

Reduced Power Mode for DSI7

GSM850 And DSI7									
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	824.2	836.4	848.8
GSM 1 Tx slot	29.64	29.77	29.66	30.50	20.64	20.77	20.66	21.50	
GPRS 1 Tx slot	29.72	29.84	29.76	30.50	20.72	20.84	20.76	20.76	21.50
GPRS 2 Tx slots	28.56	28.64	28.52	29.50	22.56	22.64	22.52	23.50	
GPRS 3 Tx slots	26.43	26.54	26.46	27.50	22.17	22.28	22.20	23.24	
GPRS 4 Tx slots	25.48	25.55	25.42	26.50	22.48	22.55	22.42	23.50	
EDGE 1 Tx slot	22.52	22.58	23.11	24.00	13.52	13.98	14.11	15.00	
EDGE 2 Tx slots	21.58	21.73	21.69	23.00	15.08	15.73	15.68	17.00	
EDGE 3 Tx slots	19.23	19.48	19.42	20.50	14.97	15.22	15.16	16.24	
EDGE 4 Tx slots	17.87	18.02	17.95	19.00	14.87	15.02	14.95	16.00	

GSM1900 AnT0 DSI7									
GSM1900		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	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		19.62	19.66	19.52	20.50	10.62	10.66	10.52	11.50
GPRS 1 Tx slot		19.55	19.70	19.57	20.50	10.55	10.70	10.57	11.50
GPRS 2 Tx slots		18.63	18.72	18.68	19.50	12.63	12.72	12.68	13.50
GPRS 3 Tx slots		16.65	16.75	16.67	17.50	12.39	12.49	12.41	13.24
GPRS 4 Tx slots		15.52	15.65	15.54	16.50	12.52	12.65	12.54	13.50
EDGE 1 Tx slot		14.91	14.86	14.86	16.00	5.91	5.86	5.86	7.00
EDGE 2 Tx slots		13.67	13.88	13.87	15.00	7.87	7.88	7.87	9.00
EDGE 3 Tx slots		12.08	11.92	11.86	13.00	7.82	7.66	7.60	8.74
EDGE 4 Tx slots		10.86	10.98	10.88	12.00	7.86	7.98	7.88	9.00

WCDMA II AnT0 DSI7													
Burst			WCDMA II		WCDMA IV				WCDMA V				
TX Channel	5062	9490	9538	Tune-up	1312	1413	1513	Tune-up	4132	4162	4233	Tune-up	
Rx Channel	9602	9890	9938	Limit (dBm)	1537	1638	1738	Limit (dBm)	4367	4407	4458	Limit (dBm)	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		4364.4	4384.4	4424.6		
3GPP Rel 99	AMR 12.2Kbps	14.18	14.39	14.19	16.00	15.28	15.27	15.22	17.00	22.31	22.55	22.24	24.00
3GPP Rel 99	RMC 12.2Kbps	14.32	14.55	14.52	16.00	15.40	15.42	15.33	17.00	22.36	22.68	22.48	24.00
3GPP Rel 6	HSUPA Subtest-1	13.24	13.51	13.46	15.00	14.02	14.33	14.19	16.00	21.20	21.55	21.11	23.00
3GPP Rel 6	HSUPA Subtest-2	13.22	13.43	13.39	15.00	14.06	14.19	14.15	16.00	21.23	21.30	21.27	23.00
3GPP Rel 6	HSUPA Subtest-3	12.64	12.94	12.77	14.50	13.63	13.77	13.86	15.50	20.67	20.81	20.81	22.50
3GPP Rel 6	HSUPA Subtest-4	12.82	12.99	13.10	14.50	13.67	13.72	13.93	15.50	20.61	20.84	20.81	22.50
3GPP Rel 6	DC-HSDPA Subtest-1	13.11	13.40	13.46	15.00	14.05	14.29	14.13	16.00	21.23	21.24	21.13	23.00
3GPP Rel 6	DC-HSDPA Subtest-2	13.13	13.42	13.51	15.00	14.07	14.20	14.30	16.00	21.09	21.36	21.09	23.00
3GPP Rel 6	DC-HSDPA Subtest-3	12.71	12.86	12.98	14.50	13.54	13.79	13.68	15.50	20.61	20.84	20.72	22.50
3GPP Rel 6	DC-HSDPA Subtest-4	12.71	12.90	13.01	14.50	13.58	13.76	13.75	15.50	20.74	20.76	20.68	22.50
3GPP Rel 6	HSUPA Subtest-1	13.27	13.68	13.43	15.00	14.10	14.41	14.20	16.00	21.16	21.51	21.35	23.00
3GPP Rel 6	HSUPA Subtest-2	11.24	11.49	11.45	13.00	12.04	12.26	12.27	14.00	19.12	19.35	19.19	21.00
3GPP Rel 6	HSUPA Subtest-3	12.91	12.42	12.54	14.00	13.04	13.12	13.25	15.00	20.22	20.30	20.16	22.00
3GPP Rel 6	HSUPA Subtest-4	11.42	11.58	11.62	13.00	12.15	12.40	12.35	14.00	19.13	19.33	19.30	21.00
3GPP Rel 6	HSUPA Subtest-5	13.43	13.46	13.38	15.00	14.18	14.32	14.31	16.00	21.16	21.44	21.45	23.00

GSM850 Ant1 DS17						
GSM850		Burst Average Power (dBm)			Frame-Average Power (dBm)	
TX Channel		128	189	251	128	189
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4
GSM 1 Tx slot		26.40	26.52	26.48	27.00	17.40
GPRS 1 Tx slot		26.50	26.55	26.49	27.00	17.55
GPRS 2 Tx slots		25.26	25.34	25.26	26.00	19.34
GPRS 3 Tx slots		23.24	23.30	23.15	24.00	18.98
GPRS 4 Tx slots		22.18	22.28	22.13	23.00	19.18
EDGE 1 Tx slot		19.52	19.62	19.72	21.00	10.62
EDGE 2 Tx slots		18.21	18.32	18.46	20.00	12.21
EDGE 3 Tx slots		15.91	16.06	16.23	17.50	11.65
EDGE 4 Tx slots		14.52	14.57	14.83	16.00	11.52

GSM1900 Ant1 DS17						
GSM1900		Burst Average Power (dBm)			Frame-Average Power (dBm)	
TX Channel		512	661	810	512	661
Frequency (MHz)		1920.2	1930	1939.8	1920.2	1930
GSM 1 Tx slot		20.57	20.68	20.58	21.50	11.67
GPRS 1 Tx slot		20.55	20.70	20.58	21.50	11.55
GPRS 2 Tx slots		19.67	19.74	19.59	20.50	13.67
GPRS 3 Tx slots		17.81	17.68	17.60	18.50	13.35
GPRS 4 Tx slots		16.76	16.67	16.74	17.50	13.76
EDGE 1 Tx slot		15.15	15.45	15.54	16.50	8.15
EDGE 2 Tx slots		14.22	14.39	14.64	15.50	8.22
EDGE 3 Tx slots		12.18	12.48	12.52	13.50	7.92
EDGE 4 Tx slots		11.22	11.51	11.53	12.50	8.22

WCDMA II Ant1 DS17						
Band		WCDMA II			WCDMA IV	
TX Channel		9262	9400	9538	1312	1413
Rx Channel		9462	9600	9638	1537	1638
Frequency (MHz)		1852.4	1880	1907.6	1712.4	1732.6
3GPP Rel 99	AMR 12.2Kbps	14.95	15.11	14.96	16.00	15.66
3GPP Rel 99	RMC 12.2Kbps	15.08	15.21	15.03	16.00	15.71
3GPP Rel 6	HSDPA Subtest-1	13.63	13.81	13.80	15.00	14.59
3GPP Rel 6	HSDPA Subtest-2	13.54	13.73	13.77	15.00	14.51
3GPP Rel 6	HSDPA Subtest-3	13.01	13.29	13.31	14.50	13.98
3GPP Rel 6	HSDPA Subtest-4	13.07	13.38	13.39	14.50	14.09
3GPP Rel 6	DC-HSDPA Subtest-1	13.46	13.84	13.78	15.00	14.67
3GPP Rel 6	DC-HSDPA Subtest-2	13.51	13.72	13.75	15.00	14.42
3GPP Rel 6	DC-HSDPA Subtest-3	13.02	13.19	13.31	14.50	14.10
3GPP Rel 6	DC-HSDPA Subtest-4	13.09	13.21	13.36	14.50	13.94
3GPP Rel 6	HSUPA Subtest-1	13.48	13.83	13.85	15.00	14.49
3GPP Rel 6	HSUPA Subtest-2	11.50	11.82	11.84	13.00	12.61
3GPP Rel 6	HSUPA Subtest-3	12.49	12.86	12.79	14.00	13.46
3GPP Rel 6	HSUPA Subtest-4	11.82	11.82	11.90	13.00	12.41
3GPP Rel 6	HSUPA Subtest-5	13.72	13.92	13.84	15.00	14.49

WCDMA V Ant1 Default						
		WCDMA V			Tune-up Limit (dBm)	
		4132	4162	4233		
		4367	4407	4466		
		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	23.05	24.10	23.95	25.00	
3GPP Rel 99	RMC 12.2Kbps	24.38	24.39	24.36	25.00	
3GPP Rel 6	HSDPA Subtest-1	22.81	23.07	22.84	24.00	
3GPP Rel 6	HSDPA Subtest-2	22.94	23.04	22.94	24.00	
3GPP Rel 6	HSDPA Subtest-3	22.36	22.45	22.36	23.50	
3GPP Rel 6	HSDPA Subtest-4	22.39	22.51	22.43	23.50	
3GPP Rel 6	DC-HSDPA Subtest-1	22.86	23.04	22.83	24.00	
3GPP Rel 6	DC-HSDPA Subtest-2	22.85	22.92	22.91	24.00	
3GPP Rel 6	DC-HSDPA Subtest-3	22.36	22.64	22.33	23.50	
3GPP Rel 6	DC-HSDPA Subtest-4	22.36	22.41	22.22	23.50	
3GPP Rel 6	HSUPA Subtest-1	22.77	23.16	22.83	24.00	
3GPP Rel 6	HSUPA Subtest-2	20.89	21.14	20.87	22.00	
3GPP Rel 6	HSUPA Subtest-3	21.95	21.95	21.96	23.00	
3GPP Rel 6	HSUPA Subtest-4	20.84	21.13	20.96	22.00	
3GPP Rel 6	HSUPA Subtest-5	22.99	23.17	22.95	24.00	

Part27Q Band 42 Ant2 DSI 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				42190	42590	42990	14	0
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	12.98	13.14	13.00	14	0
20	QPSK	1	49	12.96	13.00	13.02		
20	QPSK	1	99	12.89	12.86	12.89		
20	QPSK	50	0	12.95	13.03	12.99		
20	QPSK	50	24	12.97	12.94	12.96		
20	QPSK	50	80	13.00	12.98	13.00		
20	QPSK	100	0	12.86	12.84	12.82	14	0
20	16QAM	1	0	12.92	12.97	12.79		
20	16QAM	1	49	12.90	12.84	12.82		
20	16QAM	1	99	12.83	12.80	12.82		
20	16QAM	50	0	12.79	12.84	12.99		
20	16QAM	50	24	12.78	12.98	12.86		
20	16QAM	50	80	12.94	12.81	12.82	14	0
20	16QAM	100	0	12.64	12.75	12.52		
20	64QAM	1	0	12.94	13.05	12.98		
20	64QAM	1	49	12.89	12.78	12.78		
20	64QAM	1	99	12.77	12.78	12.82		
20	64QAM	50	0	12.85	12.91	12.87		
20	64QAM	50	24	12.80	12.82	12.95	14	0
20	64QAM	50	80	12.81	12.92	12.73		
20	64QAM	100	0	12.55	12.64	12.57		
Channel				42165	42590	43015	14	0
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	13.03	12.85	12.90	14	0
15	QPSK	1	37	12.73	12.94	12.79		
15	QPSK	1	74	12.91	12.80	12.86		
15	QPSK	36	0	12.73	12.89	13.01		
15	QPSK	36	20	12.86	12.95	12.91		
15	QPSK	36	39	12.87	12.81	12.91		
15	QPSK	75	0	12.54	12.70	12.49	14	0
15	16QAM	1	0	12.88	12.82	12.73		
15	16QAM	1	37	12.65	12.64	12.75		
15	16QAM	1	74	12.64	12.69	12.66		
15	16QAM	36	0	12.76	12.80	12.85		
15	16QAM	36	20	12.67	12.77	12.74		
15	16QAM	36	39	12.88	12.81	12.69	14	0
15	16QAM	75	0	12.46	12.58	12.44		
15	64QAM	1	0	12.82	12.90	12.89		
15	64QAM	1	37	12.74	12.75	12.78		
15	64QAM	1	74	12.70	12.65	12.66		
15	64QAM	36	0	12.78	12.82	12.79		
15	64QAM	36	20	12.75	12.71	12.81	14	0
15	64QAM	36	39	12.84	12.75	12.81		
15	64QAM	75	0	12.41	12.54	12.40		
Channel				42140	42590	43040	14	0
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	13.02	12.94	12.81	14	0
10	QPSK	1	25	12.76	12.85	12.76		
10	QPSK	1	49	12.89	12.74	12.87		
10	QPSK	25	0	12.94	12.98	12.84		
10	QPSK	25	12	12.71	12.89	12.84		
10	QPSK	25	25	12.90	12.87	12.85		
10	QPSK	50	0	12.71	12.68	12.49	14	0
10	16QAM	1	0	12.75	12.98	12.69		
10	16QAM	1	25	12.82	12.86	12.70		
10	16QAM	1	49	12.72	12.73	12.86		
10	16QAM	25	0	12.68	12.80	12.80		
10	16QAM	25	12	12.66	12.82	12.62		
10	16QAM	25	25	12.79	12.76	12.58	14	0
10	16QAM	50	0	12.44	12.59	12.54		
10	64QAM	1	0	12.89	12.84	12.78		
10	64QAM	1	25	12.75	12.71	12.71		
10	64QAM	1	49	12.58	12.78	12.66		
10	64QAM	25	0	12.79	12.85	12.77		
10	64QAM	25	12	12.81	12.72	12.80	14	0
10	64QAM	25	25	12.88	12.72	12.76		
10	64QAM	50	0	12.58	12.59	12.42		
Channel				42115	42590	43065	14	0
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	12.94	12.87	12.81	14	0
5	QPSK	1	12	12.84	12.82	12.82		
5	QPSK	1	24	12.75	12.79	12.83		
5	QPSK	12	0	12.89	12.84	12.95		
5	QPSK	12	7	12.96	12.85	12.78		
5	QPSK	12	13	12.79	12.78	12.86		
5	QPSK	25	0	12.51	12.80	12.59	14	0
5	16QAM	1	0	12.86	12.96	12.78		
5	16QAM	1	12	12.81	12.73	12.74		
5	16QAM	1	24	12.60	12.75	12.81		
5	16QAM	12	0	12.69	12.81	12.78		
5	16QAM	12	7	12.80	12.82	12.74		
5	16QAM	12	13	12.80	12.77	12.64	14	0
5	16QAM	25	0	12.52	12.59	12.50		
5	64QAM	1	0	12.81	12.89	12.94		
5	64QAM	1	12	12.74	12.75	12.76		
5	64QAM	1	24	12.64	12.77	12.59		
5	64QAM	12	0	12.76	12.86	12.64		
5	64QAM	12	7	12.78	12.80	12.77	14	0
5	64QAM	12	13	12.85	12.74	12.73		
5	64QAM	25	0	12.55	12.46	12.32		

DL CA Power

2CA DL

CA List	PCC									SCC					Power	
	LTE	BW	BW	UL	UL	Mod	UL#	UL	DL Antenna Configuratio	LTE	BW	DL	DL	DL Antenna Configuratio	With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	Offset		Band	(MHz)	Freq. (MHz)	Channel		Tx Power (dBm)	Tx Power (dBm)
CA_2C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4 MIMO	Band 2	20M	1980	1098	4x4 MIMO	22.40	22.07
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4 MIMO	Band 2	20M	1980	1098	4x4 MIMO	22.03	22.07
CA_5A-41A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4 MIMO	22.64	22.73
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4 MIMO	23.33	23.50
CA_7A-42A	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4 MIMO	Band 42	20M	3500	42590	4x4 MIMO	22.95	23.09
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4 MIMO	Band 42	20M	3500	42590	4x4 MIMO	22.45	22.57
CA_7B	Band 7	Ant0	15M	2535	21100	QPSK	1	0	4x4 MIMO	Band 7	5M	2544	3193	4x4 MIMO	23.01	23.09
	Band 7	Ant1	15M	2535	21100	QPSK	1	0	4x4 MIMO	Band 7	5M	2544	3193	4x4 MIMO	22.41	22.57
CA_26A-41A	Band 26	Ant0	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4x4 MIMO	22.58	22.75
	Band 26	Ant1	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4x4 MIMO	23.37	23.55
CA_38A-66A	Band 38	Ant0	20M	2595	36000	QPSK	1	0	4x4 MIMO	Band 66	20M	2155	66886	4x4 MIMO	22.60	22.75
	Band 38	Ant1	20M	2595	36000	QPSK	1	0	4x4 MIMO	Band 66	20M	2155	66886	4x4 MIMO	22.07	22.10
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4 MIMO	Band 38	20M	2595	36000	4x4 MIMO	22.45	22.85
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4 MIMO	Band 38	20M	2595	36000	4x4 MIMO	22.96	22.14
CA_38C	Band 38	Ant0	20M	2580	37850	QPSK	1	0	4x4 MIMO	Band 38	20M	2600	38048	4x4 MIMO	22.80	22.75
	Band 38	Ant1	20M	2580	37850	QPSK	1	0	4x4 MIMO	Band 38	20M	2600	38048	4x4 MIMO	22.01	22.10
CA_41A-42A	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4 MIMO	Band 42	20M	3500	42590	4x4 MIMO	22.66	22.84
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	4x4 MIMO	Band 42	20M	3500	42590	4x4 MIMO	22.03	22.14
	Band 42	Ant2	20M	3500	42590	QPSK	1	0	4x4 MIMO	Band 41	20M	2593	40620	4x4 MIMO	23.09	23.20
CA_42A-42A	Band 42	Ant2	20M	3500	42590	QPSK	1	0	4x4 MIMO	Band 42	5M	3548	43065	4x4 MIMO	23.11	23.20
CA_42C	Band 42	Ant2	20M	3500	42590	QPSK	1	0	4x4 MIMO	Band 42	20M	3520	42788	4x4 MIMO	23.06	23.20

3CA DL

3CA List	PCC										SCC1				SCC2				Power		
	LTE	BW	BW	UL	UL	Mod.	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA
	Band	Ant	(MHz)	Freq.	Channel		RB	RB	Offset	Band	(MHz)	Freq.	Channel		Band	(MHz)	Freq.	Channel		(dBm)	Tx. Power
CA_2A-4A-5A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4 MIMO	Band 4	20M	2132.5	2175	4x4 MIMO	Band 5	10M	881.5	2525	4x4 MIMO	22.52	22.58
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4 MIMO	Band 5	10M	881.5	2525	4x4 MIMO	Band 2	20M	1960	900	4x4 MIMO	22.43	22.57
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0	4x4 MIMO	Band 2	20M	1960	900	4x4 MIMO	Band 4	20M	2132.5	2175	4x4 MIMO	22.59	22.73
CA_2A-4A-7A	Band 5	Ant1	10M	836.5	20525	QPSK	1	0	4x4 MIMO	Band 2	20M	1960	900	4x4 MIMO	Band 4	20M	2132.5	2175	4x4 MIMO	23.42	23.50
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4 MIMO	Band 4	20M	2132.5	2175	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	22.16	22.07
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	Band 2	20M	1960	900	4x4 MIMO	22.49	22.57
CA_2A-5A-6A	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4 MIMO	Band 2	20M	1960	900	4x4 MIMO	Band 4	20M	2132.5	2175	4x4 MIMO	23.03	23.09
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4 MIMO	Band 5	10M	881.5	2525	4x4 MIMO	Band 6	20M	2155	68886	4x4 MIMO	22.52	22.57
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0	4x4 MIMO	Band 6	20M	2155	68886	4x4 MIMO	Band 2	20M	1960	900	4x4 MIMO	23.36	23.50
CA_2A-7A-7A	Band 6	Ant1	20M	1745	132322	QPSK	1	0	4x4 MIMO	Band 2	20M	1960	900	4x4 MIMO	Band 5	10M	881.5	2525	4x4 MIMO	22.09	22.14
	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	Band 7	5M	2687.5	3425	4x4 MIMO	22.56	22.58
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	Band 7	5M	2687.5	3425	4x4 MIMO	21.96	22.07
CA_2A-7A-6A	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4 MIMO	Band 7	5M	2687.5	3425	4x4 MIMO	Band 2	20M	1960	900	4x4 MIMO	22.96	23.09
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	Band 6	20M	2155	68886	4x4 MIMO	23.15	22.07
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4 MIMO	Band 2	20M	1960	900	4x4 MIMO	Band 6	20M	2155	68886	4x4 MIMO	23.01	23.09
CA_2A-7C	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4 MIMO	Band 2	20M	1960	900	4x4 MIMO	Band 6	20M	2155	68886	4x4 MIMO	22.43	22.57
	Band 6	Ant0	20M	1745	132322	QPSK	1	0	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	Band 2	20M	1960	900	4x4 MIMO	22.52	22.65
	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	Band 7	20M	2554.8	3298	4x4 MIMO	22.51	22.58
CA_4A-7C	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	Band 7	20M	2554.8	3298	4x4 MIMO	22.02	22.07
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4 MIMO	Band 7	20M	2554.8	3298	4x4 MIMO	Band 2	20M	1960	900	4x4 MIMO	22.97	23.09
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	Band 7	20M	2554.8	3298	4x4 MIMO	22.41	22.57
CA_5A-7A-6A	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	Band 7	20M	2554.8	3298	4x4 MIMO	21.90	21.99
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4 MIMO	Band 7	20M	2554.8	3298	4x4 MIMO	Band 4	20M	2132.5	2175	4x4 MIMO	23.02	23.09
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4 MIMO	Band 7	20M	2554.8	3298	4x4 MIMO	Band 4	20M	2132.5	2175	4x4 MIMO	22.33	22.57
CA_5A-7C	Band 5	Ant0	10M	836.5	20525	QPSK	1	0	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	Band 6	20M	2155	68886	4x4 MIMO	22.08	22.73
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	Band 6	20M	2155	68886	4x4 MIMO	23.36	23.50
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4 MIMO	Band 5	10M	881.5	2525	4x4 MIMO	Band 6	20M	2155	68886	4x4 MIMO	22.99	23.09
CA_5A-6A-6A	Band 6	Ant1	20M	1745	132322	QPSK	1	0	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	Band 5	10M	881.5	2525	4x4 MIMO	22.04	22.14
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	Band 7	20M	2554.8	3298	4x4 MIMO	22.56	22.73
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	Band 7	20M	2554.8	3298	4x4 MIMO	23.41	23.50
CA_5A-6A-6A	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4 MIMO	Band 7	20M	2554.8	3298	4x4 MIMO	Band 5	10M	881.5	2525	4x4 MIMO	22.99	23.09
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4 MIMO	Band 7	20M	2554.8	3298	4x4 MIMO	Band 5	10M	881.5	2525	4x4 MIMO	22.43	22.57
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0	4x4 MIMO	Band 6	20M	2155	68886	4x4 MIMO	Band 6	5M	2197.5	67311	4x4 MIMO	22.56	22.73
CA_5A-6A-6A	Band 5	Ant1	10M	836.5	20525	QPSK	1	0	4x4 MIMO	Band 6	20M	2155	68886	4x4 MIMO	Band 6	5M	2197.5	67311	4x4 MIMO	23.42	23.50
	Band 6	Ant0	20M	1745	132322	QPSK	1	0	4x4 MIMO	Band 6	5M	2197.5	67311	4x4 MIMO	Band 5	10M	881.5	2525	4x4 MIMO	22.58	22.65
	Band 6	Ant1	20M	1745	132322	QPSK	1	0	4x4 MIMO	Band 6	5M	2197.5	67311	4x4 MIMO	Band 5	10M	881.5	2525	4x4 MIMO	22.09	22.14
CA_7A-26A-6A	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4 MIMO	Band 26	15M	876.5	8865	4x4 MIMO	Band 6	20M	2155	68886	4x4 MIMO	22.92	23.09
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4 MIMO	Band 26	15M	876.5	8865	4x4 MIMO	Band 6	20M	2155	68886	4x4 MIMO	22.34	22.57
	Band 26	Ant0	15M	831.5	28965	QPSK	1	0	4x4 MIMO	Band 6	20M	2155	68886	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	22.57	22.75
CA_7A-6A-6A	Band 26	Ant1	15M	831.5	28965	QPSK	1	0	4x4 MIMO	Band 6	20M	2155	68886	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	23.36	23.55
	Band 6	Ant0	20M	1745	132322	QPSK	1	0	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	Band 26	15M	876.5	8865	4x4 MIMO	22.49	22.65
	Band 6	Ant1	20M	1745	132322	QPSK	1	0	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	Band 26	15M	876.5	8865	4x4 MIMO	22.07	22.14
CA_7A-6A-6A	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4 MIMO	Band 6	20M	2155	68886	4x4 MIMO	Band 6	5M	2197.5	67311	4x4 MIMO	22.95	23.09
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4 MIMO	Band 6	20M	2155	68886	4x4 MIMO	Band 6	5M	2197.5	67311	4x4 MIMO	22.43	22.57
	Band 6	Ant0	20M	1745	132322	QPSK	1	0	4x4 MIMO	Band 6	5M	2197.5	67311	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	22.61	22.65
CA_41A-41A-41A	Band 6	Ant1	20M	1745	132322	QPSK	1	0	4x4 MIMO	Band 6	5M	2197.5	67311	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	22.08	22.14
	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4 MIMO	Band 41	5M	2687.5	41565	4x4 MIMO	Band 41	20M	2506	39750	4x4 MIMO	22.78	22.84
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	4x4 MIMO	Band 41	5M	2687.5	41565	4x4 MIMO	Band 41	20M	2506	39750	4x4 MIMO	22.12	22.14

4CA DL

Configure	PCC										SCC1					SCC2					SCC3					Power	
	LTE	BW	BW	UL	UL	ULF	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA		
	Band	Ant	(MHz)	Freq (MHz)	Channel		Mod.		RB	RB Offset	Band	(MHz)		Freq (MHz)	Channel	Band	(MHz)		Freq (MHz)	Channel	Band	(MHz)		Freq (MHz)	Channel	Tx Power (dBm)	Tx Power (dBm)
	Band	Ant	(MHz)	Freq (MHz)	Channel		Mod.		RB	RB Offset	Band	(MHz)		Freq (MHz)	Channel	Band	(MHz)		Freq (MHz)	Channel	Band	(MHz)		Freq (MHz)	Channel	Tx Power (dBm)	Tx Power (dBm)
CA_7C-66A-66A	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4 MIMO	Band 7	20M	2554.8	3298	4x4 MIMO	Band 66	20M	2155	66888	4x4 MIMO	Band 66	5M	2197.5	67311	4x4 MIMO	22.54	23.09	
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4 MIMO	Band 7	20M	2554.8	3298	4x4 MIMO	Band 66	20M	2155	66888	4x4 MIMO	Band 66	5M	2197.5	67311	4x4 MIMO	22.52	22.57	
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4 MIMO	Band 66	5M	2197.5	67311	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	Band 7	20M	2554.8	3298	4x4 MIMO	22.59	22.65	
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4 MIMO	Band 66	5M	2197.5	67311	4x4 MIMO	Band 7	20M	2655	3100	4x4 MIMO	Band 7	20M	2554.8	3298	4x4 MIMO	22.07	22.14	
CA_41A-41A-41C	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4 MIMO	Band 41	5M	2687.5	41565	4x4 MIMO	Band 41	20M	2506	39750	4x4 MIMO	Band 41	20M	2525.8	39948	4x4 MIMO	22.80	22.84	
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	4x4 MIMO	Band 41	5M	2687.5	41565	4x4 MIMO	Band 41	20M	2506	39750	4x4 MIMO	Band 41	20M	2525.8	39948	4x4 MIMO	22.13	22.14	
	Band 41	Ant0	20M	2506	39750	QPSK	1	0	4x4 MIMO	Band 41	20M	2640.4	41094	4x4 MIMO	Band 41	20M	2680.2	41292	4x4 MIMO	Band 41	20M	2680	41490	4x4 MIMO	22.72	22.84	
	Band 41	Ant1	20M	2506	39750	QPSK	1	0	4x4 MIMO	Band 41	20M	2640.4	41094	4x4 MIMO	Band 41	20M	2680.2	41292	4x4 MIMO	Band 41	20M	2680	41490	4x4 MIMO	22.07	22.14	
CA_41C-41C	Band 41	Ant0	20M	2506	39750	QPSK	1	0	4x4 MIMO	Band 41	20M	2525.8	39948	4x4 MIMO	Band 41	20M	2680.2	41292	4x4 MIMO	Band 41	20M	2680	41490	4x4 MIMO	22.86	22.84	
	Band 41	Ant1	20M	2506	39750	QPSK	1	0	4x4 MIMO	Band 41	20M	2525.8	39948	4x4 MIMO	Band 41	20M	2680.2	41292	4x4 MIMO	Band 41	20M	2680	41490	4x4 MIMO	22.02	22.14	
	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4 MIMO	Band 41	20M	2612.8	40818	4x4 MIMO	Band 41	20M	2632.8	41016	4x4 MIMO	Band 41	20M	2652.4	41214	4x4 MIMO	22.78	22.84	
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	4x4 MIMO	Band 41	20M	2612.8	40818	4x4 MIMO	Band 41	20M	2632.8	41016	4x4 MIMO	Band 41	20M	2652.4	41214	4x4 MIMO	22.11	22.14	

Uplink CA Power

Ant0

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.46	24.00
21100	21298	QPSK	1	99	1	0	22.55	24.00
21350	21152	QPSK	1	0	1	99	22.51	24.00

Ant0

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.43	24.00
37901	38099	QPSK	1	99	1	0	22.56	24.00
38150	37952	QPSK	1	0	1	99	22.50	24.00

Ant0

CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.51	24.00
40185	40383	QPSK	1	99	1	0	22.57	24.00
40620	40818	QPSK	1	99	1	0	22.62	24.00
41055	41253	QPSK	1	99	1	0	22.54	24.00
41490	41292	QPSK	1	0	1	99	22.48	24.00

Ant2

CA_42C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	23.11	24.00
42590	42788	QPSK	1	99	1	0	23.17	24.00
42990	42792	QPSK	1	0	1	99	23.05	24.00

Ant1

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.08	24.00
21100	21298	QPSK	1	99	1	0	22.19	24.00
21350	21152	QPSK	1	0	1	99	22.13	24.00

Ant1

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	21.64	23.00
37901	38099	QPSK	1	99	1	0	21.70	23.00
38150	37952	QPSK	1	0	1	99	21.61	23.00

Ant1

CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	21.65	23.00
40185	40383	QPSK	1	99	1	0	21.69	23.00
40620	40818	QPSK	1	99	1	0	21.74	23.00
41055	41253	QPSK	1	99	1	0	21.63	23.00
41490	41292	QPSK	1	0	1	99	21.59	23.00

Uplink CA Power

Ant1 DS12								
CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	16.11	18.00
21100	21298	QPSK	1	99	1	0	16.15	18.00
21350	21152	QPSK	1	0	1	99	16.04	18.00

Ant1 DS12								
CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	17.31	19.00
37901	38099	QPSK	1	99	1	0	17.40	19.00
38150	37952	QPSK	1	0	1	99	17.34	19.00

Ant1 DS12								
CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	15.24	17.00
40185	40383	QPSK	1	99	1	0	15.27	17.00
40620	40818	QPSK	1	99	1	0	15.32	17.00
41055	41253	QPSK	1	99	1	0	15.21	17.00
41490	41292	QPSK	1	0	1	99	15.18	17.00

Ant2 DS12								
CA_42C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	16.90	18.00
42590	42788	QPSK	1	99	1	0	16.94	18.00
42990	42792	QPSK	1	0	1	99	16.83	18.00

Uplink CA Power

Ant0 DS13								
CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	17.15	18.50
21100	21298	QPSK	1	99	1	0	17.34	18.50
21350	21152	QPSK	1	0	1	99	17.27	18.50

Ant0 DS13								
CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	17.23	19.00
37901	38099	QPSK	1	99	1	0	17.29	19.00
38150	37952	QPSK	1	0	1	99	17.19	19.00

Ant0 DS13								
CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	17.02	19.00
40185	40383	QPSK	1	99	1	0	17.18	19.00
40620	40818	QPSK	1	99	1	0	17.27	19.00
41055	41253	QPSK	1	99	1	0	17.15	19.00
41490	41292	QPSK	1	0	1	99	17.21	19.00

Ant2 DS13								
CA_42C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	15.91	17.00
42590	42788	QPSK	1	99	1	0	16.02	17.00
42990	42792	QPSK	1	0	1	99	15.88	17.00

Ant1 DS13								
CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	16.11	18.00
21100	21298	QPSK	1	99	1	0	16.15	18.00
21350	21152	QPSK	1	0	1	99	16.04	18.00

Ant1 DS13								
CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	16.51	18.00
37901	38099	QPSK	1	99	1	0	16.53	18.00
38150	37952	QPSK	1	0	1	99	16.45	18.00

Ant1 DS13								
CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	16.52	18.00
40185	40383	QPSK	1	99	1	0	16.32	18.00
40620	40818	QPSK	1	99	1	0	16.54	18.00
41055	41253	QPSK	1	99	1	0	16.09	18.00
41490	41292	QPSK	1	0	1	99	16.22	18.00

Uplink CA Power

Ant0 DS16							
CA_7C							
Combination 20MHz+20MHz (100RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	
20850	21048	QPSK	1	99	1	0	17.15
21100	21298	QPSK	1	99	1	0	17.34
21350	21152	QPSK	1	0	1	99	17.27

Ant0 DS16							
CA_38C							
Combination 20MHz+20MHz (100RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	
37850	38048	QPSK	1	99	1	0	17.23
37901	38099	QPSK	1	99	1	0	17.29
38150	37952	QPSK	1	0	1	99	17.19

Ant0 DS16							
CA_41C							
Combination 20MHz+20MHz (100RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	
39750	39948	QPSK	1	99	1	0	17.02
40185	40383	QPSK	1	99	1	0	17.18
40620	40818	QPSK	1	99	1	0	17.27
41055	41253	QPSK	1	99	1	0	17.15
41490	41292	QPSK	1	0	1	99	17.21

Ant2 DS16							
CA_42C							
Combination 20MHz+20MHz (100RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	
42190	42388	QPSK	1	99	1	0	16.02
42590	42788	QPSK	1	99	1	0	16.12
42990	42792	QPSK	1	0	1	99	16.05

Ant1 DS16							
CA_7C							
Combination 20MHz+20MHz (100RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	
20850	21048	QPSK	1	99	1	0	16.11
21100	21298	QPSK	1	99	1	0	16.15
21350	21152	QPSK	1	0	1	99	16.04

Ant1 DS16							
CA_38C							
Combination 20MHz+20MHz (100RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	
37850	38048	QPSK	1	99	1	0	16.51
37901	38099	QPSK	1	99	1	0	16.53
38150	37952	QPSK	1	0	1	99	16.45

Ant1 DS16							
CA_41C							
Combination 20MHz+20MHz (100RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	
39750	39948	QPSK	1	99	1	0	16.52
40185	40383	QPSK	1	99	1	0	16.32
40620	40818	QPSK	1	99	1	0	16.54
41055	41253	QPSK	1	99	1	0	16.09
41490	41292	QPSK	1	0	1	99	16.22

Uplink CA Power

Ant0 DS17

CA_7C							
Combination 20MHz+20MHz (100RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	
20850	21048	QPSK	1	99	1	0	16.64
21100	21298	QPSK	1	99	1	0	16.82
21350	21152	QPSK	1	0	1	99	16.55

Ant0 DS17

CA_38C							
Combination 20MHz+20MHz (100RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	
37850	38048	QPSK	1	99	1	0	17.23
37901	38099	QPSK	1	99	1	0	17.29
38150	37952	QPSK	1	0	1	99	17.19

Ant0 DS17

CA_41C							
Combination 20MHz+20MHz (100RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	
39750	39948	QPSK	1	99	1	0	17.02
40185	40383	QPSK	1	99	1	0	17.16
40620	40818	QPSK	1	99	1	0	17.27
41055	41253	QPSK	1	99	1	0	17.15
41490	41292	QPSK	1	0	1	99	17.21

Ant2 DS17

CA_42C							
Combination 20MHz+20MHz (100RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	
42190	42388	QPSK	1	99	1	0	13.02
42590	42788	QPSK	1	99	1	0	13.12
42990	42792	QPSK	1	0	1	99	12.91

Ant1 DS17

CA_7C							
Combination 20MHz+20MHz (100RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	
20850	21048	QPSK	1	99	1	0	14.11
21100	21298	QPSK	1	99	1	0	14.15
21350	21152	QPSK	1	0	1	99	14.04

Ant1 DS17

CA_38C							
Combination 20MHz+20MHz (100RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	
37850	38048	QPSK	1	99	1	0	16.51
37901	38099	QPSK	1	99	1	0	16.53
38150	37952	QPSK	1	0	1	99	16.45

Ant1 DS17

CA_41C							
Combination 20MHz+20MHz (100RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset	
39750	39948	QPSK	1	99	1	0	16.52
40185	40383	QPSK	1	99	1	0	16.32
40620	40818	QPSK	1	99	1	0	16.54
41055	41253	QPSK	1	99	1	0	16.09
41490	41292	QPSK	1	0	1	99	16.22



