

Full & Default & DSI4 Power

GSM850 Ant 0		Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		128	188	251		128	188	251	
Frequency (MHz)		824.2	836.4	848.8	(dbm)	824.2	836.4	848.8	(dbm)
GPRS 1 Tx slot		32.92	33.05	32.96		23.92	24.05	23.96	
GPRS 2 Tx slots		29.70	29.49	29.75	30.50	23.70	23.49	23.75	24.50
GPRS 3 Tx slots		27.89	27.69	27.64	28.50	23.63	23.43	23.38	24.24
GPRS 4 Tx slots		26.21	26.27	26.14	27.50	23.21	23.27	23.14	24.50

Band		WCDMA V Ant 0			Tune-up Limit (dbm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	(dbm)
Frequency (MHz)		826.4	836.4	848.6	
3GPP Rel 99	IMT 12.2kbps	22.87	22.93	22.77	24.00

Band 5 Ant 0								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				830	835.5	844		
10	QPSK	1	0	22.76	22.92	22.79	24	0
10	QPSK	1	25	22.58	22.87	22.87		
10	QPSK	1	49	22.70	22.81	22.74		
10	QPSK	25	0	21.82	22.03	21.90	23	1
10	QPSK	25	12	21.96	21.77	21.94		
10	QPSK	25	25	21.99	21.89	21.77		
10	QPSK	50	0	21.87	21.99	21.84		

Band 26 Ant 0								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	23.05	22.79	24	0
15	QPSK	1	37	22.78	22.68	22.59		
15	QPSK	1	74	22.73	22.89	22.72		
15	QPSK	36	0	21.79	21.86	21.75	23	1
15	QPSK	36	20	21.76	21.79	21.70		
15	QPSK	36	39	21.76	21.76	21.76		
15	QPSK	75	0	21.63	21.74	21.70		

GSM1900 Ant 1		Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1850	1900.8		1850.2	1850	1900.8	
GPRS 1 Tx slot		28.91	28.93	28.79	30.50	19.91	19.93	19.79	21.50
GPRS 2 Tx slots		25.38	25.47	25.58	26.50	19.38	19.47	19.58	20.50
GPRS 3 Tx slots		23.76	23.48	23.67	25.00	19.50	19.22	19.41	20.74
GPRS 4 Tx slots		22.10	22.18	22.22	23.50	19.10	19.18	19.22	20.50

Band		WCDMA 8 Ant 1			Tune-up Limit (dbm)
TX Channel		9602	9600	9638	
Rx Channel		9662	9600	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	RMC 12.2Kbps	22.60	22.79	22.65	24.00

Band 2 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				19700	19900	19100	24	0
Frequency (MHz)				1960	1980	1900		
20	QPSK	1	0	22.40	22.61	22.55		
20	QPSK	1	49	22.27	22.56	22.42	23	1
20	QPSK	1	99	22.36	22.51	22.53		
20	QPSK	50	0	21.48	21.56	21.39		
20	QPSK	50	24	21.51	21.32	21.46		
20	QPSK	50	50	21.48	21.37	21.47		
20	QPSK	100	0	21.47	21.56	21.53		

Band 7 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350	24	0
Frequency (MHz)				2080	2095	2090		
20	QPSK	1	0	22.60	23.01	22.71		
20	QPSK	1	49	22.75	22.66	22.66	23	1
20	QPSK	1	99	22.62	22.61	22.62		
20	QPSK	50	0	21.71	21.95	21.93		
20	QPSK	50	24	21.76	21.79	21.90		
20	QPSK	50	50	21.72	21.72	21.85		
20	QPSK	100	0	21.77	21.84	21.63		

Band 38 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch/Freq.	Power Middle Ch/Freq.	Power High Ch/Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.90	23.12	23.01	24	0		
20	QPSK	1	49	22.87	22.92	22.83				
20	QPSK	1	99	22.79	22.74	22.80				
20	QPSK	50	0	21.94	22.05	21.93				
20	QPSK	50	24	21.91	21.83	21.75	23	1		
20	QPSK	50	50	21.75	21.71	21.56				
20	QPSK	100	0	21.92	21.97	21.95				
20	16QAM	1	0	21.90	21.62	21.65				
20	16QAM	1	49	21.75	21.68	21.66	23	1		
20	16QAM	1	99	21.83	21.83	21.87				
20	16QAM	50	0	20.67	20.85	20.82				
20	16QAM	50	24	20.78	20.48	20.40				
20	16QAM	50	50	20.80	20.53	20.68	22	2		
20	16QAM	100	0	20.56	20.78	20.43				
20	16QAM	1	0	20.61	20.64	20.59				
20	16QAM	1	49	20.96	20.87	20.84				
20	16QAM	1	99	20.89	20.72	20.84	22	2		
20	16QAM	50	0	19.73	19.81	19.88				
20	16QAM	50	24	19.78	19.87	19.72				
20	16QAM	50	50	19.74	19.52	19.77				
20	16QAM	100	0	19.73	19.72	19.69	21	3		
20	256QAM	1	0	17.62	17.71	17.48				
20	256QAM	1	49	17.73	17.87	17.82				
20	256QAM	1	99	17.56	17.59	17.62				
20	256QAM	50	0	17.56	17.58	17.63	24	0		
20	256QAM	50	24	17.57	17.57	17.51				
20	256QAM	50	50	17.56	17.58	17.57				
20	256QAM	100	0	17.67	17.63	17.61				
20	256QAM	1	0	17.63	17.63	17.63				
20	256QAM	1	49	17.63	17.63	17.63				
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.75	22.97	22.92	24	0		
15	QPSK	1	49	22.93	22.73	22.73				
15	QPSK	1	99	22.61	22.71	22.77				
15	QPSK	36	0	21.77	22.00	21.90				
15	QPSK	36	24	21.63	21.90	21.80	23	1		
15	QPSK	36	39	21.66	21.80	21.91				
15	QPSK	75	0	21.91	21.99	21.89				
15	16QAM	1	0	21.79	21.85	21.86				
15	16QAM	1	37	21.73	21.82	21.86	23	1		
15	16QAM	1	74	21.94	21.89	21.71				
15	16QAM	36	0	20.65	20.64	20.75				
15	16QAM	36	20	20.76	20.49	20.69				
15	16QAM	36	39	20.80	20.50	20.54	22	2		
15	16QAM	75	0	20.43	20.69	20.62				
15	16QAM	1	0	20.57	20.53	20.60				
15	16QAM	1	37	20.39	20.67	20.63				
15	16QAM	1	74	20.61	20.58	20.74	22	2		
15	16QAM	36	0	19.66	19.66	19.73				
15	16QAM	36	20	19.76	19.57	19.58				
15	16QAM	36	39	19.64	19.57	19.72				
15	16QAM	75	0	19.68	19.74	19.59	21	3		
15	256QAM	1	0	17.74	17.65	17.65				
15	256QAM	1	37	17.81	17.85	17.68				
15	256QAM	1	74	17.55	17.58	17.64				
15	256QAM	36	0	17.61	17.68	17.68	19	5		
15	256QAM	36	20	17.50	17.50	17.75				
15	256QAM	36	39	17.57	17.68	17.61				
15	256QAM	75	0	17.57	17.61	17.58				
15	256QAM	1	0	17.61	17.61	17.61	19	5		
15	256QAM	1	37	17.62	17.75	17.64				
15	256QAM	1	74	17.55	17.58	17.64				
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.85	23.01	22.93			24	0
10	QPSK	1	49	22.70	22.74	22.86				
10	QPSK	25	0	21.83	22.07	21.86				
10	QPSK	25	21	21.83	21.89	21.85				
10	QPSK	25	25	21.79	21.59	22.01	23	1		
10	QPSK	50	0	21.81	21.98	21.95				
10	16QAM	1	0	21.81	21.70	22.01				
10	16QAM	1	49	21.83	21.93	21.62				
10	16QAM	25	0	20.68	20.65	20.77	23	1		
10	16QAM	25	24	20.62	20.53	20.74				
10	16QAM	25	25	20.67	20.52	20.74				
10	16QAM	50	0	20.45	20.71	20.44				
10	16QAM	1	0	20.52	20.62	20.51	22	2		
10	16QAM	1	25	20.53	20.57	20.71				
10	16QAM	1	49	20.56	20.58	20.86				
10	16QAM	25	0	19.74	19.76	19.76				
10	16QAM	25	12	19.87	19.88	19.89	21	3		
10	16QAM	25	25	19.89	19.52	19.73				
10	16QAM	50	0	19.67	19.63	19.49				
10	256QAM	1	0	17.62	17.75	17.64				
10	256QAM	1	25	17.68	17.72	17.63	19	5		
10	256QAM	1	49	17.50	17.57	17.64				
10	256QAM	25	0	17.62	17.75	17.57				
10	256QAM	25	12	17.63	17.80	17.80				
10	256QAM	25	25	17.56	17.76	17.47	19	5		
10	256QAM	50	0	17.63	17.63	17.61				
10	256QAM	50	0	17.63	17.63	17.63				
10	256QAM	50	0	17.63	17.63	17.63				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.74	22.96	23.00	24	0		
5	QPSK	1	12	22.83	22.72	22.78				
5	QPSK	1	24	22.82	22.79	22.81				
5	QPSK	12	0	21.78	21.87	21.87				
5	QPSK	12	7	21.72	21.80	21.65	23	1		
5	QPSK	12	13	21.77	21.70	22.07				
5	QPSK	25	0	21.78	21.97	21.91				
5	16QAM	1	12	21.76	21.92	21.89				
5	16QAM	1	24	21.79	21.81	21.66	23	1		
5	16QAM	12	0	20.57	20.71	20.74				
5	16QAM	12	7	20.86	20.34	20.73				
5	16QAM	12	13	20.67	20.48	20.72				
5	16QAM	25	0	20.54	20.75	20.53	22	2		
5	16QAM	1	0	20.42	20.60	20.58				
5	16QAM	1	12	20.51	20.63	20.71				
5	16QAM	1	24	20.59	20.54	20.76				
5	16QAM	12	0	19.65	19.67	19.73	22	2		
5	16QAM	12	7	19.77	19.63	19.67				
5	16QAM	12	13	19.65	19.68	19.71				
5	16QAM	25	0	19.66	19.62	19.62				
5	256QAM	1	0	17.66	17.74	17.57	21	3		
5	256QAM	1	12	17.83	17.81	17.71				
5	256QAM	1	24	17.62	17.61	17.59				
5	256QAM	12	0	17.77	17.75	17.64				
5	256QAM	12	7	17.80	17.72	17.67	19	5		
5	256QAM	12	13	17.68	17.69	17.67				
5	256QAM	25	0	17.66	17.62	17.59				
5	256QAM	25	0	17.66	17.62	17.59				

Band 41 Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Co./ Freq.	Power Low Mid./ Freq.	Power Middle Co./ Freq.	Power High Mid./ Co./ Freq.	Power High Co./ Freq.	Time-up limit (dBm)	MPR (dB)
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.03	23.05	23.13	22.99	23.07	24	0
20	QPSK	1	49	22.81	22.93	22.81	22.86	22.86		
20	QPSK	1	99	22.82	22.71	22.89	22.69	22.82		
20	QPSK	50	0	21.75	21.88	22.01	21.75	21.89		
20	QPSK	50	24	21.80	21.78	21.73	21.82	21.76	23	1
20	QPSK	50	50	21.49	21.71	21.78	21.78	21.50		
20	QPSK	100	0	21.75	21.74	21.92	21.63	21.81		
20	16QAM	1	0	21.63	21.70	21.69	21.59	21.67		
20	16QAM	1	49	21.61	21.87	21.58	21.89	21.78	23	1
20	16QAM	1	99	21.58	21.71	21.74	21.70	21.83		
20	16QAM	50	0	20.61	20.56	20.87	20.63	20.61		
20	16QAM	50	24	20.75	20.75	20.63	20.58	20.58		
20	16QAM	50	50	20.74	20.85	20.75	20.67	20.73	22	2
20	16QAM	100	0	20.55	20.67	20.65	20.71	20.66		
20	16QAM	1	49	20.62	20.81	20.64	20.40	20.55		
20	16QAM	1	99	20.82	20.51	20.78	20.40	20.55		
20	16QAM	1	99	20.82	20.51	20.78	20.40	20.55	21	3
20	16QAM	50	24	19.61	19.87	19.60	19.76	19.68		
20	16QAM	50	24	19.78	19.71	19.68	19.75	19.67		
20	16QAM	50	50	19.77	19.41	19.64	19.48	19.82		
20	16QAM	100	0	19.78	19.49	19.52	19.62	19.57	19	5
20	256QAM	1	0	17.57	17.76	17.83	17.69	17.82		
20	256QAM	1	49	17.64	17.61	17.62	17.62	17.90		
20	256QAM	1	99	17.52	17.50	17.48	17.68	17.55		
20	256QAM	50	0	17.67	18.06	17.70	17.85	17.75	21	3
20	256QAM	50	24	17.68	17.68	17.78	17.72	17.62		
20	256QAM	50	50	17.63	17.60	17.61	17.77	17.58		
20	256QAM	100	0	17.58	17.91	17.86	17.71	18.02		
Channel										
Frequency (MHz)										
19	QPSK	1	0	22.97	22.98	22.98	22.88	22.91	24	0
19	QPSK	1	37	22.53	22.69	22.76	22.80	22.83		
19	QPSK	1	74	22.72	22.66	22.80	22.65	22.82		
19	QPSK	36	0	21.71	21.85	21.92	21.70	21.82		
19	QPSK	36	20	21.84	21.75	21.85	21.68	21.72	23	1
19	QPSK	36	36	21.44	21.65	21.65	21.73	21.50		
19	QPSK	75	0	21.71	21.70	21.64	21.54	21.77		
19	16QAM	1	0	21.59	21.66	21.64	21.53	21.48		
19	16QAM	1	37	21.59	21.66	21.63	21.50	21.72	23	1
19	16QAM	1	74	21.92	21.66	21.65	21.62	21.75		
19	16QAM	36	0	20.56	20.54	20.79	20.59	20.55		
19	16QAM	36	20	20.68	20.70	20.53	20.68	20.56		
19	16QAM	36	36	20.69	20.55	20.72	20.49	20.71	22	2
19	16QAM	75	0	20.48	20.58	20.61	20.84	20.62		
19	16QAM	1	0	20.45	20.57	20.68	20.34	20.46		
19	16QAM	1	37	20.42	20.44	20.75	20.45	20.69		
19	16QAM	1	74	20.57	20.45	20.48	20.57	20.76	21	3
19	16QAM	36	0	19.57	19.77	19.82	19.72	19.64		
19	16QAM	36	20	20.06	19.68	19.80	19.65	19.57		
19	16QAM	36	36	19.72	19.38	19.58	19.46	19.74		
19	16QAM	75	0	19.68	19.43	19.42	19.53	19.48	19	5
19	256QAM	1	0	17.50	17.67	17.72	17.58	17.43		
19	256QAM	1	37	17.62	17.58	17.74	17.75	17.62		
19	256QAM	1	74	17.48	17.44	17.46	17.63	17.48		
19	256QAM	36	0	17.65	18.03	17.87	17.76	17.60	21	3
19	256QAM	36	20	17.66	17.63	17.75	17.75	17.59		
19	256QAM	36	36	17.54	17.51	17.52	17.70	17.55		
19	256QAM	75	0	17.51	17.87	17.79	17.64	17.94		
Channel										
Frequency (MHz)										
19	QPSK	1	0	22.97	22.98	22.98	22.88	22.91	24	0
19	QPSK	1	37	22.53	22.69	22.76	22.80	22.83		
19	QPSK	1	74	22.72	22.66	22.80	22.65	22.82		
19	QPSK	36	0	21.71	21.85	21.92	21.70	21.82		
19	QPSK	36	20	21.84	21.75	21.85	21.68	21.80	23	1
19	QPSK	36	36	21.44	21.65	21.65	21.73	21.50		
19	QPSK	75	0	21.71	21.70	21.64	21.54	21.77		
19	16QAM	1	0	21.57	21.66	21.68	21.57	21.79		
19	16QAM	1	37	21.59	21.67	21.64	21.57	21.48	23	1
19	16QAM	1	74	21.92	21.66	21.65	21.82	21.72		
19	16QAM	36	0	20.56	20.54	20.79	20.59	20.55		
19	16QAM	36	20	20.68	20.70	20.53	20.68	20.56		
19	16QAM	36	36	20.69	20.55	20.72	20.49	20.71	22	2
19	16QAM	75	0	20.48	20.57	20.71	20.51	20.69		
19	16QAM	1	0	20.45	20.64	20.60	20.65	20.59		
19	16QAM	1	37	20.39	20.53	20.71	20.55	20.48		
19	16QAM	1	74	20.50	20.43	20.82	20.54	20.66	22	2
19	16QAM	1	49	20.37	20.47	20.80	20.59	20.73		
19	16QAM	25	0	19.57	19.62	19.52	19.71	19.64		
19	16QAM	25	12	19.68	19.63	19.79	19.69	19.80		
19	16QAM	25	12	19.68	19.33	19.58	19.41	19.74	21	3
19	16QAM	50	0	19.68	19.44	19.44	19.55	19.51		
19	16QAM	50	1	17.51	17.67	17.60	17.67	17.47		
19	256QAM	1	25	17.57	17.56	17.79	17.69	17.68		
19	256QAM	1	49	17.42	17.40	17.43	17.63	17.50	19	5
19	256QAM	5	0	17.62	17.60	17.68	17.76	17.65		
19	256QAM	25	12	17.64	17.59	17.76	17.83	17.50		
19	256QAM	25	12	17.50	17.50	17.56	17.74	17.50		
Channel										
Frequency (MHz)										
19	QPSK	1	0	22.98	22.95	22.93	22.93	22.97	24	0
19	QPSK	1	12	22.55	22.84	22.78	22.83	22.84		
19	QPSK	1	24	22.75	22.67	22.84	22.64	22.78		
19	QPSK	12	0	21.65	21.81	21.94	21.70	21.85		
19	QPSK	12	0	21.83	21.73	21.73	21.70	21.67	23	1
19	QPSK	12	13	21.71	21.61	21.73	21.75	21.84		
19	QPSK	25	0	21.61	21.67	21.83	21.54	21.77		
19	QPSK	25	0	21.53	21.66	21.87	21.56	21.51		
19	16QAM	1	12	21.51	21.65	21.49	21.84	21.73	23	1
19	16QAM	1	24	21.95	21.61	21.67	21.63	21.78		
19	16QAM	12	0	20.59	20.50	20.84	20.70	20.67		
19	16QAM	12	7	20.75	20.67	20.50	20.39	20.49		
19	16QAM	12	7	20.76	20.57	20.66	20.53	20.64	22	2
19	16QAM	25	0	20.48	20.49	20.58	20.66	20.61		
19	16QAM	1	12	20.41	20.44	20.58	20.70	20.67		
19	16QAM	1	12	20.44	20.46	20.78	20.53	20.67		
19	16QAM	1	24	20.52	20.47	20.75	20.59	20.75	21	3
19	16QAM	12	0	19.54	19.62	19.53	19.70	19.64		
19	16QAM	12	7	19.85	19.62	19.85	19.62	19.91		
19	16QAM	12	13	19.68	19.35	19.66	19.39	19.74		
19	256QAM	1	0	19.74	19.43	19.45	19.53	19.58	19	5
19	256QAM	1	0	17.54	17.73	17.56	17.52	17.42		
19	256QAM	12	12	17.60	17.56	17.75	17.73	17.81		
19	256QAM	1	24	17.46	17.44	17.71	17.66	17.71		
19	256QAM	12	7	17.61	17.68	17.83	17.73	17.58	19	5
19	256QAM	12	7	17.60	17.64	17.70	17.86	17.74		
19	256QAM	12	13	17.60	17.52	17.88	17.71	17.50		
19	256QAM	12	13	17.60	17.52	17.88	17.71	17.50		



Band 2 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int. (dBm)	MTR (dB)	
Channel									
Frequency (MHz)									
				18800	18900	19000			
20	QPSK	1	0	21.94	21.95	21.86	23	0	
20	QPSK	1	49	21.91	21.89	21.69			
20	QPSK	1	99	21.90	21.88	21.91			
20	QPSK	50	0	20.74	20.73	20.73	22	1	
20	QPSK	50	54	20.71	20.76	20.72			
20	QPSK	50	50	20.68	20.92	20.72			
20	QPSK	100	0	20.88	20.91	20.89			

Band 5 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up Intvl (dBm)	MPE (dB)	
Channel									
Frequency (MHz)									
				20450	20495	20500			
				850	856.5	864			
10	QPSK	1	0	22.76	22.67	22.79	24	0	
10	QPSK	1	26	22.76	22.55	22.55			
10	QPSK	1	49	22.62	22.76	22.83			
10	QPSK	25	0	21.62	21.63	21.77	23	1	
10	QPSK	25	18	21.67	21.68	21.68			
10	QPSK	25	25	21.73	21.69	21.65			
10	QPSK	50	0	21.69	21.75	21.71			

Band 7 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int. (dBm)	MTR (dB)	
Channel									
Frequency (MHz)									
				20450	20495	20500			
				20	20	20			
20	QPSK	1	0	22.49	22.57	22.42	24	0	
20	QPSK	1	48	22.31	22.32	22.20			
20	QPSK	1	99	22.21	22.48	22.36			
20	QPSK	50	0	22.44	22.40	22.46	23	1	
20	QPSK	50	54	22.47	22.40	22.58			
20	QPSK	50	50	22.48	22.33	22.42			
20	QPSK	100	0	21.31	21.40	21.30			

Band 26 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
20450 20495 20500									
15	QPSK	1	0	22.59	22.72	22.61	24	0	
15	QPSK	1	37	22.46	22.41	22.52			
15	QPSK	1	74	22.50	22.54	22.53			
15	QPSK	96	0	21.62	21.65	21.67	23	1	
15	QPSK	96	20	21.62	21.67	21.58			
15	QPSK	96	39	21.43	21.30	21.38			
15	QPSK	70	0	21.59	21.49	21.46			

Band 38 Ant 4														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)						
Channel				37600	38000	38160								
Frequency (MHz)				2400	2400	2400								
20	QPSK	1	0	2240	2242	2240	24	0						
20	QPSK	1	49	2238	2226	2233								
20	QPSK	1	99	2222	2210	2211								
20	QPSK	50	0	2138	2157	2139								
20	QPSK	50	24	2122	2146	2139	23	1						
20	QPSK	50	50	2115	2142	2118								
20	QPSK	100	0	2138	2151	2141								
20	16QAM	1	0	2134	2144	2126								
20	16QAM	1	49	2122	2137	2137	23	1						
20	16QAM	1	99	2131	2138	2132								
20	16QAM	50	0	2042	2057	2036								
20	16QAM	50	24	2033	2044	2045								
20	16QAM	50	50	2049	2066	2030	22	2						
20	16QAM	100	0	2030	2045	2040								
20	64QAM	1	0	2032	2056	2028								
20	64QAM	1	49	2036	2060	2034								
20	64QAM	1	99	2048	2057	2045	22	2						
20	64QAM	50	0	1928	1943	1945								
20	64QAM	50	24	1948	1947	1940								
20	64QAM	50	50	1926	1956	1928								
20	64QAM	100	0	1944	1963	1936	21	3						
20	256QAM	1	0	1736	1752	1738								
20	256QAM	1	49	1745	1760	1741								
20	256QAM	1	99	1737	1754	1743								
20	256QAM	50	0	1734	1747	1741	19	5						
20	256QAM	50	24	1734	1747	1742								
20	256QAM	50	50	1742	1767	1730								
20	256QAM	100	0	1745	1760	1740								
Channel														
Frequency (MHz)														
15	QPSK	1	0	2241	2233	2232	24	0						
15	QPSK	1	37	2233	2217	2229								
15	QPSK	1	74	2215	2231	2228								
15	QPSK	36	0	2131	2150	2132								
15	QPSK	36	20	2131	2143	2135	23	1						
15	QPSK	36	39	2106	2134	2114								
15	QPSK	75	0	2132	2149	2138								
15	16QAM	1	0	2131	2142	2118								
15	16QAM	1	37	2139	2154	2139	23	1						
15	16QAM	1	74	2122	2134	2115								
15	16QAM	36	0	2038	2053	2030								
15	16QAM	36	20	2031	2039	2041								
15	16QAM	36	39	2040	2060	2023	22	2						
15	16QAM	75	0	2028	2040	2031								
15	64QAM	1	0	2033	2056	2029								
15	64QAM	1	74	2045	2056	2037								
15	64QAM	36	0	1921	1936	1938	21	3						
15	64QAM	36	20	1941	1942	1937								
15	64QAM	36	39	1918	1958	1920								
15	64QAM	75	0	1936	1958	1934								
15	256QAM	1	0	1727	1746	1735	19	5						
15	256QAM	1	37	1739	1757	1728								
15	256QAM	1	74	1730	1745	1739								
15	256QAM	36	0	1735	1740	1738								
15	256QAM	36	20	1726	1737	1730	19	5						
15	256QAM	36	39	1734	1765	1730								
15	256QAM	75	0	1747	1761	1737								
15	256QAM	75	0	1747	1761	1737								
Channel														
Frequency (MHz)														
10	QPSK	1	0	2238	2239	2236	24	0						
10	QPSK	1	49	2218	2237	2226								
10	QPSK	25	0	2135	2151	2134								
10	QPSK	25	12	2112	2141	2111								
10	QPSK	25	25	2105	2137	2112	23	1						
10	QPSK	50	0	2134	2143	2133								
10	16QAM	1	0	2125	2139	2118								
10	16QAM	1	24	2127	2134	2114								
10	16QAM	25	0	2037	2050	2028	23	1						
10	16QAM	25	12	2030	2045	2040								
10	16QAM	25	25	2045	2062	2023								
10	16QAM	50	0	2022	2036	2035								
10	64QAM	1	0	2023	2063	2021	22	2						
10	64QAM	1	25	2030	2053	2031								
10	64QAM	1	49	2045	2054	2040								
10	64QAM	25	0	1924	1935	1943								
10	64QAM	25	12	1944	1940	1938	21	3						
10	64QAM	25	25	1936	1962	1925								
10	64QAM	50	0	1936	1953	1926								
10	64QAM	50	12	1935	1942	1930								
10	256QAM	1	0	1735	1742	1730	19	5						
10	256QAM	1	25	1735	1758	1734								
10	256QAM	1	49	1730	1749	1735								
10	256QAM	25	0	1736	1742	1737								
10	256QAM	25	12	1731	1739	1737	19	5						
10	256QAM	25	25	1740	1761	1732								
10	256QAM	50	0	1727	1757	1727								
10	256QAM	50	0	1727	1757	1727								
Channel														
Frequency (MHz)														
5	QPSK	1	0	2240	2234	2233	24	0						
5	QPSK	1	12	2231	2221	2230								
5	QPSK	1	24	2214	2231	2229								
5	QPSK	12	0	2135	2149	2134								
5	QPSK	12	7	2113	2137	2112	23	1						
5	QPSK	12	13	2105	2137	2112								
5	QPSK	25	0	2133	2148	2133								
5	16QAM	1	0	2125	2139	2119								
5	16QAM	1	12	2115	2151	2127	23	1						
5	16QAM	1	24	2121	2128	2115								
5	16QAM	12	0	2034	2052	2027								
5	16QAM	12	7	2029	2038	2042								
5	16QAM	12	13	2042	2058	2024	22	2						
5	16QAM	25	0	2025	2042	2037								
5	64QAM	1	0	2027	2057	2023								
5	64QAM	1	12	2028	2056	2030								
5	64QAM	1	24	2044	2048	2041	21	3						
5	64QAM	12	0	1925	1934	1940								
5	64QAM	12	7	1942	1938	1933								
5	64QAM	12	13	1937	1920	1926								
5	64QAM	25	0	1936	1940	1926	19	5						
5	256QAM	1	0	1727	1747	1733								
5	256QAM	1	12	1727	1752	1729								
5	256QAM	1	24	1728	1745	1739								
5	256QAM	12	0	1735	1740	1734	19	5						
5	256QAM	12	7	1731	1740	1730								
5	256QAM	12	13	1736	1763	1732								
5	256QAM	25	0	1727	1757	1727								

Band 42 FCC Part27Q Ant 5								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.95	23.02	22.95	24	0
20	QPSK	1	49	22.90	22.88	22.78		
20	QPSK	1	99	22.90	22.74	22.93		
20	QPSK	50	0	21.82	22.00	21.93		
20	QPSK	50	24	21.80	21.89	21.90	23	1
20	QPSK	50	50	21.66	21.87	21.83		
20	QPSK	100	0	21.69	22.07	21.86		
20	QPSK	100	0	21.69	22.07	21.86		

Reduced Power Mode for DS12

GSM850 Arai 0 DS12		Power Average Power (dBm)			Turn-up Limit (dBm)	Power Average Power (dBm)			Turn-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 1 Tx slot		32.92	33.05	32.96	33.50	23.92	24.05	23.96	24.50
GPRS 2 Tx slots		23.70	23.49	23.75	30.50	23.70	23.49	23.75	24.50
GPRS 3 Tx slots		27.89	27.69	27.64	28.50	23.63	23.43	23.38	24.24
GPRS 4 Tx slots		26.21	26.27	26.14	27.50	23.21	23.27	23.14	24.50

Band		WCDMA V Arai 0 DS12			Turn-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	RW-12.2Kbps	22.97	22.93	22.77	24.00

Band 5 Ant 0 DSI2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				830	835.5	844		
10	QPSK	1	0	22.76	22.92	22.79	24	0
10	QPSK	1	25	22.58	22.87	22.87		
10	QPSK	1	49	22.70	22.81	22.74		
10	QPSK	25	0	21.82	22.03	21.90	23	1
10	QPSK	25	12	21.96	21.77	21.94		
10	QPSK	25	25	21.99	21.89	21.77		
10	QPSK	50	0	21.87	21.99	21.84		

Band 26 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				26766	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	23.05	22.79	24	0
15	QPSK	1	37	22.78	22.68	22.59		
15	QPSK	1	74	22.73	22.89	22.72		
15	QPSK	36	0	21.79	21.86	21.75	23	1
15	QPSK	36	20	21.76	21.79	21.70		
15	QPSK	36	39	21.76	21.76	21.76		
15	QPSK	75	0	21.63	21.74	21.70		

GSM1900 Ant 1 DSIS		Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1850	1900.8		1850.2	1850	1900.8	
GPRS 1 Tx slot		28.91	28.93	28.79	30.50	19.91	19.93	19.79	21.50
GPRS 2 Tx slots		25.38	25.47	25.58	26.50	19.38	19.47	19.58	20.50
GPRS 3 Tx slots		23.76	23.48	23.67	25.00	19.50	19.22	19.41	20.74
GPRS 4 Tx slots		22.10	22.18	22.22	23.50	19.10	19.18	19.22	20.50

Band		WCDMA II Ant 1 DSIS			Tune-up Limit (dbm)
TX Channel		9902	9900	9938	
Rx Channel		9902	9900	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	RMC 12.2Kbps	22.60	22.79	22.65	24.00

Band 2 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				19700	19900	19100		
Frequency (MHz)				1960	1980	1900		
20	QPSK	1	0	22.40	22.61	22.55	24	0
20	QPSK	1	49	22.27	22.56	22.42		
20	QPSK	1	99	22.36	22.51	22.53		
20	QPSK	50	0	21.48	21.56	21.39	23	1
20	QPSK	50	24	21.51	21.32	21.46		
20	QPSK	50	50	21.48	21.37	21.47		
20	QPSK	100	0	21.47	21.56	21.53		

Band 7 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				20850	21100	21350		
Frequency (MHz)				2080	2095	2060		
20	QPSK	1	0	22.60	23.01	22.71	24	0
20	QPSK	1	49	22.75	22.66	22.66		
20	QPSK	1	99	22.62	22.61	22.62		
20	QPSK	50	0	21.71	21.95	21.93	23	1
20	QPSK	50	24	21.76	21.79	21.90		
20	QPSK	50	50	21.72	21.72	21.85		
20	QPSK	100	0	21.77	21.84	21.63		

Band 38 Ant 1 DS12														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Time-up limit (dftm)	MPR (dB)						
Channel														
Frequency (MHz)														
				37850	38000	38150								
20	QPSK	1	0	22.90	23.12	23.01	24	0						
20	QPSK	1	49	22.87	22.92	22.83								
20	QPSK	1	99	22.79	22.74	22.80								
20	QPSK	50	0	21.94	22.05	21.93								
20	QPSK	50	24	21.91	21.83	21.75	23	1						
20	QPSK	50	50	21.75	21.71	21.95								
20	16QAM	1	0	21.92	21.97	21.95								
20	16QAM	1	0	21.90	21.62	21.65								
20	16QAM	1	49	21.75	21.68	21.66	23	1						
20	16QAM	1	99	21.93	21.83	21.87								
20	16QAM	50	0	20.67	20.85	20.82								
20	16QAM	50	24	20.78	20.48	20.80								
20	16QAM	50	50	20.80	20.53	20.68	22	2						
20	16QAM	100	0	20.56	20.78	20.43								
20	16QAM	1	0	20.61	20.64	20.59								
20	16QAM	1	49	20.96	20.87	20.84								
20	16QAM	1	99	20.69	20.72	20.84	22	2						
20	16QAM	50	0	19.73	19.81	19.88								
20	16QAM	50	24	19.76	19.67	19.72								
20	16QAM	50	50	19.74	19.52	19.77								
20	16QAM	100	0	19.73	19.72	19.66	21	3						
20	256QAM	1	0	17.82	17.71	17.49								
20	256QAM	1	49	17.73	17.87	17.82								
20	256QAM	1	99	17.56	17.59	17.62								
20	256QAM	50	0	17.66	17.68	17.65	22	2						
20	256QAM	50	24	17.85	17.85	17.87								
20	256QAM	50	50	17.59	17.70	17.51								
20	256QAM	100	0	17.67	17.63	17.57								
Channel														
Frequency (MHz)														
15	QPSK	1	0	22.75	22.97	22.92	24	0						
15	QPSK	1	49	22.96	22.87	22.84								
15	QPSK	1	99	22.71	22.71	22.77								
15	QPSK	36	0	21.77	22.00	21.90								
15	QPSK	36	0	19.65	19.67	19.73	23	1						
15	QPSK	36	24	19.65	19.67	19.73								
15	QPSK	36	39	21.86	21.80	21.91								
15	QPSK	75	0	21.91	21.99	21.99								
15	16QAM	1	0	21.79	21.85	21.86	23	1						
15	16QAM	1	37	21.73	21.82	21.86								
15	16QAM	1	74	21.94	21.89	21.71								
15	16QAM	36	0	20.65	20.64	20.75								
15	16QAM	36	0	20.75	20.60	20.69	22	2						
15	16QAM	36	39	20.80	20.50	20.54								
15	16QAM	75	0	20.43	20.69	20.62								
15	16QAM	1	0	20.45	20.45	20.53								
15	16QAM	1	37	20.39	20.67	20.63	22	2						
15	16QAM	1	74	20.61	20.58	20.73								
15	16QAM	36	0	19.66	19.66	19.73								
15	16QAM	36	20	19.76	19.57	19.58								
15	16QAM	36	39	19.64	19.57	19.72	21	3						
15	16QAM	75	0	19.68	19.74	19.59								
15	256QAM	1	0	17.64	17.65	17.64								
15	256QAM	1	37	17.81	17.85	17.68								
15	256QAM	1	74	17.55	17.58	17.64	19	5						
15	256QAM	36	0	17.65	17.68	17.65								
15	256QAM	36	20	17.60	17.79	17.76								
15	256QAM	36	39	17.57	17.68	17.61								
15	256QAM	75	0	17.51	17.67	17.61	19	5						
15	256QAM	1	0	17.62	17.62	17.61								
15	256QAM	1	37	17.62	17.75	17.54								
15	256QAM	1	74	17.55	17.58	17.64								
Channel														
Frequency (MHz)														
5	QPSK	1	0	22.74	22.96	23.00	24	0						
5	QPSK	1	12	22.83	22.72	22.78								
5	QPSK	12	0	21.78	21.87	21.87								
5	QPSK	12	7	21.72	21.80	21.85								
5	QPSK	12	13	21.77	21.70	22.07	23	1						
5	QPSK	25	0	21.78	21.97	21.91								
5	16QAM	1	12	21.72	21.92	21.89								
5	16QAM	1	24	21.79	21.81	21.86								
5	16QAM	12	0	20.57	20.71	20.74	22	2						
5	16QAM	12	7	20.86	20.34	20.73								
5	16QAM	12	13	20.67	20.48	20.72								
5	16QAM	25	0	20.54	20.75	20.53								
5	16QAM	1	0	20.62	20.60	20.58	22	2						
5	16QAM	1	12	20.51	20.63	20.71								
5	16QAM	1	24	20.59	20.54	20.76								
5	16QAM	12	0	19.65	19.67	19.73								
5	16QAM	12	7	19.77	19.63	19.67	21	3						
5	16QAM	12	13	19.65	19.66	19.71								
5	16QAM	25	0	19.66	19.62	19.62								
5	16QAM	1	1	17.65	17.74	17.57								
5	256QAM	1	12	17.83	17.81	17.71	19	5						
5	256QAM	1	24	17.62	17.61	17.59								
5	256QAM	12	0	17.77	17.75	17.64								
5	256QAM	12	7	17.89	17.72	17.67								
5	256QAM	12	13	17.68	17.69	17.67	19	5						
5	256QAM	25	0	17.66	17.62	17.59								

Band 41 Ant 1 DS12										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Co./Freq	Power Low Freq	Power Middle Co./Freq	Power High Co./Freq	Power High Freq	Time-up limit (dftm)	MPR (dB)
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.03	23.05	23.13	22.99	23.07	24	0
20	QPSK	1	49	22.81	22.93	22.81	22.86	22.86		
20	QPSK	1	99	22.82	22.71	22.89	22.69	22.82		
20	QPSK	50	0	21.75	21.88	22.01	21.75	21.89		
20	QPSK	50	24	21.90	21.71	21.78	21.78	21.90	23	1
20	QPSK	50	50	21.75	21.74	21.92	21.63	21.81		
20	16QAM	1	0	21.63	21.70	21.69	21.59	21.57		
20	16QAM	1	49	21.61	21.87	21.58	21.69	21.75		
20	16QAM	1	99	21.98	21.71	21.74	21.70	21.83	23	1
20	16QAM	50	0	20.61	20.56	20.87	20.63	20.61		
20	16QAM	50	24	20.75	20.75	20.63	20.58	20.58		
20	16QAM	50	50	20.74	20.85	20.75	20.57	20.73		
20	16QAM	100	0	20.55	20.67	20.65	20.31	20.66	22	2
20	16QAM	1	0	20.48	20.51	20.76	20.40	20.55		
20	16QAM	1	49	20.50	20.52	20.84	20.59	20.71		
20	16QAM	1	99	20.62	20.51	20.84	20.62	20.81		
20	16QAM	50	0	19.61	19.87	19.60	19.76	19.68	21	3
20	16QAM	50	24	19.75	19.71	19.88	19.71	19.65		
20	16QAM	50	50	19.77	19.41	19.84	19.48	19.82		
20	16QAM	100	0	19.78	19.49	19.62	19.62	19.57		
20	256QAM	1	0	17.57	17.76	17.63	17.60	17.52	19	5
20	256QAM	1	49	17.64	17.61	17.82	17.77	17.80		
20	256QAM	1	99	17.52	17.50	17.48	17.69	17.55		
20	256QAM	50	0	17.67	18.06	17.70	17.72	17.65		
20	256QAM	50	24	17.69	17.69	17.76	17.82	17.82	19	5
20	256QAM	50	50	17.63	17.60	17.61	17.77	17.58		
20	256QAM	100	0	17.58	17.61	17.46	17.71	18.02		
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.97	22.93	23.08	22.91	23.02	24	0
15	QPSK	1	49	22.79	22.89	22.76	22.80	22.83		
15	QPSK	1	74	22.72	22.86	22.80	22.65	22.74		
15	QPSK	36	0	21.70	21.85	21.92	21.70	21.82		
15	QPSK	36	20	21.84	21.75	21.85	21.63	21.72	23	1
15	QPSK	36	36	21.84	21.61	21.73	21.72	21.80		
15	QPSK	75	0	21.71	21.70	21.84	21.64	21.77		
15	QPSK	1	21.58	21.68	21.64	21.54	21.68			
15	16QAM	1	37	21.58	21.83	21.50	21.84	21.72	23	1
15	16QAM	1	74	21.92	21.66	21.65	21.62	21.75		
15	16QAM	36	0	20.56	20.54	20.79	20.59	20.55		
15	16QAM	36	20	20.68	20.70	20.53	20.69	20.56		
15	16QAM	36	36	20.69	20.35	20.72	20.49	20.71	22	2
15	16QAM	75	0	20.48	20.68	20.61	20.64	20.62		
15	16QAM	1	37	20.46	20.57	20.58	20.34	20.48		
15	16QAM	1	74	20.42	20.44	20.75	20.49	20.69		
15	16QAM	1	74	20.57	20.45	20.81	20.57	20.76	21	3
15	16QAM	36	19.37	19.77	19.52	19.72	19.64			
15	16QAM	36	20	19.69	19.69	19.80	19.65	19.57		
15	16QAM	36	36	19.72	19.88	19.58	19.46	19.74		
15	16QAM	75	0	19.68	19.43	19.42	19.53	19.48	19	5
15	256QAM	1	0	17.50	17.67	17.57	17.51	17.43		
15	256QAM	1	37	17.62	17.58	17.74	17.75	17.82		
15	256QAM	1	74	17.48	17.46	17.63	17.63	17.46		
15	256QAM	36	0	17.65	18.03	17.67	17.76	17.60	19	5
15	256QAM	36	20	17.66	17.83	17.75	17.68	17.59		
15	256QAM	36	36	17.54	17.51	17.52	17.70	17.55		
15	256QAM	75	0	17.51	17.87	17.79	17.64	17.94		
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.97	22.93	23.08	22.91	23.02	24	0
10	QPSK	1	25	22.96	22.90	22.75	22.79	22.82		
10	QPSK	1	50	22.91	22.82	22.84	22.83	22.76		
10	QPSK	50	0	21.70	21.82	21.99	21.68	21.80		
10	QPSK	25	12	21.82	21.73	21.69	21.87	21.70	23	1
10	QPSK	25	25	21.43	21.62	21.68	21.74	21.81		
10	QPSK	50	0	21.67	21.66	21.88	21.57	21.79		
10	16QAM	1	0	21.55	21.67	21.84	21.57	21.48		
10	16QAM	1	25	21.58	21.79	21.50	21.82	21.72	23	1
10	16QAM	1	49	21.94	21.69	21.71	21.67	21.75		
10	16QAM	25	0	20.57	20.48	20.85	20.58	20.52		
10	16QAM	25	12	20.67	20.73	20.55	20.43	20.55		
10	16QAM	25	25	20.68	20.57	20.71	20.71	20.69	22	2
10	16QAM	50	0	20.49	20.64	20.60	20.55	20.59		
10	16QAM	1	0	20.39	20.63	20.71	20.36	20.49		
10	16QAM	1	25	20.46	20.48	20.82	20.42	20.66		
10	16QAM	1	49	20.57	20.47	20.80	20.59	20.73	21	3
10	16QAM	25	0	19.57	19.82	19.82	19.71	19.64		
10	16QAM	25	12	19.68	19.63	19.79	19.69	19.50		
10	16QAM	25	25	19.68	19.33	19.68	19.58	19.74		
10	16QAM	50	0	19.68	19.94	19.44	19.55	19.51	21	3
10	256QAM	1	0	17.51	17.67	17.60	17.57	17.47		
10	256QAM	1	25	17.57	17.56	17.79	17.69	17.86		
10	256QAM	1	49	17.42	17.40	17.43	17.63	17.50		
10	256QAM	25	0	17.62	18.00	17.68	17.76	17.57	19	5
10	256QAM	25	12	17.64	17.59	17.76	17.83	17.55		
10	256QAM	25	25	17.54	17.50	17.56	17.74	17.48		
10	256QAM	50	0	17.48	17.81	17.82	17.67	17.58		
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.99	23.01	23.07	22.97	23.04	24	0
5	QPSK	1	12	22.95	22.84	22.78	22.83	22.83		
5	QPSK	1	24	22.75	22.67	22.84	22.64	22.78		
5	QPSK	12	0	21.65	21.81	21.81	21.64	21.85		
5	QPSK	12	7	21.83	21.73	21.70	21.82	21.87	23	1
5	QPSK	12	13	21.41	21.65	21.73	21.75	21.84		
5	QPSK	1	0	21.71	21.67	21.83	21.74	21.77		
5	QPSK	1	0	21.53	21.62	21.67	21.56	21.61		
5	16QAM	1	12	21.52	21.61	21.49	21.84	21.73	23	1
5	16QAM	1	24	21.59	21.61	21.67	21.63	21.78		
5	16QAM	12	0	20.55	20.50	20.84	20.50	20.51		
5	16QAM	12	7	20.73	20.67	20.50	20.39	20.49		
5	16QAM	12	13	20.66	20.57	20.66	20.53	20.64	22	2
5	16QAM	25	0	20.48	20.59	20.58	20.36	20.58		
5	16QAM	1	0	20.41	20.59	20.70	20.33	20.47		
5	16QAM	1	12	20.44	20.46	20.78	20.53	20.67		
5	16QAM	1	24	20.58	20.47	20.67	20.47	20.76	22	2
5	16QAM	12	0	19.54	19.82	19.53	19.70	19.64		
5	16QAM	12	7	19.66	19.62	19.85	19.62	19.61		
5	16QAM	12	13	19.68	19.35	19.56	19.30	19.74		
5	256QAM	12	0	17.44	17.43	17.45	17.45	17.51	19	5
5	256QAM	1	0	17.54	17.73	17.56	17.52	17.42		
5	256QAM	1	12	17.60	17.56	17.75	17.73	17.86		
5	256QAM	1	24	17.46	17.44	17.41	17.61	17.51		
5	256QAM	12	0	17.61	17.96	17.63	17.82	17.58	19	5
5	256QAM	12	7	17.60	17.84	17.70	17.88	17.74		
5	256QAM	12	13	17.60	17.52	17.58	17.71	17.50		
5	256QAM	1	0	17.49	17.63	17.71	17.36	17.56		

Band 2 Ant 4 DS12									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Hgh Ch / Freq.	Power Hgh Ch / Freq.	Turn-up time (sec)	MFR (dB)	
Channel									
Frequency (MHz)	Ch / Freq.	Ch / Freq.	Ch / Freq.	Ch / Freq.	Ch / Freq.	Ch / Freq.	Turn-up time (sec)	MFR (dB)	
20	QPSK	1	0	18.39	18.65	18.64	19.6	0	
20	QPSK	1	49	18.29	18.31	18.18			
20	QPSK	1	99	18.41	18.39	18.24			
20	QPSK	50	0	18.36	18.45	18.37			
20	QPSK	50	24	18.18	18.45	18.37			
20	QPSK	50	50	18.33	18.27	18.34			
20	QPSK	100	0	18.51	18.52	18.50			
20	QPSK	100	24	18.22	17.98	18.24			
20	HQAM	1	49	18.22	18.17	18.32	19.6	0	
20	HQAM	1	99	18.30	18.33	18.42			
20	HQAM	50	0	18.22	18.30	18.23			
20	HQAM	50	24	18.36	18.14	18.30	19.6	0	
20	HQAM	50	50	18.33	18.27	18.34			
20	HQAM	100	0	18.51	18.24	18.23			
20	HQAM	1	0	18.15	18.07	18.21			
20	HQAM	1	49	18.31	18.27	18.35	19.6	0	
20	HQAM	50	0	18.22	18.15	17.85			
20	HQAM	50	0	18.33	18.23	18.22			
20	HQAM	24	18.29	18.50	18.20				
20	HQAM	50	0	18.11	18.32	18.11			
20	HQAM	100	0	18.19	18.29	18.09			
20	256QAM	1	99	17.62	18.53	17.04	18.2	1.4	
20	256QAM	50	0	18.53	18.53	18.53			
20	256QAM	50	24	18.53	18.53	18.57			
20	256QAM	50	50	18.58	18.50	17.00	18.2	1.4	
20	256QAM	100	0	18.58	18.58	18.58			
Channel									
Frequency (MHz)	Ch / Freq.	Ch / Freq.	Ch / Freq.	Ch / Freq.	Ch / Freq.	Ch / Freq.	Turn-up time (sec)	MFR (dB)	
15	QPSK	1	0	18.31	18.46	18.26	19.6	0	
15	QPSK	1	49	18.08	18.29	18.02			
15	QPSK	1	74	18.36	18.17	18.21			
15	QPSK	36	0	18.20	18.27	18.28			
15	QPSK	36	24	18.18	18.29	18.17			
15	QPSK	36	39	18.18	18.15	17.90			
15	QPSK	75	0	18.46	18.26	18.26			
15	HQAM	1	0	18.18	18.02	18.15			
15	HQAM	1	37	18.17	18.06	18.20	19.6	0	
15	HQAM	25	0	18.12	18.28	18.07			
15	HQAM	36	0	18.12	18.28	18.07			
15	HQAM	36	20	18.29	18.04	18.14	19.6	0	
15	HQAM	36	49	18.18	18.18	18.18			
15	HQAM	75	0	18.73	18.31	18.19			
15	HQAM	1	0	18.14	17.58	18.03	18.6	0	
15	HQAM	1	49	18.18	18.27	18.18			
15	HQAM	1	74	17.85	17.25	17.03			
15	HQAM	36	0	18.18	18.12	18.20			
15	HQAM	36	24	18.23	18.23	18.23			
15	HQAM	36	39	18.03	18.24	17.93	19.6	0	
15	HQAM	75	0	18.09	18.18	18.07			
15	256QAM	1	37	17.60	17.01	18.35	18.2	1.4	
15	256QAM	1	74	18.00	18.76	18.91			
15	256QAM	36	0	18.51	18.27	18.16			
15	256QAM	36	20	18.02	18.59	18.50	18.2	1.4	
15	256QAM	36	39	18.88	18.87	18.88			
15	256QAM	75	0	18.76	18.69	18.69			
Channel									
Frequency (MHz)	Ch / Freq.	Ch / Freq.	Ch / Freq.	Ch / Freq.	Ch / Freq.	Ch / Freq.	Turn-up time (sec)	MFR (dB)	
10	QPSK	1	0	18.55	18.69	18.65	19.6	0	
10	QPSK	1	25	18.04	18.13	18.01			
10	QPSK	1	49	18.29	18.24	18.12			
10	QPSK	18	0	18.18	18.29	18.17			
10	QPSK	25	12	18.16	18.28	18.17			
10	QPSK	25	25	18.24	18.11	17.99			
10	QPSK	49	0	18.07	18.09	18.15			
10	HQAM	1	0	18.07	18.09	18.15			
10	HQAM	1	25	18.07	18.12	18.30	19.6	0	
10	HQAM	18	0	18.17	18.29	18.16			
10	HQAM	25	0	18.08	18.29	18.00			
10	HQAM	25	12	18.18	18.04	18.22	19.6	0	
10	HQAM	25	25	18.21	18.25	18.27			
10	HQAM	50	0	17.90	18.19	18.14			
10	HQAM	1	0	18.04	17.89	18.08	18.6	0	
10	HQAM	1	25	18.22	18.13	18.23			
10	HQAM	1	49	17.91	17.92	17.81			
10	HQAM	25	0	18.21	18.12	18.10			
10	HQAM	25	12	18.22	18.16	18.23			
10	HQAM	25	25	18.06	18.16	18.01	19.6	0	
10	HQAM	50	0	18.07	18.27	17.96			
10	256QAM	1	49	18.04	18.26	18.03			
10	256QAM	1	25	18.36	17.15	18.32	18.2	1.4	
10	256QAM	1	49	18.07	18.07	18.06			
10	256QAM	1	74	18.01	18.71	18.86			
10	256QAM	25	12	18.51	18.71	18.51			
10	256QAM	25	25	18.84	18.84	18.86	18.2	1.4	
10	256QAM	50	0	18.84	18.81	18.59			
Channel									
Frequency (MHz)	Ch / Freq.	Ch / Freq.	Ch / Freq.	Ch / Freq.	Ch / Freq.	Ch / Freq.	Turn-up time (sec)	MFR (dB)	
5	QPSK	1	0	18.03	18.00	18.07	19.6	0	
5	QPSK	1	24	18.05	18.14	18.08			
5	QPSK	1	49	18.24	18.21	18.10			
5	QPSK	12	0	18.18	18.25	18.11			
5	QPSK	12	13	18.17	18.32	18.16			
5	QPSK	24	0	18.34	18.46	18.14			
5	HQAM	1	0	18.06	17.98	18.13			
5	HQAM	1	12	18.14	18.16	18.25	19.6	0	
5	HQAM	1	24	18.27	18.17	18.04			
5	HQAM	12	0	18.21	18.27	18.00			
5	HQAM	12	7	18.32	18.09	18.21	19.6	0	
5	HQAM	12	13	18.20	18.12	18.23			
5	HQAM	25	0	17.87	18.15	18.08			
5	HQAM	1	0	18.08	17.82	18.06	19.6	0	
5	HQAM	1	24	18.28	18.16	18.29			
5	HQAM	1	24	18.02	18.07	17.82			
5	HQAM	12	0	18.16	18.10	18.14			
5	HQAM	12	7	18.25	18.46	18.12			
5	HQAM	12	13	17.97	18.13	17.98	19.6	0	
5	HQAM	25	0	18.08	18.13	17.99			
5	256QAM	1	49	18.07	18.17	18.00			
5	256QAM	1	24	18.91	17.11	18.96	18.2	1.4	
5	256QAM	1	49	18.36	18.90	18.96			
5	256QAM	12	0	18.87	18.74	18.80			
5	256QAM	12	7	18.79	18.80	18.94	18.2	1.4	
5	256QAM	12	13	18.89	18.71	18.92			
5	256QAM	25	0	18.84	18.83	18.79			
Channel									
Frequency (MHz)	Ch / Freq.	Ch / Freq.	Ch / Freq.	Ch / Freq.	Ch / Freq.	Ch / Freq.	Turn-up time (sec)	MFR (dB)	
3	QPSK	1	0	18.24	18.55	18.42	19.6	0	
3	QPSK	1	8	18.06	18.13	18.12			
3	QPSK	1	14	18.31	18.15	18.16			
3	QPSK	8	0	18.10	18.25	18.33			
3	QPSK	8	4	18.15	18.38	18.13	19.6	0	
3	QPSK	8	7	18.26	18.14	17.98			
3	QPSK	16	0	18.41	18.45	18.35			
3	HQAM	1	0	18.06	17.89	18.14			
3	HQAM	1	8	18.21	18.00	18.27	19.6	0	
3	HQAM	8	0	18.26	18.30	18.29			
3	HQAM	8	4	18.13	18.19	18.01			
3	HQAM	8	4	18.28	18.06	18.26	19.6	0	
3	HQAM	8	7	18.17	18.10	18.24			
3	HQAM	15	0	17.87	18.28	18.13			
3	HQAM	1	0	18.03	18.04	18.21	19.6	0	
3	HQAM	1	8	18.26	18.24	18.30			
3	HQAM	1	14	17.85	17.98	17.83			
3	HQAM	8	0	18.25	18.16	18.21			
3	HQAM	8	8	18.27	18.45	18.02	19.6	0	
3	HQAM	8	7	18.01	18.18	18.05			
3	256QAM	1	8	18.93	18.82	18.93			
3	256QAM	1	14	18.80	18.24	18.80	18.2	1.4	
3	256QAM	8	0	18.80	18.84	18.87			
3	256QAM	8	8	18.86	18.85	18.87			
3	256QAM	8	4	18.83	18.85	18.87	18.2	1.4	
3	256QAM	15	0	18.81	18.81	18.87			
3	256QAM	15	0	18.72	18.87	18.73			
Channel									
Frequency (MHz)	Ch / Freq.	Ch / Freq.	Ch / Freq.	Ch / Freq.	Ch / Freq.	Ch / Freq.	Turn-up time (sec)	MFR (dB)	
1.4	QPSK	1	0	18.32	18.46	18.25	19.6	0	
1.4	QPSK	1	3	18.16	18.22	18.09			
1.4	QPSK	1	5	18.38	18.14	18.16			
1.4	QPSK	3	0	18.33	18.36	18.24			
1.4	QPSK	3	1	1					
1.4	QPSK	3	1	18.22	18.12	17.97			
1.4	QPSK	6	0	18.40	18.38	18.45	19.6	0	
1.4	QPSK	6	1	18.50	18.30	18.27			
1.4	QPSK	6	3	18.08	18.12	18.18			
1.4	HQAM	1	0	18.13	18.29	18.02			
1.4	HQAM	3	0	18.30	18.28	18.28			
1.4	HQAM	3	3	18.35	18.01	18.23			
1.4	HQAM	3	6	18.19	18.23	18.22			
1.4	HQAM	6	0	18.48	18.24	18.28	19.6	0	
1.4	HQAM	3	0	17.88	18.00	18.00			
1.4	HQAM	6	0	17.88	18.00	18.00			
1.4	HQAM	3	0	18.25	18.05	18.13			

Band 38 Ant 4 DSI2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Co. (Frac)	Power Middle Co. (Frac)	Power High Co. (Frac)	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	18.42	18.51	18.45	19.8	0		
20	QPSK	1	49	18.38	18.43	18.33				
20	QPSK	1	99	18.38	18.43	18.40				
20	QPSK	50	0	18.42	18.43	18.38				
20	QPSK	50	24	18.29	18.37	18.36	19.8	0		
20	QPSK	50	49	18.42	18.41	18.37				
20	QPSK	100	0	18.34	18.47	18.40				
20	16QAM	1	0	18.39	18.36	18.37				
20	16QAM	1	49	18.38	18.43	18.35	19.8	0		
20	16QAM	1	99	18.40	18.45	18.41				
20	16QAM	50	0	18.33	18.36	18.40				
20	16QAM	50	24	18.34	18.45	18.37				
20	16QAM	50	50	18.42	18.47	18.40	19.8	0		
20	16QAM	100	0	18.32	18.36	18.36				
20	16QAM	100	1	18.37	18.40	18.36				
20	16QAM	1	49	18.33	18.35	18.42				
20	16QAM	1	99	18.42	18.35	18.35	19.8	0		
20	16QAM	50	0	18.39	18.30	18.35				
20	16QAM	50	24	18.40	18.44	18.36				
20	16QAM	50	50	18.34	18.41	18.38				
20	16QAM	100	0	18.44	18.40	18.38	19.8	0		
20	16QAM	100	1	18.37	18.37	18.37				
20	256QAM	1	0	17.61	17.68	17.74				
20	256QAM	1	49	17.67	17.70	17.73				
20	256QAM	1	99	17.63	17.71	17.69	19	0.8		
20	256QAM	50	24	17.64	17.78	17.64				
20	256QAM	50	50	17.56	17.76	17.74				
20	256QAM	100	0	17.62	17.73	17.62				
Channel										
Frequency (MHz)										
5	QPSK	1	0	18.34	18.46	18.42	19.8	0		
5	QPSK	1	31	18.31	18.33	18.38				
5	QPSK	1	74	18.24	18.27	18.23				
5	QPSK	36	0	18.32	18.39	18.33				
5	QPSK	36	1	18.26	18.25	18.28	19.8	0		
5	QPSK	36	39	18.34	18.30	18.20				
5	QPSK	75	0	18.20	18.42	18.38				
5	QPSK	1	0	18.21	18.23	18.22				
5	16QAM	1	37	18.21	18.27	18.32	19.8	0		
5	16QAM	1	74	18.31	18.32	18.27				
5	16QAM	36	0	18.16	18.23	18.28				
5	16QAM	36	39	18.27	18.26	18.34				
5	16QAM	36	39	18.20	18.45	18.23	19.8	0		
5	16QAM	75	0	18.27	18.19	18.25				
5	16QAM	1	0	18.32	18.30	18.34				
5	16QAM	36	39	18.20	18.45	18.23				
5	16QAM	75	0	18.27	18.19	18.25	19.8	0		
5	16QAM	1	37	18.17	18.21	18.33				
5	16QAM	1	74	18.25	18.26	18.34				
5	16QAM	36	0	18.21	18.33	18.16				
5	16QAM	36	39	18.27	18.26	18.42	19.8	0		
5	16QAM	36	39	18.20	18.33	18.34				
5	16QAM	75	0	18.32	18.22	18.37				
5	16QAM	1	0	17.64	17.60	17.62				
5	256QAM	1	37	17.50	17.64	17.57	19	0.8		
5	256QAM	1	74	17.50	17.60	17.50				
5	256QAM	36	20	17.42	17.62	17.45				
5	256QAM	36	39	17.41	17.60	17.56				
5	256QAM	36	39	17.50	17.59	17.48	19	0.8		
5	256QAM	75	0	17.46	17.54	17.50				
5	256QAM	75	0	17.46	17.55	17.46				
5	256QAM	1	49	17.46	17.55	17.46				
Channel										
Frequency (MHz)										
5	QPSK	1	0	18.34	18.36	18.42	19.8	0		
5	QPSK	1	25	18.17	18.30	18.24				
5	QPSK	1	49	18.23	18.38	18.25				
5	QPSK	25	0	18.34	18.32	18.21				
5	QPSK	25	12	18.21	18.34	18.27	19.8	0		
5	QPSK	25	25	18.26	18.36	18.19				
5	QPSK	50	0	18.25	18.30	18.34				
5	16QAM	1	0	18.25	18.34	18.24				
5	16QAM	1	25	18.23	18.29	18.26	19.8	0		
5	16QAM	1	49	18.27	18.36	18.27				
5	16QAM	25	0	18.19	18.27	18.34				
5	16QAM	25	12	18.26	18.31	18.35				
5	16QAM	25	25	18.41	18.37	18.26	19.8	0		
5	16QAM	50	0	18.31	18.26	18.33				
5	16QAM	1	0	18.31	18.26	18.33				
5	16QAM	1	25	18.28	18.36	18.35				
5	16QAM	1	49	18.26	18.16	18.36	19.8	0		
5	16QAM	1	49	18.27	18.17	18.22				
5	16QAM	25	0	18.26	18.32	18.32				
5	16QAM	25	12	18.35	18.30	18.20				
5	16QAM	25	25	18.26	18.28	18.32	19.8	0		
5	16QAM	50	0	18.33	18.30	18.25				
5	256QAM	1	74	17.54	17.56	17.51				
5	256QAM	1	49	17.58	17.68	17.63				
5	256QAM	25	0	17.46	17.65	17.46	19	0.8		
5	256QAM	25	12	17.52	17.67	17.66				
5	256QAM	25	25	17.54	17.59	17.56				
5	256QAM	50	0	17.58	17.66	17.51				
Channel										
Frequency (MHz)										
5	QPSK	1	0	18.38	18.39	18.36	19.8	0		
5	QPSK	1	12	18.17	18.29	18.20				
5	QPSK	1	24	18.22	18.29	18.22				
5	QPSK	12	0	18.30	18.34	18.29				
5	QPSK	12	7	18.12	18.26	18.24	19.8	0		
5	QPSK	12	13	18.27	18.37	18.26				
5	QPSK	25	0	18.31	18.29	18.36				
5	16QAM	1	0	18.23	18.35	18.24				
5	16QAM	1	12	18.28	18.29	18.19	19.8	0		
5	16QAM	1	24	18.34	18.33	18.37				
5	16QAM	12	0	18.21	18.23	18.29				
5	16QAM	12	7	18.21	18.39	18.15				
5	16QAM	12	13	18.27	18.45	18.21	19.8	0		
5	16QAM	25	0	18.30	18.33	18.26				
5	16QAM	1	0	18.32	18.35	18.24				
5	16QAM	1	12	18.27	18.16	18.27				
5	16QAM	1	24	18.26	18.26	18.33	19.8	0		
5	16QAM	12	0	18.20	18.39	18.31				
5	16QAM	12	7	18.23	18.42	18.33				
5	16QAM	12	13	18.28	18.35	18.32				
5	256QAM	1	0	17.59	17.55	17.58	19	0.8		
5	256QAM	1	12	17.67	17.62	17.58				
5	256QAM	1	24	17.59	17.74	17.60				
5	256QAM	12	0	17.56	17.54	17.56				
5	256QAM	12	7	17.42	17.74	17.67	19	0.8		
5	256QAM	12	13	17.49	17.71	17.67				
5	256QAM	25	0	17.42	17.72	17.54				

Band 42 FCC Part27Q 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				42190	42590	42990	18.6	0
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.25	17.35	17.24	18.6	0
20	QPSK	1	49	17.28	17.27	17.04		
20	QPSK	1	99	17.13	17.10	17.18		
20	QPSK	50	0	17.21	17.25	17.27	18.6	0
20	QPSK	50	24	17.07	17.25	17.11		
20	QPSK	50	50	17.19	17.15	17.01		
20	QPSK	100	0	17.17	17.20	17.12		

Reduced Power Mode for DSI3

GSM850 Ant 0 DSI3		Burnt Average Power (dBm)			Tune-up Limit (dBm)	Ftaper Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	188	251		128	188	251	
Frequency (MHz)		824.2	836.4	848.6	(dBm)	824.2	836.4	848.6	(dBm)
GPRS 1 Tx slot		32.92	33.05	32.96		23.92	24.06	23.96	
GPRS 2 Tx slots		29.70	29.49	29.75	30.50	23.70	23.49	23.75	24.50
GPRS 3 Tx slots		27.89	27.69	27.64	28.50	23.63	23.43	23.38	24.24
GPRS 4 Tx slots		26.21	26.27	26.14	27.50	23.21	23.27	23.14	24.50

Band		WCDMA V Ant 0 DSI3			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	(dBm)
Frequency (MHz)		836.4	836.4	848.6	
3GPP Ref 99	RMC 12.2Kbps	22.87	22.93	22.77	24.00

Band 5 Ant 0 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				20450	20525	20600		
Frequency (MHz)				500	535.5	544		
10	QPSK	1	0	22.76	22.92	22.79	24	0
10	QPSK	1	25	22.58	22.87	22.87		
10	QPSK	1	49	22.70	22.81	22.74		
10	QPSK	25	0	21.82	22.03	21.90	23	1
10	QPSK	25	12	21.96	21.77	21.94		
10	QPSK	25	25	21.99	21.89	21.77		
10	QPSK	50	0	21.87	21.99	21.84		

Band 26 Ant 0 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				26766	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	23.05	22.79	24	0
15	QPSK	1	37	22.78	22.68	22.59		
15	QPSK	1	74	22.73	22.89	22.72		
15	QPSK	36	0	21.79	21.86	21.75	23	1
15	QPSK	36	20	21.76	21.79	21.70		
15	QPSK	36	39	21.76	21.76	21.76		
15	QPSK	75	0	21.63	21.74	21.70		

GSM1900 Ant 1 DSIS		Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1900.8		1850.2	1860	1900.8	
GPRS 1 Tx slot		28.91	28.93	28.79	30.50	19.91	19.93	19.79	21.50
GPRS 2 Tx slots		25.38	25.47	25.58	26.50	19.38	19.47	19.58	20.50
GPRS 3 Tx slots		23.76	23.48	23.67	25.00	19.50	19.22	19.41	20.74
GPRS 4 Tx slots		22.10	22.18	22.22	23.50	19.10	19.18	19.22	20.50

Band		WCDMA 1 Ant 1 DSIS			Tune-up Limit (dbm)
TX Channel		9602	9608	9638	
Rx Channel		9662	9660	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	RMC 12.2Kbps	22.21	22.28	22.21	23.30

Band 2 Ant 1 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				18700	18900	19100	23.5	0
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.15	22.33	22.01		
20	QPSK	1	49	22.04	22.00	22.05	23	0.5
20	QPSK	1	99	21.92	21.91	21.87		
20	QPSK	50	0	21.72	21.78	21.60		
20	QPSK	50	24	21.75	21.60	21.71		
20	QPSK	50	50	21.68	21.61	21.70		
20	QPSK	100	0	21.74	21.80	21.70		

Band 7 Ant 1 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	23.5	0
Frequency (MHz)				2080	2095	2100		
20	QPSK	1	0	22.63	22.69	22.53		
20	QPSK	1	49	22.49	22.50	22.32	23	0.5
20	QPSK	1	99	22.41	22.58	22.53		
20	QPSK	50	0	21.61	21.65	21.56		
20	QPSK	50	24	21.60	21.58	21.15		
20	QPSK	50	50	21.60	21.50	21.60		
20	QPSK	100	0	21.49	21.56	21.50		

Band 38 Ant 1 DSI3														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Co./Freq.	Power Middle Co./Freq.	Power High Co./Freq.	Time-up limit (dbm)	MPR (db)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	22.50	23.12	23.01	24	0						
20	QPSK	1	49	22.50	22.92	22.83								
20	QPSK	1	99	22.79	22.74	22.80								
20	QPSK	50	0	21.94	22.05	21.75								
20	QPSK	50	24	21.91	21.83	21.75	23	1						
20	QPSK	50	50	21.75	21.71	21.55								
20	QPSK	100	0	21.92	21.97	21.95								
20	16QAM	1	0	21.90	21.62	21.65								
20	16QAM	1	49	21.75	21.68	21.56	23	1						
20	16QAM	1	99	21.93	21.83	21.87								
20	16QAM	50	0	20.67	20.85	20.82								
20	16QAM	50	24	20.71	20.48	20.80								
20	16QAM	50	50	20.80	20.53	20.68	22	2						
20	16QAM	100	0	20.56	20.78	20.43								
20	64QAM	1	0	20.61	20.64	20.59								
20	64QAM	1	49	20.56	20.67	20.64								
20	64QAM	1	99	20.69	20.72	20.84	22	2						
20	64QAM	50	0	19.73	19.81	19.88								
20	64QAM	50	24	19.76	19.87	19.72								
20	64QAM	50	50	19.74	19.52	19.77								
20	64QAM	100	0	19.73	19.72	19.69	21	3						
20	256QAM	1	0	17.62	17.71	17.49								
20	256QAM	1	49	17.73	17.87	17.82								
20	256QAM	1	99	17.56	17.59	17.62								
20	256QAM	50	0	17.60	17.91	17.56	19	5						
20	256QAM	50	24	17.55	17.85	17.87								
20	256QAM	50	50	17.59	17.70	17.51								
20	256QAM	100	0	17.67	17.63	17.63								
Channel														
Frequency (MHz)														
15	QPSK	1	0	22.75	22.97	22.92	24	0						
15	QPSK	1	37	22.83	22.83	22.75								
15	QPSK	1	74	22.61	22.71	22.77								
15	QPSK	36	0	21.77	22.00	21.50								
15	QPSK	36	0	19.65	20.87	20.69	23	1						
15	QPSK	36	39	21.96	21.80	21.91								
15	QPSK	75	0	21.91	21.99	21.89								
15	QPSK	1	0	21.79	21.85	21.96								
15	16QAM	1	37	21.73	21.92	21.96	23	1						
15	16QAM	1	74	21.84	21.89	21.71								
15	16QAM	36	0	20.65	20.64	20.76								
15	16QAM	36	39	20.76	20.69	20.69								
15	16QAM	36	39	20.80	20.50	20.54	22	2						
15	16QAM	75	0	20.43	20.69	20.62								
15	64QAM	1	0	20.32	20.62	20.51								
15	64QAM	1	37	20.39	20.67	20.63								
15	64QAM	1	74	20.61	20.58	20.74	22	2						
15	64QAM	36	0	19.62	19.66	19.73								
15	64QAM	36	20	19.79	19.57	19.58								
15	64QAM	36	39	19.64	19.57	19.72								
15	64QAM	75	0	19.68	19.74	19.59	21	3						
15	256QAM	1	0	17.64	17.65	17.64								
15	256QAM	1	37	17.81	17.85	17.68								
15	256QAM	1	74	17.55	17.58	17.64								
15	256QAM	36	0	17.65	17.68	17.66	19	5						
15	256QAM	36	20	17.50	17.79	17.76								
15	256QAM	36	39	17.57	17.68	17.61								
15	256QAM	75	0	17.51	17.57	17.51								
Channel														
Frequency (MHz)														
15	QPSK	1	0	22.85	23.01	22.83	24	0						
15	QPSK	1	49	22.70	22.74	22.86								
15	QPSK	1	74	22.72	22.71	22.77								
15	QPSK	25	0	21.83	22.07	21.86								
15	QPSK	25	12	21.77	21.89	21.91	23	1						
15	QPSK	25	25	21.73	21.71	22.28								
15	QPSK	50	0	21.81	21.98	21.91								
15	16QAM	1	0	21.81	21.70	22.01								
15	16QAM	1	24	21.81	21.90	21.66	23	1						
15	16QAM	1	49	21.93	21.93	21.62								
15	16QAM	25	0	20.68	20.65	20.77								
15	16QAM	25	12	20.62	20.59	20.74								
15	16QAM	25	25	20.67	20.52	20.74	22	2						
15	16QAM	50	0	20.45	20.71	20.44								
15	64QAM	1	0	20.32	20.62	20.51								
15	64QAM	1	25	20.53	20.57	20.71								
15	64QAM	1	49	20.56	20.58	20.86	22	2						
15	64QAM	25	0	19.74	19.70	19.76								
15	64QAM	25	12	19.87	19.88	19.89								
15	64QAM	25	25	19.59	19.52	19.73								
15	64QAM	50	0	19.67	19.63	19.49	21	3						
15	256QAM	1	0	17.62	17.76	17.54								
15	256QAM	1	25	17.85	17.77	17.64								
15	256QAM	1	49	17.50	17.57	17.63								
15	256QAM	25	0	17.72	17.76	17.57	19	5						
15	256QAM	25	12	17.63	17.80	17.80								
15	256QAM	25	25	17.56	17.76	17.47								
15	256QAM	50	0	17.69	17.68	17.61								
Channel														
Frequency (MHz)														
5	QPSK	1	0	22.74	22.96	23.00	24	0						
5	QPSK	1	12	22.83	22.72	22.78								
5	QPSK	1	24	22.62	22.79	22.71								
5	QPSK	12	0	21.78	21.87	21.87								
5	QPSK	12	7	21.72	21.80	21.65	23	1						
5	QPSK	12	13	21.77	21.70	22.07								
5	QPSK	25	0	21.78	21.97	21.91								
5	16QAM	1	0	21.76	21.58	22.00								
5	16QAM	1	12	21.72	21.92	21.89	23	1						
5	16QAM	1	24	21.79	21.81	21.66								
5	16QAM	12	0	20.57	20.71	20.74								
5	16QAM	12	7	20.86	20.34	20.73								
5	16QAM	12	13	20.67	20.48	20.72	22	2						
5	16QAM	25	0	20.54	20.75	20.53								
5	64QAM	1	0	20.42	20.60	20.58								
5	64QAM	1	12	20.51	20.63	20.71								
5	64QAM	1	24	20.59	20.54	20.76	22	2						
5	64QAM	12	0	19.65	19.67	19.79								
5	64QAM	12	7	19.77	19.63	19.67								
5	64QAM	12	13	19.65	19.66	19.71								
5	64QAM	25	0	19.66	19.62	19.62	21	3						
5	256QAM	1	0	17.66	17.74	17.57								
5	256QAM	1	12	17.83	17.81	17.71								
5	256QAM	1	24	17.62	17.61	17.59								
5	256QAM	12	0	17.77	17.76	17.54	19	5						
5	256QAM	12	7	17.89	17.72	17.67								
5	256QAM	12	13	17.68	17.69	17.69								
5	256QAM	25	0	17.68	17.69	17.67								

