	16QAM	50	0	17.96	17.97	18.03		
20	16QAM	50	24	17.99	17.95	18.03	19	0
20	16QAM	50	50	18.07	18.03	17.95		
20	16QAM	100	0	18.15	17.94	18.12		
20	64QAM	1	0	18.09	18.13	17.97		
20	64QAM	1	49	17.99	18.08	18.04	19	0
20	64QAM	1	99	18.05	18.03	18.09		
20	64QAM	50	0	18.02	18.06	18.08		
20	64QAM	50	24	17.91	17.83	18.11	18	1
20	64QAM	50	50	17.84	17.87	17.83		
20	64QAM	100	0	17.98	18.01	17.92		
20	256QAM	1	0	18.08	17.86	18.04		
20	256QAM	1	49	17.99	17.86	17.87	16	3
20	256QAM	1	99	17.82	17.91	18.06		
20	256QAM	50	0	17.81	17.83	17.84		
20	256QAM	50	24	17.83	17.82	17.87	16	3
20	256QAM	50	50	18.00	17.87	17.88		
20	256QAM	100	0	18.06	17.83	18.06		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.95	18.02	17.74	19	0
15	QPSK	1	37	17.95	17.96	17.84		
15	QPSK	1	74	17.62	17.80	17.77		
15	QPSK	36	0	17.98	18.04	17.87		
15	QPSK	36	20	17.89	17.85	17.89	19	0
15	QPSK	36	39	17.87	17.82	17.85		
15	QPSK	75	0	17.79	18.02	17.86		
15	16QAM	1	0	17.92	17.88	17.88		
15	16QAM	1	37	17.87	17.79	17.83	19	0
15	16QAM	1	74	17.86	17.87	17.87		
15	16QAM	36	0	17.67	17.82	17.86		
15	16QAM	36	20	17.82	17.80	17.72	19	0
15	16QAM	36	39	17.96	17.82	17.65		
15	16QAM	75	0	17.62	17.77	17.98		
15	64QAM	1	0	17.87	17.84	17.82		
15	64QAM	1	37	17.88	17.80	17.92	19	0
15	64QAM	1	74	17.82	17.87	17.84		
15	64QAM	36	0	17.86	18.00	17.92		
15	64QAM	36	20	17.77	17.96	17.92	18	1
15	64QAM	36	39	17.86	17.80	17.83		
15	64QAM	75	0	17.89	17.90	17.77		
15	256QAM	1	0	17.99	17.81	17.91		
15	256QAM	1	37	17.88	17.82	17.82	16	3
15	256QAM	1	74	17.73	17.80	17.86		
15	256QAM	36	0	17.73	17.78	17.77		
15	256QAM	36	20	17.83	17.78	17.76	16	3
15	256QAM	36	39	17.89	17.82	17.74		
15	256QAM	75	0	17.90	17.73	17.96		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.00	18.00	17.88	19	0
10	QPSK	1	25	17.80	17.94	17.79		
10	QPSK	1	49	17.63	17.86	17.78		
10	QPSK	25	0	17.89	17.98	17.85		
10	QPSK	25	12	17.89	17.75	17.97	19	0
10	QPSK	25	25	17.77	17.74	17.87		
10	QPSK	50	0	17.78	17.97	17.87		
10	16QAM	1	0	17.94	17.73	17.91		
10	16QAM	1	25	17.79	17.92	17.78	19	0
10	16QAM	1	49	17.81	17.79	17.97		
10	16QAM	25	0	17.70	17.73	17.82		
10	16QAM	25	12	17.75	17.74	17.71	19	0
10	16QAM	25	25	17.87	17.79	17.70		
10	16QAM	50	0	17.96	17.82	17.86		
10	64QAM	1

Band 66 Ant 4 DSI6 sig path：70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.36	20.54	20.45		
20	QPSK	1	49	20.27	20.32	20.28	21	0
20	QPSK	1	99	20.05	20.38	20.27		
20	QPSK	50	0	20.41	20.45	20.37		
20	QPSK	50	24	20.07	20.36	20.26	21	0
20	QPSK	50	50	20.13	20.39	20.36		
20	QPSK	100	0	20.34	20.35	20.33		
20	16QAM	1	0	20.18	20.42	20.43		
20	16QAM	1	49	20.17	20.36	20.39	21	0
20	16QAM	1	99	20.05	20.46	20.20		
20	16QAM	50	0	20.14	20.52	20.26		
20	16QAM	50	24	20.08	20.29	20.26	21	0
20	16QAM	50	50	20.24	20.32	20.24		
20	16QAM	100	0	20.26	20.40	20.29		
20	64QAM	1	0	20.13	20.33	20.27		
20	64QAM	1	49	20.22	20.39	20.35	21	0
20	64QAM	1	99	20.27	20.40	20.41		
20	64QAM	50	0	20.26	20.23	20.23		
20	64QAM	50	24	20.29	20.33	20.37	21	0
20	64QAM	50	50	20.07	20.31	20.27		
20	64QAM	100	0	20.12	20.41	20.18		
20	256QAM	1	0	18.14	18.38	18.36		
20	256QAM	1	49	18.31	18.61	18.34	19	2
20	256QAM	1	99	18.26	18.55	18.32		
20	256QAM	50	0	18.16	18.53	18.32		
20	256QAM	50	24	18.32	18.47	18.40	19	2
20	256QAM	50	50	18.37	18.55	18.52		
20	256QAM	100	0	18.35	18.45	18.30		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.30	20.39	20.31		
15	QPSK	1	37	20.15	20.27	20.10	21	0
15	QPSK	1	74	19.97	20.26	20.20		
15	QPSK	36	0	20.27	20.33	20.29		
15	QPSK	36	20	20.07	20.33	20.23	21	0
15	QPSK	36	39	20.08	20.32	20.26		
15	QPSK	75	0	20.16	20.35	20.18		
15	16QAM	1	0	20.18	20.38	20.35		
15	16QAM	1	37	20.15	20.28	20.34	21	0
15	16QAM	1	74	20.03	20.35	20.08		
15	16QAM	36	0	20.05	20.35	20.11		
15	16QAM	36	20	19.94	20.16	20.13	21	0
15	16QAM	36	39	20.17	20.30	20.09		
15	16QAM	75	0	20.16	20.33	20.26		
15	64QAM	1	0	20.10	20.22	20.19		
15	64QAM	1	37	20.19	20.34	20.18	21	0
15	64QAM	1	74	20.14	20.28	20.30		
15	64QAM	36	0	20.13	20.18	20.13		
15	64QAM	36	20	20.15	20.23	20.29	21	0
15	64QAM	36	39	20.06	20.25	20.22		
15	64QAM	75	0	20.04	20.28	20.13		
15	256QAM	1	0	18.04	18.27	18.24		
15	256QAM	1	37	18.25	18.51	18.27	19	2
15	256QAM	1	74	18.11	18.44	18.25		
15	256QAM	36	0	18.07	18.36	18.22		
15	256QAM	36	20	18.19	18.37	18.33	19	2
15	256QAM	36	39	18.20	18.46	18.45		
15	256QAM	75	0	18.21	18.34	18.17		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.30	20.37	20.39		
10	QPSK	1	25	20.18	20.22	20.13	21	0
10	QPSK	1	49	19.97	20.25	20.17		
10	QPSK	25	0	20.34	20.36	20.35		
10	QPSK	25	12	20.05	20.32	20.12	21	0
10	QPSK	25	25	20.00	20.27	20.24		
10	QPSK	50	0	20.27	20.30	20.25		
10	16QAM	1	0	20.13	20.39	20.33		
10	16QAM	1	25	20.15	20.33	20.29	21	0
10	16QAM	1	49	20.03	20.35	20.14		
10	16QAM	25	0	20.10	20.42	20.18		
10	16QAM	25	12	19.94	20.19	20.06	21	0
10	16QAM	25	25	20.13	20.25	20.15		
10	16QAM	50	0	20.07	20.30	20.25		
10	64QAM	1	0	20.12	20.22	20.15		
10	64QAM	1	25	20.12	20.27	20.28	21	0
10	64QAM	1	49	20.19	20.29	20.23		
10	64QAM	25	0	20.18	20.15	20.23		
10	64QAM	25	12	20.19	20.16	20.31	21	0
10	64QAM	25	25	20.06	20.22	20.14		
10	64QAM	50	0	20.08	20.31	20.16		
10	256QAM	1	0	18.06	18.30	18.20		
10	256QAM	1	25	18.17	18.49	18.20	19	2
10	256QAM	1	49	18.13	18.43	18.26		
10	256QAM	25	0	18.09	18.35	18.29		
10	256QAM	25	12	18.18	18.43	18.25	19	2
10	256QAM	25	25	18.25	18.41	18.39		
10	256QAM	50	0	18.23	18.36	18.15		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.32	20.44	20.31		
5	QPSK	1	12	20.14	20.16	20.18	21	0
5	QPSK	1	24	19.98	20.23	20.23		
5	QPSK	12	0	20.37	20.33	20.25		
5	QPSK	12	7	19.99	20.29	20.23	21	0
5	QPSK	12	13	20.11	20.37	20.29		
5	QPSK	25	0	20.18	20.28	20.25		
5	16QAM	1	0	20.14	20.40	20.34		
5	16QAM	1	12	20.10	20.33	20.30	21	0
5	16QAM	1	24	20.03	20.42	20.16		
5	16QAM	12	0	20.13	20.34	20.17		
5	16QAM	12	7	19.96	20.13	20.10	21	0
5	16QAM	12	13	20.16	20.25	20.12		
5	16QAM	25	0	20.10	20.33	20.25		
5	64QAM	1	0	20.04	20.22	20.18		
5	64QAM	1	12	20.15	20.29	20.22	21	0
5	64QAM	1	24	20.16	20.38	20.26		
5	64QAM	12	0	20.22	20.11	20.13		
5	64QAM	12	7	20.24	20.19	20.35	21	0
5	64QAM	12	13	20.06	20.26	20.14		
5	64QAM	25	0	20.03	20.31	20.07		
5	256QAM	1	0	18.09	18.29	18.25		
5	256QAM	1	12	18.20	18.44	18.24	19	2
5	256QAM	1	24	18.12	18.49	18.19		
5	256QAM	12	0	18.02	18.42	18.25		
5	256QAM	12	7	18.18	18.32	18.33	19	2
5	256QAM	12	13	18.22	18.45	18.35		
5	256QAM	25	0	18.28	18.30	18.21		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.27	20.38	20.30		
3	QPSK	1	8	20.17	20.27	20.18	21	0
3	QPSK	1	14	19.99	20.25	20.12		
3	QPSK	8	0	20.37	20.33	20.25		
3	QPSK	8	4	20.02	20.25	20.18	21	0
3	QPSK	8	7	20.03	20.31	20.25		
3	QPSK	15	0	20.19	20.34	20.21		
3	16QAM	1	0	20.11	20.33	20.30		
3	16QAM	1	8	20.10	20.31	20.37	21	0
3	16QAM	1	14	20.06	20.39	20.13		
3	16QAM	8	0	20.07	20.31	20.16		
3	16QAM	8	4	19.94	20.18	20.13	21	0
3	16QAM	8	7	20.10	20.23	20.08		
3	16QAM	15	0	20.08	20.32	20.17		
3	64QAM	1	0	20.06	20.30	20.14		
3	64QAM	1	8	20.17	20.31	20.23	21	0
3	64QAM	1	14	20.15	20.27	20.31		
3	64QAM	8	0	20.23	20.19	20.15		
3	64QAM	8	4	20.16	20.24	20.29	21	0
3	64QAM	8	7	20.03	20.24	20.21		
3	64QAM	15	0	20.04	20.23	20.14		
3	256QAM	1	0	18.01	18.30	18.23		
3	256QAM	1	8	18.21	18.47	18.24	19	2
3	256QAM	1	14	18.03	18.46	18.21		
3	256QAM	8	0	18.04	18.39	18.24		
3	256QAM	8	4	18.16	18.39	18.33	19	2
3	256QAM	8	7	18.27	18.35	18.37		
3	256QAM	15	0	18.23	18.39	18.18		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.26	20.35	20.40		
1.4	QPSK	1	3	20.12	20.22	20.12		
1.4	QPSK	1	5	19.92	20.20	20.20	21	0
1.4	QPSK	3	0	20.30	20.32	20.31		
1.4	QPSK	3	1	20.05	20.23	20.15		
1.4	QPSK	3	3	20.08	20.37	20.26		
1.4	QPSK	6	0	20.16	20.31	20.25	21	0
1.4	16QAM	1	0	20.13	20.31	20.33		
1.4	16QAM	1	3	20.17	20.33	20.28		
1.4	16QAM	1	5	20.00	20.41	20.11	21	0
1.4	16QAM	3	0	20.14	20.40	20.14		
1.4	16QAM	3	1	19.92	20.11	20.11		
1.4	16QAM	3	3	20.13	20.23	20.07		
1.4	16QAM	6	0	20.16	20.26	20.23	21	0
1.4	64QAM	1	0	20.14	20.21	20.20		
1.4	64QAM	1	3	20.12	20.30	20.28		
1.4	64QAM	1	5	20.13	20.29	20.26	21	0
1.4	64QAM	3	0	20.13	20.17	20.23		
1.4	64QAM	3	1	20.15	20.17	20.27		
1.4	64QAM	3	3	20.01	20.17	20.21		
1.4	64QAM	6	0	20.05	20.26	20.09	21	0
1.4	256QAM	1	0	18.07	18.34	18.29		
1.4	256QAM	1	3	18.27	18.52	18.26		
1.4	256QAM	1	5	18.12	18.41	18.24	19	2
1.4	256QAM	3	0	18.08	18.42	18.24		
1.4	256QAM	3	1	18.24	18.41	18.24		
1.4	256QAM	3	3	18.20	18.39	18.45		
1.4	256QAM	6	0	18.20	18.37	18.22	19	2

Band 66 Ant 4 DSI6 sig path：453

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.38	20.59	20.51		
20	QPSK	1	49	20.30	20.27	20.22	21	0
20	QPSK	1	99	20.05	20.38	20.21		
20	QPSK	50	0	20.37	20.45	20.33		
20	QPSK	50	24	20.05	20.35	20.29	21	0
20	QPSK	50	50	20.18	20.37	20.42		
20	QPSK	100	0	20.32	20.37	20.28		
20	16QAM	1	0	20.12	20.44	20.39		
20	16QAM	1	49	20.20	20.38	20.36	21	0
20	16QAM	1	99	20.08	20.45	20.20		
20	16QAM	50	0	20.09	20.56	20.30		
20	16QAM	50	24	20.12	20.25	20.26	21	0
20	16QAM	50	50	20.21	20.33	20.28		
20	16QAM	100	0	20.24	20.41	20.28		
20	64QAM	1	0	20.13	20.28	20.25		
20	64QAM	1	49	20.26	20.44	20.31	21	0
20	64QAM	1	99	20.26	20.39	20.46		
20	64QAM	50	0	20.25	20.28	20.27		
20	64QAM	50	24	20.29	20.33	20.35	21	0
20	64QAM	50	50	20.07	20.26	20.31		
20	64QAM	100	0	20.18	20.41	20.17		
20	256QAM	1	0	18.13	18.36	18.39		
20	256QAM	1	49	18.31	18.55	18.39	19	2
20	256QAM	1	99	18.22	18.54	18.34		
20	256QAM	50	0	18.22	18.50	18.30		
20	256QAM	50	24	18.31	18.49	18.36	19	2
20	256QAM	50	50	18.40	18.50	18.49		
20	256QAM	100	0	18.36	18.41	18.36		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.23	20.48	20.30		
15	QPSK	1	37	20.22	20.17	20.22	21	0
15	QPSK	1	74	19.97	20.31	20.16		
15	QPSK	36	0	20.28	20.32	20.30		
15	QPSK	36	20	19.96	20.22	20.10	21	0
15	QPSK	36	39	19.98	20.29	20.27		
15	QPSK	75	0	20.20	20.19	20.18		
15	16QAM	1	0	20.10	20.37	20.35		
15	16QAM	1	37	20.12	20.31	20.28	21	0
15	16QAM	1	74	19.90	20.36	20.12		
15	16QAM	36	0	20.02	20.38	20.17		
15	16QAM	36	20	19.98	20.20	20.14	21	0
15	16QAM	36	39	20.14	20.18	20.18		
15	16QAM	75	0	20.18	20.36	20.24		
15	64QAM	1	0	20.00	20.20	20.14		
15	64QAM	1	37	20.12	20.26	20.30	21	0
15	64QAM	1	74	20.18	20.27	20.25		
15	64QAM	36	0	20.13	20.14	20.10		
15	64QAM	36	20	20.19	20.19	20.23	21	0
15	64QAM	36	39	19.92	20.20	20.19		
15	64QAM	75	0	20.04	20.36	20.10		
15	256QAM	1	0	18.08	18.32	18.31		
15	256QAM	1	37	18.18	18.51	18.29	19	2
15	256QAM	1	74	18.18	18.44	18.27		
15	256QAM	36	0	18.02	18.47	18.21		
15	256QAM	36	20	18.20	18.36	18.33	19	2
15	256QAM	36	39	18.30	18.45	18.44		
15	256QAM	75	0	18.21	18.37	18.15		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.25	20.44	20.30		
10	QPSK	1	25	20.17	20.26	20.23	21	0
10	QPSK	1	49	19.91	20.24	20.20		
10	QPSK	25	0	20.31	20.41	20.26		
10	QPSK	25	12	19.93	20.27	20.22	21	0
10	QPSK	25	25	20.05	20.32	20.23		
10	QPSK	50	0	20.18	20.31	20.26		
10	16QAM	1	0	20.03	20.29	20.31		
10	16QAM	1	25	20.04	20.27	20.31	21	0
10	16QAM	1	49	19.90	20.41	20.09		
10	16QAM	25	0	20.04	20.44	20.19		
10	16QAM	25	12	20.03	20.16	20.21	21	0
10	16QAM	25	25	20.11	20.26	20.19		
10	16QAM	50	0	20.11	20.34	20.21		
10	64QAM	1	0	20.01	20.25	20.23		
10	64QAM	1	25	20.13	20.28	20.24	21	0
10	64QAM	1	49	20.22	20.31	20.33		
10	64QAM	25	0	20.11	20.11	20.18		
10	64QAM	25	12	20.16	20.21	20.29	21	0
10	64QAM	25	25	20.00	20.15	20.13		
10	64QAM	50	0	20.01	20.29	20.03		
10	256QAM	1	0	18.05	18.29	18.28		
10	256QAM	1	25	18.16	18.54	18.21	19	2
10	256QAM	1	49	18.13	18.45	18.25		
10	256QAM	25	0	18.06	18.38	18.19		
10	256QAM	25	12	18.23	18.42	18.27	19	2
10	256QAM	25	25	18.29	18.44	18.40		
10	256QAM	50	0	18.28	18.30	18.24		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.25	20.46	20.36		
5	QPSK	1	12	20.23	20.28	20.12	21	0
5	QPSK	1	24	19.96	20.27	20.13		
5	QPSK	12	0	20.30	20.30	20.26		
5	QPSK	12	7	19.94	20.27	20.21	21	0
5	QPSK	12	13	20.03	20.33	20.29		
5	QPSK	25	0	20.21	20.23	20.18		
5	16QAM	1	0	20.07	20.37	20.29		
5	16QAM	1	12	20.12	20.26	20.25	21	0
5	16QAM	1	24	20.01	20.40	20.14		
5	16QAM	12	0	20.00	20.39	20.14		
5	16QAM	12	7	19.97	20.22	20.17	21	0
5	16QAM	12	13	20.19	20.18	20.18		
5	16QAM	25	0	20.13	20.29	20.19		
5	64QAM	1	0	20.09	20.25	20.15		
5	64QAM	1	12	20.13	20.28	20.25	21	0
5	64QAM	1	24	20.14	20.26	20.28		
5	64QAM	12	0	20.11	20.13	20.07		
5	64QAM	12	7	20.16	20.25	20.31	21	0
5	64QAM	12	13	19.99	20.24	20.15		
5	64QAM	25	0	20.06	20.36	20.09		
5	256QAM	1	0	18.04	18.28	18.21		
5	256QAM	1	12	18.18	18.55	18.26	19	2
5	256QAM	1	24	18.10	18.40	18.25		
5	256QAM	12	0	18.08	18.47	18.25		
5	256QAM	12	7	18.20	18.38	18.30	19	2
5	256QAM	12	13	18.24	18.49	18.43		
5	256QAM	25	0	18.20	18.36	18.22		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.26	20.45	20.30		
3	QPSK	1	8	20.14	20.27	20.24	21	0
3	QPSK	1	14	19.95	20.32	20.11		
3	QPSK	8	0	20.33	20.31	20.28		
3	QPSK	8	4	19.96	20.31	20.16	21	0
3	QPSK	8	7	20.06	20.29	20.25		
3	QPSK	15	0	20.19	20.29	20.26		
3	16QAM	1	0	20.03	20.34	20.30		
3	16QAM	1	8	20.04	20.22	20.34	21	0
3	16QAM	1	14	19.99	20.33	20.16		
3	16QAM	8	0	20.10	20.43	20.18		
3	16QAM	8	4	20.00	20.25	20.10	21	0
3	16QAM	8	7	20.13	20.20	20.17		
3	16QAM	15	0	20.21	20.26	20.13		
3	64QAM	1	0	20.09	20.22	20.14		
3	64QAM	1	8	20.15	20.28	20.23	21	0
3	64QAM	1	14	20.14	20.26	20.35		
3	64QAM	8	0	20.13	20.12	20.14		
3	64QAM	8	4	20.23	20.23	20.22	21	0
3	64QAM	8	7	20.02	20.17	20.12		
3	64QAM	15	0	20.05	20.31	20.10		
3	256QAM	1	0	18.09	18.26	18.23		
3	256QAM	1	8	18.24	18.51	18.20	19	2
3	256QAM	1	14	18.16	18.39	18.23		
3	256QAM	8	0	18.06	18.38	18.26		
3	256QAM	8	4	18.20	18.38	18.26	19	2
3	256QAM	8	7	18.31	18.42	18.43		
3	256QAM	15	0	18.30	18.35	18.20		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.30	20.43	20.32		
1.4	QPSK	1	3	20.15	20.23	20.12		
1.4	QPSK	1	5	19.96	20.34	20.12	21	0
1.4	QPSK	3	0	20.36	20.38	20.32		
1.4	QPSK	3	1	19.94	20.29	20.10		
1.4	QPSK	3	3	20.08	20.26	20.29		
1.4	QPSK	6	0	20.21	20.22	20.27	21	0
1.4	16QAM	1	0	20.12	20.30	20.29		
1.4	16QAM	1	3	20.11	20.23	20.33		
1.4	16QAM	1	5	19.93	20.36	20.13	21	0
1.4	16QAM	3	0	20.00	20.48	20.11		
1.4	16QAM	3	1	19.94	20.20	20.10		
1.4	16QAM	3	3	20.13	20.28	20.10		
1.4	16QAM	6	0	20.15	20.30	20.20	21	0
1.4	64QAM	1	0	19.98	20.20	20.12		
1.4	64QAM	1	3	20.08	20.26	20.29		
1.4	64QAM	1	5	20.17	20.28	20.28	21	0
1.4	64QAM	3	0	20.20	20.17	20.08		
1.4	64QAM	3	1	20.23	20.26	20.22		
1.4	64QAM	3	3	19.94	20.19	20.12		
1.4	64QAM	6	0	19.99	20.31	20.06	21	0
1.4	256QAM	1	0	18.00	18.28	18.23		
1.4	256QAM	1	3	18.23	18.52	18.23		
1.4	256QAM	1	5	18.20	18.42	18.25	19	2
1.4	256QAM	3	0	18.01	18.48	18.18		
1.4	256QAM	3	1	18.21	18.36	18.31		
1.4	256QAM	3	3	18.25	18.40	18.42		
1.4	256QAM	6	0	18.29	18.36	18.17	19	2

Reduced Power Mode for Other PA DSI6 UL CA

Band 2 Ant 0 DSI6 sig path：44

BW [MHz]	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	15.72	15.84	15.76	16.5	0
20	QPSK	1	49	15.45	15.60	15.56		
20	QPSK	1	99	15.41	15.69	15.66		
20	QPSK	50	0	15.78	15.81	15.72	16.5	0
20	QPSK	50	24	15.44	15.72	15.63		
20	QPSK	50	50	15.58	15.62	15.69		
20	QPSK	100	0	15.62	15.78	15.75		
20	16QAM	1	0	15.51	15.71	15.59	16.5	0
20	16QAM	1	49	15.56	15.65	15.71		
20	16QAM	1	99	15.62	15.69	15.72		
20	16QAM	50	0	15.50	15.68	15.69	16.5	0
20	16QAM	50	24	15.49	15.70	15.67		
20	16QAM	50	50	15.59	15.60	15.74		
20	16QAM	100	0	15.46	15.63	15.72		
20	64QAM	1	0	15.51	15.71	15.66	16.5	0
20	64QAM	1	49	15.60	15.61	15.69		
20	64QAM	1	99	15.41	15.70	15.61		
20	64QAM	50	0	15.46	15.64	15.58	16.5	0
20	64QAM	50	24	15.53	15.75	15.53		
20	64QAM	50	50	15.47	15.73	15.60		
20	64QAM	100	0	15.55	15.59	15.77		
20	256QAM	1	0	15.60	15.69	15.54	16.5	0
20	256QAM	1	49	15.46	15.73	15.75		
20	256QAM	1	99	15.46	15.77	15.61		
20	256QAM	50	0	15.55	15.59	15.63	16.5	0
20	256QAM	50	24	15.39	15.73	15.66		
20	256QAM	50	50	15.57	15.55	15.66		
20	256QAM	100	0	15.39	15.62	15.65		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.47	15.66	15.62	16.5	0
15	QPSK	1	37	15.53	15.73	15.66		
15	QPSK	1	74	15.60	15.56	15.66		
15	QPSK	36	0	15.48	15.65	15.61	16.5	0
15	QPSK	36	20	15.60	15.69	15.74		
15	QPSK	36	39	15.50	15.55	15.57		
15	QPSK	75	0	15.56	15.55	15.59		
15	16QAM	1	0	15.57	15.75	15.73	16.5	0
15	16QAM	1	37	15.50	15.78	15.59		
15	16QAM	1	74	15.60	15.56	15.61		
15	16QAM	36	0	15.42	15.67	15.61	16.5	0
15	16QAM	36	20	15.44	15.77	15.62		
15	16QAM	36	39	15.50	15.68	15.68		
15	16QAM	75	0	15.47	15.76	15.64		
15	64QAM	1	0	15.62	15.57	15.53	16.5	0
15	64QAM	1	37	15.59	15.60	15.64		
15	64QAM	1	74	15.40	15.57	15.71		
15	64QAM	36	0	15.59	15.75	15.74	16.5	0
15	64QAM	36	20	15.43	15.67	15.60		
15	64QAM	36	39	15.61	15.72	15.83		
15	64QAM	75	0	15.60	15.69	15.61		
15	256QAM	1	0	15.41	15.69	15.58	16.5	0
15	256QAM	1	37	15.47	15.60	15.67		
15	256QAM	1	74	15.42	15.76	15.60		
15	256QAM	36	0	15.48	15.66	15.75	16.5	0
15	256QAM	36	20	15.42	15.71	15.55		
15	256QAM	36	39	15.55	15.76	15.76		
15	256QAM	75	0	15.57	15.73	15.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.52	15.56	15.67	16.5	0
10	QPSK	1	25	15.56	15.69	15.63		
10	QPSK	1	49	15.47	15.68	15.55		
10	QPSK	25	0	15.46	15.66	15.62	16.5	0
10	QPSK	25	12	15.61	15.74	15.67		
10	QPSK	25	25	15.41	15.75	15.77		
10	QPSK	50	0	15.40	15.67	15.69	16.5	0
10	16QAM	1	0	15.62	15.77	15.64		
10	16QAM	1	25	15.55	15.65	15.74		
10	16QAM	1	49	15.54	15.55	15.61		
10	16QAM	25	0	15.62	15.65	15.70	16.5	0
10	16QAM	25	12	15.44	15.75	15.75		
10	16QAM	25	25	15.39	15.68	15.54		
10	16QAM	50	0	15.44	15.59	15.56	16.5	0
10	64QAM	1	0	15.54	15.74	15.57		
10	64QAM	1	25	15.63	15.61	15.68		
10	64QAM	1	49	15.55	15.71	15.54		
10	64QAM	25	0	15.60	15.69	15.57	16.5	0
10	64QAM	25	12	15.49	15.74	15.75		
10	64QAM	25	25	15.50	15.63	15.76		
10	64QAM	50	0	15.57	15.65	15.69		
10	256QAM	1	0	15.56	15.54	15.77	16.5	0
10	256QAM	1	25	15.42	15.75	15.69		
10	256QAM	1	49	15.50	15.75	15.60		
10	256QAM	25	0	15.39	15.55	15.63	16.5	0
10	256QAM	25	12	15.51	15.68	15.76		
10	256QAM	25	25	15.48	15.68	15.70		
10	256QAM	50	0	15.42	15.68	15.68		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.56	15.63	15.62	16.5	0
5	QPSK	1	12	15.54	15.75	15.68		
5	QPSK	1	24	15.47	15.62	15.72		
5	QPSK	12	0	15.55	15.63	15.67	16.5	0
5	QPSK	12	7	15.43	15.77	15.70		
5	QPSK	12	13	15.61	15.60	15.73		
5	QPSK	25	0	15.63	15.75	15.75		
5	16QAM	1	0	15.60	15.66	15.65	16.5	0
5	16QAM	1	12	15.45	15.74	15.58		
5	16QAM	1	24	15.51	15.59	15.56		
5	16QAM	12	0	15.50	15.56	15.63	16.5	0
5	16QAM	12	7	15.47	15.77	15.57		
5	16QAM	12	13	15.55	15.59	15.63		
5	16QAM	25	0	15.42	15.56	15.72		
5	64QAM	1	0	15.41	15.61	15.72	16.5	0
5	64QAM	1	12	15.52	15.63	15.56		
5	64QAM	1	24	15.54	15.74	15.55		
5	64QAM	12	0	15.56	15.77	15.68	16.5	0
5	64QAM	12	7	15.47	15.66	15.69		
5	64QAM	12	13	15.42	15.71	15.54		
5	64QAM	25	0	15.63	15.75	15.74		
5	256QAM	1	0	15.55	15.62	15.76	16.5	0
5	256QAM	1	12	15.44	15.68	15.73		
5	256QAM	1	24	15.63	15.61	15.54		
5	256QAM	12	0	15.48	15.68	15.77	16.5	0
5	256QAM	12	7	15.44	15.62	15.75		
5	256QAM	12	13	15.50	15.63	15.68		
5	256QAM	25	0	15.45	15.60	15.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.56	15.55	15.58	16.5	0
3	QPSK	1	8	15.62	15.77	15.68		
3	QPSK	1	14	15.61	15.70	15.77		
3	QPSK	8	0	15.53	15.68	15.73	16.5	0
3	QPSK	8	4	15.57	15.71	15.74		
3	QPSK	8	7	15.50	15.60	15.59		
3	QPSK	15	0	15.48	15.58	15.55		
3	16QAM	1	0	15.39	15.64	15.61	16.5	0
3	16QAM	1	8	15.51	15.71	15.71		
3	16QAM	1	14	15.53	15.76	15.62		
3	16QAM	8	0	15.48	15.70	15.67	16.5	0
3	16QAM	8	4	15.60	15.59	15.63		
3	16QAM	8	7	15.60	15.56	15.75		
3	16QAM	15	0	15.53	15.77	15.63		
3	64QAM	1	0	15.52	15.73	15.57	16.5	0
3	64QAM	1	8	15.62	15.63	15.74		
3	64QAM	1	14	15.60	15.66	15.55		
3	64QAM	8	0	15.58	15.62	15.58	16.5	0
3	64QAM	8	4	15.53	15.76	15.56		
3	64QAM	8	7	15.60	15.63	15.77		
3	64QAM	15	0	15.62	15.56	15.59		
3	256QAM	1	0	15.51	15.59	15.61	16.5	0
3	256QAM	1	8	15.52	15.63	15.70		
3	256QAM	1	14	15.58	15.66	15.54		
3	256QAM	8	0	15.53	15.68	15.70	16.5	0
3	256QAM	8	4	15.52	15.77	15.66		
3	256QAM	8	7	15.60	15.56	15.72		
3	256QAM	15	0	15.63	15.70	15.70		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.61	15.72	15.74	16.5	0
1.4	QPSK	1	3	15.60	15.72	15.63		
1.4	QPSK	1	5	15.60	15.62	15.56		
1.4	QPSK	3	0	15.51	15.78	15.75		
1.4	QPSK	3	1	15.62	15.58	15.74		
1.4	QPSK	3	3	15.56	15.70	15.57		
1.4	QPSK	6	0	15.40	15.73	15.75	16.5	0
1.4	16QAM	1	0	15.63	15.69	15.68	16.5	0
1.4	16QAM	1	3	15.58	15.58	15.70		
1.4	16QAM	1	5	15.44	15.62	15.66		
1.4	16QAM	3	0	15.42	15.62	15.67		
1.4	16QAM	3	1	15.52	15.69	15.76		
1.4	16QAM	3	3	15.61	15.72	15.57		
1.4	16QAM	6	0	15.43	15.56	15.74	16.5	0
1.4	64QAM	1	0	15.48	15.78	15.65	16.5	0
1.4	64QAM	1	3	15.51	15.75	15.62		
1.4	64QAM	1	5	15.61	15.67	15.67		
1.4	64QAM	3	0	15.51	15.63	15.59		
1.4	64QAM	3	1	15.51	15.68	15.67		
1.4	64QAM	3	3	15.40	15.75	15.70		
1.4	64QAM	6	0	15.50	15.72	15.61	16.5	0
1.4	256QAM	1	0	15.41	15.56	15.58	16.5	0
1.4	256QAM	1	3	15.58	15.59	15.58		
1.4	256QAM	1	5	15.46	15.55	15.57		
1.4	256QAM	3	0	15.55	15.61	15.69		
1.4	256QAM	3	1	15.63	15.76	15.71		
1.4	256QAM	3	3	15.45	15.63	15.76		
1.4	256QAM	6	0	15.41	15.68	15.65	16.5	0

Band 2 Ant 0 DSI6 sig path：456

BW [MHz]	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	15.82	15.71	15.67	16.5	0
20	QPSK	1	49	15.41	15.62	15.51		
20	QPSK	1	99	15.42	15.69	15.44		
20	QPSK	50	0	15.58	15.68	15.62	16.5	0
20	QPSK	50	24	15.53	15.53	15.48		
20	QPSK	50	50	15.36	15.59	15.38		
20	QPSK	100	0	15.56	15.58	15.46		
20	16QAM	1	0	15.49	15.53	15.60	16.5	0
20	16QAM	1	49	15.38	15.55	15.54		
20	16QAM	1	99	15.38	15.66	15.47		
20	16QAM	50	0	15.47	15.68	15.51	16.5	0
20	16QAM	50	24	15.50	15.62	15.57		
20	16QAM	50	50	15.52	15.52	15.43		
20	16QAM	100	0	15.55	15.64	15.54		
20	64QAM	1	0	15.55	15.63	15.49	16.5	0
20	64QAM	1	49	15.40	15.50	15.53		
20	64QAM	1	99	15.50	15.56	15.39		
20	64QAM	50	0	15.54	15.65	15.52	16.5	0
20	64QAM	50	24	15.51	15.56	15.45		
20	64QAM	50	50	15.39	15.65	15.53		
20	64QAM	100	0	15.39	15.62	15.52		
20	256QAM	1	0	15.43	15.66	15.56	16.5	0
20	256QAM	1	49	15.47	15.58	15.56		
20	256QAM	1	99	15.52	15.68	15.48		
20	256QAM	50	0	15.43	15.64	15.61	16.5	0
20	256QAM	50	24	15.55	15.48	15.44		
20	256QAM	50	50	15.52	15.63	15.58		
20	256QAM	100	0	15.45	15.48	15.45		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.42	15.66	15.53	16.5	0
15	QPSK	1	37	15.34	15.62	15.43		
15	QPSK	1	74	15.45	15.51	15.34		
15	QPSK	36	0	15.42	15.51	15.50	16.5	0
15	QPSK	36	20	15.50	15.62	15.50		
15	QPSK	36	39	15.50	15.51	15.38		
15	QPSK	75	0	15.41	15.50	15.43		
15	16QAM	1	0	15.52	15.46	15.53	16.5	0
15	16QAM	1	37	15.52	15.65	15.36		
15	16QAM	1	74	15.47	15.52	15.49		
15	16QAM	36	0	15.43	15.47	15.49	16.5	0
15	16QAM	36	20	15.55	15.64	15.38		
15	16QAM	36	39	15.38	15.45	15.47		
15	16QAM	75	0	15.36	15.48	15.36		
15	64QAM	1	0	15.49	15.45	15.40	16.5	0
15	64QAM	1	37	15.42	15.57	15.54		
15	64QAM	1	74	15.38	15.46	15.57		
15	64QAM	36	0	15.53	15.58	15.43	16.5	0
15	64QAM	36	20	15.37	15.66	15.38		
15	64QAM	36	39	15.35	15.46	15.38		
15	64QAM	75	0	15.51	15.66	15.54		
15	256QAM	1	0	15.46	15.52	15.38	16.5	0
15	256QAM	1	37	15.39	15.66	15.42		
15	256QAM	1	74	15.35	15.68	15.51		
15	256QAM	36	0	15.41	15.62	15.44	16.5	0
15	256QAM	36	20	15.37	15.49	15.38		
15	256QAM	36	39	15.52	15.48	15.54		
15	256QAM	75	0	15.34	15.67	15.45		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.34	15.55	15.51	16.5	0
10	QPSK	1	25	15.50	15.66	15.43		
10	QPSK	1	49	15.35	15.52	15.41		
10	QPSK	25	0	15.39	15.63	15.43	16.5	0
10	QPSK	25	12	15.48	15.49	15.50		
10	QPSK	25	25	15.52	15.49	15.41		
10	QPSK	50	0	15.54	15.64	15.49	16.5	0
10	16QAM	1	0	15.36	15.59	15.41		
10	16QAM	1	25	15.40	15.46	15.46		
10	16QAM	1	49	15.53	15.57	15.48		
10	16QAM	25	0	15.39	15.59	15.40	16.5	0
10	16QAM	25	12	15.51	15.65	15.38		
10	16QAM	25	25	15.34	15.48	15.54		
10	16QAM	50	0	15.34	15.56	15.52	16.5	0
10	64QAM	1	0	15.43	15.56	15.43		
10	64QAM	1	25	15.49	15.53	15.45		
10	64QAM	1	49	15.47	15.66	15.51	16.5	0
10	64QAM	25	0	15.40	15.45	15.51		
10	64QAM	25	12	15.34	15.63	15.46		
10	64QAM	25	25	15.40	15.49	15.57		
10	64QAM	50	0	15.52	15.66	15.55	16.5	0
10	256QAM	1	0	15.45	15.56	15.42		
10	256QAM	1	25	15.48	15.45	15.54		
10	256QAM	1	49	15.37	15.48	15.43		
10	256QAM	25	0	15.46	15.49	15.53	16.5	0
10	256QAM	25	12	15.50	15.61	15.35		
10	256QAM	25	25	15.39	15.50	15.39		
10	256QAM	50	0	15.35	15.65	15.54		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.53	15.59	15.43	16.5	0
5	QPSK	1	12	15.40	15.54	15.52		
5	QPSK	1	24	15.47	15.66	15.56		
5	QPSK	12	0	15.44	15.67	15.48	16.5	0
5	QPSK	12	7	15.40	15.54	15.50		
5	QPSK	12	13	15.52	15.67	15.44		
5	QPSK	25	0	15.51	15.53	15.52		
5	16QAM	1	0	15.42	15.49	15.49	16.5	0
5	16QAM	1	12	15.34	15.61	15.47		
5	16QAM	1	24	15.41	15.54	15.37		
5	16QAM	12	0	15.47	15.45	15.54	16.5	0
5	16QAM	12	7	15.34	15.62	15.37		
5	16QAM	12	13	15.44	15.54	15.50		
5	16QAM	25	0	15.50	15.67	15.39		
5	64QAM	1	0	15.35	15.63	15.35	16.5	0
5	64QAM	1	12	15.49	15.54	15.41		
5	64QAM	1	24	15.39	15.52	15.38		
5	64QAM	12	0	15.49	15.53	15.55	16.5	0
5	64QAM	12	7	15.31	15.56	15.41		
5	64QAM	12	13	15.48	15.55	15.42		
5	64QAM	25	0	15.31	15.54	15.44		
5	256QAM	1	0	15.47	15.52	15.34	16.5	0
5	256QAM	1	12	15.42	15.52	15.53		
5	256QAM	1	24	15.39	15.62	15.50		
5	256QAM	12	0	15.47	15.64	15.47	16.5	0
5	256QAM	12	7	15.53	15.45	15.39		
5	256QAM	12	13	15.50	15.65	15.54		
5	256QAM	25	0	15.33	15.52	15.47		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.47	15.46	15.43	16.5	0
3	QPSK	1	8	15.54	15.47	15.43		
3	QPSK	1	14	15.32	15.50	15.35		
3	QPSK	8	0	15.46	15.64	15.41	16.5	0
3	QPSK	8	4	15.33	15.51	15.42		
3	QPSK	8	7	15.33	15.62	15.40		
3	QPSK	15	0	15.40	15.63	15.38		
3	16QAM	1	0	15.48	15.48	15.42	16.5	0
3	16QAM	1	8	15.45	15.48	15.39		
3	16QAM	1	14	15.40	15.50	15.40		
3	16QAM	8	0	15.47	15.68	15.35	16.5	0
3	16QAM	8	4	15.41	15.58	15.44		
3	16QAM	8	7	15.45	15.48	15.45		
3	16QAM	15	0	15.48	15.53	15.51		
3	64QAM	1	0	15.43	15.65	15.46	16.5	0
3	64QAM	1	8	15.45	15.62	15.35		
3	64QAM	1	14	15.37	15.52	15.34		
3	64QAM	8	0	15.37	15.50	15.40	16.5	0
3	64QAM	8	4	15.55	15.46	15.39		
3	64QAM	8	7	15.49	15.60	15.55		
3	64QAM	15	0	15.31	15.58	15.54	16.5	0
3	256QAM	1	0	15.44	15.54	15.51		
3	256QAM	1	8	15.34	15.59	15.44		
3	256QAM	1	14	15.44	15.46	15.53		
3	256QAM	8	0	15.33	15.54	15.43	16.5	0
3	256QAM	8	4	15.45	15.62	15.40		
3	256QAM	8	7	15.31	15.49	15.45		
3	256QAM	15	0	15.38	15.48	15.41		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.32	15.53	15.40	16.5	0
1.4	QPSK	1	3	15.43	15.46	15.36		
1.4	QPSK	1	5	15.39	15.46	15.47		
1.4	QPSK	3	0	15.43	15.49	15.39		
1.4	QPSK	3	1	15.49	15.66	15.42		
1.4	QPSK	3	3	15.54	15.67	15.52		
1.4	QPSK	6	0	15.37	15.53	15.44	16.5	0
1.4	16QAM	1	0	15.45	15.48	15.50	16.5	0
1.4	16QAM	1	3	15.44	15.46	15.40		
1.4	16QAM	1	5	15.47	15.58	15.51		
1.4	16QAM	3	0	15.44	15.60	15.51		
1.4	16QAM	3	1	15.33	15.44	15.46		
1.4	16QAM	3	3	15.43	15.50	15.37		
1.4	16QAM	6	0	15.37	15.45	15.39	16.5	0
1.4	64QAM	1	0	15.39	15.46	15.35	16.5	0
1.4	64QAM	1	3	15.31	15.46	15.44		
1.4	64QAM	1	5	15.43	15.60	15.40		
1.4	64QAM	3	0	15.43	15.58	15.35		
1.4	64QAM	3	1	15.49	15.57	15.53		
1.4	64QAM	3	3	15.54	15.66	15.39		
1.4	64QAM	6	0	15.44	15.52	15.47	16.5	0
1.4	256QAM	1	0	15.43	15.46	15.56	16.5	0
1.4	256QAM	1	3	15.49	15.51	15.53		
1.4	256QAM	1	5	15.42	15.65	15.42		
1.4	256QAM	3	0	15.44	15.44	15.35		
1.4	256QAM	3	1	15.38	15.63	15.53		
1.4	256QAM	3	3	15.44	15.63	15.35		
1.4	256QAM	6	0	15.49	15.62	15.35	16.5	0

Band 4 Ant 0 DSI6 sig path：69

BW [MHz]	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	17.66	17.75	17.71	18.5	0
20	QPSK	1	49	17.62	17.53	17.59		
20	QPSK	1	99	17.57	17.63	17.46		
20	QPSK	50	0	17.68	17.71	17.63	18.5	0
20	QPSK	50	24	17.47	17.65	17.47		
20	QPSK	50	50	17.49	17.67	17.40		
20	QPSK	100	0	17.58	17.60	17.52		
20	16QAM	1	0	17.43	17.60	17.59	18.5	0
20	16QAM	1

Band 4 Ant 0 DSI6 sig path：452

BW [MHz]	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	17.66	17.72	17.63		
20	QPSK	1	49	17.53	17.64	17.40	18.5	0
20	QPSK	1	99	17.50	17.48	17.47		
20	QPSK	50	0	17.58	17.68	17.63		
20	QPSK	50	24	17.41	17.64	17.42	18.5	0
20	QPSK	50	50	17.53	17.51	17.44		
20	QPSK	100	0	17.52	17.63	17.57		
20	16QAM	1	0	17.41	17.50	17.47		
20	16QAM	1	49	17.39	17.56	17.44	18.5	0
20	16QAM	1	99	17.59	17.61	17.58		
20	16QAM	50	0	17.52	17.50	17.46		
20	16QAM	50	24	17.50	17.71	17.43	18.5	0
20	16QAM	50	50	17.53	17.54	17.54		
20	16QAM	100	0	17.59	17.67	17.45		
20	64QAM	1	0	17.48	17.54	17.54		
20	64QAM	1	49	17.39	17.54	17.40	18.5	0
20	64QAM	1	99	17.49	17.59	17.40		
20	64QAM	50	0	17.39	17.52	17.40		
20	64QAM	50	24	17.45	17.70	17.49	18.5	0
20	64QAM	50	50	17.38	17.61	17.48		
20	64QAM	100	0	17.47	17.69	17.51		
20	256QAM	1	0	17.21	17.17	17.00		
20	256QAM	1	49	17.02	17.19	17.24	18	0.5
20	256QAM	1	99	17.10	17.23	16.95		
20	256QAM	50	0	17.31	17.25	17.44		
20	256QAM	50	24	17.16	17.28	17.18	18	0.5
20	256QAM	50	50	17.21	17.24	17.20		
20	256QAM	100	0	17.07	17.24	17.08		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.32	17.40	17.37		
15	QPSK	1	37	17.50	17.55	17.54	18.5	0
15	QPSK	1	74	17.53	17.52	17.49		
15	QPSK	36	0	17.45	17.57	17.31		
15	QPSK	36	20	17.54	17.59	17.47	18.5	0
15	QPSK	36	39	17.41	17.41	17.47		
15	QPSK	75	0	17.40	17.40	17.44		
15	16QAM	1	0	17.47	17.55	17.53		
15	16QAM	1	37	17.36	17.41	17.39	18.5	0
15	16QAM	1	74	17.47	17.51	17.47		
15	16QAM	36	0	17.41	17.50	17.49		
15	16QAM	36	20	17.35	17.41	17.35	18.5	0
15	16QAM	36	39	17.31	17.40	17.41		
15	16QAM	75	0	17.47	17.55	17.53		
15	64QAM	1	0	17.30	17.44	17.35		
15	64QAM	1	37	17.34	17.52	17.34	18.5	0
15	64QAM	1	74	17.50	17.48	17.44		
15	64QAM	36	0	17.50	17.40	17.50		
15	64QAM	36	20	17.37	17.56	17.47	18.5	0
15	64QAM	36	39	17.32	17.43	17.47		
15	64QAM	75	0	17.38	17.51	17.42		
15	256QAM	1	0	17.17	17.20	16.98		
15	256QAM	1	37	17.05	17.16	17.21	18	0.5
15	256QAM	1	74	17.01	17.17	17.02		
15	256QAM	36	0	17.25	17.27	17.38		
15	256QAM	36	20	17.12	17.15	17.11	18	0.5
15	256QAM	36	39	17.26	17.26	17.11		
15	256QAM	75	0	17.01	17.16	16.99		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.49	17.40	17.41		
10	QPSK	1	25	17.44	17.55	17.32	18.5	0
10	QPSK	1	49	17.43	17.59	17.34		
10	QPSK	25	0	17.35	17.39	17.42		
10	QPSK	25	12	17.48	17.53	17.46	18.5	0
10	QPSK	25	25	17.41	17.51	17.52		
10	QPSK	50	0	17.52	17.45	17.53		
10	16QAM	1	0	17.35	17.41	17.50		
10	16QAM	1	25	17.32	17.59	17.45	18.5	0
10	16QAM	1	49	17.50	17.41	17.41		
10	16QAM	25	0	17.50	17.52	17.42		
10	16QAM	25	12	17.46	17.58	17.45	18.5	0
10	16QAM	25	25	17.35	17.42	17.36		
10	16QAM	50	0	17.46	17.61	17.53		
10	64QAM	1	0	17.51	17.46	17.34		
10	64QAM	1	25	17.45	17.49	17.46	18.5	0
10	64QAM	1	49	17.40	17.49	17.35		
10	64QAM	25	0	17.48	17.55	17.43		
10	64QAM	25	12	17.51	17.45	17.36	18.5	0
10	64QAM	25	25	17.49	17.46	17.52		
10	64QAM	50	0	17.34	17.48	17.52		
10	256QAM	1	0	17.17	17.20	17.02		
10	256QAM	1	25	16.98	17.26	17.15	18	0.5
10	256QAM	1	49	17.04	17.22	17.02		
10	256QAM	25	0	17.24	17.32	17.27		
10	256QAM	25	12	16.99	17.20	17.04	18	0.5
10	256QAM	25	25	17.26	17.21	17.26		
10	256QAM	50	0	17.08	17.21	17.03		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.30	17.49	17.52		
5	QPSK	1	12	17.46	17.50	17.50	18.5	0
5	QPSK	1	24	17.49	17.44	17.41		
5	QPSK	12	0	17.45	17.63	17.51		
5	QPSK	12	7	17.36	17.42	17.36	18.5	0
5	QPSK	12	13	17.36	17.60	17.39		
5	QPSK	25	0	17.52	17.48	17.53		
5	16QAM	1	0	17.47	17.61	17.34		
5	16QAM	1	12	17.32	17.51	17.53	18.5	0
5	16QAM	1	24	17.32	17.49	17.50		
5	16QAM	12	0	17.48	17.47	17.46		
5	16QAM	12	7	17.45	17.53	17.44	18.5	0
5	16QAM	12	13	17.47	17.54	17.35		
5	16QAM	25	0	17.48	17.47	17.50		
5	64QAM	1	0	17.37	17.49	17.40		
5	64QAM	1	12	17.38	17.60	17.37	18.5	0
5	64QAM	1	24	17.31	17.51	17.36		
5	64QAM	12	0	17.53	17.57	17.53		
5	64QAM	12	7	17.41	17.54	17.36	18.5	0
5	64QAM	12	13	17.34	17.48	17.51		
5	64QAM	25	0	17.36	17.47	17.40		
5	256QAM	1	0	17.18	17.28	16.99		
5	256QAM	1	12	16.97	17.24	17.15	18	0.5
5	256QAM	1	24	17.13	17.20	17.07		
5	256QAM	12	0	17.31	17.27	17.41		
5	256QAM	12	7	17.06	17.25	17.04	18	0.5
5	256QAM	12	13	17.24	17.29	17.13		
5	256QAM	25	0	17.12	17.22	17.08		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.32	17.60	17.43		
3	QPSK	1	8	17.35	17.42	17.32	18.5	0
3	QPSK	1	14	17.32	17.52	17.44		
3	QPSK	8	0	17.32	17.60	17.54		
3	QPSK	8	4	17.38	17.46	17.31	18.5	0
3	QPSK	8	7	17.36	17.47	17.52		
3	QPSK	15	0	17.39	17.48	17.34		
3	16QAM	1	0	17.46	17.63	17.35		
3	16QAM	1	8	17.38	17.55	17.38	18.5	0
3	16QAM	1	14	17.34	17.56	17.52		
3	16QAM	8	0	17.53	17.56	17.46		
3	16QAM	8	4	17.44	17.62	17.38	18.5	0
3	16QAM	8	7	17.49	17.47	17.50		
3	16QAM	15	0	17.32	17.63	17.47		
3	64QAM	1	0	17.31	17.44	17.39		
3	64QAM	1	8	17.40	17.59	17.50	18.5	0
3	64QAM	1	14	17.31	17.60	17.36		
3	64QAM	8	0	17.51	17.41	17.38		
3	64QAM	8	4	17.38	17.62	17.32	18.5	0
3	64QAM	8	7	17.45	17.43	17.41		
3	64QAM	15	0	17.52	17.42	17.52		
3	256QAM	1	0	17.20	17.25	16.98		
3	256QAM	1	8	17.09	17.16	17.13	18	0.5
3	256QAM	1	14	17.12	17.19	16.93		
3	256QAM	8	0	17.31	17.32	17.26		
3	256QAM	8	4	17.03	17.27	17.09	18	0.5
3	256QAM	8	7	17.13	17.17	17.13		
3	256QAM	15	0	17.02	17.23	16.94		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.53	17.47	17.54		
1.4	QPSK	1	3	17.41	17.58	17.38		
1.4	QPSK	1	5	17.42	17.49	17.38	18.5	0
1.4	QPSK	3	0	17.52	17.49	17.46		
1.4	QPSK	3	1	17.31	17.58	17.42		
1.4	QPSK	3	3	17.32	17.49	17.43		
1.4	QPSK	6	0	17.53	17.49	17.33	18.5	0
1.4	16QAM	1	0	17.31	17.58	17.42		
1.4	16QAM	1	3	17.32	17.62	17.52		
1.4	16QAM	1	5	17.51	17.62	17.32	18.5	0
1.4	16QAM	3	0	17.38	17.52	17.33		
1.4	16QAM	3	1	17.46	17.59	17.48		
1.4	16QAM	3	3	17.38	17.56	17.45		
1.4	16QAM	6	0	17.41	17.42	17.37	18.5	0
1.4	64QAM	1	0	17.31	17.53	17.51		
1.4	64QAM	1	3	17.52	17.40	17.43		
1.4	64QAM	1	5	17.45	17.52	17.48	18.5	0
1.4	64QAM	3	0	17.37	17.59	17.47		
1.4	64QAM	3	1	17.44	17.56	17.32		
1.4	64QAM	3	3	17.47	17.50	17.47		
1.4	64QAM	6	0	17.44	17.52	17.35	18.5	0
1.4	256QAM	1	0	17.12	17.08	17.05		
1.4	256QAM	1	3	16.98	17.13	17.22		
1.4	256QAM	1	5	17.00	17.13	17.08	18	0.5
1.4	256QAM	3	0	17.36	17.20	17.31		
1.4	256QAM	3	1	17.02	17.34	17.25		
1.4	256QAM	3	3	17.15	17.31	17.10		
1.4	256QAM	6	0	16.95	17.24	17.00	18	0.5

Band 66 Ant 0 DSI6 sig path：70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.71	17.81	17.75		
20	QPSK	1	49	17.68	17.66	17.58	18.5	0
20	QPSK	1	99	17.62	17.80	17.72		
20	QPSK	50	0	17.72	17.75	17.68		
20	QPSK	50	24	17.61	17.67	17.66	18.5	0
20	QPSK	50	50	17.60	17.69	17.73		
20	QPSK	100	0	17.67	17.72	17.62		
20	16QAM	1	0	17.77	17.66	17.58		
20	16QAM	1	49	17.75	17.75	17.76	18.5	0
20	16QAM	1	99	17.78	17.64	17.78		
20	16QAM	50	0	17.73	17.58	17.71		
20	16QAM	50	24	17.76	17.66	17.62	18.5	0
20	16QAM	50	50	17.76	17.64	17.65		
20	16QAM	100	0	17.61	17.60	17.78		
20	64QAM	1	0	17.59	17.60	17.73		
20	64QAM	1	49	17.57	17.58	17.69	18.5	0
20	64QAM	1	99	17.76	17.66	17.73		
20	64QAM	50	0	17.76	17.59	17.71		
20	64QAM	50	24	17.74	17.63	17.61	18.5	0
20	64QAM	50	50	17.79	17.78	17.68		
20	64QAM	100	0	17.56	17.64	17.66		
20	256QAM	1	0	17.35	17.27	16.96		
20	256QAM	1	49	17.13	17.21	17.12	18	0.5
20	256QAM	1	99	17.20	17.29	16.91		
20	256QAM	50	0	17.38	17.36	17.17		
20	256QAM	50	24	17.18	17.33	16.96	18	0.5
20	256QAM	50	50	17.19	17.29	16.98		
20	256QAM	100	0	17.15	17.35	16.87		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.51	17.71	17.66		
15	QPSK	1	37	17.56	17.84	17.64	18.5	0
15	QPSK	1	74	17.72	17.55	17.54		
15	QPSK	36	0	17.63	17.75	17.65		
15	QPSK	36	20	17.58	17.80	17.58	18.5	0
15	QPSK	36	39	17.67	17.65	17.48		
15	QPSK	75	0	17.69	17.71	17.56		
15	16QAM	1	0	17.54	17.56	17.60		
15	16QAM	1	37	17.59	17.64	17.72	18.5	0
15	16QAM	1	74	17.59	17.76	17.55		
15	16QAM	36	0	17.69	17.73	17.56		
15	16QAM	36	20	17.68	17.76	17.71	18.5	0
15	16QAM	36	39	17.66	17.61	17.48		
15	16QAM	75	0	17.52	17.59	17.63		
15	64QAM	1	0	17.61	17.62	17.63		
15	64QAM	1	37	17.60	17.69	17.50	18.5	0
15	64QAM	1	74	17.55	17.62	17.64		
15	64QAM	36	0	17.64	17.58	17.58		
15	64QAM	36	20	17.72	17.67	17.72	18.5	0
15	64QAM	36	39	17.71	17.53	17.62		
15	64QAM	75	0	17.58	17.73	17.62		
15	256QAM	1	0	17.29	17.20	16.91		
15	256QAM	1	37	16.99	17.07	17.03	18	0.5
15	256QAM	1	74	17.09	17.24	16.82		
15	256QAM	36	0	17.25	17.28	17.04		
15	256QAM	36	20	17.08	17.24	16.82	18	0.5
15	256QAM	36	39	17.06	17.16	16.90		
15	256QAM	75	0	17.09	17.24	16.82		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.71	17.63	17.64		
10	QPSK	1	25	17.61	17.71	17.54	18.5	0
10	QPSK	1	49	17.64	17.74	17.49		
10	QPSK	25	0	17.61	17.54	17.60		
10	QPSK	25	12	17.63	17.62	17.68	18.5	0
10	QPSK	25	25	17.53	17.57	17.56		
10	QPSK	50	0	17.67	17.57	17.48		
10	16QAM	1	0	17.62	17.57	17.59		
10	16QAM	1	25	17.69	17.73	17.60	18.5	0
10	16QAM	1	49	17.72	17.56	17.69		
10	16QAM	25	0	17.70	17.72	17.63		
10	16QAM	25	12	17.57	17.70	17.65	18.5	0
10	16QAM	25	25	17.51	17.71	17.54		
10	16QAM	50	0	17.53	17.70	17.54		
10	64QAM	1	0	17.50	17.53	17.58		
10	64QAM	1	25	17.60	17.75	17.53	18.5	0
10	64QAM	1	49	17.55	17.53	17.58		
10	64QAM	25	0	17.71	17.57	17.55		
10	64QAM	25	12	17.61	17.63	17.57	18.5	0
10	64QAM	25	25	17.58	17.71	17.70		
10	64QAM	50	0	17.69	17.59	17.61		
10	256QAM	1	0	17.25	17.15	16.81		
10	256QAM	1	25	16.97	17.11	16.97	18	0.5
10	256QAM	1	49	17.10	17.17	16.85		
10	256QAM	25	0	17.28	17.28	17.01		
10	256QAM	25	12	17.05	17.20	16.81	18	0.5
10	256QAM	25	25	17.14	17.24	16.84		
10	256QAM	50	0	17.00	17.26	16.78		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.61	17.74	17.62		
5	QPSK	1	12	17.56	17.75	17.54	18.5	0
5	QPSK	1	24	17.63	17.63	17.64		
5	QPSK	12	0	17.70	17.62	17.55		
5	QPSK	12	7	17.66	17.76	17.72	18.5	0
5	QPSK	12	13	17.59	17.75	17.67		
5	QPSK	25	0	17.71	17.54	17.54		
5	16QAM	1	0	17.62	17.71	17.71		
5	16QAM	1	12	17.61	17.53	17.53	18.5	0
5	16QAM	1	24	17.63	17.69	17.52		
5	16QAM	12	0	17.67	17.71	17.65		
5	16QAM	12	7	17.65	17.73	17.59	18.5	0
5	16QAM	12	13	17.54	17.67	17.54		
5	16QAM	25	0	17.68	17.66	17.72		
5	64QAM	1	0	17.62	17.54	17.58		
5	64QAM	1	12	17.54	17.60	17.61	18.5	0
5	64QAM	1	24	17.56	17.60	17.64		
5	64QAM	12	0	17.57	17.63	17.69		
5	64QAM	12	7	17.65	17.62	17.60	18.5	0
5	64QAM	12	13	17.52	17.65	17.50		
5	64QAM	25	0	17.61	17.68	17.68		
5	256QAM	1	0	17.20	17.21	16.88		
5	256QAM	1	12	17.02	17.10	16.97	18	0.5
5	256QAM	1	24	17.09	17.15	16.84		
5	256QAM	12	0	17.32	17.20	17.13		
5	256QAM	12	7	17.12	17.26	16.89	18	0.5
5	256QAM	12	13	17.14	17.25	16.84		
5	256QAM	25	0	17.09	17.19	16.78		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.55	17.75	17.57		
3	QPSK	1	8	17.68	17.76	17.65	18.5	0
3	QPSK	1	14	17.69	17.55	17.68		
3	QPSK	8	0	17.73	17.71	17.67		
3	QPSK	8	4	17.58	17.61	17.65	18.5	0
3	QPSK	8	7	17.66	17.64	17.58		
3	QPSK	15	0	17.57	17.65	17.64		
3	16QAM	1	0	17.67	17.66	17.70		
3	16QAM	1	8	17.60	17.56	17.66	18.5	0
3	16QAM	1	14	17.58	17.63	17.67		
3	16QAM	8	0	17.59	17.71	17.67		
3	16QAM	8	4	17.68	17.58	17.67	18.5	0
3	16QAM	8	7	17.63	17.66	17.61		
3	16QAM	15	0	17.55	17.71	17.68		
3	64QAM	1	0	17.73	17.58	17.62		
3	64QAM	1	8	17.73	17.67	17.72	18.5	0
3	64QAM	1	14	17.70	17.53	17.67		
3	64QAM	8	0	17.72	17.55	17.72		
3	64QAM	8	4	17.51	17.72	17.59	18.5	0
3	64QAM	8	7	17.67	17.70	17.65		
3	64QAM	15	0	17.51	17.73	17.63		
3	256QAM	1	0	17.22	17.20	16.88		
3	256QAM	1	8	17.02	17.09	16.99	18	0.5
3	256QAM	1	14	17.08	17.23	16.85		
3	256QAM	8	0	17.23	17.30	17.02		
3	256QAM	8	4	17.13	17.22	16.92	18	0.5
3	256QAM	8	7	17.06	17.15	16.85		
3	256QAM	15	0	17.08	17.23	16.77		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.67	17.59	17.52		
1.4	QPSK	1	3	17.58	17.56	17.69		
1.4	QPSK	1	5	17.59	17.63	17.60	18.5	0
1.4	QPSK	3	0	17.73	17.57	17.64		
1.4	QPSK	3	1	17.67	17.74	17.60		
1.4	QPSK	3	3	17.53	17.54	17.63		
1.4	QPSK	6	0	17.67	17.64	17.61	18.5	0
1.4	16QAM	1	0	17.54	17.67	17.51		
1.4	16QAM	1	3	17.64	17.62	17.52		
1.4	16QAM	1	5	17.63	17.61	17.62	18.5	0
1.4	16QAM	3	0	17.68	17.55	17.60		
1.4	16QAM	3	1	17.51	17.63	17.58		
1.4	16QAM	3	3	17.73	17.65	17.54		
1.4	16QAM	6	0	17.70	17.61	17.56	18.5	0
1.4	64QAM	1	0	17.70	17.74	17.70		
1.4	64QAM	1	3	17.72	17.60	17.62		
1.4	64QAM	1	5	17.59	17.63	17.57	18.5	0
1.4	64QAM	3	0	17.67	17.60	17.60		
1.4	64QAM	3	1	17.60	17.74	17.61		
1.4	64QAM	3	3	17.74	17.62	17.65		
1.4	64QAM	6	0	17.55	17.74	17.64	18.5	0
1.4	256QAM	1	0	17.26	17.15	16.91		
1.4	256QAM	1	3	17.06	17.10	17.03		
1.4	256QAM	1	5	17.14	17.21	16.85	18	0.5
1.4	256QAM	3	0	17.25	17.22	17.08		
1.4	256QAM	3	1	17.07	17.19	16.89		
1.4	256QAM	3	3	17.07	17.15	16.94		
1.4	256QAM	6	0	17.00	17.30	16.97	18	0.5

Band 66 Ant 0 DSI6 sig path：453

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.78	17.82	17.75		
20	QPSK	1	49	17.62	17.65	17.47	18.5	0
20	QPSK	1	99	17.49	17.56	17.49		
20	QPSK	50	0	17.76	17.78	17.72		
20	QPSK	50	24	17.60	17.65	17.65	18.5	0
20	QPSK	50	50	17.61	17.65	17.47		
20	QPSK	100	0	17.58	17.68	17.63		
20	16QAM	1	0	17.46	17.60	17.45		
20	16QAM	1	49	17.61	17.69	17.65	18