Full&Default Power Mode

n2 Ant0 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	24.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.55	22.71	22.63		
20	PI2 BPSK	1	53	22.65	22.74	22.59	23.5	0.5
20	PI2 BPSK	1	104	22.53	22.70	22.59		
20	PI2 BPSK	50	0	22.21	22.28	22.25		
20	PI2 BPSK	50	28	22.64	22.67	22.56	23.5	0.5
20	PI2 BPSK	50	56	22.19	22.25	22.14		
20	PI2 BPSK	100	0	22.08	22.23	22.19		
20	QPSK	1	1	22.75	22.77	22.68	24.0	0.0
20	QPSK	1	53	22.58	22.70	22.55		
20	QPSK	1	104	22.51	22.66	22.51		
20	QPSK	50	0	21.60	21.76	21.61	23.0	1.0
20	QPSK	50	28	22.63	22.73	22.58		
20	QPSK	50	56	21.57	21.71	21.61		
20	QPSK	100	0	21.60	21.69	21.57	23.0	1.0
20	16QAM	1	1	21.36	21.47	21.39		
20	64QAM	1	1	19.93	19.99	19.93		
20	256QAM	1	1	18.22	18.39	18.32	19.5	4.5
Channel				371500	376000	380500		
Frequency (MHz)				1827.5	1880	1902.5		
15	QPSK	1	1	22.60	22.61	22.63	24.0	0.0
Channel				371000	376000	381000		
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.66	22.64	22.60	24.0	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.64	22.65	22.63	24.0	0.0
Channel				370000	376000	382000		
Frequency (MHz)				1850	1880	1910		

n5 Ant0 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166500	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	22.72	22.87	22.80		
20	PI2 BPSK	1	53	22.79	22.91	22.79	23.5	0.5
20	PI2 BPSK	1	104	22.88	22.95	22.86		
20	PI2 BPSK	50	0	22.22	22.38	22.19		
20	PI2 BPSK	50	28	22.76	22.91	22.86	23.5	0.5
20	PI2 BPSK	50	56	22.36	22.42	22.29		
20	PI2 BPSK	100	0	22.28	22.38	22.34		
20	QPSK	1	1	22.86	22.96	22.90	24.0	0.0
20	QPSK	1	53	22.80	22.92	22.76		
20	QPSK	1	104	22.80	22.88	22.81		
20	QPSK	50	0	21.77	21.81	21.65	23.0	1.0
20	QPSK	50	28	22.82	22.92	22.84		
20	QPSK	50	56	21.84	21.88	21.72		
20	QPSK	100	0	21.69	21.83	21.76	23.0	1.0
20	16QAM	1	1	21.56	21.61	21.52		
20	64QAM	1	1	20.14	20.22	20.12		
20	256QAM	1	1	18.51	18.55	18.42	19.5	4.5
Channel				166300	167300	168300		
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.76	22.81	22.85	24.0	0.0
Channel				165800	167300	168800		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.80	22.82	22.74	24.0	0.0
Channel				165300	167300	169300		
Frequency (MHz)				828.5	836.5	846.5		
5	QPSK	1	1	22.72	22.83	22.85	24.0	0.0
Channel				164800	167300	169800		
Frequency (MHz)				827	836.5	846.5		

n7 Ant0 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000	24.0	0.0
Frequency (MHz)				2525	2535	2545		
50	PI2 BPSK	1	1	22.91	22.98	22.92		
50	PI2 BPSK	1	135	22.98	23.12	23.05	23.5	0.5
50	PI2 BPSK	1	268	22.80	22.89	22.83		
50	PI2 BPSK	135	0	22.89	22.75	22.62		
50	PI2 BPSK	135	68	23.07	23.15	23.04	23.5	0.5
50	PI2 BPSK	135	135	22.92	22.67	22.54		
50	PI2 BPSK	270	0	22.88	22.71	22.66		
50	QPSK	1	1	23.07	23.17	23.12	24.0	0.0
50	QPSK	1	135	23.06	23.08	22.95		
50	QPSK	1	268	22.77	22.87	22.80		
50	QPSK	135	0	22.21	22.33	22.20	23.0	1.0
50	QPSK	135	68	23.02	23.12	22.99		
50	QPSK	135	135	22.17	22.30	22.20		
50	QPSK	270	0	22.24	22.34	22.25	23.0	1.0
50	16QAM	1	1	21.67	21.79	21.76		
50	64QAM	1	1	20.29	20.33	20.30		
50	256QAM	1	1	18.80	18.84	18.77	19.5	4.5
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.01	23.06	22.95	24.0	0.0
Channel				503000	507000	511000		
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.95	23.04	22.82	24.0	0.0
Channel				502500	507000	511500		
Frequency (MHz)				2510	2535	2557.5		
25	QPSK	1	1	22.99	23.02	22.76	24.0	0.0
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	22.97	23.06	22.78	24.0	0.0
Channel				501500	507000	512500		
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.92	23.14	22.85	24.0	0.0
Channel				501000	507000	513000		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.93	23.14	22.83	24.0	0.0
Channel				500500	507000	513500		
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.97	23.07	22.81	24.0	0.0
Channel				500000	507000	514000		
Frequency (MHz)				2500	2535	2570		

n66 Ant0 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	352000	24.0	0.0
Frequency (MHz)				1725	1745	1760		
40	16Q BPSK	1	1	22.27	22.41	22.29	24.0	0.0
40	16Q BPSK	1	108	22.30	22.37	22.26		
40	16Q BPSK	1	214	22.25	22.29	22.15		
40	16Q BPSK	108	0	21.65	21.77	21.73		
40	16Q BPSK	108	54	22.37	22.45	22.29	24.0	0.0
40	16Q BPSK	108	108	21.81	21.83	21.76	23.5	0.5
40	16Q BPSK	216	0	21.70	21.74	21.57		
40	QPSK	1	1	22.43	22.50	22.41	24.0	0.0
40	QPSK	1	108	22.47	22.49	22.41		
40	QPSK	1	214	22.21	22.24	22.17		
40	QPSK	108	0	21.23	21.26	21.18		
40	QPSK	108	54	22.39	22.50	22.36	24.0	0.0
40	QPSK	108	108	21.30	21.33	21.19	23.0	1.0
40	QPSK	216	0	21.23	21.37	21.25	23.0	1.0
40	16QAM	1	1	21.24	21.39	21.29		
40	16QAM	1	1	19.77	19.88	19.79	21.5	2.5
40	256QAM	1	1	17.74	17.91	17.88	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1760		
30	QPSK	1	1	22.27	22.47	22.29	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.29	22.43	22.31	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.25	22.42	22.38	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.27	22.33	22.27	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.28	22.41	22.37	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.27	22.34	22.30	24.0	0.0

n38 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516004	519000	519996	24.0	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	22.39	22.52	22.47			
40	PI/2 BPSK	1	53	22.77	22.90	22.80	24.0	0.0	
40	PI/2 BPSK	1	104	22.35	22.45	22.36			
40	PI/2 BPSK	50	0	22.20	22.30	22.27		23.5	
40	PI/2 BPSK	50	28	22.77	22.91	22.80	24.0	0.0	
40	PI/2 BPSK	50	56	22.34	22.27	22.14	23.5	0.5	
40	PI/2 BPSK	100	0	22.27	22.31	22.21	24.0	0.0	
40	QPSK	1	1	22.57	22.43	22.54			
40	QPSK	1	53	22.86	22.94	22.87			
40	QPSK	1	104	22.40	22.47	22.39	23.0	1.0	
40	QPSK	50	0	21.62	21.76	21.66			
40	QPSK	50	28	22.79	22.67	22.78		24.0	
40	QPSK	80	56	21.70	21.72	21.61	23.0	1.0	
40	QPSK	100	0	21.71	21.77	21.74	23.0	1.0	
40	16QAM	1	1	21.23	21.27	21.16			
40	64QAM	1	1	19.62	19.77	19.70		21.5	
40	256QAM	1	1	18.32	18.43	18.30	19.5	4.5	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2595.01	2595	2604.99	24.0	0.0	
30	QPSK	1	39	22.86	22.90	22.79	24.0	0.0	
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2592.52	2595	2607.48	24.0	0.0	
25	QPSK	1	32	22.69	22.81	22.68	24.0	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610	24.0	0.0	
20	QPSK	1	26	22.71	22.84	22.67	24.0	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49	24.0	0.0	
15	QPSK	1	19	22.68	22.85	22.83	24.0	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98	24.0	0.0	
10	QPSK	1	12	22.63	22.86	22.83	24.0	0.0	

n41 PC3 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				502002	518998	520000	24.0	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.29	22.40	22.26			
100	PI/2 BPSK	1	137	22.83	22.97	22.91	24.0	0.0	
100	PI/2 BPSK	1	271	22.27	22.31	22.19			
100	PI/2 BPSK	135	0	22.28	22.42	22.30		23.5	
100	PI/2 BPSK	135	69	22.79	22.95	22.93	24.0	0.0	
100	PI/2 BPSK	135	138	22.16	22.32	22.21	23.5	0.5	
100	PI/2 BPSK	270	0	22.21	22.37	22.21	24.0	0.0	
100	QPSK	1	1	22.21	22.31	22.16			
100	QPSK	1	137	22.97	23.01	22.96			
100	QPSK	1	271	22.22	22.28	22.21	23.0	1.0	
100	QPSK	135	0	21.78	21.90	21.80			
100	QPSK	135	69	22.84	22.99	22.83		24.0	
100	QPSK	135	138	21.65	21.76	21.65	23.0	1.0	
100	QPSK	270	0	21.75	21.85	21.82	23.0	1.0	
100	16QAM	1	1	21.41	21.48	21.45			
100	64QAM	1	1	19.86	19.88	19.73		21.5	
100	256QAM	1	1	18.35	18.38	18.27	19.5	4.5	
Channel				502000	518998	520000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98	24.0	0.0	
90	QPSK	1	123	22.79	22.84	22.75	24.0	0.0	
Channel				507204	518998	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2538.02	2592.99	2649.99	24.0	0.0	
80	QPSK	1	109	22.81	22.98	22.90	24.0	0.0	
Channel				505000	518998	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2528	2592.99	2659.98	24.0	0.0	
60	QPSK	1	81	22.89	22.89	22.72	24.0	0.0	
Channel				504204	518998	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.69	2592.99	2664.99	24.0	0.0	
50	QPSK	1	67	22.94	22.87	22.85	24.0	0.0	
Channel				503202	518998	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670	24.0	0.0	
40	QPSK	1	53	22.80	22.84	22.76	24.0	0.0	
Channel				502200	518998	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98	24.0	0.0	
30	QPSK	1	39	22.84	22.92	22.86	24.0	0.0	
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.02	2592.99	2679.99	24.0	0.0	
20	QPSK	1	26	22.76	22.67	22.64	24.0	0.0	
Channel				500700	518998	536498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48	24.0	0.0	
15	QPSK	1	19	22.87	22.89	22.87	24.0	0.0	
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2491.61	2592.99	2685	24.0	0.0	
10	QPSK	1	12	22.74	22.97	22.77	24.0	0.0	



n2 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	22.18	22.20	22.06	23.0	0.0	
20	PI2 BPSK	1	53	22.10	22.23	22.07			
20	PI2 BPSK	1	104	22.12	22.26	22.15			
20	PI2 BPSK	50	0	21.60	21.69	21.57	22.5	0.5	
20	PI2 BPSK	50	28	22.11	22.25	22.20	23.0	0.0	
20	PI2 BPSK	50	56	21.78	21.84	21.77	22.5	0.5	
20	PI2 BPSK	100	0	21.74	21.78	21.63	23.0	0.0	
20	QPSK	1	1	22.23	22.30	22.20			
20	QPSK	1	53	22.15	22.25	22.19			
20	QPSK	1	104	22.08	22.11	22.03	22.0	1.0	
20	QPSK	50	0	21.11	21.21	21.13			
20	QPSK	50	28	22.14	22.26	22.15			
20	QPSK	50	56	21.30	21.34	21.27	22.0	1.0	
20	QPSK	100	0	21.20	21.27	21.13	22.0	1.0	
20	16QAM	1	1	21.13	21.19	21.09			
20	64QAM	1	1	19.76	19.82	19.72		20.5	
20	256QAM	1	1	17.84	17.91	17.75	18.5	4.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	22.21	22.24	22.15	23.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1905	1907	1905			
10	QPSK	1	1	22.13	22.14	22.06	23.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	22.15	22.25	22.04	23.0	0.0	

n5 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	23.30	23.37	23.24	24.0	0.0	
20	PI2 BPSK	1	53	23.30	23.42	23.40			
20	PI2 BPSK	1	104	23.24	23.39	23.27			
20	PI2 BPSK	50	0	22.68	22.84	22.80	23.5	0.5	
20	PI2 BPSK	50	28	23.30	23.40	23.34	24.0	0.0	
20	PI2 BPSK	50	56	22.77	22.90	22.78	23.5	0.5	
20	PI2 BPSK	100	0	22.77	22.88	22.73	24.0	0.0	
20	QPSK	1	1	23.33	23.45	23.37			
20	QPSK	1	53	23.32	23.39	23.27			
20	QPSK	1	104	23.14	23.30	23.26	23.0	1.0	
20	QPSK	50	0	22.32	22.34	22.31			
20	QPSK	50	28	23.36	23.41	23.33			
20	QPSK	50	56	22.26	22.39	22.33	23.0	1.0	
20	QPSK	100	0	22.17	22.31	22.23	23.0	1.0	
20	16QAM	1	1	22.14	22.16	22.02			
20	64QAM	1	1	20.55	20.64	20.51		21.5	
20	256QAM	1	1	18.12	18.15	18.10	19.5	4.5	
Channel				166300	167300	167800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	23.27	23.40	23.24	24.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	23.30	23.38	23.21	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	23.18	23.31	23.26	24.0	0.0	

n7 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	PI2 BPSK	1	1	23.40	23.45	23.34	24.0	0.0	
50	PI2 BPSK	1	135	23.35	23.39	23.35			
50	PI2 BPSK	1	268	23.15	23.31	23.28			
50	PI2 BPSK	135	0	22.83	23.00	22.93	23.5	0.5	
50	PI2 BPSK	135	68	23.29	23.43	23.31	24.0	0.0	
50	PI2 BPSK	135	135	22.84	22.94	22.79	23.5	0.5	
50	PI2 BPSK	270	0	22.80	22.96	22.90	24.0	0.0	
50	QPSK	1	1	23.44	23.47	23.42			
50	QPSK	1	135	23.40	23.43	23.34			
50	QPSK	1	268	23.21	23.34	23.29	23.0	1.0	
50	QPSK	135	0	22.58	22.68	22.65			
50	QPSK	135	68	23.32	23.43	23.35			
50	QPSK	135	135	22.36	22.54	22.46	23.0	1.0	
50	QPSK	270	0	22.57	22.62	22.51	23.0	1.0	
50	16QAM	1	1	22.23	22.34	22.29			
50	64QAM	1	1	20.75	20.91	20.79		21.5	
50	256QAM	1	1	18.99	19.16	19.08	19.5	4.5	
Channel				504500	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	22.98	23.23	23.17	24.0	0.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2315	2335	2355			
30	QPSK	1	1	23.11	23.14	23.10	24.0	0.0	
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	23.07	23.14	23.17	24.0	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	PI2 BPSK	1	1	22.99	23.23	23.06	24.0	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	23.06	23.24	23.11	24.0	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	23.08	23.13	23.16	24.0	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	23.10	23.10	23.20	24.0	0.0	

n66 Ant1 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq 346000	Power Middle Ch / Freq 349000	Power High Ch / Freq 352000	Tune-up limit (dBm)	MPR (dB)
Channel				1730	1745	1760	24.0	0.0
Frequency (MHz)								
40	Pl2 BPSK	1	1	22.73	22.78	22.86		
40	Pl2 BPSK	1	108	22.70	22.86	22.74		
40	Pl2 BPSK	1	214	22.47	22.82	22.55	23.5	0.5
40	Pl2 BPSK	108	0	22.26	22.34	22.26		
40	Pl2 BPSK	108	54	22.68	22.83	22.71		
40	Pl2 BPSK	108	108	22.15	22.21	22.11		
40	Pl2 BPSK	216	0	22.26	22.28	22.17	24.0	0.0
40	QPSK	1	1	22.72	22.80	22.81		
40	QPSK	1	108	22.75	22.81	22.70		
40	QPSK	1	214	22.60	22.69	22.55		
40	QPSK	108	0	21.68	21.84	21.71	23.0	1.0
40	QPSK	108	54	22.76	22.81	22.70	24.0	0.0
40	QPSK	108	108	21.67	21.89	21.85	23.0	1.0
40	QPSK	216	0	21.75	21.77	21.72		
40	16QAM	1	1	21.48	21.56	21.45	23.0	1.0
40	64QAM	1	1	20.04	20.11	20.01	21.5	2.5
40	256QAM	1	1	18.28	18.38	18.32	19.5	4.5
Channel				343000	345000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.58	22.76	22.69		
Channel				344500	349000	353500		
Frequency (MHz)				1722.5	1745	1767.5	24.0	0.0
25	QPSK	1	1	22.62	22.75	22.75		
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.57	22.86	22.65	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1721.5	1745	1772.5		
15	QPSK	1	1	22.61	22.80	22.78		
Channel				343000	349000	355000		
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	22.63	22.78	22.70		
Channel				342500	349000	355500		
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.67	22.76	22.71	24.0	0.0

n38 Ant1 Default											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				516004	519000	519996					
Frequency (MHz)				2590.02	2595	2599.98					
40	PV2 BPSK	1	1	22.03	22.08	22.05	23.0	0.0			
40	PV2 BPSK	1	53	22.37	22.36	22.34					
40	PV2 BPSK	1	104	21.84	21.98	21.90					
40	PV2 BPSK	50	0	21.86	21.80	21.76					
40	PV2 BPSK	50	28	22.26	22.36	22.20	23.0	0.5			
40	PV2 BPSK	50	56	21.76	21.84	21.74	22.5	0.5			
40	PV2 BPSK	100	0	21.73	21.82	21.73	23.0	0.0			
40	QPSK	1	1	21.98	22.02	21.91					
40	QPSK	1	53	22.36	22.39	22.36					
40	QPSK	1	104	21.91	21.95	21.89					
40	QPSK	50	0	21.25	21.31	21.16	22.0	1.0			
40	QPSK	50	28	22.33	22.37	22.21	23.0	0.0			
40	QPSK	50	56	21.25	21.36	21.32	22.0	1.0			
40	QPSK	100	0	21.16	21.31	21.27	22.0	1.0			
40	16QAM	1	1	20.75	20.86	20.70					
40	64QAM	1	1	19.28	19.31	19.23					
40	256QAM	1	1	17.81	17.92	17.82					
Channel				517002	519000	520998	Tune-up limit (dBm) MPR				
Frequency (MHz)				2595.01	2595	2604.99					
30	QPSK	1	39	22.25	22.40	22.32	23.0	0.0			
Channel				516504	519000	521496	Tune-up limit (dBm) MPR				
Frequency (MHz)				2592.52	2595	2607.48					
25	QPSK	1	32	22.30	22.35	22.29	23.0	0.0			
Channel				516000	519000	520000	Tune-up limit (dBm) MPR				
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	26	22.30	22.39	22.34	23.0	0.0			
Channel				515502	519000	522498	Tune-up limit (dBm) MPR				
Frequency (MHz)				2577.51	2595	2612.49					
15	QPSK	1	19	22.33	22.32	22.29	23.0	0.0			
Channel				515004	519000	522998	Tune-up limit (dBm) MPR				
Frequency (MHz)				2575.02	2595	2614.98					
10	QPSK	1	12	22.28	22.36	22.30	23.0	0.0			

n41 PC3 Ant1 Default											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				506002	518998	528000					
Frequency (MHz)				2546.01	2592.99	2640					
100	Pl/2 BPSK	1	1	21.50	21.59	21.49	23.0	0.0			
100	Pl/2 BPSK	1	137	22.24	22.36	22.31					
100	Pl/2 BPSK	1	271	21.15	21.29	21.20					
100	Pl/2 BPSK	135	0	21.76	21.82	21.65					
100	Pl/2 BPSK	135	69	22.31	22.39	22.27	23.0	0.0			
100	Pl/2 BPSK	135	138	21.63	21.67	21.60	22.5	0.5			
100	Pl/2 BPSK	270	0	21.63	21.70	21.60	23.0	0.0			
100	QPSK	1	1	21.36	21.49	21.33					
100	QPSK	1	137	22.32	22.41	22.23					
100	QPSK	1	271	21.20	21.31	21.21					
100	QPSK	135	0	21.21	21.27	21.11	22.0	1.0			
100	QPSK	135	69	22.24	22.40	22.23	23.0	0.0			
100	QPSK	135	138	21.14	21.17	21.09	22.0	1.0			
100	QPSK	270	0	21.18	21.24	21.19	22.0	1.0			
100	16QAM	1	1	20.64	20.68	20.65					
100	64QAM	1	1	19.26	19.29	19.27					
100	256QAM	1	1	17.69	17.81	17.69					
Channel				508200	518998	528998	Tune-up limit (dBm) MPR				
Frequency (MHz)				2541	2592.99	2644.98					
90	QPSK	1	123	22.15	22.24	22.04	23.0	0.0			
Channel				507204	518998	529998	Tune-up limit (dBm) MPR				
Frequency (MHz)				2536.02	2592.99	2649.99					
80	QPSK	1	109	22.10	22.23	22.09	23.0	0.0			
Channel				505200	518998	531998	Tune-up limit (dBm) MPR				
Frequency (MHz)				2526	2592.99	2659.98					
60	QPSK	1	81	22.23	22.27	22.13	23.0	0.0			
Channel				504204	518998	532998	Tune-up limit (dBm) MPR				
Frequency (MHz)				2531.01	2592.99	2664.99					
50	QPSK	1	67	22.14	22.20	22.10	23.0	0.0			
Channel				503202	518998	534000	Tune-up limit (dBm) MPR				
Frequency (MHz)				2516.01	2592.99	2670					
40	QPSK	1	53	22.17	22.27	22.11	23.0	0.0			
Channel				502200	518998	534998	Tune-up limit (dBm) MPR				
Frequency (MHz)				2511	2592.99	2674.98					
30	QPSK	1	39	22.15	22.19	22.05	23.0	0.0			
Channel				501204	518998	535998	Tune-up limit (dBm) MPR				
Frequency (MHz)				2503.02	2592.99	2679.99					
20	QPSK	1	26	22.24	22.28	22.13	23.0	0.0			
Channel				500700	518998	536498	Tune-up limit (dBm) MPR				
Frequency (MHz)				2503.5	2592.99	2682.48					
15	QPSK	1	19	22.14	22.22	22.06	23.0	0.0			
Channel				500202	518998	537000	Tune-up limit (dBm) MPR				
Frequency (MHz)				2491.01	2592.99	2685					
10	QPSK	1	12	22.11	22.32	22.08	23.0	0.0			

Part270 n78 PC2 Ant2 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq 650000	Power Middle Ch / Freq 650000	Power High Ch / Freq 650000	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3750	3750	27.0	0.0	
Frequency (MHz)									
100	PI/2 BPSK	1	1		25.21				
100	PI/2 BPSK	1	137		25.82				
100	PI/2 BPSK	1	271		25.43		28.5	0.5	
100	PI/2 BPSK	135	0		25.21				
100	PI/2 BPSK	135	69		25.79				
100	PI/2 BPSK	135	138		25.47				
100	PI/2 BPSK	270	0		25.30		27.0	0.0	
100	QPSK	1	1		25.25				
100	QPSK	1	137		25.88				
100	QPSK	1	271		25.83				
100	QPSK	135	0		24.67		28.0	1.0	
100	QPSK	135	69		25.83				
100	QPSK	135	138		24.92				
100	QPSK	270	0		24.82				
100	16QAM	1	1		24.19		26.0	1.0	
100	64QAM	1	1		22.83				
100	256QAM	1	1		21.18				
100	256QAM	1	1				22.5	4.5	
Channel				649668	650000	650334	27.0	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123	25.77	25.85	25.73			
Channel				649334	650000	650668	27.0	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	109	25.72	25.75	25.83		27.0	
Channel				648668	650000	651334	27.0	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	81	25.76	25.78	25.74		27.0	
Channel				648334	650000	651668	27.0	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	67	25.71	25.73	25.81		27.0	
Channel				648000	650000	652000	27.0	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	53	25.78	25.89	25.78		27.0	
Channel				647668	650000	652334	27.0	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	39	25.75	25.80	25.79		27.0	
Channel				647334	650000	652668	27.0	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	28	25.89	25.77	25.72		27.0	
Channel				647168	650000	652834	27.0	MPR (dB)	
Frequency (MHz)				3707.82	3750	3792.51			
15	QPSK	1	19	25.73	25.86	25.83		27.0	
Channel				647000	650000	653000	27.0	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	12	25.77	25.84	25.73		27.0	

Part270 n78 PC2 Ant4 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq 650000	Power Middle Ch / Freq 650000	Power High Ch / Freq 650000	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3750	3750			
Frequency (MHz)									
100	PI2 BPSK	1	1		24.23				
100	PI2 BPSK	1	137		24.99		26.0	0.0	
100	PI2 BPSK	1	271		24.37				
100	PI2 BPSK	135	0		24.26		25.5	0.5	
100	PI2 BPSK	135	69		25.04		26.0	0.0	
100	PI2 BPSK	135	138		24.44		25.5	0.5	
100	PI2 BPSK	270	0		24.37				
100	QPSK	1	1		24.35				
100	QPSK	1	137		25.20		26.0	0.0	
100	QPSK	1	271		24.54				
100	QPSK	135	0		23.66		25.0	1.0	
100	QPSK	135	69		25.15		26.0	0.0	
100	QPSK	135	138		23.83				
100	QPSK	270	0		23.99		25.0	1.0	
100	16QAM	1	1		23.24		25.0	1.0	
100	64QAM	1	1		21.83		23.5	2.5	
100	256QAM	1	1		20.20		21.5	4.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123	25.09	25.14	25.04	26.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	109	25.04	25.14	25.04	26.0	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	81	25.07	25.08	25.05	26.0	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	67	25.15	25.18	25.18	26.0	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3760			
40	QPSK	1	53	25.09	25.16	25.07	26.0	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	39	25.13	25.11	25.09	26.0	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	26	25.16	25.10	25.17	26.0	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	19	25.14	25.18	25.17	26.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	12	25.13	25.08	25.12	26.0	0.0	

Part270 n78 PC2 Ant7 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq 650000	Power Middle Ch / Freq 650000	Power High Ch / Freq 650000	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3750	3750	26.5	0.0	
Frequency (MHz)									
100	PI2 BPSK	1	1		24.94				
100	PI2 BPSK	1	137		25.34				
100	PI2 BPSK	1	271		24.87		26.5	0.0	
100	PI2 BPSK	135	0		24.58		26.0	0.5	
100	PI2 BPSK	135	69		25.32		26.5	0.0	
100	PI2 BPSK	135	138		24.74		26.0	0.5	
100	PI2 BPSK	270	0		24.71				
100	QPSK	1	1		24.81		26.5	0.0	
100	QPSK	1	137		25.54				
100	QPSK	1	271		24.96				
100	QPSK	135	0		24.15		25.5	1.0	
100	QPSK	135	69		25.47		26.5	0.0	
100	QPSK	135	138		24.31		25.5	1.0	
100	QPSK	270	0		24.33				
100	16QAM	1	1		23.85		25.5	1.0	
100	64QAM	1	1		22.28		24.0	2.5	
100	256QAM	1	1		20.67		22.0	4.5	
Channel				649668	650000	650334	26.5	0.0	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123	25.48	25.42	25.44			
Channel				649334	650000	650668	26.5	0.0	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	109	25.39	25.45	25.51		0.0	
Channel				648668	650000	651334	26.5	0.0	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	81	25.44	25.48	25.37		0.0	
Channel				648334	650000	651668	26.5	0.0	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	67	25.40	25.50	25.39		0.0	
Channel				648000	650000	652000	26.5	0.0	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	53	25.43	25.48	25.44		0.0	
Channel				647668	650000	652334	26.5	0.0	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	39	25.40	25.39	25.39		0.0	
Channel				647334	650000	652668	26.5	0.0	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	26	25.39	25.41	25.50		0.0	
Channel				647168	650000	652834	26.5	0.0	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	19	25.45	25.48	25.41		0.0	
Channel				647000	650000	653000	26.5	0.0	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	12	25.48	25.48	25.46		0.0	



Reduced Power Mode for DSI2

n2 Ant0 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	24.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.55	22.71	22.63		
20	PI2 BPSK	1	53	22.65	22.74	22.59	24.0	0.0
20	PI2 BPSK	1	104	22.53	22.70	22.59		
20	PI2 BPSK	50	0	22.21	22.28	22.25		
20	PI2 BPSK	50	28	22.64	22.67	22.56	23.5	0.5
20	PI2 BPSK	50	56	22.19	22.25	22.14		
20	PI2 BPSK	100	0	22.08	22.23	22.19		
20	QPSK	1	1	22.75	22.77	22.68	24.0	0.0
20	QPSK	1	53	22.58	22.70	22.55		
20	QPSK	1	104	22.51	22.66	22.51		
20	QPSK	50	0	21.80	21.76	21.61	23.0	1.0
20	QPSK	50	28	22.63	22.73	22.58		
20	QPSK	50	56	21.97	21.71	21.61		
20	QPSK	100	0	21.60	21.69	21.57	23.0	1.0
20	16QAM	1	1	21.36	21.47	21.39		
20	16QAM	1	1	19.93	19.96	19.83		
20	256QAM	1	1	18.22	18.30	18.32	19.5	4.5
Channel				371500	376000	380500		
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.80	22.81	22.63	24.0	0.0
Channel				371000	376000	381000		
Frequency (MHz)				1865	1880	1905		
10	QPSK	1	1	22.66	22.64	22.60	24.0	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.64	22.65	22.63	24.0	0.0

n5 Ant0 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	22.72	22.87	22.80		
20	PI2 BPSK	1	53	22.79	22.91	22.79	23.5	0.5
20	PI2 BPSK	1	104	22.88	22.95	22.88		
20	PI2 BPSK	50	0	22.22	22.36	22.19		
20	PI2 BPSK	50	28	22.76	22.91	22.86	23.5	0.5
20	PI2 BPSK	50	56	22.36	22.42	22.29		
20	PI2 BPSK	100	0	22.26	22.38	22.24		
20	QPSK	1	1	22.86	22.95	22.90	24.0	0.0
20	QPSK	1	53	22.80	22.92	22.78		
20	QPSK	1	104	22.80	22.88	22.81		
20	QPSK	50	0	21.77	21.81	21.65	23.0	1.0
20	QPSK	50	28	22.82	22.92	22.84		
20	QPSK	50	56	21.84	21.88	21.72		
20	QPSK	100	0	21.69	21.83	21.78	23.0	1.0
20	16QAM	1	1	21.56	21.61	21.52		
20	16QAM	1	1	20.14	20.22	20.12		
20	256QAM	1	1	18.51	18.55	18.42	19.5	4.5
Channel				166300	167300	168300		
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.76	22.81	22.88	24.0	0.0
Channel				165800	167300	168800		
Frequency (MHz)				828	834.5	844		
10	QPSK	1	1	22.80	22.82	22.74	24.0	0.0
Channel				166300	167300	168300		
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.72	22.83	22.85	24.0	0.0

n7 Ant0 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000	24.0	0.0
Frequency (MHz)				2525	2535	2545		
50	PI2 BPSK	1	1	22.91	22.98	22.92		
50	PI2 BPSK	1	135	22.96	23.12	23.05	23.5	0.5
50	PI2 BPSK	1	268	22.80	22.89	22.83		
50	PI2 BPSK	135	0	22.59	22.75	22.62		
50	PI2 BPSK	135	68	23.07	23.15	23.04	23.5	0.5
50	PI2 BPSK	135	135	22.52	22.67	22.54		
50	PI2 BPSK	270	0	22.69	22.71	22.66		
50	QPSK	1	1	23.07	23.17	23.12	24.0	0.0
50	QPSK	1	135	23.00	23.08	22.95		
50	QPSK	1	268	22.77	22.87	22.80		
50	QPSK	135	0	22.21	22.33	22.20	23.0	1.0
50	QPSK	135	68	23.02	23.12	22.99		
50	QPSK	135	135	22.17	22.30	22.20		
50	QPSK	270	0	22.24	22.34	22.25	23.0	1.0
50	16QAM	1	1	21.67	21.79	21.76		
50	16QAM	1	1	20.29	20.33	20.30		
50	256QAM	1	1	18.80	18.84	18.77	19.5	4.5
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.01	23.06	22.85	24.0	0.0
Channel				503000	507000	511000		
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.95	23.04	22.82	24.0	0.0
Channel				502000	507000	511500		
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.99	23.02	22.76	24.0	0.0
Channel				501000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	22.97	23.06	22.78	24.0	0.0
Channel				501500	507000	512500		
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.92	23.14	22.85	24.0	0.0
Channel				501000	507000	513000		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.93	23.14	22.83	24.0	0.0
Channel				500500	507000	513500		
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.97	23.07	22.81	24.0	0.0

n66 Ant0 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. f Freq.	Power Mid Ch. f Freq.	Power High Ch. f Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	22.27	22.41	22.29		
40	PI2 BPSK	1	108	22.30	22.37	22.29	24.0	0.5
40	PI2 BPSK	1	214	22.25	22.29	22.15		
40	PI2 BPSK	108	0	21.85	21.77	21.73		
40	PI2 BPSK	108	54	22.37	22.45	22.29	24.0	0.0
40	PI2 BPSK	108	108	21.81	21.83	21.76	23.5	0.5
40	PI2 BPSK	216	0	21.70	21.74	21.57		
40	QPSK	1	1	22.43	22.50	22.41		
40	QPSK	1	108	22.47	22.49	22.41	24.0	0.0
40	QPSK	1	214	22.21	22.24	22.17	23.0	1.0
40	QPSK	108	0	21.23	21.26	21.18		
40	QPSK	108	54	22.35	22.35	22.36		
40	QPSK	108	108	21.30	21.33	21.19	23.0	1.0
40	QPSK	216	0	21.23	21.37	21.25		
40	16QAM	1	1	21.24	21.39	21.29	23.0	1.0
40	64QAM	1	1	19.77	19.88	19.79	21.5	2.5
40	256QAM	1	1	17.74	17.91	17.88	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765	24.0	0.0
30	QPSK	1	1	22.27	22.47	22.29		
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5	24.0	0.0
25	QPSK	1	1	22.29	22.43	22.31		
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	24.0	0.0
20	QPSK	1	1	22.25	22.42	22.38		
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	24.0	0.0
15	QPSK	1	1	22.27	22.33	22.27		
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	24.0	0.0
10	QPSK	1	1	22.28	22.41	22.37		
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	24.0	0.0
5	QPSK	1	1	22.27	22.34	22.30		

n38 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516004	519000	519996	24.0	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	22.39	22.52	22.47			
40	PI/2 BPSK	1	53	22.77	22.90	22.80	24.0	0.0	
40	PI/2 BPSK	1	104	22.35	22.45	22.36			
40	PI/2 BPSK	50	0	22.20	22.30	22.27		23.5	
40	PI/2 BPSK	50	28	22.77	22.91	22.80	24.0	0.0	
40	PI/2 BPSK	50	56	22.34	22.27	22.14	23.5	0.5	
40	PI/2 BPSK	100	0	22.27	22.31	22.21	24.0	0.0	
40	QPSK	1	1	22.57	22.43	22.54			
40	QPSK	1	53	22.86	22.94	22.87			
40	QPSK	1	104	22.40	22.47	22.39	23.0	1.0	
40	QPSK	50	0	21.62	21.76	21.66			
40	QPSK	50	28	22.79	22.67	22.78		24.0	
40	QPSK	80	56	21.70	21.72	21.61	23.0	1.0	
40	QPSK	100	0	21.71	21.77	21.74	23.0	1.0	
40	16QAM	1	1	21.23	21.27	21.16			
40	64QAM	1	1	19.62	19.77	19.70		21.5	
40	256QAM	1	1	18.32	18.43	18.30	19.5	4.5	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2595.01	2595	2604.99	24.0	0.0	
30	QPSK	1	39	22.86	22.90	22.79	24.0	0.0	
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2592.52	2595	2607.48	24.0	0.0	
25	QPSK	1	32	22.69	22.81	22.68	24.0	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610	24.0	0.0	
20	QPSK	1	26	22.71	22.84	22.67	24.0	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49	24.0	0.0	
15	QPSK	1	19	22.68	22.85	22.83	24.0	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98	24.0	0.0	
10	QPSK	1	12	22.63	22.86	22.83	24.0	0.0	