Band 2 Ant 4 DS3i												
RF (MHz)	Modulation	RF Size	RF Offset	Power Low (dBm)	Power Main (dBm)	Power High (dBm)	Turn-on Time (dB)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	17.93	18.01	17.80						
20	QPSK	1	40	17.74	17.82	17.82	19	0				
20	QPSK	1	80	17.74	17.75	17.77						
20	QPSK	50	0	17.78	17.77	17.62						
20	QPSK	50	24	17.69	17.60	17.45	19	0				
20	QPSK	50	48	17.68	17.60	17.45						
20	QPSK	100	0	17.54	17.53	17.40						
20	16QAM	1	0	17.64	17.75	17.54						
20	16QAM	1	40	17.45	17.46	17.46	19	0				
20	16QAM	1	80	17.42	17.36	17.45						
20	16QAM	50	0	17.69	17.72	17.48						
20	16QAM	50	24	17.38	17.24	17.48	19	0				
20	16QAM	50	48	17.57	17.52	17.42						
20	16QAM	100	0	17.70	18.00	17.60						
20	16QAM	100	24	17.44	17.36	17.44	19	0				
20	16QAM	1	40	17.44	17.76	17.66						
20	16QAM	1	80	17.67	17.69	17.50						
20	16QAM	50	0	17.46	17.50	17.46						
20	16QAM	50	24	17.60	17.84	17.74	19	0				
20	16QAM	50	48	17.60	17.72	17.58						
20	16QAM	100	0	17.51	17.72	17.61						
20	256QAM	1	0	17.04	17.00	17.00						
20	256QAM	1	40	17.03	17.12	17.03	18	1				
20	256QAM	1	80	17.04	17.00	17.03						
20	256QAM	50	0	16.97	16.96	17.03						
20	256QAM	50	24	17.08	17.01	17.01	19	0				
20	256QAM	50	48	16.94	16.90	16.97						
20	256QAM	100	0	16.95	17.08	16.94						
Channel										Turn-on Time (dB)		
Frequency (MHz)										MPR (dB)		
15	QPSK	1	0	18.07	18.00	18.00	Turn-on Time (dB)	MPR (dB)				
15	QPSK	1	40	17.71	17.68	17.79						
15	QPSK	1	80	17.71	17.75	17.74						
15	QPSK	1	74	17.71	17.75	17.74						
15	QPSK	36	0	17.72	17.75	17.61						
15	QPSK	36	24	17.68	17.60	17.60	19	0				
15	QPSK	36	48	17.63	17.73	17.52						
15	QPSK	36	0	17.54	17.61	17.45						
15	16QAM	1	0	17.63	17.73	17.52						
15	16QAM	1	74	17.37	17.62	17.42	19	0				
15	16QAM	36	0	17.63	17.72	17.42						
15	16QAM	36	24	17.35	17.69	17.51						
15	16QAM	36	48	17.51	17.66	17.68						
15	16QAM	36	0	17.68	17.62	17.62						
15	16QAM	1	0	17.40	17.41	17.30						
15	16QAM	1	24	17.40	17.41	17.32						
15	16QAM	36	20	17.59	17.60	17.71						
15	16QAM	36	48	17.61	17.64	17.64	19	0				
15	16QAM	36	0	17.63	17.66	17.66						
15	16QAM	1	0	17.43	17.43	17.34						
15	16QAM	1	40	17.54	17.67	17.48						
15	16QAM	25	0	17.41	17.34	17.53						
15	16QAM	25	24	17.61	17.64	17.64	19	0				
15	16QAM	25	48	17.60	17.70	17.56						
15	16QAM	50	0	17.48	17.57	17.50						
15	16QAM	50	24	17.69	18.07	17.88	19	0				
15	16QAM	50	48	17.68	17.78	17.64						
15	16QAM	100	0	17.58	17.78	17.51						
15	16QAM	1	0	17.41	17.66	17.48						
15	16QAM	1	40	17.43	17.46	17.46	19	0				
15	16QAM	1	80	17.43	17.39	17.43						
15	16QAM	25	12	17.31	17.30	17.62						
15	16QAM	25	48	17.68	17.69	17.70	19	0				
15	16QAM	50	0	17.68	17.74	17.64						
15	16QAM	50	24	17.44	17.76	17.64						
15	16QAM	50	48	17.43	17.76	17.64						
15	16QAM	100	0	17.44	17.76	17.64						
15	16QAM	100	24	17.43	17.76	17.64	19	0				
15	16QAM	1	40	17.54	17.67	17.48						
15	16QAM	25	0	17.41	17.34	17.53						
15	16QAM	25	24	17.61	17.64	17.64	19	0				
15	16QAM	25	48	17.60	17.70	17.56						
15	16QAM	50	0	17.48	17.57	17.50						
15	16QAM	50	24	17.69	18.07	17.88	19	0				
15	16QAM	50	48	17.68	17.78	17.64						
15	16QAM	100	0	17.58	17.78	17.51						
15	16QAM	1	0	17.41	17.66	17.48						
15	16QAM	1	40	17.43	17.46	17.46	19	0				
15	16QAM	1	80	17.43	17.39	17.43						
15	16QAM	25	12	17.31	17.30	17.62						
15	16QAM	25	48	17.68	17.69	17.70	19	0				
15	16QAM	50	0	17.68	17.74	17.64						
15	16QAM	50	24	17.44	17.76	17.64						
15	16QAM	50	48	17.43	17.76	17.64						
15	16QAM	100	0	17.44	17.76	17.64						
15	16QAM	100	24	17.43	17.76	17.64	19	0				
15	16QAM	1	40	17.54	17.67	17.48						
15	16QAM	25	0	17.41	17.34	17.53						
15	16QAM	25	24	17.61	17.64	17.64	19	0				
15	16QAM	25	48	17.60	17.70	17.56						
15	16QAM	50	0	17.48	17.57	17.50						
15	16QAM	50	24	17.69	18.07	17.88	19	0				
15	16QAM	50	48	17.68	17.78	17.64						
15	16QAM	100	0	17.58	17.78	17.51						
15	16QAM	1	0	17.41	17.66	17.48						
15	16QAM	1	40	17.43	17.46	17.46	19	0				
15	16QAM	1	80	17.43	17.39	17.43						
15	16QAM	25	12	17.31	17.30	17.62						
15	16QAM	25	48	17.68	17.69	17.70	19	0				
15	16QAM	50	0	17.68	17.74	17.64						
15	16QAM	50	24	17.44	17.76	17.64						
15	16QAM	50	48	17.43	17.76	17.64						
15	16QAM	100	0	17.44	17.76	17.64						
15	16QAM	100	24	17.43	17.76	17.64	19	0				
15	16QAM	1	40	17.54	17.67	17.48						
15	16QAM	25	0	17.41	17.34	17.53						
15	16QAM	25	24	17.61	17.64	17.64	19	0				
15	16QAM	25	48	17.60	17.70	17.56						
15	16QAM	50	0	17.48	17.57	17.50						
15	16QAM	50	24	17.69	18.07	17.88	19	0				
15	16QAM	50	48	17.68	17.78	17.64						
15	16QAM	100	0	17.58	17.78	17.51						
15	16QAM	1	0	17.41	17.66	17.48						
15	16QAM	1	40	17.43	17.46	17.46	19	0				
15	16QAM	1	80	17.43	17.39	17.43						
15	16QAM	25	12	17.31	17.30	17.62						
15	16QAM	25	48	17.68	17.69	17.70	19	0				
15	16QAM	50	0	17.68	17.74	17.64						
15	16QAM	50	24	17.44	17.76	17.64						
15	16QAM	50	48	17.43	17.76	17.64						
15	16QAM	100	0	17.44	17.76	17.64						
15	16QAM	100	24	17.43	17.76	17.64	19	0				
15	16QAM	1	40	17.54	17.67	17.48						
15	16QAM	25	0	17.41	17.34	17.53						
15	16QAM	25	24	17.61	17.64	17.64	19	0				
15	16QAM	25	48	17.60	17.70	17.56						
15	16QAM	50	0	17.48	17.57	17.50						
15	16QAM	50	24	17.69	18.07	17.88	19	0				
15	16QAM	50	48	17.68	17.78	17.64						
15	16QAM	100	0	17.58	17.78	17.51						
15	16QAM	1	0	17.41	17.66	17.48						
15	16QAM	1	40	17.43	17.46	17.46	19	0				
15	16QAM	1	80	17.43	17.39	17.43						
15	16QAM	25	12	17.31	17.30	17.62						
15	16QAM	25	48	17.68	17.69	17.70	19	0				
15	16QAM	50	0	17.68	17.74	17.64						
15	16QAM	50	24	17.44	17.76	17.64						
15	16QAM	50	48	17.43	17.76	17.64						
15	16QAM	100	0	17.44	17.76	17.64						
15	16QAM	100	24	17.43	17.76	17.64	19	0				
15	16QAM	1	40	17.54	17.67	17.48						
15	16QAM	25	0	17.41	17.34	17.53						
15	16QAM	25	24	17.61	17.64	17.64	19	0				
15	16QAM	25	48	17.60	17.70	17.56						
15	16QAM	50	0	17.48	17.57	17.50						
15	16QAM	50	24	17.69	18.07	17.88	19	0				
15	16QAM	50	48	17.68	17.78	17.64						
15	16QAM	100	0	17.58	17.78	17.51						
15	16QAM	1	0	17.41	17.66	17.48						
15	16QAM	1	40	17.43	17.46	17.46	19	0				
15	16QAM	1	80	17.43	17.39	17.43						
15	16QAM	25	12	17.31	17.30	17.62						
15	16QAM	25	48	17.68	17.69	17.70						

Band 5 Ant 4 DS13												
WV	Mod	Channel	RIS size	RIS offset	Power Low Ch. (dBm)	Power Mid Ch. (dBm)	Power High Ch. (dBm)	Turn-on lat. (ms)	MPE (dB)			
Frequency (MHz)												
15	QPSK	1	0	21.62	21.71	21.66						
15	QPSK	1	25	21.37	21.59	21.37				22.8	0	
15	QPSK	1	49	21.32	21.48	21.37						
15	QPSK	25	0	21.38	21.65	21.38						
15	QPSK	25	12	21.29	21.62	21.57				22.8	0	
15	QPSK	25	25	21.32	21.48	21.48						
15	QPSK	25	49	21.34	21.61	21.56						
15	16QAM	1	0	21.21	21.49	21.68						
15	16QAM	1	25	21.22	21.55	21.62				22.8	0	
15	16QAM	1	49	21.23	21.45	21.62						
15	16QAM	25	0	20.51	20.28	20.17						
15	16QAM	25	12	20.28	20.49	20.35				22	0	
15	16QAM	25	25	20.29	20.46	20.35						
15	16QAM	25	49	20.40	20.55	20.50						
15	16QAM	25	73	20.41	20.56	20.51						
15	16QAM	1	25	20.42	20.61	20.39				22	0	
15	16QAM	1	49	20.53	20.52	20.52						
15	16QAM	25	0	20.54	20.39	20.39						
15	16QAM	25	12	19.55	19.38	19.36				21	1.8	
15	16QAM	25	25	19.56	19.46	19.43						
15	16QAM	25	49	19.57	19.47	19.44						
15	16QAM	25	73	19.58	19.48	19.45						
15	256QAM	1	0	17.47	17.28	17.52						
15	256QAM	1	25	17.61	17.55	17.60				19	3.8	
15	256QAM	1	49	17.62	17.47	17.59						
15	256QAM	25	0	17.56	17.55	17.52						
15	256QAM	25	12	17.68	17.37	17.27				19	3.8	
15	256QAM	25	25	17.67	17.37	17.28						
15	256QAM	25	49	17.71	17.61	17.57						
Channel												
Frequency (MHz)												
5	QPSK	1	0	21.60	21.68	21.52						
5	QPSK	1	12	21.36	21.48	21.39				22.8	0	
5	QPSK	1	24	21.25	21.48	21.41						
5	QPSK	1	36	21.33	21.53	21.46						
5	QPSK	12	0	21.46	21.54	21.60				22.8	0	
5	QPSK	12	13	21.21	21.38	21.57						
5	QPSK	12	25	21.44	21.64	21.51						
5	16QAM	1	0	21.28	21.45	21.67						
5	16QAM	1	12	21.28	21.43	21.47				22.8	0	
5	16QAM	1	24	21.37	21.54	21.51						
5	16QAM	12	0	20.48	20.57	20.19						
5	16QAM	12	7	20.44	20.59	20.41						
5	16QAM	12	13	20.33	20.47	20.35						
5	16QAM	12	25	0	20.40	20.60	20.54					
5	16QAM	1	24	20.55	20.69	20.20						
5	16QAM	1	36	20.58	20.69	20.20						
5	16QAM	12	0	19.62	19.36	19.25						
5	16QAM	12	7	19.63	19.37	19.26						
5	16QAM	12	13	19.67	19.54	19.48				21	1.8	
5	16QAM	12	25	0	19.59	19.54	19.42					
5	16QAM	1	24	17.50	17.41	17.56						
5	256QAM	1	12	17.63	17.56	17.51				19	3.8	
5	256QAM	1	24	17.64	17.47	17.61						
5	256QAM	12	0	17.59	17.58	17.56						
5	256QAM	12	7	17.69	17.29	17.28				19	3.8	
5	256QAM	12	13	17.68	17.30	17.29						
5	256QAM	12	25	0	17.58	17.75	17.58					
Channel												
Frequency (MHz)												
14	QPSK	1	0	21.51	21.59	21.36						
14	QPSK	1	3	21.38	21.46	21.38						
14	QPSK	1	5	21.20	21.65	21.18				22.8	0	
14	QPSK	3	0	21.43	21.59	21.43						
14	QPSK	3	1	21.27	21.47	21.47						
14	16QAM	1	0	21.09	21.34	21.51						
14	16QAM	1	3	21.17	21.34	21.18						
14	16QAM	1	5	21.21	21.42	21.42				22.8	0	
14	16QAM	3	0	21.11	21.56	21.18						
14	16QAM	3	1	21.35	21.18	21.13						
14	16QAM	3	3	21.28	21.49	21.49						
14	16QAM	1	5	20.41	20.42	20.27				22	0.8	
14	16QAM	1	3	20.58	20.62	20.41						
14	16QAM	3	0	20.60	20.67	20.49						
14	16QAM	3	1	20.29	20.37	20.48				22	0.8	
14	16QAM	3	3	20.40	20.49	20.49						
14	16QAM	3	5	20.47	20.47	20.33						
14	256QAM	1	0	19.69	19.46	19.38				21	1.8	
14	256QAM	1	3	17.58	17.49	17.59						
14	256QAM	1	5	17.65	17.62	17.62						
14	256QAM	3	0	17.49	17.41	17.58				19	3.8	
14	256QAM	3	1	17.50	17.26	17.62						
14	256QAM	3	3	17.50	17.50	17.32						
14	256QAM	3	5	17.37	17.55	17.38				19	3.8	
14	256QAM	3	7	17.65	17.25	17.25				19	3.8	

Band 7 Ant 4 D53i3										
RF (MHz)	Modulation	RB (Hz)	RB Offset	Power Low (dBm) 20050	Power Middle (dBm) 21100	Power High (dBm) 21850	Transmit (dBm)	MPE (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	49	14.82	15.03	14.87	16.2	0		
20	QPSK	1	49	14.86	14.90	14.83				
20	QPSK	50	50	14.80	14.94	14.83				
20	QPSK	50	50	14.84	14.88	14.81	16.2	0		
20	QPSK	99	24	14.83	14.83	14.86				
20	QPSK	99	24	14.79	14.92	14.71				
20	QPSK	100	50	14.87	14.87	14.87				
20	HQAM	1	49	14.70	14.81	14.67				
20	HQAM	1	49	14.72	14.80	14.75	16.2	0		
20	HQAM	50	50	14.68	14.87	14.69				
20	HQAM	50	50	14.69	14.86	14.75	16.2	0		
20	HQAM	100	0	14.73	14.79	14.60				
20	HQAM	100	0	14.75	14.80	14.65				
20	HQAM	50	50	14.70	14.83	14.68	16.2	0		
20	HQAM	75	49	14.61	14.84	14.68				
20	HQAM	75	49	14.62	14.83	14.77				
20	HQAM	50	24	14.54	14.88	14.72				
20	HQAM	50	50	14.57	14.68	14.75				
20	HQAM	50	50	14.58	14.69	14.76				
20	DSSSS	1	0	14.69	14.68	14.65				
20	DSSSS	1	49	14.80	14.80	14.67	16.2	0		
20	DSSSS	50	50	14.82	14.82	14.69				
20	DSSSS	50	50	14.74	14.85	14.76				
20	DSSSS	50	24	14.70	14.89	14.68	16.2	0		
20	DSSSS	50	50	14.72	14.80	14.75				
20	DSSSS	100	0	14.78	14.78	14.71				
Channel										
Frequency (MHz)										
16	QPSK	1	47	14.94	15.07	14.93	16.2	0		
16	QPSK	1	47	14.95	14.87	14.78				
16	QPSK	1	74	14.75	14.79	14.78				
16	QPSK	51	51	14.81	14.96	14.83				
16	QPSK	38	20	14.60	14.79	14.83	16.2	0		
16	QPSK	38	20	14.74	14.91	14.71				
16	HQAM	1	47	14.83	14.79	14.67				
16	HQAM	1	47	14.69	14.79	14.67	16.2	0		
16	HQAM	1	74	14.81	14.85	14.66				
16	HQAM	38	20	14.77	14.89	14.65				
16	HQAM	38	20	14.65	14.82	14.61	16.2	0		
16	HQAM	38	20	14.52	14.58	14.71				
16	HQAM	75	0	14.60	14.75	14.72				
16	HQAM	75	0	14.70	14.80	14.69				
16	HQAM	1	47	14.74	14.76	14.68				
16	HQAM	1	47	14.70	14.80	14.70				
16	HQAM	38	20	14.67	14.84	14.81	16.2	0		
16	HQAM	38	20	14.65	14.82	14.78				
16	HQAM	38	20	14.62	14.80	14.75				
16	HQAM	38	20	14.59	14.80	14.73	16.2	0		
16	HQAM	38	20	14.56	14.78	14.76				
16	HQAM	50	50	14.53	14.80	14.78				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66				
16	HQAM	50	50	14.54	14.78	14.66	16.2	0		
16	HQAM	50	50	14.54	14.78	14.66				

[illegible]

Band 38 Ant 4												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Co./Freq.	Power Middle Co./Freq.	Power High Co./Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	17.53	17.55	17.57	19	0				
20	QPSK	1	49	17.53	17.54	17.57						
20	QPSK	1	99	17.57	17.54	17.54						
20	QPSK	50	0	17.63	17.62	17.55						
20	QPSK	50	24	17.49	17.75	17.75	19	0				
20	QPSK	50	50	17.49	17.67	17.74						
20	QPSK	100	0	17.54	17.56	17.53						
20	16QAM	1	0	17.39	17.64	17.71						
20	16QAM	1	49	17.57	17.63	17.69	19	0				
20	16QAM	1	99	17.60	17.52	17.59						
20	16QAM	50	0	17.62	17.61	17.60						
20	16QAM	50	24	17.63	17.77	17.36						
20	16QAM	50	50	17.46	17.68	17.45	19	0				
20	16QAM	100	0	17.74	17.74	17.49						
20	64QAM	1	0	17.33	17.70	17.68						
20	64QAM	1	49	17.52	17.69	17.68						
20	64QAM	1	99	17.43	17.62	17.57	19	0				
20	64QAM	50	0	17.43	17.67	17.75						
20	64QAM	50	24	17.39	17.80	17.48						
20	64QAM	50	50	17.34	17.71	17.49						
20	64QAM	100	0	17.61	17.66	17.36	19	0				
20	256QAM	1	0	17.60	17.60	17.52						
20	256QAM	1	49	17.49	17.74	17.49						
20	256QAM	1	99	17.59	17.57	17.50						
20	256QAM	50	0	17.65	17.62	17.41	19	0				
20	256QAM	50	24	17.52	17.87	17.55						
20	256QAM	50	50	17.60	17.52	17.59						
20	256QAM	100	0	17.36	17.71	17.58						
Channel												
Frequency (MHz)												
15	QPSK	1	0	17.75	17.95	18.15	19	0				
15	QPSK	1	49	17.88	17.78	17.43						
15	QPSK	1	99	17.87	17.78	17.57						
15	QPSK	36	0	17.44	17.55	17.50						
15	QPSK	36	20	17.42	17.57	17.61	19	0				
15	QPSK	36	39	17.39	17.53	17.60						
15	QPSK	75	0	17.43	17.46	17.47						
15	QPSK	75	0	17.58	17.62	17.56						
15	16QAM	1	37	17.50	17.49	17.50	19	0				
15	16QAM	1	74	17.43	17.57	17.35						
15	16QAM	36	0	17.53	17.57	17.45						
15	16QAM	36	20	17.60	17.67	17.21						
15	16QAM	36	39	17.40	17.55	17.39	19	0				
15	16QAM	75	0	17.32	17.67	17.34						
15	64QAM	1	0	17.29	17.58	17.61						
15	64QAM	1	37	17.42	17.61	17.57						
15	64QAM	1	74	17.41	17.57	17.40	19	0				
15	64QAM	36	0	17.26	17.56	17.64						
15	64QAM	36	20	17.35	17.62	17.41						
15	64QAM	36	39	17.41	17.53	17.26						
15	64QAM	75	0	17.33	17.57	17.55	19	0				
15	64QAM	75	0	17.47	17.63	17.36						
15	256QAM	1	37	17.46	17.63	17.33						
15	256QAM	1	74	17.47	17.49	17.37						
15	256QAM	36	0	17.58	17.48	17.38	19	0				
15	256QAM	36	20	17.48	17.52	17.47						
15	256QAM	36	39	17.47	17.49	17.55						
15	256QAM	75	0	17.23	17.54	17.44						
Channel												
Frequency (MHz)												
10	QPSK	1	0	17.95	18.00	18.05	19	0				
10	QPSK	1	0	17.37	17.69	17.45						
10	QPSK	1	26	17.50	17.77	17.64						
10	QPSK	1	49	17.51	17.50	17.61						
10	QPSK	25	0	17.46	17.66	17.47	19	0				
10	QPSK	25	12	17.34	17.64	17.61						
10	QPSK	25	24	17.50	17.56	17.58						
10	QPSK	50	0	17.50	17.46	17.37						
10	16QAM	1	0	17.22	17.70	17.68	19	0				
10	16QAM	1	0	17.44	17.58	17.67						
10	16QAM	1	49	17.53	17.60	17.29						
10	16QAM	25	0	17.49	17.60	17.42						
10	16QAM	25	12	17.46	17.64	17.26	19	0				
10	16QAM	25	24	17.33	17.71	17.27						
10	16QAM	50	0	17.28	17.65	17.47						
10	64QAM	1	0	17.28	17.61	17.63						
10	64QAM	1	26	17.39	17.53	17.62	19	0				
10	64QAM	1	49	17.26	17.53	17.39						
10	64QAM	25	0	17.36	17.59	17.67						
10	64QAM	25	12	17.34	17.68	17.47						
10	64QAM	25	24	17.38	17.52	17.37	19	0				
10	64QAM	50	0	17.37	17.66	17.42						
10	256QAM	1	0	17.47	17.63	17.33						
10	256QAM	1	26	17.38	17.51	17.38						
10	256QAM	1	49	17.41	17.46	17.35	19	0				
10	256QAM	25	0	17.58	17.56	17.50						
10	256QAM	25	12	17.51	17.51	17.36						
10	256QAM	25	24	17.48	17.48	17.57						
10	256QAM	50	0	17.58	17.69	17.42	19	0				
Channel												
Frequency (MHz)												
5	QPSK	1	0	17.77	18.00	18.25			19	0		
5	QPSK	1	0	17.56	17.76	17.57						
5	QPSK	1	12	17.50	17.61	17.63						
5	QPSK	1	24	17.42	17.45	17.56						
5	QPSK	12	0	17.55	17.52	17.45	19	0				
5	QPSK	12	7	17.47	17.65	17.69						
5	QPSK	12	13	17.44	17.49	17.54						
5	QPSK	25	0	17.40	17.41	17.51						
5	16QAM	1	0	17.30	17.79	17.64	19	0				
5	16QAM	1	12	17.44	17.62	17.52						
5	16QAM	1	24	17.56	17.51	17.39						
5	16QAM	12	0	17.43	17.54	17.42						
5	16QAM	12	7	17.55	17.62	17.22	19	0				
5	16QAM	12	13	17.42	17.51	17.29						
5	16QAM	25	0	17.26	17.62	17.40						
5	64QAM	1	0	17.21	17.60	17.61						
5	64QAM	1	12	17.40	17.68	17.64	19	0				
5	64QAM	1	24	17.47	17.44	17.56						
5	64QAM	12	0	17.28	17.52	17.65						
5	64QAM	12	7	17.26	17.65	17.43						
5	64QAM	12	13	17.47	17.52	17.30	19	0				
5	64QAM	25	0	17.31	17.71	17.41						
5	256QAM	1	0	17.57	17.76	17.38						
5	256QAM	1	12	17.31	17.66	17.38						
5	256QAM	1	24	17.50	17.45	17.33	19	0				
5	256QAM	12	0	17.51	17.59	17.39						
5	256QAM	12	7	17.45	17.53	17.40						
5	256QAM	12	13	17.48	17.49	17.41						

Band 41 Ant 4										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Co./ Freq.	Power Middle Co./ Freq.	Power High Co./ Freq.	Power Low Co./ Freq.	Power High Co./ Freq.	Tune-up limit (dBm)	MPR (dB)
Channel										
Frequency (MHz)				399750	401165	406300	410550	414300		
				245175	249315	249315	249315	249315		
20	QPSK	1	0	17.74	17.78	18.00	17.76	17.71	19	0
20	QPSK	1	49	17.84	17.98	18.00	17.80	17.86		
20	QPSK	1	99	17.76	17.72	17.89	17.85	17.94		
20	QPSK	50	0	17.76	17.78	17.80	17.71	17.69		
20	QPSK	50	24	17.91	17.87	17.92	17.88	17.85	19	0
20	QPSK	50	50	17.72	17.64	17.88	17.79	17.73		
20	QPSK	100	0	17.84	17.82	17.81	17.81	17.81		
20	QPSK	100	24	17.67	17.59	17.96	17.85	17.68		
20	16QAM	1	49	17.87	17.73	17.85	17.87	17.86	19	0
20	16QAM	1	99	17.72	17.76	17.88	17.68	17.69		
20	16QAM	50	0	17.76	17.78	17.80	17.71	17.64		
20	16QAM	50	24	17.79	17.76	17.88	17.59	17.50		
20	16QAM	50	50	17.78	17.64	17.82	17.67	17.68	19	0
20	16QAM	100	0	17.78	17.68	17.82	17.76	17.76		
20	16QAM	100	24	17.78	17.58	17.84	17.79	17.82		
20	64QAM	1	49	17.78	17.66	17.87	17.84	17.78		
20	64QAM	1	99	17.85	17.62	17.83	17.75	17.78	19	0
20	64QAM	50	0	17.75	17.68	17.91	17.80	17.83		
20	64QAM	50	24	17.84	17.57	17.93	17.63	17.72		
20	64QAM	50	50	17.83	17.68	17.85	17.65	17.62		
20	64QAM	100	0	17.75	17.68	17.81	17.76	17.76	19	0
20	256QAM	1	0	17.87	17.72	18.00	17.76	17.85		
20	256QAM	1	49	17.85	17.65	18.00	17.74	17.82		
20	256QAM	1	99	17.70	17.75	17.75	17.68	17.78		
20	256QAM	50	0	17.70	17.76	17.73	17.73	17.88	19	0
20	256QAM	50	24	17.83	17.67	17.87	17.70	17.69		
20	256QAM	50	50	17.74	17.82	17.72	17.79	17.93		
20	256QAM	100	0	17.74	17.68	17.88	17.77	17.85		
Channel										
Frequency (MHz)				399755	401170	406300	410608	414315	Tune-up limit (dBm)	MPR (dB)
				245215	249415	249315	249315	249315		
15	QPSK	1	0	17.65	17.77	17.96	17.59	17.68	19	0
15	QPSK	1	37	17.65	17.60	17.97	17.68	17.78		
15	QPSK	1	74	17.70	17.70	17.77	17.68	17.80		
15	QPSK	36	0	17.67	17.55	17.86	17.52	17.81		
15	QPSK	36	20	17.76	17.63	17.79	17.68	17.73	19	0
15	QPSK	36	36	17.68	17.45	17.72	17.65	17.75		
15	QPSK	75	0	17.64	17.56	17.72	17.78	17.71		
15	16QAM	1	0	17.65	17.77	17.96	17.51	17.73		
15	16QAM	1	37	17.75	17.55	17.69	17.72	17.77	19	0
15	16QAM	1	74	17.62	17.72	17.80	17.64	17.68		
15	16QAM	36	0	17.56	17.72	17.87	17.65	17.67		
15	16QAM	36	20	17.66	17.60	17.74	17.48	17.86		
15	16QAM	36	36	17.67	17.57	17.74	17.50	17.75	19	0
15	16QAM	75	0	17.72	17.47	17.79	17.55	17.63		
15	16QAM	75	0	17.68	17.60	17.78	17.73	17.78		
15	64QAM	1	0	17.61	17.61	17.84	17.71	17.71		
15	64QAM	1	74	17.70	17.58	17.78	17.68	17.74	19	0
15	64QAM	36	0	17.72	17.68	17.70	17.81	17.68		
15	64QAM	36	20	17.68	17.40	17.92	17.59	17.83		
15	64QAM	36	36	17.76	17.53	17.71	17.49	17.82		
15	64QAM	75	0	17.74	17.53	17.83	17.58	17.73	19	0
15	256QAM	1	0	17.76	17.63	17.98	17.68	17.72		
15	256QAM	1	37	17.73	17.53	17.90	17.62	17.77		
15	256QAM	1	74	17.76	17.52	17.57	17.65	17.67		
15	256QAM	36	0	17.63	17.72	17.70	17.57	17.71	19	0
15	256QAM	36	20	17.64	17.24	17.82	17.62	17.81		
15	256QAM	36	36	17.68	17.58	17.54	17.64	17.80		
15	256QAM	75	0	17.57	17.66	17.67	17.67	17.88		
Channel										
Frequency (MHz)				399760	401175	406300	410625	414320	Tune-up limit (dBm)	MPR (dB)
				245215	249415	249315	249315	249315		
10	QPSK	1	0	17.64	17.71	17.89	17.65	17.65	19	0
10	QPSK	1	25	17.83	17.58	17.84	17.68	17.72		
10	QPSK	1	49	17.75	17.68	17.87	17.72	17.76		
10	QPSK	25	0	17.77	17.57	17.76	17.53	17.80		
10	QPSK	25	12	17.86	17.62	17.85	17.81	17.81	19	0
10	QPSK	25	25	17.69	17.46	17.83	17.68	17.78		
10	QPSK	50	0	17.69	17.64	17.74	17.71	17.63		
10	16QAM	1	0	17.52	17.57	17.92	17.66	17.61		
10	16QAM	1	25	17.70	17.54	17.78	17.77	17.81	19	0
10	16QAM	1	49	17.60	17.58	17.78	17.77	17.81		
10	16QAM	25	0	17.60	17.72	17.88	17.75	17.65		
10	16QAM	25	12	17.68	17.71	17.69	17.57	17.73		
10	16QAM	25	25	17.60	17.46	17.83	17.68	17.78	19	0
10	16QAM	50	0	17.75	17.54	17.79	17.58	17.68		
10	64QAM	1	0	17.72	17.43	17.75	17.76	17.68		
10	64QAM	1	25	17.61	17.46	17.71	17.76	17.67		
10	64QAM	1	49	17.81	17.46	17.67	17.57	17.75	19	0
10	64QAM	25	0	17.76	17.54	17.74	17.77	17.74		
10	64QAM	25	12	17.75	17.56	17.87	17.52	17.70		
10	64QAM	25	25	17.66	17.48	17.83	17.67	17.77		
10	64QAM	50	0	17.64	17.48	17.76	17.58	17.59	19	0
10	256QAM	1	0	17.83	17.71	17.85	17.71	17.84		
10	256QAM	1	25	17.74	17.54	17.88	17.76	17.76		
10	256QAM	1	49	17.78	17.54	17.96	17.81	17.74		
10	256QAM	25	0	17.62	17.62	17.63	17.69	17.71	19	0
10	256QAM	25	12	17.76	17.67	17.84	17.54	17.68		
10	256QAM	25	25	17.66	17.59	17.63	17.68	17.75		
10	256QAM	50	0	17.63	17.50	17.81	17.67	17.85		
Channel										
Frequency (MHz)				399775	401185	406300	410935	415957	Tune-up limit (dBm)	MPR (dB)
				245235	249435	249315	249315	249315		
5	QPSK	1	0	17.67	17.61	17.89	17.68	17.61	19	0
5	QPSK	1	12	17.79	17.52	17.88	17.76	17.81		
5	QPSK	1	24	17.61	17.54	17.74	17.74	17.81		
5	QPSK	12	0	17.83	17.59	17.71	17.68	17.80		
5	QPSK	12	7	17.83	17.64	17.88	17.86	17.81	19	0
5	QPSK	12	13	17.61	17.52	17.73	17.62	17.80		
5	QPSK	24	0	17.71	17.68	17.68	17.78	17.75		
5	16QAM	1	0	17.58	17.50	17.91	17.68	17.65		
5	16QAM	1	12	17.79	17.71	17.78	17.77	17.79	19	0
5	16QAM	1	24	17.66	17.72	17.70	17.66	17.69		
5	16QAM	12	0	17.68	17.68	17.73	17.78	17.83		
5	16QAM	12	7	17.70	17.72	17.75	17.42	17.89		
5	16QAM	12	13	17.61	17.51	17.70	17.59	17.73	19	0
5	16QAM	24	0	17.81	17.51	17.70	17.64	17.68		
5	64QAM	1	0	17.70	17.51	17.71	17.71	17.77		
5	64QAM	1	12	17.70	17.60	17.75	17.79	17.62		
5	64QAM	1	24	17.61	17.51	17.68	17.73	17.73	19	0
5	64QAM	12	0	17.75	17.65	17.75	17.84	17.78		
5	64QAM	12	7	17.68	17.45	17.52	17.47	17.61		
5	64QAM	12	13	17.67	17.62	17.72	17.47	17.83		
5	64QAM	24	0	17.69	17.59	17.74	17.60	17.73	19	0
5	256QAM	1	0	17.74	17.69	17.85	17.65	17.80		
5	256QAM	1	12	17.73	17.57	17.88	17.60	17.76		
5	256QAM	1	24	17.68	17.72	17.72	17.64	17.75		
5	256QAM	12	0	17.62	17.73	17.61	17.69	17.75	19	0
5	256QAM	12	7	17.76	17.63	17.68	17.66	17.50		
5	256QAM	12	13	17.62	17.67	17.67	17.67	17.79		
5	256QAM	24	0	17.62	17.50	17.77	17.64	17.74		

Band 42 FCC Part27Q Ant 5 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				42190	42590	42990	18.1	0
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.27	17.39	17.25	18.1	0
20	QPSK	1	49	17.30	17.28	17.03		
20	QPSK	1	99	17.14	17.10	17.18		
20	QPSK	50	0	17.26	17.23	17.23	18.1	0
20	QPSK	50	24	17.03	17.27	17.10		
20	QPSK	50	50	17.20	17.15	17.05		
20	QPSK	100	0	17.16	17.18	17.12		

Reduced Power Mode for DSI6

GSM50 Ant 0 DSI6		Sum Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 1 Tx slot		32.92	33.05	32.96	33.50	23.92	24.05	23.96	24.50
GPRS 2 Tx slots		23.70	23.49	28.75	30.50	23.70	23.49	23.75	24.50
GPRS 3 Tx slots		27.89	27.69	27.64	28.50	23.63	23.43	23.38	24.24
GPRS 4 Tx slots		26.21	26.27	26.14	27.50	23.21	23.27	23.14	24.50

Band		WCDMA V Ant 0 DSI6			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		824.2	836.4	848.8	
3GPP Rel 99	RNCP-12.2Kbps	22.87	22.93	22.77	24.00

Band 5 Ant 0 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				20450	20525	20600		
Frequency (MHz)				500	535.5	544		
10	QPSK	1	0	22.76	22.92	22.79	24	0
10	QPSK	1	25	22.58	22.87	22.87		
10	QPSK	1	49	22.70	22.81	22.74		
10	QPSK	25	0	21.82	22.03	21.90	23	1
10	QPSK	25	12	21.96	21.77	21.94		
10	QPSK	25	25	21.99	21.89	21.77		
10	QPSK	50	0	21.87	21.99	21.84		

Band 26 Ant 0 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				26766	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	23.05	22.79	24	0
15	QPSK	1	37	22.78	22.68	22.59		
15	QPSK	1	74	22.73	22.89	22.72		
15	QPSK	36	0	21.79	21.86	21.75	23	1
15	QPSK	36	20	21.76	21.79	21.70		
15	QPSK	36	39	21.76	21.76	21.76		
15	QPSK	75	0	21.63	21.74	21.70		

GSM1900 Ant 1 DS8		Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1850	1900.8		1850.2	1850	1900.8	
GPRS 1 Tx slot		28.91	28.93	28.79	30.50	19.91	19.93	19.79	21.50
GPRS 2 Tx slots		25.38	25.47	25.58	26.50	19.38	19.47	19.58	20.50
GPRS 3 Tx slots		23.76	23.48	23.67	25.00	19.50	19.22	19.41	20.74
GPRS 4 Tx slots		22.10	22.18	22.22	23.50	19.10	19.18	19.22	20.50

Band		WCDMA 1 Ant 1 DS8			Tune-up Limit (dbm)
TX Channel		9602	9600	9538	
Rx Channel		9662	9600	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	RMC 12.2Kbps	21.72	21.77	21.72	23.30

Band 2 Ant 1 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				18700	18900	19100	23.5	0
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.15	22.33	22.01		
20	QPSK	1	49	22.04	22.00	22.05	23	0.5
20	QPSK	1	99	21.92	21.91	21.87		
20	QPSK	50	0	21.72	21.78	21.60		
20	QPSK	50	24	21.75	21.60	21.71		
20	QPSK	50	50	21.68	21.61	21.70		
20	QPSK	100	0	21.74	21.80	21.70		

Band 7 Ant 1 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	21.8	0
Frequency (MHz)				20810	20935	20960		
20	QPSK	1	0	20.92	21.04	20.99		
20	QPSK	1	49	20.96	21.00	20.88	21.8	0
20	QPSK	1	99	20.83	20.94	20.97		
20	QPSK	50	0	20.94	20.99	20.98		
20	QPSK	50	24	20.90	20.83	20.96		
20	QPSK	50	50	20.95	20.94	20.87		
20	QPSK	100	0	20.98	21.00	20.88		

Band 38 Ant 1 DS16														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Time-up limit (dftm)	MPR (dft)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	22.50	23.12	23.01	24	0						
20	QPSK	1	49	22.50	23.12	23.01								
20	QPSK	1	99	22.79	22.74	22.80								
20	QPSK	50	0	21.94	22.05	21.93								
20	QPSK	50	24	21.91	21.83	21.75	23	1						
20	QPSK	50	50	21.75	21.71	21.55								
20	QPSK	100	0	21.92	21.97	21.95								
20	16QAM	1	0	21.90	21.62	21.66								
20	16QAM	1	49	21.75	21.68	21.66	23	1						
20	16QAM	1	99	21.93	21.83	21.87								
20	16QAM	50	0	20.67	20.85	20.82								
20	16QAM	50	24	19.73	19.72	19.69								
20	16QAM	50	50	20.80	20.53	20.68	22	2						
20	16QAM	100	0	20.56	20.78	20.43								
20	16QAM	1	0	20.61	20.64	20.59								
20	16QAM	1	49	20.96	20.97	20.94								
20	16QAM	1	99	20.99	20.72	20.84	21	3						
20	16QAM	50	0	19.73	19.81	19.88								
20	16QAM	50	24	19.76	19.67	19.72								
20	16QAM	50	50	19.74	19.52	19.77								
20	16QAM	100	0	19.73	19.72	19.69	19	5						
20	256QAM	1	0	17.72	17.71	17.69								
20	256QAM	1	49	17.73	17.87	17.82								
20	256QAM	1	99	17.56	17.59	17.62								
20	256QAM	50	0	17.62	17.61	17.56								
20	256QAM	50	24	17.55	17.85	17.87								
20	256QAM	50	50	17.59	17.70	17.51								
20	256QAM	100	0	17.67	17.63	17.53	19	5						
Channel														
Frequency (MHz)														
15	QPSK	1	0	22.75	22.97	22.92					24	0		
15	QPSK	1	49	22.75	22.97	22.92								
15	QPSK	1	74	22.61	22.71	22.77								
15	QPSK	36	0	21.77	22.00	21.90								
15	QPSK	36	39	21.66	21.60	21.91	23	1						
15	QPSK	75	0	21.91	21.99	21.99								
15	QPSK	1	0	21.79	21.85	21.96								
15	16QAM	37	0	21.73	21.82	21.86								
15	16QAM	1	0	21.79	21.85	21.96	23	1						
15	16QAM	1	74	21.94	21.89	21.71								
15	16QAM	36	0	20.65	20.64	20.75								
15	16QAM	36	39	20.76	20.69	20.69								
15	16QAM	36	39	20.80	20.50	20.54	22	2						
15	16QAM	75	0	20.43	20.69	20.52								
15	16QAM	1	0	20.71	20.68	20.65								
15	16QAM	1	37	20.39	20.67	20.63								
15	16QAM	1	74	20.61	20.58	20.74	22	2						
15	16QAM	36	0	19.66	19.66	19.73								
15	16QAM	36	39	19.73	19.57	19.58								
15	16QAM	36	39	19.64	19.57	19.72								
15	16QAM	75	0	19.68	19.74	19.59	21	3						
15	16QAM	1	0	17.74	17.65	17.64								
15	16QAM	1	37	17.81	17.85	17.68								
15	256QAM	1	74	17.55	17.58	17.64								
15	256QAM	1	0	17.65	17.68	17.68	19	5						
15	256QAM	36	20	17.50	17.79	17.76								
15	256QAM	36	39	17.57	17.68	17.61								
15	256QAM	75	0	17.71	17.69	17.81								
Channel														
Frequency (MHz)														
10	QPSK	1	0	23.70	23.90	23.90	24	0						
10	QPSK	1	49	22.70	22.74	22.86								
10	QPSK	25	0	21.83	22.07	21.86								
10	QPSK	25	12	21.77	21.89	21.96								
10	QPSK	25	25	21.79	21.59	22.01	23	1						
10	QPSK	50	0	21.81	21.98	21.91								
10	16QAM	1	0	21.81	21.70	22.01								
10	16QAM	1	24	21.80	21.86	21.90								
10	16QAM	1	49	21.93	21.93	21.62	23	1						
10	16QAM	25	0	20.68	20.65	20.77								
10	16QAM	25	12	20.62	20.50	20.74								
10	16QAM	25	25	20.67	20.62	20.74								
10	16QAM	50	0	20.45	20.71	20.44	22	2						
10	16QAM	1	0	20.52	20.62	20.51								
10	16QAM	1	25	20.53	20.57	20.71								
10	16QAM	1	49	20.56	20.58	20.86								
10	16QAM	25	0	19.74	19.70	19.76	21	3						
10	16QAM	25	12	19.87	19.88	19.89								
10	16QAM	25	25	19.89	19.52	19.73								
10	16QAM	50	0	19.67	19.63	19.49								
10	256QAM	1	0	17.62	17.76	17.64	19	5						
10	256QAM	1	25	17.68	17.72	17.63								
10	256QAM	1	49	17.50	17.57	17.64								
10	256QAM	25	0	17.72	17.76	17.57								
10	256QAM	25	12	17.83	17.80	17.80	19	5						
10	256QAM	25	25	17.56	17.76	17.47								
10	256QAM	50	0	17.63	17.63	17.61								
Channel														
Frequency (MHz)														
5	QPSK	1	0	22.74	22.96	23.00	24	0						
5	QPSK	1	12	22.83	22.72	22.78								
5	QPSK	1	24	22.82	22.79	22.71								
5	QPSK	12	0	21.78	21.87	21.87								
5	QPSK	12	7	21.72	21.80	21.65	23	1						
5	QPSK	12	13	21.77	21.70	22.07								
5	QPSK	25	0	21.78	21.97	21.91								
5	16QAM	1	0	21.76	21.58	22.00								
5	16QAM	1	12	21.72	21.92	21.89	23	1						
5	16QAM	1	24	21.79	21.81	21.66								
5	16QAM	12	0	20.57	20.71	20.74								
5	16QAM	12	7	20.96	20.94	20.73								
5	16QAM	12	13	20.67	20.48	20.72	22	2						
5	16QAM	25	0	20.54	20.75	20.53								
5	16QAM	1	0	20.62	20.60	20.59								
5	16QAM	1	12	20.51	20.63	20.71								
5	16QAM	1	24	20.59	20.54	20.76	22	2						
5	16QAM	12	0	19.65	19.67	19.73								
5	16QAM	12	7	19.77	19.63	19.67								
5	16QAM	12	13	19.65	19.66	19.71								
5	256QAM	1	0	17.66	17.74	17.57	21	3						
5	256QAM	1	12	17.83	17.81	17.71								
5	256QAM	1	24	17.62	17.61	17.59								
5	256QAM	12	0	17.77	17.76	17.64								
5	256QAM	12	7	17.89	17.72	17.67	19	5						
5	256QAM	12	13	17.68	17.69	17.67								

Band 41 Ant 1 DS16										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Co./Freq.	Power Low Freq.	Power Middle Co./Freq.	Power High Co./Freq.	Power High Freq.	Time-up limit (dftm)	MPR (dft)
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.03	23.05	23.13	22.99	23.07	24	0

Band 2 Ant 4										
BW (MHz)	Modulation	RS Size	RS Offset	Power (W)	Power (W)	Power (W)	Turn-on time (sec)	MFR (dB)		
Channel	Channel	Channel	Channel	Ch. Freq.	Ch. Freq.	Ch. Freq.				
Channel 1800										
20	QPSK	1	0	20.38	20.38	20.41				
20	QPSK	1	8	20.38	20.38	20.41	22.1	0		
20	QPSK	1	99	20.31	20.32	20.41				
20	QPSK	50	0	20.26	20.43	20.27				
20	QPSK	50	24	20.20	20.34	20.11	22.1	0		
20	QPSK	50	99	20.17	20.36	20.19				
20	QPSK	100	0	20.27	20.53	20.27				
20	QPSK	100	24	20.27	20.49	20.30				
20	QPSK	1	49	20.31	20.36	20.24	22.1	0		
20	QPSK	1	99	20.18	20.36	20.18				
20	QPSK	50	0	19.90	19.95	19.95				
20	QPSK	50	24	19.92	19.97	19.91	21	1.1		
20	QPSK	50	99	19.90	19.96	19.99				
20	QPSK	100	0	19.98	20.01	19.94				
20	QPSK	100	24	19.90	19.98	19.98				
20	QPSK	1	49	19.94	19.99	19.98	21	1.1		
20	QPSK	1	99	19.88	19.93	19.93				
20	QPSK	50	0	19.98	19.93	19.98				
20	QPSK	50	24	19.92	19.96	19.94	20	2.1		
20	QPSK	50	99	19.88	19.93	19.94				
20	QPSK	100	0	19.07	19.08	19.05				
20	QPSK	100	24	19.07	19.08	19.05				
20	QPSK	1	49	17.13	17.14	16.96	18	4.1		
20	QPSK	1	99	17.04	16.99	17.03				
20	QPSK	50	0	16.98	16.99	17.06				
20	QPSK	50	24	17.05	17.03	16.90	18	4.1		
20	QPSK	50	99	16.94	16.94	17.01				
20	QPSK	100	0	16.94	16.94	17.01				
1800	1800	1800	Turn-on time (sec)	MFR (dB)						
Channel 1800										
15	QPSK	1	0	20.37	20.32	20.37				
15	QPSK	1	8	20.37	20.32	20.37	22.1	0		
15	QPSK	1	74	20.30	20.27	20.41				
15	QPSK	36	0	20.22	20.42	20.31				
15	QPSK	36	24	20.11	20.33	20.07	22.1	0		
15	QPSK	36	99	20.15	20.31	20.15				
15	QPSK	75	0	20.28	20.49	20.24				
15	QPSK	75	24	20.28	20.46	20.29				
15	QPSK	1	37	20.28	20.01	20.24	22.1	0		
15	QPSK	1	99	19.98	19.94	19.98				
15	QPSK	50	0	19.88	19.89	19.94	21	1.1		
15	QPSK	50	24	19.84	19.96	19.92				
15	QPSK	50	99	19.84	19.96	19.92				
15	QPSK	100	0	19.88	19.88	19.88	21	1.1		
15	QPSK	100	24	19.88	19.88	19.88				
15	QPSK	1	74	19.97	19.95	19.95				
15	QPSK	36	0	19.91	19.88	19.87	20	2.1		
15	QPSK	36	24	19.88	19.93	19.89				
15	QPSK	36	99	19.85	19.95	19.95				
15	QPSK	75	0	19.89	19.94	19.94				
15	QPSK	75	24	19.88	19.94	19.94				
15	QPSK	75	99	19.88	19.94	19.94				
15	QPSK	100	0	19.88	19.94	19.94				
15	QPSK	100	24	19.88	19.94	19.94				
15	QPSK	100	99	19.88	19.94	19.94				
1800	1800	1800	Turn-on time (sec)	MFR (dB)						
Channel 1800										
10	QPSK	1	0	20.34	20.34	20.34				
10	QPSK	1	26	20.13	20.25	20.21	22.1	0		
10	QPSK	1	49	20.28	20.35	20.39				
10	QPSK	1	99	20.27	20.37	20.34				
10	QPSK	25	0	20.14	20.33	20.12	22.1	0		
10	QPSK	25	25	20.12	20.32	20.13				
10	QPSK	50	0	20.28	20.48	20.28				
10	QPSK	50	24	20.27	20.48	20.28				
10	QPSK	1	25	20.28	20.04	20.21	22.1	0		
10	QPSK	1	99	19.98	19.98	19.98				
10	QPSK	50	0	19.93	19.98	19.93				
10	QPSK	50	24	19.88	19.79	19.87	21	1.1		
10	QPSK	50	99	19.88	19.97	19.83				
10	QPSK	100	0	19.84	20.00	19.95				
10	QPSK	100	24	19.88	19.86	19.86	21	1.1		
10	QPSK	1	49	19.94	19.90	19.97				
10	QPSK	1	99	19.83	19.90	19.85				
10	QPSK	50	0	19.87	19.93	19.88	20	2.1		
10	QPSK	50	24	19.92	19.99	19.97				
10	QPSK	50	99	19.92	19.99	19.97				
10	QPSK	100	0	17.02	17.03	17.02				
10	QPSK	1	25	17.13	17.09	16.92	18	4.1		
10	QPSK	1	49	16.96	17.00	16.92				
10	QPSK	1	99	16.91	16.97	17.02				
10	QPSK	50	0	16.98	17.02	16.98	18	4.1		
10	QPSK	50	24	16.94	16.94	16.96				
10	QPSK	50	99	16.97	17.03	16.91				
1800	1800	1800	Turn-on time (sec)	MFR (dB)						
Channel 1800										
5	QPSK	1	0	20.35	20.35	20.39				
5	QPSK	1	12	20.08	20.26	20.21	22.1	0		
5	QPSK	1	24	20.26	20.27	20.40				
5	QPSK	1	49	20.19	20.30	20.36				
5	QPSK	12	7	20.12	20.34	20.10	22.1	0		
5	QPSK	12	13	20.15	20.31	20.17				
5	QPSK	24	0	20.24	20.39	20.26				
5	QPSK	24	7	20.24	20.43	20.26	22.1	0		
5	QPSK	1	12	20.29	20.03	20.22				
5	QPSK	1	12	20.13	20.33	20.08				
5	QPSK	1	25	19.92	19.95	19.92				
5	QPSK	12	7	19.88	19.82	19.93	21	1.1		
5	QPSK	12	13	19.90	19.92	19.84				
5	QPSK	25	0	19.87	19.96	19.93				
5	QPSK	1	0	19.88	19.83	19.88	21	1.1		
5	QPSK	1	8	19.93	19.99	19.84				
5	QPSK	1	24	19.98	19.98	19.92				
5	QPSK	12	7	19.90	19.88	19.89				
5	QPSK	12	13	19.95	19.95	19.93	20	2.1		
5	QPSK	25	0	19.92	19.92	19.94				
5	QPSK	1	12	17.02	17.03	17.02				
5	QPSK	1	12	17.12	17.09	16.92	18	4.1		
5	QPSK	1	24	17.00	16.96	17.00				
5	QPSK	1	49	16.93	16.92	17.03				
5	QPSK	12	7	16.99	16.97	16.87	18	4.1		
5	QPSK	12	13	16.91	16.94	16.96				
5	QPSK	25	0	16.98	17.06	16.90				
5	QPSK	25	7	16.97	17.03	16.91				
1800	1800	1800	Turn-on time (sec)	MFR (dB)						
Channel 1800										
3	QPSK	1	0	20.38	20.32	20.37	22.1	0		
3	QPSK	1	8	20.13	20.02	20.32				
3	QPSK	1	14	20.27	20.27	20.41				
3	QPSK	8	0	20.25	20.39	20.32				
3	QPSK	8	4	20.13	20.09	20.07	22.1	0		
3	QPSK	12	0	20.16	20.27	20.14				
3	QPSK	16	0	20.20	20.32	20.24				
3	QPSK	16	7	20.12	20.34	20.10	22.1	0		
3	QPSK	1	12	20.29	20.03	20.22				
3	QPSK	1	12	20.13	20.33	20.08				
3	QPSK	8	0	19.92	19.94	19.88				
3	QPSK	8	7	19.88	19.82	19.93	21	1.1		
3	QPSK	16	0	19.89	19.97	19.84				
3	QPSK	16	7	19.89	19.91	19.89				
3	QPSK	1	8	19.91	19.96	19.84	21	1.1		
3	QPSK	1	14	19.93	19.99	19.78				
3	QPSK	8	0	19.85	19.85	19.85				
3	QPSK	8	7	19.85	19.83	19.88	20	2.1		
3	QPSK	16	0	19.92	19.92	19.94				
3	QPSK	16	7	19.94	19.95	19.93				
3	QPSK	1	12	17.00	16.93	16.96				
3	QPSK	1	12	17.12	17.09	16.94	18	4.1		
3	QPSK	1	14	17.02	16.96	16.99				
3	QPSK	8	0	16.95	16.93	17.04				
3	QPSK	8	7	16.91	16.88	16.92	18	4.1		
3	QPSK	16	0	16.90	16.76	16.97				
3	QPSK	16	7	16.89	16.83	16.94				
3	QPSK	1	0	16.89	17.06	16.91	Turn-on time (sec)	MFR (dB)		
Channel 1800										
1.4	QPSK	1	0	20.24	20.34	20.39	22.1	0		
1.4	QPSK	1	3	20.22	20.17	20.21				
1.4	QPSK	1	5	20.49	20.45	20.19				
1.4	QPSK	3	0	20.31	20.39	20.40	22.1	0		
1.4	QPSK	3	1	20.08	20.11	2				

Band 5 Ant 4 DS16		
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Band 38 Ant 4 DS16												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Co. (Frac)	Power Middle Co. (Frac)	Power High Co. (Frac)	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	20.35	20.32	20.34	21.9	0				
20	QPSK	1	49	20.28	20.31	20.28						
20	QPSK	1	99	20.24	20.36	20.24						
20	QPSK	50	0	20.17	20.11	20.18						
20	QPSK	50	24	20.15	20.39	20.27	21.9	0				
20	QPSK	50	50	20.26	20.34	20.33						
20	QPSK	100	0	20.35	20.39	20.29						
20	16QAM	1	0	20.11	20.29	20.34						
20	16QAM	1	49	20.17	20.41	20.25	21.9	0				
20	16QAM	1	99	20.27	20.32	20.31						
20	16QAM	50	0	20.16	20.37	20.24						
20	16QAM	50	24	20.18	20.35	20.20						
20	16QAM	50	50	20.33	20.48	20.28	21.9	0				
20	16QAM	100	0	20.15	20.40	20.29						
20	64QAM	1	0	20.22	20.41	20.25		21.9	0			
20	64QAM	1	49	20.10	20.32	20.25						
20	64QAM	1	99	20.21	20.33	20.24						
20	64QAM	50	0	19.24	19.48	19.23						
20	64QAM	50	24	19.27	19.63	19.48	21	0.9				
20	64QAM	50	50	19.33	19.55	19.35						
20	64QAM	100	0	19.43	19.55	19.43						
20	256QAM	1	0	17.41	17.68	17.36						
20	256QAM	1	49	17.31	17.43	17.41	19	2.9				
20	256QAM	1	99	17.31	17.66	17.44						
20	256QAM	50	0	17.27	17.50	17.29						
20	256QAM	50	24	17.39	17.66	17.38						
20	256QAM	50	50	17.36	17.56	17.36	19	2.9				
20	256QAM	100	0	17.43	17.46	17.29						
Channel												
Frequency (MHz)												
5	QPSK	1	0	20.25	20.34	20.21	21.9	0				
5	QPSK	1	37	19.99	20.16	20.06						
5	QPSK	1	74	20.12	20.21	20.15						
5	QPSK	36	0	20.09	20.26	20.11						
5	QPSK	36	0	20.15	20.25	20.19	21.9	0				
5	QPSK	36	39	20.14	20.25	20.20						
5	QPSK	75	0	20.24	20.31	20.17						
5	QPSK	1	0	20.06	20.26	20.23						
5	16QAM	1	37	20.07	20.38	20.19	21.9	0				
5	16QAM	1	74	20.15	20.37	20.06						
5	16QAM	36	0	20.09	20.33	20.20						
5	16QAM	36	39	20.20	20.35	20.19						
5	16QAM	75	0	20.06	20.27	20.28	21.9	0				
5	16QAM	75	0	20.12	20.32	20.10						
5	16QAM	36	39	20.20	20.35	20.19						
5	64QAM	1	37	19.97	20.16	20.14						
5	64QAM	1	74	20.09	20.26	20.15	21.9	0				
5	64QAM	36	0	19.26	19.48	19.26						
5	64QAM	36	20	19.20	19.59	19.24						
5	64QAM	36	39	19.28	19.38	19.38						
5	64QAM	75	0	19.32	19.38	19.28	21	0.9				
5	256QAM	1	0	17.16	17.54	17.27						
5	256QAM	1	37	17.18	17.37	17.34						
5	256QAM	1	74	17.18	17.51	17.25						
5	256QAM	36	0	17.27	17.50	17.22	19	2.9				
5	256QAM	36	20	17.39	17.46	17.32						
5	256QAM	36	39	17.27	17.50	17.17						
5	256QAM	75	0	17.25	17.52	17.13						
Channel												
Frequency (MHz)												
5	QPSK	1	0	20.25	20.35	20.18	21.9	0				
5	QPSK	1	25	20.03	20.23	20.18						
5	QPSK	1	49	20.20	20.28	20.16						
5	QPSK	25	0	20.05	20.38	20.17						
5	QPSK	25	12	20.07	20.25	20.05	21.9	0				
5	QPSK	25	25	20.09	20.30	20.18						
5	QPSK	50	0	20.18	20.24	20.15						
5	16QAM	1	0	20.08	20.23	20.25						
5	16QAM	1	25	20.15	20.38	20.26	21.9	0				
5	16QAM	1	49	20.11	20.32	20.17						
5	16QAM	25	0	20.15	20.31	20.13						
5	16QAM	25	12	20.11	20.34	20.12						
5	16QAM	25	25	20.24	20.40	20.22	21.9	0				
5	16QAM	50	0	20.02	20.27	20.30						
5	64QAM	1	0	20.21	20.29	20.16						
5	64QAM	1	25	19.93	20.27	20.06						
5	64QAM	1	49	20.01	20.17	20.13	21.9	0				
5	64QAM	25	0	19.21	19.36	19.17						
5	64QAM	25	12	19.27	19.63	19.30						
5	64QAM	25	25	19.30	19.37	19.26						
5	64QAM	50	0	19.30	19.37	19.34	21	0.9				
5	256QAM	1	0	17.32	17.64	17.27						
5	256QAM	1	25	17.25	17.56	17.30						
5	256QAM	1	49	17.25	17.58	17.38						
5	256QAM	25	0	17.36	17.52	17.35						
5	256QAM	25	12	17.30	17.49	17.34						
5	256QAM	25	25	17.36	17.53	17.38	19	2.9				
5	256QAM	50	0	17.25	17.52	17.26						
Channel												
Frequency (MHz)												
5	QPSK	1	0	20.13	20.39	20.14	21.9	0				
5	QPSK	1	12	20.11	20.33	20.11						
5	QPSK	1	24	20.10	20.23	20.09						
5	QPSK	12	0	20.16	20.32	20.22						
5	QPSK	12	7	20.10	20.29	20.10	21.9	0				
5	QPSK	12	13	19.99	20.21	20.19						
5	QPSK	25	0	20.20	20.24	20.09						
5	16QAM	1	0	20.04	20.17	20.09						
5	16QAM	1	12	20.16	20.38	20.15	21.9	0				
5	16QAM	1	24	20.06	20.36	20.07						
5	16QAM	12	0	20.20	20.30	20.17						
5	16QAM	12	7	20.23	20.35	20.21						
5	16QAM	12	13	20.19	20.38	20.21	21.9	0				
5	16QAM	25	0	20.01	20.32	20.20						
5	64QAM	1	0	20.03	20.27	20.07						
5	64QAM	1	12	20.02	20.13	20.16						
5	64QAM	1	24	20.11	20.17	20.28	21	0.9				
5	64QAM	12	0	19.16	19.38	19.17						
5	64QAM	12	7	19.24	19.60	19.26						
5	64QAM	12	13	19.31	19.34	19.24						
5	256QAM	1	0	17.18	17.61	17.29	19	2.9				
5	256QAM	1	12	17.20	17.47	17.23						
5	256QAM	1	24	17.12	17.53	17.25						
5	256QAM	12	0	17.23	17.46	17.24						

Band 42 FCC Part27Q Ant 5 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.15	20.20	20.19	21.6	0
20	QPSK	1	49	20.05	20.14	20.15		
20	QPSK	1	99	20.11	20.03	20.07		
20	QPSK	50	0	20.04	20.19	20.01		
20	QPSK	50	24	20.05	20.14	20.12	21.6	0
20	QPSK	50	50	20.03	20.14	20.06		
20	QPSK	100	0	20.10	20.13	20.00		

Reduced Power Mode for DS17									
GSM850 Ant 0 DS17		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 1 Tx slot		32.62	33.05	32.96	33.50	23.92	24.05	23.96	24.50
GPRS 2 Tx slots		29.70	29.49	29.75	30.50	23.70	23.49	23.75	24.50
GPRS 3 Tx slots		27.89	27.69	27.64	28.50	23.63	23.43	23.38	24.24
GPRS 4 Tx slots		26.21	26.27	26.14	27.50	23.21	23.27	23.14	24.50

Band		WCDMA V Ant 0 DS17			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4387	4407	4458	
Frequency (MHz)		825.4	836.4	846.8	
3GPP Rel 99	RMC 12.2Kbps	22.87	22.93	22.77	24.00

Band 5 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				20450	20525	20600	24	0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.76	22.92	22.79		
10	QPSK	1	25	22.58	22.87	22.87	23	1
10	QPSK	1	49	22.70	22.81	22.74		
10	QPSK	25	0	21.82	22.03	21.90		
10	QPSK	25	12	21.96	21.77	21.94	23	1
10	QPSK	25	25	21.99	21.89	21.77		
10	QPSK	50	0	21.87	21.99	21.84		

Band 26 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	24	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	23.05	22.79		
15	QPSK	1	37	22.78	22.68	22.59	23	1
15	QPSK	1	74	22.73	22.89	22.72		
15	QPSK	36	0	21.79	21.86	21.75		
15	QPSK	36	20	21.76	21.79	21.70	23	1
15	QPSK	36	39	21.76	21.76	21.76		
15	QPSK	75	0	21.63	21.74	21.70		

GSM1900 Ant 1 DSI7		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1907.6		1850.2	1860	1907.6	
GPRS 1 Tx slot		23.51	23.93	23.79	30.50	19.91	19.93	19.79	21.50
GPRS 2 Tx slots		25.38	25.47	25.58	26.50	19.38	19.47	19.58	20.50
GPRS 3 Tx slots		23.76	23.48	23.67	25.00	19.50	19.22	19.41	20.74
GPRS 4 Tx slots		22.10	22.22	22.18	23.50	19.10	19.22	19.18	20.50

Band		WCDMA II Ant 1 DSI7			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Rx Channel		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Ral 99	RMC 12.2Kbps	20.71	20.76	20.59	21.60

Band 2 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				18700	18900	19100	21.5	0
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.14	20.21	20.11		
20	QPSK	1	49	20.08	20.18	20.15	21.5	0
20	QPSK	1	99	20.18	20.17	20.19		
20	QPSK	50	0	20.10	20.18	20.10		
20	QPSK	50	24	20.15	20.12	20.15	21.5	0
20	QPSK	50	50	20.12	20.08	20.09		
20	QPSK	100	0	20.09	20.20	20.17		

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	21.8	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.92	21.04	20.99		
20	QPSK	1	49	20.96	21.00	20.88	21.8	0
20	QPSK	1	99	20.83	20.94	20.97		
20	QPSK	50	0	20.94	20.99	20.98		
20	QPSK	50	24	20.90	20.93	20.96	21.8	0
20	QPSK	50	50	20.95	20.94	20.87		
20	QPSK	100	0	20.98	21.00	20.88		

Band 38 Ant 1 DSI7														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Time-up limit (dbm)	MPR (db)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	22.50	23.12	23.01	24	0						
20	QPSK	1	49	22.50	23.12	22.83								
20	QPSK	1	99	22.79	22.74	22.80								
20	QPSK	50	0	21.94	22.05	21.75	23	1						
20	QPSK	50	24	21.91	21.83	21.75								
20	QPSK	50	50	21.75	21.71	21.58								
20	QPSK	100	0	21.92	21.97	21.95	23	1						
20	16QAM	1	0	21.90	21.62	21.58								
20	16QAM	1	49	21.75	21.68	21.56								
20	16QAM	1	99	21.93	21.83	21.67	22	2						
20	16QAM	50	0	20.67	20.78	20.82								
20	16QAM	50	24	19.78	20.48	20.80								
20	16QAM	50	50	20.80	20.53	20.68	21	3						
20	16QAM	100	0	20.56	20.78	20.43								
20	16QAM	1	0	20.61	20.64	20.59								
20	64QAM	1	49	20.96	20.87	20.84	22	2						
20	64QAM	1	99	20.69	20.72	20.84								
20	64QAM	50	0	19.73	19.81	19.88								
20	64QAM	50	24	19.76	19.87	19.72	21	3						
20	64QAM	50	50	19.74	19.52	19.77								
20	64QAM	100	0	19.73	19.72	19.66								
20	256QAM	1	0	17.82	17.71	17.69	19	5						
20	256QAM	1	49	17.73	17.87	17.82								
20	256QAM	1	99	17.56	17.59	17.62								
20	256QAM	50	0	17.83	17.81	17.66	19	5						
20	256QAM	50	24	17.55	17.85	17.87								
20	256QAM	50	50	17.59	17.70	17.51								
20	256QAM	100	0	17.67	17.63	17.57								
Channel														
Frequency (MHz)														
35	QPSK	1	0	22.75	22.97	22.92	24	0						
35	QPSK	1	37	22.73	22.78	22.73								
35	QPSK	1	74	22.61	22.71	22.77								
35	QPSK	36	0	21.77	22.00	21.50	23	1						
35	QPSK	36	39	21.66	21.60	21.91								
35	QPSK	36	75	0	21.91	21.99	21.89							
35	QPSK	1	0	21.79	21.85	21.75	23	1						
35	16QAM	37	21.73	21.82	21.86									
35	16QAM	1	74	21.84	21.89	21.71								
35	16QAM	36	0	20.65	20.64	20.75	22	2						
35	16QAM	36	39	20.76	20.69	20.69								
35	16QAM	36	75	0	20.80	20.50	20.54							
35	16QAM	75	0	20.43	20.69	20.52	22	2						
35	16QAM	1	0	20.47	20.53	20.85								
35	16QAM	1	37	20.39	20.67	20.63								
35	64QAM	1	74	20.61	20.58	20.74	22	2						
35	64QAM	36	0	19.66	19.66	19.73								
35	64QAM	36	20	19.79	19.57	19.58								
35	64QAM	36	39	19.64	19.57	19.72	21	3						
35	64QAM	75	0	19.68	19.74	19.59								
35	64QAM	1	74	19.61	19.67	19.58								
35	256QAM	1	37	17.81	17.85	17.68	19	5						
35	256QAM	1	74	17.55	17.58	17.64								
35	256QAM	36	39	17.60	17.60	17.60								
35	256QAM	36	75	0	17.57	17.68	17.61	19	5					
35	256QAM	75	0	17.51	17.51	17.51								
Channel														
Frequency (MHz)														
15	QPSK	1	0	22.85	23.01	22.93	24					0		
15	QPSK	1	25	22.82	22.81	22.69								
15	QPSK	1	49	22.70	22.74	22.76								
15	QPSK	25	0	21.83	22.07	21.86	23	1						
15	QPSK	25	12	21.87	21.89	21.76								
15	QPSK	25	25	21.79	21.59	22.08								
15	QPSK	50	0	21.81	21.98	21.91	23	1						
15	16QAM	1	0	21.81	21.70	22.01								
15	16QAM	1	25	21.81	21.90	21.85								
15	16QAM	1	49	21.93	21.93	21.62	22	2						
15	16QAM	25	0	20.68	20.65	20.77								
15	16QAM	25	12	20.62	20.50	20.74								
15	16QAM	25	25	20.67	20.52	20.74	22	2						
15	16QAM	50	0	20.45	20.71	20.44								
15	64QAM	1	0	20.52	20.62	20.51								
15	64QAM	1	25	20.53	20.57	20.71	22	2						
15	64QAM	1	49	20.56	20.58	20.86								
15	64QAM	25	0	19.74	19.70	19.76								
15	64QAM	25	12	19.87	19.88	19.89	21	3						
15	64QAM	25	25	19.59	19.52	19.73								
15	64QAM	50	0	19.67	19.63	19.49								
15	256QAM	1	12	17.62	17.76	17.54	19	5						
15	256QAM	1	25	17.68	17.72	17.63								
15	256QAM	1	49	17.50	17.57	17.64								
15	256QAM	25	0	17.72	17.76	17.57	19	5						
15	256QAM	25	12	17.63	17.80	17.80								
15	256QAM	25	25	17.56	17.76	17.47								
Channel														
Frequency (MHz)														
5	QPSK	1	0	22.74	22.96	22.90	24	0						
5	QPSK	1	12	22.83	22.72	22.78								
5	QPSK	1	24	22.82	22.79	22.71								
5	QPSK	12	0	21.78	21.87	21.87	23	1						
5	QPSK	12	7	21.72	21.80	21.65								
5	QPSK	12	13	21.77	21.70	22.07								
5	QPSK	25	0	21.78	21.97	21.91	23	1						
5	16QAM	1	0	21.76	21.58	22.00								
5	16QAM	1	12	21.72	21.92	21.89								
5	16QAM	1	24	21.79	21.81	21.66	23	1						
5	16QAM	12	0	20.57	20.71	20.74								
5	16QAM	12	7	20.86	20.34	20.73								
5	16QAM	12	13	20.67	20.48	20.72	22	2						
5	16QAM	25	0	20.54	20.75	20.53								
5	64QAM	1	0	20.62	20.60	20.59								
5	64QAM	1	12	20.51	20.63	20.71	22	2						
5	64QAM	1	24	20.59	20.54	20.76								
5	64QAM	12	0	19.65	19.67	19.70								
5	64QAM	12	7	19.77	19.63	19.67	21	3						
5	64QAM	12	13	19.65	19.46	19.71								
5	256QAM	1	0	17.66	17.74	17.57								
5	256QAM	1	12	17.63	17.61	17.59	19	5						
5	256QAM	1	24	17.62	17.61	17.59								
5	256QAM	12	7	17.77	17.76	17.54								
5	256QAM	12	7	17.88	17.72	17.67	19	5						
5	256QAM	12	13	17.68	17.69	17.67								
5	256QAM	25	0	17.66	17.62	17.59								

Band 41 Ant 1 DS17										
BW (MHz)	Modulation	RB Size	RB Offset	Power Middle Ch./Freq.	Power Middle Ch./Freq.	Power Middle Ch./Freq.	Power Middle Ch./Freq.	Power Middle Ch./Freq.	Time-up limit (dBm)	MPR (dB)
Channel										
	Frequency (MHz)			39750	40188	40600	41095	41490		
	1	9		23.01	23.13	23.23	23.39	23.07		
10	QPSK	1	49	22.81	22.93	22.81	22.86	22.86		0
20	QPSK	1	99	22.82	22.71	22.89	22.69	22.82		
30	QPSK	1	149	21.75	21.88	22.01	21.75	21.89		
40	QPSK	50	24	20.90	21.78	21.73	21.92	21.76		23
50	QPSK	50	50	21.49	21.71	21.78	21.78	21.91		
60	QPSK	1	99	21.75	21.74	21.62	21.63	21.80		
70	QPSK	1	149	21.63	21.70	21.69	21.69	21.57		
80	16QAM	1	49	21.61	21.87	21.58	21.89	21.78		23
90	16QAM	1	99	21.98	21.71	21.74	21.70	21.83		
100	16QAM	50	2	20.57	20.57	20.57	20.57	20.57		
110	16QAM	50	24	20.75	20.75	20.57	20.46	20.58		
120	16QAM	50	50	20.74	20.65	20.70	20.57	20.73		22
130	16QAM	100	0	20.56	20.67	20.65	20.45	20.66		
140	16QAM	1	9	20.48	20.61	20.70	20.40	20.59		
150	16QAM	1	49	20.50	20.52	20.84	20.39	20.71		22
160	16QAM	1	99	20.62	20.51	20.84	20.62	20.81		
170	16QAM	50	24	19.81	19.87	19.80	19.76	19.68		
180	16QAM	50	50	19.75	19.71	19.88	19.71	19.65		21
190	16QAM	50	50	19.77	19.41	19.64	19.48	19.82		
200	16QAM	100	0	19.78	19.49	19.52	19.62	19.87		
210	256QAM	1	9	17.67	17.78	17.63	17.60	17.52		
220	256QAM	1	49	17.64	17.61	17.82	17.67	17.90		19
230	256QAM	1	99	17.52	17.50	17.48	17.69	17.75		
240	256QAM	50	2	17.67	17.56	17.70	17.63	17.65		
250	256QAM	50	24	17.69	17.69	17.78	17.92	17.62		
260	256QAM	50	50	17.63	17.60	17.61	17.77	17.88		19
270	256QAM	100	0	17.69	17.71	17.66	17.71	17.50		
Channel										
	Frequency (MHz)			20615	20418	20993	20378	20515	Time-up limit (dBm)	MPR (dB)
10	QPSK	1	0	22.87	22.98	23.08	22.91	23.02		
20	QPSK	1	37	22.23	22.98	22.76	22.83	22.84		
30	QPSK	1	74	22.72	22.66	22.80	22.65	22.70		24
40	QPSK	36	0	21.70	21.85	21.62	21.70	21.82		
50	QPSK	36	29	21.84	21.78	21.65	21.68	21.75		
60	QPSK	36	39	21.64	21.65	21.73	21.72	21.80		23
70	QPSK	75	0	21.71	21.70	21.84	21.54	21.77		
80	QPSK	1	37	21.59	21.66	21.64	21.84	21.48		23
90	16QAM	1	37	21.58	21.63	21.50	21.83	21.72		
100	16QAM	1	74	21.52	21.66	21.65	21.62	21.75		
110	16QAM	36	0	20.56	20.54	20.70	20.39	20.35		
120	16QAM	36	20	20.68	20.70	20.53	20.43	20.56		
130	16QAM	36	39	20.49	20.55	20.72	20.49	20.41		22
140	16QAM	75	0	20.65	20.58	20.81	20.64	20.72		
150	16QAM	1	0	20.45	20.57	20.88	20.34	20.48		
160	16QAM	1	37	20.42	20.44	20.75	20.49	20.69		22
170	16QAM	1	74	20.57	20.45	20.81	20.57	20.76		
180	16QAM	36	0	19.57	19.77	19.52	19.72	19.64		
190	16QAM	36	20	19.65	19.65	19.58	19.65	19.65		
200	16QAM	36	39	19.72	19.38	19.58	19.46	19.74		21
210	16QAM	75	0	19.68	19.43	19.42	19.53	19.48		
220	256QAM	1	0	17.50	17.61	17.59	17.61	17.43		
230	256QAM	1	37	17.62	17.58	17.74	17.75	17.59		19
240	256QAM	1	74	17.68	17.64	17.46	17.63	17.46		
250	256QAM	36	0	17.65	18.03	17.67	17.76	17.60		
260	256QAM	36	20	17.68	17.63	17.75	17.75	17.58		
270	256QAM	36	39	17.51	17.51	17.62	17.70	17.55		19
Channel										
	Frequency (MHz)			39750	40188	40600	41095	41490	Time-up limit (dBm)	MPR (dB)
	1	0		22.01	22.47	22.93	22.63	22.65		
10	QPSK	1	0	22.87	23.01	23.05	22.89	22.99		
20	QPSK	1	25	22.96	22.90	22.75	22.79	22.82		24
30	QPSK	1	37	22.72	22.62	22.84	22.62	22.76		
40	QPSK	25	0	21.70	21.82	21.99	21.68	21.80		
50	QPSK	25	12	21.82	21.73	21.69	21.87	21.70		23
60	QPSK	25	25	21.62	21.68	21.68	21.68	21.80		
70	QPSK	50	0	21.67	21.60	21.88	21.57	21.79		
80	16QAM	1	0	21.55	21.67	21.84	21.57	21.78		
90	16QAM	1	25	21.58	21.79	21.50	21.82	21.42		23
100	16QAM	1	37	21.94	21.69	21.71	21.67	21.75		
110	16QAM	25	0	20.57	20.48	20.85	20.58	20.52		
120	16QAM	25	12	20.67	20.73	20.55	20.43	20.35		22
130	16QAM	25	25	20.68	20.57	20.71	20.65	20.56		
140	16QAM	50	0	20.49	20.64	20.60	20.65	20.59		
150	16QAM	1	0	20.38	20.53	20.71	20.36	20.49		
160	16QAM	1	25	20.47	20.43	20.82	20.54	20.66		22
170	16QAM	25	0	20.57	20.57	20.80	20.59	20.73		
180	16QAM	25	12	19.65	19.62	19.52	19.71	19.64		
190	16QAM	25	25	19.68	19.63	19.79	19.69	19.51		21
200	16QAM	50	0	19.69	19.63	19.58	19.63	19.54		
210	16QAM	50	0	19.68	19.64	19.44	19.45	19.51		
220	256QAM	1	0	17.51	17.67	17.60	17.57	17.47		
230	256QAM	1	25	17.57	17.56	17.79	17.69	17.86		19
240	256QAM	1	37	17.62	17.40	17.43	17.43	17.50		
250	256QAM	25	0	17.62	18.00	17.68	17.76	17.57		
260	256QAM	25	12	17.64	17.59	17.76	17.83	17.56		19
270	256QAM	25	25	17.54	17.50	17.66	17.64	17.48		
Channel										
	Frequency (MHz)			39675	40148	40600	41093	41565	Time-up limit (dBm)	MPR (dB)
	1	0		22.00	22.45	22.93	22.63	22.64		
5	QPSK	1	0	22.99	23.01	23.07	22.97	23.04		
10	QPSK	1	12	22.55	22.84	22.78	22.83	22.83		24
20	QPSK	1	24	22.75	22.67	22.84	22.64	22.78		
30	QPSK	12	0	21.60	21.81	21.84	21.71	21.85		
40	QPSK	12	7	21.83	21.73	21.70	21.82	21.67		23
50	QPSK	12	13	21.41	21.65	21.73	21.75	21.84		
60	QPSK	1	0	21.77	21.67	21.83	21.54	21.77		
70	QPSK	1	0	21.53	21.62	21.67	21.56	21.51		
80	16QAM	1	12	21.52	21.82	21.49	21.84	21.73		23
90	16QAM	1	24	21.59	21.61	21.67	21.63	21.79		
100	16QAM	12	0	20.50	20.50	20.84	20.58	20.51		
110	16QAM	12	7	20.73	20.67	20.50	20.39	20.49		22
120	16QAM	12	13	20.66	20.57	20.69	20.53	20.64		
130	16QAM	25	0	20.48	20.59	20.58	20.66	20.55		
140	16QAM	1	0	20.41	20.58	20.70	20.33	20.47		
150	16QAM	1	12	20.48	20.46	20.78	20.53	20.67		20
160	16QAM	1	24	20.57	20.47	20.76	20.58	20.75		
170	16QAM	12	0	19.54	19.82	19.53	19.70	19.64		
180	16QAM	12	7	19.66	19.62	19.85	19.62	19.61		21
190	16QAM	12	13	19.68	19.35	19.56	19.39	19.74		
200	256QAM	25	0	17.74	17.43	17.45	19.52	17.54		
210	256QAM	1	0	17.54	17.73	17.56	17.52	17.42		
220	256QAM	1	12	17.60	17.56	17.75	17.73	17.86		19
230	256QAM	1	24	17.48	17.44	17.41	17.46	17.51		
240	256QAM	12	0	17.61	17.98	17.63	17.82	17.86		
250	256QAM	12	7	17.60	17.64	17.70	17.88	17.74		
260	256QAM	12	13	17.60	17.52	17.58	17.71	17.50		19