Band 2 Ant 4 DSI6 sig path：44

BW [MHz]	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	19.35	19.42	19.37		
20	QPSK	1	49	19.32	19.33	19.16	20	0
20	QPSK	1	99	19.17	19.17	19.30		
20	QPSK	50	0	19.31	19.41	19.29		
20	QPSK	50	24	19.40	19.26	19.28	20	0
20	QPSK	50	50	19.39	19.37	19.27		
20	QPSK	100	0	19.25	19.26	19.10		
20	16QAM	1	0	19.30	19.40	19.24		
20	16QAM	1	49	19.22	19.32	19.24	20	0
20	16QAM	1	99	19.17	19.35	19.15		
20	16QAM	50	0	19.28	19.17	19.29		
20	16QAM	50	24	19.41	19.32	19.27	20	0
20	16QAM	50	50	19.21	19.19	19.14		
20	16QAM	100	0	19.21	19.33	19.14		
20	64QAM	1	0	19.32	19.38	19.12		
20	64QAM	1	49	19.16	19.27	19.22	20	0
20	64QAM	1	99	19.34	19.30	19.19		
20	64QAM	50	0	19.32	19.30	19.26		
20	64QAM	50	24	19.27	19.32	19.13	20	0
20	64QAM	50	50	19.25	19.24	19.15		
20	64QAM	100	0	19.19	19.27	19.10		
20	256QAM	1	0	19.33	19.37	19.27		
20	256QAM	1	49	19.26	19.30	19.27	20	0
20	256QAM	1	99	19.18	19.21	19.12		
20	256QAM	50	0	19.30	19.30	19.20		
20	256QAM	50	24	19.31	19.27	19.26	20	0
20	256QAM	50	50	19.38	19.31	19.11		
20	256QAM	100	0	19.33	19.31	19.32		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.29	19.28	19.30		
15	QPSK	1	37	19.24	19.20	19.03	20	0
15	QPSK	1	74	19.07	19.24	19.21		
15	QPSK	36	0	19.20	19.32	19.16		
15	QPSK	36	20	19.25	19.19	19.13	20	0
15	QPSK	36	39	19.33	19.24	19.16		
15	QPSK	75	0	19.16	19.13	18.96		
15	16QAM	1	0	19.15	19.32	19.18		
15	16QAM	1	37	19.12	19.18	19.17	20	0
15	16QAM	1	74	19.06	19.29	19.01		
15	16QAM	36	0	19.22	19.03	19.15		
15	16QAM	36	20	19.28	19.23	19.12	20	0
15	16QAM	36	39	19.07	19.12	19.05		
15	16QAM	75	0	19.07	19.20	19.05		
15	64QAM	1	0	19.21	19.04	18.98		
15	64QAM	1	37	19.07	19.16	19.11	20	0
15	64QAM	1	74	19.22	19.24	19.09		
15	64QAM	36	0	19.23	19.24	19.19		
15	64QAM	36	20	19.13	19.27	19.04	20	0
15	64QAM	36	39	19.12	19.10	19.09		
15	64QAM	75	0	19.10	19.15	19.01		
15	256QAM	1	0	19.19	19.31	19.15		
15	256QAM	1	37	19.18	19.23	19.16	20	0
15	256QAM	1	74	19.04	19.12	19.05		
15	256QAM	36	0	19.23	19.25	19.11		
15	256QAM	36	20	19.16	19.16	19.21	20	0
15	256QAM	36	39	19.31	19.17	19.05		
15	256QAM	75	0	19.21	19.17	19.23		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.23	19.35	19.24		
10	QPSK	1	25	19.23	19.27	19.08	20	0
10	QPSK	1	49	19.09	19.23	19.15		
10	QPSK	25	0	19.18	19.35	19.21		
10	QPSK	25	12	19.32	19.18	19.21	20	0
10	QPSK	25	25	19.25	19.31	19.16		
10	QPSK	50	0	19.15	19.18	18.98		
10	16QAM	1	0	19.23	19.30	19.14		
10	16QAM	1	25	19.16	19.23	19.16	20	0
10	16QAM	1	49	19.08	19.25	19.09		
10	16QAM	25	0	19.14	19.05	19.22		
10	16QAM	25	12	19.32	19.26	19.16	20	0
10	16QAM	25	25	19.13	19.11	19.08		
10	16QAM	50	0	19.15	19.21	19.01		
10	64QAM	1	0	19.18	19.07	19.00		
10	64QAM	1	25	19.09	19.13	19.10	20	0
10	64QAM	1	49	19.26	19.23	19.12		
10	64QAM	25	0	19.23	19.24	19.11		
10	64QAM	25	12	19.13	19.24	19.00	20	0
10	64QAM	25	25	19.13	19.15	19.03		
10	64QAM	50	0	19.11	19.17	19.03		
10	256QAM	1	0	19.21	19.31	19.18		
10	256QAM	1	25	19.14	19.20	19.14	20	0
10	256QAM	1	49	19.04	19.15	19.07		
10	256QAM	25	0	19.18	19.24	19.12		
10	256QAM	25	12	19.18	19.16	19.18	20	0
10	256QAM	25	25	19.24	19.21	19.03		
10	256QAM	50	0	19.27	19.23	19.22		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.29	19.29	19.23		
5	QPSK	1	12	19.17	19.27	19.10	20	0
5	QPSK	1	24	19.03	19.18	19.17		
5	QPSK	12	0	19.18	19.28	19.19		
5	QPSK	12	7	19.34	19.13	19.16	20	0
5	QPSK	12	13	19.30	19.28	19.17		
5	QPSK	25	0	19.15	19.15	19.02		
5	16QAM	1	0	19.21	19.29	19.16		
5	16QAM	1	12	19.13	19.18	19.14	20	0
5	16QAM	1	24	19.07	19.29	19.07		
5	16QAM	12	0	19.20	19.07	19.16		
5	16QAM	12	7	19.30	19.21	19.16	20	0
5	16QAM	12	13	19.07	19.07	19.08		
5	16QAM	25	0	19.06	19.25	19.03		
5	64QAM	1	0	19.21	19.09	19.06		
5	64QAM	1	12	19.02	19.12	19.12	20	0
5	64QAM	1	24	19.24	19.16	19.14		
5	64QAM	12	0	19.19	19.16	19.18		
5	64QAM	12	7	19.21	19.26	19.07	20	0
5	64QAM	12	13	19.20	19.15	19.08		
5	64QAM	25	0	19.08	19.19	19.03		
5	256QAM	1	0	19.27	19.24	19.15		
5	256QAM	1	12	19.19	19.24	19.19	20	0
5	256QAM	1	24	19.07	19.13	19.02		
5	256QAM	12	0	19.24	19.25	19.06		
5	256QAM	12	7	19.24	19.14	19.11	20	0
5	256QAM	12	13	19.26	19.19	19.04		
5	256QAM	25	0	19.23	19.20	19.19		
Channel				18610	18900	19190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.22	19.29	19.25		
3	QPSK	1	8	19.18	19.25	19.04	20	0
3	QPSK	1	14	19.05	19.22	19.23		
3	QPSK	8	0	19.17	19.30	19.22		
3	QPSK	8	4	19.33	19.14	19.17	20	0
3	QPSK	8	7	19.31	19.31	19.12		
3	QPSK	15	0	19.14	19.17	19.00		
3	16QAM	1	0	19.20	19.33	19.12		
3	16QAM	1	8	19.14	19.19	19.09	20	0
3	16QAM	1	14	19.12	19.23	19.04		
3	16QAM	8	0	19.13	19.04	19.15		
3	16QAM	8	4	19.31	19.18	19.18	20	0
3	16QAM	8	7	19.15	19.14	19.08		
3	16QAM	15	0	19.11	19.27	19.06		
3	64QAM	1	0	19.26	19.04	19.03		
3	64QAM	1	8	19.04	19.14	19.12	20	0
3	64QAM	1	14	19.24	19.15	19.06		
3	64QAM	8	0	19.19	19.16	19.19		
3	64QAM	8	4	19.14	19.25	19.02	20	0
3	64QAM	8	7	19.11	19.17	19.05		
3	64QAM	15	0	19.06	19.18	18.98		
3	256QAM	1	0	19.25	19.27	19.13		
3	256QAM	1	8	19.13	19.16	19.17	20	0
3	256QAM	1	14	19.05	19.07	18.97		
3	256QAM	8	0	19.23	19.24	19.14		
3	256QAM	8	4	19.22	19.18	19.20	20	0
3	256QAM	8	7	19.33	19.25	19.06		
3	256QAM	15	0	19.28	19.22	19.25		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.21	19.28	19.23		
1.4	QPSK	1	3	19.27	19.19	19.06		
1.4	QPSK	1	5	19.03	19.20	19.18	20	0
1.4	QPSK	3	0	19.24	19.30	19.17		
1.4	QPSK	3	1	19.33	19.18	19.13		
1.4	QPSK	3	3	19.28	19.32	19.22		
1.4	QPSK	6	0	19.13	19.16	18.98	20	0
1.4	16QAM	1	0	19.22	19.33	19.10		
1.4	16QAM	1	3	19.10	19.23	19.15		
1.4	16QAM	1	5	19.06	19.20	19.02	20	0
1.4	16QAM	3	0	19.16	19.04	19.20		
1.4	16QAM	3	1	19.34	19.22	19.18		
1.4	16QAM	3	3	19.11	19.09	18.99		
1.4	16QAM	6	0	19.10	19.27	19.08	20	0
1.4	64QAM	1	0	19.24	19.11	19.06		
1.4	64QAM	1	3	19.01	19.14	19.11		
1.4	64QAM	1	5	19.20	19.21	19.08	20	0
1.4	64QAM	3	0	19.22	19.19	19.14		
1.4	64QAM	3	1	19.19	19.25	19.01		
1.4	64QAM	3	3	19.17	19.14	19.02		
1.4	64QAM	6	0	19.14	19.22	19.02	20	0
1.4	256QAM	1	0	19.23	19.29	19.18		
1.4	256QAM	1	3	19.15	19.24	19.18		
1.4	256QAM	1	5	19.06	19.08	19.07	20	0
1.4	256QAM	3	0	19.24	19.21	19.14		
1.4	256QAM	3	1	19.17	19.21	19.14		
1.4	256QAM	3	3	19.24	19.21	19.00		
1.4	256QAM	6	0	19.24	19.24	19.21	20	0

Band 2 Ant 4 DSI6 sig path：456

BW [MHz]	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	19.23	19.25	19.10		
20	QPSK	1	49	19.09	19.19	19.18	20	0
20	QPSK	1	99	19.09	19.00	19.01		
20	QPSK	50	0	19.03	19.23	19.14		
20	QPSK	50	24	18.89	19.19	19.03	20	0
20	QPSK	50	50	18.93	19.10	19.04		
20	QPSK	100	0	19.10	19.20	19.05		
20	16QAM	1	0	19.07	19.16	18.95		
20	16QAM	1	49	18.95	19.15	19.03	20	0
20	16QAM	1	99	18.97	19.16	19.15		
20	16QAM	50	0	19.05	19.00	19.05		
20	16QAM	50	24	19.17	19.01	19.10	20	0
20	16QAM	50	50	19.14	19.04	19.18		
20	16QAM	100	0	19.17	19.14	19.10		
20	64QAM	1	0	18.86	18.96	19.21		
20	64QAM	1	49	19.05	19.06	18.98	20	0
20	64QAM	1	99	18.88	19.11	18.98		
20	64QAM	50	0	18.99	19.21	19.16		
20	64QAM	50	24	18.92	19.20	18.98	20	0
20	64QAM	50	50	18.98	19.13	18.95		
20	64QAM	100	0	18.89	19.10	19.13		
20	256QAM	1	0	19.08	19.00	19.06		
20	256QAM	1	49	19.08	19.10	19.17	20	0
20	256QAM	1	99	19.05	19.04	19.16		
20	256QAM	50	0	18.99	19.09	19.00		
20	256QAM	50	24	18.92	19.13	19.00	20	0
20	256QAM	50	50	19.09	18.96	18.97		
20	256QAM	100	0	19.05	19.13	19.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.09	19.12	18.98		
15	QPSK	1	37	18.94	19.13	19.06	20	0
15	QPSK	1	74	19.01	18.93	18.86		
15	QPSK	36	0	18.96	19.10	19.04		
15	QPSK	36	20	18.80	19.11	18.93	20	0
15	QPSK	36	39	18.84	18.97	18.97		
15	QPSK	75	0	18.99	19.07	18.96		
15	16QAM	1	0	18.99	19.01	18.85		
15	16QAM	1	37	18.89	19.05	18.89	20	0
15	16QAM	1	74	18.83	19.05	19.01		
15	16QAM	36	0	18.99	18.88	18.96		
15	16QAM	36	20	19.06	18.95	18.98	20	0
15	16QAM	36	39	19.01	18.96	19.06		
15	16QAM	75	0	19.05	19.09	19.04		
15	64QAM	1	0	18.76	18.89	19.13		
15	64QAM	1	37	18.98	19.00	18.86	20	0
15	64QAM	1	74	18.75	19.04	18.89		
15	64QAM	36	0	18.91	19.08	19.06		
15	64QAM	36	20	18.83	19.13	18.83	20	0
15	64QAM	36	39	18.92	19.05	18.87		
15	64QAM	75	0	18.76	19.04	19.07		
15	256QAM	1	0	18.97	18.94	18.92		
15	256QAM	1	37	18.98	18.99	19.06	20	0
15	256QAM	1	74	18.99	18.98	19.02		
15	256QAM	36	0	18.88	18.98	18.91		
15	256QAM	36	20	18.86	19.05	18.95	20	0
15	256QAM	36	39	18.94	18.90	18.86		
15	256QAM	75	0	18.95	18.99	18.98		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.15	19.18	18.95		
10	QPSK	1	25	18.98	19.09	19.07	20	0
10	QPSK	1	49	18.98	18.88	18.89		
10	QPSK	25	0	18.90	19.11	19.03		
10	QPSK	25	12	18.82	19.10	18.89	20	0
10	QPSK	25	25	18.82	19.02	18.99		
10	QPSK	50	0	19.04	19.07	18.99		
10	16QAM	1	0	19.00	19.10	18.86		
10	16QAM	1	25	18.82	19.02	18.88	20	0
10	16QAM	1	49	18.89	19.09	19.06		
10	16QAM	25	0	18.97	18.89	18.91		
10	16QAM	25	12	19.08	18.95	19.01	20	0
10	16QAM	25	25	19.01	18.89	19.08		
10	16QAM	50	0	19.12	19.01	19.05		
10	64QAM	1	0	18.72	18.87	19.13		
10	64QAM	1	25	18.99	18.95	18.92	20	0
10	64QAM	1	49	18.82	19.01	18.84		
10	64QAM	25	0	18.92	19.15	19.03		
10	64QAM	25	12	18.84	19.09	18.93	20	0
10	64QAM	25	25	18.93	18.98	18.81		
10	64QAM	50	0	18.77	18.99	19.04		
10	256QAM	1	0	18.93	18.92	18.99		
10	256QAM	1	25	19.01	19.03	19.03	20	0
10	256QAM	1	49	18.96	18.90	19.05		
10	256QAM	25	0	18.85	19.03	18.87		
10	256QAM	25	12	18.78	19.01	18.88	20	0
10	256QAM	25	25	18.97	18.88	18.87		
10	256QAM	50	0	18.93	19.05	19.01		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.15	19.10	18.99		
5	QPSK	1	12	18.99	19.11	19.11	20	0
5	QPSK	1	24	18.97	18.90	18.95		
5	QPSK	12	0	18.89	19.09	19.00		
5	QPSK	12	7	18.79	19.14	18.92	20	0
5	QPSK	12	13	18.88	18.95	18.95		
5	QPSK	25	0	18.99	19.14	18.98		
5	16QAM	1	0	19.01	19.09	18.90		
5	16QAM	1	12	18.84	19.08	18.90	20	0
5	16QAM	1	24	18.85	19.03	19.08		
5	16QAM	12	0	18.93	18.87	18.98		
5	16QAM	12	7	19.08	18.87	19.01	20	0
5	16QAM	12	13	19.04	18.93	19.05		
5	16QAM	25	0	19.02	19.00	19.01		
5	64QAM	1	0	18.72	18.85	19.09		
5	64QAM	1	12	18.97	18.96	18.87	20	0
5	64QAM	1	24	18.79	18.97	18.86		
5	64QAM	12	0	18.90	19.07	19.04		
5	64QAM	12	7	18.82	19.06	18.92	20	0
5	64QAM	12	13	18.88	18.98	18.88		
5	64QAM	25	0	18.82	18.95	19.02		
5	256QAM	1	0	18.98	18.88	18.93		
5	256QAM	1	12	19.00	19.00	19.06	20	0
5	256QAM	1	24	18.96	18.92	19.08		
5	256QAM	12	0	18.87	19.03	18.85		
5	256QAM	12	7	18.78	19.05	18.85	20	0
5	256QAM	12	13	19.04	18.90	18.84		
5	256QAM	25	0	18.92	19.01	18.93		
Channel				18610	18900	19190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.14	19.12	18.99		
3	QPSK	1	8	18.97	19.11	19.08	20	0
3	QPSK	1	14	18.97	18.93	18.95		
3	QPSK	8	0	18.90	19.11	19.00		
3	QPSK	8	4	18.78	19.13	18.98	20	0
3	QPSK	8	7	18.81	19.02	18.93		
3	QPSK	15	0	18.97	19.07	18.92		
3	16QAM	1	0	19.00	19.09	18.88		
3	16QAM	1	8	18.88	19.01	18.95	20	0
3	16QAM	1	14	18.83	19.11	19.08		
3	16QAM	8	0	18.91	18.90	18.94		
3	16QAM	8	4	19.06	18.90	19.02	20	0
3	16QAM	8	7	19.01	18.96	19.12		
3	16QAM	15	0	19.05	19.04	19.03		
3	64QAM	1	0	18.76	18.91	19.07		
3	64QAM	1	8	18.95	19.01	18.87	20	0
3	64QAM	1	14	18.80	18.97	18.87		
3	64QAM	8	0	18.92	19.15	19.08		
3	64QAM	8	4	18.86	19.06	18.88	20	0
3	64QAM	8	7	18.89	19.05	18.84		
3	64QAM	15	0	18.83	19.05	19.04		
3	256QAM	1	0	18.98	18.91	18.98		
3	256QAM	1	8	19.01	18.96	19.04	20	0
3	256QAM	1	14	18.95	19.05	19.04		
3	256QAM	8	0	18.93	19.02	18.92		
3	256QAM	8	4	18.79	18.98	18.88	20	0
3	256QAM	8	7	18.98	18.90	18.85		
3	256QAM	15	0	18.92	19.01	18.98		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.14	19.16	19.05		
1.4	QPSK	1	3	18.99	19.05	19.07		
1.4	QPSK	1	5	19.04	18.87	18.87	20	0
1.4	QPSK	3	0	18.90	19.08	19.06		
1.4	QPSK	3	1	18.81	19.13	18.90		
1.4	QPSK	3	3	18.82	18.96	18.98		
1.4	QPSK	6	0	18.98	19.07	19.00	20	0
1.4	16QAM	1	0	19.00	19.02	18.83		
1.4	16QAM	1	3	18.87	19.05	18.98		
1.4	16QAM	1	5	18.87	19.03	19.07	20	0
1.4	16QAM	3	0	18.94	18.93	18.95		
1.4	16QAM	3	1	19.03	18.87	19.01		
1.4	16QAM	3	3	19.06	18.99	19.13		
1.4	16QAM	6	0	19.02	19.06	18.97	20	0
1.4	64QAM	1	0	18.80	18.93	19.12		
1.4	64QAM	1	3	18.97	18.93	18.83		
1.4	64QAM	1	5	18.81	19.03	18.84	20	0
1.4	64QAM	3	0	18.87	19.06	19.02		
1.4	64QAM	3	1	18.79	19.12	18.92		
1.4	64QAM	3	3	18.89	19.05	18.83		
1.4	64QAM	6	0	18.75	18.99	18.98	20	0
1.4	256QAM	1	0	19.02	18.90	18.91		
1.4	256QAM	1	3	18.98	19.02	19.05		
1.4	256QAM	1	5	18.97	18.90	19.10	20	0
1.4	256QAM	3	0	18.92	18.95	18.89		
1.4	256QAM	3	1	18.83	19.02	18.91		
1.4	256QAM	3	3	18.96	18.83	18.88		
1.4	256QAM	6	0	18.94	19.04	19.01	20	0

Band 4 Ant 4 DSI6 sig path：69

BW [MHz]	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	20.29	20.39	20.35		
20	QPSK	1	49	20.17	20.22	20.14	21	0
20	QPSK	1	99	19.96	20.24	20.18		
20	QPSK	50	0	20.32	20.35	20.30		
20	QPSK	50	24	20.03	20.29	20.17	21	0
20	QPSK	50	50	20.06	20.33	20.23		
20	QPSK	100	0	20.22	20.31	20.24		
20	16QAM	1	0	20.13	20.34	20.31		
20	16QAM	1	49	20.12	20.29	20.31	21	0
20	16QAM	1	99	20.01	20.37	20.12		
20	16QAM	50	0	20.09	20.37	20.16		
20	16QAM	50	24	19.97	20.15	20.11	21	0
20	16QAM	50	50	20.14	20.24	20.12		
20	16QAM	100	0	20.11	20.30	20

Band 4 Ant 4 DSI6 sig path：452

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up	> Tune-up	Ch Delta > 0.5
Channel				20050	20175	20300					
Frequency (MHz)				1720	1732.5	1745					
20	QPSK	1	0	20.30	20.41	20.31			0.70	0.59	
20	QPSK	1	49	20.23	20.38	20.30	21	0	0.77	0.62	0.21
20	QPSK	1	99	20.20	20.29	20.20			0.83	0.67	
20	QPSK	50	0	20.34	20.38	20.36			0.66	0.62	
20	QPSK	50	24	20.14	20.25	20.28	21	0	0.86	0.72	0.24
20	QPSK	50	50	20.24	20.26	20.35			0.76	0.65	
20	QPSK	100	0	20.18	20.29	20.22			0.82	0.71	0.11
20	16QAM	1	0	20.23	20.24	20.24			0.77	0.76	
20	16QAM	1	49	20.31	20.22	20.22	21	0	0.78	0.69	0.15
20	16QAM	1	99	20.37	20.31	20.31			0.69	0.63	
20	16QAM	50	0	20.20	20.33	20.17			0.83	0.67	
20	16QAM	50	24	20.29	20.23	20.15	21	0	0.85	0.71	0.21
20	16QAM	50	50	20.24	20.36	20.30			0.76	0.64	
20	16QAM	100	0	20.34	20.37	20.15			0.85	0.63	0.22
20	64QAM	1	0	20.15	20.37	20.17			0.85	0.63	
20	64QAM	1	49	20.34	20.40	20.17	21	0	0.83	0.60	0.25
20	64QAM	1	99	20.28	20.38	20.26			0.74	0.62	
20	64QAM	50	0	20.27	20.39	20.31			0.73	0.61	
20	64QAM	50	24	20.16	20.40	20.17	21	0	0.84	0.60	0.24
20	64QAM	50	50	20.37	20.25	20.25			0.75	0.63	
20	64QAM	100	0	20.32	20.32	20.16			0.84	0.68	0.16
20	256QAM	1	0	18.47	18.64	18.32			0.68	0.36	
20	256QAM	1	49	18.35	18.44	18.44	19	2	0.65	0.56	0.41
20	256QAM	1	99	18.57	18.64	18.23			0.77	0.36	
20	256QAM	50	0	18.51	18.50	18.25			0.75	0.49	
20	256QAM	50	24	18.37	18.60	18.35	19	2	0.65	0.40	0.42
20	256QAM	50	50	18.57	18.67	18.40			0.60	0.53	
20	256QAM	100	0	18.44	18.51	18.23			0.77	0.49	0.28
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	< Tune-up	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				1717.5	1732.5	1747.5					
15	QPSK	1	0	20.25	20.30	20.09			0.91	0.70	
15	QPSK	1	37	20.37	20.30	20.21	21	0	0.79	0.63	0.29
15	QPSK	1	74	20.22	20.15	20.08			0.92	0.78	
15	QPSK	36	0	20.08	20.27	20.15			0.92	0.73	
15	QPSK	36	20	19.93	20.16	20.39	21	0	1.07	0.61	0.46
15	QPSK	36	39	20.22	20.22	20.16			0.84	0.78	
15	QPSK	75	0	20.01	20.27	20.18			0.99	0.73	0.26
15	16QAM	1	0	20.12	20.24	20.01			0.99	0.76	
15	16QAM	1	37	20.26	20.02	20.22	21	0	0.98	0.74	0.37
15	16QAM	1	74	20.38	20.21	20.23			0.79	0.62	
15	16QAM	36	0	20.04	20.20	20.14			0.96	0.80	
15	16QAM	36	20	20.21	20.03	19.95	21	0	1.05	0.79	0.42
15	16QAM	36	39	20.02	20.37	20.15			0.98	0.63	
15	16QAM	75	0	20.15	19.98	20.08			1.02	0.80	0.22
15	64QAM	1	0	20.00	20.33	20.02			1.00	0.67	
15	64QAM	1	37	20.21	20.19	20.08	21	0	0.92	0.79	0.33
15	64QAM	1	74	20.22	20.21	20.21			0.79	0.78	
15	64QAM	36	0	20.08	20.23	20.20			0.92	0.77	
15	64QAM	36	20	20.26	20.14	20.14	21	0	0.94	0.80	0.26
15	64QAM	36	39	20.32	20.16	20.14			0.86	0.68	
15	64QAM	75	0	20.22	20.28	20.03			0.97	0.72	0.25
15	256QAM	1	0	18.30	18.51	18.21			0.79	0.49	
15	256QAM	1	37	18.27	18.33	18.27	19	2	0.73	0.67	0.49
15	256QAM	1	74	18.56	18.51	18.07			0.93	0.44	
15	256QAM	36	0	18.47	18.32	18.10			0.90	0.53	
15	256QAM	36	20	18.20	18.59	18.16	19	2	0.84	0.41	0.49
15	256QAM	36	39	18.17	18.50	18.19			0.81	0.43	
15	256QAM	75	0	18.36	18.37	18.05			0.95	0.63	0.32
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	< Tune-up	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				1716	1732.5	1750					
10	QPSK	1	0	20.22	20.18	20.28			0.82	0.78	
10	QPSK	1	25	20.09	20.18	20.27	21	0	0.91	0.73	0.28
10	QPSK	1	49	20.04	20.08	19.99			1.01	0.92	
10	QPSK	25	0	20.24	20.22	20.15			0.85	0.76	
10	QPSK	25	12	20.12	20.15	20.29	21	0	0.88	0.71	0.30
10	QPSK	25	25	20.06	20.19	20.36			0.94	0.64	
10	QPSK	50	0	20.08	20.22	20.03			0.97	0.78	0.19
10	16QAM	1	0	20.15	20.22	20.15			0.85	0.78	
10	16QAM	1	25	20.22	20.20	20.08	21	0	0.92	0.78	0.19
10	16QAM	1	49	20.27	20.10	20.09			0.97	0.73	
10	16QAM	25	0	20.03	20.16	20.08			0.97	0.84	0.29
10	16QAM	25	12	20.14	20.01	20.12	21	0	0.99	0.86	
10	16QAM	25	25	20.02	20.23	20.30			0.98	0.70	
10	16QAM	50	0	20.29	20.35	20.03			0.97	0.65	0.32
10	64QAM	1	0	20.14	20.30	20.02			0.98	0.70	
10	64QAM	1	25	20.19	20.34	20.12	21	0	0.88	0.66	0.38
10	64QAM	1	49	20.21	20.40	20.14			0.86	0.60	
10	64QAM	25	0	20.16	20.23	20.29			0.84	0.71	
10	64QAM	25	12	19.94	20.19	20.11	21	0	1.06	0.81	0.40
10	64QAM	25	25	20.34	20.13	20.09			0.91	0.66	
10	64QAM	50	0	20.28	20.30	20.14			0.86	0.70	0.16
10	256QAM	1	0	18.32	18.48	18.16			0.84	0.62	
10	256QAM	1	25	18.36	18.33	18.43	19	2	0.67	0.57	0.38
10	256QAM	1	49	18.39	18.54	18.17			0.83	0.46	
10	256QAM	25	0	18.28	18.49	18.08			0.92	0.51	
10	256QAM	25	12	18.16	18.55	18.28	19	2	0.84	0.45	0.50
10	256QAM	25	25	18.24	18.58	18.39			0.76	0.42	
10	256QAM	50	0	18.42	18.46	18.23			0.77	0.54	0.23
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	< Tune-up	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				1715	1732.5	1752.5					
5	QPSK	1	0	20.07	20.29	20.23			0.93	0.71	
5	QPSK	1	12	20.19	20.29	20.28	21	0	0.81	0.71	0.22
5	QPSK	1	24	20.09	20.08	20.07			0.93	0.91	
5	QPSK	12	0	20.09	20.26	20.30			0.91	0.70	
5	QPSK	12	7	20.11	20.22	20.19	21	0	0.89	0.78	0.25
5	QPSK	12	13	20.05	20.05	20.29			0.95	0.71	
5	QPSK	25	0	20.04	20.06	20.21			0.96	0.79	0.17
5	16QAM	1	0	20.03	20.31	20.04			0.96	0.69	
5	16QAM	1	12	20.18	20.13	20.21	21	0	0.92	0.82	0.28
5	16QAM	1	24	20.15	20.30	20.32			0.85	0.68	
5	16QAM	12	0	20.10	20.16	20.07			0.93	0.84	
5	16QAM	12	7	20.09	20.23	20.01	21	0	0.99	0.77	0.28
5	16QAM	12	13	20.24	20.25	20.26			0.87	0.71	
5	16QAM	25	0	20.29	20.34	20.05			0.95	0.66	0.29
5	64QAM	1	0	19.95	20.28	19.97			1.05	0.72	
5	64QAM	1	12	20.14	20.27	20.12	21	0	0.88	0.73	0.33
5	64QAM	1	24	20.22	20.34	20.04			0.86	0.78	
5	64QAM	12	0	20.28	20.34	20.15			0.85	0.66	
5	64QAM	12	7	20.11	20.19	20.02	21	0	0.98	0.81	0.32
5	64QAM	12	13	20.18	20.20	20.24			0.82	0.76	
5	64QAM	25	0	20.17	20.32	19.96			1.04	0.71	0.33
5	256QAM	1	0	18.48	18.58	18.32			0.68	0.42	
5	256QAM	1	12	18.16	18.40	18.41	19	2	0.84	0.59	0.49
5	256QAM	1	24	18.53	18.51	18.09			0.91	0.47	
5	256QAM	12	0	18.41	18.58	18.22			0.78	0.53	
5	256QAM	12	7	18.16	18.59	18.23	19	2	0.84	0.41	0.43
5	256QAM	12	13	18.38	18.56	18.41			0.62	0.44	
5	256QAM	25	0	18.27	18.45	18.14			0.86	0.55	0.31
Channel				19950	20175	20385	Tune-up limit (dBm)	MPR (dB)	< Tune-up	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				1711.5	1732.5	1753.5					
3	QPSK	1	0	20.22	20.24	20.21			0.79	0.76	
3	QPSK	1	8	20.17	20.17	20.31	21	0	0.83	0.69	0.21
3	QPSK	1	14	20.17	20.10	20.15			0.90	0.83	
3	QPSK	8	0	20.08	20.21	20.27			0.91	0.73	
3	QPSK	8	4	20.07	20.15	20.31	21	0	0.93	0.69	0.24
3	QPSK	8	7	20.25	20.21	20.17			0.83	0.75	
3	QPSK	15	0	20.01	20.11	20.19			0.99	0.81	0.18
3	16QAM	1	0	20.18	20.31	20.23			0.94	0.69	
3	16QAM	1	8	20.22	20.15	20.02	21	0	0.98	0.78	0.30
3	16QAM	1	14	20.32	20.25	20.27			0.75	0.68	
3	16QAM	8	0	20.11	20.32	19.95			1.05	0.68	
3	16QAM	8	4	20.16	20.19	19.98	21	0	1.02	0.84	0.37
3	16QAM	8	7	20.06	20.27	20.12			0.94	0.73	
3	16QAM	15	0	20.21	20.29	20.14			0.86	0.71	0.15
3	64QAM	1	0	19.94	20.27	20.13			1.06	0.73	
3	64QAM	1	8	20.35	20.11	20.15	21	0	0.89	0.65	0.43
3	64QAM	1	14	20.14	20.37	20.09			0.91	0.63	
3	64QAM	8	0	20.13	20.35	20.17			0.87	0.65	
3	64QAM	8	4	20.07	20.29	20.06	21	0	0.94	0.71	0.29
3	64QAM	8	7	20.15	20.22	20.07			0.93	0.77	
3	64QAM	15	0	20.28	20.19	19.99			1.01	0.72	0.29
3	256QAM	1	0	18.32	18.62	18.31			0.69	0.38	
3	256QAM	1	8	18.26	18.45	18.38	19	2	0.74	0.55	0.55
3	256QAM	1	14	18.57	18.52	18.07			0.93	0.43	
3	256QAM	8	0	18.43	18.36	18.15			0.85	0.57	
3	256QAM	8	4	18.20	18.49	18.34	19	2	0.80	0.51	0.41
3	256QAM	8	7	18.22	18.56	18.19			0.81	0.44	
3	256QAM	15	0	18.28	18.31	18.23			0.77	0.69	0.08
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	< Tune-up	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				1710.7	1732.5	1754.3					
1.4	QPSK	1	0	20.14	20.33	20.15			0.86	0.86	
1.4	QPSK	1	3	20.04	20.24	20.15			0.96	0.96	0.29
1.4	QPSK	1	5	20.17	20.08	20.14	21	0	0.92	0.92	
1.4	QPSK	3	0	20.09	20.09	20.16			0.91	0.91	
1.4	QPSK	3	1	20.11	20.24	20.19			0.89	0.89	0.19
1.4	QPSK	3	3	20.08	20.24	20.27			0.92	0.92	
1.4	QPSK	6	0	20.17	20.07	20.16	21	0	0.93	0.93	0.10
1.4	16QAM	1	0	20.12	20.21	20.17			0.88	0.88	
1.4	16QAM	1	3	20.10	20.02	20.05			0.98	0.98	0.25
1.4	16QAM	1	5	20.27	20.26	20.19	21	0	0.81	0.81	
1.4	16QAM	3	0	20.03	20.30	20.06			0.97	0.97	
1.4	16QAM	3	1	20.07	20.18	20.07			0.93	0.93	0.27
1.4	16QAM	3	3	20.03	20.23	20.21			0.97	0.97	
1.4	16QAM	6	0	20.13	20.17	19.98	21	0	1.02	1.02	0.19
1.4	64QAM	1	0	20.13	20.23	20.15			0.87	0.87	
1.4	64QAM	1	3	20.22	20.35	19.97			1.03	1.03	0.38
1.4	64QAM	1	5	20.07	20.19	20.11	21	0	0.93	0.93	
1.4	64QAM	3	0	20.22	20.30	20.22			0.78	0.78	
1.4	64QAM	3	1	19.95	20.34	20.11			1.05	1.05	0.41
1.4	64QAM	3	3	20.22	20.17	20.17			0.83	0.83	
1.4	64QAM	6	0	20.09	20.22	19.93	21	0	1.07	1.07	0.29
1.4	256QAM	1	0	18.47	18.57	18.32			0.68	0.68	
1.4	256QAM	1	3	18.20	18.38	18.26			0.80	0.80	0.37
1.4	256QAM	1	5	18.53	18.43	18.22	19	2	0.78	0.78	
1.4	256QAM	3	0	18.38	18.27	18.15			0.85	0.85	
1.4	256QAM	3	1	18.28	18.58	18.31			0.72	0.72	0.46
1.4	256QAM	3	3	18.31	18.61	18.39			0.69	0.69	
1.4	256QAM	6	0	18.43	18.46	18.04	19	2	0.96	0.96	0.42

Band 66 Ant 4 DSI6 sig path：70

BW [MHz]	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	21.41	21.51	21.45		
20	QPSK	1	49	21.27	21.23	21.39	22	0
20	QPSK	1	99	21.40	21.36	21.38		
20	QPSK	50	0	21.34	21.49	21.31		
20	QPSK	50	24	21.06	21.31	21.22	22	0
20	QPSK	50	50	21.06	21.39	21.34		
20	QPSK	100	0	21.27	21.43	21.25		
20	16QAM	1	0	21.10	21.40	21.38		
20	16QAM	1	49	21.13	21.34	21.38	22	0
20	16QAM	1	99	21.02	21.44	21.15		
20	16QAM	50	0	21.13	21.50	21.21		
20	16QAM	50	24	21.03	21.21	21.17	22	0
20	16QAM	50	50	21.23	21.32	21.15		
20	16QAM	100	0	21.21	21.32	21.22		
20	64QAM	1	0	21.06	21.32	21.17		
20	64QAM	1	49	21.18	21.37	21.28	22	0
20	64QAM	1	99	21.26	21.39	21.38		
20	64QAM	50	0	20.15	20.33	20.00		
20	64QAM	50	24	20.15	20.22	20.17	21	1
20	64QAM	50	50	20.08	20.23	20.10		
20	64QAM	100	0	20.00	20.15	20.19		
20	256QAM	1	0	18.39	18.46	18.18		
20	256QAM	1	49	18.11	18.38	18.40	19	3
20	256QAM	1	99	18.30	18.33	17.98		
20	256QAM	50	0	18.40	18.39	18.39		
20	256QAM	50	24	18.29	18.35	18.19	19	3
20	256QAM	50	50	18.40	18.38	18.26		
20	256QAM	100	0	18.15	18.32	18.01		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.31	21.38	21.32		
15	QPSK	1	37	21.21	21.08	21.29	22	0
15	QPSK	1	74	21.26	21.22	21.23		
15	QPSK	36	0	21.21	21.38	21.22		
15	QPSK	36	20	21.00	21.19	21.15	22	0
15	QPSK	36	39	20.96	21.29	21.26		
15	QPSK	75	0	21.15	21.31	21.19		
15	16QAM	1	0	21.04	21.32	21.26		
15	16QAM	1	37	20.99	21.23	21.32	22	0
15	16QAM	1	74	20.91	21.36	21.05		
15	16QAM	36	0	21.06	21.43	21.14		
15	16QAM	36	20	20.97	21.10	21.04	22	0
15	16QAM	36	39	21.13	21.26	21.04		
15	16QAM	75	0	21.12	21.23	21.10		
15	64QAM	1	0	20.98	21.21	21.02		
15	64QAM	1	37	21.10	21.27	21.20	22	0
15	64QAM	1	74	21.19	21.26	21.28		
15	64QAM	36	0	20.08	20.25	19.86		
15	64QAM	36	20	20.02	20.16	20.13	21	1
15	64QAM	36	39	19.95	20.09	19.96		
15	64QAM	75	0	19.90	20.09	20.03		
15	256QAM	1	0	18.34	18.31	18.04		
15	256QAM	1	37	17.99	18.33	18.34	19	3
15	256QAM	1	74	18.23	18.17	17.91		
15	256QAM	36	0	18.28	18.26	18.31		
15	256QAM	36	20	18.23	18.20	18.14	19	3
15	256QAM	36	39	18.32	18.22	18.22		
15	256QAM	75	0	18.01	18.18	17.87		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.31	21.45	21.30		
10	QPSK	1	25	21.15	21.16	21.34	22	0
10	QPSK	1	49	21.25	21.27	21.24		
10	QPSK	25	0	21.24	21.41	21.20		
10	QPSK	25	12	20.96	21.20	21.10	22	0
10	QPSK	25	25	20.99	21.30	21.20		
10	QPSK	50	0	21.17	21.35	21.15		
10	16QAM	1	0	21.05	21.26	21.29		
10	16QAM	1	25	21.04	21.26	21.25	22	0
10	16QAM	1	49	20.95	21.30	21.07		
10	16QAM	25	0	20.99	21.39	21.16		
10	16QAM	25	12	20.89	21.10	21.09	22	0
10	16QAM	25	25	21.09	21.27	21.01		
10	16QAM	50	0	21.11	21.25	21.13		
10	64QAM	1	0	20.92	21.19	21.08		
10	64QAM	1	25	21.11	21.31	21.22	22	0
10	64QAM	1	49	21.21	21.31	21.25		
10	64QAM	25	0	20.04	20.23	19.90		
10	64QAM	25	12	20.09	20.16	20.07	21	1
10	64QAM	25	25	19.93	20.16	20.04		
10	64QAM	50	0	19.94	20.06	20.14		
10	256QAM	1	0	18.35	18.34	18.03		
10	256QAM	1	25	18.03	18.22	18.28	19	3
10	256QAM	1	49	18.18	18.21	17.94		
10	256QAM	25	0	18.25	18.24	18.23		
10	256QAM	25	12	18.20	18.21	18.03	19	3
10	256QAM	25	25	18.35	18.25	18.19		
10	256QAM	50	0	18.02	18.23	17.94		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.27	21.41	21.34		
5	QPSK	1	12	21.20	21.14	21.32	22	0
5	QPSK	1	24	21.32	21.28	21.31		
5	QPSK	12	0	21.27	21.40	21.19		
5	QPSK	12	7	20.95	21.17	21.15	22	0
5	QPSK	12	13	20.98	21.30	21.20		
5	QPSK	25	0	21.19	21.29	21.14		
5	16QAM	1	0	21.04	21.29	21.28		
5	16QAM	1	12	20.99	21.21	21.24	22	0
5	16QAM	1	24	20.92	21.35	21.06		
5	16QAM	12	0	21.01	21.44	21.14		
5	16QAM	12	7	20.95	21.06	21.10	22	0
5	16QAM	12	13	21.14	21.17	21.04		
5	16QAM	25	0	21.10	21.26	21.12		
5	64QAM	1	0	20.92	21.23	21.08		
5	64QAM	1	12	21.08	21.30	21.13	22	0
5	64QAM	1	24	21.11	21.31	21.31		
5	64QAM	12	0	20.04	20.20	19.91		
5	64QAM	12	7	20.08	20.12	20.07	21	1
5	64QAM	12	13	19.94	20.13	20.00		
5	64QAM	25	0	20.08	20.07	20.05		
5	256QAM	1	0	18.30	18.36	18.08		
5	256QAM	1	12	17.96	18.28	18.35	19	3
5	256QAM	1	24	18.15	18.17	17.92		
5	256QAM	12	0	18.35	18.28	18.23		
5	256QAM	12	7	18.15	18.29	18.15	19	3
5	256QAM	12	13	18.29	18.23	18.23		
5	256QAM	25	0	18.04	18.16	17.89		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.28	21.37	21.35		
3	QPSK	1	8	21.15	21.17	21.33	22	0
3	QPSK	1	14	21.33	21.30	21.27		
3	QPSK	8	0	21.29	21.40	21.17		
3	QPSK	8	4	21.01	21.23	21.14	22	0
3	QPSK	8	7	20.94	21.30	21.28		
3	QPSK	15	0	21.14	21.29	21.18		
3	16QAM	1	0	20.95	21.30	21.30		
3	16QAM	1	8	21.03	21.22	21.31	22	0
3	16QAM	1	14	20.89	21.37	21.08		
3	16QAM	8	0	21.01	21.44	21.08		
3	16QAM	8	4	21.39	21

Reduced Power Mode for Other PA DSI7 Standalone

Band 2 Ant 0 DSI7 sig path: 44

BW [MHz]	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	13.90	14.09	14.05	15	0
20	QPSK	1	49	13.90	13.97	13.92		
20	QPSK	1	99	13.89	13.91	13.91		
20	QPSK	50	0	13.95	14.06	14.05	15	0
20	QPSK	50	24	13.91	13.95	13.96		
20	QPSK	50	50	13.98	13.95	14.02		
20	QPSK	100	0	13.87	13.99	13.89		
20	16QAM	1	0	14.02	14.01	14.03	15	0
20	16QAM	1	49	14.02	13.91	14.04		
20	16QAM	1	99	13.86	13.91	14.02		
20	16QAM	50	0	13.99	13.96	13.94	15	0
20	16QAM	50	24	13.88	13.92	14.05		
20	16QAM	50	50	14.03	13.90	13.97		
20	16QAM	100	0	14.03	14.01	13.98		
20	64QAM	1	0	13.89	14.05	13.97	15	0
20	64QAM	1	49	13.85	14.06	13.96		
20	64QAM	1	99	13.95	13.87	13.90		
20	64QAM	50	0	13.83	14.04	13.86	15	0
20	64QAM	50	24	13.90	13.96	13.93		
20	64QAM	50	50	13.89	13.95	13.85		
20	64QAM	100	0	13.86	13.92	13.83		
20	256QAM	1	0	13.94	14.02	13.85	15	0
20	256QAM	1	49	13.85	14.01	13.94		
20	256QAM	1	99	13.99	13.97	13.91		
20	256QAM	50	0	13.84	13.95	13.85	15	0
20	256QAM	50	24	13.92	14.03	13.93		
20	256QAM	50	50	13.95	13.97	13.90		
20	256QAM	100	0	13.81	14.06	13.87		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.80	14.00	14.03	15	0
15	QPSK	1	37	13.89	13.83	13.89		
15	QPSK	1	74	13.87	13.87	13.74		
15	QPSK	36	0	13.84	13.89	13.91	15	0
15	QPSK	36	20	13.84	13.82	13.93		
15	QPSK	36	39	13.93	13.92	13.83		
15	QPSK	75	0	13.87	13.82	13.85		
15	16QAM	1	0	13.86	13.83	13.86	15	0
15	16QAM	1	37	13.84	13.86	13.94		
15	16QAM	1	74	13.84	13.84	13.90		
15	16QAM	36	0	13.82	13.87	13.75	15	0
15	16QAM	36	20	13.79	13.87	14.04		
15	16QAM	36	39	13.84	13.88	13.83		
15	16QAM	75	0	13.92	13.93	13.81		
15	64QAM	1	0	13.80	13.99	13.81	15	0
15	64QAM	1	37	13.76	13.91	13.81		
15	64QAM	1	74	13.85	13.86	13.89		
15	64QAM	36	0	13.97	13.88	13.71	15	0
15	64QAM	36	20	13.70	13.94	13.78		
15	64QAM	36	39	13.79	13.90	13.84		
15	64QAM	75	0	13.79	13.89	13.77		
15	256QAM	1	0	13.82	13.82	13.66	15	0
15	256QAM	1	37	13.65	13.95	13.83		
15	256QAM	1	74	13.85	13.83	13.74		
15	256QAM	36	0	13.80	13.91	13.85	15	0
15	256QAM	36	20	13.83	13.88	13.84		
15	256QAM	36	39	13.81	13.86	13.82		
15	256QAM	75	0	13.77	13.96	13.86		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.80	14.00	14.03	15	0
10	QPSK	1	25	13.89	13.83	13.89		
10	QPSK	1	49	13.87	13.87	13.74		
10	QPSK	25	0	13.84	13.89	13.91	15	0
10	QPSK	25	12	13.84	13.92	13.93		
10	QPSK	25	25	13.93	13.92	13.83		
10	QPSK	50	0	13.87	13.82	13.85	15	0
10	16QAM	1	0	13.86	13.83	13.86		
10	16QAM	1	25	13.84	13.86	14.04		
10	16QAM	1	49	13.84	13.84	13.90		
10	16QAM	25	0	13.82	13.87	13.75	15	0
10	16QAM	25	12	13.79	13.87	14.04		
10	16QAM	25	25	13.84	13.88	13.83		
10	16QAM	50	0	13.92	13.93	13.81	15	0
10	64QAM	1	0	13.80	13.99	13.81		
10	64QAM	1	25	13.76	13.91	13.81		
10	64QAM	1	49	13.85	13.80	13.89		
10	64QAM	25	0	13.97	13.88	13.71	15	0
10	64QAM	25	12	13.70	13.94	13.78		
10	64QAM	25	25	13.79	13.90	13.84		
10	64QAM	50	0	13.79	13.89	13.77	15	0
10	256QAM	1	0	13.82	13.82	13.66		
10	256QAM	1	25	13.65	13.95	13.83		
10	256QAM	1	49	13.85	13.83	13.74		
10	256QAM	25	0	13.80	13.91	13.85	15	0
10	256QAM	25	12	13.83	13.88	13.84		
10	256QAM	25	25	13.81	13.86	13.82		
10	256QAM	50	0	13.77	13.96	13.86		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.80	14.00	14.03	15	0
5	QPSK	1	12	13.89	13.83	13.89		
5	QPSK	1	24	13.87	13.87	13.74		
5	QPSK	12	0	13.84	13.89	13.91	15	0
5	QPSK	12	7	13.84	13.92	13.93		
5	QPSK	12	13	13.93	13.92	13.83		
5	QPSK	25	0	13.87	13.82	13.85	15	0
5	16QAM	1	0	13.86	13.83	13.86		
5	16QAM	1	12	13.84	13.86	14.04		
5	16QAM	1	24	13.84	13.84	13.90		
5	16QAM	12	0	13.82	13.87	13.75	15	0
5	16QAM	12	7	13.79	13.87	14.04		
5	16QAM	12	13	13.84	13.88	13.83		
5	16QAM	25	0	13.92	13.93	13.81	15	0
5	64QAM	1	0	13.80	13.99	13.81		
5	64QAM	1	12	13.76	13.91	13.81		
5	64QAM	1	24	13.85	13.80	13.89	15	0
5	64QAM	12	0	13.97	13.88	13.71		
5	64QAM	12	7	13.70	13.94	13.78		
5	64QAM	12	13	13.79	13.90	13.84		
5	64QAM	25	0	13.79	13.89	13.77	15	0
5	256QAM	1	0	13.82	13.82	13.66		
5	256QAM	1	12	13.65	13.95	13.83		
5	256QAM	1	24	13.85	13.83	13.74		
5	256QAM	12	0	13.80	13.91	13.85	15	0
5	256QAM	12	7	13.83	13.88	13.84		
5	256QAM	12	13	13.81	13.86	13.82		
5	256QAM	25	0	13.77	13.96	13.86		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.80	14.00	14.03	15	0
3	QPSK	1	8	13.89	13.83	13.89		
3	QPSK	1	14	13.87	13.87	13.74		
3	QPSK	8	0	13.84	13.89	13.91	15	0
3	QPSK	8	4	13.84	13.92	13.93		
3	QPSK	8	7	13.93	13.92	13.83		
3	QPSK	15	0	13.87	13.82	13.85	15	0
3	16QAM	1	0	13.86	13.83	13.86		
3	16QAM	1	8	13.84	13.86	14.04		
3	16QAM	1	14	13.84	13.84	13.90		
3	16QAM	8	0	13.82	13.87	13.75	15	0
3	16QAM	8	4	13.79	13.87	14.04		
3	16QAM	8	7	13.84	13.88	13.83		
3	16QAM	15	0	13.92	13.93	13.81	15	0
3	64QAM	1	0	13.80	13.99	13.81		
3	64QAM	1	8	13.76	13.91	13.81		
3	64QAM	1	14	13.85	13.80	13.89	15	0
3	64QAM	8	0	13.97	13.88	13.71		
3	64QAM	8	4	13.70	13.94	13.78		
3	64QAM	8	7	13.79	13.90	13.84		
3	64QAM	15	0	13.79	13.89	13.77	15	0
3	256QAM	1	0	13.82	13.82	13.66		
3	256QAM	1	8	13.65	13.95	13.83		
3	256QAM	1	14	13.85	13.83	13.74		
3	256QAM	8	0	13.80	13.91	13.85	15	0
3	256QAM	8	4	13.83	13.88	13.84		
3	256QAM	8	7	13.81	13.86	13.82		
3	256QAM	15	0	13.77	13.96	13.86		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.80	14.00	14.03	15	0
1.4	QPSK	1	3	13.89	13.83	13.89		
1.4	QPSK	1	5	13.87	13.87	13.74		
1.4	QPSK	3	0	13.84	13.89	13.91	15	0
1.4	QPSK	3	1	13.84	13.92	13.93		
1.4	QPSK	3	3	13.93	13.92	13.83		
1.4	QPSK	6	0	13.87	13.82	13.85	15	0
1.4	16QAM	1	0	13.86	13.83	13.86	15	0
1.4	16QAM	1	3	13.84	13.86	14.04		
1.4	16QAM	1	5	13.84	13.84	13.90		
1.4	16QAM	3	0	13.82	13.87	13.75		
1.4	16QAM	3	1	13.79	13.87	14.04		
1.4	16QAM	3	3	13.84	13.88	13.83		
1.4	16QAM	6	0	13.92	13.93	13.81	15	0
1.4	64QAM	1	0	13.80	13.99	13.81	15	0
1.4	64QAM	1	3	13.76	13.91	13.81		
1.4	64QAM	1	5	13.85	13.80	13.89		
1.4	64QAM	3	0	13.97	13.88	13.71		
1.4	64QAM	3	1	13.70	13.94	13.78		
1.4	64QAM	3	3	13.79	13.90	13.84		
1.4	64QAM	6	0	13.79	13.89	13.77	15	0
1.4	256QAM	1	0	13.82	13.82	13.66	15	0
1.4	256QAM	1	3	13.65	13.95	13.83		
1.4	256QAM	1	5	13.85	13.83	13.74		
1.4	256QAM	3	0	13.80	13.91	13.85		
1.4	256QAM	3	1	13.83	13.88	13.84		
1.4	256QAM	3	3	13.81	13.86	13.82		
1.4	256QAM	6	0	13.77	13.96	13.86	15	0

Band 2 Ant 0 DSI7 sig path: 456

BW [MHz]	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	14.13	14.18	14.08	15	0
20	QPSK	1	49	14.09	14.04	14.07		
20	QPSK	1	99	14.02	14.04	13.93		
20	QPSK	50	0	14.08	14.13	14.09	15	0
20	QPSK	50	24	13.93	13.93	13.99		
20	QPSK	50	50	13.97	14.07	14.04		
20	QPSK	100	0	14.00	14.10	13.98		
20	16QAM	1	0	14.06	14.05	14.03	15	0
20	16QAM	1	49	14.10	14.15	14.12		
20	16QAM	1	99	13.89	14.06	13.99		
20	16QAM	50	0	14.00	14.08	14.03	15	0
20	16QAM	50	24	14.13	13.94	14.05		
20	16QAM	50	50	14.04	14.05	13.98		
20	16QAM	100	0	14.07	14.01	14.07		
20	64QAM	1	0	14.00	14.16	13.96	15	0
20	64QAM	1	49	13.99	14.15	14.06		
20	64QAM	1	99	14.03	13.97	14.13		
20	64QAM	50	0	13.97	14.12	14.02	15	0
20	64QAM	50	24	14.15	14.01	14.05		
20	64QAM	50	50	14.03	14.06	14.04		
20	64QAM	100	0	14.07	14.04	13.96		
20	256QAM	1	0	14.10	14.15	13.94	15	0
20	256QAM	1	49	13.94	14.14	14.15		
20	256QAM	1	99	13.94	14.14	13.98		
20	256QAM	50	0	14.04	14.14	13.98	15	0
20	256QAM	50	24	14.05	14.14	14.15		
20	256QAM	50	50	14.02	13.99	14.05		
20	256QAM	100	0	13.95	14.08	14.00		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.96	14.17	14.01	15	0
15	QPSK	1	37	14.08	13.98	13.97		
15	QPSK	1	74	13.92	13.86	13.86		
15	QPSK	36	0	13.91	14.11	14.05	15	0
15	QPSK	36	20	13.78	13.79	13.81		
15	QPSK	36	39	13.91	13.88	14.01		
15	QPSK	75	0	13.98	13.96	13.95		
15	16QAM	1	0	14.04	14.04	13.94	15	0
15	16QAM	1	37	13.84	14.02	14.02		
15	16QAM	1	74	13.84	14.01	13.84		
15	16QAM	36	0	13.84	14.01	13.91	15	0
15	16QAM	36	20	13.94	13.93	13.90		
15	16QAM	36	39	13.90	14.01	13.82		
15	16QAM	75	0	13.96	13.98	13.96		
15	64QAM	1	0	13.86	14.08	13.83	15	0
15	64QAM	1	37	13.94	14.11	13.95		
15	64QAM	1	74	13.87	13.84	14.02		
15	64QAM	36	0	13.91	14.02	13.82	15	0
15	64QAM	36	20	14.14	13.93	13.95		
15	64QAM	36	39	13.95	13.89	13.85		
15	64QAM	75	0	13.92	13.91	13.90		
15	256QAM	1	0	14.07	14.09	13.91	15	0
15	256QAM	1	37	13.82	14.05	14.15		
15	256QAM	1	74	13.80	13.98	13.92		
15	256QAM	36	0	13.84	14.01	13.91	15	0
15	256QAM	36	20	13.88	13.93	14.12		
15	256QAM	36	39	13.86	13.88	14.04		
15	256QAM	75	0	13.94	13.91	13.98		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.96	14.17	14.01	15	0
10	QPSK	1	25	14.08	13.98	13.97		
10	QPSK	1	49	13.92	13.86	13.86		
10	QPSK	25	0	13.91	14.15	14.05	15	0
10	QPSK	25	12	13.78	13.79	13.81		
10	QPSK	25	25	13.91	13.88	14.01		
10	QPSK	50	0	13.98	13.96	13.95		
10	16QAM	1	0	13.98	14.04	13.94	15	0
10	16QAM	1	25	13.94	14.03	14.02		
10	16QAM	1	49	13.84	14.01	13.84		
10	16QAM	25	0	13.84	14.01	13.91	15	0
10	16QAM	25	12	13.84	14.04	13.94		
10	16QAM	25	25	13.90	14.01	13.82		
10	16QAM	50	0	13.96	13.98	13.96		
10	64QAM	1	0	13.86	14.08	13.83	15	0
10	64QAM	1	25	13.94	14.13	13.95		
10	64QAM	1	49	13.87	13.84	14.02		
10	64QAM	25	0	13.91	14.02	13.82	15	0
10	64QAM	25	12	14.14	13.93	13.95		
10	64QAM	25	25	13.95	14.01	13.85		
10	64QAM	50	0	13.92	14.01	13.91	15	0
10	256QAM	1	0	14.07	14.09	13.91		
10	256QAM	1	25	13.82	14.05	14.15		
10	256QAM	1	49	13.80	13.98	13.92		
10	256QAM	25	0	13.84	14.01	13.91	15	0
10	256QAM	25	12	13.88	13.93	14.12		
10	256QAM	25	25	13.86	13.88	14.04		
10	256QAM	50	0	13.98	13.96	13.98		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.96	14.17	14.01	15	0
5	QPSK	1	12	14.08	13.98	13.97		
5	QPSK	1	24	13.92	13.86	13.86		
5	QPSK	12	0	13.91	14.11	14.05	15	0
5	QPSK	12	7	13.78	13.79	13.81		
5	QPSK	12	13	13.91	13.88	14.01		
5	QPSK	25	0	13.98	13.96	13.95	15	0
5	16QAM	1	0	14.04	14.04	13.94		
5	16QAM	1	12	13.94	14.03	14.02	15	0
5	16QAM	1	24	13.84	14.01	13.84		
5	16QAM	12	0	13.84	13.91	13.91	15	0
5	16QAM	12	7	13.94	13.93	13.90		
5	16QAM	12	13	13.90	14.01	13.82		
5	16QAM	25	0	13.96	13.98	13.96	15	0
5	64QAM	1	0	13.86	14.01	13.83		
5	64QAM	1	12	13.94	14.11	13.95		
5	64QAM	1	24	13.87	13.84	14.02		
5	64QAM	12	0	13.91	14.02	13.82	15	0
5	64QAM	12	7	14.14	13.93	13.95		
5	64QAM	12	13	13.95	13.89	13.85		
5	64QAM	25	0	13.92	14.01	13.91	15	0
5	256QAM	1	0	14.07	14.09	13.91		
5	256QAM	1	12	13.82	14.05	14.15		
5	256QAM	1	24	13.80	13.98	13.92		
5	256QAM	12	0	13.84	14.01	13.91	15	0
5	256QAM	12	7	13.88	13.93	14.12		
5	256QAM	12	13	13.86	13.88	14.04		
5	256QAM	25	0	13.94	13.91	13.98		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.96	14.17	14.01	15	0
3	QPSK	1	8	14.08	13.98	13.97		
3	QPSK	1	14	13.92	13.86	13.86		
3	QPSK	8	0	13.91	14.11	14.05	15	0
3	QPSK	8	4	13.78	13.79	13.81		
3	QPSK	8	7	13.91	13.88	14.01		
3	QPSK	15	0	13.98	13.96	13.95	15	0
3	16QAM	1	0	14.04	14.04	13.94		
3	16QAM	1	8	13.94	14.03	14.02	15	0
3	16QAM	1	14	13.84	14.01	13.84		
3	16QAM	8	0	13.84	14.01	13.91	15	0
3	16QAM	8	4	13.94	13.93	13.90		
3	16QAM	8	7	13.90	14.01	13.82		
3	16QAM	15	0	13.96	13.98	13.96	15	0
3	64QAM	1	0	13.86	14.08	13.83		
3	64QAM	1	8	13.94	14.11	13.95	15	0
3	64QAM	1	14	13.87	13.84	14.02		
3	64QAM	8	0	13.91	14.02	13.82	15	0
3	64QAM	8	4	14.14	13.93	13.95		
3	64QAM	8	7	13.95	13.89	13.85		
3	64QAM	15	0	13.92	14.01	13.91	15	0
3	256QAM	1	0	14.07	14.09	13.91		
3	256QAM	1	8	13.82	14.05	14.15		
3	256QAM	1	14	13.80	13.98	13.92		
3	256QAM	8	0	13.84	14.01	13.91	15	0
3	256QAM	8	4	13.88	13.93	14.12		
3	256QAM	8	7	13.86	13.88	14.04		
3	256QAM	15	0	13.94	13.91	13.98		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.96	14.17	14.01	15	0
1.4	QPSK	1	3	14.08	13.98	13.97		
1.4	QPSK	1	5	13.92	13.86	13.86		
1.4	QPSK	3	0	13.91	14.11	14.05	15	0
1.4	QPSK	3	1	13.78	13.79	13.81		
1.4	QPSK	3	3	13.91	13.88	14.01		
1.4	QPSK	6	0	13.98	13.96	13.95	15	0
1.4	16QAM	1	0	14.04	14.04	13.94	15	0
1.4	16QAM	1	3	13.94	14.03	14.02		
1.4	16QAM	1	5	13.84	14.01	13.84		
1.4	16QAM	3	0	13.84	14.01	13.91	15	0
1.4	16QAM	3	1	13.94	13.93	13.90		
1.4	16QAM	3	3	13.90	14.01	13.82		
1.4	16QAM	6	0	13.96	13.96	13.96	15	0
1.4	64QAM	1	0	13.86	14.08	13.83	15	0
1.4	64QAM	1	3	13.94	14.11	13.95		
1.4	64QAM	1	5	13.87	13.84	14.02		
1.4	64QAM	3	0	13.91	14.02	13.82	15	0
1.4	64QAM	3	1	14.14	13.93	13.95		
1.4	64QAM	3	3	13.95	13.89	13.85		
1.4	64QAM	6	0	13.92	14.01	13.91	15	0
1.4	256QAM	1	0	14.07	14.09	13.91	15	0
1.4	256QAM	1	3	13.82	14.05	14.15		
1.4	256QAM	1	5	13.80	13.98	13.92		
1.4	256QAM	3	0	13.84	14.01	13.91	15	0
1.4	256QAM	3	1	13.88	13.93	14.12		
1.4	256QAM	3	3	13.86	13.88	14.04		
1.4	256QAM	6	0	13.94	13.91	13.98	15	0

Band 4 Ant 0 DSI7 sig path: 69

BW [MHz]	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	16.11	16.15	16.03	17	0
20	QPSK	1	49	16.05	16.07	16.13		
20	QPSK	1	99	16.03	15.96	15.97		
20	QPSK	50	0	16.10	16.12	16.03	17	0
20	QPSK	50	24	16.09	16.01	16.10		
20	QPSK	50	50	16.02	16.10	15.99		
20	QPSK	100	0	16.06	16.09	16.01		
20	16QAM	1	0	16.08	16.05	16.01	17	0
20	16QAM	1	49	16.12	16.05	15.97		
20	16QAM	1	99	16.02	16.04	16.09		
20	16QAM	50	0	16.05	15.91	16.10	17	0
20	16QAM	50	24	16.11	15.91	16.12

Band 25 Ant 0 DSI7 sig path: 45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	14.15	14.24	14.15		
20	QPSK	1	49	14.12	14.18	14.07	15	0
20	QPSK	1	99	13.98	13.98	13.97		
20	QPSK	50	0	14.17	14.19	14.13		
20	QPSK	50	24	14.11	14.05	14.04	15	0
20	QPSK	50	50	13.93	14.00	14.00		
20	QPSK	100	0	14.02	14.13	13.98		
20	16QAM	1	0	14.18	14.08	13.98		
20	16QAM	1	49	14.12	14.24	14.08	15	0
20	16QAM	1	99	13.90	14.18	14.01		
20	16QAM	50	0	14.08	13.94	13.95		
20	16QAM	50	24	14.10	13.99	14.04	15	0
20	16QAM	50	50	14.03	14.05	14.04		
20	16QAM	100	0	14.03	14.15	14.13		
20	64QAM	1	0	14.06	14.03	14.03		
20	64QAM	1	49	14.04	14.18	14.13	15	0
20	64QAM	1	99	13.94	13.97	14.15		
20	64QAM	50	0	14.10	14.07	14.07		
20	64QAM	50	24	14.10	14.04	14.14	15	0
20	64QAM	50	50	14.04	13.98	13.98		
20	64QAM	100	0	14.07	14.07	14.00		
20	256QAM	1	0	14.01	14.02	13.90		
20	256QAM	1	49	14.01	13.98	14.07	15	0
20	256QAM	1	99	14.04	14.06	14.17		
20	256QAM	50	0	14.03	13.99	14.10		
20	256QAM	50	24	14.13	14.04	14.15	15	0
20	256QAM	50	50	13.97	14.00	14.16		
20	256QAM	100	0	14.06	14.12	14.12		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	14.03	14.23	14.01		
15	QPSK	1	37	14.01	14.07	14.03	15	0
15	QPSK	1	74	13.97	13.92	13.84		
15	QPSK	36	0	14.07	14.04	14.04		
15	QPSK	36	20	14.07	14.00	13.93	15	0
15	QPSK	36	39	13.87	13.94	13.81		
15	QPSK	75	0	13.92	13.94	13.98		
15	16QAM	1	0	14.12	13.93	13.92		
15	16QAM	1	37	13.96	13.85	14.02	15	0
15	16QAM	1	74	13.89	14.03	13.99		
15	16QAM	36	0	13.97	13.76	13.77		
15	16QAM	36	20	13.94	13.87	13.96	15	0
15	16QAM	36	39	14.00	13.98	13.92		
15	16QAM	75	0	13.95	14.00	14.10		
15	64QAM	1	0	13.89	14.02	14.02		
15	64QAM	1	37	13.96	13.98	14.03	15	0
15	64QAM	1	74	13.89	13.85	14.08		
15	64QAM	36	0	13.95	14.02	13.97		
15	64QAM	36	20	14.03	13.97	14.12	15	0
15	64QAM	36	39	13.97	13.94	13.78		
15	64QAM	75	0	13.89	13.97	13.95		
15	256QAM	1	0	13.97	13.93	13.76		
15	256QAM	1	37	13.85	13.82	13.96	15	0
15	256QAM	1	74	13.89	13.86	13.98		
15	256QAM	36	0	13.84	13.88	13.91		
15	256QAM	36	20	14.01	13.87	14.12	15	0
15	256QAM	36	39	13.87	13.94	14.00		
15	256QAM	75	0	13.86	14.02	14.01		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	14.03	14.23	14.01		
10	QPSK	1	25	14.01	14.07	14.03	15	0
10	QPSK	1	49	13.97	13.92	13.84		
10	QPSK	25	0	14.07	14.04	14.04		
10	QPSK	25	12	14.07	14.00	13.93	15	0
10	QPSK	25	25	13.87	13.94	13.81		
10	QPSK	50	0	13.92	13.94	13.98		
10	16QAM	1	0	14.12	13.93	13.92		
10	16QAM	1	25	13.96	13.85	14.02	15	0
10	16QAM	1	49	13.89	14.03	13.99		
10	16QAM	25	0	13.97	13.76	13.77		
10	16QAM	25	12	14.00	13.87	13.96	15	0
10	16QAM	25	25	14.00	13.98	13.92		
10	16QAM	50	0	13.95	14.00	14.10		
10	64QAM	1	0	13.89	14.02	14.02		
10	64QAM	1	25	13.96	13.98	14.03	15	0
10	64QAM	1	49	13.89	13.88	14.08		
10	64QAM	25	0	13.95	14.02	13.97		
10	64QAM	25	12	14.03	13.97	14.12	15	0
10	64QAM	25	25	13.97	13.94	13.78		
10	64QAM	50	0	13.89	13.97	13.95		
10	256QAM	1	0	13.97	13.93	13.76		
10	256QAM	1	25	13.85	13.82	13.96	15	0
10	256QAM	1	49	13.89	13.86	13.98		
10	256QAM	25	0	13.84	13.88	13.91		
10	256QAM	25	12	14.01	13.87	14.12	15	0
10	256QAM	25	25	13.87	13.94	14.00		
10	256QAM	50	0	13.86	14.02	14.01		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	14.03	14.23	14.01		
5	QPSK	1	12	14.01	14.07	14.03	15	0
5	QPSK	1	24	13.97	13.92	13.84		
5	QPSK	12	0	14.07	14.04	14.04		
5	QPSK	12	7	14.07	14.00	13.93	15	0
5	QPSK	12	13	13.87	13.94	13.81		
5	QPSK	25	0	13.92	13.94	13.98		
5	16QAM	1	0	14.12	13.93	13.92		
5	16QAM	1	12	13.96	13.85	14.02	15	0
5	16QAM	1	24	13.89	14.03	13.99		
5	16QAM	12	0	13.97	13.76	13.77		
5	16QAM	12	7	13.94	13.87	13.96	15	0
5	16QAM	12	13	14.00	13.98	13.92		
5	16QAM	25	0	13.95	14.00	14.10		
5	64QAM	1	0	13.89	14.02	14.02		
5	64QAM	1	12	13.96	13.98	14.03	15	0
5	64QAM	1	24	13.89	13.88	14.08		
5	64QAM	12	0	13.95	14.02	13.97		
5	64QAM	12	7	14.03	13.97	14.12	15	0
5	64QAM	12	13	13.97	13.94	13.78		
5	64QAM	25	0	13.89	13.97	13.95		
5	256QAM	1	0	13.97	13.93	13.76		
5	256QAM	1	12	13.85	13.82	13.96	15	0
5	256QAM	1	24	13.89	13.86	13.98		
5	256QAM	12	0	13.84	13.88	13.91		
5	256QAM	12	7	14.01	13.87	14.12	15	0
5	256QAM	12	13	13.87	13.94	14.00		
5	256QAM	25	0	13.86	14.02	14.01		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	14.03	14.23	14.01		
3	QPSK	1	8	14.01	14.07	14.03	15	0
3	QPSK	1	14	13.97	13.92	13.84		
3	QPSK	8	0	14.07	14.04	14.04		
3	QPSK	8	4	14.07	14.00	13.93	15	0
3	QPSK	8	7	13.87	13.94	13.81		
3	QPSK	15	0	13.92	13.94	13.98		
3	16QAM	1	0	14.12	13.93	13.92		
3	16QAM	1	8	13.96	13.85	14.02	15	0
3	16QAM	1	14	13.89	14.03	13.99		
3	16QAM	8	0	13.97	13.76	13.77		
3	16QAM	8	4	13.94	13.87	13.96	15	0
3	16QAM	8	7	14.00	13.98	13.92		
3	16QAM	15	0	13.95	14.00	14.10		
3	64QAM	1	0	13.89	14.02	14.02		
3	64QAM	1	8	13.96	13.98	14.03	15	0
3	64QAM	1	14	13.89	13.88	14.08		
3	64QAM	8	0	13.95	14.02	13.97		
3	64QAM	8	4	14.03	13.97	14.12	15	0
3	64QAM	8	7	13.97	13.94	13.78		
3	64QAM	15	0	13.89	13.97	13.95		
3	256QAM	1	0	13.97	13.93	13.76		
3	256QAM	1	8	13.85	13.82	13.96	15	0
3	256QAM	1	14	13.89	13.86	13.98		
3	256QAM	8	0	13.84	13.88	13.91		
3	256QAM	8	4	14.01	13.87	14.12	15	0
3	256QAM	8	7	13.87	13.94	14.00		
3	256QAM	15	0	13.86	14.02	14.01		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	14.03	14.23	14.01		
1.4	QPSK	1	3	14.01	14.07	14.03		
1.4	QPSK	1	5	13.97	13.92	13.84	15	0
1.4	QPSK	3	0	14.07	14.04	14.04		
1.4	QPSK	3	1	14.07	14.00	13.93		
1.4	QPSK	3	3	13.87	13.94	13.81		
1.4	QPSK	6	0	13.92	13.94	13.98	15	0
1.4	16QAM	1	0	14.12	13.93	13.92		
1.4	16QAM	1	3	13.96	13.85	14.02	15	0
1.4	16QAM	1	5	13.89	14.03	13.99		
1.4	16QAM	3	0	13.97	13.76	13.77		
1.4	16QAM	3	1	13.94	13.87	13.96		
1.4	16QAM	3	3	14.00	13.98	13.92		
1.4	16QAM	6	0	13.95	14.00	14.10	15	0
1.4	64QAM	1	0	13.89	14.02	14.02		
1.4	64QAM	1	3	13.96	13.98	14.03		
1.4	64QAM	1	5	13.89	13.88	14.08	15	0
1.4	64QAM	3	0	13.95	14.02	13.97		
1.4	64QAM	3	1	14.03	13.97	14.12		
1.4	64QAM	3	3	13.97	13.94	13.78		
1.4	64QAM	6	0	13.89	13.97	13.95	15	0
1.4	256QAM	1	0	13.97	13.93	13.76		
1.4	256QAM	1	3	13.85	13.82	13.96		
1.4	256QAM	1	5	13.89	13.86	13.98	15	0
1.4	256QAM	3	0	13.84	13.88	13.91		
1.4	256QAM	3	1	14.01	13.87	14.12		
1.4	256QAM	3	3	13.87	13.94	14.00		
1.4	256QAM	6	0	13.86	14.02	14.01	15	0