n41 PC3 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				502002	518998	520000	24.0	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.29	22.40	22.26			
100	PI/2 BPSK	1	137	22.83	22.97	22.91	24.0	0.0	
100	PI/2 BPSK	1	271	22.27	22.31	22.19			
100	PI/2 BPSK	135	0	22.28	22.42	22.30		23.5	
100	PI/2 BPSK	135	69	22.79	22.95	22.93	24.0	0.0	
100	PI/2 BPSK	135	138	22.16	22.32	22.21	23.5	0.5	
100	PI/2 BPSK	270	0	22.21	22.37	22.21	24.0	0.0	
100	QPSK	1	1	22.21	22.31	22.16			
100	QPSK	1	137	22.97	23.01	22.96			
100	QPSK	1	271	22.22	22.28	22.21	23.0	1.0	
100	QPSK	135	0	21.78	21.90	21.80			
100	QPSK	135	69	22.84	22.99	22.83		24.0	
100	QPSK	135	138	21.65	21.76	21.65	23.0	1.0	
100	QPSK	270	0	21.75	21.85	21.82	23.0	1.0	
100	16QAM	1	1	21.41	21.48	21.45			
100	64QAM	1	1	19.86	19.88	19.73		21.5	
100	256QAM	1	1	18.35	18.38	18.27	19.5	4.5	
Channel				502000	518998	520000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98	24.0	0.0	
90	QPSK	1	123	22.79	22.84	22.75	24.0	0.0	
Channel				507204	518998	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2538.02	2592.99	2649.99	24.0	0.0	
80	QPSK	1	109	22.81	22.98	22.90	24.0	0.0	
Channel				505000	518998	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2528	2592.99	2659.98	24.0	0.0	
60	QPSK	1	81	22.89	22.89	22.72	24.0	0.0	
Channel				504204	518998	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.69	2592.99	2664.99	24.0	0.0	
50	QPSK	1	67	22.94	22.87	22.85	24.0	0.0	
Channel				503202	518998	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670	24.0	0.0	
40	QPSK	1	53	22.80	22.94	22.76	24.0	0.0	
Channel				502200	518998	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98	24.0	0.0	
30	QPSK	1	39	22.84	22.92	22.86	24.0	0.0	
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.02	2592.99	2679.99	24.0	0.0	
20	QPSK	1	26	22.76	22.67	22.64	24.0	0.0	
Channel				500700	518998	536498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48	24.0	0.0	
15	QPSK	1	19	22.87	22.89	22.87	24.0	0.0	
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2491.61	2592.99	2685	24.0	0.0	
10	QPSK	1	12	22.74	22.97	22.77	24.0	0.0	



n2 Ant1 DSI2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	20.0	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	19.18	19.28	19.20			
20	PI2 BPSK	1	53	19.11	19.16	19.07	20.0	0.0	
20	PI2 BPSK	1	104	19.05	19.12	19.00			
20	PI2 BPSK	50	0	19.95	19.07	19.02			
20	PI2 BPSK	50	28	19.11	19.23	19.08	20.0	0.0	
20	PI2 BPSK	50	58	19.15	19.18	19.12			
20	PI2 BPSK	100	0	19.13	19.21	19.19			
20	QPSK	1	1	19.27	19.36	19.23	20.0	0.0	
20	QPSK	1	53	19.17	19.24	19.15			
20	QPSK	1	104	19.03	19.14	19.02			
20	QPSK	50	0	19.97	19.11	18.98	20.0	0.0	
20	QPSK	50	28	19.20	19.31	19.26			
20	QPSK	50	58	19.09	19.22	19.10			
20	QPSK	100	0	19.13	19.25	19.22	20.0	0.0	
20	16QAM	1	1	18.81	18.92	18.85			
20	64QAM	1	1	18.72	18.86	18.80		20.0	
20	256QAM	1	1	17.84	17.91	17.75	18.5		
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1880	1902.5			
15	QPSK	1	1	19.19	19.29	19.12	20.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1905	1900	1905			
10	QPSK	1	1	19.14	19.23	19.11	20.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1907.5			
5	QPSK	1	1	19.16	19.30	19.17	20.0	0.0	

n5 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800	24.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	23.30	23.37	23.24			
20	PI2 BPSK	1	53	23.30	23.42	23.40	23.5	0.5	
20	PI2 BPSK	1	104	23.24	23.39	23.27			
20	PI2 BPSK	50	0	22.88	22.84	22.80			
20	PI2 BPSK	50	28	23.30	23.40	23.34	23.5	0.5	
20	PI2 BPSK	50	58	22.77	22.90	22.78			
20	PI2 BPSK	100	0	22.77	22.88	22.73			
20	QPSK	1	1	23.33	23.45	23.37	24.0	0.0	
20	QPSK	1	53	23.32	23.39	23.27			
20	QPSK	1	104	23.14	23.30	23.28			
20	QPSK	50	0	22.32	22.34	22.31	23.0	1.0	
20	QPSK	50	28	23.36	23.41	23.33			
20	QPSK	50	58	22.28	22.39	22.33			
20	QPSK	100	0	22.17	22.31	22.23	23.0	1.0	
20	16QAM	1	1	22.14	22.18	22.02			
20	64QAM	1	1	20.55	20.64	20.51	21.5	2.5	
20	256QAM	1	1	19.12	19.15	19.10	19.5	4.5	
Channel				166300	167300	167800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	23.27	23.40	23.24	24.0	0.0	
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				820	836.5	844			
10	QPSK	1	1	23.30	23.39	23.21	24.0	0.0	
Channel				166300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	23.18	23.31	23.26	24.0	0.0	

n7 Ant1 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				509200	507000	509800	18.0	0.0	
Frequency (MHz)				2525	2535	2545			
50	PI2 BPSK	1	1	17.21	17.26	17.26			
50	PI2 BPSK	1	135	17.13	17.17	17.05	18.0	0.0	
50	PI2 BPSK	1	268	17.10	17.17	17.04			
50	PI2 BPSK	135	0	16.93	17.11	17.09			
50	PI2 BPSK	135	68	17.16	17.20	17.09	18.0	0.0	
50	PI2 BPSK	135	135	17.19	17.20	17.18			
50	PI2 BPSK	270	0	17.17	17.25	17.16			
50	QPSK	1	1	17.31	17.33	17.28	18.0	0.0	
50	QPSK	1	135	17.15	17.22	17.17			
50	QPSK	1	268	17.02	17.13	16.98			
50	QPSK	135	0	17.03	17.16	16.96	18.0	0.0	
50	QPSK	135	68	17.23	17.30	17.28			
50	QPSK	135	135	17.07	17.17	17.11			
50	QPSK	270	0	17.19	17.21	17.14	18.0	0.0	
50	16QAM	1	1	16.85	16.87	16.90			
50	64QAM	1	1	16.73	16.91	16.77		18.0	
50	256QAM	1	1	16.81	16.88	16.82	18.0		
Channel				509000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	17.24	17.27	17.20	18.0	0.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	17.24	17.30	17.17	18.0	0.0	
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	17.17	17.22	17.25	18.0	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	PI2 BPSK	1	1	17.24	17.25	17.20	18.0	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	17.17	17.28	17.16	18.0	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	17.19	17.18	17.15	18.0	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	17.25	17.21	17.17	18.0	0.0	

n66 Ant1 DSI2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq 344000	Power Middle Ch / Freq 349000	Power High Ch / Freq 353000	Tune-up limit (dBm)	MPR (dB)
Channel				1730	1745	1760	20.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PL2 BPSK	1	1	18.80	18.92	18.86		
40	PL2 BPSK	1	108	18.77	18.78	18.65	20.0	0.0
40	PL2 BPSK	1	214	18.65	18.71	18.63		
40	PL2 BPSK	108	0	18.53	18.70	18.67		
40	PL2 BPSK	108	54	18.68	18.78	18.69	20.0	0.0
40	PL2 BPSK	108	108	18.77	18.75	18.78		
40	PL2 BPSK	216	0	18.78	18.67	18.76		
40	QPSK	1	1	18.88	18.96	18.93	20.0	0.0
40	QPSK	1	108	18.78	18.81	18.73		
40	QPSK	1	214	18.68	18.69	18.60		
40	QPSK	108	0	18.58	18.74	18.82	20.0	0.0
40	QPSK	108	54	18.79	18.92	18.82		
40	QPSK	108	108	18.74	18.83	18.75		
40	QPSK	216	0	18.68	18.90	18.78	20.0	0.0
40	16QAM	1	1	18.36	18.49	18.41		
40	16QAM	1	1	18.32	18.46	18.44		
40	256QAM	1	1	18.28	18.38	18.32	19.5	0.5
Channel				343000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.85	18.95	18.89		
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1767.5		
25	QPSK	1	1	18.75	18.94	18.82		
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.74	18.92	18.88		
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.79	18.89	18.89		
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.84	18.90	18.84		
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.81	18.88	18.90		

n38 Ant1 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				518004	519000	519996	17.5	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	PV2 BPSK	1	1	16.13	16.24	16.14	17.5	0.0	
40	PV2 BPSK	1	53	16.48	16.62	16.48			
40	PV2 BPSK	1	104	16.00	16.11	16.06			
40	PV2 BPSK	50	0	16.42	16.54	16.45			
40	PV2 BPSK	50	28	16.50	16.57	16.46	17.5	0.0	
40	PV2 BPSK	50	56	16.26	16.33	16.26			
40	PV2 BPSK	100	0	16.36	16.41	16.26			
40	QPSK	1	1	15.17	15.30	15.21			
40	QPSK	1	53	15.59	15.64	15.58	17.5	0.0	
40	QPSK	1	104	15.95	16.02	15.98			
40	QPSK	50	0	16.42	16.49	16.41			
40	QPSK	50	28	16.48	16.60	16.53			
40	QPSK	50	56	16.21	16.28	16.11	17.5	0.0	
40	QPSK	100	0	16.42	16.47	16.33			
40	16QAM	1	1	16.09	16.14	16.02			
40	64QAM	1	1	16.02	16.07	16.04			
40	256QAM	1	1	15.89	16.02	15.91			
Channel				517002	519000	520998	Tune-up limit (dBm)		
Frequency (MHz)				2585.01	2595	2604.99	MPR (dB)		
30	QPSK	1	39	16.47	16.55	16.50	17.5	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2552.52	2595	2607.48	Tune-up limit (dBm)		
25	QPSK	1	32	18.53	18.58	18.52	17.5	0.0	
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610	Tune-up limit (dBm)		
20	QPSK	1	26	18.44	18.60	18.47	17.5	0.0	
Channel				515502	519000	524998			
Frequency (MHz)				2577.51	2595	2612.49	Tune-up limit (dBm)		
15	QPSK	1	19	18.52	18.58	18.44	17.5	0.0	
Channel				515004	519000	525998			
Frequency (MHz)				2575.02	2595	2614.98	Tune-up limit (dBm)		
10	QPSK	1	12	18.44	18.51	18.42	17.5	0.0	

n41 PC3 Ant1 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	518998	528000	17.5	0.0			
Frequency (MHz)				2546.01	2592.99	2640					
100	PI2 BPSK	1	1	18.01	18.13	15.99	17.5	0.0			
100	PI2 BPSK	1	137	18.63	18.68	16.55					
100	PI2 BPSK	1	271	15.98	15.92	15.80					
100	PI2 BPSK	135	0	18.48	18.61	18.51					
100	PI2 BPSK	135	69	18.58	18.86	18.55	17.5	0.0			
100	PI2 BPSK	135	138	18.30	18.34	18.24					
100	PI2 BPSK	270	0	18.45	18.49	18.44					
100	QPSK	1	1	18.08	18.18	18.08					
100	QPSK	1	137	18.78	18.79	18.72	17.5	0.0			
100	QPSK	1	271	15.83	15.86	15.75					
100	QPSK	135	0	18.50	18.58	18.44					
100	QPSK	135	69	18.56	18.68	18.60					
100	QPSK	135	138	18.25	18.39	18.27	17.5	0.0			
100	QPSK	270	0	18.44	18.48	18.38					
100	16QAM	1	1	15.92	16.06	16.02		17.5			
100	64QAM	1	1	15.84	15.99	15.87					
100	256QAM	1	1	15.80	15.92	15.80					
Channel				506200	518998	528998	Tune-up limit (dBm)				
Frequency (MHz)				2541	2592.99	2644.98	MPR (dB)				
90	QPSK	1	123	16.71	16.75	16.64	17.5				
Channel				507204	518998	529998	Tune-up limit (dBm)				
Frequency (MHz)				2538.02	2592.99	2649.99	MPR (dB)				
80	QPSK	1	109	18.67	18.68	18.61	17.5				
Channel				505200	518998	531998	Tune-up limit (dBm)				
Frequency (MHz)				2528	2592.99	2659.98	MPR (dB)				
60	QPSK	1	81	18.66	18.70	18.68	17.5				
Channel				504204	518998	532998	Tune-up limit (dBm)				
Frequency (MHz)				2531.69	2592.99	2664.99	MPR (dB)				
50	QPSK	1	67	18.64	18.78	18.63	17.5				
Channel				503202	518998	534000	Tune-up limit (dBm)				
Frequency (MHz)				2516.01	2592.99	2670	MPR (dB)				
40	QPSK	1	53	18.67	18.72	18.68	17.5				
Channel				502200	518998	535000	Tune-up limit (dBm)				
Frequency (MHz)				2511	2592.99	2674.98	MPR (dB)				
30	QPSK	1	39	18.68	18.64	18.65	17.5				
Channel				501204	518998	535998	Tune-up limit (dBm)				
Frequency (MHz)				2503.02	2592.99	2679.99	MPR (dB)				
20	QPSK	1	26	18.72	18.72	18.68	17.5				
Channel				500700	518998	536498	Tune-up limit (dBm)				
Frequency (MHz)				2503.5	2592.99	2682.48	MPR (dB)				
15	QPSK	1	19	18.70	18.67	18.64	17.5				
Channel				500202	518998	537000	Tune-up limit (dBm)				
Frequency (MHz)				2491.61	2592.99	2685	MPR (dB)				
10	QPSK	1	12	18.63	18.71	18.67	17.5				

PC2&3 Part270 n77 Ant2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.96	16.87	16.88	18.5	0.0
100	PI/2 BPSK	1	137	17.23	17.42	17.17		
100	PI/2 BPSK	1	271	16.78	17.12	16.97		
100	PI/2 BPSK	135	0	16.82	16.89	16.93		
100	PI/2 BPSK	135	69	17.44	17.57	17.35	18.5	0.0
100	PI/2 BPSK	135	138	17.18	17.46	17.32	18.5	0.0
100	PI/2 BPSK	270	0	16.85	16.84	16.89	18.5	0.0
100	QPSK	1	1	16.85	16.77	16.61		
100	QPSK	1	137	17.41	17.58	17.48		
100	QPSK	1	271	16.94	16.86	16.72		
100	QPSK	135	0	17.22	17.40	17.26	18.5	0.0
100	QPSK	135	69	17.37	17.54	17.50	18.5	0.0
100	QPSK	135	138	17.33	17.43	17.33	18.5	0.0
100	QPSK	270	0	17.31	17.38	17.32	18.5	0.0
100	16QAM	1	1	17.42	17.47	17.40		
100	64QAM	1	1	17.40	17.36	17.35		
100	256QAM	1	1	17.23	17.24	17.23		
Channel				649968	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01	18.5	0.0
90	QPSK	1	123	17.11	17.35	17.21	18.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02	18.5	0.0
80	QPSK	1	109	16.97	17.22	17.23	18.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3960.01	18.5	0.0
60	QPSK	1	81	17.16	17.22	17.30	18.5	0.0
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3995.02	18.5	0.0
50	QPSK	1	67	17.19	17.36	17.27	18.5	0.0
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	18.5	0.0
40	QPSK	1	53	17.15	17.25	17.18	18.5	0.0
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3985.01	18.5	0.0
30	QPSK	1	39	17.13	17.15	17.09	18.5	0.0
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3990.02	18.5	0.0
20	QPSK	1	26	17.10	17.21	17.12	18.5	0.0
Channel				647168	650000	654834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3992.51	18.5	0.0
15	QPSK	1	19	17.14	17.14	17.28	18.5	0.0
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3995	18.5	0.0
10	QPSK	1	12	17.04	17.20	17.21	18.5	0.0

PC2&3 Part270 n78 Ant2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		16.77		18.5	0.0	
100	PI/2 BPSK	1	137		17.31				
100	PI/2 BPSK	1	271		17.00				
100	PI/2 BPSK	135	0		16.68				
100	PI/2 BPSK	135	69		17.40		18.5	0.0	
100	PI/2 BPSK	135	138		17.29		18.5	0.0	
100	PI/2 BPSK	270	0		16.71		18.5	0.0	
100	QPSK	1	1		16.58				
100	QPSK	1	137		17.42				
100	QPSK	1	271		16.78				
100	QPSK	135	0		17.52		18.5	0.0	
100	QPSK	135	69		17.41		18.5	0.0	
100	QPSK	135	138		17.29		18.5	0.0	
100	QPSK	270	0		17.24		18.5	0.0	
100	16QAM	1	1		17.35				
100	64QAM	1	1		17.27				
100	256QAM	1	1		17.06				
Channel				649968	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01	18.5	0.0	
90	QPSK	1	123		17.03	17.27	17.05	18.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02	18.5	0.0	
80	QPSK	1	109		16.94	17.21	17.14	18.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01	18.5	0.0	
60	QPSK	1	81		16.83	17.29	17.06	18.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02	18.5	0.0	
50	QPSK	1	67		16.86	17.19	17.11	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780	18.5	0.0	
40	QPSK	1	53		16.81	17.50	17.16	18.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01	18.5	0.0	
30	QPSK	1	39		17.04	17.11	17.09	18.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02	18.5	0.0	
20	QPSK	1	26		16.93	17.32	17.19	18.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51	18.5	0.0	
15	QPSK	1	19		16.93	17.11	17.15	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795	18.5	0.0	
10	QPSK	1	12		16.93	17.25	17.25	18.5	0.0

PC2&3 Part270 n77 Ant4 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	17.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.12	15.42	15.33		
100	PI/2 BPSK	1	137	15.90	16.06	16.04	17.0	0.0
100	PI/2 BPSK	1	271	15.56	15.60	15.51		
100	PI/2 BPSK	135	0	15.91	15.86	15.83		
100	PI/2 BPSK	135	69	16.07	16.20	15.98	17.0	0.0
100	PI/2 BPSK	135	138	16.10	15.98	15.88		
100	PI/2 BPSK	270	0	15.43	15.50	15.39		
100	QPSK	1	1	15.48	15.60	15.36	17.0	0.0
100	QPSK	1	137	16.21	16.44	16.16		
100	QPSK	1	271	15.57	15.64	15.47		
100	QPSK	135	0	15.59	15.69	15.46	17.0	0.0
100	QPSK	135	69	16.24	16.29	15.97		
100	QPSK	135	138	15.70	15.79	15.62		
100	QPSK	270	0	15.68	15.98	15.60	17.0	0.0
100	16QAM	1	1	15.26	15.32	15.36		
100	64QAM	1	1	15.41	15.44	15.46		
100	256QAM	1	1	15.89	15.96	15.92	17.0	0.0
Channel				649668	650000	650334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	16.06	16.26	15.98	17.0	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	15.49	16.27	15.91	17.0	0.0
Channel				648668	650000	650334		
Frequency (MHz)				3730.02	3840	3960.01		
60	QPSK	1	81	16.03	16.32	16.04	17.0	0.0
Channel				648334	650000	650668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	16.09	16.23	15.91	17.0	0.0
Channel				648000	650000	650000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	16.02	16.23	15.91	17.0	0.0
Channel				647668	650000	650334		
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	16.08	16.13	15.86	17.0	0.0
Channel				647334	650000	650668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	15.95	16.27	15.95	17.0	0.0
Channel				647168	650000	650668		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	16.04	16.16	15.95	17.0	0.0
Channel				647000	650000	650000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	15.94	16.32	15.88	17.0	0.0
Channel								
Frequency (MHz)								

PC2&3 Part270 n78 Ant4 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	17.0	0.0
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.23			
100	PI/2 BPSK	1	137		16.06		17.0	0.0
100	PI/2 BPSK	1	271		15.48			
100	PI/2 BPSK	135	0		15.58			
100	PI/2 BPSK	135	69		16.13		17.0	0.0
100	PI/2 BPSK	135	138		15.76			
100	PI/2 BPSK	270	0		15.66			
100	QPSK	1	1		15.29		17.0	0.0
100	QPSK	1	137		16.23			
100	QPSK	1	271		15.96			
100	QPSK	135	0		15.73		17.0	0.0
100	QPSK	135	69		16.15			
100	QPSK	135	138		15.80			
100	QPSK	270	0		15.97		17.0	0.0
100	16QAM	1	1		15.15			
100	64QAM	1	1		15.42			
100	256QAM	1	1		15.67		17.0	0.0
Channel				649668	650000	650334		
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	15.97	16.11	16.04	17.0	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	15.72	15.83	15.14	17.0	0.0
Channel				648668	650000	650334		
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	15.84	15.97	15.78	17.0	0.0
Channel				648334	650000	650668		
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	15.86	15.89	15.79	17.0	0.0
Channel				648000	650000	650000		
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	15.69	16.02	15.79	17.0	0.0
Channel				647668	650000	650334		
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	15.76	15.92	15.91	17.0	0.0
Channel				647334	650000	650668		
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	15.65	16.02	15.96	17.0	0.0
Channel				647168	650000	650668		
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	15.72	15.88	15.76	17.0	0.0
Channel				647000	650000	650000		
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	15.66	15.94	15.80	17.0	0.0
Channel								
Frequency (MHz)								

PC2&3 Part270 n77 Ant5 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	17.5	0.0
Frequency (MHz)				3750	3840	3930		
100	Pl/2 BPSK	1	1	15.63	15.67	15.56	17.5	0.0
100	Pl/2 BPSK	1	137	16.10	16.31	16.12		
100	Pl/2 BPSK	1	271	15.83	15.96	15.77		
100	Pl/2 BPSK	135	0	15.90	16.09	15.81		
100	Pl/2 BPSK	135	69	16.26	16.38	16.19	17.5	0.0
100	Pl/2 BPSK	135	138	16.29	16.11	16.01	17.5	0.0
100	Pl/2 BPSK	270	0	15.86	15.90	15.84	17.5	0.0
100	QPSK	1	1	15.57	15.69	15.66		
100	QPSK	1	137	16.24	16.53	16.25		
100	QPSK	1	271	15.67	15.72	15.77		
100	QPSK	135	0	15.66	15.68	15.78	17.5	0.0
100	QPSK	135	69	16.20	16.48	16.31	17.5	0.0
100	QPSK	135	138	15.86	16.06	15.69	17.5	0.0
100	QPSK	270	0	15.92	16.16	15.80		
100	16QAM	1	1	15.53	15.54	15.53	17.5	0.0
100	64QAM	1	1	15.58	15.54	15.54	17.5	0.0
100	256QAM	1	1	15.76	15.62	15.93	17.5	0.0
Channel				649668	650000	650334	17.5	0.0
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	16.10	16.42	16.11	17.5	0.0
Channel				649334	650000	650668	17.5	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	16.04	16.33	15.95	17.5	0.0
Channel				648668	650000	651334	17.5	0.0
Frequency (MHz)				3730.02	3840	3960.01		
60	QPSK	1	81	16.15	16.38	16.00	17.5	0.0
Channel				648334	650000	651668	17.5	0.0
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	15.99	16.27	16.10	17.5	0.0
Channel				648000	650000	654000	17.5	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	15.90	16.37	16.10	17.5	0.0
Channel				647668	650000	654334	17.5	0.0
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	15.84	16.40	16.15	17.5	0.0
Channel				647334	650000	654668	17.5	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	16.00	16.37	15.93	17.5	0.0
Channel				647168	650000	654834	17.5	0.0
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	16.14	16.36	16.04	17.5	0.0
Channel				647000	650000	655000	17.5	0.0
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	16.04	16.38	16.06	17.5	0.0

PC2&3 Part270 n78 Ant5 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	17.5	0.0
Frequency (MHz)				3750	3760	3760		
100	Pl/2 BPSK	1	1	15.94			17.5	0.0
100	Pl/2 BPSK	1	137	16.51				
100	Pl/2 BPSK	1	271	16.20				
100	Pl/2 BPSK	135	0	16.43				
100	Pl/2 BPSK	135	69	16.55			17.5	0.0
100	Pl/2 BPSK	135	138	16.50			17.5	0.0
100	Pl/2 BPSK	270	0	16.14			17.5	0.0
100	QPSK	1	1	15.86				
100	QPSK	1	137	16.57				
100	QPSK	1	271	15.90				
100	QPSK	135	0	16.44			17.5	0.0
100	QPSK	135	69	16.58			17.5	0.0
100	QPSK	135	138	16.43			17.5	0.0
100	QPSK	270	0	16.50				
100	16QAM	1	1	15.96			17.5	0.0
100	64QAM	1	1	15.76			17.5	0.0
100	256QAM	1	1	16.02			17.5	0.0
Channel				649668	650000	650334	17.5	0.0
Frequency (MHz)				3745.02	3760	3765.01		
90	QPSK	1	123	15.76	16.23	15.78	17.5	0.0
Channel				649334	650000	650668	17.5	0.0
Frequency (MHz)				3740.01	3760	3760.02		
80	QPSK	1	109	15.74	16.29	15.79	17.5	0.0
Channel				648668	650000	651334	17.5	0.0
Frequency (MHz)				3730.02	3760	3770.01		
60	QPSK	1	81	15.79	16.13	15.85	17.5	0.0
Channel				648334	650000	651668	17.5	0.0
Frequency (MHz)				3725.01	3760	3775.02		
50	QPSK	1	67	15.77	16.15	15.87	17.5	0.0
Channel				648000	650000	652000	17.5	0.0
Frequency (MHz)				3720	3760	3780		
40	QPSK	1	53	15.75	16.05	15.73	17.5	0.0
Channel				647668	650000	652334	17.5	0.0
Frequency (MHz)				3715.02	3760	3785.01		
30	QPSK	1	39	15.80	16.14	15.71	17.5	0.0
Channel				647334	650000	652668	17.5	0.0
Frequency (MHz)				3710.01	3760	3790.02		
20	QPSK	1	26	15.90	16.05	15.83	17.5	0.0
Channel				647168	650000	652834	17.5	0.0
Frequency (MHz)				3707.52	3760	3792.51		
15	QPSK	1	19	15.80	16.12	15.89	17.5	0.0
Channel				647000	650000	653000	17.5	0.0
Frequency (MHz)				3705	3760	3795		
10	QPSK	1	12	15.69	16.19	15.74	17.5	0.0

Part270 n78 PC2 Ant7 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq 650000	Power Middle Ch / Freq 650000	Power High Ch / Freq 650000	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3750	3750	26.5	0.0	
Frequency (MHz)									
100	PI2 BPSK	1	1		24.94				
100	PI2 BPSK	1	137		25.34				
100	PI2 BPSK	1	271		24.87		26.5	0.0	
100	PI2 BPSK	135	0		24.58		26.0	0.5	
100	PI2 BPSK	135	69		25.32		26.5	0.0	
100	PI2 BPSK	135	138		24.74		26.0	0.5	
100	PI2 BPSK	270	0		24.71				
100	QPSK	1	1		24.81		26.5	0.0	
100	QPSK	1	137		25.54				
100	QPSK	1	271		24.96				
100	QPSK	135	0		24.15		25.5	1.0	
100	QPSK	135	69		25.47		26.5	0.0	
100	QPSK	135	138		24.31		25.5	1.0	
100	QPSK	270	0		24.33				
100	16QAM	1	1		23.85		25.5	1.0	
100	64QAM	1	1		22.28		24.0	2.5	
100	256QAM	1	1		20.67		22.0	4.5	
Channel				649668	650000	650334	26.5	0.0	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123	25.48	25.42	25.44			
Channel				649334	650000	650668	26.5	0.0	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	109	25.39	25.45	25.51		0.0	
Channel				648668	650000	651334	26.5	0.0	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	81	25.44	25.48	25.37		0.0	
Channel				648334	650000	651668	26.5	0.0	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	67	25.40	25.50	25.39		0.0	
Channel				648000	650000	652000	26.5	0.0	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	53	25.43	25.48	25.44		0.0	
Channel				647668	650000	652334	26.5	0.0	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	39	25.40	25.39	25.39		0.0	
Channel				647334	650000	652668	26.5	0.0	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	26	25.39	25.41	25.50		0.0	
Channel				647168	650000	652834	26.5	0.0	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	19	25.45	25.48	25.41		0.0	
Channel				647000	650000	653000	26.5	0.0	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	12	25.48	25.48	25.46		0.0	



Reduced Power Mode for DS12 Simultaneous

PC2&3 Part270 n77 Ant2 DS12 for END C									
BW [MHz]	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	13.92	13.88	13.81	15.5	0.0	
100	PI/2 BPSK	1	137	14.27	14.44	14.16			
100	PI/2 BPSK	1	271	13.72	14.07	14.02			
100	PI/2 BPSK	135	0	13.81	13.85	14.01			
100	PI/2 BPSK	135	69	14.50	14.50	14.31	15.5	0.0	
100	PI/2 BPSK	135	138	14.11	14.52	14.31	15.5	0.0	
100	PI/2 BPSK	270	0	13.81	13.81	13.76			
100	QPSK	1	1	13.63	13.79	13.60			
100	QPSK	1	137	14.36	14.58	14.50			
100	QPSK	1	271	13.86	13.86	13.78	15.5	0.0	
100	QPSK	135	0	14.21	14.45	14.31			
100	QPSK	135	69	14.31	14.56	14.55			
100	QPSK	135	138	14.30	14.47	14.40			
100	QPSK	270	0	14.26	14.41	14.34	15.5	0.0	
100	16QAM	1	1	14.48	14.39	14.37	15.5	0.0	
100	64QAM	1	1	14.35	14.42	14.42	15.5	0.0	
100	256QAM	1	1	14.15	14.31	14.20	15.5	0.0	
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	123	14.17	14.31	14.07	15.5	0.0	
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	109	14.12	14.34	13.96	15.5	0.0	
Channel				648680	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3980.01			
60	QPSK	1	81	14.12	14.37	14.07	15.5	0.0	
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3985.02			
50	QPSK	1	67	14.05	14.38	14.07	15.5	0.0	
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3990			
40	QPSK	1	53	14.04	14.36	14.10	15.5	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3985.01			
30	QPSK	1	39	14.11	14.34	14.03	15.5	0.0	
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	26	14.18	14.38	14.00	15.5	0.0	
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	19	14.07	14.26	14.05	15.5	0.0	
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	12	14.10	14.28	13.99	15.5	0.0	

PC2&3 Part270 n78 Ant2 DS12 for END C									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		13.73		15.5	0.0	
100	PI/2 BPSK	1	137		14.36				
100	PI/2 BPSK	1	271		14.08				
100	PI/2 BPSK	135	0		13.85				
100	PI/2 BPSK	135	69		14.45		15.5	0.0	
100	PI/2 BPSK	135	138		14.28		15.5	0.0	
100	PI/2 BPSK	270	0		13.76				
100	QPSK	1	1		13.56				
100	QPSK	1	137		14.48				
100	QPSK	1	271		13.70		15.5	0.0	
100	QPSK	135	0		14.31				
100	QPSK	135	69		14.35				
100	QPSK	135	138		14.28				
100	QPSK	270	0		14.26		15.5	0.0	
100	16QAM	1	1		14.28		15.5	0.0	
100	64QAM	1	1		14.24		15.5	0.0	
100	256QAM	1	1		14.13		15.5	0.0	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123	14.09	14.38	14.10	15.5	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	109	14.19	14.27	13.98	15.5	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	81	14.09	14.27	14.04	15.5	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	67	14.15	14.32	14.01	15.5	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	53	14.11	14.27	14.00	15.5	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	39	14.09	14.40	13.96	15.5	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	26	14.05	14.37	13.95	15.5	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	19	14.07	14.39	14.11	15.5	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	12	14.12	14.40	14.08	15.5	0.0	



Reduced Power Mode for DSI3

n2 Ant0 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				375000	376000	380000	18.5	0.0
Frequency (MHz)				1660	1660	1660		
20	PI2 BPSK	1	1	17.27	17.34	17.32	18.5	0.0
20	PI2 BPSK	1	53	17.18	17.31	17.14		
20	PI2 BPSK	1	104	17.19	17.24	17.15		
20	PI2 BPSK	50	0	17.04	17.13	17.08	18.5	0.0
20	PI2 BPSK	50	28	17.18	17.28	17.20	18.5	0.0
20	PI2 BPSK	50	58	17.26	17.33	17.20	18.5	0.0
20	PI2 BPSK	100	0	17.25	17.35	17.33	18.5	0.0
20	QPSK	1	1	17.33	17.41	17.36	18.5	0.0
20	QPSK	1	53	17.30	17.38	17.21		
20	QPSK	1	104	17.16	17.28	17.11		
20	QPSK	50	0	17.07	17.27	17.08	18.5	0.0
20	QPSK	50	28	17.28	17.39	17.37	18.5	0.0
20	QPSK	50	58	17.16	17.30	17.21	18.5	0.0
20	QPSK	100	0	17.26	17.34	17.30	18.5	0.0
20	16QAM	1	1	16.87	17.09	16.94	18.5	0.0
20	64QAM	1	1	16.80	16.99	16.93	18.5	0.0
20	256QAM	1	1	17.00	17.01	16.88	18.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1657.5	1660	1692.5	18.5 <td>0.0</td>	0.0
15	QPSK	1	1	17.27	17.31	17.22	18.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1655	1660	1665	18.5 <td>0.0</td>	0.0
10	QPSK	1	1	17.24	17.36	17.26	18.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1652.5	1660	1697.5	18.5 <td>0.0</td>	0.0
5	QPSK	1	1	17.25	17.29	17.24	18.5	0.0

n5 Ant0 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	24.0	0.0
Frequency (MHz)				884	896.5	909		
20	PI2 BPSK	1	1	22.72	22.87	22.80	24.0	0.0
20	PI2 BPSK	1	53	22.79	22.91	22.79		
20	PI2 BPSK	1	104	22.88	22.95	22.86		
20	PI2 BPSK	50	0	22.22	22.36	22.19	23.5	0.5
20	PI2 BPSK	50	28	22.76	22.91	22.86	24.0	0.0
20	PI2 BPSK	50	58	22.38	22.42	22.29	23.5	0.5
20	PI2 BPSK	100	0	22.28	22.38	22.24	23.5	0.5
20	QPSK	1	1	22.86	22.96	22.90	24.0	0.0
20	QPSK	1	53	22.80	22.92	22.78		
20	QPSK	1	104	22.80	22.98	22.81		
20	QPSK	50	0	21.77	21.81	21.65	23.0	1.0
20	QPSK	50	28	22.82	22.92	22.84	24.0	0.0
20	QPSK	50	58	21.84	21.88	21.72	23.0	1.0
20	QPSK	100	0	21.69	21.83	21.78	23.0	1.0
20	16QAM	1	1	21.56	21.61	21.52	23.0	1.0
20	64QAM	1	1	20.14	20.22	20.12	21.5	2.5
20	256QAM	1	1	18.51	18.55	18.42	18.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5	24.0	0.0
15	QPSK	1	1	22.76	22.81	22.80	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844	24.0	0.0
10	QPSK	1	1	22.80	22.82	22.74	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5	24.0	0.0
5	QPSK	1	1	22.72	22.83	22.85	24.0	0.0

n7 Ant0 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				505000	507000	509000	20.0	0.0
Frequency (MHz)				2505	2535	2565		
50	PI2 BPSK	1	1	18.99	19.06	19.02	20.0	0.0
50	PI2 BPSK	1	135	18.84	18.97	18.91		
50	PI2 BPSK	1	268	18.82	18.87	18.85		
50	PI2 BPSK	135	0	18.74	18.92	18.84	20.0	0.0
50	PI2 BPSK	135	68	18.93	19.06	18.91	20.0	0.0
50	PI2 BPSK	135	135	18.92	18.95	18.89	20.0	0.0
50	PI2 BPSK	270	0	18.95	19.02	19.02	20.0	0.0
50	QPSK	1	1	19.11	19.13	19.04	20.0	0.0
50	QPSK	1	135	19.00	19.07	18.92		
50	QPSK	1	268	18.80	19.01	18.85		
50	QPSK	135	0	18.79	18.96	18.77	20.0	0.0
50	QPSK	135	68	19.07	19.12	19.11	20.0	0.0
50	QPSK	135	135	18.91	19.00	18.85	20.0	0.0
50	QPSK	270	0	18.90	19.08	19.07	20.0	0.0
50	16QAM	1	1	18.83	18.79	18.67	20.0	0.0
50	64QAM	1	1	18.58	18.65	18.56	20.0	0.0
50	256QAM	1	1	18.80	18.84	18.77	19.5	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550	20.0	0.0
40	QPSK	1	1	18.97	19.09	18.90	20.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555	20.0	0.0
30	QPSK	1	1	19.08	19.04	18.99	20.0	0.0
Channel				502000	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511.5 <td>2535</td> <td>2557.5</td> <td>20.0</td> <td>0.0</td>	2535	2557.5	20.0	0.0
25	QPSK	1	1	19.01	19.05	18.92	20.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510 <td>2535</td> <td>2560</td> <td>20.0</td> <td>0.0</td>	2535	2560	20.0	0.0
20	PI2 BPSK	1	1	19.04	19.10	18.95	20.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5 <td>2535</td> <td>2562.5</td> <td>20.0</td> <td>0.0</td>	2535	2562.5	20.0	0.0
15	QPSK	1	1	19.02	19.06	18.97	20.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505 <td>2535</td> <td>2565</td> <td>20.0</td> <td>0.0</td>	2535	2565	20.0	0.0
10	QPSK	1	1	18.98	19.00	18.99	20.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5 <td>2535</td> <td>2567.5</td> <td>20.0</td> <td>0.0</td>	2535	2567.5	20.0	0.0
5	QPSK	1	1	19.02	19.08	19.00	20.0	0.0