Band 2 Ant 4											
RF (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Mid Ch / Freq.	Power High Ch / Freq.	Turn-on time (dB)	MPR (dB)			
Channel											
Frequency (MHz)											
20	QPSK	1	0	16.52	16.51	16.44	17.8	0			
20	QPSK	1	49	16.42	16.53	16.50					
20	QPSK	1	99	16.55	16.66	16.55					
20	QPSK	50	0	16.46	16.53	16.53					
20	QPSK	50	24	16.44	16.43	16.53	17.8	0			
20	QPSK	50	50	16.55	16.51	16.55					
20	QPSK	100	0	16.49	16.52	16.45					
20	16QAM	1	0	16.47	16.52	16.50					
20	16QAM	1	49	16.43	16.54	16.41	17.8	0			
20	16QAM	1	99	16.49	16.41	16.51					
20	16QAM	50	0	16.52	16.50	16.52					
20	16QAM	50	24	16.47	16.59	16.46					
20	16QAM	50	50	16.58	16.50	16.50	17.8	0			
20	16QAM	100	0	16.44	16.49	16.55					
20	64QAM	1	0	16.53	16.52	16.53					
20	64QAM	1	49	16.49	16.56	16.54	17.8	0			
20	64QAM	1	99	16.46	16.54	16.49					
20	64QAM	50	0	16.43	16.54	16.47					
20	64QAM	50	24	16.47	16.55	16.43					
20	64QAM	50	50	16.51	16.48	16.48	17.8	0			
20	64QAM	100	0	16.45	16.59	16.44					
20	256QAM	1	0	16.54	16.53	16.41					
20	256QAM	1	49	16.51	16.52	16.48					
20	256QAM	1	99	16.45	16.49	16.44	17.8	0			
20	256QAM	50	0	16.49	16.53	16.54					
20	256QAM	50	24	16.55	16.51	16.53					
20	256QAM	50	50	16.39	16.59	16.48					
20	256QAM	100	0	16.47	16.50	16.41	17.8	0			
Channel											
Frequency (MHz)											
15	QPSK	1	0	16.47	16.58	16.47	17.8	0			
15	QPSK	1	37	16.37	16.54	16.45					
15	QPSK	1	74	16.53	16.57	16.46					
15	QPSK	36	0	16.38	16.52	16.50					
15	QPSK	36	39	16.38	16.42	16.49	17.8	0			
15	QPSK	36	39	16.48	16.47	16.51					
15	16QAM	75	0	16.48	16.54	16.50					
15	16QAM	75	0	16.43	16.49	16.42					
15	16QAM	1	37	16.41	16.52	16.42	17.8	0			
15	16QAM	1	74	16.54	16.53	16.41					
15	16QAM	36	0	16.49	16.45	16.48					
15	16QAM	36	20	16.46	16.53	16.42					
15	16QAM	36	20	16.48	16.54	16.44	17.8	0			
15	16QAM	75	0	16.44	16.46	16.55					
15	64QAM	1	0	16.51	16.47	16.50					
15	64QAM	1	37	16.47	16.51	16.52					
15	64QAM	1	74	16.46	16.51	16.42	17.8	0			
15	64QAM	36	0	16.37	16.53	16.44					
15	64QAM	36	20	16.48	16.52	16.44					
15	64QAM	36	39	16.41	16.45	16.54					
15	64QAM	75	0	16.43	16.56	16.43	17.8	0			
15	256QAM	1	0	16.58	16.56	16.44					
15	256QAM	1	37	16.48	16.50	16.45					
15	256QAM	1	74	16.40	16.43	16.41					
15	256QAM	36	0	16.43	16.52	16.46	17.8	0			
15	256QAM	36	20	16.52	16.50	16.52					
15	256QAM	36	39	16.39	16.55	16.42					
15	256QAM	75	0	16.42	16.53	16.39					
Channel											
Frequency (MHz)											
10	QPSK	1	0	16.55	16.50	16.55	17.8	0			
10	QPSK	1	25	16.39	16.50	16.47					
10	QPSK	1	49	16.52	16.57	16.48					
10	QPSK	49	25	16.46	16.52	16.48					
10	QPSK	25	12	16.38	16.40	16.48	17.8	0			
10	QPSK	25	25	16.48	16.48	16.50					
10	QPSK	49	0	16.47	16.52	16.37					
10	16QAM	1	0	16.40	16.48	16.41					
10	16QAM	1	25	16.40	16.49	16.41	17.8	0			
10	16QAM	1	49	16.50	16.43	16.52					
10	16QAM	25	0	16.48	16.48	16.51					
10	16QAM	25	12	16.44	16.53	16.39					
10	16QAM	50	0	16.52	16.46	16.50	17.8	0			
10	16QAM	50	12	16.53	16.47	16.50					
10	16QAM	50	25	16.45	16.50	16.50					
10	16QAM	1	0	16.52	16.47	16.49					
10	64QAM	1	0	16.43	16.53	16.48	17.8	0			
10	64QAM	1	49	16.47	16.51	16.43					
10	64QAM	25	0	16.37	16.53	16.44					
10	64QAM	25	12	16.44	16.52	16.44					
10	64QAM	25	25	16.47	16.46	16.42	17.8	0			
10	64QAM	50	0	16.44	16.54	16.42					
10	256QAM	1	0	16.49	16.50	16.55					
10	256QAM	1	25	16.49	16.48	16.48					
10	256QAM	1	49	16.43	16.46	16.44	17.8	0			
10	256QAM	25	0	16.47	16.55	16.48					
10	256QAM	25	12	16.53	16.48	16.45					
10	256QAM	25	25	16.38	16.55	16.42					
10	256QAM	50	0	16.50	16.43	16.37	17.8	0			
Channel											
Frequency (MHz)											
5	QPSK	1	0	16.54	16.52	16.48	17.8	0			
5	QPSK	1	12	16.38	16.53	16.42					
5	QPSK	1	24	16.52	16.53	16.48					
5	QPSK	12	0	16.41	16.47	16.50					
5	QPSK	12	7	16.40	16.43	16.48	17.8	0			
5	QPSK	12	13	16.48	16.47	16.52					
5	QPSK	25	0	16.45	16.48	16.45					
5	16QAM	1	0	16.45	16.47	16.44					
5	16QAM	1	12	16.41	16.49	16.37	17.8	0			
5	16QAM	1	24	16.48	16.41	16.48					
5	16QAM	12	0	16.44	16.45	16.50					
5	16QAM	12	7	16.45	16.52	16.39					
5	16QAM	25	0	16.43	16.47	16.52	17.8	0			
5	16QAM	25	0	16.45	16.51	16.49					
5	16QAM	25	0	16.43	16.47	16.52					
5	16QAM	25	12	16.44	16.52	16.44					
5	64QAM	1	0	16.43	16.53	16.48	17.8	0			
5	64QAM	1	49	16.47	16.51	16.43					
5	64QAM	12	0	16.36	16.52	16.46					
5	64QAM	12	0	16.44	16.52	16.43					
5	64QAM	12	13	16.43	16.43	16.44	17.8	0			
5	64QAM	25	0	16.45	16.56	16.39					
5	64QAM	15	0	16.50	16.48	16.50					
5	256QAM	1	0	16.51	16.47	16.48					
5	256QAM	1	24	16.42	16.46	16.44	17.8	0			
5	256QAM	12	0	16.46	16.53	16.51					
5	256QAM	12	7	16.45	16.49	16.48					
5	256QAM	25	0	16.37	16.55	16.41					
5	256QAM	12	13	16.41	16.49	16.48	17.8	0			
Channel											
Frequency (MHz)											
3	QPSK	1	0	16.47	16.55	16.46	17.8	0			
3	QPSK	1	8	16.39	16.51	16.46					
3	QPSK	1	14	16.48	16.54	16.45					
3	QPSK	8	0	16.41	16.52	16.50					
3	QPSK	8	4	16.41	16.49	16.46	17.8	0			
3	QPSK	8	7	16.49	16.47	16.51					
3	QPSK	15	0	16.44	16.53	16.35					
3	16QAM	1	0	16.43	16.47	16.41					
3	16QAM	1	8	16.43	16.47	16.40	17.8	0			
3	16QAM	1	14	16.49	16.36	16.48					
3	16QAM	8	4	16.45	16.51	16.41					
3	16QAM	8	7	16.52	16.46	16.51					
3	16QAM	15	0	16.43	16.48	16.54	17.8	0			
3	16QAM	15	0	16.53	16.43	16.39					
3	64QAM	1	8	16.46	16.52	16.47					
3	64QAM	1	14	16.47	16.49	16.45					
3	64QAM	8	4	16.45	16.49	16.45	17.8	0			
3	64QAM	8	7	16.49	16.47	16.49					
3	64QAM	15	0	16.44	16.57	16.43					
3	256QAM	1	0	16.50	16.46	16.38					
3	256QAM	1	8	16.42	16.46	16.44	17.8	0			
3	256QAM	8	0	16.46	16.53	16.43					
3	256QAM	8	7	16.49	16.45	16.49					
3	256QAM	15	0	16.43	16.50	16.53					
3	256QAM	8	7	16.41	16.50	16.41	17.8	0			
3	256QAM	15	0	16.41	16.41	16.37					
Channel											
Frequency (MHz)											
1.5	QPSK	1	0	16.42	16.47	16.46	17.8	0			
1.5	QPSK	1	8	16.38	16.51	16.42					
1.5	QPSK	1	14	16.47	16.54	16.45					
1.5	QPSK	3	0	16.37	16.38	16.40					
1.5	QPSK	3	3	16.38	16.41	16.43	17.8	0			
1.5	QPSK	3	3	16.41	16.41	16.36					
1.5	QPSK	3	3	16.41	16.41	16.36					
1.5	QPSK	6	0	16.44	16.47	16.38					
1.5	16QAM	1	0	16.47	16.46	16.40	17.8	0			
1.5	16QAM	1	3	16.41	16.47	16.37					
1.5	16QAM	1	5	16.36	16.50	16.33					
1.5	16QAM	3	1	16.39	16.49	16.48					
1.5	16QAM	3	3	16.38	16.45	16.46	17.8	0			
1.5	16QAM	3	3	16.39	16.42	16.43					
1.5	16QAM	3	3	16.39	16.42	16.43					
1.5	16QAM	3	3	16.40	16.43	16.43					
1.5	16QAM	3	3	16.39	16.42	16.43	17.8	0			
1.5	16QAM	3	3	16.39	16.42	16.43					
1.5	16QAM	3	3	16.39	16.42	16.43					
1.5	16QAM	3	3	16.39	16.42	16.43					
1.5	16QAM	6	0	16.38	16.42	16.37	17.8	0			
1.5	16QAM	6	0	16.38	16.42	16.37					
1.5	16QAM	6	0	16.38	16.42	16.37					
1.5	16QAM	6	0	16.38	16.42	16.37					
1.5	256QAM	1	5	16.44	16.49	16.37	17.8	0			
1.5	256QAM	1	5	16.44	16.49	16.37					
1.5	256QAM	1	5	16.44	16.49	16.37					
1.5	256QAM</										

Band 26 Ant 4 DSI7													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	APPR (dB)					
Channel													
Frequency (MHz)				821.5	831.5	841.5							
15	QPSK	1	0	20.02	20.11	20.02	21.2	0					
15	QPSK	1	31	19.93	20.04	20.04							
15	QPSK	1	74	20.01	20.00	19.96							
15	QPSK	36	0	19.98	20.05	19.91	21.2	0					
15	QPSK	36	20	19.96	20.05	19.98							
15	QPSK	36	39	19.95	20.04	20.02							
15	QPSK	75	0	19.89	20.01	19.93	21.2	0					
15	16QAM	1	0	19.94	19.97	19.95							
15	16QAM	1	31	19.95	20.01	19.98							
15	16QAM	1	74	19.99	20.02	19.95	21.2	0					
15	16QAM	36	0	19.99	19.99	19.95							
15	16QAM	36	20	19.88	19.95	20.00							
15	16QAM	36	39	19.86	20.07	20.04	21.2	0					
15	16QAM	75	0	20.04	20.03	19.97							
15	64QAM	1	0	19.95	20.02	19.90	21.2	0					
15	64QAM	1	31	19.98	20.03	20.00							
15	64QAM	1	74	19.93	19.97	19.97							
15	64QAM	36	0	19.89	19.84	19.94	21	0.2					
15	64QAM	36	20	19.71	19.48	19.92							
15	64QAM	36	39	19.72	19.64	19.81							
15	64QAM	75	0	19.98	19.89	19.81	19	2.2					
15	256QAM	1	0	17.63	17.42	17.33							
15	256QAM	1	31	17.77	17.62	17.70							
15	256QAM	1	74	17.48	17.48	17.77	19	2.2					
15	256QAM	36	0	17.55	17.63	17.30							
15	256QAM	36	20	17.69	17.40	17.33							
15	256QAM	36	39	17.51	17.63	17.74							
15	256QAM	75	0	17.74	17.72	17.38							
Channel													
Frequency (MHz)				819	831.5	844	Turn-up limit (dBm)	APPR (dB)					
15	QPSK	1	0	20.00	20.04	20.00	21.2	0					
15	QPSK	1	28	19.93	20.05	19.98							
15	QPSK	1	49	19.98	19.96	19.87							
15	QPSK	25	0	19.96	20.05	19.87	21.2	0					
15	QPSK	25	12	19.92	20.04	19.94							
15	QPSK	25	25	19.92	20.03	19.98							
15	QPSK	50	0	19.89	19.98	19.93	21.2	0					
15	16QAM	1	0	19.88	19.93	19.95							
15	16QAM	1	25	19.93	19.99	19.96							
15	16QAM	1	49	19.98	20.01	19.94	21.2	0					
15	16QAM	25	0	19.98	19.97	19.91							
15	16QAM	25	12	19.89	19.89	19.94							
15	16QAM	25	25	19.95	19.97	19.97	21.2	0					
15	16QAM	50	0	20.01	20.05	19.90							
15	64QAM	1	0	19.90	19.99	19.87							
15	64QAM	1	25	19.95	19.99	19.98	21	0.2					
15	64QAM	1	49	19.91	19.97	19.92							
15	64QAM	25	0	19.89	19.61	19.94							
15	64QAM	25	12	19.85	19.46	19.90	19	2.2					
15	64QAM	25	25	19.94	19.23	19.95							
15	64QAM	50	0	19.95	19.88	19.93							
15	256QAM	1	0	17.61	17.41	17.33	19	2.2					
15	256QAM	1	25	17.70	17.60	17.63							
15	256QAM	1	49	17.45	17.45	17.74							
15	256QAM	25	0	17.63	17.61	17.61	19	2.2					
15	256QAM	25	12	17.62	17.33	17.33							
15	256QAM	25	25	17.49	17.59	17.69							
15	256QAM	50	0	17.71	17.71	17.37							
Channel													
Frequency (MHz)				817.5	831.5	846.5	Turn-up limit (dBm)	APPR (dB)					
5	QPSK	1	0	19.97	20.06	20.02	21.2	0					
5	QPSK	1	12	19.91	20.05	20.02							
5	QPSK	1	24	19.99	19.96	19.87							
5	QPSK	12	0	19.97	20.01	19.98	21.2	0					
5	QPSK	12	7	19.96	19.95	19.89							
5	QPSK	12	13	19.95	20.02	20.00							
5	QPSK	36	0	19.90	19.95	19.90	21.2	0					
5	16QAM	1	0	19.93	19.95	19.90							
5	16QAM	1	12	19.93	20.01	19.97							
5	16QAM	1	24	19.94	20.00	19.91	21.2	0					
5	16QAM	12	0	19.96	19.97	19.91							
5	16QAM	12	7	19.89	19.91	19.92							
5	16QAM	12	13	19.98	20.00	20.00	21	0.2					
5	16QAM	25	0	20.02	19.99	19.93							
5	64QAM	1	0	19.89	20.02	19.88							
5	64QAM	1	12	19.96	20.03	20.02	21	0.2					
5	64QAM	1	24	19.90	19.93	19.91							
5	64QAM	12	0	19.93	19.99	19.92							
5	64QAM	12	7	19.70	19.44	19.20	19	2.2					
5	64QAM	12	13	19.64	19.58	19.81							
5	64QAM	25	0	19.90	19.88	19.95							
5	256QAM	1	0	17.61	17.41	17.32	19	2.2					
5	256QAM	1	12	17.72	17.61	17.64							
5	256QAM	1	24	17.47	17.41	17.71							
5	256QAM	12	0	17.54	17.50	17.58	19	2.2					
5	256QAM	12	7	17.65	17.35	17.36							
5	256QAM	12	13	17.50	17.59	17.69							
5	256QAM	25	0	17.71	17.60	17.59							
Channel													
Frequency (MHz)				816.5	831.5	847.5	Turn-up limit (dBm)	APPR (dB)					
3	QPSK	1	0	19.95	20.05	19.99	21.2	0					
3	QPSK	1	8	19.89	20.07	20.02							
3	QPSK	1	14	20.00	19.95	19.85							
3	QPSK	8	0	19.99	20.04	19.94	21.2	0					
3	QPSK	8	4	19.95	20.04	19.89							
3	QPSK	8	7	19.92	19.99	19.98							
3	QPSK	15	0	19.86	19.95	19.93	21.2	0					
3	16QAM	1	0	19.89	19.94	19.92							
3	16QAM	1	8	19.90	19.98	19.98							
3	16QAM	1	14	20.00	20.00	19.96	21.2	0					
3	16QAM	8	0	20.00	19.97	19.94							
3	16QAM	8	4	19.89	19.92	19.92							
3	16QAM	8	7	19.95	20.07	19.98	21	0.2					
3	64QAM	15	0	19.90	19.87	19.97							
3	64QAM	8	7	19.63	19.50	19.47							
3	256QAM	1	0	17.57	17.27	17.59	19	2.2					
3	256QAM	1	8	17.70	17.60	17.61							
3	256QAM	1	14	17.47	17.43	17.73							
3	256QAM	8	0	17.54	17.60	17.61	19	2.2					
3	256QAM	8	4	17.63	17.33	17.32							

Band 38 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											
Frequency (MHz)				37650	38000	38150					
20	QPSK	1	0	16.10	16.29	16.10	17.5	0			
20	QPSK	1	49	16.11	16.05	16.04					
20	QPSK	1	99	16.04	16.06	15.89					
20	QPSK	50	0	15.86	16.05	15.85	17.5	0			
20	QPSK	50	24	15.74	15.86	15.88					
20	QPSK	50	50	15.84	15.95	15.84					
20	QPSK	100	0	15.80	15.96	15.92	17.5	0			
20	16QAM	1	0	15.75	15.95	15.71					
20	16QAM	1	49	15.65	15.95	15.77					
20	16QAM	1	99	15.86	16.00	15.77	17.5	0			
20	16QAM	50	0	15.62	15.88	15.76					
20	16QAM	50	24	15.97	16.07	15.92					
20	16QAM	50	50	15.94	16.09	15.90	17.5	0			
20	16QAM	100	0	15.79	16.03	15.84					
20	16QAM	100	1	15.84	16.13	15.76					
20	16QAM	1	49	15.76	15.83	15.86	17.5	0			
20	16QAM	1	99	15.91	15.90	15.84					
20	16QAM	50	0	15.74	15.97	15.78					
20	16QAM	50	24	15.88	16.04	15.87	17.5	0			
20	16QAM	50	50	15.87	16.00	15.84					
20	16QAM	100	0	15.74	15.82	15.85		17.5	0		
20	256QAM	1	0	15.85	16.02	15.82					
20	256QAM	1	49	16.16	16.15	15.98	17.5	0			
20	256QAM	1	99	16.16	16.07	15.95					
20	256QAM	50	0	15.84	16.07	15.86					
20	256QAM	50	24	16.05	16.20	15.85	17.5	0			
20	256QAM	50	50	15.98	16.02	15.92					
20	256QAM	100	0	15.71	16.03	15.72		17.5	0		
20	256QAM	100	1	15.82	16.15	15.75					
20	256QAM	1	49	15.75	15.82	15.79	17.5	0			
20	256QAM	1	99	15.91	15.87	15.78					
20	256QAM	50	0	15.82	15.87	15.78		17.5	0		
20	256QAM	50	24	16.05	16.20	15.85					
20	256QAM	50	50	15.98	16.02	15.92	17.5	0			
20	256QAM	100	0	15.71	16.03	15.72					
20	256QAM	100	1	15.82	16.15	15.75		17.5	0		
20	256QAM	1	49	15.75	15.82	15.79					
20	256QAM	1	99	15.91	15.87	15.78	17.5		0		
20	256QAM	50	0	15.82	15.87	15.78					
20	256QAM	50	24	16.05	16.20	15.85	17.5	0			
20	256QAM	50	50	15.98	16.02	15.92					
20	256QAM	100	0	15.71	16.03	15.72		17.5	0		
20	256QAM	100	1	15.82	16.15	15.75					
20	256QAM	1	49	15.75	15.82	15.79		17.5	0		
20	256QAM	1	99	15.91	15.87	15.78					
20	256QAM	50	0	15.82	15.87	15.78		17.5	0		
20	256QAM	50	24	16.05	16.20	15.85					
20	256QAM	50	50	15.98	16.02	15.92		17.5	0		
20	256QAM	100	0	15.71	16.03	15.72					
20	256QAM	100	1	15.82	16.15	15.75	17.5	0			
20	256QAM	1	49	15.75	15.82	15.79					
20	256QAM	1	99	15.91	15.87	15.78		17.5	0		
20	256QAM	50	0	15.82	15.87	15.78					
20	256QAM	50	24	16.05	16.20	15.85	17.5	0			
20	256QAM	50	50	15.98	16.02	15.92					
20	256QAM	100	0	15.71	16.03	15.72		17.5	0		
20	256QAM	100	1	15.82	16.15	15.75					
20	256QAM	1	49	15.75	15.82	15.79		17.5	0		
20	256QAM	1	99	15.91	15.87	15.78					
20	256QAM	50	0	15.82	15.87	15.78		17.5	0		
20	256QAM	50	24	16.05	16.20	15.85					
20	256QAM	50	50	15.98	16.02	15.92		17.5	0		
20	256QAM	100	0	15.71	16.03	15.72					
20	256QAM	100	1	15.82	16.15	15.75	17.5	0			
20	256QAM	1	49	15.75	15.82	15.79					
20	256QAM	1	99	15.91	15.87	15.78		17.5	0		
20	256QAM	50	0	15.82	15.87	15.78					

Band 42 FCC Part27Q Ant 5 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	15.80	15.87	15.81	16.7	0
20	QPSK	1	49	15.84	15.81	15.76		
20	QPSK	1	99	15.77	15.85	15.71		
20	QPSK	50	0	15.69	15.86	15.80	16.7	0
20	QPSK	50	24	15.80	15.85	15.73		
20	QPSK	50	50	15.84	15.73	15.73		
20	QPSK	100	0	15.72	15.84	15.81		

Full & Default&DSI4 Power_Other Path									
Band 5 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq	Power Middle Ch./ Freq	Power High Ch./ Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				20440	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	22.60	22.79	22.58	24	0	
10	QPSK	1	25	22.55	22.56	22.60			
10	QPSK	1	49	22.60	22.54	22.66			
10	QPSK	25	0	21.75	21.76	21.64	23	1	
10	QPSK	25	12	21.66	21.64	21.74			
10	QPSK	25	25	21.64	21.64	21.65			
10	QPSK	50	0	21.49	21.81	21.64	23	1	
10	16QAM	1	0	21.55	21.86	21.67			
10	16QAM	1	25	21.64	21.52	21.76			
10	16QAM	1	49	21.76	21.56	21.70	22	2	
10	16QAM	25	0	20.79	20.74	20.43			
10	16QAM	25	12	20.68	20.68	20.68			
10	16QAM	25	25	20.74	20.50	20.49	22	2	
10	16QAM	50	0	20.68	20.52	20.74			
10	64QAM	1	0	20.66	20.81	20.53			
10	64QAM	1	25	20.70	20.58	20.63	22	2	
10	64QAM	1	49	20.75	20.45	20.53			
10	64QAM	25	0	19.65	19.54	19.43			
10	64QAM	25	12	19.66	19.54	19.78	21	3	
10	64QAM	25	25	19.56	19.67	19.55			
10	64QAM	50	0	19.62	19.39	19.71			
10	256QAM	1	0	17.68	17.76	17.57	19	5	
10	256QAM	1	25	17.80	17.80	17.82			
10	256QAM	1	49	17.79	17.52	17.84			
10	256QAM	25	0	17.56	17.66	17.69	19	5	
10	256QAM	25	12	17.87	17.51	17.74			
10	256QAM	25	25	17.68	17.45	17.75			
10	256QAM	50	0	17.64	17.68	17.80			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	22.31	22.59	22.32	24	0	
5	QPSK	1	12	22.26	22.42	22.38			
5	QPSK	1	24	22.46	22.37	22.39			
5	QPSK	12	0	21.57	21.60	21.52	23	1	
5	QPSK	12	7	21.44	21.37	21.52			
5	QPSK	12	13	21.40	21.44	21.38			
5	QPSK	25	0	21.20	21.65	21.43	23	1	
5	16QAM	1	0	21.44	21.69	21.42			
5	16QAM	1	12	21.47	21.28	21.53			
5	16QAM	1	24	21.57	21.39	21.42	22	2	
5	16QAM	12	0	20.56	20.62	20.28			
5	16QAM	12	7	20.40	20.45	20.48			
5	16QAM	12	13	20.60	20.25	20.33	22	2	
5	16QAM	25	0	20.53	20.37	20.48			
5	64QAM	1	0	20.38	20.55	20.41			
5	64QAM	1	12	20.48	20.41	20.37	22	2	
5	64QAM	1	24	20.59	20.30	20.33			
5	64QAM	12	0	19.44	19.37	19.19			
5	64QAM	12	7	19.39	19.39	19.59	21	3	
5	64QAM	12	13	19.34	19.48	19.34			
5	64QAM	25	0	19.35	19.20	19.56			
5	256QAM	1	0	17.43	17.55	17.35	19	5	
5	256QAM	1	12	17.56	17.60	17.60			
5	256QAM	1	24	17.66	17.35	17.66			
5	256QAM	12	0	17.28	17.43	17.48	19	5	
5	256QAM	12	7	17.61	17.34	17.57			
5	256QAM	12	13	17.46	17.32	17.57			
5	256QAM	25	0	17.47	17.42	17.57			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	22.43	22.58	22.36	24	0	
3	QPSK	1	8	22.37	22.38	22.32			
3	QPSK	1	14	22.33	22.29	22.50			
3	QPSK	8	0	21.50	21.47	21.45	23	1	
3	QPSK	8	4	21.49	21.41	21.46			
3	QPSK	8	7	21.49	21.49	21.42			
3	QPSK	15	0	21.33	21.66	21.35	23	1	
3	16QAM	1	0	21.41	21.68	21.41			
3	16QAM	1	8	21.36	21.24	21.48			
3	16QAM	1	14	21.60	21.39	21.59	22	2	
3	16QAM	8	0	20.64	20.55	20.24			
3	16QAM	8	4	20.52	20.52	20.48			
3	16QAM	8	7	20.49	20.25	20.37	22	2	
3	16QAM	15	0	20.45	20.27	20.63			
3	64QAM	1	0	20.50	20.61	20.29			
3	64QAM	1	8	20.54	20.41	20.42	22	2	
3	64QAM	1	14	20.57	20.28	20.37			
3	64QAM	8	0	19.38	19.40	19.32			
3	64QAM	8	4	19.50	19.41	19.53	21	3	
3	64QAM	8	7	19.45	19.54	19.33			
3	64QAM	15	0	19.51	19.19	19.43			
3	256QAM	1	0	17.52	17.49	17.31	19	5	
3	256QAM	1	8	17.53	17.53	17.70			
3	256QAM	1	14	17.65	17.38	17.65			
3	256QAM	8	0	17.27	17.48	17.53	19	5	
3	256QAM	8	4	17.58	17.25	17.60			
3	256QAM	8	7	17.49	17.32	17.61			
3	256QAM	15	0	17.46	17.42	17.68			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	22.37	22.53	22.45	24	0	
1.4	QPSK	1	3	22.35	22.31	22.45			
1.4	QPSK	1	5	22.42	22.32	22.52			
1.4	QPSK	3	0	22.26	22.32	22.34	23	1	
1.4	QPSK	3	1	22.46	22.26	22.44			
1.4	QPSK	3	3	22.35	22.66	22.33			
1.4	QPSK	6	0	21.63	21.82	21.61	23	1	
1.4	16QAM	1	0	21.68	21.80	21.53			
1.4	16QAM	1	3	21.51	21.81	21.62			
1.4	16QAM	1	5	21.66	21.75	21.62	23	1	
1.4	16QAM	3	0	21.66	21.71	21.54			
1.4	16QAM	3	1	21.69	21.78	21.50			
1.4	16QAM	3	3	21.64	21.73	21.62	22	2	
1.4	16QAM	6	0	20.62	20.82	20.65			
1.4	64QAM	1	0	20.55	20.74	20.65			
1.4	64QAM	1	3	20.60	20.78	20.66	22	2	
1.4	64QAM	1	5	20.55	20.87	20.60			
1.4	64QAM	3	0	20.51	20.74	20.66			
1.4	64QAM	3	1	20.60	20.87	20.67	21	3	
1.4	64QAM	3	3	20.52	20.80	20.60			
1.4	64QAM	6	0	19.65	19.81	19.65			
1.4	256QAM	1	0	17.54	17.85	17.57	19	5	
1.4	256QAM	1	3	17.51	17.80	17.50			
1.4	256QAM	1	5	17.61	17.82	17.67			
1.4	256QAM	3	0	17.60	17.87	17.50	19	5	
1.4	256QAM	3	1	17.55	17.72	17.62			
1.4	256QAM	3	3	17.58	17.86	17.67			
1.4	256QAM	6	0	17.61	17.88	17.65	19	5	

Band 7 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.67	22.96	22.77	24	0	
20	QPSK	1	49	22.69	22.74	22.54			
20	QPSK	1	99	22.64	22.65	22.50			
20	QPSK	50	0	21.66	21.91	21.87	23	1	
20	QPSK	50	24	21.72	21.83	21.86			
20	QPSK	50	50	21.59	21.61	21.66			
20	QPSK	100	0	21.78	21.81	21.62	23	1	
20	16QAM	1	0	21.61	21.68	21.75			
20	16QAM	1	49	21.66	21.64	21.57			
20	16QAM	1	99	21.73	21.66	21.70	22	2	
20	16QAM	50	0	20.59	20.60	20.70			
20	16QAM	50	24	20.66	20.55	20.61			
20	16QAM	50	50	20.42	20.60	20.34	22	2	
20	16QAM	100	0	20.56	20.65	20.71			
20	64QAM	1	0	20.59	20.45	20.43			
20	64QAM	1	49	20.30	20.45	20.72	22	2	
20	64QAM	1	99	20.49	20.59	20.70			
20	64QAM	50	0	19.67	19.51	19.48			
20	64QAM	50	24	19.66	19.56	19.42	21	3	
20	64QAM	50	50	19.70	19.53	19.64			
20	64QAM	100	0	19.72	19.45	19.50			
20	256QAM	1	0	17.72	17.43	17.70	19	5	
20	256QAM	1	49	17.32	17.62	17.63			
20	256QAM	1	99	17.79	17.64	17.48			
20	256QAM	50	0	17.43	17.59	17.74	19	5	
20	256QAM	50	24	17.51	17.55	17.47			
20	256QAM	50	50	17.47	17.75	17.86			
20	256QAM	100	0	17.39	17.78	17.89			
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	22.58	22.89	22.68	24	0	
15	QPSK	1	37	22.65	22.65	22.52			
15	QPSK	1	74	22.55	22.56	22.51			
15	QPSK	36	0	21.50	21.83	21.78	23	1	
15	QPSK	36	20	21.67	21.78	21.88			
15	QPSK	36	39	21.52	21.57	21.63			
15	QPSK	75	0	21.72	21.73	21.64	23	1	
15	16QAM	1	0	21.52	21.68	21.72			
15	16QAM	1	37	21.67	21.64	21.54			
15	16QAM	1	74	21.72	21.70	21.68	22	2	
15	16QAM	36	0	20.53	20.49	20.70			
15	16QAM	36	20	20.63	20.46	20.58			
15	16QAM	36	39	20.36	20.48	20.36	22	2	
15	16QAM	75	0	20.50	20.53	20.63			
15	64QAM	1	0	20.49	20.37	20.40			
15	64QAM	1	37	20.40	20.44	20.66	22	2	
15	64QAM	1	74	20.46	20.60	20.71			
15	64QAM	36	0	19.56	19.45	19.41			
15	64QAM	36	20	19.66	19.57	19.39	21	3	
15	64QAM	36	39	19.69	19.47	19.59			
15	64QAM	75	0	19.66	19.45	19.37			
15	256QAM	1	0	17.59	17.33	17.76	19	5	
15	256QAM	1	37	17.26	17.54	17.61			
15	256QAM	1	74	17.75	17.63	17.44			
15	256QAM	36	0	17.36	17.53	17.62	19	5	
15	256QAM	36	20	17.44	17.46	17.44			
15	256QAM	36	39	17.49	17.66	17.86			
15	256QAM	75	0	17.37	17.67	17.75			
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	22.57	22.94	22.66	24	0	
10	QPSK	1	25	22.59	22.64	22.51			
10	QPSK	1	49	22.57	22.61	22.46			
10	QPSK	25	0	21.56	21.88	21.83	23	1	
10	QPSK	25	12	21.67	21.73	21.85			
10	QPSK	25	25	21.52	21.55	21.64			
10	QPSK	50	0	21.71	21.74	21.55	23	1	
10	16QAM	1	0	21.59	21.68	21.65			
10	16QAM	1	25	21.60	21.66	21.59			
10	16QAM	1	49	21.70	21.63	21.71	22	2	
10	16QAM	25	0	20.47	20.55	20.65			
10	16QAM	25	12	20.64	20.53	20.54			
10	16QAM	25	25	20.37	20.44	20.39	22	2	
10	16QAM	50	0	20.56	20.55	20.65			
10	64QAM	1	0	20.52	20.39	20.41			
10	64QAM	1	25	20.32	20.34	20.71	22	2	
10	64QAM	1	49	20.42	20.58	20.63			
10	64QAM	25	0	19.51	19.42	19.44			
10	64QAM	25	12	19.60	19.54	19.34	21	3	
10	64QAM	25	25	19.72	19.52	19.61			
10	64QAM	50	0	19.74	19.40	19.36			
10	256QAM	1	0	17.65	17.37	17.66	19	5	
10	256QAM	1	25	17.26	17.54	17.53			
10	256QAM	1	49	17.70	17.60	17.42			
10	256QAM	25	0	17.44	17.46	17.62	19	5	
10	256QAM	25	12	17.39	17.42	17.50			
10	256QAM	25	25	17.50	17.71	17.82			
10	256QAM	50	0	17.35	17.67	17.77			
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.61	22.98	22.70	24	0	
5	QPSK	1	12	22.66	22.66	22.49			
5	QPSK	1	24	22.56	22.61	22.50			
5	QPSK	12	0	21.54	21.84	21.79	23	1	
5	QPSK	12	7	21.69	21.80	21.85			
5	QPSK	12	13	21.56	21.51	21.65			
5	QPSK	25	0	21.68	21.70	21.58	23	1	
5	16QAM	1	0	21.55	21.65	21.63			
5	16QAM	1	12	21.65	21.59	21.57			
5	16QAM	1	24	21.72	21.69	21.64	22	2	
5	16QAM	12	0	20.52	20.59	20.65			
5	16QAM	12	7	20.56	20.50	20.54			
5	16QAM	12	13	20.33	20.54	20.35	22	2	
5	16QAM	25	0	20.56	20.51	20.69			
5	64QAM	1	0	20.51	20.36	20.40			
5	64QAM	1	12	20.38	20.38	20.65	22	2	
5	64QAM	1	24	20.43	20.58	20.71			
5	64QAM	12	0	19.58	19.44	19.36			
5	64QAM	12	7	19.65	19.54	19.39	21	3	
5	64QAM	12	13	19.65	19.53	19.56			
5	64QAM	25	0	19.70	19.42	19.43			
5	256QAM	1	0	17.59	17.37	17.73	19	5	
5	256QAM	1	12	17.30	17.53	17.58			
5	256QAM	1	24	17.72	17.66	17.40			
5	256QAM	12	0	17.42	17.46	17.70	19	5	
5	256QAM	12	7	17.49	17.49	17.43			
5	256QAM	12	13	17.53	17.68	17.83			
5	256QAM	25	0	17.52	17.66	17.85			

Band 38 Ant 1														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Time-up limit (dBm)	MPR (dB)						
Channel														
Frequency (MHz)				37650	38000	38150								
20	QPSK	1	0	2246	2271	2265	24	0						
20	QPSK	1	49	2244	2265	2247								
20	QPSK	1	99	2234	2247	2237								
20	QPSK	50	0	2148	2163	2174								
20	QPSK	50	24	2161	2164	2137	23	1						
20	QPSK	50	50	2147	2144	2175								
20	QPSK	100	0	2174	2168	2144								
20	16QAM	1	0	2146	2135	2161								
20	16QAM	1	49	2135	2159	2161	23	1						
20	16QAM	1	99	2164	2156	2134								
20	16QAM	50	0	2046	2043	2059								
20	16QAM	50	24	2027	2014	2044								
20	16QAM	50	50	2050	2025	2038	22	2						
20	16QAM	100	0	2038	2037	2025								
20	16QAM	1	0	2019	2018	2034								
20	16QAM	1	49	2029	2030	2043								
20	16QAM	1	99	2037	2033	2059	22	2						
20	16QAM	50	0	1937	1936	1948								
20	16QAM	50	24	1938	1944	1921								
20	16QAM	50	50	1936	1924	1958								
20	16QAM	100	0	1923	1941	1928	21	3						
20	256QAM	1	0	1743	1740	1733								
20	256QAM	1	49	1749	1742	1727								
20	256QAM	1	99	1724	1727	1737								
20	256QAM	50	0	1717	1721	1725	19	5						
20	256QAM	50	24	1758	1747	1738								
20	256QAM	50	50	1735	1734	1747								
20	256QAM	100	0	1744	1744	1743								
Channel														
Frequency (MHz)				37625	38000	38175					Time-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	2238	2264	2251	24	0						
15	QPSK	1	49	2232	2247	2243								
15	QPSK	1	99	2224	2234	2228								
15	QPSK	36	0	2134	2171	2164								
15	QPSK	36	20	2155	2150	2134	23	1						
15	QPSK	36	39	2139	2132	2164								
15	QPSK	75	0	2167	2182	2141								
15	16QAM	1	0	2139	2134	2158								
15	16QAM	1	37	2138	2144	2155	23	1						
15	16QAM	1	74	2138	2143	2145								
15	16QAM	36	0	2034	2037	2045								
15	16QAM	36	20	2048	2021	2035								
15	16QAM	36	39	2032	2010	2027	22	2						
15	16QAM	75	0	2025	2025	2058								
15	16QAM	1	0	2025	2025	2058								
15	16QAM	1	37	2018	2015	2038								
15	16QAM	1	74	2032	2031	2058	22	2						
15	16QAM	36	0	1933	1934	1946								
15	16QAM	36	20	1927	1935	1912								
15	16QAM	36	39	1922	1916	1955								
15	16QAM	75	0	1909	1923	1913	21	3						
15	256QAM	1	0	1727	1728	1731								
15	256QAM	1	37	1734	1734	1746								
15	256QAM	1	74	1706	1712	1726								
15	256QAM	36	0	1721	1731	1730	19	5						
15	256QAM	36	20	1754	1738	1736								
15	256QAM	36	39	1731	1730	1737								
15	256QAM	75	0	1764	1764	1764								
Channel														
Frequency (MHz)				37615	38000	38185					Time-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	2233	2268	2249	24	0						
15	QPSK	1	49	2232	2256	2233								
15	QPSK	1	99	2226	2240	2222								
15	QPSK	25	0	2146	2180	2173								
15	QPSK	25	12	2156	2156	2126	23	1						
15	QPSK	25	25	2136	2136	2158								
15	QPSK	50	0	2159	2184	2131								
15	16QAM	1	0	2128	2128	2148								
15	16QAM	1	24	2135	2149	2155	23	1						
15	16QAM	1	49	2148	2146	2118								
15	16QAM	25	0	2030	2041	2058								
15	16QAM	25	0	2041	2035	2037								
15	16QAM	25	25	2040	2018	2036	22	2						
15	16QAM	50	0	2021	2020	2023								
15	16QAM	1	0	2025	2026	2027								
15	16QAM	1	25	2019	2019	2034								
15	16QAM	1	49	2036	2020	2058	22	2						
15	16QAM	25	0	1922	1922	1935								
15	16QAM	25	12	1936	1935	1938								
15	16QAM	25	25	1936	1939	1943								
15	16QAM	50	0	1916	1939	1915	21	3						
15	256QAM	1	0	1740	1740	1723								
15	256QAM	1	25	1733	1740	1739								
15	256QAM	1	49	1705	1720	1709								
15	256QAM	25	0	1734	1744	1729	19	5						
15	256QAM	25	12	1747	1742	1734								
15	256QAM	25	25	1722	1728	1727								
15	256QAM	50	0	1733	1746	1747								
Channel														
Frequency (MHz)				22715	22905	26175	Time-up limit (dBm)	MPR (dB)						
5	QPSK	1	0	2238	2269	2250	24	0						
5	QPSK	1	12	2243	2251	2237								
5	QPSK	1	24	2227	2229	2233								
5	QPSK	12	0	2143	2176	2169								
5	QPSK	12	7	2148	2148	2131	23	1						
5	QPSK	12	13	2130	2130	2137								
5	QPSK	25	0	2161	2186	2139								
5	16QAM	1	0	2137	2125	2143								
5	16QAM	1	12	2116	2153	2159	23	1						
5	16QAM	1	24	2148	2140	2149								
5	16QAM	12	0	2033	2029	2049								
5	16QAM	12	7	2049	2010	2037								
5	16QAM	12	13	2042	2022	2024	22	2						
5	16QAM	25	0	2031	2034	2027								
5	16QAM	1	0	2009	2008	2020								
5	16QAM	1	12	2008	2019	2026								
5	16QAM	1	24	2018	2022	2026	22	2						
5	16QAM	12	0	1930	1927	1923								
5	16QAM	12	7	1922	1930	1917								
5	16QAM	12	13	1931	1910	1916								
5	16QAM	25	0	1917	1939	1913	21	3						
5	256QAM	1	0	1726	1734	1725								
5	256QAM	1	12	1737	1728	1738								
5	256QAM	1	24	1716	1709	1717								
5	256QAM	12	0	1734	1733	1727	19	5						
5	256QAM	12	7	1750	1742	1724								
5	256QAM	12	13	1732	1724	1738								
5	256QAM	25	0	1738	1738	1762								

Band 5 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.04	23.15	22.96	24	0	
10	QPSK	1	25	22.91	22.85	22.80			
10	QPSK	1	49	22.90	23.09	22.82			
10	QPSK	25	0	22.03	22.08	22.01	23	1	
10	QPSK	25	12	21.89	21.91	21.71			
10	QPSK	25	25	21.95	21.95	21.93			
10	QPSK	50	0	22.00	22.02	22.01	23	1	
10	16QAM	1	0	21.93	21.85	21.85			
10	16QAM	1	25	21.94	21.88	21.83			
10	16QAM	1	49	22.20	21.94	22.07	22	2	
10	16QAM	25	0	20.78	20.80	20.61			
10	16QAM	25	12	20.85	21.09	20.83			
10	16QAM	25	25	20.65	20.88	20.67	22	2	
10	16QAM	50	0	20.77	20.99	20.77			
10	64QAM	1	0	21.01	20.96	20.75			
10	64QAM	1	25	20.90	21.08	20.89	21	3	
10	64QAM	1	49	20.91	20.82	20.85			
10	64QAM	25	0	19.96	19.93	19.81			
10	64QAM	25	12	19.96	20.02	19.64	19	5	
10	64QAM	25	25	20.09	20.02	19.84			
10	64QAM	50	0	20.12	19.93	20.07			
10	256QAM	1	0	17.99	17.93	18.07	19	5	
10	256QAM	1	25	18.00	18.18	17.99			
10	256QAM	1	49	17.81	17.86	17.94			
10	256QAM	25	0	17.75	18.11	17.90	19	5	
10	256QAM	25	12	17.96	17.76	17.72			
10	256QAM	25	25	17.81	17.97	17.91			
10	256QAM	50	0	18.00	18.00	17.85			
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	22.93	23.06	22.90		24	
5	QPSK	1	12	22.86	22.79	22.75			
5	QPSK	1	24	22.83	23.02	22.79			
5	QPSK	12	0	21.97	22.04	21.99	23	1	
5	QPSK	12	7	21.86	21.82	21.62			
5	QPSK	12	13	21.89	21.95	21.90			
5	QPSK	25	0	21.93	21.98	21.95	23	1	
5	16QAM	1	0	21.86	21.79	21.78			
5	16QAM	1	12	21.89	21.84	21.79			
5	16QAM	1	24	22.15	21.87	21.99	22	2	
5	16QAM	12	0	20.70	20.73	20.59			
5	16QAM	12	7	20.77	21.00	20.77			
5	16QAM	12	13	20.59	20.81	20.80	22	2	
5	16QAM	25	0	20.72	20.90	20.67			
5	64QAM	1	0	20.97	20.94	20.66			
5	64QAM	1	12	20.83	21.01	20.83	21	3	
5	64QAM	1	24	20.88	20.78	20.81			
5	64QAM	12	0	19.94	19.86	19.76			
5	64QAM	12	7	19.92	19.95	19.58	19	5	
5	64QAM	12	13	20.00	19.94	19.75			
5	64QAM	25	0	20.11	19.93	20.01			
5	256QAM	1	0	17.96	17.84	17.99	19	5	
5	256QAM	1	12	17.94	18.10	17.95			
5	256QAM	1	24	17.77	17.83	17.87			
5	256QAM	12	0	17.70	18.04	17.87	19	5	
5	256QAM	12	7	17.90	17.67	17.67			
5	256QAM	12	13	17.76	17.94	17.91			
5	256QAM	25	0	17.94	17.95	17.81			
Channel				20415	20525	20635			
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	22.94	23.07	22.93		24	
3	QPSK	1	8	22.86	22.80	22.76			
3	QPSK	1	14	22.88	23.03	22.80			
3	QPSK	8	0	21.97	22.06	21.99	23	1	
3	QPSK	8	4	21.83	21.82	21.64			
3	QPSK	8	7	21.91	21.94	21.90			
3	QPSK	15	0	21.97	22.01	21.94	23	1	
3	16QAM	1	0	21.84	21.78	21.75			
3	16QAM	1	8	21.90	21.81	21.81			
3	16QAM	1	14	22.15	21.87	21.98	22	2	
3	16QAM	8	0	20.70	20.76	20.57			
3	16QAM	8	4	20.78	21.03	20.79			
3	16QAM	8	7	20.63	20.78	20.59	22	2	
3	16QAM	15	0	20.69	20.91	20.68			
3	64QAM	1	0	21.02	20.89	20.69			
3	64QAM	1	8	20.87	21.05	20.86	21	3	
3	64QAM	1	14	20.85	20.77	20.84			
3	64QAM	8	0	19.96	19.89	19.75			
3	64QAM	8	4	19.89	19.98	19.62	19	5	
3	64QAM	8	7	20.00	19.97	19.79			
3	64QAM	15	0	20.11	19.88	19.98			
3	256QAM	1	0	17.92	17.90	18.03	19	5	
3	256QAM	1	8	17.95	18.12	17.93			
3	256QAM	1	14	17.77	17.82	17.86			
3	256QAM	8	0	17.67	18.04	17.90	19	5	
3	256QAM	8	4	17.02	17.72	17.68			
3	256QAM	8	7	17.76	17.93	17.89			
3	256QAM	15	0	17.99	18.00	17.82			
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	22.96	23.09	22.90		24	
1.4	QPSK	1	3	22.85	22.83	22.77			
1.4	QPSK	1	5	22.85	23.03	22.80			
1.4	QPSK	3	0	22.83	22.91	22.72	23	1	
1.4	QPSK	3	1	22.84	22.93	22.76			
1.4	QPSK	3	3	22.79	22.92	22.73			
1.4	QPSK	6	0	21.98	22.12	21.89	23	1	
1.4	16QAM	1	0	21.95	22.10	21.88			
1.4	16QAM	1	3	21.94	22.08	21.91			
1.4	16QAM	1	5	21.95	22.12	21.88	23	1	
1.4	16QAM	3	0	21.96	22.11	21.90			
1.4	16QAM	3	1	21.95	22.12	21.88			
1.4	16QAM	3	3	21.95	22.09	21.88	22	2	
1.4	16QAM	6	0	20.97	21.08	20.88			
1.4	64QAM	1	0	20.96	21.08	20.92			
1.4	64QAM	1	3	20.98	21.09	20.92	22	2	
1.4	64QAM	1	5	20.96	21.11	20.89			
1.4	64QAM	3	0	20.95	21.08	20.93			
1.4	64QAM	3	1	20.95	21.08	20.89	21	3	
1.4	64QAM	3	3	20.96	21.06	20.93			
1.4	64QAM	6	0	19.94	20.11	19.92			
1.4	256QAM	1	0	17.94	18.11	17.88	19	5	
1.4	256QAM	1	3	17.98	18.08	17.91			
1.4	256QAM	1	5	17.98	18.08	17.89			
1.4	256QAM	3	0	17.95	18.11	17.88	19	5	
1.4	256QAM	3	1	17.95	18.07	17.93			
1.4	256QAM	3	3	17.93	18.11	17.91			
1.4	256QAM	6	0	17.94	18.12	17.88	19	5	

Reduced Power Mode for DSI2_Other Path										
Band 5 Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	22.60	22.79	22.58	24	0		
10	QPSK	1	25	22.55	22.56	22.60				
10	QPSK	1	49	22.60	22.54	22.66				
10	QPSK	25	0	21.75	21.76	21.64	23	1		
10	QPSK	25	12	21.66	21.64	21.74				
10	QPSK	25	25	21.64	21.64	21.65				
10	QPSK	50	0	21.49	21.81	21.64	23	1		
10	16QAM	1	0	21.55	21.86	21.67				
10	16QAM	1	25	21.64	21.52	21.76				
10	16QAM	1	49	21.76	21.56	21.70	22	2		
10	16QAM	25	0	20.79	20.74	20.43				
10	16QAM	25	12	20.68	20.68	20.68				
10	16QAM	25	25	20.74	20.50	20.49	22	2		
10	16QAM	50	0	20.68	20.52	20.74				
10	64QAM	1	0	20.66	20.81	20.53	22	2		
10	64QAM	1	25	20.70	20.58	20.63				
10	64QAM	1	49	20.75	20.45	20.53				
10	64QAM	25	0	19.65	19.54	19.43	21	3		
10	64QAM	25	12	19.66	19.54	19.78				
10	64QAM	25	25	19.56	19.67	19.55				
10	64QAM	50	0	19.62	19.39	19.71	19	5		
10	256QAM	1	0	17.68	17.76	17.57				
10	256QAM	1	25	17.80	17.80	17.82				
10	256QAM	1	49	17.79	17.52	17.84	19	5		
10	256QAM	25	0	17.56	17.66	17.57				
10	256QAM	25	12	17.87	17.51	17.74				
10	256QAM	25	25	17.68	17.45	17.75	19	5		
10	256QAM	50	0	17.64	17.68	17.80				
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	22.31	22.59	22.32	24	0		
5	QPSK	1	12	22.26	22.42	22.38				
5	QPSK	1	24	22.46	22.37	22.39				
5	QPSK	12	0	21.57	21.60	21.52	23	1		
5	QPSK	12	7	21.44	21.37	21.52				
5	QPSK	12	13	21.40	21.44	21.38				
5	QPSK	25	0	21.20	21.65	21.43	23	1		
5	16QAM	1	0	21.44	21.69	21.42				
5	16QAM	1	12	21.47	21.28	21.53				
5	16QAM	1	24	21.57	21.39	21.42	22	2		
5	16QAM	12	0	20.56	20.62	20.28				
5	16QAM	12	7	20.40	20.45	20.48				
5	16QAM	12	13	20.60	20.25	20.33	22	2		
5	16QAM	25	0	20.53	20.37	20.48				
5	64QAM	1	0	20.38	20.55	20.41				
5	64QAM	1	12	20.48	20.41	20.37	22	2		
5	64QAM	1	24	20.59	20.30	20.33				
5	64QAM	12	0	19.44	19.37	19.19				
5	64QAM	12	7	19.39	19.39	19.59	21	3		
5	64QAM	12	13	19.34	19.48	19.34				
5	64QAM	25	0	19.35	19.20	19.56				
5	256QAM	1	0	17.43	17.55	17.35	19	5		
5	256QAM	1	12	17.56	17.60	17.60				
5	256QAM	1	24	17.66	17.35	17.66				
5	256QAM	12	0	17.28	17.43	17.48	19	5		
5	256QAM	12	7	17.61	17.34	17.57				
5	256QAM	12	13	17.46	17.32	17.57				
5	256QAM	25	0	17.47	17.42	17.57				
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	22.43	22.58	22.36	24	0		
3	QPSK	1	8	22.37	22.38	22.32				
3	QPSK	1	14	22.33	22.29	22.50				
3	QPSK	8	0	21.50	21.47	21.45	23	1		
3	QPSK	8	4	21.49	21.41	21.46				
3	QPSK	8	7	21.49	21.49	21.42				
3	QPSK	15	0	21.33	21.66	21.35	23	1		
3	16QAM	1	0	21.41	21.68	21.41				
3	16QAM	1	8	21.36	21.24	21.48				
3	16QAM	1	14	21.60	21.39	21.59	23	1		
3	16QAM	8	0	20.64	20.55	20.24				
3	16QAM	8	4	20.52	20.52	20.48				
3	16QAM	8	7	20.49	20.25	20.37	22	2		
3	16QAM	15	0	20.45	20.27	20.63				
3	64QAM	1	0	20.50	20.61	20.29				
3	64QAM	1	8	20.54	20.41	20.42	22	2		
3	64QAM	1	14	20.57	20.28	20.37				
3	64QAM	8	0	19.38	19.40	19.32				
3	64QAM	8	4	19.50	19.41	19.53	21	3		
3	64QAM	8	7	19.45	19.54	19.33				
3	64QAM	15	0	19.51	19.19	19.43				
3	256QAM	1	0	17.52	17.49	17.31	19	5		
3	256QAM	1	8	17.53	17.53	17.70				
3	256QAM	1	14	17.65	17.38	17.65				
3	256QAM	8	0	17.27	17.48	17.53	19	5		
3	256QAM	8	4	17.58	17.25	17.60				
3	256QAM	8	7	17.49	17.32	17.61				
3	256QAM	15	0	17.46	17.42	17.68				
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	22.37	22.53	22.45	24	0		
1.4	QPSK	1	3	22.35	22.31	22.45				
1.4	QPSK	1	5	22.42	22.32	22.52				
1.4	QPSK	3	0	22.26	22.32	22.34	23	1		
1.4	QPSK	3	1	22.46	22.26	22.44				
1.4	QPSK	3	3	22.35	22.66	22.33				
1.4	QPSK	6	0	21.63	21.82	21.61	23	1		
1.4	16QAM	1	0	21.68	21.80	21.53				
1.4	16QAM	1	3	21.51	21.81	21.62				
1.4	16QAM	1	5	21.66	21.75	21.62	23	1		
1.4	16QAM	3	0	21.66	21.71	21.54				
1.4	16QAM	3	1	21.69	21.78	21.50				
1.4	16QAM	3	3	21.64	21.73	21.62	22	2		
1.4	16QAM	6	0	20.62	20.82	20.65				
1.4	64QAM	1	0	20.55	20.74	20.65				
1.4	64QAM	1	3	20.60	20.78	20.66	22	2		
1.4	64QAM	1	5	20.55	20.87	20.60				
1.4	64QAM	3	0	20.51	20.74	20.66				
1.4	64QAM	3	1	20.60	20.87	20.67	21	3		
1.4	64QAM	3	3	20.52	20.80	20.60				
1.4	64QAM	6	0	19.65	19.81	19.65				
1.4	256QAM	1	0	17.54	17.85	17.57	19	5		
1.4	256QAM	1	3	17.51	17.80	17.50				
1.4	256QAM	1	5	17.61	17.82	17.67				
1.4	256QAM	3	0	17.60	17.87	17.50	19	5		
1.4	256QAM	3	1	17.55	17.72	17.62				
1.4	256QAM	3	3	17.58	17.86	17.67				
1.4	256QAM	6	0	17.61	17.88	17.65	19	5		

Band 7 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.67	22.96	22.77	24	0	
20	QPSK	1	49	22.69	22.74	22.54			
20	QPSK	1	99	22.64	22.65	22.50			
20	QPSK	50	0	21.66	21.91	21.87	23	1	
20	QPSK	50	24	21.72	21.83	21.86			
20	QPSK	50	50	21.59	21.61	21.66			
20	QPSK	100	0	21.78	21.81	21.62	23	1	
20	16QAM	1	0	21.61	21.68	21.75			
20	16QAM	1	49	21.66	21.64	21.57			
20	16QAM	1	99	21.73	21.66	21.70	22	2	
20	16QAM	50	0	20.59	20.60	20.70			
20	16QAM	50	24	20.66	20.55	20.61			
20	16QAM	50	50	20.42	20.60	20.34	22	2	
20	16QAM	100	0	20.56	20.65	20.71			
20	64QAM	1	0	20.59	20.45	20.43			
20	64QAM	1	49	20.30	20.45	20.72	22	2	
20	64QAM	1	99	20.49	20.59	20.70			
20	64QAM	50	0	19.67	19.51	19.48			
20	64QAM	50	24	19.66	19.56	19.42	21	3	
20	64QAM	50	50	19.70	19.53	19.64			
20	64QAM	100	0	19.72	19.45	19.50			
20	256QAM	1	0	17.72	17.43	17.70	19	5	
20	256QAM	1	49	17.32	17.62	17.63			
20	256QAM	1	99	17.79	17.64	17.48			
20	256QAM	50	0	17.43	17.59	17.74	19	5	
20	256QAM	50	24	17.51	17.55	17.47			
20	256QAM	50	50	17.47	17.75	17.86			
20	256QAM	100	0	17.39	17.78	17.89			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.58	22.89	22.68	24	0	
15	QPSK	1	37	22.65	22.65	22.52			
15	QPSK	1	74	22.55	22.56	22.51			
15	QPSK	36	0	21.50	21.83	21.78	23	1	
15	QPSK	36	20	21.67	21.78	21.88			
15	QPSK	36	39	21.52	21.57	21.63			
15	QPSK	75	0	21.72	21.73	21.64	23	1	
15	16QAM	1	0	21.52	21.68	21.72			
15	16QAM	1	37	21.67	21.64	21.54			
15	16QAM	1	74	21.72	21.70	21.68	22	2	
15	16QAM	36	0	20.53	20.49	20.70			
15	16QAM	36	20	20.63	20.46	20.58			
15	16QAM	36	39	20.36	20.48	20.36	22	2	
15	16QAM	75	0	20.50	20.53	20.63			
15	64QAM	1	0	20.49	20.37	20.40			
15	64QAM	1	37	20.40	20.44	20.66	22	2	
15	64QAM	1	74	20.46	20.60	20.71			
15	64QAM	36	0	19.56	19.45	19.41			
15	64QAM	36	20	19.66	19.57	19.39	21	3	
15	64QAM	36	39	19.69	19.47	19.59			
15	64QAM	75	0	19.66	19.45	19.37			
15	256QAM	1	0	17.59	17.33	17.76	19	5	
15	256QAM	1	37	17.26	17.54	17.61			
15	256QAM	1	74	17.75	17.63	17.44			
15	256QAM	36	0	17.36	17.53	17.62	19	5	
15	256QAM	36	20	17.44	17.46	17.44			
15	256QAM	36	39	17.49	17.66	17.86			
15	256QAM	75	0	17.37	17.67	17.75			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	22.57	22.94	22.66	24	0	
10	QPSK	1	25	22.59	22.64	22.51			
10	QPSK	1	49	22.57	22.61	22.46			
10	QPSK	25	0	21.56	21.88	21.83	23	1	
10	QPSK	25	12	21.67	21.73	21.85			
10	QPSK	25	25	21.52	21.55	21.64			
10	QPSK	50	0	21.71	21.74	21.55	23	1	
10	16QAM	1	0	21.59	21.68	21.65			
10	16QAM	1	25	21.60	21.66	21.59			
10	16QAM	1	49	21.70	21.63	21.71	22	2	
10	16QAM	25	0	20.47	20.55	20.65			
10	16QAM	25	12	20.64	20.53	20.54			
10	16QAM	25	25	20.37	20.44	20.39	22	2	
10	16QAM	50	0	20.56	20.55	20.65			
10	64QAM	1	0	20.52	20.39	20.41			
10	64QAM	1	25	20.32	20.34	20.71	22	2	
10	64QAM	1	49	20.42	20.58	20.63			
10	64QAM	25	0	19.51	19.42	19.44			
10	64QAM	25	12	19.60	19.54	19.34	21	3	
10	64QAM	25	25	19.72	19.52	19.61			
10	64QAM	50	0	19.74	19.40	19.36			
10	256QAM	1	0	17.65	17.37	17.66	19	5	
10	256QAM	1	25	17.26	17.54	17.53			
10	256QAM	1	49	17.70	17.60	17.42			
10	256QAM	25	0	17.44	17.46	17.62	19	5	
10	256QAM	25	12	17.39	17.42	17.50			
10	256QAM	25	25	17.50	17.71	17.82			
10	256QAM	50	0	17.35	17.67	17.77			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	22.61	22.98	22.70	24	0	
5	QPSK	1	12	22.66	22.66	22.49			
5	QPSK	1	24	22.56	22.61	22.50			
5	QPSK	12	0	21.54	21.84	21.79	23	1	
5	QPSK	12	7	21.69	21.80	21.85			
5	QPSK	12	13	21.56	21.51	21.65			
5	QPSK	25	0	21.68	21.70	21.58	23	1	
5	16QAM	1	0	21.55	21.65	21.63			
5	16QAM	1	12	21.65	21.59	21.57			
5	16QAM	1	24	21.72	21.69	21.64	22	2	
5	16QAM	12	0	20.52	20.59	20.65			
5	16QAM	12	7	20.56	20.50	20.54			
5	16QAM	12	13	20.33	20.54	20.35	22	2	
5	16QAM	25	0	20.56	20.51	20.69			
5	64QAM	1	0	20.51	20.36	20.40			
5	64QAM	1	12	20.38	20.38	20.65	22	2	
5	64QAM	1	24	20.43	20.58	20.71			
5	64QAM	12	0	19.58	19.44	19.36			
5	64QAM	12	7	19.65	19.54	19.39	21	3	
5	64QAM	12	13	19.65	19.53	19.56			
5	64QAM	25	0	19.70	19.42	19.43			
5	256QAM	1	0	17.59	17.37	17.73	19	5	
5	256QAM	1	12	17.30	17.53	17.58			
5	256QAM	1	24	17.72	17.66	17.40			
5	256QAM	12	0	17.42	17.46	17.70	19	5	
5	256QAM	12	7	17.49	17.49	17.43			
5	256QAM	12	13	17.53	17.68	17.83			
5	256QAM	25	0	17.52	17.66	17.85			

Band 38 Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Co./Freq	Power Middle Co./Freq	Power High Co./Freq	Time-up limit (dbm)	MPR (db)		
Channel										
Frequency (MHz)										
				37650	36900	38150				
20	QPSK	1	0	2246	2271	2265	24	0		
20	QPSK	1	49	2244	2265	2247				
20	QPSK	1	99	2234	2247	2237				
20	QPSK	50	0	2148	2163	2174				
20	QPSK	50	24	2161	2164	2137	23	1		
20	QPSK	50	50	2147	2164	2175				
20	QPSK	100	0	2174	2188	2144				
20	16QAM	1	0	2146	2135	2161				
20	16QAM	1	49	2126	2159	2161	23	1		
20	16QAM	1	99	2154	2156	2134				
20	16QAM	50	0	2046	2043	2059				
20	16QAM	50	24	2057	2014	2044				
20	16QAM	50	50	2050	2028	2038	22	2		
20	16QAM	100	0	2038	2037	2026				
20	16QAM	1	0	2019	2016	2034				
20	16QAM	1	49	2026	2030	2043				
20	16QAM	1	99	2037	2033	2059	22	2		
20	16QAM	50	0	1937	1936	1948				
20	16QAM	50	24	1938	1944	1921				
20	16QAM	50	50	1936	1924	1959				
20	16QAM	100	0	1923	1941	1928	21	3		
20	256QAM	1	0	1743	1743	1733				
20	256QAM	1	49	1749	1742	1733				
20	256QAM	1	99	1724	1727	1733				
20	256QAM	50	0	1717	1721	1725	19	5		
20	256QAM	50	24	1758	1747	1738				
20	256QAM	50	50	1735	1734	1743				
20	256QAM	100	0	1741	1747	1747				
Channel										
Frequency (MHz)										
				37675	36900	38175	Time-up limit (dbm)	MPR (db)		
15	QPSK	1	0	2238	2264	2251	24	0		
15	QPSK	1	37	2239	2247	2243				
15	QPSK	1	74	2228	2234	2228				
15	QPSK	36	0	2134	2171	2164				
15	QPSK	36	0	2134	2163	2163	23	1		
15	QPSK	36	39	2139	2132	2164				
15	QPSK	75	0	2167	2182	2141				
15	16QAM	1	0	2139	2164	2158				
15	16QAM	1	37	2138	2164	2158	23	1		
15	16QAM	1	74	2138	2163	2165				
15	16QAM	36	0	2034	2037	2045				
15	16QAM	36	20	2048	2020	2038				
15	16QAM	36	39	2032	2010	2027	22	2		
15	16QAM	75	0	2025	2025	2068				
15	16QAM	1	0	1743	1744	1741				
15	16QAM	1	37	2018	2015	2028				
15	16QAM	1	74	2032	2031	2058	22	2		
15	16QAM	36	0	1933	1934	1945				
15	16QAM	36	20	1927	1935	1912				
15	16QAM	36	39	1922	1916	1955				
15	16QAM	75	0	1909	1923	1913	21	3		
15	256QAM	1	0	1727	1728	1731				
15	256QAM	1	37	1734	1735	1748				
15	256QAM	1	74	1706	1712	1736				
15	256QAM	36	0	1721	1731	1730	19	5		
15	256QAM	36	20	1754	1738	1736				
15	256QAM	36	39	1731	1730	1737				
15	256QAM	75	0	1743	1744	1747				
Channel										
Frequency (MHz)										
				25975	2595	2615	Time-up limit (dbm)	MPR (db)		
10	QPSK	1	0	2233	2268	2249	24	0		
10	QPSK	1	25	2240	2256	2233				
10	QPSK	1	49	2222	2240	2222				
10	QPSK	25	0	2146	2180	2173				
10	QPSK	25	0	2146	2168	2168	23	1		
10	QPSK	25	12	2156	2156	2156				
10	QPSK	25	25	2136	2126	2158				
10	QPSK	50	0	2159	2184	2131				
10	16QAM	1	0	2128	2128	2148	23	1		
10	16QAM	1	25	2130	2149	2155				
10	16QAM	1	49	2148	2146	2118				
10	16QAM	25	0	2030	2041	2058				
10	16QAM	25	12	2041	2035	2037	22	2		
10	16QAM	25	25	2040	2018	2036				
10	16QAM	50	0	2021	2020	2023				
10	16QAM	1	0	2025	2026	2027				
10	16QAM	1	25	2019	2012	2034	22	2		
10	16QAM	1	49	2036	2020	2058				
10	16QAM	25	0	1922	1922	1936				
10	16QAM	25	12	1936	1935	1938				
10	16QAM	25	25	1936	1939	1943	21	3		
10	16QAM	50	0	1916	1939	1915				
10	256QAM	1	0	1740	1729	1723				
10	256QAM	1	25	1733	1740	1738				
10	256QAM	1	49	1705	1720	1709	19	5		
10	256QAM	25	0	1734	1744	1729				
10	256QAM	25	12	1747	1742	1734				
10	256QAM	25	25	1722	1728	1727				
10	256QAM	50	0	1723	1746	1748	24	0		
5	QPSK	1	0	2238	2269	2250				
5	QPSK	1	12	2243	2251	2237				
5	QPSK	1	24	2227	2229	2233				
5	QPSK	12	0	2143	2176	2169	23	1		
5	QPSK	12	7	2148	2148	2131				
5	QPSK	12	13	2130	2130	2173				
5	QPSK	25	0	2161	2186	2138				
5	16QAM	1	0	2137	2125	2143	23	1		
5	16QAM	1	12	2116	2153	2159				
5	16QAM	1	24	2148	2140	2149				
5	16QAM	12	0	2033	2029	2049				
5	16QAM	12	7	2049	2010	2037	22	2		
5	16QAM	12	13	2042	2022	2024				
5	16QAM	25	0	2031	2034	2027				
5	16QAM	1	0	2009	2008	2020				
5	16QAM	1	12	2008	2019	2026	22	2		
5	16QAM	1	24	2018	2022	2026				
5	16QAM	12	0	1930	1927	1933				
5	16QAM	12	7	1922	1930	1917				
5	16QAM	12	13	1931	1910	1916	21	3		
5	16QAM	25	0	1917	1936	1913				
5	256QAM	1	0	1726	1734	1732				
5	256QAM	1	12	1737	1728	1738				
5	256QAM	1	24	1716	1709	1717	19	5		
5	256QAM	12	0	1734	1733	1727				
5	256QAM	12	7	1756	1742	1734				
5	256QAM	12	13	1752	1724	1738				

Band 5 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	22.07	22.31	22.16	23.5	0	
10	QPSK	1	25	22.13	22.22	22.11			
10	QPSK	1	49	22.23	22.14	22.07			
10	QPSK	25	0	22.02	22.26	22.20			
10	QPSK	25	12	22.02	22.05	21.80	23	0.5	
10	QPSK	25	25	22.07	22.13	22.06			
10	QPSK	50	0	22.05	22.23	22.07			
10	16QAM	1	0	21.98	21.89	21.89			
10	16QAM	1	25	22.07	21.99	21.93	23	0.5	
10	16QAM	1	49	22.15	22.08	22.21			
10	16QAM	25	0	20.77	20.91	20.63			
10	16QAM	25	12	21.01	21.08	20.97			
10	16QAM	25	25	20.79	21.03	20.71	22	1.5	
10	16QAM	50	0	20.81	21.13	20.89			
10	64QAM	1	0	21.18	21.12	20.75			
10	64QAM	1	25	21.00	21.25	21.05			
10	64QAM	1	49	21.10	20.96	20.95	21	2.5	
10	64QAM	25	0	20.05	19.97	19.90			
10	64QAM	25	12	19.99	20.08	19.76			
10	64QAM	25	25	20.20	20.03	19.92			
10	64QAM	50	0	20.20	20.08	20.10	19	4.5	
10	256QAM	1	0	18.01	18.07	18.23			
10	256QAM	1	25	18.10	18.23	18.08			
10	256QAM	1	49	17.95	17.87	18.00			
10	256QAM	25	0	17.97	18.28	18.04	19	4.5	
10	256QAM	25	12	18.08	18.06	17.88			
10	256QAM	25	25	17.89	18.17	18.10			
10	256QAM	50	0	18.09	18.13	18.02			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	21.97	22.16	21.99	23.5	0	
5	QPSK	1	12	22.02	22.13	22.09			
5	QPSK	1	24	22.05	22.02	21.90			
5	QPSK	12	0	21.84	22.25	22.18			
5	QPSK	12	7	21.91	22.04	21.75	23	0.5	
5	QPSK	12	13	22.01	21.94	22.00			
5	QPSK	25	0	21.87	22.10	21.92			
5	16QAM	1	0	21.97	21.86	21.78			
5	16QAM	1	12	21.95	21.83	21.87	23	0.5	
5	16QAM	1	24	22.03	22.00	22.05			
5	16QAM	12	0	20.60	20.84	20.50			
5	16QAM	12	7	20.98	20.90	20.79			
5	16QAM	12	13	20.77	20.96	20.88	22	1.5	
5	16QAM	25	0	20.64	21.11	20.75			
5	64QAM	1	0	21.12	21.00	20.70			
5	64QAM	1	12	20.89	21.16	20.92			
5	64QAM	1	24	20.92	20.91	20.89	21	2.5	
5	64QAM	12	0	19.96	19.91	19.79			
5	64QAM	12	7	19.80	20.03	19.59			
5	64QAM	12	13	19.91	19.88	19.77			
5	64QAM	25	0	20.06	19.93	20.08	19	4.5	
5	256QAM	1	0	17.95	17.98	18.19			
5	256QAM	1	12	17.97	18.04	17.95			
5	256QAM	1	24	17.88	17.78	17.90			
5	256QAM	12	0	17.94	18.12	17.91	19	4.5	
5	256QAM	12	7	18.02	18.03	17.86			
5	256QAM	12	13	17.78	17.99	17.97			
5	256QAM	25	0	17.91	18.01	17.90			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	21.97	22.29	21.98	23.5	0	
3	QPSK	1	8	21.95	22.18	21.93			
3	QPSK	1	14	22.19	22.05	21.97			
3	QPSK	8	0	22.00	22.16	22.01			
3	QPSK	8	4	21.84	22.00	21.78	23	0.5	
3	QPSK	8	7	21.95	21.98	21.91			
3	QPSK	15	0	21.97	22.20	21.90			
3	16QAM	1	0	21.94	21.82	21.70			
3	16QAM	1	8	21.90	21.89	21.92	23	0.5	
3	16QAM	1	14	22.00	22.01	22.10			
3	16QAM	8	0	20.63	20.82	20.59			
3	16QAM	8	4	20.98	20.92	20.96			
3	16QAM	8	7	20.67	20.92	20.61	22	1.5	
3	16QAM	15	0	20.67	21.02	20.77			
3	64QAM	1	0	21.00	21.06	20.61			
3	64QAM	1	8	20.82	21.09	21.03			
3	64QAM	1	14	20.92	20.79	20.93	21	2.5	
3	64QAM	8	0	19.90	19.85	19.78			
3	64QAM	8	4	19.84	20.03	19.70			
3	64QAM	8	7	20.16	19.92	19.89			
3	64QAM	15	0	20.18	20.05	20.07	19	4.5	
3	256QAM	1	0	17.84	18.00	18.18			
3	256QAM	1	8	18.05	18.17	17.94			
3	256QAM	1	14	17.86	17.85	17.86			
3	256QAM	8	0	17.81	18.21	17.97	19	4.5	
3	256QAM	8	4	18.05	17.93	17.83			
3	256QAM	8	7	17.80	17.99	18.02			
3	256QAM	15	0	18.03	17.95	17.87			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	22.03	22.26	22.10	23.5	0	
1.4	QPSK	1	3	22.11	22.12	21.96			
1.4	QPSK	1	5	22.20	21.98	22.03			
1.4	QPSK	3	0	21.95	22.16	22.11			
1.4	QPSK	3	1	21.90	21.89	21.68			
1.4	QPSK	3	3	22.01	22.07	22.03			
1.4	QPSK	6	0	21.63	21.87	21.61	23	0.5	
1.4	16QAM	1	0	21.58	21.77	21.64			
1.4	16QAM	1	3	21.75	21.59	21.58			
1.4	16QAM	1	5	21.57	21.76	21.87			
1.4	16QAM	3	0	21.49	21.47	21.27			
1.4	16QAM	3	1	21.62	21.55	21.62			
1.4	16QAM	3	3	21.47	21.71	21.57	22	1.5	
1.4	16QAM	6	0	20.53	20.78	20.60			
1.4	64QAM	1	0	20.58	20.80	20.58			
1.4	64QAM	1	3	20.66	20.59	20.65			
1.4	64QAM	1	5	20.44	20.77	20.69			
1.4	64QAM	3	0	20.47	20.55	20.28			
1.4	64QAM	3	1	20.51	20.60	20.49	21	2.5	
1.4	64QAM	3	3	20.60	20.65	20.60			
1.4	64QAM	6	0	19.49	19.76	19.69			
1.4	256QAM	1	0	17.53	17.74	17.72			
1.4	256QAM	1	3	17.67	17.77	17.58			
1.4	256QAM	1	5	17.68	17.66	17.53			
1.4	256QAM	3	0	17.49	17.79	17.67	19	4.5	
1.4	256QAM	3	1	17.56	17.53	17.63			
1.4	256QAM	3	3	17.49	17.65	17.53			
1.4	256QAM	6	0	17.70	17.74	17.53			