Band 25 Ant 0 DSI7 sig path: 457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	14.06	14.22	14.19		
20	QPSK	1	49	14.08	14.05	14.13	15	0
20	QPSK	1	99	14.03	13.98	14.00		
20	QPSK	50	0	14.11	14.15	14.03		
20	QPSK	50	24	14.06	14.03	14.07	15	0
20	QPSK	50	50	14.09	14.14	13.95		
20	QPSK	100	0	13.98	14.19	14.05		
20	16QAM	1	0	14.04	13.93	14.14		
20	16QAM	1	49	14.02	14.12	13.99	15	0
20	16QAM	1	99	13.98	14.18	14.12		
20	16QAM	50	0	14.10	13.95	13.96		
20	16QAM	50	24	14.09	14.00	14.03	15	0
20	16QAM	50	50	14.05	14.03	13.96		
20	16QAM	100	0	13.97	14.11	14.00		
20	64QAM	1	0	14.07	14.13	14.04		
20	64QAM	1	49	14.10	14.02	14.12	15	0
20	64QAM	1	99	13.94	13.96	14.15		
20	64QAM	50	0	14.10	13.97	14.01		
20	64QAM	50	24	14.09	14.10	14.05	15	0
20	64QAM	50	50	13.95	14.06	13.96		
20	64QAM	100	0	14.05	14.06	14.07		
20	256QAM	1	0	13.95	13.98	13.90		
20	256QAM	1	49	14.10	14.06	14.18	15	0
20	256QAM	1	99	14.06	14.11	14.02		
20	256QAM	50	0	13.92	14.08	13.92		
20	256QAM	50	24	14.06	13.98	14.09	15	0
20	256QAM	50	50	14.05	13.98	14.10		
20	256QAM	100	0	14.02	13.98	14.11		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.86	14.17	14.00		
15	QPSK	1	37	13.93	13.88	14.11	15	0
15	QPSK	1	74	14.01	13.80	13.90		
15	QPSK	36	0	14.10	14.03	13.97		
15	QPSK	36	20	13.92	13.95	13.97	15	0
15	QPSK	36	39	14.05	14.05	13.84		
15	QPSK	75	0	13.80	14.00	14.00		
15	16QAM	1	0	13.88	13.73	13.97		
15	16QAM	1	37	13.96	13.79	13.97	15	0
15	16QAM	1	74	13.96	14.00	14.07		
15	16QAM	36	0	14.05	13.89	13.79		
15	16QAM	36	20	13.97	13.88	13.87	15	0
15	16QAM	36	39	13.96	13.86	13.85		
15	16QAM	75	0	13.84	13.94	13.88		
15	64QAM	1	0	14.06	14.06	14.01		
15	64QAM	1	37	14.04	13.86	13.95	15	0
15	64QAM	1	74	13.89	13.76	14.03		
15	64QAM	36	0	13.89	14.09	13.87		
15	64QAM	36	20	13.97	13.94	13.95	15	0
15	64QAM	36	39	14.08	13.98	13.95		
15	64QAM	75	0	13.92	13.91	13.93		
15	256QAM	1	0	13.92	13.96	13.90		
15	256QAM	1	37	14.07	14.05	14.11	15	0
15	256QAM	1	74	13.98	13.92	13.87		
15	256QAM	36	0	13.98	14.01	13.85		
15	256QAM	36	20	13.82	13.94	14.07	15	0
15	256QAM	36	39	13.87	13.94	13.92		
15	256QAM	75	0	14.00	13.79	13.94		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	13.86	14.17	14.00		
10	QPSK	1	25	13.93	13.88	14.11	15	0
10	QPSK	1	49	14.01	13.80	13.90		
10	QPSK	25	0	14.00	14.03	13.97		
10	QPSK	25	12	13.92	13.94	13.97	15	0
10	QPSK	25	25	14.05	14.05	13.84		
10	QPSK	50	0	13.80	14.00	14.00		
10	16QAM	1	0	13.88	13.73	13.97		
10	16QAM	1	25	14.00	13.94	13.79	15	0
10	16QAM	1	49	13.96	14.00	14.07		
10	16QAM	25	0	14.05	13.89	13.79		
10	16QAM	25	12	13.97	13.88	13.97	15	0
10	16QAM	25	25	13.96	13.86	13.85		
10	16QAM	50	0	13.84	13.94	13.88		
10	64QAM	1	0	14.06	14.06	14.01		
10	64QAM	1	25	13.96	13.98	13.95	15	0
10	64QAM	1	49	13.89	13.76	14.03		
10	64QAM	25	0	13.89	14.09	13.87		
10	64QAM	25	12	13.97	13.94	13.95	15	0
10	64QAM	25	25	14.08	13.98	13.95		
10	64QAM	50	0	13.92	13.91	13.93		
10	256QAM	1	0	13.92	13.96	13.90		
10	256QAM	1	25	14.07	14.05	14.11	15	0
10	256QAM	1	49	13.98	13.92	13.87		
10	256QAM	25	0	13.73	14.01	13.85		
10	256QAM	25	12	13.82	13.94	14.07	15	0
10	256QAM	25	25	13.87	13.94	13.92		
10	256QAM	50	0	14.02	13.79	13.94		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	13.86	14.17	14.00		
5	QPSK	1	12	13.93	13.88	14.11	15	0
5	QPSK	1	24	14.01	13.80	13.90		
5	QPSK	12	0	14.10	14.03	13.97		
5	QPSK	12	7	13.92	13.94	13.97	15	0
5	QPSK	12	13	14.05	14.05	13.84		
5	QPSK	25	0	13.80	14.00	14.00		
5	16QAM	1	0	13.88	13.73	13.97		
5	16QAM	1	12	14.00	13.94	13.79	15	0
5	16QAM	1	24	13.96	14.00	14.07		
5	16QAM	12	0	13.97	13.89	13.79		
5	16QAM	12	7	13.97	13.88	13.87	15	0
5	16QAM	12	13	13.96	13.86	13.85		
5	16QAM	25	0	13.84	13.94	13.88		
5	64QAM	1	0	14.06	14.06	14.01		
5	64QAM	1	12	14.04	13.86	13.95	15	0
5	64QAM	1	24	13.89	13.76	14.03		
5	64QAM	12	0	13.89	14.09	13.87		
5	64QAM	12	7	14.00	13.97	13.95	15	0
5	64QAM	12	13	14.08	13.98	13.95		
5	64QAM	25	0	13.92	13.91	13.93		
5	256QAM	1	0	13.92	13.96	13.90		
5	256QAM	1	12	14.07	14.05	14.11	15	0
5	256QAM	1	24	13.98	13.92	13.87		
5	256QAM	12	0	13.73	14.01	13.85		
5	256QAM	12	7	13.82	13.94	14.07	15	0
5	256QAM	12	13	13.87	13.94	13.92		
5	256QAM	25	0	14.00	13.79	13.94		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	13.86	14.17	14.00		
3	QPSK	1	8	13.93	13.88	14.11	15	0
3	QPSK	1	14	14.01	13.80	13.90		
3	QPSK	8	0	14.10	14.03	13.97		
3	QPSK	8	4	13.92	13.94	13.97	15	0
3	QPSK	8	7	14.05	14.05	13.84		
3	QPSK	15	0	13.80	14.00	14.00		
3	16QAM	1	0	13.88	13.73	13.97		
3	16QAM	1	8	14.00	13.94	13.79	15	0
3	16QAM	1	14	13.96	14.00	14.07		
3	16QAM	8	0	14.05	13.89	13.79		
3	16QAM	8	4	13.97	13.88	13.87	15	0
3	16QAM	8	7	13.96	13.86	13.85		
3	16QAM	15	0	13.84	13.94	13.88		
3	64QAM	1	0	14.06	14.06	14.01		
3	64QAM	1	8	14.04	13.86	13.95	15	0
3	64QAM	1	14	13.89	13.76	14.03		
3	64QAM	8	0	13.89	14.09	13.87		
3	64QAM	8	4	13.97	13.88	13.95	15	0
3	64QAM	8	7	14.08	13.98	13.95		
3	64QAM	15	0	13.92	13.91	13.93		
3	256QAM	1	0	13.92	13.96	13.90		
3	256QAM	1	8	14.07	14.05	14.11	15	0
3	256QAM	1	14	13.98	13.92	13.87		
3	256QAM	8	0	13.73	14.01	13.85		
3	256QAM	8	4	13.82	13.94	14.07	15	0
3	256QAM	8	7	13.87	13.94	13.92		
3	256QAM	15	0	14.00	13.79	13.94		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	13.86	14.17	14.00		
1.4	QPSK	1	3	13.93	13.88	14.11	15	0
1.4	QPSK	1	5	14.01	13.80	13.90		
1.4	QPSK	3	0	14.10	14.03	13.97		
1.4	QPSK	3	1	13.92	13.94	13.97		
1.4	QPSK	3	3	14.05	14.05	13.84		
1.4	QPSK	6	0	13.80	14.00	14.00	15	0
1.4	16QAM	1	0	13.88	13.73	13.97		
1.4	16QAM	1	3	14.00	13.94	13.79	15	0
1.4	16QAM	1	5	13.96	14.00	14.07		
1.4	16QAM	3	0	14.05	13.89	13.79		
1.4	16QAM	3	1	13.97	13.88	13.87		
1.4	16QAM	3	3	13.96	13.86	13.85		
1.4	16QAM	6	0	13.84	13.94	13.88	15	0
1.4	64QAM	1	0	14.06	14.06	14.01		
1.4	64QAM	1	3	14.04	13.86	13.95	15	0
1.4	64QAM	1	5	13.89	13.76	14.03		
1.4	64QAM	3	0	14.09	13.89	13.87		
1.4	64QAM	3	1	13.97	13.94	13.95		
1.4	64QAM	3	3	14.08	13.98	13.95		
1.4	64QAM	6	0	13.92	13.91	13.93	15	0
1.4	256QAM	1	0	13.92	13.96	13.90		
1.4	256QAM	1	3	14.07	14.05	14.11	15	0
1.4	256QAM	1	5	13.98	13.92	13.87		
1.4	256QAM	3	0	13.73	14.01	13.85		
1.4	256QAM	3	1	13.82	13.94	14.07	15	0
1.4	256QAM	3	3	13.87	13.94	13.92		
1.4	256QAM	6	0	14.00	13.79	13.94	15	0

Band 66 Ant 0 DSI7 sig path: 70

BW [MHz]	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	15.17	15.22	15.20		
20	QPSK	1	49	16.13	16.19	15.95	17	0
20	QPSK	1	99	15.99	16.04	16.06		
20	QPSK	50	0	16.15	16.20	16.18		
20	QPSK	50	24	15.94	16.02	15.99	17	0
20	QPSK	50	50	15.92	16.11	16.04		
20	QPSK	100	0	16.13	16.17	16.11		
20	16QAM	1	0	16.21	16.09	16.05		
20	16QAM	1	49	16.05	16.12	16.09	17	0
20	16QAM	1	99	16.04	16.03	16.11		
20	16QAM	50	0	16.10	15.90	16.03		
20	16QAM	50	24	16.06	16.08	16.00	17	0
20	16QAM	50	50	16.04	16.17	16.10		
20	16QAM	100	0	15.98

Band 2 Ant 4 DSI7 sig path: 44

BW [MHz]	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	15.53	15.68	15.65	16.5	0
20	QPSK	1	49	15.50	15.58	15.56		
20	QPSK	1	99	15.38	15.54	15.58		
20	QPSK	50	0	15.58	15.63	15.60		
20	QPSK	50	24	15.46	15.43	15.45		
20	QPSK	50	50	15.60	15.62	15.49		
20	QPSK	100	0	15.56	15.65	15.60		
20	16QAM	1	0	15.55	15.50	15.58		
20	16QAM	1	49	15.57	15.54	15.63	16.5	0
20	16QAM	1	99	15.40	15.66	15.64		
20	16QAM	50	0	15.50	15.44	15.58		
20	16QAM	50	24	15.64	15.53	15.56		
20	16QAM	50	50	15.55	15.54	15.59		
20	16QAM	100	0	15.64	15.66	15.55		
20	64QAM	1	0	15.58	15.56	15.56		
20	64QAM	1	49	15.61	15.60	15.54	16.5	0
20	64QAM	1	99	15.52	15.56	15.54		
20	64QAM	50	0	15.47	15.60	15.43		
20	64QAM	50	24	15.65	15.44	15.60		
20	64QAM	50	50	15.55	15.67	15.43		
20	64QAM	100	0	15.56	15.51	15.47		
20	256QAM	1	0	15.53	15.53	15.54		
20	256QAM	1	49	15.57	15.63	15.59	16.5	0
20	256QAM	1	99	15.55	15.61	15.58		
20	256QAM	50	0	15.43	15.60	15.53		
20	256QAM	50	24	15.47	15.53	15.64	16.5	0
20	256QAM	50	50	15.64	15.44	15.58		
20	256QAM	100	0	15.45	15.65	15.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.46	15.53	15.51	16.5	0
15	QPSK	1	37	15.45	15.44	15.45		
15	QPSK	1	74	15.25	15.40	15.30		
15	QPSK	36	0	15.48	15.60	15.43		
15	QPSK	36	20	15.29	15.42	15.30		
15	QPSK	36	39	15.58	15.61	15.36		
15	QPSK	75	0	15.34	15.53	15.53		
15	16QAM	1	0	15.40	15.36	15.44		
15	16QAM	1	37	15.50	15.34	15.48	16.5	0
15	16QAM	1	74	15.25	15.61	15.60		
15	16QAM	36	0	15.50	15.32	15.58		
15	16QAM	36	20	15.53	15.52	15.48		
15	16QAM	36	39	15.38	15.34	15.44	16.5	0
15	16QAM	75	0	15.47	15.56	15.52		
15	64QAM	1	0	15.45	15.55	15.51		
15	64QAM	1	37	15.58	15.44	15.34	16.5	0
15	64QAM	1	74	15.49	15.40	15.38		
15	64QAM	36	0	15.32	15.47	15.41		
15	64QAM	36	20	15.59	15.25	15.51	16.5	0
15	64QAM	36	39	15.54	15.53	15.42		
15	64QAM	75	0	15.51	15.33	15.40		
15	256QAM	1	0	15.35	15.52	15.49		
15	256QAM	1	37	15.44	15.53	15.55	16.5	0
15	256QAM	1	74	15.55	15.51	15.51		
15	256QAM	36	0	15.36	15.55	15.39		
15	256QAM	36	20	15.34	15.35	15.45	16.5	0
15	256QAM	36	39	15.45	15.27	15.47		
15	256QAM	75	0	15.42	15.58	15.45		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.48	15.53	15.51	16.5	0
10	QPSK	1	25	15.45	15.44	15.45		
10	QPSK	1	49	15.25	15.40	15.30		
10	QPSK	25	0	15.48	15.60	15.43		
10	QPSK	25	12	15.29	15.42	15.30	16.5	0
10	QPSK	25	25	15.58	15.61	15.36		
10	QPSK	50	0	15.34	15.53	15.53		
10	16QAM	1	0	15.40	15.36	15.44		
10	16QAM	1	25	15.50	15.34	15.48	16.5	0
10	16QAM	1	49	15.25	15.61	15.60		
10	16QAM	25	0	15.50	15.32	15.58		
10	16QAM	25	12	15.53	15.52	15.48	16.5	0
10	16QAM	25	25	15.38	15.34	15.44		
10	16QAM	50	0	15.47	15.56	15.52		
10	64QAM	1	0	15.45	15.55	15.51		
10	64QAM	1	25	15.58	15.44	15.34	16.5	0
10	64QAM	1	49	15.49	15.40	15.38		
10	64QAM	25	0	15.32	15.47	15.41		
10	64QAM	25	12	15.59	15.25	15.52	16.5	0
10	64QAM	25	25	15.54	15.53	15.42		
10	64QAM	50	0	15.51	15.33	15.40		
10	256QAM	1	0	15.35	15.52	15.49		
10	256QAM	1	25	15.44	15.53	15.55	16.5	0
10	256QAM	1	49	15.55	15.51	15.51		
10	256QAM	25	0	15.36	15.55	15.39		
10	256QAM	25	12	15.34	15.35	15.45	16.5	0
10	256QAM	25	25	15.45	15.27	15.47		
10	256QAM	50	0	15.42	15.58	15.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.46	15.53	15.51	16.5	0
5	QPSK	1	12	15.45	15.44	15.45		
5	QPSK	1	24	15.25	15.40	15.30		
5	QPSK	12	0	15.48	15.60	15.43		
5	QPSK	12	7	15.29	15.42	15.30	16.5	0
5	QPSK	12	13	15.58	15.61	15.36		
5	QPSK	25	0	15.34	15.53	15.53		
5	16QAM	1	0	15.40	15.36	15.44		
5	16QAM	1	12	15.50	15.34	15.48	16.5	0
5	16QAM	1	24	15.25	15.61	15.60		
5	16QAM	12	0	15.50	15.32	15.58		
5	16QAM	12	7	15.53	15.52	15.48	16.5	0
5	16QAM	12	13	15.38	15.34	15.44		
5	16QAM	25	0	15.47	15.56	15.52		
5	64QAM	1	0	15.45	15.55	15.51		
5	64QAM	1	12	15.58	15.44	15.34	16.5	0
5	64QAM	1	24	15.49	15.40	15.38		
5	64QAM	12	0	15.32	15.47	15.41		
5	64QAM	12	7	15.59	15.25	15.52	16.5	0
5	64QAM	12	13	15.54	15.53	15.42		
5	64QAM	25	0	15.51	15.33	15.40		
5	256QAM	1	0	15.35	15.52	15.49		
5	256QAM	1	12	15.44	15.53	15.55	16.5	0
5	256QAM	1	24	15.55	15.51	15.51		
5	256QAM	12	0	15.36	15.55	15.39		
5	256QAM	12	7	15.34	15.35	15.45	16.5	0
5	256QAM	12	13	15.45	15.27	15.47		
5	256QAM	25	0	15.42	15.58	15.45		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.46	15.53	15.51	16.5	0
3	QPSK	1	8	15.45	15.44	15.45		
3	QPSK	1	14	15.25	15.40	15.30		
3	QPSK	8	0	15.48	15.60	15.43		
3	QPSK	8	4	15.29	15.42	15.30	16.5	0
3	QPSK	8	7	15.58	15.61	15.36		
3	QPSK	15	0	15.34	15.53	15.53		
3	16QAM	1	0	15.40	15.36	15.44		
3	16QAM	1	8	15.50	15.34	15.48	16.5	0
3	16QAM	1	14	15.25	15.61	15.60		
3	16QAM	8	0	15.50	15.32	15.58		
3	16QAM	8	4	15.53	15.52	15.48	16.5	0
3	16QAM	8	7	15.38	15.34	15.44		
3	16QAM	15	0	15.47	15.56	15.52		
3	64QAM	1	0	15.45	15.55	15.51		
3	64QAM	1	8	15.58	15.44	15.34	16.5	0
3	64QAM	1	14	15.49	15.40	15.38		
3	64QAM	8	0	15.32	15.47	15.41		
3	64QAM	8	4	15.59	15.25	15.52	16.5	0
3	64QAM	8	7	15.54	15.53	15.42		
3	64QAM	15	0	15.51	15.33	15.40		
3	256QAM	1	0	15.35	15.52	15.49		
3	256QAM	1	8	15.44	15.53	15.55	16.5	0
3	256QAM	1	14	15.55	15.51	15.51		
3	256QAM	8	0	15.36	15.55	15.39		
3	256QAM	8	4	15.34	15.35	15.45	16.5	0
3	256QAM	8	7	15.45	15.27	15.47		
3	256QAM	15	0	15.42	15.58	15.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.46	15.53	15.51	16.5	0
1.4	QPSK	1	3	15.45	15.44	15.45		
1.4	QPSK	1	5	15.25	15.40	15.30		
1.4	QPSK	3	0	15.48	15.60	15.43		
1.4	QPSK	3	1	15.29	15.42	15.30		
1.4	QPSK	3	3	15.58	15.61	15.36		
1.4	QPSK	6	0	15.34	15.53	15.53	16.5	0
1.4	16QAM	1	0	15.40	15.36	15.44		
1.4	16QAM	1	3	15.50	15.34	15.48		
1.4	16QAM	1	5	15.25	15.61	15.60	16.5	0
1.4	16QAM	3	0	15.50	15.32	15.58		
1.4	16QAM	3	1	15.53	15.52	15.48		
1.4	16QAM	3	3	15.38	15.34	15.44		
1.4	16QAM	6	0	15.47	15.56	15.52	16.5	0
1.4	64QAM	1	0	15.45	15.55	15.51		
1.4	64QAM	1	3	15.58	15.44	15.34		
1.4	64QAM	1	5	15.49	15.40	15.38	16.5	0
1.4	64QAM	3	0	15.32	15.47	15.41		
1.4	64QAM	3	1	15.59	15.25	15.52		
1.4	64QAM	3	3	15.54	15.53	15.42		
1.4	64QAM	6	0	15.51	15.33	15.40	16.5	0
1.4	256QAM	1	0	15.35	15.52	15.49		
1.4	256QAM	1	3	15.44	15.53	15.55		
1.4	256QAM	1	5	15.55	15.51	15.51	16.5	0
1.4	256QAM	3	0	15.36	15.55	15.39		
1.4	256QAM	3	1	15.34	15.35	15.45		
1.4	256QAM	3	3	15.45	15.27	15.47		
1.4	256QAM	6	0	15.42	15.58	15.45	16.5	0

Band 2 Ant 4 DSI7 sig path: 456

BW [MHz]	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	15.62	15.66	15.58	16.5	0
20	QPSK	1	49	15.64	15.59	15.48		
20	QPSK	1	99	15.41	15.60	15.50		
20	QPSK	50	0	15.52	15.61	15.51		
20	QPSK	50	24	15.60	15.40	15.53		
20	QPSK	50	50	15.58	15.60	15.54		
20	QPSK	100	0	15.46	15.60	15.53		
20	16QAM	1	0	15.58	15.48	15.56		
20	16QAM	1	49	15.60	15.52	15.46	16.5	0
20	16QAM	1	99	15.56	15.60	15.60		
20	16QAM	50	0	15.50	15.60	15.51		
20	16QAM	50	24	15.48	15.57	15.62		
20	16QAM	50	50	15.53	15.50	15.45		
20	16QAM	100	0	15.63	15.50	15.59		
20	64QAM	1	0	15.65	15.57	15.58		
20	64QAM	1	49	15.46	15.56	15.57	16.5	0
20	64QAM	1	99	15.40	15.50	15.55		
20	64QAM	50	0	15.57	15.58	15.48		
20	64QAM	50	24	15.57	15.42	15.62	16.5	0
20	64QAM	50	50	15.55	15.53	15.47		
20	64QAM	100	0	15.51	15.53	15.50		
20	256QAM	1	0	15.54	15.48	15.58		
20	256QAM	1	49	15.60	15.59	15.56	16.5	0
20	256QAM	1	99	15.48	15.55	15.57		
20	256QAM	50	0	15.49	15.49	15.50		
20	256QAM	50	24	15.51	15.52	15.56	16.5	0
20	256QAM	50	50	15.51	15.49	15.53		
20	256QAM	100	0	15.43	15.64	15.46		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.45	15.60	15.46	16.5	0
15	QPSK	1	37	15.57	15.53	15.35		
15	QPSK	1	74	15.29	15.49	15.36		
15	QPSK	36	0	15.39	15.43	15.37		
15	QPSK	36	20	15.59	15.31	15.53		
15	QPSK	36	39	15.61	15.49	15.39		
15	QPSK	75	0	15.27	15.51	15.52		
15	16QAM	1	0	15.44	15.31	15.55		
15	16QAM	1	37	15.42	15.45	15.38	16.5	0
15	16QAM	1	74	15.29	15.53	15.60		
15	16QAM	36	0	15.45	15.32	15.49		
15	16QAM	36	20	15.39	15.50	15.62		
15	16QAM	36	39	15.36	15.44	15.39	16.5	0
15	16QAM	75	0	15.46	15.51	15.51		
15	64QAM	1	0	15.51	15.41	15.48		
15	64QAM	1	37	15.36	15.50	15.50	16.5	0
15	64QAM	1	74	15.33	15.44	15.38		
15	64QAM	36	0	15.57	15.43	15.44		
15	64QAM	36	20	15.52	15.24	15.51	16.5	0
15	64QAM	36	39	15.45	15.51	15.27		
15	64QAM	75	0	15.32	15.43	15.34		
15	256QAM	1	0	15.54	15.47	15.55		
15	256QAM	1	37	15.45	15.48	15.54	16.5	0
15	256QAM	1	74	15.39	15.52	15.46		
15	256QAM	36	0	15.41	15.33	15.44		
15	256QAM	36	20	15.43	15.45	15.44	16.5	0
15	256QAM	36	39	15.42	15.45	15.46		
15	256QAM	75	0	15.42	15.48	15.37		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.46	15.53	15.46	16.5	0
10	QPSK	1	25	15.57	15.53	15.35		
10	QPSK	1	49	15.29	15.49	15.36		
10	QPSK	25	0	15.39	15.43	15.37		
10	QPSK	25	12	15.59	15.31	15.53	16.5	0
10	QPSK	25	25	15.41	15.49	15.39		
10	QPSK	50	0	15.27	15.51	15.52		
10	16QAM	1	0	15.44	15.31	15.55		
10	16QAM	1	25	15.42	15.45	15.38	16.5	0
10	16QAM	1	49	15.39	15.60	15.60		
10	16QAM	25	0	15.45	15.32	15.49		
10	16QAM	25	12	15.39	15.50	15.62	16.5	0
10	16QAM	25	25	15.36	15.44	15.39		
10	16QAM	50	0	15.51	15.51	15.51		
10	64QAM	1	0	15.51	15.41	15.48		
10	64QAM	1	25	15.36	15.50	15.50	16.5	0
10	64QAM	1	49	15.33	15.44	15.38		
10	64QAM	25	0	15.57	15.43	15.44		
10	64QAM	25	12	15.52	15.24	15.51	16.5	0
10	64QAM	25	25	15.45	15.51	15.27		
10	64QAM	50	0	15.32	15.43	15.34		
10	256QAM	1	0	15.44	15.47	15.55		
10	256QAM	1	25	15.45	15.48	15.54	16.5	0
10	256QAM	1	49	15.39	15.52	15.46		
10	256QAM	25	0	15.41	15.33	15.44		
10	256QAM	25	12	15.43	15.44	15.46	16.5	0
10	256QAM	25	25	15.42	15.41	15.45		
10	256QAM	50	0	15.42	15.48	15.37		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.45	15.60	15.46	16.5	0
5	QPSK	1	12	15.57	15.53	15.35		
5	QPSK	1	24	15.29	15.49	15.36		
5	QPSK	12	0	15.39	15.43	15.37		
5	QPSK	12	7	15.59	15.31	15.53	16.5	0
5	QPSK	12	13	15.41	15.49	15.39		
5	QPSK	25	0	15.27	15.51	15.52		
5	16QAM	1	0	15.44	15.31	15.55		
5	16QAM	1	12	15.42	15.45	15.38	16.5	0
5	16QAM	1	24	15.39	15.43	15.60		
5	16QAM	12	0	15.45	15.32	15.49		
5	16QAM	12	7	15.39	15.50	15.62	16.5	0
5	16QAM	12	13	15.36	15.44	15.39		
5	16QAM	25	0	15.61	15.32	15.51		
5	64QAM	1	0	15.51	15.41	15.48		
5	64QAM	1	12	15.36	15.50	15.50	16.5	0
5	64QAM	1	24	15.33	15.44	15.38		
5	64QAM	12	0	15.57	15.43	15.44		
5	64QAM	12	7	15.52	15.24	15.51	16.5	0
5	64QAM	12	13	15.45	15.51	15.27		
5	64QAM	25	0	15.51	15.34	15.41		
5	256QAM	1	0	15.54	15.47	15.55		
5	256QAM	1	12	15.45	15.48	15.54	16.5	0
5	256QAM	1	24	15.39	15.52	15.46		
5	256QAM	12	0	15.41	15.44	15.44		
5	256QAM	12	7	15.43	15.45	15.44	16.5	0
5	256QAM	12	13	15.42	15.41	15.45		
5	256QAM	25	0	15.42	15.48	15.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.45	15.60	15.46	16.5	0
3	QPSK	1	8	15.57	15.53	15.35		
3	QPSK	1	14	15.29	15.49	15.36		
3	QPSK	8	0	15.39	15.43	15.37		
3	QPSK	8	4	15.59	15.31	15.53	16.5	0
3	QPSK	8	7	15.41	15.49	15.39		
3	QPSK	15	0	15.27	15.51	15.52		
3	16QAM	1	0	15.44	15.31	15.55		
3	16QAM	1	8	15.42	15.45	15.38	16.5	0
3	16QAM	1	14	15.39	15.43	15.60		
3	16QAM	8	0	15.45	15.32	15.49		
3	16QAM	8	4	15.39	15.50	15.62	16.5	0
3	16QAM	8	7	15.36	15.44	15.39		
3	16QAM	15	0	15.61	15.32	15.51		
3	64QAM	1	0	15.51	15.41	15.48		
3	64QAM	1	8	15.36	15.50	15.50	16.5	0
3	64QAM	1	14	15.33	15.44	15.38		
3	64QAM	8	0	15.57	15.43	15.44		
3	64QAM	8	4	15.52	15.24	15.51	16.5	0
3	64QAM	8	7	15.54	15.53	15.27		
3	64QAM	15	0	15.32	15.43	15.34		
3	256QAM	1	0	15.54	15.47	15.55		
3	256QAM	1	8	15.45	15.48	15.54	16.5	0
3	256QAM	1	14	15.39	15.52	15.46		
3	256QAM	8	0	15.41	15.33	15.44		
3	256QAM	8	4	15.43	15.45	15.44	16.5	0
3	256QAM	8	7	15.42	15.41	15.45		
3	256QAM	15	0	15.42	15.48	15.37		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.45	15.60	15.46	16.5	0
1.4	QPSK	1	3	15.57	15.53	15.35		
1.4	QPSK	1	5	15.29	15.49	15.36		
1.4	QPSK	3	0	15.39	15.43	15.37		
1.4	QPSK	3	1	15.59	15.31	15.53		
1.4	QPSK	3	3	15.41	15.49	15.39		
1.4	QPSK	6	0	15.27	15.51	15.52	16.5	0
1.4	16QAM	1	0	15.44	15.31	15.55		
1.4	16QAM	1	3	15.42	15.45	15.38		
1.4	16QAM	1	5	15.39	15.43	15.60	16.5	0
1.4	16QAM	3	0	15.45	15.32	15.49		
1.4	16QAM	3	1	15.39	15.50	15.62		
1.4	16QAM	3	3	15.36	15.44	15.39		
1.4	16QAM	6	0	15.61	15.32	15.51	16.5	0
1.4	64QAM	1	0	15.51	15.41	15.48		
1.4	64QAM	1	3	15.36	15.50	15.50	16.5	0
1.4	64QAM	1	5	15.33	15.44	15.38		
1.4	64QAM	3	0	15.57	15.43	15.44		
1.4	64QAM	3	1	15.52	15.24	15.51	16.5	0
1.4	64QAM	3	3	15.45	15.51	15.27		
1.4	64QAM	6	0	15.32	15.43	15.34	16.5	0
1.4	256QAM	1	0	15.54	15.47	15.55		
1.4	256QAM	1	3	15.45	15.48	15.54		
1.4	256QAM	1	5	15.39	15.52	15.46	16.5	0
1.4	256QAM	3	0	15.41	15.33	15.44		
1.4	256QAM	3	1	15.43	15.45	15.44		
1.4	256QAM	3	3	15.42	15.41	15.45		
1.4	256QAM	6	0	15.42	15.48	15.37	16.5	0

Band 4 Ant 4 DSI7 sig path: 69

BW [MHz]	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	17.76	17.80	17.70	18.5	0
20	QPSK	1	49	17.57	17.69	17.58		
20	QPSK	1	99	17.68	17.59	17.66		
20	QPSK	50	0	17.65	17.77	17.59		
20	QPSK	50	24	17.69	17.59	17.59		
20	QPSK	50	50	17.57	17.64	17.54		
20	QPSK	100	0	17.62	17.71	17.62		
20	16QAM	1	0	17.77	17.60	17.75		
20	16QAM	1	49	17.66	17.69	17.62	18.5	0
20	16QAM	1	99	17.59	17.65	17.66		
20	16QAM	50

Band 25 Ant 4 DSI7 sig path: 45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26500		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.64	15.79	15.71		
20	QPSK	1	49	15.68	15.71	15.68	16.5	0
20	QPSK	1	99	15.62	15.71	15.63		
20	QPSK	50	0	15.70	15.77	15.68		
20	QPSK	50	24	15.51	15.53	15.67	16.5	0
20	QPSK	50	50	15.68	15.66	15.64		
20	QPSK	100	0	15.61	15.71	15.68		
20	16QAM	1	0	15.61	15.62	15.63		
20	16QAM	1	49	15.73	15.62	15.60	16.5	0
20	16QAM	1	99	15.65	15.66	15.62		
20	16QAM	50	0	15.62	15.70	15.63		
20	16QAM	50	24	15.66	15.58	15.64	16.5	0
20	16QAM	50	50	15.64	15.62	15.56		
20	16QAM	100	0	15.62	15.75	15.72		
20	64QAM	1	0	15.72	15.66	15.50		
20	64QAM	1	49	15.66	15.72	15.61	16.5	0
20	64QAM	1	99	15.62	15.63	15.57		
20	64QAM	50	0	15.55	15.62	15.68		
20	64QAM	50	24	15.60	15.59	15.58	16.5	0
20	64QAM	50	50	15.52	15.64	15.56		
20	64QAM	100	0	15.64	15.60	15.53		
20	256QAM	1	0	15.62	15.66	15.64		
20	256QAM	1	49	15.62	15.73	15.77	16.5	0
20	256QAM	1	99	15.57	15.71	15.75		
20	256QAM	50	0	15.63	15.72	15.63		
20	256QAM	50	24	15.57	15.73	15.67	16.5	0
20	256QAM	50	50	15.57	15.67	15.78		
20	256QAM	100	0	15.70	15.69	15.60		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.55	15.73	15.68		
15	QPSK	1	37	15.58	15.60	15.58	16.5	0
15	QPSK	1	74	15.37	15.54	15.44		
15	QPSK	36	0	15.68	15.72	15.64		
15	QPSK	36	20	15.39	15.40	15.47	16.5	0
15	QPSK	36	39	15.64	15.63	15.47		
15	QPSK	75	0	15.43	15.65	15.51		
15	16QAM	1	0	15.41	15.54	15.44		
15	16QAM	1	37	15.54	15.59	15.55	16.5	0
15	16QAM	1	74	15.54	15.58	15.59		
15	16QAM	36	0	15.48	15.53	15.49		
15	16QAM	36	20	15.51	15.52	15.50	16.5	0
15	16QAM	36	39	15.59	15.42	15.39		
15	16QAM	75	0	15.51	15.66	15.65		
15	64QAM	1	0	15.66	15.53	15.47		
15	64QAM	1	37	15.55	15.66	15.44	16.5	0
15	64QAM	1	74	15.58	15.45	15.49		
15	64QAM	36	0	15.44	15.45	15.53		
15	64QAM	36	20	15.38	15.42	15.42	16.5	0
15	64QAM	36	39	15.38	15.54	15.48		
15	64QAM	75	0	15.51	15.48	15.52		
15	256QAM	1	0	15.46	15.60	15.58		
15	256QAM	1	37	15.61	15.64	15.57	16.5	0
15	256QAM	1	74	15.43	15.70	15.55		
15	256QAM	36	0	15.49	15.54	15.56		
15	256QAM	36	20	15.45	15.69	15.49	16.5	0
15	256QAM	36	39	15.42	15.68	15.68		
15	256QAM	75	0	15.60	15.55	15.46		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.55	15.73	15.68		
10	QPSK	1	25	15.60	15.58	15.60	16.5	0
10	QPSK	1	49	15.37	15.54	15.44		
10	QPSK	25	0	15.68	15.72	15.64		
10	QPSK	25	12	15.39	15.40	15.47	16.5	0
10	QPSK	25	25	15.64	15.63	15.47		
10	QPSK	50	0	15.43	15.65	15.51		
10	16QAM	1	0	15.41	15.54	15.44		
10	16QAM	1	25	15.54	15.59	15.55	16.5	0
10	16QAM	1	49	15.54	15.58	15.59		
10	16QAM	25	0	15.48	15.53	15.49		
10	16QAM	25	12	15.51	15.52	15.50	16.5	0
10	16QAM	25	25	15.59	15.42	15.39		
10	16QAM	50	0	15.55	15.74	15.65		
10	64QAM	1	0	15.66	15.53	15.47		
10	64QAM	1	25	15.55	15.66	15.44	16.5	0
10	64QAM	1	49	15.58	15.45	15.49		
10	64QAM	25	0	15.45	15.53	15.53		
10	64QAM	25	12	15.45	15.44	15.42	16.5	0
10	64QAM	25	25	15.38	15.54	15.48		
10	64QAM	50	0	15.51	15.48	15.52		
10	256QAM	1	0	15.46	15.60	15.58		
10	256QAM	1	25	15.56	15.64	15.61	16.5	0
10	256QAM	1	49	15.43	15.70	15.55		
10	256QAM	25	0	15.49	15.54	15.56		
10	256QAM	25	12	15.45	15.69	15.49	16.5	0
10	256QAM	25	25	15.42	15.41	15.68		
10	256QAM	50	0	15.60	15.55	15.46		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.55	15.73	15.68		
5	QPSK	1	12	15.60	15.58	15.60	16.5	0
5	QPSK	1	24	15.37	15.54	15.44		
5	QPSK	12	0	15.68	15.72	15.64		
5	QPSK	12	7	15.39	15.40	15.47	16.5	0
5	QPSK	12	13	15.64	15.63	15.47		
5	QPSK	25	0	15.43	15.65	15.51		
5	16QAM	1	0	15.41	15.54	15.44		
5	16QAM	1	12	15.54	15.59	15.55	16.5	0
5	16QAM	1	24	15.54	15.46	15.59		
5	16QAM	12	0	15.48	15.53	15.49		
5	16QAM	12	7	15.51	15.52	15.50	16.5	0
5	16QAM	12	13	15.59	15.39	15.39		
5	16QAM	25	0	15.55	15.74	15.65		
5	64QAM	1	0	15.66	15.53	15.47		
5	64QAM	1	12	15.55	15.66	15.44	16.5	0
5	64QAM	1	24	15.58	15.45	15.49		
5	64QAM	12	0	15.44	15.45	15.53		
5	64QAM	12	7	15.45	15.44	15.42	16.5	0
5	64QAM	12	13	15.38	15.54	15.48		
5	64QAM	25	0	15.51	15.48	15.52		
5	256QAM	1	0	15.46	15.60	15.58		
5	256QAM	1	12	15.56	15.64	15.61	16.5	0
5	256QAM	1	24	15.43	15.70	15.55		
5	256QAM	12	0	15.49	15.54	15.56		
5	256QAM	12	7	15.45	15.69	15.49	16.5	0
5	256QAM	12	13	15.42	15.41	15.68		
5	256QAM	25	0	15.60	15.55	15.46		
Channel				26040	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.55	15.73	15.68		
3	QPSK	1	8	15.60	15.58	15.60	16.5	0
3	QPSK	1	14	15.37	15.54	15.44		
3	QPSK	8	0	15.68	15.72	15.64		
3	QPSK	8	4	15.39	15.40	15.47	16.5	0
3	QPSK	8	7	15.64	15.63	15.47		
3	QPSK	15	0	15.43	15.65	15.51		
3	16QAM	1	0	15.41	15.54	15.44		
3	16QAM	1	8	15.54	15.59	15.55	16.5	0
3	16QAM	1	14	15.54	15.46	15.59		
3	16QAM	8	0	15.48	15.53	15.49		
3	16QAM	8	4	15.51	15.52	15.50	16.5	0
3	16QAM	8	7	15.59	15.42	15.39		
3	16QAM	15	0	15.55	15.74	15.65		
3	64QAM	1	0	15.66	15.53	15.47		
3	64QAM	1	8	15.55	15.66	15.44	16.5	0
3	64QAM	1	14	15.58	15.45	15.49		
3	64QAM	8	0	15.44	15.45	15.53		
3	64QAM	8	4	15.45	15.44	15.42	16.5	0
3	64QAM	8	7	15.38	15.54	15.48		
3	64QAM	15	0	15.51	15.48	15.52		
3	256QAM	1	0	15.46	15.60	15.58		
3	256QAM	1	8	15.56	15.64	15.61	16.5	0
3	256QAM	1	14	15.43	15.70	15.55		
3	256QAM	8	0	15.49	15.54	15.56		
3	256QAM	8	4	15.45	15.69	15.49	16.5	0
3	256QAM	8	7	15.42	15.41	15.68		
3	256QAM	15	0	15.60	15.55	15.46		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.55	15.73	15.68		
1.4	QPSK	1	3	15.60	15.58	15.60	16.5	0
1.4	QPSK	1	5	15.37	15.54	15.44		
1.4	QPSK	3	0	15.68	15.72	15.64		
1.4	QPSK	3	1	15.39	15.40	15.47		
1.4	QPSK	3	3	15.64	15.63	15.47		
1.4	QPSK	6	0	15.43	15.65	15.51	16.5	0
1.4	16QAM	1	0	15.41	15.54	15.44		
1.4	16QAM	1	3	15.54	15.59	15.55		
1.4	16QAM	1	5	15.54	15.46	15.59	16.5	0
1.4	16QAM	3	0	15.48	15.53	15.49		
1.4	16QAM	3	1	15.51	15.52	15.50		
1.4	16QAM	3	3	15.59	15.42	15.39		
1.4	16QAM	6	0	15.55	15.74	15.65	16.5	0
1.4	64QAM	1	0	15.66	15.53	15.47		
1.4	64QAM	1	3	15.55	15.66	15.44		
1.4	64QAM	1	5	15.58	15.45	15.49	16.5	0
1.4	64QAM	3	0	15.44	15.45	15.53		
1.4	64QAM	3	1	15.45	15.44	15.42		
1.4	64QAM	3	3	15.38	15.54	15.48		
1.4	64QAM	6	0	15.51	15.48	15.52	16.5	0
1.4	256QAM	1	0	15.46	15.60	15.58		
1.4	256QAM	1	3	15.56	15.64	15.61		
1.4	256QAM	1	5	15.43	15.70	15.55	16.5	0
1.4	256QAM	3	0	15.49	15.54	15.56		
1.4	256QAM	3	1	15.45	15.69	15.49		
1.4	256QAM	3	3	15.42	15.41	15.68		
1.4	256QAM	6	0	15.60	15.55	15.46	16.5	0

Band 25 Ant 4 DSI7 sig path: 457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26500		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.56	15.67	15.59		
20	QPSK	1	49	15.46	15.53	15.53	16.5	0
20	QPSK	1	99	15.48	15.56	15.45		
20	QPSK	50	0	15.55	15.64	15.60		
20	QPSK	50	24	15.43	15.59	15.59	16.5	0
20	QPSK	50	50	15.48	15.59	15.60		
20	QPSK	100	0	15.52	15.61	15.57		
20	16QAM	1	0	15.65	15.55	15.57		
20	16QAM	1	49	15.53	15.64	15.65	16.5	0
20	16QAM	1	99	15.40	15.57	15.46		
20	16QAM	50	0	15.44	15.56	15.46		
20	16QAM	50	24	15.51	15.56	15.56	16.5	0
20	16QAM	50	50	15.66	15.63	15.52		
20	16QAM	100	0	15.62	15.54	15.47		
20	64QAM	1	0	15.42	15.52	15.54		
20	64QAM	1	49	15.43	15.56	15.48	16.5	0
20	64QAM	1	99	15.55	15.52	15.65		
20	64QAM	50	0	15.44	15.51	15.42		
20	64QAM	50	24	15.66	15.42	15.49	16.5	0
20	64QAM	50	50	15.54	15.59	15.59		
20	64QAM	100	0	15.53	15.51	15.47		
20	256QAM	1	0	15.43	15.57	15.54		
20	256QAM	1	49	15.49	15.47	15.61	16.5	0
20	256QAM	1	99	15.58	15.54	15.48		
20	256QAM	50	0	15.43	15.49	15.49		
20	256QAM	50	24	15.51	15.48	15.61	16.5	0
20	256QAM	50	50	15.60	15.66	15.66		
20	256QAM	100	0	15.47	15.57	15.56		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.48	15.66	15.56		
15	QPSK	1	37	15.51	15.55	15.58	16.5	0
15	QPSK	1	74	15.40	15.52	15.32		
15	QPSK	36	0	15.52	15.49	15.43		
15	QPSK	36	20	15.26	15.46	15.52	16.5	0
15	QPSK	36	39	15.37	15.52	15.55		
15	QPSK	75	0	15.37	15.41	15.43		
15	16QAM	1	0	15.45	15.46	15.56		
15	16QAM	1	37	15.40	15.52	15.47	16.5	0
15	16QAM	1	74	15.39	15.51	15.46		
15	16QAM	36	0	15.26	15.36	15.29		
15	16QAM	36	20	15.37	15.39	15.53	16.5	0
15	16QAM	36	39	15.49	15.56	15.38		
15	16QAM	75	0	15.59	15.52	15.42		
15	64QAM	1	0	15.31	15.44	15.45		
15	64QAM	1	37	15.30	15.52	15.40	16.5	0
15	64QAM	1	74	15.39	15.33	15.61		
15	64QAM	36	0	15.41	15.43	15.29		
15	64QAM	36	20	15.60	15.48	15.43	16.5	0
15	64QAM	36	39	15.53	15.43	15.56		
15	64QAM	75	0	15.52	15.46	15.34		
15	256QAM	1	0	15.34	15.52	15.46		
15	256QAM	1	37	15.56	15.53	15.53	16.5	0
15	256QAM	1	74	15.56	15.44	15.30		
15	256QAM	36	0	15.29	15.41	15.39		
15	256QAM	36	20	15.44	15.47	15.59	16.5	0
15	256QAM	36	39	15.53	15.57	15.61		
15	256QAM	75	0	15.31	15.46	15.45		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.45	15.66	15.56		
10	QPSK	1	25	15.29	15.51	15.50	16.5	0
10	QPSK	1	49	15.40	15.52	15.32		
10	QPSK	25	0	15.52	15.49	15.43		
10	QPSK	25	12	15.26	15.46	15.52	16.5	0
10	QPSK	25	25	15.37	15.55	15.55		
10	QPSK	50	0	15.47	15.41	15.43		
10	16QAM	1	0	15.45	15.46	15.56		
10	16QAM	1	25	15.40	15.52	15.47	16.5	0
10	16QAM	1	49	15.36	15.46	15.41		
10	16QAM	25	0	15.26	15.36	15.29		
10	16QAM	25	12	15.37	15.39	15.53	16.5	0
10	16QAM	25	25	15.49	15.56	15.38		
10	16QAM	50	0	15.56	15.45	15.32		
10	64QAM	1	0	15.31	15.44	15.45		
10	64QAM	1	25	15.30	15.52	15.40	16.5	0
10	64QAM	1	49	15.39	15.33	15.61		
10	64QAM	25	0	15.43	15.29	15.43		
10	64QAM	25	12	15.60	15.23	15.43	16.5	0
10	64QAM	25	25	15.53	15.56	15.50		
10	64QAM	50	0	15.52	15.46	15.34		
10	256QAM	1	0	15.34	15.52	15.46		
10	256QAM	1	25	15.41	15.41	15.53	16.5	0
10	256QAM	1	49	15.56	15.44	15.30		
10	256QAM	25	0	15.29	15.41	15.39		
10	256QAM	25	12	15.60	15.43	15.59	16.5	0
10	256QAM	25	25	15.53	15.57	15.61		
10	256QAM	50	0	15.31	15.46	15.45		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.48	15.66	15.56		
5	QPSK	1	12	15.29	15.51	15.50	16.5	0
5	QPSK	1	24	15.40	15.52	15.32		
5	QPSK	12	0	15.52	15.49	15.43		
5	QPSK	12	7	15.26	15.46	15.52	16.5	0
5	QPSK	12	13	15.37	15.52	15.55		
5	QPSK	25	0	15.47	15.41	15.43		
5	16QAM	1	0	15.45	15.46	15.56		
5	16QAM	1	12	15.39	15.47	15.47	16.5	0
5	16QAM	1	24	15.39	15.56	15.41		
5	16QAM	12	0	15.26	15.36	15.29		
5	16QAM	12	7	15.37	15.39	15.53	16.5	0
5	16QAM	12	13	15.49	15.56	15.38		
5	16QAM	25	0	15.56	15.45	15.32		
5	64QAM	1	0	15.31	15.44	15.45		
5	64QAM	1	12	15.30	15.52	15.40	16.5	0
5	64QAM	1	24	15.39	15.33	15.61		
5	64QAM	12	0	15.41	15.43	15.29		
5	64QAM	12	7	15.60	15.23	15.43	16.5	0
5	64QAM	12	13	15.53	15.56	15.50		
5	64QAM	25	0	15.52	15.46	15.34		
5	256QAM	1	0	15.34	15.52	15.46		
5	256QAM	1	12	15.41	15.41	15.53	16.5	0
5	256QAM	1	24	15.56	15.44	15.30		
5	256QAM	12	0	15.29	15.41	15.39		
5	256QAM	12	7	15.44	15.47	15.59	16.5	0
5	256QAM	12	13	15.53	15.57	15.61		
5	256QAM	25	0	15.31	15.46	15.45		
Channel				26040	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.48	15.66	15.56		
3	QPSK	1	8	15.29	15.51	15.50	16.5	0
3	QPSK	1	14	15.40	15.52	15.32		
3	QPSK	8	0	15.52	15.49	15.43		
3	QPSK	8	4	15.26	15.46	15.52	16.5	0
3	QPSK	8	7	15.37	15.52	15.55		
3	QPSK	15	0	15.47	15.41	15.43		
3	16QAM	1	0	15.45	15.46	15.56		
3	16QAM	1	8	15.40	15.52	15.47	16.5	0
3	16QAM	1	14	15.39	15.56	15.41		
3	16QAM	8	0	15.26	15.36	15.29		
3	16QAM	8	4	15.37	15.39	15.53	16.5	0
3	16QAM	8	7	15.49	15.56	15.38		
3	16QAM	15	0	15.56	15.45	15.32		
3	64QAM	1	0	15.31	15.44	15.45		
3	64QAM	1	8	15.30	15.52	15.40	16.5	0
3	64QAM	1	14	15.39	15.33	15.61		
3	64QAM	8	0	15.41	15.43	15.29		
3	64QAM	8	4	15.60	15.23	15.43	16.5	0
3	64QAM	8	7	15.53	15.56	15.50		
3	64QAM	15	0	15.52	15.46	15.34		
3	256QAM	1	0	15.34	15.52	15.46		
3	256QAM	1	8	15.41	15.41	15.53	16.5	0
3	256QAM	1	14	15.56	15.44	15.30		
3	256QAM	8	0	15.29	15.41	15.39		
3	256QAM	8	4	15.44	15.47	15.59	16.5	0
3	256QAM	8	7	15.53	15.57	15.61		
3	256QAM	15	0	15.31	15.46	15.45		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.48	15.66	15.56		
1.4	QPSK	1	3	15.29	15.51	15.50	16.5	0
1.4	QPSK	1	5	15.40	15.52	15.32		
1.4	QPSK	3	0	15.52	15.49	15.43		
1.4	QPSK	3	1	15.26	15.46	15.52		
1.4	QPSK	3	3	15.37	15.52	15.55		
1.4	QPSK	6	0	15.47	15.41	15.43	16.5	0
1.4	16QAM	1	0	15.45	15.46	15.56		
1.4	16QAM	1	3	15.40	15.52	15.47		
1.4	16QAM	1	5	15.39	15.56	15.41	16.5	0
1.4	16QAM	3	0	15.26	15.36	15.29		
1.4	16QAM	3	1	15.37	15.39	15.53		
1.4	16QAM	3	3	15.49	15.56	15.38		
1.4	16QAM	6	0	15.56	15.45	15.32	16.5	0
1.4	64QAM	1	0	15.31	15.44	15.45		
1.4	64QAM	1	3	15.30	15.52	15.40	16.5	0
1.4	64QAM	1	5	15.39	15.33	15.61		
1.4	64QAM	3	0	15.41	15.43	15.29		
1.4	64QAM	3	1	15.60	15.23	15.43	16.5	0
1.4	64QAM	3	3	15.53	15.56	15.50		
1.4	64QAM	6	0	15.52	15.46	15.34	16.5	0
1.4	256QAM	1	0	15.34	15.52	15.46		
1.4	256QAM	1	3	15.41	15.41	15.53	16.5	0
1.4	256QAM	1	5	15.56	15.44	15.30		
1.4	256QAM	3	0	15.29	15.41	15.39		
1.4	256QAM	3	1	15.44	15.47	15.59		
1.4	256QAM	3	3	15.53	15.57	15.61		
1.4	256QAM	6	0	15.31	15.46	15.45	16.5	0

Band 66 Ant 4 DSI7 sig path: 70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.75	17.88	17.87		
20	QPSK	1	49	17.68	17.80	17.77	18.5	0
20	QPSK	1	99	17.67	17.70	17.69		
20	QPSK	50	0	17.82	17.85	17.83		
20	QPSK	50	24	17.69	17.78	17.69	18.5	0
20	QPSK	50	50	17.62	17.80	17.78		
20	QPSK	100	0	17.81	17.82	17.79		
20	16QAM	1	0	17.76	17.68	17.77		
20	16QAM	1	49	17.72	17.85	17.70	18.

Reduced Power Mode for Other PA DSI7 ENDC&UL CA

Band 2 Ant 0 DSI7 sig path：44

BW [MHz]	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	11.42	11.63	11.57	12.5	0
20	QPSK	1	49	11.45	11.46	11.42		
20	QPSK	1	99	11.43	11.37	11.41		
20	QPSK	50	0	11.49	11.59	11.58		
20	QPSK	50	24	11.45	11.43	11.46		
20	QPSK	50	50	11.51	11.46	11.54		
20	QPSK	100	0	11.38	11.51	11.37		
20	16QAM	1	0	11.57	11.53	11.55	12.5	0
20	16QAM	1	49	11.46	11.40	11.53		
20	16QAM	1	99	11.34	11.38	11.51		
20	16QAM	50	0	11.44	11.49	11.44		
20	16QAM	50	24	11.38	11.39	11.61		
20	16QAM	50	50	11.56	11.52	11.44		
20	16QAM	100	0	11.51	11.52	11.47		
20	64QAM	1	0	11.35	11.51	11.46	12.5	0
20	64QAM	1	49	11.30	11.51	11.46		
20	64QAM	1	99	11.41	11.32	11.41		
20	64QAM	50	0	11.49	11.53	11.52		
20	64QAM	50	24	11.45	11.49	11.39		
20	64QAM	50	50	11.45	11.48	11.37		
20	64QAM	100	0	11.41	11.44	11.39		
20	256QAM	1	0	11.49	11.67	11.33	12.5	0
20	256QAM	1	49	11.33	11.51	11.47		
20	256QAM	1	99	11.50	11.43	11.44		
20	256QAM	50	0	11.35	11.49	11.37		
20	256QAM	50	24	11.41	11.54	11.43		
20	256QAM	50	50	11.44	11.48	11.43		
20	256QAM	100	0	11.37	11.62	11.38		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	11.28	11.49	11.55	12.5	0
15	QPSK	1	37	11.34	11.34	11.37		
15	QPSK	1	74	11.32	11.42	11.25		
15	QPSK	36	0	11.37	11.42	11.42		
15	QPSK	36	20	11.37	11.37	11.46		
15	QPSK	36	39	11.40	11.38	11.33		
15	QPSK	75	0	11.35	11.27	11.34		
15	16QAM	1	0	11.39	11.27	11.37	12.5	0
15	16QAM	1	37	11.33	11.37	11.49		
15	16QAM	1	74	11.29	11.38	11.36		
15	16QAM	36	0	11.28	11.37	11.27		
15	16QAM	36	20	11.24	11.43	11.52		
15	16QAM	36	39	11.38	11.43	11.34		
15	16QAM	75	0	11.40	11.45	11.29		
15	64QAM	1	0	11.32	11.50	11.33	12.5	0
15	64QAM	1	37	11.30	11.44	11.36		
15	64QAM	1	74	11.40	11.28	11.43		
15	64QAM	36	0	11.50	11.44	11.21		
15	64QAM	36	20	11.21	11.43	11.31		
15	64QAM	36	39	11.33	11.43	11.29		
15	64QAM	75	0	11.31	11.44	11.28		
15	256QAM	1	0	11.36	11.28	11.17	12.5	0
15	256QAM	1	37	11.11	11.43	11.32		
15	256QAM	1	74	11.30	11.35	11.24		
15	256QAM	36	0	11.35	11.42	11.32		
15	256QAM	36	20	11.36	11.39	11.37		
15	256QAM	36	39	11.32	11.32	11.29		
15	256QAM	75	0	11.29	11.41	11.33		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	11.34	11.46	11.57	12.5	0
10	QPSK	1	25	11.35	11.33	11.43		
10	QPSK	1	49	11.32	11.37	11.23		
10	QPSK	25	0	11.29	11.35	11.43		
10	QPSK	25	12	11.31	11.48	11.40		
10	QPSK	25	25	11.42	11.42	11.28		
10	QPSK	50	0	11.35	11.35	11.36		
10	16QAM	1	0	11.39	11.33	11.41	12.5	0
10	16QAM	1	25	11.33	11.32	11.58		
10	16QAM	1	49	11.34	11.28	11.46		
10	16QAM	25	0	11.31	11.39	11.30		
10	16QAM	25	12	11.31	11.34	11.52		
10	16QAM	25	25	11.33	11.38	11.34		
10	16QAM	50	0	11.44	11.37	11.29		
10	64QAM	1	0	11.26	11.55	11.30	12.5	0
10	64QAM	1	25	11.28	11.35	11.28		
10	64QAM	1	49	11.37	11.28	11.43		
10	64QAM	25	0	11.43	11.41	11.19		
10	64QAM	25	12	11.22	11.40	11.28		
10	64QAM	25	25	11.29	11.43	11.29		
10	64QAM	50	0	11.35	11.39	11.26		
10	256QAM	1	0	11.33	11.32	11.14	12.5	0
10	256QAM	1	25	11.14	11.45	11.35		
10	256QAM	1	49	11.34	11.38	11.27		
10	256QAM	25	0	11.33	11.42	11.33		
10	256QAM	25	12	11.38	11.41	11.36		
10	256QAM	25	25	11.31	11.39	11.32		
10	256QAM	50	0	11.21	11.42	11.36		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	11.36	11.51	11.48	12.5	0
5	QPSK	1	12	11.40	11.34	11.33		
5	QPSK	1	24	11.34	11.39	11.21		
5	QPSK	12	0	11.35	11.33	11.37		
5	QPSK	12	7	11.31	11.43	11.43		
5	QPSK	12	13	11.41	11.46	11.36		
5	QPSK	25	0	11.40	11.41	11.39		
5	16QAM	1	0	11.40	11.30	11.35	12.5	0
5	16QAM	1	12	11.32	11.38	11.57		
5	16QAM	1	24	11.39	11.31	11.44		
5	16QAM	12	0	11.37	11.36	11.22		
5	16QAM	12	7	11.29	11.36	11.58		
5	16QAM	12	13	11.35	11.33	11.37		
5	16QAM	25	0	11.38	11.37	11.33		
5	64QAM	1	0	11.25	11.48	11.33	12.5	0
5	64QAM	1	12	11.21	11.46	11.36		
5	64QAM	1	24	11.40	11.25	11.40		
5	64QAM	12	0	11.48	11.39	11.16		
5	64QAM	12	7	11.17	11.45	11.27		
5	64QAM	12	13	11.24	11.42	11.37		
5	64QAM	25	0	11.26	11.44	11.25		
5	256QAM	1	0	11.38	11.31	11.13	12.5	0
5	256QAM	1	12	11.20	11.43	11.37		
5	256QAM	1	24	11.31	11.34	11.22		
5	256QAM	12	0	11.32	11.39	11.32		
5	256QAM	12	7	11.27	11.34	11.36		
5	256QAM	12	13	11.32	11.41	11.32		
5	256QAM	25	0	11.33	11.49	11.32		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	11.25	11.47	11.52	12.5	0
3	QPSK	1	8	11.33	11.29	11.42		
3	QPSK	1	14	11.34	11.35	11.24		
3	QPSK	8	0	11.34	11.35	11.43		
3	QPSK	8	4	11.39	11.38	11.38		
3	QPSK	8	7	11.47	11.41	11.38		
3	QPSK	15	0	11.33	11.34	11.35		
3	16QAM	1	0	11.38	11.36	11.38	12.5	0
3	16QAM	1	8	11.31	11.33	11.51		
3	16QAM	1	14	11.37	11.34	11.40		
3	16QAM	8	0	11.30	11.31	11.31		
3	16QAM	8	4	11.30	11.41	11.52		
3	16QAM	8	7	11.29	11.33	11.39		
3	16QAM	15	0	11.41	11.41	11.29		
3	64QAM	1	0	11.28	11.51	11.36	12.5	0
3	64QAM	1	8	11.23	11.38	11.31		
3	64QAM	1	14	11.29	11.26	11.39		
3	64QAM	8	0	11.50	11.33	11.25		
3	64QAM	8	4	11.16	11.42	11.22		
3	64QAM	8	7	11.30	11.42	11.29		
3	64QAM	15	0	11.30	11.41	11.22		
3	256QAM	1	0	11.28	11.36	11.13	12.5	0
3	256QAM	1	8	11.33	11.46	11.38		
3	256QAM	1	14	11.34	11.33	11.20		
3	256QAM	8	0	11.34	11.41	11.30		
3	256QAM	8	4	11.27	11.35	11.34		
3	256QAM	8	7	11.29	11.37	11.32		
3	256QAM	15	0	11.22	11.41	11.30		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	11.33	11.48	11.50	12.5	0
1.4	QPSK	1	3	11.37	11.41	11.41		
1.4	QPSK	1	5	11.34	11.39	11.21		
1.4	QPSK	3	0	11.34	11.34	11.44		
1.4	QPSK	3	1	11.30	11.39	11.40		
1.4	QPSK	3	3	11.39	11.44	11.30		
1.4	QPSK	6	0	11.36	11.28	11.37	11.5	0
1.4	16QAM	1	0	11.33	11.39	11.38	12.5	0
1.4	16QAM	1	3	11.37	11.41	11.57		
1.4	16QAM	1	5	11.29	11.35	11.37		
1.4	16QAM	3	0	11.36	11.38	11.24		
1.4	16QAM	3	1	11.34	11.41	11.59		
1.4	16QAM	3	3	11.34	11.35	11.30		
1.4	16QAM	6	0	11.44	11.38	11.28	11.5	0
1.4	64QAM	1	0	11.35	11.54	11.32	12.5	0
1.4	64QAM	1	3	11.26	11.45	11.26		
1.4	64QAM	1	5	11.41	11.29	11.42		
1.4	64QAM	3	0	11.53	11.36	11.22		
1.4	64QAM	3	1	11.17	11.45	11.27		
1.4	64QAM	3	3	11.30	11.36	11.39		
1.4	64QAM	6	0	11.35	11.36	11.27	11.5	0
1.4	256QAM	1	0	11.27	11.34	11.19	12.5	0
1.4	256QAM	1	3	11.15	11.45	11.34		
1.4	256QAM	1	5	11.32	11.30	11.26		
1.4	256QAM	3	0	11.34	11.42	11.35		
1.4	256QAM	3	1	11.27	11.36	11.29		
1.4	256QAM	3	3	11.35	11.33	11.27		
1.4	256QAM	6	0	11.29	11.49	11.36	11.5	0

Band 2 Ant 0 DSI7 sig path：456

BW [MHz]	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	11.59	11.74	11.54	12.5	0
20	QPSK	1	49	11.53	11.51	11.62		
20	QPSK	1	99	11.57	11.60	11.40		
20	QPSK	50	0	11.59	11.66	11.65		
20	QPSK	50	24	11.46	11.44	11.54		
20	QPSK	50	50	11.50	11.58	11.49		
20	QPSK	100	0	11.53	11.64	11.51		
20	16QAM	1	0	11.52	11.50	11.49	12.5	0
20	16QAM	1	49	11.52	11.74	11.66		
20	16QAM	1	99	11.37	11.57	11.46		
20	16QAM	50	0	11.50	11.63	11.57		
20	16QAM	50	24	11.57	11.46	11.56		
20	16QAM	50	50	11.58	11.59	11.50		
20	16QAM	100	0	11.61	11.52	11.58		
20	64QAM	1	0	11.55	11.71	11.44	12.5	0
20	64QAM	1	49	11.49	11.71	11.53		
20	64QAM	1	99	11.58	11.47	11.59		
20	64QAM	50	0	11.68	11.61	11.52		
20	64QAM	50	24	11.63	11.50	11.52		
20	64QAM	50	50	11.57	11.60	11.48		
20	64QAM	100	0	11.58	11.51	11.51		
20	256QAM	1	0	11.58	11.67	11.40	12.5	0
20	256QAM	1	49	11.47	11.66	11.64		
20	256QAM	1	99	11.42	11.62	11.44		
20	256QAM	50	0	11.52	11.62	11.47		
20	256QAM	50	24	11.57	11.55	11.61		
20	256QAM	50	50	11.55	11.51	11.60		
20	256QAM	100	0	11.42	11.62	11.50		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	11.42	11.66	11.49	12.5	0
15	QPSK	1	37	11.58	11.47	11.47		
15	QPSK	1	74	11.41	11.37	11.38		
15	QPSK	36	0	11.46	11.66	11.55		
15	QPSK	36	20	11.31	11.27	11.28		
15	QPSK	36	39	11.37	11.35	11.50		
15	QPSK	75	0	11.47	11.43	11.43		
15	16QAM	1	0	11.48	11.57	11.49	12.5	0
15	16QAM	1	37	11.49	11.55	11.55		
15	16QAM	1	74	11.30	11.48	11.29		
15	16QAM	36	0	11.34	11.48	11.41		
15	16QAM	36	20	11.40	11.47	11.46		
15	16QAM	36	39	11.37	11.54	11.36		
15	16QAM	75	0	11.50	11.48	11.50		
15	64QAM	1	0	11.36	11.64	11.31	12.5	0
15	64QAM	1	37	11.50	11.66	11.49		
15	64QAM	1	74	11.34	11.37	11.57		
15	64QAM	36	0	11.35	11.54	11.30		
15	64QAM	36	20	11.66	11.45	11.50		
15	64QAM	36	39	11.41	11.41	11.40		
15	64QAM	75	0	11.39	11.45	11.36		
15	256QAM	1	0	11.56	11.64	11.40	12.5	0
15	256QAM	1	37	11.34	11.57	11.68		
15	256QAM	1	74	11.31	11.50	11.41		
15	256QAM	36	0	11.42	11.46	11.42		
15	256QAM	36	20	11.34	11.46	11.61		
15	256QAM	36	39	11.39	11.42	11.59		
15	256QAM	75	0	11.41	11.38	11.48		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	11.50	11.68	11.49	12.5	0
10	QPSK	1	25	11.60	11.45	11.52		
10	QPSK	1	49	11.43	11.37	11.31		
10	QPSK	25	0	11.41	11.57	11.51		
10	QPSK	25	12	11.33	11.25	11.25		
10	QPSK	25	25	11.40	11.41	11.46		
10	QPSK	50	0	11.43	11.47	11.47		
10	16QAM	1	0	11.58	11.47	11.46	12.5	0
10	16QAM	1	25	11.44	11.57	11.47		
10	16QAM	1	49	11.28	11.50	11.29		
10	16QAM	25	0	11.40	11.52	11.47		
10	16QAM	25	12	11.47	11.47	11.44		
10	16QAM	25	25	11.35	11.57	11.35		
10	16QAM	50	0	11.51	11.49	11.48		
10	64QAM	1	0	11.38	11.64	11.36	12.5	0
10	64QAM	1	25	11.50	11.42	11.42		
10	64QAM	1	49	11.36	11.36	11.57		
10	64QAM	25	0	11.39	11.56	11.29		
10	64QAM	25	12	11.69	11.42	11.50		
10	64QAM	25	25	11.46	11.38	11.37		
10	64QAM	50	0	11.37	11.55	11.44		
10	256QAM	1	0	11.52	11.64	11.46	12.5	0
10	256QAM	1	25	11.33	11.50	11.66		
10	256QAM	1	49	11.27	11.45	11.40		
10	256QAM	25	0	11.39	11.54	11.46		
10	256QAM	25	12	11.41	11.49	11.61		
10	256QAM	25	25	11.31	11.38	11.54		
10	256QAM	50	0	11.34	11.51	11.50		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	11.50	11.73	11.53	12.5	0
5	QPSK	1	12	11.59	11.52	11.51		
5	QPSK	1	24	11.44	11.39	11.32		
5	QPSK	12	0	11.39	11.57	11.59		
5	QPSK	12	7	11.33	11.31	11.26		
5	QPSK	12	13	11.41	11.39	11.54		
5	QPSK	25	0	11.50	11.48	11.48		
5	16QAM	1	0	11.53	11.54	11.50	12.5	0
5	16QAM	1	12	11.40	11.48	11.57		
5	16QAM	1	24	11.31	11.50	11.35		
5	16QAM	12	0	11.38	11.45	11.45		
5	16QAM	12	7	11.45	11.44	11.40		
5	16QAM	12	13	11.35	11.47	11.32		
5	16QAM	25	0	11.42	11.49	11.43		
5	64QAM	1	0	11.34	11.34	11.35	12.5	0
5	64QAM	1	12	11.41	11.64	11.50		
5	64QAM	1	24	11.34	11.38	11.55		
5	64QAM	12	0	11.37	11.58	11.35		
5	64QAM	12	7	11.64	11.37	11.45		
5	64QAM	12	13	11.42	11.37	11.38		
5	64QAM	25	0	11.40	11.48	11.40		
5	256QAM	1	0	11.53	11.58	11.37	12.5	0
5	256QAM	1	12	11.40	11.58	11.37		
5	256QAM	1	24	11.29	11.49	11.46		
5	256QAM	12	0	11.39	11.55	11.42		
5	256QAM	12	7	11.39	11.44	11.64		
5	256QAM	12	13	11.36	11.38	11.52		
5	256QAM	25	0	11.44	11.38	11.49		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	11.47	11.67	11.51	12.5	0
3	QPSK	1	8	11.57	11.46	11.44		
3	QPSK	1	14	11.41	11.33	11.34		
3	QPSK	8	0	11.46	11.66	11.60		
3	QPSK	8	4	11.27	11.29	11.29		
3	QPSK	8	7	11.43	11.48	11.38		
3	QPSK	15	0	11.45	11.47	11.41		
3	16QAM	1	0	11.53	11.55	11.42	12.5	0
3	16QAM	1	8	11.40	11.59	11.56		
3	16QAM	1	14	11.32	11.51	11.39		
3	16QAM	8	0	11.36	11.52	11.47		
3	16QAM	8	4	11.41	11.41	11.46		
3	16QAM	8	7	11.40	11.54	11.30		
3	16QAM	15	0	11.51	11.51	11.47		
3	64QAM	1	0	11.34	11.63	11.40	12.5	0
3	64QAM	1	8	11.41	11.66	11.40		
3	64QAM	1	14	11.38	11.33	11.52		
3	64QAM	8	0	11.42	11.53	11.30		
3	64QAM	8	4	11.67	11.48	11.43		
3	64QAM	8	7	11.43	11.43	11.32		
3	64QAM	15	0	11.42	11.46	11.39		
3	256QAM	1	0	11.59	11.61	11.38	12.5	0
3	256QAM	1	8	11.35	11.55	11.65		
3	256QAM	1	14	11.32	11.51	11.41		
3	256QAM	8	0	11.37	11.56	11.41		
3	256QAM	8	4	11.40	11.45	11.65		
3	256QAM	8	7	11.41	11.57	11.57		
3	256QAM	15	0	11.42	11.36	11.53		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	11.51	11.66	11.46	12.5	0
1.4	QPSK	1	3	11.58	11.42	11.42		
1.4	QPSK	1	5	11.46	11.39	11.38		
1.4	QPSK	3	0	11.39	11.61	11.56		
1.4	QPSK	3	1	11.30	11.33	11.26		
1.4	QPSK	3	3	11.41	11.36	11.47		
1.4	QPSK	6	0	11.46	11.44	11.44	12.5	0
1.4	16QAM	1	0	11.55	11.54	11.45	12.5	0
1.4	16QAM	1	3	11.44	11.58	11.54		
1.4	16QAM	1	5	11.39	11.45	11.30		
1.4	16QAM	3	0	11.32	11.54	11.44		
1.4	16QAM	3	1	11.41	11.45	11.34		
1.4	16QAM	3	3	11.42	11.54	11.28		
1.4	16QAM	6	0	11.46	11.50	11.42	12.5	0
1.4	64QAM	1	0	11.32	11.54	11.31	12.5	0
1.4	64QAM	1	3	11.42	11.60	11.47		
1.4	64QAM	1	5	11.38	11.36	11.49		
1.4	64QAM	3	0	11.36	11.52	11.43		
1.4	64QAM	3	1	11.63	11.43	11.48		
1.4	64QAM	3	3	11.45	11.36	11.36		
1.4	64QAM	6	0	11.43	11.46	11.45	12.5	0
1.4	256QAM	1	0	11.27	11.54	11.41	12.5	0
1.4	256QAM	1	3	11.36	11.55	11.60		
1.4	256QAM	1	5	11.24	11.44	11.39		
1.4	256QAM	3	0	11.38	11.49	11.46		
1.4	256QAM	3	1	11.43	11.46	11.68		
1.4	256QAM	3	3	11.30	11.41	11.57		
1.4	256QAM	6	0	11.39	11.40	11.53	12.5	0