n66 Ant0 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				348000	349000	352000	17.5	0.0
Frequency (MHz)				1725	1745	1760		
40	PI2 BPSK	1	1	15.81	15.90	15.84	17.5	0.0
40	PI2 BPSK	1	108	15.73	15.77	15.70		
40	PI2 BPSK	1	214	15.65	15.78	15.89		
40	PI2 BPSK	108	0	15.58	15.70	15.64		
40	PI2 BPSK	108	54	15.75	15.88	15.88	17.5	0.0
40	PI2 BPSK	108	108	15.73	15.78	15.78		
40	PI2 BPSK	216	0	15.72	15.78	15.85		
40	QPSK	1	1	15.92	15.95	15.89		
40	QPSK	1	108	15.77	15.90	15.77	17.5	0.0
40	QPSK	1	214	15.83	15.75	15.80		
40	QPSK	108	0	15.59	15.88	15.94		
40	QPSK	108	54	15.83	15.90	15.87		
40	QPSK	108	108	15.64	15.85	15.77	17.5	0.0
40	QPSK	216	0	15.80	15.89	15.79		
40	16QAM	1	1	15.88	15.74	15.70		
40	16QAM	1	1	15.54	15.89	15.82		
40	256QAM	1	1	15.74	15.74	15.57	17.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	15.79	15.89	15.81	17.5	0.0
Channel				344000	349000	353000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	15.88	15.92	15.85	17.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	15.79	15.81	15.74	17.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	15.79	15.84	15.77	17.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	15.80	15.81	15.82	17.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	15.72	15.50	15.86	17.5	0.0

n38 Ant0 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			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	17.15	17.27	17.24			
40	PI/2 BPSK	1	53	17.68	17.71	17.57	19.0	0.0	
40	PI/2 BPSK	1	104	17.26	17.32	17.29			
40	PI/2 BPSK	50	0	17.44	17.52	17.46	19.0	0.0	
40	PI/2 BPSK	50	28	17.89	17.74	17.62	19.0	0.0	
40	PI/2 BPSK	50	56	17.50	17.61	17.53	19.0	0.0	
40	PI/2 BPSK	100	0	17.54	17.65	17.57			
40	QPSK	1	1	17.25	17.33	17.29			
40	QPSK	1	53	17.74	17.79	17.71	19.0	0.0	
40	QPSK	1	104	17.23	17.28	17.17			
40	QPSK	50	0	17.52	17.61	17.50	19.0	0.0	
40	QPSK	50	28	17.62	17.78	17.67	19.0	0.0	
40	QPSK	80	56	17.45	17.59	17.52	19.0	0.0	
40	QPSK	100	0	17.61	17.65	17.58			
40	16QAM	1	1	17.17	17.31	17.25	19.0	0.0	
40	64QAM	1	1	17.22	17.27	17.17	19.0	0.0	
40	256QAM	1	1	17.19	17.24	17.14	19.0	0.0	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	39	17.64	17.74	17.68	19.0	0.0	
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2592.52	2595	2607.48			
25	QPSK	1	32	17.64	17.71	17.63	19.0	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	26	17.69	17.70	17.58	19.0	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	19	17.68	17.73	17.62	19.0	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	12	17.62	17.67	17.56	19.0	0.0	

n41 PC3 Ant0 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				502002	518998	520000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	17.11	17.14	17.06			
100	PI/2 BPSK	1	137	17.85	17.83	17.88	19.0	0.0	
100	PI/2 BPSK	1	271	17.04	17.19	17.15			
100	PI/2 BPSK	135	0	17.70	17.83	17.77	19.0	0.0	
100	PI/2 BPSK	135	69	17.78	17.90	17.76	19.0	0.0	
100	PI/2 BPSK	135	138	17.66	17.76	17.70	19.0	0.0	
100	PI/2 BPSK	270	0	17.72	17.81	17.67			
100	QPSK	1	1	17.16	17.28	17.24			
100	QPSK	1	137	17.93	17.97	17.88	19.0	0.0	
100	QPSK	1	271	17.11	17.22	17.09			
100	QPSK	135	0	17.72	17.89	17.86	19.0	0.0	
100	QPSK	135	69	17.79	17.92	17.85	19.0	0.0	
100	QPSK	135	138	17.77	17.84	17.80	19.0	0.0	
100	QPSK	270	0	17.81	17.88	17.78			
100	16QAM	1	1	17.67	17.75	17.61	19.0	0.0	
100	64QAM	1	1	17.62	17.69	17.60	19.0	0.0	
100	256QAM	1	1	17.53	17.61	17.58	19.0	0.0	
Channel				502000	518998	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	123	17.80	17.87	17.82	19.0	0.0	
Channel				507204	518998	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	109	17.85	17.91	17.79	19.0	0.0	
Channel				505200	518998	521998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2528	2592.99	2659.98			
60	QPSK	1	81	17.83	17.86	17.78	19.0	0.0	
Channel				504204	518998	522998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2664.99			
50	QPSK	1	67	17.89	17.90	17.75	19.0	0.0	
Channel				503202	518998	524000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	53	17.78	17.84	17.76	19.0	0.0	
Channel				502200	518998	524998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	39	17.86	17.92	17.80	19.0	0.0	
Channel				501204	518998	525998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.02	2592.99	2679.99			
20	QPSK	1	26	17.84	17.87	17.72	19.0	0.0	
Channel				500700	518998	526498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	19	17.82	17.88	17.75	19.0	0.0	
Channel				500202	518998	527000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2491.01	2592.99	2685			
10	QPSK	1	12	17.82	17.89	17.73	19.0	0.0	



n2 Ant1 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. #20/000	Power Middle Ch. / Freq. #20/000	Power High Ch. / Freq. #20/000	Tune-up limit (dBm)	MPR (dB)	
Channel				1860	1880	1900	20.0	0.0	
Frequency (MHz)				1860	1880	1900			
20	Pi2 BPSK	1	1	19.18	19.28	19.20	20.0	0.0	
20	Pi2 BPSK	1	53	19.11	19.16	19.07			
20	Pi2 BPSK	1	104	19.05	19.12	19.00	20.0	0.0	
20	Pi2 BPSK	50	0	19.95	19.07	19.02			
20	Pi2 BPSK	50	28	19.11	19.23	19.08	20.0	0.0	
20	Pi2 BPSK	50	58	19.15	19.18	19.12			
20	Pi2 BPSK	100	0	19.13	19.21	19.19	20.0	0.0	
20	QPSK	1	1	19.27	19.36	19.23			
20	QPSK	1	53	19.17	19.24	19.15	20.0	0.0	
20	QPSK	1	104	19.03	19.14	19.02			
20	QPSK	50	0	19.97	19.11	18.98	20.0	0.0	
20	QPSK	50	28	19.20	19.31	19.26			
20	QPSK	50	58	19.09	19.22	19.10	20.0	0.0	
20	QPSK	100	0	19.13	19.25	19.22			
20	16QAM	1	1	18.81	18.92	18.85	20.0	0.0	
20	64QAM	1	1	18.72	18.86	18.80			
20	256QAM	1	1	17.84	17.91	17.75	18.5	1.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	18.97	19.00	19.02.5	19.5	0.0	
Channel				374500	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1905			
10	QPSK	1	1	19.14	19.23	19.11	20.0	0.0	
Channel				375500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1907.5			
5	QPSK	1	1	19.16	19.30	19.17	20.0	0.0	

n5 Ant1 Default									
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	24.0	0.0	
Frequency (MHz)				166800	167300	167800			
20	Pi2 BPSK	1	1	23.30	23.37	23.24	24.0	0.0	
20	Pi2 BPSK	1	53	23.30	23.42	23.40			
20	Pi2 BPSK	1	104	23.24	23.39	23.27	23.5	0.5	
20	Pi2 BPSK	50	0	22.68	22.84	22.80			
20	Pi2 BPSK	50	28	23.30	23.40	23.34	24.0	0.0	
20	Pi2 BPSK	50	58	22.77	22.90	22.78			
20	Pi2 BPSK	100	0	22.77	22.88	22.73	23.5	0.5	
20	QPSK	1	1	23.33	23.45	23.37			
20	QPSK	1	53	23.32	23.39	23.27	24.0	0.0	
20	QPSK	1	104	23.14	23.30	23.28			
20	QPSK	50	0	22.32	22.34	22.31	23.0	1.0	
20	QPSK	50	28	23.36	23.41	23.33			
20	QPSK	50	58	22.28	22.39	22.33	23.0	1.0	
20	QPSK	100	0	22.17	22.31	22.23			
20	16QAM	1	1	22.14	22.18	22.02	23.0	1.0	
20	64QAM	1	1	20.55	20.64	20.51			
20	256QAM	1	1	19.12	19.15	19.10	19.5	4.5	
Channel				166800	167300	168300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)	
15	QPSK	1	1	23.27	23.40	23.24	24.0	0.0	
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR	
Frequency (MHz)				820	836.5	844	(dBm)	(dB)	
10	QPSK	1	1	23.30	23.39	23.21	24.0	0.0	
Channel				166300	167300	169300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)	
5	QPSK	1	1	23.18	23.31	23.26	24.0	0.0	

n7 Ant1 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 505000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 509000	Tune-up limit (dBm)	MPR (dB)	
Channel				2525	2535	2545	19.0	0.0	
Frequency (MHz)				505000	507000	509000			
50	Pi2 BPSK	1	1	18.13	18.17	18.07	19.0	0.0	
50	Pi2 BPSK	1	135	18.04	18.12	17.98			
50	Pi2 BPSK	1	268	17.93	18.06	17.89	17.92	19.0	
50	Pi2 BPSK	135	0	17.88	17.93	17.92			
50	Pi2 BPSK	135	68	18.05	18.19	18.00	19.0	0.0	
50	Pi2 BPSK	135	135	18.12	18.06	18.00			
50	Pi2 BPSK	270	0	18.02	18.13	18.06	19.0	0.0	
50	QPSK	1	1	18.15	18.26	18.21			
50	QPSK	1	135	18.06	18.15	18.09	19.0	0.0	
50	QPSK	1	268	17.98	18.03	17.91			
50	QPSK	135	0	17.83	18.01	17.89	19.0	0.0	
50	QPSK	135	68	18.05	18.24	18.22			
50	QPSK	135	135	18.04	18.15	18.06	19.0	0.0	
50	QPSK	270	0	18.07	18.18	18.01			
50	16QAM	1	1	17.77	17.80	17.82	19.0	0.0	
50	64QAM	1	1	17.68	17.73	17.66			
50	256QAM	1	1	17.78	17.84	17.87	18.0	0.0	
Channel				505000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	18.10	18.16	18.14	19.0	0.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	18.07	18.15	18.14	19.0	0.0	
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	18.04	18.19	18.10	19.0	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	Pi2 BPSK	1	1	18.08	18.12	18.10	19.0	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	18.02	18.23	18.10	19.0	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	18.10	18.14	18.07	19.0	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	18.06	18.22	18.10	19.0	0.0	

n66 Ant1 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq 344000	Power Middle Ch / Freq 349000	Power High Ch / Freq 353000	Tune-up limit (dBm)	MPR (dB)
Channel				1730	1745	1760	20.5	0.0
Frequency (MHz)								
40	PI2 BPSK	1	1	19.26	19.37	19.30		
40	PI2 BPSK	1	108	19.25	19.27	19.14	20.5	0.0
40	PI2 BPSK	1	214	19.18	19.19	19.12		
40	PI2 BPSK	108	0	19.02	19.12	19.10		
40	PI2 BPSK	108	54	19.19	19.35	19.16	20.5	0.0
40	PI2 BPSK	108	108	19.22	19.27	19.26		
40	PI2 BPSK	216	0	19.24	19.28	19.28		
40	QPSK	1	1	19.40	19.46	19.30	20.5	0.0
40	QPSK	1	108	19.25	19.33	19.24		
40	QPSK	1	214	19.15	19.21	19.12		
40	QPSK	108	0	19.11	19.19	19.15	20.5	0.0
40	QPSK	108	54	19.32	19.42	19.38		
40	QPSK	108	108	19.22	19.37	19.25		
40	QPSK	216	0	19.24	19.35	19.31	20.5	0.0
40	16QAM	1	1	18.94	18.98	18.97		
40	16QAM	1	1	18.85	18.92	18.93		
40	256QAM	1	1	18.28	18.38	18.32	19.5	1.0
Channel				343000	345000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765	20.5	0.0
30	QPSK	1	1	19.30	19.40	19.16		
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5	20.5	0.0
25	QPSK	1	1	19.30	19.32	19.25		
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	20.5	0.0
20	QPSK	1	1	19.30	19.36	19.22		
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	20.5	0.0
15	QPSK	1	1	19.31	19.33	19.27		
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	20.5	0.0
10	QPSK	1	1	19.30	19.31	19.24		
Channel				342500	345000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	20.5	0.0
5	QPSK	1	1	19.33	19.38	19.22		

n38 Ant1 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	19.0	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	17.73	17.85	17.74	19.0	0.0	
40	PI/2 BPSK	1	53	18.11	18.21	18.07			
40	PI/2 BPSK	1	104	17.54	17.66	17.57	19.0	0.0	
40	PI/2 BPSK	50	0	18.01	18.08	18.04			
40	PI/2 BPSK	50	28	18.15	18.20	18.15	19.0	0.0	
40	PI/2 BPSK	50	56	17.79	17.87	17.72			
40	PI/2 BPSK	100	0	17.96	18.03	17.93	19.0	0.0	
40	QPSK	1	1	17.84	17.89	17.82			
40	QPSK	1	53	18.23	18.28	18.15	19.0	0.0	
40	QPSK	1	104	17.80	17.88	17.58			
40	QPSK	50	0	18.05	18.15	18.09	19.0	0.0	
40	QPSK	50	28	18.17	18.23	18.19			
40	QPSK	80	56	17.72	17.82	17.67	19.0	0.0	
40	QPSK	100	0	18.05	18.08	17.97			
40	16QAM	1	1	17.53	17.66	17.57	19.0	0.0	
40	64QAM	1	1	17.48	17.58	17.46			
40	256QAM	1	1	17.66	17.77	17.67	18.5	0.5	
Channel				517002	519000	520000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99	19.0	0.0	
30	QPSK	1	39	18.20	18.19	18.07	19.0	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2592.52	2595	2607.48	19.0	0.0	
25	QPSK	1	32	18.10	18.17	18.11	19.0	0.0	
Channel				516000	519000	520000			
Frequency (MHz)				2580	2595	2610	19.0	0.0	
20	QPSK	1	26	18.10	18.24	18.08		0.0	
Channel				515502	519000	522498	19.0	0.0	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	19	18.15	18.20	18.08	19.0	0.0	
Channel				515004	519000	522996			
Frequency (MHz)				2575.02	2595	2614.98	19.0	0.0	
10	QPSK	1	12	18.09	18.14	18.01			

n41 PC3 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				502002	518998	520000	19.0	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	17.61	17.67	17.62	19.0	0.0	
100	PI/2 BPSK	1	137	18.07	18.14	18.02			
100	PI/2 BPSK	1	271	17.38	17.42	17.38	19.0	0.0	
100	PI/2 BPSK	135	0	18.01	18.07	18.03			
100	PI/2 BPSK	135	69	18.21	18.29	18.21	19.0	0.0	
100	PI/2 BPSK	135	138	17.90	17.96	17.81			
100	PI/2 BPSK	270	0	17.94	18.08	18.01	19.0	0.0	
100	QPSK	1	1	17.61	17.73	17.60			
100	QPSK	1	137	18.28	18.32	18.23	19.0	0.0	
100	QPSK	1	271	17.44	17.49	17.39			
100	QPSK	135	0	18.02	18.12	17.98	19.0	0.0	
100	QPSK	135	69	18.07	18.18	18.09			
100	QPSK	135	138	17.90	17.85	17.85	19.0	0.0	
100	QPSK	270	0	17.99	18.03	17.99			
100	16QAM	1	1	17.48	17.52	17.37	19.0	0.0	
100	64QAM	1	1	17.38	17.44	17.35			
100	256QAM	1	1	17.64	17.76	17.69	18.5	0.5	
Channel				502000	518998	520000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98	19.0	0.0	
90	QPSK	1	123	18.23	18.26	18.18	19.0	0.0	
Channel				507204	518998	529998			
Frequency (MHz)				2530.02	2592.99	2649.99	19.0	0.0	
80	QPSK	1	109	18.10	18.18	18.13	19.0	0.0	
Channel				502000	518998	531998			
Frequency (MHz)				2528	2592.99	2659.98	19.0	0.0	
60	QPSK	1	81	18.14	18.29	18.10		0.0	
Channel				504204	518998	532998	19.0	0.0	
Frequency (MHz)				2531.09	2592.99	2649.99			
50	QPSK	1	67	18.15	18.24	18.15	19.0	0.0	
Channel				503202	518998	534000			
Frequency (MHz)				2516.01	2592.99	2670	19.0	0.0	
40	QPSK	1	53	18.13	18.27	18.15		0.0	
Channel				502200	518998	534998			
Frequency (MHz)				2511	2592.99	2674.98	19.0	0.0	
30	QPSK	1	39	18.22	18.22	18.16		0.0	
Channel				501204	518998	535998	19.0	0.0	
Frequency (MHz)				2500.02	2592.99	2674.99			
20	QPSK	1	26	18.25	18.20	18.19	19.0	0.0	
Channel				500700	518998	536498			
Frequency (MHz)				2503.5	2592.99	2682.48	19.0	0.0	
15	QPSK	1	19	18.25	18.25	18.13		0.0	
Channel				500202	518998	537000	19.0	0.0	
Frequency (MHz)				2491.01	2592.99	2685			
10	QPSK	1	12	18.18	18.17	18.16	19.0	0.0	

Part270 n77 PC2 Ant2 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				65000	65000	65000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	16.42	16.35	16.35	18.0	0.0	
100	PI/2 BPSK	1	137	16.69	16.67	16.71			
100	PI/2 BPSK	1	271	16.28	16.59	16.52			
100	PI/2 BPSK	135	0	16.27	16.36	16.49			
100	PI/2 BPSK	135	69	16.95	17.07	16.80	18.0	0.0	
100	PI/2 BPSK	135	138	16.71	16.99	16.88	18.0	0.0	
100	PI/2 BPSK	270	0	16.36	16.38	16.18	18.0	0.0	
100	QPSK	1	1	16.11	16.25	16.15			
100	QPSK	1	137	16.95	17.11	16.97			
100	QPSK	1	271	16.45	16.34	16.27			
100	QPSK	135	0	16.72	16.92	16.74	18.0	0.0	
100	QPSK	135	69	16.87	17.08	17.02	18.0	0.0	
100	QPSK	135	138	16.82	16.87	16.76	18.0	0.0	
100	QPSK	270	0	16.83	16.85	16.83	18.0	0.0	
100	16QAM	1	1	16.90	17.00	16.85			
100	64QAM	1	1	16.87	16.92	16.80			
100	256QAM	1	1	16.69	16.76	16.69			
Channel				64998	65002	65004	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	123	16.84	17.00	16.85	18.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3740	3940.02			
80	QPSK	1	109	16.90	16.59	16.69	18.0	0.0	
Channel				648968	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3960.01			
60	QPSK	1	81	16.86	16.97	16.89	18.0	0.0	
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3925.02			
50	QPSK	1	67	16.91	17.00	16.86	18.0	0.0	
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	53	16.82	17.09	16.87	18.0	0.0	
Channel				647658	650000	654334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	39	16.92	17.08	16.83	18.0	0.0	
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	26	16.91	17.04	16.89	18.0	0.0	
Channel				647168	650000	654834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	19	16.85	17.01	16.93	18.0	0.0	
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	12	16.88	16.97	16.84	18.0	0.0	

Part270 n78 PC2 Ant2 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				65000	65000	65000			
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		16.30		18.0	0.0	
100	PI/2 BPSK	1	137		16.82				
100	PI/2 BPSK	1	271		16.48				
100	PI/2 BPSK	135	0		16.15				
100	PI/2 BPSK	135	69		16.93		18.0	0.0	
100	PI/2 BPSK	135	138		16.80		18.0	0.0	
100	PI/2 BPSK	270	0		16.20		18.0	0.0	
100	QPSK	1	1		16.13				
100	QPSK	1	137		16.97				
100	QPSK	1	271		16.32				
100	QPSK	135	0		16.84		18.0	0.0	
100	QPSK	135	69		16.92		18.0	0.0	
100	QPSK	135	138		16.85		18.0	0.0	
100	QPSK	270	0		16.77		18.0	0.0	
100	16QAM	1	1		16.90				
100	64QAM	1	1		16.81				
100	256QAM	1	1		16.51				
Channel				649968	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123	16.83	16.91	16.92	18.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	109	16.82	16.92	16.94	18.0	0.0	
Channel				648968	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	81	16.85	16.96	16.86	18.0	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	67	16.85	16.91	16.90	18.0	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	53	16.82	16.92	16.93	18.0	0.0	
Channel				647658	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	39	16.92	16.95	16.92	18.0	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	26	16.90	16.92	16.93	18.0	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	19	16.82	16.91	16.91	18.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	12	16.84	16.85	16.83	18.0	0.0	

Part270 n77 PC2 Ant4 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		
Frequency (MHz)				3750	3840	3930		
100	Pl/2 BPSK	1	1	18.95	17.07	16.90	18.5	0.0
100	Pl/2 BPSK	1	137	17.76	17.78	17.54		
100	Pl/2 BPSK	1	271	17.02	17.13	16.90		
100	Pl/2 BPSK	135	0	18.93	17.00	16.82		
100	Pl/2 BPSK	135	69	17.79	17.76	17.61	18.5	0.0
100	Pl/2 BPSK	135	138	17.00	17.12	17.07	18.5	0.0
100	Pl/2 BPSK	270	0	17.89	17.88	17.65	18.5	0.0
100	QPSK	1	1	17.04	17.11	16.96		
100	QPSK	1	137	17.82	17.95	17.84		
100	QPSK	1	271	17.10	17.26	17.15		
100	QPSK	135	0	18.83	16.98	16.94	18.5	0.0
100	QPSK	135	69	17.77	17.80	17.62	18.5	0.0
100	QPSK	135	138	16.96	17.14	17.12	18.5	0.0
100	QPSK	270	0	17.52	17.75	17.43	18.5	0.0
100	16QAM	1	1	17.01	17.06	16.93		
100	16QAM	1	1	18.72	16.98	16.71		
100	256QAM	1	1	16.71	16.78	16.74		
Channel				649968	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	17.89	17.80	17.66	18.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	17.70	17.81	17.59	18.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3960.01		
60	QPSK	1	81	17.80	17.77	17.62	18.5	0.0
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3995.02		
50	QPSK	1	67	17.79	17.75	17.75	18.5	0.0
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	17.85	17.67	17.70	18.5	0.0
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3985.01		
30	QPSK	1	39	17.81	17.74	17.58	18.5	0.0
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	17.70	17.79	17.74	18.5	0.0
Channel				647168	650000	654834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	17.90	17.80	17.69	18.5	0.0
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	17.71	17.77	17.66	18.5	0.0

Part270 n78 PC2 Ant4 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			
Frequency (MHz)				3750	3750	3750			
100	Pl/2 BPSK	1	1		17.87		19.5	0.0	
100	Pl/2 BPSK	1	137		18.64				
100	Pl/2 BPSK	1	271		18.04				
100	Pl/2 BPSK	135	0		17.89				
100	Pl/2 BPSK	135	69		18.67		19.5	0.0	
100	Pl/2 BPSK	135	138		18.03		19.5	0.0	
100	Pl/2 BPSK	270	0		18.21		19.5	0.0	
100	QPSK	1	1		17.85				
100	QPSK	1	137		18.76				
100	QPSK	1	271		18.06				
100	QPSK	135	0		17.84		19.5	0.0	
100	QPSK	135	69		18.72		19.5	0.0	
100	QPSK	135	138		17.85		19.5	0.0	
100	QPSK	270	0		18.54		19.5	0.0	
100	16QAM	1	1		17.84				
100	16QAM	1	1		17.82				
100	256QAM	1	1		17.80				
Channel				649968	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123		18.60	18.40	19.5	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	109		18.50	18.49	19.5	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	81		18.55	18.42	19.5	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	67		18.49	18.41	19.5	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	53		18.52	18.65	18.42	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	39		18.61	18.60	18.49	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	26		18.55	18.49	18.46	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	19		18.58	18.63	18.42	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	12		18.55	18.66	18.43	19.5	0.0

Part270 n77 PC2 Ant5 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				65000	65000	65000	19.0	0.0
Frequency (MHz)				3750	3840	3930		
100	Pl/2 BPSK	1	1	17.15	17.18	17.07	19.0	0.0
100	Pl/2 BPSK	1	137	17.65	17.75	17.59		
100	Pl/2 BPSK	1	271	17.30	17.41	17.29		
100	Pl/2 BPSK	135	0	17.45	17.54	17.34		
100	Pl/2 BPSK	135	69	17.78	17.91	17.65		
100	Pl/2 BPSK	135	138	17.79	17.61	17.48	19.0	0.0
100	Pl/2 BPSK	270	0	17.32	17.40	17.40		
100	QPSK	1	1	17.15	17.15	17.18		
100	QPSK	1	137	17.75	17.98	17.72		
100	QPSK	1	271	17.18	17.27	17.24		
100	QPSK	135	0	17.15	17.21	17.25	19.0	0.0
100	QPSK	135	69	17.67	17.53	17.76		
100	QPSK	135	138	17.36	17.52	17.23		
100	QPSK	270	0	17.44	17.68	17.35		
100	16QAM	1	1	17.06	17.07	17.02		
100	64QAM	1	1	17.02	17.05	17.04	19.0	0.0
100	256QAM	1	1	17.35	17.39	17.33		
Channel				64998	65000	65034		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	17.63	17.90	17.61	19.0	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3840	3940.02	19.0	0.0
80	QPSK	1	109	17.67	17.89	17.63		
Channel				649668	650000	651334	19.0	0.0
Frequency (MHz)				3730.02	3840	3960.01		
60	QPSK	1	81	17.62	17.93	17.65	19.0	0.0
Channel				648334	650000	653668		
Frequency (MHz)				3725.01	3840	3955.02	19.0	0.0
50	QPSK	1	67	17.68	17.93	17.61		
Channel				648000	650000	654000	19.0	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	17.65	17.69	17.67	19.0	0.0
Channel				647668	650000	654334		
Frequency (MHz)				3715.02	3840	3965.01	19.0	0.0
30	QPSK	1	39	17.69	17.95	17.70		
Channel				647334	650000	654668	19.0	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	17.60	17.65	17.65	19.0	0.0
Channel				647168	650000	654834		
Frequency (MHz)				3707.52	3840	3972.51	19.0	0.0
15	QPSK	1	19	17.70	17.96	17.59		
Channel				647000	650000	655000	19.0	0.0
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	17.62	17.89	17.65	19.0	0.0

Part270 n78 PC3 Ant5 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				65000	65000	65000	19.0	0.0
Frequency (MHz)				3750	3750	3750		
100	Pl/2 BPSK	1	1		17.30		19.0	0.0
100	Pl/2 BPSK	1	137		17.86			
100	Pl/2 BPSK	1	271		17.55			
100	Pl/2 BPSK	135	0		17.86			
100	Pl/2 BPSK	135	69		17.91			
100	Pl/2 BPSK	135	138		17.86		19.0	0.0
100	Pl/2 BPSK	270	0		17.51			
100	QPSK	1	1		17.23			
100	QPSK	1	137		17.95			
100	QPSK	1	271		17.24			
100	QPSK	135	0		17.65		19.0	0.0
100	QPSK	135	69		17.52			
100	QPSK	135	138		17.88			
100	QPSK	270	0		17.88			
100	16QAM	1	1		17.36			
100	64QAM	1	1		17.15		19.0	0.0
100	256QAM	1	1		17.40			
Channel				649968	650000	650334		
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123		17.80	17.74	19.0	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3750	3760.02	19.0	0.0
80	QPSK	1	109		17.74	17.67		
Channel				649668	650000	651334	19.0	0.0
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81		17.76	17.65	19.0	0.0
Channel				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02	19.0	0.0
50	QPSK	1	67		17.78	17.68		
Channel				648000	650000	652000	19.0	0.0
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53		17.76	17.73	19.0	0.0
Channel				647668	650000	652334		
Frequency (MHz)				3715.02	3750	3785.01	19.0	0.0
30	QPSK	1	39		17.78	17.76		
Channel				647334	650000	652668	19.0	0.0
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26		17.70	17.75	19.0	0.0
Channel				647168	650000	652834		
Frequency (MHz)				3707.52	3750	3792.51	19.0	0.0
15	QPSK	1	19		17.80	17.73		
Channel				647000	650000	653000	19.0	0.0
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12		17.71	17.69	19.0	0.0

Part270 n77 PC2 Ant7 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		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.14	20.27	20.15	22.0	0.0
100	PI/2 BPSK	1	137	20.84	20.98	20.73		
100	PI/2 BPSK	1	271	20.22	20.14	20.13		
100	PI/2 BPSK	135	0	20.08	20.30	20.11		
100	PI/2 BPSK	135	69	20.85	21.04	20.73	22.0	0.0
100	PI/2 BPSK	135	138	20.22	20.22	20.20	22.0	0.0
100	PI/2 BPSK	270	0	20.20	20.23	20.12	22.0	0.0
100	QPSK	1	1	20.19	20.32	20.02		
100	QPSK	1	137	20.91	21.10	20.77		
100	QPSK	1	271	20.26	20.28	20.23		
100	QPSK	135	0	20.14	20.25	20.11	22.0	0.0
100	QPSK	135	69	20.80	20.99	20.63	22.0	0.0
100	QPSK	135	138	20.21	20.21	20.19	22.0	0.0
100	QPSK	270	0	20.90	20.94	20.72	22.0	0.0
100	16QAM	1	1	20.88	20.88	20.72	22.0	0.0
100	64QAM	1	1	20.79	20.93	20.77	22.0	0.0
100	256QAM	1	1	20.87	20.89	20.77	22.0	0.0
Channel				649998	650002	650004	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01	22.0	0.0
90	QPSK	1	123	20.88	20.88	20.76	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3740	3940.02	22.0	0.0
80	QPSK	1	109	20.89	20.93	20.73	22.0	0.0
Channel				648968	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3960.01	22.0	0.0
60	QPSK	1	81	20.84	20.90	20.72	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02	22.0	0.0
50	QPSK	1	67	20.90	20.95	20.82	22.0	0.0
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	22.0	0.0
40	QPSK	1	53	20.91	20.99	20.72	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01	22.0	0.0
30	QPSK	1	39	20.85	20.92	20.79	22.0	0.0
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3740	3970.02	22.0	0.0
20	QPSK	1	26	20.82	20.99	20.79	22.0	0.0
Channel				647168	650000	654934	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51	22.0	0.0
15	QPSK	1	19	20.90	20.94	20.76	22.0	0.0
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	22.0	0.0
10	QPSK	1	12	20.81	20.98	20.74	22.0	0.0

Part270 n78 PC2 Ant7 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			
Frequency (MHz)				3750	3750	3750			
100	PI2 BPSK	1	1		20.17		22.0	0.0	
100	PI2 BPSK	1	137		20.95				
100	PI2 BPSK	1	271		20.11				
100	PI2 BPSK	135	0		20.28				
100	PI2 BPSK	135	69		20.94		22.0	0.0	
100	PI2 BPSK	135	138		20.15		22.0	0.0	
100	PI2 BPSK	270	0		20.19		22.0	0.0	
100	QPSK	1	1		20.19				
100	QPSK	1	137		21.07				
100	QPSK	1	271		20.14				
100	QPSK	135	0		20.13		22.0	0.0	
100	QPSK	135	69		20.86		22.0	0.0	
100	QPSK	135	138		20.15		22.0	0.0	
100	QPSK	270	0		20.87		22.0	0.0	
100	16QAM	1	1		20.81		22.0	0.0	
100	64QAM	1	1		20.89		22.0	0.0	
100	256QAM	1	1		20.87		22.0	0.0	
Channel				649998	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01	22.0	0.0	
90	QPSK	1	123		20.75	20.77	20.89	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02	22.0	0.0	
80	QPSK	1	109		20.71	20.79	20.70	22.0	0.0
Channel				648968	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01	22.0	0.0	
60	QPSK	1	81		20.84	20.80	20.68	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02	22.0	0.0	
50	QPSK	1	67		20.85	20.83	20.73	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780	22.0	0.0	
40	QPSK	1	53		20.85	20.83	20.64	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01	22.0	0.0	
30	QPSK	1	39		20.82	20.75	20.84	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3767.02	22.0	0.0	
20	QPSK	1	26		20.77	20.85	20.70	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51	22.0	0.0	
15	QPSK	1	19		20.84	20.77	20.70	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795	22.0	0.0	
10	QPSK	1	12		20.86	20.84	20.67	22.0	0.0

Reduced Power Mode for DSI3 Simultaneous

Part270 n77 PC2&3 Ant2 DSI3 for ENDC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 662000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI/2 BPSK	1	1	13.50	13.43	13.37	15.0	0.0	
100	PI/2 BPSK	1	137	13.65	13.97	13.70			
100	PI/2 BPSK	1	271	13.26	13.61	13.53			
100	PI/2 BPSK	135	0	13.33	13.35	13.44	15.0	0.0	
100	PI/2 BPSK	135	69	13.99	14.10	13.75	15.0	0.0	
100	PI/2 BPSK	135	138	13.76	14.11	13.88	15.0	0.0	
100	PI/2 BPSK	270	0	13.37	13.38	13.24			
100	QPSK	1	1	13.11	13.23	13.19			
100	QPSK	1	137	13.93	14.16	13.97	15.0	0.0	
100	QPSK	1	271	13.55	13.42	13.32	15.0	0.0	
100	QPSK	135	0	13.75	13.90	13.71			
100	QPSK	135	69	13.81	14.12	14.07			
100	QPSK	135	138	13.85	13.83	13.80	15.0	0.0	
100	QPSK	270	0	13.89	13.93	13.92	15.0	0.0	
100	16QAM	1	1	13.90	14.04	13.89	15.0	0.0	
100	64QAM	1	1	13.87	13.97	13.77	15.0	0.0	
100	256QAM	1	1	13.71	13.70	13.75	15.0	0.0	
Channel									
Frequency (MHz)				64.9668	650000	66.2334	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	123	13.74	14.09	13.94	15.0	0.0	
Channel									
Frequency (MHz)				64.6334	650000	66.0666	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	109	13.82	14.00	13.93	15.0	0.0	
Channel									
Frequency (MHz)				64.8668	650000	66.3334	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	81	13.74	14.03	13.96	15.0	0.0	
Channel									
Frequency (MHz)				64.7334	650000	66.1666	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	67	13.82	14.05	13.91	15.0	0.0	
Channel									
Frequency (MHz)				64.8000	650000	66.4000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	53	13.77	14.07	13.86	15.0	0.0	
Channel									
Frequency (MHz)				64.7668	650000	66.4334	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	39	13.75	14.05	13.90	15.0	0.0	
Channel									
Frequency (MHz)				64.7334	650000	66.4668	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	26	13.82	14.04	13.89	15.0	0.0	
Channel									
Frequency (MHz)				64.7168	650000	66.4834	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	19	13.78	14.10	13.86	15.0	0.0	
Channel									
Frequency (MHz)				64.7000	650000	66.5000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	12	13.78	14.02	13.88	15.0	0.0	

Part270 n78 PC2&3 Ant2 DSI3 for ENDC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI/2 BPSK	1	1	3750	3750	3750	15.0	0.0	
100	PI/2 BPSK	1	137		13.26				
100	PI/2 BPSK	1	271		13.83				
100	PI/2 BPSK	135	0		13.23		15.0	0.0	
100	PI/2 BPSK	135	69		13.94		15.0	0.0	
100	PI/2 BPSK	135	138		13.78		15.0	0.0	
100	PI/2 BPSK	270	0		13.19				
100	QPSK	1	1		13.12				
100	QPSK	1	137		14.08		15.0	0.0	
100	QPSK	1	271		13.34		15.0	0.0	
100	QPSK	135	0		13.92				
100	QPSK	135	69		13.95				
100	QPSK	135	138		13.81		15.0	0.0	
100	QPSK	270	0		13.88		15.0	0.0	
100	16QAM	1	1		13.84				
100	64QAM	1	1		13.85				
100	256QAM	1	1		13.61		15.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	123	3745.02	3750	3755.01	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	109	3740.01	3750	3760.02	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	QPSK	1	81	3735.01	3750	3765.02	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	QPSK	1	67	3730.01	3750	3770.02	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	QPSK	1	53	3725.01	3750	3775.02	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	QPSK	1	39	3720.01	3750	3780.02	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	26	3715.01	3750	3785.02	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	19	3710.01	3750	3790.02	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	12	3705.01	3750	3795	Tune-up limit (dBm)	MPR (dB)	