Reduced Power Mode for DSI3_Other Path									
Band 5 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	22.60	22.79	22.58	24	0	
10	QPSK	1	25	22.55	22.56	22.60			
10	QPSK	1	49	22.60	22.54	22.66			
10	QPSK	25	0	21.75	21.76	21.64	23	1	
10	QPSK	25	12	21.66	21.64	21.74			
10	QPSK	25	25	21.64	21.64	21.65			
10	16QAM	1	0	21.55	21.86	21.67	23	1	
10	16QAM	1	25	21.64	21.52	21.76			
10	16QAM	1	49	21.76	21.56	21.70			
10	16QAM	25	0	20.79	20.74	20.43	22	2	
10	16QAM	25	12	20.68	20.68	20.68			
10	16QAM	25	25	20.74	20.50	20.49			
10	16QAM	50	0	20.68	20.52	20.74	22	2	
10	64QAM	1	0	20.66	20.81	20.53			
10	64QAM	1	25	20.70	20.58	20.63			
10	64QAM	1	49	20.75	20.45	20.53	21	3	
10	64QAM	25	0	19.65	19.54	19.43			
10	64QAM	25	12	19.66	19.54	19.78			
10	64QAM	25	25	19.56	19.67	19.55	19	5	
10	64QAM	50	0	19.62	19.39	19.71			
10	256QAM	1	0	17.68	17.76	17.57			
10	256QAM	1	25	17.80	17.80	17.82	19	5	
10	256QAM	1	49	17.79	17.52	17.84			
10	256QAM	25	0	17.56	17.66	17.69			
10	256QAM	25	12	17.87	17.51	17.74	19	5	
10	256QAM	25	25	17.68	17.45	17.75			
10	256QAM	50	0	17.64	17.68	17.80			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	22.31	22.59	22.32	24	0	
5	QPSK	1	12	22.26	22.42	22.38			
5	QPSK	1	24	22.46	22.37	22.39			
5	QPSK	12	0	21.57	21.60	21.52	23	1	
5	QPSK	12	7	21.44	21.37	21.52			
5	QPSK	12	13	21.40	21.44	21.38			
5	QPSK	25	0	21.20	21.65	21.43	23	1	
5	16QAM	1	0	21.44	21.69	21.42			
5	16QAM	1	12	21.47	21.28	21.53			
5	16QAM	1	24	21.57	21.39	21.42	22	2	
5	16QAM	12	0	20.56	20.62	20.28			
5	16QAM	12	7	20.40	20.45	20.48			
5	16QAM	12	13	20.60	20.25	20.33	22	2	
5	16QAM	25	0	20.53	20.37	20.48			
5	64QAM	1	0	20.38	20.55	20.41			
5	64QAM	1	12	20.48	20.41	20.37	22	2	
5	64QAM	1	24	20.59	20.30	20.33			
5	64QAM	12	0	19.44	19.37	19.19			
5	64QAM	12	7	19.39	19.39	19.59	21	3	
5	64QAM	12	13	19.34	19.48	19.34			
5	64QAM	25	0	19.35	19.20	19.56			
5	256QAM	1	0	17.43	17.55	17.35	19	5	
5	256QAM	1	12	17.56	17.60	17.60			
5	256QAM	1	24	17.66	17.35	17.66			
5	256QAM	12	0	17.28	17.43	17.48	19	5	
5	256QAM	12	7	17.61	17.34	17.57			
5	256QAM	12	13	17.46	17.32	17.57			
5	256QAM	25	0	17.47	17.42	17.57			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	22.43	22.58	22.36	24	0	
3	QPSK	1	8	22.37	22.38	22.32			
3	QPSK	1	14	22.33	22.29	22.50			
3	QPSK	8	0	21.50	21.47	21.45	23	1	
3	QPSK	8	4	21.49	21.41	21.46			
3	QPSK	8	7	21.49	21.49	21.42			
3	QPSK	15	0	21.33	21.66	21.35	23	1	
3	16QAM	1	0	21.41	21.68	21.41			
3	16QAM	1	8	21.36	21.24	21.48			
3	16QAM	1	14	21.60	21.39	21.59	22	2	
3	16QAM	8	0	20.64	20.55	20.24			
3	16QAM	8	4	20.52	20.52	20.48			
3	16QAM	8	7	20.49	20.25	20.37	22	2	
3	16QAM	15	0	20.45	20.27	20.63			
3	64QAM	1	0	20.50	20.61	20.29			
3	64QAM	1	8	20.54	20.41	20.42	22	2	
3	64QAM	1	14	20.57	20.28	20.37			
3	64QAM	8	0	19.38	19.40	19.32			
3	64QAM	8	4	19.50	19.41	19.53	21	3	
3	64QAM	8	7	19.45	19.54	19.33			
3	64QAM	15	0	19.51	19.19	19.43			
3	256QAM	1	0	17.52	17.49	17.31	19	5	
3	256QAM	1	8	17.53	17.53	17.70			
3	256QAM	1	14	17.65	17.38	17.65			
3	256QAM	8	0	17.27	17.48	17.53	19	5	
3	256QAM	8	4	17.58	17.25	17.60			
3	256QAM	8	7	17.49	17.32	17.61			
3	256QAM	15	0	17.46	17.42	17.68			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	22.37	22.53	22.45	24	0	
1.4	QPSK	1	3	22.35	22.31	22.45			
1.4	QPSK	1	5	22.42	22.32	22.52			
1.4	QPSK	3	0	22.26	22.32	22.34	23	1	
1.4	QPSK	3	1	22.46	22.26	22.44			
1.4	QPSK	3	3	22.35	22.66	22.33			
1.4	QPSK	6	0	21.63	21.82	21.61	23	1	
1.4	16QAM	1	0	21.68	21.80	21.53			
1.4	16QAM	1	3	21.51	21.81	21.62			
1.4	16QAM	1	5	21.66	21.75	21.62	23	1	
1.4	16QAM	3	0	21.66	21.71	21.54			
1.4	16QAM	3	1	21.69	21.78	21.50			
1.4	16QAM	3	3	21.64	21.73	21.62	22	2	
1.4	16QAM	6	0	20.62	20.62	20.65			
1.4	64QAM	1	0	20.55	20.74	20.65			
1.4	64QAM	1	3	20.60	20.78	20.66	22	2	
1.4	64QAM	1	5	20.55	20.87	20.60			
1.4	64QAM	3	0	20.51	20.74	20.66			
1.4	64QAM	3	1	20.60	20.87	20.67	21	3	
1.4	64QAM	3	3	20.52	20.80	20.60			
1.4	64QAM	6	0	19.65	19.81	19.65			
1.4	256QAM	1	0	17.54	17.85	17.57	19	5	
1.4	256QAM	1	3	17.51	17.80	17.50			
1.4	256QAM	1	5	17.61	17.82	17.67			
1.4	256QAM	3	0	17.60	17.87	17.50	19	5	
1.4	256QAM	3	1	17.55	17.72	17.62			
1.4	256QAM	3	3	17.58	17.86	17.67			
1.4	256QAM	6	0	17.61	17.88	17.65	19	5	

Band 7 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.38	22.68	22.46	23.5	0	
20	QPSK	1	49	22.38	22.41	22.27			
20	QPSK	1	99	22.31	22.37	22.23			
20	QPSK	50	0	21.33	21.63	21.57	23	0.5	
20	QPSK	50	24	21.41	21.51	21.61			
20	QPSK	50	50	21.31	21.31	21.41			
20	QPSK	100	0	21.43	21.49	21.36	23	0.5	
20	16QAM	1	0	21.35	21.41	21.41			
20	16QAM	1	49	21.40	21.39	21.31			
20	16QAM	1	99	21.45	21.40	21.41	22	1.5	
20	16QAM	50	0	20.28	20.29	20.43			
20	16QAM	50	24	20.37	20.25	20.28			
20	16QAM	50	50	20.10	20.25	20.08	22	1.5	
20	16QAM	100	0	20.28	20.30	20.39			
20	64QAM	1	0	20.24	20.15	20.14			
20	64QAM	1	49	20.01	20.12	20.40	21	2.5	
20	64QAM	1	99	20.21	20.33	20.40			
20	64QAM	50	0	19.32	19.19	19.18			
20	64QAM	50	24	19.36	19.31	19.12	19	4.5	
20	64QAM	50	50	19.41	19.25	19.36			
20	64QAM	100	0	19.47	19.18	19.16			
20	256QAM	1	0	17.39	17.12	17.44	19	4.5	
20	256QAM	1	49	17.05	17.30	17.33			
20	256QAM	1	99	17.47	17.36	17.18			
20	256QAM	50	0	17.15	17.26	17.41	19	4.5	
20	256QAM	50	24	17.22	17.22	17.20			
20	256QAM	50	50	17.22	17.42	17.58			
20	256QAM	100	0	17.07	17.45	17.55			
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	22.32	22.61	22.42	23.5	0	
15	QPSK	1	37	22.34	22.37	22.21			
15	QPSK	1	74	22.24	22.30	22.20			
15	QPSK	36	0	21.25	21.57	21.51	23	0.5	
15	QPSK	36	20	21.35	21.46	21.56			
15	QPSK	36	39	21.27	21.26	21.38			
15	QPSK	75	0	21.41	21.41	21.30	23	0.5	
15	16QAM	1	0	21.27	21.38	21.38			
15	16QAM	1	37	21.33	21.32	21.27			
15	16QAM	1	74	21.37	21.38	21.36	22	1.5	
15	16QAM	36	0	20.23	20.22	20.36			
15	16QAM	36	20	20.31	20.21	20.26			
15	16QAM	36	39	20.07	20.18	20.36	22	1.5	
15	16QAM	75	0	20.23	20.26	20.35			
15	64QAM	1	0	20.19	20.10	20.09			
15	64QAM	1	37	20.05	20.09	20.35	21	2.5	
15	64QAM	1	74	20.15	20.26	20.38			
15	64QAM	36	0	19.28	19.12	19.11			
15	64QAM	36	20	19.33	19.25	19.05	19	4.5	
15	64QAM	36	39	19.39	19.18	19.30			
15	64QAM	75	0	19.41	19.15	19.10			
15	256QAM	1	0	17.32	17.06	17.42	19	4.5	
15	256QAM	1	37	17.00	17.24	17.28			
15	256QAM	1	74	17.42	17.29	17.13			
15	256QAM	36	0	17.07	17.21	17.35	19	4.5	
15	256QAM	36	20	17.18	17.16	17.13			
15	256QAM	36	39	17.17	17.36	17.53			
15	256QAM	75	0	17.03	17.38	17.47			
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	22.31	22.64	22.41	23.5	0	
10	QPSK	1	25	22.32	22.36	22.20			
10	QPSK	1	49	22.25	22.30	22.16			
10	QPSK	25	0	21.27	21.59	21.52	23	0.5	
10	QPSK	25	12	21.37	21.48	21.58			
10	QPSK	25	25	21.24	21.25	21.37			
10	QPSK	50	0	21.40	21.42	21.30	23	0.5	
10	16QAM	1	0	21.28	21.36	21.35			
10	16QAM	1	25	21.35	21.32	21.27			
10	16QAM	1	49	21.43	21.33	21.38	22	1.5	
10	16QAM	25	0	20.20	20.21	20.39			
10	16QAM	25	12	20.33	20.20	20.22			
10	16QAM	25	25	20.03	20.19	20.05	22	1.5	
10	16QAM	50	0	20.24	20.27	20.32			
10	64QAM	1	0	20.19	20.10	20.09			
10	64QAM	1	25	20.03	20.08	20.37	21	2.5	
10	64QAM	1	49	20.17	20.28	20.33			
10	64QAM	25	0	19.24	19.16	19.14			
10	64QAM	25	12	19.31	19.28	19.08	19	4.5	
10	64QAM	25	25	19.38	19.17	19.29			
10	64QAM	50	0	19.42	19.11	19.09			
10	256QAM	1	0	17.32	17.08	17.38	19	4.5	
10	256QAM	1	25	17.01	17.27	17.28			
10	256QAM	1	49	17.44	17.30	17.10			
10	256QAM	25	0	17.11	17.20	17.36	19	4.5	
10	256QAM	25	12	17.14	17.16	17.17			
10	256QAM	25	25	17.20	17.40	17.50			
10	256QAM	50	0	17.03	17.38	17.51			
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.31	22.64	22.40	23.5	0	
5	QPSK	1	12	22.34	22.33	22.19			
5	QPSK	1	24	22.27	22.29	22.16			
5	QPSK	12	0	21.25	21.58	21.53	23	0.5	
5	QPSK	12	7	21.35	21.46	21.56			
5	QPSK	12	13	21.26	21.25	21.37			
5	QPSK	25	0	21.38	21.41	21.28	23	0.5	
5	16QAM	1	0	21.28	21.35	21.34			
5	16QAM	1	12	21.34	21.31	21.27			
5	16QAM	1	24	21.43	21.37	21.34	22	1.5	
5	16QAM	12	0	20.21	20.25	20.39			
5	16QAM	12	7	20.31	20.21	20.21			
5	16QAM	12	13	20.03	20.21	20.03	22	1.5	
5	16QAM	25	0	20.25	20.22	20.37			
5	64QAM	1	0	20.18	20.08	20.08			
5	64QAM	1	12	20.05	20.09	20.32	21	2.5	
5	64QAM	1	24	20.15	20.28	20.36			
5	64QAM	12	0	19.29	19.17	19.11			
5	64QAM	12	7	19.33	19.25	19.06	19	4.5	
5	64QAM	12	13	19.37	19.19	19.30			
5	64QAM	25	0	19.42	19.11	19.08			
5	256QAM	1	0	17.33	17.08	17.41	19	4.5	
5	256QAM	1	12	17.00	17.25	17.30			
5	256QAM	1	24	17.42	17.32	17.11			
5	256QAM	12	0	17.11	17.20	17.37	19	4.5	
5	256QAM	12	7	17.19	17.19	17.13			
5	256QAM	12	13	17.19	17.39	17.54			
5	256QAM	25	0	17.03	17.39	17.50			

Band 38 Ant 1														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Time-up limit (dftb)	MPR (dftb)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	22.46	22.71	22.65	24	0						
20	QPSK	1	49	22.44	22.65	22.57								
20	QPSK	1	99	22.34	22.47	22.37								
20	QPSK	50	0	21.48	21.83	21.74								
20	QPSK	50	24	21.61	21.64	21.37	23	1						
20	QPSK	50	50	21.47	21.44	21.75								
20	QPSK	100	0	21.74	21.68	21.44								
20	16QAM	1	0	21.46	21.35	21.61								
20	16QAM	1	49	21.26	21.59	21.61	23	1						
20	16QAM	1	99	21.64	21.56	21.34								
20	16QAM	50	0	20.46	20.43	20.59								
20	16QAM	50	24	20.57	20.14	20.44								
20	16QAM	50	50	20.50	20.26	20.38	22	2						
20	16QAM	100	0	20.08	20.37	20.25								
20	16QAM	1	0	20.19	20.18	20.34								
20	16QAM	1	49	20.26	20.30	20.43								
20	16QAM	1	99	20.37	20.33	20.59	21	3						
20	16QAM	50	0	19.37	19.40	19.48								
20	16QAM	50	24	19.38	19.44	19.21								
20	16QAM	50	50	19.36	19.24	19.59								
20	16QAM	100	0	19.23	19.41	19.28	21	3						
20	16QAM	1	0	17.43	17.40	17.33								
20	16QAM	1	49	17.49	17.42	17.53								
20	16QAM	1	99	17.24	17.27	17.37								
20	256QAM	1	0	17.23	17.24	17.15	19	5						
20	256QAM	1	49	17.24	17.27	17.37								
20	256QAM	50	24	17.58	17.47	17.38								
20	256QAM	50	50	17.35	17.34	17.43								
20	256QAM	100	0	17.44	17.34	17.43	19	5						
Channel														
Frequency (MHz)														
15	QPSK	1	0	22.28	22.64	22.51	24	0						
15	QPSK	1	37	22.29	22.67	22.43								
15	QPSK	1	74	22.19	22.34	22.28								
15	QPSK	36	0	21.34	21.71	21.64								
15	QPSK	36	0	19.35	19.36	19.48	23	1						
15	QPSK	36	39	21.39	21.32	21.64								
15	QPSK	75	0	21.67	21.82	21.41								
15	QPSK	36	0	21.39	21.64	21.58								
15	16QAM	1	0	21.18	21.44	21.55	23	1						
15	16QAM	1	37	21.18	21.44	21.55								
15	16QAM	1	74	21.38	21.43	21.45								
15	16QAM	36	0	20.34	20.37	20.45								
15	16QAM	36	0	20.34	20.37	20.39	22	2						
15	16QAM	36	39	20.32	20.10	20.27								
15	16QAM	75	0	20.25	20.25	20.08								
15	16QAM	1	0	17.43	17.44	17.41								
15	16QAM	1	37	20.18	20.15	20.28	22	2						
15	16QAM	1	74	20.32	20.31	20.58								
15	16QAM	36	0	19.36	19.35	19.48								
15	16QAM	36	20	19.27	19.35	19.12								
15	16QAM	36	39	19.22	19.16	19.55	21	3						
15	16QAM	75	0	19.09	19.23	19.13								
15	256QAM	1	0	17.27	17.28	17.31								
15	256QAM	1	37	17.34	17.35	17.46								
15	256QAM	1	74	17.06	17.12	17.36	19	5						
15	256QAM	36	0	17.06	17.06	17.36								
15	256QAM	36	20	17.54	17.38	17.36								
15	256QAM	36	39	17.31	17.30	17.37								
15	256QAM	75	0	17.64	17.64	17.64	19	5						
Channel														
Frequency (MHz)														
15	QPSK	1	0	22.33	22.68	22.49	24	0						
15	QPSK	1	49	22.28	22.56	22.33								
15	QPSK	1	49	22.22	22.52	22.22								
15	QPSK	25	0	21.46	21.80	21.73								
15	QPSK	25	12	21.56	21.56	21.26	23	1						
15	QPSK	25	25	21.36	21.26	21.58								
15	QPSK	50	0	21.59	21.84	21.31								
15	16QAM	1	0	21.28	21.28	21.48								
15	16QAM	1	49	21.35	21.49	21.55	23	1						
15	16QAM	1	49	21.48	21.46	21.18								
15	16QAM	25	0	20.30	20.41	20.58								
15	16QAM	25	12	20.41	20.35	20.37								
15	16QAM	25	25	20.40	20.18	20.36	22	2						
15	16QAM	50	0	20.21	20.20	20.23								
15	16QAM	1	0	20.05	20.06	20.27								
15	16QAM	1	25	20.19	20.12	20.34								
15	16QAM	1	49	20.36	20.20	20.58	21	3						
15	16QAM	25	0	19.22	19.22	19.35								
15	16QAM	25	12	19.36	19.35	19.05								
15	16QAM	25	25	19.36	19.36	19.43								
15	16QAM	50	0	19.16	19.39	19.15	19	5						
15	256QAM	1	0	17.40	17.29	17.23								
15	256QAM	1	25	17.33	17.40	17.39								
15	256QAM	1	49	17.05	17.20	17.09								
15	256QAM	25	0	17.34	17.44	17.29	19	5						
15	256QAM	25	12	17.47	17.42	17.34								
15	256QAM	25	25	17.22	17.28	17.27								
15	256QAM	50	0	17.23	17.46	17.46								
Channel														
Frequency (MHz)														
5	QPSK	1	0	22.38	22.69	22.50	24	0						
5	QPSK	1	12	22.43	22.51	22.37								
5	QPSK	1	24	22.27	22.29	22.33								
5	QPSK	12	0	21.43	21.76	21.69								
5	QPSK	12	7	21.48	21.48	21.31	23	1						
5	QPSK	12	13	21.30	21.35	21.31								
5	QPSK	25	0	21.61	21.86	21.38								
5	16QAM	1	0	21.37	21.25	21.43								
5	16QAM	1	12	21.16	21.53	21.59	23	1						
5	16QAM	1	24	21.48	21.40	21.29								
5	16QAM	12	0	20.33	20.29	20.49								
5	16QAM	12	7	20.49	20.10	20.37								
5	16QAM	12	13	20.42	20.22	20.24	22	2						
5	16QAM	25	0	20.31	20.34	20.07								
5	16QAM	1	0	20.09	20.08	20.23								
5	16QAM	1	12	20.08	20.19	20.26								
5	16QAM	1	24	20.18	20.22	20.35	22	2						
5	16QAM	12	0	19.30	19.27	19.23								
5	16QAM	12	7	19.22	19.30	19.17								
5	16QAM	12	13	19.31	19.10	19.56								
5	16QAM	25	0	19.17	19.36	19.13	21	3						
5	256QAM	1	0	17.26	17.34	17.32								
5	256QAM	1	12	17.37	17.28	17.38								
5	256QAM	1	2	17.16	17.29	17.17	19	5						
5	256QAM	12	0	17.34	17.33	17.27								
5	256QAM	12	7	17.56	17.42	17.24								
5	256QAM	12	13	17.32	17.24	17.38								
5	256QAM	12	1	17.12	17.12	17.62	19	5						

Band 5 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	21.57	21.65	21.63	22.8		
10	QPSK	1	25	21.59	21.52	21.56			
10	QPSK	1	49	21.44	21.35	21.31			
10	QPSK	25	0	21.49	21.61	21.45			
10	QPSK	25	12	21.18	21.59	21.47	22.8		
10	QPSK	25	25	21.26	21.28	21.27			
10	QPSK	50	0	21.21	21.49	21.41			
10	16QAM	1	0	21.05	21.47	21.51			
10	16QAM	1	25	21.23	21.35	21.23	22.8		
10	16QAM	1	49	21.49	21.41	21.51			
10	16QAM	25	0	20.46	20.26	20.12			
10	16QAM	25	12	20.26	20.37	20.49			
10	16QAM	25	25	20.21	20.31	20.24	22		
10	16QAM	50	0	20.32	20.46	20.43			
10	64QAM	1	0	20.44	20.43	20.03			
10	64QAM	1	25	20.36	20.43	20.28			
10	64QAM	1	49	20.51	20.45	20.36	21		
10	64QAM	25	0	19.45	19.29	19.21			
10	64QAM	25	12	19.51	19.25	19.21			
10	64QAM	25	25	19.40	19.41	19.35			
10	64QAM	50	0	19.46	19.58	19.39	19		
10	256QAM	1	0	17.42	17.11	17.48			
10	256QAM	1	25	17.59	17.45	17.46			
10	256QAM	1	49	17.28	17.15	17.55			
10	256QAM	25	0	17.44	17.49	17.48	19		
10	256QAM	25	12	17.50	17.26	17.13			
10	256QAM	25	25	17.19	17.45	17.38			
10	256QAM	50	0	17.67	17.51	17.44			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	21.44	21.58	21.57	22.8		
5	QPSK	1	12	21.22	21.45	21.31			
5	QPSK	1	24	21.09	21.32	21.24			
5	QPSK	12	0	21.41	21.51	21.40			
5	QPSK	12	7	21.14	21.55	21.42	22.8		
5	QPSK	12	13	21.23	21.25	21.24			
5	QPSK	25	0	21.14	21.44	21.37			
5	16QAM	1	0	21.00	21.45	21.43			
5	16QAM	1	12	21.19	21.31	21.20	22.8		
5	16QAM	1	24	21.43	21.35	21.43			
5	16QAM	12	0	20.43	20.21	20.07			
5	16QAM	12	7	20.20	20.30	20.43			
5	16QAM	12	13	20.18	20.29	20.20	22		
5	16QAM	25	0	20.26	20.40	20.39			
5	64QAM	1	0	20.36	20.35	20.15			
5	64QAM	1	12	20.29	20.40	20.21			
5	64QAM	1	24	20.45	20.38	20.29	21		
5	64QAM	12	0	19.41	19.24	19.15			
5	64QAM	12	7	19.47	19.22	19.16			
5	64QAM	12	13	19.34	19.34	19.32			
5	64QAM	25	0	19.44	19.51	19.32	19		
5	256QAM	1	0	17.34	17.06	17.42			
5	256QAM	1	12	17.53	17.37	17.40			
5	256QAM	1	24	17.23	17.09	17.50			
5	256QAM	12	0	17.39	17.42	17.44	19		
5	256QAM	12	7	17.45	17.20	17.08			
5	256QAM	12	13	17.17	17.38	17.35			
5	256QAM	25	0	17.65	17.45	17.42			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	21.44	21.55	21.59	22.8		
3	QPSK	1	8	21.25	21.44	21.31			
3	QPSK	1	14	21.11	21.29	21.26			
3	QPSK	8	0	21.46	21.47	21.40			
3	QPSK	8	4	21.11	21.53	21.43	22.8		
3	QPSK	8	7	21.24	21.20	21.23			
3	QPSK	15	0	21.18	21.46	21.33			
3	16QAM	1	0	20.99	21.39	21.46			
3	16QAM	1	8	21.17	21.30	21.15	22.8		
3	16QAM	1	14	21.41	21.39	21.47			
3	16QAM	8	0	20.39	20.19	20.07			
3	16QAM	8	4	20.21	20.29	20.41			
3	16QAM	8	7	20.19	20.23	20.18	22		
3	16QAM	15	0	20.26	20.30	20.39			
3	64QAM	1	0	20.41	20.36	20.05			
3	64QAM	1	8	20.32	20.36	20.26			
3	64QAM	1	14	20.49	20.37	20.30	21		
3	64QAM	8	0	19.42	19.27	19.14			
3	64QAM	8	4	19.46	19.22	19.18			
3	64QAM	8	7	19.37	19.38	19.30			
3	64QAM	15	0	19.41	19.52	19.31	19		
3	256QAM	1	0	17.36	17.33	17.40			
3	256QAM	1	8	17.54	17.42	17.38			
3	256QAM	1	14	17.24	17.10	17.51			
3	256QAM	8	0	17.40	17.44	17.43	19		
3	256QAM	8	4	17.43	17.18	17.07			
3	256QAM	8	7	17.16	17.41	17.34			
3	256QAM	15	0	17.61	17.44	17.40			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	21.16	21.24	21.24	22.8		
1.4	QPSK	1	3	21.03	21.32	21.12			
1.4	QPSK	1	5	21.02	21.47	21.04			
1.4	QPSK	3	0	21.10	21.37	21.00			
1.4	QPSK	3	1	21.11	21.35	21.31	22.8		
1.4	QPSK	3	3	21.04	21.32	21.23			
1.4	QPSK	6	0	21.22	21.32	21.35			
1.4	16QAM	1	0	20.94	21.22	21.36			
1.4	16QAM	1	3	21.00	21.08	21.01	22.8		
1.4	16QAM	1	5	21.04	21.30	21.39			
1.4	16QAM	3	0	20.93	21.33	21.27			
1.4	16QAM	3	1	21.21	21.00	20.99			
1.4	16QAM	3	3	21.16	21.36	21.41	22		
1.4	16QAM	6	0	20.24	20.26	20.14			
1.4	64QAM	1	0	20.45	20.45	20.24			
1.4	64QAM	1	3	20.32	20.35	20.20			
1.4	64QAM	1	5	20.30	20.21	20.35	21		
1.4	64QAM	3	0	20.12	20.22	20.21			
1.4	64QAM	3	1	20.27	20.22	20.08			
1.4	64QAM	3	3	20.31	20.32	20.17			
1.4	64QAM	6	0	19.53	19.30	19.24	19		
1.4	256QAM	1	0	17.42	17.32	17.27			
1.4	256QAM	1	3	17.51	17.49	17.37			
1.4	256QAM	1	5	17.33	17.24	17.45			
1.4	256QAM	3	0	17.29	17.22	17.34	19		
1.4	256QAM	3	1	17.34	17.07	17.19			
1.4	256QAM	3	3	17.23	17.41	17.21			
1.4	256QAM	6	0	17.45	17.28	17.18			

Reduced Power Mode for DSI6_Other Path									
Band 5 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	22.60	22.79	22.58	24	0	
10	QPSK	1	25	22.55	22.56	22.60			
10	QPSK	1	49	22.60	22.54	22.66			
10	QPSK	25	0	21.75	21.76	21.64	23	1	
10	QPSK	25	12	21.66	21.64	21.74			
10	QPSK	25	25	21.64	21.64	21.65			
10	QPSK	50	0	21.49	21.81	21.64	23	1	
10	16QAM	1	0	21.55	21.86	21.67			
10	16QAM	1	25	21.64	21.52	21.76			
10	16QAM	1	49	21.76	21.56	21.70	22	2	
10	16QAM	25	0	20.79	20.74	20.43			
10	16QAM	25	12	20.68	20.68	20.68			
10	16QAM	25	25	20.74	20.50	20.49	22	2	
10	16QAM	50	0	20.68	20.52	20.74			
10	64QAM	1	0	20.66	20.81	20.53	22	2	
10	64QAM	1	25	20.70	20.58	20.63			
10	64QAM	1	49	20.75	20.45	20.53			
10	64QAM	25	0	19.65	19.54	19.43	21	3	
10	64QAM	25	12	19.66	19.54	19.78			
10	64QAM	25	25	19.56	19.67	19.55			
10	64QAM	50	0	19.62	19.39	19.71	19	5	
10	256QAM	1	0	17.68	17.76	17.57			
10	256QAM	1	25	17.80	17.80	17.82			
10	256QAM	1	49	17.79	17.52	17.84	19	5	
10	256QAM	25	0	17.56	17.66	17.69			
10	256QAM	25	12	17.87	17.51	17.74			
10	256QAM	25	25	17.68	17.45	17.75	19		
10	256QAM	50	0	17.64	17.68	17.80			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	22.31	22.59	22.32	24	0	
5	QPSK	1	12	22.26	22.42	22.38			
5	QPSK	1	24	22.46	22.37	22.39			
5	QPSK	12	0	21.57	21.60	21.52	23	1	
5	QPSK	12	7	21.44	21.37	21.52			
5	QPSK	12	13	21.40	21.44	21.38			
5	QPSK	25	0	21.20	21.65	21.43	23	1	
5	16QAM	1	0	21.44	21.69	21.42			
5	16QAM	1	12	21.47	21.28	21.53			
5	16QAM	1	24	21.57	21.39	21.42	22	2	
5	16QAM	12	0	20.56	20.62	20.28			
5	16QAM	12	7	20.40	20.45	20.48			
5	16QAM	12	13	20.60	20.25	20.33	22	2	
5	16QAM	25	0	20.53	20.37	20.48			
5	64QAM	1	0	20.38	20.55	20.41			
5	64QAM	1	12	20.48	20.41	20.37	22	2	
5	64QAM	1	24	20.59	20.30	20.33			
5	64QAM	12	0	19.44	19.37	19.19			
5	64QAM	12	7	19.39	19.39	19.59	21	3	
5	64QAM	12	13	19.34	19.48	19.34			
5	64QAM	25	0	19.35	19.20	19.56			
5	256QAM	1	0	17.43	17.55	17.35	19	5	
5	256QAM	1	12	17.56	17.60	17.60			
5	256QAM	1	24	17.66	17.35	17.66			
5	256QAM	12	0	17.28	17.43	17.48	19	5	
5	256QAM	12	7	17.61	17.34	17.57			
5	256QAM	12	13	17.46	17.32	17.57			
5	256QAM	25	0	17.47	17.42	17.57			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	22.43	22.58	22.36	24	0	
3	QPSK	1	8	22.37	22.38	22.32			
3	QPSK	1	14	22.33	22.29	22.50			
3	QPSK	8	0	21.50	21.47	21.45	23	1	
3	QPSK	8	4	21.49	21.41	21.46			
3	QPSK	8	7	21.49	21.49	21.42			
3	QPSK	15	0	21.33	21.66	21.35	23	1	
3	16QAM	1	0	21.41	21.68	21.41			
3	16QAM	1	8	21.36	21.24	21.48			
3	16QAM	1	14	21.60	21.39	21.59	22	2	
3	16QAM	8	0	20.64	20.55	20.24			
3	16QAM	8	4	20.52	20.52	20.48			
3	16QAM	8	7	20.49	20.25	20.37	22	2	
3	16QAM	15	0	20.45	20.27	20.63			
3	64QAM	1	0	20.50	20.61	20.29			
3	64QAM	1	8	20.54	20.41	20.42	22	2	
3	64QAM	1	14	20.57	20.28	20.37			
3	64QAM	8	0	19.38	19.40	19.32			
3	64QAM	8	4	19.50	19.41	19.53	21	3	
3	64QAM	8	7	19.45	19.54	19.33			
3	64QAM	15	0	19.51	19.19	19.43			
3	256QAM	1	0	17.52	17.49	17.31	19	5	
3	256QAM	1	8	17.53	17.53	17.70			
3	256QAM	1	14	17.65	17.38	17.65			
3	256QAM	8	0	17.27	17.48	17.53	19	5	
3	256QAM	8	4	17.58	17.25	17.60			
3	256QAM	8	7	17.49	17.32	17.61			
3	256QAM	15	0	17.46	17.42	17.68			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	22.37	22.53	22.45	24	0	
1.4	QPSK	1	3	22.35	22.31	22.45			
1.4	QPSK	1	5	22.42	22.32	22.52			
1.4	QPSK	3	0	22.26	22.32	22.34	23	1	
1.4	QPSK	3	1	22.46	22.26	22.44			
1.4	QPSK	3	3	22.35	22.66	22.33			
1.4	QPSK	6	0	21.63	21.82	21.61	23	1	
1.4	16QAM	1	0	21.68	21.80	21.53			
1.4	16QAM	1	3	21.51	21.81	21.62			
1.4	16QAM	1	5	21.66	21.75	21.62	23	1	
1.4	16QAM	3	0	21.66	21.71	21.54			
1.4	16QAM	3	1	21.69	21.78	21.50			
1.4	16QAM	3	3	21.64	21.73	21.62	22	2	
1.4	16QAM	6	0	20.62	20.62	20.65			
1.4	64QAM	1	0	20.55	20.74	20.65			
1.4	64QAM	1	3	20.60	20.78	20.66	22	2	
1.4	64QAM	1	5	20.55	20.87	20.60			
1.4	64QAM	3	0	20.51	20.74	20.66			
1.4	64QAM	3	1	20.60	20.87	20.67	21	3	
1.4	64QAM	3	3	20.52	20.80	20.60			
1.4	64QAM	6	0	19.65	19.81	19.65			
1.4	256QAM	1	0	17.54	17.85	17.57	21	3	
1.4	256QAM	1	3	17.51	17.80	17.50			
1.4	256QAM	1	5	17.61	17.82	17.67			
1.4	256QAM	3	0	17.60	17.87	17.50	19	5	
1.4	256QAM	3	1	17.55	17.72	17.62			
1.4	256QAM	3	3	17.58	17.86	17.67			
1.4	256QAM	6	0	17.61	17.88	17.65	19	5	

Band 7 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	20.80	20.95	20.91	21.8	0	
20	QPSK	1	49	20.83	20.90	20.77			
20	QPSK	1	99	20.72	20.87	20.87			
20	QPSK	50	0	20.87	20.92	20.90			
20	QPSK	50	24	20.80	20.82	20.83	21.8	0	
20	QPSK	50	50	20.84	20.85	20.75			
20	QPSK	100	0	20.87	20.90	20.78			
20	16QAM	1	0	20.83	20.79	20.90			
20	16QAM	1	49	20.86	20.82	20.81	21.8	0	
20	16QAM	1	99	20.84	20.90	20.87			
20	16QAM	50	0	20.72	20.86	20.94			
20	16QAM	50	24	20.82	20.81	20.84			
20	16QAM	50	50	20.87	20.90	20.79	21.8	0	
20	16QAM	100	0	20.73	20.82	20.79			
20	64QAM	1	0	20.73	20.84	20.90			
20	64QAM	1	49	20.80	20.86	20.81			
20	64QAM	1	99	20.83	20.84	20.87	21	0.8	
20	64QAM	50	0	19.57	19.54	19.48			
20	64QAM	50	24	19.56	19.59	19.55			
20	64QAM	50	50	19.58	19.49	19.56			
20	64QAM	100	0	19.69	19.55	19.45	19	2.8	
20	256QAM	1	0	17.54	17.52	17.69			
20	256QAM	1	49	17.52	17.48	17.60			
20	256QAM	1	99	17.80	17.58	17.46			
20	256QAM	50	0	17.34	17.43	17.66	19	2.8	
20	256QAM	50	24	17.53	17.57	17.42			
20	256QAM	50	50	17.38	17.65	17.66			
20	256QAM	100	0	17.43	17.56	17.68			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	20.70	20.87	20.80	21.8	0	
15	QPSK	1	37	20.75	20.78	20.65			
15	QPSK	1	74	20.60	20.74	20.78			
15	QPSK	36	0	20.77	20.79	20.79			
15	QPSK	36	20	20.67	20.75	20.73	21.8	0	
15	QPSK	36	39	20.73	20.78	20.64			
15	QPSK	75	0	20.77	20.79	20.66			
15	16QAM	1	0	20.76	20.72	20.80			
15	16QAM	1	37	20.78	20.72	20.70	21.8	0	
15	16QAM	1	74	20.71	20.78	20.79			
15	16QAM	36	0	20.63	20.77	20.84			
15	16QAM	36	20	20.75	20.71	20.71			
15	16QAM	36	39	20.74	20.81	20.89	21.8	0	
15	16QAM	75	0	20.64	20.71	20.71			
15	64QAM	1	0	20.65	20.74	20.82			
15	64QAM	1	37	20.68	20.75	20.80			
15	64QAM	1	74	20.73	20.71	20.76	21	0.8	
15	64QAM	36	0	19.47	19.45	19.37			
15	64QAM	36	20	19.46	19.47	19.45			
15	64QAM	36	39	19.48	19.41	19.44			
15	64QAM	75	0	19.59	19.44	19.34	19	2.8	
15	256QAM	1	0	17.45	17.44	17.61			
15	256QAM	1	37	17.41	17.37	17.48			
15	256QAM	1	74	17.51	17.50	17.38			
15	256QAM	36	0	17.22	17.35	17.53	19	2.8	
15	256QAM	36	20	17.41	17.49	17.30			
15	256QAM	36	39	17.26	17.55	17.56			
15	256QAM	75	0	17.34	17.43	17.61			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	20.70	20.88	20.82	21.8	0	
10	QPSK	1	25	20.71	20.80	20.69			
10	QPSK	1	49	20.63	20.77	20.78			
10	QPSK	25	0	20.79	20.82	20.79			
10	QPSK	25	12	20.72	20.74	20.75	21.8	0	
10	QPSK	25	25	20.72	20.73	20.64			
10	QPSK	50	0	20.77	20.82	20.70			
10	16QAM	1	0	20.75	20.70	20.83			
10	16QAM	1	25	20.76	20.70	20.69	21.8	0	
10	16QAM	1	49	20.76	20.80	20.77			
10	16QAM	25	0	20.63	20.78	20.81			
10	16QAM	25	12	20.74	20.74	20.72			
10	16QAM	25	25	20.77	20.80	20.68	21.8	0	
10	16QAM	50	0	20.60	20.75	20.71			
10	64QAM	1	0	20.64	20.77	20.80			
10	64QAM	1	25	20.72	20.73	20.83			
10	64QAM	1	49	20.71	20.71	20.77	21	0.8	
10	64QAM	25	0	19.48	19.44	19.37			
10	64QAM	25	12	19.46	19.51	19.42			
10	64QAM	25	25	19.46	19.41	19.47			
10	64QAM	50	0	19.56	19.42	19.37	19	2.8	
10	256QAM	1	0	17.45	17.41	17.62			
10	256QAM	1	25	17.41	17.38	17.50			
10	256QAM	1	49	17.53	17.51	17.34			
10	256QAM	25	0	17.22	17.32	17.57	19	2.8	
10	256QAM	25	12	17.43	17.47	17.29			
10	256QAM	25	25	17.26	17.55	17.56			
10	256QAM	50	0	17.34	17.48	17.60			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	20.73	20.86	20.82	21.8	0	
5	QPSK	1	12	20.73	20.78	20.69			
5	QPSK	1	24	20.64	20.79	20.76			
5	QPSK	12	0	20.76	20.81	20.82			
5	QPSK	12	7	20.70	20.70	20.73	21.8	0	
5	QPSK	12	13	20.72	20.73	20.66			
5	QPSK	25	0	20.76	20.81	20.70			
5	16QAM	1	0	20.73	20.72	20.78			
5	16QAM	1	12	20.76	20.73	20.69	21.8	0	
5	16QAM	1	24	20.71	20.77	20.74			
5	16QAM	12	0	20.61	20.77	20.82			
5	16QAM	12	7	20.73	20.71	20.72			
5	16QAM	12	13	20.75	20.78	20.70	21.8	0	
5	16QAM	25	0	20.65	20.71	20.72			
5	64QAM	1	0	20.60	20.74	20.83			
5	64QAM	1	12	20.68	20.76	20.82			
5	64QAM	1	24	20.75	20.78	20.77	21	0.8	
5	64QAM	12	0	19.49	19.42	19.40			
5	64QAM	12	7	19.46	19.48	19.45			
5	64QAM	12	13	19.48	19.42	19.46			
5	64QAM	25	0	19.58	19.44	19.37	19	2.8	
5	256QAM	1	0	17.42	17.39	17.58			
5	256QAM	1	12	17.41	17.38	17.51			
5	256QAM	1	24	17.48	17.47	17.36			
5	256QAM	12	0	17.24	17.31	17.55	19	2.8	
5	256QAM	12	7	17.44	17.46	17.35			
5	256QAM	12	13	17.31	17.55	17.57			
5	256QAM	25	0	17.33	17.47	17.59			

Band 41 HPUE Ant 1												
BW (MHz)	Modulation	RB Size	RB Offset	Power High MHz Ch / Freq	Power Med MHz Ch / Freq	Power Low MHz Ch / Freq	Power High MHz Ch / Freq	Power Med MHz Ch / Freq	Power Low MHz Ch / Freq	Time-up time (s/min)	MPR (dB)	
Channel												
Frequency (MHz)												
20	QPSK	1	0	23.91	24.12	24.33	24.33	24.55	24.77	24.15		
20	QPSK	1	46	23.91	23.95	24.29	23.92	24.15	24.38	25.7	0	
20	QPSK	1	99	23.85	24.17	24.17	24.02	24.02	24.17			
20	QPSK	1	146	23.83	24.28	24.36	24.28	24.36	24.02			
20	QPSK	50	24	23.90	24.15	24.38	23.86	24.07	24.38	25.7	0	
20	QPSK	50	50	23.78	24.16	24.30	23.92	24.13	24.38			
20	QPSK	100	0	23.87	24.24	24.37	23.85	24.04	24.38			
20	QPSK	100	46	23.72	24.21	24.29	23.82	24.01	24.38	25.7	0	
20	16QAM	1	49	24.05	24.17	24.30	23.86	24.05	24.38			
20	16QAM	1	99	23.88	24.14	24.30	23.84	24.14	24.38			
20	16QAM	50	0	23.33	23.68	23.77	23.68	23.77	23.68	25.7	0.7	
20	16QAM	50	24	23.21	23.64	23.81	23.26	23.43	23.64			
20	16QAM	50	50	23.22	23.57	23.67	23.21	23.46	23.67	25	0.7	
20	16QAM	100	0	23.09	23.58	23.67	23.10	23.46	23.67			
20	16QAM	100	46	23.12	23.56	23.74	23.10	23.45	23.67	25	0.7	
20	16QAM	1	49	23.29	23.85	23.86	23.24	23.43	23.85			
20	16QAM	1	99	23.23	23.51	23.75	23.27	23.54	23.75			
20	16QAM	50	0	22.75	22.79	22.69	22.79	22.69	22.75	24	1.7	
20	16QAM	50	24	22.16	22.68	22.68	22.36	22.58	22.68			
20	16QAM	50	50	22.19	22.65	22.76	22.37	22.44	22.65			
20	16QAM	100	0	22.10	22.67	22.67	22.39	22.40	22.67			
20	256QAM	1	49	20.27	20.69	20.68	20.18	20.55	20.68	22	3.7	
20	256QAM	1	99	20.22	20.69	20.73	20.31	20.48	20.69			
20	256QAM	1	146	20.27	20.62	20.72	20.24	20.43	20.62			
20	256QAM	50	0	20.18	20.58	20.79	20.16	20.52	20.79	22	3.7	
20	256QAM	50	24	20.22	20.69	20.85	20.30	20.43	20.69			
20	256QAM	50	50	20.21	20.64	20.72	20.32	20.35	20.64			
20	256QAM	100	0	20.28	20.50	20.72	20.29	20.31	20.50	22	3.7	
Channel												
Frequency (MHz)												
15	QPSK	1	0	24.02	24.23	24.46	24.06	24.68	24.85	Time-up time (s/min)	MPR (dB)	
15	QPSK	1	0	24.19	24.21	24.35	23.87	24.02	24.02			
15	QPSK	1	37	23.83	24.07	24.18	23.77	23.87	24.07	26	0	
15	QPSK	1	74	23.75	24.05	24.00	23.90	24.09	24.00			
15	QPSK	36	0	23.71	24.15	24.27	23.81	23.98	24.08			
15	QPSK	36	20	23.71	24.04	24.26	23.73	23.86	24.08	25.7	0	
15	QPSK	36	39	24.03	24.07	24.17	23.83	23.98	24.03			
15	QPSK	75	0	23.77	24.12	24.24	23.76	23.96	24.08			
15	QPSK	75	0	24.05	24.13	24.18	23.83	23.91	24.05	25.7	0	
15	QPSK	1	37	23.84	24.09	24.20	23.82	23.95	24.09			
15	16QAM	1	74	23.81	24.18	24.18	23.76	24.06	24.06			
15	16QAM	36	0	23.81	23.54	23.67	23.13	23.44	23.67	25	0.7	
15	16QAM	36	20	23.12	23.58	23.73	23.10	23.45	23.67			
15	16QAM	36	39	24.14	23.46	23.60	23.12	23.32	23.52			
15	16QAM	75	0	23.56	23.48	23.57	23.08	23.38	23.57			
15	16QAM	1	0	23.03	23.47	23.62	23.07	23.29	23.47	25	0.7	
15	16QAM	1	37	23.20	23.44	23.59	23.15	23.34	23.59			
15	16QAM	1	74	23.14	23.40	23.67	23.17	23.43	23.67	26	1.7	
15	16QAM	36	0	22.98	22.99	22.87	22.18	22.31	22.87			
15	16QAM	36	20	22.93	22.65	22.69	22.06	22.27	22.69	24	1.7	
15	16QAM	36	39	22.11	22.57	22.66	22.27	22.35	22.66			
15	16QAM	75	0	22.02	22.58	22.55	22.09	22.42	22.55			
15	256QAM	1	0	20.28	20.47	20.55	20.04	20.26	20.47	22	3.7	
15	256QAM	1	37	20.15	20.43	20.53	20.01	20.39	20.43			
15	256QAM	1	74	20.19	20.48	20.63	20.15	20.33	20.63			
15	256QAM	36	0	20.29	20.42	20.71	20.06	20.39	20.42	22	3.7	
15	256QAM	36	20	20.12	20.63	20.78	20.06	20.38	20.63			
15	256QAM	36	39	20.08	20.57	20.63	20.21	20.25	20.57			
15	256QAM	75	0	20.15	20.44	20.62	20.21	20.39	20.62			
Channel												
Frequency (MHz)												
10	QPSK	1	0	24.19	24.41	24.63	24.43	24.83	25.03	Time-up time (s/min)	MPR (dB)	
10	QPSK	1	0	24.19	24.24	24.38	23.95	24.04	24.06	26	0	
10	QPSK	1	25	23.79	23.87	24.20	23.85	24.06	24.06			
10	QPSK	1	48	23.77	24.08	24.14	23.84	24.06	24.06	25.7	0	
10	QPSK	25	0	23.74	24.18	24.23	23.84	23.95	24.06			
10	QPSK	25	12	23.81	24.08	24.30	23.73	23.99	24.06	25.7	0	
10	QPSK	50	0	24.08	24.29	24.38	23.98	24.19	24.38			
10	QPSK	50	0	23.78	24.14	24.26	23.74	23.93	24.06	25.7	0	
10	16QAM	1	0	24.01	24.11	24.18	23.82	23.94	24.06			
10	16QAM	1	25	23.93	24.06	24.17	23.79	23.93	24.06	25.7	0	
10	16QAM	1	48	23.79	24.07	24.10	23.79	23.93	24.06			
10	16QAM	25	0	23.06	23.55	23.69	23.14	23.40	23.69	25	0.7	
10	16QAM	25	12	23.12	23.54	23.73	23.14	23.31	23.54			
10	16QAM	50	25	23.11	23.46	23.60	23.11	23.29	23.46	24	1.7	
10	16QAM	50	0	23.00	23.51	23.58	23.08	23.39	23.58			
10	16QAM	1	0	23.08	23.46	23.64	23.08	23.31	23.46	22	3.7	
10	16QAM	1	25	23.16	23.46	23.55	23.12	23.25	23.46			
10	16QAM	1	48	23.13	23.44	23.67	23.13	23.46	23.67	25	0.7	
10	16QAM	25	0	22.98	22.90	22.98	22.14	22.39	22.98			
10	16QAM	25	12	22.03	22.96	22.99	22.25	22.25	22.96	24	1.7	
10	16QAM	50	25	22.08	22.98	22.99	22.25	22.25	22.98			
10	16QAM	50	0	22.08	22.98	22.95	22.31	22.29	22.98	22	3.7	
10	256QAM	1	0	20.05	20.50	20.58	20.07	20.44	20.58			
10	256QAM	1	25	20.16	20.51	20.62	20.22	20.40	20.51	22	3.7	
10	256QAM	1	48	20.09	20.52	20.60	20.20	20.31	20.52			
10	256QAM	25	0	20.09	20.50	20.68	20.06	20.41	20.50	22	3.7	
10	256QAM	25	12	20.15	20.58	20.76	20.18	20.38	20.58			
10	256QAM	50	25	20.12	20.53	20.63	20.15	20.35	20.53	22	3.7	
10	256QAM	50	0	20.19	20.42	20.59	20.15	20.44	20.59			
Channel												
Frequency (MHz)												
5	QPSK	1	0	24.18	24.41	24.63	24.43	24.83	25.03	Time-up time (s/min)	MPR (dB)	
5	QPSK	1	12	23.84	23.87	24.21	23.79	24.03	24.03	26	0	
5	QPSK	1	24	23.74	24.08	24.49	23.95	24.05	24.05			
5	QPSK	12	0	23.70	24.18	24.27	23.82	23.94	24.05	25.7	0	
5	QPSK	12	7	23.80	24.08	24.28	23.78	23.95	24.05			
5	QPSK	12	13	23.70	24.06	24.21	23.79	24.01	24.01	25.7	0	
5	QPSK	25	0	24.05	24.16	24.25	23.76	23.94	24.05			
5	QPSK	1	0	24.05	24.10	24.22	23.80	23.99	24.05	26	0	
5	16QAM	1	12	23.97	24.05	24.18	23.79	23.97	24.07	25.7	0	
5	16QAM	1	24	23.79	24.04	24.20	23.76	24.02	24.02			
5	16QAM	12	0	23.09	23.55	23.68	23.15	23.48	23.68	25	0.7	
5	16QAM	12	7	23.13	23.56	23.70	23.18	23.38	23.56			
5	16QAM	12	13	23.12	23.45	23.60	23.11	23.30	23.45	25	0.7	
5	16QAM	25	0	23.09	23.58	23.59	23.11	23.33	23.59			
5	16QAM	1	0	23.04	23.44	23.65	23.12	23.32	23.44	25	0.7	
5	16QAM	1	12	23.18	23.52	23.60	23.12	23.32	23.52			
5	16QAM	12	24	23.15	23.40	23.54	23.18	23.44	23.44	26	1.7	
5	16QAM	12	0	22.09	22.48	22.60	22.20	22.33	22.48			
5	16QAM	12	7	22.94	22.97	22.95	22.27	22.25	22.94	24	1.7	
5	16QAM	12	13	22.11	22.95	22.98	22.28	22.36	22.95			
5	16QAM	25	0	22.09	22.97	23.00	22.28	22.36	22.97	22	3.7	
5	256QAM	1	0	20.05	20.52	20.61	20.04	20.27	20.52	22	3.7	
5	256QAM	1	12	20.16	20.53	20.62	20.20	20.35	20.53			
5	256QAM	12	0	20.15	20.51	20.65	20.12	20.31	20.51	22	3.7	
5	256QAM	12	0	20.05	20.51	20.65	20.06	20.43	20.51			
5	256QAM	12	7	20.14	20.59	20.75	20.20	20.31	20.59	22	3.7	
5	256QAM	12	13	20.13	20.52	20.63	20.20	20.22	20.52			

Band 5 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.04	23.15	22.96	24	0	
10	QPSK	1	25	22.91	22.85	22.80			
10	QPSK	1	49	22.90	23.09	22.82			
10	QPSK	25	0	22.03	22.08	22.01			
10	QPSK	25	12	21.89	21.91	21.71	23	1	
10	QPSK	25	25	21.95	21.95	21.93			
10	QPSK	50	0	22.00	22.02	22.01			
10	16QAM	1	0	21.93	21.85	21.85			
10	16QAM	1	25	21.94	21.88	21.83	23	1	
10	16QAM	1	49	22.20	21.94	22.07			
10	16QAM	25	0	20.78	20.80	20.61			
10	16QAM	25	12	20.85	21.09	20.83			
10	16QAM	25	25	20.65	20.88	20.67	22	2	
10	16QAM	50	0	20.77	20.99	20.77			
10	64QAM	1	0	21.01	20.96	20.75			
10	64QAM	1	25	20.90	21.08	20.89			
10	64QAM	1	49	20.91	20.82	20.85	22	2	
10	64QAM	25	0	19.96	19.93	19.81			
10	64QAM	25	12	19.96	20.02	19.64			
10	64QAM	25	25	20.09	20.02	19.84			
10	64QAM	50	0	20.12	19.93	20.07	21	3	
10	256QAM	1	0	17.99	17.93	18.07			
10	256QAM	1	25	18.00	18.18	17.99			
10	256QAM	1	49	17.81	17.86	17.94			
10	256QAM	25	0	17.75	18.11	17.90	19	5	
10	256QAM	25	12	17.96	17.76	17.72			
10	256QAM	25	25	17.81	17.97	17.91			
10	256QAM	50	0	18.00	18.00	17.85			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	22.93	23.06	22.90	24	0	
5	QPSK	1	12	22.86	22.79	22.75			
5	QPSK	1	24	22.83	23.02	22.79			
5	QPSK	12	0	21.97	22.04	21.99			
5	QPSK	12	7	21.86	21.82	21.62	23	1	
5	QPSK	12	13	21.89	21.95	21.90			
5	QPSK	25	0	21.93	21.98	21.95			
5	16QAM	1	0	21.86	21.79	21.78			
5	16QAM	1	12	21.89	21.84	21.79	23	1	
5	16QAM	1	24	22.15	21.87	21.99			
5	16QAM	12	0	20.70	20.73	20.59			
5	16QAM	12	7	20.77	21.00	20.77			
5	16QAM	12	13	20.59	20.81	20.80	22	2	
5	16QAM	25	0	20.72	20.90	20.67			
5	64QAM	1	0	20.97	20.94	20.66			
5	64QAM	1	12	20.83	21.01	20.83			
5	64QAM	1	24	20.88	20.78	20.81	21	3	
5	64QAM	12	0	19.94	19.86	19.76			
5	64QAM	12	7	19.92	19.95	19.58			
5	64QAM	12	13	20.00	19.94	19.75			
5	64QAM	25	0	20.11	19.93	20.01	19	5	
5	256QAM	1	0	17.96	17.84	17.99			
5	256QAM	1	12	17.94	18.10	17.95			
5	256QAM	1	24	17.77	17.83	17.87			
5	256QAM	12	0	17.70	18.04	17.87	19	5	
5	256QAM	12	7	17.90	17.67	17.67			
5	256QAM	12	13	17.76	17.94	17.91			
5	256QAM	25	0	17.94	17.95	17.81			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	22.94	23.07	22.93	24	0	
3	QPSK	1	8	22.86	22.80	22.76			
3	QPSK	1	14	22.88	23.03	22.80			
3	QPSK	8	0	21.97	22.06	21.99			
3	QPSK	8	4	21.83	21.82	21.64	23	1	
3	QPSK	8	7	21.91	21.94	21.90			
3	QPSK	15	0	21.97	22.01	21.94			
3	16QAM	1	0	21.84	21.78	21.75			
3	16QAM	1	8	21.90	21.81	21.81	23	1	
3	16QAM	1	14	22.15	21.87	21.98			
3	16QAM	8	0	20.70	20.76	20.57			
3	16QAM	8	4	20.78	21.03	20.79			
3	16QAM	8	7	20.63	20.78	20.59	22	2	
3	16QAM	15	0	20.69	20.91	20.68			
3	64QAM	1	0	21.02	20.89	20.69			
3	64QAM	1	8	20.87	21.05	20.86			
3	64QAM	1	14	20.85	20.77	20.84	21	3	
3	64QAM	8	0	19.96	19.89	19.75			
3	64QAM	8	4	19.89	19.98	19.62			
3	64QAM	8	7	20.00	19.97	19.79			
3	64QAM	15	0	20.11	19.88	19.98	19	5	
3	256QAM	1	0	17.92	17.90	18.03			
3	256QAM	1	8	17.95	18.12	17.93			
3	256QAM	1	14	17.77	17.82	17.86			
3	256QAM	8	0	17.67	18.04	17.90	19	5	
3	256QAM	8	4	17.02	17.72	17.68			
3	256QAM	8	7	17.76	17.93	17.89			
3	256QAM	15	0	17.99	18.00	17.82			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	22.96	23.09	22.90	24	0	
1.4	QPSK	1	3	22.85	22.83	22.77			
1.4	QPSK	1	5	22.85	23.03	22.80			
1.4	QPSK	3	0	22.83	22.91	22.72			
1.4	QPSK	3	1	22.84	22.93	22.76	23	1	
1.4	QPSK	3	3	22.79	22.92	22.73			
1.4	QPSK	6	0	21.98	22.12	21.89			
1.4	16QAM	1	0	21.95	22.10	21.88			
1.4	16QAM	1	3	21.94	22.08	21.91	23	1	
1.4	16QAM	1	5	21.95	22.12	21.88			
1.4	16QAM	3	0	21.96	22.11	21.90			
1.4	16QAM	3	1	21.95	22.12	21.88			
1.4	16QAM	3	3	21.95	22.09	21.88	22	2	
1.4	16QAM	6	0	20.97	21.08	20.88			
1.4	64QAM	1	0	20.96	21.08	20.92			
1.4	64QAM	1	3	20.98	21.09	20.92			
1.4	64QAM	1	5	20.96	21.11	20.89	22	2	
1.4	64QAM	3	0	20.95	21.08	20.93			
1.4	64QAM	3	1	20.95	21.08	20.89			
1.4	64QAM	3	3	20.96	21.06	20.93			
1.4	64QAM	6	0	19.94	20.11	19.92	21	3	
1.4	256QAM	1	0	17.94	18.11	17.88			
1.4	256QAM	1	3	17.98	18.08	17.91			
1.4	256QAM	1	5	17.98	18.08	17.89			
1.4	256QAM	3	0	17.95	18.11	17.88	19	5	
1.4	256QAM	3	1	17.95	18.07	17.93			
1.4	256QAM	3	3	17.93	18.11	17.91			
1.4	256QAM	6	0	17.94	18.12	17.88			

Reduced Power Mode for DSI7_Other Path									
Band 5 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	22.60	22.79	22.58	24	0	
10	QPSK	1	25	22.55	22.56	22.60			
10	QPSK	1	49	22.60	22.54	22.66			
10	QPSK	25	0	21.75	21.76	21.64	23	1	
10	QPSK	25	12	21.66	21.64	21.74			
10	QPSK	25	25	21.64	21.64	21.65			
10	QPSK	50	0	21.49	21.81	21.64	23	1	
10	16QAM	1	0	21.55	21.86	21.67			
10	16QAM	1	25	21.64	21.52	21.76			
10	16QAM	1	49	21.76	21.56	21.70	22	2	
10	16QAM	25	0	20.79	20.74	20.43			
10	16QAM	25	12	20.68	20.68	20.68			
10	16QAM	25	25	20.74	20.50	20.49	22	2	
10	16QAM	50	0	20.68	20.52	20.74			
10	64QAM	1	0	20.66	20.81	20.53	22	2	
10	64QAM	1	25	20.70	20.58	20.63			
10	64QAM	1	49	20.75	20.45	20.53			
10	64QAM	25	0	19.65	19.54	19.43	21	3	
10	64QAM	25	12	19.66	19.54	19.78			
10	64QAM	25	25	19.56	19.67	19.55			
10	64QAM	50	0	19.62	19.39	19.71	19	5	
10	256QAM	1	0	17.68	17.76	17.57			
10	256QAM	1	25	17.80	17.80	17.82			
10	256QAM	1	49	17.79	17.52	17.84	19	5	
10	256QAM	25	0	17.56	17.66	17.69			
10	256QAM	25	12	17.87	17.51	17.74			
10	256QAM	25	25	17.68	17.45	17.75	19	5	
10	256QAM	50	0	17.64	17.68	17.80			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	22.31	22.59	22.32	24	0	
5	QPSK	1	12	22.26	22.42	22.38			
5	QPSK	1	24	22.46	22.37	22.39			
5	QPSK	12	0	21.57	21.60	21.52	23	1	
5	QPSK	12	7	21.44	21.37	21.52			
5	QPSK	12	13	21.40	21.44	21.38			
5	QPSK	25	0	21.20	21.65	21.43	23	1	
5	16QAM	1	0	21.44	21.69	21.42			
5	16QAM	1	12	21.47	21.28	21.53			
5	16QAM	1	24	21.57	21.39	21.42	22	2	
5	16QAM	12	0	20.56	20.62	20.28			
5	16QAM	12	7	20.40	20.45	20.48			
5	16QAM	12	13	20.60	20.25	20.33	22	2	
5	16QAM	25	0	20.53	20.37	20.48			
5	64QAM	1	0	20.38	20.55	20.41			
5	64QAM	1	12	20.48	20.41	20.37	22	2	
5	64QAM	1	24	20.59	20.30	20.33			
5	64QAM	12	0	19.44	19.37	19.19			
5	64QAM	12	7	19.39	19.39	19.59	21	3	
5	64QAM	12	13	19.34	19.48	19.34			
5	64QAM	25	0	19.35	19.20	19.56			
5	256QAM	1	0	17.43	17.55	17.35	19	5	
5	256QAM	1	12	17.56	17.60	17.60			
5	256QAM	1	24	17.66	17.35	17.66			
5	256QAM	12	0	17.28	17.43	17.48	19	5	
5	256QAM	12	7	17.61	17.34	17.57			
5	256QAM	12	13	17.46	17.32	17.57			
5	256QAM	25	0	17.47	17.42	17.57			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	22.43	22.58	22.36	24	0	
3	QPSK	1	8	22.37	22.38	22.32			
3	QPSK	1	14	22.33	22.29	22.50			
3	QPSK	8	0	21.50	21.47	21.45	23	1	
3	QPSK	8	4	21.49	21.41	21.46			
3	QPSK	8	7	21.49	21.49	21.42			
3	QPSK	15	0	21.33	21.66	21.35	23	1	
3	16QAM	1	0	21.41	21.68	21.41			
3	16QAM	1	8	21.36	21.24	21.48			
3	16QAM	1	14	21.60	21.39	21.59	22	2	
3	16QAM	8	0	20.64	20.55	20.24			
3	16QAM	8	4	20.52	20.52	20.48			
3	16QAM	8	7	20.49	20.25	20.37	22	2	
3	16QAM	15	0	20.45	20.27	20.63			
3	64QAM	1	0	20.50	20.61	20.29			
3	64QAM	1	8	20.54	20.41	20.42	22	2	
3	64QAM	1	14	20.57	20.28	20.37			
3	64QAM	8	0	19.38	19.40	19.32			
3	64QAM	8	4	19.50	19.41	19.53	21	3	
3	64QAM	8	7	19.45	19.54	19.33			
3	64QAM	15	0	19.51	19.19	19.43			
3	256QAM	1	0	17.52	17.49	17.31	19	5	
3	256QAM	1	8	17.53	17.53	17.70			
3	256QAM	1	14	17.65	17.38	17.65			
3	256QAM	8	0	17.27	17.48	17.53	19	5	
3	256QAM	8	4	17.58	17.25	17.60			
3	256QAM	8	7	17.49	17.32	17.61			
3	256QAM	15	0	17.46	17.42	17.68			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	22.37	22.53	22.45	24	0	
1.4	QPSK	1	3	22.35	22.31	22.45			
1.4	QPSK	1	5	22.42	22.32	22.52			
1.4	QPSK	3	0	22.26	22.32	22.34	23	1	
1.4	QPSK	3	1	22.46	22.26	22.44			
1.4	QPSK	3	3	22.35	22.66	22.33			
1.4	QPSK	6	0	21.63	21.82	21.61	23	1	
1.4	16QAM	1	0	21.68	21.80	21.53			
1.4	16QAM	1	3	21.51	21.81	21.62			
1.4	16QAM	1	5	21.66	21.75	21.62	23	1	
1.4	16QAM	3	0	21.66	21.71	21.54			
1.4	16QAM	3	1	21.69	21.78	21.50			
1.4	16QAM	3	3	21.64	21.73	21.62	22	2	
1.4	16QAM	6	0	20.62	20.62	20.65			
1.4	64QAM	1	0	20.55	20.74	20.65			
1.4	64QAM	1	3	20.60	20.78	20.66	22	2	
1.4	64QAM	1	5	20.55	20.87	20.60			
1.4	64QAM	3	0	20.51	20.74	20.66			
1.4	64QAM	3	1	20.60	20.87	20.67	21	3	
1.4	64QAM	3	3	20.52	20.80	20.60			
1.4	256QAM	1	0	19.65	19.81	19.65			
1.4	256QAM	1	0	17.54	17.85	17.57	19	5	
1.4	256QAM	1	3	17.51	17.80	17.50			
1.4	256QAM	1	5	17.61	17.82	17.67			
1.4	256QAM	3	0	17.60	17.87	17.50	19	5	
1.4	256QAM	3	1	17.55	17.72	17.62			
1.4	256QAM	3	3	17.58	17.86	17.67			
1.4	256QAM	6	0	17.61	17.88	17.65	19	5	

Band 7 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	20.80	20.95	20.91	21.8	0	
20	QPSK	1	49	20.83	20.90	20.77			
20	QPSK	1	99	20.72	20.87	20.87			
20	QPSK	50	0	20.87	20.92	20.90	21.8	0	
20	QPSK	50	24	20.80	20.82	20.83			
20	QPSK	50	50	20.84	20.85	20.75			
20	QPSK	100	0	20.87	20.90	20.78	21.8	0	
20	16QAM	1	0	20.83	20.79	20.90			
20	16QAM	1	49	20.86	20.82	20.81			
20	16QAM	1	99	20.84	20.90	20.87	21.8	0	
20	16QAM	50	0	20.72	20.86	20.94			
20	16QAM	50	24	20.82	20.81	20.84			
20	16QAM	50	50	20.87	20.90	20.79	21.8	0	
20	16QAM	100	0	20.73	20.82	20.79			
20	64QAM	1	0	20.73	20.84	20.90			
20	64QAM	1	49	20.80	20.86	20.81	21.8	0	
20	64QAM	1	99	20.83	20.84	20.87			
20	64QAM	50	0	19.57	19.54	19.48			
20	64QAM	50	24	19.56	19.59	19.55	21	0.8	
20	64QAM	50	50	19.58	19.49	19.56			
20	64QAM	100	0	19.69	19.55	19.45			
20	256QAM	1	0	17.54	17.52	17.69	19	2.8	
20	256QAM	1	49	17.52	17.48	17.60			
20	256QAM	1	99	17.80	17.58	17.46			
20	256QAM	50	0	17.34	17.43	17.66	19	2.8	
20	256QAM	50	24	17.53	17.57	17.42			
20	256QAM	50	50	17.38	17.65	17.66			
20	256QAM	100	0	17.43	17.56	17.68			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	20.70	20.87	20.80	21.8	0	
15	QPSK	1	37	20.75	20.78	20.65			
15	QPSK	1	74	20.60	20.74	20.78			
15	QPSK	36	0	20.77	20.79	20.79	21.8	0	
15	QPSK	36	20	20.67	20.75	20.73			
15	QPSK	36	39	20.73	20.78	20.64			
15	QPSK	75	0	20.77	20.79	20.66	21.8	0	
15	16QAM	1	0	20.76	20.72	20.80			
15	16QAM	1	37	20.78	20.72	20.70			
15	16QAM	1	74	20.71	20.78	20.79	21.8	0	
15	16QAM	36	0	20.63	20.77	20.84			
15	16QAM	36	20	20.75	20.71	20.71			
15	16QAM	36	39	20.74	20.81	20.89	21.8	0	
15	16QAM	75	0	20.64	20.71	20.71			
15	64QAM	1	0	20.65	20.74	20.82			
15	64QAM	1	37	20.68	20.75	20.80	21	0.8	
15	64QAM	1	74	20.73	20.71	20.76			
15	64QAM	36	0	19.47	19.45	19.37			
15	64QAM	36	20	19.46	19.47	19.45	19	2.8	
15	64QAM	36	39	19.48	19.41	19.44			
15	64QAM	75	0	19.59	19.44	19.34			
15	256QAM	1	0	17.45	17.44	17.61	19	2.8	
15	256QAM	1	37	17.41	17.37	17.48			
15	256QAM	1	74	17.51	17.50	17.38			
15	256QAM	36	0	17.22	17.35	17.53	19	2.8	
15	256QAM	36	20	17.41	17.49	17.30			
15	256QAM	36	39	17.26	17.55	17.56			
15	256QAM	75	0	17.34	17.43	17.61			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	20.70	20.88	20.82	21.8	0	
10	QPSK	1	25	20.71	20.80	20.69			
10	QPSK	1	49	20.63	20.77	20.78			
10	QPSK	25	0	20.79	20.82	20.79	21.8	0	
10	QPSK	25	12	20.72	20.74	20.75			
10	QPSK	25	25	20.72	20.73	20.64			
10	QPSK	50	0	20.77	20.82	20.70	21.8	0	
10	16QAM	1	0	20.75	20.70	20.83			
10	16QAM	1	25	20.76	20.70	20.69			
10	16QAM	1	49	20.76	20.80	20.77	21.8	0	
10	16QAM	25	0	20.63	20.78	20.81			
10	16QAM	25	12	20.74	20.74	20.72			
10	16QAM	25	25	20.77	20.80	20.68	21.8	0	
10	16QAM	50	0	20.60	20.75	20.71			
10	64QAM	1	0	20.64	20.77	20.80			
10	64QAM	1	25	20.72	20.73	20.83	21	0.8	
10	64QAM	1	49	20.71	20.71	20.77			
10	64QAM	25	0	19.48	19.44	19.37			
10	64QAM	25	12	19.46	19.51	19.42	19	2.8	
10	64QAM	25	25	19.46	19.41	19.47			
10	64QAM	50	0	19.56	19.42	19.37			
10	256QAM	1	0	17.45	17.41	17.62	19	2.8	
10	256QAM	1	25	17.41	17.38	17.50			
10	256QAM	1	49	17.53	17.51	17.34			
10	256QAM	25	0	17.22	17.32	17.57	19	2.8	
10	256QAM	25	12	17.43	17.47	17.29			
10	256QAM	25	25	17.26	17.55	17.56			
10	256QAM	50	0	17.34	17.48	17.60			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	20.73	20.86	20.82	21.8	0	
5	QPSK	1	12	20.73	20.78	20.69			
5	QPSK	1	24	20.64	20.79	20.76			
5	QPSK	12	0	20.76	20.81	20.82	21.8	0	
5	QPSK	12	7	20.70	20.70	20.73			
5	QPSK	25	0	20.76	20.81	20.70			
5	16QAM	1	0	20.73	20.72	20.78	21.8	0	
5	16QAM	1	12	20.76	20.73	20.69			
5	16QAM	1	24	20.71	20.77	20.74			
5	16QAM	12	0	20.61	20.77	20.82	21.8	0	
5	16QAM	12	7	20.73	20.71	20.72			
5	16QAM	12	13	20.75	20.78	20.70			
5	16QAM	25	0	20.65	20.71	20.72	21.8	0	
5	64QAM	1	0	20.60	20.74	20.83			
5	64QAM	1	12	20.68	20.76	20.82			
5	64QAM	1	24	20.75	20.78	20.77	21	0.8	
5	64QAM	12	0	19.49	19.42	19.40			
5	64QAM	12	7	19.46	19.48	19.45			
5	64QAM	12	13	19.48	19.42	19.46	19	2.8	
5	64QAM	25	0	19.58	19.44	19.37			
5	256QAM	1	0	17.42	17.39	17.58			
5	256QAM	1	12	17.41	17.38	17.51	19	2.8	
5	256QAM	1	24	17.48	17.47	17.36			
5	256QAM	12	0	17.24	17.31	17.55			
5	256QAM	12	7	17.44	17.46	17.35	19	2.8	
5	256QAM	12	13	17.31	17.55	17.57			
5	256QAM	25	0	17.33	17.47	17.59			

Band 38 Ant 1														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Co./Freq	Power Middle Co./Freq	Power High Co./Freq	Time-up (ms) (dBm)	MPR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	2246	2271	2265	24	0						
20	QPSK	1	49	2247	2272	2266								
20	QPSK	1	99	2234	2247	2237								
20	QPSK	50	0	2148	2183	2174								
20	QPSK	50	24	2161	2164	2137	23	1						
20	QPSK	50	50	2147	2144	2176								
20	QPSK	100	0	2174	2188	2144								
20	16QAM	1	0	2146	2135	2161								
20	16QAM	1	49	2126	2159	2161	23	1						
20	16QAM	1	99	2164	2156	2134								
20	16QAM	50	0	2046	2043	2059								
20	16QAM	50	24	2057	2014	2044								
20	16QAM	50	50	2050	2028	2038	22	2						
20	16QAM	100	0	2038	2037	2026								
20	64QAM	1	0	2019	2018	2034								
20	64QAM	1	49	2026	2030	2043								
20	64QAM	1	99	2037	2033	2059	21	3						
20	64QAM	50	0	1937	1936	1948								
20	64QAM	50	24	1938	1944	1921								
20	64QAM	50	50	1938	1924	1959								
20	256QAM	1	0	1743	1743	1733	19	5						
20	256QAM	1	49	1749	1742	1753								
20	256QAM	1	99	1724	1727	1757								
20	256QAM	50	0	1737	1749	1752								
20	256QAM	50	24	1758	1747	1738								
20	256QAM	50	50	1735	1734	1743								
Channel														
Frequency (MHz)														
15	QPSK	1	0	2235	2266	2255	24	0						
15	QPSK	1	37	2239	2264	2243								
15	QPSK	1	74	2219	2234	2228								
15	QPSK	36	0	2134	2171	2164								
15	QPSK	36	0	2134	2163	2164	23	1						
15	QPSK	36	39	2139	2132	2164								
15	QPSK	75	0	2167	2182	2141								
15	16QAM	1	0	2139	2138	2158								
15	16QAM	1	37	2138	2144	2158	23	1						
15	16QAM	1	74	2138	2143	2145								
15	16QAM	36	0	2034	2037	2045								
15	16QAM	36	39	2032	2010	2027								
15	16QAM	75	0	2025	2025	2068	22	2						
15	16QAM	1	0	2025	2025	2068								
15	64QAM	1	37	2018	2015	2038								
15	64QAM	1	74	2032	2031	2058								
15	64QAM	36	0	1926	1926	1958	21	3						
15	64QAM	36	20	1927	1935	1912								
15	64QAM	36	39	1922	1916	1958								
15	64QAM	75	0	1909	1923	1913								
15	256QAM	1	0	1727	1727	1731	19	5						
15	256QAM	1	37	1734	1735	1748								
15	256QAM	1	74	1706	1712	1736								
15	256QAM	36	0	1721	1731	1730								
15	256QAM	36	20	1754	1738	1736	19	5						
15	256QAM	36	39	1731	1730	1737								
15	256QAM	75	0	1764	1764	1765								
15	256QAM	75	0	1764	1764	1765								
Channel														
Frequency (MHz)														
10	QPSK	1	0	2233	2268	2249	24	0						
10	QPSK	1	25	2228	2256	2233								
10	QPSK	49	0	2222	2222	2222								
10	QPSK	25	0	2146	2180	2173								
10	QPSK	25	12	2156	2156	2126	23	1						
10	QPSK	25	25	2136	2126	2158								
10	QPSK	50	0	2159	2184	2131								
10	16QAM	1	0	2128	2128	2148								
10	16QAM	1	25	2155	2149	2155	23	1						
10	16QAM	1	49	2148	2148	2118								
10	16QAM	25	0	2030	2041	2058								
10	16QAM	25	12	2041	2035	2037								
10	16QAM	50	0	2040	2020	2036	22	2						
10	16QAM	50	0	2021	2020	2023								
10	64QAM	1	0	2026	2026	2027								
10	64QAM	1	25	2019	2012	2034								
10	64QAM	1	49	2036	2020	2058	21	3						
10	64QAM	25	0	1922	1922	1926								
10	64QAM	25	12	1936	1935	1938								
10	64QAM	25	25	1936	1939	1943								
10	64QAM	50	0	1916	1939	1915	19	5						
10	256QAM	1	0	1740	1729	1723								
10	256QAM	1	25	1733	1740	1738								
10	256QAM	1	49	1705	1720	1759								
10	256QAM	25	0	1734	1744	1729	19	5						
10	256QAM	25	12	1747	1742	1734								
10	256QAM	25	25	1722	1728	1727								
10	256QAM	50	0	1723	1746	1746								
Channel														
Frequency (MHz)														
5	QPSK	1	0	2238	2269	2250	24	0						
5	QPSK	1	12	2243	2251	2237								
5	QPSK	1	24	2227	2229	2233								
5	QPSK	12	0	2143	2176	2189								
5	QPSK	12	7	2148	2148	2131	23	1						
5	QPSK	12	13	2130	2135	2131								
5	QPSK	25	0	2161	2186	2138								
5	16QAM	1	0	2137	2125	2143								
5	16QAM	1	12	2116	2153	2159	23	1						
5	16QAM	1	24	2148	2140	2149								
5	16QAM	12	0	2033	2029	2049								
5	16QAM	12	7	2049	2010	2037								
5	16QAM	12	13	2042	2022	2024	22	2						
5	16QAM	25	0	2031	2034	2027								
5	64QAM	1	0	2009	2008	2020								
5	64QAM	1	12	2008	2019	2026								
5	64QAM	1	24	2018	2022	2035	22	2						
5	64QAM	12	0	1930	1927	1923								
5	64QAM	12	7	1922	1930	1917								
5	64QAM	12	13	1931	1910	1916								
5	64QAM	25	0	1917	1936	1913	21	3						
5	256QAM	1	0	1726	1724	1732								
5	256QAM	1	12	1737	1728	1738								
5	256QAM	1	24	1716	1709	1717								
5	256QAM	12	0	1734	1733	1727	19	5						
5	256QAM	12	7	1756	1742	1724								
5	256QAM	12	13	1732	1724	1738								
5	256QAM	25	0	1738	1738	1762								