Band 4 Ant 0 DSI7 sig path：69

BW [MHz]	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	13.64	13.70	13.56	14.5	0
20	QPSK	1	49	13.59	13.54	13.61		
20	QPSK	1	99	13.52	13.49	13.47		
20	QPSK	50	0	13.55	13.67	13.58		
20	QPSK	50	24	13.63	13.54	13.56		
20	QPSK	50	50	13.48	13.63	13.49		
20	QPSK	100	0	13.60	13.63	13.56		
20	16QAM	1	0	13.56	13.60	13.55	14.5	0
20	16QAM	1	49	13.57	13.56	13.52		
20	16QAM	1	99	13.55	13.52	13.61		
20	16QAM	50	0	13.55	13.46	13.55		
20	16QAM	50	24	13.57	13.46	13.58		
20	16QAM	50	50	13.65	13.53	13.45		
20	16QAM	100	0	13.45	13.63	13.44		
20	64QAM	1	0	13.55	13.50	13.52	14.5	0
20	64QAM	1	49	13.47	13.58	13.51		
20	64QAM

Band 25 Ant 0 DSI7 sig path：45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	14.15	14.24	14.15	15	0
20	QPSK	1	49	14.12	14.18	14.07		
20	QPSK	1	99	13.98	13.98	13.97		
20	QPSK	50	0	14.17	14.19	14.13	15	0
20	QPSK	50	24	14.11	14.05	14.04		
20	QPSK	50	50	13.93	14.00	14.00		
20	QPSK	100	0	14.02	14.13	13.98		
20	16QAM	1	0	14.18	14.08	13.98	15	0
20	16QAM	1	49	14.12	14.01	14.08		
20	16QAM	1	99	13.90	14.18	14.01		
20	16QAM	50	0	14.08	13.94	13.95	15	0
20	16QAM	50	24	14.10	13.99	14.04		
20	16QAM	50	50	14.03	14.03	14.04		
20	16QAM	100	0	14.03	14.15	14.13		
20	64QAM	1	0	14.06	14.03	14.03	15	0
20	64QAM	1	49	14.04	14.18	14.13		
20	64QAM	1	99	13.94	13.97	14.15		
20	64QAM	50	0	14.10	14.07	14.07	15	0
20	64QAM	50	24	14.10	14.04	14.14		
20	64QAM	50	50	14.04	13.98	13.98		
20	64QAM	100	0	14.07	14.07	14.00		
20	256QAM	1	0	14.01	14.02	13.90	15	0
20	256QAM	1	49	14.01	13.98	14.07		
20	256QAM	1	99	14.04	14.06	14.17		
20	256QAM	50	0	14.03	13.99	14.10	15	0
20	256QAM	50	24	14.13	14.04	14.15		
20	256QAM	50	50	13.97	14.00	14.16		
20	256QAM	100	0	14.06	14.12	14.12		
Channel				26115	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.03	14.23	14.01	15	0
15	QPSK	1	37	14.01	14.07	14.03		
15	QPSK	1	74	13.97	13.92	13.84		
15	QPSK	36	0	14.07	14.04	14.04	15	0
15	QPSK	36	20	14.07	14.00	13.93		
15	QPSK	36	39	13.87	13.94	13.81		
15	QPSK	75	0	13.92	13.94	13.98		
15	16QAM	1	0	14.12	13.93	13.92	15	0
15	16QAM	1	37	13.96	13.85	14.02		
15	16QAM	1	74	13.89	14.03	13.99		
15	16QAM	36	0	13.97	13.76	13.77	15	0
15	16QAM	36	20	13.94	13.87	13.96		
15	16QAM	36	39	14.00	13.98	13.92		
15	16QAM	75	0	13.95	14.00	14.10		
15	64QAM	1	0	13.89	14.02	14.02	15	0
15	64QAM	1	37	13.96	13.98	14.03		
15	64QAM	1	74	13.89	13.83	14.08		
15	64QAM	36	0	13.95	14.02	13.97	15	0
15	64QAM	36	20	13.97	13.94	14.12		
15	64QAM	36	39	13.97	13.94	13.78		
15	64QAM	75	0	13.89	13.97	13.95		
15	256QAM	1	0	13.97	13.93	13.76	15	0
15	256QAM	1	37	13.85	13.82	13.96		
15	256QAM	1	74	13.89	13.86	13.98		
15	256QAM	36	0	13.84	13.88	13.91	15	0
15	256QAM	36	20	14.01	13.87	14.12		
15	256QAM	36	39	13.87	13.94	14.00		
15	256QAM	75	0	13.86	14.02	14.01		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	14.03	14.23	14.01	15	0
10	QPSK	1	25	14.01	14.07	14.03		
10	QPSK	1	49	13.97	13.92	13.84		
10	QPSK	25	0	14.07	14.04	14.04	15	0
10	QPSK	25	12	14.07	14.00	13.93		
10	QPSK	25	25	13.87	13.94	13.81		
10	QPSK	50	0	13.92	13.94	13.98		
10	16QAM	1	0	14.12	13.93	13.92	15	0
10	16QAM	1	25	13.96	13.85	14.02		
10	16QAM	1	49	13.89	14.03	13.99		
10	16QAM	25	0	13.97	13.76	13.77	15	0
10	16QAM	25	12	14.00	13.87	13.96		
10	16QAM	25	25	14.00	13.98	13.92		
10	16QAM	50	0	13.95	14.00	14.10		
10	64QAM	1	0	13.89	14.02	14.02	15	0
10	64QAM	1	25	13.96	13.98	14.03		
10	64QAM	1	49	13.89	13.88	14.08		
10	64QAM	25	0	13.95	14.02	13.97	15	0
10	64QAM	25	12	14.03	13.97	14.12		
10	64QAM	25	25	13.97	13.94	13.78		
10	64QAM	50	0	13.89	13.97	13.95		
10	256QAM	1	0	13.97	13.93	13.76	15	0
10	256QAM	1	25	13.85	13.82	13.96		
10	256QAM	1	49	13.89	13.86	13.98		
10	256QAM	25	0	13.84	13.88	13.91	15	0
10	256QAM	25	12	14.01	13.87	14.12		
10	256QAM	25	25	13.87	13.94	14.00		
10	256QAM	50	0	13.86	14.02	14.01		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	14.03	14.23	14.01	15	0
5	QPSK	1	12	14.01	14.07	14.03		
5	QPSK	1	24	13.97	13.92	13.84		
5	QPSK	12	0	14.07	14.04	14.04	15	0
5	QPSK	12	7	14.07	14.00	13.93		
5	QPSK	12	13	13.87	13.94	13.81		
5	QPSK	25	0	13.92	13.94	13.98		
5	16QAM	1	0	14.12	13.93	13.92	15	0
5	16QAM	1	12	13.96	13.85	14.02		
5	16QAM	1	24	13.89	14.03	13.99		
5	16QAM	12	0	13.97	13.76	13.77	15	0
5	16QAM	12	7	13.94	13.87	13.96		
5	16QAM	12	13	14.00	13.98	13.92		
5	16QAM	25	0	13.95	14.00	14.10		
5	64QAM	1	0	13.89	14.02	14.02	15	0
5	64QAM	1	12	13.96	13.98	14.03		
5	64QAM	1	24	13.89	13.88	14.08		
5	64QAM	12	0	13.95	14.02	13.97	15	0
5	64QAM	12	7	13.97	13.94	14.12		
5	64QAM	12	13	13.97	13.94	13.78		
5	64QAM	25	0	13.89	13.97	13.95		
5	256QAM	1	0	13.97	13.93	13.76	15	0
5	256QAM	1	12	13.85	13.82	13.96		
5	256QAM	1	24	13.89	13.86	13.98		
5	256QAM	12	0	13.84	13.88	13.91	15	0
5	256QAM	12	7	14.01	13.87	14.12		
5	256QAM	12	13	13.87	13.94	14.00		
5	256QAM	25	0	13.86	14.02	14.01		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	14.03	14.23	14.01	15	0
3	QPSK	1	8	14.01	14.07	14.03		
3	QPSK	1	14	13.97	13.92	13.84		
3	QPSK	8	0	14.07	14.04	14.04	15	0
3	QPSK	8	4	14.07	14.00	13.93		
3	QPSK	8	7	13.87	13.94	13.81		
3	QPSK	15	0	13.92	13.94	13.98		
3	16QAM	1	0	14.12	13.93	13.92	15	0
3	16QAM	1	8	13.96	13.85	14.02		
3	16QAM	1	14	13.89	14.03	13.99		
3	16QAM	8	0	13.97	13.76	13.77	15	0
3	16QAM	8	4	13.94	13.87	13.96		
3	16QAM	8	7	14.00	13.98	13.92		
3	16QAM	15	0	13.95	14.00	14.10		
3	64QAM	1	0	13.89	14.02	14.02	15	0
3	64QAM	1	8	13.96	13.98	14.03		
3	64QAM	1	14	13.89	13.83	14.08		
3	64QAM	8	0	13.95	14.02	13.97	15	0
3	64QAM	8	4	14.03	13.97	14.12		
3	64QAM	8	7	13.97	13.94	13.78		
3	64QAM	15	0	13.89	13.97	13.95		
3	256QAM	1	0	13.97	13.93	13.76	15	0
3	256QAM	1	8	13.85	13.82	13.96		
3	256QAM	1	14	13.89	13.86	13.98		
3	256QAM	8	0	13.84	13.88	13.91	15	0
3	256QAM	8	4	14.01	13.87	14.12		
3	256QAM	8	7	13.87	13.94	14.00		
3	256QAM	15	0	13.86	14.02	14.01		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	14.03	14.23	14.01	15	0
1.4	QPSK	1	3	14.01	14.07	14.03		
1.4	QPSK	1	5	13.97	13.92	13.84		
1.4	QPSK	3	0	14.07	14.04	14.04		
1.4	QPSK	3	1	14.07	14.00	13.93		
1.4	QPSK	3	3	13.87	13.94	13.81		
1.4	QPSK	6	0	13.92	13.94	13.98	15	0
1.4	16QAM	1	0	14.12	13.93	13.92	15	0
1.4	16QAM	1	3	13.96	13.85	14.02		
1.4	16QAM	1	5	13.89	14.03	13.99		
1.4	16QAM	3	0	13.97	13.76	13.77		
1.4	16QAM	3	1	13.94	13.87	13.96		
1.4	16QAM	3	3	14.00	13.98	13.92		
1.4	16QAM	6	0	13.95	14.00	14.10	15	0
1.4	64QAM	1	0	13.89	14.02	14.02	15	0
1.4	64QAM	1	3	13.96	13.98	14.03		
1.4	64QAM	1	5	13.89	13.88	14.08		
1.4	64QAM	3	0	13.95	14.02	13.97		
1.4	64QAM	3	1	14.03	13.97	14.12		
1.4	64QAM	3	3	13.97	13.94	13.78		
1.4	64QAM	6	0	13.89	13.97	13.95	15	0
1.4	256QAM	1	0	13.97	13.93	13.76	15	0
1.4	256QAM	1	3	13.85	13.82	13.96		
1.4	256QAM	1	5	13.89	13.86	13.98		
1.4	256QAM	3	0	13.84	13.88	13.91	15	0
1.4	256QAM	3	1	14.01	13.87	14.12		
1.4	256QAM	3	3	13.87	13.94	14.00		
1.4	256QAM	6	0	13.86	14.02	14.01	15	0

Band 25 Ant 0 DSI7 sig path：457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	14.06	14.22	14.19	15	0
20	QPSK	1	49	14.08	14.05	14.13		
20	QPSK	1	99	14.03	13.98	14.00		
20	QPSK	50	0	14.11	14.15	14.03	15	0
20	QPSK	50	24	14.05	14.03	14.07		
20	QPSK	50	50	14.09	14.14	13.95		
20	QPSK	100	0	13.98	14.19	14.05		
20	16QAM	1	0	14.04	13.93	14.14	15	0
20	16QAM	1	49	14.02	14.12	13.99		
20	16QAM	1	99	13.98	14.18	14.12		
20	16QAM	50	0	14.10	13.95	13.96	15	0
20	16QAM	50	24	14.09	14.00	14.03		
20	16QAM	50	50	14.05	14.03	13.96		
20	16QAM	100	0	13.97	14.11	14.00		
20	64QAM	1	0	14.07	14.13	14.04	15	0
20	64QAM	1	49	14.10	14.02	14.12		
20	64QAM	1	99	13.94	13.96	14.15		
20	64QAM	50	0	14.10	14.06	14.06	15	0
20	64QAM	50	24	14.10	13.97	14.01		
20	64QAM	50	50	14.09	14.10	14.05		
20	64QAM	100	0	13.95	14.06	13.96		
20	256QAM	1	0	13.95	13.91	14.07	15	0
20	256QAM	1	49	14.10	14.06	14.18		
20	256QAM	1	99	14.06	14.11	14.02		
20	256QAM	50	0	13.92	14.08	13.92	15	0
20	256QAM	50	24	14.04	13.98	14.09		
20	256QAM	50	50	14.05	13.98	14.10		
20	256QAM	100	0	14.02	13.98	14.11		
Channel				26115	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.86	14.17	14.00	15	0
15	QPSK	1	37	13.93	13.88	14.11		
15	QPSK	1	74	14.01	13.80	13.90		
15	QPSK	36	0	14.10	14.03	13.97	15	0
15	QPSK	36	20	13.92	13.95	13.97		
15	QPSK	36	39	14.05	14.05	13.84		
15	QPSK	75	0	13.80	14.00	14.00		
15	16QAM	1	0	13.88	13.73	13.97	15	0
15	16QAM	1	37	13.94	13.79	13.79		
15	16QAM	1	74	13.96	14.00	14.07		
15	16QAM	36	0	14.05	13.89	13.79	15	0
15	16QAM	36	20	13.97	13.88	13.87		
15	16QAM	36	39	13.96	13.86	13.85		
15	16QAM	75	0	13.84	13.94	13.88		
15	64QAM	1	0	14.06	14.06	14.01	15	0
15	64QAM	1	37	14.04	13.86	13.95		
15	64QAM	1	74	13.89	13.76	14.03		
15	64QAM	36	0	13.89	14.09	13.87	15	0
15	64QAM	36	20	13.97	13.94	13.95		
15	64QAM	36	39	14.08	13.98	13.95		
15	64QAM	75	0	13.92	13.91	13.93		
15	256QAM	1	0	13.92	13.96	13.90	15	0
15	256QAM	1	37	14.07	14.05	14.11		
15	256QAM	1	74	13.98	13.92	13.87		
15	256QAM	36	0	13.86	13.98	13.94	15	0
15	256QAM	36	20	13.82	13.94	14.07		
15	256QAM	36	39	13.87	13.94	13.92		
15	256QAM	75	0	14.00	13.79	13.94		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	13.86	14.17	14.00	15	0
10	QPSK	1	25	13.93	13.88	14.11		
10	QPSK	1	49	14.01	13.80	13.90		
10	QPSK	25	0	14.03	14.03	13.97	15	0
10	QPSK	25	12	13.92	13.94	13.97		
10	QPSK	25	25	14.05	14.05	13.84		
10	QPSK	50	0	13.80	14.00	14.00		
10	16QAM	1	0	13.88	13.73	13.97	15	0
10	16QAM	1	25	14.00	13.94	13.79		
10	16QAM	1	49	13.96	14.00	14.07		
10	16QAM	25	0	14.05	13.89	13.79	15	0
10	16QAM	25	12	13.94	13.88	13.87		
10	16QAM	25	25	13.96	13.86	13.85		
10	16QAM	50	0	13.84	13.94	13.88		
10	64QAM	1	0	14.06	14.06	14.01	15	0
10	64QAM	1	25	13.98	13.86	13.95		
10	64QAM	1	49	13.89	13.76	14.03		
10	64QAM	25	0	13.89	14.09	13.87	15	0
10	64QAM	25	12	13.97	13.95	13.95		
10	64QAM	25	25	14.08	13.98	13.95		
10	64QAM	50	0	13.92	13.91	13.93		
10	256QAM	1	0	13.92	13.96	13.90	15	0
10	256QAM	1	25	14.07	14.05	14.11		
10	256QAM	1	49	13.98	13.92	13.87		
10	256QAM	25	0	13.73	14.01	13.85	15	0
10	256QAM	25	12	13.82	13.94	14.07		
10	256QAM	25	25	13.87	13.94	13.92		
10	256QAM	50	0	14.00	13.79	13.94		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	13.86	14.17	14.00	15	0
5	QPSK	1	12	13.93	13.88	14.11		
5	QPSK	1	24	14.01	13.80	13.90		
5	QPSK	12	0	14.10	14.03	13.97	15	0
5	QPSK	12	7	13.92	13.94	13.97		
5	QPSK	12	13	14.05	14.05	13.84		
5	QPSK	25	0	13.80	14.00	14.00		
5	16QAM	1	0	13.88	13.73	13.97	15	0
5	16QAM	1	12	14.00	13.94	13.79		
5	16QAM	1	24	13.96	14.00	14.07		
5	16QAM	12	0	13.96	13.79	13.79	15	0
5	16QAM	12	7	13.97	13.88	13.87		
5	16QAM	12	13	13.96	13.86	13.85		
5	16QAM	25	0	13.84	13.94	13.88		
5	64QAM	1	0	14.06	14.01	14.01	15	0
5	64QAM	1	12	14.04	13.86	13.95		
5	64QAM	1	24	13.89	13.76	14.03		
5	64QAM	12	0	13.89	14.09	13.87	15	0
5	64QAM	12	7	13.97	13.95	13.95		
5	64QAM	12	13	14.08	13.98	13.95		
5	64QAM	25	0	13.92	13.91	13.93		
5	256QAM	1	0	13.92	13.96	13.90	15	0
5	256QAM	1	12	14.07	14.05	14.11		
5	256QAM	1	24	13.98	13.92	13.87		
5	256QAM	12	0	13.73	14.01	13.85	15	0
5	256QAM	12	7	13.82	13.94	14.07		
5	256QAM	12	13	13.87	13.94	13.92		
5	256QAM	25	0	14.00	13.79	13.94		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	13.86	14.17	14.00	15	0
3	QPSK	1	8	13.93	13.88	14.11		
3	QPSK	1	14	14.01	13.80	13.90		
3	QPSK	8	0	14.10	14.03	13.97	15	0
3	QPSK	8	4	13.92	13.94	13.97		
3	QPSK	8	7	14.05	14.05	13.84		
3	QPSK	15	0	13.80	14.00	14.00		
3	16QAM	1	0	13.88	13.73	13.97	15	0
3	16QAM	1	8	14.00	13.94	13.79		
3	16QAM	1	14	13.96	14.00	14.07		
3	16QAM	8	0	14.05	13.89	13.79	15	0
3	16QAM	8	4	13.97	13.88	13.87		
3	16QAM	8	7	13.96	13.86	13.85		
3	16QAM	15	0	13.84	13.94	13.88		
3	64QAM	1	0	14.06	14.01	14.01	15	0
3	64QAM	1	8	14.04	13.86	13.95		
3	64QAM	1	14	13.89	13.76	14.03		
3	64QAM	8	0	13.89	14.09	13.87	15	0
3	64QAM	8	4	13.97	13.95	13.95		
3	64QAM	8	7	14.08	13.98	13.95		
3	64QAM	15	0	13.92	13.91	13.93		
3	256QAM	1	0	13.92	13.96	13.90	15	0
3	256QAM	1	8	14.07	14.05	14.11		
3	256QAM	1	14	13.98	13.92	13.87		
3	256QAM	8	0	13.73	14.01	13.85	15	0
3	256QAM	8	4	13.82	13.94	14.07		
3	256QAM	8	7	13.87	13.94	13.92		
3	256QAM	15	0	14.00	13.79	13.94		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	13.86	14.17	14.00	15	0
1.4	QPSK	1	3	13.93	13.88	14.11		
1.4	QPSK	1	5	14.01	13.80	13.90		
1.4	QPSK	3	0	14.10	14.03	13.97		
1.4	QPSK	3	1	13.92	13.94	13.97		
1.4	QPSK	3	3	14.05	14.05	13.84		
1.4	QPSK	6	0	13.80	14.00	14.00	15	0
1.4	16QAM	1	0	13.88	13.73	13.97	15	0
1.4	16QAM	1	3	14.00	13.94	13.79		
1.4	16QAM	1	5	13.96	14.00	14.07		
1.4	16QAM	3	0	14.05	13.89	13.79		
1.4	16QAM	3	1	13.97	13.88	13.87		
1.4	16QAM	3	3	13.96	13.86	13.85		
1.4	16QAM	6	0	13.84	13.94	13.88	15	0
1.4	64QAM	1	0	14.06	14.06	14.01	15	0
1.4	64QAM	1	3	14.04	13.86	13.95		
1.4	64QAM	1	5	13.89	13.76	14.03		
1.4	64QAM	3	0	13.89	14.09	13.87		
1.4	64QAM	3	1	13.97	13.94	13.95		
1.4	64QAM	3	3	14.08	13.98	13.95		
1.4	64QAM	6	0	13.92	13.91	13.93	15	0
1.4	256QAM	1	0	13.92	13.96	13.90	15	0
1.4	256QAM	1	3	14.07	14.05	14.11		
1.4	256QAM	1	5	13.98	13.92	13.87		
1.4	256QAM	3	0	13.73	14.01	13.85	15	0
1.4	256QAM	3	1	13.82	13.94	14.07		
1.4	256QAM	3	3	13.87	13.94	13.92		
1.4	256QAM	6	0	14.00	13.79	13.94	15	0

Band 66 Ant 0 DSI7 sig path：70

BW [MHz]	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	13.60	13.67	13.69	14.5	0
20	QPSK	1	49	13.63	13.69	13.48		
20	QPSK	1	99	13.48	13.50	13.55		
20	QPSK	50	0	13.60	13.73	13.72	14.5	0
20	QPSK	50	24	13.43	13.51	13.46		
20	QPSK	50	50	13.44	13.59	13.54		
20	QPSK	100	0	13.59	13.68	13.57		
20	16QAM	1	0	13.70	13.57	13.52	14.5	0
20	16QAM	1	49	13.52	13.67	13.62		
20	16QAM	1	99	13.54	13.49	13.64		
20	16QAM	50	0	13.57	13.41	13.53	14.5	0
20	16QAM	50	24	13.61	13.64	13.55		
20	16QAM	50	50	13.55	13.66	13.58		
20	16QAM	100

Band 2 Ant 4 DSI7 sig path：44

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (dBm)	Power Middle Ch. / Freq. (dBm)	Power High Ch. / Freq. (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	12.54	12.70	12.68	13	0
20	QPSK	1	49	12.54	12.62	12.60		
20	QPSK	1	99	12.42	12.58	12.46		
20	QPSK	50	24	12.54	12.66	12.58		
20	QPSK	50	25	12.45	12.46	12.49	13	0
20	QPSK	50	50	12.57	12.60	12.53		
20	QPSK	100	0	12.54	12.66	12.55		
20	16QAM	1	0	12.54	12.53	12.53		
20	16QAM	1	49	12.54	12.49	12.65	13	0
20	16QAM	1	99	12.42	12.65	12.59		
20	16QAM	50	0	12.52	12.48	12.53		
20	16QAM	50	24	12.60	12.55	12.55	13	0
20	16QAM	50	50	12.52	12.55	12.61		
20	16QAM	100	0	12.65	12.64	12.56		
20	64QAM	1	0	12.63	12.66	12.56		
20	64QAM	1	49	12.61	12.63	12.59	13	0
20	64QAM	1	99	12.48	12.57	12.56		
20	64QAM	50	0	12.44	12.58	12.38		
20	64QAM	50	24	12.67	12.40	12.57	13	0
20	64QAM	50	50	12.55	12.63	12.46		
20	64QAM	100	0	12.55	12.50	12.46		
20	256QAM	1	0	12.55	12.52	12.54		
20	256QAM	1	49	12.62	12.65	12.55	13	0
20	256QAM	1	99	12.50	12.65	12.63		
20	256QAM	50	0	12.41	12.61	12.58		
20	256QAM	50	24	12.61	12.53	12.59	13	0
20	256QAM	50	50	12.62	12.43	12.64		
20	256QAM	100	0	12.43	12.56	12.45		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	11.99	12.05	12.02	13	0
15	QPSK	1	37	11.97	11.87	11.95		
15	QPSK	1	74	11.79	11.82	11.83		
15	QPSK	36	0	11.94	12.10	11.93		
15	QPSK	36	20	11.78	11.94	11.73	13	0
15	QPSK	36	39	11.95	12.06	11.89		
15	QPSK	75	0	11.77	12.07	12.06		
15	16QAM	1	0	11.93	11.83	11.96		
15	16QAM	1	37	11.93	11.84	11.97		
15	16QAM	1	74	11.72	12.13	12.10		
15	16QAM	36	0	12.02	11.75	12.02		
15	16QAM	36	20	11.96	12.05	12.06	13	0
15	16QAM	36	39	11.86	11.76	11.90		
15	16QAM	75	0	11.88	12.05	12.05		
15	64QAM	1	0	11.87	12.01	12.04		
15	64QAM	1	37	12.04	11.92	11.81	13	0
15	64QAM	1	74	11.91	11.89	11.98		
15	64QAM	36	0	11.82	11.93	11.85		
15	64QAM	36	20	12.02	11.71	11.96	13	0
15	64QAM	36	39	12.03	11.97	11.88		
15	64QAM	75	0	11.93	11.77	11.89		
15	64QAM	1	0	11.78	11.85	12.00		
15	256QAM	1	37	11.95	12.07	11.98	13	0
15	256QAM	1	74	12.06	12.05	11.94		
15	256QAM	36	0	11.88	12.04	11.87		
15	256QAM	36	20	11.80	11.80	11.88	13	0
15	256QAM	36	39	11.89	11.81	11.94		
15	256QAM	75	0	11.84	12.12	11.98		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	11.99	12.04	11.96	13	0
10	QPSK	1	25	11.94	11.96	11.92		
10	QPSK	1	49	11.98	11.86	11.81		
10	QPSK	25	0	11.98	12.07	11.96		
10	QPSK	25	12	11.76	11.96	11.81	13	0
10	QPSK	25	25	12.00	12.12	11.85		
10	QPSK	50	0	11.86	12.03	12.01		
10	16QAM	1	0	11.91	11.88	12.08		
10	16QAM	1	25	11.96	11.82	12.01	13	0
10	16QAM	1	49	11.76	12.11	12.03		
10	16QAM	25	0	11.96	11.78	12.06		
10	16QAM	25	12	12.04	11.95	11.94	13	0
10	16QAM	25	25	11.82	11.77	11.97		
10	16QAM	50	0	11.95	12.02	12.00		
10	64QAM	1	0	11.87	11.98	12.00		
10	64QAM	1	25	12.07	11.97	11.79	13	0
10	64QAM	1	49	11.92	11.93	11.82		
10	64QAM	25	0	11.77	11.99	11.93		
10	64QAM	25	12	11.78	11.74	12.00	13	0
10	64QAM	25	25	11.96	11.99	11.84		
10	64QAM	50	0	11.96	11.93	12.00		
10	256QAM	1	0	11.81	11.97	12.02		
10	256QAM	1	25	11.93	12.02	11.96	13	0
10	256QAM	1	49	11.88	12.02	11.96		
10	256QAM	25	0	11.84	12.00	11.82		
10	256QAM	25	12	11.78	11.82	11.94	13	0
10	256QAM	25	25	11.97	11.79	11.92		
10	256QAM	50	0	11.86	12.05	11.92		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	11.92	12.01	11.96	13	0
5	QPSK	1	12	11.91	11.86	11.97		
5	QPSK	1	24	11.71	11.82	11.80		
5	QPSK	12	0	11.92	12.02	11.92		
5	QPSK	12	7	11.75	11.89	12.06	13	0
5	QPSK	12	13	12.12	12.14	11.83		
5	QPSK	25	0	11.86	12.05	12.00		
5	16QAM	1	0	11.89	11.81	11.97		
5	16QAM	1	12	11.95	11.82	11.92	13	0
5	16QAM	1	24	11.97	12.13	12.04		
5	16QAM	12	0	11.94	11.75	12.04		
5	16QAM	12	7	12.05	11.96	11.93	13	0
5	16QAM	12	13	11.86	11.84	11.86		
5	16QAM	25	0	11.95	12.02	11.96		
5	64QAM	1	0	11.87	12.07	11.96		
5	64QAM	1	12	12.04	11.89	11.81	13	0
5	64QAM	1	24	11.97	11.90	11.89		
5	64QAM	12	0	11.87	12.07	11.96		
5	64QAM	12	7	12.10	11.72	12.04	13	0
5	64QAM	12	13	12.08	12.06	11.96		
5	64QAM	25	0	11.99	11.78	11.83		
5	256QAM	1	0	11.82	12.06	12.03		
5	256QAM	1	12	11.98	12.00	12.07	13	0
5	256QAM	1	24	12.06	12.02	11.96		
5	256QAM	12	0	11.87	12.01	11.86		
5	256QAM	12	7	11.76	11.78	11.95	13	0
5	256QAM	12	13	11.98	11.76	11.93		
5	256QAM	25	0	11.96	11.98	11.98		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	11.91	12.01	11.94	13	0
3	QPSK	1	8	11.94	11.98	11.87		
3	QPSK	1	14	11.71	11.86	11.73		
3	QPSK	8	0	11.94	11.93	11.90		
3	QPSK	8	4	11.89	11.89	11.80	13	0
3	QPSK	8	7	12.11	12.03	11.82		
3	QPSK	15	0	11.81	11.85	11.93		
3	16QAM	1	0	11.87	11.85	11.93		
3	16QAM	1	8	11.93	11.95	11.93		
3	16QAM	1	14	11.79	12.14	12.08		
3	16QAM	8	0	11.95	11.80	12.02		
3	16QAM	8	4	12.06	11.98	11.97	13	0
3	16QAM	8	7	11.91	11.84	11.91		
3	16QAM	15	0	11.98	12.10	12.04		
3	64QAM	1	0	11.91	12.05	12.01		
3	64QAM	1	8	12.10	11.86	11.84	13	0
3	64QAM	1	14	11.85	11.82	11.86		
3	64QAM	8	0	11.75	11.98	11.89		
3	64QAM	8	4	12.07	11.67	11.96	13	0
3	64QAM	8	7	11.96	12.06	11.83		
3	64QAM	15	0	12.01	11.76	11.84		
3	256QAM	1	0	11.88	11.95	11.96		
3	256QAM	1	8	11.90	12.05	12.04	13	0
3	256QAM	1	14	12.05	11.98	12.02		
3	256QAM	8	0	11.87	12.01	11.95		
3	256QAM	8	4	11.79	11.87	11.94	13	0
3	256QAM	8	7	11.89	11.97	11.93		
3	256QAM	15	0	11.92	12.04	11.96		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	11.93	11.97	11.95		
1.4	QPSK	1	3	11.88	11.93	11.87		
1.4	QPSK	1	5	11.85	11.74	11.77	13	0
1.4	QPSK	3	0	12.01	12.08	11.89		
1.4	QPSK	3	1	11.71	11.92	11.81		
1.4	QPSK	3	3	12.12	12.09	11.93		
1.4	QPSK	6	0	11.80	12.00	12.04	13	0
1.4	16QAM	1	0	11.90	11.88	11.95		
1.4	16QAM	1	3	11.94	11.82	11.91		
1.4	16QAM	1	5	11.71	12.12	12.09	13	0
1.4	16QAM	3	0	11.97	12.07	12.08		
1.4	16QAM	3	1	12.02	11.95	11.97		
1.4	16QAM	3	3	11.91	11.84	11.96		
1.4	16QAM	6	0	11.91	12.02	12.01	13	0
1.4	64QAM	1	0	11.93	12.00	12.05		
1.4	64QAM	1	3	12.08	11.85	11.85		
1.4	64QAM	1	5	12.00	11.96	11.84	13	0
1.4	64QAM	3	0	11.84	11.99	11.86		
1.4	64QAM	3	1	12.13	11.73	12.04		
1.4	64QAM	3	3	11.97	12.01	11.94		
1.4	64QAM	6	0	11.94	11.70	11.91	13	0
1.4	256QAM	1	0	11.89	12.02	11.98		
1.4	256QAM	1	3	11.89	11.98	12.01		
1.4	256QAM	1	5	12.07	12.00	12.00		
1.4	256QAM	3	0	11.86	12.08	11.85	13	0
1.4	256QAM	3	1	11.85	11.82	11.94		
1.4	256QAM	3	3	11.91	11.76	11.86		
1.4	256QAM	6	0	11.93	12.05	11.98	13	0

Band 2 Ant 4 DSI7 sig path：456

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (dBm)	Power Middle Ch. / Freq. (dBm)	Power High Ch. / Freq. (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	12.06	12.17	12.09	13	0
20	QPSK	1	49	12.05	12.12	11.93		
20	QPSK	1	99	11.83	12.07	11.99		
20	QPSK	50	24	11.97	12.13	12.04		
20	QPSK	50	25	12.08	11.86	12.07	13	0
20	QPSK	50	50	12.06	12.09	11.99		
20	QPSK	100	0	11.99	12.03	12.00		
20	16QAM	1	0	12.10	11.91	12.07		
20	16QAM	1	49	12.14	11.99	11.92	13	0
20	16QAM	1	99	12.02	12.10	12.09		
20	16QAM	50	0	12.00	12.01	11.94		
20	16QAM	50	24	11.99	12.03	12.05	13	0
20	16QAM	50	50	11.99	11.98	11.96		
20	16QAM	100	0	12.11	11.94	12.13		
20	64QAM	1	0	12.14	12.03	12.11		
20	64QAM	1	49	11.89	11.99	11.99	13	0
20	64QAM	1	99	11.93	12.04	12.06		
20	64QAM	50	0	12.03	12.03	11.91		
20	64QAM	50	24	12.01	11.92	12.07	13	0
20	64QAM	50	50	12.06	11.98	11.99		
20	64QAM	100	0	11.96	11.96	11.98		
20	256QAM	1	0	12.01	11.96	12.11		
20	256QAM	1	49	12.04	12.03	12.02	13	0
20	256QAM	1	99	11.91	11.99	12.11		
20	256QAM	50	0	11.99	11.92	12.00		
20	256QAM	50	24	11.98	11.98	11.96	13	0
20	256QAM	50	50	12.04	11.97	11.97		
20	256QAM	100	0	11.88	12.03	12.03		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	11.87	12.07	11.99	13	0
15	QPSK	1	37	12.06	11.88	11.93		
15	QPSK	1	74	11.72	11.97	11.78		
15	QPSK	36	0	12.15	11.79	11.81		
15	QPSK	36	20	12.05	11.85	11.96	13	0
15	QPSK	36	39	11.93	11.86	11.92		
15	QPSK	75	0	11.70	11.98	12.00		
15	16QAM	1	0	11.90	11.77	12.00		
15	16QAM	1	37	11.88	11.83	11.85		
15	16QAM	1	74	11.87	11.96	12.13		
15	16QAM	36	0	11.96	11.84	11.96		
15	16QAM	36	20	11.86	11.99	12.10	13	0
15	16QAM	36	39	11.90	11.90	11.83		
15	16QAM	75	0	11.79	11.79	11.98		
15	64QAM	1	0	11.94	11.86	11.92		
15	64QAM	1	37	11.88	11.94	11.94	13	0
15	64QAM	1	74	11.79	11.91	11.89		
15	64QAM	36	0	12.06	11.96	11.90		
15	64QAM	36	20	12.05	11.68	11.98	13	0
15	64QAM	36	39	11.96	11.94	11.79		
15	64QAM	75	0	11.83	11.87	11.86		
15	256QAM	1	0	11.66	12.03	12.03		
15	256QAM	1	37	11.94	11.94	12.08	13	0
15	256QAM	1	74	11.96	11.84	11.95		
15	256QAM	36	0	11.86	11.99	12.10		
15	256QAM	36	20	11.92	11.90	11.90	13	0
15	256QAM	36	39	11.90	11.83	11.93		
15	256QAM	75	0	11.93	11.92	11.91		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	11.95	12.07	11.93	13	0
10	QPSK	1	25	12.11	12.01	11.88		
10	QPSK	1	49	11.82	12.02	11.83		
10	QPSK	25	0	11.88	11.95	11.82		
10	QPSK	25	12	12.11	11.83	11.98	13	0
10	QPSK	25	25	11.88	12.01	11.86		
10	QPSK	50	0	11.78	11.96	12.01		
10	16QAM	1	0	11.80	11.78	12.08		
10	16QAM	1	25	11.94	11.95	11.90	13	0
10	16QAM	1	49	11.85	11.93	12.11		
10	16QAM	25	0	11.96	11.96	11.98		
10	16QAM	25	12	11.93	11.96	12.10	13	0
10	16QAM	25	25	11.84	11.94	11.91		
10	16QAM	50	0	12.14	11.85	11.97		
10	64QAM	1	0	11.96	11.84	12.00		
10	64QAM	1	25	11.89	11.93	12.00	13	0
10	64QAM	1	49	11.80	11.88	11.84		
10	64QAM	25	0	12.09	11.87	11.89		
10	64QAM	25	12	11.92	11.94	12.04	13	0
10	64QAM	25	25	11.92	12.02	11.78		
10	64QAM	50	0	11.75	11.93	11.77		
10	256QAM	1	0	11.96	11.97	12.02		
10	256QAM	1	25	11.87	11.90	11.97	13	0
10	256QAM	1	49	11.83	11.97	11.98		
10	256QAM	25	0	11.93	11.81	11.88		
10	256QAM	25	12	11.91	11.92	11.89	13	0
10	256QAM	25	25	11.85	11.91	11.91		
10	256QAM	50	0	11.84	11.97	11.79		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	11.97	12.03	12.00	13	0
5	QPSK	1	12	12.01	11.98	11.89		
5	QPSK	1	24	11.78	12.03	11.83		
5	QPSK	12	0	11.90	11.93	11.89		
5	QPSK	12	7	12.06	11.93	12.06	13	0
5	QPSK	12	13	11.90	12.03	11.86		
5	QPSK	25	0	11.80	11.96	12.00		
5	16QAM	1	0	11.87	11.73	11.97		
5	16QAM	1	12	11.93	11.87	11.82	13	0
5	16QAM	1	24	11.98	12.13	12.04		
5	16QAM	12	0	11.96	11.85	12.02		
5	16QAM	12	7	11.82	11.97	12.14	13	0
5	16QAM	12	13	11.81	11.84	11.82		
5	16QAM	25	0	12.09	11.77	11.98		
5	64QAM	1	0	12.04	11.91	11.91		
5	64QAM	1	12	11.79	12.03	12.03	13	0
5	64QAM	1	24	11.83	11.90	11.87		
5	64QAM	12	0	12.04	11.96	11.96		
5	64QAM	12	7	12.03	11.78	11.97	13	0
5	64QAM	12	13	11.88	12.02	11.69		
5	64QAM	25	0	11.74	11.88	11.80		
5	256QAM	1	0	12.04	11.92	12.03		
5	256QAM	1	12	11.82	11.95	11.97	13	0
5	256QAM	1	24	11.82	12.05	11.95		
5	256QAM	12	0	11.87	11.85	11.93		
5	256QAM	12	7	11.85	11.99	11.87	13	0
5	256QAM	12	13	11.94	11.93	11.90		
5	256QAM	25	0	11.90	11.98	11.83		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	11.90	12.00	11.94	13	0
3	QPSK	1	8	12.10	12.04	11.87		
3	QPSK	1	14	11.83	11.94	11.82		
3	QPSK	8	0	11.91	11.92	11.89		
3	QPSK	8	4	12.07	11.76	12.03	13	0
3	QPSK	8	7	11.91	11.93	11.91		
3	QPSK	15	0	11.79	11.92	11.90		
3	16QAM	1	0	12.06	11.89	12.07		
3	16QAM	1	8	11.95	11.97	11.90	13	0
3	16QAM	1	14	11.84	11.95	12.08		
3	16QAM	8	0	11.96	11.75	12.03		
3	16QAM	8	4	12.08	11.98	12.10	13	0
3	16QAM	8	7	11.83	11.94	11.84		
3	16QAM	15	0	12.04	11.79	11.85		
3	64QAM	1	0	11.95	11.84	11.96		
3	64QAM	1	8	11.85	11.96	11.97	13	0
3	64QAM	1	14	11.82	11.87	11.88		
3	64QAM	8	0	12.07	11.92	11.93		
3	64QAM	8	4	12.03	11.69	12.05	13	0
3	64QAM	8	7	11.80	11.97	11.72		
3	64QAM	15	0	11.79	11.94	11.87		
3	256QAM	1	0	12.03	12.03	12.05		
3	256QAM	1	8	11.99	12.00	12.02	13	0
3	256QAM	1	14	11.88	12.01	11.95		
3	256QAM	8	0	11.97	11.95	11.95		
3	256QAM	8	4	11.91	11.94	11.89	13	0
3	256QAM	8	7	11.96	11.85	11.93		
3	256QAM	15	0	11.95	11.94	11.90		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	11.94	12.05	11.96		
1.4	QPSK	1	3	12.07	12.00	11.82		
1.4	QPSK	1	5	11.74	11.93	11.83	13	0
1.4	QPSK	3	0	11.85	11.92	11.79		
1.4	QPSK	3	1	12.07	11.82	12.03		
1.4	QPSK	3	3	11.90	11.90	11.90		
1.4	QPSK	6	0	11.96	12.05	12.01	13	0
1.4	16QAM	1	0	11.81	11.74	12.05		
1.4	16QAM	1	3	11.93	11.94	11.81		
1.4	16QAM	1	5	11.90	11.94	12.14	13	0
1.4	16QAM	3	0	11.94	11.94	11.95		
1.4	16QAM	3	1	11.90	12.01	12.09		
1.4	16QAM	3	3	11.86	11.88	11.86		
1.4	16QAM	6	0	12.13	11.78	12.01	13	0
1.4	64QAM	1	0	12.03	11.93	12.01		
1.4	64QAM	1	3	11.95	11.94	11.98		
1.4	64QAM	1	5	11.78	11.94	11.88	13	0
1.4	64QAM	3	0	12.10	11.86	11.91		
1.4	64QAM	3	1	12.05	11.72	12.03		
1.4	64QAM	3	3	11.90	11.93	11.77		
1.4	64QAM	6	0	11.76	11.85	11.84	13	0
1.4	256QAM	1	0	12.02	12.00	12.02		
1.4	256QAM	1	3	11.91	11.98	12.03		
1.4	256QAM	1	5	11.85	12.05	11.98	13	0
1.4	256QAM	3	0	11.85	11.81	11.93		
1.4	256QAM	3	1	11.85	11.91	11.90		
1.4	256QAM	3	3	11.92	11.87	11.98		
1.4	256QAM	6	0	11.93	11.92	11.86	13	0

Band 4 Ant 4 DSI7 sig path：69

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (dBm)	Power Middle Ch. / Freq. (dBm)	Power High Ch. / Freq. (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	14.21	14.32	14.20	15	0
20	QPSK	1	49	14.12	14.24	14.09		
20	QPSK	1	99	14.08	14.12	14.20		
20	QPSK	50	24	14.17	14.25	14.13		
20	QPSK	50	25	14.17	14.11	14.13	15	0
20	QPSK	50	50	14.08	14.08	14.01		
20	QPSK	100	0	14.15	14.23	14.13		
20	16QAM	1	0	14.29	14.06	14.24		
20	16QAM	1	49	14.17	14.17	14.12	15	0
20	16QAM	1	99	14.16	14.18	14.14		
20	16QAM	50	0	14.16	14.09	14.03		
20	16QAM	50	24	14.16	14.09	14.17	15	0
20	16QAM	50	50	14.22	14.18	14.09		
20

Band 25 Ant 4 DSI7 sig path：45

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26540		
Frequency (MHz)				1859	1880	1905		
20	QPSK	1	0	12.14	12.29	13.21	13	0
20	QPSK	1	49	12.16	12.21	12.18		
20	QPSK	1	99	12.06	12.21	11.99		
20	QPSK	50	0	12.20	12.27	12.18		
20	QPSK	50	24	12.01	12.03	12.17		
20	QPSK	50	50	12.15	12.16	12.14		
20	QPSK	100	0	12.00	12.21	12.18		
20	16QAM	1	0	12.11	12.12	12.13		
20	16QAM	1	49	12.23	12.12	12.10	13	0
20	16QAM	1	99	12.15	12.16	12.12		
20	16QAM	50	0	12.12	12.20	12.13		
20	16QAM	50	24	12.16	12.08	12.14	13	0
20	16QAM	50	50	12.14	12.12	12.06		
20	16QAM	100	0	12.12	12.25	12.22		
20	64QAM	1	0	12.22	12.16	12.00		
20	64QAM	1	49	12.16	12.22	12.11	13	0
20	64QAM	1	99	12.12	12.13	12.07		
20	64QAM	50	0	12.02	12.12	12.18		
20	64QAM	50	24	12.10	12.09	12.08	13	0
20	64QAM	50	50	12.02	12.14	12.06		
20	64QAM	100	0	12.14	12.10	12.03		
20	256QAM	1	0	12.12	12.16	12.14		
20	256QAM	1	49	12.23	12.27	12.27	13	0
20	256QAM	1	99	12.07	12.21	12.25		
20	256QAM	50	0	12.13	12.22	12.13		
20	256QAM	50	24	12.07	12.23	12.17	13	0
20	256QAM	50	50	12.07	12.07	12.28		
20	256QAM	100	0	12.19	12.10	12.18		
Channel				26115	26340	26515		
Frequency (MHz)				1852.5	1880	1907.5		
15	QPSK	1	0	12.06	12.23	12.16	13	0
15	QPSK	1	37	12.19	12.08	12.10		
15	QPSK	1	74	11.87	12.04	11.94		
15	QPSK	36	0	12.16	12.22	12.14		
15	QPSK	36	20	11.89	11.90	11.97	13	0
15	QPSK	36	39	12.14	12.13	11.97		
15	QPSK	75	0	11.93	12.15	12.01		
15	16QAM	1	0	11.91	12.04	11.94		
15	16QAM	1	37	12.04	12.09	12.05		
15	16QAM	1	74	12.04	11.96	12.09		
15	16QAM	36	0	11.98	12.03	11.90	13	0
15	16QAM	36	20	12.01	12.02	12.00		
15	16QAM	36	39	12.09	11.92	11.89		
15	16QAM	75	0	12.02	12.24	12.15		
15	64QAM	1	0	12.16	12.03	11.97		
15	64QAM	1	37	12.05	12.16	11.94	13	0
15	64QAM	1	74	12.08	11.95	11.99		
15	64QAM	36	0	11.94	11.95	12.03		
15	64QAM	36	20	11.95	11.94	11.92	13	0
15	64QAM	36	39	11.88	12.04	11.88		
15	64QAM	75	0	12.01	11.98	12.02		
15	256QAM	1	0	11.96	12.10	12.08		
15	256QAM	1	37	12.06	12.14	12.11	13	0
15	256QAM	1	74	11.93	12.20	12.05		
15	256QAM	36	0	11.99	12.04	12.06		
15	256QAM	36	20	11.95	12.19	11.99	13	0
15	256QAM	36	39	11.92	11.91	12.18		
15	256QAM	75	0	12.10	12.05	11.96		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850	1880	1910		
10	QPSK	1	0	12.04	12.23	12.10	13	0
10	QPSK	1	25	12.03	12.11	12.04		
10	QPSK	1	49	11.91	12.09	11.88		
10	QPSK	25	0	12.06	12.19	12.03		
10	QPSK	25	12	11.88	11.94	12.06		
10	QPSK	25	25	12.03	12.05	12.05		
10	QPSK	50	0	11.96	12.09	12.04		
10	QPSK	50	12	12.01	11.98	12.03		
10	16QAM	1	0	12.13	12.02	12.03	13	0
10	16QAM	1	49	12.07	12.09	12.01		
10	16QAM	25	0	12.05	12.09	12.04		
10	16QAM	25	12	12.03	11.98	12.08	13	0
10	16QAM	25	25	12.06	12.01	12.06		
10	16QAM	50	0	12.02	12.19	12.17		
10	64QAM	1	0	12.08	12.01	11.86		
10	64QAM	1	25	12.03	12.12	11.98	13	0
10	64QAM	1	49	12.02	12.02	11.96		
10	64QAM	25	0	11.95	12.02	12.06		
10	64QAM	25	12	12.02	12.00	12.00	13	0
10	64QAM	25	25	11.96	12.05	12.01		
10	64QAM	50	0	12.05	12.03	11.91		
10	256QAM	1	0	12.06	12.01	12.02		
10	256QAM	1	25	12.02	12.13	12.20	13	0
10	256QAM	1	49	11.99	12.06	12.14		
10	256QAM	25	0	11.99	12.08	12.07		
10	256QAM	25	12	12.00	12.08	12.12	13	0
10	256QAM	25	25	11.93	11.99	12.13		
10	256QAM	50	0	12.07	12.05	12.03		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	12.04	12.19	12.15	13	0
5	QPSK	1	12	12.11	12.12	12.05		
5	QPSK	1	24	11.87	12.12	11.90		
5	QPSK	12	0	12.07	12.13	12.10		
5	QPSK	12	7	11.86	11.88	12.12	13	0
5	QPSK	12	13	12.10	12.07	12.05		
5	QPSK	25	0	11.94	12.08	12.04		
5	16QAM	1	0	12.00	12.05	12.04		
5	16QAM	1	12	12.10	12.00	12.01	13	0
5	16QAM	1	24	12.00	12.10	12.03		
5	16QAM	12	0	12.07	12.12	12.07		
5	16QAM	12	7	12.07	11.93	12.01	13	0
5	16QAM	12	13	11.99	11.86	11.92		
5	16QAM	25	0	11.96	12.14	12.13		
5	64QAM	1	0	12.15	12.01	11.95		
5	64QAM	1	12	12.09	12.10	12.00	13	0
5	64QAM	1	24	11.99	12.05	11.93		
5	64QAM	12	0	11.97	12.06	12.08		
5	64QAM	12	7	11.98	12.00	11.97	13	0
5	64QAM	12	13	11.93	12.07	11.87		
5	64QAM	25	0	12.08	12.01	11.94		
5	256QAM	1	0	12.00	12.11	12.01		
5	256QAM	1	12	12.03	12.09	12.20	13	0
5	256QAM	1	24	12.06	12.14	12.19		
5	256QAM	12	0	12.08	12.14	12.03		
5	256QAM	12	7	11.93	12.18	12.10	13	0
5	256QAM	12	13	11.96	11.94	12.22		
5	256QAM	25	0	12.09	12.13	11.97		
Channel				26055	26340	26625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	12.01	12.20	12.12	13	0
3	QPSK	1	8	12.06	12.09	12.06		
3	QPSK	1	14	11.88	12.10	11.85		
3	QPSK	8	0	12.06	12.15	12.09		
3	QPSK	8	4	11.95	11.89	12.03	13	0
3	QPSK	8	7	12.07	12.08	12.00		
3	QPSK	15	0	11.99	12.07	12.10		
3	16QAM	1	0	11.99	12.01	12.02		
3	16QAM	1	8	12.12	12.00	12.00	13	0
3	16QAM	1	14	12.02	12.06	12.02		
3	16QAM	8	0	12.00	12.05	12.07		
3	16QAM	8	4	12.03	11.95	12.03	13	0
3	16QAM	8	7	12.01	12.00	11.97		
3	16QAM	15	0	12.00	12.12	12.12		
3	64QAM	1	0	12.11	12.05	11.88		
3	64QAM	1	8	12.09	12.15	12.03	13	0
3	64QAM	1	14	11.96	12.03	11.96		
3	64QAM	8	0	11.99	12.04	12.06		
3	64QAM	8	4	12.02	12.00	11.98	13	0
3	64QAM	8	7	11.92	12.05	11.99		
3	64QAM	15	0	12.07	11.96	11.88		
3	256QAM	1	0	11.99	12.07	12.02		
3	256QAM	1	8	12.09	12.10	12.20	13	0
3	256QAM	1	14	11.93	12.06	12.15		
3	256QAM	8	0	12.03	12.12	12.03		
3	256QAM	8	4	11.94	12.17	12.11	13	0
3	256QAM	8	7	11.92	11.99	12.21		
3	256QAM	15	0	12.08	12.07	11.98		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	12.00	12.18	12.09	13	0
1.4	QPSK	1	3	12.12	12.10	12.04		
1.4	QPSK	1	5	11.86	12.11	11.91		
1.4	QPSK	3	0	12.10	12.22	12.04		
1.4	QPSK	3	1	11.92	11.93	12.05		
1.4	QPSK	3	3	12.06	12.04	12.02		
1.4	QPSK	6	0	11.96	12.14	12.07	13	0
1.4	16QAM	1	0	12.03	12.00	12.01		
1.4	16QAM	1	3	12.13	12.04	11.97		
1.4	16QAM	1	5	12.00	12.01	12.05	13	0
1.4	16QAM	3	0	12.06	12.11	12.06		
1.4	16QAM	3	1	12.08	11.94	12.02		
1.4	16QAM	3	3	12.04	12.02	11.96		
1.4	16QAM	6	0	12.06	12.14	12.13	13	0
1.4	64QAM	1	0	12.15	12.08	11.86		
1.4	64QAM	1	3	12.05	12.10	12.02		
1.4	64QAM	1	5	12.01	12.03	11.94	13	0
1.4	64QAM	3	0	11.90	12.00	12.10		
1.4	64QAM	3	1	11.96	12.00	11.94		
1.4	64QAM	3	3	11.88	12.03	11.94		
1.4	64QAM	6	0	12.08	11.99	11.91	13	0
1.4	256QAM	1	0	11.99	12.03	12.08		
1.4	256QAM	1	3	11.97	12.13	12.21		
1.4	256QAM	1	5	11.96	12.12	12.14		
1.4	256QAM	3	0	12.09	12.17	12.06	13	0
1.4	256QAM	3	1	11.99	12.14	12.07		
1.4	256QAM	3	3	12.01	11.92	12.17		
1.4	256QAM	6	0	12.06	12.05	12.00	13	0

Band 25 Ant 4 DSI7 sig path：457

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26540		
Frequency (MHz)				1859	1880	1905		
20	QPSK	1	0	12.06	12.17	12.09	13	0
20	QPSK	1	49	11.96	12.03	12.03		
20	QPSK	1	99	11.96	12.08	11.95		
20	QPSK	50	0	12.05	12.14	12.10		
20	QPSK	50	24	11.94	12.09	12.09		
20	QPSK	50	50	11.96	12.09	12.10		
20	QPSK	100	0	12.00	12.11	12.07		
20	16QAM	1	0	12.15	12.05	12.07		
20	16QAM	1	49	12.03	12.14	12.15	13	0
20	16QAM	1	99	11.90	12.07	11.96		
20	16QAM	50	0	11.94	12.06	11.95		
20	16QAM	50	24	12.01	12.06	12.06	13	0
20	16QAM	50	50	12.16	12.13	12.02		
20	16QAM	100	0	12.12	12.04	11.97		
20	64QAM	1	0	11.99	12.02	12.04		
20	64QAM	1	49	11.93	12.05	11.98		
20	64QAM	1	99	12.05	12.02	12.15		
20	64QAM	50	0	11.94	12.01	11.92		
20	64QAM	50	24	12.16	11.92	11.99	13	0
20	64QAM	50	50	12.04	12.09	12.09		
20	64QAM	100	0	12.03	12.01	11.97		
20	256QAM	1	0	11.93	12.07	12.04		
20	256QAM	1	49	11.98	11.97	12.11	13	0
20	256QAM	1	99	12.08	12.04	11.98		
20	256QAM	50	0	11.93	11.99	11.99		
20	256QAM	50	24	12.10	12.10	12.16	13	0
20	256QAM	50	50	11.97	12.01	12.06		
Channel				26115	26340	26515		
Frequency (MHz)				1852.5	1880	1907.5		
15	QPSK	1	0	12.05	12.23	12.16	13	0
15	QPSK	1	37	11.82	11.96	11.89		
15	QPSK	1	74	11.92	11.98	11.88		
15	QPSK	36	0	11.93	12.01	11.98		
15	QPSK	36	20	11.83	12.02	12.00	13	0
15	QPSK	36	39	11.77	12.00	11.95		
15	QPSK	75	0	11.93	11.97	11.94		
15	16QAM	1	0	12.08	11.98	11.93		
15	16QAM	1	37	12.04	12.09	12.09	13	0
15	16QAM	1	74	11.84	12.01	11.88		
15	16QAM	36	0	11.94	12.00	11.91		
15	16QAM	36	20	11.92	11.98	11.98	13	0
15	16QAM	36	39	12.09	12.06	11.94		
15	16QAM	75	0	11.94	11.99	11.91		
15	64QAM	1	0	11.85	11.87	11.99		
15	64QAM	1	37	11.82	11.95	11.92	13	0
15	64QAM	1	74	11.98	11.94	12.01		
15	64QAM	36	0	11.85	11.88	11.87		
15	64QAM	36	20	12.10	11.82	11.87	13	0
15	64QAM	36	39	11.97	11.95	11.95		
15	64QAM	75	0	11.96	11.92	11.85		
15	256QAM	1	0	11.83	11.91	11.91		
15	256QAM	1	37	11.89	11.85	11.97	13	0
15	256QAM	1	74	11.98	11.90	11.85		
15	256QAM	36	0	11.85	11.93	11.87		
15	256QAM	36	20	11.92	11.85	11.98	13	0
15	256QAM	36	39	11.92	12.02	12.02		
15	256QAM	75	0	11.83	12.01	11.95		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850	1880	1910		
10	QPSK	1	0	11.97	12.10	11.95	13	0
10	QPSK	1	25	11.83	11.95	11.89		
10	QPSK	1	49	11.98	11.94	11.84		
10	QPSK	25	0	11.86	12.00	12.00		
10	QPSK	25	12	11.81	11.98	12.00		
10	QPSK	25	25	11.92	11.98	11.97		
10	QPSK	50	0	11.92	12.03	11.93		
10	QPSK	50	12	11.98	11.99	11.95		
10	16QAM	1	0	11.93	12.04	12.09	13	0
10	16QAM	1	49	11.85	11.93	11.85		
10	16QAM	25	0	11.96	11.95	11.82		
10	16QAM	25	12	11.96	11.96	11.99	13	0
10	16QAM	25	25	11.97	12.00	11.91		
10	16QAM	50	0	12.06	11.89	11.85		
10	64QAM	1	0	11.86	11.95	11.97		
10	64QAM	1	25	11.87	12.00	11.88	13	0
10	64QAM	1	49	11.92	11.91	12.03		
10	64QAM	25	0	11.84	11.91	11.81		
10	64QAM	25	12	11.93	11.82	11.91	13	0
10	64QAM	25	25	11.93	11.98	12.04		
10	64QAM	50	0	11.86	11.84	11.84		
10	256QAM	1	0	11.82	11.97	11.96	13	0
10	256QAM	1	25	11.84	11.90	12.06		
10	256QAM	1	49	11.95	11.88	11.98		
10	256QAM	25	0	11.86	11.92	11.85		
10	256QAM	25	12	11.93	11.85	12.05	13	0
10	256QAM	25	25	12.02	12.02	12.03		
10	256QAM	50	0	11.86	12.00	11.93		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	11.96	12.10	12.02	13	0
5	QPSK	1	12	11.90	11.88	11.93		
5	QPSK	1	24	11.86	11.98	11.81		
5	QPSK	12	0	11.99	12.03	12.02		
5	QPSK	12	7	11.82	12.03	12.01	13	0
5	QPSK	12	13	11.90	11.96	11.98		
5	QPSK	25	0	11.96	12.06	11.93		
5	16QAM	1	0	12.03	11.99	11.96	13	0
5	16QAM	1	12	11.94	12.09	12.04		
5	16QAM	1	24	11.98	11.90	11.96		
5	16QAM	12	0	11.82	11.99	11.83		
5	16QAM	12	7	11.88	11.91	11.96	13	0
5	16QAM	12	13	12.04	12.04	11.86		
5	16QAM	25	0	12.01	11.95	11.87		
5	64QAM	1	0	11.96	11.93	11.90		
5	64QAM	1	12	11.87	11.96	11.84	13	0
5	64QAM	1	24	11.92	11.91	12.03		
5	64QAM	12	0	11.84	11.92	11.80		
5	64QAM	12	7	12.04	11.81	11.87	13	0
5	64QAM	12	13	11.93	11.94	11.99		
5	64QAM	25	0	11.92	11.89	11.84		
5	256QAM	1	0	11.87	12.01	11.98	13	0
5	256QAM	1	12	11.85	11.86	12.00		
5	256QAM	1	24	11.96	11.97	11.89		
5	256QAM	12	0	11.80	11.85	11.92	13	0
5	256QAM	12	7	11.96	11.86	12.03		
5	256QAM	12	13	11.96	11.98	12.09		
5	256QAM	25	0	11.97	11.89	11.97		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	11.93	12.01	12.01	13	0
3	QPSK	1	8	11.83	11.96	11.94		
3	QPSK	1	14	11.90	11.99	11.81		
3	QPSK	8	0	11.91	12.06	12.03		
3	QPSK	8	4	11.80	12.00	11.94	13	0
3	QPSK	8	7	11.91	11.96	12.00		
3	QPSK	15	0	11.96	12.03	11.93		
3	16QAM	1	0	12.04	11.91	11.95		
3	16QAM	1	8	11.92	11.92	11.92	13	0
3	16QAM	1	14	11.81	12.00	11.84		
3	16QAM	8	0	11.88	12.00	11.83		
3	16QAM	8	4	11.85	11.95	11.94	13	0
3	16QAM	8	7	12.11	12.00	11.88		
3	16QAM	15	0	11.91	11.99	11.84		
3	64QAM	1	0	11.88	11.94	11.91	13	0
3	64QAM	1	8	11.79	11.95	11.90		
3	64QAM	1	14	11.87	11.91	12.03		
3	64QAM	8	0	11.81	11.87	11.82		
3	64QAM	8	4	12.03	11.86	11.85	13	0
3	64QAM	8	7	11.96	12.04	12.01		
3	64QAM	15	0	11.96	11.87	11.85		
3	256QAM	1	0	11.87	11.87	11.97		
3	256QAM	1	8	11.92	11.87	11.99	13	0
3	256QAM	1	14	11.97	11.95	11.93		
3	256QAM	8	0	11.86	11.86	11.92		
3	256QAM	8	4	11.91	11.86	11.96	13	0
3	256QAM	8	7	12.01	12.08	11.97		
3	256QAM	15	0	11.84	12.02	11.94		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	11.97	12.06	11.97	13	0
1.4	QPSK	1	3	11.90	11.93	11.94		
1.4	QPSK	1	5	11.86	11.99	11.86		
1.4	QPSK	3	0	11.96	12.07	11.96		
1.4	QPSK	3	1	11.84	11.97	11.96		
1.4	QPSK	3	3	11.94	12.04	11.98		
1.4	QPSK	6	0	11.87	12.05	11.99	13	0
1.4	16QAM	1	0	12.00	11.94	12.01		
1.4	16QAM	1	3	11.89	12.09	12.00		
1.4	16QAM	1	5	11.79	11.95	11.91	13	0
1.4	16QAM	3	0	11.98	11.92	11.81		
1.4	16QAM	3	1	11.92	11.93	12.00		
1.4	16QAM	3	3	12.04	12.01	11.88		
1.4	16QAM	6	0	11.96	11.96	11.85	13	0
1.4	64QAM	1	0	11.93	11.92	11.93		
1.4	64QAM	1	3	11.89	11.89	11.94		
1.4	64QAM	1	5	11.87	11.94	12.07	13	0
1.4	64QAM	3	0	11.80	11.89	11.78		
1.4	64QAM	3	1	11.84	11.84	11.87		
1.4	64QAM	3	3	11.91	11.99	11.98		
1.4	64QAM	6	0	11.85	11.96	11.96	13	0
1.4	256QAM	1	0	11.85	11.96	11.96		
1.4	256QAM	1	3	11.90	11.87	12.03		
1.4	256QAM	1	5	12.01	11.91	11.88	13	0
1.4	256QAM	3	0	11.82	11.90	11.92		
1.4	256QAM	3	1	11.87	11.85	11.98		
1.4	256QAM	3	3	11.84	11.95	11.96	13	0
1.4	256QAM	6	0	11.84	11.95	11.96	13	0

Band 30 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		8.22		9.5	0
10	QPSK	1	25		8.10			
10	QPSK	1	49		8.13			
10	QPSK	25	0		8.13			
10	QPSK	25	12		7.98		9.5	0
10	QPSK	25	25		8.07			
10	QPSK	50	0		8.02			
10	16QAM	1	0		8.07			
10	16QAM	1	25		8.06		9.5	0
10	16QAM	1	49		8.07			
10	16QAM	25	0		8.06			
10	16QAM	25	12		8.07		9.5	0
10	16QAM	25	25		8.17			
10	16QAM	50	0		8.07			
10	64QAM	1	0		8.06			
10	64QAM	1	25		8.20		9.5	0
10	64QAM	1	49		8.21			
10	64QAM	25	0		8.10			
10	64QAM	25	12		7.96		9.5	0
10	64QAM	25	25		8.09			
10	64QAM	50	0		8.19			
10	256QAM	1	0		8.07			
10

Downlink CA Power

2CA DL

CA List	PCC									SCC					Power	
	LTE Band	Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_2A-17A	Band 2	Ant0	10M	1880	18900	QPSK	1	0	4X4MIMO	Band 17	10M	740	5790		22.78	22.80
	Band 2	Ant4	10M	1880	18900	QPSK	1	0	4X4MIMO	Band 17	10M	740	5790		21.14	21.17
	Band 17	Ant0	10M	710	23790	QPSK	1	0		Band 2	10M	1960	900	4X4MIMO	23.05	23.11
	Band 17	Ant4	10M	710	23790	QPSK	1	0		Band 2	10M	1960	900	4X4MIMO	22.69	22.76
CA_4A-17A	Band 4	Ant0	10M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 17	10M	740	5790		22.71	22.76
	Band 4	Ant4	10M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 17	10M	740	5790		21.79	21.85
	Band 17	Ant0	10M	710	23790	QPSK	1	0		Band 4	10M	2132.5	2175	4X4MIMO	23.02	23.11
	Band 17	Ant4	10M	710	23790	QPSK	1	0		Band 4	10M	2132.5	2175	4X4MIMO	22.72	22.76
CA_4A-48A	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO	22.69	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO	21.81	21.85
CA_5A-41A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4X4MIMO	22.73	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4X4MIMO	22.52	22.56
CA_7B	Band 7	Ant1	15M	2535	21100	QPSK	1	0	4X4MIMO	Band 7	5M	2544.3	3193	4X4MIMO	22.91	22.95
CA_12A-48A	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	23.00	23.05
	Band 12	Ant4	10M	707.5	23095	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	22.64	22.69
CA_25A-41A	Band 25	Ant0	20M	1880	26340	QPSK	1	0	4X4MIMO	Band 41	20M	2593	40620	4X4MIMO	22.66	22.73
	Band 25	Ant4	20M	1880	26340	QPSK	1	0	4X4MIMO	Band 41	20M	2593	40620	4X4MIMO	21.09	21.20
CA_26A-41A	Band 26	Ant0	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4X4MIMO	22.64	22.80
	Band 26	Ant4	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4X4MIMO	22.60	22.69
CA_41A-41A	Band 41	Ant1	20M	2593	40620	QPSK	1	0	4X4MIMO	Band 41	5M	2687.5	41565	4X4MIMO	22.92	22.97
CA_48A-71A	Band 71	Ant0	20M	683	133322	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	22.83	22.91
	Band 71	Ant4	20M	683	133322	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	22.74	22.82
CA_48B	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4X4MIMO	Band 48	5M	3697.5	56715	4X4MIMO	22.93	22.98