Reduced Power Mode for DSI4

n2 Ant0 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	24.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.55	22.71	22.63		
20	PI2 BPSK	1	53	22.65	22.74	22.59	23.5	0.5
20	PI2 BPSK	1	104	22.53	22.70	22.59		
20	PI2 BPSK	50	0	22.21	22.28	22.25		
20	PI2 BPSK	50	28	22.64	22.67	22.56	24.0	0.0
20	PI2 BPSK	50	56	22.19	22.25	22.14	23.5	0.5
20	PI2 BPSK	100	0	22.08	22.23	22.19		
20	QPSK	1	1	22.75	22.77	22.68		
20	QPSK	1	53	22.58	22.70	22.55	24.0	0.0
20	QPSK	1	104	22.51	22.66	22.51		
20	QPSK	50	0	21.60	21.76	21.61		
20	QPSK	50	28	22.63	22.73	22.58	23.0	1.0
20	QPSK	50	56	21.57	21.71	21.61	23.0	1.0
20	QPSK	100	0	21.60	21.69	21.57		
20	16QAM	1	1	21.36	21.47	21.39		
20	64QAM	1	1	19.93	19.99	19.83	21.5	2.5
20	256QAM	1	1	18.22	18.39	18.32	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1821.5	1880	1921.5		
15	QPSK	1	1	22.60	22.61	22.63		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.66	22.64	22.60		
Channel				372500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	22.64	22.65	22.63		

n5 Ant0 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166500	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	838		
20	PI2 BPSK	1	1	22.72	22.87	22.80		
20	PI2 BPSK	1	53	22.79	22.91	22.79	23.5	0.5
20	PI2 BPSK	1	104	22.88	22.95	22.86		
20	PI2 BPSK	50	0	22.22	22.26	22.19		
20	PI2 BPSK	50	28	22.78	22.91	22.86	24.0	0.0
20	PI2 BPSK	50	56	22.36	22.42	22.29	23.5	0.5
20	PI2 BPSK	100	0	22.28	22.38	22.24		
20	QPSK	1	1	22.86	22.98	22.90		
20	QPSK	1	53	22.80	22.92	22.76	24.0	0.0
20	QPSK	1	104	22.90	22.88	22.81		
20	QPSK	50	0	21.77	21.81	21.65		
20	QPSK	50	28	22.82	22.92	22.84	23.0	1.0
20	QPSK	50	56	21.84	21.88	21.72	23.0	1.0
20	QPSK	100	0	21.69	21.83	21.76		
20	16QAM	1	1	21.56	21.61	21.52		
20	64QAM	1	1	20.14	20.22	20.12	21.5	2.5
20	256QAM	1	1	18.51	18.55	18.42	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.78	22.81	22.88		
Channel				165800	167300	166800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.80	22.82	22.74		
Channel				165300	167300	167300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.72	22.83	22.85		

n7 Ant0 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000	24.0	0.0
Frequency (MHz)				2525	2535	2545		
50	PI2 BPSK	1	1	22.91	22.98	22.92		
50	PI2 BPSK	1	135	22.98	23.12	23.05	23.5	0.5
50	PI2 BPSK	1	268	22.80	22.89	22.83		
50	PI2 BPSK	135	0	22.99	22.75	22.62		
50	PI2 BPSK	135	68	23.07	23.15	23.04	24.0	0.0
50	PI2 BPSK	135	135	23.52	22.67	22.54	23.5	0.5
50	PI2 BPSK	270	0	22.69	22.71	22.66		
50	QPSK	1	1	23.67	23.17	23.12		
50	QPSK	1	135	23.36	23.08	22.96	24.0	0.0
50	QPSK	1	268	22.77	22.87	22.80		
50	QPSK	135	0	22.21	22.33	22.20		
50	QPSK	135	68	23.62	23.12	22.99	23.0	1.0
50	QPSK	135	135	22.17	22.30	22.20	23.0	1.0
50	QPSK	270	0	22.24	22.34	22.25		
50	16QAM	1	1	21.67	21.79	21.76		
50	64QAM	1	1	20.29	20.33	20.30	21.5	2.5
50	256QAM	1	1	18.80	18.84	18.77	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.01	23.06	22.85		
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.95	23.04	22.82		
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.99	23.02	22.76		
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	22.97	23.08	22.78		
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.92	23.14	22.85		
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.93	23.14	22.83		
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.97	23.07	22.81		

n66 Ant0 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	22.27	22.41	22.29	24.0	0.0
40	PI2 BPSK	1	108	22.30	22.37	22.26		
40	PI2 BPSK	1	214	22.25	22.29	22.15		
40	PI2 BPSK	108	0	21.65	21.77	21.73	23.5	0.5
40	PI2 BPSK	108	54	22.37	22.45	22.29	24.0	0.0
40	PI2 BPSK	108	108	21.81	21.83	21.76	23.5	0.5
40	PI2 BPSK	216	0	21.70	21.74	21.57		
40	QPSK	1	1	22.43	22.50	22.41		
40	QPSK	1	108	22.47	22.49	22.41	24.0	0.0
40	QPSK	1	214	22.21	22.24	22.17		
40	QPSK	108	0	21.23	21.26	21.18	23.0	1.0
40	QPSK	108	54	22.39	22.50	22.36	24.0	0.0
40	QPSK	108	108	21.30	21.33	21.19	23.0	1.0
40	QPSK	216	0	21.23	21.37	21.25	23.0	1.0
40	16QAM	1	1	21.24	21.36	21.26	23.0	1.0
40	64QAM	1	1	19.77	19.88	19.79	21.5	2.5
40	256QAM	1	1	17.74	17.91	17.88	19.5	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1722	1745	1765	(dBm)	(dB)
30	QPSK	1	1	22.27	22.47	22.29	24.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	22.29	22.43	22.31	24.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	22.25	22.42	22.38	24.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	22.27	22.33	22.27	24.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	22.28	22.41	22.37	24.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	22.27	22.34	22.30	24.0	0.0



n38 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516004	519000	519996	24.0	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	22.39	22.52	22.47			
40	PI/2 BPSK	1	53	22.77	22.90	22.80	24.0	0.0	
40	PI/2 BPSK	1	104	22.35	22.45	22.36			
40	PI/2 BPSK	50	0	22.20	22.30	22.27		23.5	
40	PI/2 BPSK	50	28	22.77	22.91	22.80	24.0	0.0	
40	PI/2 BPSK	50	56	22.34	22.27	22.14	23.5	0.5	
40	PI/2 BPSK	100	0	22.27	22.31	22.21	24.0	0.0	
40	QPSK	1	1	22.57	22.43	22.54			
40	QPSK	1	53	22.86	22.94	22.87			
40	QPSK	1	104	22.40	22.47	22.39	23.0	1.0	
40	QPSK	50	0	21.62	21.76	21.66			
40	QPSK	50	28	22.79	22.67	22.78		24.0	
40	QPSK	80	56	21.70	21.72	21.61	23.0	1.0	
40	QPSK	100	0	21.71	21.77	21.74	23.0	1.0	
40	16QAM	1	1	21.23	21.27	21.16			
40	64QAM	1	1	19.62	19.77	19.70		21.5	
40	256QAM	1	1	18.32	18.43	18.30	19.5	4.5	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99	24.0	0.0	
30	QPSK	1	39	22.86	22.90	22.79	24.0	0.0	
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2592.52	2595	2607.48	24.0	0.0	
25	QPSK	1	32	22.69	22.81	22.68	24.0	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610	24.0	0.0	
20	QPSK	1	26	22.71	22.84	22.67	24.0	0.0	
Channel				515502	519000	524998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49	24.0	0.0	
15	QPSK	1	19	22.68	22.85	22.83	24.0	0.0	
Channel				515004	519000	525998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98	24.0	0.0	
10	QPSK	1	12	22.63	22.86	22.83	24.0	0.0	

n41 PC3 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				502002	518998	520000	24.0	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.29	22.40	22.26			
100	PI/2 BPSK	1	137	22.83	22.97	22.91	24.0	0.0	
100	PI/2 BPSK	1	271	22.27	22.31	22.19			
100	PI/2 BPSK	135	0	22.28	22.42	22.30		23.5	
100	PI/2 BPSK	135	69	22.79	22.95	22.93	24.0	0.0	
100	PI/2 BPSK	135	138	22.16	22.32	22.21	23.5	0.5	
100	PI/2 BPSK	270	0	22.21	22.37	22.21	24.0	0.0	
100	QPSK	1	1	22.21	22.31	22.16			
100	QPSK	1	137	22.97	23.01	22.96			
100	QPSK	1	271	22.22	22.28	22.21	23.0	1.0	
100	QPSK	135	0	21.78	21.90	21.80			
100	QPSK	135	69	22.84	22.99	22.83		24.0	
100	QPSK	135	138	21.65	21.76	21.65	23.0	1.0	
100	QPSK	270	0	21.75	21.85	21.82	23.0	1.0	
100	16QAM	1	1	21.41	21.48	21.45			
100	64QAM	1	1	19.86	19.88	19.73		21.5	
100	256QAM	1	1	18.35	18.38	18.27	19.5	4.5	
Channel				502000	518998	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98	24.0	0.0	
90	QPSK	1	123	22.79	22.84	22.75	24.0	0.0	
Channel				507204	518998	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2538.02	2592.99	2649.99	24.0	0.0	
80	QPSK	1	109	22.81	22.98	22.90	24.0	0.0	
Channel				505000	518998	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2528	2592.99	2659.98	24.0	0.0	
60	QPSK	1	81	22.89	22.89	22.72	24.0	0.0	
Channel				504204	518998	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.09	2592.99	2664.99	24.0	0.0	
50	QPSK	1	67	22.94	22.87	22.85	24.0	0.0	
Channel				503202	518998	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670	24.0	0.0	
40	QPSK	1	53	22.80	22.94	22.76	24.0	0.0	
Channel				502200	518998	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98	24.0	0.0	
30	QPSK	1	39	22.84	22.92	22.86	24.0	0.0	
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.02	2592.99	2679.99	24.0	0.0	
20	QPSK	1	26	22.76	22.67	22.64	24.0	0.0	
Channel				500700	518998	536498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48	24.0	0.0	
15	QPSK	1	19	22.87	22.89	22.87	24.0	0.0	
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2491.01	2592.99	2685	24.0	0.0	
10	QPSK	1	12	22.74	22.97	22.77	24.0	0.0	



n2 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	23.0	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	22.18	22.20	22.06			
20	PI2 BPSK	1	53	22.10	22.23	22.07			
20	PI2 BPSK	1	104	22.12	22.26	22.15	22.5	0.5	
20	PI2 BPSK	50	0	21.60	21.69	21.57			
20	PI2 BPSK	50	28	22.11	22.25	22.20	23.0	0.0	
20	PI2 BPSK	50	56	21.78	21.84	21.77			
20	PI2 BPSK	100	0	21.74	21.78	21.63	22.5	0.5	
20	QPSK	1	1	22.23	22.30	22.20			
20	QPSK	1	53	22.15	22.25	22.19	23.0	0.0	
20	QPSK	1	104	22.08	22.11	22.03			
20	QPSK	50	0	21.11	21.21	21.13	22.0	1.0	
20	QPSK	50	28	22.14	22.26	22.15			
20	QPSK	50	56	21.30	21.34	21.27	22.0	1.0	
20	QPSK	100	0	21.20	21.27	21.13			
20	16QAM	1	1	21.13	21.19	21.09	22.0	1.0	
20	64QAM	1	1	19.76	19.82	19.72		20.5	
20	256QAM	1	1	17.84	17.91	17.75	18.5	4.5	
Channel				371500	376000	380500			
Frequency (MHz)				1867.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	22.21	22.24	22.15	23.0	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1905	1907	1905	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	22.13	22.14	22.06	23.0	0.0	
Channel				375500	376000	381500			
Frequency (MHz)				1862.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	22.15	22.25	22.04	23.0	0.0	
Channel									

n5 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800	24.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	23.30	23.37	23.24			
20	PI2 BPSK	1	53	23.30	23.42	23.40			
20	PI2 BPSK	1	104	23.24	23.39	23.27	23.5	0.5	
20	PI2 BPSK	50	0	22.68	22.84	22.80			
20	PI2 BPSK	50	28	23.30	23.40	23.34	24.0	0.0	
20	PI2 BPSK	50	56	22.77	22.90	22.78			
20	PI2 BPSK	100	0	22.77	22.88	22.73	23.5	0.5	
20	QPSK	1	1	23.33	23.45	23.37			
20	QPSK	1	53	23.32	23.39	23.27	24.0	0.0	
20	QPSK	1	104	23.14	23.30	23.26			
20	QPSK	50	0	22.32	22.34	22.31	23.0	1.0	
20	QPSK	50	28	23.36	23.41	23.33			
20	QPSK	50	56	22.26	22.39	22.33	23.0	1.0	
20	QPSK	100	0	22.17	22.31	22.23			
20	16QAM	1	1	22.14	22.16	22.02	23.0	1.0	
20	64QAM	1	1	20.55	20.64	20.51		21.5	
20	256QAM	1	1	18.12	18.15	18.10	19.5	4.5	
Channel				166300	167300	167800			
Frequency (MHz)				831.5	836.5	841.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	23.27	23.40	23.24	24.0	0.0	
Channel				166800	167300	168800			
Frequency (MHz)				820	836.5	844	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	23.30	23.39	23.21	24.0	0.0	
Channel				165300	167300	169300			
Frequency (MHz)				826.5	836.5	846.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	23.18	23.31	23.26	24.0	0.0	
Channel									

n7 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000	24.0	0.0	
Frequency (MHz)				2525	2535	2545			
50	PI2 BPSK	1	1	23.40	23.45	23.34			
50	PI2 BPSK	1	135	23.35	23.39	23.35			
50	PI2 BPSK	1	268	23.15	23.31	23.28	23.5	0.5	
50	PI2 BPSK	135	0	22.83	23.00	22.93			
50	PI2 BPSK	135	68	23.29	23.43	23.31	24.0	0.0	
50	PI2 BPSK	135	135	22.84	22.94	22.79			
50	PI2 BPSK	270	0	22.80	22.96	22.90	23.5	0.5	
50	QPSK	1	1	23.44	23.47	23.42			
50	QPSK	1	135	23.40	23.43	23.34	24.0	0.0	
50	QPSK	1	268	23.21	23.34	23.29			
50	QPSK	135	0	22.58	22.68	22.65	23.0	1.0	
50	QPSK	135	68	23.32	23.43	23.35			
50	QPSK	135	135	22.36	22.54	22.46	23.0	1.0	
50	QPSK	270	0	22.57	22.62	22.51			
50	16QAM	1	1	22.23	22.34	22.29	23.0	1.0	
50	64QAM	1	1	20.75	20.91	20.79		21.5	
50	256QAM	1	1	18.99	19.16	19.08	19.5	4.5	
Channel				504500	507000	510000			
Frequency (MHz)				2520	2535	2550	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	22.98	23.23	23.17	24.0	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	23.11	23.14	23.10	24.0	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	23.07	23.14	23.17	24.0	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560	Tune-up limit (dBm)	MPR (dB)	
20	PI2 BPSK	1	1	22.99	23.23	23.06	24.0	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	23.06	23.24	23.11	24.0	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	23.08	23.13	23.16	24.0	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	23.10	23.10	23.20	24.0	0.0	
Channel									

n66 Ant1 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq 346000	Power Middle Ch / Freq 349000	Power High Ch / Freq 352000	Tune-up limit (dBm)	MPR (dB)
Channel				1730	1745	1760	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	Pl2 BPSK	1	1	22.73	22.78	22.86		
40	Pl2 BPSK	1	108	22.70	22.86	22.74		
40	Pl2 BPSK	1	214	22.47	22.82	22.55	23.5	0.5
40	Pl2 BPSK	108	0	22.26	22.34	22.26		
40	Pl2 BPSK	108	54	22.68	22.83	22.71		
40	Pl2 BPSK	108	108	22.15	22.21	22.11		
40	Pl2 BPSK	216	0	22.26	22.28	22.17	24.0	0.0
40	QPSK	1	1	22.72	22.80	22.81		
40	QPSK	1	108	22.75	22.81	22.70		
40	QPSK	1	214	22.60	22.69	22.55		
40	QPSK	108	0	21.68	21.84	21.71	23.0	1.0
40	QPSK	108	54	22.76	22.81	22.70	24.0	0.0
40	QPSK	108	108	21.67	21.89	21.85	23.0	1.0
40	QPSK	216	0	21.75	21.77	21.72		
40	16QAM	1	1	21.48	21.56	21.45	23.0	1.0
40	64QAM	1	1	20.04	20.11	20.01	21.5	2.5
40	256QAM	1	1	18.28	18.38	18.32	19.5	4.5
Channel				343000	345000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.58	22.76	22.69		
Channel				344500	349000	353500		
Frequency (MHz)				1722.5	1745	1767.5	24.0	0.0
25	QPSK	1	1	22.62	22.75	22.75		
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.57	22.86	22.65	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1721.5	1745	1772.5		
15	QPSK	1	1	22.61	22.80	22.78		
Channel				343000	349000	355000		
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	22.63	22.78	22.70		
Channel				342500	349000	355500		
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.67	22.76	22.71	24.0	0.0

n38 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516004	519000	519996	23.0	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	22.03	22.08	22.05	23.0	0.0	
40	PI/2 BPSK	1	53	22.37	22.36	22.34			
40	PI/2 BPSK	1	104	21.94	21.96	21.90			
40	PI/2 BPSK	50	0	21.66	21.80	21.76			
40	PI/2 BPSK	50	28	22.26	22.36	22.20	23.0	0.0	
40	PI/2 BPSK	50	56	21.76	21.84	21.74	22.5	0.5	
40	PI/2 BPSK	100	0	21.73	21.82	21.73	23.0	0.0	
40	QPSK	1	1	21.96	22.02	21.91			
40	QPSK	1	53	22.36	22.39	22.36			
40	QPSK	1	104	21.91	21.95	21.89			
40	QPSK	50	0	21.26	21.31	21.16	22.0	1.0	
40	QPSK	50	28	22.33	22.37	22.21	23.0	0.0	
40	QPSK	80	56	21.25	21.36	21.32	22.0	1.0	
40	QPSK	100	0	21.16	21.31	21.27	22.0	1.0	
40	16QAM	1	1	20.75	20.86	20.70			
40	64QAM	1	1	19.28	19.31	19.23			
40	256QAM	1	1	17.81	17.82	17.82			
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99	23.0	0.0	
30	QPSK	1	39	22.25	22.40	22.32	23.0	0.0	
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2592.52	2595	2607.48	23.0	0.0	
25	QPSK	1	32	22.30	22.35	22.29	23.0	0.0	
Channel				516000	519000	520000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610	23.0	0.0	
20	QPSK	1	26	22.30	22.39	22.34	23.0	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49	23.0	0.0	
15	QPSK	1	19	22.33	22.32	22.29	23.0	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98	23.0	0.0	
10	QPSK	1	12	22.28	22.36	22.30	23.0	0.0	

n41 PC3 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				502002	518998	520000	23.0	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	21.50	21.59	21.49	23.0	0.0	
100	PI/2 BPSK	1	137	22.24	22.36	22.31			
100	PI/2 BPSK	1	271	21.15	21.29	21.20			
100	PI/2 BPSK	135	0	21.76	21.82	21.65			
100	PI/2 BPSK	135	69	22.31	22.39	22.27	23.0	0.0	
100	PI/2 BPSK	135	138	21.63	21.67	21.60	22.5	0.5	
100	PI/2 BPSK	270	0	21.63	21.70	21.60	23.0	0.0	
100	QPSK	1	1	21.36	21.49	21.33			
100	QPSK	1	137	22.32	22.41	22.23			
100	QPSK	1	271	21.20	21.31	21.21			
100	QPSK	135	0	21.21	21.27	21.11	22.0	1.0	
100	QPSK	135	69	22.24	22.40	22.23	23.0	0.0	
100	QPSK	135	138	21.14	21.17	21.09	22.0	1.0	
100	QPSK	270	0	21.18	21.24	21.18	22.0	1.0	
100	16QAM	1	1	20.64	20.68	20.65			
100	64QAM	1	1	19.26	19.29	19.27			
100	256QAM	1	1	17.69	17.81	17.69			
Channel				502000	518998	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98	23.0	0.0	
90	QPSK	1	123	22.15	22.24	22.04	23.0	0.0	
Channel				507204	518998	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99	23.0	0.0	
80	QPSK	1	109	22.10	22.23	22.09	23.0	0.0	
Channel				505200	518998	521998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98	23.0	0.0	
60	QPSK	1	81	22.23	22.27	22.13	23.0	0.0	
Channel				504204	518998	522998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511.01	2592.99	2644.99	23.0	0.0	
50	QPSK	1	67	22.14	22.20	22.10	23.0	0.0	
Channel				503202	518998	524000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670	23.0	0.0	
40	QPSK	1	53	22.17	22.27	22.11	23.0	0.0	
Channel				502200	518998	524998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98	23.0	0.0	
30	QPSK	1	39	22.15	22.19	22.05	23.0	0.0	
Channel				501204	518998	525998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.02	2592.99	2674.99	23.0	0.0	
20	QPSK	1	26	22.24	22.28	22.13	23.0	0.0	
Channel				500700	518998	526498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48	23.0	0.0	
15	QPSK	1	19	22.14	22.22	22.06	23.0	0.0	
Channel				500202	518998	527000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2491.01	2592.99	2685	23.0	0.0	
10	QPSK	1	12	22.11	22.32	22.08	23.0	0.0	



Part270 n77 PC3 Ant2 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3840	3930			
100	PV2 BPSK	1	1	22.15	22.14	22.18			
100	PV2 BPSK	1	137	22.74	22.96	22.85			
100	PV2 BPSK	1	271	22.09	22.25	22.13			
100	PV2 BPSK	135	0	22.64	22.77	22.63	24.0	0.0	
100	PV2 BPSK	135	69	22.83	22.90	22.80	24.0	0.0	
100	PV2 BPSK	135	138	22.53	22.69	22.71			
100	PV2 BPSK	270	0	22.59	22.75	22.55			
100	QPSK	1	1	22.09	22.16	22.01			
100	QPSK	1	137	22.84	22.97	22.88	24.0	0.0	
100	QPSK	1	271	22.24	22.27	22.22			
100	QPSK	135	0	22.60	22.78	22.60	24.0	0.0	
100	QPSK	135	69	22.84	22.94	22.81			
100	QPSK	135	138	22.71	22.72	22.68	24.0	0.0	
100	QPSK	270	0	22.59	22.77	22.54			
100	16QAM	1	1	22.11	22.25	22.17	24.0	0.0	
100	64QAM	1	1	22.19	22.21	22.10	24.0	0.0	
100	256QAM	1	1	20.92	21.04	20.94	22.5	1.5	
Channel				648000	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	123	22.80	22.88	22.83	24.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	109	22.76	22.89	22.77	24.0	0.0	
Channel				648668	650000	653334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	81	22.81	22.87	22.83	24.0	0.0	
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	67	22.73	22.88	22.81	24.0	0.0	
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	53	22.76	22.89	22.78	24.0	0.0	
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	39	22.80	22.95	22.85	24.0	0.0	
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	26	22.79	22.86	22.82	24.0	0.0	
Channel				647168	650000	654834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	19	22.73	22.89	22.85	24.0	0.0	
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	12	22.68	22.91	22.80	24.0	0.0	

Part270 n77 PC2 Ant2 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3840	3930			
100	PV2 BPSK	1	1	25.25	25.24	25.16			
100	PV2 BPSK	1	137	25.65	25.68	25.55	27.0	0.0	
100	PV2 BPSK	1	271	25.12	25.35	25.15			
100	PV2 BPSK	135	0	25.09	25.25	25.19	26.5	0.5	
100	PV2 BPSK	135	69	25.68	25.83	25.73	27.0	0.0	
100	PV2 BPSK	135	138	25.09	25.18	25.10	26.5	0.5	
100	PV2 BPSK	270	0	25.15	25.30	25.05			
100	QPSK	1	1	25.16	25.28	25.20			
100	QPSK	1	137	25.82	25.91	25.79	27.0	0.0	
100	QPSK	1	271	25.15	25.21	25.07			
100	QPSK	135	0	24.63	24.79	24.70	26.0	1.0	
100	QPSK	135	69	25.75	25.90	25.80	27.0	0.0	
100	QPSK	135	138	24.80	24.86	24.86	26.0	1.0	
100	QPSK	270	0	24.57	24.71	24.64			
100	16QAM	1	1	24.17	24.26	24.11	26.0	1.0	
100	64QAM	1	1	22.60	22.71	22.68	24.5	2.5	
100	256QAM	1	1	21.06	21.09	20.96	22.5	4.5	
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	123	25.77	25.78	25.64	27.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	109	25.70	25.87	25.71	27.0	0.0	
Channel				648668	650000	653334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	81	25.67	25.88	25.74	27.0	0.0	
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	67	25.72	25.80	25.76	27.0	0.0	
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	53	25.74	25.83	25.75	27.0	0.0	
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	39	25.79	25.78	25.63	27.0	0.0	
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	26	25.73	25.68	25.70	27.0	0.0	
Channel				647168	650000	654834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	19	25.76	25.87	25.68	27.0	0.0	
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	12	25.71	25.77	25.70	27.0	0.0	

Part270 n78 PC3 Ant2 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PV2 BPSK	1	1		22.17				
100	PV2 BPSK	1	137		22.85		24.0	0.0	
100	PV2 BPSK	1	271		22.58				
100	PV2 BPSK	135	0		22.63		24.0	0.0	
100	PV2 BPSK	135	69		22.82		24.0	0.0	
100	PV2 BPSK	135	138		22.85		24.0	0.0	
100	PV2 BPSK	270	0		22.78				
100	QPSK	1	1		22.22				
100	QPSK	1	137		22.62		24.0	0.0	
100	QPSK	1	271		22.58				
100	QPSK	135	0		22.76		24.0	0.0	
100	QPSK	135	69		22.89		24.0	0.0	
100	QPSK	135	138		22.81		24.0	0.0	
100	QPSK	270	0		22.77				
100	16QAM	1	1		22.19		24.0	0.0	
100	64QAM	1	1		22.15		24.0	0.0	
100	256QAM	1	1		21.11		22.5	1.5	
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123	22.87	22.84	22.81	24.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	109	22.74	22.87	22.80	24.0	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.02	3750	3760.01			
60	QPSK	1	81	22.77	22.82	22.87	24.0	0.0	
Channel				649334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735.01	3750	3775.02			
50	QPSK	1	67	22.75	22.86	22.85	24.0	0.0	
Channel				649000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730	3750	3790			
40	QPSK	1	53	22.72	22.85	22.86	24.0	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02 <td>3750</td> <td>3785.01</td> <th></th> <th colspan="2"></th>	3750	3785.01			
30	QPSK	1	39	22.87	22.72	22.85	24.0	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01 <td>3750</td> <th>3790.02</th> <th></th> <th colspan="2"></th>	3750	3790.02			
20	QPSK	1	26	22.77	22.87	22.75	24.0	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52 <td>3750</td> <th>3792.51</th> <th></th> <th colspan="2"></th>	3750	3792.51			
15	QPSK	1	19	22.77	22.75	22.87	24.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705 <td>3750</td> <th>3795<th></th><th colspan="2"></th></th>	3750	3795 <th></th> <th colspan="2"></th>			
10	QPSK	1	12	22.84	22.78	22.82	24.0	0.0	

Part270 n78 PC2 Ant2 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq 650000	Power Middle Ch / Freq 650000	Power High Ch / Freq 650000	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3750	3750	27.0	0.0	
Frequency (MHz)									
100	PI/2 BPSK	1	1		25.21				
100	PI/2 BPSK	1	137		25.82				
100	PI/2 BPSK	1	271		25.43		28.5	0.5	
100	PI/2 BPSK	135	0		25.21				
100	PI/2 BPSK	135	69		25.79				
100	PI/2 BPSK	135	138		25.47				
100	PI/2 BPSK	270	0		25.30		27.0	0.0	
100	QPSK	1	1		25.25				
100	QPSK	1	137		25.88				
100	QPSK	1	271		25.83				
100	QPSK	135	0		24.67		28.0	1.0	
100	QPSK	135	69		25.83				
100	QPSK	135	138		24.92				
100	QPSK	270	0		24.82				
100	16QAM	1	1		24.19		26.0	1.0	
100	64QAM	1	1		22.83				
100	256QAM	1	1		21.18				
100	256QAM	1	1				22.5	4.5	
Channel				648668	650000	650334	27.0	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123	25.77	25.85	25.73			
Channel				649334	650000	650668	27.0	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	109	25.72	25.75	25.83		27.0	
Channel				648668	650000	651334	27.0	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	81	25.76	25.78	25.74		27.0	
Channel				649334	650000	651668	27.0	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	67	25.71	25.73	25.81		27.0	
Channel				648000	650000	652000	27.0	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	53	25.78	25.82	25.78		27.0	
Channel				647334	650000	652334	27.0	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	39	25.75	25.80	25.79		27.0	
Channel				647334	650000	652668	27.0	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	28	25.89	25.77	25.72		27.0	
Channel				647168	650000	652334	27.0	MPR (dB)	
Frequency (MHz)				3707.82	3750	3792.51			
15	QPSK	1	19	25.73	25.86	25.83		27.0	
Channel				647000	650000	653000	27.0	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	12	25.77	25.84	25.73		27.0	



Part270 n77 PC3 Ant4 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3840	3930			
100	PV2 BPSK	1	1	19.35	19.37	19.29	21.0	0.0	
100	PV2 BPSK	1	137	20.04	20.07	20.00			
100	PV2 BPSK	1	271	19.55	19.71	19.69			
100	PV2 BPSK	135	0	19.87	20.02	19.95			
100	PV2 BPSK	135	69	20.12	20.15	20.03	21.0	0.0	
100	PV2 BPSK	135	138	20.03	20.08	19.92	21.0	0.0	
100	PV2 BPSK	270	0	19.78	19.93	19.79	21.0	0.0	
100	QPSK	1	1	19.49	19.59	19.42			
100	QPSK	1	137	20.02	20.25	19.98			
100	QPSK	1	271	19.47	19.53	19.51			
100	QPSK	135	0	19.82	19.88	19.80	21.0	0.0	
100	QPSK	135	69	20.09	20.21	20.00	21.0	0.0	
100	QPSK	135	138	19.82	19.89	19.77	21.0	0.0	
100	QPSK	270	0	20.02	20.05	19.93	21.0	0.0	
100	16QAM	1	1	20.00	20.12	20.02			
100	64QAM	1	1	20.04	20.16	20.01			
100	256QAM	1	1	18.73	18.77	18.65			
Channel				646968	650000	663334	Tune-up limit (dBm) MPR (dB)		
90	QPSK	1	123	19.97	20.23	19.90	21.0	0.0	
Channel				649334	650000	660668	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3740.01	3840	3940.02	(dBm)		
80	QPSK	1	109	19.54	20.17	19.69	21.0	0.0	
Channel				646968	650000	663334	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3730.02	3840	3950.01	(dBm)		
60	QPSK	1	81	19.87	20.23	19.92	21.0	0.0	
Channel				648334	650000	663668	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3725.01	3840	3955.02	(dBm)		
50	QPSK	1	67	19.85	20.11	19.84	21.0	0.0	
Channel				648000	650000	664000	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3720	3840	3960	(dBm)		
40	QPSK	1	53	19.89	20.16	19.84	21.0	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3715.02	3840	3965.01	(dBm)		
30	QPSK	1	39	19.92	20.16	19.81	21.0	0.0	
Channel				647334	650000	664668	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3710.01	3840	3970.02	(dBm)		
20	QPSK	1	26	19.96	20.23	19.95	21.0	0.0	
Channel				647168	650000	664834	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3707.52	3840	3972.51	(dBm)		
15	QPSK	1	19	19.95	20.12	19.87	21.0	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				3705	3840	3975	(dBm)		
10	QPSK	1	12	19.87	20.15	19.94	21.0	0.0	

Part270 n77 PC2 Ant4 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3840	3930			
100	PV2 BPSK	1	1	22.24	22.33	22.26	24.0		0.0
100	PV2 BPSK	1	137	22.97	23.04	23.02			
100	PV2 BPSK	1	271	22.50	22.66	22.52			
100	PV2 BPSK	135	0	22.50	22.53	22.47			
100	PV2 BPSK	135	69	23.16	23.20	23.03	24.0		0.0
100	PV2 BPSK	135	138	22.62	22.67	22.57	23.5		0.5
100	PV2 BPSK	270	0	22.39	22.47	22.32	24.0		
100	QPSK	1	1	22.46	22.55	22.40			
100	QPSK	1	137	23.27	23.33	23.18			
100	QPSK	1	271	22.51	22.68	22.53			
100	QPSK	135	0	21.70	21.84	21.77	23.0		1.0
100	QPSK	135	69	23.13	23.21	22.99	24.0		
100	QPSK	135	138	21.85	21.94	21.80	23.0		1.0
100	QPSK	270	0	22.00	22.09	21.91	23.0		
100	16QAM	1	1	21.39	21.56	21.44			
100	64QAM	1	1	20.23	20.32	20.23			
100	256QAM	1	1	18.72	18.81	18.70			
Channel				646968	650000	652334	Tune-up limit (dBm)		
90	QPSK	1	123	23.02	3840	3935.01	24.0		0.0
Channel				649334	650000	650668	Tune-up limit (dBm)		
Frequency (MHz)				3740.01	3840	3940.02	(dBm)		
80	QPSK	1	109	23.24	23.28	23.09	24.0		0.0
Channel				646968	650000	653334	Tune-up limit (dBm)		
Frequency (MHz)				3730.02	3840	3950.01	(dBm)		
60	QPSK	1	81	23.16	23.21	23.05	24.0		0.0
Channel				648334	650000	653668	Tune-up limit (dBm)		
Frequency (MHz)				3725.01	3840	3955.02	(dBm)		
50	QPSK	1	67	23.20	23.22	23.09	24.0		0.0
Channel				648000	650000	654000	Tune-up limit (dBm)		
Frequency (MHz)				3720	3840	3960	(dBm)		
40	QPSK	1	53	23.14	23.21	23.09	24.0		0.0
Channel				647668	650000	654334	Tune-up limit (dBm)		
Frequency (MHz)				3715.02	3840	3965.01	(dBm)		
30	QPSK	1	39	23.21	23.28	23.16	24.0		0.0
Channel				647334	650000	654668	Tune-up limit (dBm)		
Frequency (MHz)				3710.01	3840	3970.02	(dBm)		
20	QPSK	1	26	23.18	23.27	23.02	24.0		0.0
Channel				647168	650000	654834	Tune-up limit (dBm)		
Frequency (MHz)				3707.52	3840	3972.51	(dBm)		
15	QPSK	1	19	23.17	23.21	23.10	24.0		0.0
Channel				647000	650000	655000	Tune-up limit (dBm)		
Frequency (MHz)				3705	3840	3975	(dBm)		
10	QPSK	1	12	23.24	23.25	23.06	24.0		0.0

Part270 n78 PC3 Ant4 Default											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				3750	3750	3750					
100	PV2 BPSK	1	1		23.16		25.0	0.0			
100	PV2 BPSK	1	137		23.99						
100	PV2 BPSK	1	271		23.50						
100	PV2 BPSK	135	0		23.74						
100	PV2 BPSK	135	69		24.03		25.0	0.0			
100	PV2 BPSK	135	138		23.79		25.0	0.0			
100	PV2 BPSK	270	0		23.76		25.0	0.0			
100	QPSK	1	1		23.34						
100	QPSK	1	137		24.05						
100	QPSK	1	271		23.40						
100	QPSK	135	0		23.83		25.0	0.0			
100	QPSK	135	69		24.04		25.0	0.0			
100	QPSK	135	138		23.72		25.0	0.0			
100	QPSK	270	0		23.88		25.0	0.0			
100	16QAM	1	1		23.23						
100	64QAM	1	1		23.18						
100	256QAM	1	1		21.98						
Channel				646968	650000	650334	Tune-up limit (dBm)				
Frequency (MHz)				3745.02	3750	3755.01	(dBm)				
90	QPSK	1	123	24.01	23.93	24.02	25.0	0.0			
Channel				649334	650000	650968	Tune-up limit (dBm)				
Frequency (MHz)				3740.01	3750	3760.02	(dBm)				
80	QPSK	1	109	23.93	23.99	24.00	25.0	0.0			
Channel				646968	650000	651334	Tune-up limit (dBm)				
Frequency (MHz)				3730.02	3750	3770.01	(dBm)				
60	QPSK	1	81	23.98	23.98	23.94	25.0	0.0			
Channel				648334	650000	651968	Tune-up limit (dBm)				
Frequency (MHz)				3725.01	3750	3775.02	(dBm)				
50	QPSK	1	67	24.02	23.99	24.03	25.0	0.0			
Channel				648000	650000	652000	Tune-up limit (dBm)				
Frequency (MHz)				3720	3750	3780	(dBm)				
40	QPSK	1	53	23.98	23.93	23.94	25.0	0.0			
Channel				647688	650000	652334	Tune-up limit (dBm)				
Frequency (MHz)				3715.02	3750	3785.01	(dBm)				
30	QPSK	1	39	24.00	23.94	23.88	25.0	0.0			
Channel				647334	650000	652668	Tune-up limit (dBm)				
Frequency (MHz)				3710.01	3750	3792.02	(dBm)				
20	QPSK	1	26	23.92	23.92	23.95	25.0	0.0			
Channel				647168	650000	652834	Tune-up limit (dBm)				
Frequency (MHz)				3707.52	3750	3792.51	(dBm)				
15	QPSK	1	19	23.98	23.89	23.98	25.0	0.0			
Channel				647000	650000	653000	Tune-up limit (dBm)				
Frequency (MHz)				3705	3750	3795	(dBm)				
10	QPSK	1	12	24.02	24.00	23.91	25.0	0.0			

Part270 n78 PC2 Ant4 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI2 BPSK	1	1		24.23				
100	PI2 BPSK	1	137		24.99		26.0	0.0	
100	PI2 BPSK	1	271		24.37				
100	PI2 BPSK	135	0		24.26		25.5	0.5	
100	PI2 BPSK	135	69		25.04		26.0	0.0	
100	PI2 BPSK	135	138		24.44		25.5	0.5	
100	PI2 BPSK	270	0		24.37				
100	QPSK	1	1		24.35				
100	QPSK	1	137		25.20		26.0	0.0	
100	QPSK	1	271		24.54				
100	QPSK	135	0		23.66		25.0	1.0	
100	QPSK	135	69		25.15		26.0	0.0	
100	QPSK	135	138		23.83				
100	QPSK	270	0		23.99		25.0	1.0	
100	16QAM	1	1		23.24		25.0	1.0	
100	64QAM	1	1		21.83		23.5	2.5	
100	256QAM	1	1		20.20		21.5	4.5	
Channel				649668	650000	650334			
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123	25.09	25.14	25.04	26.0	0.0	
Channel				649334	650000	650668			
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	109	25.04	25.14	25.04	26.0	0.0	
Channel				648668	650000	651334			
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	81	25.07	25.08	25.05	26.0	0.0	
Channel				648334	650000	651668			
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	67	25.15	25.18	25.18	26.0	0.0	
Channel				648000	650000	652000			
Frequency (MHz)				3720	3750	3760			
40	QPSK	1	53	25.09	25.16	25.07	26.0	0.0	
Channel				647668	650000	652334			
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	39	25.13	25.11	25.09	26.0	0.0	
Channel				647334	650000	652668			
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	26	25.16	25.10	25.17	26.0	0.0	
Channel				647168	650000	652834			
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	19	25.14	25.18	25.17	26.0	0.0	
Channel				647000	650000	653000			
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	12	25.13	25.08	25.12	26.0	0.0	