Band 41 Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Co./Freq	Power Low Middle Co./Freq	Power High Middle Co./Freq	Power High Co./Freq	Time-up (ms)	MPR (dB)	
Channel										
Frequency (MHz)				30750	40185	40620	41055	41490		
				2015	2015	2015	2015	2015		
20	QPSK	1	0	2277	2271	2278	2269	2278		
20	QPSK	1	49	2254	2271	2246	2265	2251	24	0
20	QPSK	1	99	2247	2236	2254	2243	2246		
20	QPSK	50	0	2141	2141	2168	2146	2167		
20	QPSK	50	24	2161	2151	2158	2149	2158		
20	QPSK	50	50	2123	2143	2149	2166	2151		
20	QPSK	100	0	2143	2143	2161	2143	2161	23	1
20	16QAM	1	0	2123	2134	2138	2136	2122		
20	16QAM	1	49	2138	2152	2125	2163	2133		
20	16QAM	1	99	2152	2145	2130	2144	2143		
20	16QAM	50	0	2022	2022	2037	2037	2022		
20	16QAM	50	24	2044	2053	2035	2018	2017		
20	16QAM	50	50	2053	2051	2051	2021	2033		
20	16QAM	100	0	2036	2036	2051	2036	2051	22	2
20	16QAM	1	0	2045	2046	2039	2041	2039		
20	16QAM	1	49	2043	2044	2052	2033	2031		
20	16QAM	1	99	2041	2053	2067	2050	2051		
20	16QAM	50	24	1977	1973	1980	1927	1985		
20	16QAM	50	50	1989	1984	1974	1976	1978		
20	16QAM	100	0	1969	1966	1977	1978	1978		
20	256QAM	1	0	1871	1871	1873	1869	1871		
20	256QAM	1	50	1780	1770	1781	1768	1777		
20	256QAM	1	99	1779	1776	1772	1777	1778		
20	256QAM	50	24	1774	1774	1780	1769	1776		
20	256QAM	50	50	1775	1776	1776	1764	1779		
20	256QAM	100	0	1769	1776	1781	1765	1785		
20	256QAM	50	50	1770	1769	1773	1772	1783		
20	256QAM	50	0	1774	1774	1783	1771	1773		
Channel										
Frequency (MHz)				30920	40173	40602	41066	41615	Time-up (ms)	MPR (dB)
				2015	2015	2015	2015	2015		
16	QPSK	1	0	2270	2259	2269	2265	2264		
16	QPSK	1	49	2245	2240	2230	2255	2241	24	0
16	QPSK	1	74	2234	2220	2249	2235	2241		
16	QPSK	36	0	2126	2154	2159	2133	2164		
16	QPSK	36	30	2143	2134	2147	2141	2154		
16	QPSK	36	39	2144	2115	2146	2155	2143		
16	QPSK	75	0	2139	2129	2151	2136	2133		
16	16QAM	1	0	2152	2122	2136	2129	2139		
16	16QAM	1	37	2119	2139	2115	2148	2124		
16	16QAM	1	74	2144	2141	2130	2136	2139		
16	16QAM	36	0	2014	2009	2053	2030	2029		
16	16QAM	36	20	2030	2037	2022	2020	2025		
16	16QAM	36	39	2041	2035	2035	2035	2044		
16	16QAM	75	0	2027	2035	2016	2030	2026		
16	16QAM	75	20	2026	2026	2036	2026	2023		
16	16QAM	1	37	2030	2025	2042	2021	2029		
16	16QAM	1	74	2030	2037	2051	2047	2039		
16	16QAM	36	0	1902	1907	1979	1950	1969		
16	16QAM	36	20	1906	1906	1968	1950	1968		
16	16QAM	36	39	1908	1949	1963	1967	1973		
16	16QAM	75	0	1867	1875	1967	1961	1967		
16	16QAM	75	20	1876	1876	1976	1963	1964		
16	256QAM	1	37	1762	1765	1754	1762	1777	19	5
16	256QAM	1	74	1764	1761	1773	1763	1771		
16	256QAM	36	0	1766	1767	1768	1745	1761		
16	256QAM	36	20	1767	1767	1767	1747	1779		
16	256QAM	36	39	1767	1766	1768	1756	1768		
16	256QAM	75	0	1764	1769	1770	1766	1765		
Channel										
Frequency (MHz)				32601	35647	35933	36399	36855	Time-up (ms)	MPR (dB)
				2015	2015	2015	2015	2015		
16	QPSK	1	0	2269	2255	2272	2267	2265		
16	QPSK	1	25	2236	2267	2253	2248	2242	24	0
16	QPSK	1	49	2236	2251	2238	2227	2230		
16	QPSK	25	0	2131	2162	2157	2140	2166		
16	QPSK	25	12	2149	2138	2152	2147	2157		
16	QPSK	25	39	2120	2128	2139	2147	2144		
16	16QAM	1	0	2127	2138	2156	2133	2129		
16	16QAM	1	50	2112	2117	2124	2126	2105		
16	16QAM	1	25	2134	2136	2109	2153	2121		
16	16QAM	1	49	2134	2139	2126	2137	2132		
16	16QAM	25	0	2010	2018	2041	2019	2028		
16	16QAM	25	12	2026	2051	2033	2056	2034		
16	16QAM	25	39	2050	2040	2040	2027	2019		
16	16QAM	50	0	2018	2034	2007	2026	2019		
16	16QAM	1	0	2038	2023	2024	2024	2020		
16	16QAM	1	25	2038	2038	2038	2026	2028		
16	16QAM	1	49	2033	2013	2046	2046	2048		
16	16QAM	25	0	1973	1971	1970	1963	1973		
16	16QAM	25	12	1961	1957	1973	1959	1976		
16	16QAM	25	39	1957	1947	1969	1969	1961		
16	16QAM	50	0	1962	1962	1970	1964	1966		
16	256QAM	1	0	1771	1760	1764	1761	1764		
16	256QAM	1	25	1768	1761	1765	1761	1773		
16	256QAM	1	49	1764	1758	1776	1751	1763		
16	256QAM	25	0	1763	1763	1763	1753	1777		
16	256QAM	25	12	1764	1770	1765	1749	1770		
16	256QAM	25	39	1764	1752	1768	1772	1781		
16	256QAM	50	0	1761	1758	1768	1756	1764		
Channel										
Frequency (MHz)				36676	40148	40620	41093	41565	Time-up (ms)	MPR (dB)
				2015	2015	2015	2015	2015		
15	QPSK	1	0	2267	2269	2268	2264	2269		
15	QPSK	1	12	2243	2263	2235	2255	2234	24	0
15	QPSK	1	24	2238	2225	2246	2240	2231		
15	QPSK	12	0	2134	2150	2157	2145	2164		
15	QPSK	12	7	2152	2144	2144	2143	2144		
15	QPSK	12	13	2135	2139	2136	2158	2144		
15	QPSK	24	0	2128	2127	2148	2127	2123		
15	16QAM	1	0	2121	2122	2120	2128	2106		
15	16QAM	1	12	2136	2139	2121	2147	2115		
15	16QAM	1	24	2144	2127	2121	2129	2140		
15	16QAM	12	0	2016	2014	2041	2014	2025		
15	16QAM	12	7	2025	2043	2030	2016	2016		
15	16QAM	12	13	2026	2043	2041	2017	2051		
15	16QAM	24	0	2033	2028	2034	2027	2018		
15	16QAM	1	0	2028	2024	2028	2039	2036		
15	16QAM	1	12	2029	2033	2049	2027	2016		
15	16QAM	1	24	2034	2026	2035	2044	2047		
15	16QAM	12	0	1967	1966	1962	1949	1969		
15	16QAM	12	7	1950	1950	1969	1971	1969		
15	16QAM	12	13	1959	1940	1969	1956	1975		
15	16QAM	24	0	1962	1963	1954	1963	1956		
15	256QAM	1	0	1762	1769	1769	1766	1765		
15	256QAM	1	12	1767	1760	1756	1771	1771		
15	256QAM	1	24	1768	1769	1774	1774	1776		
15	256QAM	12	0	1774	1766	1766	1756	1770		
15	256QAM	12	7	1752	1766	1762	1746	1779		
15	256QAM	12	13	1751	1764	1756	1754	1788		
15	256QAM	24	0	1763	1770	1770	1767	1773		

Band 5 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	19.85	19.95	19.82	21.2	0	
10	QPSK	1	25	19.77	19.84	19.87			
10	QPSK	1	49	19.87	19.74	19.62			
10	QPSK	25	0	19.71	19.92	19.77			
10	QPSK	25	12	19.68	19.82	19.82	21.2	0	
10	QPSK	25	25	19.74	19.85	19.89			
10	QPSK	50	0	19.75	19.79	19.67			
10	16QAM	1	0	19.64	19.76	19.66			
10	16QAM	1	25	19.74	19.83	19.73	21.2	0	
10	16QAM	1	49	19.72	19.78	19.76			
10	16QAM	25	0	19.81	19.85	19.67			
10	16QAM	25	12	19.73	19.85	19.75			
10	16QAM	25	25	19.71	19.80	19.88	21.2	0	
10	16QAM	50	0	19.90	19.89	19.80			
10	64QAM	1	0	19.68	19.89	19.75			
10	64QAM	1	25	19.87	19.80	19.90			
10	64QAM	1	49	19.72	19.70	19.80	21	0.2	
10	64QAM	25	0	19.46	19.39	19.19			
10	64QAM	25	12	19.43	19.24	19.37			
10	64QAM	25	25	19.48	19.39	19.35			
10	64QAM	50	0	19.82	19.53	19.52	19	2.2	
10	256QAM	1	0	17.53	17.22	17.41			
10	256QAM	1	25	17.67	17.46	17.44			
10	256QAM	1	49	17.29	17.27	17.51			
10	256QAM	25	0	17.37	17.44	17.40	19	2.2	
10	256QAM	25	12	17.45	17.12	17.22			
10	256QAM	25	25	17.38	17.46	17.54			
10	256QAM	50	0	17.62	17.50	17.34			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	19.80	19.88	19.72	21.2	0	
5	QPSK	1	12	19.71	19.81	19.83			
5	QPSK	1	24	19.81	19.70	19.58			
5	QPSK	12	0	19.71	19.89	19.73			
5	QPSK	12	7	19.63	19.76	19.79	21.2	0	
5	QPSK	12	13	19.67	19.77	19.87			
5	QPSK	25	0	19.67	19.73	19.63			
5	16QAM	1	0	19.65	19.73	19.64			
5	16QAM	1	12	19.67	19.76	19.70	21.2	0	
5	16QAM	1	24	19.70	19.76	19.68			
5	16QAM	12	0	19.76	19.84	19.63			
5	16QAM	12	7	19.69	19.80	19.74			
5	16QAM	12	13	19.65	19.77	19.82	21.2	0	
5	16QAM	25	0	19.85	19.81	19.74			
5	64QAM	1	0	19.66	19.85	19.73			
5	64QAM	1	12	19.80	19.84	19.83			
5	64QAM	1	24	19.63	19.66	19.77	21	0.2	
5	64QAM	12	0	19.38	19.33	19.11			
5	64QAM	12	7	19.39	19.19	19.34			
5	64QAM	12	13	19.46	19.38	19.29			
5	64QAM	25	0	19.74	19.51	19.45	19	2.2	
5	256QAM	1	0	17.45	17.16	17.35			
5	256QAM	1	12	17.62	17.44	17.37			
5	256QAM	1	24	17.23	17.22	17.46			
5	256QAM	12	0	17.29	17.40	17.37	19	2.2	
5	256QAM	12	7	17.39	17.06	17.17			
5	256QAM	12	13	17.31	17.40	17.45			
5	256QAM	25	0	17.58	17.45	17.28			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	19.80	19.93	19.73	21.2	0	
3	QPSK	1	8	19.73	19.83	19.83			
3	QPSK	1	14	19.80	19.68	19.58			
3	QPSK	8	0	19.71	19.86	19.72			
3	QPSK	8	4	19.62	19.76	19.80	21.2	0	
3	QPSK	8	7	19.68	19.75	19.84			
3	QPSK	15	0	19.68	19.76	19.65			
3	16QAM	1	0	19.61	19.76	19.61			
3	16QAM	1	8	19.70	19.77	19.67	21.2	0	
3	16QAM	1	14	19.65	19.70	19.69			
3	16QAM	8	0	19.74	19.80	19.63			
3	16QAM	8	4	19.72	19.77	19.72			
3	16QAM	8	7	19.66	19.77	19.84	21.2	0	
3	16QAM	15	0	19.86	19.82	19.73			
3	64QAM	1	0	19.67	19.83	19.72			
3	64QAM	1	8	19.82	19.87	19.83			
3	64QAM	1	14	19.68	19.63	19.77	21	0.2	
3	64QAM	8	0	19.41	19.33	19.12			
3	64QAM	8	4	19.43	19.20	19.30			
3	64QAM	8	7	19.44	19.38	19.33			
3	64QAM	15	0	19.74	19.52	19.44	19	2.2	
3	256QAM	1	0	17.46	17.12	17.34			
3	256QAM	1	8	17.60	17.44	17.35			
3	256QAM	1	14	17.26	17.20	17.46			
3	256QAM	8	0	17.33	17.40	17.39	19	2.2	
3	256QAM	8	4	17.40	17.07	17.15			
3	256QAM	8	7	17.29	17.41	17.49			
3	256QAM	15	0	17.55	17.45	17.31			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	19.84	19.89	19.77	21.2	0	
1.4	QPSK	1	3	19.69	19.78	19.85			
1.4	QPSK	1	5	19.81	19.69	19.59			
1.4	QPSK	3	0	19.70	19.90	19.72			
1.4	QPSK	3	1	19.59	19.79	19.76	21.2	0	
1.4	QPSK	3	3	19.65	19.81	19.86			
1.4	QPSK	6	0	19.72	19.78	19.63			
1.4	16QAM	1	0	19.59	19.75	19.60			
1.4	16QAM	1	3	19.73	19.77	19.68	21.2	0	
1.4	16QAM	1	5	19.65	19.75	19.69			
1.4	16QAM	3	0	19.79	19.83	19.65			
1.4	16QAM	3	1	19.67	19.80	19.71			
1.4	16QAM	3	3	19.64	19.74	19.79	21.2	0	
1.4	16QAM	6	0	19.86	19.84	19.72			
1.4	64QAM	1	0	19.62	19.85	19.69			
1.4	64QAM	1	3	19.84	19.84	19.86			
1.4	64QAM	1	5	19.65	19.65	19.73	21.2	0	
1.4	64QAM	3	0	19.37	19.33	19.35			
1.4	64QAM	3	1	19.39	19.23	19.34			
1.4	64QAM	3	3	19.44	19.39	19.30			
1.4	64QAM	6	0	19.72	19.47	19.44	21	0.2	
1.4	256QAM	1	0	17.49	17.15	17.39			
1.4	256QAM	1	3	17.60	17.42	17.37			
1.4	256QAM	1	5	17.23	17.21	17.47			
1.4	256QAM	3	0	17.31	17.40	17.38	19	2.2	
1.4	256QAM	3	1	17.35	17.06	17.16			
1.4	256QAM	3	3	17.32	17.43	17.45			
1.4	256QAM	6	0	17.67	17.41	17.30			

Other PA DSI 4&Default Power

Band 7 Ant 4 Other PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.36	22.62	22.53	24	0	
20	QPSK	1	49	22.39	22.44	22.20			
20	QPSK	1	99	22.31	22.32	22.23			
20	QPSK	50	0	21.32	21.57	21.54	23	1	
20	QPSK	50	24	21.47	21.50	21.55			
20	QPSK	50	50	21.34	21.28	21.41			
20	QPSK	100	0	21.54	21.56	21.37	23	1	
20	16QAM	1	0	21.33	21.35	21.51			
20	16QAM	1	49	21.37	21.36	21.32			
20	16QAM	1	99	21.46	21.32	21.37	22	2	
20	16QAM	50	0	20.26	20.32	20.37			
20	16QAM	50	24	20.33	20.27	20.33			
20	16QAM	50	50	20.09	20.31	20.10	22	2	
20	16QAM	100	0	20.29	20.33	20.42			
20	64QAM	1	0	20.27	20.17	20.13			
20	64QAM	1	49	20.05	20.19	20.43	22	2	
20	64QAM	1	99	20.14	20.34	20.42			
20	64QAM	50	0	19.33	19.19	19.17			
20	64QAM	50	24	19.38	19.28	19.07	21	3	
20	64QAM	50	50	19.42	19.17	19.36			
20	64QAM	100	0	19.41	19.15	19.17			
20	256QAM	1	0	17.45	17.09	17.42	19	5	
20	256QAM	1	49	17.07	17.31	17.27			
20	256QAM	1	99	17.48	17.33	17.13			
20	256QAM	50	0	17.13	17.25	17.38	19	5	
20	256QAM	50	24	17.16	17.22	17.21			
20	256QAM	50	50	17.15	17.49	17.53			
20	256QAM	100	0	17.13	17.51	17.57	Channel		
Frequency (MHz)				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	22.31	22.56	22.51	24	0	
15	QPSK	1	37	22.33	22.37	22.14			
15	QPSK	1	74	22.27	22.28	22.15			
15	QPSK	36	0	21.26	21.54	21.47	23	1	
15	QPSK	36	20	21.44	21.46	21.49			
15	QPSK	36	39	21.29	21.25	21.34			
15	QPSK	75	0	21.46	21.54	21.35	23	1	
15	16QAM	1	0	21.25	21.28	21.46			
15	16QAM	1	37	21.34	21.34	21.28			
15	16QAM	1	74	21.39	21.27	21.32	22	2	
15	16QAM	36	0	20.18	20.27	20.34			
15	16QAM	36	20	20.29	20.22	20.30			
15	16QAM	36	39	20.05	20.27	20.05	21	3	
15	16QAM	75	0	20.25	20.29	20.37			
15	64QAM	1	0	20.19	20.10	20.06			
15	64QAM	1	37	20.03	20.13	20.36	22	2	
15	64QAM	1	74	20.08	20.28	20.37			
15	64QAM	36	0	19.26	19.14	19.13			
15	64QAM	36	20	19.34	19.23	19.03	21	3	
15	64QAM	36	39	19.40	19.13	19.34			
15	64QAM	75	0	19.33	19.12	19.15			
15	256QAM	1	0	17.39	17.01	17.39	19	5	
15	256QAM	1	37	17.21	17.29	17.22			
15	256QAM	1	74	17.44	17.31	17.10			
15	256QAM	36	0	17.11	17.21	17.33	19	5	
15	256QAM	36	20	17.12	17.18	17.15			
15	256QAM	36	39	17.12	17.42	17.46			
15	256QAM	75	0	17.05	17.45	17.50	Channel		
Frequency (MHz)				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	22.30	22.56	22.45	24	0	
10	QPSK	1	25	22.37	22.41	22.16			
10	QPSK	1	49	22.27	22.25	22.16			
10	QPSK	25	0	21.26	21.50	21.50	23	1	
10	QPSK	25	12	21.43	21.45	21.50			
10	QPSK	25	25	21.26	21.26	21.33			
10	QPSK	50	0	21.46	21.49	21.34	23	1	
10	16QAM	1	0	21.29	21.30	21.43			
10	16QAM	1	25	21.32	21.30	21.29			
10	16QAM	1	49	21.44	21.24	21.31	22	2	
10	16QAM	25	0	20.19	20.27	20.34			
10	16QAM	25	12	20.29	20.24	20.30			
10	16QAM	25	25	20.05	20.28	20.07	21	3	
10	16QAM	50	0	20.22	20.25	20.37			
10	64QAM	1	0	20.19	20.10	20.08			
10	64QAM	1	25	20.03	20.11	20.40	22	2	
10	64QAM	1	49	20.09	20.30	20.39			
10	64QAM	25	0	19.31	19.11	19.10			
10	64QAM	25	12	19.30	19.25	19.00	21	3	
10	64QAM	25	25	19.37	19.11	19.30			
10	64QAM	50	0	19.34	19.08	19.13			
10	256QAM	1	0	17.41	17.06	17.35	19	5	
10	256QAM	1	25	17.00	17.28	17.25			
10	256QAM	1	49	17.44	17.26	17.10			
10	256QAM	25	0	17.09	17.20	17.35	19	5	
10	256QAM	25	12	17.09	17.16	17.14			
10	256QAM	25	25	17.08	17.44	17.47			
10	256QAM	50	0	17.06	17.45	17.50	Channel		
Frequency (MHz)				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.29	22.59	22.47	24	0	
5	QPSK	1	12	22.34	22.38	22.16			
5	QPSK	1	24	22.27	22.28	22.18			
5	QPSK	12	0	21.27	21.53	21.50	23	1	
5	QPSK	12	7	21.43	21.43	21.52			
5	QPSK	12	13	21.32	21.24	21.35			
5	QPSK	25	0	21.47	21.49	21.35	23	1	
5	16QAM	1	0	21.27	21.28	21.44			
5	16QAM	1	12	21.33	21.28	21.28			
5	16QAM	1	24	21.43	21.29	21.29	22	2	
5	16QAM	12	0	20.20	20.29	20.34			
5	16QAM	12	7	20.26	20.20	20.30			
5	16QAM	12	13	20.06	20.26	20.04	22	2	
5	16QAM	25	0	20.26	20.27	20.39			
5	64QAM	1	0	20.22	20.12	20.10			
5	64QAM	1	12	20.01	20.12	20.37	22	2	
5	64QAM	1	24	20.12	20.27	20.38			
5	64QAM	12	0	19.28	19.15	19.15			
5	64QAM	12	7	19.32	19.26	19.04	21	3	
5	64QAM	12	13	19.35	19.09	19.33			
5	64QAM	25	0	19.36	19.09	19.15			
5	256QAM	1	0	17.40	17.06	17.38	19	5	
5	256QAM	1	12	17.01	17.23	17.21			
5	256QAM	1	24	17.45	17.27	17.07			
5	256QAM	12	0	17.07	17.23	17.32	19	5	
5	256QAM	12	7	17.08	17.18	17.14			
5	256QAM	12	13	17.08	17.46	17.47			
5	256QAM	25	0	17.09	17.43	17.51			

Reduced Power Mode for Other PA DSI2

Band 7 Ant 4 DSI2 Other Pa											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				20850	21100	21350	17.6	0			
Frequency (MHz)				2510	2535	2560					
20	QPSK	1	0	16.32	16.34	16.20	17.6	0			
20	QPSK	1	49	16.09	16.14	16.08					
20	QPSK	1	99	15.88	16.15	16.03					
20	QPSK	50	0	16.02	16.17	15.99	17.6	0			
20	QPSK	50	24	16.10	15.97	16.05					
20	QPSK	50	50	16.00	16.03	16.01					
20	QPSK	100	0	16.14	16.28	16.16	17.6	0			
20	16QAM	1	0	16.11	15.89	15.80					
20	16QAM	1	49	15.87	16.03	15.83					
20	16QAM	1	99	15.96	16.25	15.96	17.6	0			
20	16QAM	50	0	16.22	16.05	15.90					
20	16QAM	50	24	15.85	16.04	15.84					
20	16QAM	50	50	16.05	16.16	16.12	17.6	0			
20	16QAM	100	0	16.07	16.07	15.86					
20	64QAM	1	0	16.09	15.92	15.93	17.6	0			
20	64QAM	1	49	15.95	16.22	16.14					
20	64QAM	1	99	16.11	15.99	15.97					
20	64QAM	50	0	15.83	16.08	16.00	17.6	0			
20	64QAM	50	24	16.12	16.27	16.03					
20	64QAM	50	50	16.14	15.85	15.88					
20	64QAM	100	0	15.93	15.98	16.02	17.6	0			
20	256QAM	1	0	16.10	16.24	16.16					
20	256QAM	1	49	16.08	16.00	15.95					
20	256QAM	1	99	16.02	15.99	16.04	17.6	0			
20	256QAM	50	0	16.11	16.20	16.11					
20	256QAM	50	24	16.14	15.84	15.86					
20	256QAM	50	50	16.06	15.94	15.93	17.6	0			
20	256QAM	100	0	16.01	16.06	15.99					
Channel				20825	21100	21375	17.6	0			
Frequency (MHz)				2507.5	2535	2562.5					
15	QPSK	1	0	16.29	16.27	16.14	17.6	0			
15	QPSK	1	37	16.07	16.07	16.01					
15	QPSK	1	74	15.81	16.09	15.99					
15	QPSK	36	0	15.96	16.12	15.93	17.6	0			
15	QPSK	36	20	16.06	15.90	15.97					
15	QPSK	36	39	15.95	15.99	15.97					
15	QPSK	75	0	16.07	16.21	16.11	17.6	0			
15	16QAM	1	0	16.05	15.81	15.78					
15	16QAM	1	37	15.79	15.95	15.76					
15	16QAM	1	74	15.94	16.20	15.93	17.6	0			
15	16QAM	36	0	16.19	15.99	15.86					
15	16QAM	36	20	15.81	15.97	15.81					
15	16QAM	36	39	16.02	16.09	16.08	17.6	0			
15	16QAM	75	0	16.04	16.04	15.81					
15	64QAM	1	0	16.06	15.88	15.89					
15	64QAM	1	37	15.89	16.17	16.06	17.6	0			
15	64QAM	1	74	16.05	15.92	15.93					
15	64QAM	36	0	15.76	16.04	15.94					
15	64QAM	36	20	16.07	16.22	16.01	17.6	0			
15	64QAM	36	39	16.09	15.83	15.82					
15	64QAM	75	0	15.91	15.94	15.97					
15	256QAM	1	0	16.04	16.18	16.08	17.6	0			
15	256QAM	1	37	16.05	15.98	15.92					
15	256QAM	1	74	15.99	15.93	16.01					
15	256QAM	36	0	16.07	16.16	16.06	17.6	0			
15	256QAM	36	20	16.06	15.82	15.80					
15	256QAM	36	39	16.03	15.90	15.88					
15	256QAM	75	0	15.94	16.00	15.94	17.6	0			
Channel				20800	21100	21400					
Frequency (MHz)				2505	2535	2565	17.6	0			
10	QPSK	1	0	16.27	16.29	16.16				17.6	
10	QPSK	1	25	16.02	16.10	16.05					
10	QPSK	1	49	15.81	16.12	15.96					
10	QPSK	25	0	16.00	16.10	15.93	17.6	0			
10	QPSK	25	12	16.07	15.95	15.98					
10	QPSK	25	25	15.97	15.97	15.95					
10	QPSK	50	0	16.08	16.25	16.11	17.6	0			
10	16QAM	1	0	16.03	15.87	15.74					
10	16QAM	1	25	15.83	15.96	15.79					
10	16QAM	1	49	15.88	16.21	15.93	17.6	0			
10	16QAM	25	0	16.18	15.98	15.84					
10	16QAM	25	12	15.79	15.98	15.78					
10	16QAM	25	25	16.02	16.11	16.06	17.6	0			
10	16QAM	50	0	16.01	15.99	15.80					
10	64QAM	1	0	16.01	15.89	15.87					
10	64QAM	1	25	15.91	16.14	16.07	17.6	0			
10	64QAM	1	49	16.04	15.94	15.90					
10	64QAM	25	0	15.77	16.04	15.98					
10	64QAM	25	12	16.06	16.22	15.99	17.6	0			
10	64QAM	25	25	16.09	15.78	15.82					
10	64QAM	50	0	15.86	15.95	15.97					
10	256QAM	1	0	16.08	16.20	16.12	17.6	0			
10	256QAM	1	25	16.01	15.94	15.90					
10	256QAM	1	49	16.00	15.95	16.01					
10	256QAM	25	0	16.08	16.13	16.04	17.6	0			
10	256QAM	25	12	16.09	15.76	15.79					
10	256QAM	25	25	16.00	15.90	15.88					
10	256QAM	50	0	15.99	16.02	15.93	17.6	0			
Channel				20775	21100	21425					
Frequency (MHz)				2502.5	2535	2567.5	17.6	0			
5	QPSK	1	0	16.28	16.28	16.16				17.6	
5	QPSK	1	12	16.05	16.10	16.03					
5	QPSK	1	24	15.81	16.09	16.01					
5	QPSK	12	0	16.00	16.13	15.92	17.6	0			
5	QPSK	12	7	16.07	15.92	15.98					
5	QPSK	12	13	15.96	15.98	15.97					
5	QPSK	25	0	16.07	16.26	16.09	17.6	0			
5	16QAM	1	0	16.05	15.87	15.74					
5	16QAM	1	12	15.80	16.00	15.78					
5	16QAM	1	24	15.93	16.19	15.92	17.6	0			
5	16QAM	12	0	16.20	16.01	15.83					
5	16QAM	12	7	15.79	15.99	15.81					
5	16QAM	12	13	16.01	16.09	16.10	17.6	0			
5	16QAM	25	0	16.04	16.00	15.82					
5	64QAM	1	0	16.03	15.90	15.88					
5	64QAM	1	12	15.88	16.19	16.11	17.6	0			
5	64QAM	1	24	16.06	15.95	15.93					
5	64QAM	12	0	15.80	16.02	15.97					
5	64QAM	12	7	16.07	16.21	16.00	17.6	0			
5	64QAM	12	13	16.12	15.81	15.80					
5	64QAM	25	0	15.89	15.93	15.94					
5	256QAM	1	0	16.06	16.18	16.09	17.6	0			
5	256QAM	1	12	16.00	15.96	15.93					
5	256QAM	1	24	15.95	15.94	16.01					
5	256QAM	12	0	16.03	16.14	16.08	17.6	0			
5	256QAM	12	7	16.08	15.80	15.79					
5	256QAM	12	13	16.01	15.89	15.90					
5	256QAM	25	0	15.97	16.00	15.93	17.6	0			
Channel				20750	21100	21450					

Reduced Power Mode for Other PA DSI3

Band 7 Ant 4 Other Pa									
BW [MHz]	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	14.71	14.83	14.65	16.2	0	
20	QPSK	1	49	14.40	14.73	14.58			
20	QPSK	1	99	14.66	14.61	14.64			
20	QPSK	50	0	14.71	14.72	14.55	16.2	0	
20	QPSK	50	24	14.42	14.63	14.71			
20	QPSK	50	50	14.63	14.71	14.48			
20	QPSK	100	0	14.66	14.78	14.64	16.2	0	
20	16QAM	1	0	14.50	14.66	14.46			
20	16QAM	1	49	14.50	14.68	14.54			
20	16QAM	1	99	14.53	14.75	14.73	16.2	0	
20	16QAM	50	0	14.50	14.62	14.45			
20	16QAM	50	24	14.40	14.57	14.65			
20	16QAM	50	50	14.37	14.60	14.56	16.2	0	
20	16QAM	100	0	14.66	14.63	14.53			
20	64QAM	1	0	14.34	14.69	14.65			
20	64QAM	1	49	14.45	14.74	14.54	16.2	0	
20	64QAM	1	99	14.38	14.59	14.65			
20	64QAM	50	0	14.62	14.70	14.49			
20	64QAM	50	24	14.37	14.74	14.57	16.2	0	
20	64QAM	50	50	14.39	14.73	14.51			
20	64QAM	100	0	14.42	14.59	14.49			
20	256QAM	1	0	14.62	14.79	14.45	16.2	0	
20	256QAM	1	49	14.66	14.66	14.50			
20	256QAM	1	99	14.53	14.67	14.52			
20	256QAM	50	0	14.55	14.61	14.66	16.2	0	
20	256QAM	50	24	14.55	14.64	14.70			
20	256QAM	50	50	14.45	14.60	14.44			
20	256QAM	100	0	14.54	14.54	14.53	Channel		
Frequency (MHz)				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	14.68	14.78	14.62			
15	QPSK	1	37	14.33	14.66	14.55	16.2	0	
15	QPSK	1	74	14.69	14.55	14.62			
15	QPSK	36	0	14.66	14.67	14.49			
15	QPSK	36	20	14.36	14.56	14.64	16.2	0	
15	QPSK	36	39	14.61	14.65	14.44			
15	QPSK	75	0	14.62	14.70	14.60			
15	16QAM	1	0	14.44	14.60	14.40	16.2	0	
15	16QAM	1	37	14.42	14.64	14.49			
15	16QAM	1	74	14.45	14.71	14.68			
15	16QAM	36	0	14.46	14.60	14.38	16.2	0	
15	16QAM	36	20	14.36	14.54	14.60			
15	16QAM	36	39	14.33	14.53	14.50			
15	16QAM	75	0	14.48	14.59	14.50	16.2	0	
15	64QAM	1	0	14.30	14.65	14.61			
15	64QAM	1	37	14.41	14.69	14.49			
15	64QAM	1	74	14.34	14.51	14.59	16.2	0	
15	64QAM	36	0	14.48	14.62	14.46			
15	64QAM	36	20	14.33	14.69	14.54			
15	64QAM	36	39	14.32	14.67	14.47	16.2	0	
15	64QAM	75	0	14.39	14.54	14.45			
15	256QAM	1	0	14.44	14.75	14.39			
15	256QAM	1	37	14.51	14.59	14.42	16.2	0	
15	256QAM	1	74	14.45	14.63	14.45			
15	256QAM	36	0	14.48	14.59	14.63			
15	256QAM	36	20	14.52	14.59	14.64	16.2	0	
15	256QAM	36	39	14.41	14.52	14.36			
15	256QAM	75	0	14.48	14.48	14.49			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	14.64	14.77	14.62	16.2	0	
10	QPSK	1	25	14.34	14.66	14.54			
10	QPSK	1	49	14.62	14.59	14.56			
10	QPSK	25	0	14.68	14.67	14.48	16.2	0	
10	QPSK	25	12	14.38	14.58	14.64			
10	QPSK	25	25	14.56	14.64	14.44			
10	QPSK	50	0	14.63	14.70	14.61	16.2	0	
10	16QAM	1	0	14.44	14.59	14.39			
10	16QAM	1	25	14.45	14.61	14.51			
10	16QAM	1	49	14.46	14.72	14.67	16.2	0	
10	16QAM	25	0	14.43	14.57	14.40			
10	16QAM	25	12	14.34	14.51	14.59			
10	16QAM	25	25	14.33	14.55	14.51	16.2	0	
10	16QAM	50	0	14.62	14.60	14.50			
10	64QAM	1	0	14.31	14.67	14.60			
10	64QAM	1	25	14.39	14.66	14.48	16.2	0	
10	64QAM	1	49	14.35	14.54	14.62			
10	64QAM	25	0	14.47	14.67	14.41			
10	64QAM	25	12	14.30	14.71	14.50	16.2	0	
10	64QAM	25	25	14.34	14.68	14.47			
10	64QAM	50	0	14.39	14.54	14.43			
10	256QAM	1	0	14.48	14.74	14.38	16.2	0	
10	256QAM	1	25	14.52	14.60	14.42			
10	256QAM	1	49	14.50	14.62	14.46			
10	256QAM	25	0	14.51	14.57	14.58	16.2	0	
10	256QAM	25	12	14.48	14.57	14.68			
10	256QAM	25	25	14.43	14.53	14.41			
10	256QAM	50	0	14.48	14.49	14.46	Channel		
Frequency (MHz)				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	14.63	14.79	14.57		16.2	
5	QPSK	1	12	14.37	14.68	14.54			
5	QPSK	1	24	14.59	14.54	14.59			
5	QPSK	12	0	14.71	14.64	14.49	16.2	0	
5	QPSK	12	7	14.34	14.60	14.69			
5	QPSK	12	13	14.58	14.65	14.42			
5	QPSK	25	0	14.59	14.72	14.60	16.2	0	
5	16QAM	1	0	14.46	14.62	14.44			
5	16QAM	1	12	14.43	14.64	14.47			
5	16QAM	1	24	14.49	14.71	14.66	16.2	0	
5	16QAM	12	0	14.47	14.56	14.38			
5	16QAM	12	7	14.32	14.52	14.61			
5	16QAM	12	13	14.35	14.57	14.50	16.2	0	
5	16QAM	25	0	14.52	14.57	14.49			
5	64QAM	1	0	14.32	14.64	14.59			
5	64QAM	1	12	14.37	14.72	14.47	16.2	0	
5	64QAM	1	24	14.33	14.53	14.62			
5	64QAM	12	0	14.47	14.65	14.44			
5	64QAM	12	7	14.35	14.67	14.49	16.2	0	
5	64QAM	12	13	14.32	14.68	14.49			
5	64QAM	25	0	14.37	14.56	14.42			
5	256QAM	1	0	14.47	14.73	14.40	16.2	0	
5	256QAM	1	12	14.50	14.59	14.47			
5	256QAM	1	24	14.46	14.64	14.45			
5	256QAM	12	0	14.50	14.54	14.64	16.2	0	
5	256QAM	12	7	14.50	14.59	14.68			
5	256QAM	12	13	14.37	14.57	14.39			
5	256QAM	25	0	14.48	14.49	14.48			

Reduced Power Mode for Other PA DSI6

Band 7 Ant 4 DSI6 Other Pa									
BW [MHz]	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	18.42	18.59	18.38	19.8	0	
20	QPSK	1	49	18.40	18.38	18.39			
20	QPSK	1	99	18.35	18.47	18.37			
20	QPSK	50	0	18.38	18.51	18.34	19.8	0	
20	QPSK	50	24	18.34	18.49	18.32			
20	QPSK	50	50	18.46	18.40	18.39			
20	QPSK	100	0	18.35	18.47	18.36	19.8	0	
20	16QAM	1	0	18.44	18.40	18.33			
20	16QAM	1	49	18.38	18.43	18.35			
20	16QAM	1	99	18.35	18.43	18.35	19.8	0	
20	16QAM	50	0	18.45	18.42	18.30			
20	16QAM	50	24	18.34	18.40	18.37			
20	16QAM	50	50	18.43	18.45	18.38	19.8	0	
20	16QAM	100	0	18.41	18.49	18.38			
20	64QAM	1	0	18.38	18.48	18.37			
20	64QAM	1	49	18.40	18.39	18.40	19.8	0	
20	64QAM	1	99	18.37	18.45	18.41			
20	64QAM	50	0	18.45	18.39	18.29			
20	64QAM	50	24	18.43	18.48	18.33	19.8	0	
20	64QAM	50	50	18.41	18.48	18.40			
20	64QAM	100	0	18.45	18.39	18.33			
20	256QAM	1	0	18.44	18.42	18.36	19.8	0	
20	256QAM	1	49	18.39	18.49	18.39			
20	256QAM	1	99	18.37	18.39	18.36			
20	256QAM	50	0	18.45	18.50	18.39	19.8	0	
20	256QAM	50	24	18.35	18.48	18.33			
20	256QAM	50	50	18.42	18.44	18.32			
20	256QAM	100	0	18.37	18.43	18.31	Channel		
Frequency (MHz)				20825	21100	21375			
				2507.5	2535	2562.5			
15	QPSK	1	0	18.37	18.32	18.33	19.8	0	
15	QPSK	1	37	18.35	18.31	18.34			
15	QPSK	1	74	18.29	18.44	18.29			
15	QPSK	36	0	18.34	18.38	18.28	19.8	0	
15	QPSK	36	20	18.30	18.46	18.29			
15	QPSK	36	39	18.39	18.36	18.37			
15	QPSK	75	0	18.29	18.42	18.34	19.8	0	
15	16QAM	1	0	18.37	18.34	18.25			
15	16QAM	1	37	18.35	18.37	18.31			
15	16QAM	1	74	18.28	18.38	18.31	19.8	0	
15	16QAM	36	0	18.41	18.38	18.27			
15	16QAM	36	20	18.27	18.35	18.34			
15	16QAM	36	39	18.35	18.39	18.30	19.8	0	
15	16QAM	75	0	18.38	18.43	18.34			
15	64QAM	1	0	18.30	18.41	18.32			
15	64QAM	1	37	18.37	18.32	18.35	19.8	0	
15	64QAM	1	74	18.31	18.38	18.39			
15	64QAM	36	0	18.39	18.36	18.25			
15	64QAM	36	20	18.41	18.45	18.26	19.8	0	
15	64QAM	36	39	18.36	18.43	18.35			
15	64QAM	75	0	18.42	18.31	18.30			
15	256QAM	1	0	18.37	18.35	18.30	19.8	0	
15	256QAM	1	37	18.36	18.45	18.36			
15	256QAM	1	74	18.34	18.37	18.31			
15	256QAM	36	0	18.42	18.43	18.36	19.8	0	
15	256QAM	36	20	18.28	18.41	18.25			
15	256QAM	36	39	18.37	18.40	18.24			
15	256QAM	75	0	18.34	18.35	18.27	Channel		
Frequency (MHz)				20800	21100	21400			
				2505	2535	2565			
10	QPSK	1	0	18.40	18.35	18.33	19.8	0	
10	QPSK	1	25	18.34	18.31	18.31			
10	QPSK	1	49	18.28	18.43	18.34			
10	QPSK	25	0	18.32	18.34	18.27	19.8	0	
10	QPSK	25	12	18.31	18.41	18.26			
10	QPSK	25	25	18.44	18.34	18.36			
10	QPSK	50	0	18.31	18.40	18.34	19.8	0	
10	16QAM	1	0	18.36	18.34	18.31			
10	16QAM	1	25	18.33	18.39	18.31			
10	16QAM	1	49	18.32	18.39	18.30	19.8	0	
10	16QAM	25	0	18.40	18.35	18.24			
10	16QAM	25	12	18.31	18.36	18.33			
10	16QAM	25	25	18.40	18.39	18.31	19.8	0	
10	16QAM	50	0	18.35	18.42	18.35			
10	64QAM	1	0	18.33	18.46	18.33			
10	64QAM	1	25	18.33	18.32	18.37	19.8	0	
10	64QAM	1	49	18.31	18.43	18.36			
10	64QAM	25	0	18.39	18.32	18.27			
10	64QAM	25	12	18.40	18.42	18.26	19.8	0	
10	64QAM	25	25	18.36	18.40	18.36			
10	64QAM	50	0	18.37	18.36	18.29			
10	256QAM	1	0	18.40	18.39	18.29	19.8	0	
10	256QAM	1	25	18.36	18.43	18.37			
10	256QAM	1	49	18.33	18.36	18.29			
10	256QAM	25	0	18.39	18.44	18.31	19.8	0	
10	256QAM	25	12	18.33	18.41	18.27			
10	256QAM	25	25	18.39	18.39	18.24			
10	256QAM	50	0	18.30	18.36	18.28	Channel		
Frequency (MHz)				20775	21100	21425			
				2502.5	2535	2567.5			
5	QPSK	1	0	18.37	18.37	18.32	19.8	0	
5	QPSK	1	12	18.32	18.31	18.36			
5	QPSK	1	24	18.28	18.45	18.34			
5	QPSK	12	0	18.30	18.37	18.26	19.8	0	
5	QPSK	12	7	18.28	18.44	18.25			
5	QPSK	12	13	18.43	18.36	18.36			
5	QPSK	25	0	18.31	18.42	18.30	19.8	0	
5	16QAM	1	0	18.41	18.36	18.25			
5	16QAM	1	12	18.33	18.36	18.28			
5	16QAM	1	24	18.30	18.37	18.30	19.8	0	
5	16QAM	12	0	18.41	18.38	18.27			
5	16QAM	12	7	18.30	18.37	18.33			
5	16QAM	12	13	18.36	18.41	18.32	19.8	0	
5	16QAM	25	0	18.33	18.44	18.31			
5	64QAM	1	0	18.32	18.42	18.34			
5	64QAM	1	12	18.33	18.35	18.34	19.8	0	
5	64QAM	1	24	18.33	18.42	18.37			
5	64QAM	12	0	18.41	18.34	18.22			
5	64QAM	12	7	18.39	18.46	18.25	19.8	0	
5	64QAM	12	13	18.38	18.41	18.34			
5	64QAM	25	0	18.39	18.32	18.29			
5	256QAM	1	0	18.40	18.37	18.33	19.8	0	
5	256QAM	1	12	18.33	18.43	18.37			
5	256QAM	1	24	18.30	18.33	18.33			
5	256QAM	12	0	18.41	18.43	18.34	19.8	0	
5	256QAM	12	7	18.28	18.45	18.31			
5	256QAM	12	13	18.37	18.42	18.30			
5	256QAM	25	0	18.35	18.35	18.27			

Reduced Power Mode for Other PA DSI7

Band 7 Ant 4 DSI7 Other Pa									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	14.7	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	13.30	13.41	13.35	14.7	0	
20	QPSK	1	49	13.11	13.32	13.18			
20	QPSK	1	99	13.19	13.19	13.21			
20	QPSK	50	0	13.22	13.30	13.38			
20	QPSK	50	24	13.25	13.22	13.31	14.7	0	
20	QPSK	50	50	13.03	13.32	13.16			
20	QPSK	100	0	13.31	13.27	13.19			
20	16QAM	1	0	13.26	13.25	13.11		14.7	
20	16QAM	1	49	13.22	13.19	13.20	14.7	0	
20	16QAM	1	99	13.13	13.30	13.15			
20	16QAM	50	0	13.17	13.33	13.23			
20	16QAM	50	24	13.22	13.21	13.22	14.7	0	
20	16QAM	50	50	13.15	13.23	13.29			
20	16QAM	100	0	13.26	13.28	13.23			
20	64QAM	1	0	13.21	13.37	13.01	14.7	0	
20	64QAM	1	49	13.13	13.28	13.26			
20	64QAM	1	99	13.14	13.30	13.27			
20	64QAM	50	0	13.13	13.35	13.21		14.7	
20	64QAM	50	24	13.10	13.28	13.18	14.7	0	
20	64QAM	50	50	13.07	13.29	13.26			
20	64QAM	100	0	13.16	13.34	13.12			
20	256QAM	1	0	13.16	13.23	13.10	14.7	0	
20	256QAM	1	49	13.09	13.17	13.12			
20	256QAM	1	99	13.31	13.31	13.20			
20	256QAM	50	0	13.24	13.35	13.20		14.7	
20	256QAM	50	24	13.16	13.33	13.22	14.7	0	
20	256QAM	50	50	13.26	13.33	13.16			
20	256QAM	100	0	13.09	13.35	13.16			
Channel				20825	21100	21375	14.7	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	13.26	13.35	13.31	14.7	0	
15	QPSK	1	37	13.07	13.27	13.10			
15	QPSK	1	74	13.13	13.13	13.17			
15	QPSK	36	0	13.14	13.25	13.34		14.7	
15	QPSK	36	20	13.18	13.19	13.28	14.7	0	
15	QPSK	36	39	12.97	13.26	13.13			
15	QPSK	75	0	13.28	13.21	13.14			
15	16QAM	1	0	13.19	13.20	13.08		14.7	
15	16QAM	1	37	13.18	13.13	13.17	14.7	0	
15	16QAM	1	74	13.10	13.28	13.10			
15	16QAM	36	0	13.12	13.30	13.20			
15	16QAM	36	20	13.16	13.13	13.15	14.7	0	
15	16QAM	36	39	13.07	13.18	13.23			
15	16QAM	75	0	13.23	13.24	13.15			
15	64QAM	1	0	13.13	13.31	12.94	14.7	0	
15	64QAM	1	37	13.07	13.26	13.20			
15	64QAM	1	74	13.06	13.28	13.22			
15	64QAM	36	0	13.07	13.33	13.14		14.7	
15	64QAM	36	20	13.07	13.23	13.13	14.7	0	
15	64QAM	36	39	13.02	13.21	13.18			
15	64QAM	75	0	13.09	13.30	13.05			
15	256QAM	1	0	13.13	13.21	13.03	14.7	0	
15	256QAM	1	37	13.07	13.10	13.10			
15	256QAM	1	74	13.28	13.26	13.13			
15	256QAM	36	0	13.17	13.27	13.16		14.7	
15	256QAM	36	20	13.10	13.27	13.20	14.7	0	
15	256QAM	36	39	13.20	13.31	13.12			
15	256QAM	75	0	13.05	13.33	13.11			
Channel				20800	21100	21400	14.7	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	13.27	13.36	13.31	14.7	0	
10	QPSK	1	25	13.05	13.26	13.11			
10	QPSK	1	49	13.17	13.16	13.15			
10	QPSK	25	0	13.20	13.24	13.35		14.7	
10	QPSK	25	12	13.22	13.14	13.25	14.7	0	
10	QPSK	25	25	12.97	13.29	13.09			
10	QPSK	50	0	13.24	13.24	13.14			
10	16QAM	1	0	13.21	13.19	13.09	14.7	0	
10	16QAM	1	25	13.19	13.13	13.16			
10	16QAM	1	49	13.10	13.25	13.12			
10	16QAM	25	0	13.12	13.28	13.20		14.7	
10	16QAM	25	12	13.19	13.18	13.16	14.7	0	
10	16QAM	25	25	13.12	13.19	13.23			
10	16QAM	50	0	13.24	13.24	13.15			
10	64QAM	1	0	13.14	13.33	12.93	14.7	0	
10	64QAM	1	25	13.05	13.23	13.24			
10	64QAM	1	49	13.07	13.26	13.19			
10	64QAM	25	0	13.09	13.27	13.14		14.7	
10	64QAM	25	12	13.06	13.20	13.14	14.7	0	
10	64QAM	25	25	13.02	13.21	13.20			
10	64QAM	50	0	13.09	13.27	13.06			
10	256QAM	1	0	13.10	13.20	13.07	14.7	0	
10	256QAM	1	25	13.04	13.15	13.10			
10	256QAM	1	49	13.25	13.26	13.13			
10	256QAM	25	0	13.22	13.30	13.16		14.7	
10	256QAM	25	12	13.12	13.27	13.14	14.7	0	
10	256QAM	25	25	13.20	13.28	13.12			
10	256QAM	50	0	13.05	13.27	13.11			
Channel				20775	21100	21425	14.7	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	13.22	13.34	13.20	14.7	0	
5	QPSK	1	12	13.04	13.29	13.14			
5	QPSK	1	24	13.12	13.12	13.19			
5	QPSK	12	0	13.18	13.26	13.31		14.7	
5	QPSK	12	7	13.17	13.15	13.28	14.7	0	
5	QPSK	12	13	12.95	13.28	13.09			
5	QPSK	25	0	13.27	13.22	13.12			
5	16QAM	1	0	13.23	13.22	13.05		14.7	
5	16QAM	1	12	13.19	13.16	13.17	14.7	0	
5	16QAM	1	24	13.09	13.25	13.10			
5	16QAM	12	0	13.10	13.31	13.18			
5	16QAM	12	7	13.19	13.19	13.16	14.7	0	
5	16QAM	12	13	13.10	13.19	13.23			
5	64QAM	1	0	13.18	13.24	13.19			
5	64QAM	1	12	13.10	13.20	13.21	14.7	0	
5	64QAM	1	24	13.11	13.27	13.20			
5	64QAM	12	0	13.11	13.27	13.16			
5	64QAM	12	7	13.03	13.24	13.11		14.7	
5	64QAM	12	13	13.00	13.25	13.20	14.7	0	
5	64QAM	25	0	13.11	13.32	13.06			
5	256QAM	1	0	13.14	13.17	13.05			
5	256QAM	1	12	13.06	13.10	13.07	14.7	0	
5	256QAM	1	24	13.25	13.23	13.16			
5	256QAM	12	0	13.20	13.27	13.16			
5	256QAM	12	7	13.11	13.31	13.19		14.7	
5	256QAM	12	13	13.18	13.29	13.14	14.7	0	
5	256QAM	25	0	13.02	13.28	13.10			

Full & Default Power

n5 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166400	167200	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.15	23.19	23.18	24.0	0.0
20	QPSK	1	53	23.12	23.08	22.98		
20	QPSK	1	104	22.89	22.99	23.02		
20	QPSK	50	0	21.94	22.13	22.16	23.0	1.0
20	QPSK	50	28	23.07	23.08	22.91	24.0	0.0
20	QPSK	50	56	21.91	22.08	22.04	23.0	1.0
20	QPSK	100	0	22.06	22.14	22.03		

n26 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	165400	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	23.45	23.56	23.50	24.0	0.0
20	QPSK	1	53	23.25	23.53	23.36		
20	QPSK	1	104	23.43	23.41	23.31		
20	QPSK	50	0	22.55	22.56	22.43	23.0	1.0
20	QPSK	50	28	23.40	23.50	23.33	24.0	0.0
20	QPSK	50	56	22.41	22.57	22.63	23.0	1.0
20	QPSK	100	0	22.38	22.46	22.46		

n7 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				54000	50700	51000	24.0	0.0
Frequency (MHz)				2590	2635	2650		
40	QPSK	1	1	23.15	23.20	23.01		
40	QPSK	1	108	22.96	22.95	23.08	24.0	0.0
40	QPSK	1	214	22.99	23.08	22.87		
40	QPSK	108	0	21.82	22.09	21.52		
40	QPSK	108	54	22.72	22.94	22.76	23.0	1.0
40	QPSK	108	108	21.90	21.85	22.07		
40	QPSK	216	0	21.99	22.07	21.94		

n38 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996	24.0	0.0
Frequency (MHz)				2590.02	2606	2609.98		
40	PI/2 BPSK	1	1	22.71	22.80	22.74	24.0	0.0
40	PI/2 BPSK	1	53	22.73	22.81	22.78		
40	PI/2 BPSK	1	104	22.73	22.79	22.77	23.5	0.5
40	PI/2 BPSK	50	0	22.25	22.34	22.27		
40	PI/2 BPSK	50	26	22.69	22.76	22.77	24.0	0.0
40	PI/2 BPSK	50	56	22.26	22.33	22.28		
40	PI/2 BPSK	100	0	22.23	22.35	22.28	23.0	1.0
40	QPSK	1	1	22.73	22.84	22.72		
40	QPSK	1	53	22.73	22.77	22.75	24.0	0.0
40	QPSK	1	104	22.69	22.75	22.74		
40	QPSK	50	0	21.79	21.82	21.82	23.0	1.0
40	QPSK	50	26	22.72	22.81	22.73		
40	QPSK	50	56	21.75	21.80	21.79	23.0	1.0
40	QPSK	100	0	21.74	21.83	21.77		
40	16QAM	1	1	21.77	21.83	21.79	23.0	1.0
40	64QAM	1	1	20.21	20.28	20.23		
40	256QAM	1	1	18.25	18.25	18.22	19.5	4.5
Channel				511002	516000	520998		
Frequency (MHz)				2585.01	2596	2600.99	24.0	0.0
30	QPSK	1	1	22.64	22.74	22.63		
Channel				516000	519000	522000	24.0	0.0
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	1	22.65	22.75	22.63	24.0	0.0
Channel				516202	519000	522400		
Frequency (MHz)				2577.51	2596	2612.49	24.0	0.0
15	QPSK	1	1	22.64	22.76	22.64		
Channel				515004	519000	522996	24.0	0.0
Frequency (MHz)				2575.02	2596	2614.98		
10	QPSK	1	1	22.64	22.74	22.63	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	516598	526000	24.0	0.0
Frequency (MHz)				2646.01	2662.99	2660		
100	PI/2 BPSK	1	1	22.71	22.84	22.77	24.0	0.0
100	PI/2 BPSK	1	137	22.74	22.83	22.81		
100	PI/2 BPSK	1	271	22.74	22.79	22.79	23.5	0.5
100	PI/2 BPSK	135	0	22.24	22.35	22.31		
100	PI/2 BPSK	135	69	22.71	22.81	22.79	24.0	0.0
100	PI/2 BPSK	135	138	22.28	22.36	22.31		
100	PI/2 BPSK	270	0	22.25	22.34	22.33	23.5	0.5
100	QPSK	1	1	22.72	22.86	22.81		
100	QPSK	1	137	22.72	22.80	22.75	24.0	0.0
100	QPSK	1	271	22.71	22.79	22.76		
100	QPSK	135	0	21.74	21.88	21.85	23.0	1.0
100	QPSK	135	69	22.65	22.84	22.79		
100	QPSK	135	138	21.74	21.85	21.86	23.0	1.0
100	QPSK	270	0	21.78	21.84	21.81		
100	16QAM	1	1	21.77	21.84	21.82	23.0	1.0
100	64QAM	1	1	20.25	20.36	20.30		
100	256QAM	1	1	18.26	18.35	18.35	19.5	4.5
Channel				506200	516598	526996		
Frequency (MHz)				2641	2662.99	2664.98	24.0	0.0
90	QPSK	1	1	22.56	22.63	22.60		
Channel				507204	516598	526998	24.0	0.0
Frequency (MHz)				2636.02	2662.99	2669.99		
80	QPSK	1	1	22.59	22.62	22.64	24.0	0.0
Channel				506202	516598	531000		
Frequency (MHz)				2631.01	2662.99	2665	24.0	0.0
70	QPSK	1	1	22.61	22.57	22.61		
Channel				505200	516598	531996	24.0	0.0
Frequency (MHz)				2626	2662.99	2669.98		
60	QPSK	1	1	22.60	22.63	22.64	24.0	0.0
Channel				504204	516598	532996		
Frequency (MHz)				2621.02	2662.99	2664.99	24.0	0.0
50	QPSK	1	1	22.63	22.56	22.57		
Channel				503202	516598	534000	24.0	0.0
Frequency (MHz)				2616.01	2662.99	2670		
40	QPSK	1	1	22.62	22.60	22.62	24.0	0.0
Channel				502200	516598	534996		
Frequency (MHz)				2611	2662.99	2674.98	24.0	0.0
30	QPSK	1	1	22.60	22.59	22.64		
Channel				501204	516598	535998	24.0	0.0
Frequency (MHz)				2606.02	2662.99	2679.99		
20	QPSK	1	1	22.63	22.58	22.62	24.0	0.0
Channel				500700	516598	536496		
Frequency (MHz)				2601.5	2662.99	2682.48	24.0	0.0
15	QPSK	1	1	22.61	22.57	22.61		
Channel				500202	516598	537000	24.0	0.0
Frequency (MHz)				2601.01	2662.99	2685		
10	QPSK	1	1	22.63	22.60	22.56	24.0	0.0

Part270 n77 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	21.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	20.13	20.12	19.61	21.0	0.0	
100	PI/2 BPSK	1	137	20.13	20.12	19.61			
100	PI/2 BPSK	1	271	20.13	20.12	19.61			
100	PI/2 BPSK	135	0	19.64	19.72	19.29		0.5	
100	PI/2 BPSK	135	69	20.13	20.19	19.76	21.0	0.0	
100	PI/2 BPSK	135	138	19.63	19.85	19.31			
100	PI/2 BPSK	270	0	19.62	19.78	19.37	21.0	0.0	
100	QPSK	1	1	20.20	20.28	19.80			
100	QPSK	1	137	20.10	20.10	19.73			
100	QPSK	1	271	20.11	20.19	19.75			
100	QPSK	135	0	19.24	19.25	18.97	20.0	1.0	
100	QPSK	135	69	20.07	20.19	19.75			
100	QPSK	135	138	19.11	19.28	18.72	20.0	1.0	
100	QPSK	270	0	19.23	19.25	18.86			
100	16QAM	1	1	19.28	19.35	18.72			
100	64QAM	1	1	17.68	17.72	17.33		2.5	
100	256QAM	1	1	15.66	15.73	15.27	18.5	4.5	
Channel				648668	650000	662334	21.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	20.12	20.19	19.70	21.0	0.0	
Channel				649334	650000	662668	21.0	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	20.11	20.20	19.71	21.0	0.0	
Channel				649000	650000	663000	21.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	20.10	20.18	19.70	21.0	0.0	
Channel				648668	650000	663334	21.0	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	20.10	20.20	19.72	21.0	0.0	
Channel				648334	650000	663668	21.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	20.10	20.20	19.70	21.0	0.0	
Channel				648000	650000	664000	21.0	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	20.12	20.18	19.71	21.0	0.0	
Channel				647668	650000	663334	21.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	20.11	20.18	19.72	21.0	0.0	
Channel				647334	650000	664668	21.0	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	20.11	20.18	19.72	21.0	0.0	
Channel				647000	650000	665000	21.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	20.10	20.20	19.72	21.0	0.0	
Channel				647000	650000	665000	21.0	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	20.10	20.20	19.72	21.0	0.0	

Part270 n77 PC2 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	24.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	23.22	23.37	23.18	24.0	0.0	
100	PI/2 BPSK	1	137	23.20	23.30	23.03			
100	PI/2 BPSK	1	271	23.20	23.40	23.14			
100	PI/2 BPSK	135	0	22.83	22.86	22.78		0.5	
100	PI/2 BPSK	135	69	23.30	23.36	23.17	23.5	0.0	
100	PI/2 BPSK	135	138	22.90	22.92	22.72			
100	PI/2 BPSK	270	0	22.80	22.97	22.69	23.0	1.0	
100	QPSK	1	1	23.35	23.41	23.21			
100	QPSK	1	137	23.28	23.29	23.06			
100	QPSK	1	271	23.19	23.38	23.14			
100	QPSK	135	0	22.42	22.49	22.13	23.0	1.0	
100	QPSK	135	69	23.25	23.27	23.15			
100	QPSK	135	138	22.37	22.38	22.20	23.0	1.0	
100	QPSK	270	0	22.27	22.45	22.27			
100	16QAM	1	1	22.39	22.42	22.16			
100	64QAM	1	1	20.79	20.94	20.75		2.5	
100	256QAM	1	1	18.80	18.91	18.79	19.5	4.5	
Channel				648668	650000	662334	24.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	23.26	23.32	23.13	24.0	0.0	
Channel				649334	650000	662668	24.0	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	23.26	23.33	23.13	24.0	0.0	
Channel				649000	650000	663000	24.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	23.25	23.33	23.12	24.0	0.0	
Channel				648668	650000	663334	24.0	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	23.26	23.31	23.13	24.0	0.0	
Channel				648334	650000	663668	24.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	23.26	23.32	23.11	24.0	0.0	
Channel				648000	650000	664000	24.0	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	23.25	23.33	23.12	24.0	0.0	
Channel				647668	650000	663334	24.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	23.26	23.31	23.11	24.0	0.0	
Channel				647334	650000	664668	24.0	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	23.27	23.32	23.13	24.0	0.0	
Channel				647000	650000	665000	24.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	23.25	23.32	23.12	24.0	0.0	
Channel				647000	650000	665000	24.0	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	23.27	23.33	23.13	24.0	0.0	

Part270 n78 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		19.95				
100	PI/2 BPSK	1	137		20.09		21.0	0.0	
100	PI/2 BPSK	1	271		19.93				
100	PI/2 BPSK	135	0		19.56		20.5	0.5	
100	PI/2 BPSK	135	69		20.17		21.0	0.0	
100	PI/2 BPSK	135	138		19.82				
100	PI/2 BPSK	270	0		19.74		20.5	0.5	
100	QPSK	1	1		20.23				
100	QPSK	1	137		20.08		21.0	0.0	
100	QPSK	1	271		20.05				
100	QPSK	135	0		19.20		20.0	1.0	
100	QPSK	135	69		20.03		21.0	0.0	
100	QPSK	135	138		19.09				
100	QPSK	270	0		19.15		20.0	1.0	
100	16QAM	1	1		19.24		20.0	1.0	
100	64QAM	1	1		17.55		18.5	2.5	
100	256QAM	1	1		15.64		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		20.09	20.13	19.99	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		20.08	20.15	19.98	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		20.10	20.15	19.98	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		20.08	20.14	19.98	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		20.09	20.13	19.99	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		20.09	20.15	19.99	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		20.09	20.14	19.98	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		20.10	20.15	20.00	21.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		20.09	20.13	19.99	21.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		20.05	20.11	20.11	21.0	0.0

Part270 n78 PC2 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		23.38				
100	PI/2 BPSK	1	137		23.11		24.0	0.0	
100	PI/2 BPSK	1	271		23.37				
100	PI/2 BPSK	135	0		22.76		23.5	0.5	
100	PI/2 BPSK	135	69		23.28		24.0	0.0	
100	PI/2 BPSK	135	138		22.77				
100	PI/2 BPSK	270	0		22.90		23.5	0.5	
100	QPSK	1	1		23.38				
100	QPSK	1	137		23.15		24.0	0.0	
100	QPSK	1	271		23.24				
100	QPSK	135	0		22.40		23.0	1.0	
100	QPSK	135	69		23.25		24.0	0.0	
100	QPSK	135	138		22.30				
100	QPSK	270	0		22.28		23.0	1.0	
100	16QAM	1	1		22.34		23.0	1.0	
100	64QAM	1	1		20.79		21.5	2.5	
100	256QAM	1	1		18.80		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		23.13	23.29	23.28	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		23.14	23.30	23.28	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		23.13	23.29	23.26	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		23.14	23.29	23.21	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		23.15	23.30	23.26	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		23.13	23.29	23.27	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		23.13	23.28	23.28	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		23.15	23.30	23.27	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		23.14	23.28	23.27	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		23.14	23.30	23.28	24.0	0.0

n5 Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				830	830.5	830		
20	QPSK	1	1	23.03	23.13	23.10		
20	QPSK	1	53	22.92	23.02	23.08	24.0	0.0
20	QPSK	1	104	22.80	23.01	22.85		
20	QPSK	50	0	22.01	22.00	22.04	23.0	1.0
20	QPSK	50	28	22.97	22.99	22.96	24.0	0.0
20	QPSK	50	56	21.90	21.93	21.76		
20	QPSK	100	0	21.81	21.92	21.79	23.0	1.0
20	16QAM	1	1	21.83	22.11	22.13	23.0	1.0
20	64QAM	1	1	20.43	20.67	20.66	21.5	2.5
20	256QAM	1	1	18.35	18.62	18.50	19.5	4.5
Channel				168300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	830.5	841.5		
15	QPSK	1	1	23.01	23.06	23.00	24.0	0.0
Channel				167500	167500	168500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.00	23.04	23.07	24.0	0.0
Channel				168300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				836.5	836.5	846.5		
5	QPSK	1	1	22.97	23.04	23.01	24.0	0.0

n7 Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.20	22.30	22.20		
40	QPSK	1	108	22.02	22.12	22.29	24.0	0.0
40	QPSK	1	214	22.05	22.34	22.10		
40	QPSK	108	0	21.08	21.23	21.24	23.0	1.0
40	QPSK	108	54	22.07	22.10	22.16	24.0	0.0
40	QPSK	108	108	21.03	21.03	21.05		
40	QPSK	216	0	21.01	21.23	21.08	23.0	1.0
40	16QAM	1	1	21.07	21.34	21.37	23.0	1.0
40	64QAM	1	1	19.95	19.83	19.91	21.5	2.5
40	256QAM	1	1	17.51	17.81	17.51	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.14	22.29	22.11	24.0	0.0
Channel				505500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.17	22.32	22.12	24.0	0.0
Channel				507000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PV2 BPSK	1	1	22.12	22.33	22.14	24.0	0.0
Channel				501500	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2497.5	2534	2562.5		
15	QPSK	1	1	22.15	22.33	22.14	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.10	22.34	22.12	24.0	0.0
Channel				505000	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.13	22.29	22.14	24.0	0.0

n26 Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	23.39	23.52	23.43		
20	QPSK	1	53	23.24	23.27	23.34	24.0	0.0
20	QPSK	1	104	23.07	23.43	23.21		
20	QPSK	50	0	22.43	22.20	22.27	23.0	1.0
20	QPSK	50	28	23.28	23.30	23.28	24.0	0.0
20	QPSK	50	56	22.19	22.33	21.98		
20	QPSK	100	0	22.11	22.19	22.16	23.0	1.0
20	16QAM	1	1	22.16	22.51	22.47	23.0	1.0
20	64QAM	1	1	20.85	21.63	20.80	21.5	2.5
20	256QAM	1	1	18.68	19.08	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	23.32	23.49	23.39	24.0	0.0
Channel				163800	166300	168500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				818	831.5	844		
10	QPSK	1	1	23.30	23.47	23.34	24.0	0.0
Channel				163300	166300	169000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	846.5		
5	QPSK	1	1	23.34	23.47	23.40	24.0	0.0

n38 Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996	24.0	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.05	23.12	23.11	24.0	0.0
40	PI/2 BPSK	1	53	23.09	23.18	23.12		
40	PI/2 BPSK	1	104	23.08	23.13	23.13	23.5	0.5
40	PI/2 BPSK	50	0	22.57	22.66	22.60		
40	PI/2 BPSK	50	26	23.05	23.11	23.12	24.0	0.0
40	PI/2 BPSK	50	56	22.58	22.71	22.65		
40	PI/2 BPSK	100	0	22.56	22.71	22.63	24.0	0.0
40	QPSK	1	1	23.09	23.19	23.10		
40	QPSK	1	53	23.07	23.11	23.12	23.0	1.0
40	QPSK	1	104	23.06	23.07	23.07		
40	QPSK	50	0	22.15	22.19	22.18	24.0	0.0
40	QPSK	50	26	23.05	23.13	23.10		
40	QPSK	50	56	22.08	22.18	22.12	23.0	1.0
40	QPSK	100	0	22.09	22.15	22.12		
40	16QAM	1	1	22.13	22.15	22.16	21.5	2.5
40	64QAM	1	1	20.59	20.61	20.56		
40	256QAM	1	1	18.61	18.63	18.57	19.5	4.5
Channel				517002	518000	520998		
Frequency (MHz)				2585.01	2595	2600.99	24.0	0.0
30	QPSK	1	1	22.99	23.09	23.01		
Channel				516000	519000	522000	24.0	0.0
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.00	23.09	23.02	24.0	0.0
Channel				515500	519000	522000		
Frequency (MHz)				2577.51	2595	2612.49	24.0	0.0
15	QPSK	1	1	23.01	23.11	23.00		
Channel				515004	519000	522996	24.0	0.0
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.00	23.10	23.00	24.0	0.0

n41 Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000	24.0	0.0
Frequency (MHz)				2646.01	2692.99	2740		
100	PI/2 BPSK	1	1	23.03	23.08	23.04	24.0	0.0
100	PI/2 BPSK	1	137	23.06	23.16	23.07		
100	PI/2 BPSK	1	271	23.06	23.09	23.11	23.5	0.5
100	PI/2 BPSK	135	0	22.51	22.64	22.54		
100	PI/2 BPSK	135	69	22.99	23.06	23.05	24.0	0.0
100	PI/2 BPSK	135	138	22.54	22.65	22.57		
100	PI/2 BPSK	270	0	22.51	22.67	22.60	24.0	0.0
100	QPSK	1	1	23.07	23.21	23.06		
100	QPSK	1	137	23.03	23.06	23.08	23.0	1.0
100	QPSK	1	271	23.01	23.04	23.01		
100	QPSK	135	0	22.08	22.15	22.15	24.0	0.0
100	QPSK	135	69	23.01	23.06	23.04		
100	QPSK	135	138	22.02	22.13	22.08	23.0	1.0
100	QPSK	270	0	22.05	22.07	22.06		
100	16QAM	1	1	22.09	22.10	22.14	21.5	2.5
100	64QAM	1	1	20.51	20.58	20.52		
100	256QAM	1	1	18.57	18.56	18.50	19.5	4.5
Channel				505200	518598	529996		
Frequency (MHz)				2641	2692.99	2644.98	24.0	0.0
90	QPSK	1	1	22.99	23.12	22.97		
Channel				507204	518598	529996	24.0	0.0
Frequency (MHz)				2636.02	2692.99	2649.99		
80	QPSK	1	1	22.97	23.11	22.97	24.0	0.0
Channel				505202	518598	531000		
Frequency (MHz)				2631.01	2692.99	2655	24.0	0.0
70	QPSK	1	1	22.98	23.11	22.97		
Channel				505200	518598	531996	24.0	0.0
Frequency (MHz)				2626	2692.99	2659.98		
60	QPSK	1	1	22.97	23.13	22.96	24.0	0.0
Channel				504204	518598	532996		
Frequency (MHz)				2621.02	2692.99	2664.99	24.0	0.0
50	QPSK	1	1	22.99	23.11	22.96		
Channel				503202	518598	534000	24.0	0.0
Frequency (MHz)				2616.01	2692.99	2670		
40	QPSK	1	1	22.99	23.11	22.98	24.0	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2611	2692.99	2674.98	24.0	0.0
30	QPSK	1	1	22.98	23.12	22.97		
Channel				501204	518598	535996	24.0	0.0
Frequency (MHz)				2606.02	2692.99	2679.99		
20	QPSK	1	1	22.98	23.13	22.98	24.0	0.0
Channel				500700	518598	536996		
Frequency (MHz)				2601.5	2692.99	2682.48	24.0	0.0
15	QPSK	1	1	22.99	23.13	22.97		
Channel				500202	518598	537000	24.0	0.0
Frequency (MHz)				2601.01	2692.99	2685		
10	QPSK	1	1	22.84	22.84	22.79	24.0	0.0

Part270 n77 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	24.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	23.03	22.93	23.06	24.0	0.0	
100	PI/2 BPSK	1	137	23.02	23.00	23.08			
100	PI/2 BPSK	1	271	22.96	23.00	22.99			
100	PI/2 BPSK	135	0	22.49	22.62	22.48	23.5	0.5	
100	PI/2 BPSK	135	69	22.84	23.15	23.05			
100	PI/2 BPSK	135	138	22.52	22.72	22.52			
100	PI/2 BPSK	270	0	22.48	22.64	22.58	23.0	1.0	
100	QPSK	1	1	23.11	23.18	23.15			
100	QPSK	1	137	22.95	22.99	22.95			
100	QPSK	1	271	22.96	23.15	22.95	23.0	1.0	
100	QPSK	135	0	22.14	22.19	22.20			
100	QPSK	135	69	22.92	23.04	23.02			
100	QPSK	135	138	21.94	22.15	22.02	23.0	1.0	
100	QPSK	270	0	22.03	22.07	22.02			
100	16QAM	1	1	22.16	22.25	22.16		2.5	
100	64QAM	1	1	20.56	20.54	20.50	21.5	4.5	
100	256QAM	1	1	18.80	18.65	18.57			
Channel				648668	650000	662334	24.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	23.01	23.08	23.05	24.0	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02	24.0	0.0	
80	QPSK	1	1	23.03	23.10	23.06		0.0	
Channel				649000	650000	663000	24.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	23.01	23.10	23.05	24.0	0.0	
Channel				648668	650000	663334		MPR	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	23.03	23.10	23.05	24.0	0.0	
Channel				648334	650000	663668		MPR	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	23.02	23.08	23.06	24.0	0.0	
Channel				648000	650000	664000		MPR	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	23.01	23.10	23.06	24.0	0.0	
Channel				647668	650000	664334		MPR	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	23.02	23.10	23.05	24.0	0.0	
Channel				647334	650000	664668		MPR	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	23.01	23.10	23.05	24.0	0.0	
Channel				647000	650000	665000		MPR	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	23.01	23.09	23.07	24.0	0.0	
Channel				647000	650000	665000		MPR	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	23.03	23.09	23.07	24.0	0.0	

Part270 n77 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	27.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	26.14	26.18	26.17	27.0	0.0	
100	PI/2 BPSK	1	137	26.15	26.13	26.09			
100	PI/2 BPSK	1	271	26.17	26.24	26.11			
100	PI/2 BPSK	135	0	25.70	25.72	25.79	26.5	0.5	
100	PI/2 BPSK	135	69	25.20	26.21	26.24			
100	PI/2 BPSK	135	138	25.71	25.76	25.74			
100	PI/2 BPSK	270	0	25.63	25.87	25.70	26.0	1.0	
100	QPSK	1	1	26.16	26.27	26.19			
100	QPSK	1	137	26.17	26.19	26.19			
100	QPSK	1	271	26.08	26.23	26.04	26.0	1.0	
100	QPSK	135	0	25.30	25.38	25.35			
100	QPSK	135	69	26.07	26.21	26.20			
100	QPSK	135	138	25.34	25.27	25.27	26.0	1.0	
100	QPSK	270	0	25.10	25.32	25.26			
100	16QAM	1	1	25.21	25.31	25.33		2.5	
100	64QAM	1	1	23.69	23.86	23.78	24.5	4.5	
100	256QAM	1	1	21.62	21.86	21.74			
Channel				648668	650000	662334	27.0	MPR	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	26.06	26.17	26.09	27.0	0.0	
Channel				649334	650000	662668		MPR	
Frequency (MHz)				3740.01	3840	3940.02	27.0	0.0	
80	QPSK	1	1	26.06	26.18	26.11		0.0	
Channel				649000	650000	663000	27.0	MPR	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	26.08	26.18	26.11	27.0	0.0	
Channel				648668	650000	663334		MPR	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	26.07	26.19	26.09	27.0	0.0	
Channel				648334	650000	663668		MPR	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	26.08	26.19	26.11	27.0	0.0	
Channel				648000	650000	664000		MPR	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	26.06	26.19	26.09	27.0	0.0	
Channel				647668	650000	664334		MPR	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	26.07	26.19	26.10	27.0	0.0	
Channel				647334	650000	664668		MPR	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	26.06	26.18	26.10	27.0	0.0	
Channel				647000	650000	665000		MPR	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	26.05	26.12	26.05	27.0	0.0	
Channel				647000	650000	665000		MPR	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	26.05	26.11	26.02	27.0	0.0	

Part270 n78 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		22.90				
100	PI/2 BPSK	1	137		22.83		24.0	0.0	
100	PI/2 BPSK	1	271		22.91				
100	PI/2 BPSK	135	0		22.56		23.5	0.5	
100	PI/2 BPSK	135	69		23.11		24.0	0.0	
100	PI/2 BPSK	135	138		22.53				
100	PI/2 BPSK	270	0		22.51		23.5	0.5	
100	QPSK	1	1		23.18				
100	QPSK	1	137		22.96		24.0	0.0	
100	QPSK	1	271		23.13				
100	QPSK	135	0		22.15		23.0	1.0	
100	QPSK	135	69		22.85		24.0	0.0	
100	QPSK	135	138		22.08				
100	QPSK	270	0		21.88		23.0	1.0	
100	16QAM	1	1		22.22		23.0	1.0	
100	64QAM	1	1		20.50		21.5	2.5	
100	256QAM	1	1		18.50		19.5	4.5	
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		22.99	23.06	22.96	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		22.99	23.06	22.97	24.0	0.0
Channel				648000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		23.00	23.07	22.95	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		22.98	23.06	22.96	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		23.00	23.06	22.97	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		22.98	23.06	22.95	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		22.99	23.08	22.95	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		22.98	23.08	22.95	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		22.98	23.07	22.95	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		22.98	23.07	22.97	24.0	0.0

Part270 n78 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		26.00				
100	PI/2 BPSK	1	137		26.11		27.0	0.0	
100	PI/2 BPSK	1	271		26.11				
100	PI/2 BPSK	135	0		25.61		26.5	0.5	
100	PI/2 BPSK	135	69		26.04		27.0	0.0	
100	PI/2 BPSK	135	138		25.67				
100	PI/2 BPSK	270	0		25.75		26.5	0.5	
100	QPSK	1	1		26.21				
100	QPSK	1	137		26.06		27.0	0.0	
100	QPSK	1	271		26.08				
100	QPSK	135	0		25.21		26.0	1.0	
100	QPSK	135	69		26.02		27.0	0.0	
100	QPSK	135	138		25.22				
100	QPSK	270	0		25.14		26.0	1.0	
100	16QAM	1	1		25.21		26.0	1.0	
100	64QAM	1	1		23.79		24.5	2.5	
100	256QAM	1	1		21.80		22.5	4.5	
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		26.07	26.11	26.03	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		26.06	26.13	26.04	27.0	0.0
Channel				648000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		26.05	26.13	26.04	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		26.05	26.11	26.05	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		26.05	26.13	26.05	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		26.06	26.11	26.04	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		26.05	26.12	26.05	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		26.07	26.13	26.03	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		26.08	26.12	26.04	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		26.07	26.12	26.03	27.0	0.0

Part270 n77 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	23.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	21.59	21.52	21.62	23.0	0.0	
100	PI/2 BPSK	1	137	21.59	21.52	21.59			
100	PI/2 BPSK	1	271	21.47	21.57	21.48			
100	PI/2 BPSK	135	0	20.99	21.10	21.02			
100	PI/2 BPSK	135	69	21.47	21.69	21.61	23.0	0.0	
100	PI/2 BPSK	135	138	21.09	21.15	21.03	22.5	0.5	
100	PI/2 BPSK	270	0	21.00	21.07	20.99	23.0	0.0	
100	QPSK	1	1	21.54	21.79	21.86			
100	QPSK	1	137	21.37	21.47	21.41			
100	QPSK	1	271	21.44	21.72	21.51			
100	QPSK	135	0	20.71	20.64	20.71	22.0	1.0	
100	QPSK	135	69	21.48	21.54	21.51	23.0	0.0	
100	QPSK	135	138	20.48	20.57	20.57	22.0	1.0	
100	QPSK	270	0	20.42	20.45	20.43	23.0	0.0	
100	16QAM	1	1	20.73	20.69	20.69			
100	64QAM	1	1	19.02	18.96	19.06			
100	256QAM	1	1	17.07	17.25	17.13			
Channel				648668	650000	662334	23.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	21.46	21.70	21.56	23.0	0.0	
Channel				649334	650000	662668	23.0	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	21.44	21.69	21.57	23.0	0.0	
Channel				649000	650000	663000	23.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	21.44	21.71	21.58	23.0	0.0	
Channel				648668	650000	663334	23.0	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	21.46	21.69	21.58	23.0	0.0	
Channel				648334	650000	663000	23.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	21.45	21.69	21.56	23.0	0.0	
Channel				648000	650000	664000	23.0	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	21.44	21.70	21.58	23.0	0.0	
Channel				647668	650000	663334	23.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	21.45	21.70	21.57	23.0	0.0	
Channel				647334	650000	664668	23.0	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	21.44	21.71	21.56	23.0	0.0	
Channel				647000	650000	665000	23.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	21.45	21.70	21.58	23.0	0.0	
Channel				647000	650000	665000	23.0	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	21.41	21.65	21.49	23.0	0.0	