3CA DL

3CA List	PCC									SCC1						SCC2						Power	
	LTE	BW	BW	UL	UL	Mod.	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration		LTE	BW	DL	DL	DL Antenna Configuration		With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	RB Offset		Band	(MHz)	Freq. (MHz)	Channel			Band	(MHz)	Freq. (MHz)	Channel			Tx. Power (dBm)	Tx. Power (dBm)
CA_2A-2A-7A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 7	20M	2655	3100	4X4MIMO		22.76	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 7	20M	2655	3100	4X4MIMO		21.05	21.17
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		22.90	22.95
CA_2A-2A-29A	Band 2	Ant0	20M	1880	18900	QPSK	1	0		Band 2	5M	1987.5	1175	4X4MIMO		Band 29	10M	722.5	9715			22.73	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 2	5M	1987.5	1175	4X4MIMO		Band 29	10M	722.5	9715			21.06	21.17
CA_2A-4A-13A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 13	10M	751	5230			22.78	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 13	10M	751	5230			21.09	21.17
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 13	10M	751	5230			Band 2	20M	1960	900	4X4MIMO		22.72	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 13	10M	751	5230			Band 2	20M	1960	900	4X4MIMO		21.79	21.85
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		22.94	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		22.71	22.78
CA_2A-4A-29A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 29	10M	722.5	9715			22.76	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 29	10M	722.5	9715			21.06	21.17
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 29	10M	722.5	9715			Band 2	20M	1960	900	4X4MIMO		22.73	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 29	10M	722.5	9715			Band 2	20M	1960	900	4X4MIMO		21.81	21.85
CA_2A-4A-30A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 30	10M	2355	9820	4X4MIMO		22.62	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 30	10M	2355	9820	4X4MIMO		20.99	21.17
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 30	10M	2355	9820	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		22.68	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 30	10M	2355	9820	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		21.78	21.85
	Band 30	Ant1	10M	2310	27710	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		22.84	23.00
CA_2A-4A-71A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 71	20M	683	68786			22.69	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 71	20M	683	68786			21.04	21.17
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 71	20M	683	68786			Band 2	20M	1960	900	4X4MIMO		22.72	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 71	20M	683	68786			Band 2	20M	1960	900	4X4MIMO		21.80	21.85
	Band 71	Ant0	20M	683	133322	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		22.82	22.91
	Band 71	Ant4	20M	683	133322	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		22.77	22.82
CA_2A-5A-7A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525			Band 7	20M	2655	3100	4X4MIMO		22.76	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525			Band 7	20M	2655	3100	4X4MIMO		21.08	21.17
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		22.74	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		22.53	22.56
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 5	10M	881.5	2525			22.78	22.95
CA_2A-5A-30A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525			Band 30	10M	2355	9820	4X4MIMO		22.69	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525			Band 30	10M	2355	9820	4X4MIMO		21.00	21.17
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		22.70	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		22.40	22.56
	Band 30	Ant1	10M	2310	27710	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 5	10M	881.5	2525			22.90	23.00
CA_2A-5A-48A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525			Band 48	20M	3609	55830	4X4MIMO		22.77	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525			Band 48	20M	3609	55830	4X4MIMO		21.09	21.17
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		22.74	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		22.52	22.56
CA_2A-7A-12A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 12	10M	737.5	5095			Band 7	20M	2655	3100	4X4MIMO		22.66	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 12	10M	737.5	5095			Band 7	20M	2655	3100	4X4MIMO		20.98	21.17
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 12	10M	737.5	5095			22.87	22.95
	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 7	20M	2655	3100			Band 2	20M	1960	900	4X4MIMO		22.88	23.05
	Band 12	Ant4	10M	707.5	23095	QPSK	1	0		Band 7	20M	2655	3100			Band 2	20M	1960	900	4X4MIMO		22.51	22.69
CA_2A-12A-30A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 12	10M	737.5	5095	4X4MIMO		Band 30	10M	2355	9820	4X4MIMO		22.71	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 12	10M	737.5	5095	4X4MIMO		Band 30	10M	2355	9820	4X4MIMO		21.09	21.17
	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		22.91	23.05
	Band 12	Ant4	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		22.61	22.69
	Band 30	Ant1	10M	2310	27710	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 12	10M	737.5	5095			22.90	23.00
CA_2A-13A-48A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 13	10M	751	5230			Band 48	20M	3609	55830	4X4MIMO		22.73	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 13	10M	751	5230			Band 48	20M	3609	55830	4X4MIMO		21.06	21.17
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		22.86	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		22.71	22.78
CA_2A-14A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0		Band 14	10M	763	5330			Band 66	20M	2155	66886	4X4MIMO		22.63	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 14	10M	763	5330			Band 66	20M	2155	66886	4X4MIMO		21.03	21.17
	Band 14	Ant0	10M	793	23330	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		22.89	23.01
	Band 14	Ant4	10M	793	23330	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		22.66	22.81
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 14	10M	763	5330			22.63	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 14	10M	763	5330			21.74	21.88
CA_2A-29A-30A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 29	10M	722.5	9715			Band 30	10M	2355	9820	4X4MIMO		22.70	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 29	10M	722.5	9715			Band 30	10M	2355	9820	4X4MIMO		21.06	21.17
	Band 30	Ant1	10M	2310	27710	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 29	10M	722.5	9715			22.83	23.00
CA_2A-29A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 29	10M	722.5	9715			Band 66	20M	2155	66886	4X4MIMO		22.72	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 29	10M	722.5	9715			Band 66	20M	2155	66886	4X4MIMO		21.05	21.17
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 29	10M	722.5	9715			22.68	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 29	10M	722.5	9715			21.79	21.88
CA_2A-30A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 30	10M	2355	9820	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		22.70	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 30	10M	2355	9820	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		21.01	21.17
	Band 30	Ant1	10M	2310	27710	QPSK	1	0	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		22.89	23.00
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 30	10M	2355	9820	4X4MIMO		22.57	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 30	10M	2355	9820	4X4MIMO		21.70	21.88
CA_2A-48A-48A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO		Band 48	5M	3697.5	56715	4X4MIMO		22.62	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO		Band 48	5M	3697.5	56715	4X4MIMO		21.07	21.17
CA_2C-12A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	20M	1979.8	1098	4X4MIMO		Band 12	10M	737.5	5095			22.61	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	20M	1979.8	1098	4X4MIMO		Band 12	10M	737.5	5095			21.08	21.17
	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 2	20M	1979.8	1098	4X4MIMO		22.86	23.05
	Band 12	Ant4	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 2	20M	1979.8	1098	4X4MIMO		22.61	22.69
CA_4A-4A-7A	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 4	5M	2152.5	2375	4X4MIMO		Band 7	20M	2655	3100	4X4MIMO		22.69	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 4	5M	2152.5	2375	4X4MIMO		Band 7	20M	2655	3100	4X4MIMO		21.70	21.85
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 4	5M	2152.5	2375	4X4MIMO		22.84	22.95
CA_4A-4A-13A	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 4	5M	2152.5	2375	4X4MIMO		Band 13	10M	751	5230			22.68	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 4	5M	2152.5	2375	4X4MIMO		Band 13	10M	751	5230			21.72	21.85
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 4	20M	2132.5	2175	4X4MIMO		Band 4	5M	2152.5	2375	4X4MIMO		22.82	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 4	20M	2132.5	2175	4X4MIMO		Band 4	5M	2152.5	2375	4X4MIMO		22.70	22.78
CA_4A-4A-29A	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 4	5M	2152.5	2375	4X4MIMO		Band 29	10M	722.5	9715			22.66	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 4	5M	2152.5	2375	4X4MIMO		Band 29	10M	722.5	9715			21.74	21.85
CA_4A-4A-71A	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 4	5M	2152.5	2375	4X4MIMO		Band 71	20M	683	68786			22.67	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 4	5M	2152.5	2375	4X4MIMO		Band 71	20M	683	68786			21.77	21.85
	Band 71	Ant0	20M	683	133322	QPSK	1	0		Band 4	20M	2132.5	2175	4X4MIMO		Band 4	5M	2152.5	2375	4X4MIMO		22.80	22.91
	Band 71	Ant4	20M	683	133322	QPSK	1	0		Band 4	20M	2132.5	2175	4X4MIMO		Band 4	5M	2152.5	2375	4X4MIMO		22.70	22.82
CA_4A-5A-30A	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525			Band 30	10M	2355	9820	4X4MIMO		22.62	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525			Band 30	10M	2355	9820	4X4MIMO		21.78	21.85
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		22.64	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		22.43	22.56
	Band 30	Ant1	10M	2310	27710	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 5	10M	881.5	2525			22.86	23.00
CA_4A-7A-12A	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO		Band 12	10M	737.5	5095			22.62	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO		Band 12	10M	737.5	5095			21.73	21.85
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 12	10M	737.5	5095			Band 4	20M	2132.5	2175	4X4MIMO		22.84	22.95
	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 4	20M	2132.5	2175	4X4MIMO		Band 7	20M	2655	3100	4X4MIMO		22.94	23.05
	Band 12	Ant4	10M	707.5	23095	QPSK	1	0		Band 4	20M	2132.5	2175	4X4MIMO		Band 7	20M	2655	3100	4X4MIMO		22.62	22.69
CA_4A-12A-30A	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 12	10M	737.5	5095			Band 30	10M	2355	9820	4X4MIMO		22.62	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 12	10M	737.5	5095			Band 30	10M	2355	9820	4X4MIMO		21.71	21.85
	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		22.94	23.05
	Band 12	Ant4	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		22.58	22.69
	Band 30	Ant1	10M	2310	27710	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 12	10M	737.5	5095			22.86	23.00
CA_4A-29A-30A	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 29	10M	722.5	9715			Band 30	10M	2355	9820	4X4MIMO		22.67	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 29	10M	722.5	9715			Band 30	10M	2355	9820	4X4MIMO		21.77	21.85
	Band 30	Ant1	10M	2310	27710	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 29	10M	722.5	9715			22.91	23.00
CA_4A-48C	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO		Band 48	20M	3628.8	56028	4X4MIMO		22.60	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO		Band 48	20M	3628.8	56028	4X4MIMO		21.73	21.85
CA_5B-30A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597			Band 30	10M	2355	9820	4X4MIMO		22.60	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597			Band 30	10M	2355	9820	4X4MIMO		22.40	22.56
	Band 30	Ant1	10M	2310	27710	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525			Band 5	5M	888.7	2597			22.82	23.00
CA_5A-7A-7A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4X4MIMO		Band 7	5M	2687.5	3425	4X4MIMO		22.68	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4X4MIMO		Band 7	5M	2687.5	3425	4X4MIMO		22.41	22.56
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO		Band 5	10M	881.5	2525			22.87	22.95
CA_5A-48A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		22.60	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		22.44	22.56
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525			Band 48	20M	3609	55830	4X4MIMO		22.60	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525			Band 48	20M	3609	55830	4X4MIMO		21.70	21.88
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 12	10M	737.5	5095			Band 66	20M	2155	66886	4X4MIMO		22.85	22.95

CA_7A-12A-66A	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	22.87	23.05
	Band 12	Ant4	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	22.59	22.69
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 12	10M	737.5	5095		22.58	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 12	10M	737.5	5095		21.79	21.88
CA_7A-29A-66A	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 29	10M	722.5	9715		Band 66	20M	2155	66886	4X4MIMO	22.79	22.95
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 29	10M	722.5	9715		22.63	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 29	10M	722.5	9715		21.72	21.88
CA_7C_29A	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	Band 29	10M	722.5	9715		22.86	22.95
CA_12A-66C	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	22.93	23.05
	Band 12	Ant4	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	22.51	22.69
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 12	10M	737.5	5095		22.59	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 12	10M	737.5	5095		21.77	21.88
CA_12A-48C	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	22.97	23.05
	Band 12	Ant4	10M	707.5	23095	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	22.50	22.69
CA_13A-48A-48A	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	5M	3697.5	56715	4X4MIMO	22.90	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	5M	3697.5	56715	4X4MIMO	22.64	22.78
CA_13A-48A-66A	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	22.86	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	22.70	22.78
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4X4MIMO	22.64	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4X4MIMO	21.74	21.88
CA_13A-66A-66A	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.88	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.64	22.78
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 13	10M	751	5230		22.68	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 13	10M	751	5230		21.71	21.88
CA_14A-30A-66A	Band 14	Ant0	10M	793	23330	QPSK	1	0		Band 30	10M	2355	9820	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	22.87	23.01
	Band 14	Ant4	10M	793	23330	QPSK	1	0		Band 30	10M	2355	9820	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	22.62	22.81
	Band 30	Ant1	10M	2310	27710	QPSK	1	0	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 14	10M	763	5330		22.91	23.00
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 14	10M	763	5330		Band 30	10M	2355	9820	4X4MIMO	22.61	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 14	10M	763	5330		Band 30	10M	2355	9820	4X4MIMO	21.80	21.88
CA_25A-25A-26A	Band 25	Ant0	20M	1880	26340	QPSK	1	0	4X4MIMO	Band 25	20M	1985	8590	4X4MIMO	Band 26	5M	876.5	8865		22.58	22.73
	Band 25	Ant4	20M	1880	26340	QPSK	1	0	4X4MIMO	Band 25	20M	1985	8590	4X4MIMO	Band 26	5M	876.5	8865		21.02	21.20
	Band 26	Ant0	5M	831.5	26865	QPSK	1	0		Band 25	20M	1960	8340	4X4MIMO	Band 25	20M	1985	8590	4X4MIMO	22.63	22.80
	Band 26	Ant4	5M	831.5	26865	QPSK	1	0		Band 25	20M	1960	8340	4X4MIMO	Band 25	20M	1985	8590	4X4MIMO	22.59	22.69
CA_25A-41C	Band 25	Ant0	20M	1880	26340	QPSK	1	0	4X4MIMO	Band 41	20M	2593	40620	4X4MIMO	Band 41	20M	2612.8	40818	4X4MIMO	22.57	22.73
	Band 25	Ant4	20M	1880	26340	QPSK	1	0	4X4MIMO	Band 41	20M	2593	40620	4X4MIMO	Band 41	20M	2612.8	40818	4X4MIMO	21.04	21.20
CA_26A-41C	Band 26	Ant0	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4X4MIMO	Band 41	20M	2612.8	40818	4X4MIMO	22.66	22.80
	Band 26	Ant4	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4X4MIMO	Band 41	20M	2612.8	40818	4X4MIMO	22.57	22.69
CA_29A-30A-66A	Band 30	Ant1	10M	2310	27710	QPSK	1	0	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 29	10M	722.5	9715		22.84	23.00
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 29	10M	722.5	9715		Band 30	10M	2355	9820	4X4MIMO	22.59	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 29	10M	722.5	9715		Band 30	10M	2355	9820	4X4MIMO	21.71	21.88
CA_29A-66A-66A	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 29	10M	722.5	9715		22.64	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 29	10M	722.5	9715		21.71	21.88
CA_30A-66A-66A	Band 30	Ant1	10M	2310	27710	QPSK	1	0	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.92	23.00
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 30	10M	2355	9820	4X4MIMO	22.61	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 30	10M	2355	9820	4X4MIMO	21.73	21.88
CA_41A-41C	Band 41	Ant1	20M	2675.8	39750	QPSK	1	0	4X4MIMO	Band 41	20M	2660.2	41292	4X4MIMO	Band 41	20M	2680	41490	4X4MIMO	22.81	22.97
CA_48A-48A-48A	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4X4MIMO	Band 48	5M	3697.5	56715	4X4MIMO	Band 48	20M	3560	55340	4X4MIMO	22.93	22.98
A_48C-71A	Band 71	Ant0	20M	683	133322	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	22.76	22.91
	Band 71	Ant4	20M	683	133322	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	22.67	22.82
CA_48A-48A-71A	Band 71	Ant0	20M	683	133322	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	5M	3697.5	56715	4X4MIMO	22.80	22.91
	Band 71	Ant4	20M	683	133322	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	5M	3697.5	56715	4X4MIMO	22.72	22.82
CA_66A-66B	Band 66	Ant0	20M	1720	132072	QPSK	1	0	4X4MIMO	Band 66	15M	2155	66886	4X4MIMO	Band 66	5M	2164.3	66979	4X4MIMO	22.68	22.76
	Band 66	Ant4	20M	1720	132072	QPSK	1	0	4X4MIMO	Band 66	15M	2155	66886	4X4MIMO	Band 66	5M	2164.3	66979	4X4MIMO	21.80	21.88
CA_66A-66C	Band 66	Ant0	20M	1720	132072	QPSK	1	0	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	22.67	22.76
	Band 66	Ant4	20M	1720	132072	QPSK	1	0	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	21.81	21.88
CA_66A-66A-66A	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 66	20M	2120	66536	4X4MIMO	22.58	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 66	20M	2120	66536	4X4MIMO	21.73	21.88
CA_66C-71A	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 71	20M	683	68786		22.57	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 71	20M	683	68786		21.76	21.88
	Band 71	Ant0	20M	683	133322	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	22.83	22.91
	Band 71	Ant4	20M	683	133322	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	22.74	22.82
CA_66A-66A-71A	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 71	20M	683	68786		22.62	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 71	20M	683	68786		21.72	21.88
	Band 71	Ant0	20M	683	133322	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.75	22.91
	Band 71	Ant4	20M	683	133322	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.69	22.82

4CA DL

Configure	PCC									SCC1						SCC2						SCC3						Power	
	LTE	BW	BW	UL	UL	Mod.	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration		LTE	BW	DL	DL	DL Antenna Configuration		LTE	BW	DL	DL	DL Antenna Configuration		With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	RB Offset		Band	(MHz)	Freq. (MHz)	Channel			Band	(MHz)	Freq. (MHz)	Channel			Band	(MHz)	Freq. (MHz)	Channel			Tx. Power (dBm)	Tx. Power (dBm)
CA_2A-2A-4A-4A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		Band 4	5M	2152.5	2375	4X4MIMO		22.70	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		Band 4	5M	2152.5	2375	4X4MIMO		21.10	21.17
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 4	5M	2152.5	2375	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		22.63	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 4	5M	2152.5	2375	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		21.66	21.85
CA_2A-2A-4A-5A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		Band 5	10M	881.5	2525			22.61	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		Band 5	10M	881.5	2525			21.00	21.17
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 5	10M	881.5	2525			22.59	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 5	10M	881.5	2525			21.75	21.85
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		22.68	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		22.45	22.56
CA_2A-2A-4A-12A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		Band 12	10M	737.5	5095			22.71	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		Band 12	10M	737.5	5095			21.00	21.17
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 12	10M	737.5	5095			22.68	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 12	10M	737.5	5095			21.67	21.85
	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		22.96	23.05
	Band 12	Ant4	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		22.59	22.69
CA_2A-2A-4A-71A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		Band 71	20M	637	68786			22.72	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		Band 71	20M	637	68786			21.00	21.17
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 71	20M	637	68786			22.68	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 71	20M	637	68786			21.67	21.85
	Band 71	Ant0	20M	683	133322	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		22.80	22.91
	Band 71	Ant4	20M	683	133322	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		22.74	22.82
CA_2A-2A-5B	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 5	10M	881.5	2525			Band 5	5M	888.7	2597			22.72	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 5	10M	881.5	2525			Band 5	5M	888.7	2597			21.01	21.17
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		22.63	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		22.46	22.56
CA_2A-2A-5A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 5	10M	881.5	2525			Band 66	20M	2155	66886	4X4MIMO		22.70	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 5	10M	881.5	2525			Band 66	20M	2155	66886	4X4MIMO		21.02	21.17
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		22.68	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		22.48	22.56
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 5	10M	881.5	2525			22.67	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 5	10M	881.5	2525			21.77	21.88
CA_2A-2A-7A-12A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 7	20M	2655	3100	4X4MIMO		Band 12	10M	737.5	5095			22.67	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 7	20M	2655	3100	4X4MIMO		Band 12	10M	737.5	5095			21.02	21.17
	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 7	20M	2655	3100	4X4MIMO		22.97	23.05
	Band 12	Ant4	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 7	20M	2655	3100	4X4MIMO		22.53	22.69
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 12	10M	737.5	5095			22.85	22.95
CA_2A-2A-7A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 7	20M	2655	3100	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		22.62	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 7	20M	2655	3100	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		21.00	21.17
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 7	20M	2655	3100	4X4MIMO		22.62	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 7	20M	2655	3100	4X4MIMO		21.79	21.88
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		22.77	22.95
CA_2A-2A-12B	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 12	5M	737.5	5095			Band 12	5M	742.3	5143			22.62	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 12	5M	737.5	5095			Band 12	5M	742.3	5143			21.02	21.17
	Band 12	Ant0	5M	707.5	23095	QPSK	1	0		Band 12	5M	742.3	5143			Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		22.89	23.05
	Band 12	Ant4	5M	707.5	23095	QPSK	1	0		Band 12	5M	742.3	5143			Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		22.51	22.69
CA_2A-2A-12A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 12	10M	737.5	5095			Band 66	20M	2155	66886	4X4MIMO		22.65	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 12	10M	737.5	5095			Band 66	20M	2155	66886	4X4MIMO		21.00	21.17
	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		22.87	23.05
	Band 12	Ant4	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		22.52	22.69
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 12	10M	737.5	5095			22.60	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 12	10M	737.5	5095			21.73	21.88
CA_2A-2A-13A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 13	10M	751	5230			Band 66	20M	2155	66886	4X4MIMO		22.61	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 13	10M	751	5230			Band 66	20M	2155	66886	4X4MIMO		21.01	21.17
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		22.83	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		22.60	22.78
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 13	10M	751	5230			22.65	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 13	10M	751	5230			21.74	21.88
CA_2A-2A-14A-30A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 14	10M	763	5330			Band 30	10M	2355	9820	4X4MIMO		22.72	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 14	10M	763	5330			Band 30	10M	2355	9820	4X4MIMO		21.03	21.17
	Band 14	Ant0	10M	793	23330	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 30	10M	2355	9820	4X4MIMO		22.91	23.01
	Band 14	Ant4	10M	793	23330	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 30	10M	2355	9820	4X4MIMO		22.67	22.81
	Band 30	Ant1	10M	2310	27710	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 14	10M	763	5330			22.88	23.00
CA_2A-2A-66B	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 66	15M	2155	66886	4X4MIMO		Band 66	5M	2164.3	66979	4X4MIMO		22.67	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 66	15M	2155	66886	4X4MIMO		Band 66	5M	2164.3	66979	4X4MIMO		21.01	21.17
	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2154.3	66879	4X4MIMO		Band 2	20M	1880	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		22.67	22.76
	Band 66	Ant4	15M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2154.3	66879	4X4MIMO		Band 2	20M	1880	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		21.79	21.88
CA_2A-2A-66C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		Band 66	20M	2174.8	67084	4X4MIMO		22.66	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		Band 66	20M	2174.8	67084	4X4MIMO		21.08	21.17
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO		Band 2	20M	1880	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		22.61	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO		Band 2	20M	1880	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		21.73	21.88
CA_2A-2A-66A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		Band 66	5M	2197.5	67311	4X4MIMO		22.66	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		Band 66	5M	2197.5	67311	4X4MIMO		21.09	21.17
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO		Band 2	20M	1880	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		22.58	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO		Band 2	20M	1880	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		21.79	21.88
CA_2A-2A-66A-71A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		Band 71	20M	683	68786			22.75	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 2	5M	1987.5	1175	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		Band 71	20M	683	68786			21.08	21.17
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 71	20M	683	68786			Band 2	20M	1880	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		22.64	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 71	20M	683	68786			Band 2	20M	1880	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		21.69	21.88
	Band 71	Ant0	20M	683	133322	QPSK	1	0		Band 2	20M	1880	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		22.80	22.91
	Band 71	Ant4	20M	683	133322	QPSK	1	0		Band 2	20M	1880	900	4X4MIMO		Band 2	5M	1987.5	1175	4X4MIMO		Band 66	20M	2155	66886	4X4MIMO		22.66	22.82
CA_2A-4A-4A-5A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 4	5M	2152.5	2375	4X4MIMO		Band 5	10M	881.5	2525			22.73	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 4	5M	2152.5	2375	4X4MIMO		Band 5	10M	881.5	2525			21.07	21.17
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 4	5M	2152.5	2375	4X4MIMO		Band 5	10M	881.5	2525			Band 2	20M	1960	900	4X4MIMO		22.69	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 4	5M	2152.5	2375	4X4MIMO		Band 5	10M	881.5	2525			Band 2	20M	1960	900	4X4MIMO		21.71	21.85
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		Band 4	5M	2152.5	2375	4X4MIMO		22.66	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		Band 4	5M	2152.5	2375	4X4MIMO		22.45	22.56
CA_2A-4A-4A-12A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 4	5M	2152.5	2375	4X4MIMO		Band 12	10M	737.5	5095			22.68	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 4	5M	2152.5	2375	4X4MIMO		Band 12	10M	737.5	5095			21.04	21.17
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 4	5M	2152.5	2375	4X4MIMO		Band 12	10M	737.5	5095			Band 2	20M	1960	900	4X4MIMO		22.67	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 4	5M	2152.5	2375	4X4MIMO		Band 12	10M	737.5	5095			Band 2	20M	1960	900	4X4MIMO		21.73	21.85
	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		Band 4	5M	2152.5	2375	4X4MIMO		22.89	23.05
	Band 12	Ant4	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		Band 4	5M	2152.5	2375	4X4MIMO		22.57	22.69
CA_2A-4A-4B	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 5	10M	881.5	2525			Band 5	5M	888.7	2597			22.72	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 5	10M	881.5	2525			Band 5	5M	888.7	2597			21.04	21.17
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525			Band 5	5M	888.7	2597			Band 2	20M	1960	900	4X4MIMO		22.68	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525			Band 5	5M	888.7	2597			Band 2	20M	1960	900	4X4MIMO		21.77	21.85
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597			Band 2	20M	1960	900	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		22.64	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597			Band 2	20M	1960	900	4X4MIMO		Band 4	20M	2132.5	2175	4X4MIMO		22.48	22.56
CA_2A-4A-7C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 7	20M	2655	3100	4X4MIMO		Band 7	20M	2554.8	3298	4X4MIMO		22.62	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 4	20M	2132.5	2175	4X4MIMO		Band 7	20M	2655	3100	4X4MIMO		Band 7	20M	2554.8	3298	4X4MIMO		21.09	21.17
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO		Band 7	20M	2554.8	3298	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		22.59	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO		Band 7	20M	2554.8	3298	4X4MIMO		Band 2	20M	1960	900	4X4MIMO		21.73	21.85

CA_2A-5A-48C	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	21.03	21.17
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.72	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.39	22.56
CA_2A-5A-66B	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525		Band 66	15M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.68	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525		Band 66	15M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	20.99	21.17
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 66	15M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.66	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 66	15M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.39	22.56
	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 5	10M	881.5	2525		22.57	22.76
	Band 66	Ant4	15M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 5	10M	881.5	2525		21.71	21.88
CA_2A-5A-66C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	22.68	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	21.02	21.17
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.65	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.46	22.56
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 5	10M	881.5	2525		22.60	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 5	10M	881.5	2525		21.80	21.88
CA_2A-5A-66A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2177.5	67111	4X4MIMO	22.67	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2177.5	67111	4X4MIMO	21.02	21.17
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2177.5	67111	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.62	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2177.5	67111	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.40	22.56
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2177.5	67111	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 5	10M	881.5	2525		22.57	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2177.5	67111	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 5	10M	881.5	2525		21.77	21.88
CA_2A-7C-13A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	Band 13	10M	751	5230		22.61	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	Band 13	10M	751	5230		20.99	21.17
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	22.88	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	22.64	22.78
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	Band 13	10M	751	5230		Band 2	20M	1960	900	4X4MIMO	22.87	22.95
CA_2A-7A-7A-13A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO	Band 13	10M	751	5230		22.64	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO	Band 13	10M	751	5230		21.08	21.17
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO	22.86	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 2	20M	1960	900	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO	22.69	22.78
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO	Band 13	10M	751	5230		Band 2	20M	1960	900	4X4MIMO	22.85	22.95
CA_2A-7C-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	22.72	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	21.03	21.17
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.88	22.95
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	22.64	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	21.70	21.88
CA_2A-7A-7A-29A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO	Band 29	10M	722.5	9715		22.69	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO	Band 29	10M	722.5	9715		21.04	21.17
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO	Band 29	10M	722.5	9715		Band 2	20M	1960	900	4X4MIMO	22.78	22.95
CA_2A-7A-7A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	22.62	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	21.04	21.17
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.87	22.95
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO	22.60	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO	21.76	21.88
CA_2A-7A-66A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.63	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	21.01	21.17
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.76	22.95
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	22.60	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	21.76	21.88
CA_2A-12A-66C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	22.63	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	20.98	21.17
	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.96	23.05
	Band 12	Ant4	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.56	22.69
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 12	10M	737.5	5095		22.59	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 12	10M	737.5	5095		21.74	21.88
CA_2A-12A-66A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.66	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	21.09	21.17
	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.94	23.05
	Band 12	Ant4	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.50	22.69
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 12	10M	737.5	5095		22.68	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 12	10M	737.5	5095		21.74	21.88
CA_2A-12B-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 12	5M	737.5	5095		Band 12	5M	742.3	5143		Band 66	20M	2155	66886	4X4MIMO	22.70	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 12	5M	737.5	5095		Band 12	5M	742.3	5143		Band 66	20M	2155	66886	4X4MIMO	21.02	21.17
	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 12	5M	742.3	5143		Band 66	20M	2155	66886	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.95	23.05
	Band 12	Ant4	10M	707.5	23095	QPSK	1	0		Band 12	5M	742.3	5143		Band 66	20M	2155	66886	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.52	22.69
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 12	5M	737.5	5095		Band 12	5M	742.3	5143		22.63	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 12	5M	737.5	5095		Band 12	5M	742.3	5143		21.79	21.88
CA_2A-13A-48C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	22.62	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	21.10	21.17
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.91	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.69	22.78
CA_2A-13A-66B	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 13	10M	751	5230		Band 66	15M	2155	66886	4X4MIMO	Band 66	5M	2164.3	66979	4X4MIMO	22.71	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 13	10M	751	5230		Band 66	15M	2155	66886	4X4MIMO	Band 66	5M	2164.3	66979	4X4MIMO	20.99	21.17
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 66	15M	2155	66886	4X4MIMO	Band 66	5M	2164.3	66979	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.84	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 66	15M	2155	66886	4X4MIMO	Band 66	5M	2164.3	66979	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.64	22.78
	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2154.3	66879	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 13	10M	751	5230		22.63	22.76
	Band 66	Ant4	15M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2154.3	66879	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 13	10M	751	5230		21.70	21.88
CA_2A-13A-66C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 13	10M	751	5230		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	22.70	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 13	10M	751	5230		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	21.04	21.17
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.86	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.65	22.78
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 13	10M	751	5230		22.67	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 13	10M	751	5230		21.77	21.88
CA_2A-13A-66A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 13	10M	751	5230		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.61	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 13	10M	751	5230		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	21.03	21.17
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.86	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.67	22.78
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 13	10M	751	5230		22.67	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 13	10M	751	5230		21.77	21.88
CA_2A-48D	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 48	20M	3648.6	56226	4X4MIMO	22.67	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 48	20M	3648.6	56226	4X4MIMO	21.00	21.17
CA_2A-48A-48C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 48	20M	3560	55340	4X4MIMO	Band 48	20M	3670.2	56442	4X4MIMO	Band 48	20M	3690	56640	4X4MIMO	22.63	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 48	20M	3560	55340	4X4MIMO	Band 48	20M	3670.2	56442	4X4MIMO	Band 48	20M	3690	56640	4X4MIMO	21.08	21.17
CA_2A-48C-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	22.66	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	21.01	21.17
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	22.67	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	21.76	21.88
CA_2A-48A-66A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.71	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	21.02	21.17
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO	22.61	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO	21.70	21.88
CA_2A-66A-66A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 66	20M	2120	66536	4X4MIMO	22.61	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 66	20M	2120	66536	4X4MIMO	21.03	21.17
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 66	20M	2120	66536	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	22.61	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 66	20M	2120	66536	4X4MIMO	Band 2	20M	1960	900	4X4MIMO	21.80	21.88
CA_2A-66A-66B	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 66	20M	2120	66536	4X4MIMO	Band 66	5M	2145.7	66793	4X4MIMO	Band 66	15M	2155	66886	4X4MIMO	22.69	22.80
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4X4MIMO	Band 66	20M	2120	66536	4X4MIMO	Band 66	5M	2145.7	66793	4X4MIMO	Band 66	15M	2155	66886	4X4MIMO	21.05	21.17
	Band 66	Ant0	20M	1720	132072	QPSK	1	0	4X4MIMO

CA_4A-4A-12B	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 4	5M	2152.5	2375	4X4MIMO	Band 12	10M	737.5	5095		Band 12	5M	742.3	5143		21.73	21.85
	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 12	5M	742.3	5143		Band 4	20M	2132.5	2175	4X4MIMO	Band 4	5M	2152.5	2375	4X4MIMO	22.93	23.05
	Band 12	Ant4	10M	707.5	23095	QPSK	1	0		Band 12	5M	742.3	5143		Band 4	20M	2132.5	2175	4X4MIMO	Band 4	5M	2152.5	2375	4X4MIMO	22.56	22.69
CA_4A-48D	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 48	20M	3648.6	56226	4X4MIMO	22.61	22.76
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 48	20M	3648.6	56226	4X4MIMO	21.77	21.85
CA_5B-66B	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	15M	2155	66886	4X4MIMO	Band 66	5M	2164.3	66979	4X4MIMO	22.68	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	15M	2155	66886	4X4MIMO	Band 66	5M	2164.3	66979	4X4MIMO	22.47	22.56
	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2154.3	66879	4X4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		22.59	22.76
	Band 66	Ant4	15M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2154.3	66879	4X4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		21.77	21.88
CA_5B-66C	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	22.71	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	22.42	22.56
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		22.67	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		21.77	21.88
CA_5B-66A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.68	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.42	22.56
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		22.59	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		21.76	21.88
CA_5A-5A-66B	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625		Band 66	15M	2155	66886	4X4MIMO	Band 66	5M	2164.3	66979	4X4MIMO	22.66	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625		Band 66	15M	2155	66886	4X4MIMO	Band 66	5M	2164.3	66979	4X4MIMO	22.41	22.56
	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2154.3	66879	4X4MIMO	Band 5	10M	881.5	2525		Band 5	5M	891.5	2625		22.62	22.76
	Band 66	Ant4	15M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2154.3	66879	4X4MIMO	Band 5	10M	881.5	2525		Band 5	5M	891.5	2625		21.80	21.88
CA_5A-5A-66C	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	22.65	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625		Band 66	20M	2155	66886	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	22.43	22.56
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 5	10M	881.5	2525		Band 5	5M	891.5	2625		22.57	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	20M	2174.8	67084	4X4MIMO	Band 5	10M	881.5	2525		Band 5	5M	891.5	2625		21.77	21.88
CA_5A-5A-66A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.63	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.38	22.56
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 5	10M	881.5	2525		Band 5	5M	891.5	2625		22.58	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 5	10M	881.5	2525		Band 5	5M	891.5	2625		21.74	21.88
CA_5A-7C-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	22.69	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	22.42	22.56
	Band 7	Ant1	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525		Band 7	20M	2655	3100	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	22.82	22.95
	Band 66	Ant0	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 5	10M	881.5	2525		22.60	22.76
	Band 66	Ant4	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 5	10M	881.5	2525		21.69	21.88
CA_5A-7A-66A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.65	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.48	22.56
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 5	10M	881.5	2525		22.85	22.95
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 5	10M	881.5	2525		Band 7	20M	2655	3100	4X4MIMO	22.68	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 5	10M	881.5	2525		Band 7	20M	2655	3100	4X4MIMO	21.77	21.88
CA_5A-30A-66A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.66	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.43	22.56
	Band 30	Ant1	10M	2310	27710	QPSK	1	0	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 5	10M	881.5	2525		22.85	23.00
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 5	10M	881.5	2525		Band 30	10M	2355	9820	4X4MIMO	22.62	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 5	10M	881.5	2525		Band 30	10M	2355	9820	4X4MIMO	21.72	21.88
CA_5A-48D	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 48	20M	3648.6	56226	4X4MIMO	22.67	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 48	20M	3648.6	56226	4X4MIMO	22.39	22.56
CA_5A-48C-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	22.67	22.79
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	22.37	22.56
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	22.59	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	21.80	21.88
CA_7C-13A-66A	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	Band 13	10M	751	5230		Band 66	20M	2155	66886	4X4MIMO	22.84	22.95
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	22.87	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	22.67	22.78
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	Band 13	10M	751	5230		22.67	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	Band 13	10M	751	5230		21.70	21.88
CA_7C-66A-66A	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.78	22.95
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	22.60	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	20M	2554.8	3298	4X4MIMO	21.80	21.88
CA_7A-7A-29A-66A	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO	Band 29	10M	722.5	9715		Band 66	20M	2155	66886	4X4MIMO	22.79	22.95
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 29	10M	722.5	9715		Band 7	20M	2655	3100	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO	22.64	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 29	10M	722.5	9715		Band 7	20M	2655	3100	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO	21.70	21.88
CA_7A-7A-66A-66A	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.84	22.95
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO	22.62	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 7	20M	2655	3100	4X4MIMO	Band 7	5M	2687.5	3425	4X4MIMO	21.77	21.88
CA_12A-30A-66A-66A	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.92	23.05
	Band 12	Ant4	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.60	22.69
	Band 30	Ant1	10M	2310	27710	QPSK	1	0	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 12	10M	737.5	5095		22.91	23.00
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 12	10M	737.5	5095		Band 30	10M	2355	9820	4X4MIMO	22.59	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 12	10M	737.5	5095		Band 30	10M	2355	9820	4X4MIMO	21.80	21.88
CA_12B-66A-66A	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 12	5M	742.3	5143		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.86	23.05
	Band 12	Ant4	10M	707.5	23095	QPSK	1	0		Band 12	5M	742.3	5143		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	22.56	22.69
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 12	10M	737.5	5095		Band 12	5M	742.3	5143		22.62	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 12	10M	737.5	5095		Band 12	5M	742.3	5143		21.72	21.88
CA_13A-48D	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 48	20M	3648.6	56226	4X4MIMO	22.84	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 48	20M	3648.6	56226	4X4MIMO	22.65	22.78
CA_13A-48A-48C	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3560	55340	4X4MIMO	Band 48	20M	3670.2	56442	4X4MIMO	Band 48	20M	3690	56640	4X4MIMO	22.86	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 48	20M	3560	55340	4X4MIMO	Band 48	20M	3670.2	56442	4X4MIMO	Band 48	20M	3690	56640	4X4MIMO	22.63	22.78
CA_13A-48C-66A	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	22.90	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 66	20M	2155	66886	4X4MIMO	22.67	22.78
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	22.58	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	21.79	21.88
CA_13A-48A-66B	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 66	15M	2145	66786	4X4MIMO	Band 66	5M	2154.3	66879	4X4MIMO	22.86	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 66	15M	2145	66786	4X4MIMO	Band 66	5M	2154.3	66879	4X4MIMO	22.59	22.78
	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2154.3	66879	4X4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4X4MIMO	22.60	22.76
	Band 66	Ant4	15M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2154.3	66879	4X4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4X4MIMO	21.76	21.88
CA_13A-48A-66C	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 66	20M	2145	66786	4X4MIMO	Band 66	20M	2164.8	66984	4X4MIMO	22.82	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4X4MIMO	Band 66	20M	2145	66786	4X4MIMO	Band 66	20M	2164.8	66984	4X4MIMO	22.65	22.78
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	20M	2164.8	66984	4X4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4X4MIMO	22.57	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	20M	2164.8	66984	4X4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4X4MIMO	21.74	21.88
CA_13A-66A-66B	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 66	20M	2120	66536	4X4MIMO	Band 66	5M	2145.7	66793	4X4MIMO	Band 66	15M	2155	66886	4X4MIMO	22.80	22.98
	Band 13	Ant4	10M	782	23230	QPSK	1	0		Band 66	20M	2120	66536	4X4MIMO	Band 66	5M	2145.7	66793	4X4MIMO	Band 66	15M	2155	66886	4X4MIMO	22.68	22.78
	Band 66	Ant0	20M	1720	132072	QPSK	1	0	4X4MIMO	Band 66	5M	2145.7	66793	4X4MIMO	Band 66	15M	2155	66886	4X4MIMO	Band 13	10M	751	5230		22.65	22.76
	Band 66	Ant4	20M	1720	132072	QPSK	1	0	4X4MIMO	Band 66	5M	2145.7	66793	4X4MIMO	Band 66	15M	2155	66886	4X4MIMO	Band 13	10M	751	5230		21.80	21.88
CA_14A-66A-66A-66A	Band 14	Ant0	10M	793	23330	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 66	20M	2120	66536	4X4MIMO	22.89	23.01
	Band 14	Ant4	10M	793	23330	QPSK	1	0		Band 66	20M	2155	66886	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 66	20M	2120	66536	4X4MIMO	22.71	22.81
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 66	20M	2120	66536	4X4MIMO	Band 14	10M	763	5330		22.61	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2197.5	67311	4X4MIMO	Band 66	20M	2120	66536	4X4MIMO	Band 14	10M	763	5330		21.73	21.88
CA_25A-41D	Band 25	Ant0	20M	1880	26340	QPSK	1	0	4X4MIMO	Band 41	20M	2593	40620	4X4MIMO	Band 41	20M	2612.8	40818	4X4MIMO	Band 41	20M	2632.6	41016	4X4MIMO	22.57	22.73
	Band 25	Ant4	20M	1880	26340	QPSK	1	0	4X4MIMO	Band 41	20M	2593	40620	4X4MIMO	Band 41	20M	2612.8	40818	4X4MIMO	Band 41	20M	2632.6	41016	4X4MIMO	21.05	21.20
CA_48C-48C	Band 48	Ant5	20M	3560	55340	QPSK	1	0	4X4MIMO	Band 48	20M	3579.8	55538	4X4MIMO	Band 48	20M	3670.2	56442	4X4MIMO	Band 48	20M	3690	56640	4X4MIMO	22.93	22.98
CA_48E	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 48	20M	3648.6	56226	4X4MIMO	Band 48	20M	3668.4	56424	4X4MIMO	22.91	22.98
CA_48A-48D	Band 48	Ant5	20M	3560	55340	QPSK	1	0	4X4MIMO	Band 48	20M	3650.4	56244	4X4MIMO	Band 48	20M	3670.2	56442	4X4MIMO	Band 48	20M	3690	56640	4X4MIMO	22.85	22.98
CA_48D-66A	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 48	20M	3648.6	56226	4X4MIMO	22.58	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	Band 48	20M	3648.6	56226	4X4MIMO	21.70	21.88
CA_48A-48C-66A	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 48	20M	3560	55340	4X4MIMO	Band 48	20M	3670.2	56442	4X4MIMO	Band 48	20M	3690	56640	4X4MIMO	22.63	22.76
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4X4MIMO	Band 48	20M	3560	55340	4X4MIMO	Band 48	20M	3670.2	56442	4X4MIMO	Band 48	20M	3690	56640	4X4MIMO	21.75	21.88
CA_48C-66B	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2154.3	66879	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.8	56028	4X4MIMO	22.65	22.76
	Band 66	Ant4	15M	1745	132322	QPSK	1	0	4X4MIMO	Band 66	5M	2154.3	66879	4X4MIMO	Band 48	20M	3609	55830	4X4MIMO	Band 48	20M	3628.

Uplink CA Full&Default Power

CA_5B Ant0 Default&DSI2&6								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20450	20549	QPSK	1	49	1	0	22.66	24.00
20475	20574	QPSK	1	49	1	0	22.75	24.00
20600	20501	QPSK	1	0	1	49	22.69	24.00

CA_5B Ant4 Default&DSI3&6								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20450	20549	QPSK	1	49	1	0	22.48	24.00
20475	20574	QPSK	1	49	1	0	22.54	24.00
20600	20501	QPSK	1	0	1	49	22.50	24.00

CA_66C Ant0 Default&DSI2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	22.65	24.00
132322	132520	QPSK	1	99	1	0	22.72	24.00
132572	132374	QPSK	1	0	1	99	22.67	24.00

CA_66C Ant4 Default								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	21.77	23.00
132322	132520	QPSK	1	99	1	0	21.84	23.00
132572	132374	QPSK	1	0	1	99	21.81	23.00

66538 66604

CA_66B Ant0 Default&DSI2								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	22.50	24.00
132322	132415	QPSK	1	74	1	0	22.53	24.00
132597	132504	QPSK	1	0	1	24	22.46	24.00

CA_66B Ant4 Default								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	21.59	23.00
132322	132415	QPSK	1	74	1	0	21.63	23.00
132597	132504	QPSK	1	0	1	24	21.60	23.00

CA_41C Ant1 Default&DSI2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.88	24.00
40185	40383	QPSK	1	99	1	0	22.93	24.00
40620	40818	QPSK	1	99	1	0	22.9	24.00
41055	41253	QPSK	1	99	1	0	22.92	24.00
41490	41292	QPSK	1	0	1	99	22.8	24.00

CA_48C Ant5 Default&DSI6								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
55340	55538	QPSK	1	99	1	0	22.88	24.00
55830	56028	QPSK	1	99	1	0	22.91	24.00
56150	56348	QPSK	1	99	1	0	22.80	24.00
56640	56442	QPSK	1	0	1	99	22.75	24.00

CA_41C Ant1 HPUE Default&DSI2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	25.68	27.00
40185	40383	QPSK	1	99	1	0	25.63	27.00
40620	40818	QPSK	1	99	1	0	25.82	27.00
41055	41253	QPSK	1	99	1	0	25.77	27.00
41490	41292	QPSK	1	0	1	99	25.71	27.00

Uplink CA Reduced Power

CA_5B Ant0 DSI3&7								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20450	20549	QPSK	1	49	1	0	22.24	23.50
20475	20574	QPSK	1	49	1	0	22.26	23.50
20600	20501	QPSK	1	0	1	49	22.22	23.50

CA_5B Ant4 DSI2&7								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20450	20549	QPSK	1	49	1	0	22.07	23.00
20475	20574	QPSK	1	49	1	0	22.03	23.00
20600	20501	QPSK	1	0	1	49	22.07	23.00

CA_66C Ant0 DSI3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	17.88	19.50
132322	132520	QPSK	1	99	1	0	17.96	19.50
132572	132374	QPSK	1	0	1	99	17.78	19.50

CA_66C Ant0 DSI7								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	16.48	18.00
132322	132520	QPSK	1	99	1	0	16.62	18.00
132572	132374	QPSK	1	0	1	99	16.49	18.00

CA_66B Ant0 DSI3								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	17.69	19.50
132322	132415	QPSK	1	74	1	0	17.79	19.50
132597	132504	QPSK	1	0	1	24	17.74	19.50

CA_66B Ant0 DSI7								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	16.35	18.00
132322	132415	QPSK	1	74	1	0	16.51	18.00
132597	132504	QPSK	1	0	1	24	16.24	18.00

CA_66C Ant4 DSI2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	17.66	18.50
132322	132520	QPSK	1	99	1	0	17.74	18.50
132572	132374	QPSK	1	0	1	99	17.58	18.50

CA_66C Ant4 DSI3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	18.55	20.00
132322	132520	QPSK	1	99	1	0	18.74	20.00
132572	132374	QPSK	1	0	1	99	18.71	20.00

CA_66B Ant4 DSI2								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	17.56	19.00
132322	132415	QPSK	1	74	1	0	17.64	19.00
132597	132504	QPSK	1	0	1	24	17.46	19.00

CA_66B Ant4 DSI3								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	18.52	20.00
132322	132415	QPSK	1	74	1	0	18.56	20.00
132597	132504	QPSK	1	0	1	24	18.46	20.00

CA_41C Ant1 DSI3&7								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	21.34	22.50
40185	40383	QPSK	1	99	1	0	21.41	22.50
40620	40818	QPSK	1	99	1	0	21.41	22.50
41055	41253	QPSK	1	99	1	0	21.29	22.50
41490	41292	QPSK	1	0	1	99	21.46	22.50

CA_41C Ant1 DSI6								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.82	24.00
40185	40383	QPSK	1	99	1	0	22.81	24.00
40620	40818	QPSK	1	99	1	0	22.82	24.00
41055	41253	QPSK	1	99	1	0	22.75	24.00
41490	41292	QPSK	1	0	1	99	22.79	24.00

CA_41C Ant1 HPUE DSI3&7								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.95	24.00
40185	40383	QPSK	1	99	1	0	22.99	24.00
40620	40818	QPSK	1	99	1	0	23.09	24.00
41055	41253	QPSK	1	99	1	0	22.95	24.00
41490	41292	QPSK	1	0	1	99	22.83	24.00

CA_41C Ant1 HPUE DSI6								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	24.55	26.00
40185	40383	QPSK	1	99	1	0	24.71	26.00
40620	40818	QPSK	1	99	1	0	24.83	26.00
41055	41253	QPSK	1	99	1	0	24.7	26.00
41490	41292	QPSK	1	0	1	99	24.74	26.00

CA_48C Ant5 DSI2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
55340	55538	QPSK	1	99	1	0	18.42	19.50
55830	56028	QPSK	1	99	1	0	18.43	19.50
56150	56348	QPSK	1	99	1	0	18.39	19.50
56640	56442	QPSK	1	0	1	99	18.45	19.50

CA_48C Ant5 DSI3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
55340	55538	QPSK	1	99	1	0	18.94	20.00
55830	56028	QPSK	1	99	1	0	18.85	20.00
56150	56348	QPSK	1	99	1	0	18.94	20.00
56640	56442	QPSK	1	0	1	99	18.95	20.00

CA_66C Ant0 DSI6								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	20.94	22.50
132322	132520	QPSK	1	99	1	0	20.96	22.50
132572	132374	QPSK	1	0	1	99	20.83	22.50

CA_66B Ant0 DSI6								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	20.72	22.50
132322	132415	QPSK	1	74	1	0	20.96	22.50
132597	132504	QPSK	1	0	1	24	20.77	22.50

CA_66C Ant4 DSI7								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	16.37	17.50
132322	132520	QPSK	1	99	1	0	16.46	17.50
132572	132374	QPSK	1	0	1	99	16.44	17.50

CA_66B Ant4 DSI7								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	16.18	17.50
132322	132415	QPSK	1	74	1	0	16.30	17.50
132597	132504	QPSK	1	0	1	24	16.22	17.50

CA_66C Ant4 DSI6								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	21.06	22.50
132322	132520	QPSK	1	99	1	0	21.17	22.50
132572	132374	QPSK	1	0	1	99	21.11	22.50

CA_66B Ant4 DSI6								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	20.98	22.50
132322	132415	QPSK	1	74	1	0	21.12	22.50
132597	132504	QPSK	1	0	1	24	20.92	22.50

CA_48C Ant5 DSI7								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
55340	55538	QPSK	1	99	1	0	16.76	18.00
55830	56028	QPSK	1	99	1	0	16.93	18.00
56150	56348	QPSK	1	99	1	0	16.90	18.00
56640	56442	QPSK	1	0	1	99	16.88	18.00

Full&Default Power Mode for Main PA

n2 Ant 0 Default sig path: 164

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.16	23.20	23.20	24.0	0.0
20	PI/2 BPSK	1	53	23.07	23.16	22.97		
20	PI/2 BPSK	1	104	22.95	23.09	23.00		
20	PI/2 BPSK	50	0	22.60	22.76	22.73	23.5	0.5
20	PI/2 BPSK	50	28	23.07	23.18	23.05	24.0	0.0
20	PI/2 BPSK	50	56	22.58	22.75	22.67	23.5	0.5
20	PI/2 BPSK	100	0	22.67	22.81	22.66		
20	QPSK	1	1	23.10	23.23	23.13	24.0	0.0
20	QPSK	1	53	23.03	23.16	23.15		
20	QPSK	1	104	23.07	23.21	23.10		
20	QPSK	50	0	22.23	22.32	22.25	23.0	1.0
20	QPSK	50	28	22.95	23.12	23.03	24.0	0.0
20	QPSK	50	56	22.23	22.24	22.22	23.0	1.0
20	QPSK	100	0	22.13	22.32	22.21		
20	16QAM	1	1	22.47	22.53	22.42	23.0	1.0
20	64QAM	1	1	20.55	20.69	20.50	21.5	2.5
20	256QAM	1	1	18.75	18.83	18.63	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.93	23.05	22.97	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.07	23.16	22.96	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.93	23.04	23.00	24.0	0.0

n2 Ant 0 Default sig path: 429

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.07	23.18	23.12	24.0	0.0
20	PI/2 BPSK	1	53	23.03	23.22	23.21		
20	PI/2 BPSK	1	104	22.94	23.09	22.96		
20	PI/2 BPSK	50	0	22.53	22.72	22.66	23.5	0.5
20	PI/2 BPSK	50	28	22.99	23.17	23.04	24.0	0.0
20	PI/2 BPSK	50	56	22.70	22.80	22.68	23.5	0.5
20	PI/2 BPSK	100	0	22.68	22.80	22.77		
20	QPSK	1	1	23.10	23.25	23.17	24.0	0.0
20	QPSK	1	53	23.01	23.13	22.97		
20	QPSK	1	104	23.12	23.16	23.08		
20	QPSK	50	0	22.27	22.35	22.15	23.0	1.0
20	QPSK	50	28	23.14	23.21	23.10	24.0	0.0
20	QPSK	50	56	21.98	22.15	22.04	23.0	1.0
20	QPSK	100	0	22.27	22.40	22.33		
20	16QAM	1	1	22.41	22.52	22.44	23.0	1.0
20	64QAM	1	1	20.60	20.64	20.58	21.5	2.5
20	256QAM	1	1	18.72	18.83	18.65	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.92	23.19	23.00	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.02	23.21	23.09	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.98	23.09	23.06	24.0	0.0

n5 Ant 0 Default sig path: 168

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.12	23.13	23.09	24.0	0.0
20	PI/2 BPSK	1	53	23.07	23.11	23.01		
20	PI/2 BPSK	1	104	23.05	23.05	22.85		
20	PI/2 BPSK	50	0	22.60	22.61	22.50	23.5	0.5
20	PI/2 BPSK	50	28	22.91	22.97	22.80	24.0	0.0
20	PI/2 BPSK	50	56	22.44	22.63	22.65	23.5	0.5
20	PI/2 BPSK	100	0	22.42	22.56	22.37		
20	QPSK	1	1	23.20	23.22	23.14	24.0	0.0
20	QPSK	1	53	23.07	23.11	23.11		
20	QPSK	1	104	23.00	23.08	22.98		
20	QPSK	50	0	21.95	21.98	21.84	23.0	1.0
20	QPSK	50	28	22.85	22.99	22.92	24.0	0.0
20	QPSK	50	56	21.98	22.02	22.00	23.0	1.0
20	QPSK	100	0	22.03	22.08	22.01		
20	16QAM	1	1	22.01	22.02	22.00	23.0	1.0
20	64QAM	1	1	20.50	20.55	20.41	21.5	2.5
20	256QAM	1	1	18.34	18.56	18.51	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.00	23.12	23.08	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.12	23.17	23.09	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.00	23.05	23.03	24.0	0.0

n5 Ant 0 Default sig path: 414

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.82	22.91	22.89	24.0	0.0
20	PI/2 BPSK	1	53	22.66	22.79	22.71		
20	PI/2 BPSK	1	104	22.67	22.82	22.79		
20	PI/2 BPSK	50	0	22.40	22.42	22.32	23.5	0.5
20	PI/2 BPSK	50	28	22.69	22.85	22.72	24.0	0.0
20	PI/2 BPSK	50	56	22.17	22.27	22.17	23.5	0.5
20	PI/2 BPSK	100	0	22.15	22.32	22.20		
20	QPSK	1	1	22.87	22.92	22.77	24.0	0.0
20	QPSK	1	53	22.70	22.86	22.80		
20	QPSK	1	104	22.82	22.84	22.81		
20	QPSK	50	0	21.81	21.85	21.74	23.0	1.0
20	QPSK	50	28	22.69	22.81	22.76	24.0	0.0
20	QPSK	50	56	21.62	21.77	21.64	23.0	1.0
20	QPSK	100	0	21.73	21.81	21.69		
20	16QAM	1	1	22.14	22.22	22.21	23.0	1.0
20	64QAM	1	1	20.01	20.09	19.94	21.5	2.5
20	256QAM	1	1	18.52	18.55	18.38	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.85	22.75	22.68	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.75	22.75	22.69	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.76	22.84	22.61	24.0	0.0

n12 Ant 0 Default sig path: 172

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.97	23.06	22.95	24.0	0.0
15	PI/2 BPSK	1	40	22.85	22.99	22.87		
15	PI/2 BPSK	1	77	22.88	23.02	22.91		
15	PI/2 BPSK	36	0	22.53	22.63	22.57	23.5	0.5
15	PI/2 BPSK	36	22	23.03	23.09	22.97	24.0	0.0
15	PI/2 BPSK	36	43	22.46	22.56	22.48	23.5	0.5
15	PI/2 BPSK	75	0	22.46	22.57	22.51		
15	QPSK	1	1	22.99	23.13	23.03	24.0	0.0
15	QPSK	1	40	23.03	23.09	22.98		
15	QPSK	1	77	22.93	23.05	22.93		
15	QPSK	36	0	21.97	22.03	21.96	23.0	1.0
15	QPSK	36	22	22.97	23.04	22.93	24.0	0.0
15	QPSK	36	43	21.88	21.93	21.87	23.0	1.0
15	QPSK	75	0	21.91	21.98	21.86		
15	16QAM	1	1	21.89	22.02	21.95	23.0	1.0
15	64QAM	1	1	20.54	20.65	20.51	21.5	2.5
	256QAM	1	1	18.51	18.59	18.53	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.91	23.04	22.91	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.89	23.02	22.96	24.0	0.0

n12 Ant 0 Default sig path: 417

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.81	22.85	22.82	24.0	0.0
15	PI/2 BPSK	1	40	22.66	22.78	22.66		
15	PI/2 BPSK	1	77	22.70	22.80	22.63		
15	PI/2 BPSK	36	0	22.27	22.43	22.31	23.5	0.5
15	PI/2 BPSK	36	22	22.76	22.79	22.74	24.0	0.0
15	PI/2 BPSK	36	43	22.26	22.37	22.29	23.5	0.5
15	PI/2 BPSK	75	0	22.31	22.46	22.32		
15	QPSK	1	1	22.92	22.93	22.88	24.0	0.0
15	QPSK	1	40	22.62	22.78	22.73		
15	QPSK	1	77	22.74	22.82	22.64		
15	QPSK	36	0	21.88	21.94	21.89	23.0	1.0
15	QPSK	36	22	22.80	22.89	22.88	24.0	0.0
15	QPSK	36	43	21.76	21.88	21.81	23.0	1.0
15	QPSK	75	0	21.80	21.96	21.86		
15	16QAM	1	1	22.20	22.24	22.13	23.0	1.0
15	64QAM	1	1	20.08	20.11	20.08	21.5	2.5
	256QAM	1	1	18.50	18.59	18.57	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.82	22.74	22.83	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.90	22.76	22.79	24.0	0.0

n14 Ant 0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		22.91		24.0	0.0
10	PI/2 BPSK	1	26		22.95			
10	PI/2 BPSK	1	50		22.92			
10	PI/2 BPSK	25	0		22.47		23.5	0.5
10	PI/2 BPSK	25	14		23.01		24.0	0.0
10	PI/2 BPSK	25	27		22.39		23.5	0.5
10	PI/2 BPSK	50	0		22.33			
10	QPSK	1	1		23.08		24.0	0.0
10	QPSK	1	26		22.95			
10	QPSK	1	50		22.98			
10	QPSK	25	0		22.02		23.0	1.0
10	QPSK	25	14		22.98		24.0	0.0
10	QPSK	25	27		22.09		23.0	1.0
10	QPSK	50	0		22.13			
10	16QAM	1	1		22.11		23.0	1.0
10	64QAM	1	1		20.62		21.5	2.5
10	256QAM	1	1		18.63		19.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	22.88	22.99	22.96	24.0	0.0

n25 Ant 0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.29	23.37	23.28	24.0	0.0
40	PI/2 BPSK	1	108	23.23	23.35	23.26		
40	PI/2 BPSK	1	214	23.10	23.23	23.14		
40	PI/2 BPSK	108	0	22.87	22.97	22.89	23.5	0.5
40	PI/2 BPSK	108	54	23.18	23.32	23.21	24.0	0.0
40	PI/2 BPSK	108	108	22.81	22.94	22.87	23.5	0.5
40	PI/2 BPSK	216	0	22.89	22.98	22.87		
40	QPSK	1	1	23.36	23.42	23.30	24.0	0.0
40	QPSK	1	108	23.25	23.33	23.20		
40	QPSK	1	214	23.21	23.27	23.19		
40	QPSK	108	0	22.40	22.47	22.38	23.0	1.0
40	QPSK	108	54	23.19	23.33	23.24	24.0	0.0
40	QPSK	108	108	22.30	22.38	22.28	23.0	1.0
40	QPSK	216	0	22.36	22.46	22.31		
40	16QAM	1	1	22.60	22.67	22.53	23.0	1.0
40	64QAM	1	1	20.70	20.82	20.73	21.5	2.5
40	256QAM	1	1	19.05	19.12	19.03	19.5	4.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.23	23.37	23.22	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.29	23.27	23.16	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.29	23.33	23.17	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.23	23.31	23.20	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.24	23.34	23.23	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.29	23.28	23.20	24.0	0.0

n26 Ant 0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.98	23.13	23.07	24.0	0.0
20	PI/2 BPSK	1	53	22.97	23.11	22.99		
20	PI/2 BPSK	1	104	22.98	23.08	22.93		
20	PI/2 BPSK	50	0	22.67	22.77	22.63	23.5	0.5
20	PI/2 BPSK	50	28	23.06	23.11	23.03	24.0	0.0
20	PI/2 BPSK	50	56	22.63	22.75	22.67	23.5	0.5
20	PI/2 BPSK	100	0	22.69	22.78	22.67		
20	QPSK	1	1	23.12	23.17	23.09	24.0	0.0
20	QPSK	1	53	23.08	23.14	23.08		
20	QPSK	1	104	22.97	23.11	23.04		
20	QPSK	50	0	22.10	22.24	22.12	23.0	1.0
20	QPSK	50	28	23.06	23.15	23.07	24.0	0.0
20	QPSK	50	56	22.00	22.13	22.06	23.0	1.0
20	QPSK	100	0	22.19	22.28	22.19		
20	16QAM	1	1	22.29	22.42	22.28	23.0	1.0
20	64QAM	1	1	20.44	20.57	20.48	21.5	2.5
20	256QAM	1	1	18.72	18.86	18.81	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.98	23.11	22.96	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.05	23.08	23.00	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.98	23.05	22.98	24.0	0.0

n66 Ant 0 Default sig path: 174

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.64	22.82	22.69	24.0	0.0
40	PI/2 BPSK	1	108	22.81	22.85	22.72		
40	PI/2 BPSK	1	214	22.51	22.63	22.54		
40	PI/2 BPSK	108	0	22.33	22.46	22.27	23.5	0.5
40	PI/2 BPSK	108	54	22.54	22.69	22.52	24.0	0.0
40	PI/2 BPSK	108	108	22.09	22.29	22.21	23.5	0.5
40	PI/2 BPSK	216	0	22.30	22.43	22.39		
40	QPSK	1	1	22.92	22.93	22.75	24.0	0.0
40	QPSK	1	108	22.67	22.86	22.85		
40	QPSK	1	214	22.53	22.61	22.46		
40	QPSK	108	0	21.86	21.99	21.95	23.0	1.0
40	QPSK	108	54	22.68	22.88	22.82	24.0	0.0
40	QPSK	108	108	21.72	21.81	21.73	23.0	1.0
40	QPSK	216	0	21.64	21.82	21.71		
40	16QAM	1	1	21.88	22.03	21.90	23.0	1.0
40	64QAM	1	1	19.88	20.07	19.92	21.5	2.5
40	256QAM	1	1	18.43	18.48	18.38	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.84	22.75	22.70	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.88	22.81	22.74	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.75	22.90	22.75	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.90	22.89	22.59	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.77	22.75	22.72	24.0	0.0

n66 Ant 0 Default sig path: 432

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.69	22.88	22.77	24.0	0.0
40	PI/2 BPSK	1	108	22.56	22.69	22.66		
40	PI/2 BPSK	1	214	22.27	22.47	22.43		
40	PI/2 BPSK	108	0	22.22	22.31	22.25	23.5	0.5
40	PI/2 BPSK	108	54	22.45	22.57	22.56	24.0	0.0
40	PI/2 BPSK	108	108	22.05	22.11	22.05	23.5	0.5
40	PI/2 BPSK	216	0	22.12	22.29	22.24		
40	QPSK	1	1	22.87	22.92	22.85	24.0	0.0
40	QPSK	1	108	22.64	22.71	22.63		
40	QPSK	1	214	22.42	22.48	22.43		
40	QPSK	108	0	21.85	21.91	21.80	23.0	1.0
40	QPSK	108	54	22.82	22.89	22.80	24.0	0.0
40	QPSK	108	108	21.50	21.62	21.59	23.0	1.0
40	QPSK	216	0	21.74	21.82	21.71		
40	16QAM	1	1	21.73	21.89	21.84	23.0	1.0
40	64QAM	1	1	20.02	20.04	19.95	21.5	2.5
40	256QAM	1	1	18.26	18.41	18.33	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.76	22.89	22.85	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.69	22.89	22.83	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.67	22.89	22.70	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.70	22.78	22.70	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.70	22.80	22.66	24.0	0.0

n70 Ant 0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		22.56		24.0	0.0
15	PI/2 BPSK	1	40		22.33			
15	PI/2 BPSK	1	77		22.39			
15	PI/2 BPSK	36	0		21.78		23.5	0.5
15	PI/2 BPSK	36	22		22.24		24.0	0.0
15	PI/2 BPSK	36	43		21.95		23.5	0.5
15	PI/2 BPSK	75	0		21.77			
15	QPSK	1	1		22.59		24.0	0.0
15	QPSK	1	40		22.29			
15	QPSK	1	77		22.47			
15	QPSK	36	0		21.36		23.0	1.0
15	QPSK	36	22		22.45		24.0	0.0
15	QPSK	36	43		21.41		23.0	1.0
15	QPSK	75	0		21.45			
15	16QAM	1	1		21.82		23.0	1.0
15	64QAM	1	1		19.93		21.5	2.5
	256QAM	1	1		18.16		19.5	4.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	22.44	22.53	22.48	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	22.40	22.45	22.39	24.0	0.0

n71 Ant 0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.07	23.21	23.12	24.0	0.0
20	PI/2 BPSK	1	53	23.03	23.15	23.01		
20	PI/2 BPSK	1	104	23.02	23.10	22.95		
20	PI/2 BPSK	50	0	22.67	22.73	22.64	23.5	0.5
20	PI/2 BPSK	50	28	23.01	23.11	23.04	24.0	0.0
20	PI/2 BPSK	50	56	22.52	22.62	22.57	23.5	0.5
20	PI/2 BPSK	100	0	22.70	22.77	22.62		
20	QPSK	1	1	23.13	23.24	23.18	24.0	0.0
20	QPSK	1	53	23.10	23.21	23.15		
20	QPSK	1	104	23.00	23.13	23.06		
20	QPSK	50	0	22.14	22.24	22.15	23.0	1.0
20	QPSK	50	28	23.06	23.18	23.06	24.0	0.0
20	QPSK	50	56	21.97	22.11	21.97	23.0	1.0
20	QPSK	100	0	22.10	22.23	22.17		
20	16QAM	1	1	22.37	22.47	22.39	23.0	1.0
20	64QAM	1	1	20.46	20.60	20.54	21.5	2.5
20	256QAM	1	1	18.87	18.99	18.94	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.98	23.10	23.04	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.01	23.13	23.08	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.99	23.11	23.05	24.0	0.0

n7 Ant 1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.31	23.41	23.39	24.0	0.0
40	PI/2 BPSK	1	108	23.21	23.35	23.29		
40	PI/2 BPSK	1	214	23.20	23.31	23.19		
40	PI/2 BPSK	108	0	22.85	22.94	22.84	23.5	0.5
40	PI/2 BPSK	108	54	23.23	23.34	23.22	24.0	0.0
40	PI/2 BPSK	108	108	22.92	23.01	22.89	23.5	0.5
40	PI/2 BPSK	216	0	22.96	23.02	22.91		
40	QPSK	1	1	23.35	23.45	23.36	24.0	0.0
40	QPSK	1	108	23.12	23.27	23.17		
40	QPSK	1	214	23.25	23.37	23.29		
40	QPSK	108	0	22.36	22.42	22.30	23.0	1.0
40	QPSK	108	54	23.26	23.38	23.26	24.0	0.0
40	QPSK	108	108	22.37	22.44	22.33	23.0	1.0
40	QPSK	216	0	22.35	22.50	22.43		
40	16QAM	1	1	22.43	22.51	22.37	23.0	1.0
40	64QAM	1	1	20.39	20.52	20.41	21.5	2.5
40	256QAM	1	1	18.81	18.94	18.83	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.23	23.36	23.29	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.28	23.31	23.22	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.29	23.37	23.27	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.27	23.35	23.25	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.27	23.40	23.30	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.28	23.40	23.27	24.0	0.0

n30 Ant 1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.32		24.0	0.0
10	PI/2 BPSK	1	26		23.26			
10	PI/2 BPSK	1	50		23.22			
10	PI/2 BPSK	25	0		22.79		23.5	0.5
10	PI/2 BPSK	25	14		23.22		24.0	0.0
10	PI/2 BPSK	25	27		22.78		23.5	0.5
10	PI/2 BPSK	50	0		22.83			
10	QPSK	1	1		23.39		24.0	0.0
10	QPSK	1	26		23.31			
10	QPSK	1	50		23.27			
10	QPSK	25	0		22.29		23.0	1.0
10	QPSK	25	14		23.32		24.0	0.0
10	QPSK	25	27		22.23		23.0	1.0
10	QPSK	50	0		22.27			
10	16QAM	1	1		22.20		23.0	1.0
10	64QAM	1	1		20.29		21.5	2.5
10	256QAM	1	1		18.74		19.5	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.22	23.25	23.21	24.0	0.0

n41 Ant 1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.69	22.78	22.74	24.0	0.0
100	PI/2 BPSK	1	137	22.39	22.46	22.40		
100	PI/2 BPSK	1	271	22.38	22.47	22.34		
100	PI/2 BPSK	135	0	22.57	22.71	22.59	23.5	0.5
100	PI/2 BPSK	135	69	22.43	22.52	22.41	24.0	0.0
100	PI/2 BPSK	135	138	22.35	22.45	22.33	23.5	0.5
100	PI/2 BPSK	270	0	22.35	22.46	22.33		
100	QPSK	1	1	22.88	22.95	22.86	24.0	0.0
100	QPSK	1	137	22.46	22.59	22.52		
100	QPSK	1	271	22.41	22.55	22.45		
100	QPSK	135	0	21.74	21.87	21.72	23.0	1.0
100	QPSK	135	69	22.74	22.89	22.74	24.0	0.0
100	QPSK	135	138	21.48	21.51	21.42	23.0	1.0
100	QPSK	270	0	21.42	21.53	21.40		
100	16QAM	1	1	21.80	21.88	21.75	23.0	1.0
100	64QAM	1	1	20.11	20.22	20.10	21.5	2.5
100	256QAM	1	1	18.33	18.47	18.38	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.74	22.81	22.72	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.74	22.85	22.75	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.73	22.85	22.77	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.73	22.84	22.76	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.75	22.88	22.79	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.77	22.83	22.79	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.79	22.88	22.80	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.74	22.80	22.79	24.0	0.0

n41 PC2 Ant 1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.82	25.88	25.75	27.0	0.0
100	PI/2 BPSK	1	137	25.76	25.85	25.71		
100	PI/2 BPSK	1	271	25.72	25.80	25.70		
100	PI/2 BPSK	135	0	25.54	25.69	25.57	26.5	0.5
100	PI/2 BPSK	135	69	25.71	25.82	25.68	27.0	0.0
100	PI/2 BPSK	135	138	25.63	25.71	25.63	26.5	0.5
100	PI/2 BPSK	270	0	25.70	25.77	25.64		
100	QPSK	1	1	25.85	25.92	25.79	27.0	0.0
100	QPSK	1	137	25.74	25.87	25.75		
100	QPSK	1	271	25.70	25.83	25.70		
100	QPSK	135	0	25.68	25.76	25.65	26.0	1.0
100	QPSK	135	69	25.75	25.85	25.72	27.0	0.0
100	QPSK	135	138	25.61	25.67	25.57	26.0	1.0
100	QPSK	270	0	25.65	25.76	25.67		
100	16QAM	1	1	25.59	25.66	25.58	26.0	1.0
100	64QAM	1	1	24.02	24.14	24.01	24.5	2.5
100	256QAM	1	1	21.83	21.97	21.85	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.73	25.85	25.72	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.73	25.79	25.69	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.78	25.82	25.66	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.77	25.81	25.73	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.73	25.82	25.65	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.75	25.87	25.73	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.71	25.85	25.70	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.77	25.79	25.72	27.0	0.0