Part270 n77 PC3 Ant5 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	18.54	18.59	18.51	20.5	0.0	
100	PI2 BPSK	1	137	19.15	19.23	19.07			
100	PI2 BPSK	1	271	18.70	18.86	18.83			
100	PI2 BPSK	135	0	19.03	19.13	19.00	20.5	0.0	
100	PI2 BPSK	135	69	19.30	19.36	19.24	20.5	0.0	
100	PI2 BPSK	135	138	19.07	19.16	19.00	20.5	0.0	
100	PI2 BPSK	270	0	19.02	19.06	18.99	20.5	0.0	
100	QPSK	1	1	18.65	18.69	18.61			
100	QPSK	1	137	19.29	19.44	19.20			
100	QPSK	1	271	18.57	18.73	18.61	20.5	0.0	
100	QPSK	135	0	19.05	19.08	18.99	20.5	0.0	
100	QPSK	135	69	19.25	19.29	19.20	20.5	0.0	
100	QPSK	135	138	18.88	18.95	18.83	20.5	0.0	
100	QPSK	270	0	19.16	19.23	19.14			
100	16QAM	1	1	18.58	18.63	18.55			
100	64QAM	1	1	18.53	18.58	18.54	20.5	0.0	
100	256QAM	1	1	17.38	17.40	17.33	19.0	1.5	
Channel				648668	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	123	19.18	19.33	19.17	20.5	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	109	19.21	19.29	19.14	20.5	0.0	
Channel				648668	650000	653334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	81	19.23	19.38	19.15	20.5	0.0	
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	67	19.19	19.41	19.18	20.5	0.0	
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	53	19.16	19.34	19.05	20.5	0.0	
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	39	19.23	19.35	19.12	20.5	0.0	
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	26	19.12	19.31	19.17	20.5	0.0	
Channel				647168	650000	654834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	19	19.15	19.37	19.15	20.5	0.0	
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	12	19.19	19.35	19.13	20.5	0.0	

Part270 n77 PC2 Ant5 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	21.64	21.55	21.64	23.5	0.0	
100	PI2 BPSK	1	137	22.09	22.23	22.21			
100	PI2 BPSK	1	271	21.76	21.90	21.78			
100	PI2 BPSK	135	0	21.58	21.62	21.48	23.0	0.5	
100	PI2 BPSK	135	69	22.28	22.36	22.24	23.5	0.0	
100	PI2 BPSK	135	138	21.78	21.81	21.71	23.0	0.5	
100	PI2 BPSK	270	0	21.41	21.58	21.59	23.5	0.0	
100	QPSK	1	1	21.58	21.66	21.67			
100	QPSK	1	137	22.30	22.45	22.22			
100	QPSK	1	271	21.70	21.84	21.77	23.5	0.0	
100	QPSK	135	0	20.93	20.97	20.91	22.5	1.0	
100	QPSK	135	69	22.27	22.39	22.21	23.5	0.0	
100	QPSK	135	138	21.00	21.14	21.00	22.5	1.0	
100	QPSK	270	0	21.08	21.24	21.11	22.5	1.0	
100	16QAM	1	1	20.51	20.54	20.64			
100	64QAM	1	1	19.12	19.02	19.10			
100	256QAM	1	1	17.35	17.39	17.33			
Channel				648668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	123	22.15	22.37	22.18	23.5	0.0	
Channel				649334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	109	22.26	22.38	22.12	23.5	0.0	
Channel				648668	650000	653334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	81	22.23	22.29	22.12	23.5	0.0	
Channel				648334	650000	653668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	67	22.21	22.30	22.12	23.5	0.0	
Channel				648000	650000	654000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	53	22.25	22.35	22.05	23.5	0.0	
Channel				647668	650000	654334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	39	22.20	22.43	22.14	23.5	0.0	
Channel				647334	650000	654668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	26	22.27	22.40	22.10	23.5	0.0	
Channel				647168	650000	654834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	19	22.27	22.35	22.10	23.5	0.0	
Channel				647000	650000	655000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	12	22.24	22.41	22.18	23.5	0.0	

Part270 n78 PC3 Ant5 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI2 BPSK	1	1		22.53		24.5	0.0	
100	PI2 BPSK	1	137		23.28				
100	PI2 BPSK	1	271		22.87				
100	PI2 BPSK	135	0		23.06				
100	PI2 BPSK	135	69		23.33		24.5	0.0	
100	PI2 BPSK	135	138		23.16		24.5	0.0	
100	PI2 BPSK	270	0		22.93		24.5	0.0	
100	QPSK	1	1		22.61				
100	QPSK	1	137		23.36				
100	QPSK	1	271		22.62				
100	QPSK	135	0		23.05		24.5	0.0	
100	QPSK	135	69		23.30		24.5	0.0	
100	QPSK	135	138		23.03		24.5	0.0	
100	QPSK	270	0		23.21		24.5	0.0	
100	16QAM	1	1		22.61				
100	64QAM	1	1		22.53				
100	256QAM	1	1		21.33				
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123	23.26	23.20	23.31	24.5	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	109	23.24	23.25	23.20	24.5	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	81	23.32	23.24	23.25	24.5	0.0	
Channel				649334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3726.01	3750	3775.02			
50	QPSK	1	67	23.26	23.33	23.27	24.5	0.0	
Channel				649000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	53	23.29	23.26	23.25	24.5	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	39	23.26	23.29	23.31	24.5	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	26	23.19	23.30	23.30	24.5	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	19	23.28	23.22	23.21	24.5	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705 <td>3750</td> <td>3795</td> <th colspan="3"></th>	3750	3795			
10	QPSK	1	12	23.25	23.25	23.24	24.5	0.0	

Part270 n77 PC2&3 Ant7 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	650000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.14	20.27	20.15	22.0	0.0
100	PI/2 BPSK	1	137	20.84	20.98	20.73		
100	PI/2 BPSK	1	271	20.22	20.14	20.13		
100	PI/2 BPSK	135	0	20.08	20.30	20.11		
100	PI/2 BPSK	135	69	20.85	21.04	20.73	22.0	0.0
100	PI/2 BPSK	135	138	20.22	20.22	20.20	22.0	0.0
100	PI/2 BPSK	270	0	20.20	20.23	20.12	22.0	0.0
100	QPSK	1	1	20.19	20.32	20.02		
100	QPSK	1	137	20.91	21.10	20.77		
100	QPSK	1	271	20.26	20.28	20.23		
100	QPSK	135	0	20.14	20.25	20.11	22.0	0.0
100	QPSK	135	69	20.80	20.99	20.63	22.0	0.0
100	QPSK	135	138	20.21	20.21	20.19	22.0	0.0
100	QPSK	270	0	20.90	20.94	20.72	22.0	0.0
100	16QAM	1	1	20.88	20.88	20.72		
100	64QAM	1	1	20.79	20.93	20.77		
100	256QAM	1	1	20.87	20.89	20.77		
Channel				649968	650000	650034	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01	22.0	0.0
90	QPSK	1	123	20.88	20.88	20.76	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3740	3940.02	22.0	0.0
80	QPSK	1	109	20.89	20.93	20.73	22.0	0.0
Channel				648968	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3960.01	22.0	0.0
60	QPSK	1	81	20.84	20.90	20.72	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02	22.0	0.0
50	QPSK	1	67	20.90	20.95	20.82	22.0	0.0
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	22.0	0.0
40	QPSK	1	53	20.91	20.99	20.72	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01	22.0	0.0
30	QPSK	1	39	20.85	20.92	20.79	22.0	0.0
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3740	3970.02	22.0	0.0
20	QPSK	1	26	20.82	20.99	20.79	22.0	0.0
Channel				647168	650000	654934	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51	22.0	0.0
15	QPSK	1	19	20.90	20.94	20.76	22.0	0.0
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	22.0	0.0
10	QPSK	1	12	20.81	20.98	20.74	22.0	0.0

Part270 n78 PC2&3 Ant7 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	650000			
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		20.17		22.0	0.0	
100	PI/2 BPSK	1	137		20.95				
100	PI/2 BPSK	1	271		20.11				
100	PI/2 BPSK	135	0		20.28				
100	PI/2 BPSK	135	69		20.94		22.0	0.0	
100	PI/2 BPSK	135	138		20.15		22.0	0.0	
100	PI/2 BPSK	270	0		20.19		22.0	0.0	
100	QPSK	1	1		20.19				
100	QPSK	1	137		21.07				
100	QPSK	1	271		20.14				
100	QPSK	135	0		20.13		22.0	0.0	
100	QPSK	135	69		20.86		22.0	0.0	
100	QPSK	135	138		20.15		22.0	0.0	
100	QPSK	270	0		20.97		22.0	0.0	
100	16QAM	1	1		20.81				
100	64QAM	1	1		20.89				
100	256QAM	1	1		20.67				
Channel				649968	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01	22.0	0.0	
90	QPSK	1	123		20.75	20.77	20.89	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02	22.0	0.0	
80	QPSK	1	109		20.71	20.79	20.70	22.0	0.0
Channel				648968	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01	22.0	0.0	
60	QPSK	1	81		20.84	20.80	20.68	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02	22.0	0.0	
50	QPSK	1	67		20.85	20.83	20.73	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780	22.0	0.0	
40	QPSK	1	53		20.85	20.83	20.64	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01	22.0	0.0	
30	QPSK	1	39		20.82	20.75	20.84	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3760.02	22.0	0.0	
20	QPSK	1	26		20.77	20.85	20.70	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51	22.0	0.0	
15	QPSK	1	19		20.84	20.77	20.70	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795	22.0	0.0	
10	QPSK	1	12		20.86	20.84	20.67	22.0	0.0



n2 Ant0 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				1860	1860	1900	23.0	0.0	
Frequency (MHz)				372000	376000	380000			
20	PI2 BPSK	1	1	21.77	21.83	21.75	23.0	0.0	
20	PI2 BPSK	1	53	21.75	21.76	21.70			
20	PI2 BPSK	1	104	21.64	21.67	21.56			
20	PI2 BPSK	50	0	21.55	21.70	21.69	23.0	0.0	
20	PI2 BPSK	50	28	21.68	21.83	21.73	23.0	0.0	
20	PI2 BPSK	50	56	21.72	21.82	21.74	23.0	0.0	
20	PI2 BPSK	100	0	21.69	21.77	21.79	23.0	0.0	
20	QPSK	1	1	21.82	21.91	21.85	23.0	0.0	
20	QPSK	1	53	21.84	21.89	21.72			
20	QPSK	1	104	21.63	21.75	21.64			
20	QPSK	50	0	21.55	21.68	21.63	23.0	0.0	
20	QPSK	50	28	21.79	21.86	21.80	23.0	0.0	
20	QPSK	50	56	21.73	21.76	21.66	23.0	0.0	
20	QPSK	100	0	21.72	21.80	21.74	23.0	0.0	
20	16QAM	1	1	21.56	21.67	21.59	23.0	0.0	
20	64QAM	1	1	20.13	20.19	20.03	21.5	1.5	
20	256QAM	1	1	18.42	18.59	18.52	19.5	3.5	
Channel				371500	376000	380500	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				1627.5	1660	1692.5	23.0	0.0	
15	QPSK	1	1	21.73	21.80	21.75	23.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				1665	1680	1905	23.0	0.0	
10	QPSK	1	1	21.70	21.76	21.73	23.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				1662.5	1680	1907.5	23.0	0.0	
5	QPSK	1	1	21.79	21.81	21.81	23.0	0.0	

Reduced Power Mode for DSI6

n5 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				16600	167300	167800	24.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	22.72	22.87	22.80	24.0	0.0	
20	PI2 BPSK	1	53	22.79	22.91	22.79			
20	PI2 BPSK	1	104	22.88	22.95	22.86			
20	PI2 BPSK	50	0	22.22	22.36	22.19	23.5	0.5	
20	PI2 BPSK	50	28	22.76	22.91	22.86	24.0	0.0	
20	PI2 BPSK	50	56	22.38	22.42	22.29	23.5	0.5	
20	PI2 BPSK	100	0	22.28	22.38	22.24	23.5	0.5	
20	QPSK	1	1	22.86	22.98	22.90	24.0	0.0	
20	QPSK	1	53	22.80	22.92	22.76			
20	QPSK	1	104	22.80	22.88	22.81			
20	QPSK	50	0	21.77	21.81	21.65	23.0	1.0	
20	QPSK	50	28	22.82	22.92	22.84	24.0	0.0	
20	QPSK	50	56	21.84	21.88	21.72	23.0	1.0	
20	QPSK	100	0	21.69	21.83	21.76	23.0	1.0	
20	16QAM	1	1	21.56	21.61	21.52	23.0	1.0	
20	64QAM	1	1	20.14	20.22	20.12	21.5	2.5	
20	256QAM	1	1	18.51	18.55	18.42	19.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1631.5	166.5	167.5	24.0	0.0	
15	QPSK	1	1	22.76	22.81	22.80	24.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1629	166.5	167.4 <td>24.0</td> <td colspan="2">0.0</td>	24.0	0.0	
10	QPSK	1	1	22.80	22.82	22.74	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1624.5	166.5	168.5	24.0	0.0	
5	QPSK	1	1	22.72	22.83	22.85	24.0	0.0	

n7 Ant0 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				505000	507000	509000	20.0	0.0	
Frequency (MHz)				2525	2535	2545			
50	PI2 BPSK	1	1	18.99	18.06	18.02	20.0	0.0	
50	PI2 BPSK	1	135	18.84	18.97	18.91			
50	PI2 BPSK	1	268	18.82	18.87	18.85			
50	PI2 BPSK	135	0	18.74	18.92	18.84	20.0	0.0	
50	PI2 BPSK	135	68	18.93	19.08	18.91	20.0	0.0	
50	PI2 BPSK	135	135	18.92	18.95	18.89	20.0	0.0	
50	PI2 BPSK	270	0	18.95	19.02	19.02	20.0	0.0	
50	QPSK	1	1	19.11	19.13	19.04	20.0	0.0	
50	QPSK	1	135	19.00	19.07	18.92			
50	QPSK	1	268	18.80	19.01	18.85			
50	QPSK	135	0	18.79	18.96	18.77	20.0	0.0	
50	QPSK	135	68	19.07	19.12	19.11	20.0	0.0	
50	QPSK	135	135	18.91	19.00	18.85	20.0	0.0	
50	QPSK	270	0	18.90	19.08	19.07	20.0	0.0	
50	16QAM	1	1	18.63	18.79	18.67	20.0	0.0	
50	64QAM	1	1	18.58	18.65	18.56	20.0	0.0	
50	256QAM	1	1	18.80	18.84	18.77	19.5	0.5	
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550	20.0	0.0	
40	QPSK	1	1	18.87	19.09	18.90	20.0	0.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555	20.0	0.0	
30	QPSK	1	1	19.06	19.04	18.99	20.0	0.0	
Channel				502000	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5	20.0	0.0	
25	QPSK	1	1	19.01	19.05	18.92	20.0	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560 <td>20.0</td> <td colspan="2">0.0</td>	20.0	0.0	
20	PI2 BPSK	1	1	19.04	19.10	18.95	20.0	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5 <th>2535</th> <th>2562.5<td>20.0</td><td colspan="2">0.0</td></th>	2535	2562.5 <td>20.0</td> <td colspan="2">0.0</td>	20.0	0.0	
15	QPSK	1	1	19.02	19.06	18.97	20.0	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565 <td>20.0</td> <td colspan="2">0.0</td>	20.0	0.0	
10	QPSK	1	1	18.98	19.00	18.99	20.0	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5 <td>20.0</td> <td colspan="2">0.0</td>	20.0	0.0	
5	QPSK	1	1	19.02	19.08	19.00	20.0	0.0	



n66 Ant0 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				348000	349000	352000	22.5	0.0
Frequency (MHz)				1745	1745	1760		
40	PI/2 BPSK	1	1	20.93	21.00	20.95	22.5	0.0
40	PI/2 BPSK	1	108	20.84	20.92	20.83		
40	PI/2 BPSK	1	214	20.80	20.78	20.76		
40	PI/2 BPSK	108	0	20.67	20.76	20.79		
40	PI/2 BPSK	108	54	20.81	20.91	20.78	22.5	0.0
40	PI/2 BPSK	108	108	20.82	20.91	20.88		
40	PI/2 BPSK	216	0	20.88	20.96	20.96	22.5	0.0
40	QPSK	1	1	21.04	21.08	20.96		
40	QPSK	1	108	20.93	20.92	20.81		
40	QPSK	1	214	20.72	20.80	20.72		
40	QPSK	108	0	20.70	20.78	20.84	22.5	0.0
40	QPSK	108	54	20.88	21.01	20.98		
40	QPSK	108	108	20.81	20.88	20.79	22.5	0.0
40	QPSK	216	0	20.78	20.84	20.88		
40	16QAM	1	1	20.52	20.84	20.57	22.5	0.0
40	64QAM	1	1	19.77	19.88	19.79		
40	256QAM	1	1	17.74	17.91	17.88	19.5	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.89	21.03	20.90	22.5	0.0
Channel				344500	349000	353500		
Frequency (MHz)				1722.5	1745	1767.5	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	20.91	21.01	20.83		
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.00	21.00	20.90	22.5	0.0
Channel				343500	349000	354500		
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	20.93	21.01	20.89		
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.92	21.04	20.90	22.5	0.0
Channel				342500	349000	355500		
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	20.93	20.95	20.81		

n38 Ant0 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	519696	19.0	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	17.15	17.27	17.24			
40	PI/2 BPSK	1	53	17.68	17.71	17.57			
40	PI/2 BPSK	1	104	17.26	17.32	17.28	19.0	0.0	
40	PI/2 BPSK	50	0	17.44	17.52	17.46			
40	PI/2 BPSK	50	28	17.89	17.74	17.62			
40	PI/2 BPSK	50	56	17.50	17.61	17.53			
40	PI/2 BPSK	100	0	17.54	17.65	17.57	19.0	0.0	
40	QPSK	1	1	17.25	17.33	17.28			
40	QPSK	1	53	17.74	17.79	17.71			
40	QPSK	1	104	17.23	17.28	17.17			
40	QPSK	50	0	17.52	17.61	17.50	19.0	0.0	
40	QPSK	50	28	17.62	17.78	17.67			
40	QPSK	80	56	17.45	17.59	17.52			
40	QPSK	100	0	17.61	17.65	17.58			
40	16QAM	1	1	17.17	17.31	17.25	19.0	0.0	
40	64QAM	1	1	17.22	17.27	17.17			
40	256QAM	1	1	17.19	17.24	17.14			
Channel				517002	519000	520098		MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	39	17.64	17.74	17.68			
Channel				516504	519000	521496		MPR (dB)	
Frequency (MHz)				2592.52	2595	2607.48			
25	QPSK	1	32	17.64	17.71	17.63		19.0	
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	26	17.69	17.70	17.58		19.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	17.81	2612.49			
15	QPSK	1	19	17.68	17.73	17.62		19.0	
Channel				515004	519000	522998			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	12	17.62	17.67	17.56		19.0	

n41 PC3 Ant0 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				502002	518998	520000	19.0	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	17.11	17.14	17.06			
100	PI/2 BPSK	1	137	17.85	17.83	17.88			
100	PI/2 BPSK	1	271	17.04	17.19	17.15	19.0	0.0	
100	PI/2 BPSK	135	0	17.70	17.83	17.77			
100	PI/2 BPSK	135	69	17.78	17.90	17.76			
100	PI/2 BPSK	135	138	17.66	17.76	17.70			
100	PI/2 BPSK	270	0	17.72	17.81	17.67	19.0	0.0	
100	QPSK	1	1	17.16	17.28	17.24			
100	QPSK	1	137	17.93	17.97	17.88			
100	QPSK	1	271	17.11	17.22	17.09			
100	QPSK	135	0	17.72	17.89	17.86	19.0	0.0	
100	QPSK	135	69	17.79	17.92	17.85			
100	QPSK	135	138	17.77	17.84	17.80			
100	QPSK	270	0	17.81	17.88	17.78			
100	16QAM	1	1	17.67	17.75	17.61	19.0	0.0	
100	64QAM	1	1	17.62	17.69	17.60			
100	256QAM	1	1	17.53	17.61	17.58			
Channel				502000	518998	520098		MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	123	17.80	17.87	17.82		19.0	
Channel				507204	518998	520998			
Frequency (MHz)				2538.02	2592.99	2649.99			
80	QPSK	1	109	17.85	17.91	17.79		19.0	
Channel				505200	518998	521998			
Frequency (MHz)				2528	2592.99	2659.98			
60	QPSK	1	81	17.83	17.86	17.78		19.0	
Channel				504204	518998	522998			
Frequency (MHz)				2531.01	2592.99	2649.99			
50	QPSK	1	67	17.89	17.90	17.75		19.0	
Channel				503202	518998	524000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	53	17.78	17.84	17.76	19.0	0.0	
Channel				502200	518998	524998			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	39	17.86	17.92	17.80		19.0	
Channel				501204	518998	525998			
Frequency (MHz)				2503.02	2592.99	2673.99			
20	QPSK	1	26	17.84	17.87	17.72		19.0	
Channel				500700	518998	526498			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	19	17.82	17.88	17.75		19.0	
Channel				500202	518998	527000			
Frequency (MHz)				2491.01	2592.99	2685			
10	QPSK	1	12	17.82	17.89	17.73		19.0	



n2 Ant1 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				372000	376000	380000	22.0	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	21.10	21.20	21.12			
20	PI2 BPSK	1	53	21.05	21.04	21.01	22.0	0.0	
20	PI2 BPSK	1	104	20.92	20.97	20.91			
20	PI2 BPSK	50	0	20.88	20.93	20.94			
20	PI2 BPSK	50	28	20.98	21.11	21.03	22.0	0.0	
20	PI2 BPSK	50	58	21.03	21.05	21.08	22.0	0.0	
20	PI2 BPSK	100	0	21.01	21.06	21.12			
20	QPSK	1	1	21.21	21.27	21.19			
20	QPSK	1	53	21.11	21.12	21.03	22.0	0.0	
20	QPSK	1	104	20.94	21.02	20.91			
20	QPSK	50	0	20.94	21.04	20.88			
20	QPSK	50	28	21.07	21.22	21.20	22.0	0.0	
20	QPSK	50	58	20.95	21.10	21.04	22.0	0.0	
20	QPSK	100	0	21.08	21.18	21.15			
20	16QAM	1	1	20.68	20.78	20.72	22.0	0.0	
20	64QAM	1	1	19.76	19.82	19.72	20.5	1.5	
20	256QAM	1	1	17.84	17.91	17.75	18.5	3.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	22.0	0.0	
15	QPSK	1	1	21.16	21.22	21.10			
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1905	1930	1905	22.0	0.0	
10	QPSK	1	1	21.06	21.15	21.11			
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1907.5	22.0	0.0	
5	QPSK	1	1	21.12	21.19	21.05			

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n5 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800	24.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	23.30	23.37	23.24			
20	PI2 BPSK	1	53	23.30	23.42	23.40	23.5	0.5	
20	PI2 BPSK	1	104	23.24	23.39	23.27			
20	PI2 BPSK	50	0	22.88	22.84	22.80			
20	PI2 BPSK	50	28	23.30	23.40	23.34	24.0	0.0	
20	PI2 BPSK	50	58	22.77	22.90	22.78	23.5	0.5	
20	PI2 BPSK	100	0	22.77	22.88	22.73			
20	QPSK	1	1	23.33	23.45	23.37			
20	QPSK	1	53	23.32	23.39	23.27	24.0	0.0	
20	QPSK	1	104	23.14	23.30	23.28			
20	QPSK	50	0	22.32	22.34	22.31			
20	QPSK	50	28	23.38	23.41	23.33	24.0	0.0	
20	QPSK	50	58	22.28	22.39	22.33	23.0	1.0	
20	QPSK	100	0	22.17	22.31	22.23			
20	16QAM	1	1	22.14	22.18	22.02	23.0	1.0	
20	64QAM	1	1	20.55	20.64	20.51	21.5	2.5	
20	256QAM	1	1	18.12	18.15	18.10	19.5	4.5	
Channel				166300	167000	167500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	24.0	0.0	
15	QPSK	1	1	23.27	23.40	23.24			
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				820	836.5	844	24.0	0.0	
10	QPSK	1	1	23.30	23.38	23.21			
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	24.0	0.0	
5	QPSK	1	1	23.18	23.31	23.26			

n7 Ant1 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				502000	507000	509000	19.0	0.0	
Frequency (MHz)				2525	2535	2545			
50	PI2 BPSK	1	1	18.13	18.17	18.07			
50	PI2 BPSK	1	135	18.04	18.12	17.98	19.0	0.0	
50	PI2 BPSK	1	268	17.93	18.06	17.89			
50	PI2 BPSK	135	0	17.88	17.93	17.92			
50	PI2 BPSK	135	68	18.05	18.19	18.00	19.0	0.0	
50	PI2 BPSK	135	135	18.12	18.06	18.00	19.0	0.0	
50	PI2 BPSK	270	0	18.02	18.13	18.06			
50	QPSK	1	1	18.15	18.26	18.21			
50	QPSK	1	135	18.06	18.15	18.09	19.0	0.0	
50	QPSK	1	268	17.98	18.03	17.91			
50	QPSK	135	0	17.83	18.01	17.89	19.0	0.0	
50	QPSK	135	68	18.05	18.24	18.22	19.0	0.0	
50	QPSK	135	135	18.04	18.15	18.06			
50	QPSK	270	0	18.07	18.18	18.01			
50	16QAM	1	1	17.77	17.80	17.82	19.0	0.0	
50	64QAM	1	1	17.68	17.73	17.66	19.0	0.0	
50	256QAM	1	1	17.78	17.84	17.87	19.0	0.0	
Channel				501500	507000	510500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550	19.0	0.0	
40	QPSK	1	1	18.10	18.16	18.14			
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2535	2535	2555	19.0	0.0	
30	QPSK	1	1	18.07	18.15	18.14			
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5	19.0	0.0	
25	QPSK	1	1	18.04	18.19	18.10			
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560	19.0	0.0	
20	PI2 BPSK	1	1	18.08	18.12	18.10			
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	19.0	0.0	
15	QPSK	1	1	18.02	18.23	18.10			
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	19.0	0.0	
10	QPSK	1	1	18.10	18.14	18.07			
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	19.0	0.0	
5	QPSK	1	1	18.08	18.22	18.10			

n66 Ant1 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				346000	349000	352000	23.5	0.0
Frequency (MHz)				1730	1745	1760		
40	Pl2 BPSK	1	1	22.24	22.31	22.15		
40	Pl2 BPSK	1	108	22.18	22.33	22.23	23.5	0.0
40	Pl2 BPSK	1	214	21.98	22.11	22.05		
40	Pl2 BPSK	108	0	22.28	22.34	22.26		
40	Pl2 BPSK	108	54	22.16	22.31	22.19	23.5	0.0
40	Pl2 BPSK	108	108	22.15	22.21	22.11	23.5	0.0
40	Pl2 BPSK	216	0	22.26	22.28	22.17	23.5	0.0
40	QPSK	1	1	22.24	22.26	22.33		
40	QPSK	1	108	22.28	22.32	22.21		
40	QPSK	1	214	22.08	22.18	22.05	23.0	0.5
40	QPSK	108	0	21.68	21.84	21.71		
40	QPSK	108	54	22.25	22.33	22.19		
40	QPSK	108	108	21.67	21.89	21.65	23.0	0.5
40	QPSK	216	0	21.75	21.77	21.72		
40	16QAM	1	1	21.48	21.56	21.45	23.0	0.5
40	64QAM	1	1	20.04	20.11	20.01	21.5	2.0
40	256QAM	1	1	18.28	18.38	18.32	19.5	4.0
Channel				343000	345000	350000	23.5	0.0
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.05	22.24	22.22		
Channel				344500	349000	353500	23.5	0.0
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.07	22.29	22.19		
Channel				344000	349000	354000	23.5	0.0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.08	22.22	22.21		
Channel				343500	349000	354500	23.5	0.0
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.05	22.26	22.21		
Channel				343000	349000	355000	23.5	0.0
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.07	22.25	22.19		
Channel				342500	349000	355500	23.5	0.0
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.07	22.23	22.21		

n38 Ant1 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				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI2 BPSK	1	1	17.73	17.85	17.74	19.0	0.0	
40	PI2 BPSK	1	53	18.11	18.21	18.07			
40	PI2 BPSK	1	104	17.54	17.66	17.57			
40	PI2 BPSK	50	0	18.01	18.08	18.04			
40	PI2 BPSK	50	28	18.15	18.20	18.15	19.0	0.0	
40	PI2 BPSK	50	56	17.79	17.87	17.72	19.0	0.0	
40	PI2 BPSK	100	0	17.96	18.03	17.93	19.0	0.0	
40	QPSK	1	1	17.84	17.89	17.82			
40	QPSK	1	53	18.23	18.28	18.15			
40	QPSK	1	104	17.60	17.68	17.56			
40	QPSK	50	0	18.05	18.15	18.09	19.0	0.0	
40	QPSK	50	28	18.17	18.23	18.19	19.0	0.0	
40	QPSK	50	56	17.72	17.82	17.67	19.0	0.0	
40	QPSK	100	0	18.05	18.08	17.97	19.0	0.0	
40	16QAM	1	1	17.53	17.66	17.57			
40	64QAM	1	1	17.48	17.58	17.46			
40	256QAM	1	1	17.66	17.77	17.67			
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	39	18.20	18.19	18.07	19.0	0.0	
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2592.52	2595	2607.48			
25	QPSK	1	32	18.10	18.17	18.11	19.0	0.0	
Channel				516000	519000	520000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	26	18.10	18.24	18.08	19.0	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	18.41	2612.49			
15	QPSK	1	19	18.15	18.20	18.08	19.0	0.0	
Channel				515004	519000	522998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	12	18.09	18.14	18.01	19.0	0.0	

n41 PC3 Ant1 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				506002	518998	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI2 BPSK	1	1	17.61	17.67	17.62	19.0	0.0	
100	PI2 BPSK	1	137	18.07	18.14	18.02			
100	PI2 BPSK	1	271	17.38	17.42	17.38			
100	PI2 BPSK	135	0	18.01	18.07	18.03			
100	PI2 BPSK	135	69	18.21	18.29	18.21	19.0	0.0	
100	PI2 BPSK	135	138	17.90	17.96	17.81	19.0	0.0	
100	PI2 BPSK	270	0	17.94	18.08	18.01	19.0	0.0	
100	QPSK	1	1	17.61	17.73	17.60			
100	QPSK	1	137	18.28	18.32	18.23			
100	QPSK	1	271	17.44	17.49	17.39			
100	QPSK	135	0	18.02	18.12	17.98	19.0	0.0	
100	QPSK	135	69	18.07	18.18	18.09	19.0	0.0	
100	QPSK	135	138	17.90	17.95	17.85	19.0	0.0	
100	QPSK	270	0	17.99	18.03	17.99	19.0	0.0	
100	16QAM	1	1	17.48	17.52	17.37			
100	64QAM	1	1	17.38	17.44	17.35			
100	256QAM	1	1	17.64	17.76	17.69			
Channel				506200	518998	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	123	18.23	18.26	18.18	19.0	0.0	
Channel				507204	518998	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2530.02	2592.99	2640.99			
80	QPSK	1	109	18.16	18.18	18.13	19.0	0.0	
Channel				505000	518998	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2528	2592.99	2650.98			
60	QPSK	1	81	18.14	18.29	18.10	19.0	0.0	
Channel				504204	518998	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.09	2592.99	2644.99			
50	QPSK	1	67	18.15	18.24	18.15	19.0	0.0	
Channel				503202	518998	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	53	18.13	18.27	18.15	19.0	0.0	
Channel				502200	518998	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	39	18.22	18.22	18.16	19.0	0.0	
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2500.02	2592.99	2670.99			
20	QPSK	1	26	18.25	18.20	18.19	19.0	0.0	
Channel				500700	518998	536498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	19	18.25	18.25	18.13	19.0	0.0	
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2491.01	2592.99	2685			
10	QPSK	1	12	18.16	18.17	18.16	19.0	0.0	

Part270 n77 PC2 Ant2&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	650000	650000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.42	16.35	16.35	18.0	0.0
100	PI/2 BPSK	1	137	16.69	16.67	16.71		
100	PI/2 BPSK	1	271	16.28	16.59	16.52		
100	PI/2 BPSK	135	0	16.27	16.36	16.49		
100	PI/2 BPSK	135	69	16.95	17.07	16.80	18.0	0.0
100	PI/2 BPSK	135	138	16.71	16.99	16.88	18.0	0.0
100	PI/2 BPSK	270	0	16.36	16.38	16.18	18.0	0.0
100	QPSK	1	1	16.11	16.25	16.15	18.0	0.0
100	QPSK	1	137	16.95	17.11	16.97		
100	QPSK	1	271	16.45	16.34	16.27		
100	QPSK	135	0	16.72	16.92	16.74		
100	QPSK	135	69	16.87	17.08	17.02	18.0	0.0
100	QPSK	135	138	16.82	16.87	16.76	18.0	0.0
100	QPSK	270	0	16.83	16.85	16.83	18.0	0.0
100	16QAM	1	1	16.90	17.00	16.85		
100	64QAM	1	1	16.87	16.92	16.80		
100	256QAM	1	1	16.69	16.76	16.69		
Channel				649968	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	16.84	17.00	16.85	18.0	0.0
Channel				649334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	16.90	16.99	16.89	18.0	0.0
Channel				649668	650000	653334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	16.86	16.97	16.89	18.0	0.0
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3925.02		
50	QPSK	1	67	16.91	17.00	16.86	18.0	0.0
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	16.82	17.09	16.87	18.0	0.0
Channel				647658	650000	654334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3955.01		
30	QPSK	1	39	16.92	17.08	16.83	18.0	0.0
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	16.81	17.04	16.89	18.0	0.0
Channel				647168	650000	654834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	16.85	17.01	16.93	18.0	0.0
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	16.88	16.97	16.84	18.0	0.0

Part270 n78 PC2&3 Ant2 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	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.30		18.0	0.0
100	PI/2 BPSK	1	137		16.82			
100	PI/2 BPSK	1	271		16.48			
100	PI/2 BPSK	135	0		16.15			
100	PI/2 BPSK	135	69		16.93		18.0	0.0
100	PI/2 BPSK	135	138		16.80		18.0	0.0
100	PI/2 BPSK	270	0		16.20		18.0	0.0
100	QPSK	1	1		16.13			
100	QPSK	1	137		16.97			
100	QPSK	1	271		16.32			
100	QPSK	135	0		16.84		18.0	0.0
100	QPSK	135	69		16.92		18.0	0.0
100	QPSK	135	138		16.85		18.0	0.0
100	QPSK	270	0		16.77		18.0	0.0
100	16QAM	1	1		16.90			
100	64QAM	1	1		16.81			
100	256QAM	1	1		16.51			
Channel				649968	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	16.83	16.91	16.92	18.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	16.82	16.92	16.94	18.0	0.0
Channel				649668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	16.85	16.96	16.86	18.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3725.02		
50	QPSK	1	67	16.85	16.91	16.90	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	16.82	16.92	16.93	18.0	0.0
Channel				647658	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	16.92	16.95	16.92	18.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3760.02		
20	QPSK	1	26	16.90	16.92	16.93	18.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	16.82	16.91	16.91	18.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795 <th></th> <th></th>		
10	QPSK	1	12	16.84	16.85	16.83	18.0	0.0

Part270 n77 PC2&3 Ant4 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				65000	65000	65000		
Frequency (MHz)				3750	3840	3930		
100	Pl/2 BPSK	1	1	18.95	17.07	16.90	18.5	0.0
100	Pl/2 BPSK	1	137	17.76	17.78	17.54		
100	Pl/2 BPSK	1	271	17.02	17.13	16.90		
100	Pl/2 BPSK	135	0	18.93	17.00	16.82	18.5	0.0
100	Pl/2 BPSK	135	69	17.79	17.76	17.61	18.5	0.0
100	Pl/2 BPSK	135	138	17.00	17.12	17.07	18.5	0.0
100	Pl/2 BPSK	270	0	17.89	17.88	17.65	18.5	0.0
100	QPSK	1	1	17.04	17.11	16.96		
100	QPSK	1	137	17.82	17.95	17.84		
100	QPSK	1	271	17.10	17.26	17.15	18.5	0.0
100	QPSK	135	0	18.83	16.98	16.94		
100	QPSK	135	69	17.77	17.80	17.62		
100	QPSK	135	138	16.96	17.14	17.12	18.5	0.0
100	QPSK	270	0	17.52	17.75	17.43	18.5	0.0
100	16QAM	1	1	17.01	17.06	16.93		
100	16QAM	1	1	18.72	16.98	16.71		
100	256QAM	1	1	16.71	16.78	16.74	18.5	0.0
Channel				64998	65000	65034	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	17.89	17.80	17.66	18.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3740	3940.02		
80	QPSK	1	109	17.70	17.81	17.59	18.5	0.0
Channel				649668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3960.01		
60	QPSK	1	81	17.80	17.77	17.62	18.5	0.0
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3995.02		
50	QPSK	1	67	17.79	17.75	17.75	18.5	0.0
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	17.85	17.67	17.70	18.5	0.0
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3985.01		
30	QPSK	1	39	17.81	17.74	17.58	18.5	0.0
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	17.70	17.79	17.74	18.5	0.0
Channel				647168	650000	654834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	17.90	17.80	17.69	18.5	0.0
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	17.71	17.77	17.66	18.5	0.0