Part270 n77 PC2 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	26.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	24.66	24.70	24.75	26.0	0.0	
100	PI/2 BPSK	1	137	24.83	24.69	24.78			
100	PI/2 BPSK	1	271	24.74	24.79	24.73			
100	PI/2 BPSK	135	0	24.23	24.27	24.38			
100	PI/2 BPSK	135	69	24.65	24.74	24.84	26.0	0.0	
100	PI/2 BPSK	135	138	24.28	24.36	24.31	25.5	0.5	
100	PI/2 BPSK	270	0	24.19	24.55	24.34	26.0	0.0	
100	QPSK	1	1	24.82	24.88	24.72			
100	QPSK	1	137	24.79	24.87	24.79			
100	QPSK	1	271	24.68	24.75	24.60			
100	QPSK	135	0	23.84	23.89	23.95	25.0	1.0	
100	QPSK	135	69	24.67	24.82	24.80	26.0	0.0	
100	QPSK	135	138	23.86	23.88	23.81	25.0	1.0	
100	QPSK	270	0	23.89	23.98	23.95	26.0	0.0	
100	16QAM	1	1	23.89	23.99	23.90			
100	64QAM	1	1	22.36	22.53	22.46			
100	256QAM	1	1	20.13	20.51	20.33			
Channel				648668	650000	662334	26.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	24.72	24.78	24.63	26.0	0.0	
Channel				649334	650000	662668	26.0	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	24.72	24.78	24.63	26.0	0.0	
Channel				649000	650000	663000	26.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	24.73	24.79	24.63	26.0	0.0	
Channel				648668	650000	663334	26.0	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	24.74	24.80	24.62	26.0	0.0	
Channel				648334	650000	663000	26.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	24.74	24.79	24.64	26.0	0.0	
Channel				648000	650000	664000	26.0	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	24.74	24.78	24.64	26.0	0.0	
Channel				647668	650000	663334	26.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	24.72	24.78	24.62	26.0	0.0	
Channel				647334	650000	664668	26.0	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	24.72	24.80	24.64	26.0	0.0	
Channel				647000	650000	665000	26.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	24.73	24.78	24.64	26.0	0.0	
Channel				647000	650000	665000	26.0	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	24.73	24.79	24.62	26.0	0.0	

Part270 n78 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		21.34				
100	PI/2 BPSK	1	137		21.41		23.0	0.0	
100	PI/2 BPSK	1	271		21.53				
100	PI/2 BPSK	135	0		20.96		22.5	0.5	
100	PI/2 BPSK	135	69		21.50		23.0	0.0	
100	PI/2 BPSK	135	138		20.97				
100	PI/2 BPSK	270	0		20.99		22.5	0.5	
100	QPSK	1	1		21.74				
100	QPSK	1	137		21.30		23.0	0.0	
100	QPSK	1	271		21.55				
100	QPSK	135	0		20.53		22.0	1.0	
100	QPSK	135	69		21.35		23.0	0.0	
100	QPSK	135	138		20.39				
100	QPSK	270	0		20.29		22.0	1.0	
100	16QAM	1	1		20.51		22.0	1.0	
100	64QAM	1	1		18.78		20.5	2.5	
100	256QAM	1	1		17.11		18.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	21.61	21.64	21.61	23.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	21.62	21.65	21.60	23.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	21.61	21.66	21.59	23.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	21.63	21.66	21.59	23.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	21.63	21.66	21.59	23.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	21.62	21.66	21.60	23.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	21.62	21.65	21.60	23.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	21.62	21.66	21.61	23.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	21.61	21.59	21.55	23.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	21.45	21.43	21.45	23.0	0.0	

Part270 n78 PC2 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		24.52				
100	PI/2 BPSK	1	137		24.54		26.0	0.0	
100	PI/2 BPSK	1	271		24.69				
100	PI/2 BPSK	135	0		24.11		25.5	0.5	
100	PI/2 BPSK	135	69		24.55		26.0	0.0	
100	PI/2 BPSK	135	138		24.19				
100	PI/2 BPSK	270	0		24.48		25.5	0.5	
100	QPSK	1	1		24.78				
100	QPSK	1	137		24.76		26.0	0.0	
100	QPSK	1	271		24.72				
100	QPSK	135	0		23.71		25.0	1.0	
100	QPSK	135	69		24.67		26.0	0.0	
100	QPSK	135	138		23.87				
100	QPSK	270	0		23.88		25.0	1.0	
100	16QAM	1	1		23.83		25.0	1.0	
100	64QAM	1	1		22.46		23.5	2.5	
100	256QAM	1	1		20.49		21.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	24.66	24.69	24.61	26.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	24.67	24.70	24.62	26.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	24.65	24.69	24.63	26.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	24.67	24.70	24.62	26.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	24.66	24.68	24.62	26.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	24.66	24.70	24.63	26.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	24.67	24.70	24.62	26.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	24.66	24.70	24.62	26.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	24.67	24.68	24.62	26.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	24.66	24.70	24.63	26.0	0.0	

Part270 n77 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	21.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.55	19.50	19.70	21.0	0.0	
100	PI/2 BPSK	1	137	19.53	19.50	19.52			
100	PI/2 BPSK	1	271	19.44	19.52	19.53			
100	PI/2 BPSK	135	0	18.91	19.13	19.03		0.5	
100	PI/2 BPSK	135	69	19.45	19.72	19.59	21.0	0.0	
100	PI/2 BPSK	135	138	19.10	19.11	18.98			
100	PI/2 BPSK	270	0	18.98	19.09	18.99	20.5	0.5	
100	QPSK	1	1	19.53	19.85	19.84			
100	QPSK	1	137	19.41	19.46	19.47	21.0	0.0	
100	QPSK	1	271	19.42	19.78	19.50			
100	QPSK	135	0	18.88	18.66	18.79		1.0	
100	QPSK	135	69	19.49	19.58	19.57		0.0	
100	QPSK	135	138	18.56	18.65	18.54	20.0	1.0	
100	QPSK	270	0	18.38	18.44	18.36			
100	16QAM	1	1	18.76	18.63	18.59	20.0	1.0	
100	64QAM	1	1	17.03	16.97	17.07		2.5	
100	256QAM	1	1	15.02	15.20	15.09	18.5	4.5	
Channel				648668	656000	662334	21.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	19.43	19.76	19.54	21.0	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02	21.0	0.0	
80	QPSK	1	1	19.43	19.75	19.55		0.0	
Channel				649200	656000	663200			
Frequency (MHz)				3735	3840	3945	21.0	0.0	
70	QPSK	1	1	19.45	19.76	19.55		0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01	21.0	0.0	
60	QPSK	1	1	19.44	19.76	19.55		0.0	
Channel				648334	656000	663068			
Frequency (MHz)				3725.01	3840	3955.02	21.0	0.0	
50	QPSK	1	1	19.44	19.75	19.55		0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960	21.0	0.0	
40	QPSK	1	1	19.43	19.76	19.56		0.0	
Channel				647668	656000	663334			
Frequency (MHz)				3715.02	3840	3965.01	21.0	0.0	
30	QPSK	1	1	19.44	19.75	19.56		0.0	
Channel				647334	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02	21.0	0.0	
20	QPSK	1	1	19.43	19.77	19.55		0.0	
Channel				647168	656000	664334			
Frequency (MHz)				3707.52	3840	3972.51	21.0	0.0	
15	QPSK	1	1	19.43	19.75	19.55		0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975	21.0	0.0	
10	QPSK	1	1	19.45	19.51	19.49		0.0	

Part270 n77 PC2 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	24.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	22.47	22.48	22.51	24.0	0.0	
100	PI/2 BPSK	1	137	22.65	22.51	22.60			
100	PI/2 BPSK	1	271	22.54	22.51	22.55			
100	PI/2 BPSK	135	0	22.00	22.01	22.09		0.5	
100	PI/2 BPSK	135	69	22.73	22.49	22.36	24.0	0.0	
100	PI/2 BPSK	135	138	22.03	22.18	22.10			
100	PI/2 BPSK	270	0	21.95	22.33	22.20	23.5	0.5	
100	QPSK	1	1	22.63	22.75	22.45			
100	QPSK	1	137	22.56	22.66	22.56	24.0	0.0	
100	QPSK	1	271	22.43	22.59	22.34			
100	QPSK	135	0	21.56	21.67	21.79		1.0	
100	QPSK	135	69	22.45	22.59	22.66		0.0	
100	QPSK	135	138	21.60	21.77	21.58	23.0	1.0	
100	QPSK	270	0	21.40	21.77	21.73			
100	16QAM	1	1	21.63	21.74	21.71	23.0	1.0	
100	64QAM	1	1	20.16	20.31	20.19		2.5	
100	256QAM	1	1	17.66	18.33	18.07	19.5	4.5	
Channel				648668	656000	662334	24.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	22.53	22.66	22.35	24.0	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02	24.0	0.0	
80	QPSK	1	1	22.54	22.67	22.36		0.0	
Channel				649000	656000	663000			
Frequency (MHz)				3735	3840	3945	24.0	0.0	
70	QPSK	1	1	22.55	22.67	22.36		0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01	24.0	0.0	
60	QPSK	1	1	22.54	22.67	22.35		0.0	
Channel				648334	656000	663068			
Frequency (MHz)				3725.01	3840	3955.02	24.0	0.0	
50	QPSK	1	1	22.53	22.66	22.35		0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960	24.0	0.0	
40	QPSK	1	1	22.54	22.65	22.37		0.0	
Channel				647668	656000	663334			
Frequency (MHz)				3715.02	3840	3965.01	24.0	0.0	
30	QPSK	1	1	22.55	22.66	22.37		0.0	
Channel				647334	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02	24.0	0.0	
20	QPSK	1	1	22.54	22.66	22.35		0.0	
Channel				647168	656000	664334			
Frequency (MHz)				3707.52	3840	3972.51	24.0	0.0	
15	QPSK	1	1	22.54	22.65	22.37		0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975	24.0	0.0	
10	QPSK	1	1	22.53	22.66	22.37		0.0	

Part270 n78 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		19.37				
100	PI/2 BPSK	1	137		19.39		21.0	0.0	
100	PI/2 BPSK	1	271		19.39				
100	PI/2 BPSK	135	0		18.95		20.5	0.5	
100	PI/2 BPSK	135	69		19.35		21.0	0.0	
100	PI/2 BPSK	135	138		19.02				
100	PI/2 BPSK	270	0		19.07		20.5	0.5	
100	QPSK	1	1		19.83				
100	QPSK	1	137		19.39		21.0	0.0	
100	QPSK	1	271		19.75				
100	QPSK	135	0		18.61		20.0	1.0	
100	QPSK	135	69		19.40		21.0	0.0	
100	QPSK	135	138		18.47				
100	QPSK	270	0		18.31		20.0	1.0	
100	16QAM	1	1		18.55		20.0	1.0	
100	64QAM	1	1		16.89		18.5	2.5	
100	256QAM	1	1		15.10		16.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1		19.68	19.73	21.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1		19.69	19.75	21.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1		19.68	19.74	21.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1		19.70	19.74	21.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1		19.69	19.73	21.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1		19.70	19.75	21.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1		19.68	19.71	21.0	0.0	

Part270 n78 PC2 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		22.44				
100	PI/2 BPSK	1	137		22.34		24.0	0.0	
100	PI/2 BPSK	1	271		22.45				
100	PI/2 BPSK	135	0		21.95		23.5	0.5	
100	PI/2 BPSK	135	69		22.39		24.0	0.0	
100	PI/2 BPSK	135	138		22.07				
100	PI/2 BPSK	270	0		22.24		23.5	0.5	
100	QPSK	1	1		22.57				
100	QPSK	1	137		22.49		24.0	0.0	
100	QPSK	1	271		22.53				
100	QPSK	135	0		21.62		23.0	1.0	
100	QPSK	135	69		22.57		24.0	0.0	
100	QPSK	135	138		21.68				
100	QPSK	270	0		21.62		23.0	1.0	
100	16QAM	1	1		21.71		23.0	1.0	
100	64QAM	1	1		20.26		21.5	2.5	
100	256QAM	1	1		18.19		19.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1		22.57	22.57	24.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1		22.55	22.57	24.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1		22.55	22.59	24.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1		22.57	22.58	24.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1		22.55	22.59	24.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1		22.56	22.57	24.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1		22.57	22.58	24.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1		22.57	22.58	24.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1		22.56	22.59	24.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1		22.56	22.59	24.0	0.0	

Reduced Power Mode for DSI2

n5 Ant 0 DSI2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 166800	Power Middle Ch. / Freq. 167300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				23.1	23.15	23.2		
20	QPSK	1	1	23.15	23.19	23.18	24.0	0.0
20	QPSK	1	53	23.12	23.08	22.98		
20	QPSK	1	104	22.89	22.99	23.02	23.0	1.0
20	QPSK	50	0	21.94	22.13	22.16		
20	QPSK	50	28	23.07	23.08	22.91	24.0	0.0
20	QPSK	50	56	21.91	22.08	22.04	23.0	1.0
20	QPSK	100	0	22.06	22.14	22.03		

n26 Ant 0 DSI2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164800	Power Middle Ch. / Freq. 166300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				23.1	23.15	23.2		
20	QPSK	1	1	23.45	23.56	23.50	24.0	0.0
20	QPSK	1	53	23.25	23.53	23.36		
20	QPSK	1	104	23.43	23.41	23.31	23.0	1.0
20	QPSK	50	0	22.55	22.56	22.43		
20	QPSK	50	28	23.40	23.50	23.33	24.0	0.0
20	QPSK	50	56	22.41	22.57	22.63	23.0	1.0
20	QPSK	100	0	22.38	22.46	22.46		

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				50000	50000	50000	24.0	0.0
Frequency [MHz]				2500	2500	2500		
40	QPSK	1	1	23.15	23.20	23.01		
40	QPSK	1	108	22.96	22.95	23.08	24.0	0.0
40	QPSK	1	214	22.99	23.08	22.87		
40	QPSK	108	0	21.82	22.09	21.92		
40	QPSK	108	54	22.72	22.94	22.76	23.0	1.0
40	QPSK	108	108	21.90	21.85	22.07		
40	QPSK	216	0	21.99	22.07	21.94		

n38 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				516004	516000	516996	24.0	0.0
Frequency (MHz)				2550.02	2656	2699.98		
40	QPSK	1	1	22.98	23.09	22.97		
40	QPSK	1	53	22.98	23.02	23.00	24.0	0.0
40	QPSK	1	104	22.94	23.00	22.99		
40	QPSK	50	0	22.04	22.07	22.07		
40	QPSK	50	26	22.97	23.06	22.96	24.0	0.0
40	QPSK	50	56	22.00	22.05	22.04	23.0	1.0
40	QPSK	100	0	21.99	22.08	22.02		

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				506202	516598	528000	24.0	0.0
Frequency (MHz)				2546.01	2692.96	2640		
100	QPSK	1	1	22.72	22.86	22.81		
100	QPSK	1	137	22.72	22.80	22.75	24.0	0.0
100	QPSK	1	271	22.71	22.79	22.76		
100	QPSK	135	0	21.74	21.88	21.85		
100	QPSK	135	69	22.68	22.84	22.79	24.0	0.0
100	QPSK	135	138	21.74	21.85	21.85	23.0	1.0
100	QPSK	270	0	21.78	21.84	21.81		

Part270 n77 Ant 3 DS12									
BW [MHz]	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	20.13	20.12	19.61	21.0	0.0	
100	PI/2 BPSK	1	137	20.13	20.12	19.61			
100	PI/2 BPSK	1	271	20.13	20.12	19.61			
100	PI/2 BPSK	135	0	19.64	19.72	19.29		0.5	
100	PI/2 BPSK	135	69	20.13	20.19	19.78	21.0	0.0	
100	PI/2 BPSK	135	138	19.63	19.85	19.31			
100	PI/2 BPSK	270	0	19.62	19.78	19.37		0.5	
100	QPSK	1	1	20.20	20.28	19.80		21.0	
100	QPSK	1	137	20.10	20.10	19.73			
100	QPSK	1	271	20.11	20.19	19.75			
100	QPSK	135	0	19.24	19.25	18.87		1.0	
100	QPSK	135	69	20.07	20.19	19.75	21.0	1.0	
100	QPSK	135	138	19.11	19.28	18.72			
100	QPSK	270	0	19.23	19.25	18.86			
100	16QAM	1	1	19.28	19.35	18.72		1.0	
100	64QAM	1	1	17.68	17.72	17.33	18.5	2.5	
100	256QAM	1	1	15.66	15.73	15.27		4.5	
Channel				648668	656000	662334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	1	20.12	20.19	19.70	21.0	0.0	
Channel				649334	656000	662668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	20.11	20.20	19.71	21.0	0.0	
Channel				649000	656000	663000	Tune-up limit	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	QPSK	1	1	20.10	20.18	19.70	21.0	0.0	
Channel				648668	656000	663334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	20.10	20.20	19.72	21.0	0.0	
Channel				648334	656000	663668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	20.10	20.20	19.70	21.0	0.0	
Channel				648000	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	20.12	20.18	19.71	21.0	0.0	
Channel				647668	656000	664334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	20.11	20.18	19.72	21.0	0.0	
Channel				647334	656000	664668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	20.11	20.18	19.72	21.0	0.0	
Channel				647000	656000	664834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	20.10	20.20	19.72	21.0	0.0	
Channel				647000	656000	665000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	20.10	20.20	19.72	21.0	0.0	

Part270 n77 PC2 Ant 3 DS12											
BW [MHz]	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	652000	24.0	0.0			
Frequency (MHz)				3750	3840	3930					
100	PI/2 BPSK	1	1	23.22	23.37	23.18	24.0	0.0			
100	PI/2 BPSK	1	137	23.20	23.30	23.03					
100	PI/2 BPSK	1	271	23.20	23.40	23.14					
100	PI/2 BPSK	135	0	22.83	22.86	22.78		0.5			
100	PI/2 BPSK	135	69	23.30	23.36	23.17	23.5	0.0			
100	PI/2 BPSK	135	138	22.90	22.92	22.72					
100	PI/2 BPSK	270	0	22.80	22.97	22.69		0.5			
100	QPSK	1	1	23.35	23.41	23.21		24.0			
100	QPSK	1	137	23.28	23.29	23.06					
100	QPSK	1	271	23.19	23.38	23.14					
100	QPSK	135	0	22.42	22.49	22.13		1.0			
100	QPSK	135	69	23.26	23.27	23.15	23.0	1.0			
100	QPSK	135	138	22.37	22.39	22.20					
100	QPSK	270	0	22.27	22.45	22.27		1.0			
100	16QAM	1	1	22.39	22.42	22.16		1.0			
100	64QAM	1	1	20.79	20.94	20.75	21.5	2.5			
100	256QAM	1	1	18.80	18.91	18.79		4.5			
Channel				649668	650000	652334	Tune-up limit (dBm)				
Frequency (MHz)				3745.02	3840	3935.01	(dB)				
90	QPSK	1	1	23.26	23.32	23.13	24.0	0.0			
Channel				649334	650000	652668	Tune-up limit (dBm)				
Frequency (MHz)				3740.01	3840	3940.02	(dB)				
80	QPSK	1	1	23.26	23.33	23.13	24.0	0.0			
Channel				649000	650000	653000	Tune-up limit (dBm)				
Frequency (MHz)				3735	3840	3945	(dB)				
70	QPSK	1	1	23.25	23.33	23.12	24.0	0.0			
Channel				648668	650000	653334	Tune-up limit (dBm)				
Frequency (MHz)				3730.02	3840	3950.01	(dB)				
60	QPSK	1	1	23.26	23.31	23.13	24.0	0.0			
Channel				648334	650000	653668	Tune-up limit (dBm)				
Frequency (MHz)				3725.01	3840	3955.02	(dB)				
50	QPSK	1	1	23.26	23.32	23.11	24.0	0.0			
Channel				648000	650000	654000	Tune-up limit (dBm)				
Frequency (MHz)				3720	3840	3960	(dB)				
40	QPSK	1	1	23.25	23.33	23.12	24.0	0.0			
Channel				647668	650000	654334	Tune-up limit (dBm)				
Frequency (MHz)				3715.02	3840	3965.01	(dB)				
30	QPSK	1	1	23.26	23.31	23.11	24.0	0.0			
Channel				647334	650000	654668	Tune-up limit (dBm)				
Frequency (MHz)				3710.01	3840	3970.02	(dB)				
20	QPSK	1	1	23.27	23.32	23.13	24.0	0.0			
Channel				647000	650000	655000	Tune-up limit (dBm)				
Frequency (MHz)				3707.52	3840	3972.51	(dB)				
15	QPSK	1	1	23.25	23.32	23.12	24.0	0.0			
Channel				647000	650000	655000	Tune-up limit (dBm)				
Frequency (MHz)				3705	3840	3975	(dB)				
10	QPSK	1	1	23.27	23.33	23.13	24.0	0.0			

Part270 n78 Ant 3 DS12									
BW [MHz]	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					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	19.95			21.0	0.0	
100	PI/2 BPSK	1	137	20.09					
100	PI/2 BPSK	1	271	19.93					
100	PI/2 BPSK	135	0	19.56			20.5	0.5	
100	PI/2 BPSK	135	69	20.17			21.0	0.0	
100	PI/2 BPSK	135	138	19.82			20.5	0.5	
100	PI/2 BPSK	270	0	19.74					
100	QPSK	1	1	20.23					
100	QPSK	1	137	20.08			21.0	0.0	
100	QPSK	1	271	20.05			20.0	1.0	
100	QPSK	135	0	19.20					
100	QPSK	135	69	20.03					
100	QPSK	135	138	19.09			20.0	1.0	
100	QPSK	270	0	19.15					
100	16QAM	1	1	19.24					
100	64QAM	1	1	17.55			18.5	2.5	
100	256QAM	1	1	15.64			16.5	4.5	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	20.09	20.13	19.99	21.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	20.08	20.15	19.98	21.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	20.10	20.15	19.98	21.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	20.08	20.14	19.98	21.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	20.09	20.13	19.99	21.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	20.09	20.15	19.99	21.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	20.09	20.14	19.98	21.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	20.10	20.15	20.00	21.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	20.09	20.13	19.99	21.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	20.05	20.11	20.11	21.0	0.0	

Part270 n78 PC2 Ant 3 DS12									
BW [MHz]	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					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1	23.38					
100	PV2 BPSK	1	137	23.11			24.0		0.0
100	PV2 BPSK	1	271	23.37					
100	PV2 BPSK	135	0	22.76			23.5		0.5
100	PV2 BPSK	135	69	23.28			24.0		0.0
100	PV2 BPSK	135	138	22.77			23.5		0.5
100	PV2 BPSK	270	0	22.90					
100	QPSK	1	1	23.38					
100	QPSK	1	137	23.15			24.0		0.0
100	QPSK	1	271	23.24					
100	QPSK	135	0	22.40			23.0		1.0
100	QPSK	135	69	23.25			24.0		0.0
100	QPSK	135	138	22.30			23.0		1.0
100	QPSK	270	0	22.28					
100	16QAM	1	1	22.34			23.0		1.0
100	64QAM	1	1	20.79			21.5		2.5
100	256QAM	1	1	18.80			19.5		4.5
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	23.13	23.29	23.29	24.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	23.14	23.30	23.28	24.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	23.13	23.29	23.26	24.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	23.14	23.29	23.21	24.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	23.15	23.30	23.26	24.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	23.13	23.29	23.27	24.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	23.13	23.28	23.28	24.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	23.15	23.30	23.27	24.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	23.14	23.29	23.27	24.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	23.14	23.30	23.28	24.0	0.0	

n5 Ant 4 DS12								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)
Channel				834	836.5	839		
Frequency (MHz)				166800	167300	167800		
20	PI2 BPSK	1	1	21.36	21.67	21.50	23.2	0.0
20	PI2 BPSK	1	53	21.42	21.61	21.43		
20	PI2 BPSK	1	104	21.37	21.57	21.48		
20	PI2 BPSK	50	0	21.58	21.64	21.44	23.2	0.0
20	PI2 BPSK	50	28	21.58	21.62	21.31	23.2	0.0
20	PI2 BPSK	50	56	21.58	21.48	21.45	23.2	0.0
20	PI2 BPSK	100	0	21.55	21.50	21.59		
20	QPSK	1	1	21.47	21.83	21.45		
20	QPSK	1	53	21.52	21.74	21.48	23.2	0.0
20	QPSK	1	104	21.38	21.59	21.49		
20	QPSK	50	0	21.51	21.66	21.55	23.0	0.2
20	QPSK	50	28	21.40	21.71	21.31	23.2	0.0
20	QPSK	50	56	21.30	21.59	21.33	23.0	0.2
20	QPSK	100	0	21.42	21.70	21.57	23.0	0.2
20	16QAM	1	1	21.38	21.61	21.38		
20	64QAM	1	1	20.44	20.66	20.57		
20	256QAM	1	1	18.36	18.66	18.59	19.5	3.7
Channel				166300	167300	168300	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.37	21.58	21.36	23.2	0.0
Channel				165900	167300	168800	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.38	21.60	21.38	23.2	0.0
Channel				165300	167300	169300	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				828.5	836.5	846.5		
5	QPSK	1	1	21.39	21.60	21.36	23.2	0.0

n7 Ant 4 DS12								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	17.81	17.90	17.84	19.1	0.0
40	PI2 BPSK	1	108	17.75	17.96	17.68		
40	PI2 BPSK	1	214	17.93	17.98	17.87		
40	PI2 BPSK	108	0	17.87	17.89	17.78	19.1	0.0
40	PI2 BPSK	108	54	17.87	18.02	17.68	19.1	0.0
40	PI2 BPSK	108	108	17.90	17.88	17.71	19.1	0.0
40	PI2 BPSK	216	0	17.84	17.80	17.81		
40	QPSK	1	1	17.88	18.06	17.86		
40	QPSK	1	108	17.97	18.05	17.77	19.1	0.0
40	QPSK	1	214	17.83	17.91	17.71		
40	QPSK	108	0	17.91	17.92	17.86	19.1	0.0
40	QPSK	108	54	17.85	17.95	17.73	19.1	0.0
40	QPSK	108	108	17.90	17.89	17.66	19.1	0.0
40	QPSK	216	0	17.76	17.82	17.69	19.1	0.0
40	16QAM	1	1	17.81	17.97	17.78		
40	64QAM	1	1	17.91	17.94	17.67		
40	256QAM	1	1	17.84	17.81	17.62	19.1	0.0
Channel				503500	507000	511000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.88	17.93	17.77	19.1	0.0
Channel				502900	507000	511500	Tune-up limit (dBm)	MPR
Frequency (MHz)				2512.5	2535	2562.5		
25	QPSK	1	1	17.89	17.92	17.77	19.1	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	17.83	17.84	17.75	19.1	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.88	17.84	17.79	19.1	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.89	17.92	17.78	19.1	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.88	17.93	17.78	19.1	0.0

n26 Ant 4 DS12								
BW (MHz)	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	PI2 BPSK	1	1	21.47	21.79	21.60	23.2	0.0
20	PI2 BPSK	1	53	21.56	21.78	21.58		
20	PI2 BPSK	1	104	21.47	21.70	21.64		
20	PI2 BPSK	50	0	21.66	21.77	21.55	23.2	0.0
20	PI2 BPSK	50	28	21.64	21.88	21.49	23.2	0.0
20	PI2 BPSK	50	56	21.64	21.72	21.62	23.2	0.0
20	PI2 BPSK	100	0	21.70	21.67	21.65		
20	QPSK	1	1	21.69	21.90	21.67		
20	QPSK	1	53	21.67	21.82	21.56	23.2	0.0
20	QPSK	1	104	21.61	21.75	21.71		
20	QPSK	50	0	21.65	21.76	21.63	23.0	0.2
20	QPSK	50	28	21.54	21.78	21.54	23.2	0.0
20	QPSK	50	56	21.54	21.74	21.49	23.0	0.2
20	QPSK	100	0	21.51	21.85	21.68		
20	16QAM	1	1	21.56	21.77	21.62		
20	64QAM	1	1	20.60	20.79	20.68	21.5	1.7
20	256QAM	1	1	18.45	18.75	18.59	19.5	3.7
Channel				165300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.61	21.80	21.59	23.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				818	831.5	844		
10	QPSK	1	1	21.61	21.80	21.57	23.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.55	21.55	21.53	23.2	0.0

n38 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				516004	516000	516996	18.9	0.0
Frequency (MHz)				2550.02	2556	2559.98		
40	PI/2 BPSK	1	1	17.21	17.49	17.33	18.9	0.0
40	PI/2 BPSK	1	53	17.24	17.26	17.24		
40	PI/2 BPSK	1	104	17.24	17.32	17.16		
40	PI/2 BPSK	50	0	17.24	17.45	17.11		
40	PI/2 BPSK	50	26	17.22	17.51	17.24	18.9	0.0
40	PI/2 BPSK	50	56	17.33	17.44	17.28		
40	PI/2 BPSK	100	0	17.37	17.34	17.33		
40	QPSK	1	1	17.29	17.45	17.26		
40	QPSK	1	53	17.37	17.39	17.19	18.9	0.0
40	QPSK	1	104	17.34	17.40	17.27		
40	QPSK	50	0	17.26	17.49	17.13		
40	QPSK	50	26	17.15	17.53	17.34		
40	QPSK	50	56	17.36	17.34	17.27	18.9	0.0
40	QPSK	100	0	17.25	17.35	17.24		
40	16QAM	1	1	17.35	17.35	17.33		
40	64QAM	1	1	17.12	17.42	17.35		
40	256QAM	1	1	17.30	17.42	17.37	18.9	0.0
Channel				517002	516900	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2596	2600.99		
30	QPSK	1	1	17.21	17.36	17.18	18.9	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2560	2556	2610		
20	QPSK	1	1	17.19	17.37	17.16	18.9	0.0
Channel				516302	516000	522400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2556	2612.49		
15	QPSK	1	1	17.20	17.38	17.18	18.9	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2556	2614.98		
10	QPSK	1	1	17.20	17.36	17.17	18.9	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				506202	516598	526000	18.9	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.39	17.57	17.47	18.9	0.0
100	PI/2 BPSK	1	137	17.46	17.46	17.41		
100	PI/2 BPSK	1	271	17.36	17.49	17.34		
100	PI/2 BPSK	135	0	17.37	17.57	17.35		
100	PI/2 BPSK	135	69	17.46	17.60	17.41	18.9	0.0
100	PI/2 BPSK	135	138	17.46	17.57	17.39		
100	PI/2 BPSK	270	0	17.45	17.49	17.39		
100	QPSK	1	1	17.37	17.63	17.43		
100	QPSK	1	137	17.45	17.46	17.36	18.9	0.0
100	QPSK	1	271	17.43	17.59	17.36		
100	QPSK	135	0	17.44	17.60	17.38		
100	QPSK	135	69	17.33	17.62	17.44		
100	QPSK	135	138	17.47	17.57	17.37	18.9	0.0
100	QPSK	270	0	17.37	17.50	17.46		
100	16QAM	1	1	17.43	17.51	17.40		
100	64QAM	1	1	17.35	17.61	17.48		
100	256QAM	1	1	17.48	17.61	17.47	18.9	0.0
Channel				506200	516598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.29	17.38	17.33	18.9	0.0
Channel				507204	516598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.26	17.38	17.35	18.9	0.0
Channel				506202	516598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.29	17.38	17.35	18.9	0.0
Channel				505200	516598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.27	17.38	17.35	18.9	0.0
Channel				504204	516598	532996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2621.02	2592.99	2664.99		
50	QPSK	1	1	17.28	17.38	17.33	18.9	0.0
Channel				503202	516598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.27	17.37	17.35	18.9	0.0
Channel				502200	516598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.29	17.37	17.33	18.9	0.0
Channel				501204	516598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.29	17.38	17.35	18.9	0.0
Channel				500700	516598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.28	17.37	17.33	18.9	0.0
Channel				500202	516598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.29	17.37	17.33	18.9	0.0

PC2&PC3 Part270 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	MPR			
Channel				650000	650000	662000					
Frequency (MHz)				3750	3840	3930					
100	PI/2 BPSK	1	1	18.09	18.25	18.19	19.3	0.0			
100	PI/2 BPSK	1	137	18.14	18.28	18.14					
100	PI/2 BPSK	1	271	18.11	18.26	18.20					
100	PI/2 BPSK	135	0	18.09	18.29	18.15					
100	PI/2 BPSK	135	69	18.10	18.29	18.17	19.3	0.0			
100	PI/2 BPSK	135	138	18.10	18.26	18.16	19.3	0.0			
100	PI/2 BPSK	270	0	18.10	18.27	18.19					
100	QPSK	1	1	18.10	18.31	18.16					
100	QPSK	1	137	18.12	18.26	18.18		0.0			
100	QPSK	1	271	18.14	18.29	18.17	19.3				
100	QPSK	135	0	18.15	18.26	18.16	19.3				
100	QPSK	135	69	18.13	18.27	18.16	19.3				
100	QPSK	135	138	18.13	18.25	18.16	19.3	0.0			
100	QPSK	270	0	18.14	18.25	18.20					
100	16QAM	1	1	18.10	18.26	18.18	19.3	0.0			
100	64QAM	1	1	18.12	18.29	18.19	19.3	0.0			
100	256QAM	1	1	18.11	18.28	18.17	19.3	0.0			
Channel				649668	650000	662334	Tune-up limit				
Frequency (MHz)				3745.02	3840	3935.01	(dBm)				
90	QPSK	1	1	18.01	18.23	18.08	19.3	0.0			
Channel				649334	650000	652668	Tune-up limit				
Frequency (MHz)				3740.01	3840	3940.02	(dBm)				
80	QPSK	1	1	18.00	18.21	18.07	19.3	0.0			
Channel				649000	650000	653000	Tune-up limit				
Frequency (MHz)				3735	3840	3945	(dBm)				
70	QPSK	1	1	18.01	18.22	18.06	19.3	0.0			
Channel				648668	650000	653334	Tune-up limit				
Frequency (MHz)				3730.02	3840	3950.01	(dBm)				
60	QPSK	1	1	18.02	18.23	18.08	19.3	0.0			
Channel				648334	650000	653668	Tune-up limit				
Frequency (MHz)				3725.01	3840	3955.02	(dBm)				
50	QPSK	1	1	18.00	18.21	18.08	19.3	0.0			
Channel				648000	650000	654000	Tune-up limit				
Frequency (MHz)				3720	3840	3960	(dBm)				
40	QPSK	1	1	18.02	18.21	18.07	19.3	0.0			
Channel				647668	650000	654334	Tune-up limit				
Frequency (MHz)				3715.02	3840	3965.01	(dBm)				
30	QPSK	1	1	18.00	18.23	18.06	19.3	0.0			
Channel				647334	650000	654668	Tune-up limit				
Frequency (MHz)				3710.01	3840	3970.02	(dBm)				
20	QPSK	1	1	18.01	18.23	18.08	19.3	0.0			
Channel				647000	650000	655000	Tune-up limit				
Frequency (MHz)				3707.52	3840	3972.51	(dBm)				
15	QPSK	1	1	18.02	18.21	18.06	19.3	0.0			
Channel				647000	650000	655000	Tune-up limit				
Frequency (MHz)				3705	3840	3975	(dBm)				
10	QPSK	1	1	18.02	18.23	18.06	19.3	0.0			

PC2&PC3 Par270 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					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		18.12		19.3	0.0	
100	PI/2 BPSK	1	137		18.13				
100	PI/2 BPSK	1	271		18.11				
100	PI/2 BPSK	135	0		18.14				
100	PI/2 BPSK	135	69		18.13		19.3	0.0	
100	PI/2 BPSK	135	138		18.13		19.3	0.0	
100	PI/2 BPSK	270	0		18.11				
100	QPSK	1	1		18.17		19.3	0.0	
100	QPSK	1	137		18.13				
100	QPSK	1	271		18.13				
100	QPSK	135	0		18.14				
100	QPSK	135	69		18.15		19.3	0.0	
100	QPSK	135	138		18.12		19.3	0.0	
100	QPSK	270	0		18.11				
100	16QAM	1	1		18.15		19.3	0.0	
100	64QAM	1	1		18.10		19.3	0.0	
100	256QAM	1	1		18.14		19.3	0.0	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	18.01	18.08	18.05	19.3	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	17.99	18.07	18.06	19.3	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	18.00	18.07	18.05	19.3	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	18.00	18.09	18.05	19.3	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	18.01	18.08	18.07	19.3	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	17.99	18.08	18.07	19.3	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	18.01	18.07	18.05	19.3	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	18.01	18.08	18.05	19.3	0.0	
Channel				647000	650000	652934	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	18.00	18.09	18.06	19.3	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	17.99	18.09	18.06	19.3	0.0	

PC2&PC3 Part270 n77 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				650000	650000	650000	19.2	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	18.29	18.36	18.23	19.2	0.0	
100	PI/2 BPSK	1	137	18.33	18.41	18.20			
100	PI/2 BPSK	1	271	18.30	18.39	18.24			
100	PI/2 BPSK	135	0	18.31	18.36	18.23			
100	PI/2 BPSK	135	69	18.33	18.41	18.24	19.2	0.0	
100	PI/2 BPSK	135	138	18.29	18.36	18.24			
100	PI/2 BPSK	270	0	18.33	18.38	18.24			
100	QPSK	1	1	18.35	18.45	18.21			
100	QPSK	1	137	18.34	18.39	18.20	19.2	0.0	
100	QPSK	1	271	18.34	18.40	18.19			
100	QPSK	135	0	18.32	18.38	18.21			
100	QPSK	135	69	18.33	18.40	18.25			
100	QPSK	135	138	18.32	18.39	18.25	19.2	0.0	
100	QPSK	270	0	18.30	18.39	18.24			
100	16QAM	1	1	18.30	18.35	18.22		19.2	
100	64QAM	1	1	18.29	18.39	18.19			
100	256QAM	1	1	18.33	18.35	18.20	19.2	0.0	
Channel				649668	650000	650334	19.2	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	18.26	18.36	18.11	19.2	0.0	
Channel				649334	650000	650668	19.2	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	18.26	18.37	18.11	19.2	0.0	
Channel				649000	650000	651000	19.2	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	18.27	18.36	18.12	19.2	0.0	
Channel				648668	650000	653334	19.2	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	18.25	18.36	18.11	19.2	0.0	
Channel				648334	650000	653668	19.2	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	18.25	18.37	18.12	19.2	0.0	
Channel				648000	650000	654000	19.2	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	18.26	18.35	18.12	19.2	0.0	
Channel				647668	650000	654334	19.2	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	18.26	18.37	18.12	19.2	0.0	
Channel				647334	650000	654668	19.2	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	18.25	18.37	18.11	19.2	0.0	
Channel				647000	650000	655000	19.2	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	18.27	18.35	18.13	19.2	0.0	
Channel				647000	650000	655000	19.2	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	18.27	18.36	18.11	19.2	0.0	

PC2&PC3 Part270 n78 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				650000	650000	650000	19.2	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	18.30	18.36	18.23	19.2	0.0	
100	PI/2 BPSK	1	137	18.29	18.36	18.23			
100	PI/2 BPSK	1	271	18.28	18.36	18.23			
100	PI/2 BPSK	135	0	18.30	18.36	18.23			
100	PI/2 BPSK	135	69	18.25	18.36	18.23	19.2	0.0	
100	PI/2 BPSK	135	138	18.31	18.36	18.23			
100	PI/2 BPSK	270	0	18.27	18.36	18.23			
100	QPSK	1	1	18.35	18.45	18.21			
100	QPSK	1	137	18.29	18.36	18.23	19.2	0.0	
100	QPSK	1	271	18.26	18.36	18.23			
100	QPSK	135	0	18.29	18.36	18.23			
100	QPSK	135	69	18.33	18.36	18.23			
100	QPSK	135	138	18.31	18.36	18.23	19.2	0.0	
100	QPSK	270	0	18.29	18.36	18.23			
100	16QAM	1	1	18.31	18.36	18.23		19.2	
100	64QAM	1	1	18.27	18.36	18.23			
100	256QAM	1	1	18.27	18.36	18.23	19.2	0.0	
Channel				649668	650000	650334	19.2	0.0	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	18.19	18.26	18.21	19.2	0.0	
Channel				649334	650000	650668	19.2	0.0	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	18.19	18.27	18.22	19.2	0.0	
Channel				649000	650000	651000	19.2	0.0	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	18.20	18.26	18.23	19.2	0.0	
Channel				648668	650000	651334	19.2	0.0	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	18.20	18.26	18.21	19.2	0.0	
Channel				648334	650000	651668	19.2	0.0	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	18.21	18.26	18.23	19.2	0.0	
Channel				648000	650000	652000	19.2	0.0	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	18.19	18.27	18.23	19.2	0.0	
Channel				647668	650000	652334	19.2	0.0	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	18.20	18.25	18.21	19.2	0.0	
Channel				647334	650000	652668	19.2	0.0	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	18.20	18.25	18.22	19.2	0.0	
Channel				647000	650000	652934	19.2	0.0	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	18.19	18.26	18.23	19.2	0.0	
Channel				647000	650000	653000	19.2	0.0	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	18.21	18.26	18.22	19.2	0.0	

Part270 n77 Ant 9 DS12											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				650000	650000	662000	21.0	0.0			
Frequency (MHz)				3750	3840	3930					
100	PI/2 BPSK	1	1	19.55	19.50	19.70					
100	PI/2 BPSK	1	137	19.53	19.50	19.52	20.5	0.5			
100	PI/2 BPSK	1	271	19.44	19.52	19.53					
100	PI/2 BPSK	135	0	18.91	19.13	19.03					
100	PI/2 BPSK	135	69	19.45	19.72	19.59	21.0	0.0			
100	PI/2 BPSK	135	138	19.10	19.11	18.98					
100	PI/2 BPSK	270	0	18.98	19.09	18.99					
100	QPSK	1	1	19.53	19.85	19.64	21.0	0.0			
100	QPSK	1	137	19.41	19.46	19.47					
100	QPSK	1	271	19.42	19.78	19.50					
100	QPSK	135	0	18.68	18.66	18.79	20.0	1.0			
100	QPSK	135	69	19.49	19.58	19.57					
100	QPSK	135	138	18.56	18.65	18.54					
100	QPSK	270	0	18.38	18.44	18.36	20.0	1.0			
100	16QAM	1	1	18.76	18.63	18.59					
100	64QAM	1	1	17.03	16.97	17.07		18.5			
100	256QAM	1	1	15.02	15.20	15.09					
Channel				648668	650000	662334	Tune-up limit (dBm)				
Frequency (MHz)				3745.02	3840	3935.01	(dBm)				
90	QPSK	1	1	19.43	19.76	19.54	21.0				
Channel				649334	650000	662668	Tune-up limit (dBm)				
Frequency (MHz)				3740.01	3840	3940.02	(dBm)				
80	QPSK	1	1	19.43	19.75	19.55	21.0				
Channel				648000	650000	663000	Tune-up limit (dBm)				
Frequency (MHz)				3735	3840	3945	(dBm)				
70	QPSK	1	1	19.45	19.76	19.55	21.0				
Channel				648668	650000	663334	Tune-up limit (dBm)				
Frequency (MHz)				3730.02	3840	3950.01	(dBm)				
60	QPSK	1	1	19.44	19.76	19.55	21.0				
Channel				648334	650000	663668	Tune-up limit (dBm)				
Frequency (MHz)				3725.01	3840	3955.02	(dBm)				
50	QPSK	1	1	19.44	19.75	19.55	21.0				
Channel				648000	650000	664000	Tune-up limit (dBm)				
Frequency (MHz)				3720	3840	3960	(dBm)				
40	QPSK	1	1	19.43	19.76	19.56	21.0				
Channel				647668	650000	664334	Tune-up limit (dBm)				
Frequency (MHz)				3715.02	3840	3965.01	(dBm)				
30	QPSK	1	1	19.44	19.75	19.56	21.0				
Channel				647334	650000	664668	Tune-up limit (dBm)				
Frequency (MHz)				3710.01	3840	3970.02	(dBm)				
20	QPSK	1	1	19.43	19.77	19.55	21.0				
Channel				647168	650000	664834	Tune-up limit (dBm)				
Frequency (MHz)				3707.52	3840	3972.51	(dBm)				
15	QPSK	1	1	19.43	19.75	19.55	21.0				
Channel				647000	650000	665000	Tune-up limit (dBm)				
Frequency (MHz)				3705	3840	3975	(dBm)				
10	QPSK	1	1	19.45	19.51	19.49	21.0				

Part270 n77 PC2 Ant 9 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	662000	24.0	0.0			
Frequency (MHz)				3750	3840	3930					
100	PI/2 BPSK	1	1	22.47	22.48	22.51					
100	PI/2 BPSK	1	137	22.65	22.51	22.60	23.5	0.5			
100	PI/2 BPSK	1	271	22.54	22.51	22.55					
100	PI/2 BPSK	135	0	22.00	22.01	22.09					
100	PI/2 BPSK	135	69	22.73	22.49	22.58	24.0	0.0			
100	PI/2 BPSK	135	138	22.03	22.18	22.20					
100	PI/2 BPSK	270	0	21.95	22.33	22.20					
100	QPSK	1	1	21.63	22.75	22.45	24.0	0.0			
100	QPSK	1	137	22.56	22.66	22.56					
100	QPSK	1	271	22.43	22.59	22.34					
100	QPSK	135	0	21.56	21.67	21.79	23.0	1.0			
100	QPSK	135	69	22.48	22.69	22.66					
100	QPSK	135	138	21.60	21.77	21.56					
100	QPSK	270	0	21.40	21.77	21.73	23.0	1.0			
100	16QAM	1	1	21.63	21.74	21.71					
100	64QAM	1	1	20.16	20.31	20.19		21.5			
100	256QAM	1	1	17.86	18.33	18.07					
Channel				649668	650000	662334	Tune-up limit (dBm)				
Frequency (MHz)				3745.02	3840	3935.01	(dBm)				
90	QPSK	1	1	22.53	22.66	22.35	24.0				
Channel				649334	650000	662668	Tune-up limit (dBm)				
Frequency (MHz)				3740.01	3840	3940.02	(dBm)				
80	QPSK	1	1	22.54	22.67	22.36	24.0				
Channel				649000	650000	663000	Tune-up limit (dBm)				
Frequency (MHz)				3735	3840	3945	(dBm)				
70	QPSK	1	1	22.55	22.67	22.36	24.0				
Channel				648668	650000	663334	Tune-up limit (dBm)				
Frequency (MHz)				3730.02	3840	3950.01	(dBm)				
60	QPSK	1	1	22.54	22.67	22.35	24.0				
Channel				648334	650000	663668	Tune-up limit (dBm)				
Frequency (MHz)				3725.01	3840	3955.02	(dBm)				
50	QPSK	1	1	22.53	22.66	22.35	24.0				
Channel				648000	650000	664000	Tune-up limit (dBm)				
Frequency (MHz)				3720	3840	3960	(dBm)				
40	QPSK	1	1	22.54	22.65	22.37	24.0				
Channel				647668	650000	664334	Tune-up limit (dBm)				
Frequency (MHz)				3715.02	3840	3965.01	(dBm)				
30	QPSK	1	1	22.55	22.66	22.37	24.0				
Channel				647334	650000	664668	Tune-up limit (dBm)				
Frequency (MHz)				3710.01	3840	3970.02	(dBm)				
20	QPSK	1	1	22.54	22.66	22.35	24.0				
Channel				647168	650000	664834	Tune-up limit (dBm)				
Frequency (MHz)				3707.52	3840	3972.51	(dBm)				
15	QPSK	1	1	22.54	22.65	22.37	24.0				
Channel				647000	650000	665000	Tune-up limit (dBm)				
Frequency (MHz)				3705	3840	3975	(dBm)				
10	QPSK	1	1	22.53	22.66	22.37	24.0				

Part270 n78 Ant 9 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					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1		19.37				
100	PV2 BPSK	1	137		19.39		21.0	0.0	
100	PV2 BPSK	1	271		19.39				
100	PV2 BPSK	135	0		18.95		20.5	0.5	
100	PV2 BPSK	135	69		19.25		21.0	0.0	
100	PV2 BPSK	135	138		19.02				
100	PV2 BPSK	270	0		19.07		20.5	0.5	
100	QPSK	1	1		19.83				
100	QPSK	1	137		19.39		21.0	0.0	
100	QPSK	1	271		19.75				
100	QPSK	135	0		18.51		20.0	1.0	
100	QPSK	135	69		19.40		21.0	0.0	
100	QPSK	135	138		18.47				
100	QPSK	270	0		18.31		20.0	1.0	
100	16QAM	1	1		18.55		20.0	1.0	
100	64QAM	1	1		16.89		18.5	2.5	
100	256QAM	1	1		15.10		16.5	4.5	
Channel				649668	650000	650234	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		19.70	19.73	19.73	21.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		19.68	19.73	19.72	21.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		19.69	19.75	19.72	21.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		19.70	19.73	19.71	21.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		19.68	19.74	19.73	21.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		19.70	19.73	19.73	21.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		19.70	19.74	19.72	21.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		19.69	19.73	19.71	21.0	
Channel				647000	650000	652934	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		19.70	19.75	19.71	21.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		19.68	19.71	19.69	21.0	

Part270 n78 PC2 Ant 9 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					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1		22.44				
100	PV2 BPSK	1	137		22.34		24.0	0.0	
100	PV2 BPSK	1	271		22.45				
100	PV2 BPSK	135	0		21.95		23.5	0.5	
100	PV2 BPSK	135	69		22.39		24.0	0.0	
100	PV2 BPSK	135	138		22.07				
100	PV2 BPSK	270	0		22.24		23.5	0.5	
100	QPSK	1	1		22.57				
100	QPSK	1	137		22.49		24.0	0.0	
100	QPSK	1	271		22.53				
100	QPSK	135	0		21.62		23.0	1.0	
100	QPSK	135	69		22.57		24.0	0.0	
100	QPSK	135	138		21.68				
100	QPSK	270	0		21.62		23.0	1.0	
100	16QAM	1	1		21.71		23.0	1.0	
100	64QAM	1	1		20.26		21.5	2.5	
100	256QAM	1	1		18.19		19.5	4.5	
Channel				649668	650000	650234	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		22.57	22.57	22.51	24.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		22.55	22.57	22.52	24.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		22.55	22.59	22.52	24.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		22.57	22.58	22.53	24.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		22.55	22.59	22.51	24.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		22.56	22.57	22.52	24.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		22.57	22.58	22.51	24.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		22.57	22.58	22.51	24.0	
Channel				647000	650000	652934	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		22.56	22.59	22.53	24.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		22.56	22.59	22.52	24.0	

Reduced Power Mode for DSI3

n5 Ant 0 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 Frequency (MHz)				166800	167300	167800		
20	QPSK	1	1	23.15	23.19	23.18	24.0	0.0
20	QPSK	1	53	23.12	23.08	22.98		
20	QPSK	1	104	22.89	22.99	23.02		
20	QPSK	50	0	21.94	22.13	22.16	23.0	1.0
20	QPSK	50	28	23.07	23.08	22.91	24.0	0.0
20	QPSK	50	56	21.91	22.08	22.04	23.0	1.0
20	QPSK	100	0	22.06	22.14	22.03		

n26 Ant 0 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 Frequency (MHz)				164800	166300	167800		
20	QPSK	1	1	23.45	23.56	23.50	24.0	0.0
20	QPSK	1	53	23.25	23.53	23.36		
20	QPSK	1	104	23.43	23.41	23.31		
20	QPSK	50	0	22.55	22.56	22.43	23.0	1.0
20	QPSK	50	28	23.40	23.50	23.33	24.0	0.0
20	QPSK	50	56	22.41	22.57	22.63	23.0	1.0
20	QPSK	100	0	22.38	22.48	22.46		

n7 Ant 1 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				504000	507000	510000	23.5	0.0
Frequency (MHz)				2520	2635	2650		
40	QPSK	1	1	22.16	22.25	21.98		
40	QPSK	1	108	22.13	22.22	21.99	23.5	0.0
40	QPSK	1	214	22.14	22.23	22.01		
40	QPSK	108	0	22.15	22.22	22.03		
40	QPSK	108	54	22.12	22.24	22.02	23.5	0.0
40	QPSK	108	108	22.16	22.23	22.01		
40	QPSK	216	0	22.16	22.20	22.01		

PC2&3 Part270 n77 Ant 3 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				650000	650000	652000	16.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	14.81	14.77	14.68	16.0	0.0	
100	PI/2 BPSK	1	137	14.79	14.93	14.69			
100	PI/2 BPSK	1	271	14.81	15.01	14.59			
100	PI/2 BPSK	135	0	14.81	15.03	14.67			
100	PI/2 BPSK	135	69	14.76	14.91	14.65			
100	PI/2 BPSK	135	138	14.86	14.85	14.81	16.0	0.0	
100	PI/2 BPSK	270	0	14.93	14.82	14.82			
100	QPSK	1	1	14.80	15.04	14.75			
100	QPSK	1	137	14.85	14.82	14.79			
100	QPSK	1	271	14.84	14.74	14.76			
100	QPSK	135	0	14.93	14.92	14.88	16.0	0.0	
100	QPSK	135	69	14.91	14.95	14.57	16.0	0.0	
100	QPSK	135	138	14.86	14.88	14.61	16.0	0.0	
100	QPSK	270	0	14.75	14.79	14.78			
100	16QAM	1	1	14.92	14.88	14.67	16.0	0.0	
100	64QAM	1	1	14.95	14.96	14.74	16.0	0.0	
100	256QAM	1	1	14.83	14.84	14.72	16.0	0.0	
Channel				648668	650000	652334	16.0	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	14.72	14.96	14.66	16.0	0.0	
Channel				649334	650000	652668	16.0	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	14.71	14.95	14.67	16.0	0.0	
Channel				649000	650000	653000	16.0	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	14.71	14.95	14.67	16.0	0.0	
Channel				648668	650000	653334	16.0	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	14.71	14.94	14.65	16.0	0.0	
Channel				648334	650000	653668	16.0	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	14.70	14.94	14.66	16.0	0.0	
Channel				648000	650000	654000	16.0	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	14.72	14.94	14.66	16.0	0.0	
Channel				647668	650000	654334	16.0	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	14.71	14.95	14.65	16.0	0.0	
Channel				647334	650000	654668	16.0	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	14.72	14.96	14.67	16.0	0.0	
Channel				647000	650000	655000	16.0	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	14.70	14.94	14.65	16.0	0.0	
Channel				647000	650000	655000	16.0	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	14.71	14.95	14.66	16.0	0.0	

PC2&3 Part270 n78 Ant 3 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				650000	650000	652000	16.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	14.83			16.0	0.0	
100	PI/2 BPSK	1	137	14.80					
100	PI/2 BPSK	1	271	14.78					
100	PI/2 BPSK	135	0	14.94					
100	PI/2 BPSK	135	69	14.86					
100	PI/2 BPSK	135	138	14.85			16.0	0.0	
100	PI/2 BPSK	270	0	14.78					
100	QPSK	1	1	14.88					
100	QPSK	1	137	14.69					
100	QPSK	1	271	14.66					
100	QPSK	135	0	14.94			16.0	0.0	
100	QPSK	135	69	14.77			16.0	0.0	
100	QPSK	135	138	14.66			16.0	0.0	
100	QPSK	270	0	14.79					
100	16QAM	1	1	14.94					
100	64QAM	1	1	14.95					
100	256QAM	1	1	14.80					
Channel				648668	650000	652334	16.0	MPR (dBm)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	14.86	14.90	14.77	16.0	0.0	
Channel				649334	650000	650668	16.0	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	14.85	14.88	14.78	16.0	0.0	
Channel				649000	650000	651000	16.0	MPR (dBm)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	14.86	14.90	14.76	16.0	0.0	
Channel				648668	650000	651334	16.0	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	14.85	14.90	14.78	16.0	0.0	
Channel				648334	650000	651668	16.0	MPR (dBm)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	14.85	14.89	14.76	16.0	0.0	
Channel				648000	650000	652000	16.0	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	14.85	14.88	14.78	16.0	0.0	
Channel				647668	650000	652334	16.0	MPR (dBm)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	12.37	12.43	12.31	16.0	0.0	
Channel				647334	650000	652668	16.0	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	14.87	14.89	14.76	16.0	0.0	
Channel				647000	650000	652668	16.0	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	14.87	14.88	14.76	16.0	0.0	
Channel				647000	650000	653000	16.0	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	14.86	14.90	14.78	16.0	0.0	

n38 Ant 1 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				516004	516000	516996			
Frequency (MHz)				2550.02	2556	2559.98			
40	PI/2 BPSK	1	1	20.00	20.10	20.06			
40	PI/2 BPSK	1	53	20.06	20.05	20.00	21.7	0.0	
40	PI/2 BPSK	1	104	19.99	20.13	19.90			
40	PI/2 BPSK	50	0	20.05	20.07	19.90	21.7	0.0	
40	PI/2 BPSK	50	26	20.00	20.06	20.07	21.7	0.0	
40	PI/2 BPSK	50	56	20.00	20.14	20.01	21.7	0.0	
40	PI/2 BPSK	100	0	20.09	20.04	19.91			
40	QPSK	1	1	20.00	20.17	19.92			
40	QPSK	1	53	19.96	20.07	19.87	21.7	0.0	
40	QPSK	1	104	19.98	20.11	19.99			
40	QPSK	50	0	19.93	19.99	19.99	21.7	0.0	
40	QPSK	50	26	19.92	20.12	19.95	21.7	0.0	
40	QPSK	50	56	19.91	20.08	19.90			
40	QPSK	100	0	19.93	20.06	19.98	21.7	0.0	
40	16QAM	1	1	19.88	20.01	20.01	21.7	0.0	
40	64QAM	1	1	19.98	20.06	19.91	21.7	0.0	
40	256QAM	1	1	17.95	17.85	17.88	19.5	2.2	
Channel				517002	516900	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2596	2600.99			
30	QPSK	1	1	19.92	20.09	19.84	21.7	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2596	2610			
20	QPSK	1	1	19.92	20.06	19.83	21.7	0.0	
Channel				515202	519000	522403	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2596	2612.49			
15	QPSK	1	1	19.91	20.08	19.83	21.7	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2596	2614.98			
10	QPSK	1	1	19.92	20.08	19.84	21.7	0.0	

n41 Ant 1 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				505202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	20.07	20.17	20.09			
100	PI/2 BPSK	1	137	20.07	20.17	20.07	21.7	0.0	
100	PI/2 BPSK	1	271	20.11	20.18	20.06			
100	PI/2 BPSK	135	0	20.04	20.16	20.03	21.7	0.0	
100	PI/2 BPSK	135	69	20.07	20.16	20.07	21.7	0.0	
100	PI/2 BPSK	135	138	20.09	20.16	20.04	21.7	0.0	
100	PI/2 BPSK	270	0	20.08	20.17	20.07			
100	QPSK	1	1	20.07	20.19	20.06			
100	QPSK	1	137	20.03	20.14	20.02	21.7	0.0	
100	QPSK	1	271	20.07	20.15	20.08			
100	QPSK	135	0	20.03	20.15	20.04	21.7	0.0	
100	QPSK	135	69	20.04	20.16	20.04	21.7	0.0	
100	QPSK	135	138	20.04	20.13	20.04	21.7	0.0	
100	QPSK	270	0	20.08	20.16	20.05			
100	16QAM	1	1	20.04	20.16	20.04	21.7	0.0	
100	64QAM	1	1	20.04	20.14	20.04	21.7	0.0	
100	256QAM	1	1	17.95	17.99	17.85	19.5	2.2	
Channel				506200	518598	529996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	20.07	20.11	20.04	21.7	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	20.05	20.10	20.03	21.7	0.0	
Channel				505202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	20.07	20.09	20.05	21.7	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	20.06	20.10	20.04	21.7	0.0	
Channel				504204	518598	532996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2621.02	2592.99	2664.99			
50	QPSK	1	1	20.07	20.09	20.04	21.7	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	20.06	20.11	20.04	21.7	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	20.06	20.11	20.04	21.7	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	20.06	20.10	20.05	21.7	0.0	
Channel				500700	518598	536996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	20.05	20.09	20.05	21.7	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	20.07	20.11	20.03	21.7	0.0	

n5 Ant 4 DS13								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				834	836.5	839		
Frequency (MHz)								
20	PI2 BPSK	1	1	21.36	21.67	21.50	23.2	0.0
20	PI2 BPSK	1	53	21.42	21.61	21.43		
20	PI2 BPSK	1	104	21.37	21.57	21.48		
20	PI2 BPSK	50	0	21.58	21.64	21.44	23.2	0.0
20	PI2 BPSK	50	28	21.58	21.82	21.31	23.2	0.0
20	PI2 BPSK	50	56	21.58	21.48	21.45	23.2	0.0
20	PI2 BPSK	100	0	21.56	21.50	21.59		
20	QPSK	1	1	21.47	21.83	21.45		
20	QPSK	1	53	21.52	21.74	21.48	23.2	0.0
20	QPSK	1	104	21.38	21.59	21.49		
20	QPSK	50	0	21.51	21.66	21.55	23.0	0.2
20	QPSK	50	28	21.40	21.71	21.31	23.2	0.0
20	QPSK	50	56	21.30	21.59	21.33	23.0	0.2
20	QPSK	100	0	21.42	21.74	21.57		
20	16QAM	1	1	21.38	21.61	21.38	23.0	0.2
20	64QAM	1	1	20.44	20.66	20.57	21.5	1.7
20	256QAM	1	1	18.36	18.66	18.39	19.5	3.7
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.37	21.58	21.36	23.2	0.0
Channel				165000	167000	168000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	834.5	844		
10	QPSK	1	1	21.38	21.60	21.38	23.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				828.5	833.5	840.5		
5	QPSK	1	1	21.39	21.60	21.36	23.2	0.0

n7 Ant 4 DS13								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 504000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 510000	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	14.89	15.08	14.83		
40	PI2 BPSK	1	108	14.88	15.04	14.80	16.6	0.0
40	PI2 BPSK	1	214	14.91	15.00	14.82		
40	PI2 BPSK	108	0	14.82	15.10	14.90	16.6	0.0
40	PI2 BPSK	108	54	14.90	15.09	14.82	16.6	0.0
40	PI2 BPSK	108	108	15.00	15.17	14.93		
40	PI2 BPSK	216	0	14.91	15.01	14.88	16.6	0.0
40	QPSK	1	1	14.84	15.15	14.90		
40	QPSK	1	108	14.96	15.01	14.89	16.6	0.0
40	QPSK	1	214	14.86	15.12	14.91		
40	QPSK	108	0	14.92	15.05	14.94	16.6	0.0
40	QPSK	108	54	14.88	15.09	14.84	16.6	0.0
40	QPSK	108	108	14.91	15.08	14.86		
40	QPSK	216	0	14.95	15.05	14.97	16.6	0.0
40	16QAM	1	1	14.84	15.04	14.80	16.6	0.0
40	64QAM	1	1	14.92	14.95	14.94	16.6	0.0
40	256QAM	1	1	14.85	15.00	14.81	16.6	0.0
Channel				507000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.75	15.06	14.82	16.6	0.0
Channel				507000	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2562.5		
25	QPSK	1	1	14.74	15.07	14.80	16.6	0.0
Channel				507000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	14.76	15.07	14.81	16.6	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.76	15.07	14.80	16.6	0.0
Channel				501500	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506	2535	2565		
10	QPSK	1	1	14.74	15.07	14.80	16.6	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.75	15.06	14.82	16.6	0.0

n26 Ant 4 DS13								
BW (MHz)	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	PI2 BPSK	1	1	21.47	21.79	21.60		
20	PI2 BPSK	1	53	21.56	21.78	21.58	23.2	0.0
20	PI2 BPSK	1	104	21.47	21.70	21.64		
20	PI2 BPSK	50	0	21.66	21.77	21.55	23.2	0.0
20	PI2 BPSK	50	28	21.64	21.88	21.49	23.2	0.0
20	PI2 BPSK	50	56	21.64	21.72	21.62		
20	PI2 BPSK	100	0	21.70	21.67	21.65	23.2	0.0
20	QPSK	1	1	21.69	21.90	21.67		
20	QPSK	1	53	21.67	21.82	21.56	23.2	0.0
20	QPSK	1	104	21.61	21.75	21.71		
20	QPSK	50	0	21.65	21.76	21.63	23.0	0.2
20	QPSK	50	28	21.54	21.78	21.54	23.2	0.0
20	QPSK	50	56	21.54	21.74	21.49	23.0	0.2
20	QPSK	100	0	21.51	21.85	21.68		
20	16QAM	1	1	21.56	21.77	21.62	23.0	0.2
20	64QAM	1	1	20.60	20.79	20.68	21.5	1.7
20	256QAM	1	1	18.45	18.75	18.59	19.5	3.7
Channel				165300	166300	166300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5 <th>831.5</th> <th>841.5</th> <th></th> <th></th>	831.5	841.5		
15	QPSK	1	1	21.61	21.80	21.59	23.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				818	831.5	844		
10	QPSK	1	1	21.61	21.80	21.57	23.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.55	21.55	21.53	23.2	0.0

n38 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				516004	519000	519996	16.8	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.76	15.76	15.66	16.8	0.0
40	PI/2 BPSK	1	53	15.90	15.86	15.77		
40	PI/2 BPSK	1	104	15.87	15.63	15.76		
40	PI/2 BPSK	50	0	15.72	15.70	15.70		
40	PI/2 BPSK	50	26	15.73	15.75	15.77	16.8	0.0
40	PI/2 BPSK	50	56	15.71	15.75	15.63	16.8	0.0
40	PI/2 BPSK	100	0	15.72	15.71	15.76		
40	QPSK	1	1	15.66	15.93	15.82		
40	QPSK	1	53	15.71	15.79	15.65		
40	QPSK	1	104	15.70	15.86	15.78	16.8	0.0
40	QPSK	50	0	15.90	15.91	15.87		
40	QPSK	50	26	15.72	15.80	15.76		
40	QPSK	50	56	15.80	15.82	15.83		
40	QPSK	100	0	15.83	15.85	15.81	16.8	0.0
40	16QAM	1	1	15.70	15.87	15.75		
40	64QAM	1	1	15.73	15.85	15.81		
40	256QAM	1	1	15.84	15.70	15.78		
Channel				517002	519000	520998	16.8	0.0
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.58	15.84	15.74	16.8	0.0
Channel				516000	519000	522000	16.8	0.0
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	15.58	15.83	15.74	16.8	0.0
Channel				515202	519000	522408	16.8	0.0
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.58	15.83	15.73	16.8	0.0
Channel				515004	519000	522996	16.8	0.0
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.56	15.83	15.74	16.8	0.0

n41 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				505202	518598	520000	16.8	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.85	15.89	15.81	16.8	0.0
100	PI/2 BPSK	1	137	15.92	15.92	15.93		
100	PI/2 BPSK	1	271	15.92	15.79	15.81		
100	PI/2 BPSK	135	0	15.80	15.80	15.81		
100	PI/2 BPSK	135	69	15.88	15.83	15.81	16.8	0.0
100	PI/2 BPSK	135	138	15.84	15.80	15.80		
100	PI/2 BPSK	270	0	15.82	15.81	15.83		
100	QPSK	1	1	15.84	15.99	15.95		
100	QPSK	1	137	15.79	15.95	15.83	16.8	0.0
100	QPSK	1	271	15.83	15.87	15.91		
100	QPSK	135	0	15.84	15.95	15.79		
100	QPSK	135	69	15.87	15.91	15.91		
100	QPSK	135	138	15.88	15.92	15.90	16.8	0.0
100	QPSK	270	0	15.85	15.90	15.82		
100	16QAM	1	1	15.78	15.92	15.92		
100	64QAM	1	1	15.92	15.96	15.92		
100	256QAM	1	1	15.91	15.81	15.84	16.8	0.0
Channel				506200	518598	520998	16.8	0.0
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.74	15.86	15.86	16.8	0.0
Channel				507204	518598	520998	16.8	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.76	15.88	15.87	16.8	0.0
Channel				508202	518598	531000	16.8	0.0
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.76	15.86	15.86	16.8	0.0
Channel				505200	518598	531996	16.8	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.76	15.86	15.85	16.8	0.0
Channel				504204	518598	532996	16.8	0.0
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.74	15.87	15.85	16.8	0.0
Channel				503202	518598	534000	16.8	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.74	15.87	15.86	16.8	0.0
Channel				502200	518598	534996	16.8	0.0
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.76	15.88	15.85	16.8	0.0
Channel				501204	518598	535998	16.8	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.76	15.88	15.85	16.8	0.0
Channel				500700	518598	536496	16.8	0.0
Frequency (MHz)				2501.5	2592.99	2682.48		
15	QPSK	1	1	15.75	15.87	15.87	16.8	0.0
Channel				500202	518598	537000	16.8	0.0
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.74	15.86	15.87	16.8	0.0

PC2&PC3 Part270 n77 Ant 5 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				650000	650000	650000	17.7	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	16.08	16.19	16.23	17.7	0.0	
100	PI/2 BPSK	1	137	16.20	16.24	16.08			
100	PI/2 BPSK	1	271	16.18	16.25	16.28			
100	PI/2 BPSK	135	0	16.06	16.30	16.24			
100	PI/2 BPSK	135	69	16.02	16.30	16.09	17.7	0.0	
100	PI/2 BPSK	135	138	16.15	16.26	16.17			
100	PI/2 BPSK	270	0	16.06	16.23	16.19			
100	QPSK	1	1	16.13	16.31	16.16			
100	QPSK	1	137	16.19	16.22	16.17	17.7	0.0	
100	QPSK	1	271	16.17	16.25	16.18			
100	QPSK	135	0	16.11	16.23	16.16			
100	QPSK	135	69	16.09	16.26	16.14			
100	QPSK	135	138	16.16	16.25	16.08	17.7	0.0	
100	QPSK	270	0	16.10	16.26	16.16			
100	16QAM	1	1	16.17	16.17	16.11		17.7	
100	64QAM	1	1	16.05	16.38	16.13			
100	256QAM	1	1	16.12	16.25	16.19	17.7	0.0	
Channel				649668	650000	650334	17.7	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	16.04	16.21	16.08	17.7	0.0	
Channel				649334	650000	650668	17.7	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	16.03	16.23	16.07	17.7	0.0	
Channel				649000	650000	651000	17.7	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	16.04	16.22	16.08	17.7	0.0	
Channel				648668	650000	653334	17.7	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	16.04	16.21	16.07	17.7	0.0	
Channel				648334	650000	653668	17.7	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	16.05	16.21	16.08	17.7	0.0	
Channel				648000	650000	654000	17.7	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	16.03	16.21	16.06	17.7	0.0	
Channel				647668	650000	654334	17.7	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	16.03	16.21	16.08	17.7	0.0	
Channel				647334	650000	654668	17.7	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	16.04	16.22	16.08	17.7	0.0	
Channel				647000	650000	655000	17.7	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	16.04	16.23	16.06	17.7	0.0	
Channel				647000	650000	655000	17.7	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	16.03	16.21	16.06	17.7	0.0	

PC2&PC3 Part270 n78 Ant 5 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				650000	650000	650000	17.7	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1			16.09	17.7	0.0	
100	PI/2 BPSK	1	137			16.06			
100	PI/2 BPSK	1	271			16.05			
100	PI/2 BPSK	135	0			16.23			
100	PI/2 BPSK	135	69			16.13	17.7	0.0	
100	PI/2 BPSK	135	138			16.09			
100	PI/2 BPSK	270	0			16.15			
100	QPSK	1	1			16.23			
100	QPSK	1	137			16.15	17.7	0.0	
100	QPSK	1	271			16.18			
100	QPSK	135	0			16.23			
100	QPSK	135	69			16.17			
100	QPSK	135	138			16.14	17.7	0.0	
100	QPSK	270	0			16.03			
100	16QAM	1	1			16.07		17.7	
100	64QAM	1	1			16.16			
100	256QAM	1	1			16.13	17.7	0.0	
Channel				649668	650000	650334	17.7	0.0	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	16.12	16.14	16.10	17.7	0.0	
Channel				649334	650000	650668	17.7	0.0	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	16.11	16.15	16.05	17.7	0.0	
Channel				649000	650000	651000	17.7	0.0	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	16.12	16.14	16.09	17.7	0.0	
Channel				648668	650000	651334	17.7	0.0	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	16.11	16.15	16.09	17.7	0.0	
Channel				648334	650000	651668	17.7	0.0	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	16.13	16.15	16.10	17.7	0.0	
Channel				648000	650000	652000	17.7	0.0	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	16.13	16.13	16.09	17.7	0.0	
Channel				647668	650000	652334	17.7	0.0	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	16.05	16.02	16.03	17.7	0.0	
Channel				647334	650000	652668	17.7	0.0	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	16.11	16.14	16.09	17.7	0.0	
Channel				647000	650000	652934	17.7	0.0	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	16.12	16.14	16.09	17.7	0.0	
Channel				647000	650000	653000	17.7	0.0	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	16.11	16.14	16.10	17.7	0.0	

PC2&PC3 Part270 n77 Ant 7.DS13											
BW [MHz]	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	15.95	15.95	15.69	17.4	0.0			
100	PI/2 BPSK	1	137	15.80	15.84	15.80					
100	PI/2 BPSK	1	271	15.82	15.75	15.80					
100	PI/2 BPSK	135	0	15.80	15.93	15.69					
100	PI/2 BPSK	135	69	15.92	15.88	15.72	17.4	0.0			
100	PI/2 BPSK	135	138	15.76	15.85	15.62					
100	PI/2 BPSK	270	0	15.89	15.82	15.67					
100	QPSK	1	1	15.81	15.99	15.77					
100	QPSK	1	137	15.86	15.84	15.78	17.4	0.0			
100	QPSK	1	271	15.77	15.87	15.85					
100	QPSK	135	0	15.70	15.90	15.85					
100	QPSK	135	69	15.78	15.95	15.68					
100	QPSK	135	138	15.77	15.78	15.69	17.4	0.0			
100	QPSK	270	0	15.88	15.93	15.75					
100	16QAM	1	1	15.90	15.95	15.64		17.4			
100	64QAM	1	1	15.90	15.92	15.80					
100	256QAM	1	1	15.76	15.90	15.66					
Channel				648668	656000	662334	Tune-up limit (dBm)				
Frequency (MHz)				3745.02	3840	3935.01					
90	QPSK	1	1	15.72	15.90	15.68	17.4	0.0			
Channel				649334	656000	662668					
Frequency (MHz)				3740.01	3840	3940.02					
80	QPSK	1	1	15.73	15.89	15.68		17.4			
Channel				649000	656000	663000					
Frequency (MHz)				3735	3840	3945					
70	QPSK	1	1	15.72	15.89	15.68		17.4			
Channel				648668	656000	663334					
Frequency (MHz)				3730.02	3840	3950.01					
60	QPSK	1	1	15.72	15.90	15.68		17.4			
Channel				648334	656000	663668					
Frequency (MHz)				3725.01	3840	3955.02					
50	QPSK	1	1	15.73	15.89	15.69		17.4			
Channel				648000	656000	664000					
Frequency (MHz)				3720	3840	3960					
40	QPSK	1	1	15.73	15.91	15.68		17.4			
Channel				647668	656000	664334					
Frequency (MHz)				3715.02	3840	3965.01					
30	QPSK	1	1	15.73	15.89	15.69		17.4			
Channel				647334	656000	664668					
Frequency (MHz)				3710.01	3840	3970.02					
20	QPSK	1	1	15.71	15.90	15.69		17.4			
Channel				647000	656000	665000					
Frequency (MHz)				3707.52	3840	3972.51					
15	QPSK	1	1	15.73	15.89	15.68		17.4			
Channel				647000	656000	665000					
Frequency (MHz)				3705	3840	3975					
10	QPSK	1	1	15.71	15.90	15.68		17.4			
							0.0				

PC2&PC3 Part270 n78 Ant 7 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dB)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1	15.72			17.4	0.0
100	PI/2 BPSK	1	137	15.57				
100	PI/2 BPSK	1	271	15.73				
100	PI/2 BPSK	135	0	15.93				
100	PI/2 BPSK	135	69	15.89			17.4	0.0
100	PI/2 BPSK	135	138	15.73			17.4	0.0
100	PI/2 BPSK	270	0	15.60				
100	QPSK	1	1	15.64	15.94		17.4	0.0
100	QPSK	1	137	15.78				
100	QPSK	1	271	15.78				
100	QPSK	135	0	15.84				
100	QPSK	135	69	15.85			17.4	0.0
100	QPSK	135	138	15.57			17.4	0.0
100	QPSK	270	0	15.85				
100	16QAM	1	1	15.70			17.4	0.0
100	64QAM	1	1	15.80			17.4	0.0
100	256QAM	1	1	15.81			17.4	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	15.91	15.94	15.90	17.4	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	15.93	15.94	15.88	17.4	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	15.92	15.94	15.89	17.4	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	15.91	15.94	15.88	17.4	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	15.91	15.95	15.88	17.4	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	15.92	15.96	15.90	17.4	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	15.93	15.96	15.90	17.4	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	15.92	15.96	15.90	17.4	0.0
Channel				647000	650000	652934	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	15.91	15.94	15.89	17.4	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	15.98	15.89	15.85	17.4	0.0

Part270 n77 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	21.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.55	19.50	19.70	21.0	0.0	
100	PI/2 BPSK	1	137	19.53	19.50	19.52			
100	PI/2 BPSK	1	271	19.44	19.52	19.53			
100	PI/2 BPSK	135	0	18.91	19.13	19.03		0.5	
100	PI/2 BPSK	135	69	19.45	19.72	19.59	21.0	0.0	
100	PI/2 BPSK	135	138	19.10	19.11	18.98			
100	PI/2 BPSK	270	0	18.98	19.09	18.99	20.5	0.5	
100	QPSK	1	1	19.53	19.85	19.84			
100	QPSK	1	137	19.41	19.46	19.47	21.0	0.0	
100	QPSK	1	271	19.42	19.78	19.50			
100	QPSK	135	0	18.88	18.66	18.79		1.0	
100	QPSK	135	69	19.49	19.58	19.57		0.0	
100	QPSK	135	138	18.56	18.65	18.54	20.0	1.0	
100	QPSK	270	0	18.38	18.44	18.36			
100	16QAM	1	1	18.76	18.63	18.59	20.0	1.0	
100	64QAM	1	1	17.03	16.97	17.07		2.5	
100	256QAM	1	1	15.02	15.20	15.09	18.5	4.5	
Channel				648668	650000	662334	21.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	19.43	19.76	19.54	21.0	23.3	
Channel				649334	650000	662668	21.0	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	19.43	19.75	19.55	21.0	0.0	
Channel				649000	650000	663000	21.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	19.45	19.76	19.55	21.0	0.0	
Channel				648668	650000	663334	21.0	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	19.44	19.76	19.55	21.0	0.0	
Channel				648334	650000	663000	21.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	19.44	19.75	19.55	21.0	0.0	
Channel				648000	650000	664000	21.0	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	19.43	19.76	19.56	21.0	0.0	
Channel				647668	650000	663334	21.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	19.44	19.75	19.56	21.0	0.0	
Channel				647334	650000	664668	21.0	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	19.43	19.77	19.55	21.0	0.0	
Channel				647000	650000	664334	21.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	19.43	19.75	19.55	21.0	0.0	
Channel				647000	650000	665000	21.0	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	19.45	19.51	19.49	21.0	0.0	