Part27O n77 Ant 1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.25	19.34	19.27	21.0	0.0
100	PI/2 BPSK	1	137	19.16	19.29	19.18		
100	PI/2 BPSK	1	271	19.24	19.31	19.24		
100	PI/2 BPSK	135	0	18.79	18.86	18.73	20.5	0.5
100	PI/2 BPSK	135	69	19.19	19.30	19.16	21.0	0.0
100	PI/2 BPSK	135	138	18.85	18.90	18.80	20.5	0.5
100	PI/2 BPSK	270	0	18.87	18.99	18.91		
100	QPSK	1	1	19.35	19.41	19.30	21.0	0.0
100	QPSK	1	137	19.21	19.35	19.28		
100	QPSK	1	271	19.23	19.30	19.24		
100	QPSK	135	0	18.32	18.38	18.31	20.0	1.0
100	QPSK	135	69	19.28	19.33	19.20	21.0	0.0
100	QPSK	135	138	18.30	18.39	18.24	20.0	1.0
100	QPSK	270	0	18.33	18.43	18.29		
100	16QAM	1	1	18.01	18.11	18.06	20.0	1.0
100	64QAM	1	1	16.85	16.96	16.83	18.5	2.5
100	256QAM	1	1	14.68	14.78	14.71	16.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.22	19.28	19.18	21.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.28	19.30	19.21	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.28	19.34	19.22	21.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.23	19.29	19.18	21.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.24	19.34	19.22	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.28	19.29	19.17	21.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.28	19.35	19.25	21.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.20	19.31	19.19	21.0	0.0

Part27O n77 PC2 Ant 1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.18	22.31	22.10	24.0	0.0
100	PI/2 BPSK	1	137	22.13	22.23	22.08		
100	PI/2 BPSK	1	271	22.09	22.16	22.17		
100	PI/2 BPSK	135	0	22.11	22.19	22.00	23.5	0.5
100	PI/2 BPSK	135	69	22.18	22.27	22.08	24.0	0.0
100	PI/2 BPSK	135	138	22.11	22.23	21.97	23.5	0.5
100	PI/2 BPSK	270	0	22.18	22.29	22.08		
100	QPSK	1	1	22.26	22.34	22.18	24.0	0.0
100	QPSK	1	137	22.18	22.30	22.11		
100	QPSK	1	271	22.15	22.20	22.04		
100	QPSK	135	0	21.79	21.98	21.92	23.0	1.0
100	QPSK	135	69	22.19	22.28	22.08	24.0	0.0
100	QPSK	135	138	21.89	21.95	21.82	23.0	1.0
100	QPSK	270	0	21.94	21.99	21.83		
100	16QAM	1	1	21.87	21.96	21.72	23.0	1.0
100	64QAM	1	1	20.46	20.42	20.37	21.5	2.5
100	256QAM	1	1	18.42	18.47	18.28	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.15	22.24	22.12	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.12	22.20	22.11	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.18	22.27	22.10	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.18	22.27	22.06	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.18	22.22	22.04	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.18	22.29	22.13	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.15	22.21	22.03	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.24	22.29	22.22	24.0	0.0

Part27Q n77 Ant 1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.43		21.0	0.0
100	PI/2 BPSK	1	137		20.39			
100	PI/2 BPSK	1	271		20.21			
100	PI/2 BPSK	135	0		19.87		20.5	0.5
100	PI/2 BPSK	135	69		20.38		21.0	0.0
100	PI/2 BPSK	135	138		19.81		20.5	0.5
100	PI/2 BPSK	270	0		19.83			
100	QPSK	1	1		20.47		21.0	0.0
100	QPSK	1	137		20.41			
100	QPSK	1	271		20.32			
100	QPSK	135	0		19.38		20.0	1.0
100	QPSK	135	69		20.41		21.0	0.0
100	QPSK	135	138		19.26		20.0	1.0
100	QPSK	270	0		19.33			
100	16QAM	1	1		19.36		20.0	1.0
100	64QAM	1	1		17.87		18.5	2.5
100	256QAM	1	1		15.74		16.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.32	20.39	20.35	21.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.30	20.42	20.27	21.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.35	20.32	20.33	21.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.33	20.41	20.27	21.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.36	20.32	20.30	21.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.29	20.42	20.30	21.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.31	20.35	20.25	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.31	20.34	20.29	21.0	0.0

Part27Q n77 PC2 Ant 1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.35		24.0	0.0
100	PI/2 BPSK	1	137		23.27			
100	PI/2 BPSK	1	271		23.02			
100	PI/2 BPSK	135	0		23.28		23.5	0.5
100	PI/2 BPSK	135	69		23.30		24.0	0.0
100	PI/2 BPSK	135	138		22.98		23.5	0.5
100	PI/2 BPSK	270	0		23.03			
100	QPSK	1	1		23.39		24.0	0.0
100	QPSK	1	137		23.31			
100	QPSK	1	271		22.78			
100	QPSK	135	0		22.11		23.0	1.0
100	QPSK	135	69		23.32		24.0	0.0
100	QPSK	135	138		22.79		23.0	1.0
100	QPSK	270	0		22.84			
100	16QAM	1	1		22.34		23.0	1.0
100	64QAM	1	1		21.46		21.5	2.5
100	256QAM	1	1		18.51		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.22	23.29	23.17	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.19	23.27	23.24	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.22	23.32	23.23	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.26	23.29	23.25	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.25	23.31	23.24	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.21	23.27	23.16	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.24	23.29	23.15	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.21	23.30	23.25	24.0	0.0

Part27O n78 Ant 1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.67		21.0	0.0
100	PI/2 BPSK	1	137		19.64			
100	PI/2 BPSK	1	271		19.59			
100	PI/2 BPSK	135	0		19.24		20.5	0.5
100	PI/2 BPSK	135	69		19.72		21.0	0.0
100	PI/2 BPSK	135	138		19.17		20.5	0.5
100	PI/2 BPSK	270	0		19.21			
100	QPSK	1	1		19.73		21.0	0.0
100	QPSK	1	137		19.69			
100	QPSK	1	271		19.63			
100	QPSK	135	0		18.72		20.0	1.0
100	QPSK	135	69		19.66		21.0	0.0
100	QPSK	135	138		18.67		20.0	1.0
100	QPSK	270	0		18.92			
100	16QAM	1	1		18.66		20.0	1.0
100	64QAM	1	1		17.22		18.5	2.5
100	256QAM	1	1		15.06		16.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.55	19.64	19.58	21.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.58	19.59	19.53	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.59	19.62	19.56	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.59	19.67	19.59	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.56	19.63	19.56	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.64	19.65	19.52	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.61	19.68	19.51	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.59	19.58	19.52	21.0	0.0

Part27O n78 PC2 Ant 1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.75		24.0	0.0
100	PI/2 BPSK	1	137		22.70			
100	PI/2 BPSK	1	271		22.62			
100	PI/2 BPSK	135	0		22.57		23.5	0.5
100	PI/2 BPSK	135	69		22.71		24.0	0.0
100	PI/2 BPSK	135	138		22.52		23.5	0.5
100	PI/2 BPSK	270	0		22.56			
100	QPSK	1	1		22.78		24.0	0.0
100	QPSK	1	137		22.71			
100	QPSK	1	271		22.65			
100	QPSK	135	0		22.01		23.0	1.0
100	QPSK	135	69		22.73		24.0	0.0
100	QPSK	135	138		22.02		23.0	1.0
100	QPSK	270	0		22.06			
100	16QAM	1	1		21.83		23.0	1.0
100	64QAM	1	1		20.45		21.5	2.5
100	256QAM	1	1		18.62		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.66	22.65	22.56	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.62	22.73	22.59	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.62	22.71	22.56	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.69	22.65	22.62	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.60	22.72	22.61	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.61	22.65	22.55	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.61	22.70	22.57	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.61	22.67	22.58	24.0	0.0

Part27Q n78 Ant 1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.73		21.0	0.0
100	PI/2 BPSK	1	137		20.69			
100	PI/2 BPSK	1	271		20.15			
100	PI/2 BPSK	135	0		20.28		20.5	0.5
100	PI/2 BPSK	135	69		20.66		21.0	0.0
100	PI/2 BPSK	135	138		20.01		20.5	0.5
100	PI/2 BPSK	270	0		20.06			
100	QPSK	1	1		20.77		21.0	0.0
100	QPSK	1	137		20.71			
100	QPSK	1	271		20.22			
100	QPSK	135	0		19.75		20.0	1.0
100	QPSK	135	69		20.70		21.0	0.0
100	QPSK	135	138		19.52		20.0	1.0
100	QPSK	270	0		19.58			
100	16QAM	1	1		19.74		20.0	1.0
100	64QAM	1	1		18.34		18.5	2.5
100	256QAM	1	1		16.15		16.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.66	20.69	20.62	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.65	20.68	20.55	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.64	20.71	20.56	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.57	20.63	20.58	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.66	20.68	20.57	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.62	20.68	20.60	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.61	20.66	20.54	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.59	20.70	20.60	21.0	0.0

Part27Q n78 PC2 Ant 1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.67		24.0	0.0
100	PI/2 BPSK	1	137		23.63			
100	PI/2 BPSK	1	271		23.15			
100	PI/2 BPSK	135	0		23.15		23.5	0.5
100	PI/2 BPSK	135	69		23.62		24.0	0.0
100	PI/2 BPSK	135	138		23.41		23.5	0.5
100	PI/2 BPSK	270	0		23.46			
100	QPSK	1	1		23.72		24.0	0.0
100	QPSK	1	137		23.69			
100	QPSK	1	271		23.18			
100	QPSK	135	0		22.78		23.0	1.0
100	QPSK	135	69		23.67		24.0	0.0
100	QPSK	135	138		22.88		23.0	1.0
100	QPSK	270	0		22.95			
100	16QAM	1	1		22.75		23.0	1.0
100	64QAM	1	1		20.63		21.5	2.5
100	256QAM	1	1		18.74		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.56	23.63	23.53	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.53	23.63	23.59	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.59	23.64	23.52	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.56	23.61	23.54	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.57	23.66	23.52	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.61	23.58	23.57	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.59	23.64	23.52	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.59	23.60	23.55	24.0	0.0

n41 Ant 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.88	22.94	22.65	24.0	0.0
100	PI/2 BPSK	1	137	22.35	22.49	22.13		
100	PI/2 BPSK	1	271	22.12	22.18	22.09		
100	PI/2 BPSK	135	0	22.15	22.22	22.00	23.5	0.5
100	PI/2 BPSK	135	69	22.26	22.39	22.10	24.0	0.0
100	PI/2 BPSK	135	138	21.71	21.79	21.52	23.5	0.5
100	PI/2 BPSK	270	0	21.92	21.98	21.73		
100	QPSK	1	1	22.92	22.98	22.73	24.0	0.0
100	QPSK	1	137	22.46	22.55	22.25		
100	QPSK	1	271	22.05	22.12	22.08		
100	QPSK	135	0	21.70	21.76	21.50	23.0	1.0
100	QPSK	135	69	22.35	22.45	22.15	24.0	0.0
100	QPSK	135	138	21.31	21.46	21.14	23.0	1.0
100	QPSK	270	0	21.41	21.51	21.19		
100	16QAM	1	1	22.10	22.16	21.94	23.0	1.0
100	64QAM	1	1	20.41	20.54	20.23	21.5	2.5
100	256QAM	1	1	18.50	18.58	18.32	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.84	22.85	22.62	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.85	22.88	22.63	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.79	22.92	22.62	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.86	22.93	22.68	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.84	22.89	22.64	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.77	22.83	22.60	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.83	22.92	22.66	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.77	22.90	22.58	24.0	0.0

n41 PC2 Ant 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.82	25.89	25.79	27.0	0.0
100	PI/2 BPSK	1	137	25.46	25.57	25.45		
100	PI/2 BPSK	1	271	25.23	25.29	25.15		
100	PI/2 BPSK	135	0	25.52	25.64	25.55	26.5	0.5
100	PI/2 BPSK	135	69	25.36	25.44	25.34	27.0	0.0
100	PI/2 BPSK	135	138	24.95	25.10	25.04	26.5	0.5
100	PI/2 BPSK	270	0	25.34	25.41	25.31		
100	QPSK	1	1	25.86	25.94	25.83	27.0	0.0
100	QPSK	1	137	25.52	25.65	25.57		
100	QPSK	1	271	25.07	25.18	25.12		
100	QPSK	135	0	25.48	25.65	25.61	26.0	1.0
100	QPSK	135	69	25.68	25.73	25.65	27.0	0.0
100	QPSK	135	138	25.03	25.13	24.99	26.0	1.0
100	QPSK	270	0	25.23	25.38	25.30		
100	16QAM	1	1	25.35	25.43	25.37	26.0	1.0
100	64QAM	1	1	23.92	23.98	23.84	24.5	2.5
100	256QAM	1	1	21.82	21.89	21.78	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.74	25.84	25.77	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.76	25.89	25.74	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.72	25.83	25.69	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.74	25.87	25.78	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.78	25.80	25.68	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.75	25.83	25.71	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.72	25.80	25.75	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.77	25.87	25.69	27.0	0.0

Part27O n77 Ant 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.92	21.07	21.00	22.0	0.0
100	PI/2 BPSK	1	137	20.87	21.01	20.93		
100	PI/2 BPSK	1	271	20.83	20.96	20.91		
100	PI/2 BPSK	135	0	20.63	20.69	20.61	21.5	0.5
100	PI/2 BPSK	135	69	20.97	21.03	20.90	22.0	0.0
100	PI/2 BPSK	135	138	20.54	20.60	20.49	21.5	0.5
100	PI/2 BPSK	270	0	20.49	20.64	20.50		
100	QPSK	1	1	21.05	21.11	21.01	22.0	0.0
100	QPSK	1	137	20.96	21.07	20.94		
100	QPSK	1	271	20.93	21.00	20.91		
100	QPSK	135	0	20.07	20.15	20.07	21.0	1.0
100	QPSK	135	69	20.97	21.08	20.94	22.0	0.0
100	QPSK	135	138	20.02	20.09	19.95	21.0	1.0
100	QPSK	270	0	20.00	20.13	20.05		
100	16QAM	1	1	19.96	20.11	20.01	21.0	1.0
100	64QAM	1	1	18.74	18.89	18.77	19.5	2.5
100	256QAM	1	1	16.58	16.73	16.62	17.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.98	20.96	20.90	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.92	21.03	20.91	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.92	21.05	20.96	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.98	21.01	20.94	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.91	21.04	20.91	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.00	21.03	20.92	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.98	20.99	20.92	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.95	21.05	20.90	22.0	0.0

Part27O n77 PC2 Ant 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.92	24.07	23.98	25.0	0.0
100	PI/2 BPSK	1	137	23.88	24.02	23.91		
100	PI/2 BPSK	1	271	23.86	23.98	23.92		
100	PI/2 BPSK	135	0	23.84	23.93	23.78	24.5	0.5
100	PI/2 BPSK	135	69	23.94	24.01	23.91	25.0	0.0
100	PI/2 BPSK	135	138	23.76	23.87	23.72	24.5	0.5
100	PI/2 BPSK	270	0	23.88	23.94	23.85		
100	QPSK	1	1	23.97	24.11	24.06	25.0	0.0
100	QPSK	1	137	23.92	24.04	23.97		
100	QPSK	1	271	23.87	24.01	23.93		
100	QPSK	135	0	23.83	23.96	23.85	24.0	1.0
100	QPSK	135	69	23.94	24.05	23.97	25.0	0.0
100	QPSK	135	138	23.81	23.90	23.75	24.0	1.0
100	QPSK	270	0	23.85	23.98	23.92		
100	16QAM	1	1	23.87	23.96	23.85	24.0	1.0
100	64QAM	1	1	21.67	21.81	21.66	22.5	2.5
100	256QAM	1	1	19.75	19.85	19.78	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.87	24.02	23.94	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.86	23.98	23.99	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.91	23.97	23.94	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.84	24.00	23.94	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.89	24.06	23.95	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.83	24.06	23.92	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.92	24.00	23.96	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.91	24.03	23.95	25.0	0.0

Part27Q n77 Ant 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.37		22.0	0.0
100	PI/2 BPSK	1	137		21.30			
100	PI/2 BPSK	1	271		21.32			
100	PI/2 BPSK	135	0		20.97		21.5	0.5
100	PI/2 BPSK	135	69		21.31		22.0	0.0
100	PI/2 BPSK	135	138		20.83		21.5	0.5
100	PI/2 BPSK	270	0		20.89			
100	QPSK	1	1		21.41		22.0	0.0
100	QPSK	1	137		21.36			
100	QPSK	1	271		21.28			
100	QPSK	135	0		20.44		21.0	1.0
100	QPSK	135	69		21.35		22.0	0.0
100	QPSK	135	138		20.26		21.0	1.0
100	QPSK	270	0		20.32			
100	16QAM	1	1		20.49		21.0	1.0
100	64QAM	1	1		19.11		19.5	2.5
100	256QAM	1	1		16.77		17.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.23	21.30	21.28	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.28	21.29	21.28	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.31	21.28	21.22	22.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.27	21.26	21.19	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.27	21.32	21.20	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.30	21.26	21.21	22.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.21	21.28	21.18	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.21	21.26	21.23	22.0	0.0

Part27Q n77 PC2 Ant 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.27		25.0	0.0
100	PI/2 BPSK	1	137		24.21			
100	PI/2 BPSK	1	271		24.16			
100	PI/2 BPSK	135	0		24.20		24.5	0.5
100	PI/2 BPSK	135	69		24.23		25.0	0.0
100	PI/2 BPSK	135	138		24.14		24.5	0.5
100	PI/2 BPSK	270	0		24.21			
100	QPSK	1	1		24.34		25.0	0.0
100	QPSK	1	137		24.29			
100	QPSK	1	271		24.21			
100	QPSK	135	0		22.87		24.0	1.0
100	QPSK	135	69		24.21		25.0	0.0
100	QPSK	135	138		23.02		24.0	1.0
100	QPSK	270	0		23.09			
100	16QAM	1	1		22.07		24.0	1.0
100	64QAM	1	1		20.61		22.5	2.5
100	256QAM	1	1		19.78		20.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.20	24.23	24.18	25.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.18	24.20	24.17	25.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.20	24.22	24.16	25.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.22	24.29	24.15	25.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.21	24.28	24.19	25.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.18	24.25	24.13	25.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.15	24.27	24.17	25.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.16	24.20	24.17	25.0	0.0

Part27O n78 Ant 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.58		23.0	0.0
100	PI/2 BPSK	1	137		21.47			
100	PI/2 BPSK	1	271		21.41			
100	PI/2 BPSK	135	0		20.99		22.5	0.5
100	PI/2 BPSK	135	69		21.51		23.0	0.0
100	PI/2 BPSK	135	138		21.01		22.5	0.5
100	PI/2 BPSK	270	0		21.05			
100	QPSK	1	1		21.63		23.0	0.0
100	QPSK	1	137		21.55			
100	QPSK	1	271		21.43			
100	QPSK	135	0		20.61		22.0	1.0
100	QPSK	135	69		21.52		23.0	0.0
100	QPSK	135	138		20.55		22.0	1.0
100	QPSK	270	0		20.61			
100	16QAM	1	1		20.47		22.0	1.0
100	64QAM	1	1		19.11		20.5	2.5
100	256QAM	1	1		16.83		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.48	21.54	21.43	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.52	21.55	21.43	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.53	21.48	21.48	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.46	21.54	21.38	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.44	21.51	21.46	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.54	21.50	21.37	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.47	21.52	21.38	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.44	21.56	21.40	23.0	0.0

Part27O n78 PC2 Ant 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.47		26.0	0.0
100	PI/2 BPSK	1	137		24.41			
100	PI/2 BPSK	1	271		24.39			
100	PI/2 BPSK	135	0		24.40		25.5	0.5
100	PI/2 BPSK	135	69		24.42		26.0	0.0
100	PI/2 BPSK	135	138		24.29		25.5	0.5
100	PI/2 BPSK	270	0		24.35			
100	QPSK	1	1		24.54		26.0	0.0
100	QPSK	1	137		24.46			
100	QPSK	1	271		24.52			
100	QPSK	135	0		24.37		25.0	1.0
100	QPSK	135	69		24.48		26.0	0.0
100	QPSK	135	138		24.31		25.0	1.0
100	QPSK	270	0		24.40			
100	16QAM	1	1		23.28		25.0	1.0
100	64QAM	1	1		22.03		23.5	2.5
100	256QAM	1	1		20.66		21.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.39	24.46	24.39	26.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.45	24.49	24.31	26.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.35	24.39	24.36	26.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.40	24.49	24.39	26.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.35	24.45	24.30	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.40	24.41	24.33	26.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.46	24.43	24.29	26.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.34	24.42	24.39	26.0	0.0

Part27Q n78 Ant 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.79		23.0	0.0
100	PI/2 BPSK	1	137		21.73			
100	PI/2 BPSK	1	271		21.55			
100	PI/2 BPSK	135	0		21.26		22.5	0.5
100	PI/2 BPSK	135	69		21.72		23.0	0.0
100	PI/2 BPSK	135	138		21.19		22.5	0.5
100	PI/2 BPSK	270	0		21.25			
100	QPSK	1	1		21.82		23.0	0.0
100	QPSK	1	137		21.75			
100	QPSK	1	271		21.68			
100	QPSK	135	0		20.78		22.0	1.0
100	QPSK	135	69		21.76		23.0	0.0
100	QPSK	135	138		20.60		22.0	1.0
100	QPSK	270	0		20.69			
100	16QAM	1	1		20.75		22.0	1.0
100	64QAM	1	1		19.45		20.5	2.5
100	256QAM	1	1		17.11		18.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.64	21.78	21.60	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.70	21.70	21.56	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.67	21.69	21.61	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.71	21.73	21.58	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.65	21.76	21.62	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.63	21.73	21.56	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.65	21.70	21.63	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.64	21.78	21.61	23.0	0.0

Part27Q n78 PC2 Ant 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.72		26.0	0.0
100	PI/2 BPSK	1	137		24.70			
100	PI/2 BPSK	1	271		24.64			
100	PI/2 BPSK	135	0		24.60		25.5	0.5
100	PI/2 BPSK	135	69		24.68		26.0	0.0
100	PI/2 BPSK	135	138		24.54		25.5	0.5
100	PI/2 BPSK	270	0		24.60			
100	QPSK	1	1		24.78		26.0	0.0
100	QPSK	1	137		24.73			
100	QPSK	1	271		24.65			
100	QPSK	135	0		24.28		25.0	1.0
100	QPSK	135	69		24.74		26.0	0.0
100	QPSK	135	138		24.35		25.0	1.0
100	QPSK	270	0		24.43			
100	16QAM	1	1		23.91		25.0	1.0
100	64QAM	1	1		22.48		23.5	2.5
100	256QAM	1	1		21.38		21.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.62	24.72	24.55	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.65	24.68	24.54	26.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.60	24.65	24.61	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.66	24.70	24.53	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.57	24.69	24.55	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.57	24.66	24.59	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.63	24.70	24.51	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.64	24.68	24.61	26.0	0.0

n2 Ant 4 Default sig path: 164

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.56	21.75	21.72	23.0	0.0
20	PI/2 BPSK	1	53	21.70	21.79	21.64		
20	PI/2 BPSK	1	104	21.64	21.76	21.61		
20	PI/2 BPSK	50	0	21.40	21.45	21.28	22.5	0.5
20	PI/2 BPSK	50	28	21.82	21.82	21.64	23.0	0.0
20	PI/2 BPSK	50	56	21.27	21.35	21.28	22.5	0.5
20	PI/2 BPSK	100	0	21.23	21.36	21.34		
20	QPSK	1	1	21.78	21.85	21.77	23.0	0.0
20	QPSK	1	53	21.52	21.66	21.63		
20	QPSK	1	104	21.74	21.80	21.71		
20	QPSK	50	0	20.76	20.90	20.76	22.0	1.0
20	QPSK	50	28	21.59	21.73	21.56	23.0	0.0
20	QPSK	50	56	20.84	20.94	20.91	22.0	1.0
20	QPSK	100	0	20.96	21.07	21.02		
20	16QAM	1	1	21.15	21.17	21.17	22.0	1.0
20	64QAM	1	1	19.17	19.27	19.13	20.5	2.5
20	256QAM	1	1	17.47	17.52	17.49	18.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.75	21.83	21.74	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.62	21.68	21.68	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.66	21.74	21.60	23.0	0.0

n2 Ant 4 Default sig path: 429

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.48	21.62	21.59	23.0	0.0
20	PI/2 BPSK	1	53	21.53	21.62	21.51		
20	PI/2 BPSK	1	104	21.53	21.68	21.50		
20	PI/2 BPSK	50	0	21.26	21.39	21.34	22.5	0.5
20	PI/2 BPSK	50	28	21.55	21.62	21.47	23.0	0.0
20	PI/2 BPSK	50	56	21.15	21.18	21.17	22.5	0.5
20	PI/2 BPSK	100	0	21.16	21.27	21.21		
20	QPSK	1	1	21.71	21.76	21.68	23.0	0.0
20	QPSK	1	53	21.55	21.61	21.50		
20	QPSK	1	104	21.61	21.69	21.65		
20	QPSK	50	0	20.75	20.89	20.76	22.0	1.0
20	QPSK	50	28	21.63	21.74	21.63	23.0	0.0
20	QPSK	50	56	20.65	20.79	20.63	22.0	1.0
20	QPSK	100	0	20.80	20.84	20.77		
20	16QAM	1	1	21.02	21.13	21.12	22.0	1.0
20	64QAM	1	1	19.05	19.20	19.12	20.5	2.5
20	256QAM	1	1	17.31	17.47	17.33	18.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.53	21.64	21.57	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.53	21.75	21.60	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.53	21.62	21.50	23.0	0.0

n5 Ant 4 Default sig path: 168

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.90	23.02	22.92	24.0	0.0
20	PI/2 BPSK	1	53	22.85	22.96	22.86		
20	PI/2 BPSK	1	104	22.76	22.88	22.73		
20	PI/2 BPSK	50	0	22.44	22.52	22.39	23.5	0.5
20	PI/2 BPSK	50	28	22.82	22.97	22.90	24.0	0.0
20	PI/2 BPSK	50	56	22.45	22.55	22.42	23.5	0.5
20	PI/2 BPSK	100	0	22.47	22.57	22.44		
20	QPSK	1	1	23.01	23.06	22.99	24.0	0.0
20	QPSK	1	53	22.92	23.03	22.93		
20	QPSK	1	104	22.75	22.86	22.77		
20	QPSK	50	0	21.91	22.05	21.99	23.0	1.0
20	QPSK	50	28	22.83	22.98	22.87	24.0	0.0
20	QPSK	50	56	21.87	22.01	21.89	23.0	1.0
20	QPSK	100	0	21.92	22.05	21.98		
20	16QAM	1	1	21.09	21.13	21.06	23.0	1.0
20	64QAM	1	1	20.51	20.56	20.51	21.5	2.5
20	256QAM	1	1	18.52	18.63	18.48	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.93	23.00	22.85	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.93	22.97	22.91	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.88	22.91	22.82	24.0	0.0

n5 Ant 4 Default sig path: 414

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.98	23.02	22.86	24.0	0.0
20	PI/2 BPSK	1	53	22.82	22.99	22.94		
20	PI/2 BPSK	1	104	22.92	23.04	22.87		
20	PI/2 BPSK	50	0	22.55	22.61	22.56	23.5	0.5
20	PI/2 BPSK	50	28	22.79	22.91	22.82	24.0	0.0
20	PI/2 BPSK	50	56	22.56	22.56	22.38	23.5	0.5
20	PI/2 BPSK	100	0	22.40	22.50	22.32		
20	QPSK	1	1	23.05	23.08	22.92	24.0	0.0
20	QPSK	1	53	22.81	22.96	22.80		
20	QPSK	1	104	23.00	23.01	22.88		
20	QPSK	50	0	22.10	22.12	22.04	23.0	1.0
20	QPSK	50	28	22.78	22.94	22.79	24.0	0.0
20	QPSK	50	56	21.86	21.97	21.90	23.0	1.0
20	QPSK	100	0	21.89	22.01	21.99		
20	16QAM	1	1	22.20	22.27	22.08	23.0	1.0
20	64QAM	1	1	20.32	20.46	20.45	21.5	2.5
20	256QAM	1	1	18.99	19.04	18.94	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.01	22.89	22.80	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.89	23.06	22.87	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.01	22.91	22.91	24.0	0.0

n12 Ant 4 Default sig path: 172

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.16	23.22	23.11	24.0	0.0
15	PI/2 BPSK	1	40	23.06	23.17	23.07		
15	PI/2 BPSK	1	77	23.01	23.13	22.99		
15	PI/2 BPSK	36	0	22.64	22.75	22.66	23.5	0.5
15	PI/2 BPSK	36	22	23.11	23.17	23.07	24.0	0.0
15	PI/2 BPSK	36	43	22.56	22.69	22.61	23.5	0.5
15	PI/2 BPSK	75	0	22.65	22.77	22.67		
15	QPSK	1	1	23.19	23.23	23.15	24.0	0.0
15	QPSK	1	40	23.07	23.18	23.09		
15	QPSK	1	77	22.98	23.08	23.00		
15	QPSK	36	0	22.23	22.29	22.17	23.0	1.0
15	QPSK	36	22	23.07	23.15	23.00	24.0	0.0
15	QPSK	36	43	22.08	22.16	22.09	23.0	1.0
15	QPSK	75	0	22.15	22.23	22.11		
15	16QAM	1	1	22.34	22.46	22.39	23.0	1.0
15	64QAM	1	1	20.45	20.53	20.39	21.5	2.5
	256QAM	1	1	18.92	19.06	19.01	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.04	23.16	23.04	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.08	23.11	23.02	24.0	0.0

n12 Ant 4 Default sig path: 417

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.93	23.02	22.93	24.0	0.0
15	PI/2 BPSK	1	40	22.87	22.97	22.93		
15	PI/2 BPSK	1	77	22.91	22.95	22.89		
15	PI/2 BPSK	36	0	22.49	22.63	22.44	23.5	0.5
15	PI/2 BPSK	36	22	22.99	22.95	22.89	24.0	0.0
15	PI/2 BPSK	36	43	22.42	22.55	22.42	23.5	0.5
15	PI/2 BPSK	75	0	22.51	22.58	22.57		
15	QPSK	1	1	23.00	23.06	22.99	24.0	0.0
15	QPSK	1	40	22.97	22.98	22.81		
15	QPSK	1	77	22.86	23.02	22.88		
15	QPSK	36	0	22.05	22.11	22.05	23.0	1.0
15	QPSK	36	22	22.75	22.89	22.78	24.0	0.0
15	QPSK	36	43	21.83	22.01	21.90	23.0	1.0
15	QPSK	75	0	21.87	22.05	21.92		
15	16QAM	1	1	22.13	22.24	22.12	23.0	1.0
15	64QAM	1	1	20.32	20.48	20.32	21.5	2.5
	256QAM	1	1	18.94	19.09	19.07	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.95	23.05	22.88	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.84	22.98	22.84	24.0	0.0

n14 Ant 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		22.60		24.0	0.0
10	PI/2 BPSK	1	26		22.56			
10	PI/2 BPSK	1	50		22.51			
10	PI/2 BPSK	25	0		22.19		23.5	0.5
10	PI/2 BPSK	25	14		22.61		24.0	0.0
10	PI/2 BPSK	25	27		22.17		23.5	0.5
10	PI/2 BPSK	50	0		22.22			
10	QPSK	1	1		22.63		24.0	0.0
10	QPSK	1	26		22.58			
10	QPSK	1	50		22.49			
10	QPSK	25	0		21.76		23.0	1.0
10	QPSK	25	14		22.45		24.0	0.0
10	QPSK	25	27		21.66		23.0	1.0
10	QPSK	50	0		21.71			
10	16QAM	1	1		21.80		23.0	1.0
10	64QAM	1	1		19.91		21.5	2.5
10	256QAM	1	1		18.23		19.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	22.48	22.52	22.41	24.0	0.0

n25 Ant 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	22.01	22.12	21.97	23.0	0.0
40	PI/2 BPSK	1	108	21.96	22.03	21.95		
40	PI/2 BPSK	1	214	21.82	21.97	21.86		
40	PI/2 BPSK	108	0	21.46	21.62	21.46	22.5	0.5
40	PI/2 BPSK	108	54	21.97	22.08	22.04	23.0	0.0
40	PI/2 BPSK	108	108	21.38	21.54	21.45	22.5	0.5
40	PI/2 BPSK	216	0	21.44	21.59	21.55		
40	QPSK	1	1	22.05	22.18	22.11	23.0	0.0
40	QPSK	1	108	21.94	21.99	21.93		
40	QPSK	1	214	22.00	22.09	21.96		
40	QPSK	108	0	21.12	21.23	21.18	22.0	1.0
40	QPSK	108	54	22.01	22.09	22.05	23.0	0.0
40	QPSK	108	108	20.93	20.98	20.88	22.0	1.0
40	QPSK	216	0	20.99	21.05	20.97		
40	16QAM	1	1	21.27	21.42	21.32	22.0	1.0
40	64QAM	1	1	19.79	19.88	19.78	20.5	2.5
40	256QAM	1	1	17.78	17.86	17.80	18.5	4.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	21.99	22.05	21.97	23.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	21.95	22.07	21.95	23.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.94	22.13	22.07	23.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.91	22.03	22.01	23.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.96	22.09	22.00	23.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.92	22.14	21.99	23.0	0.0

n26 Ant 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.91	23.01	22.93	24.0	0.0
20	PI/2 BPSK	1	53	22.87	22.97	22.86		
20	PI/2 BPSK	1	104	22.81	22.88	22.74		
20	PI/2 BPSK	50	0	22.48	22.62	22.50	23.5	0.5
20	PI/2 BPSK	50	28	22.96	23.04	22.99	24.0	0.0
20	PI/2 BPSK	50	56	22.47	22.54	22.42	23.5	0.5
20	PI/2 BPSK	100	0	22.48	22.62	22.57		
20	QPSK	1	1	22.98	23.06	23.01	24.0	0.0
20	QPSK	1	53	22.96	23.03	22.89		
20	QPSK	1	104	22.77	22.89	22.83		
20	QPSK	50	0	21.94	22.07	21.98	23.0	1.0
20	QPSK	50	28	22.89	23.03	22.94	24.0	0.0
20	QPSK	50	56	21.95	22.05	21.94	23.0	1.0
20	QPSK	100	0	22.04	22.14	22.05		
20	16QAM	1	1	22.11	22.19	22.13	23.0	1.0
20	64QAM	1	1	20.05	20.19	20.13	21.5	2.5
20	256QAM	1	1	18.81	18.96	18.82	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.84	22.97	22.91	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.86	23.01	22.95	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.90	22.95	22.88	24.0	0.0

n66 Ant 4 Default sig path: 174

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.78	21.86	21.70	23.0	0.0
40	PI/2 BPSK	1	108	21.87	22.00	21.85		
40	PI/2 BPSK	1	214	21.83	21.91	21.82		
40	PI/2 BPSK	108	0	21.46	21.55	21.44	22.5	0.5
40	PI/2 BPSK	108	54	21.82	21.92	21.80	23.0	0.0
40	PI/2 BPSK	108	108	21.49	21.52	21.50	22.5	0.5
40	PI/2 BPSK	216	0	21.37	21.50	21.48		
40	QPSK	1	1	21.99	22.10	21.84	23.0	0.0
40	QPSK	1	108	21.90	21.94	21.90		
40	QPSK	1	214	21.84	22.00	21.82		
40	QPSK	108	0	20.95	21.11	21.04	22.0	1.0
40	QPSK	108	54	21.77	21.96	21.84	23.0	0.0
40	QPSK	108	108	20.98	21.12	20.95	22.0	1.0
40	QPSK	216	0	21.12	21.22	21.06		
40	16QAM	1	1	21.28	21.42	21.38	22.0	1.0
40	64QAM	1	1	19.38	19.45	19.32	20.5	2.5
40	256QAM	1	1	17.69	17.73	17.59	18.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.95	22.00	21.77	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.99	22.09	21.81	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.96	22.09	21.83	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.82	22.05	21.81	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.93	21.93	21.82	23.0	0.0

n66 Ant 4 Default sig path: 432

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.96	22.05	22.01	23.0	0.0
40	PI/2 BPSK	1	108	21.92	22.02	22.00		
40	PI/2 BPSK	1	214	21.90	22.04	21.95		
40	PI/2 BPSK	108	0	21.62	21.65	21.52	22.5	0.5
40	PI/2 BPSK	108	54	21.87	22.03	21.95	23.0	0.0
40	PI/2 BPSK	108	108	21.33	21.47	21.44	22.5	0.5
40	PI/2 BPSK	216	0	21.54	21.59	21.45		
40	QPSK	1	1	22.00	22.11	21.82	23.0	0.0
40	QPSK	1	108	21.72	21.87	21.68		
40	QPSK	1	214	22.03	22.04	21.85		
40	QPSK	108	0	21.11	21.12	21.07	22.0	1.0
40	QPSK	108	54	21.90	22.00	21.81	23.0	0.0
40	QPSK	108	108	21.07	21.10	21.00	22.0	1.0
40	QPSK	216	0	21.09	21.16	21.12		
40	16QAM	1	1	21.17	21.32	21.26	22.0	1.0
40	64QAM	1	1	19.27	19.39	19.27	20.5	2.5
40	256QAM	1	1	17.51	17.66	17.56	18.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.83	21.99	21.71	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.83	22.01	21.63	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.81	21.94	21.74	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.81	22.02	21.78	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.94	21.99	21.64	23.0	0.0

n70 Ant 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		21.55		23.0	0.0
15	PI/2 BPSK	1	40		21.61			
15	PI/2 BPSK	1	77		21.55			
15	PI/2 BPSK	36	0		21.19		22.5	0.5
15	PI/2 BPSK	36	22		21.62		23.0	0.0
15	PI/2 BPSK	36	43		21.24		22.5	0.5
15	PI/2 BPSK	75	0		21.26			
15	QPSK	1	1		21.65		23.0	0.0
15	QPSK	1	40		21.52			
15	QPSK	1	77		21.55			
15	QPSK	36	0		20.66		22.0	1.0
15	QPSK	36	22		21.61		23.0	0.0
15	QPSK	36	43		20.65		22.0	1.0
15	QPSK	75	0		20.70			
15	16QAM	1	1		20.97		22.0	1.0
15	64QAM	1	1		18.98		20.5	2.5
	256QAM	1	1		17.27		18.5	4.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	21.44	21.56	21.44	23.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	21.53	21.58	21.45	23.0	0.0

n71 Ant 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.87	22.98	22.92	24.0	0.0
20	PI/2 BPSK	1	53	22.78	22.91	22.83		
20	PI/2 BPSK	1	104	22.68	22.76	22.63		
20	PI/2 BPSK	50	0	22.46	22.57	22.46	23.5	0.5
20	PI/2 BPSK	50	28	22.86	22.95	22.89	24.0	0.0
20	PI/2 BPSK	50	56	22.34	22.45	22.39	23.5	0.5
20	PI/2 BPSK	100	0	22.42	22.57	22.47		
20	QPSK	1	1	22.91	23.05	22.97	24.0	0.0
20	QPSK	1	53	22.80	22.92	22.86		
20	QPSK	1	104	22.68	22.76	22.70		
20	QPSK	50	0	21.86	21.96	21.81	23.0	1.0
20	QPSK	50	28	22.92	22.97	22.90	24.0	0.0
20	QPSK	50	56	21.85	21.95	21.88	23.0	1.0
20	QPSK	100	0	22.00	22.07	22.01		
20	16QAM	1	1	22.31	22.37	22.23	23.0	1.0
20	64QAM	1	1	20.18	20.30	20.25	21.5	2.5
20	256QAM	1	1	18.66	18.73	18.65	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.83	22.94	22.92	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.80	22.98	22.86	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.78	22.91	22.86	24.0	0.0

n41 Ant 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.91	20.07	19.95	21.0	0.0
100	PI/2 BPSK	1	137	19.86	20.01	19.89		
100	PI/2 BPSK	1	271	19.79	19.87	19.73		
100	PI/2 BPSK	135	0	19.31	19.42	19.30	20.5	0.5
100	PI/2 BPSK	135	69	19.93	20.00	19.95	21.0	0.0
100	PI/2 BPSK	135	138	19.24	19.37	19.26	20.5	0.5
100	PI/2 BPSK	270	0	19.35	19.44	19.37		
100	QPSK	1	1	20.03	20.12	20.06	21.0	0.0
100	QPSK	1	137	19.97	20.06	19.93		
100	QPSK	1	271	19.82	19.90	19.79		
100	QPSK	135	0	18.93	18.97	18.82	20.0	1.0
100	QPSK	135	69	19.78	19.88	19.74	21.0	0.0
100	QPSK	135	138	18.74	18.85	18.80	20.0	1.0
100	QPSK	270	0	18.78	18.91	18.77		
100	16QAM	1	1	18.87	18.99	18.88	20.0	1.0
100	64QAM	1	1	17.39	17.54	17.43	18.5	2.5
100	256QAM	1	1	15.39	15.49	15.37	16.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.93	20.04	19.92	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.95	20.00	19.98	21.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.87	20.02	19.92	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.95	20.07	19.99	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.93	19.98	19.92	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.95	20.01	20.02	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.98	19.99	19.96	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.90	20.00	20.01	21.0	0.0

n41 PC2 Ant 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.90	22.98	22.89	24.0	0.0
100	PI/2 BPSK	1	137	22.89	22.93	22.85		
100	PI/2 BPSK	1	271	22.83	22.88	22.78		
100	PI/2 BPSK	135	0	22.78	22.87	22.81	23.5	0.5
100	PI/2 BPSK	135	69	22.83	22.92	22.85	24.0	0.0
100	PI/2 BPSK	135	138	22.72	22.79	22.75	23.5	0.5
100	PI/2 BPSK	270	0	22.79	22.84	22.80		
100	QPSK	1	1	22.93	23.03	22.98	24.0	0.0
100	QPSK	1	137	22.83	22.90	22.82		
100	QPSK	1	271	22.81	22.86	22.82		
100	QPSK	135	0	22.78	22.83	22.69	23.0	1.0
100	QPSK	135	69	22.83	22.96	22.81	24.0	0.0
100	QPSK	135	138	22.73	22.81	22.68	23.0	1.0
100	QPSK	270	0	22.79	22.87	22.81		
100	16QAM	1	1	22.90	22.95	22.79	23.0	1.0
100	64QAM	1	1	20.94	21.07	21.00	21.5	2.5
100	256QAM	1	1	19.01	19.09	19.04	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.77	22.97	22.94	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.85	22.98	22.91	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.81	22.90	22.91	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.82	22.98	22.86	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.79	22.95	22.84	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.77	22.94	22.88	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.81	22.89	22.90	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.84	22.96	22.85	24.0	0.0

n48 Part96 Ant 5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.71	22.77	22.63	24.0	0.0
40	PI/2 BPSK	1	53	22.60	22.73	22.68		
40	PI/2 BPSK	1	104	22.64	22.68	22.62		
40	PI/2 BPSK	50	0	22.19	22.28	22.14	23.5	0.5
40	PI/2 BPSK	50	28	22.59	22.71	22.57	24.0	0.0
40	PI/2 BPSK	50	56	22.10	22.25	22.17	23.5	0.5
40	PI/2 BPSK	100	0	22.20	22.31	22.25		
40	QPSK	1	1	22.76	22.83	22.69	24.0	0.0
40	QPSK	1	53	22.66	22.79	22.68		
40	QPSK	1	104	22.59	22.74	22.60		
40	QPSK	50	0	21.71	21.76	21.71	23.0	1.0
40	QPSK	50	28	22.59	22.75	22.65	24.0	0.0
40	QPSK	50	56	21.68	21.78	21.65	23.0	1.0
40	QPSK	100	0	21.72	21.82	21.73		
40	16QAM	1	1	21.96	22.06	21.96	23.0	1.0
40	64QAM	1	1	20.43	20.49	20.37	21.5	2.5
40	256QAM	1	1	18.29	18.33	18.25	19.5	4.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.62	22.74	22.64	24.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.63	22.78	22.61	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.70	22.73	22.62	24.0	0.0

Part27O n77 Ant 5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.91	22.99	22.90	24.0	0.0
100	PI/2 BPSK	1	137	22.86	22.92	22.80		
100	PI/2 BPSK	1	271	22.75	22.85	22.76		
100	PI/2 BPSK	135	0	22.35	22.39	22.33	23.5	0.5
100	PI/2 BPSK	135	69	22.75	22.90	22.82	24.0	0.0
100	PI/2 BPSK	135	138	22.23	22.38	22.29	23.5	0.5
100	PI/2 BPSK	270	0	22.26	22.42	22.29		
100	QPSK	1	1	22.93	23.03	22.97	24.0	0.0
100	QPSK	1	137	22.78	22.94	22.79		
100	QPSK	1	271	22.78	22.91	22.78		
100	QPSK	135	0	21.71	21.81	21.76	23.0	1.0
100	QPSK	135	69	22.84	22.88	22.77	24.0	0.0
100	QPSK	135	138	21.82	21.89	21.85	23.0	1.0
100	QPSK	270	0	21.84	21.92	21.80		
100	16QAM	1	1	21.76	21.92	21.87	23.0	1.0
100	64QAM	1	1	20.40	20.53	20.42	21.5	2.5
100	256QAM	1	1	18.22	18.35	18.29	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.85	22.98	22.92	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.79	22.97	22.90	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.80	22.92	22.82	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.86	22.89	22.84	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.79	22.96	22.87	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.81	22.90	22.88	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.77	22.92	22.92	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.84	22.93	22.90	24.0	0.0

Part27O n77 PC2 Ant 5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.87	25.93	25.80	27.0	0.0
100	PI/2 BPSK	1	137	25.81	25.88	25.79		
100	PI/2 BPSK	1	271	25.73	25.81	25.72		
100	PI/2 BPSK	135	0	25.74	25.79	25.67	26.5	0.5
100	PI/2 BPSK	135	69	25.83	25.90	25.76	27.0	0.0
100	PI/2 BPSK	135	138	25.73	25.80	25.64	26.5	0.5
100	PI/2 BPSK	270	0	25.78	25.84	25.75		
100	QPSK	1	1	25.90	25.97	25.86	27.0	0.0
100	QPSK	1	137	25.80	25.90	25.85		
100	QPSK	1	271	25.85	25.92	25.78		
100	QPSK	135	0	25.72	25.83	25.78	26.0	1.0
100	QPSK	135	69	25.84	25.92	25.86	27.0	0.0
100	QPSK	135	138	25.70	25.78	25.69	26.0	1.0
100	QPSK	270	0	25.78	25.83	25.78		
100	16QAM	1	1	25.43	25.51	25.46	26.0	1.0
100	64QAM	1	1	23.33	23.49	23.40	24.5	2.5
100	256QAM	1	1	21.24	21.33	21.18	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.76	25.91	25.76	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.77	25.90	25.70	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.78	25.83	25.73	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.78	25.93	25.81	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.76	25.85	25.77	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.75	25.89	25.81	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.83	25.87	25.81	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.74	25.85	25.73	27.0	0.0

Part27Q n77 Ant 5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.61		24.0	0.0
100	PI/2 BPSK	1	137		22.57			
100	PI/2 BPSK	1	271		22.42			
100	PI/2 BPSK	135	0		22.17		23.5	0.5
100	PI/2 BPSK	135	69		22.54		24.0	0.0
100	PI/2 BPSK	135	138		22.02		23.5	0.5
100	PI/2 BPSK	270	0		22.08			
100	QPSK	1	1		22.68		24.0	0.0
100	QPSK	1	137		22.53			
100	QPSK	1	271		22.49			
100	QPSK	135	0		21.71		23.0	1.0
100	QPSK	135	69		22.56		24.0	0.0
100	QPSK	135	138		21.56		23.0	1.0
100	QPSK	270	0		21.61			
100	16QAM	1	1		21.87		23.0	1.0
100	64QAM	1	1		20.27		21.5	2.5
100	256QAM	1	1		18.15		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.52	22.56	22.49	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.49	22.60	22.43	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.51	22.54	22.44	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.55	22.57	22.49	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.49	22.63	22.44	24.0	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.51	22.61	22.52	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.53	22.58	22.47	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.56	22.62	22.52	24.0	0.0

Part27Q n77 PC2 Ant 5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.58		27.0	0.0
100	PI/2 BPSK	1	137		25.53			
100	PI/2 BPSK	1	271		25.46			
100	PI/2 BPSK	135	0		25.39		26.5	0.5
100	PI/2 BPSK	135	69		25.54		27.0	0.0
100	PI/2 BPSK	135	138		25.41		26.5	0.5
100	PI/2 BPSK	270	0		25.48			
100	QPSK	1	1		25.62		27.0	0.0
100	QPSK	1	137		25.57			
100	QPSK	1	271		25.51			
100	QPSK	135	0		25.47		26.0	1.0
100	QPSK	135	69		25.57		27.0	0.0
100	QPSK	135	138		25.41		26.0	1.0
100	QPSK	270	0		25.46			
100	16QAM	1	1		25.37		26.0	1.0
100	64QAM	1	1		23.24		24.5	2.5
100	256QAM	1	1		21.11		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.50	25.57	25.42	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.45	25.47	25.39	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.42	25.48	25.39	27.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.48	25.49	25.37	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.43	25.51	25.45	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.49	25.58	25.37	27.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.44	25.56	25.40	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.43	25.47	25.37	27.0	0.0

Part27O n78 Ant 5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.19		24.0	0.0
100	PI/2 BPSK	1	137		23.10			
100	PI/2 BPSK	1	271		23.03			
100	PI/2 BPSK	135	0		22.52		23.5	0.5
100	PI/2 BPSK	135	69		23.11		24.0	0.0
100	PI/2 BPSK	135	138		22.56		23.5	0.5
100	PI/2 BPSK	270	0		22.62			
100	QPSK	1	1		23.24		24.0	0.0
100	QPSK	1	137		23.14			
100	QPSK	1	271		23.20			
100	QPSK	135	0		22.01		23.0	1.0
100	QPSK	135	69		23.06		24.0	0.0
100	QPSK	135	138		22.05		23.0	1.0
100	QPSK	270	0		22.09			
100	16QAM	1	1		21.75		23.0	1.0
100	64QAM	1	1		20.09		21.5	2.5
100	256QAM	1	1		18.15		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.11	23.10	23.07	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.08	23.11	23.06	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.05	23.18	23.02	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.00	23.09	23.03	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.06	23.18	23.11	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.10	23.13	23.02	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.06	23.09	23.04	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.07	23.18	23.05	24.0	0.0

Part27O n78 PC2 Ant 5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		26.14		27.0	0.0
100	PI/2 BPSK	1	137		26.08			
100	PI/2 BPSK	1	271		26.03			
100	PI/2 BPSK	135	0		25.82		26.5	0.5
100	PI/2 BPSK	135	69		26.01		27.0	0.0
100	PI/2 BPSK	135	138		25.79		26.5	0.5
100	PI/2 BPSK	270	0		25.84			
100	QPSK	1	1		26.18		27.0	0.0
100	QPSK	1	137		26.11			
100	QPSK	1	271		26.06			
100	QPSK	135	0		25.98		26.0	1.0
100	QPSK	135	69		26.13		27.0	0.0
100	QPSK	135	138		25.84		26.0	1.0
100	QPSK	270	0		25.91			
100	16QAM	1	1		25.61		26.0	1.0
100	64QAM	1	1		23.67		24.5	2.5
100	256QAM	1	1		21.44		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.99	26.04	25.94	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.97	26.09	25.95	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.09	26.06	26.00	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.02	26.10	25.96	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.00	26.04	25.97	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.05	26.07	25.91	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.09	26.13	25.89	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.00	26.03	25.95	27.0	0.0

Part27Q n78 Ant 5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.10		24.0	0.0
100	PI/2 BPSK	1	137		23.05			
100	PI/2 BPSK	1	271		22.81			
100	PI/2 BPSK	135	0		22.59		23.5	0.5
100	PI/2 BPSK	135	69		23.06		24.0	0.0
100	PI/2 BPSK	135	138		22.44		23.5	0.5
100	PI/2 BPSK	270	0		22.50			
100	QPSK	1	1		23.13		24.0	0.0
100	QPSK	1	137		23.01			
100	QPSK	1	271		22.95			
100	QPSK	135	0		22.12		23.0	1.0
100	QPSK	135	69		23.06		24.0	0.0
100	QPSK	135	138		21.94		23.0	1.0
100	QPSK	270	0		22.02			
100	16QAM	1	1		21.89		23.0	1.0
100	64QAM	1	1		20.27		21.5	2.5
100	256QAM	1	1		18.29		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.02	23.00	22.91	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.96	23.07	22.87	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.93	23.00	22.91	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.99	23.08	22.90	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.98	22.99	22.89	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.95	23.00	22.90	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.96	23.08	22.86	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.93	22.99	22.90	24.0	0.0

Part27Q n78 PC2 Ant 5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.02		27.0	0.0
100	PI/2 BPSK	1	137		25.98			
100	PI/2 BPSK	1	271		25.91			
100	PI/2 BPSK	135	0		25.78		26.5	0.5
100	PI/2 BPSK	135	69		25.97		27.0	0.0
100	PI/2 BPSK	135	138		25.86		26.5	0.5
100	PI/2 BPSK	270	0		25.90			
100	QPSK	1	1		26.07		27.0	0.0
100	QPSK	1	137		26.01			
100	QPSK	1	271		25.94			
100	QPSK	135	0		25.87		26.0	1.0
100	QPSK	135	69		25.91		27.0	0.0
100	QPSK	135	138		25.88		26.0	1.0
100	QPSK	270	0		25.93			
100	16QAM	1	1		25.66		26.0	1.0
100	64QAM	1	1		23.74		24.5	2.5
100	256QAM	1	1		21.67		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.84	25.92	25.94	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.88	25.99	25.92	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.86	25.98	25.91	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.89	25.95	25.94	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.88	25.92	25.95	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.95	25.99	25.91	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.93	26.00	25.98	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.92	25.96	25.86	27.0	0.0

n41 Ant 7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.50	20.54	20.41	22.0	0.0
100	PI/2 BPSK	1	137	20.31	20.46	20.41		
100	PI/2 BPSK	1	271	20.31	20.41	20.37		
100	PI/2 BPSK	135	0	19.87	19.98	19.90	21.5	0.5
100	PI/2 BPSK	135	69	20.38	20.43	20.34	22.0	0.0
100	PI/2 BPSK	135	138	19.96	20.00	19.85	21.5	0.5
100	PI/2 BPSK	270	0	19.97	20.05	19.92		
100	QPSK	1	1	20.51	20.59	20.45	22.0	0.0
100	QPSK	1	137	20.43	20.53	20.40		
100	QPSK	1	271	20.43	20.50	20.42		
100	QPSK	135	0	19.35	19.47	19.41	21.0	1.0
100	QPSK	135	69	20.34	20.49	20.38	22.0	0.0
100	QPSK	135	138	19.42	19.47	19.31	21.0	1.0
100	QPSK	270	0	19.44	19.52	19.41		
100	16QAM	1	1	19.57	19.61	19.54	21.0	1.0
100	64QAM	1	1	18.04	18.13	17.99	19.5	2.5
100	256QAM	1	1	16.27	16.36	16.21	17.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.38	20.52	20.32	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	20.44	20.50	20.33	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.44	20.47	20.39	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.37	20.52	20.39	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.41	20.45	20.38	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.39	20.47	20.33	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.40	20.46	20.35	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.36	20.52	20.37	22.0	0.0

n41 PC2 Ant 7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.49	23.59	23.51	25.0	0.0
100	PI/2 BPSK	1	137	23.40	23.51	23.37		
100	PI/2 BPSK	1	271	23.26	23.34	23.28		
100	PI/2 BPSK	135	0	23.24	23.30	23.15	24.5	0.5
100	PI/2 BPSK	135	69	23.45	23.51	23.43	25.0	0.0
100	PI/2 BPSK	135	138	23.19	23.30	23.23	24.5	0.5
100	PI/2 BPSK	270	0	23.32	23.36	23.20		
100	QPSK	1	1	23.55	23.63	23.58	25.0	0.0
100	QPSK	1	137	23.46	23.55	23.50		
100	QPSK	1	271	23.36	23.42	23.36		
100	QPSK	135	0	23.19	23.31	23.19	24.0	1.0
100	QPSK	135	69	23.49	23.55	23.48	25.0	0.0
100	QPSK	135	138	23.29	23.33	23.23	24.0	1.0
100	QPSK	270	0	23.34	23.40	23.31		
100	16QAM	1	1	23.51	23.62	23.46	24.0	1.0
100	64QAM	1	1	21.55	21.65	21.49	22.5	2.5
100	256QAM	1	1	19.44	19.59	19.50	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.47	23.51	23.44	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.45	23.47	23.42	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.50	23.49	23.44	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.49	23.47	23.48	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.46	23.50	23.51	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.46	23.48	23.52	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.46	23.50	23.49	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.39	23.59	23.48	25.0	0.0

Part27O n77 Ant 8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.16	21.31	21.15	22.5	0.0
100	PI/2 BPSK	1	137	21.19	21.27	21.23		
100	PI/2 BPSK	1	271	21.16	21.21	21.10		
100	PI/2 BPSK	135	0	20.61	20.66	20.59	22.0	0.5
100	PI/2 BPSK	135	69	21.11	21.18	21.11	22.5	0.0
100	PI/2 BPSK	135	138	20.61	20.66	20.60	22.0	0.5
100	PI/2 BPSK	270	0	20.58	20.73	20.63		
100	QPSK	1	1	21.29	21.35	21.23	22.5	0.0
100	QPSK	1	137	21.19	21.30	21.24		
100	QPSK	1	271	21.15	21.26	21.14		
100	QPSK	135	0	20.11	20.19	20.08	21.5	1.0
100	QPSK	135	69	21.19	21.24	21.15	22.5	0.0
100	QPSK	135	138	20.17	20.21	20.10	21.5	1.0
100	QPSK	270	0	20.11	20.26	20.15		
100	16QAM	1	1	19.78	19.94	19.82	21.5	1.0
100	64QAM	1	1	18.46	18.56	18.50	20.0	2.5
100	256QAM	1	1	16.50	16.58	16.52	18.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.18	21.23	21.16	22.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.14	21.28	21.09	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.10	21.20	21.13	22.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.22	21.27	21.15	22.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.19	21.31	21.11	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.18	21.25	21.17	22.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.15	21.20	21.19	22.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.20	21.22	21.16	22.5	0.0

Part27O n77 PC2 Ant 8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.16	24.23	24.12	25.5	0.0
100	PI/2 BPSK	1	137	24.15	24.19	24.05		
100	PI/2 BPSK	1	271	24.00	24.12	23.96		
100	PI/2 BPSK	135	0	24.02	24.09	24.01	25.5	0.0
100	PI/2 BPSK	135	69	24.15	24.20	24.09	25.5	0.0
100	PI/2 BPSK	135	138	24.02	24.11	24.01	25.5	0.0
100	PI/2 BPSK	270	0	24.05	24.16	24.11		
100	QPSK	1	1	24.22	24.28	24.18	25.5	0.0
100	QPSK	1	137	24.13	24.23	24.14		
100	QPSK	1	271	24.02	24.17	24.08		
100	QPSK	135	0	23.95	24.04	23.93	25.5	0.0
100	QPSK	135	69	24.08	24.22	24.11	25.5	0.0
100	QPSK	135	138	23.96	24.10	23.98	25.5	0.0
100	QPSK	270	0	24.02	24.16	24.05		
100	16QAM	1	1	24.10	24.23	24.17	25.5	0.0
100	64QAM	1	1	22.33	22.39	22.33	24.0	1.5
100	256QAM	1	1	20.16	20.20	20.10	22.0	3.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.16	24.13	24.05	25.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.02	24.09	23.92	25.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.07	24.10	23.93	25.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.05	24.15	23.97	25.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.07	24.09	24.00	25.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.03	24.07	23.92	25.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.01	24.14	24.00	25.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.03	24.12	23.99	25.5	0.0

Part27Q n77 Ant 8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.93		22.5	0.0
100	PI/2 BPSK	1	137		20.88			
100	PI/2 BPSK	1	271		20.84			
100	PI/2 BPSK	135	0		20.37		22.0	0.5
100	PI/2 BPSK	135	69		20.86		22.5	0.0
100	PI/2 BPSK	135	138		20.35		22.0	0.5
100	PI/2 BPSK	270	0		20.43			
100	QPSK	1	1		20.97		22.5	0.0
100	QPSK	1	137		20.91			
100	QPSK	1	271		20.89			
100	QPSK	135	0		19.82		21.5	1.0
100	QPSK	135	69		20.92		22.5	0.0
100	QPSK	135	138		19.88		21.5	1.0
100	QPSK	270	0		19.92			
100	16QAM	1	1		19.71		21.5	1.0
100	64QAM	1	1		18.11		20.0	2.5
100	256QAM	1	1		16.15		18.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.83	20.89	20.75	22.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.80	20.83	20.74	22.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.83	20.92	20.74	22.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.82	20.87	20.83	22.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.82	20.88	20.79	22.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.84	20.85	20.75	22.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.80	20.90	20.73	22.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.80	20.84	20.79	22.5	0.0

Part27Q n77 PC2 Ant 8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.88		25.5	0.0
100	PI/2 BPSK	1	137		23.82			
100	PI/2 BPSK	1	271		23.75			
100	PI/2 BPSK	135	0		23.76		25.0	0.5
100	PI/2 BPSK	135	69		23.82		25.5	0.0
100	PI/2 BPSK	135	138		23.75		25.0	0.5
100	PI/2 BPSK	270	0		23.79			
100	QPSK	1	1		23.93		25.5	0.0
100	QPSK	1	137		23.89			
100	QPSK	1	271		23.87			
100	QPSK	135	0		23.84		24.5	1.0
100	QPSK	135	69		23.88		25.5	0.0
100	QPSK	135	138		23.79		24.5	1.0
100	QPSK	270	0		23.83			
100	16QAM	1	1		23.79		24.5	1.0
100	64QAM	1	1		22.34		23.0	2.5
100	256QAM	1	1		20.29		21.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.81	23.86	23.72	25.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.75	23.89	23.69	25.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.80	23.84	23.77	25.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.81	23.87	23.76	25.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.75	23.77	23.72	25.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.82	23.86	23.74	25.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.77	23.81	23.72	25.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.81	23.86	23.77	25.5	0.0

Part27O n78 Ant 8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.56		22.5	0.0
100	PI/2 BPSK	1	137		21.51			
100	PI/2 BPSK	1	271		21.47			
100	PI/2 BPSK	135	0		20.89		22.0	0.5
100	PI/2 BPSK	135	69		21.53		22.5	0.0
100	PI/2 BPSK	135	138		20.93		22.0	0.5
100	PI/2 BPSK	270	0		20.99			
100	QPSK	1	1		21.63		22.5	0.0
100	QPSK	1	137		21.57			
100	QPSK	1	271		21.51			
100	QPSK	135	0		20.41		21.5	1.0
100	QPSK	135	69		21.58		22.5	0.0
100	QPSK	135	138		20.44		21.5	1.0
100	QPSK	270	0		20.48			
100	16QAM	1	1		20.16		21.5	1.0
100	64QAM	1	1		18.61		20.0	2.5
100	256QAM	1	1		16.55		18.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.44	21.58	21.41	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.45	21.54	21.49	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.53	21.49	21.51	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.44	21.58	21.50	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.50	21.52	21.45	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.52	21.55	21.45	22.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.46	21.51	21.53	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.51	21.55	21.49	22.5	0.0

Part27O n78 PC2 Ant 8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.46		25.5	0.0
100	PI/2 BPSK	1	137		24.41			
100	PI/2 BPSK	1	271		24.38			
100	PI/2 BPSK	135	0		24.21		25.0	0.5
100	PI/2 BPSK	135	69		24.41		25.5	0.0
100	PI/2 BPSK	135	138		24.28		25.0	0.5
100	PI/2 BPSK	270	0		24.32			
100	QPSK	1	1		24.52		25.5	0.0
100	QPSK	1	137		24.46			
100	QPSK	1	271		24.41			
100	QPSK	135	0		24.20		24.5	1.0
100	QPSK	135	69		24.46		25.5	0.0
100	QPSK	135	138		24.28		24.5	1.0
100	QPSK	270	0		24.31			
100	16QAM	1	1		24.41		24.5	1.0
100	64QAM	1	1		22.61		23.0	2.5
100	256QAM	1	1		20.49		21.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.40	24.45	24.33	25.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.32	24.41	24.31	25.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.40	24.46	24.42	25.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.43	24.48	24.34	25.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.39	24.40	24.33	25.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.30	24.39	24.33	25.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.32	24.45	24.34	25.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.38	24.41	24.28	25.5	0.0

Part27Q n78 Ant 8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.27		22.5	0.0
100	PI/2 BPSK	1	137		21.21			
100	PI/2 BPSK	1	271		21.16			
100	PI/2 BPSK	135	0		20.78		22.0	0.5
100	PI/2 BPSK	135	69		21.25		22.5	0.0
100	PI/2 BPSK	135	138		20.78		22.0	0.5
100	PI/2 BPSK	270	0		20.85			
100	QPSK	1	1		21.31		22.5	0.0
100	QPSK	1	137		21.25			
100	QPSK	1	271		21.18			
100	QPSK	135	0		20.31		21.5	1.0
100	QPSK	135	69		21.28		22.5	0.0
100	QPSK	135	138		20.20		21.5	1.0
100	QPSK	270	0		20.24			
100	16QAM	1	1		20.52		21.5	1.0
100	64QAM	1	1		18.90		20.0	2.5
100	256QAM	1	1		16.71		18.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.16	21.23	21.11	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.19	21.20	21.11	22.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.10	21.16	21.12	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.18	21.22	21.16	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.21	21.25	21.15	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.18	21.27	21.16	22.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.20	21.15	21.16	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.18	21.26	21.09	22.5	0.0

Part27Q n78 PC2 Ant 8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.23		25.5	0.0
100	PI/2 BPSK	1	137		24.16			
100	PI/2 BPSK	1	271		24.11			
100	PI/2 BPSK	135	0		24.08		25.5	0.0
100	PI/2 BPSK	135	69		24.20		25.5	0.0
100	PI/2 BPSK	135	138		24.09		25.5	0.0
100	PI/2 BPSK	270	0		24.15			
100	QPSK	1	1		24.27		25.5	0.0
100	QPSK	1	137		24.22			
100	QPSK	1	271		24.14			
100	QPSK	135	0		24.11		25.5	0.0
100	QPSK	135	69		24.22		25.5	0.0
100	QPSK	135	138		24.11		25.5	0.0
100	QPSK	270	0		24.17			
100	16QAM	1	1		24.10		25.5	0.0
100	64QAM	1	1		22.55		24.0	1.5
100	256QAM	1	1		20.56		22.0	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.18	24.17	24.09	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.08	24.22	24.12	25.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.03	24.13	24.11	25.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.18	24.20	24.05	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.19	24.23	24.11	25.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.08	24.17	24.13	25.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.10	24.23	24.14	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.16	24.19	24.05	25.5	0.0