Part270 n78 PC2&3 Ant4 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				65000	65000	65000		
Frequency (MHz)				3750	3750	3750		
100	Pl/2 BPSK	1	1		17.87		19.5	0.0
100	Pl/2 BPSK	1	137		18.64			
100	Pl/2 BPSK	1	271		18.04			
100	Pl/2 BPSK	135	0		17.89		19.5	0.0
100	Pl/2 BPSK	135	69		18.67		19.5	0.0
100	Pl/2 BPSK	135	138		18.03		19.5	0.0
100	Pl/2 BPSK	270	0		18.21		19.5	0.0
100	QPSK	1	1		17.85			
100	QPSK	1	137		18.75			
100	QPSK	1	271		18.06		19.5	0.0
100	QPSK	135	0		17.84			
100	QPSK	135	69		18.72			
100	QPSK	135	138		17.85		19.5	0.0
100	QPSK	270	0		18.54		19.5	0.0
100	16QAM	1	1		17.84			
100	16QAM	1	1		17.82			
100	256QAM	1	1		17.80		19.5	0.0
Channel				64998	65000	65034	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123		18.60	18.40	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109		18.50	18.40	19.5	0.0
Channel				649668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81		18.55	18.42	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67		18.45	18.49	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53		18.52	18.65	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39		18.61	18.60	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26		18.55	18.49	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19		18.58	18.63	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12		18.55	18.66	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				65000	65000	65000	19.0	0.0
Frequency (MHz)				3750	3840	3930		
100	Pl/2 BPSK	1	1	17.15	17.18	17.07	19.0	0.0
100	Pl/2 BPSK	1	137	17.65	17.75	17.59		
100	Pl/2 BPSK	1	271	17.30	17.41	17.29		
100	Pl/2 BPSK	135	0	17.45	17.54	17.34		
100	Pl/2 BPSK	135	69	17.78	17.91	17.65		
100	Pl/2 BPSK	135	138	17.79	17.61	17.48	19.0	0.0
100	Pl/2 BPSK	270	0	17.32	17.40	17.40		
100	QPSK	1	1	17.15	17.15	17.18		
100	QPSK	1	137	17.75	17.98	17.72		
100	QPSK	1	271	17.18	17.27	17.24		
100	QPSK	135	0	17.15	17.21	17.25	19.0	0.0
100	QPSK	135	69	17.67	17.63	17.76		
100	QPSK	135	138	17.36	17.52	17.23		
100	QPSK	270	0	17.44	17.68	17.35		
100	16QAM	1	1	17.06	17.07	17.02		
100	64QAM	1	1	17.02	17.05	17.04	19.0	0.0
100	256QAM	1	1	17.35	17.39	17.33		
Channel				64998	65000	65034		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	17.63	17.90	17.61	19.0	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3840	3940.02	19.0	0.0
80	QPSK	1	109	17.67	17.89	17.63		
Channel				649668	650000	651334	19.0	0.0
Frequency (MHz)				3730.02	3840	3960.01		
60	QPSK	1	81	17.62	17.93	17.65	19.0	0.0
Channel				648334	650000	653668		
Frequency (MHz)				3725.01	3840	3955.02	19.0	0.0
50	QPSK	1	67	17.68	17.93	17.61		
Channel				648000	650000	654000	19.0	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	17.65	17.69	17.67	19.0	0.0
Channel				647668	650000	654334		
Frequency (MHz)				3715.02	3840	3965.01	19.0	0.0
30	QPSK	1	39	17.69	17.95	17.70		
Channel				647334	650000	654668	19.0	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	17.60	17.65	17.65	19.0	0.0
Channel				647168	650000	654834		
Frequency (MHz)				3707.52	3840	3972.51	19.0	0.0
15	QPSK	1	19	17.70	17.96	17.59		
Channel				647000	650000	655000	19.0	0.0
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	17.62	17.89	17.65	19.0	0.0
Channel								

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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				65000	65000	65000	19.0	0.0
Frequency (MHz)				3750	3750	3750		
100	Pl/2 BPSK	1	1		17.30		19.0	0.0
100	Pl/2 BPSK	1	137		17.86			
100	Pl/2 BPSK	1	271		17.55			
100	Pl/2 BPSK	135	0		17.86			
100	Pl/2 BPSK	135	69		17.91			
100	Pl/2 BPSK	135	138		17.86		19.0	0.0
100	Pl/2 BPSK	270	0		17.51			
100	QPSK	1	1		17.23			
100	QPSK	1	137		17.95			
100	QPSK	1	271		17.24			
100	QPSK	135	0		17.65		19.0	0.0
100	QPSK	135	69		17.62			
100	QPSK	135	138		17.88			
100	QPSK	270	0		17.88			
100	16QAM	1	1		17.36			
100	64QAM	1	1		17.15		19.0	0.0
100	256QAM	1	1		17.40			
Channel				649968	650000	650334		
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	17.80	17.74	17.85	19.0	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3750	3760.02	19.0	0.0
80	QPSK	1	109	17.74	17.67	17.79		
Channel				649668	650000	651334	19.0	0.0
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	17.76	17.65	17.81	19.0	0.0
Channel				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02	19.0	0.0
50	QPSK	1	67	17.78	17.68	17.80		
Channel				648000	650000	652000	19.0	0.0
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	17.76	17.73	17.86	19.0	0.0
Channel				647668	650000	652334		
Frequency (MHz)				3715.02	3750	3785.01	19.0	0.0
30	QPSK	1	39	17.78	17.76	17.78		
Channel				647334	650000	652668	19.0	0.0
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	17.70	17.75	17.78	19.0	0.0
Channel				647168	650000	652834		
Frequency (MHz)				3707.52	3750	3792.51	19.0	0.0
15	QPSK	1	19	17.80	17.73	17.81		
Channel				647000	650000	653000	19.0	0.0
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	17.71	17.69	17.80	19.0	0.0
Channel								

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3840	3930		
100	Pl/2 BPSK	1	1	20.14	20.27	20.15	22.0	0.0
100	Pl/2 BPSK	1	137	20.84	20.98	20.73		
100	Pl/2 BPSK	1	271	20.22	20.14	20.13		
100	Pl/2 BPSK	135	0	20.08	20.30	20.11		
100	Pl/2 BPSK	135	69	20.85	21.04	20.73	22.0	0.0
100	Pl/2 BPSK	135	138	20.22	20.22	20.20	22.0	0.0
100	Pl/2 BPSK	270	0	20.20	20.23	20.12	22.0	0.0
100	QPSK	1	1	20.19	20.32	20.02		
100	QPSK	1	137	20.91	21.10	20.77		
100	QPSK	1	271	20.26	20.28	20.23		
100	QPSK	135	0	20.14	20.25	20.11	22.0	0.0
100	QPSK	135	69	20.80	20.99	20.63	22.0	0.0
100	QPSK	135	138	20.21	20.21	20.19	22.0	0.0
100	QPSK	270	0	20.90	20.94	20.72	22.0	0.0
100	16QAM	1	1	20.88	20.88	20.72		
100	64QAM	1	1	20.79	20.93	20.77		
100	256QAM	1	1	20.87	20.89	20.77		
Channel				649968	650000	650034	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01	22.0	0.0
90	QPSK	1	123	20.88	20.88	20.76	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3740	3940.02	22.0	0.0
80	QPSK	1	109	20.89	20.93	20.73	22.0	0.0
Channel				648968	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3960.01	22.0	0.0
60	QPSK	1	81	20.84	20.90	20.72	22.0	0.0
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3995.02	22.0	0.0
50	QPSK	1	67	20.90	20.95	20.82	22.0	0.0
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	22.0	0.0
40	QPSK	1	53	20.91	20.99	20.72	22.0	0.0
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3985.01	22.0	0.0
30	QPSK	1	39	20.85	20.92	20.79	22.0	0.0
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3740	3990.02	22.0	0.0
20	QPSK	1	26	20.82	20.99	20.79	22.0	0.0
Channel				647168	650000	654834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3992.51	22.0	0.0
15	QPSK	1	19	20.90	20.94	20.76	22.0	0.0
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3995	22.0	0.0
10	QPSK	1	12	20.81	20.98	20.74	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	Pl/2 BPSK	1	1		20.17		22.0	0.0	
100	Pl/2 BPSK	1	137		20.95				
100	Pl/2 BPSK	1	271		20.11				
100	Pl/2 BPSK	135	0		20.28				
100	Pl/2 BPSK	135	69		20.94		22.0	0.0	
100	Pl/2 BPSK	135	138		20.15		22.0	0.0	
100	Pl/2 BPSK	270	0		20.19		22.0	0.0	
100	QPSK	1	1		20.19				
100	QPSK	1	137		21.07				
100	QPSK	1	271		20.14				
100	QPSK	135	0		20.13		22.0	0.0	
100	QPSK	135	69		20.86		22.0	0.0	
100	QPSK	135	138		20.15		22.0	0.0	
100	QPSK	270	0		20.97		22.0	0.0	
100	QPSK	1	1		20.81				
100	64QAM	1	1		20.89				
100	256QAM	1	1		20.87				
Channel				649968	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01	22.0	0.0	
90	QPSK	1	123		20.75	20.77	20.89	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02	22.0	0.0	
80	QPSK	1	109		20.71	20.79	20.70	22.0	0.0
Channel				648968	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01	22.0	0.0	
60	QPSK	1	81		20.84	20.80	20.68	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02	22.0	0.0	
50	QPSK	1	67		20.85	20.83	20.73	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780	22.0	0.0	
40	QPSK	1	53		20.85	20.83	20.64	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01	22.0	0.0	
30	QPSK	1	39		20.82	20.75	20.64	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02	22.0	0.0	
20	QPSK	1	26		20.77	20.85	20.70	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51	22.0	0.0	
15	QPSK	1	19		20.84	20.77	20.70	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795	22.0	0.0	
10	QPSK	1	12		20.86	20.84	20.67	22.0	0.0



Reduced Power Mode for DSI7

n2 Ant0 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				372000	376000	380000	16.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	14.50	14.80	14.52		
20	PI2 BPSK	1	53	14.38	14.50	14.43	16.0	0.0
20	PI2 BPSK	1	104	14.34	14.48	14.28		
20	PI2 BPSK	50	0	14.27	14.35	14.27		
20	PI2 BPSK	50	28	14.42	14.51	14.44	16.0	0.0
20	PI2 BPSK	50	56	14.45	14.45	14.40	16.0	0.0
20	PI2 BPSK	100	0	14.50	14.46	14.48		
20	QPSK	1	1	14.56	14.69	14.51		
20	QPSK	1	53	14.44	14.54	14.47	16.0	0.0
20	QPSK	1	104	14.38	14.48	14.34		
20	QPSK	50	0	14.28	14.46	14.25		
20	QPSK	50	28	14.52	14.64	14.52	16.0	0.0
20	QPSK	50	56	14.38	14.57	14.38	16.0	0.0
20	QPSK	100	0	14.48	14.60	14.55		
20	16QAM	1	1	14.08	14.27	14.13		
20	64QAM	1	1	14.09	14.14	14.08	16.0	0.0
20	256QAM	1	1	14.10	14.20	14.05	16.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5	16.0	0.0
15	QPSK	1	1	14.43	14.64	14.39	16.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905	16.0	0.0
10	QPSK	1	1	14.51	14.56	14.48	16.0	0.0
Channel				372500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5	16.0	0.0
5	QPSK	1	1	14.48	14.59	14.45	16.0	0.0

n5 Ant0 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166500	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	838		
20	PI2 BPSK	1	1	22.72	22.87	22.80		
20	PI2 BPSK	1	53	22.79	22.91	22.79	23.5	0.5
20	PI2 BPSK	1	104	22.88	22.95	22.86		
20	PI2 BPSK	50	0	22.22	22.36	22.19		
20	PI2 BPSK	50	28	22.78	22.91	22.86	24.0	0.0
20	PI2 BPSK	50	56	22.38	22.42	22.29	23.5	0.5
20	PI2 BPSK	100	0	22.28	22.38	22.24		
20	QPSK	1	1	22.86	22.98	22.90		
20	QPSK	1	53	22.80	22.92	22.78	24.0	0.0
20	QPSK	1	104	22.90	22.88	22.81		
20	QPSK	50	0	21.77	21.81	21.65		
20	QPSK	50	28	22.82	22.92	22.84	24.0	0.0
20	QPSK	50	56	21.78	21.80	21.72	23.0	1.0
20	QPSK	100	0	21.69	21.83	21.76		
20	16QAM	1	1	21.58	21.61	21.52		
20	64QAM	1	1	20.14	20.22	20.12	21.5	2.5
20	256QAM	1	1	18.51	18.55	18.42	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5	24.0	0.0
15	QPSK	1	1	22.78	22.81	22.88	24.0	0.0
Channel				165800	167300	166800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844	24.0	0.0
10	QPSK	1	1	22.80	22.82	22.74	24.0	0.0
Channel				165300	167300	167300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5	24.0	0.0
5	QPSK	1	1	22.72	22.83	22.85	24.0	0.0

n7 Ant0 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				505000	507000	509000	20.0	0.0
Frequency (MHz)				2525	2535	2545		
50	PI2 BPSK	1	1	18.99	18.06	18.02		
50	PI2 BPSK	1	135	18.84	18.97	18.91	20.0	0.0
50	PI2 BPSK	1	268	18.82	18.87	18.85		
50	PI2 BPSK	135	0	18.74	18.92	18.84		
50	PI2 BPSK	135	68	18.93	19.08	18.91	20.0	0.0
50	PI2 BPSK	135	135	18.92	18.95	18.89	20.0	0.0
50	PI2 BPSK	270	0	18.95	19.02	19.02		
50	QPSK	1	1	19.11	19.13	19.04		
50	QPSK	1	135	19.06	19.07	18.92	20.0	0.0
50	QPSK	1	268	18.90	19.01	18.85		
50	QPSK	135	0	18.79	18.96	18.77		
50	QPSK	135	68	19.07	19.12	19.11	20.0	0.0
50	QPSK	135	135	18.91	19.00	18.85	20.0	0.0
50	QPSK	270	0	18.90	19.08	19.07		
50	16QAM	1	1	18.83	18.79	18.87		
50	64QAM	1	1	18.58	18.65	18.56	20.0	0.0
50	256QAM	1	1	18.80	18.84	18.77	19.5	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550	20.0	0.0
40	QPSK	1	1	18.97	19.06	18.90	20.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555	20.0	0.0
30	QPSK	1	1	19.08	19.04	18.99	20.0	0.0
Channel				502000	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2557.5	20.0	0.0
25	QPSK	1	1	19.01	19.05	18.92	20.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560	20.0	0.0
20	PI2 BPSK	1	1	19.04	19.10	19.05	20.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	20.0	0.0
15	QPSK	1	1	19.02	19.06	18.97	20.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	20.0	0.0
10	QPSK	1	1	18.98	19.00	18.89	20.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	20.0	0.0
5	QPSK	1	1	19.02	19.08	19.00	20.0	0.0

n66 Ant0 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				340000	345000	350000					
Frequency (MHz)				1720	1745	1760					
40	PI2 BPSK	1	1	15.32	15.39	15.27	17.0	0.0			
40	PI2 BPSK	1	108	15.25	15.28	15.14					
40	PI2 BPSK	1	214	15.22	15.17	15.08					
40	PI2 BPSK	108	0	15.04	15.17	15.12	17.0	0.0			
40	PI2 BPSK	108	54	15.25	15.30	15.20	17.0	0.0			
40	PI2 BPSK	108	108	15.25	15.28	15.20	17.0	0.0			
40	PI2 BPSK	216	0	15.24	15.33	15.27					
40	QPSK	1	1	15.43	15.51	15.30					
40	QPSK	1	108	15.39	15.34	15.32	17.0	0.0			
40	QPSK	1	214	15.12	15.25	15.08					
40	QPSK	108	0	15.13	15.17	15.05	17.0	0.0			
40	QPSK	108	54	15.31	15.43	15.37	17.0	0.0			
40	QPSK	108	108	15.22	15.32	15.19	17.0	0.0			
40	QPSK	216	0	15.25	15.36	15.36	17.0	0.0			
40	16QAM	1	1	15.11	15.20	15.11					
40	64QAM	1	1	15.09	15.15	15.06	17.0	0.0			
40	256QAM	1	1	15.18	15.24	15.10	17.0	0.0			
Channel				345000	349000	353000	Tune-up limit (dBm)				
Frequency (MHz)				1722	1745	1765					
30	QPSK	1	1	15.37	15.39	15.26	17.0	0.0			
Channel				344500	349000	353500	Tune-up limit (dBm)				
Frequency (MHz)				1722.5	1745	1767.5					
25	QPSK	1	1	15.33	15.36	15.22	17.0	0.0			
Channel				344000	349000	354000	Tune-up limit (dBm)				
Frequency (MHz)				1720	1745	1770					
20	QPSK	1	1	15.34	15.48	15.25	17.0	0.0			
Channel				343500	349000	354500	Tune-up limit (dBm)				
Frequency (MHz)				1717.5	1745	1772.5					
15	QPSK	1	1	15.35	15.42	15.15	17.0	0.0			
Channel				343000	349000	355000	Tune-up limit (dBm)				
Frequency (MHz)				1715	1745	1775					
10	QPSK	1	1	15.28	15.47	15.21	17.0	0.0			
Channel				342500	349000	355500	Tune-up limit (dBm)				
Frequency (MHz)				1712.5	1745	1777.5					
5	QPSK	1	1	15.39	15.41	15.26	17.0	0.0			

n38 Ant0 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	519696			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI2 BPSK	1	1	17.15	17.27	17.24	19.0	0.0	
40	PI2 BPSK	1	53	17.68	17.71	17.57			
40	PI2 BPSK	1	104	17.26	17.32	17.28			
40	PI2 BPSK	50	0	17.44	17.52	17.46			
40	PI2 BPSK	50	28	17.89	17.74	17.62	19.0	0.0	
40	PI2 BPSK	50	56	17.50	17.61	17.53	19.0	0.0	
40	PI2 BPSK	100	0	17.54	17.65	17.57	19.0	0.0	
40	QPSK	1	1	17.25	17.33	17.28			
40	QPSK	1	53	17.74	17.79	17.71			
40	QPSK	1	104	17.23	17.28	17.17			
40	QPSK	50	0	17.52	17.61	17.50	19.0	0.0	
40	QPSK	50	28	17.62	17.76	17.67	19.0	0.0	
40	QPSK	50	56	17.45	17.59	17.52	19.0	0.0	
40	QPSK	100	0	17.61	17.65	17.58	19.0	0.0	
40	16QAM	1	1	17.17	17.31	17.25			
40	64QAM	1	1	17.22	17.27	17.17			
40	256QAM	1	1	17.19	17.24	17.14			
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2595.01	2595	2604.99	19.0	0.0	
30	QPSK	1	39	17.64	17.74	17.68	19.0	0.0	
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2592.52	2595	2607.48	19.0	0.0	
25	QPSK	1	32	17.64	17.71	17.63	19.0	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610	19.0	0.0	
20	QPSK	1	26	17.69	17.70	17.58	19.0	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49	19.0	0.0	
15	QPSK	1	19	17.68	17.73	17.62	19.0	0.0	
Channel				515004	519000	522998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98	19.0	0.0	
10	QPSK	1	12	17.62	17.67	17.56	19.0	0.0	

n41 PC3 Ant0 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				502002	518598	520000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI2 BPSK	1	1	17.11	17.14	17.06	19.0	0.0	
100	PI2 BPSK	1	137	17.85	17.83	17.88			
100	PI2 BPSK	1	271	17.04	17.19	17.15			
100	PI2 BPSK	135	0	17.70	17.83	17.77			
100	PI2 BPSK	135	69	17.78	17.90	17.78	19.0	0.0	
100	PI2 BPSK	135	138	17.66	17.76	17.70	19.0	0.0	
100	PI2 BPSK	270	0	17.72	17.81	17.67	19.0	0.0	
100	QPSK	1	1	17.16	17.28	17.24			
100	QPSK	1	137	17.93	17.97	17.88			
100	QPSK	1	271	17.11	17.22	17.09			
100	QPSK	135	0	17.72	17.89	17.86	19.0	0.0	
100	QPSK	135	69	17.79	17.92	17.85	19.0	0.0	
100	QPSK	135	138	17.77	17.84	17.80	19.0	0.0	
100	QPSK	270	0	17.81	17.88	17.78	19.0	0.0	
100	64QAM	1	1	17.67	17.75	17.61			
100	64QAM	1	1	17.62	17.69	17.60			
100	256QAM	1	1	17.53	17.61	17.58			
Channel				502000	518598	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98	19.0	0.0	
90	QPSK	1	123	17.80	17.87	17.82	19.0	0.0	
Channel				507204	518598	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99	19.0	0.0	
80	QPSK	1	109	17.88	17.91	17.79	19.0	0.0	
Channel				502000	518598	521998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2528	2592.99	2659.98	19.0	0.0	
60	QPSK	1	81	17.83	17.86	17.78	19.0	0.0	
Channel				504204	518598	522998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2664.99	19.0	0.0	
50	QPSK	1	67	17.89	17.90	17.75	19.0	0.0	
Channel				503202	518598	524000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670	19.0	0.0	
40	QPSK	1	53	17.78	17.84	17.76	19.0	0.0	
Channel				502200	518598	524998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98	19.0	0.0	
30	QPSK	1	39	17.86	17.92	17.80	19.0	0.0	
Channel				501204	518598	525998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.02	2592.99	2679.99	19.0	0.0	
20	QPSK	1	26	17.84	17.87	17.72	19.0	0.0	
Channel				500700	518598	526498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48	19.0	0.0	
15	QPSK	1	19	17.82	17.88	17.75	19.0	0.0	
Channel				500202	518598	527000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2491.01	2592.99	2685	19.0	0.0	
10	QPSK	1	12	17.82	17.89	17.73	19.0	0.0	



n2 Ant1 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				372000	376000	380000	17.5	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	16.75	16.78	16.66	17.5	0.0	
20	PI2 BPSK	1	53	16.67	16.69	16.55			
20	PI2 BPSK	1	104	16.54	16.61	16.46	17.5	0.0	
20	PI2 BPSK	50	0	16.45	16.59	16.51			
20	PI2 BPSK	50	28	16.60	16.71	16.59	17.5	0.0	
20	PI2 BPSK	50	56	16.67	16.72	16.61			
20	PI2 BPSK	100	0	16.66	16.75	16.65	17.5	0.0	
20	QPSK	1	1	16.79	16.83	16.71			
20	QPSK	1	53	16.66	16.82	16.70	17.5	0.0	
20	QPSK	1	104	16.62	16.71	16.53			
20	QPSK	50	0	16.47	16.63	16.51	17.5	0.0	
20	QPSK	50	28	16.71	16.81	16.68			
20	QPSK	50	56	16.64	16.77	16.66	17.5	0.0	
20	QPSK	100	0	16.56	16.75	16.67			
20	16QAM	1	1	16.32	16.36	16.36	17.5	0.0	
20	64QAM	1	1	16.26	16.39	16.36			
20	256QAM	1	1	16.39	16.41	16.26	17.5	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	16.78	16.75	16.56	17.5	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1855	1880	1905	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	16.73	16.79	16.67	17.5	0.0	
Channel				375500	376000	381500			
Frequency (MHz)				1862.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	16.77	16.77	16.64	17.5	0.0	

n5 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800	24.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	23.30	23.37	23.24	24.0	0.0	
20	PI2 BPSK	1	53	23.30	23.42	23.40			
20	PI2 BPSK	1	104	23.24	23.39	23.27	23.5	0.5	
20	PI2 BPSK	50	0	22.68	22.84	22.80			
20	PI2 BPSK	50	28	23.30	23.40	23.34	24.0	0.0	
20	PI2 BPSK	50	56	22.77	22.90	22.78			
20	PI2 BPSK	100	0	22.77	22.88	22.73	23.5	0.5	
20	QPSK	1	1	23.33	23.45	23.37			
20	QPSK	1	53	23.32	23.39	23.27	24.0	0.0	
20	QPSK	1	104	23.14	23.30	23.26			
20	QPSK	50	0	22.32	22.34	22.31	23.0	1.0	
20	QPSK	50	28	23.36	23.41	23.33			
20	QPSK	50	56	22.26	22.39	22.33	23.0	1.0	
20	QPSK	100	0	22.17	22.31	22.23			
20	16QAM	1	1	22.14	22.16	22.02	23.0	1.0	
20	64QAM	1	1	20.55	20.64	20.51			
20	256QAM	1	1	19.12	19.15	19.10	19.5	4.5	
Channel				166300	167300	168300			
Frequency (MHz)				831.5	836.5	841.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	23.27	23.40	23.24	24.0	0.0	
Channel				166800	167300	168800			
Frequency (MHz)				829	836.5	844	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	23.30	23.38	23.21	24.0	0.0	
Channel				166300	167300	169300			
Frequency (MHz)				826.5	836.5	846.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	23.18	23.31	23.26	24.0	0.0	

n7 Ant1 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				502000	507000	509000	16.5	0.0	
Frequency (MHz)				2525	2535	2545			
50	PI2 BPSK	1	1	15.63	15.68	15.67	16.5	0.0	
50	PI2 BPSK	1	135	15.54	15.59	15.41			
50	PI2 BPSK	1	268	15.36	15.62	15.50	16.5	0.0	
50	PI2 BPSK	135	0	15.31	15.55	15.46			
50	PI2 BPSK	135	68	15.52	15.55	15.54	16.5	0.0	
50	PI2 BPSK	135	135	15.54	15.56	15.59			
50	PI2 BPSK	270	0	15.54	15.68	15.52	16.5	0.0	
50	QPSK	1	1	15.74	15.79	15.71			
50	QPSK	1	135	15.57	15.67	15.62	16.5	0.0	
50	QPSK	1	268	15.40	15.48	15.43			
50	QPSK	135	0	15.39	15.56	15.32	16.5	0.0	
50	QPSK	135	68	15.65	15.69	15.60			
50	QPSK	135	135	15.52	15.61	15.50	16.5	0.0	
50	QPSK	270	0	15.58	15.63	15.51			
50	16QAM	1	1	15.25	15.23	15.27	16.5	0.0	
50	64QAM	1	1	15.18	15.30	15.14			
50	256QAM	1	1	15.27	15.24	15.19	16.5	0.0	
Channel				501500	507000	510500			
Frequency (MHz)				2520	2535	2550	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	15.89	15.63	15.56	16.5	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	15.85	15.62	15.56	16.5	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	15.58	15.65	15.60	16.5	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560	Tune-up limit (dBm)	MPR (dB)	
20	PI2 BPSK	1	1	15.59	15.68	15.61	16.5	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	15.67	15.61	15.54	16.5	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	15.63	15.64	15.60	16.5	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	15.59	15.69	15.63	16.5	0.0	

n66 Ant1 DSI7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq 344000	Power Middle Ch / Freq 349000	Power High Ch / Freq 353000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	17.23	17.40	17.24		
40	PI2 BPSK	1	108	17.26	17.22	17.09	18.5	0.0
40	PI2 BPSK	1	214	17.15	17.23	17.15		
40	PI2 BPSK	108	0	17.00	17.07	17.08	18.5	0.0
40	PI2 BPSK	108	54	17.21	17.38	17.12	18.5	0.0
40	PI2 BPSK	108	108	17.23	17.23	17.29	18.5	0.0
40	PI2 BPSK	216	0	17.28	17.29	17.27		
40	QPSK	1	1	17.42	17.51	17.33		
40	QPSK	1	108	17.19	17.35	17.24	18.5	0.0
40	QPSK	1	214	17.17	17.26	17.12		
40	QPSK	108	0	17.10	17.14	17.12	18.5	0.0
40	QPSK	108	54	17.34	17.48	17.36	18.5	0.0
40	QPSK	108	108	17.23	17.36	17.27		
40	QPSK	216	0	17.21	17.33	17.26	18.5	0.0
40	16QAM	1	1	16.88	16.98	17.00	18.5	0.0
40	64QAM	1	1	16.85	16.96	16.93	18.5	0.0
40	256QAM	1	1	16.81	16.94	16.89	18.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.24	17.44	17.15	18.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.24	17.44	17.11	18.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.36	17.40	17.10	18.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.33	17.37	17.18	18.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.31	17.39	17.15	18.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.28	17.43	17.15	18.5	0.0

n38 Ant1 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				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	15.12	15.22	15.17			
40	PI/2 BPSK	1	53	15.48	15.59	15.45	16.5	0.0	
40	PI/2 BPSK	1	104	15.00	15.07	15.10			
40	PI/2 BPSK	50	0	15.41	15.53	15.44	16.5	0.0	
40	PI/2 BPSK	50	28	15.49	15.54	15.47	16.5	0.0	
40	PI/2 BPSK	50	56	15.26	15.30	15.25	16.5	0.0	
40	PI/2 BPSK	100	0	15.39	15.41	15.29			
40	QPSK	1	1	15.18	15.31	15.22			
40	QPSK	1	53	15.58	15.63	15.57	16.5	0.0	
40	QPSK	1	104	14.96	15.00	14.94			
40	QPSK	50	0	15.43	15.53	15.41	16.5	0.0	
40	QPSK	50	28	15.45	15.63	15.56	16.5	0.0	
40	QPSK	80	56	15.24	15.30	15.15	16.5	0.0	
40	QPSK	100	0	15.38	15.51	15.30			
40	16QAM	1	1	15.11	15.18	15.04	16.5	0.0	
40	64QAM	1	1	15.00	15.08	15.08	16.5	0.0	
40	256QAM	1	1	14.87	14.99	14.89	16.5	0.0	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	39	15.47	15.54	15.53	16.5	0.0	
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	32	15.40	15.57	15.53	16.5	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	26	15.49	15.58	15.50	16.5	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	19	15.47	15.58	15.53	16.5	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	12	15.46	15.53	15.51	16.5	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				502002	518998	520000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	15.00	15.14	15.02			
100	PI/2 BPSK	1	137	15.60	15.72	15.60	16.5	0.0	
100	PI/2 BPSK	1	271	14.86	14.90	14.83			
100	PI/2 BPSK	135	0	15.45	15.61	15.55	16.5	0.0	
100	PI/2 BPSK	135	69	15.57	15.61	15.56	16.5	0.0	
100	PI/2 BPSK	135	138	15.29	15.38	15.28	16.5	0.0	
100	PI/2 BPSK	270	0	15.51	15.50	15.41			
100	QPSK	1	1	15.06	15.23	15.11			
100	QPSK	1	137	15.74	15.83	15.70	16.5	0.0	
100	QPSK	1	271	14.84	14.87	14.73			
100	QPSK	135	0	15.55	15.64	15.41	16.5	0.0	
100	QPSK	135	69	15.58	15.68	15.63	16.5	0.0	
100	QPSK	135	138	15.20	15.34	15.22	16.5	0.0	
100	QPSK	270	0	15.30	15.53	15.35			
100	16QAM	1	1	14.93	15.04	14.87	16.5	0.0	
100	64QAM	1	1	14.80	14.96	14.87	16.5	0.0	
100	256QAM	1	1	14.86	14.91	14.78	16.5	0.0	
Channel				502000	518998	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	123	15.74	15.73	15.64	16.5	0.0	
Channel				507204	518998	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	109	15.71	15.72	15.65	16.5	0.0	
Channel				502000	518998	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2528	2592.99	2669.98			
60	QPSK	1	81	15.73	15.74	15.61	16.5	0.0	
Channel				504204	518998	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2664.99			
50	QPSK	1	67	15.73	15.72	15.68	16.5	0.0	
Channel				503202	518998	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	53	15.74	15.74	15.62	16.5	0.0	
Channel				502200	518998	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	39	15.72	15.70	15.64	16.5	0.0	
Channel				501204	518998	536998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.02	2592.99	2673.99			
20	QPSK	1	26	15.70	15.75	15.70	16.5	0.0	
Channel				500700	518998	536498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	19	15.67	15.76	15.68	16.5	0.0	
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2491.01	2592.99	2685			
10	QPSK	1	12	15.68	15.73	15.66	16.5	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000	15.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.63	13.52	13.45	15.0	0.0
100	PI/2 BPSK	1	137	13.72	14.09	13.82		
100	PI/2 BPSK	1	271	13.39	13.69	13.62	15.0	0.0
100	PI/2 BPSK	135	0	13.44	13.47	13.51		
100	PI/2 BPSK	135	69	14.09	14.25	13.82	15.0	0.0
100	PI/2 BPSK	135	138	13.82	14.28	13.95		
100	PI/2 BPSK	270	0	13.48	13.53	13.32	15.0	0.0
100	QPSK	1	1	13.26	13.27	13.32		
100	QPSK	1	137	14.03	14.29	14.10	15.0	0.0
100	QPSK	1	271	13.86	13.47	13.41		
100	QPSK	135	0	13.89	14.08	13.77	15.0	0.0
100	QPSK	135	69	13.88	14.22	14.16		
100	QPSK	135	138	13.90	13.98	13.94	15.0	0.0
100	QPSK	270	0	13.98	13.98	13.98		
100	16QAM	1	1	13.99	14.08	14.01	15.0	0.0
100	64QAM	1	1	13.96	14.05	13.90		
100	256QAM	1	1	13.75	13.75	13.86	15.0	0.0
Channel				649968	650000	650334		
Frequency (MHz)				3745.02	3840	3935.01	15.0	0.0
90	QPSK	1	123	13.77	14.02	13.80		
Channel				649334	650000	650668	15.0	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	13.72	13.89	13.83	15.0	0.0
Channel				648968	650000	651334		
Frequency (MHz)				3730.02	3840	3950.01	15.0	0.0
60	QPSK	1	81	13.75	13.94	13.89		
Channel				648334	650000	651668	15.0	0.0
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	13.80	13.98	13.89	15.0	0.0
Channel				648000	650000	652000		
Frequency (MHz)				3720	3840	3960	15.0	0.0
40	QPSK	1	53	13.79	13.95	13.83		
Channel				647668	650000	652334	15.0	0.0
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	13.88	14.05	13.78	15.0	0.0
Channel				647334	650000	652668		
Frequency (MHz)				3710.01	3840	3970.02	15.0	0.0
20	QPSK	1	26	13.70	14.00	13.81		
Channel				647168	650000	652834	15.0	0.0
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	13.79	14.03	13.90	15.0	0.0
Channel				647000	650000	653000		
Frequency (MHz)				3705	3840	3975	15.0	0.0
10	QPSK	1	12	13.71	13.98	13.82		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000	15.0	0.0
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		13.14		15.0	0.0
100	PI/2 BPSK	1	137		13.71			
100	PI/2 BPSK	1	271		13.54		15.0	0.0
100	PI/2 BPSK	135	0		13.11			
100	PI/2 BPSK	135	69		13.84		15.0	0.0
100	PI/2 BPSK	135	138		13.64			
100	PI/2 BPSK	270	0		13.08		15.0	0.0
100	QPSK	1	1		13.11			
100	QPSK	1	137		13.95		15.0	0.0
100	QPSK	1	271		13.26			
100	QPSK	135	0		13.87		15.0	0.0
100	QPSK	135	69		13.85			
100	QPSK	135	138		13.72		15.0	0.0
100	QPSK	270	0		13.75			
100	16QAM	1	1		13.73		15.0	0.0
100	64QAM	1	1		13.71			
100	256QAM	1	1		13.54		15.0	0.0
Channel				649968	650000	650334		
Frequency (MHz)				3745.02	3750	3755.01	15.0	0.0
90	QPSK	1	123		13.73	13.90		
Channel				649334	650000	650668	15.0	0.0
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109		13.72	13.89	15.0	0.0
Channel				648968	650000	651334		
Frequency (MHz)				3730.02	3750	3770.01	15.0	0.0
60	QPSK	1	81		13.77	13.85		
Channel				648334	650000	651668	15.0	0.0
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67		13.79	13.88	15.0	0.0
Channel				648000	650000	652000		
Frequency (MHz)				3720	3750	3780	15.0	0.0
40	QPSK	1	53		13.76	13.85		
Channel				647668	650000	652334	15.0	0.0
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39		13.87	13.79	15.0	0.0
Channel				647334	650000	652668		
Frequency (MHz)				3710.01	3750	3790.02	15.0	0.0
20	QPSK	1	26		13.72	13.85		
Channel				647168	650000	652834	15.0	0.0
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19		13.71	13.89	15.0	0.0
Channel				647000	650000	653000		
Frequency (MHz)				3705	3750	3795	15.0	0.0
10	QPSK	1	12		13.70	13.82		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000	17.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.50	15.60	15.37	17.0	0.0
100	PI/2 BPSK	1	137	16.21	16.32	16.02		
100	PI/2 BPSK	1	271	15.58	15.64	15.40		
100	PI/2 BPSK	135	0	15.41	15.47	15.37		
100	PI/2 BPSK	135	69	16.29	16.23	16.09	17.0	0.0
100	PI/2 BPSK	135	138	15.45	15.60	15.53	17.0	0.0
100	PI/2 BPSK	270	0	16.25	16.33	16.20	17.0	0.0
100	QPSK	1	1	15.51	15.58	15.45		
100	QPSK	1	137	16.33	16.43	16.16		
100	QPSK	1	271	15.57	15.60	15.60		
100	QPSK	135	0	15.28	15.43	15.38	17.0	0.0
100	QPSK	135	69	16.23	16.30	16.11	17.0	0.0
100	QPSK	135	138	15.45	15.69	15.56	17.0	0.0
100	QPSK	270	0	16.03	16.25	15.94		
100	16QAM	1	1	15.47	15.56	15.46		
100	64QAM	1	1	15.19	15.50	15.23		
100	256QAM	1	1	15.17	15.32	15.25	17.0	0.0
Channel				649968	650000	650334	17.0	0.0
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	16.33	16.36	16.19	17.0	0.0
Channel				649334	650000	650668	17.0	0.0
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	16.23	16.34	16.19	17.0	0.0
Channel				648968	650000	651334	17.0	0.0
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	16.41	16.29	16.12	17.0	0.0
Channel				648334	650000	651668	17.0	0.0
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	16.35	16.35	16.19	17.0	0.0
Channel				648000	650000	652000	17.0	0.0
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	16.34	16.25	16.22	17.0	0.0
Channel				647668	650000	652334	17.0	0.0
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	16.41	16.28	16.17	17.0	0.0
Channel				647334	650000	652668	17.0	0.0
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	16.34	16.32	16.12	17.0	0.0
Channel				647168	650000	652834	17.0	0.0
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	16.40	16.27	16.19	17.0	0.0
Channel				647000	650000	653000	17.0	0.0
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	16.34	16.26	16.16	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000	17.0	0.0
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.41		17.0	0.0
100	PI/2 BPSK	1	137		16.17			
100	PI/2 BPSK	1	271		15.58			
100	PI/2 BPSK	135	0		15.30			
100	PI/2 BPSK	135	69		16.14		17.0	0.0
100	PI/2 BPSK	135	138		15.59		17.0	0.0
100	PI/2 BPSK	270	0		15.77		17.0	0.0
100	QPSK	1	1		15.37			
100	QPSK	1	137		16.25			
100	QPSK	1	271		15.55			
100	QPSK	135	0		15.38		17.0	0.0
100	QPSK	135	69		16.21		17.0	0.0
100	QPSK	135	138		15.41		17.0	0.0
100	QPSK	270	0		15.94			
100	16QAM	1	1		15.32			
100	64QAM	1	1		15.28			
100	256QAM	1	1		15.40		17.0	0.0
Channel				649968	650000	650334	17.0	0.0
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	16.07	16.16	15.94	17.0	0.0
Channel				649334	650000	650668	17.0	0.0
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	16.12	16.12	16.01	17.0	0.0
Channel				648968	650000	651334	17.0	0.0
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	16.12	16.14	15.95	17.0	0.0
Channel				648334	650000	651668	17.0	0.0
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	16.12	16.12	16.01	17.0	0.0
Channel				648000	650000	652000	17.0	0.0
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	16.10	16.16	16.00	17.0	0.0
Channel				647668	650000	652334	17.0	0.0
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	16.16	16.18	16.02	17.0	0.0
Channel				647334	650000	652668	17.0	0.0
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	16.07	16.12	16.09	17.0	0.0
Channel				647168	650000	652834	17.0	0.0
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	16.17	16.10	15.95	17.0	0.0
Channel				647000	650000	653000	17.0	0.0
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	16.14	16.14	16.03	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3840	3930		
100	Pl/2 BPSK	1	1	15.60	15.68	15.57	17.5	0.0
100	Pl/2 BPSK	1	137	16.09	16.19	16.08		
100	Pl/2 BPSK	1	271	15.79	15.85	15.76		
100	Pl/2 BPSK	135	0	15.94	16.03	15.87		
100	Pl/2 BPSK	135	69	16.30	16.44	16.20	17.5	0.0
100	Pl/2 BPSK	135	138	16.34	16.15	15.98	17.5	0.0
100	Pl/2 BPSK	270	0	15.87	15.84	15.93	17.5	0.0
100	QPSK	1	1	15.64	15.64	15.66		
100	QPSK	1	137	16.31	16.49	16.23		
100	QPSK	1	271	15.88	15.78	15.77		
100	QPSK	135	0	15.71	15.67	15.73	17.5	0.0
100	QPSK	135	69	16.21	16.48	16.31	17.5	0.0
100	QPSK	135	138	15.83	15.96	15.76	17.5	0.0
100	QPSK	270	0	15.99	16.24	15.88	17.5	0.0
100	16QAM	1	1	15.54	15.58	15.56		
100	64QAM	1	1	15.56	15.58	15.51		
100	256QAM	1	1	15.82	15.91	15.77		
Channel				649968	650000	650234	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01	17.5	0.0
90	QPSK	1	123 <td>16.16<td>16.41<td>16.07</td></td></td>	16.16 <td>16.41<td>16.07</td></td>	16.41 <td>16.07</td>	16.07		
Channel				649334	650000	650268	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02	17.5	0.0
80	QPSK	1	109 <td>16.12<td>16.45<td>16.08</td></td></td>	16.12 <td>16.45<td>16.08</td></td>	16.45 <td>16.08</td>	16.08		
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01	17.5	0.0
60	QPSK	1	81 <td>16.19<td>16.42<td>16.15</td></td></td>	16.19 <td>16.42<td>16.15</td></td>	16.42 <td>16.15</td>	16.15		
Channel				648334	650000	650368	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3965.02	17.5	0.0
50	QPSK	1	67 <td>16.10<td>16.37<td>16.15</td></td></td>	16.10 <td>16.37<td>16.15</td></td>	16.37 <td>16.15</td>	16.15		
Channel				648000	650000	650400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	17.5	0.0
40	QPSK	1	53 <td>16.12<td>16.35<td>16.16</td></td></td>	16.12 <td>16.35<td>16.16</td></td>	16.35 <td>16.16</td>	16.16		
Channel				647668	650000	650434	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01	17.5	0.0
30	QPSK	1	39 <td>16.12<td>16.39<td>16.12</td></td></td>	16.12 <td>16.39<td>16.12</td></td>	16.39 <td>16.12</td>	16.12		
Channel				647334	650000	650468	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02	17.5	0.0
20	QPSK	1	26 <td>16.10<td>16.41<td>16.08</td></td></td>	16.10 <td>16.41<td>16.08</td></td>	16.41 <td>16.08</td>	16.08		
Channel				647168	650000	650484	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51	17.5	0.0
15	QPSK	1	19 <td>16.17<td>16.34<td>16.10</td></td></td>	16.17 <td>16.34<td>16.10</td></td>	16.34 <td>16.10</td>	16.10		
Channel				647000	650000	650500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	17.5	0.0
10	QPSK	1	12 <td>16.11<td>16.43<td>16.15</td></td></td>	16.11 <td>16.43<td>16.15</td></td>	16.43 <td>16.15</td>	16.15		