Part270 n77 PC2 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	23.3	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	21.61	21.83	21.36	23.3	0.0	
100	PI/2 BPSK	1	137	21.59	21.81	21.37			
100	PI/2 BPSK	1	271	21.71	21.79	21.45			
100	PI/2 BPSK	135	0	21.63	21.68	21.40		0.0	
100	PI/2 BPSK	135	69	21.54	21.77	21.46	23.3	0.0	
100	PI/2 BPSK	135	138	21.63	21.75	21.50			
100	PI/2 BPSK	270	0	21.66	21.71	21.36	23.3	0.0	
100	QPSK	1	1	21.65	21.89	21.48			
100	QPSK	1	137	21.55	21.68	21.38	23.3	0.0	
100	QPSK	1	271	21.63	21.71	21.49			
100	QPSK	135	0	21.67	21.73	21.42		0.0	
100	QPSK	135	69	21.65	21.79	21.42		0.0	
100	QPSK	135	138	21.64	21.75	21.36	23.3	0.0	
100	QPSK	270	0	21.70	21.79	21.47			
100	16QAM	1	1	21.57	21.73	21.47	23.3	0.0	
100	64QAM	1	1	19.81	20.01	19.75		1.8	
100	256QAM	1	1	17.83	18.05	17.65	19.5	3.8	
Channel				648668	650000	662334	23.3	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	21.56	21.79	21.38	23.3	0.0	
Channel				649334	650000	662668	23.3	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	21.55	21.81	21.38	23.3	0.0	
Channel				649000	650000	663000	23.3	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	21.55	21.80	21.38	23.3	0.0	
Channel				648668	650000	663334	23.3	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	21.57	21.80	21.38	23.3	0.0	
Channel				648334	650000	663000	23.3	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	21.57	21.80	21.40	23.3	0.0	
Channel				648000	650000	664000	23.3	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	21.57	21.79	21.39	23.3	0.0	
Channel				647668	650000	663334	23.3	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	21.56	21.79	21.39	23.3	0.0	
Channel				647334	650000	664668	23.3	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	21.55	21.81	21.40	23.3	0.0	
Channel				647000	650000	664334	23.3	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	21.57	21.80	21.40	23.3	0.0	
Channel				647000	650000	665000	23.3	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	21.57	21.81	21.39	23.3	0.0	

Part270 n78 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1		19.37				
100	PV2 BPSK	1	137		19.39		21.0	0.0	
100	PV2 BPSK	1	271		19.39				
100	PV2 BPSK	135	0		18.95		20.5	0.5	
100	PV2 BPSK	135	69		19.35		21.0	0.0	
100	PV2 BPSK	135	138		19.02				
100	PV2 BPSK	270	0		19.07		20.5	0.5	
100	QPSK	1	1		19.83				
100	QPSK	1	137		19.39		21.0	0.0	
100	QPSK	1	271		19.75				
100	QPSK	135	0		18.61		20.0	1.0	
100	QPSK	135	69		19.40		21.0	0.0	
100	QPSK	135	138		18.47				
100	QPSK	270	0		18.31		20.0	1.0	
100	16QAM	1	1		18.55		20.0	1.0	
100	64QAM	1	1		16.89		18.5	2.5	
100	256QAM	1	1		15.10		16.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1		19.68	19.73	21.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1		19.69	19.75	21.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1		19.68	19.74	21.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1		19.70	19.74	21.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1		19.69	19.73	21.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1		19.70	19.75	21.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1		19.68	19.71	21.0	0.0	

Part270 n78 PC2 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1		21.71				
100	PV2 BPSK	1	137		21.53		23.3	0.0	
100	PV2 BPSK	1	271		21.50				
100	PV2 BPSK	135	0		21.49		23.3	0.0	
100	PV2 BPSK	135	69		21.59		23.3	0.0	
100	PV2 BPSK	135	138		21.61				
100	PV2 BPSK	270	0		21.49		23.3	0.0	
100	QPSK	1	1		21.77				
100	QPSK	1	137		21.50		23.3	0.0	
100	QPSK	1	271		21.46				
100	QPSK	135	0		21.48		23.3	0.0	
100	QPSK	135	69		21.50		23.3	0.0	
100	QPSK	135	138		21.56				
100	QPSK	270	0		21.53		23.3	0.0	
100	16QAM	1	1		21.55		23.3	0.0	
100	64QAM	1	1		19.75		21.5	1.8	
100	256QAM	1	1		18.01		19.5	3.8	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1		21.60	21.67	21.58	23.3	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1		21.60	21.67	21.59	23.3	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1		21.58	21.67	21.58	23.3	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1		21.58	21.69	21.57	23.3	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1		21.58	21.69	21.57	23.3	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1		21.58	21.67	21.59	23.3	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1		21.59	21.67	21.57	23.3	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1		21.60	21.69	21.58	23.3	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1		21.60	21.67	21.57	23.3	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1		21.59	21.69	21.59	23.3	

Reduced Power Mode for DSI4

n5 Ant 0 DSI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				834	836.5	839	24.0	0.0
Frequency (MHz)								
20	QPSK	1	1	23.15	23.19	23.18		
20	QPSK	1	53	23.12	23.08	22.88		
20	QPSK	1	104	22.89	22.99	23.02	23.0	1.0
20	QPSK	50	0	21.94	22.13	22.16		
20	QPSK	50	28	23.07	23.08	22.91		
20	QPSK	50	56	21.91	22.08	22.04		
20	QPSK	100	0	22.06	22.14	22.03	23.0	1.0

n26 Ant 0 DSI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				824	831.5	839	24.0	0.0
Frequency (MHz)								
20	QPSK	1	1	23.45	23.56	23.50		
20	QPSK	1	53	23.25	23.53	23.36		
20	QPSK	1	104	23.43	23.41	23.51	23.0	1.0
20	QPSK	50	0	22.55	22.56	22.43		
20	QPSK	50	28	23.40	23.50	23.33		
20	QPSK	50	56	22.41	22.57	22.63		
20	QPSK	100	0	22.38	22.48	22.46	23.0	1.0

n7 Ant 1 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				54000	50700	51000	24.0	0.0
Frequency (MHz)				2590	2635	2650		
40	QPSK	1	1	23.15	23.20	23.01		
40	QPSK	1	108	22.96	22.95	23.08		
40	QPSK	1	214	22.99	23.08	22.87	23.0	1.0
40	QPSK	108	0	21.82	22.09	21.52		
40	QPSK	108	54	22.72	22.94	22.76		
40	QPSK	108	108	21.90	21.85	22.07		
40	QPSK	216	0	21.99	22.07	21.94	23.0	1.0

n38 Ant 1 DS14								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516000	516996	24.0	0.0
Frequency (MHz)				2580.02	2656	2699.98		
40	PI/2 BPSK	1	1	22.71	22.80	22.74	24.0	0.0
40	PI/2 BPSK	1	53	22.73	22.81	22.78		
40	PI/2 BPSK	1	104	22.73	22.79	22.77	23.5	0.5
40	PI/2 BPSK	50	0	22.25	22.34	22.27		
40	PI/2 BPSK	50	26	22.69	22.76	22.77	24.0	0.0
40	PI/2 BPSK	50	56	22.26	22.33	22.28		
40	PI/2 BPSK	100	0	22.23	22.35	22.28	24.0	0.0
40	QPSK	1	1	22.73	22.84	22.72		
40	QPSK	1	53	22.73	22.77	22.75	23.0	1.0
40	QPSK	1	104	22.69	22.75	22.74		
40	QPSK	50	0	21.79	21.82	21.82	24.0	0.0
40	QPSK	50	26	22.72	22.81	22.73		
40	QPSK	50	56	21.75	21.80	21.79	23.0	1.0
40	QPSK	100	0	21.74	21.83	21.77		
40	16QAM	1	1	21.77	21.83	21.79	23.0	1.0
40	64QAM	1	1	20.21	20.28	20.23		
40	256QAM	1	1	18.25	18.25	18.22	19.5	4.5
Channel				517002	516900	520998	24.0	0.0
Frequency (MHz)				2585.01	2596	2600.99		
30	QPSK	1	1	22.64	22.74	22.63	24.0	0.0
Channel				516000	519000	522000		
Frequency (MHz)				2580	2596	2610	24.0	0.0
20	QPSK	1	1	22.66	22.75	22.63		
Channel				516302	519000	522400	24.0	0.0
Frequency (MHz)				2577.51	2596	2612.49		
15	QPSK	1	1	22.64	22.76	22.64	24.0	0.0
Channel				515004	519000	522996		
Frequency (MHz)				2575.02	2596	2614.98	24.0	0.0
10	QPSK	1	1	22.64	22.74	22.63		

n41 Ant 1 DS14								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	516598	526000	24.0	0.0
Frequency (MHz)				2646.01	2692.99	2740		
100	PI/2 BPSK	1	1	22.71	22.84	22.77	24.0	0.0
100	PI/2 BPSK	1	137	22.74	22.83	22.81		
100	PI/2 BPSK	1	271	22.74	22.79	22.79	23.5	0.5
100	PI/2 BPSK	135	0	22.24	22.35	22.31		
100	PI/2 BPSK	135	69	22.71	22.81	22.79	24.0	0.0
100	PI/2 BPSK	135	138	22.28	22.36	22.31		
100	PI/2 BPSK	270	0	22.25	22.34	22.33	24.0	0.0
100	QPSK	1	1	22.72	22.86	22.81		
100	QPSK	1	137	22.72	22.80	22.75	23.0	1.0
100	QPSK	1	271	22.71	22.79	22.76		
100	QPSK	135	0	21.74	21.88	21.85	24.0	0.0
100	QPSK	135	69	22.65	22.84	22.79		
100	QPSK	135	138	21.74	21.85	21.86	23.0	1.0
100	QPSK	270	0	21.78	21.84	21.81		
100	16QAM	1	1	21.77	21.84	21.82	23.0	1.0
100	64QAM	1	1	20.25	20.36	20.30		
100	256QAM	1	1	18.26	18.35	18.35	19.5	4.5
Channel				506200	516598	526996	24.0	0.0
Frequency (MHz)				2641	2692.99	2644.98		
90	QPSK	1	1	22.56	22.63	22.60	24.0	0.0
Channel				507204	516598	526998		
Frequency (MHz)				2636.02	2692.99	2649.99	24.0	0.0
80	QPSK	1	1	22.59	22.62	22.64		
Channel				506202	516598	531000	24.0	0.0
Frequency (MHz)				2631.01	2692.99	2655		
70	QPSK	1	1	22.61	22.57	22.61	24.0	0.0
Channel				505200	516598	531996		
Frequency (MHz)				2626	2692.99	2659.98	24.0	0.0
60	QPSK	1	1	22.60	22.63	22.64		
Channel				504204	516598	532996	24.0	0.0
Frequency (MHz)				2621.02	2692.99	2664.99		
50	QPSK	1	1	22.63	22.56	22.57	24.0	0.0
Channel				503202	516598	534000		
Frequency (MHz)				2616.01	2692.99	2670	24.0	0.0
40	QPSK	1	1	22.62	22.60	22.62		
Channel				502200	516598	534996	24.0	0.0
Frequency (MHz)				2611	2692.99	2674.98		
30	QPSK	1	1	22.60	22.59	22.64	24.0	0.0
Channel				501204	516598	535998		
Frequency (MHz)				2606.02	2692.99	2679.99	24.0	0.0
20	QPSK	1	1	22.63	22.58	22.62		
Channel				500700	516598	536496	24.0	0.0
Frequency (MHz)				2601.5	2692.99	2682.48		
15	QPSK	1	1	22.61	22.57	22.61	24.0	0.0
Channel				500202	516598	537000		
Frequency (MHz)				2601.01	2692.99	2685	24.0	0.0
10	QPSK	1	1	22.63	22.60	22.56		

Part270 n77 PC2 Ant 3 DS14									
BW [MHz]	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	660000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.30	19.34	19.14	20.6	0.0	
100	PI/2 BPSK	1	137	19.40	19.42	19.23			
100	PI/2 BPSK	1	271	19.33	19.32	19.22			
100	PI/2 BPSK	135	0	19.34	19.46	19.29			
100	PI/2 BPSK	135	69	19.29	19.46	19.24	20.6	0.0	
100	PI/2 BPSK	135	138	19.42	19.44	19.21			
100	PI/2 BPSK	270	0	19.29	19.40	19.26			
100	QPSK	1	1	19.37	19.42	19.22			
100	QPSK	1	137	19.33	19.45	19.17	20.6	0.0	
100	QPSK	1	271	19.34	19.33	19.30			
100	QPSK	135	0	19.32	19.42	19.25			
100	QPSK	135	69	19.37	19.44	19.13			
100	QPSK	135	138	19.31	19.35	19.27	20.6	0.0	
100	QPSK	270	0	19.31	19.41	19.22			
100	16QAM	1	1	19.36	19.34	19.23			
100	64QAM	1	1	19.39	19.41	19.29			
100	256QAM	1	1	18.15	18.21	18.23	19.5	1.1	
Channel				648668	660000	662334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	1	19.27	19.33	19.13	20.6	0.0	
Channel				649334	660000	662668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	19.28	19.34	19.13	20.6	0.0	
Channel				648000	660000	663000	Tune-up limit	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	QPSK	1	1	19.28	19.33	19.12	20.6	0.0	
Channel				648668	660000	663334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	19.27	19.34	19.12	20.6	0.0	
Channel				648334	660000	663668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	19.27	19.34	19.14	20.6	0.0	
Channel				648000	660000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	19.29	19.32	19.12	20.6	0.0	
Channel				647668	660000	664334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	19.27	19.34	19.14	20.6	0.0	
Channel				647334	660000	664668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	19.28	19.32	19.14	20.6	0.0	
Channel				647168	660000	664834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	19.27	19.34	19.12	20.6	0.0	
Channel				647000	660000	665000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	19.21	19.25	19.19	20.6	0.0	

Part270 n78 PC2 Ant 3 DS14									
BW [MHz]	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					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	19.31			20.6	0.0	
100	PI/2 BPSK	1	137	19.41					
100	PI/2 BPSK	1	271	19.39					
100	PI/2 BPSK	135	0	19.41					
100	PI/2 BPSK	135	69	19.43			20.6	0.0	
100	PI/2 BPSK	135	138	19.44					
100	PI/2 BPSK	270	0	19.38					
100	QPSK	1	1	19.49					
100	QPSK	1	137	19.36			20.6	0.0	
100	QPSK	1	271	19.43					
100	QPSK	135	0	19.44					
100	QPSK	135	69	19.45					
100	QPSK	135	138	19.44			20.6	0.0	
100	QPSK	270	0	19.41					
100	16QAM	1	1	19.41					
100	64QAM	1	1	19.38					
100	256QAM	1	1	18.18			19.5	1.1	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	19.35	19.41	19.34	20.6	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	19.35	19.41	19.34	20.6	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	19.36	19.40	19.35	20.6	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	19.35	19.40	19.34	20.6	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	19.37	19.39	19.34	20.6	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	19.37	19.39	19.34	20.6	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	19.35	19.39	19.35	20.6	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	19.36	19.41	19.34	20.6	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	19.36	19.41	19.33	20.6	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	19.36	19.40	19.34	20.6	0.0	

n5 Ant 4 DS14								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166400	167300	167800		
Frequency (MHz)				834	836.5	838		
20	QPSK	1	1	23.03	23.13	23.10		
20	QPSK	1	53	22.92	23.02	23.08	24.0	0.0
20	QPSK	1	104	22.80	23.01	22.85		
20	QPSK	50	0	22.01	22.00	22.04	23.0	1.0
20	QPSK	50	26	22.97	22.96	22.96	24.0	0.0
20	QPSK	50	56	21.90	21.93	21.76		
20	QPSK	100	0	21.81	21.92	21.79	23.0	1.0
20	16QAM	1	1	21.83	22.11	22.13	23.0	1.0
20	64QAM	1	1	20.43	20.67	20.66	21.5	2.5
20	256QAM	1	1	18.35	18.62	18.50	19.5	4.5
Channel				168300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.01	23.06	23.00	24.0	0.0
Channel				167500	167500	168500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.00	23.04	23.07	24.0	0.0
Channel				168300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				836.5	836.5	846.5		
5	QPSK	1	1	22.97	23.04	23.01	24.0	0.0

n7 Ant 4 DS14								
BW (MHz)	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	QPSK	1	1	22.20	22.30	22.20		
40	QPSK	1	108	22.02	22.12	22.29	24.0	0.0
40	QPSK	1	214	22.05	22.34	22.10		
40	QPSK	108	0	21.08	21.23	21.24	23.0	1.0
40	QPSK	108	54	22.07	22.10	22.16	24.0	0.0
40	QPSK	108	108	21.03	21.03	21.05		
40	QPSK	216	0	21.01	21.23	21.08	23.0	1.0
40	16QAM	1	1	21.07	21.34	21.37	23.0	1.0
40	64QAM	1	1	19.95	19.83	19.91	21.5	2.5
40	256QAM	1	1	17.51	17.81	17.51	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.14	22.29	22.11	24.0	0.0
Channel				505500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.17	22.32	22.12	24.0	0.0
Channel				507000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PV2 BPSK	1	1	22.12	22.33	22.14	24.0	0.0
Channel				501500	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2497.5	2534	2562.5		
15	QPSK	1	1	22.15	22.33	22.14	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.10	22.34	22.12	24.0	0.0
Channel				505000	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.13	22.29	22.14	24.0	0.0

n26 Ant 4 DS14								
BW (MHz)	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	QPSK	1	1	23.39	23.52	23.43		
20	QPSK	1	53	23.24	23.27	23.34	24.0	0.0
20	QPSK	1	104	23.07	23.43	23.21		
20	QPSK	50	0	22.43	22.20	22.27	23.0	1.0
20	QPSK	50	26	23.28	23.30	23.28	24.0	0.0
20	QPSK	50	56	22.19	22.33	21.98		
20	QPSK	100	0	22.11	22.19	22.16	23.0	1.0
20	16QAM	1	1	22.16	22.51	22.47	23.0	1.0
20	64QAM	1	1	20.85	21.63	20.80	21.5	2.5
20	256QAM	1	1	18.68	19.08	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	23.32	23.49	23.39	24.0	0.0
Channel				163500	166300	168500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				818	831.5	844		
10	QPSK	1	1	23.30	23.47	23.34	24.0	0.0
Channel				163500	166300	169500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.34	23.47	23.40	24.0	0.0

n38 Ant 4 DS14								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996	24.0	0.0
Frequency (MHz)				2590.02	2600	2599.98		
40	PI/2 BPSK	1	1	23.05	23.12	23.11	24.0	0.0
40	PI/2 BPSK	1	53	23.09	23.18	23.12		
40	PI/2 BPSK	1	104	23.08	23.13	23.13		
40	PI/2 BPSK	50	0	22.57	22.66	22.60		
40	PI/2 BPSK	50	26	23.05	23.11	23.12	24.0	0.0
40	PI/2 BPSK	50	56	22.58	22.71	22.65	23.5	0.5
40	PI/2 BPSK	100	0	22.56	22.71	22.63		
40	QPSK	1	1	23.09	23.19	23.10	24.0	0.0
40	QPSK	1	53	23.07	23.11	23.12		
40	QPSK	1	104	23.06	23.07	23.07		
40	QPSK	50	0	22.15	22.19	22.18	23.0	1.0
40	QPSK	50	26	23.05	23.13	23.10	24.0	0.0
40	QPSK	50	56	22.08	22.18	22.12	23.0	1.0
40	QPSK	100	0	22.09	22.15	22.12		
40	16QAM	1	1	22.13	22.15	22.16	23.0	1.0
40	64QAM	1	1	20.59	20.61	20.56	21.5	2.5
40	256QAM	1	1	18.61	18.63	18.57	19.5	4.5
Channel				517002	518000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2600.99		
30	QPSK	1	1	22.99	23.09	23.01	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.00	23.09	23.02	24.0	0.0
Channel				515000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.01	23.11	23.00	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.00	23.10	23.00	24.0	0.0

n41 Ant 4 DS14								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000	24.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.03	23.08	23.04	24.0	0.0
100	PI/2 BPSK	1	137	23.06	23.16	23.07		
100	PI/2 BPSK	1	271	23.06	23.09	23.11		
100	PI/2 BPSK	135	0	22.51	22.64	22.54	23.5	0.5
100	PI/2 BPSK	135	69	22.99	23.06	23.05	24.0	0.0
100	PI/2 BPSK	135	138	22.54	22.65	22.57	23.5	0.5
100	PI/2 BPSK	270	0	22.51	22.67	22.60		
100	QPSK	1	1	23.07	23.21	23.06	24.0	0.0
100	QPSK	1	137	23.03	23.06	23.06		
100	QPSK	1	271	23.01	23.04	23.01		
100	QPSK	135	0	22.08	22.15	22.15	23.0	1.0
100	QPSK	135	69	23.01	23.06	23.04	24.0	0.0
100	QPSK	135	138	22.02	22.13	22.08	23.0	1.0
100	QPSK	270	0	22.05	22.07	22.06		
100	16QAM	1	1	22.09	22.10	22.14	23.0	1.0
100	64QAM	1	1	20.51	20.58	20.52	21.5	2.5
100	256QAM	1	1	18.57	18.56	18.50	19.5	4.5
Channel				505200	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.99	23.12	22.97	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	22.97	23.11	22.97	24.0	0.0
Channel				505202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.98	23.11	22.97	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	22.97	23.13	22.96	24.0	0.0
Channel				504204	518598	532996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2621.02	2592.99	2664.99		
50	QPSK	1	1	22.99	23.11	22.96	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	22.99	23.11	22.98	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	22.98	23.12	22.97	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	22.98	23.13	22.98	24.0	0.0
Channel				500700	518598	536996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.99	23.13	22.97	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.84	22.84	22.79	24.0	0.0

Part270 n77 Ant 5 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				650000	656000	662000	24.0	0.0			
Frequency (MHz)				3750	3840	3930					
100	PI/2 BPSK	1	1	23.03	22.93	23.06	24.0	0.0			
100	PI/2 BPSK	1	137	23.02	23.00	23.08					
100	PI/2 BPSK	1	271	22.96	23.00	22.99					
100	PI/2 BPSK	135	0	22.49	22.62	22.48		0.5			
100	PI/2 BPSK	135	69	22.94	23.15	23.05	24.0	0.0			
100	PI/2 BPSK	135	138	22.52	22.72	22.52					
100	PI/2 BPSK	270	0	22.48	22.64	22.58					
100	QPSK	1	1	23.11	23.18	23.15					
100	QPSK	1	137	22.95	22.99	22.95	24.0	0.0			
100	QPSK	1	271	22.96	23.15	22.95					
100	QPSK	135	0	22.14	22.19	22.20		1.0			
100	QPSK	135	69	22.92	23.04	23.02		0.0			
100	QPSK	135	138	21.94	22.15	22.02	23.0	1.0			
100	QPSK	270	0	22.03	22.07	22.02					
100	16QAM	1	1	22.16	22.25	22.16		23.0			
100	64QAM	1	1	20.56	20.54	20.50		21.5			
100	256QAM	1	1	18.60	18.66	18.57	19.5	4.5			
Channel				648668	656000	662334	Tune-up limit				
Frequency (MHz)				3745.02	3840	3935.01	(dBm)				
90	QPSK	1	1	23.01	23.08	23.05	24.0	0.0			
Channel				649334	650000	662668	Tune-up limit				
Frequency (MHz)				3740.01	3840	3940.02	(dBm)				
80	QPSK	1	1	23.03	23.10	23.06	24.0	0.0			
Channel				649000	650000	663000	Tune-up limit				
Frequency (MHz)				3735	3840	3945	(dBm)				
70	QPSK	1	1	23.01	23.10	23.05	24.0	0.0			
Channel				648668	650000	663334	Tune-up limit				
Frequency (MHz)				3730.02	3840	3950.01	(dBm)				
60	QPSK	1	1	23.03	23.10	23.05	24.0	0.0			
Channel				648334	650000	663668	Tune-up limit				
Frequency (MHz)				3725.01	3840	3955.02	(dBm)				
50	QPSK	1	1	23.02	23.08	23.06	24.0	0.0			
Channel				648000	650000	664000	Tune-up limit				
Frequency (MHz)				3720	3840	3960	(dBm)				
40	QPSK	1	1	23.01	23.10	23.06	24.0	0.0			
Channel				647668	650000	664334	Tune-up limit				
Frequency (MHz)				3715.02	3840	3965.01	(dBm)				
30	QPSK	1	1	23.02	23.10	23.05	24.0	0.0			
Channel				647334	650000	664668	Tune-up limit				
Frequency (MHz)				3710.01	3840	3970.02	(dBm)				
20	QPSK	1	1	23.01	23.10	23.05	24.0	0.0			
Channel				647000	650000	664934	Tune-up limit				
Frequency (MHz)				3707.52	3840	3972.51	(dBm)				
15	QPSK	1	1	23.01	23.09	23.07	24.0	0.0			
Channel				647000	650000	665000	Tune-up limit				
Frequency (MHz)				3705	3840	3975	(dBm)				
10	QPSK	1	1	23.03	23.09	23.07	24.0	0.0			

Part270 n77 PC2 Ant 5 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				650000	656000	662000	27.0	0.0			
Frequency (MHz)				3750	3840	3930					
100	PI/2 BPSK	1	1	26.14	26.18	26.17	27.0	0.0			
100	PI/2 BPSK	1	137	26.15	26.13	26.09					
100	PI/2 BPSK	1	271	26.17	26.24	26.11					
100	PI/2 BPSK	135	0	25.70	25.72	25.79		0.5			
100	PI/2 BPSK	135	69	26.20	26.21	26.24	26.5	0.5			
100	PI/2 BPSK	135	138	25.71	25.76	25.74					
100	PI/2 BPSK	270	0	25.63	25.67	25.70					
100	QPSK	1	1	26.16	26.27	26.19					
100	QPSK	1	137	26.17	26.19	26.19	27.0	0.0			
100	QPSK	1	271	26.08	26.23	26.04					
100	QPSK	135	0	25.30	25.38	25.35		1.0			
100	QPSK	135	69	26.07	26.21	26.20		0.0			
100	QPSK	135	138	25.34	25.27	25.27	26.0	1.0			
100	QPSK	270	0	25.10	25.32	25.26					
100	16QAM	1	1	25.21	25.31	25.33		26.0			
100	64QAM	1	1	23.69	23.86	23.78		24.5			
100	256QAM	1	1	21.62	21.86	21.74	22.5	4.5			
Channel				649668	656000	662334	Tune-up limit				
Frequency (MHz)				3745.02	3840	3935.01	(dBm)				
90	QPSK	1	1	26.06	26.17	26.09	27.0	0.0			
Channel				649334	656000	662668	Tune-up limit				
Frequency (MHz)				3740.01	3840	3940.02	(dBm)				
80	QPSK	1	1	26.06	26.18	26.11	27.0	0.0			
Channel				649000	656000	663000	Tune-up limit				
Frequency (MHz)				3735	3840	3945	(dBm)				
70	QPSK	1	1	26.08	26.18	26.11	27.0	0.0			
Channel				648668	656000	663334	Tune-up limit				
Frequency (MHz)				3730.02	3840	3950.01	(dBm)				
60	QPSK	1	1	26.07	26.19	26.09	27.0	0.0			
Channel				648334	656000	663668	Tune-up limit				
Frequency (MHz)				3725.01	3840	3955.02	(dBm)				
50	QPSK	1	1	26.08	26.19	26.11	27.0	0.0			
Channel				648000	656000	664000	Tune-up limit				
Frequency (MHz)				3720	3840	3960	(dBm)				
40	QPSK	1	1	26.06	26.19	26.09	27.0	0.0			
Channel				647668	656000	664334	Tune-up limit				
Frequency (MHz)				3715.02	3840	3965.01	(dBm)				
30	QPSK	1	1	26.07	26.19	26.10	27.0	0.0			
Channel				647334	656000	664668	Tune-up limit				
Frequency (MHz)				3710.01	3840	3970.02	(dBm)				
20	QPSK	1	1	26.06	26.18	26.10	27.0	0.0			
Channel				647000	656000	664934	Tune-up limit				
Frequency (MHz)				3707.52	3840	3972.51	(dBm)				
15	QPSK	1	1	26.05	26.12	26.05	27.0	0.0			
Channel				647000	656000	665000	Tune-up limit				
Frequency (MHz)				3705	3840	3975	(dBm)				
10	QPSK	1	1	26.05	26.11	26.02	27.0	0.0			

Part270 n78 Ant 5 DS14									
BW [MHz]	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					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		22.90				
100	PI/2 BPSK	1	137		22.83		24.0	0.0	
100	PI/2 BPSK	1	271		22.91				
100	PI/2 BPSK	135	0		22.56		23.5	0.5	
100	PI/2 BPSK	135	69		23.11		24.0	0.0	
100	PI/2 BPSK	135	138		22.53				
100	PI/2 BPSK	270	0		22.51		23.5	0.5	
100	QPSK	1	1		23.18				
100	QPSK	1	137		22.96		24.0	0.0	
100	QPSK	1	271		23.13				
100	QPSK	135	0		22.15		23.0	1.0	
100	QPSK	135	69		22.85		24.0	0.0	
100	QPSK	135	138		22.08				
100	QPSK	270	0		21.88		23.0	1.0	
100	16QAM	1	1		22.22		23.0	1.0	
100	64QAM	1	1		20.50		21.5	2.5	
100	256QAM	1	1		18.50		19.5	4.5	
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		22.99	23.06	22.96	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		22.99	23.06	22.97	24.0	0.0
Channel				648000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		23.00	23.07	22.95	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		22.98	23.06	22.96	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		23.00	23.06	22.97	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		22.98	23.06	22.95	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		22.99	23.08	22.95	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		22.98	23.08	22.95	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		22.98	23.07	22.95	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		22.98	23.07	22.97	24.0	0.0

Part270 n78 PC2 Ant 5 DS14									
BW [MHz]	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					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		26.00				
100	PI/2 BPSK	1	137		26.11		27.0	0.0	
100	PI/2 BPSK	1	271		26.11				
100	PI/2 BPSK	135	0		25.61		26.5	0.5	
100	PI/2 BPSK	135	69		26.04		27.0	0.0	
100	PI/2 BPSK	135	138		25.67				
100	PI/2 BPSK	270	0		25.75		26.5	0.5	
100	QPSK	1	1		26.21				
100	QPSK	1	137		26.06		27.0	0.0	
100	QPSK	1	271		26.08				
100	QPSK	135	0		25.21		26.0	1.0	
100	QPSK	135	69		26.02		27.0	0.0	
100	QPSK	135	138		25.22				
100	QPSK	270	0		25.14		26.0	1.0	
100	16QAM	1	1		25.21		26.0	1.0	
100	64QAM	1	1		23.79		24.5	2.5	
100	256QAM	1	1		21.80		22.5	4.5	
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		26.07	26.11	26.03	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		26.06	26.13	26.04	27.0	0.0
Channel				648000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		26.05	26.13	26.04	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		26.05	26.11	26.05	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		26.05	26.13	26.05	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		26.06	26.11	26.04	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		26.05	26.12	26.05	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		26.07	26.13	26.03	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		26.08	26.12	26.04	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		26.07	26.12	26.03	27.0	0.0

Part270 n77 Ant 7 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				650000	650000	662000	23.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	Pi/2 BPSK	1	1	21.59	21.52	21.62	23.0	0.0	
100	Pi/2 BPSK	1	137	21.59	21.52	21.59			
100	Pi/2 BPSK	1	271	21.47	21.57	21.48			
100	Pi/2 BPSK	135	0	20.99	21.10	21.02			
100	Pi/2 BPSK	135	69	21.47	21.69	21.61	23.0	0.0	
100	Pi/2 BPSK	135	138	21.09	21.15	21.03	22.5	0.5	
100	Pi/2 BPSK	270	0	21.00	21.07	20.99	23.0	0.0	
100	QPSK	1	1	21.54	21.79	21.86			
100	QPSK	1	137	21.37	21.47	21.41			
100	QPSK	1	271	21.44	21.72	21.51			
100	QPSK	135	0	20.71	20.64	20.71	22.0	1.0	
100	QPSK	135	69	21.48	21.54	21.51	23.0	0.0	
100	QPSK	135	138	20.48	20.57	20.57	22.0	1.0	
100	QPSK	270	0	20.42	20.45	20.43	23.0	0.0	
100	16QAM	1	1	20.73	20.69	20.69			
100	64QAM	1	1	19.02	18.96	19.06			
100	256QAM	1	1	17.07	17.25	17.13			
Channel				648668	650000	662334	23.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	21.46	21.70	21.56	23.0	0.0	
Channel				649334	650000	662668	23.0	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	21.44	21.69	21.57	23.0	0.0	
Channel				649000	650000	663000	23.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	21.44	21.71	21.58	23.0	0.0	
Channel				648668	650000	663334	23.0	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	21.46	21.69	21.58	23.0	0.0	
Channel				648334	650000	663068	23.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	21.45	21.69	21.56	23.0	0.0	
Channel				648000	650000	664000	23.0	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	21.44	21.70	21.58	23.0	0.0	
Channel				647668	650000	663534	23.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	21.45	21.70	21.57	23.0	0.0	
Channel				647334	650000	664668	23.0	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	21.44	21.71	21.56	23.0	0.0	
Channel				647000	650000	665000	23.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	21.45	21.70	21.58	23.0	0.0	
Channel				647000	650000	665000	23.0	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	21.41	21.65	21.49	23.0	0.0	

Part270 n77 PC2 Ant 7 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				650000	650000	662000	26.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	Pi/2 BPSK	1	1	24.66	24.70	24.75	26.0	0.0	
100	Pi/2 BPSK	1	137	24.83	24.69	24.78			
100	Pi/2 BPSK	1	271	24.74	24.79	24.73			
100	Pi/2 BPSK	135	0	24.23	24.27	24.38			
100	Pi/2 BPSK	135	69	24.65	24.74	24.84	26.0	0.0	
100	Pi/2 BPSK	135	138	24.28	24.36	24.31	25.5	0.5	
100	Pi/2 BPSK	270	0	24.19	24.55	24.34	26.0	0.0	
100	QPSK	1	1	24.82	24.88	24.72			
100	QPSK	1	137	24.79	24.87	24.79			
100	QPSK	1	271	24.68	24.75	24.60			
100	QPSK	135	0	23.84	23.89	23.95	25.0	1.0	
100	QPSK	135	69	24.67	24.82	24.80	26.0	0.0	
100	QPSK	135	138	23.86	23.88	23.81	25.0	1.0	
100	QPSK	270	0	23.89	23.98	23.95	26.0	0.0	
100	16QAM	1	1	23.89	23.99	23.90			
100	64QAM	1	1	22.36	22.53	22.46			
100	256QAM	1	1	20.13	20.51	20.33			
Channel				648668	650000	662334	26.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	24.72	24.78	24.63	26.0	0.0	
Channel				649334	650000	662668	26.0	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	24.72	24.78	24.63	26.0	0.0	
Channel				649000	650000	663000	26.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	24.73	24.79	24.63	26.0	0.0	
Channel				648668	650000	663334	26.0	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	24.74	24.80	24.62	26.0	0.0	
Channel				648334	650000	663568	26.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	24.74	24.79	24.64	26.0	0.0	
Channel				648000	650000	664000	26.0	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	24.74	24.78	24.64	26.0	0.0	
Channel				647668	650000	664334	26.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	24.72	24.78	24.62	26.0	0.0	
Channel				647334	650000	664668	26.0	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	24.72	24.80	24.64	26.0	0.0	
Channel				647000	650000	665000	26.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	24.73	24.78	24.64	26.0	0.0	
Channel				647000	650000	665000	26.0	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	24.73	24.79	24.62	26.0	0.0	

Part270 n78 Ant 7 DS14									
BW [MHz]	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					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1		21.34				
100	PV2 BPSK	1	137		21.41		23.0	0.0	
100	PV2 BPSK	1	271		21.53				
100	PV2 BPSK	135	0		20.96		22.5	0.5	
100	PV2 BPSK	135	69		21.50		23.0	0.0	
100	PV2 BPSK	135	138		20.97				
100	PV2 BPSK	270	0		20.99		22.5	0.5	
100	QPSK	1	1		21.74				
100	QPSK	1	137		21.30		23.0	0.0	
100	QPSK	1	271		21.55				
100	QPSK	135	0		20.53		22.0	1.0	
100	QPSK	135	69		21.35		23.0	0.0	
100	QPSK	135	138		20.39				
100	QPSK	270	0		20.29		22.0	1.0	
100	16QAM	1	1		20.51		22.0	1.0	
100	64QAM	1	1		18.78		20.5	2.5	
100	256QAM	1	1		17.11		18.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	21.61	21.64	21.61	23.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	21.62	21.65	21.60	23.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	21.61	21.66	21.59	23.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	21.63	21.66	21.59	23.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	21.63	21.66	21.59	23.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	21.62	21.66	21.60	23.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	21.62	21.65	21.60	23.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	21.62	21.66	21.61	23.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	21.61	21.59	21.55	23.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	21.45	21.43	21.45	23.0	0.0	

Part270 n78 PC2 Ant 7 DS14									
BW [MHz]	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					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1		24.52				
100	PV2 BPSK	1	137		24.54		26.0	0.0	
100	PV2 BPSK	1	271		24.69				
100	PV2 BPSK	135	0		24.11		25.5	0.5	
100	PV2 BPSK	135	69		24.55		26.0	0.0	
100	PV2 BPSK	135	138		24.19				
100	PV2 BPSK	270	0		24.48		25.5	0.5	
100	QPSK	1	1		24.78				
100	QPSK	1	137		24.76		26.0	0.0	
100	QPSK	1	271		24.72				
100	QPSK	135	0		23.71		25.0	1.0	
100	QPSK	135	69		24.67		26.0	0.0	
100	QPSK	135	138		23.87				
100	QPSK	270	0		23.88		25.0	1.0	
100	16QAM	1	1		23.83		25.0	1.0	
100	64QAM	1	1		22.46		23.5	2.5	
100	256QAM	1	1		20.49		21.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	24.66	24.69	24.61	26.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	24.67	24.70	24.62	26.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	24.65	24.69	24.63	26.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	24.67	24.70	24.62	26.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	24.66	24.68	24.62	26.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	24.66	24.70	24.63	26.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	24.67	24.70	24.62	26.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	24.66	24.70	24.62	26.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	24.67	24.68	24.62	26.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	24.66	24.70	24.63	26.0	0.0	

Part270 n77 Ant 9 DS14									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	21.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.55	19.50	19.70	21.0	0.0	
100	PI/2 BPSK	1	137	19.53	19.50	19.52			
100	PI/2 BPSK	1	271	19.44	19.52	19.53			
100	PI/2 BPSK	135	0	18.91	19.13	19.03		0.5	
100	PI/2 BPSK	135	69	19.45	19.72	19.59	21.0	0.0	
100	PI/2 BPSK	135	138	19.10	19.11	18.98		0.5	
100	PI/2 BPSK	270	0	18.98	19.09	18.99	21.0	0.0	
100	QPSK	1	1	19.53	19.85	19.84			
100	QPSK	1	137	19.41	19.46	19.47			
100	QPSK	1	271	19.42	19.78	19.50			
100	QPSK	135	0	18.88	18.66	18.79	20.0	1.0	
100	QPSK	135	69	19.49	19.58	19.57		0.0	
100	QPSK	135	138	18.56	18.65	18.54	20.0	1.0	
100	QPSK	270	0	18.38	18.44	18.36		1.0	
100	16QAM	1	1	18.76	18.63	18.59	20.0	1.0	
100	64QAM	1	1	17.03	16.97	17.07		2.5	
100	256QAM	1	1	15.02	15.20	15.09	18.5	4.5	
Channel				648668	650000	662334	21.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	19.43	19.76	19.54	21.0	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	19.43	19.75	19.55		21.0	
Channel				649200	650000	663200	21.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	19.45	19.76	19.55	21.0	0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	19.44	19.76	19.55		21.0	
Channel				648334	650000	663068	21.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	19.44	19.75	19.55	21.0	0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	19.43	19.76	19.56		21.0	
Channel				647993	650000	664334	21.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	19.44	19.75	19.56	21.0	0.0	
Channel				647334	650000	664668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	19.43	19.77	19.55		21.0	
Channel				647168	650000	664834	21.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	19.43	19.75	19.55	21.0	0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	19.45	19.51	19.49	21.0	0.0	

Part270 n77 PC2 Ant 9 DS14									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	21.9	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	20.64	20.68	20.41	21.9	0.0	
100	PI/2 BPSK	1	137	20.65	20.72	20.52			
100	PI/2 BPSK	1	271	20.67	20.79	20.41			
100	PI/2 BPSK	135	0	20.68	20.74	20.37		0.0	
100	PI/2 BPSK	135	69	20.69	20.87	20.54	21.9	0.0	
100	PI/2 BPSK	135	138	20.70	20.79	20.50		0.0	
100	PI/2 BPSK	270	0	20.55	20.75	20.41	21.9	0.0	
100	QPSK	1	1	20.58	20.81	20.48			
100	QPSK	1	137	20.61	20.72	20.41			
100	QPSK	1	271	20.64	20.74	20.37			
100	QPSK	135	0	20.71	20.70	20.37	21.9	0.0	
100	QPSK	135	69	20.57	20.77	20.52		0.0	
100	QPSK	135	138	20.61	20.71	20.39	21.9	0.0	
100	QPSK	270	0	20.57	20.72	20.39		0.0	
100	16QAM	1	1	20.59	20.71	20.41	21.9	0.0	
100	64QAM	1	1	20.11	20.13	20.09		21.5	
100	256QAM	1	1	18.01	18.06	18.03	19.5	2.4	
Channel				648668	650000	662334	21.9	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	20.48	20.69	20.39	21.9	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	20.49	20.68	20.39		21.9	
Channel				649000	650000	663000	21.9	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	20.48	20.68	20.39	21.9	0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	20.49	20.70	20.39		21.9	
Channel				648334	650000	663068	21.9	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	20.50	20.69	20.38	21.9	0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	20.49	20.68	20.40		21.9	
Channel				647993	650000	664334	21.9	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	20.50	20.68	20.39	21.9	0.0	
Channel				647334	650000	664668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	20.48	20.68	20.40		21.9	
Channel				647168	650000	664834	21.9	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	20.48	20.68	20.39	21.9	0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	20.49	20.69	20.39	21.9	0.0	

Part270 n78 Ant 9 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				650000					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1		19.37				
100	PV2 BPSK	1	137		19.39		21.0	0.0	
100	PV2 BPSK	1	271		19.39				
100	PV2 BPSK	135	0		18.95		20.5	0.5	
100	PV2 BPSK	135	69		19.35		21.0	0.0	
100	PV2 BPSK	135	138		19.02				
100	PV2 BPSK	270	0		19.07		20.5	0.5	
100	QPSK	1	1		19.83				
100	QPSK	1	137		19.39		21.0	0.0	
100	QPSK	1	271		19.75				
100	QPSK	135	0		18.61		20.0	1.0	
100	QPSK	135	69		19.40		21.0	0.0	
100	QPSK	135	138		18.47				
100	QPSK	270	0		18.31		20.0	1.0	
100	16QAM	1	1		18.55		20.0	1.0	
100	64QAM	1	1		16.89		18.5	2.5	
100	256QAM	1	1		15.10		16.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1		19.68	19.73	21.0	0.0	
Channel				648000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1		19.69	19.75	21.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1		19.68	19.74	21.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1		19.70	19.73	21.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1		19.70	19.74	21.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1		19.69	19.73	21.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1		19.70	19.75	21.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1		19.68	19.71	21.0	0.0	

Part270 n78 PC2 Ant 9 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				650000					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1		20.50				
100	PV2 BPSK	1	137		20.36		21.9	0.0	
100	PV2 BPSK	1	271		20.52				
100	PV2 BPSK	135	0		19.98		21.9	0.0	
100	PV2 BPSK	135	69		20.36		21.9	0.0	
100	PV2 BPSK	135	138		20.06				
100	PV2 BPSK	270	0		20.21		21.9	0.0	
100	QPSK	1	1		20.76				
100	QPSK	1	137		20.49		21.9	0.0	
100	QPSK	1	271		20.51				
100	QPSK	135	0		19.99		21.9	0.0	
100	QPSK	135	69		20.57		21.9	0.0	
100	QPSK	135	138		19.67				
100	QPSK	270	0		19.57		21.9	0.0	
100	16QAM	1	1		19.68		21.9	0.0	
100	64QAM	1	1		20.25		21.5	0.4	
100	256QAM	1	1		18.01		19.5	2.4	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1		20.59	20.66	20.53	21.9	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1		20.60	20.67	20.55	21.9	
Channel				648000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1		20.60	20.68	20.55	21.9	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1		20.59	20.67	20.54	21.9	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1		20.59	20.68	20.55	21.9	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1		20.60	20.66	20.54	21.9	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1		20.59	20.68	20.55	21.9	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1		20.61	20.68	20.54	21.9	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1		20.59	20.67	20.54	21.9	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1		20.60	20.66	20.54	21.9	

Reduced Power Mode for DSI6

n5 Ant 0 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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.15	23.19	23.18	24.0	0.0
20	QPSK	1	53	23.12	23.08	22.98		
20	QPSK	1	104	22.99	22.99	23.02		
20	QPSK	50	0	21.94	22.13	22.16	23.0	1.0
20	QPSK	50	28	23.07	23.08	22.91	24.0	0.0
20	QPSK	50	56	21.91	22.08	22.04	23.0	1.0
20	QPSK	100	0	22.06	22.14	22.03		

n26 Ant 0 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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	23.45	23.58	23.50	24.0	0.0
20	QPSK	1	53	23.25	23.53	23.36		
20	QPSK	1	104	23.43	23.41	23.31		
20	QPSK	50	0	22.55	22.56	22.43	23.0	1.0
20	QPSK	50	28	23.40	23.50	23.33	24.0	0.0
20	QPSK	50	56	22.41	22.57	22.63	23.0	1.0
20	QPSK	100	0	22.38	22.48	22.46		

n7 Ant 1 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				50000	50700	51000	22.5	0.0
Frequency (MHz)				250	2635	2650		
40	QPSK	1	1	21.45	21.45	21.35		
40	QPSK	1	108	21.33	21.28	21.31	22.5	0.0
40	QPSK	1	214	21.26	21.24	21.41		
40	QPSK	108	0	21.23	21.41	21.26	22.5	0.0
40	QPSK	108	54	21.31	21.45	21.32	22.5	0.0
40	QPSK	108	108	21.28	21.25	21.37	22.5	0.0
40	QPSK	216	0	21.34	21.45	21.44		

n38 Ant 1 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				516004	516000	516996	23.2	0.0	
Frequency (MHz)				2550.02	2556	2559.98			
40	PI/2 BPSK	1	1	21.72	21.77	21.78	23.2	0.0	
40	PI/2 BPSK	1	53	21.82	21.84	21.67			
40	PI/2 BPSK	1	104	21.73	21.88	21.67			
40	PI/2 BPSK	50	0	21.68	21.82	21.73			
40	PI/2 BPSK	50	26	21.67	21.83	21.83	23.2	0.0	
40	PI/2 BPSK	50	56	21.78	21.80	21.71			
40	PI/2 BPSK	100	0	21.77	21.78	21.66			
40	QPSK	1	1	21.80	21.89	21.70			
40	QPSK	1	53	21.75	21.83	21.72	23.2	0.0	
40	QPSK	1	104	21.66	21.78	21.67			
40	QPSK	50	0	21.55	21.67	21.45			
40	QPSK	50	26	21.56	21.61	21.59			
40	QPSK	50	56	21.66	21.72	21.54	23.0	0.2	
40	QPSK	100	0	21.65	21.68	21.58			
40	16QAM	1	1	21.68	21.69	21.50			
40	64QAM	1	1	20.15	20.10	20.00			
40	256QAM	1	1	18.12	18.15	17.94	19.5	3.7	
Channel				517002	516900	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2596	2600.99			
30	QPSK	1	1	21.71	21.72	21.62	23.2	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2596	2610			
20	QPSK	1	1	21.72	21.71	21.61	23.2	0.0	
Channel				516202	516000	522403	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2596	2612.49			
15	QPSK	1	1	21.71	21.72	21.61	23.2	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2596	2614.98			
10	QPSK	1	1	21.71	21.72	21.61	23.2	0.0	

n41 Ant 1 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				505202	516598	528000	23.2	0.0	
Frequency (MHz)				2646.01	2662.99	2640			
100	PI/2 BPSK	1	1	21.83	21.88	21.94	23.2	0.0	
100	PI/2 BPSK	1	137	21.89	21.95	21.80			
100	PI/2 BPSK	1	271	21.92	22.01	21.76			
100	PI/2 BPSK	135	0	21.75	22.03	21.88			
100	PI/2 BPSK	135	69	21.68	21.96	21.77	23.2	0.0	
100	PI/2 BPSK	135	138	21.87	21.87	21.79			
100	PI/2 BPSK	270	0	21.93	21.91	21.83			
100	QPSK	1	1	21.87	22.01	21.85			
100	QPSK	1	137	21.98	21.89	21.93	23.2	0.0	
100	QPSK	1	271	21.85	21.90	21.84			
100	QPSK	135	0	21.61	21.76	21.68			
100	QPSK	135	69	21.81	22.03	21.77			
100	QPSK	135	138	21.62	21.88	21.74	23.0	0.2	
100	QPSK	270	0	21.61	21.76	21.61			
100	16QAM	1	1	21.61	21.81	21.65			
100	64QAM	1	1	20.13	20.30	20.10			
100	256QAM	1	1	18.24	18.30	18.15	19.5	3.7	
Channel				506200	516598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2641	2662.99	2644.98			
90	QPSK	1	1	21.78	21.92	21.77	23.2	0.0	
Channel				507204	516598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2636.02	2662.99	2649.99			
80	QPSK	1	1	21.79	21.93	21.76	23.2	0.0	
Channel				506202	516598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2631.01	2662.99	2655			
70	QPSK	1	1	21.78	21.93	21.77	23.2	0.0	
Channel				505200	516598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2626	2662.99	2659.98			
60	QPSK	1	1	21.78	21.93	21.75	23.2	0.0	
Channel				504204	516598	532996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2621.02	2662.99	2664.99			
50	QPSK	1	1	21.79	21.93	21.77	23.2	0.0	
Channel				503202	516598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2616.01	2662.99	2670			
40	QPSK	1	1	21.79	21.93	21.76	23.2	0.0	
Channel				502200	516598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2611	2662.99	2674.98			
30	QPSK	1	1	21.78	21.92	21.76	23.2	0.0	
Channel				501204	516598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2606.02	2662.99	2679.99			
20	QPSK	1	1	21.79	21.92	21.75	23.2	0.0	
Channel				500700	516598	536996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2601.5	2662.99	2682.48			
15	QPSK	1	1	21.79	21.92	21.76	23.2	0.0	
Channel				500202	516598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2601.01	2662.99	2685			
10	QPSK	1	1	21.72	21.69	21.73	23.2	0.0	

n5 Ant 4 DS16								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 166800	Power Middle Ch. / Freq. 167300	Power High Ch. / Freq. 167800	Tune-up limit (dbm)	MPR (db)
Channel				834	836.5	839		
Frequency (MHz)								
20	PI2 BPSK	1	1	22.92	23.06	22.79	24.0	0.0
20	PI2 BPSK	1	53	22.94	23.07	22.96		
20	PI2 BPSK	1	104	22.96	22.94	23.01		
20	PI2 BPSK	50	0	22.36	22.32	22.26	23.5	0.5
20	PI2 BPSK	50	28	22.84	23.10	22.83	24.0	0.0
20	PI2 BPSK	50	56	22.42	22.32	22.34	23.5	0.5
20	PI2 BPSK	100	0	22.57	22.49	22.15		
20	QPSK	1	1	23.03	23.12	23.10	24.0	0.0
20	QPSK	1	53	22.92	23.02	23.08		
20	QPSK	1	104	22.80	23.01	22.85		
20	QPSK	50	0	22.01	22.00	22.04	23.0	1.0
20	QPSK	50	28	22.97	22.99	22.96	24.0	0.0
20	QPSK	50	56	21.90	21.93	21.76	23.0	1.0
20	QPSK	100	0	21.81	21.82	21.75		
20	16QAM	1	1	21.83	22.11	22.13	23.0	1.0
20	64QAM	1	1	20.43	20.67	20.66	21.5	2.5
20	256QAM	1	1	18.35	18.62	18.60	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	23.09	23.00	24.0	0.0
Channel				166800	167300	168800	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.00	23.04	23.07	24.0	0.0
Channel				167300	167300	169300	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				828.5	836.5	840.5		
5	QPSK	1	1	22.97	23.04	23.01	24.0	0.0

n7 Ant 4 DS16								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 504000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 510000	Tune-up limit (dBm)	MPR (dB)
Channel				2520	2535	2550		
Frequency (MHz)				18.63	18.78	18.70		
40	PI2 BPSK	1	1	18.63	18.86	18.70	19.8	0.0
40	PI2 BPSK	1	108	18.67	18.78	18.62		
40	PI2 BPSK	1	214	18.70	18.84	18.70		
40	PI2 BPSK	108	0	18.73	18.95	18.74	19.8	0.0
40	PI2 BPSK	108	54	18.77	18.83	18.69	19.8	0.0
40	PI2 BPSK	108	108	18.70	18.77	18.69		
40	PI2 BPSK	216	0	18.72	18.91	18.75	19.8	0.0
40	QPSK	1	1	18.61	18.99	18.69		
40	QPSK	1	108	18.66	18.94	18.62	19.8	0.0
40	QPSK	1	214	18.72	18.82	18.72		
40	QPSK	108	0	18.76	18.85	18.71	19.8	0.0
40	QPSK	108	54	18.73	18.89	18.75	19.8	0.0
40	QPSK	108	108	18.62	18.83	18.71	19.8	0.0
40	QPSK	216	0	18.70	18.75	18.66		
40	16QAM	1	1	18.64	18.79	18.77	19.8	0.0
40	64QAM	1	1	18.75	18.93	18.71	19.8	0.0
40	256QAM	1	1	18.40	18.50	18.51	19.5	0.3
Channel				507000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.53	18.91	18.60	19.8	0.0
Channel				502000	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2562.5		
25	QPSK	1	1	18.53	18.90	18.59	19.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	18.53	18.90	18.60	19.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.51	18.91	18.61	19.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.52	18.90	18.60	19.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.51	18.91	18.60	19.8	0.0

n26 Ant 4 DS16								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Co. / Freq. 164800	Power Middle Co. / Freq. 166300	Power High Co. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel				824	831.5	839		
Frequency (MHz)				23.32	23.40	23.09		
20	PI2 BPSK	1	1	23.32	23.40	23.09	24.0	0.0
20	PI2 BPSK	1	53	23.27	23.36	23.27		
20	PI2 BPSK	1	104	23.34	23.29	23.32		
20	PI2 BPSK	50	0	22.79	22.59	22.70	23.5	0.5
20	PI2 BPSK	50	28	23.17	23.48	23.20	24.0	0.0
20	PI2 BPSK	50	56	22.65	22.56	22.73	23.5	0.5
20	PI2 BPSK	100	0	22.88	22.83	22.52		
20	QPSK	1	1	23.38	23.52	23.43		
20	QPSK	1	53	23.24	23.27	23.34	24.0	0.0
20	QPSK	1	104	23.07	23.43	23.31		
20	QPSK	50	0	22.43	22.20	22.27	23.0	1.0
20	QPSK	50	28	23.28	23.36	23.28	24.0	0.0
20	QPSK	50	56	22.19	22.23	21.98	23.0	1.0
20	QPSK	100	0	22.11	22.15	22.16		
20	16QAM	1	1	22.16	22.51	22.47	23.0	1.0
20	64QAM	1	1	20.85	21.03	20.90	21.5	2.5
20	256QAM	1	1	18.66	19.06	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	23.32	23.46	23.39	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.30	23.47	23.34	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.34	23.47	23.40	24.0	0.0

n38 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				516004	519000	516996	20.5	0.0
Frequency (MHz)				2590.02	2696	2599.98		
40	PI/2 BPSK	1	1	18.56	18.62	18.62	20.5	0.0
40	PI/2 BPSK	1	53	18.54	18.70	18.55		
40	PI/2 BPSK	1	104	18.60	18.70	18.65		
40	PI/2 BPSK	50	0	18.65	18.63	18.68		
40	PI/2 BPSK	50	26	18.55	18.67	18.63	20.5	0.0
40	PI/2 BPSK	50	56	18.57	18.65	18.66	20.5	0.0
40	PI/2 BPSK	100	0	18.67	18.74	18.61		
40	QPSK	1	1	18.61	18.75	18.53	20.5	0.0
40	QPSK	1	53	18.51	18.70	18.63		
40	QPSK	1	104	18.61	18.64	18.66		
40	QPSK	50	0	18.53	18.64	18.68		
40	QPSK	50	26	18.52	18.71	18.53	20.5	0.0
40	QPSK	50	56	18.53	18.69	18.59	20.5	0.0
40	QPSK	100	0	18.53	18.72	18.53		
40	16QAM	1	1	18.66	18.62	18.65	20.5	0.0
40	64QAM	1	1	18.54	18.63	18.62	20.5	0.0
40	256QAM	1	1	17.67	17.65	17.62	19.5	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2596	2600.99		
30	QPSK	1	1	18.51	18.65	18.53	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	1	18.52	18.66	18.54	20.5	0.0
Channel				516202	519000	522400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2596	2612.49		
15	QPSK	1	1	18.53	18.66	18.54	20.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2596	2614.98		
10	QPSK	1	1	18.51	18.66	18.55	20.5	0.0

n41 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				506202	516598	526000	20.5	0.0
Frequency (MHz)				2646.01	2662.99	2640		
100	PI/2 BPSK	1	1	18.63	18.74	18.73	20.5	0.0
100	PI/2 BPSK	1	137	18.65	18.78	18.71		
100	PI/2 BPSK	1	271	18.68	18.77	18.80		
100	PI/2 BPSK	135	0	18.60	18.82	18.85		
100	PI/2 BPSK	135	69	18.63	18.75	18.78	20.5	0.0
100	PI/2 BPSK	135	138	18.65	18.86	18.78	20.5	0.0
100	PI/2 BPSK	270	0	18.82	18.85	18.71		
100	QPSK	1	1	18.69	18.85	18.71	20.5	0.0
100	QPSK	1	137	18.63	18.81	18.84		
100	QPSK	1	271	18.75	18.77	18.86		
100	QPSK	135	0	18.64	18.70	18.85		
100	QPSK	135	69	18.74	18.86	18.75	20.5	0.0
100	QPSK	135	138	18.67	18.85	18.67	20.5	0.0
100	QPSK	270	0	18.72	18.85	18.62		
100	16QAM	1	1	18.74	18.81	18.86	20.5	0.0
100	64QAM	1	1	18.63	18.73	18.78	20.5	0.0
100	256QAM	1	1	17.85	17.78	17.76	19.5	1.0
Channel				506200	516598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2641	2662.99	2644.98		
90	QPSK	1	1	18.59	18.79	18.63	20.5	0.0
Channel				507204	516598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2636.02	2662.99	2649.99		
80	QPSK	1	1	18.61	18.78	18.61	20.5	0.0
Channel				506202	516598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2631.01	2662.99	2655		
70	QPSK	1	1	18.59	18.80	18.61	20.5	0.0
Channel				505200	516598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2626	2662.99	2659.98		
60	QPSK	1	1	18.61	18.78	18.61	20.5	0.0
Channel				504204	516598	532996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2621.02	2662.99	2664.99		
50	QPSK	1	1	18.59	18.79	18.61	20.5	0.0
Channel				503202	516598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2616.01	2662.99	2670		
40	QPSK	1	1	18.60	18.78	18.61	20.5	0.0
Channel				502200	516598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2611	2662.99	2674.98		
30	QPSK	1	1	18.59	18.79	18.61	20.5	0.0
Channel				501204	516598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2606.02	2662.99	2679.99		
20	QPSK	1	1	18.61	18.78	18.63	20.5	0.0
Channel				500700	516598	536996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2603.5	2662.99	2682.48		
15	QPSK	1	1	18.60	18.80	18.62	20.5	0.0
Channel				500202	516598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2601.01	2662.99	2685		
10	QPSK	1	1	18.61	18.79	18.62	20.5	0.0

Part270 n77 PC2 Ant 3 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				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.30	19.34	19.14	20.6	0.0	
100	PI/2 BPSK	1	137	19.40	19.42	19.23			
100	PI/2 BPSK	1	271	19.33	19.32	19.22			
100	PI/2 BPSK	135	0	19.34	19.46	19.29			
100	PI/2 BPSK	135	69	19.29	19.46	19.24	20.6	0.0	
100	PI/2 BPSK	135	138	19.42	19.44	19.21			
100	PI/2 BPSK	270	0	19.29	19.40	19.26			
100	QPSK	1	1	19.37	19.42	19.22			
100	QPSK	1	137	19.33	19.45	19.17	20.6	0.0	
100	QPSK	1	271	19.34	19.33	19.30			
100	QPSK	135	0	19.32	19.42	19.25			
100	QPSK	135	69	19.37	19.44	19.13			
100	QPSK	135	138	19.31	19.35	19.27	20.6	0.0	
100	QPSK	270	0	19.31	19.41	19.22			
100	16QAM	1	1	19.36	19.34	19.23			
100	64QAM	1	1	19.39	19.41	19.29			
100	256QAM	1	1	18.15	18.21	18.23	19.5	1.1	
Channel				648668	656000	662334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	1	19.27	19.33	19.13	20.6	0.0	
Channel				649334	656000	662668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	19.28	19.34	19.13	20.6	0.0	
Channel				649000	656000	663000	Tune-up limit	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	QPSK	1	1	19.28	19.33	19.12	20.6	0.0	
Channel				648668	656000	663334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	19.27	19.34	19.12	20.6	0.0	
Channel				648334	656000	663668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	19.27	19.34	19.14	20.6	0.0	
Channel				648000	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	19.29	19.32	19.12	20.6	0.0	
Channel				647668	656000	664334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	19.27	19.34	19.14	20.6	0.0	
Channel				647334	656000	664668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	19.28	19.32	19.14	20.6	0.0	
Channel				647000	656000	665000	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	19.27	19.34	19.12	20.6	0.0	
Channel				647000	656000	665000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	19.21	19.25	19.19	20.6	0.0	

Part270 n78 PC2 Ant 3 DSI6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dB)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	19.31	19.41		20.6	0.0	
100	PI/2 BPSK	1	137	19.41	19.41				
100	PI/2 BPSK	1	271	19.39	19.39				
100	PI/2 BPSK	135	0	19.41	19.41				
100	PI/2 BPSK	135	69	19.43	19.43		20.6	0.0	
100	PI/2 BPSK	135	138	19.44	19.44				
100	PI/2 BPSK	270	0	19.38	19.38				
100	QPSK	1	1	19.49	19.49				
100	QPSK	1	137	19.36	19.36		20.6	0.0	
100	QPSK	1	271	19.43	19.43				
100	QPSK	135	0	19.44	19.44				
100	QPSK	135	69	19.45	19.45				
100	QPSK	135	138	19.44	19.44		20.6	0.0	
100	QPSK	270	0	19.41	19.41				
100	16QAM	1	1	19.41	19.41				
100	64QAM	1	1	19.38	19.38				
100	256QAM	1	1	18.18	18.18		19.5	1.1	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	19.35	19.41	19.34	20.6	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	19.35	19.41	19.34	20.6	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	19.36	19.40	19.35	20.6	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	19.35	19.40	19.34	20.6	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	19.37	19.39	19.34	20.6	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	19.37	19.39	19.34	20.6	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	19.35	19.39	19.35	20.6	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	19.36	19.41	19.34	20.6	0.0	
Channel				647000	650000	652934	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	19.36	19.41	19.33	20.6	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	19.36	19.40	19.34	20.6	0.0	

PC2&3 Part270 n77 Ant 5 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				650000	650000	652000	20.6	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.13	19.32	19.23	20.6	0.0	
100	PI/2 BPSK	1	137	19.20	19.27	19.23			
100	PI/2 BPSK	1	271	19.13	19.18	19.27			
100	PI/2 BPSK	135	0	19.23	19.26	19.26			
100	PI/2 BPSK	135	69	19.16	19.24	19.14	20.6	0.0	
100	PI/2 BPSK	135	138	19.15	19.22	19.25			
100	PI/2 BPSK	270	0	19.24	19.24	19.20			
100	QPSK	1	1	19.18	19.41	19.20			
100	QPSK	1	137	19.23	19.22	19.13	20.6	0.0	
100	QPSK	1	271	19.21	19.19	19.19			
100	QPSK	135	0	19.19	19.31	19.22			
100	QPSK	135	69	19.11	19.35	19.10			
100	QPSK	135	138	19.24	19.35	19.24	20.6	0.0	
100	QPSK	270	0	19.16	19.31	19.26			
100	16QAM	1	1	19.09	19.28	19.20		20.6	
100	64QAM	1	1	19.16	19.28	19.23			
100	256QAM	1	1	19.11	19.15	19.13	20.6	0.0	
Channel				648668	650000	652334	20.6	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	19.10	19.33	19.12	20.6	0.0	
Channel				649334	650000	652668	20.6	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	19.10	19.33	19.11	20.6	0.0	
Channel				648000	650000	653000	20.6	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	19.08	19.32	19.10	20.6	0.0	
Channel				648668	650000	653334	20.6	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	19.10	19.32	19.12	20.6	0.0	
Channel				648334	650000	653668	20.6	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	19.09	19.32	19.12	20.6	0.0	
Channel				648000	650000	654000	20.6	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	19.08	19.31	19.11	20.6	0.0	
Channel				647668	650000	654334	20.6	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	19.08	19.31	19.10	20.6	0.0	
Channel				647334	650000	654668	20.6	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	19.10	19.33	19.12	20.6	0.0	
Channel				647168	650000	654834	20.6	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	19.15	19.25	19.13	20.6	0.0	
Channel				647000	650000	655000	20.6	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	19.25	19.21	19.12	20.6	0.0	

PC2&3 Part270 n78 PC2 Ant 5 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				650000	650000	652000	20.6	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.26	19.26	19.26	20.6	0.0	
100	PI/2 BPSK	1	137	19.20	19.20	19.20			
100	PI/2 BPSK	1	271	19.21	19.21	19.21			
100	PI/2 BPSK	135	0	19.20	19.20	19.20			
100	PI/2 BPSK	135	69	19.23	19.23	19.23	20.6	0.0	
100	PI/2 BPSK	135	138	19.23	19.23	19.23			
100	PI/2 BPSK	270	0	19.18	19.18	19.18			
100	QPSK	1	1	19.38	19.38	19.38			
100	QPSK	1	137	19.15	19.15	19.15	20.6	0.0	
100	QPSK	1	271	19.13	19.13	19.13			
100	QPSK	135	0	19.29	19.29	19.29			
100	QPSK	135	69	19.31	19.31	19.31			
100	QPSK	135	138	19.25	19.25	19.25	20.6	0.0	
100	QPSK	270	0	19.14	19.14	19.14			
100	16QAM	1	1	19.23	19.23	19.23		20.6	
100	64QAM	1	1	19.30	19.30	19.30			
100	256QAM	1	1	19.25	19.25	19.25	20.6	0.0	
Channel				648668	650000	652334	20.6	0.0	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	19.20	19.30	19.17	20.6	0.0	
Channel				649334	650000	650668	20.6	0.0	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	19.20	19.30	19.15	20.6	0.0	
Channel				648000	650000	651000	20.6	0.0	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	19.19	19.30	19.15	20.6	0.0	
Channel				648668	650000	651334	20.6	0.0	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	19.19	19.29	19.15	20.6	0.0	
Channel				648334	650000	651668	20.6	0.0	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	19.20	19.30	19.15	20.6	0.0	
Channel				648000	650000	652000	20.6	0.0	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	19.18	19.30	19.15	20.6	0.0	
Channel				647668	650000	652334	20.6	0.0	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	19.18	19.28	19.15	20.6	0.0	
Channel				647334	650000	652668	20.6	0.0	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	19.20	19.30	19.17	20.6	0.0	
Channel				647168	650000	652834	20.6	0.0	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	19.20	19.28	19.16	20.6	0.0	
Channel				647000	650000	653000	20.6	0.0	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	19.18	19.29	19.16	20.6	0.0	

PC2&3 Part270 n77 Ant 7 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				650000	656000	662000					
Frequency (MHz)				3750	3840	3930					
100	PI/2 BPSK	1	1	20.39	20.45	20.25	21.8	0.0			
100	PI/2 BPSK	1	137	20.28	20.43	20.16					
100	PI/2 BPSK	1	271	20.25	20.35	20.25					
100	PI/2 BPSK	135	0	20.24	20.47	20.30					
100	PI/2 BPSK	135	69	20.29	20.30	20.20	21.8	0.0			
100	PI/2 BPSK	135	138	20.38	20.30	20.17					
100	PI/2 BPSK	270	0	20.28	20.42	20.13					
100	QPSK	1	1	20.24	20.49	20.27					
100	QPSK	1	137	20.35	20.31	20.19	21.8	0.0			
100	QPSK	1	271	20.24	20.33	20.25					
100	QPSK	135	0	20.31	20.42	20.17					
100	QPSK	135	69	20.37	20.43	20.26					
100	QPSK	135	138	20.29	20.41	20.14	21.8	0.0			
100	QPSK	270	0	20.26	20.34	20.28					
100	16QAM	1	1	20.34	20.39	20.25		21.8			
100	64QAM	1	1	20.30	20.34	20.28					
100	256QAM	1	1	20.02	20.05	20.01					
Channel				648668	656000	662334	Tune-up limit (dBm)				
Frequency (MHz)				3745.02	3840	3935.01	(dBm)				
90	QPSK	1	1	20.14	20.41	20.19	21.8	0.0			
Channel				649334	650000	662668	Tune-up limit (dBm)				
Frequency (MHz)				3740.01	3840	3940.02	(dBm)				
80	QPSK	1	1	20.14	20.41	20.18	21.8	0.0			
Channel				649000	650000	663000	Tune-up limit (dBm)				
Frequency (MHz)				3735	3840	3945	(dBm)				
70	QPSK	1	1	20.16	20.41	20.17	21.8	0.0			
Channel				648668	650000	663334	Tune-up limit (dBm)				
Frequency (MHz)				3730.02	3840	3950.01	(dBm)				
60	QPSK	1	1	20.15	20.41	20.17	21.8	0.0			
Channel				648334	650000	663668	Tune-up limit (dBm)				
Frequency (MHz)				3725.01	3840	3955.02	(dBm)				
50	QPSK	1	1	20.15	20.41	20.17	21.8	0.0			
Channel				648000	650000	664000	Tune-up limit (dBm)				
Frequency (MHz)				3720	3840	3960	(dBm)				
40	QPSK	1	1	20.15	20.41	20.17	21.8	0.0			
Channel				647668	650000	664334	Tune-up limit (dBm)				
Frequency (MHz)				3715.02	3840	3965.01	(dBm)				
30	QPSK	1	1	20.16	20.41	20.19	21.8	0.0			
Channel				647334	650000	664668	Tune-up limit (dBm)				
Frequency (MHz)				3710.01	3840	3970.02	(dBm)				
20	QPSK	1	1	20.14	20.40	20.17	21.8	0.0			
Channel				647000	650000	665000	Tune-up limit (dBm)				
Frequency (MHz)				3707.52	3840	3972.51	(dBm)				
15	QPSK	1	1	20.14	20.39	20.19	21.8	0.0			
Channel				647000	650000	665000	Tune-up limit (dBm)				
Frequency (MHz)				3705	3840	3975	(dBm)				
10	QPSK	1	1	20.15	20.40	20.17	21.8	0.0			

PC2&3 Part270 n78 Ant 7 DSI6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	20.24			21.8	0.0	
100	PI/2 BPSK	1	137	20.28					
100	PI/2 BPSK	1	271	20.28					
100	PI/2 BPSK	135	0	20.30					
100	PI/2 BPSK	135	69	20.28			21.8	0.0	
100	PI/2 BPSK	135	138	20.37			21.8	0.0	
100	PI/2 BPSK	270	0	20.19			21.8	0.0	
100	QPSK	1	1	20.39			21.8		
100	QPSK	1	137	20.23					
100	QPSK	1	271	20.30					
100	QPSK	135	0	20.26					
100	QPSK	135	69	20.25			21.8	0.0	
100	QPSK	135	138	20.24			21.8	0.0	
100	QPSK	270	0	20.21			21.8	0.0	
100	16QAM	1	1	20.33			21.8	0.0	
100	64QAM	1	1	20.30			21.8	0.0	
100	256QAM	1	1	20.01			21.8	0.0	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	20.14	20.23	20.05	21.8	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	20.12	20.23	20.07	21.8	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	20.12	20.23	20.07	21.8	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	20.14	20.23	20.06	21.8	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	20.13	20.21	20.06	21.8	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	20.14	20.22	20.07	21.8	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	20.13	20.22	20.07	21.8	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	20.13	20.23	20.07	21.8	0.0	
Channel				647000	650000	652934	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	20.14	20.21	20.05	21.8	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	20.13	20.23	20.07	21.8	0.0	

Part270 n77 Ant 9 DS16									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	21.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.55	19.50	19.70	21.0	0.0	
100	PI/2 BPSK	1	137	19.53	19.50	19.52			
100	PI/2 BPSK	1	271	19.44	19.52	19.53			
100	PI/2 BPSK	135	0	18.91	19.13	19.03		0.5	
100	PI/2 BPSK	135	69	19.45	19.72	19.59	21.0	0.0	
100	PI/2 BPSK	135	138	19.10	19.11	18.98			
100	PI/2 BPSK	270	0	18.98	19.09	18.99	20.5	0.5	
100	QPSK	1	1	19.53	19.85	19.84			
100	QPSK	1	137	19.41	19.46	19.47	21.0	0.0	
100	QPSK	1	271	19.42	19.78	19.50			
100	QPSK	135	0	18.88	18.66	18.79		1.0	
100	QPSK	135	69	19.49	19.58	19.57		0.0	
100	QPSK	135	138	18.56	18.65	18.54	20.0	1.0	
100	QPSK	270	0	18.38	18.44	18.36			
100	16QAM	1	1	18.76	18.63	18.59	20.0	1.0	
100	64QAM	1	1	17.03	16.97	17.07		2.5	
100	256QAM	1	1	15.02	15.20	15.09	18.5	4.5	
Channel				648668	650000	662334	21.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	19.43	19.76	19.54	21.0	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	19.43	19.75	19.55		21.0	
Channel				649200	650000	663200	21.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	19.45	19.76	19.55	21.0	0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	19.44	19.76	19.55		21.0	
Channel				648334	650000	663068	21.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	19.44	19.75	19.55	21.0	0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	19.43	19.76	19.56		21.0	
Channel				647334	650000	663334	21.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	19.44	19.75	19.56	21.0	0.0	
Channel				647334	650000	664668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	19.43	19.77	19.55		21.0	
Channel				647168	650000	663534	21.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	19.43	19.75	19.55	21.0	0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	19.45	19.51	19.49	21.0	0.0	

Part270 n77 PC2 Ant 9 DS16									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	21.9	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	20.64	20.68	20.41	21.9	0.0	
100	PI/2 BPSK	1	137	20.65	20.72	20.52			
100	PI/2 BPSK	1	271	20.67	20.79	20.41			
100	PI/2 BPSK	135	0	20.68	20.74	20.37		0.0	
100	PI/2 BPSK	135	69	20.69	20.87	20.54	21.9	0.0	
100	PI/2 BPSK	135	138	20.70	20.79	20.50			
100	PI/2 BPSK	270	0	20.55	20.75	20.41	20.5	0.0	
100	QPSK	1	1	20.58	20.81	20.48			
100	QPSK	1	137	20.61	20.72	20.41	21.9	0.0	
100	QPSK	1	271	20.64	20.74	20.37			
100	QPSK	135	0	20.71	20.70	20.37		0.0	
100	QPSK	135	69	20.57	20.77	20.52		0.0	
100	QPSK	135	138	20.61	20.71	20.39	21.9	0.0	
100	QPSK	270	0	20.57	20.72	20.39			
100	16QAM	1	1	20.59	20.71	20.41	21.9	0.0	
100	64QAM	1	1	20.11	20.13	20.09		21.5	
100	256QAM	1	1	18.01	18.06	18.03	19.5	2.4	
Channel				648668	650000	662334	21.9	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	20.48	20.69	20.39	21.9	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	20.49	20.68	20.39		21.9	
Channel				649000	650000	663000	21.9	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	20.48	20.68	20.39	21.9	0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	20.49	20.70	20.39		21.9	
Channel				648334	650000	663068	21.9	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	20.50	20.69	20.38	21.9	0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	20.49	20.68	20.40		21.9	
Channel				647334	650000	663334	21.9	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	20.50	20.68	20.39	21.9	0.0	
Channel				647334	650000	664668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	20.48	20.68	20.40		21.9	
Channel				647168	650000	663534	21.9	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	20.48	20.68	20.39	21.9	0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	20.49	20.69	20.39	21.9	0.0	

Part270 n78 Ant 9 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				650000			21.0	0.0	
Frequency (MHz)				3750					
100	PV2 BPSK	1	1	19.37			21.0	0.0	
100	PV2 BPSK	1	137	19.39					
100	PV2 BPSK	1	271	19.39					
100	PV2 BPSK	135	0	18.95			20.5	0.5	
100	PV2 BPSK	135	69	19.55			21.0	0.0	
100	PV2 BPSK	135	138	19.02			20.5	0.5	
100	PV2 BPSK	270	0	19.07					
100	QPSK	1	1	19.83			21.0	0.0	
100	QPSK	1	137	19.39					
100	QPSK	1	271	19.75					
100	QPSK	135	0	18.61			20.0	1.0	
100	QPSK	135	69	19.40			21.0	0.0	
100	QPSK	135	138	18.47			20.0	1.0	
100	QPSK	270	0	18.31					
100	16QAM	1	1	18.55			20.0	1.0	
100	64QAM	1	1	18.89			18.5	2.5	
100	256QAM	1	1	15.10			16.5	4.5	
Channel				649688	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	19.70	19.73	19.73	21.0	0.0	
Channel				649334	650000	650668	Tuneup limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	19.68	19.73	19.72	21.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	19.69	19.75	19.72	21.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	19.70	19.73	19.71	21.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	19.68	19.74	19.73	21.0	0.0	
Channel				648000	650000	652000	Tuneup limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	19.70	19.73	19.73	21.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	19.70	19.74	19.72	21.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	19.69	19.73	19.71	21.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	19.70	19.75	19.71	21.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	19.68	19.71	19.69	21.0	0.0	