Reduced Power Mode for Main PA DSI2 Standalone

n2 Ant 0 DSI2 sig path: 164

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.16	23.20	23.20	24.0	0.0
20	PI/2 BPSK	1	53	23.07	23.16	22.97		
20	PI/2 BPSK	1	104	22.95	23.09	23.00		
20	PI/2 BPSK	50	0	22.60	22.76	22.73	23.5	0.5
20	PI/2 BPSK	50	28	23.07	23.18	23.05	24.0	0.0
20	PI/2 BPSK	50	56	22.58	22.75	22.67	23.5	0.5
20	PI/2 BPSK	100	0	22.67	22.81	22.66		
20	QPSK	1	1	23.10	23.23	23.13	24.0	0.0
20	QPSK	1	53	23.03	23.16	23.15		
20	QPSK	1	104	23.07	23.21	23.10		
20	QPSK	50	0	22.23	22.32	22.25	23.0	1.0
20	QPSK	50	28	22.95	23.12	23.03	24.0	0.0
20	QPSK	50	56	22.23	22.24	22.22	23.0	1.0
20	QPSK	100	0	22.13	22.32	22.21		
20	16QAM	1	1	22.47	22.53	22.42	23.0	1.0
20	64QAM	1	1	20.55	20.69	20.50	21.5	2.5
20	256QAM	1	1	18.75	18.83	18.63	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.93	23.05	22.97	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.07	23.16	22.96	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.93	23.04	23.00	24.0	0.0

n2 Ant 0 DSI2 sig path: 429

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.07	23.18	23.12	24.0	0.0
20	PI/2 BPSK	1	53	23.03	23.22	23.21		
20	PI/2 BPSK	1	104	22.94	23.09	22.96		
20	PI/2 BPSK	50	0	22.53	22.72	22.66	23.5	0.5
20	PI/2 BPSK	50	28	22.99	23.17	23.04	24.0	0.0
20	PI/2 BPSK	50	56	22.70	22.80	22.68	23.5	0.5
20	PI/2 BPSK	100	0	22.68	22.80	22.77		
20	QPSK	1	1	23.10	23.25	23.17	24.0	0.0
20	QPSK	1	53	23.01	23.13	22.97		
20	QPSK	1	104	23.12	23.16	23.08		
20	QPSK	50	0	22.27	22.35	22.15	23.0	1.0
20	QPSK	50	28	23.14	23.21	23.10	24.0	0.0
20	QPSK	50	56	21.98	22.15	22.04	23.0	1.0
20	QPSK	100	0	22.27	22.40	22.33		
20	16QAM	1	1	22.41	22.52	22.44	23.0	1.0
20	64QAM	1	1	20.60	20.64	20.58	21.5	2.5
20	256QAM	1	1	18.72	18.83	18.65	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.92	23.19	23.00	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.02	23.21	23.09	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.98	23.09	23.06	24.0	0.0

n5 Ant 0 DSI2 sig path: 168

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.12	23.13	23.09	24.0	0.0
20	PI/2 BPSK	1	53	23.07	23.11	23.01		
20	PI/2 BPSK	1	104	23.05	23.05	22.85		
20	PI/2 BPSK	50	0	22.60	22.61	22.50	23.5	0.5
20	PI/2 BPSK	50	28	22.91	22.97	22.80	24.0	0.0
20	PI/2 BPSK	50	56	22.44	22.63	22.65	23.5	0.5
20	PI/2 BPSK	100	0	22.42	22.56	22.37		
20	QPSK	1	1	23.20	23.22	23.14	24.0	0.0
20	QPSK	1	53	23.07	23.11	23.11		
20	QPSK	1	104	23.00	23.08	22.98		
20	QPSK	50	0	21.95	21.98	21.84	23.0	1.0
20	QPSK	50	28	22.85	22.99	22.92	24.0	0.0
20	QPSK	50	56	21.98	22.02	22.00	23.0	1.0
20	QPSK	100	0	22.03	22.08	22.01		
20	16QAM	1	1	22.01	22.02	22.00	23.0	1.0
20	64QAM	1	1	20.50	20.55	20.41	21.5	2.5
20	256QAM	1	1	18.34	18.56	18.51	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.00	23.12	23.08	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.12	23.17	23.09	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.00	23.05	23.03	24.0	0.0

n5 Ant 0 DSI2 sig path: 414

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.82	22.91	22.89	24.0	0.0
20	PI/2 BPSK	1	53	22.66	22.79	22.71		
20	PI/2 BPSK	1	104	22.67	22.82	22.79		
20	PI/2 BPSK	50	0	22.40	22.42	22.32	23.5	0.5
20	PI/2 BPSK	50	28	22.69	22.85	22.72	24.0	0.0
20	PI/2 BPSK	50	56	22.17	22.27	22.17	23.5	0.5
20	PI/2 BPSK	100	0	22.15	22.32	22.20		
20	QPSK	1	1	22.87	22.92	22.77	24.0	0.0
20	QPSK	1	53	22.70	22.86	22.80		
20	QPSK	1	104	22.82	22.84	22.81		
20	QPSK	50	0	21.81	21.85	21.74	23.0	1.0
20	QPSK	50	28	22.69	22.81	22.76	24.0	0.0
20	QPSK	50	56	21.62	21.77	21.64	23.0	1.0
20	QPSK	100	0	21.73	21.81	21.69		
20	16QAM	1	1	22.14	22.22	22.21	23.0	1.0
20	64QAM	1	1	20.01	20.09	19.94	21.5	2.5
20	256QAM	1	1	18.52	18.55	18.38	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.85	22.75	22.68	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.75	22.75	22.69	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.76	22.84	22.61	24.0	0.0

n12 Ant 0 DSI2 sig path: 172

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.97	23.06	22.95	24.0	0.0
15	PI/2 BPSK	1	40	22.85	22.99	22.87		
15	PI/2 BPSK	1	77	22.88	23.02	22.91		
15	PI/2 BPSK	36	0	22.53	22.63	22.57	23.5	0.5
15	PI/2 BPSK	36	22	23.03	23.09	22.97	24.0	0.0
15	PI/2 BPSK	36	43	22.46	22.56	22.48	23.5	0.5
15	PI/2 BPSK	75	0	22.46	22.57	22.51		
15	QPSK	1	1	22.99	23.13	23.03	24.0	0.0
15	QPSK	1	40	23.03	23.09	22.98		
15	QPSK	1	77	22.93	23.05	22.93		
15	QPSK	36	0	21.97	22.03	21.96	23.0	1.0
15	QPSK	36	22	22.97	23.04	22.93	24.0	0.0
15	QPSK	36	43	21.88	21.93	21.87	23.0	1.0
15	QPSK	75	0	21.91	21.98	21.86		
15	16QAM	1	1	21.89	22.02	21.95	23.0	1.0
15	64QAM	1	1	20.54	20.65	20.51	21.5	2.5
15	256QAM	1	1	18.51	18.59	18.53	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.91	23.04	22.91	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.89	23.02	22.96	24.0	0.0

n12 Ant 0 DSI2 sig path: 417

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.81	22.85	22.82	24.0	0.0
15	PI/2 BPSK	1	40	22.66	22.78	22.66		
15	PI/2 BPSK	1	77	22.70	22.80	22.63		
15	PI/2 BPSK	36	0	22.27	22.43	22.31	23.5	0.5
15	PI/2 BPSK	36	22	22.76	22.79	22.74	24.0	0.0
15	PI/2 BPSK	36	43	22.26	22.37	22.29	23.5	0.5
15	PI/2 BPSK	75	0	22.31	22.46	22.32		
15	QPSK	1	1	22.92	22.93	22.88	24.0	0.0
15	QPSK	1	40	22.62	22.78	22.73		
15	QPSK	1	77	22.74	22.82	22.64		
15	QPSK	36	0	21.88	21.94	21.89	23.0	1.0
15	QPSK	36	22	22.80	22.89	22.88	24.0	0.0
15	QPSK	36	43	21.76	21.88	21.81	23.0	1.0
15	QPSK	75	0	21.80	21.96	21.86		
15	16QAM	1	1	22.20	22.24	22.13	23.0	1.0
15	64QAM	1	1	20.08	20.11	20.08	21.5	2.5
15	256QAM	1	1	18.50	18.59	18.57	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.82	22.74	22.83	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.90	22.76	22.79	24.0	0.0

n14 Ant 0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		22.91		24.0	0.0
10	PI/2 BPSK	1	26		22.95			
10	PI/2 BPSK	1	50		22.92			
10	PI/2 BPSK	25	0		22.47		23.5	0.5
10	PI/2 BPSK	25	14		23.01		24.0	0.0
10	PI/2 BPSK	25	27		22.39		23.5	0.5
10	PI/2 BPSK	50	0		22.33			
10	QPSK	1	1		23.08		24.0	0.0
10	QPSK	1	26		22.95			
10	QPSK	1	50		22.98			
10	QPSK	25	0		22.02		23.0	1.0
10	QPSK	25	14		22.98		24.0	0.0
10	QPSK	25	27		22.09		23.0	1.0
10	QPSK	50	0		22.13			
10	16QAM	1	1		22.11		23.0	1.0
10	64QAM	1	1		20.62		21.5	2.5
10	256QAM	1	1		18.63		19.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	22.88	22.99	22.96	24.0	0.0

n25 Ant 0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.29	23.37	23.28	24.0	0.0
40	PI/2 BPSK	1	108	23.23	23.35	23.26		
40	PI/2 BPSK	1	214	23.10	23.23	23.14		
40	PI/2 BPSK	108	0	22.87	22.97	22.89	23.5	0.5
40	PI/2 BPSK	108	54	23.18	23.32	23.21	24.0	0.0
40	PI/2 BPSK	108	108	22.81	22.94	22.87	23.5	0.5
40	PI/2 BPSK	216	0	22.89	22.98	22.87		
40	QPSK	1	1	23.36	23.42	23.30	24.0	0.0
40	QPSK	1	108	23.25	23.33	23.20		
40	QPSK	1	214	23.21	23.27	23.19		
40	QPSK	108	0	22.40	22.47	22.38	23.0	1.0
40	QPSK	108	54	23.19	23.33	23.24	24.0	0.0
40	QPSK	108	108	22.30	22.38	22.28	23.0	1.0
40	QPSK	216	0	22.36	22.46	22.31		
40	16QAM	1	1	22.60	22.67	22.53	23.0	1.0
40	64QAM	1	1	20.70	20.82	20.73	21.5	2.5
40	256QAM	1	1	19.05	19.12	19.03	19.5	4.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.23	23.37	23.22	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.29	23.27	23.16	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.29	23.33	23.17	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.23	23.31	23.20	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.24	23.34	23.23	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.29	23.28	23.20	24.0	0.0

n26 Ant 0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.98	23.13	23.07	24.0	0.0
20	PI/2 BPSK	1	53	22.97	23.11	22.99		
20	PI/2 BPSK	1	104	22.98	23.08	22.93		
20	PI/2 BPSK	50	0	22.67	22.77	22.63	23.5	0.5
20	PI/2 BPSK	50	28	23.06	23.11	23.03	24.0	0.0
20	PI/2 BPSK	50	56	22.63	22.75	22.67	23.5	0.5
20	PI/2 BPSK	100	0	22.69	22.78	22.67		
20	QPSK	1	1	23.12	23.17	23.09	24.0	0.0
20	QPSK	1	53	23.08	23.14	23.08		
20	QPSK	1	104	22.97	23.11	23.04		
20	QPSK	50	0	22.10	22.24	22.12	23.0	1.0
20	QPSK	50	28	23.06	23.15	23.07	24.0	0.0
20	QPSK	50	56	22.00	22.13	22.06	23.0	1.0
20	QPSK	100	0	22.19	22.28	22.19		
20	16QAM	1	1	22.29	22.42	22.28	23.0	1.0
20	64QAM	1	1	20.44	20.57	20.48	21.5	2.5
20	256QAM	1	1	18.72	18.86	18.81	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.98	23.11	22.96	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.05	23.08	23.00	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.98	23.05	22.98	24.0	0.0

n66 Ant 0 DSI2 sig path: 174

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.64	22.82	22.69	24.0	0.0
40	PI/2 BPSK	1	108	22.81	22.85	22.72		
40	PI/2 BPSK	1	214	22.51	22.63	22.54		
40	PI/2 BPSK	108	0	22.33	22.46	22.27	23.5	0.5
40	PI/2 BPSK	108	54	22.54	22.69	22.52	24.0	0.0
40	PI/2 BPSK	108	108	22.09	22.29	22.21	23.5	0.5
40	PI/2 BPSK	216	0	22.30	22.43	22.39		
40	QPSK	1	1	22.92	22.93	22.75	24.0	0.0
40	QPSK	1	108	22.67	22.86	22.85		
40	QPSK	1	214	22.53	22.61	22.46		
40	QPSK	108	0	21.86	21.99	21.95	23.0	1.0
40	QPSK	108	54	22.68	22.88	22.82	24.0	0.0
40	QPSK	108	108	21.72	21.81	21.73	23.0	1.0
40	QPSK	216	0	21.64	21.82	21.71		
40	16QAM	1	1	21.88	22.03	21.90	23.0	1.0
40	64QAM	1	1	19.88	20.07	19.92	21.5	2.5
40	256QAM	1	1	18.43	18.48	18.38	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.84	22.75	22.70	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.88	22.81	22.74	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.75	22.90	22.75	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.90	22.89	22.59	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.77	22.75	22.72	24.0	0.0

n66 Ant 0 DSI2 sig path: 432

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.69	22.88	22.77	24.0	0.0
40	PI/2 BPSK	1	108	22.56	22.69	22.66		
40	PI/2 BPSK	1	214	22.27	22.47	22.43		
40	PI/2 BPSK	108	0	22.22	22.31	22.25	23.5	0.5
40	PI/2 BPSK	108	54	22.45	22.57	22.56	24.0	0.0
40	PI/2 BPSK	108	108	22.05	22.11	22.05	23.5	0.5
40	PI/2 BPSK	216	0	22.12	22.29	22.24		
40	QPSK	1	1	22.87	22.92	22.85	24.0	0.0
40	QPSK	1	108	22.64	22.71	22.63		
40	QPSK	1	214	22.42	22.48	22.43		
40	QPSK	108	0	21.85	21.91	21.80	23.0	1.0
40	QPSK	108	54	22.82	22.89	22.80	24.0	0.0
40	QPSK	108	108	21.50	21.62	21.59	23.0	1.0
40	QPSK	216	0	21.74	21.82	21.71		
40	16QAM	1	1	21.73	21.89	21.84	23.0	1.0
40	64QAM	1	1	20.02	20.04	19.95	21.5	2.5
40	256QAM	1	1	18.26	18.41	18.33	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.76	22.89	22.85	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.69	22.89	22.83	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.67	22.89	22.70	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.70	22.78	22.70	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.70	22.80	22.66	24.0	0.0

n70 Ant 0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		22.56		24.0	0.0
15	PI/2 BPSK	1	40		22.33			
15	PI/2 BPSK	1	77		22.39			
15	PI/2 BPSK	36	0		21.78		23.5	0.5
15	PI/2 BPSK	36	22		22.24		24.0	0.0
15	PI/2 BPSK	36	43		21.95		23.5	0.5
15	PI/2 BPSK	75	0		21.77			
15	QPSK	1	1		22.59		24.0	0.0
15	QPSK	1	40		22.29			
15	QPSK	1	77		22.47			
15	QPSK	36	0		21.36		23.0	1.0
15	QPSK	36	22		22.45		24.0	0.0
15	QPSK	36	43		21.41		23.0	1.0
15	QPSK	75	0		21.45			
15	16QAM	1	1		21.82		23.0	1.0
15	64QAM	1	1		19.93		21.5	2.5
	256QAM	1	1		18.16		19.5	4.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	22.44	22.53	22.48	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	22.40	22.45	22.39	24.0	0.0

n71 Ant 0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.07	23.21	23.12	24.0	0.0
20	PI/2 BPSK	1	53	23.03	23.15	23.01		
20	PI/2 BPSK	1	104	23.02	23.10	22.95		
20	PI/2 BPSK	50	0	22.67	22.73	22.64	23.5	0.5
20	PI/2 BPSK	50	28	23.01	23.11	23.04	24.0	0.0
20	PI/2 BPSK	50	56	22.52	22.62	22.57	23.5	0.5
20	PI/2 BPSK	100	0	22.70	22.77	22.62		
20	QPSK	1	1	23.13	23.24	23.18	24.0	0.0
20	QPSK	1	53	23.10	23.21	23.15		
20	QPSK	1	104	23.00	23.13	23.06		
20	QPSK	50	0	22.14	22.24	22.15	23.0	1.0
20	QPSK	50	28	23.06	23.18	23.06	24.0	0.0
20	QPSK	50	56	21.97	22.11	21.97	23.0	1.0
20	QPSK	100	0	22.10	22.23	22.17		
20	16QAM	1	1	22.37	22.47	22.39	23.0	1.0
20	64QAM	1	1	20.46	20.60	20.54	21.5	2.5
20	256QAM	1	1	18.87	18.99	18.94	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.98	23.10	23.04	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.01	23.13	23.08	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.99	23.11	23.05	24.0	0.0

n7 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.31	23.41	23.39	24.0	0.0
40	PI/2 BPSK	1	108	23.21	23.35	23.29		
40	PI/2 BPSK	1	214	23.20	23.31	23.19		
40	PI/2 BPSK	108	0	22.85	22.94	22.84	23.5	0.5
40	PI/2 BPSK	108	54	23.23	23.34	23.22	24.0	0.0
40	PI/2 BPSK	108	108	22.92	23.01	22.89	23.5	0.5
40	PI/2 BPSK	216	0	22.96	23.02	22.91		
40	QPSK	1	1	23.35	23.45	23.36	24.0	0.0
40	QPSK	1	108	23.12	23.27	23.17		
40	QPSK	1	214	23.25	23.37	23.29		
40	QPSK	108	0	22.36	22.42	22.30	23.0	1.0
40	QPSK	108	54	23.26	23.38	23.26	24.0	0.0
40	QPSK	108	108	22.37	22.44	22.33	23.0	1.0
40	QPSK	216	0	22.35	22.50	22.43		
40	16QAM	1	1	22.43	22.51	22.37	23.0	1.0
40	64QAM	1	1	20.39	20.52	20.41	21.5	2.5
40	256QAM	1	1	18.81	18.94	18.83	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.23	23.36	23.29	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.28	23.31	23.22	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.29	23.37	23.27	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.27	23.35	23.25	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.27	23.40	23.30	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.28	23.40	23.27	24.0	0.0

n30 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					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.32		24.0	0.0
10	PI/2 BPSK	1	26		23.26			
10	PI/2 BPSK	1	50		23.22			
10	PI/2 BPSK	25	0		22.79		23.5	0.5
10	PI/2 BPSK	25	14		23.22		24.0	0.0
10	PI/2 BPSK	25	27		22.78		23.5	0.5
10	PI/2 BPSK	50	0		22.83			
10	QPSK	1	1		23.39		24.0	0.0
10	QPSK	1	26		23.31			
10	QPSK	1	50		23.27			
10	QPSK	25	0		22.29		23.0	1.0
10	QPSK	25	14		23.32		24.0	0.0
10	QPSK	25	27		22.23		23.0	1.0
10	QPSK	50	0		22.27			
10	16QAM	1	1		22.20		23.0	1.0
10	64QAM	1	1		20.29		21.5	2.5
10	256QAM	1	1		18.74		19.5	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.22	23.25	23.21	24.0	0.0

n41 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.69	22.78	22.74	24.0	0.0
100	PI/2 BPSK	1	137	22.39	22.46	22.40		
100	PI/2 BPSK	1	271	22.38	22.47	22.34		
100	PI/2 BPSK	135	0	22.57	22.71	22.59	23.5	0.5
100	PI/2 BPSK	135	69	22.43	22.52	22.41	24.0	0.0
100	PI/2 BPSK	135	138	22.35	22.45	22.33	23.5	0.5
100	PI/2 BPSK	270	0	22.35	22.46	22.33		
100	QPSK	1	1	22.88	22.95	22.86	24.0	0.0
100	QPSK	1	137	22.46	22.59	22.52		
100	QPSK	1	271	22.41	22.55	22.45		
100	QPSK	135	0	21.74	21.87	21.72	23.0	1.0
100	QPSK	135	69	22.74	22.89	22.74	24.0	0.0
100	QPSK	135	138	21.36	21.48	21.42	23.0	1.0
100	QPSK	270	0	21.42	21.53	21.40		
100	16QAM	1	1	21.80	21.88	21.75	23.0	1.0
100	64QAM	1	1	20.11	20.22	20.10	21.5	2.5
100	256QAM	1	1	18.33	18.47	18.38	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.74	22.81	22.72	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.74	22.85	22.75	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.73	22.85	22.77	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.73	22.84	22.76	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.75	22.88	22.79	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.77	22.83	22.79	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.79	22.88	22.80	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.74	22.80	22.79	24.0	0.0

n41 PC2 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.82	25.88	25.75	27.0	0.0
100	PI/2 BPSK	1	137	25.76	25.85	25.71		
100	PI/2 BPSK	1	271	25.72	25.80	25.70		
100	PI/2 BPSK	135	0	25.54	25.69	25.57	26.5	0.5
100	PI/2 BPSK	135	69	25.71	25.82	25.68	27.0	0.0
100	PI/2 BPSK	135	138	25.63	25.71	25.63	26.5	0.5
100	PI/2 BPSK	270	0	25.70	25.77	25.64		
100	QPSK	1	1	25.85	25.92	25.79	27.0	0.0
100	QPSK	1	137	25.74	25.87	25.75		
100	QPSK	1	271	25.70	25.83	25.70		
100	QPSK	135	0	25.68	25.76	25.65	26.0	1.0
100	QPSK	135	69	25.75	25.85	25.72	27.0	0.0
100	QPSK	135	138	25.61	25.67	25.57	26.0	1.0
100	QPSK	270	0	25.65	25.76	25.67		
100	16QAM	1	1	25.59	25.66	25.58	26.0	1.0
100	64QAM	1	1	24.02	24.14	24.01	24.5	2.5
100	256QAM	1	1	21.83	21.97	21.85	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.73	25.85	25.72	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.73	25.79	25.69	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.78	25.82	25.66	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.77	25.81	25.73	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.73	25.82	25.65	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.75	25.87	25.73	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.71	25.85	25.70	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.77	25.79	25.72	27.0	0.0

Part27O n77 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.25	19.34	19.27	21.0	0.0
100	PI/2 BPSK	1	137	19.16	19.29	19.18		
100	PI/2 BPSK	1	271	19.24	19.31	19.24		
100	PI/2 BPSK	135	0	18.79	18.86	18.73	20.5	0.5
100	PI/2 BPSK	135	69	19.19	19.30	19.16	21.0	0.0
100	PI/2 BPSK	135	138	18.85	18.90	18.80	20.5	0.5
100	PI/2 BPSK	270	0	18.87	18.99	18.91		
100	QPSK	1	1	19.35	19.41	19.30	21.0	0.0
100	QPSK	1	137	19.21	19.35	19.28		
100	QPSK	1	271	19.23	19.30	19.24		
100	QPSK	135	0	18.32	18.38	18.31	20.0	1.0
100	QPSK	135	69	19.28	19.33	19.20	21.0	0.0
100	QPSK	135	138	18.30	18.39	18.24	20.0	1.0
100	QPSK	270	0	18.33	18.43	18.29		
100	16QAM	1	1	18.01	18.11	18.06	20.0	1.0
100	64QAM	1	1	16.85	16.96	16.83	18.5	2.5
100	256QAM	1	1	14.68	14.78	14.71	16.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.22	19.28	19.18	21.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.28	19.30	19.21	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.28	19.34	19.22	21.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.23	19.29	19.18	21.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.24	19.34	19.22	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.28	19.29	19.17	21.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.28	19.35	19.25	21.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.20	19.31	19.19	21.0	0.0

Part27O n77 PC2 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.18	22.31	22.10	24.0	0.0
100	PI/2 BPSK	1	137	22.13	22.23	22.08		
100	PI/2 BPSK	1	271	22.09	22.16	22.17		
100	PI/2 BPSK	135	0	22.11	22.19	22.00	23.5	0.5
100	PI/2 BPSK	135	69	22.18	22.27	22.08	24.0	0.0
100	PI/2 BPSK	135	138	22.11	22.23	21.97	23.5	0.5
100	PI/2 BPSK	270	0	22.18	22.29	22.08		
100	QPSK	1	1	22.26	22.34	22.18	24.0	0.0
100	QPSK	1	137	22.18	22.30	22.11		
100	QPSK	1	271	22.15	22.20	22.04		
100	QPSK	135	0	21.79	21.98	21.92	23.0	1.0
100	QPSK	135	69	22.19	22.28	22.08	24.0	0.0
100	QPSK	135	138	21.89	21.95	21.82	23.0	1.0
100	QPSK	270	0	21.94	21.99	21.83		
100	16QAM	1	1	21.87	21.96	21.72	23.0	1.0
100	64QAM	1	1	20.46	20.42	20.37	21.5	2.5
100	256QAM	1	1	18.42	18.47	18.28	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.15	22.24	22.12	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.12	22.20	22.11	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.18	22.27	22.10	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.18	22.27	22.06	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.18	22.22	22.04	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.18	22.29	22.13	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.15	22.21	22.03	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.24	22.29	22.22	24.0	0.0

Part27Q n77 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.43		21.0	0.0
100	PI/2 BPSK	1	137		20.39			
100	PI/2 BPSK	1	271		20.21			
100	PI/2 BPSK	135	0		19.87		20.5	0.5
100	PI/2 BPSK	135	69		20.38		21.0	0.0
100	PI/2 BPSK	135	138		19.81		20.5	0.5
100	PI/2 BPSK	270	0		19.83			
100	QPSK	1	1		20.47		21.0	0.0
100	QPSK	1	137		20.41			
100	QPSK	1	271		20.32			
100	QPSK	135	0		19.38		20.0	1.0
100	QPSK	135	69		20.41		21.0	0.0
100	QPSK	135	138		19.26		20.0	1.0
100	QPSK	270	0		19.33			
100	16QAM	1	1		19.36		20.0	1.0
100	64QAM	1	1		17.87		18.5	2.5
100	256QAM	1	1		15.74		16.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.32	20.39	20.35	21.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.30	20.42	20.27	21.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.35	20.32	20.33	21.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.33	20.41	20.27	21.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.36	20.32	20.30	21.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.29	20.42	20.30	21.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.31	20.35	20.25	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.31	20.34	20.29	21.0	0.0

Part27Q n77 PC2 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.35		24.0	0.0
100	PI/2 BPSK	1	137		23.27			
100	PI/2 BPSK	1	271		23.02			
100	PI/2 BPSK	135	0		23.28		23.5	0.5
100	PI/2 BPSK	135	69		23.30		24.0	0.0
100	PI/2 BPSK	135	138		22.98		23.5	0.5
100	PI/2 BPSK	270	0		23.03			
100	QPSK	1	1		23.39		24.0	0.0
100	QPSK	1	137		23.31			
100	QPSK	1	271		22.78			
100	QPSK	135	0		22.11		23.0	1.0
100	QPSK	135	69		23.32		24.0	0.0
100	QPSK	135	138		22.79		23.0	1.0
100	QPSK	270	0		22.84			
100	16QAM	1	1		22.34		23.0	1.0
100	64QAM	1	1		21.46		21.5	2.5
100	256QAM	1	1		18.51		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.22	23.29	23.17	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.19	23.27	23.24	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.22	23.32	23.23	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.26	23.29	23.25	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.25	23.31	23.24	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.21	23.27	23.16	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.24	23.29	23.15	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.21	23.30	23.25	24.0	0.0

Part27O n78 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.67		21.0	0.0
100	PI/2 BPSK	1	137		19.64			
100	PI/2 BPSK	1	271		19.59			
100	PI/2 BPSK	135	0		19.24		20.5	0.5
100	PI/2 BPSK	135	69		19.72		21.0	0.0
100	PI/2 BPSK	135	138		19.17		20.5	0.5
100	PI/2 BPSK	270	0		19.21			
100	QPSK	1	1		19.73		21.0	0.0
100	QPSK	1	137		19.69			
100	QPSK	1	271		19.63			
100	QPSK	135	0		18.72		20.0	1.0
100	QPSK	135	69		19.66		21.0	0.0
100	QPSK	135	138		18.67		20.0	1.0
100	QPSK	270	0		18.92			
100	16QAM	1	1		18.66		20.0	1.0
100	64QAM	1	1		17.22		18.5	2.5
100	256QAM	1	1		15.06		16.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.55	19.64	19.58	21.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.58	19.59	19.53	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.59	19.62	19.56	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.59	19.67	19.59	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.56	19.63	19.56	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.64	19.65	19.52	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.61	19.68	19.51	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.59	19.58	19.52	21.0	0.0

Part27O n78 PC2 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.75		24.0	0.0
100	PI/2 BPSK	1	137		22.70			
100	PI/2 BPSK	1	271		22.62			
100	PI/2 BPSK	135	0		22.57		23.5	0.5
100	PI/2 BPSK	135	69		22.71		24.0	0.0
100	PI/2 BPSK	135	138		22.52		23.5	0.5
100	PI/2 BPSK	270	0		22.56			
100	QPSK	1	1		22.78		24.0	0.0
100	QPSK	1	137		22.71			
100	QPSK	1	271		22.65			
100	QPSK	135	0		22.01		23.0	1.0
100	QPSK	135	69		22.73		24.0	0.0
100	QPSK	135	138		22.02		23.0	1.0
100	QPSK	270	0		22.06			
100	16QAM	1	1		21.83		23.0	1.0
100	64QAM	1	1		20.45		21.5	2.5
100	256QAM	1	1		18.62		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.66	22.65	22.56	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.62	22.73	22.59	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.62	22.71	22.56	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.69	22.65	22.62	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.60	22.72	22.61	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.61	22.65	22.55	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.61	22.70	22.57	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.61	22.67	22.58	24.0	0.0

Part27Q n78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.73		21.0	0.0
100	PI/2 BPSK	1	137		20.69			
100	PI/2 BPSK	1	271		20.15			
100	PI/2 BPSK	135	0		20.28		20.5	0.5
100	PI/2 BPSK	135	69		20.66		21.0	0.0
100	PI/2 BPSK	135	138		20.01		20.5	0.5
100	PI/2 BPSK	270	0		20.06			
100	QPSK	1	1		20.77		21.0	0.0
100	QPSK	1	137		20.71			
100	QPSK	1	271		20.22			
100	QPSK	135	0		19.75		20.0	1.0
100	QPSK	135	69		20.70		21.0	0.0
100	QPSK	135	138		19.52		20.0	1.0
100	QPSK	270	0		19.58			
100	16QAM	1	1		19.74		20.0	1.0
100	64QAM	1	1		18.34		18.5	2.5
100	256QAM	1	1		16.15		16.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.66	20.69	20.62	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.65	20.68	20.55	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.64	20.71	20.56	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.57	20.63	20.58	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.66	20.68	20.57	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.62	20.68	20.60	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.61	20.66	20.54	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.59	20.70	20.60	21.0	0.0

Part27Q n78 PC2 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.67		24.0	0.0
100	PI/2 BPSK	1	137		23.63			
100	PI/2 BPSK	1	271		23.15			
100	PI/2 BPSK	135	0		23.15		23.5	0.5
100	PI/2 BPSK	135	69		23.62		24.0	0.0
100	PI/2 BPSK	135	138		23.41		23.5	0.5
100	PI/2 BPSK	270	0		23.46			
100	QPSK	1	1		23.72		24.0	0.0
100	QPSK	1	137		23.69			
100	QPSK	1	271		23.18			
100	QPSK	135	0		22.78		23.0	1.0
100	QPSK	135	69		23.67		24.0	0.0
100	QPSK	135	138		22.88		23.0	1.0
100	QPSK	270	0		22.95			
100	16QAM	1	1		22.75		23.0	1.0
100	64QAM	1	1		20.63		21.5	2.5
100	256QAM	1	1		18.74		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.56	23.63	23.53	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.53	23.63	23.59	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.59	23.64	23.52	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.56	23.61	23.54	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.57	23.66	23.52	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.61	23.58	23.57	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.59	23.64	23.52	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.59	23.60	23.55	24.0	0.0

n41 Ant 2 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.88	22.94	22.65	24.0	0.0
100	PI/2 BPSK	1	137	22.35	22.49	22.13		
100	PI/2 BPSK	1	271	22.12	22.18	22.09		
100	PI/2 BPSK	135	0	22.15	22.22	22.00	23.5	0.5
100	PI/2 BPSK	135	69	22.26	22.39	22.10	24.0	0.0
100	PI/2 BPSK	135	138	21.71	21.79	21.52	23.5	0.5
100	PI/2 BPSK	270	0	21.92	21.98	21.73		
100	QPSK	1	1	22.92	22.98	22.73	24.0	0.0
100	QPSK	1	137	22.46	22.55	22.25		
100	QPSK	1	271	22.05	22.12	22.08		
100	QPSK	135	0	21.70	21.76	21.50	23.0	1.0
100	QPSK	135	69	22.35	22.45	22.15	24.0	0.0
100	QPSK	135	138	21.31	21.46	21.14	23.0	1.0
100	QPSK	270	0	21.41	21.51	21.19		
100	16QAM	1	1	22.10	22.16	21.94	23.0	1.0
100	64QAM	1	1	20.41	20.54	20.23	21.5	2.5
100	256QAM	1	1	18.50	18.58	18.32	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.84	22.85	22.62	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.85	22.88	22.63	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.79	22.92	22.62	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.86	22.93	22.68	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.84	22.89	22.64	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.77	22.83	22.60	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.83	22.92	22.66	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.77	22.90	22.58	24.0	0.0

n41 PC2 Ant 2 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.82	25.89	25.79	27.0	0.0
100	PI/2 BPSK	1	137	25.46	25.57	25.45		
100	PI/2 BPSK	1	271	25.23	25.29	25.15		
100	PI/2 BPSK	135	0	25.52	25.64	25.55	26.5	0.5
100	PI/2 BPSK	135	69	25.36	25.44	25.34	27.0	0.0
100	PI/2 BPSK	135	138	24.95	25.10	25.04	26.5	0.5
100	PI/2 BPSK	270	0	25.34	25.41	25.31		
100	QPSK	1	1	25.86	25.94	25.83	27.0	0.0
100	QPSK	1	137	25.52	25.65	25.57		
100	QPSK	1	271	25.07	25.18	25.12		
100	QPSK	135	0	25.58	25.73	25.65	26.0	1.0
100	QPSK	135	69	25.40	25.48	25.34	27.0	0.0
100	QPSK	135	138	25.03	25.13	24.99	26.0	1.0
100	QPSK	270	0	25.23	25.38	25.30		
100	16QAM	1	1	25.35	25.43	25.37	26.0	1.0
100	64QAM	1	1	23.92	23.98	23.84	24.5	2.5
100	256QAM	1	1	21.82	21.89	21.78	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.74	25.84	25.77	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.76	25.89	25.74	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.72	25.83	25.69	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.74	25.87	25.78	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.78	25.80	25.68	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.75	25.83	25.71	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.72	25.80	25.75	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.77	25.87	25.69	27.0	0.0

Part27O n77 Ant 2 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.92	21.07	21.00	22.0	0.0
100	PI/2 BPSK	1	137	20.87	21.01	20.93		
100	PI/2 BPSK	1	271	20.83	20.96	20.91		
100	PI/2 BPSK	135	0	20.63	20.69	20.61	21.5	0.5
100	PI/2 BPSK	135	69	20.97	21.03	20.90	22.0	0.0
100	PI/2 BPSK	135	138	20.54	20.60	20.49	21.5	0.5
100	PI/2 BPSK	270	0	20.49	20.64	20.50		
100	QPSK	1	1	21.05	21.11	21.01	22.0	0.0
100	QPSK	1	137	20.96	21.07	20.94		
100	QPSK	1	271	20.93	21.00	20.91		
100	QPSK	135	0	20.07	20.15	20.07	21.0	1.0
100	QPSK	135	69	20.97	21.08	20.94	22.0	0.0
100	QPSK	135	138	20.02	20.09	19.95	21.0	1.0
100	QPSK	270	0	20.00	20.13	20.05		
100	16QAM	1	1	19.96	20.11	20.01	21.0	1.0
100	64QAM	1	1	18.74	18.89	18.77	19.5	2.5
100	256QAM	1	1	16.58	16.73	16.62	17.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.98	20.96	20.90	22.0	0.0
Channel				648334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.92	21.03	20.91	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.92	21.05	20.96	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.98	21.01	20.94	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.91	21.04	20.91	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.00	21.03	20.92	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.98	20.99	20.92	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.95	21.05	20.90	22.0	0.0

Part27O n77 PC2 Ant 2 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.92	24.07	23.98	25.0	0.0
100	PI/2 BPSK	1	137	23.88	24.02	23.91		
100	PI/2 BPSK	1	271	23.86	23.98	23.92		
100	PI/2 BPSK	135	0	23.84	23.93	23.78	24.5	0.5
100	PI/2 BPSK	135	69	23.94	24.01	23.91	25.0	0.0
100	PI/2 BPSK	135	138	23.76	23.87	23.72	24.5	0.5
100	PI/2 BPSK	270	0	23.88	23.94	23.85		
100	QPSK	1	1	23.97	24.11	24.06	25.0	0.0
100	QPSK	1	137	23.92	24.04	23.97		
100	QPSK	1	271	23.87	24.01	23.93		
100	QPSK	135	0	23.83	23.96	23.85	24.0	1.0
100	QPSK	135	69	23.94	24.05	23.97	25.0	0.0
100	QPSK	135	138	23.81	23.90	23.75	24.0	1.0
100	QPSK	270	0	23.85	23.98	23.92		
100	16QAM	1	1	23.87	23.96	23.85	24.0	1.0
100	64QAM	1	1	21.67	21.81	21.66	22.5	2.5
100	256QAM	1	1	19.75	19.85	19.78	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.87	24.02	23.94	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.86	23.98	23.99	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.91	23.97	23.94	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.84	24.00	23.94	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.89	24.06	23.95	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.83	24.06	23.92	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.92	24.00	23.96	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.91	24.03	23.95	25.0	0.0

Part27Q n77 Ant 2 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.37		22.0	0.0
100	PI/2 BPSK	1	137		21.30			
100	PI/2 BPSK	1	271		21.32			
100	PI/2 BPSK	135	0		20.97		21.5	0.5
100	PI/2 BPSK	135	69		21.31		22.0	0.0
100	PI/2 BPSK	135	138		20.83		21.5	0.5
100	PI/2 BPSK	270	0		20.89			
100	QPSK	1	1		21.41		22.0	0.0
100	QPSK	1	137		21.36			
100	QPSK	1	271		21.28			
100	QPSK	135	0		20.44		21.0	1.0
100	QPSK	135	69		21.35		22.0	0.0
100	QPSK	135	138		20.26		21.0	1.0
100	QPSK	270	0		20.32			
100	16QAM	1	1		20.49		21.0	1.0
100	64QAM	1	1		19.11		19.5	2.5
100	256QAM	1	1		16.77		17.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.23	21.30	21.28	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.28	21.29	21.28	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.31	21.28	21.22	22.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.27	21.26	21.19	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.27	21.32	21.20	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.30	21.26	21.21	22.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.21	21.28	21.18	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.21	21.26	21.23	22.0	0.0

Part27Q n77 PC2 Ant 2 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.27		25.0	0.0
100	PI/2 BPSK	1	137		24.21			
100	PI/2 BPSK	1	271		24.16			
100	PI/2 BPSK	135	0		24.20		24.5	0.5
100	PI/2 BPSK	135	69		24.23		25.0	0.0
100	PI/2 BPSK	135	138		24.14		24.5	0.5
100	PI/2 BPSK	270	0		24.21			
100	QPSK	1	1		24.34		25.0	0.0
100	QPSK	1	137		24.29			
100	QPSK	1	271		24.21			
100	QPSK	135	0		22.87		24.0	1.0
100	QPSK	135	69		24.21		25.0	0.0
100	QPSK	135	138		23.02		24.0	1.0
100	QPSK	270	0		23.09			
100	16QAM	1	1		22.07		24.0	1.0
100	64QAM	1	1		20.61		22.5	2.5
100	256QAM	1	1		19.78		20.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.20	24.23	24.18	25.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.18	24.20	24.17	25.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.20	24.22	24.16	25.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.22	24.29	24.15	25.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.21	24.28	24.19	25.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.18	24.25	24.13	25.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.15	24.27	24.17	25.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.16	24.20	24.17	25.0	0.0

Part27O n78 Ant 2 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.58		23.0	0.0
100	PI/2 BPSK	1	137		21.47			
100	PI/2 BPSK	1	271		21.41			
100	PI/2 BPSK	135	0		20.99		22.5	0.5
100	PI/2 BPSK	135	69		21.51		23.0	0.0
100	PI/2 BPSK	135	138		21.01		22.5	0.5
100	PI/2 BPSK	270	0		21.05			
100	QPSK	1	1		21.63		23.0	0.0
100	QPSK	1	137		21.55			
100	QPSK	1	271		21.43			
100	QPSK	135	0		20.61		22.0	1.0
100	QPSK	135	69		21.52		23.0	0.0
100	QPSK	135	138		20.55		22.0	1.0
100	QPSK	270	0		20.61			
100	16QAM	1	1		20.47		22.0	1.0
100	64QAM	1	1		19.11		20.5	2.5
100	256QAM	1	1		16.83		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.48	21.54	21.43	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.52	21.55	21.43	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.53	21.48	21.48	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.46	21.54	21.38	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.44	21.51	21.46	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.54	21.50	21.37	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.47	21.52	21.38	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.44	21.56	21.40	23.0	0.0

Part27O n78 PC2 Ant 2 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.47		26.0	0.0
100	PI/2 BPSK	1	137		24.41			
100	PI/2 BPSK	1	271		24.39			
100	PI/2 BPSK	135	0		24.40		25.5	0.5
100	PI/2 BPSK	135	69		24.42		26.0	0.0
100	PI/2 BPSK	135	138		24.29		25.5	0.5
100	PI/2 BPSK	270	0		24.35			
100	QPSK	1	1		24.54		26.0	0.0
100	QPSK	1	137		24.46			
100	QPSK	1	271		24.52			
100	QPSK	135	0		24.37		25.0	1.0
100	QPSK	135	69		24.48		26.0	0.0
100	QPSK	135	138		24.31		25.0	1.0
100	QPSK	270	0		24.40			
100	16QAM	1	1		23.28		25.0	1.0
100	64QAM	1	1		22.03		23.5	2.5
100	256QAM	1	1		20.66		21.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.39	24.46	24.39	26.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.45	24.49	24.31	26.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.35	24.39	24.36	26.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.40	24.49	24.39	26.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.35	24.45	24.30	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.40	24.41	24.33	26.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.46	24.43	24.29	26.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.34	24.42	24.39	26.0	0.0

Part27Q n78 Ant 2 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.79		23.0	0.0
100	PI/2 BPSK	1	137		21.73			
100	PI/2 BPSK	1	271		21.55			
100	PI/2 BPSK	135	0		21.26		22.5	0.5
100	PI/2 BPSK	135	69		21.72		23.0	0.0
100	PI/2 BPSK	135	138		21.19		22.5	0.5
100	PI/2 BPSK	270	0		21.25			
100	QPSK	1	1		21.82		23.0	0.0
100	QPSK	1	137		21.75			
100	QPSK	1	271		21.68			
100	QPSK	135	0		20.78		22.0	1.0
100	QPSK	135	69		21.76		23.0	0.0
100	QPSK	135	138		20.60		22.0	1.0
100	QPSK	270	0		20.69			
100	16QAM	1	1		20.75		22.0	1.0
100	64QAM	1	1		19.45		20.5	2.5
100	256QAM	1	1		17.11		18.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.64	21.78	21.60	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.70	21.70	21.56	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.67	21.69	21.61	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.71	21.73	21.58	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.65	21.76	21.62	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.63	21.73	21.56	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.65	21.70	21.63	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.64	21.78	21.61	23.0	0.0

Part27Q n78 PC2 Ant 2 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.72		26.0	0.0
100	PI/2 BPSK	1	137		24.70			
100	PI/2 BPSK	1	271		24.64			
100	PI/2 BPSK	135	0		24.60		25.5	0.5
100	PI/2 BPSK	135	69		24.68		26.0	0.0
100	PI/2 BPSK	135	138		24.54		25.5	0.5
100	PI/2 BPSK	270	0		24.60			
100	QPSK	1	1		24.78		26.0	0.0
100	QPSK	1	137		24.73			
100	QPSK	1	271		24.65			
100	QPSK	135	0		24.28		25.0	1.0
100	QPSK	135	69		24.74		26.0	0.0
100	QPSK	135	138		24.35		25.0	1.0
100	QPSK	270	0		24.43			
100	16QAM	1	1		23.91		25.0	1.0
100	64QAM	1	1		22.48		23.5	2.5
100	256QAM	1	1		21.38		21.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.62	24.72	24.55	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.65	24.68	24.54	26.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.60	24.65	24.61	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.66	24.70	24.53	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.57	24.69	24.55	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.57	24.66	24.59	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.63	24.70	24.51	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.64	24.68	24.61	26.0	0.0

n2 Ant 4 DSI2 Sig path：164

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.49	16.52	16.49	17.5	0.0
20	PI/2 BPSK	1	53	16.41	16.54	16.49		
20	PI/2 BPSK	1	104	16.38	16.66	16.51		
20	PI/2 BPSK	50	0	16.49	16.46	16.50	17.5	0.0
20	PI/2 BPSK	50	28	16.68	16.56	16.43	17.5	0.0
20	PI/2 BPSK	50	56	16.42	16.42	16.47	17.5	0.0
20	PI/2 BPSK	100	0	16.60	16.61	16.49		
20	QPSK	1	1	16.70	16.78	16.65	17.5	0.0
20	QPSK	1	53	16.49	16.65	16.49		
20	QPSK	1	104	16.46	16.39	16.38		
20	QPSK	50	0	16.42	16.66	16.61	17.5	0.0
20	QPSK	50	28	16.67	16.73	16.72	17.5	0.0
20	QPSK	50	56	16.50	16.58	16.48	17.5	0.0
20	QPSK	100	0	16.55	16.61	16.60		
20	16QAM	1	1	16.43	16.33	16.55	17.5	0.0
20	64QAM	1	1	16.51	16.61	16.41	17.5	0.0
20	256QAM	1	1	16.54	16.49	16.45	17.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.67	16.71	16.46	17.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.54	16.59	16.58	17.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.65	16.68	16.52	17.5	0.0

n2 Ant 4 Sig path：429

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.72	16.68	16.78	17.5	0.0
20	PI/2 BPSK	1	53	16.62	16.70	16.47		
20	PI/2 BPSK	1	104	16.57	16.73	16.54		
20	PI/2 BPSK	50	0	16.64	16.62	16.49	17.5	0.0
20	PI/2 BPSK	50	28	16.76	16.55	16.58	17.5	0.0
20	PI/2 BPSK	50	56	16.52	16.59	16.58	17.5	0.0
20	PI/2 BPSK	100	0	16.62	16.77	16.70		
20	QPSK	1	1	16.80	16.89	16.73	17.5	0.0
20	QPSK	1	53	16.66	16.58	16.77		
20	QPSK	1	104	16.58	16.56	16.61		
20	QPSK	50	0	16.66	16.75	16.68	17.5	0.0
20	QPSK	50	28	16.75	16.84	16.80	17.5	0.0
20	QPSK	50	56	16.77	16.70	16.53	17.5	0.0
20	QPSK	100	0	16.65	16.78	16.76		
20	16QAM	1	1	16.52	16.49	16.58	17.5	0.0
20	64QAM	1	1	16.68	16.75	16.52	17.5	0.0
20	256QAM	1	1	16.62	16.71	16.57	17.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.71	16.75	16.70	17.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.78	16.86	16.63	17.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.71	16.86	16.67	17.5	0.0

n5 Ant 4 DSI2 Sig path：168

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.00	22.14	21.97	23.0	0.0
20	PI/2 BPSK	1	53	21.93	22.01	21.85		
20	PI/2 BPSK	1	104	21.79	22.02	21.89		
20	PI/2 BPSK	50	0	21.99	22.16	22.10	23.0	0.0
20	PI/2 BPSK	50	28	21.87	22.05	22.10	23.0	0.0
20	PI/2 BPSK	50	56	21.99	22.17	22.08	23.0	0.0
20	PI/2 BPSK	100	0	22.10	22.20	22.11		
20	QPSK	1	1	22.03	22.33	22.22	23.0	0.0
20	QPSK	1	53	21.99	22.13	22.06		
20	QPSK	1	104	21.79	22.00	21.88		
20	QPSK	50	0	22.11	22.15	22.08	23.0	0.0
20	QPSK	50	28	21.84	22.17	22.08	23.0	0.0
20	QPSK	50	56	21.89	22.03	21.96	23.0	0.0
20	QPSK	100	0	22.04	22.14	22.01		
20	16QAM	1	1	21.12	21.27	21.17	23.0	0.0
20	64QAM	1	1	20.62	20.59	20.68	21.5	1.5
20	256QAM	1	1	18.62	18.68	18.60	19.5	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.78	21.94	21.70	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.73	21.91	21.76	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.73	21.86	21.72	23.0	0.0

n5 Ant 4 DSI2 Sig path：414

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.04	22.22	21.95	23.0	0.0
20	PI/2 BPSK	1	53	22.03	22.00	21.92		
20	PI/2 BPSK	1	104	21.84	21.98	21.95		
20	PI/2 BPSK	50	0	21.99	22.12	22.03	23.0	0.0
20	PI/2 BPSK	50	28	21.87	21.96	22.03	23.0	0.0
20	PI/2 BPSK	50	56	21.98	22.14	22.07	23.0	0.0
20	PI/2 BPSK	100	0	22.07	22.17	22.08		
20	QPSK	1	1	22.03	22.31	22.20	23.0	0.0
20	QPSK	1	53	21.99	22.14	22.13		
20	QPSK	1	104	21.73	21.94	21.86		
20	QPSK	50	0	22.08	22.12	22.04	23.0	0.0
20	QPSK	50	28	21.88	22.18	22.05	23.0	0.0
20	QPSK	50	56	21.93	22.11	22.00	23.0	0.0
20	QPSK	100	0	22.11	22.15	22.02		
20	16QAM	1	1	21.15	21.31	21.11	23.0	0.0
20	64QAM	1	1	20.66	20.58	20.67	21.5	1.5
20	256QAM	1	1	18.63	18.70	18.61	19.5	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.75	21.93	21.77	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.78	21.90	21.79	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.80	21.86	21.75	23.0	0.0

n12 Ant 4 DSI2 Sig path：172

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.16	23.22	23.11	24.0	0.0
15	PI/2 BPSK	1	40	23.06	23.17	23.07		
15	PI/2 BPSK	1	77	23.01	23.13	22.99		
15	PI/2 BPSK	36	0	22.64	22.75	22.66	23.5	0.5
15	PI/2 BPSK	36	22	23.11	23.17	23.07	24.0	0.0
15	PI/2 BPSK	36	43	22.56	22.69	22.61	23.5	0.5
15	PI/2 BPSK	75	0	22.65	22.77	22.67		
15	QPSK	1	1	23.19	23.23	23.15	24.0	0.0
15	QPSK	1	40	23.07	23.18	23.09		
15	QPSK	1	77	22.98	23.08	23.00		
15	QPSK	36	0	22.23	22.29	22.17	23.0	1.0
15	QPSK	36	22	23.07	23.15	23.00	24.0	0.0
15	QPSK	36	43	22.08	22.16	22.09	23.0	1.0
15	QPSK	75	0	22.15	22.23	22.11		
15	16QAM	1	1	22.34	22.46	22.39	23.0	1.0
15	64QAM	1	1	20.45	20.53	20.39	21.5	2.5
	256QAM	1	1	18.92	19.06	19.01	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.04	23.16	23.04	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.08	23.11	23.02	24.0	0.0

n12 Ant 4 DSI2 Sig path：417

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.93	23.02	22.93	24.0	0.0
15	PI/2 BPSK	1	40	22.87	22.97	22.93		
15	PI/2 BPSK	1	77	22.91	22.95	22.89		
15	PI/2 BPSK	36	0	22.49	22.63	22.44	23.5	0.5
15	PI/2 BPSK	36	22	22.99	22.95	22.89	24.0	0.0
15	PI/2 BPSK	36	43	22.42	22.55	22.42	23.5	0.5
15	PI/2 BPSK	75	0	22.51	22.58	22.57		
15	QPSK	1	1	23.00	23.06	22.99	24.0	0.0
15	QPSK	1	40	22.97	22.98	22.81		
15	QPSK	1	77	22.88	23.02	22.88		
15	QPSK	36	0	22.05	22.11	22.05	23.0	1.0
15	QPSK	36	22	22.75	22.89	22.78	24.0	0.0
15	QPSK	36	43	21.82	22.01	21.89	23.0	1.0
15	QPSK	75	0	21.87	22.05	21.92		
15	16QAM	1	1	22.13	22.24	22.12	23.0	1.0
15	64QAM	1	1	20.32	20.48	20.32	21.5	2.5
	256QAM	1	1	18.94	19.09	19.07	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.95	23.05	22.88	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.84	22.98	22.84	24.0	0.0

n14 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		22.60		24.0	0.0
10	PI/2 BPSK	1	26		22.56			
10	PI/2 BPSK	1	50		22.51			
10	PI/2 BPSK	25	0		22.19		23.5	0.5
10	PI/2 BPSK	25	14		22.61		24.0	0.0
10	PI/2 BPSK	25	27		22.17		23.5	0.5
10	PI/2 BPSK	50	0		22.22			
10	QPSK	1	1		22.63		24.0	0.0
10	QPSK	1	26		22.58			
10	QPSK	1	50		22.49			
10	QPSK	25	0		21.76		23.0	1.0
10	QPSK	25	14		22.45		24.0	0.0
10	QPSK	25	27		21.66		23.0	1.0
10	QPSK	50	0		21.71			
10	16QAM	1	1		21.80		23.0	1.0
10	64QAM	1	1		19.91		21.5	2.5
10	256QAM	1	1		18.23		19.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	22.48	22.52	22.41	24.0	0.0

n25 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	17.09	16.96	17.09	17.5	0.0
40	PI/2 BPSK	1	108	17.00	17.00	16.73		
40	PI/2 BPSK	1	214	16.89	17.00	16.80		
40	PI/2 BPSK	108	0	16.87	16.95	16.88	17.5	0.0
40	PI/2 BPSK	108	54	17.12	16.83	16.81	17.5	0.0
40	PI/2 BPSK	108	108	16.78	16.89	16.98	17.5	0.0
40	PI/2 BPSK	216	0	16.92	17.04	17.05		
40	QPSK	1	1	17.09	17.16	17.11	17.5	0.0
40	QPSK	1	108	17.04	16.97	17.10		
40	QPSK	1	214	16.80	16.85	16.84		
40	QPSK	108	0	16.87	17.10	16.95	17.5	0.0
40	QPSK	108	54	17.08	17.14	17.11	17.5	0.0
40	QPSK	108	108	17.07	17.06	16.84	17.5	0.0
40	QPSK	216	0	16.97	17.11	17.03		
40	16QAM	1	1	16.86	16.71	16.89	17.5	0.0
40	64QAM	1	1	16.95	17.12	16.88	17.5	0.0
40	256QAM	1	1	16.85	16.97	16.81	17.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	16.94	17.06	16.98	17.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	16.97	17.08	16.98	17.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	17.06	17.03	17.08	17.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	17.07	17.07	17.04	17.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	17.06	17.08	16.91	17.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	17.02	17.05	16.95	17.5	0.0

n26 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.92	22.09	21.90	23.0	0.0
20	PI/2 BPSK	1	53	21.87	21.94	21.81		
20	PI/2 BPSK	1	104	21.74	21.88	21.80		
20	PI/2 BPSK	50	0	21.93	22.02	21.96	23.0	0.0
20	PI/2 BPSK	50	28	21.77	21.90	21.99	23.0	0.0
20	PI/2 BPSK	50	56	21.91	22.08	21.93	23.0	0.0
20	PI/2 BPSK	100	0	22.03	22.11	21.99		
20	QPSK	1	1	21.91	22.18	22.10	23.0	0.0
20	QPSK	1	53	21.88	22.03	22.01		
20	QPSK	1	104	21.68	21.86	21.76		
20	QPSK	50	0	21.97	22.04	21.94	23.0	0.0
20	QPSK	50	28	21.76	22.12	21.92	23.0	0.0
20	QPSK	50	56	21.85	21.98	21.89	23.0	0.0
20	QPSK	100	0	21.98	22.09	21.96		
20	16QAM	1	1	21.08	21.17	21.07	23.0	0.0
20	64QAM	1	1	20.52	20.48	20.62	21.5	1.5
20	256QAM	1	1	18.53	18.61	18.50	19.5	3.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.75	21.91	21.77	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.74	21.88	21.85	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.72	21.83	21.85	23.0	0.0

n66 Ant 4 DSI2 Sig path：174

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.33	16.24	16.26	17.0	0.0
40	PI/2 BPSK	1	108	16.24	16.29	16.10		
40	PI/2 BPSK	1	214	16.19	16.35	16.19		
40	PI/2 BPSK	108	0	16.37	16.21	16.14	17.0	0.0
40	PI/2 BPSK	108	54	16.25	16.18	16.20	17.0	0.0
40	PI/2 BPSK	108	108	16.00	16.06	16.29	17.0	0.0
40	PI/2 BPSK	216	0	16.22	16.34	16.22		
40	QPSK	1	1	16.37	16.45	16.41	17.0	0.0
40	QPSK	1	108	16.26	16.24	16.29		
40	QPSK	1	214	16.19	16.20	16.11		
40	QPSK	108	0	16.10	16.37	16.23	17.0	0.0
40	QPSK	108	54	16.37	16.40	16.30	17.0	0.0
40	QPSK	108	108	16.38	16.33	16.14	17.0	0.0
40	QPSK	216	0	16.31	16.38	16.27		
40	16QAM	1	1	16.02	16.15	16.27	17.0	0.0
40	64QAM	1	1	16.14	16.33	16.09	17.0	0.0
40	256QAM	1	1	16.05	16.38	16.21	17.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.34	16.42	16.31	17.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.25	16.34	16.37	17.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.33	16.28	16.22	17.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.22	16.33	16.38	17.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.23	16.25	16.40	17.0	0.0

n66 Ant 4 DSI2 Sig path：432

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.26	16.34	16.32	17.0	0.0
40	PI/2 BPSK	1	108	16.22	16.28	16.21		
40	PI/2 BPSK	1	214	16.13	16.37	16.13		
40	PI/2 BPSK	108	0	16.35	16.28	16.04	17.0	0.0
40	PI/2 BPSK	108	54	16.22	16.23	16.28	17.0	0.0
40	PI/2 BPSK	108	108	16.20	16.18	16.31	17.0	0.0
40	PI/2 BPSK	216	0	16.24	16.33	16.23		
40	QPSK	1	1	16.38	16.42	16.40	17.0	0.0
40	QPSK	1	108	16.14	16.27	16.32		
40	QPSK	1	214	16.20	16.23	16.25		
40	QPSK	108	0	16.24	16.21	16.14	17.0	0.0
40	QPSK	108	54	16.30	16.40	16.37	17.0	0.0
40	QPSK	108	108	16.31	16.28	16.24	17.0	0.0
40	QPSK	216	0	16.35	16.37	16.33		
40	16QAM	1	1	16.17	16.03	16.09	17.0	0.0
40	64QAM	1	1	16.12	16.32	16.16	17.0	0.0
40	256QAM	1	1	16.15	16.34	16.23	17.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.26	16.26	16.30	17.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.34	16.40	16.26	17.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.27	16.31	16.23	17.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.23	16.31	16.22	17.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.30	16.24	16.38	17.0	0.0

n70 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		16.90		18.0	0.0
15	PI/2 BPSK	1	40		16.94			
15	PI/2 BPSK	1	77		16.91			
15	PI/2 BPSK	36	0		16.96		18.0	0.0
15	PI/2 BPSK	36	22		16.88		18.0	0.0
15	PI/2 BPSK	36	43		16.86		18.0	0.0
15	PI/2 BPSK	75	0		16.95			
15	QPSK	1	1		17.17		18.0	0.0
15	QPSK	1	40		16.99			
15	QPSK	1	77		16.84			
15	QPSK	36	0		16.92		18.0	0.0
15	QPSK	36	22		17.13		18.0	0.0
15	QPSK	36	43		16.89		18.0	0.0
15	QPSK	75	0		17.06			
15	16QAM	1	1		16.75		18.0	0.0
15	64QAM	1	1		16.96		18.0	0.0
	256QAM	1	1		17.07		18.0	0.0
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	17.06	16.97	17.06	18.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	17.06	17.09	17.04	18.0	0.0

n71 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.87	22.98	22.92	24.0	0.0
20	PI/2 BPSK	1	53	22.78	22.91	22.83		
20	PI/2 BPSK	1	104	22.68	22.76	22.63		
20	PI/2 BPSK	50	0	22.46	22.57	22.46	23.5	0.5
20	PI/2 BPSK	50	28	22.86	22.95	22.89	24.0	0.0
20	PI/2 BPSK	50	56	22.34	22.45	22.39	23.5	0.5
20	PI/2 BPSK	100	0	22.42	22.57	22.47		
20	QPSK	1	1	22.91	23.05	22.97	24.0	0.0
20	QPSK	1	53	22.80	22.92	22.86		
20	QPSK	1	104	22.68	22.76	22.70		
20	QPSK	50	0	21.86	21.96	21.81	23.0	1.0
20	QPSK	50	28	22.92	22.97	22.90	24.0	0.0
20	QPSK	50	56	21.85	21.95	21.88	23.0	1.0
20	QPSK	100	0	22.00	22.07	22.01		
20	16QAM	1	1	22.31	22.37	22.23	23.0	1.0
20	64QAM	1	1	20.18	20.30	20.25	21.5	2.5
20	256QAM	1	1	18.66	18.73	18.65	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.83	22.94	22.92	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.80	22.98	22.86	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.78	22.91	22.86	24.0	0.0

n41 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.35	17.35	17.22	18.0	0.0
100	PI/2 BPSK	1	137	17.32	17.35	17.29		
100	PI/2 BPSK	1	271	17.06	17.21	17.08		
100	PI/2 BPSK	135	0	17.29	17.28	17.14	18.0	0.0
100	PI/2 BPSK	135	69	17.22	17.22	17.28	18.0	0.0
100	PI/2 BPSK	135	138	17.01	17.19	17.12	18.0	0.0
100	PI/2 BPSK	270	0	17.11	17.28	17.15		
100	QPSK	1	1	17.32	17.36	17.31	18.0	0.0
100	QPSK	1	137	17.15	17.24	17.22		
100	QPSK	1	271	17.24	17.10	17.19		
100	QPSK	135	0	17.19	17.22	17.20	18.0	0.0
100	QPSK	135	69	17.25	17.31	17.28	18.0	0.0
100	QPSK	135	138	17.12	17.23	17.16	18.0	0.0
100	QPSK	270	0	17.20	17.28	17.22		
100	16QAM	1	1	17.11	17.12	17.14	18.0	0.0
100	64QAM	1	1	17.24	17.24	17.20	18.0	0.0
100	256QAM	1	1	15.39	15.49	15.37	16.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.28	17.31	17.23	18.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	17.28	17.23	17.21	18.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.21	17.22	17.13	18.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.30	17.35	17.26	18.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.20	17.34	17.22	18.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.23	17.27	17.28	18.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.17	17.26	17.16	18.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.20	17.27	17.26	18.0	0.0

n41 PC2 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.36	20.44	20.37	21.0	0.0
100	PI/2 BPSK	1	137	20.25	20.34	20.36		
100	PI/2 BPSK	1	271	20.30	20.39	20.27		
100	PI/2 BPSK	135	0	20.30	20.34	20.23	21.0	0.0
100	PI/2 BPSK	135	69	20.41	20.33	20.28	21.0	0.0
100	PI/2 BPSK	135	138	20.15	20.16	20.35	21.0	0.0
100	PI/2 BPSK	270	0	20.27	20.33	20.38		
100	QPSK	1	1	20.41	20.46	20.42	21.0	0.0
100	QPSK	1	137	20.30	20.30	20.33		
100	QPSK	1	271	20.17	20.23	20.20		
100	QPSK	135	0	20.35	20.42	20.27	21.0	0.0
100	QPSK	135	69	20.42	20.44	20.39	21.0	0.0
100	QPSK	135	138	20.23	20.33	20.30	21.0	0.0
100	QPSK	270	0	20.29	20.40	20.34		
100	16QAM	1	1	20.13	20.15	20.24	21.0	0.0
100	64QAM	1	1	20.34	20.34	20.29	21.0	0.0
100	256QAM	1	1	19.01	19.09	19.04	19.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.18	20.07	20.11	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	20.14	20.08	20.05	21.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.16	20.15	20.02	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.05	20.16	20.04	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.16	20.23	20.07	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.01	20.17	20.20	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.04	20.12	20.17	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.02	20.15	20.13	21.0	0.0

n48 Part96 Ant 5 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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.29	15.19	15.26	16.0	0.0
40	PI/2 BPSK	1	53	15.19	15.19	15.14		
40	PI/2 BPSK	1	104	15.12	15.26	15.05		
40	PI/2 BPSK	50	0	15.36	15.33	15.09	16.0	0.0
40	PI/2 BPSK	50	28	15.29	15.33	15.29	16.0	0.0
40	PI/2 BPSK	50	56	15.00	15.09	15.21	16.0	0.0
40	PI/2 BPSK	100	0	15.13	15.28	15.14		
40	QPSK	1	1	15.31	15.37	15.33	16.0	0.0
40	QPSK	1	53	15.24	15.34	15.21		
40	QPSK	1	104	15.13	15.19	15.07		
40	QPSK	50	0	15.15	15.21	15.25	16.0	0.0
40	QPSK	50	28	15.20	15.33	15.31	16.0	0.0
40	QPSK	50	56	15.19	15.25	15.18	16.0	0.0
40	QPSK	100	0	15.18	15.30	15.25		
40	16QAM	1	1	15.14	15.13	15.16	16.0	0.0
40	64QAM	1	1	15.29	15.35	15.14	16.0	0.0
40	256QAM	1	1	15.20	15.26	15.11	16.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	15.13	15.19	15.27	16.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	15.18	15.35	15.30	16.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	15.20	15.29	15.18	16.0	0.0

Part27O n77 Ant 5 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.19	15.30	15.31	15.5	0.0
100	PI/2 BPSK	1	137	15.11	15.24	15.05		
100	PI/2 BPSK	1	271	15.13	15.16	15.15		
100	PI/2 BPSK	135	0	15.13	15.25	15.02	15.5	0.0
100	PI/2 BPSK	135	69	15.28	15.12	15.25	15.5	0.0
100	PI/2 BPSK	135	138	15.01	15.09	15.15	15.5	0.0
100	PI/2 BPSK	270	0	15.23	15.28	15.24		
100	QPSK	1	1	15.30	15.32	15.19	15.5	0.0
100	QPSK	1	137	15.20	15.22	15.23		
100	QPSK	1	271	15.18	15.05	15.05		
100	QPSK	135	0	15.13	15.29	15.18	15.5	0.0
100	QPSK	135	69	15.26	15.30	15.24	15.5	0.0
100	QPSK	135	138	15.13	15.20	15.10	15.5	0.0
100	QPSK	270	0	15.14	15.24	15.12		
100	16QAM	1	1	15.01	15.10	15.12	15.5	0.0
100	64QAM	1	1	15.09	15.15	15.01	15.5	0.0
100	256QAM	1	1	15.01	15.23	15.12	15.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.12	15.21	15.17	15.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.11	15.20	15.09	15.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.15	15.21	15.16	15.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.22	15.31	15.01	15.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.26	15.22	15.11	15.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.25	15.14	15.04	15.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.19	15.29	15.18	15.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.21	15.30	15.06	15.5	0.0

Part27O n77 PC2 Ant 5 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.93	17.99	17.97	18.5	0.0
100	PI/2 BPSK	1	137	17.95	18.06	17.80		
100	PI/2 BPSK	1	271	17.78	17.96	17.72		
100	PI/2 BPSK	135	0	17.97	17.90	17.76	18.5	0.0
100	PI/2 BPSK	135	69	17.93	17.85	17.85	18.5	0.0
100	PI/2 BPSK	135	138	17.69	17.80	17.97	18.5	0.0
100	PI/2 BPSK	270	0	17.84	17.94	17.82		
100	QPSK	1	1	18.10	18.13	18.06	18.5	0.0
100	QPSK	1	137	17.93	17.87	17.92		
100	QPSK	1	271	17.78	17.83	17.91		
100	QPSK	135	0	17.88	17.84	17.96	18.5	0.0
100	QPSK	135	69	18.06	18.11	18.04	18.5	0.0
100	QPSK	135	138	18.08	17.89	17.90	18.5	0.0
100	QPSK	270	0	18.00	18.06	17.98		
100	16QAM	1	1	17.81	17.79	17.89	18.5	0.0
100	64QAM	1	1	17.95	17.91	17.78	18.5	0.0
100	256QAM	1	1	17.73	18.02	17.85	18.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.05	18.05	18.02	18.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.02	18.12	17.87	18.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.93	18.12	17.93	18.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.97	18.11	17.92	18.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.99	17.98	18.02	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.05	18.07	17.92	18.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.95	17.98	18.02	18.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.05	18.12	18.03	18.5	0.0

Part27Q n77 Ant 5 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.19		15.5	0.0
100	PI/2 BPSK	1	137		14.38			
100	PI/2 BPSK	1	271		14.20			
100	PI/2 BPSK	135	0		14.30		15.5	0.0
100	PI/2 BPSK	135	69		14.30		15.5	0.0
100	PI/2 BPSK	135	138		14.10		15.5	0.0
100	PI/2 BPSK	270	0		14.34			
100	QPSK	1	1		14.40		15.5	0.0
100	QPSK	1	137		14.29			
100	QPSK	1	271		14.17			
100	QPSK	135	0		14.35		15.5	0.0
100	QPSK	135	69		14.36		15.5	0.0
100	QPSK	135	138		14.20		15.5	0.0
100	QPSK	270	0		14.28			
100	16QAM	1	1		14.16		15.5	0.0
100	64QAM	1	1		14.36		15.5	0.0
100	256QAM	1	1		14.34		15.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.18	14.22	14.18	15.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.08	14.29	14.05	15.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.12	14.25	14.13	15.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.17	14.31	14.15	15.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.15	14.21	14.05	15.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.17	14.22	14.07	15.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.04	14.31	14.20	15.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.22	14.32	14.19	15.5	0.0

Part27Q n77 PC2 Ant 5 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.26		18.5	0.0
100	PI/2 BPSK	1	137		17.40			
100	PI/2 BPSK	1	271		17.23			
100	PI/2 BPSK	135	0		17.19		18.5	0.0
100	PI/2 BPSK	135	69		17.23		18.5	0.0
100	PI/2 BPSK	135	138		17.13		18.5	0.0
100	PI/2 BPSK	270	0		17.30			
100	QPSK	1	1		17.47		18.5	0.0
100	QPSK	1	137		17.30			
100	QPSK	1	271		17.16			
100	QPSK	135	0		17.24		18.5	0.0
100	QPSK	135	69		17.41		18.5	0.0
100	QPSK	135	138		17.15		18.5	0.0
100	QPSK	270	0		17.39			
100	16QAM	1	1		17.18		18.5	0.0
100	64QAM	1	1		17.25		18.5	0.0
100	256QAM	1	1		17.23		18.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.26	17.32	17.24	18.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.17	17.45	17.38	18.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.25	17.28	17.32	18.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.18	17.41	17.29	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.20	17.44	17.33	18.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.13	17.44	17.24	18.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.15	17.31	17.34	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.27	17.28	17.30	18.5	0.0

Part27O n78 Ant 5 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		14.71		15.5	0.0
100	PI/2 BPSK	1	137		14.81			
100	PI/2 BPSK	1	271		14.69			
100	PI/2 BPSK	135	0		14.76		15.5	0.0
100	PI/2 BPSK	135	69		14.75		15.5	0.0
100	PI/2 BPSK	135	138		14.59		15.5	0.0
100	PI/2 BPSK	270	0		14.75			
100	QPSK	1	1		14.95		15.5	0.0
100	QPSK	1	137		14.79			
100	QPSK	1	271		14.72			
100	QPSK	135	0		14.78		15.5	0.0
100	QPSK	135	69		14.88		15.5	0.0
100	QPSK	135	138		14.66		15.5	0.0
100	QPSK	270	0		14.85			
100	16QAM	1	1		14.55		15.5	0.0
100	64QAM	1	1		14.76		15.5	0.0
100	256QAM	1	1		14.76		15.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	14.80	14.76	14.65	15.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	14.66	14.82	14.78	15.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.78	14.90	14.67	15.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.66	14.88	14.72	15.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	14.62	14.93	14.71	15.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.66	14.80	14.69	15.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.78	14.79	14.68	15.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.73	14.85	14.64	15.5	0.0

Part27O n78 PC2 Ant 5 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.90		18.5	0.0
100	PI/2 BPSK	1	137		17.95			
100	PI/2 BPSK	1	271		17.83			
100	PI/2 BPSK	135	0		18.03		18.5	0.0
100	PI/2 BPSK	135	69		17.91		18.5	0.0
100	PI/2 BPSK	135	138		17.82		18.5	0.0
100	PI/2 BPSK	270	0		18.04			
100	QPSK	1	1		18.19		18.5	0.0
100	QPSK	1	137		18.07			
100	QPSK	1	271		17.90			
100	QPSK	135	0		18.04		18.5	0.0
100	QPSK	135	69		18.14		18.5	0.0
100	QPSK	135	138		17.80		18.5	0.0
100	QPSK	270	0		18.12			
100	16QAM	1	1		17.77		18.5	0.0
100	64QAM	1	1		17.95		18.5	0.0
100	256QAM	1	1		18.03		18.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.02	18.07	17.45	18.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.07	18.17	18.03	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.04	18.03	18.02	18.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.05	18.02	17.86	18.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.00	18.14	17.99	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.13	18.03	18.03	18.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.02	18.17	17.87	18.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.14	18.03	17.91	18.5	0.0

Part27Q n78 Ant 5 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.74		15.5	0.0
100	PI/2 BPSK	1	137		14.59			
100	PI/2 BPSK	1	271		14.66			
100	PI/2 BPSK	135	0		14.69		15.5	0.0
100	PI/2 BPSK	135	69		14.69		15.5	0.0
100	PI/2 BPSK	135	138		14.44		15.5	0.0
100	PI/2 BPSK	270	0		14.70			
100	QPSK	1	1		14.81		15.5	0.0
100	QPSK	1	137		14.64			
100	QPSK	1	271		14.50			
100	QPSK	135	0		14.64		15.5	0.0
100	QPSK	135	69		14.78		15.5	0.0
100	QPSK	135	138		14.49		15.5	0.0
100	QPSK	270	0		14.73			
100	16QAM	1	1		14.49		15.5	0.0
100	64QAM	1	1		14.72		15.5	0.0
100	256QAM	1	1		14.61		15.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.68	14.64	14.63	15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.76	14.69	14.65	15.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.68	14.70	14.68	15.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.67	14.75	14.69	15.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.73	14.76	14.77	15.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.63	14.70	14.68	15.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.60	14.66	14.76	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.62	14.67	14.73	15.5	0.0

Part27Q n78 PC2 Ant 5 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.69		18.5	0.0
100	PI/2 BPSK	1	137		17.59			
100	PI/2 BPSK	1	271		17.56			
100	PI/2 BPSK	135	0		17.81		18.5	0.0
100	PI/2 BPSK	135	69		17.52		18.5	0.0
100	PI/2 BPSK	135	138		17.50		18.5	0.0
100	PI/2 BPSK	270	0		17.79			
100	QPSK	1	1		17.82		18.5	0.0
100	QPSK	1	137		17.73			
100	QPSK	1	271		17.60			
100	QPSK	135	0		17.71		18.5	0.0
100	QPSK	135	69		17.79		18.5	0.0
100	QPSK	135	138		17.57		18.5	0.0
100	QPSK	270	0		17.76			
100	16QAM	1	1		17.54		18.5	0.0
100	64QAM	1	1		17.66		18.5	0.0
100	256QAM	1	1		17.77		18.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.66	17.72	17.58	18.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.58	17.66	17.66	18.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.48	17.76	17.69	18.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.65	17.74	17.59	18.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.51	17.79	17.71	18.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.55	17.67	17.54	18.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.50	17.77	17.69	18.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.54	17.81	17.57	18.5	0.0

n41 Ant 7 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.03	18.04	17.93	19.5	0.0
100	PI/2 BPSK	1	137	18.00	18.05	17.91		
100	PI/2 BPSK	1	271	17.88	17.92	17.85		
100	PI/2 BPSK	135	0	17.98	17.90	17.84	19.5	0.0
100	PI/2 BPSK	135	69	18.03	17.91	17.86	19.5	0.0
100	PI/2 BPSK	135	138	17.89	17.91	17.91	19.5	0.0
100	PI/2 BPSK	270	0	17.95	17.99	18.01		
100	QPSK	1	1	18.07	18.11	18.04	19.5	0.0
100	QPSK	1	137	17.97	18.04	17.88		
100	QPSK	1	271	17.90	17.92	17.93		
100	QPSK	135	0	17.85	17.95	17.89	19.5	0.0
100	QPSK	135	69	17.91	18.10	17.92	19.5	0.0
100	QPSK	135	138	18.06	17.97	17.92	19.5	0.0
100	QPSK	270	0	17.95	18.08	18.02		
100	16QAM	1	1	17.74	17.76	17.93	19.5	0.0
100	64QAM	1	1	17.81	17.88	17.79	19.5	0.0
100	256QAM	1	1	16.11	16.06	16.06	17.5	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.94	18.04	17.88	19.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.07	17.94	17.98	19.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.88	18.04	17.90	19.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.98	17.99	17.92	19.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.94	17.98	17.89	19.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.01	17.98	17.86	19.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.94	18.03	17.98	19.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.96	18.04	17.93	19.5	0.0

n41 PC2 Ant 7 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.98	20.91	21.04	22.5	0.0
100	PI/2 BPSK	1	137	20.89	20.96	20.90		
100	PI/2 BPSK	1	271	20.95	20.95	20.87		
100	PI/2 BPSK	135	0	21.05	20.96	20.93	22.5	0.0
100	PI/2 BPSK	135	69	20.98	20.94	20.92	22.5	0.0
100	PI/2 BPSK	135	138	20.72	20.78	20.94	22.5	0.0
100	PI/2 BPSK	270	0	21.00	20.95	20.89		
100	QPSK	1	1	21.05	21.13	21.09	22.5	0.0
100	QPSK	1	137	20.96	20.91	20.94		
100	QPSK	1	271	20.90	20.82	20.88		
100	QPSK	135	0	20.95	20.97	20.98	22.5	0.0
100	QPSK	135	69	21.02	21.11	20.97	22.5	0.0
100	QPSK	135	138	21.05	20.97	21.01	22.5	0.0
100	QPSK	270	0	21.07	21.08	20.90		
100	16QAM	1	1	20.84	20.72	20.81	22.5	0.0
100	64QAM	1	1	20.98	20.97	20.87	22.5	0.0
100	256QAM	1	1	19.02	19.20	19.08	20.5	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.04	21.09	20.95	22.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	20.91	21.05	21.09	22.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.97	21.03	21.00	22.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.96	21.11	20.90	22.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.98	21.01	20.95	22.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.88	21.10	21.04	22.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.88	20.95	21.01	22.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.87	21.11	20.89	22.5	0.0

Part27O n77 Ant 8 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.16	21.31	21.15	22.5	0.0
100	PI/2 BPSK	1	137	21.19	21.27	21.23		
100	PI/2 BPSK	1	271	21.16	21.21	21.10		
100	PI/2 BPSK	135	0	20.61	20.66	20.59	22.0	0.5
100	PI/2 BPSK	135	69	21.11	21.18	21.11	22.5	0.0
100	PI/2 BPSK	135	138	20.61	20.66	20.60	22.0	0.5
100	PI/2 BPSK	270	0	20.58	20.73	20.63		
100	QPSK	1	1	21.29	21.35	21.23	22.5	0.0
100	QPSK	1	137	21.19	21.30	21.24		
100	QPSK	1	271	21.15	21.26	21.14		
100	QPSK	135	0	20.11	20.19	20.08	21.5	1.0
100	QPSK	135	69	21.19	21.24	21.15	22.5	0.0
100	QPSK	135	138	20.17	20.21	20.10	21.5	1.0
100	QPSK	270	0	20.11	20.26	20.15		
100	16QAM	1	1	19.78	19.94	19.82	21.5	1.0
100	64QAM	1	1	18.46	18.56	18.50	20.0	2.5
100	256QAM	1	1	16.50	16.58	16.52	18.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.18	21.23	21.16	22.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.14	21.28	21.09	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.10	21.20	21.13	22.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.22	21.27	21.15	22.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.19	21.31	21.11	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.18	21.25	21.17	22.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.15	21.20	21.19	22.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.20	21.22	21.16	22.5	0.0

Part27O n77 PC2 Ant 8 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.16	24.23	24.12	25.5	0.0
100	PI/2 BPSK	1	137	24.15	24.19	24.05		
100	PI/2 BPSK	1	271	24.00	24.12	23.96		
100	PI/2 BPSK	135	0	24.02	24.09	24.01	25.5	0.0
100	PI/2 BPSK	135	69	24.15	24.20	24.09	25.5	0.0
100	PI/2 BPSK	135	138	24.02	24.11	24.01	25.5	0.0
100	PI/2 BPSK	270	0	24.05	24.16	24.11		
100	QPSK	1	1	24.22	24.28	24.18	25.5	0.0
100	QPSK	1	137	24.13	24.23	24.14		
100	QPSK	1	271	24.02	24.17	24.08		
100	QPSK	135	0	23.95	24.04	23.93	25.5	0.0
100	QPSK	135	69	24.08	24.22	24.11	25.5	0.0
100	QPSK	135	138	23.96	24.10	23.98	25.5	0.0
100	QPSK	270	0	24.02	24.16	24.05		
100	16QAM	1	1	24.10	24.23	24.17	25.5	0.0
100	64QAM	1	1	22.33	22.39	22.33	24.0	1.5
100	256QAM	1	1	20.16	20.20	20.10	22.0	3.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.16	24.13	24.05	25.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.02	24.09	23.92	25.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.07	24.10	23.93	25.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.05	24.15	23.97	25.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.07	24.09	24.00	25.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.03	24.07	23.92	25.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.01	24.14	24.00	25.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.03	24.12	23.99	25.5	0.0

Part27Q n77 Ant 8 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.93		22.5	0.0
100	PI/2 BPSK	1	137		20.88			
100	PI/2 BPSK	1	271		20.84			
100	PI/2 BPSK	135	0		20.37		22.0	0.5
100	PI/2 BPSK	135	69		20.86		22.5	0.0
100	PI/2 BPSK	135	138		20.35		22.0	0.5
100	PI/2 BPSK	270	0		20.43			
100	QPSK	1	1		20.97		22.5	0.0
100	QPSK	1	137		20.91			
100	QPSK	1	271		20.89			
100	QPSK	135	0		19.82		21.5	1.0
100	QPSK	135	69		20.92		22.5	0.0
100	QPSK	135	138		19.88		21.5	1.0
100	QPSK	270	0		19.92			
100	16QAM	1	1		19.71		21.5	1.0
100	64QAM	1	1		18.11		20.0	2.5
100	256QAM	1	1		16.15		18.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.83	20.89	20.75	22.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.80	20.83	20.74	22.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.83	20.92	20.74	22.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.82	20.87	20.83	22.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.82	20.88	20.79	22.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3528.98		
40	QPSK	1	1	20.84	20.85	20.75	22.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.80	20.90	20.73	22.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.80	20.84	20.79	22.5	0.0

Part27Q n77 PC2 Ant 8 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.88		25.5	0.0
100	PI/2 BPSK	1	137		23.82			
100	PI/2 BPSK	1	271		23.75			
100	PI/2 BPSK	135	0		23.76		25.0	0.5
100	PI/2 BPSK	135	69		23.82		25.5	0.0
100	PI/2 BPSK	135	138		23.75		25.0	0.5
100	PI/2 BPSK	270	0		23.79			
100	QPSK	1	1		23.93		25.5	0.0
100	QPSK	1	137		23.89			
100	QPSK	1	271		23.87			
100	QPSK	135	0		23.84		24.5	1.0
100	QPSK	135	69		23.88		25.5	0.0
100	QPSK	135	138		23.79		24.5	1.0
100	QPSK	270	0		23.83			
100	16QAM	1	1		23.79		24.5	1.0
100	64QAM	1	1		22.34		23.0	2.5
100	256QAM	1	1		20.29		21.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.81	23.86	23.72	25.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.75	23.89	23.69	25.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.80	23.84	23.77	25.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.81	23.87	23.76	25.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.75	23.77	23.72	25.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.82	23.86	23.74	25.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.77	23.81	23.72	25.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.81	23.86	23.77	25.5	0.0

Part27O n78 Ant 8 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.56		22.5	0.0
100	PI/2 BPSK	1	137		21.51			
100	PI/2 BPSK	1	271		21.47			
100	PI/2 BPSK	135	0		20.89		22.0	0.5
100	PI/2 BPSK	135	69		21.53		22.5	0.0
100	PI/2 BPSK	135	138		20.93		22.0	0.5
100	PI/2 BPSK	270	0		20.99			
100	QPSK	1	1		21.63		22.5	0.0
100	QPSK	1	137		21.57			
100	QPSK	1	271		21.51			
100	QPSK	135	0		20.41		21.5	1.0
100	QPSK	135	69		21.58		22.5	0.0
100	QPSK	135	138		20.44		21.5	1.0
100	QPSK	270	0		20.48			
100	16QAM	1	1		20.16		21.5	1.0
100	64QAM	1	1		18.61		20.0	2.5
100	256QAM	1	1		16.55		18.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.44	21.58	21.41	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.45	21.54	21.49	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.53	21.49	21.51	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.44	21.58	21.50	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.50	21.52	21.45	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.52	21.55	21.45	22.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.46	21.51	21.53	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.51	21.55	21.49	22.5	0.0

Part27O n78 PC2 Ant 8 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.46		25.5	0.0
100	PI/2 BPSK	1	137		24.41			
100	PI/2 BPSK	1	271		24.38			
100	PI/2 BPSK	135	0		24.21		25.0	0.5
100	PI/2 BPSK	135	69		24.41		25.5	0.0
100	PI/2 BPSK	135	138		24.28		25.0	0.5
100	PI/2 BPSK	270	0		24.32			
100	QPSK	1	1		24.52		25.5	0.0
100	QPSK	1	137		24.46			
100	QPSK	1	271		24.41			
100	QPSK	135	0		24.20		24.5	1.0
100	QPSK	135	69		24.46		25.5	0.0
100	QPSK	135	138		24.28		24.5	1.0
100	QPSK	270	0		24.31			
100	16QAM	1	1		24.41		24.5	1.0
100	64QAM	1	1		22.61		23.0	2.5
100	256QAM	1	1		20.49		21.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.40	24.45	24.33	25.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.32	24.41	24.31	25.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.40	24.46	24.42	25.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.43	24.48	24.34	25.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.39	24.40	24.33	25.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.30	24.39	24.33	25.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.32	24.45	24.34	25.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.38	24.41	24.28	25.5	0.0

Part27Q n78 Ant 8 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.27		22.5	0.0
100	PI/2 BPSK	1	137		21.21			
100	PI/2 BPSK	1	271		21.16			
100	PI/2 BPSK	135	0		20.78		22.0	0.5
100	PI/2 BPSK	135	69		21.25		22.5	0.0
100	PI/2 BPSK	135	138		20.78		22.0	0.5
100	PI/2 BPSK	270	0		20.85			
100	QPSK	1	1		21.31		22.5	0.0
100	QPSK	1	137		21.25			
100	QPSK	1	271		21.18			
100	QPSK	135	0		20.31		21.5	1.0
100	QPSK	135	69		21.28		22.5	0.0
100	QPSK	135	138		20.20		21.5	1.0
100	QPSK	270	0		20.24			
100	16QAM	1	1		20.52		21.5	1.0
100	64QAM	1	1		18.90		20.0	2.5
100	256QAM	1	1		16.71		18.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.16	21.23	21.11	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.19	21.20	21.11	22.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.10	21.16	21.12	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.18	21.22	21.16	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.21	21.25	21.15	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.18	21.27	21.16	22.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.20	21.15	21.16	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.18	21.26	21.09	22.5	0.0

Part27Q n78 PC2 Ant 8 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.23		25.5	0.0
100	PI/2 BPSK	1	137		24.16			
100	PI/2 BPSK	1	271		24.11			
100	PI/2 BPSK	135	0		24.08		25.5	0.0
100	PI/2 BPSK	135	69		24.20		25.5	0.0
100	PI/2 BPSK	135	138		24.09		25.5	0.0
100	PI/2 BPSK	270	0		24.15			
100	QPSK	1	1		24.27		25.5	0.0
100	QPSK	1	137		24.22			
100	QPSK	1	271		24.14			
100	QPSK	135	0		24.11		25.5	0.0
100	QPSK	135	69		24.22		25.5	0.0
100	QPSK	135	138		24.11		25.5	0.0
100	QPSK	270	0		24.17			
100	16QAM	1	1		24.10		25.5	0.0
100	64QAM	1	1		22.55		24.0	1.5
100	256QAM	1	1		20.56		22.0	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.18	24.17	24.09	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.08	24.22	24.12	25.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.03	24.13	24.11	25.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.18	24.20	24.05	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.19	24.23	24.11	25.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.08	24.17	24.13	25.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.10	24.23	24.14	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.16	24.19	24.05	25.5	0.0

Reduced Power Mode for Main PA DSI2 ENDC

n2 Ant 0 DSI2 sig path: 164

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.16	23.20	23.20	24.0	0.0
20	PI/2 BPSK	1	53	23.07	23.16	22.97		
20	PI/2 BPSK	1	104	22.95	23.09	23.00		
20	PI/2 BPSK	50	0	22.60	22.76	22.73	23.5	0.5
20	PI/2 BPSK	50	28	23.07	23.18	23.05	24.0	0.0
20	PI/2 BPSK	50	56	22.58	22.75	22.67	23.5	0.5
20	PI/2 BPSK	100	0	22.67	22.81	22.66		
20	QPSK	1	1	23.10	23.23	23.13	24.0	0.0
20	QPSK	1	53	23.03	23.16	23.15		
20	QPSK	1	104	23.07	23.21	23.10		
20	QPSK	50	0	22.23	22.32	22.25	23.0	1.0
20	QPSK	50	28	22.95	23.12	23.03	24.0	0.0
20	QPSK	50	56	22.23	22.24	22.22	23.0	1.0
20	QPSK	100	0	22.13	22.32	22.21		
20	16QAM	1	1	22.47	22.53	22.42	23.0	1.0
20	64QAM	1	1	20.55	20.69	20.50	21.5	2.5
20	256QAM	1	1	18.75	18.83	18.63	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.93	23.05	22.97	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.07	23.16	22.96	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.93	23.04	23.00	24.0	0.0

n2 Ant 0 DSI2 sig path: 429

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.07	23.18	23.12	24.0	0.0
20	PI/2 BPSK	1	53	23.03	23.22	23.21		
20	PI/2 BPSK	1	104	22.94	23.09	22.96		
20	PI/2 BPSK	50	0	22.53	22.72	22.66	23.5	0.5
20	PI/2 BPSK	50	28	22.99	23.17	23.04	24.0	0.0
20	PI/2 BPSK	50	56	22.70	22.80	22.68	23.5	0.5
20	PI/2 BPSK	100	0	22.68	22.80	22.77		
20	QPSK	1	1	23.10	23.25	23.17	24.0	0.0
20	QPSK	1	53	23.01	23.13	22.97		
20	QPSK	1	104	23.12	23.16	23.08		
20	QPSK	50	0	22.27	22.35	22.15	23.0	1.0
20	QPSK	50	28	23.14	23.21	23.10	24.0	0.0
20	QPSK	50	56	21.98	22.15	22.04	23.0	1.0
20	QPSK	100	0	22.27	22.40	22.33		
20	16QAM	1	1	22.41	22.52	22.44	23.0	1.0
20	64QAM	1	1	20.60	20.64	20.58	21.5	2.5
20	256QAM	1	1	18.72	18.83	18.65	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.92	23.19	23.00	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.02	23.21	23.09	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.98	23.09	23.06	24.0	0.0

n5 Ant 0 DSI2 sig path: 168

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.12	23.13	23.09	24.0	0.0
20	PI/2 BPSK	1	53	23.07	23.11	23.01		
20	PI/2 BPSK	1	104	23.05	23.05	22.85		
20	PI/2 BPSK	50	0	22.60	22.61	22.50	23.5	0.5
20	PI/2 BPSK	50	28	22.91	22.97	22.80	24.0	0.0
20	PI/2 BPSK	50	56	22.44	22.63	22.65	23.5	0.5
20	PI/2 BPSK	100	0	22.42	22.56	22.37		
20	QPSK	1	1	23.20	23.22	23.14	24.0	0.0
20	QPSK	1	53	23.07	23.11	23.11		
20	QPSK	1	104	23.00	23.08	22.98		
20	QPSK	50	0	21.95	21.98	21.84	23.0	1.0
20	QPSK	50	28	22.85	22.99	22.92	24.0	0.0
20	QPSK	50	56	21.98	22.02	22.00	23.0	1.0
20	QPSK	100	0	22.03	22.08	22.01		
20	16QAM	1	1	22.01	22.02	22.00	23.0	1.0
20	64QAM	1	1	20.50	20.55	20.41	21.5	2.5
20	256QAM	1	1	18.34	18.56	18.51	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.00	23.12	23.08	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.12	23.17	23.09	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.00	23.05	23.03	24.0	0.0

n5 Ant 0 DSI2 sig path: 414

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.82	22.91	22.89	24.0	0.0
20	PI/2 BPSK	1	53	22.66	22.79	22.71		
20	PI/2 BPSK	1	104	22.67	22.82	22.79		
20	PI/2 BPSK	50	0	22.40	22.42	22.32	23.5	0.5
20	PI/2 BPSK	50	28	22.69	22.85	22.72	24.0	0.0
20	PI/2 BPSK	50	56	22.17	22.27	22.17	23.5	0.5
20	PI/2 BPSK	100	0	22.15	22.32	22.20		
20	QPSK	1	1	22.87	22.92	22.77	24.0	0.0
20	QPSK	1	53	22.70	22.86	22.80		
20	QPSK	1	104	22.82	22.84	22.81		
20	QPSK	50	0	21.81	21.85	21.74	23.0	1.0
20	QPSK	50	28	22.69	22.81	22.76	24.0	0.0
20	QPSK	50	56	21.62	21.77	21.64	23.0	1.0
20	QPSK	100	0	21.73	21.81	21.69		
20	16QAM	1	1	22.14	22.22	22.21	23.0	1.0
20	64QAM	1	1	20.01	20.09	19.94	21.5	2.5
20	256QAM	1	1	18.52	18.55	18.38	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.85	22.75	22.68	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.75	22.75	22.69	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.76	22.84	22.61	24.0	0.0

n12 Ant 0 DSI2 sig path: 172

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.97	23.06	22.95	24.0	0.0
15	PI/2 BPSK	1	40	22.85	22.99	22.87		
15	PI/2 BPSK	1	77	22.88	23.02	22.91		
15	PI/2 BPSK	36	0	22.53	22.63	22.57	23.5	0.5
15	PI/2 BPSK	36	22	23.03	23.09	22.97	24.0	0.0
15	PI/2 BPSK	36	43	22.46	22.56	22.48	23.5	0.5
15	PI/2 BPSK	75	0	22.46	22.57	22.51		
15	QPSK	1	1	22.99	23.13	23.03	24.0	0.0
15	QPSK	1	40	23.03	23.09	22.98		
15	QPSK	1	77	22.93	23.05	22.93		
15	QPSK	36	0	21.97	22.03	21.96	23.0	1.0
15	QPSK	36	22	22.97	23.04	22.93	24.0	0.0
15	QPSK	36	43	21.88	21.93	21.87	23.0	1.0
15	QPSK	75	0	21.91	21.98	21.86		
15	16QAM	1	1	21.89	22.02	21.95	23.0	1.0
15	64QAM	1	1	20.54	20.65	20.51	21.5	2.5
15	256QAM	1	1	18.51	18.59	18.53	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.91	23.04	22.91	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.89	23.02	22.96	24.0	0.0

n12 Ant 0 DSI2 sig path: 417

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.81	22.85	22.82	24.0	0.0
15	PI/2 BPSK	1	40	22.66	22.78	22.66		
15	PI/2 BPSK	1	77	22.70	22.80	22.63		
15	PI/2 BPSK	36	0	22.27	22.43	22.31	23.5	0.5
15	PI/2 BPSK	36	22	22.76	22.79	22.74	24.0	0.0
15	PI/2 BPSK	36	43	22.26	22.37	22.29	23.5	0.5
15	PI/2 BPSK	75	0	22.31	22.46	22.32		
15	QPSK	1	1	22.92	22.93	22.88	24.0	0.0
15	QPSK	1	40	22.62	22.78	22.73		
15	QPSK	1	77	22.74	22.82	22.64		
15	QPSK	36	0	21.88	21.94	21.89	23.0	1.0
15	QPSK	36	22	22.80	22.89	22.88	24.0	0.0
15	QPSK	36	43	21.76	21.88	21.81	23.0	1.0
15	QPSK	75	0	21.80	21.96	21.86		
15	16QAM	1	1	22.20	22.24	22.13	23.0	1.0
15	64QAM	1	1	20.08	20.11	20.08	21.5	2.5
15	256QAM	1	1	18.50	18.59	18.57	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.82	22.74	22.83	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.90	22.76	22.79	24.0	0.0

n25 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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.29	23.37	23.28	24.0	0.0
40	PI/2 BPSK	1	108	23.23	23.35	23.26		
40	PI/2 BPSK	1	214	23.10	23.23	23.14		
40	PI/2 BPSK	108	0	22.87	22.97	22.89	23.5	0.5
40	PI/2 BPSK	108	54	23.18	23.32	23.21	24.0	0.0
40	PI/2 BPSK	108	108	22.81	22.94	22.87	23.5	0.5
40	PI/2 BPSK	216	0	22.89	22.98	22.87		
40	QPSK	1	1	23.36	23.42	23.30	24.0	0.0
40	QPSK	1	108	23.25	23.33	23.20		
40	QPSK	1	214	23.21	23.27	23.19		
40	QPSK	108	0	22.40	22.47	22.38	23.0	1.0
40	QPSK	108	54	23.19	23.33	23.24	24.0	0.0
40	QPSK	108	108	22.30	22.38	22.28	23.0	1.0
40	QPSK	216	0	22.36	22.46	22.31		
40	16QAM	1	1	22.60	22.67	22.53	23.0	1.0
40	64QAM	1	1	20.70	20.82	20.73	21.5	2.5
40	256QAM	1	1	19.05	19.12	19.03	19.5	4.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.23	23.37	23.22	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.29	23.27	23.16	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.29	23.33	23.17	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.23	23.31	23.20	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.24	23.34	23.23	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.29	23.28	23.20	24.0	0.0

n66 Ant 0 DSI2 sig path：174

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.64	22.82	22.69	24.0	0.0
40	PI/2 BPSK	1	108	22.81	22.85	22.72		
40	PI/2 BPSK	1	214	22.51	22.63	22.54		
40	PI/2 BPSK	108	0	22.33	22.46	22.27	23.5	0.5
40	PI/2 BPSK	108	54	22.54	22.69	22.52	24.0	0.0
40	PI/2 BPSK	108	108	22.09	22.29	22.21	23.5	0.5
40	PI/2 BPSK	216	0	22.30	22.43	22.39		
40	QPSK	1	1	22.92	22.93	22.75	24.0	0.0
40	QPSK	1	108	22.67	22.86	22.85		
40	QPSK	1	214	22.53	22.61	22.46		
40	QPSK	108	0	21.86	21.99	21.95	23.0	1.0
40	QPSK	108	54	22.68	22.88	22.82	24.0	0.0
40	QPSK	108	108	21.72	21.80	21.73	23.0	1.0
40	QPSK	216	0	21.64	21.82	21.71		
40	16QAM	1	1	21.88	22.03	21.90	23.0	1.0
40	64QAM	1	1	19.88	20.07	19.92	21.5	2.5
40	256QAM	1	1	18.43	18.48	18.38	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.84	22.75	22.70	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.88	22.81	22.74	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.75	22.90	22.75	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.90	22.89	22.59	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.77	22.75	22.72	24.0	0.0

n66 Ant 0 DSI2 sig path: 432

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.69	22.88	22.77	24.0	0.0
40	PI/2 BPSK	1	108	22.56	22.69	22.66		
40	PI/2 BPSK	1	214	22.27	22.47	22.43		
40	PI/2 BPSK	108	0	22.22	22.31	22.25	23.5	0.5
40	PI/2 BPSK	108	54	22.45	22.57	22.56	24.0	0.0
40	PI/2 BPSK	108	108	22.05	22.11	22.05	23.5	0.5
40	PI/2 BPSK	216	0	22.12	22.29	22.24		
40	QPSK	1	1	22.87	22.92	22.85	24.0	0.0
40	QPSK	1	108	22.64	22.71	22.63		
40	QPSK	1	214	22.42	22.48	22.43		
40	QPSK	108	0	21.85	21.91	21.80	23.0	1.0
40	QPSK	108	54	22.82	22.89	22.80	24.0	0.0
40	QPSK	108	108	21.50	21.62	21.59	23.0	1.0
40	QPSK	216	0	21.74	21.82	21.71		
40	16QAM	1	1	21.73	21.89	21.84	23.0	1.0
40	64QAM	1	1	20.02	20.04	19.95	21.5	2.5
40	256QAM	1	1	18.26	18.41	18.33	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.76	22.89	22.85	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.69	22.89	22.83	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.67	22.89	22.70	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.70	22.78	22.70	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.70	22.80	22.66	24.0	0.0

n71 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				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.07	23.21	23.12	24.0	0.0
20	PI/2 BPSK	1	53	23.03	23.15	23.01		
20	PI/2 BPSK	1	104	23.02	23.10	22.95		
20	PI/2 BPSK	50	0	22.67	22.73	22.64	23.5	0.5
20	PI/2 BPSK	50	28	23.01	23.11	23.04	24.0	0.0
20	PI/2 BPSK	50	56	22.52	22.62	22.57	23.5	0.5
20	PI/2 BPSK	100	0	22.70	22.77	22.62		
20	QPSK	1	1	23.13	23.24	23.18	24.0	0.0
20	QPSK	1	53	23.10	23.21	23.15		
20	QPSK	1	104	23.00	23.13	23.06		
20	QPSK	50	0	22.14	22.24	22.15	23.0	1.0
20	QPSK	50	28	23.06	23.18	23.06	24.0	0.0
20	QPSK	50	56	21.97	22.11	21.97	23.0	1.0
20	QPSK	100	0	22.10	22.23	22.17		
20	16QAM	1	1	22.37	22.47	22.39	23.0	1.0
20	64QAM	1	1	20.46	20.60	20.54	21.5	2.5
20	256QAM	1	1	18.87	18.99	18.94	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.98	23.10	23.04	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.01	23.13	23.08	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.99	23.11	23.05	24.0	0.0

n7 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.31	23.41	23.39	24.0	0.0
40	PI/2 BPSK	1	108	23.21	23.35	23.29		
40	PI/2 BPSK	1	214	23.20	23.31	23.19		
40	PI/2 BPSK	108	0	22.85	22.94	22.84	23.5	0.5
40	PI/2 BPSK	108	54	23.23	23.34	23.22	24.0	0.0
40	PI/2 BPSK	108	108	22.92	23.01	22.89	23.5	0.5
40	PI/2 BPSK	216	0	22.96	23.02	22.91		
40	QPSK	1	1	23.35	23.45	23.36	24.0	0.0
40	QPSK	1	108	23.12	23.27	23.17		
40	QPSK	1	214	23.25	23.37	23.29		
40	QPSK	108	0	22.36	22.42	22.30	23.0	1.0
40	QPSK	108	54	23.26	23.38	23.26	24.0	0.0
40	QPSK	108	108	22.37	22.44	22.33	23.0	1.0
40	QPSK	216	0	22.35	22.50	22.43		
40	16QAM	1	1	22.43	22.51	22.37	23.0	1.0
40	64QAM	1	1	20.39	20.52	20.41	21.5	2.5
40	256QAM	1	1	18.81	18.94	18.83	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.23	23.36	23.29	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.28	23.31	23.22	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.29	23.37	23.27	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.27	23.35	23.25	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.27	23.40	23.30	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.28	23.40	23.27	24.0	0.0

n30 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					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.32		24.0	0.0
10	PI/2 BPSK	1	26		23.26			
10	PI/2 BPSK	1	50		23.22			
10	PI/2 BPSK	25	0		22.79		23.5	0.5
10	PI/2 BPSK	25	14		23.22		24.0	0.0
10	PI/2 BPSK	25	27		22.78		23.5	0.5
10	PI/2 BPSK	50	0		22.83			
10	QPSK	1	1		23.39		24.0	0.0
10	QPSK	1	26		23.31			
10	QPSK	1	50		23.27			
10	QPSK	25	0		22.29		23.0	1.0
10	QPSK	25	14		23.32		24.0	0.0
10	QPSK	25	27		22.23		23.0	1.0
10	QPSK	50	0		22.27			
10	16QAM	1	1		22.20		23.0	1.0
10	64QAM	1	1		20.29		21.5	2.5
10	256QAM	1	1		18.74		19.5	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.22	23.25	23.21	24.0	0.0

n41 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.69	22.78	22.74	24.0	0.0
100	PI/2 BPSK	1	137	22.39	22.46	22.40		
100	PI/2 BPSK	1	271	22.38	22.47	22.34		
100	PI/2 BPSK	135	0	22.57	22.71	22.59	23.5	0.5
100	PI/2 BPSK	135	69	22.43	22.52	22.41	24.0	0.0
100	PI/2 BPSK	135	138	22.35	22.45	22.33	23.5	0.5
100	PI/2 BPSK	270	0	22.35	22.46	22.33		
100	QPSK	1	1	22.88	22.95	22.86	24.0	0.0
100	QPSK	1	137	22.46	22.59	22.52		
100	QPSK	1	271	22.41	22.55	22.45		
100	QPSK	135	0	21.74	21.87	21.72	23.0	1.0
100	QPSK	135	69	22.74	22.89	22.74	24.0	0.0
100	QPSK	135	138	21.40	21.48	21.35	23.0	1.0
100	QPSK	270	0	21.42	21.53	21.40		
100	16QAM	1	1	21.80	21.88	21.75	23.0	1.0
100	64QAM	1	1	20.11	20.22	20.10	21.5	2.5
100	256QAM	1	1	18.33	18.47	18.38	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.74	22.81	22.72	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.74	22.85	22.75	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.73	22.85	22.77	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.73	22.84	22.76	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.75	22.88	22.79	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.77	22.83	22.79	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.79	22.88	22.80	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.74	22.80	22.79	24.0	0.0

n41 PC2 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.82	25.88	25.75	27.0	0.0
100	PI/2 BPSK	1	137	25.76	25.85	25.71		
100	PI/2 BPSK	1	271	25.72	25.80	25.70		
100	PI/2 BPSK	135	0	25.54	25.69	25.57	26.5	0.5
100	PI/2 BPSK	135	69	25.71	25.82	25.68	27.0	0.0
100	PI/2 BPSK	135	138	25.63	25.71	25.63	26.5	0.5
100	PI/2 BPSK	270	0	25.70	25.77	25.64		
100	QPSK	1	1	25.85	25.92	25.79	27.0	0.0
100	QPSK	1	137	25.74	25.87	25.75		
100	QPSK	1	271	25.70	25.83	25.70		
100	QPSK	135	0	25.68	25.76	25.65	26.0	1.0
100	QPSK	135	69	25.75	25.85	25.72	27.0	0.0
100	QPSK	135	138	25.61	25.67	25.57	26.0	1.0
100	QPSK	270	0	25.65	25.76	25.67		
100	16QAM	1	1	25.59	25.66	25.58	26.0	1.0
100	64QAM	1	1	24.02	24.14	24.01	24.5	2.5
100	256QAM	1	1	21.83	21.97	21.85	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.73	25.85	25.72	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.73	25.79	25.69	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.78	25.82	25.66	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.77	25.81	25.73	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.73	25.82	25.65	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.75	25.87	25.73	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.71	25.85	25.70	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.77	25.79	25.72	27.0	0.0

Part27O n77 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.25	19.34	19.27	21.0	0.0
100	PI/2 BPSK	1	137	19.16	19.29	19.18		
100	PI/2 BPSK	1	271	19.24	19.31	19.24		
100	PI/2 BPSK	135	0	18.79	18.86	18.73	20.5	0.5
100	PI/2 BPSK	135	69	19.19	19.30	19.16	21.0	0.0
100	PI/2 BPSK	135	138	18.85	18.90	18.80	20.5	0.5
100	PI/2 BPSK	270	0	18.87	18.99	18.91		
100	QPSK	1	1	19.35	19.41	19.30	21.0	0.0
100	QPSK	1	137	19.21	19.35	19.28		
100	QPSK	1	271	19.23	19.30	19.24		
100	QPSK	135	0	18.32	18.38	18.31	20.0	1.0
100	QPSK	135	69	19.28	19.33	19.20	21.0	0.0
100	QPSK	135	138	18.30	18.39	18.24	20.0	1.0
100	QPSK	270	0	18.33	18.43	18.29		
100	16QAM	1	1	18.01	18.11	18.06	20.0	1.0
100	64QAM	1	1	16.85	16.96	16.83	18.5	2.5
100	256QAM	1	1	14.68	14.78	14.71	16.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.22	19.28	19.18	21.0	0.0
Channel				648334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.28	19.30	19.21	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.28	19.34	19.22	21.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.23	19.29	19.18	21.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.24	19.34	19.22	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.28	19.29	19.17	21.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.28	19.35	19.25	21.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.20	19.31	19.19	21.0	0.0

Part27O n77 PC2 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.18	22.31	22.10	24.0	0.0
100	PI/2 BPSK	1	137	22.13	22.23	22.08		
100	PI/2 BPSK	1	271	22.09	22.16	22.17		
100	PI/2 BPSK	135	0	22.11	22.19	22.00	23.5	0.5
100	PI/2 BPSK	135	69	22.18	22.27	22.08	24.0	0.0
100	PI/2 BPSK	135	138	22.11	22.23	21.97	23.5	0.5
100	PI/2 BPSK	270	0	22.18	22.29	22.08		
100	QPSK	1	1	22.26	22.34	22.18	24.0	0.0
100	QPSK	1	137	22.18	22.30	22.11		
100	QPSK	1	271	22.15	22.20	22.04		
100	QPSK	135	0	21.79	21.98	21.92	23.0	1.0
100	QPSK	135	69	22.19	22.28	22.08	24.0	0.0
100	QPSK	135	138	21.89	21.95	21.82	23.0	1.0
100	QPSK	270	0	21.94	21.99	21.83		
100	16QAM	1	1	21.87	21.96	21.72	23.0	1.0
100	64QAM	1	1	20.46	20.42	20.37	21.5	2.5
100	256QAM	1	1	18.42	18.47	18.28	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.15	22.24	22.12	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.12	22.20	22.11	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.18	22.27	22.10	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.18	22.27	22.06	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.18	22.22	22.04	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.18	22.29	22.13	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.15	22.21	22.03	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.24	22.29	22.22	24.0	0.0

Part27Q n77 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.43		21.0	0.0
100	PI/2 BPSK	1	137		20.39			
100	PI/2 BPSK	1	271		20.21			
100	PI/2 BPSK	135	0		19.87		20.5	0.5
100	PI/2 BPSK	135	69		20.38		21.0	0.0
100	PI/2 BPSK	135	138		19.81		20.5	0.5
100	PI/2 BPSK	270	0		19.83			
100	QPSK	1	1		20.47		21.0	0.0
100	QPSK	1	137		20.41			
100	QPSK	1	271		20.32			
100	QPSK	135	0		19.38		20.0	1.0
100	QPSK	135	69		20.41		21.0	0.0
100	QPSK	135	138		19.26		20.0	1.0
100	QPSK	270	0		19.33			
100	16QAM	1	1		19.36		20.0	1.0
100	64QAM	1	1		17.87		18.5	2.5
100	256QAM	1	1		15.74		16.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.32	20.39	20.35	21.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.30	20.42	20.27	21.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.35	20.32	20.33	21.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.33	20.41	20.27	21.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.36	20.32	20.30	21.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.29	20.42	20.30	21.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.31	20.35	20.25	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.31	20.34	20.29	21.0	0.0

Part27Q n77 PC2 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.35		24.0	0.0
100	PI/2 BPSK	1	137		23.27			
100	PI/2 BPSK	1	271		23.02			
100	PI/2 BPSK	135	0		23.28		23.5	0.5
100	PI/2 BPSK	135	69		23.30		24.0	0.0
100	PI/2 BPSK	135	138		22.98		23.5	0.5
100	PI/2 BPSK	270	0		23.03			
100	QPSK	1	1		23.39		24.0	0.0
100	QPSK	1	137		23.31			
100	QPSK	1	271		22.78			
100	QPSK	135	0		22.11		23.0	1.0
100	QPSK	135	69		23.32		24.0	0.0
100	QPSK	135	138		22.79		23.0	1.0
100	QPSK	270	0		22.84			
100	16QAM	1	1		22.34		23.0	1.0
100	64QAM	1	1		21.46		21.5	2.5
100	256QAM	1	1		18.51		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.22	23.29	23.17	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.19	23.27	23.24	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.22	23.32	23.23	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.26	23.29	23.25	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.25	23.31	23.24	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.21	23.27	23.16	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.24	23.29	23.15	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.21	23.30	23.25	24.0	0.0

Part27O n78 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.67		21.0	0.0
100	PI/2 BPSK	1	137		19.64			
100	PI/2 BPSK	1	271		19.59			
100	PI/2 BPSK	135	0		19.24		20.5	0.5
100	PI/2 BPSK	135	69		19.72		21.0	0.0
100	PI/2 BPSK	135	138		19.17		20.5	0.5
100	PI/2 BPSK	270	0		19.21			
100	QPSK	1	1		19.73		21.0	0.0
100	QPSK	1	137		19.69			
100	QPSK	1	271		19.63			
100	QPSK	135	0		18.72		20.0	1.0
100	QPSK	135	69		19.66		21.0	0.0
100	QPSK	135	138		18.67		20.0	1.0
100	QPSK	270	0		18.92			
100	16QAM	1	1		18.66		20.0	1.0
100	64QAM	1	1		17.22		18.5	2.5
100	256QAM	1	1		15.06		16.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.55	19.64	19.58	21.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.58	19.59	19.53	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.59	19.62	19.56	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.59	19.67	19.59	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.56	19.63	19.56	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.64	19.65	19.52	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.61	19.68	19.51	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.59	19.58	19.52	21.0	0.0

Part27O n78 PC2 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.75		24.0	0.0
100	PI/2 BPSK	1	137		22.70			
100	PI/2 BPSK	1	271		22.62			
100	PI/2 BPSK	135	0		22.57		23.5	0.5
100	PI/2 BPSK	135	69		22.71		24.0	0.0
100	PI/2 BPSK	135	138		22.52		23.5	0.5
100	PI/2 BPSK	270	0		22.56			
100	QPSK	1	1		22.78		24.0	0.0
100	QPSK	1	137		22.71			
100	QPSK	1	271		22.65			
100	QPSK	135	0		22.01		23.0	1.0
100	QPSK	135	69		22.73		24.0	0.0
100	QPSK	135	138		22.02		23.0	1.0
100	QPSK	270	0		22.06			
100	16QAM	1	1		21.83		23.0	1.0
100	64QAM	1	1		20.45		21.5	2.5
100	256QAM	1	1		18.62		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.66	22.65	22.56	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.62	22.73	22.59	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.62	22.71	22.56	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.69	22.65	22.62	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.60	22.72	22.61	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.61	22.65	22.55	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.61	22.70	22.57	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.61	22.67	22.58	24.0	0.0

Part27Q n78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.73		21.0	0.0
100	PI/2 BPSK	1	137		20.69			
100	PI/2 BPSK	1	271		20.15			
100	PI/2 BPSK	135	0		20.28		20.5	0.5
100	PI/2 BPSK	135	69		20.66		21.0	0.0
100	PI/2 BPSK	135	138		20.01		20.5	0.5
100	PI/2 BPSK	270	0		20.06			
100	QPSK	1	1		20.77		21.0	0.0
100	QPSK	1	137		20.71			
100	QPSK	1	271		20.22			
100	QPSK	135	0		19.75		20.0	1.0
100	QPSK	135	69		20.70		21.0	0.0
100	QPSK	135	138		19.52		20.0	1.0
100	QPSK	270	0		19.58			
100	16QAM	1	1		19.74		20.0	1.0
100	64QAM	1	1		18.34		18.5	2.5
100	256QAM	1	1		16.15		16.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.66	20.69	20.62	21.0	0.0
Channel				633668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.65	20.68	20.55	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.64	20.71	20.56	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.57	20.63	20.58	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.66	20.68	20.57	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.62	20.68	20.60	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.61	20.66	20.54	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.59	20.70	20.60	21.0	0.0

Part27Q n78 PC2 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.67		24.0	0.0
100	PI/2 BPSK	1	137		23.63			
100	PI/2 BPSK	1	271		23.15			
100	PI/2 BPSK	135	0		23.15		23.5	0.5
100	PI/2 BPSK	135	69		23.62		24.0	0.0
100	PI/2 BPSK	135	138		23.41		23.5	0.5
100	PI/2 BPSK	270	0		23.46			
100	QPSK	1	1		23.72		24.0	0.0
100	QPSK	1	137		23.69			
100	QPSK	1	271		23.18			
100	QPSK	135	0		22.78		23.0	1.0
100	QPSK	135	69		23.67		24.0	0.0
100	QPSK	135	138		22.88		23.0	1.0
100	QPSK	270	0		22.95			
100	16QAM	1	1		22.75		23.0	1.0
100	64QAM	1	1		20.63		21.5	2.5
100	256QAM	1	1		18.74		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.56	23.63	23.53	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.53	23.63	23.59	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.59	23.64	23.52	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.56	23.61	23.54	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.57	23.66	23.52	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.61	23.58	23.57	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.59	23.64	23.52	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.59	23.60	23.55	24.0	0.0

n2 Ant 4 DSI2 Sig path: 164

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.49	16.52	16.49	18.0	0.0
20	PI/2 BPSK	1	53	16.41	16.54	16.49		
20	PI/2 BPSK	1	104	16.38	16.66	16.51		
20	PI/2 BPSK	50	0	16.49	16.46	16.50	18.0	0.0
20	PI/2 BPSK	50	28	16.68	16.56	16.43	18.0	0.0
20	PI/2 BPSK	50	56	16.42	16.42	16.47	18.0	0.0
20	PI/2 BPSK	100	0	16.60	16.61	16.49		
20	QPSK	1	1	16.70	16.78	16.65	18.0	0.0
20	QPSK	1	53	16.49	16.65	16.49		
20	QPSK	1	104	16.46	16.39	16.38		
20	QPSK	50	0	16.42	16.66	16.61	18.0	0.0
20	QPSK	50	28	16.67	16.73	16.72	18.0	0.0
20	QPSK	50	56	16.50	16.58	16.48	18.0	0.0
20	QPSK	100	0	16.55	16.61	16.60		
20	16QAM	1	1	16.43	16.33	16.55	18.0	0.0
20	64QAM	1	1	16.51	16.61	16.41	18.0	0.0
20	256QAM	1	1	16.54	16.49	16.45	18.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.67	16.71	16.46	18.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.54	16.59	16.58	18.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.65	16.68	16.52	18.0	0.0

Reduced Power Mode for Main PA DSI2 ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.72	16.68	16.78	18.0	0.0
20	PI/2 BPSK	1	53	16.62	16.70	16.47		
20	PI/2 BPSK	1	104	16.57	16.73	16.54		
20	PI/2 BPSK	50	0	16.64	16.62	16.49	18.0	0.0
20	PI/2 BPSK	50	28	16.76	16.55	16.58	18.0	0.0
20	PI/2 BPSK	50	56	16.52	16.59	16.58	18.0	0.0
20	PI/2 BPSK	100	0	16.62	16.77	16.70		
20	QPSK	1	1	16.80	16.89	16.73	18.0	0.0
20	QPSK	1	53	16.66	16.58	16.77		
20	QPSK	1	104	16.58	16.56	16.61		
20	QPSK	50	0	16.66	16.75	16.68	18.0	0.0
20	QPSK	50	28	16.75	16.84	16.80	18.0	0.0
20	QPSK	50	56	16.77	16.70	16.53	18.0	0.0
20	QPSK	100	0	16.65	16.78	16.76		
20	16QAM	1	1	16.52	16.49	16.58	18.0	0.0
20	64QAM	1	1	16.68	16.75	16.52	18.0	0.0
20	256QAM	1	1	16.62	16.71	16.57	18.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.71	16.75	16.70	18.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.78	16.86	16.63	18.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.71	16.86	16.67	18.0	0.0

n5 Ant 4 DSI2 Sig path: 168

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	19.02	18.92	19.03	19.5	0.0
20	PI/2 BPSK	1	53	18.92	18.99	18.91		
20	PI/2 BPSK	1	104	18.72	18.89	18.63		
20	PI/2 BPSK	50	0	18.92	18.86	19.03	19.5	0.0
20	PI/2 BPSK	50	28	18.79	19.08	19.00	19.5	0.0
20	PI/2 BPSK	50	56	19.04	19.02	18.73	19.5	0.0
20	PI/2 BPSK	100	0	18.91	18.97	18.93		
20	QPSK	1	1	18.91	19.19	18.96	19.5	0.0
20	QPSK	1	53	18.96	19.03	18.95		
20	QPSK	1	104	18.84	18.83	18.82		
20	QPSK	50	0	18.92	19.00	18.83	19.5	0.0
20	QPSK	50	28	18.73	19.07	18.82	19.5	0.0
20	QPSK	50	56	18.76	19.02	18.94	19.5	0.0
20	QPSK	100	0	18.97	19.01	18.90		
20	16QAM	1	1	18.13	18.43	18.06	19.5	0.0
20	64QAM	1	1	19.09	18.87	19.04	19.5	0.0
20	256QAM	1	1	18.54	18.69	18.54	19.0	0.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	18.79	19.02	18.84	19.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	18.76	19.02	18.91	19.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	18.84	19.11	18.80	19.5	0.0

n5 Ant 4 DSI2 Sig path: 414

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	18.73	18.88	18.90	19.5	0.0
20	PI/2 BPSK	1	53	18.85	18.80	18.66		
20	PI/2 BPSK	1	104	18.69	18.80	18.67		
20	PI/2 BPSK	50	0	18.86	18.86	18.86	19.5	0.0
20	PI/2 BPSK	50	28	18.69	18.81	19.00	19.5	0.0
20	PI/2 BPSK	50	56	18.91	18.91	18.59	19.5	0.0
20	PI/2 BPSK	100	0	18.74	18.84	18.98		
20	QPSK	1	1	18.87	19.09	18.82	19.5	0.0
20	QPSK	1	53	18.70	18.89	18.80		
20	QPSK	1	104	18.61	18.82	18.80		
20	QPSK	50	0	18.81	18.84	18.76	19.5	0.0
20	QPSK	50	28	18.51	18.88	18.82	19.5	0.0
20	QPSK	50	56	18.80	18.80	18.73	19.5	0.0
20	QPSK	100	0	18.80	18.82	18.79		
20	16QAM	1	1	18.65	18.61	18.12	19.5	0.0
20	64QAM	1	1	18.78	18.80	18.91	19.5	0.0
20	256QAM	1	1	18.38	18.62	18.43	19.0	0.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	18.82	19.13	18.95	19.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	18.71	18.97	18.80	19.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	18.93	19.12	18.82	19.5	0.0

n12 Ant 4 DSI2 Sig path: 172

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.16	23.22	23.11	24.0	0.0
15	PI/2 BPSK	1	40	23.06	23.17	23.07		
15	PI/2 BPSK	1	77	23.01	23.13	22.99		
15	PI/2 BPSK	36	0	22.64	22.75	22.66	23.5	0.5
15	PI/2 BPSK	36	22	23.11	23.17	23.07	24.0	0.0
15	PI/2 BPSK	36	43	22.56	22.69	22.61	23.5	0.5
15	PI/2 BPSK	75	0	22.65	22.77	22.67		
15	QPSK	1	1	23.19	23.23	23.15	24.0	0.0
15	QPSK	1	40	23.07	23.18	23.09		
15	QPSK	1	77	22.98	23.08	23.00		
15	QPSK	36	0	22.23	22.29	22.17	23.0	1.0
15	QPSK	36	22	23.07	23.15	23.00	24.0	0.0
15	QPSK	36	43	22.08	22.16	22.09	23.0	1.0
15	QPSK	75	0	22.15	22.23	22.11		
15	16QAM	1	1	22.34	22.46	22.39	23.0	1.0
15	64QAM	1	1	20.45	20.53	20.39	21.5	2.5
	256QAM	1	1	18.92	19.06	19.01	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.04	23.16	23.04	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.08	23.11	23.02	24.0	0.0

n12 Ant 4 DSI2 Sig path: 417

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.93	23.02	22.93	24.0	0.0
15	PI/2 BPSK	1	40	22.87	22.97	22.93		
15	PI/2 BPSK	1	77	22.91	22.95	22.89		
15	PI/2 BPSK	36	0	22.49	22.63	22.44	23.5	0.5
15	PI/2 BPSK	36	22	22.99	22.95	22.89	24.0	0.0
15	PI/2 BPSK	36	43	22.42	22.55	22.42	23.5	0.5
15	PI/2 BPSK	75	0	22.51	22.58	22.57		
15	QPSK	1	1	23.00	23.06	22.99	24.0	0.0
15	QPSK	1	40	22.97	22.98	22.81		
15	QPSK	1	77	22.86	23.02	22.88		
15	QPSK	36	0	22.05	22.11	22.05	23.0	1.0
15	QPSK	36	22	22.75	22.89	22.78	24.0	0.0
15	QPSK	36	43	21.84	22.02	21.90	23.0	1.0
15	QPSK	75	0	21.87	22.05	21.92		
15	16QAM	1	1	22.13	22.24	22.12	23.0	1.0
15	64QAM	1	1	20.32	20.48	20.32	21.5	2.5
	256QAM	1	1	18.94	19.09	19.07	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.95	23.05	22.88	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.84	22.98	22.84	24.0	0.0

n25 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	17.09	16.96	17.09	18.0	0.0
40	PI/2 BPSK	1	108	17.00	17.00	16.73		
40	PI/2 BPSK	1	214	16.89	17.00	16.80		
40	PI/2 BPSK	108	0	16.87	16.95	16.88	18.0	0.0
40	PI/2 BPSK	108	54	17.12	16.83	16.81	18.0	0.0
40	PI/2 BPSK	108	108	16.78	16.89	16.98	18.0	0.0
40	PI/2 BPSK	216	0	16.92	17.04	17.05		
40	QPSK	1	1	17.09	17.16	17.11	18.0	0.0
40	QPSK	1	108	17.04	16.97	17.10		
40	QPSK	1	214	16.80	16.85	16.84		
40	QPSK	108	0	16.87	17.10	16.95	18.0	0.0
40	QPSK	108	54	17.08	17.14	17.11	18.0	0.0
40	QPSK	108	108	17.07	17.06	16.84	18.0	0.0
40	QPSK	216	0	16.97	17.11	17.03		
40	16QAM	1	1	16.86	16.71	16.89	18.0	0.0
40	64QAM	1	1	16.95	17.12	16.88	18.0	0.0
40	256QAM	1	1	16.85	16.97	16.81	18.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	16.94	17.06	16.98	18.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	16.97	17.08	16.98	18.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	17.06	17.03	17.08	18.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	17.07	17.07	17.04	18.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	17.06	17.08	16.91	18.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	17.02	17.05	16.95	18.0	0.0

n66 Ant 4 DSI2 Sig path: 174

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	13.33	13.30	13.27	14.0	0.0
40	PI/2 BPSK	1	108	13.22	13.34	13.07		
40	PI/2 BPSK	1	214	13.20	13.34	13.20		
40	PI/2 BPSK	108	0	13.40	13.17	13.16	14.0	0.0
40	PI/2 BPSK	108	54	13.24	13.14	13.22	14.0	0.0
40	PI/2 BPSK	108	108	12.96	13.02	13.28	14.0	0.0
40	PI/2 BPSK	216	0	13.26	13.30	13.26		
40	QPSK	1	1	13.43	13.49	13.38	14.0	0.0
40	QPSK	1	108	13.20	13.26	13.28		
40	QPSK	1	214	13.16	13.19	13.07		
40	QPSK	108	0	13.13	13.40	13.22	14.0	0.0
40	QPSK	108	54	13.39	13.43	13.31	14.0	0.0
40	QPSK	108	108	13.39	13.28	13.10	14.0	0.0
40	QPSK	216	0	13.29	13.40	13.24		
40	16QAM	1	1	13.02	13.10	13.33	14.0	0.0
40	64QAM	1	1	13.11	13.37	13.12	14.0	0.0
40	256QAM	1	1	13.07	13.39	13.27	14.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	13.36	13.46	13.33	14.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	13.23	13.29	13.32	14.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	13.32	13.24	13.20	14.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	13.29	13.27	13.20	14.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	13.38	13.25	13.22	14.0	0.0

n66 Ant 4 DSI2 Sig path: 432

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	13.29	13.40	13.30	14.0	0.0
40	PI/2 BPSK	1	108	13.21	13.27	13.19		
40	PI/2 BPSK	1	214	13.08	13.39	13.10		
40	PI/2 BPSK	108	0	13.39	13.28	12.99	14.0	0.0
40	PI/2 BPSK	108	54	13.24	13.20	13.24	14.0	0.0
40	PI/2 BPSK	108	108	13.19	13.22	13.27	14.0	0.0
40	PI/2 BPSK	216	0	13.28	13.28	13.19		
40	QPSK	1	1	13.37	13.45	13.39	14.0	0.0
40	QPSK	1	108	13.14	13.26	13.36		
40	QPSK	1	214	13.24	13.28	13.23		
40	QPSK	108	0	13.29	13.26	13.09	14.0	0.0
40	QPSK	108	54	13.27	13.42	13.39	14.0	0.0
40	QPSK	108	108	13.28	13.27	13.24	14.0	0.0
40	QPSK	216	0	13.33	13.36	13.31		
40	16QAM	1	1	13.12	13.01	13.07	14.0	0.0
40	64QAM	1	1	13.17	13.33	13.13	14.0	0.0
40	256QAM	1	1	13.15	13.28	13.22	14.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	13.26	13.24	13.24	14.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	13.32	13.42	13.24	14.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	13.24	13.37	13.28	14.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	13.21	13.34	13.17	14.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	13.32	13.27	13.33	14.0	0.0

n71 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.87	22.98	22.92	24.0	0.0
20	PI/2 BPSK	1	53	22.78	22.91	22.83		
20	PI/2 BPSK	1	104	22.68	22.76	22.63		
20	PI/2 BPSK	50	0	22.46	22.57	22.46	23.5	0.5
20	PI/2 BPSK	50	28	22.86	22.95	22.89	24.0	0.0
20	PI/2 BPSK	50	56	22.34	22.45	22.39	23.5	0.5
20	PI/2 BPSK	100	0	22.42	22.57	22.47		
20	QPSK	1	1	22.91	23.05	22.97	24.0	0.0
20	QPSK	1	53	22.80	22.92	22.86		
20	QPSK	1	104	22.68	22.76	22.70		
20	QPSK	50	0	21.86	21.96	21.81	23.0	1.0
20	QPSK	50	28	22.92	22.97	22.90	24.0	0.0
20	QPSK	50	56	21.85	21.95	21.88	23.0	1.0
20	QPSK	100	0	22.00	22.07	22.01		
20	16QAM	1	1	22.31	22.37	22.23	23.0	1.0
20	64QAM	1	1	20.18	20.30	20.25	21.5	2.5
20	256QAM	1	1	18.66	18.73	18.65	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.83	22.94	22.92	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.80	22.98	22.86	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.78	22.91	22.86	24.0	0.0

Part27O n77 Ant 5 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.17	12.25	12.35	12.5	0.0
100	PI/2 BPSK	1	137	12.08	12.22	12.09		
100	PI/2 BPSK	1	271	12.10	12.11	12.17		
100	PI/2 BPSK	135	0	12.11	12.27	11.97	12.5	0.0
100	PI/2 BPSK	135	69	12.26	12.17	12.26	12.5	0.0
100	PI/2 BPSK	135	138	12.01	12.08	12.10	12.5	0.0
100	PI/2 BPSK	270	0	12.25	12.33	12.21		
100	QPSK	1	1	12.27	12.36	12.15	12.5	0.0
100	QPSK	1	137	12.24	12.20	12.20		
100	QPSK	1	271	12.24	12.04	11.99		
100	QPSK	135	0	12.10	12.25	12.17	12.5	0.0
100	QPSK	135	69	12.28	12.29	12.18	12.5	0.0
100	QPSK	135	138	12.17	12.21	12.26	12.5	0.0
100	QPSK	270	0	12.12	12.27	12.14		
100	16QAM	1	1	11.98	12.09	12.15	12.5	0.0
100	64QAM	1	1	12.09	12.16	12.00	12.5	0.0
100	256QAM	1	1	12.03	12.23	12.17	12.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	12.11	12.19	12.18	12.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	12.11	12.24	12.21	12.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.17	12.24	12.19	12.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	12.14	12.26	12.21	12.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	12.09	12.18	12.14	12.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.10	12.18	12.18	12.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	12.08	12.23	12.16	12.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	12.08	12.20	12.20	12.5	0.0

Part27O n77 PC2 Ant 5 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.89	15.03	15.01	15.5	0.0
100	PI/2 BPSK	1	137	14.91	15.05	14.75		
100	PI/2 BPSK	1	271	14.83	14.95	14.76		
100	PI/2 BPSK	135	0	14.93	14.94	14.77	15.5	0.0
100	PI/2 BPSK	135	69	14.92	14.79	14.86	15.5	0.0
100	PI/2 BPSK	135	138	14.70	14.83	14.94	15.5	0.0
100	PI/2 BPSK	270	0	14.84	14.91	14.88		
100	QPSK	1	1	15.14	15.17	15.04	15.5	0.0
100	QPSK	1	137	14.91	14.84	14.90		
100	QPSK	1	271	14.78	14.87	14.94		
100	QPSK	135	0	14.85	14.80	14.94	15.5	0.0
100	QPSK	135	69	15.07	15.10	15.03	15.5	0.0
100	QPSK	135	138	15.05	14.86	14.93	15.5	0.0
100	QPSK	270	0	14.98	15.04	14.96		
100	16QAM	1	1	14.85	14.77	14.90	15.5	0.0
100	64QAM	1	1	14.93	14.88	14.72	15.5	0.0
100	256QAM	1	1	14.73	14.96	14.88	15.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.00	15.05	15.06	15.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.06	15.03	14.97	15.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.03	15.08	15.06	15.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.03	15.07	15.01	15.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.10	15.04	15.00	15.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.07	15.10	15.08	15.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.10	15.02	15.05	15.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.09	15.02	15.00	15.5	0.0

Part27Q n77 Ant 5 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		11.22		12.5	0.0
100	PI/2 BPSK	1	137		11.40			
100	PI/2 BPSK	1	271		11.14			
100	PI/2 BPSK	135	0		11.36		12.5	0.0
100	PI/2 BPSK	135	69		11.33		12.5	0.0
100	PI/2 BPSK	135	138		11.13		12.5	0.0
100	PI/2 BPSK	270	0		11.35			
100	QPSK	1	1		11.45		12.5	0.0
100	QPSK	1	137		11.26			
100	QPSK	1	271		11.20			
100	QPSK	135	0		11.31		12.5	0.0
100	QPSK	135	69		11.36		12.5	0.0
100	QPSK	135	138		11.21		12.5	0.0
100	QPSK	270	0		11.24			
100	16QAM	1	1		11.22		12.5	0.0
100	64QAM	1	1		11.41		12.5	0.0
100	256QAM	1	1		11.31		12.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	11.16	11.20	11.15	12.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	11.16	11.22	11.21	12.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	11.22	11.20	11.13	12.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	11.20	11.26	11.21	12.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	11.20	11.23	11.19	12.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	11.23	11.22	11.15	12.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	11.21	11.25	11.16	12.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	11.22	11.25	11.21	12.5	0.0

Part27Q n77 PC2 Ant 5 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.30		15.5	0.0
100	PI/2 BPSK	1	137		14.44			
100	PI/2 BPSK	1	271		14.26			
100	PI/2 BPSK	135	0		14.14		15.5	0.0
100	PI/2 BPSK	135	69		14.21		15.5	0.0
100	PI/2 BPSK	135	138		14.11		15.5	0.0
100	PI/2 BPSK	270	0		14.29			
100	QPSK	1	1		14.46		15.5	0.0
100	QPSK	1	137		14.26			
100	QPSK	1	271		14.11			
100	QPSK	135	0		14.28		15.5	0.0
100	QPSK	135	69		14.39		15.5	0.0
100	QPSK	135	138		14.18		15.5	0.0
100	QPSK	270	0		14.34			
100	16QAM	1	1		14.12		15.5	0.0
100	64QAM	1	1		14.26		15.5	0.0
100	256QAM	1	1		14.20		15.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.24	14.28	14.22	15.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.24	14.28	14.27	15.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.27	14.32	14.22	15.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.24	14.30	14.30	15.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.31	14.31	14.24	15.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.25	14.36	14.26	15.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.25	14.35	14.27	15.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.29	14.27	14.20	15.5	0.0

Part27O n78 Ant 5 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		11.71		12.5	0.0
100	PI/2 BPSK	1	137		11.79			
100	PI/2 BPSK	1	271		11.67			
100	PI/2 BPSK	135	0		11.81		12.5	0.0
100	PI/2 BPSK	135	69		11.80		12.5	0.0
100	PI/2 BPSK	135	138		11.60		12.5	0.0
100	PI/2 BPSK	270	0		11.75			
100	QPSK	1	1		11.95		12.5	0.0
100	QPSK	1	137		11.80			
100	QPSK	1	271		11.77			
100	QPSK	135	0		11.76		12.5	0.0
100	QPSK	135	69		11.82		12.5	0.0
100	QPSK	135	138		11.71		12.5	0.0
100	QPSK	270	0		11.84			
100	16QAM	1	1		11.49		12.5	0.0
100	64QAM	1	1		11.73		12.5	0.0
100	256QAM	1	1		11.74		12.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	11.83	11.74	11.69	12.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	11.84	11.82	11.65	12.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	11.75	11.77	11.70	12.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	11.83	11.81	11.62	12.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	11.84	11.82	11.61	12.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	11.76	11.70	11.66	12.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	11.76	11.79	11.63	12.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	11.85	11.82	11.66	12.5	0.0

Part27O n78 PC2 Ant 5 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		14.94		15.5	0.0
100	PI/2 BPSK	1	137		14.94			
100	PI/2 BPSK	1	271		14.79			
100	PI/2 BPSK	135	0		15.01		15.5	0.0
100	PI/2 BPSK	135	69		14.95		15.5	0.0
100	PI/2 BPSK	135	138		14.84		15.5	0.0
100	PI/2 BPSK	270	0		15.03			
100	QPSK	1	1		15.23		15.5	0.0
100	QPSK	1	137		15.04			
100	QPSK	1	271		14.89			
100	QPSK	135	0		15.01		15.5	0.0
100	QPSK	135	69		15.13		15.5	0.0
100	QPSK	135	138		14.85		15.5	0.0
100	QPSK	270	0		15.15			
100	16QAM	1	1		14.79		15.5	0.0
100	64QAM	1	1		14.91		15.5	0.0
100	256QAM	1	1		15.05		15.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.00	15.02	14.40	15.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.00	15.03	14.41	15.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.07	15.06	14.40	15.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.99	15.05	14.45	15.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.06	15.05	14.45	15.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.05	15.10	14.42	15.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.99	15.03	14.41	15.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.08	15.03	14.49	15.5	0.0