Part270 n78 PC2 Ant 9 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				650000					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1	20.50			21.9	0.0	
100	PV2 BPSK	1	137	20.36					
100	PV2 BPSK	1	271	20.52					
100	PV2 BPSK	135	0	19.98			21.9	0.0	
100	PV2 BPSK	135	69	20.36			21.9	0.0	
100	PV2 BPSK	135	138	20.06			21.9	0.0	
100	PV2 BPSK	270	0	20.21					
100	QPSK	1	1	20.76			21.9	0.0	
100	QPSK	1	137	20.49					
100	QPSK	1	271	20.51					
100	QPSK	135	0	19.69			21.9	0.0	
100	QPSK	135	69	20.57			21.9	0.0	
100	QPSK	135	138	19.67			21.9	0.0	
100	QPSK	270	0	19.57					
100	16QAM	1	1	19.68			21.9	0.0	
100	64QAM	1	1	20.25			21.5	0.4	
100	256QAM	1	1	18.01			19.5	2.4	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	20.59	20.66	20.53	21.9	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	20.60	20.67	20.55	21.9	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	20.60	20.68	20.55	21.9	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	20.59	20.67	20.54	21.9	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	20.59	20.68	20.55	21.9	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	20.60	20.66	20.54	21.9	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	20.59	20.68	20.55	21.9	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	20.61	20.68	20.54	21.9	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	20.59	20.67	20.54	21.9	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	20.60	20.66	20.54	21.9	0.0	

Reduced Power Mode for DSI7

n5 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				166500	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.15	23.19	23.18	24.0	0.0
20	QPSK	1	53	23.12	23.08	22.98		
20	QPSK	1	104	22.89	22.99	23.02		
20	QPSK	50	0	21.94	22.13	22.16	23.0	1.0
20	QPSK	50	28	23.07	23.08	22.91	24.0	0.0
20	QPSK	50	56	21.91	22.08	22.04	23.0	1.0
20	QPSK	100	0	22.06	22.14	22.03		

n26 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				164800	166300	167800		
Frequency (MHz)				834	831.5	839		
20	QPSK	1	1	23.45	23.56	23.50	24.0	0.0
20	QPSK	1	53	23.25	23.53	23.36		
20	QPSK	1	104	23.43	23.41	23.31		
20	QPSK	50	0	22.55	22.56	22.43	23.0	1.0
20	QPSK	50	28	23.40	23.50	23.33	24.0	0.0
20	QPSK	50	56	22.41	22.57	22.63	23.0	1.0
20	QPSK	100	0	22.38	22.46	22.46		

n7 Ant 1 DS17									
BW [MHz]	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	22.5	0.0	
Frequency (MHz)				2590	2635	2690			
40	PI/2 BPSK	1	1	21.42	21.43	21.39	22.5	0.0	
40	PI/2 BPSK	1	108	21.23	21.32	21.26			
40	PI/2 BPSK	1	214	21.31	21.41	21.46	22.5	0.0	
40	PI/2 BPSK	108	0	21.22	21.45	21.38			
40	PI/2 BPSK	108	54	21.27	21.42	21.29	22.5	0.0	
40	PI/2 BPSK	108	108	21.36	21.39	21.41			
40	PI/2 BPSK	216	0	21.30	21.29	21.40	22.5	0.0	
40	QPSK	1	1	21.45	21.45	21.35			
40	QPSK	1	108	21.33	21.28	21.31	22.5	0.0	
40	QPSK	1	214	21.26	21.24	21.41			
40	QPSK	108	0	21.23	21.41	21.26	22.5	0.0	
40	QPSK	108	54	21.31	21.45	21.32			
40	QPSK	108	108	21.28	21.25	21.37	22.5	0.0	
40	QPSK	216	0	21.34	21.45	21.44			
40	16QAM	1	1	21.31	21.21	21.20	22.5	0.0	
40	64QAM	1	1	20.94	20.96	20.98			
40	256QAM	1	1	18.72	18.80	18.76	19.5	3.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	21.36	21.25	21.26	22.5	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	21.36	21.25	21.27			
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	21.37	21.23	21.25	22.5	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	21.35	21.25	21.26			
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	21.36	21.24	21.27	22.5	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	21.37	21.24	21.28			

n38 Ant 1 DS13 DS17								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516000	516996	21.7	0.0
Frequency (MHz)				2550.02	2556	2559.98		
40	PI/2 BPSK	1	1	20.00	20.10	20.06	21.7	0.0
40	PI/2 BPSK	1	53	20.06	20.05	20.00		
40	PI/2 BPSK	1	104	19.99	20.13	19.90	21.7	0.0
40	PI/2 BPSK	50	0	20.05	20.07	19.90		
40	PI/2 BPSK	50	26	20.00	20.06	20.07	21.7	0.0
40	PI/2 BPSK	50	56	20.00	20.14	20.01		
40	PI/2 BPSK	100	0	20.09	20.04	19.91	21.7	0.0
40	QPSK	1	1	20.00	20.17	19.92		
40	QPSK	1	53	19.96	20.07	19.87	21.7	0.0
40	QPSK	1	104	19.98	20.11	19.99		
40	QPSK	50	0	19.93	19.99	19.99	21.7	0.0
40	QPSK	50	26	19.92	20.12	19.95		
40	QPSK	50	56	19.91	20.08	19.90	21.7	0.0
40	QPSK	100	0	19.93	20.06	19.98		
40	16QAM	1	1	19.88	20.01	20.01	21.7	0.0
40	64QAM	1	1	19.98	20.06	19.91		
40	256QAM	1	1	18.75	18.65	18.71	19.5	2.2
Channel				517002	516900	520998	21.7	0.0
Frequency (MHz)				2585.01	2596	2600.99		
30	QPSK	1	1	19.92	20.09	19.84	21.7	0.0
Channel				516000	519000	522000		
Frequency (MHz)				2580	2596	2610	21.7	0.0
20	QPSK	1	1	19.92	20.06	19.83		
Channel				515500	519000	522000	21.7	0.0
Frequency (MHz)				2577.51	2596	2612.49		
15	QPSK	1	1	19.91	20.08	19.83	21.7	0.0
Channel				515004	519000	522996		
Frequency (MHz)				2575.02	2596	2614.98	21.7	0.0
10	QPSK	1	1	19.92	20.08	19.84		

n41 Ant 1 DS13 DS17								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505202	516598	528000	21.7	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.07	20.17	20.09	21.7	0.0
100	PI/2 BPSK	1	137	20.07	20.17	20.07		
100	PI/2 BPSK	1	271	20.11	20.18	20.06	21.7	0.0
100	PI/2 BPSK	135	0	20.04	20.16	20.03		
100	PI/2 BPSK	135	69	20.07	20.16	20.07	21.7	0.0
100	PI/2 BPSK	135	138	20.09	20.16	20.04		
100	PI/2 BPSK	270	0	20.08	20.17	20.07	21.7	0.0
100	QPSK	1	1	20.07	20.19	20.06		
100	QPSK	1	137	20.03	20.14	20.02	21.7	0.0
100	QPSK	1	271	20.07	20.15	20.08		
100	QPSK	135	0	20.03	20.15	20.04	21.7	0.0
100	QPSK	135	69	20.04	20.16	20.04		
100	QPSK	135	138	20.04	20.13	20.04	21.7	0.0
100	QPSK	270	0	20.08	20.16	20.05		
100	16QAM	1	1	20.04	20.16	20.04	21.7	0.0
100	64QAM	1	1	20.04	20.14	20.04		
100	256QAM	1	1	18.69	18.65	18.59	19.5	2.2
Channel				505200	516598	529998	21.7	0.0
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.07	20.11	20.04	21.7	0.0
Channel				507204	516598	529998		
Frequency (MHz)				2536.02	2592.99	2649.99	21.7	0.0
80	QPSK	1	1	20.05	20.10	20.03		
Channel				505202	516598	531000	21.7	0.0
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.07	20.09	20.05	21.7	0.0
Channel				505200	516598	531996		
Frequency (MHz)				2526	2592.99	2659.98	21.7	0.0
60	QPSK	1	1	20.06	20.10	20.04		
Channel				504204	516598	532996	21.7	0.0
Frequency (MHz)				2621.02	2592.99	2664.99		
50	QPSK	1	1	20.07	20.09	20.04	21.7	0.0
Channel				503202	516598	534000		
Frequency (MHz)				2516.01	2592.99	2670	21.7	0.0
40	QPSK	1	1	20.06	20.11	20.04		
Channel				502200	516598	534996	21.7	0.0
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.06	20.11	20.04	21.7	0.0
Channel				501204	516598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99	21.7	0.0
20	QPSK	1	1	20.06	20.10	20.05		
Channel				500700	516598	536996	21.7	0.0
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.05	20.09	20.05	21.7	0.0
Channel				500202	516598	537000		
Frequency (MHz)				2501.01	2592.99	2685	21.7	0.0
10	QPSK	1	1	20.07	20.11	20.03		

n5 Ant 4 DS17								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 166800	Power Middle Ch. / Freq. 167300	Power High Ch. / Freq. 167800	Tune-up limit (dbm)	MPR (db)
Channel				834	836.5	839		
Frequency (MHz)								
20	PI2 BPSK	1	1	19.99	19.85	20.02		
20	PI2 BPSK	1	53	19.92	19.87	19.95	21.4	0.0
20	PI2 BPSK	1	104	19.80	19.91	19.83		
20	PI2 BPSK	50	0	19.88	19.91	19.80	21.4	0.0
20	PI2 BPSK	50	28	19.93	19.96	19.73	21.4	0.0
20	PI2 BPSK	50	56	19.77	19.82	19.83		
20	PI2 BPSK	100	0	19.75	19.81	19.70	21.4	0.0
20	QPSK	1	1	19.92	20.05	20.02		
20	QPSK	1	53	19.83	19.83	19.76	21.4	0.0
20	QPSK	1	104	19.86	19.93	19.87		
20	QPSK	50	0	19.88	19.94	19.98	21.4	0.0
20	QPSK	50	28	20.02	20.03	19.80	21.4	0.0
20	QPSK	50	56	19.81	19.86	19.81	21.4	0.0
20	QPSK	100	0	19.81	19.95	19.94	21.4	0.0
20	16QAM	1	1	19.86	19.96	19.89	21.4	0.0
20	64QAM	1	1	19.90	19.81	19.94	21.4	0.0
20	256QAM	1	1	18.29	18.77	18.46	19.5	1.9
Channel				166300	167300	168300	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	19.84	19.97	19.92	21.4	0.0
Channel				165900	167300	168800	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				839	838.5	844		
10	QPSK	1	1	19.82	19.96	19.93	21.4	0.0
Channel				165300	167300	169300	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				839.5	839.5	840.5		
5	QPSK	1	1	19.82	19.97	19.92	21.4	0.0

n7 Ant 4 DS17								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 504000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 507000	Tune-up limit (dBm)	MPR (dB)
Channel				2520	2535	2550		
Frequency (MHz)								
40	PI2 BPSK	1	1	14.10	14.21	14.15		
40	PI2 BPSK	1	108	14.05	14.22	14.11	15.7	0.0
40	PI2 BPSK	1	214	14.16	14.27	14.22		
40	PI2 BPSK	108	0	14.06	14.20	14.16	15.7	0.0
40	PI2 BPSK	108	54	14.20	14.27	14.13	15.7	0.0
40	PI2 BPSK	108	108	14.03	14.19	14.26		
40	PI2 BPSK	216	0	14.16	14.19	14.23	15.7	0.0
40	QPSK	1	1	14.14	14.29	14.17		
40	QPSK	1	108	14.10	14.12	14.14	15.7	0.0
40	QPSK	1	214	14.28	14.16	14.26		
40	QPSK	108	0	14.22	14.14	14.20	15.7	0.0
40	QPSK	108	54	14.04	14.25	14.23	15.7	0.0
40	QPSK	108	108	14.03	14.21	14.16		
40	QPSK	216	0	14.08	14.15	14.17	15.7	0.0
40	16QAM	1	1	14.11	14.21	14.13	15.7	0.0
40	64QAM	1	1	14.22	14.22	14.04	15.7	0.0
40	256QAM	1	1	14.05	14.13	14.05	15.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.06	14.14	14.08	15.7	0.0
Channel				502000	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2562.5		
25	QPSK	1	1	14.04	14.15	14.07	15.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	14.05	14.15	14.08	15.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.04	14.10	14.09	15.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.05	14.16	14.09	15.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2492.5	2535	2567.5		
5	QPSK	1	1	14.06	14.14	14.09	15.7	0.0

n26 Ant 4 DS17								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164800	Power Middle Ch. / Freq. 166300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel				824	831.5	839		
Frequency (MHz)								
20	PI2 BPSK	1	1	20.09	19.86	20.10		
20	PI2 BPSK	1	53	20.00	20.07	20.08	21.4	0.0
20	PI2 BPSK	1	104	19.92	20.08	19.95		
20	PI2 BPSK	50	0	19.88	20.12	19.91	21.4	0.0
20	PI2 BPSK	50	28	20.05	20.08	19.92	21.4	0.0
20	PI2 BPSK	50	56	19.91	19.98	19.91	21.4	0.0
20	PI2 BPSK	100	0	19.98	19.94	19.90	21.4	0.0
20	QPSK	1	1	20.06	20.19	20.13		
20	QPSK	1	53	20.06	20.04	19.96	21.4	0.0
20	QPSK	1	104	19.94	20.07	20.02		
20	QPSK	50	0	20.08	20.10	20.06	21.4	0.0
20	QPSK	50	28	20.10	20.13	19.94	21.4	0.0
20	QPSK	50	56	19.99	19.93	20.04	21.4	0.0
20	QPSK	100	0	19.96	20.12	20.03	21.4	0.0
20	16QAM	1	1	20.00	20.10	19.99	21.4	0.0
20	64QAM	1	1	20.09	20.04	20.05	21.4	0.0
20	256QAM	1	1	19.92	19.83	19.82	19.5	1.3
Channel				164300	166800	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	19.98	20.10	20.04	21.4	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				818	831.5	844		
10	QPSK	1	1	19.98	20.09	20.04	21.4	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				810.5	831.5	840.5		
5	QPSK	1	1	19.96	20.10	20.03	21.4	0.0

n38 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				516004	519000	519996	15.8	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.28	14.32	14.18	15.8	0.0
40	PI/2 BPSK	1	53	14.37	14.36	14.27		
40	PI/2 BPSK	1	104	14.36	14.19	14.20		
40	PI/2 BPSK	50	0	14.23	14.17	14.26		
40	PI/2 BPSK	50	26	14.24	14.20	14.34	15.8	0.0
40	PI/2 BPSK	50	56	14.25	14.24	14.13		
40	PI/2 BPSK	100	0	14.26	14.18	14.21		
40	QPSK	1	1	14.15	14.52	14.31		
40	QPSK	1	53	14.14	14.26	14.15	15.8	0.0
40	QPSK	1	104	14.17	14.31	14.24		
40	QPSK	50	0	14.24	14.29	14.19		
40	QPSK	50	26	14.15	14.40	14.17		
40	QPSK	50	56	14.23	14.30	14.30	15.8	0.0
40	QPSK	100	0	14.24	14.43	14.27		
40	16QAM	1	1	14.13	14.38	14.29		
40	64QAM	1	1	14.18	14.38	14.28		
40	256QAM	1	1	14.31	14.15	14.23	15.8	0.0
Channel				517002	519000	520998		
Frequency (MHz)				2585.01	2595	2600.99	15.8	0.0
30	QPSK	1	1	14.06	14.42	14.23		
Channel				516000	519000	522000	15.8	0.0
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.05	14.42	14.23	15.8	0.0
Channel				516202	519000	522403		
Frequency (MHz)				2577.51	2595	2612.49	15.8	0.0
15	QPSK	1	1	14.05	14.43	14.23		
Channel				515004	519000	522996	15.8	0.0
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.07	14.43	14.23	15.8	0.0

n41 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				505202	518598	528000	15.8	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.36	14.48	14.27	15.8	0.0
100	PI/2 BPSK	1	137	14.48	14.45	14.36		
100	PI/2 BPSK	1	271	14.55	14.40	14.27		
100	PI/2 BPSK	135	0	14.44	14.35	14.42		
100	PI/2 BPSK	135	69	14.46	14.36	14.46	15.8	0.0
100	PI/2 BPSK	135	138	14.39	14.33	14.23		
100	PI/2 BPSK	270	0	14.45	14.40	14.42		
100	QPSK	1	1	14.30	14.72	14.52		
100	QPSK	1	137	14.26	14.43	14.22	15.8	0.0
100	QPSK	1	271	14.25	14.42	14.44		
100	QPSK	135	0	14.41	14.44	14.41		
100	QPSK	135	69	14.35	14.54	14.27		
100	QPSK	135	138	14.44	14.48	14.54	15.8	0.0
100	QPSK	270	0	14.47	14.62	14.43		
100	16QAM	1	1	14.27	14.49	14.46		
100	64QAM	1	1	14.34	14.62	14.38		
100	256QAM	1	1	14.38	14.28	14.45	15.8	0.0
Channel				506200	518598	529996		
Frequency (MHz)				2541	2592.99	2644.98	15.8	0.0
90	QPSK	1	1	14.21	14.63	14.42		
Channel				507204	518598	529998	15.8	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.20	14.63	14.43	15.8	0.0
Channel				505202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655	15.8	0.0
70	QPSK	1	1	14.20	14.62	14.44		
Channel				505200	518598	531996	15.8	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.22	14.62	14.44	15.8	0.0
Channel				504204	518598	532996		
Frequency (MHz)				2621.02	2592.99	2664.99	15.8	0.0
50	QPSK	1	1	14.21	14.63	14.44		
Channel				503202	518598	534000	15.8	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.22	14.62	14.43	15.8	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98	15.8	0.0
30	QPSK	1	1	14.22	14.62	14.42		
Channel				501204	518598	535998	15.8	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.21	14.62	14.42	15.8	0.0
Channel				500700	518598	536496		
Frequency (MHz)				2501.5	2592.99	2682.48	15.8	0.0
15	QPSK	1	1	14.21	14.62	14.44		
Channel				500202	518598	537000	15.8	0.0
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	14.22	14.63	14.43	15.8	0.0

PC2&3 Part270 n77 PC2 Ant 3 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				650000	650000	650000	14.6	0.0
Frequency (MHz)				3750	3640	3690		
100	PI/2 BPSK	1	1	13.38	13.41	13.23	14.6	0.0
100	PI/2 BPSK	1	137	13.39	13.42	13.19		
100	PI/2 BPSK	1	271	13.38	13.37	13.27		
100	PI/2 BPSK	135	0	13.34	13.37	13.19		
100	PI/2 BPSK	135	69	13.29	13.47	13.23	14.6	0.0
100	PI/2 BPSK	135	138	13.43	13.36	13.13		
100	PI/2 BPSK	270	0	13.37	13.42	13.28		
100	QPSK	1	1	13.43	13.49	13.28		
100	QPSK	1	137	13.28	13.33	13.13	14.6	0.0
100	QPSK	1	271	13.28	13.46	13.16		
100	QPSK	135	0	13.43	13.41	13.27		
100	QPSK	135	69	13.39	13.46	13.13		
100	QPSK	135	138	13.26	13.39	13.14	14.6	0.0
100	QPSK	270	0	13.27	13.34	13.17		
100	16QAM	1	1	13.42	13.41	13.23		
100	64QAM	1	1	13.30	13.45	13.23		
100	256QAM	1	1	13.34	13.45	13.15	14.6	0.0
Channel				648668	650000	652334	14.6	0.0
Frequency (MHz)				3745.02	3640	3695.01		
90	QPSK	1	1	13.33	13.41	13.19	14.6	0.0
Channel				649334	650000	652668	14.6	0.0
Frequency (MHz)				3740.01	3640	3640.02		
80	QPSK	1	1	13.33	13.41	13.18	14.6	0.0
Channel				648000	650000	653000	14.6	0.0
Frequency (MHz)				3735	3640	3645		
70	QPSK	1	1	13.33	13.40	13.18	14.6	0.0
Channel				648668	650000	653334	14.6	0.0
Frequency (MHz)				3730.02	3640	3650.01		
60	QPSK	1	1	13.34	13.41	13.20	14.6	0.0
Channel				648334	650000	653668	14.6	0.0
Frequency (MHz)				3725.01	3640	3655.02		
50	QPSK	1	1	13.34	13.41	13.18	14.6	0.0
Channel				648000	650000	654000	14.6	0.0
Frequency (MHz)				3720	3640	3660		
40	QPSK	1	1	13.35	13.41	13.19	14.6	0.0
Channel				647668	650000	654334	14.6	0.0
Frequency (MHz)				3715.02	3640	3665.01		
30	QPSK	1	1	13.34	13.39	13.20	14.6	0.0
Channel				647334	650000	654668	14.6	0.0
Frequency (MHz)				3710.01	3640	3670.02		
20	QPSK	1	1	13.34	13.40	13.18	14.6	0.0
Channel				647000	650000	655000	14.6	0.0
Frequency (MHz)				3707.52	3640	3672.51		
15	QPSK	1	1	13.34	13.41	13.18	14.6	0.0
Channel				647000	650000	655000	14.6	0.0
Frequency (MHz)				3705	3640	3675		
10	QPSK	1	1	13.35	13.40	13.19	14.6	0.0

PC2&3 Part270 n78 Ant 3 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				650000	650000	650000	14.6	0.0
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1			13.30	14.6	0.0
100	PI/2 BPSK	1	137			13.42		
100	PI/2 BPSK	1	271			13.39		
100	PI/2 BPSK	135	0			13.45		
100	PI/2 BPSK	135	69			13.32	14.6	0.0
100	PI/2 BPSK	135	138			13.32		
100	PI/2 BPSK	270	0			13.30		
100	QPSK	1	1			13.47		
100	QPSK	1	137			13.40	14.6	0.0
100	QPSK	1	271			13.41		
100	QPSK	135	0			13.41		
100	QPSK	135	69			13.45		
100	QPSK	135	138			13.42	14.6	0.0
100	QPSK	270	0			13.42		
100	16QAM	1	1			13.42		
100	64QAM	1	1			13.32		
100	256QAM	1	1			13.31	14.6	0.0
Channel				648668	650000	650334	14.6	0.0
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.27	13.30	13.21	14.6	0.0
Channel				649334	650000	650668	14.6	0.0
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.27	13.32	13.23	14.6	0.0
Channel				648000	650000	651000	14.6	0.0
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.25	13.30	13.22	14.6	0.0
Channel				648668	650000	651334	14.6	0.0
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.25	13.31	13.22	14.6	0.0
Channel				648334	650000	651668	14.6	0.0
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.27	13.30	13.22	14.6	0.0
Channel				648000	650000	652000	14.6	0.0
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.27	13.31	13.23	14.6	0.0
Channel				647668	650000	652334	14.6	0.0
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.28	13.32	13.23	14.6	0.0
Channel				647334	650000	652668	14.6	0.0
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.27	13.31	13.23	14.6	0.0
Channel				647000	650000	652934	14.6	0.0
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.27	13.32	13.23	14.6	0.0
Channel				647000	650000	653000	14.6	0.0
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.21	13.25	13.21	14.6	0.0

PC2&3 Part270 n77 PC2 Ant 5 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				650000	650000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	15.24	15.19	15.26	16.7	0.0	
100	PI/2 BPSK	1	137	15.11	15.31	15.12			
100	PI/2 BPSK	1	271	15.22	15.23	15.24			
100	PI/2 BPSK	135	0	15.20	15.32	15.23			
100	PI/2 BPSK	135	69	15.15	15.21	15.14	16.7	0.0	
100	PI/2 BPSK	135	138	15.11	15.30	15.10	16.7	0.0	
100	PI/2 BPSK	270	0	15.12	15.34	15.20	16.7	0.0	
100	QPSK	1	1	15.08	15.38	15.12	16.7	0.0	
100	QPSK	1	137	15.18	15.26	15.12			
100	QPSK	1	271	15.23	15.27	15.28			
100	QPSK	135	0	15.16	15.21	15.22			
100	QPSK	135	69	15.20	15.33	15.28	16.7	0.0	
100	QPSK	135	138	15.09	15.23	15.17	16.7	0.0	
100	QPSK	270	0	15.17	15.23	15.11	16.7	0.0	
100	16QAM	1	1	15.13	15.26	15.28	16.7	0.0	
100	64QAM	1	1	15.24	15.20	15.22	16.7	0.0	
100	256QAM	1	1	15.18	15.32	15.21	16.7	0.0	
Channel				648668	650000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01	(dB)		
90	QPSK	1	1	14.98	15.28	15.03	16.7	0.0	
Channel				649334	650000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	(dB)		
80	QPSK	1	1	14.98	15.28	15.02	16.7	0.0	
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945	(dB)		
70	QPSK	1	1	14.99	15.26	15.03	16.7	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01	(dB)		
60	QPSK	1	1	15.00	15.26	15.03	16.7	0.0	
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02	(dB)		
50	QPSK	1	1	15.00	15.28	15.04	16.7	0.0	
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	(dB)		
40	QPSK	1	1	15.00	15.28	15.04	16.7	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01	(dB)		
30	QPSK	1	1	15.00	15.27	15.03	16.7	0.0	
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	(dB)		
20	QPSK	1	1	14.99	15.26	15.02	16.7	0.0	
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	(dB)		
15	QPSK	1	1	14.99	15.26	15.03	16.7	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975	(dB)		
10	QPSK	1	1	15.00	15.27	15.03	16.7	0.0	

PC2&3 Part270 n78 Ant 5 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				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		15.05		16.7	0.0	
100	PI/2 BPSK	1	137		15.17				
100	PI/2 BPSK	1	271		15.08				
100	PI/2 BPSK	135	0		14.62				
100	PI/2 BPSK	135	69		15.01		16.7	0.0	
100	PI/2 BPSK	135	138		14.71		16.7	0.0	
100	PI/2 BPSK	270	0		14.83				
100	QPSK	1	1		15.20				
100	QPSK	1	137		14.98		16.7	0.0	
100	QPSK	1	271		15.09		16.7	0.0	
100	QPSK	135	0		14.27				
100	QPSK	135	69		15.00				
100	QPSK	135	138		14.25				
100	QPSK	270	0		14.23		16.7	0.0	
100	16QAM	1	1		14.27		16.7	0.0	
100	64QAM	1	1		12.82		16.7	0.0	
100	256QAM	1	1		10.85		16.7	0.0	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	15.02	15.12	15.06	16.7	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	15.01	15.11	15.05	16.7	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	15.01	15.10	15.08	16.7	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	15.03	15.10	15.07	16.7	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	15.01	15.12	15.07	16.7	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	15.02	15.12	15.07	16.7	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	15.02	15.12	15.07	16.7	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	15.03	15.10	15.08	16.7	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	15.02	15.12	15.08	16.7	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	15.02	15.11	15.09	16.7	0.0	

PC2&3 Part270 n77 Ant 7 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				650000	650000	650000	15.6	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	13.78	13.93	13.66	15.6	0.0	
100	PI/2 BPSK	1	137	13.85	13.79	13.67			
100	PI/2 BPSK	1	271	13.84	13.90	13.68			
100	PI/2 BPSK	135	0	13.73	13.95	13.80			
100	PI/2 BPSK	135	69	13.82	13.96	13.70	15.6	0.0	
100	PI/2 BPSK	135	138	13.81	13.80	13.75			
100	PI/2 BPSK	270	0	13.77	13.95	13.77			
100	QPSK	1	1	13.76	13.98	13.88			
100	QPSK	1	137	13.89	13.84	13.73	15.6	0.0	
100	QPSK	1	271	13.85	13.91	13.89			
100	QPSK	135	0	13.82	13.91	13.80			
100	QPSK	135	69	13.75	13.92	13.63			
100	QPSK	135	138	13.84	13.80	13.75	15.6	0.0	
100	QPSK	270	0	13.86	13.87	13.80			
100	16QAM	1	1	13.82	13.80	13.77		15.6	
100	64QAM	1	1	13.87	13.80	13.64			
100	256QAM	1	1	13.75	13.91	13.81			
Channel				648668	650000	652334	15.6	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	13.67	13.71	13.59	15.6	0.0	
Channel				649334	650000	652668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	13.66	13.70	13.58		15.6	
Channel				649200	650000	653200			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	13.67	13.70	13.59		15.6	
Channel				648668	650000	653334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	13.66	13.70	13.59	15.6	0.0	
Channel				648334	650000	653668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	13.66	13.69	13.60		15.6	
Channel				648000	650000	654000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	13.67	13.70	13.60	15.6	0.0	
Channel				647995	650000	654334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	13.68	13.70	13.58		15.6	
Channel				647334	650000	654668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	13.67	13.71	13.58	15.6	0.0	
Channel				647165	650000	654934			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	13.67	13.69	13.58		15.6	
Channel				647000	650000	655000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	13.68	13.71	13.59		15.6	

PC2&3 Part270 n78 PC2 Ant 7 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				650000	650000	650000	15.6	0.0	
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1			13.57	15.6	0.0	
100	PI/2 BPSK	1	137			13.49			
100	PI/2 BPSK	1	271			13.66			
100	PI/2 BPSK	135	0			13.11			
100	PI/2 BPSK	135	69			13.53	15.6	0.0	
100	PI/2 BPSK	135	138			13.23			
100	PI/2 BPSK	270	0			13.55			
100	QPSK	1	1			13.84		15.6	
100	QPSK	1	137			13.69			
100	QPSK	1	271			13.76			
100	QPSK	135	0			12.98		15.6	
100	QPSK	135	69			13.71			
100	QPSK	135	138			12.90			
100	QPSK	270	0			12.88		15.6	
100	16QAM	1	1			12.84			
100	64QAM	1	1			11.39		15.6	
100	256QAM	1	1			9.54			
Channel				648668	650000	650334			
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	13.59	13.74	13.66	15.6	0.0	
Channel				649334	650000	650668			
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	13.58	13.74	13.67		15.6	
Channel				649000	650000	651000			
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	13.59	13.75	13.65		15.6	
Channel				648668	650000	651334			
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	13.58	13.75	13.66	15.6	0.0	
Channel				648334	650000	651668			
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	13.57	13.74	13.67		15.6	
Channel				648000	650000	652000			
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	13.58	13.74	13.65	15.6	0.0	
Channel				647995	650000	652334			
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	13.59	13.75	13.66		15.6	
Channel				647334	650000	652668			
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	13.59	13.76	13.66	15.6	0.0	
Channel				647165	650000	652934			
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	13.58	13.76	13.67		15.6	
Channel				647000	650000	653000			
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	13.57	13.74	13.66		15.6	

Part270 n77 Ant 9 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				650000	650000	662000	21.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.55	19.50	19.70	21.0	0.0	
100	PI/2 BPSK	1	137	19.53	19.50	19.52			
100	PI/2 BPSK	1	271	19.44	19.52	19.53			
100	PI/2 BPSK	135	0	18.91	19.13	19.03		0.5	
100	PI/2 BPSK	135	69	19.45	19.72	19.59	21.0	0.0	
100	PI/2 BPSK	135	138	19.10	19.11	18.98			
100	PI/2 BPSK	270	0	18.98	19.09	18.99	20.5	0.5	
100	QPSK	1	1	19.53	19.85	19.84			
100	QPSK	1	137	19.41	19.46	19.47	21.0	0.0	
100	QPSK	1	271	19.42	19.78	19.50			
100	QPSK	135	0	18.88	18.66	18.79		1.0	
100	QPSK	135	69	19.49	19.58	19.57		0.0	
100	QPSK	135	138	18.56	18.65	18.54	20.0	1.0	
100	QPSK	270	0	18.38	18.44	18.36			
100	16QAM	1	1	18.76	18.63	18.59	20.0	1.0	
100	64QAM	1	1	17.03	16.97	17.07		2.5	
100	256QAM	1	1	15.02	15.20	15.09	18.5	4.5	
Channel				648668	650000	662334	21.0	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	19.43	19.76	19.54	21.0	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	19.43	19.75	19.55		21.0	
Channel				649200	650000	663200	21.0	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	19.45	19.76	19.55	21.0	0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	19.44	19.76	19.55		21.0	
Channel				648334	650000	663068	21.0	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	19.44	19.75	19.55	21.0	0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	19.43	19.76	19.56		21.0	
Channel				647334	650000	663334	21.0	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	19.44	19.75	19.56	21.0	0.0	
Channel				647334	650000	664668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	19.43	19.77	19.55		21.0	
Channel				647168	650000	663234	21.0	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	19.43	19.75	19.55	21.0	0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	19.45	19.51	19.49	21.0	0.0	

Part270 n77 PC2 Ant 9 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				650000	650000	662000	21.9	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	20.64	20.68	20.41	21.9	0.0	
100	PI/2 BPSK	1	137	20.65	20.72	20.52			
100	PI/2 BPSK	1	271	20.67	20.79	20.41			
100	PI/2 BPSK	135	0	20.68	20.74	20.37		0.0	
100	PI/2 BPSK	135	69	20.69	20.87	20.54	21.9	0.0	
100	PI/2 BPSK	135	138	20.70	20.79	20.50			
100	PI/2 BPSK	270	0	20.55	20.75	20.41	20.5	0.0	
100	QPSK	1	1	20.58	20.81	20.48			
100	QPSK	1	137	20.61	20.72	20.41	21.9	0.0	
100	QPSK	1	271	20.64	20.74	20.37			
100	QPSK	135	0	20.71	20.70	20.37		0.0	
100	QPSK	135	69	20.57	20.77	20.52		0.0	
100	QPSK	135	138	20.61	20.71	20.39	21.9	0.0	
100	QPSK	270	0	20.57	20.72	20.39			
100	16QAM	1	1	20.59	20.71	20.41	21.9	0.0	
100	64QAM	1	1	20.11	20.13	20.09		21.5	
100	256QAM	1	1	18.01	18.06	18.03	19.5	2.4	
Channel				648668	650000	662334	21.9	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	20.48	20.69	20.39	21.9	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	20.49	20.68	20.39		21.9	
Channel				649000	650000	663000	21.9	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	20.48	20.68	20.39	21.9	0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	20.49	20.70	20.39		21.9	
Channel				648334	650000	663068	21.9	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	20.50	20.69	20.38	21.9	0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	20.49	20.68	20.40		21.9	
Channel				647334	650000	663334	21.9	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	20.50	20.68	20.39	21.9	0.0	
Channel				647334	650000	664668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	20.48	20.68	20.40		21.9	
Channel				647168	650000	663634	21.9	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	20.48	20.68	20.39	21.9	0.0	
Channel				647000	650000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	20.49	20.69	20.39	21.9	0.0	

Part270 n78 Ant 9 DS17									
BW [MHz]	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			21.0	0.0	
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		19.37				
100	PI/2 BPSK	1	137		19.39				
100	PI/2 BPSK	1	271		19.39				
100	PI/2 BPSK	135	0		18.95		20.5	0.5	
100	PI/2 BPSK	135	69		19.55		21.0	0.0	
100	PI/2 BPSK	135	138		18.02				
100	PI/2 BPSK	270	0		19.07		20.5	0.5	
100	QPSK	1	1		19.83				
100	QPSK	1	137		19.39		21.0	0.0	
100	QPSK	1	271		19.75				
100	QPSK	135	0		18.61		20.0	1.0	
100	QPSK	135	69		19.40		21.0	0.0	
100	QPSK	135	138		18.47				
100	QPSK	270	0		18.31		20.0	1.0	
100	16QAM	1	1		18.55		20.0	1.0	
100	64QAM	1	1		16.89		18.5	2.5	
100	256QAM	1	1		15.10		16.5	4.5	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1		19.70	19.73	19.73	21.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1		19.68	19.73	19.72	21.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1		19.69	19.75	19.72	21.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1		19.70	19.73	19.71	21.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1		19.68	19.74	19.73	21.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1		19.70	19.73	19.73	21.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1		19.70	19.74	19.72	21.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1		19.69	19.73	19.71	21.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1		19.70	19.75	19.71	21.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1		19.68	19.71	19.69	21.0	0.0

Part270 n78 PC2 Ant 9 DS17									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR (dB)	
Channel				650000			21.9	0.0	
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	20.50					
100	PI/2 BPSK	1	137	20.36					
100	PI/2 BPSK	1	271	20.52					
100	PI/2 BPSK	135	0	19.98			21.9	0.0	
100	PI/2 BPSK	135	69	20.36			21.9	0.0	
100	PI/2 BPSK	135	138	20.06			21.9	0.0	
100	PI/2 BPSK	270	0	20.21			21.9	0.0	
100	QPSK	1	1	20.76					
100	QPSK	1	137	20.49			21.9	0.0	
100	QPSK	1	271	20.51					
100	QPSK	135	0	19.69			21.9	0.0	
100	QPSK	135	69	20.57			21.9	0.0	
100	QPSK	135	138	19.67			21.9	0.0	
100	QPSK	270	0	19.57			21.9	0.0	
100	16QAM	1	1	19.68			21.9	0.0	
100	64QAM	1	1	20.25			21.5	0.4	
100	256QAM	1	1	18.01			19.5	2.4	
Channel				649668	650000	650334	Tune-up limit	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	20.59	20.66	20.53	21.9	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	20.60	20.67	20.55	21.9	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR (dB)	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	20.60	20.68	20.55	21.9	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	20.59	20.67	20.54	21.9	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	20.59	20.68	20.55	21.9	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR (dB)	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	20.60	20.66	20.54	21.9	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	20.59	20.68	20.55	21.9	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	20.61	20.68	20.54	21.9	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	20.59	20.67	20.54	21.9	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR (dB)	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	20.60	20.66	20.54	21.9	0.0	

Full & Default & DS14 Power_Other Path

n41 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518998	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.33	22.42	22.36		
100	PI/2 BPSK	1	137	22.46	22.52	22.32	24.0	0.0
100	PI/2 BPSK	1	271	22.34	22.44	22.30		
100	PI/2 BPSK	135	0	22.00	22.06	22.02	23.5	0.5
100	PI/2 BPSK	135	69	22.42	22.48	22.40	24.0	0.0
100	PI/2 BPSK	135	138	21.95	22.09	21.99	23.5	0.5
100	PI/2 BPSK	270	0	22.04	22.02	21.90		
100	QPSK	1	1	22.40	22.59	22.39		
100	QPSK	1	137	22.36	22.42	22.41	24.0	0.0
100	QPSK	1	271	22.43	22.53	22.38		
100	QPSK	135	0	21.52	21.54	21.43	23.0	1.0
100	QPSK	135	69	22.33	22.43	22.31	24.0	0.0
100	QPSK	135	138	21.47	21.54	21.46	23.0	1.0
100	QPSK	270	0	21.50	21.57	21.39		
100	16QAM	1	1	21.51	21.56	21.45	23.0	1.0
100	64QAM	1	1	19.96	20.11	20.01	21.5	2.5
100	256QAM	1	1	17.97	18.11	17.88	19.5	4.5
Channel				508200	518998	528998	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	22.31	22.50	22.28	24.0	0.0
Channel				507204	518998	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	22.32	22.50	22.26	24.0	0.0
Channel				506202	518998	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	22.31	22.51	22.26	24.0	0.0
Channel				505200	518998	531998	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	22.32	22.49	22.28	24.0	0.0
Channel				504204	518998	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	22.31	22.49	22.26	24.0	0.0
Channel				503202	518998	533000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	22.31	22.49	22.27	24.0	0.0
Channel				502200	518998	534998	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	22.32	22.51	22.27	24.0	0.0
Channel				501204	518998	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	22.32	22.51	22.28	24.0	0.0
Channel				500700	518998	536498	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	22.32	22.50	22.27	24.0	0.0
Channel				500202	518998	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	22.32	22.50	22.28	24.0	0.0

n5 Ant 4								
SW [MHz]	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	22.79	22.98	22.88	24.0	0.0
20	PI/2 BPSK	1	53	22.79	22.98	22.88		
20	PI/2 BPSK	1	104	22.79	22.98	22.88		
20	PI/2 BPSK	50	0	22.37	22.53	22.44	23.5	0.5
20	PI/2 BPSK	50	28	22.76	22.93	22.88	24.0	0.0
20	PI/2 BPSK	50	56	22.38	22.51	22.41	23.5	0.5
20	PI/2 BPSK	100	0	22.37	22.55	22.48		
20	QPSK	1	1	22.93	23.02	22.96		
20	QPSK	1	53	22.82	22.93	22.86	24.0	0.0
20	QPSK	1	104	22.82	22.96	22.86	23.0	1.0
20	QPSK	50	0	22.00	22.09	22.00		
20	QPSK	50	28	22.86	22.07	22.81		
20	QPSK	50	56	21.99	22.02	22.00	24.0	0.0
20	QPSK	100	0	21.99	22.07	21.96	23.0	1.0
20	16QAM	1	1	21.93	22.02	21.99	23.0	1.0
20	64QAM	1	1	20.45	20.48	20.49	21.5	2.5
20	256QAM	1	1	18.46	18.59	18.50	19.5	4.5
Channel				168300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.84	22.92	22.88	24.0	0.0
Channel				168800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.84	22.84	22.88	24.0	0.0
Channel				169300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.84	22.92	22.86	24.0	0.0

Part270 n77 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	24.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	22.32	22.50	22.36	24.0	0.0	
100	PI/2 BPSK	1	137	22.28	22.45	22.27			
100	PI/2 BPSK	1	271	22.35	22.53	22.24			
100	PI/2 BPSK	135	0	21.89	22.10	21.96		0.5	
100	PI/2 BPSK	135	69	22.28	22.46	22.35	24.0	0.0	
100	PI/2 BPSK	135	138	21.89	22.13	21.92	23.5	0.5	
100	PI/2 BPSK	270	0	21.97	22.11	21.86			
100	QPSK	1	1	22.41	22.57	22.31	24.0	0.0	
100	QPSK	1	137	22.39	22.53	22.25			
100	QPSK	1	271	22.31	22.47	22.32			
100	QPSK	135	0	21.44	21.53	21.46		1.0	
100	QPSK	135	69	22.30	22.40	22.28	24.0	0.0	
100	QPSK	135	138	21.38	21.59	21.37	23.0	1.0	
100	QPSK	270	0	21.38	21.57	21.38			
100	16QAM	1	1	21.52	21.58	21.46	23.0	1.0	
100	64QAM	1	1	19.91	20.11	19.94	21.5	2.5	
100	256QAM	1	1	17.88	18.12	17.94	19.5	4.5	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	22.32	22.49	22.22	24.0	0.0	
Channel				649334	650000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	22.33	22.47	22.22	24.0	0.0	
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	22.33	22.48	22.21	24.0	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	22.32	22.49	22.22	24.0	0.0	
Channel				648334	650000	663068	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	22.32	22.47	22.21	24.0	0.0	
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	22.32	22.48	22.22	24.0	0.0	
Channel				647668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	22.33	22.47	22.21	24.0	0.0	
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	22.33	22.49	22.23	24.0	0.0	
Channel				647000	650000	664934	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	22.32	22.47	22.23	24.0	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	22.33	22.47	22.23	24.0	0.0	

Part270 n77 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	27.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	25.28	25.56	25.31	27.0	0.0	
100	PI/2 BPSK	1	137	25.23	25.40	25.34			
100	PI/2 BPSK	1	271	25.29	25.47	25.26			
100	PI/2 BPSK	135	0	24.93	25.16	24.91		0.5	
100	PI/2 BPSK	135	69	25.31	25.40	25.31	27.0	0.0	
100	PI/2 BPSK	135	138	24.92	25.12	24.90	26.5	0.5	
100	PI/2 BPSK	270	0	25.03	25.15	24.89			
100	QPSK	1	1	25.44	25.61	25.31	27.0	0.0	
100	QPSK	1	137	25.39	25.57	25.29			
100	QPSK	1	271	25.30	25.51	25.27			
100	QPSK	135	0	24.37	24.56	24.48		1.0	
100	QPSK	135	69	25.29	25.46	25.30	27.0	0.0	
100	QPSK	135	138	24.42	24.56	24.31	26.0	1.0	
100	QPSK	270	0	24.43	24.55	24.41			
100	16QAM	1	1	24.59	24.60	24.40	26.0	1.0	
100	64QAM	1	1	22.96	23.08	22.89	24.5	2.5	
100	256QAM	1	1	20.85	21.15	20.87	22.5	4.5	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	25.35	25.52	25.23	27.0	0.0	
Channel				649334	650000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	25.34	25.52	25.21	27.0	0.0	
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	25.36	25.52	25.22	27.0	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	25.34	25.53	25.21	27.0	0.0	
Channel				648334	650000	663068	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	25.36	25.51	25.23	27.0	0.0	
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	25.36	25.52	25.21	27.0	0.0	
Channel				647668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	25.36	25.53	25.23	27.0	0.0	
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	25.34	25.51	25.23	27.0	0.0	
Channel				647000	650000	664934	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	25.34	25.53	25.22	27.0	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	25.31	25.25	25.35	27.0	0.0	

Part270 n78 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		22.35				
100	PI/2 BPSK	1	137		22.25		24.0	0.0	
100	PI/2 BPSK	1	271		22.31				
100	PI/2 BPSK	135	0		21.95		23.5	0.5	
100	PI/2 BPSK	135	69		22.32		24.0	0.0	
100	PI/2 BPSK	135	138		21.98				
100	PI/2 BPSK	270	0		21.98		23.5	0.5	
100	QPSK	1	1		22.38				
100	QPSK	1	137		22.32		24.0	0.0	
100	QPSK	1	271		22.29				
100	QPSK	135	0		21.29		23.0	1.0	
100	QPSK	135	69		22.15		24.0	0.0	
100	QPSK	135	138		21.34				
100	QPSK	270	0		21.41		23.0	1.0	
100	16QAM	1	1		21.38		23.0	1.0	
100	64QAM	1	1		19.85		21.5	2.5	
100	256QAM	1	1		17.85		19.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	22.17	22.23	22.11	24.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	22.17	22.24	22.09	24.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	22.17	22.23	22.09	24.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	22.15	22.23	22.09	24.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	22.17	22.24	22.09	24.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	22.17	22.25	22.09	24.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	22.17	22.23	22.11	24.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	22.15	22.23	22.09	24.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	22.15	22.23	22.09	24.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	22.15	22.23	22.11	24.0	0.0	

Part270 n78 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		25.35				
100	PI/2 BPSK	1	137		25.32		27.0	0.0	
100	PI/2 BPSK	1	271		25.25				
100	PI/2 BPSK	135	0		24.98		26.5	0.5	
100	PI/2 BPSK	135	69		25.37		27.0	0.0	
100	PI/2 BPSK	135	138		25.02				
100	PI/2 BPSK	270	0		24.95		26.5	0.5	
100	QPSK	1	1		25.38				
100	QPSK	1	137		25.28		27.0	0.0	
100	QPSK	1	271		25.23				
100	QPSK	135	0		24.23		26.0	1.0	
100	QPSK	135	69		25.12		27.0	0.0	
100	QPSK	135	138		24.30				
100	QPSK	270	0		24.48		26.0	1.0	
100	16QAM	1	1		24.42		26.0	1.0	
100	64QAM	1	1		22.83		24.5	2.5	
100	256QAM	1	1		20.85		22.5	4.5	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	25.17	25.27	25.13	27.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	25.17	25.27	25.13	27.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	25.16	25.26	25.11	27.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	25.16	25.27	25.12	27.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	25.15	25.27	25.11	27.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	25.17	25.26	25.13	27.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	25.16	25.28	25.13	27.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	25.15	25.27	25.12	27.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	25.16	25.26	25.11	27.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	25.17	25.28	25.12	27.0	0.0	

Reduced Power Mode for DSI2_Other Path

n41 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518998	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.33	22.42	22.36		
100	PI/2 BPSK	1	137	22.46	22.92	22.32	24.0	0.0
100	PI/2 BPSK	1	271	22.34	22.44	22.30		
100	PI/2 BPSK	135	0	22.00	22.06	22.02	23.5	0.5
100	PI/2 BPSK	135	69	22.42	22.48	22.40	24.0	0.0
100	PI/2 BPSK	135	138	21.95	22.09	21.99	23.5	0.5
100	PI/2 BPSK	270	0	22.04	22.02	21.90		
100	QPSK	1	1	22.40	22.98	22.36		
100	QPSK	1	137	22.36	22.42	22.41	24.0	0.0
100	QPSK	1	271	22.43	22.53	22.38		
100	QPSK	135	0	21.52	21.54	21.43	23.0	1.0
100	QPSK	135	69	22.33	22.43	22.31	24.0	0.0
100	QPSK	135	138	21.47	21.54	21.46	23.0	1.0
100	QPSK	270	0	21.50	21.57	21.39		
100	16QAM	1	1	21.51	21.58	21.45	23.0	1.0
100	64QAM	1	1	19.98	20.11	20.01	21.5	2.5
100	256QAM	1	1	17.97	18.11	17.88	19.5	4.5
Channel				508200	518998	528998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.31	22.50	22.28	24.0	0.0
Channel				527204	518998	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.32	22.50	22.26	24.0	0.0
Channel				506202	518998	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.31	22.51	22.26	24.0	0.0
Channel				505200	518998	531092	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.32	22.49	22.28	24.0	0.0
Channel				504204	518998	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.31	22.49	22.26	24.0	0.0
Channel				503202	518998	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.31	22.49	22.27	24.0	0.0
Channel				502200	518998	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.32	22.51	22.27	24.0	0.0
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.32	22.51	22.28	24.0	0.0
Channel				500700	518998	536498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.32	22.50	22.27	24.0	0.0
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.32	22.50	22.28	24.0	0.0

n5 Ant 4								
SW [MHz]	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	167400	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.64	21.73	21.64		
20	PI/2 BPSK	1	53	21.57	21.64	21.67	23.2	0.0
20	PI/2 BPSK	1	104	21.61	21.70	21.59		
20	PI/2 BPSK	50	0	21.63	21.74	21.61	23.2	0.0
20	PI/2 BPSK	50	28	21.64	21.62	21.65	23.2	0.0
20	PI/2 BPSK	50	56	21.62	21.70	21.61		
20	PI/2 BPSK	100	0	21.63	21.64	21.67	23.2	0.0
20	QPSK	1	1	21.52	21.75	21.62		
20	QPSK	1	53	21.51	21.72	21.68	23.2	0.0
20	QPSK	1	104	21.59	21.67	21.57		
20	QPSK	50	0	21.30	21.45	21.44	23.0	0.2
20	QPSK	50	28	21.61	21.69	21.63	23.2	0.0
20	QPSK	50	56	21.28	21.49	21.45		
20	QPSK	100	0	21.30	21.53	21.46	23.0	0.2
20	16QAM	1	1	21.58	21.74	21.57	23.0	0.2
20	64QAM	1	1	19.85	19.94	19.99	21.5	1.7
20	256QAM	1	1	17.81	18.00	17.91	19.5	3.7
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.43	21.59	21.53	23.2	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.44	21.59	21.54	23.2	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.42	21.59	21.54	23.2	0.0

PC2&3 Part270 n77 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	17.70	17.85	17.56	19.3	0.0	
100	PI/2 BPSK	1	137	17.74	17.90	17.67			
100	PI/2 BPSK	1	271	17.70	17.87	17.57			
100	PI/2 BPSK	135	0	17.80	17.88	17.61			
100	PI/2 BPSK	135	69	17.78	17.90	17.54			
100	PI/2 BPSK	135	138	17.75	17.93	17.54	19.3	0.0	
100	PI/2 BPSK	270	0	17.74	17.93	17.57			
100	QPSK	1	1	17.77	17.98	17.56			
100	QPSK	1	137	17.67	17.95	17.55		19.3	
100	QPSK	1	271	17.78	17.93	17.64			
100	QPSK	135	0	17.80	17.89	17.56			
100	QPSK	135	69	17.77	17.95	17.67			
100	QPSK	135	138	17.71	17.90	17.60			
100	QPSK	270	0	17.79	17.88	17.63	19.3	0.0	
100	16QAM	1	1	17.68	17.90	17.68			
100	64QAM	1	1	17.77	17.88	17.60			
100	256QAM	1	1	17.81	17.90	17.57		19.3	
Channel				648668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	17.69	17.88	17.48	19.3	0.0	
Channel				649334	656000	662668	Tune-up limit	(dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	17.67	17.90	17.47	19.3	0.0	
Channel				649000	656000	663000	Tune-up limit	(dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	17.68	17.88	17.46	19.3	0.0	
Channel				648668	656000	663334	Tune-up limit	(dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	17.68	17.90	17.47	19.3	0.0	
Channel				648334	656000	663668	Tune-up limit	(dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	17.68	17.89	17.47	19.3	0.0	
Channel				648000	656000	664000	Tune-up limit	(dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	17.68	17.90	17.47	19.3	0.0	
Channel				647668	656000	664334	Tune-up limit	(dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	17.68	17.90	17.46	19.3	0.0	
Channel				647334	656000	664668	Tune-up limit	(dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	17.69	17.88	17.48	19.3	0.0	
Channel				647168	656000	664834	Tune-up limit	(dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	17.68	17.90	17.47	19.3	0.0	
Channel				647000	656000	665000	Tune-up limit	(dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	17.69	17.88	17.48	19.3	0.0	

PC2&3 Part270 n78 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dB)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1	17.64			19.3	0.0
100	PI/2 BPSK	1	137	17.79				
100	PI/2 BPSK	1	271	17.72				
100	PI/2 BPSK	135	0	17.70				
100	PI/2 BPSK	135	69	17.69				
100	PI/2 BPSK	135	138	17.72			19.3	0.0
100	PI/2 BPSK	270	0	17.75				
100	QPSK	1	1	17.66				
100	QPSK	1	137	17.77			19.3	0.0
100	QPSK	1	271	17.72				
100	QPSK	135	0	17.69			19.3	0.0
100	QPSK	135	69	17.82				
100	QPSK	135	138	17.72			19.3	0.0
100	QPSK	270	0	17.67				
100	16QAM	1	1	17.68			19.3	0.0
100	64QAM	1	1	17.71				
100	256QAM	1	1	17.79			19.3	0.0
Channel				649668	650000	650334		
Frequency (MHz)				3745.02	3750	3755.01	Tune-up limit (dB)	MPR (dB)
90	QPSK	1	1	17.65	17.77	17.71	19.3	0.0
Channel				649334	650000	650668	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.66	17.76	17.73	19.3	0.0
Channel				649000	650000	651000	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.66	17.75	17.73	19.3	0.0
Channel				648668	650000	661334	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.66	17.77	17.73	19.3	0.0
Channel				648334	650000	651668	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.66	17.77	17.73	19.3	0.0
Channel				648000	650000	662000	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.66	17.76	17.72	19.3	0.0
Channel				647668	650000	652334	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.67	17.77	17.73	19.3	0.0
Channel				647334	650000	652668	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.65	17.76	17.73	19.3	0.0
Channel				647168	650000	652834	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.65	17.77	17.71	19.3	0.0
Channel				647000	650000	653000	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.65	17.77	17.72	19.3	0.0

Reduced Power Mode for DSI3_Other Path

n41 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	19.95	20.06	19.84			
100	PI/2 BPSK	1	137	19.92	20.10	19.91	21.7	0.0	
100	PI/2 BPSK	1	271	19.96	20.03	19.82			
100	PI/2 BPSK	135	0	19.84	20.04	19.92	21.7	0.0	
100	PI/2 BPSK	135	69	19.84	20.13	19.92	21.7	0.0	
100	PI/2 BPSK	135	138	19.92	20.04	19.97			
100	PI/2 BPSK	270	0	19.96	20.12	19.86	21.7	0.0	
100	QPSK	1	1	19.89	20.15	19.90			
100	QPSK	1	137	19.85	20.05	19.86	21.7	0.0	
100	QPSK	1	271	19.84	20.06	19.90			
100	QPSK	135	0	19.87	20.03	19.86	21.7	0.0	
100	QPSK	135	69	19.96	20.14	19.82	21.7	0.0	
100	QPSK	135	138	19.87	20.06	19.88	21.7	0.0	
100	QPSK	270	0	19.95	20.16	19.81			
100	16QAM	1	1	19.83	20.11	19.92	21.7	0.0	
100	64QAM	1	1	19.89	20.03	19.99	21.7	0.0	
100	256QAM	1	1	17.88	18.14	17.81	19.5	2.2	
Channel				508200	518598	528998	Tune-up limit	MPR	
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)	
90	QPSK	1	1	19.81	20.05	19.82	21.7	0.0	
Channel				507204	518598	529998	Tune-up limit	MPR	
Frequency (MHz)				2536.02	2592.99	2649.98	(dBm)	(dB)	
80	QPSK	1	1	19.80	20.05	19.82	21.7	0.0	
Channel				506202	518598	531000	Tune-up limit	MPR	
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)	
70	QPSK	1	1	19.79	20.07	19.81	21.7	0.0	
Channel				505200	518598	531998	Tune-up limit	MPR	
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)	
60	QPSK	1	1	19.80	20.05	19.80	21.7	0.0	
Channel				504204	518598	532998	Tune-up limit	MPR	
Frequency (MHz)				2521.02	2592.99	2664.98	(dBm)	(dB)	
50	QPSK	1	1	19.80	20.05	19.82	21.7	0.0	
Channel				503202	518598	534000	Tune-up limit	MPR	
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)	
40	QPSK	1	1	19.80	20.05	19.82	21.7	0.0	
Channel				502200	518598	534998	Tune-up limit	MPR	
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)	
30	QPSK	1	1	19.79	20.07	19.81	21.7	0.0	
Channel				501204	518598	535998	Tune-up limit	MPR	
Frequency (MHz)				2506.02	2592.99	2679.98	(dBm)	(dB)	
20	QPSK	1	1	19.81	20.07	19.82	21.7	0.0	
Channel				500700	518598	536498	Tune-up limit	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)	
15	QPSK	1	1	19.81	20.05	19.81	21.7	0.0	
Channel				500202	518598	537000	Tune-up limit	MPR	
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)	
10	QPSK	1	1	19.80	20.07	19.82	21.7	0.0	

n5 Ant 4								
SW [MHz]	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	167400	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.64	21.73	21.64		
20	PI/2 BPSK	1	53	21.57	21.64	21.67	23.2	0.0
20	PI/2 BPSK	1	104	21.61	21.70	21.59		
20	PI/2 BPSK	50	0	21.63	21.74	21.61	23.2	0.0
20	PI/2 BPSK	50	28	21.64	21.62	21.65	23.2	0.0
20	PI/2 BPSK	50	56	21.62	21.70	21.61		
20	PI/2 BPSK	100	0	21.63	21.64	21.67	23.2	0.0
20	QPSK	1	1	21.52	21.75	21.62		
20	QPSK	1	53	21.51	21.72	21.68	23.2	0.0
20	QPSK	1	104	21.59	21.67	21.57		
20	QPSK	50	0	21.30	21.45	21.44	23.0	0.2
20	QPSK	50	28	21.61	21.69	21.63	23.2	0.0
20	QPSK	50	56	21.28	21.49	21.45		
20	QPSK	100	0	21.30	21.53	21.46	23.0	0.2
20	16QAM	1	1	21.58	21.74	21.57	23.0	0.2
20	64QAM	1	1	19.85	19.94	19.99	21.5	1.7
20	256QAM	1	1	17.81	18.00	17.91	19.5	3.7
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.43	21.59	21.53	23.2	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.44	21.59	21.54	23.2	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.42	21.59	21.54	23.2	0.0

PC2&3 Part270 n77 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	660000	662000	3750		
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	15.95	15.86	15.94	17.7	0.0	
100	PI/2 BPSK	1	137	15.87	15.97	15.88			
100	PI/2 BPSK	1	271	15.87	15.94	15.85			
100	PI/2 BPSK	135	0	15.92	15.85	15.90			
100	PI/2 BPSK	135	69	15.86	15.95	15.87	17.7	0.0	
100	PI/2 BPSK	135	138	15.87	15.87	15.96			
100	PI/2 BPSK	270	0	15.93	15.92	15.95			
100	QPSK	1	1	15.93	15.99	15.94			
100	QPSK	1	137	15.95	15.86	15.86	17.7	0.0	
100	QPSK	1	271	15.91	15.86	15.86			
100	QPSK	135	0	15.80	15.86	15.81			
100	QPSK	135	69	15.83	15.87	15.83			
100	QPSK	135	138	15.85	15.81	15.86	17.7	0.0	
100	QPSK	270	0	15.95	15.96	15.80			
100	16QAM	1	1	15.84	15.86	15.95		17.7	
100	64QAM	1	1	15.92	15.92	15.95			
100	256QAM	1	1	15.96	15.96	15.87			
Channel				648668	660000	662334	3745.02	Tune-up limit (dBm)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	15.85	15.90	15.85	17.7	0.0	
Channel				649334	660000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	15.83	15.90	15.85		17.7	
Channel				648000	660000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	15.83	15.91	15.86		17.7	
Channel				648668	660000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	15.84	15.90	15.86		17.7	
Channel				648334	660000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	15.85	15.89	15.85		17.7	
Channel				648000	660000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	15.84	15.89	15.84		17.7	
Channel				647668	660000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	15.85	15.91	15.86		17.7	
Channel				647334	660000	664668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	15.85	15.90	15.86		17.7	
Channel				647000	660000	665000			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	15.83	15.91	15.86		17.7	
Channel				647000	660000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	15.85	15.90	15.84		17.7	
Channel									
Frequency (MHz)									
Channel									
Frequency (MHz)									

PC2&3 Part270 n78 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	660000	662000	3750		
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1			15.73	17.7	0.0	
100	PI/2 BPSK	1	137			15.88			
100	PI/2 BPSK	1	271			15.73			
100	PI/2 BPSK	135	0			15.80			
100	PI/2 BPSK	135	69			15.81	17.7	0.0	
100	PI/2 BPSK	135	138			15.76			
100	PI/2 BPSK	270	0			15.76			
100	QPSK	1	1			15.95			
100	QPSK	1	137			15.73	17.7	0.0	
100	QPSK	1	271			15.81			
100	QPSK	135	0			15.72			
100	QPSK	135	69			15.75			
100	QPSK	135	138			15.71	17.7	0.0	
100	QPSK	270	0			15.71			
100	16QAM	1	1			15.77		17.7	
100	64QAM	1	1			15.84			
100	256QAM	1	1			15.84			
Channel				648668	650000	660334	3745.02	Tune-up limit (dBm)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	15.74	15.86	15.72	17.7	0.0	
Channel				649334	650000	660668			
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	15.75	15.85	15.72		17.7	
Channel				648000	650000	661000			
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	15.74	15.87	15.73		17.7	
Channel				648668	650000	661334			
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	15.75	15.87	15.72		17.7	
Channel				648334	650000	661668			
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	15.73	15.85	15.72		17.7	
Channel				648000	650000	662000			
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	15.73	15.85	15.72		17.7	
Channel				647668	650000	662334			
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	15.73	15.85	15.72		17.7	
Channel				647334	650000	662668			
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	15.75	15.85	15.71		17.7	
Channel				647000	650000	662934			
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	15.74	15.87	15.73		17.7	
Channel				647000	650000	663000			
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	15.74	15.87	15.71		17.7	
Channel									
Frequency (MHz)									
Channel									
Frequency (MHz)									

Reduced Power Mode for DSI6_Other Path

n41 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				509202	518998	528000		
100	PI/2 BPSK	1	1	21.61	21.89	21.63		
100	PI/2 BPSK	1	137	21.64	21.77	21.66	23.2	0.0
100	PI/2 BPSK	1	271	21.65	21.79	21.60		
100	PI/2 BPSK	135	0	21.60	21.87	21.66	23.2	0.0
100	PI/2 BPSK	135	69	21.65	21.90	21.62	23.2	0.0
100	PI/2 BPSK	135	138	21.61	21.83	21.59	23.2	0.0
100	PI/2 BPSK	270	0	21.64	21.91	21.65	23.2	0.0
100	QPSK	1	1	21.70	21.85	21.62		
100	QPSK	1	137	21.62	21.86	21.61	23.2	0.0
100	QPSK	1	271	21.62	21.77	21.66		
100	QPSK	135	0	21.42	21.69	21.36	23.0	0.2
100	QPSK	135	69	21.70	21.77	21.68	23.2	0.0
100	QPSK	135	138	21.48	21.61	21.44		
100	QPSK	270	0	21.39	21.63	21.42	23.0	0.2
100	16QAM	1	1	21.39	21.72	21.35	23.0	0.2
100	64QAM	1	1	19.92	20.17	19.88	21.5	1.7
100	256QAM	1	1	17.90	18.16	17.86	19.5	3.7
Channel								
Frequency (MHz)				508200	518998	526998	Tune-up limit	MPR
				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	21.54	21.78	21.52	23.2	0.0
Channel								
Frequency (MHz)				507204	518998	529998	Tune-up limit	MPR
				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	21.52	21.77	21.52	23.2	0.0
Channel								
Frequency (MHz)				506202	518998	531000	Tune-up limit	MPR
				2531.01	2592.99	2605	(dBm)	(dB)
70	QPSK	1	1	21.52	21.78	21.53	23.2	0.0
Channel								
Frequency (MHz)				505200	518998	531998	Tune-up limit	MPR
				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	21.53	21.76	21.53	23.2	0.0
Channel								
Frequency (MHz)				504204	518998	532998	Tune-up limit	MPR
				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	21.53	21.77	21.51	23.2	0.0
Channel								
Frequency (MHz)				503202	518998	534000	Tune-up limit	MPR
				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	21.54	21.78	21.51	23.2	0.0
Channel								
Frequency (MHz)				502200	518998	534998	Tune-up limit	MPR
				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	21.52	21.77	21.53	23.2	0.0
Channel								
Frequency (MHz)				501204	518998	535998	Tune-up limit	MPR
				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	21.54	21.76	21.51	23.2	0.0
Channel								
Frequency (MHz)				500700	518998	536498	Tune-up limit	MPR
				2403.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	21.52	21.78	21.53	23.2	0.0
Channel								
Frequency (MHz)				500202	518998	537000	Tune-up limit	MPR
				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	21.54	21.76	21.51	23.2	0.0

n5 Ant 4								
SW [MHz]	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	167400	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.79	22.98	22.88	24.0	0.0
20	PI/2 BPSK	1	53	22.79	22.98	22.88		
20	PI/2 BPSK	1	104	22.79	22.98	22.88		
20	PI/2 BPSK	50	0	22.37	22.53	22.44	23.5	0.5
20	PI/2 BPSK	50	28	22.76	22.93	22.88	24.0	0.0
20	PI/2 BPSK	50	56	22.38	22.51	22.41	23.5	0.5
20	PI/2 BPSK	100	0	22.37	22.55	22.48		
20	QPSK	1	1	22.93	23.02	22.96		
20	QPSK	1	53	22.82	22.93	22.86	24.0	0.0
20	QPSK	1	104	22.82	22.96	22.86	23.0	1.0
20	QPSK	50	0	22.00	22.09	22.00		
20	QPSK	50	28	22.86	22.07	22.81		
20	QPSK	50	56	21.99	22.02	22.00	24.0	0.0
20	QPSK	100	0	21.99	22.07	21.96	23.0	1.0
20	16QAM	1	1	21.93	22.02	21.99	23.0	1.0
20	64QAM	1	1	20.45	20.48	20.49	21.5	2.5
20	256QAM	1	1	18.46	18.59	18.50	19.5	4.5
Channel				168300	167400	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.84	22.92	22.88	24.0	0.0
Channel				168800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.84	22.84	22.88	24.0	0.0
Channel				169300	167200	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.84	22.92	22.86	24.0	0.0

PC2&3 Part270 n77 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	660000	662000	20.6	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	18.89	19.01	18.71	20.6	0.0	
100	PI/2 BPSK	1	137	18.83	19.01	18.72			
100	PI/2 BPSK	1	271	18.83	19.00	18.69			
100	PI/2 BPSK	135	0	18.81	18.98	18.66			
100	PI/2 BPSK	135	69	18.78	18.98	18.69	20.6	0.0	
100	PI/2 BPSK	135	138	18.85	18.98	18.66			
100	PI/2 BPSK	270	0	18.84	19.08	18.69			
100	QPSK	1	1	18.90	19.11	18.73			
100	QPSK	1	137	18.87	19.00	18.66	20.6	0.0	
100	QPSK	1	271	18.90	18.95	18.77			
100	QPSK	135	0	18.85	19.06	18.75			
100	QPSK	135	69	18.90	19.07	18.77			
100	QPSK	135	138	18.82	19.03	18.70	20.6	0.0	
100	QPSK	270	0	18.78	19.00	18.66			
100	16QAM	1	1	18.88	18.96	18.71		20.6	
100	64QAM	1	1	18.85	18.99	18.74			
100	256QAM	1	1	18.83	18.95	18.75	20.6		0.0
Channel				649668	660000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	18.82	19.02	18.63	20.6	0.0	
Channel				649334	660000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	18.81	19.03	18.64	20.6	0.0	
Channel				649000	660000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	18.81	19.02	18.65	20.6	0.0	
Channel				648668	660000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	18.80	19.01	18.63	20.6	0.0	
Channel				648334	660000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	18.80	19.02	18.65	20.6	0.0	
Channel				648000	660000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	18.81	19.03	18.63	20.6	0.0	
Channel				647668	660000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	18.80	19.03	18.64	20.6	0.0	
Channel				647334	660000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	18.81	19.01	18.64	20.6	0.0	
Channel				647000	660000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	18.81	19.01	18.63	20.6	0.0	
Channel				647000	660000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	18.81	19.01	18.63	20.6	0.0	

PC2&3Part270 n78 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	660000	662000	20.6	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	18.90	19.01	18.71	20.6	0.0	
100	PI/2 BPSK	1	137	18.89	19.01	18.72			
100	PI/2 BPSK	1	271	18.83	19.00	18.69			
100	PI/2 BPSK	135	0	18.93	19.01	18.66			
100	PI/2 BPSK	135	69	18.83	19.01	18.69	20.6	0.0	
100	PI/2 BPSK	135	138	18.94	19.01	18.66			
100	PI/2 BPSK	270	0	18.93	19.01	18.66			
100	QPSK	1	1	18.90	19.05	18.73			
100	QPSK	1	137	18.90	19.01	18.66	20.6	0.0	
100	QPSK	1	271	18.92	19.01	18.66			
100	QPSK	135	0	18.92	19.01	18.66			
100	QPSK	135	69	18.93	19.01	18.66			
100	QPSK	135	138	18.91	19.01	18.66	20.6	0.0	
100	QPSK	270	0	18.85	19.01	18.66			
100	16QAM	1	1	18.83	19.01	18.66		20.6	
100	64QAM	1	1	18.89	19.01	18.66			
100	256QAM	1	1	18.81	19.01	18.66	20.6		0.0
Channel				649668	660000	660334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	18.92	18.97	18.86	20.6	0.0	
Channel				649334	660000	660668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	18.92	18.99	18.87	20.6	0.0	
Channel				649000	660000	661000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	18.93	18.97	18.86	20.6	0.0	
Channel				648668	660000	661334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	18.93	18.97	18.85	20.6	0.0	
Channel				648334	660000	661668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	18.91	18.96	18.85	20.6	0.0	
Channel				648000	660000	662000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	18.93	18.99	18.85	20.6	0.0	
Channel				647668	660000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	18.91	18.97	18.85	20.6	0.0	
Channel				647334	660000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	18.92	18.97	18.86	20.6	0.0	
Channel				647000	660000	662934	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	18.91	18.96	18.85	20.6	0.0	
Channel				647000	660000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	18.91	18.96	18.85	20.6	0.0	

Reduced Power Mode for DSI7_Other Path

n41 Ant 1								
SW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.95	20.06	19.84		
100	PI/2 BPSK	1	137	19.92	20.10	19.91	21.7	0.0
100	PI/2 BPSK	1	271	19.95	20.03	19.82		
100	PI/2 BPSK	135	0	19.84	20.04	19.92	21.7	0.0
100	PI/2 BPSK	135	69	19.84	20.13	19.92	21.7	0.0
100	PI/2 BPSK	135	138	19.92	20.04	19.87		
100	PI/2 BPSK	270	0	19.95	20.12	19.95	21.7	0.0
100	QPSK	1	1	19.89	20.15	19.90		
100	QPSK	1	137	19.85	20.05	19.86	21.7	0.0
100	QPSK	1	271	19.84	20.08	19.90		
100	QPSK	135	0	19.87	20.03	19.86	21.7	0.0
100	QPSK	135	69	19.96	20.14	19.82	21.7	0.0
100	QPSK	135	138	19.87	20.06	19.88		
100	QPSK	270	0	19.95	20.16	19.81	21.7	0.0
100	16QAM	1	1	19.83	20.11	19.92	21.7	0.0
100	64QAM	1	1	19.88	20.03	19.89	21.7	0.0
100	256QAM	1	1	17.88	18.14	17.81	19.5	2.2
Channel				506200	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.81	20.05	19.82	21.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.80	20.05	19.82	21.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.79	20.07	19.81	21.7	0.0
Channel				506200	518598	531998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.80	20.05	19.80	21.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2654.99		
50	QPSK	1	1	19.80	20.05	19.82	21.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.80	20.05	19.82	21.7	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.79	20.07	19.81	21.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.98		
20	QPSK	1	1	19.81	20.07	19.82	21.7	0.0
Channel				500700	518598	536498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.81	20.05	19.81	21.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.80	20.07	19.82	21.7	0.0

n5 Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	838.5	839		
20	PI/2 BPSK	1	1	19.78	19.95	19.87		
20	PI/2 BPSK	1	53	19.84	19.94	19.83	21.4	0.0
20	PI/2 BPSK	1	104	19.76	19.91	19.92		
20	PI/2 BPSK	50	0	19.86	19.90	19.85	21.4	0.0
20	PI/2 BPSK	50	28	19.89	19.96	19.89	21.4	0.0
20	PI/2 BPSK	50	56	19.83	19.87	19.86		
20	PI/2 BPSK	100	0	19.86	19.93	19.81	21.4	0.0
20	QPSK	1	1	19.86	19.99	19.96		
20	QPSK	1	53	19.85	19.87	19.79	21.4	0.0
20	QPSK	1	104	19.86	19.91	19.88		
20	QPSK	50	0	19.88	19.97	19.84	21.4	0.0
20	QPSK	50	28	19.78	19.94	19.91	21.4	0.0
20	QPSK	50	56	19.89	19.86	19.85		
20	QPSK	100	0	19.85	19.89	19.82	21.4	0.0
20	16QAM	1	1	19.76	19.93	19.87	21.4	0.0
20	64QAM	1	1	19.87	19.95	19.91	21.4	0.0
20	256QAM	1	1	17.88	18.00	17.90	19.5	1.9
Channel				168300	167300	168300		
Frequency (MHz)				831.5	838.5	841.5		
15	QPSK	1	1	19.77	19.91	19.78	21.4	0.0
Channel				168800	167300	168800		
Frequency (MHz)				829	838.5	844		
10	QPSK	1	1	19.76	19.91	19.77	21.4	0.0
Channel				169300	167300	169300		
Frequency (MHz)				826.5	838.5	846.5		
5	QPSK	1	1	19.77	19.89	19.76	21.4	0.0

Part270 n77 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	14.94	15.00	15.02	16.7	0.0	
100	PI/2 BPSK	1	137	15.01	14.95	14.95			
100	PI/2 BPSK	1	271	14.92	15.00	14.91			
100	PI/2 BPSK	135	0	14.90	14.98	15.02			
100	PI/2 BPSK	135	69	14.96	14.95	15.00	16.7	0.0	
100	PI/2 BPSK	135	138	15.03	14.98	14.96	16.7	0.0	
100	PI/2 BPSK	270	0	15.01	14.97	14.91	16.7	0.0	
100	QPSK	1	1	14.95	15.09	15.04	16.7	0.0	
100	QPSK	1	137	15.01	14.97	14.97			
100	QPSK	1	271	15.01	15.06	14.96			
100	QPSK	135	0	14.97	15.01	15.05			
100	QPSK	135	69	14.96	15.07	14.91	16.7	0.0	
100	QPSK	135	138	15.01	15.01	14.96	16.7	0.0	
100	QPSK	270	0	14.97	15.07	15.05	16.7	0.0	
100	16QAM	1	1	14.96	15.02	15.03	16.7	0.0	
100	64QAM	1	1	15.02	15.05	15.01	16.7	0.0	
100	256QAM	1	1	14.90	14.99	14.95	16.7	0.0	
Channel				648668	656000	662334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	1	14.90	15.00	14.94	16.7	0.0	
Channel				649334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	14.91	14.99	14.94	16.7	0.0	
Channel				649000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	QPSK	1	1	14.90	14.99	14.96	16.7	0.0	
Channel				648668	650000	653334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	14.91	15.01	14.95	16.7	0.0	
Channel				648334	650000	653668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	14.89	14.99	14.96	16.7	0.0	
Channel				648000	650000	654000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	14.89	15.01	14.95	16.7	0.0	
Channel				647668	650000	654334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	14.90	15.01	14.95	16.7	0.0	
Channel				647334	650000	654668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	14.89	15.00	14.95	16.7	0.0	
Channel				647000	650000	655000	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	14.89	15.00	14.96	16.7	0.0	
Channel				647000	650000	655000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	14.90	15.00	14.94	16.7	0.0	

Part270 n78 PC2 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dB)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1	14.80			16.7	0.0
100	PI/2 BPSK	1	137	14.78				
100	PI/2 BPSK	1	271	14.83				
100	PI/2 BPSK	135	0	14.89				
100	PI/2 BPSK	135	69	14.87			16.7	0.0
100	PI/2 BPSK	135	138	14.85				
100	PI/2 BPSK	270	0	14.79				
100	QPSK	1	1	14.87				
100	QPSK	1	137	14.86			16.7	0.0
100	QPSK	1	271	14.95				
100	QPSK	135	0	14.83				
100	QPSK	135	69	14.85				
100	QPSK	135	138	14.81			16.7	0.0
100	QPSK	270	0	14.85				
100	16QAM	1	1	14.89				
100	64QAM	1	1	14.91				
100	256QAM	1	1	14.79			16.7	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	14.86	14.88	14.80	16.7	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	14.85	14.89	14.81	16.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	14.86	14.88	14.81	16.7	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	14.87	14.87	14.80	16.7	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	14.87	14.87	14.80	16.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	14.85	14.87	14.79	16.7	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	14.85	14.88	14.80	16.7	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	14.85	14.87	14.79	16.7	0.0
Channel				647000	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	14.85	14.88	14.81	16.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	14.85	14.87	14.79	16.7	0.0

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Year	Gender	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

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

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

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

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

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

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