Part270 n78 PC3&3 Ant5 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		
Frequency (MHz)				3750	3760	3760		
100	Pl/2 BPSK	1	1		15.81		17.5	0.0
100	Pl/2 BPSK	1	137		16.34			
100	Pl/2 BPSK	1	271		16.06			
100	Pl/2 BPSK	135	0		16.36			
100	Pl/2 BPSK	135	69		16.38		17.5	0.0
100	Pl/2 BPSK	135	138		16.42		17.5	0.0
100	Pl/2 BPSK	270	0		16.00		17.5	0.0
100	QPSK	1	1		15.79			
100	QPSK	1	137		16.45			
100	QPSK	1	271		15.71			
100	QPSK	135	0		16.39		17.5	0.0
100	QPSK	135	69		16.40		17.5	0.0
100	QPSK	135	138		16.36		17.5	0.0
100	QPSK	270	0		16.39		17.5	0.0
100	16QAM	1	1		15.80			
100	64QAM	1	1		15.67			
100	256QAM	1	1		15.86			
Channel				649968	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3760	3765.01	(dBm)	(dB)
90	QPSK	1	123	16.30	16.21	16.37	17.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3760	3760.02	(dBm)	(dB)
80	QPSK	1	109	16.33	16.24	16.35	17.5	0.0
Channel				649668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3760	3770.01	(dBm)	(dB)
60	QPSK	1	81	16.34	16.29	16.36	17.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3760	3775.02	(dBm)	(dB)
50	QPSK	1	67	16.27	16.23	16.39	17.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3760	3780	(dBm)	(dB)
40	QPSK	1	53	16.27	16.30	16.35	17.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3760	3785.01	(dBm)	(dB)
30	QPSK	1	39	16.34	16.22	16.41	17.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3760	3790.02	(dBm)	(dB)
20	QPSK	1	26	16.23	16.27	16.39	17.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR
Frequency (MHz)				3707.52	3760	3792.51	(dBm)	(dB)
15	QPSK	1	19	16.35	16.27	16.31	17.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3760	3795	(dBm)	(dB)
10	QPSK	1	12	16.32	16.20	16.38	17.5	0.0

Part270 n77 PC2&3 Ant7 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				655000	655000	652000		
Frequency (MHz)				3750	3640	3930		
100	Pi/2 BPSK	1	1	18.15	18.31	18.14	20.0	0.0
100	Pi/2 BPSK	1	137	18.86	19.01	18.78		
100	Pi/2 BPSK	1	271	18.23	18.11	18.12		
100	Pi/2 BPSK	135	0	18.08	18.32	18.08	20.0	0.0
100	Pi/2 BPSK	135	69	18.87	18.99	18.73	20.0	0.0
100	Pi/2 BPSK	135	138	18.18	18.23	18.21	20.0	0.0
100	Pi/2 BPSK	270	0	18.19	18.25	18.18	20.0	0.0
100	QPSK	1	1	18.20	18.31	18.03		
100	QPSK	1	137	18.94	19.10	18.76		
100	QPSK	1	271	18.22	18.29	18.20	20.0	0.0
100	QPSK	135	0	18.11	18.27	18.12		
100	QPSK	135	69	18.86	19.00	18.59		
100	QPSK	135	138	18.26	18.21	18.22	20.0	0.0
100	QPSK	270	0	18.94	18.98	18.71	20.0	0.0
100	16QAM	1	1	18.84	18.92	18.75		
100	16QAM	1	1	18.73	18.90	18.83		
100	256QAM	1	1	18.87	18.89	18.76	20.0	0.0
Channel				649968	655000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3640	3935.01		
90	QPSK	1	123	18.89	18.87	18.81	20.0	0.0
Channel				649334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3740	3940.02		
80	QPSK	1	109	18.22	18.84	18.60	20.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3640	3960.01		
60	QPSK	1	81	18.86	18.87	18.76	20.0	0.0
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3640	3925.02		
50	QPSK	1	67	18.90	18.88	18.73	20.0	0.0
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3640	3960		
40	QPSK	1	53	18.84	18.86	18.77	20.0	0.0
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3640	3965.01		
30	QPSK	1	39	18.90	18.84	18.78	20.0	0.0
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3740	3970.02		
20	QPSK	1	26	18.85	18.91	18.79	20.0	0.0
Channel				647168	650000	654934	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3640	3972.51		
15	QPSK	1	19	18.94	18.90	18.81	20.0	0.0
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3640	3975		
10	QPSK	1	12	18.88	18.87	18.76	20.0	0.0

Part270 n78 PC2&3 Ant7 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		
Frequency (MHz)				3750	3750	3750		
100	Pi/2 BPSK	1	1		18.14		20.0	0.0
100	Pi/2 BPSK	1	137		18.89			
100	Pi/2 BPSK	1	271		18.12			
100	Pi/2 BPSK	135	0		18.29		20.0	0.0
100	Pi/2 BPSK	135	69		18.95		20.0	0.0
100	Pi/2 BPSK	135	138		18.15		20.0	0.0
100	Pi/2 BPSK	270	0		18.16		20.0	0.0
100	QPSK	1	1		18.22			
100	QPSK	1	137		19.05			
100	QPSK	1	271		18.20		20.0	0.0
100	QPSK	135	0		18.09			
100	QPSK	135	69		18.85			
100	QPSK	135	138		18.10		20.0	0.0
100	QPSK	270	0		18.93		20.0	0.0
100	16QAM	1	1		18.78			
100	16QAM	1	1		18.87			
100	256QAM	1	1		18.68		20.0	0.0
Channel				649968	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	18.71	18.73	18.74	20.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	18.80	18.79	18.04	20.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	18.79	18.82	18.71	20.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3725.02		
50	QPSK	1	67	18.71	18.78	18.67	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	18.78	18.72	18.70	20.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	18.72	18.72	18.67	20.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	18.72	18.79	18.69	20.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	18.75	18.73	18.73	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	18.76	18.78	18.71	20.0	0.0

Reduced Power Mode for DSI7 Simultaneous

Part270 n77 PC2&3 Ant2 DSI7 for ENDC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1		11.70	11.58	11.37	13.0	0.0	
100	PI/2 BPSK	1	137	11.83	12.04	11.72			
100	PI/2 BPSK	1	271	11.37	11.59	11.75	13.0	0.0	
100	PI/2 BPSK	135	0	11.37	11.49	11.60			
100	PI/2 BPSK	135	69	12.13	12.20	11.96	13.0	0.0	
100	PI/2 BPSK	135	138	11.79	12.19	11.99			
100	PI/2 BPSK	270	0	11.50	11.55	11.26	13.0	0.0	
100	QPSK	1	1	11.15	11.18	11.27			
100	QPSK	1	137	12.09	12.31	12.20	13.0	0.0	
100	QPSK	1	271	11.73	11.53	11.39			
100	QPSK	135	0	11.82	12.00	11.77	13.0	0.0	
100	QPSK	135	69	11.99	12.24	12.06			
100	QPSK	135	138	11.94	12.04	11.88	13.0	0.0	
100	QPSK	270	0	11.96	12.17	12.06			
100	16QAM	1	1	11.95	12.09	12.18	13.0	0.0	
100	64QAM	1	1	12.07	11.88	11.86			
100	256QAM	1	1	11.89	11.81	11.83	13.0	0.0	
Channel				649668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01	Tune-up limit (dBm)		MPR (dB)
90	QPSK	1	123	12.12	12.10	12.04	13.0	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02	Tune-up limit (dBm)		
80	QPSK	1	109	12.05	12.13	12.11	13.0	0.0	
Channel				649668	656000	663334			
Frequency (MHz)				3735.02	3840	3950.01	Tune-up limit (dBm)		
60	QPSK	1	81	12.08	12.15	12.11	13.0	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02	Tune-up limit (dBm)		
50	QPSK	1	67	12.06	12.04	12.11	13.0	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960	Tune-up limit (dBm)		
40	QPSK	1	53	12.08	12.15	12.04	13.0	0.0	
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01	Tune-up limit (dBm)		
30	QPSK	1	39	12.07	12.11	12.13	13.0	0.0	
Channel				647334	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02	Tune-up limit (dBm)		
20	QPSK	1	26	12.10	12.18	12.15	13.0	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51	Tune-up limit (dBm)		
15	QPSK	1	19	12.04	12.17	12.05	13.0	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975	Tune-up limit (dBm)		
10	QPSK	1	12	12.08	12.14	12.06	13.0	0.0	

Part270 n78 PC2&3 Ant2 DSI7 for ENDC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		11.15		13.0	0.0	
100	PI/2 BPSK	1	137		11.83				
100	PI/2 BPSK	1	271		11.51		13.0	0.0	
100	PI/2 BPSK	135	0		11.21				
100	PI/2 BPSK	135	69		11.71		13.0	0.0	
100	PI/2 BPSK	135	138		11.78				
100	PI/2 BPSK	270	0		11.02		13.0	0.0	
100	QPSK	1	1		11.11				
100	QPSK	1	137		12.25		13.0	0.0	
100	QPSK	1	271		11.12				
100	QPSK	135	0		11.79		13.0	0.0	
100	QPSK	135	69		11.81				
100	QPSK	135	138		11.89		13.0	0.0	
100	QPSK	270	0		11.73				
100	16QAM	1	1		11.72		13.0	0.0	
100	64QAM	1	1		11.75				
100	256QAM	1	1		11.47		13.0	0.0	
Channel				649668	650000	650334			
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123	12.21	12.13	12.16	13.0	0.0	
Channel				649334	650000	650668			
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	109	12.14	12.10	12.21	13.0	0.0	
Channel				649668	650000	651334			
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	81	12.11	12.21	12.21	13.0	0.0	
Channel				648334	650000	651668			
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	67	12.20	12.12	12.20	13.0	0.0	
Channel				648000	650000	652000			
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	53	12.10	12.13	12.21	13.0	0.0	
Channel				647668	650000	652334			
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	39	12.13	12.13	12.22	13.0	0.0	
Channel				647334	650000	652668			
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	26	12.08	12.22	12.23	13.0	0.0	
Channel				647168	650000	652834			
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	19	12.15	12.17	12.22	13.0	0.0	
Channel				647000	650000	653000			
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	12	12.03	12.24	12.21	13.0	0.0	
Channel									



WLAN&Bluetooth Power

2.4GHz WLAN				Ant 6 Full power		for Head Standalone&DBS Only		for Head non DBS		for Head DBS		for Hotspot non DBS		for Hotspot DBS		for Extremely non DBS		for Body worn Standalone		for Body worn DBS Only		for Body worn non DBS		for Body worn DBS		
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11b 1Mbps	1	2412	19.61	21.00	19.65	20.00	12.15	13.50	11.21	12.50	14.57	16.00	12.99	14.00	15.57	17.00	16.17	19.50	17.64	19.00	12.12	13.50	12.12	13.50	99.47
		6	2437	19.47	21.00	19.42	20.00	12.05	13.50	11.01	12.50	14.42	16.00	12.44	14.00	15.48	17.00	16.01	19.50	17.32	19.00	12.02	13.50	12.02	13.50	
		11	2462	19.54	21.00	18.58	20.00	12.00	13.50	11.12	12.50	14.48	16.00	12.52	14.00	15.50	17.00	16.14	19.50	17.41	19.00	12.03	13.50	12.03	13.50	
	802.11g 6Mbps	1	2412	17.82	19.00	17.82	19.00		13.50		12.50		16.00		14.00		17.00		19.00		19.00		13.50		14.00	96.97
		6	2437	18.79	20.50	18.24	19.00		13.50		12.50		16.00		14.00		17.00		19.50		19.00		13.50		14.00	
		11	2462	18.46	19.50	18.46	19.50		13.50		12.50		16.00		14.00		17.00		19.50		19.00		13.50		14.00	
	802.11n-HT20 MCS0	1	2412	15.73	17.00	15.73	17.00		13.50		12.50		16.00		14.00		17.00		17.00		17.00		13.50		14.00	96.12
		6	2437	18.47	20.00	18.47	19.50		13.50		12.50		16.00		14.00		17.00		19.50		19.00		13.50		14.00	
		11	2462	16.19	17.50	16.19	17.50		13.50		12.50		16.00		14.00		17.00		17.50		17.50		13.50		14.00	
	802.11n-HT40 MCS0	3	2422	13.80	15.00	13.80	15.00		13.50		12.50		15.00		14.00		15.00		15.00		15.00		13.50		14.00	93.49
		6	2437	16.56	18.00	16.56	18.00	Not Required	13.50	Not Required	12.50	Not Required	16.00	Not Required	14.00	Not Required	17.00	Not Required	18.00	Not Required	18.00	Not Required	13.50	Not Required	14.00	
		9	2452	15.11	16.50	15.11	16.50		13.50		12.50		16.00		14.00		17.00		16.50		16.50		13.50		14.00	
	802.11ax-HE20 MCS0	1	2412	15.83	17.00		17.00		13.50		12.50		16.00		14.00		17.00		17.00		17.00		13.50		14.00	95.48
		6	2437	18.53	20.00		20.00		13.50		12.50		16.00		14.00		17.00		19.50		19.00		13.50		14.00	
		11	2462	16.28	18.00		18.00		13.50		12.50		16.00		14.00		17.00		18.00		18.00		13.50		14.00	
	802.11ax-HE40 MCS0	3	2422	13.91	15.00		15.00	Not Required			13.50		12.50		15.00		14.00		15.00		15.00		13.50		14.00	92.21
		6	2437	16.67	18.00		18.00		13.50		12.50		16.00		14.00		17.00		18.00		18.00		13.50		14.00	
		9	2452	15.24	16.50		16.50		13.50		12.50		16.00		14.00		17.00		16.50		16.50		13.50		14.00	

5.2GHz WLAN				Ant 4 Full power		for Head Standalone		for Head non DBS		for Hotspot non DBS		for Extremely non DBS		for Body worn Standalone		for Body worn non DBS			
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
	802.11a 6Mbps	36	5180	16.31	17.50		14.00		9.00		13.00		15.00		15.00		10.50	96.77	
		40	5200	16.63	18.00		14.00		9.00		13.00		15.00		15.00		10.50		
		44	5220	16.62	18.00		14.00		9.00		13.00		15.00		15.00		10.50		
	802.11n-HT20 MCS0	48	5240	16.39	18.00		14.00		9.00		13.00		15.00		15.00		10.50	96.77	
		36	5180	16.47	18.00		14.00		9.00		13.00	Not Required	15.00	Not Required	15.00		10.50		
		40	5200	17.02	18.50		14.00		9.00		13.00		15.00		15.00		10.50		
	802.11n-HT40 MCS0	44	5220	17.28	18.50		14.00		9.00		13.00		15.00		15.00		10.50	93.67	
		48	5240	16.63	18.00	Not Required	14.00	Not Required	9.00	Not Required	13.00		15.00		15.00	Not Required	10.50		
		38	5190	13.31	15.00		14.00		9.00		13.00	13.31	15.00	13.31	15.00		10.50		
	802.11ac-VHT20 MCS0	46	31	16.32	18.00		14.00		9.00		13.00		13.77	15.50	15.28	17.00		10.50	96.79
		36	5180	16.49	18.00		14.00		9.00		13.00		15.00		15.00		10.50		
		40	5200	17.07	18.50		14.00		9.00		13.00		15.00		15.00		10.50		
	802.11ac-VHT40 MCS0	44	5220	17.31	18.50		14.00		9.00		13.00		15.00		15.00		10.50	93.76	
		48	5240	16.68	18.00		14.00		9.00		13.00		15.00		15.00		10.50		
		38	5190	13.34	15.00		14.00		9.00		13.00		15.00		15.00		10.50		
	802.11ac-VHT80 MCS0	46	5230	16.39	18.00		14.00		9.00		13.00		15.00		15.00		10.50	87.45	
		42	5210	12.51	14.00	12.51	14.00	7.45	9.00	11.49	13.00		14.00		14.00	9.12	10.50		
		36	5180	16.57	18.00		14.00		9.00		13.00	Not Required	15.00	Not Required	15.00		10.50		
	802.11ax-HE20 MCS0	40	5200	17.16	18.50		14.00		9.00		13.00		15.00		15.00		10.50	95.88	
		44	5220	17.39	18.50		14.00		9.00		13.00		15.00		15.00		10.50		
		48	5240	16.76	18.00		14.00		9.00		13.00		15.00		15.00		10.50		
	802.11ax-HE40 MCS0	38	5190	13.44	15.00	Not Required	14.00	Not Required	9.00	Not Required	13.00		15.00		15.00	Not Required	10.50	91.98	
		46	5230	16.52	18.00		14.00		9.00		13.00		15.00		15.00		10.50		
		42	5210	12.91	14.00		14.00		9.00		13.00		14.00		14.00		10.50		79.92

5.3GHz WLAN				Ant 4 Full power		for Head Standalone		for Head non DBS		for Extremely non DBS		for Body worn Standalone		for Body worn non DBS			
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
	802.11a 6Mbps	52	5260	16.08	17.50		14.00		9.00		15.00		15.50		10.50	96.77	
		56	5280	16.12	17.50		14.00		9.00		15.00		15.50		10.50		
		60	5300	16.16	17.50		14.00		9.00		15.00		15.50		10.50		
		64	5320	16.23	17.50		14.00		9.00		15.00		15.50		10.50		
	802.11n-HT20 MCS0	52	5260	16.70	18.00		14.00		9.00		15.00	Not Required	15.50	Not Required	15.50	10.50	96.77
		56	5280	16.65	18.00		14.00		9.00		15.00		15.50		10.50		
		60	5300	16.47	18.00		14.00		9.00		15.00		15.50		10.50		
		64	5320	16.35	18.00		14.00		9.00		15.00		15.50		10.50		
	802.11n-HT40 MCS0	54	5270	16.31	18.00	Not Required	14.00	Not Required	9.00	13.86	15.50	15.42	17.00	Not Required	10.50	93.67	
		62	5310	14.14	15.50		14.00		9.00	13.65	15.00	14.14	15.50		10.50		
		52	5260	16.76	18.00		14.00		9.00		15.00		15.50		10.50		
		56	5280	16.72	18.00		14.00		9.00		15.00		15.50		10.50		
	802.11ac-VHT20 MCS0	60	5300	16.55	18.00		14.00		9.00		15.00		15.50		10.50	96.79	
		64	5320	16.41	18.00		14.00		9.00		15.00		15.50		10.50		
		54	5270	16.36	18.00		14.00		9.00		15.00		15.50		10.50		
		62	5310	14.16	15.50		14.00		9.00		15.00		15.50		10.50		
	802.11ac-VHT40 MCS0	54	5270	16.36	18.00		14.00		9.00		15.00		15.50		10.50	93.76	
	802.11ac-VHT80 MCS0	62	5310	14.16	15.50		14.00		9.00		15.00		15.50		10.50	87.45	
		58	5290	12.76	14.00	12.76	14.00	7.61	9.00		14.00		14.00	9.32	10.50		
		52	5260	16.86	18.00		14.00		9.00	Not Required	15.00	Not Required	15.50		10.50		
56		5280	16.83	18.00		14.00		9.00		15.00		15.50		10.50			
802.11ax-HE20 MCS0	60	5300	16.65	18.00		14.00		9.00		15.00		15.50		10.50	95.88		
	64	5320	16.50	18.00		14.00		9.00		15.00		15.50		10.50			
	54	5270	16.51	18.00		14.00		9.00		15.00		15.50		10.50			
	62	5310	14.28	15.50	Not Required	14.00	Not Required	9.00		15.00		15.50	Not Required	10.50			
802.11ax-HE40 MCS0	54	5270	16.51	18.00		14.00		9.00		15.00		15.50		10.50	91.98		
802.11ax-HE40 MCS0	62	5310	14.28	15.50		14.00		9.00		15.00		15.50		10.50	91.98		
	58	5290	13.12	14.00		14.00		9.00		14.00		14.00		10.50			
802.11ax-HE80 MCS0	58	5290	13.12	14.00		14.00		9.00		14.00		14.00		10.50	79.92		

5.8GHz WLAN				Art 4 Full power		for Head Standalone		for Head non DBS		for Extremity non DBS		for Body worn Standalone		for Body worn non DBS			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.8GHz WLAN	802.11a 6Mbps	100	5500	16.31	18.00		13.00		8.00		15.50		16.00		10.00	96.77	
		116	5580	16.45	18.00		13.00		8.00		15.50		16.00		10.00		
		124	5620	16.50	18.00		13.00		8.00		15.50		16.00		10.00		
		132	5660	16.52	18.00		13.00		8.00		15.50		16.00		10.00		
		140	5700	16.58	18.00		13.00		8.00		15.50		16.00		10.00		
		144	5720	16.63	18.00		13.00		8.00		15.50		16.00		10.00		
	802.11n-HT20 MCS0	100	5500	16.36	18.00		13.00		8.00	Not Required		15.50		16.00		10.00	96.77
		116	5580	16.68	18.00		13.00		8.00		15.50		16.00		10.00		
		124	5620	16.77	18.00		13.00		8.00		15.50		16.00		10.00		
		132	5660	16.67	18.00		13.00		8.00		15.50		16.00		10.00		
		140	5700	16.63	18.00		13.00		8.00		15.50		16.00		10.00		
		144	5720	16.66	18.00		13.00		8.00		15.50		16.00		10.00		
	802.11n-HT40 MCS0	102	5510	15.70	17.50		13.00		8.00		13.67	15.50		16.00		10.00	93.67
		110	5550	16.57	18.00	Not Required	13.00	Not Required	8.00	14.14	15.50	Not Required		16.00	Not Required	10.00	
		126	5630	16.62	18.00		13.00		8.00	14.15	15.50		16.00		10.00		
		134	5670	16.51	18.00		13.00		8.00	14.08	15.50		16.00		10.00		
		142	5710	16.82	18.00		13.00		8.00	14.27	15.50		16.00		10.00		
		100	5500	16.40	18.00		13.00		8.00				16.00		10.00		
	802.11ac-VHT20 MCS0	116	5580	16.73	18.00		13.00		8.00		15.50		16.00		10.00	96.79	
		124	5620	16.80	18.00		13.00		8.00		15.50		16.00		10.00		
		132	5660	16.69	18.00		13.00		8.00		15.50		16.00		10.00		
		140	5700	16.70	18.00		13.00		8.00		15.50		16.00		10.00		
		144	5720	16.71	18.00		13.00		8.00		15.50		16.00		10.00		
		102	5510	15.74	17.50		13.00		8.00		15.50		16.00		10.00		
	802.11ac-VHT40 MCS0	110	5550	16.63	18.00		13.00		8.00		15.50		16.00		10.00	93.76	
		126	5630	16.70	18.00		13.00		8.00		15.50		16.00		10.00		
		134	5670	16.60	18.00		13.00		8.00		15.50		16.00		10.00		
		142	5710	16.87	18.00		13.00		8.00		15.50		16.00		10.00		
		106	5530	12.65	14.00	11.72	13.00	6.71	8.00		15.50	12.65	14.00	8.59	10.00		
		122	5610	16.14	17.50	12.21	13.50	7.21	8.50		15.50	14.55	16.00	9.08	10.00		
	802.11ac-VHT80 MCS0	138	5690	16.10	17.50	12.22	13.50	7.25	8.50	Not Required	15.50	14.61	16.00	9.05	10.00	87.45	
		100	5500	16.51	18.00		13.00		8.00		15.50		16.00		10.00		
		116	5580	16.85	18.00		13.00		8.00		15.50		16.00		10.00		
		124	5620	16.89	18.00		13.00		8.00		15.50		16.00		10.00		
		132	5660	16.76	18.00		13.00		8.00		15.50		16.00		10.00		
		140	5700	16.79	18.00		13.00		8.00		15.50		16.00		10.00		
	802.11ax-HE20 MCS0	144	5720	16.81	18.00		13.00		8.00		15.50		16.00		10.00	95.88	
		102	5510	15.84	17.50	Not Required	13.00	Not Required	8.00		15.50		16.00		10.00		
		110	5550	16.74	18.00		13.00		8.00		15.50	Not Required		16.00	Not Required		10.00
		126	5630	16.83	18.00		13.00		8.00		15.50		16.00		10.00		
		134	5670	16.74	18.00		13.00		8.00		15.50		16.00		10.00		
		142	5710	16.99	18.00		13.00		8.00		15.50		16.00		10.00		
	802.11ax-HE40 MCS0	106	5530	13.03	14.00		13.00		8.00		15.50		14.00		10.00	91.98	
		122	5610	16.59	17.50		13.00		8.00		15.50		16.00		10.00		
		138	5690	16.56	17.50		13.00		8.00		15.50		16.00		10.00		
100		5500	16.40	18.00		13.00		8.00		15.50		16.00		10.00			
116		5580	16.73	18.00		13.00		8.00		15.50		16.00		10.00			
124		5620	16.80	18.00		13.00		8.00		15.50		16.00		10.00			
802.11ax-HE80 MCS0	132	5660	16.69	18.00		13.00		8.00		15.50		16.00		10.00	79.92		
	140	5700	16.70	18.00		13.00		8.00		15.50		16.00		10.00			
	144	5720	16.71	18.00		13.00		8.00		15.50		16.00		10.00			
	102	5510	15.74	17.50		13.00		8.00		15.50		16.00		10.00			
	110	5550	16.63	18.00		13.00		8.00		15.50		16.00		10.00			
	126	5630	16.70	18.00		13.00		8.00		15.50		16.00		10.00			

5.8GHz WLAN Art 4				Art 4 Full power		for Head Standalone		for Head non DBS		for Hotspot non DBS		for Extremity non DBS		for Body worn Standalone		for Body worn non DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	18.61	20.00		16.50		10.00		14.00		16.00		17.50		12.50	96.77
		157	5785	18.70	20.00		16.50		10.00		14.00		16.00		17.50		12.50	
		165	5825	18.65	20.00		16.50		10.00		14.00		16.00		17.50		12.50	
	802.11n-HT20 MCS0	149	5745	18.49	20.00		16.50		10.00		14.00		16.00		17.50		12.50	96.77
		157	5785	18.57	20.00		16.50		10.00		14.00		16.00		17.50		12.50	
		165	5825	18.62	20.00		16.50		10.00		14.00		16.00		17.50		12.50	
	802.11n-HT40 MCS0	151	5755	16.69	18.00	Not Required	16.50	Not Required	10.00	14.00	Not Required	16.00	Not Required	17.50	Not Required	12.50	93.67	
		159	5795	16.71	18.00		16.50		10.00	14.00		16.00		17.50		12.50		
		149	5745	18.56	20.00		16.50		10.00	14.00		16.00		17.50		12.50		
	802.11ac-VHT20 MCS0	157	5785	18.62	20.00		16.50		10.00	14.00		16.00		17.50		12.50	96.79	
		165	5825	18.68	20.00		16.50		10.00	14.00		16.00		17.50		12.50		
		151	5755	16.74	18.00		16.50		10.00	14.00		16.00		17.50		12.50	93.76	
	802.11ac-VHT40 MCS0	159	5795	16.78	18.00		16.50		10.00	14.00		16.00		17.50		12.50		
		155	5775	16.25	18.00	14.95	16.50	8.37	10.00	12.28	14.00	14.57	16.00	15.84	17.50	10.85	12.50	87.45
	802.11ax-HE20 MCS0	149	5745	18.66	20.00		16.50		10.00	14.00		16.00		17.50		12.50	95.88	
		157	5785	18.69	20.00		16.50		10.00	14.00		16.00		17.50		12.50		
		165	5825	18.77	20.00		16.50		10.00	14.00		16.00		17.50		12.50		
	802.11ax-HE40 MCS0	151	5755	16.89	18.00	Not Required	16.50	Not Required	10.00	14.00	Not Required	16.00	Not Required	17.50	Not Required	12.50	91.98	
		159	5795	16.92	18.00		16.50		10.00	14.00		16.00		17.50		12.50		
	802.11ax-HE80 MCS0	155	5775	16.70	18.00		16.50		10.00	14.00		16.00		17.50		12.50	79.92	

2.4GHz WLAN Ant 3				Ant 3 Full power		for Head Standalone		for Head non DBS for Body worn non DBS		for Hotspot non DBS		for Extremity non DBS		for Body worn Standalone		
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11b 1Mbps	1	2412	18.15	20.50	18.22	19.50	11.75	13.00	14.06	15.50	15.17	16.50	17.81	19.00	99.47
		6	2437	16.56	21.00	16.62	20.00	12.21	13.50	14.51	16.00	15.67	17.00	16.11	19.50	
		11	2462	18.05	20.50	18.14	19.50	11.69	13.00	14.12	15.50	15.21	16.50	17.65	19.00	
	802.11g 6Mbps	1	2412	17.19	18.50	17.19	18.50		13.00		15.50		16.50		18.50	96.97
		6	2437	18.82	20.50	18.36	19.00		13.00		15.50		16.50		19.00	
		11	2462	17.89	19.50	17.89	19.50		13.00		15.50		16.50		19.00	
	802.11n-HT20 MCS0	1	2412	15.30	17.00	15.30	17.00		13.00		15.50		16.50		17.00	96.77
		6	2437	18.50	20.00	18.50	19.50		13.00		15.50		16.50		19.00	
		11	2462	16.10	17.50	16.10	17.50		13.00		15.50		16.50		17.50	
	802.11n-HT40 MCS0	3	2422	13.46	15.00	13.46	15.00		13.00		15.00		15.00		15.00	93.28
		6	2437	16.51	18.00	16.51	18.00	Not Required		Not Required		Not Required		Not Required	18.00	
		9	2452	14.94	16.50	14.84	16.50		13.00		15.50		16.50		16.50	
	802.11ax-HE20 MCS0	1	2412	15.44	17.00		17.00		13.00		15.50		16.50		17.00	94.97
		6	2437	18.61	20.00		20.00		13.00		15.50		16.50		19.00	
		11	2462	16.25	18.00	Not Required	18.00		13.00		15.50		16.50		18.00	
	802.11ax-HE40 MCS0	3	2422	13.54	15.00		15.00		13.00		15.00		15.00		15.00	92.75
		6	2437	16.59	18.00		18.00		13.00		15.50		16.50		18.00	
		9	2452	14.91	16.50		16.50		13.00		15.50		16.50		16.50	

5.2GHz WLAN Ant 5				Ant 5 Full power		for Head Standalone		for Head non DBS		for Head DBS Only for Hotspot non DBS		for Head DBS		for Hotspot DBS		for Extremely non DBS for Body worn Standalone		for Body worn DBS Only		for Body worn non DBS		for Body worn DBS			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.80	18.00		14.50		9.50		13.50		8.50		11.50		15.00		15.00		11.00		10.50	96.97	
		40	5200	17.16	18.50		14.50		9.50		13.50		8.50		11.50		15.00		15.00		11.00		10.50		
		44	5220	17.00	18.50		14.50		9.50		13.50		8.50		11.50		15.00		15.00		11.00		10.50		
	802.11n-HT20 MCS0	48	5240	16.79	18.50		14.50		9.50		13.50		8.50		11.50		Not Required		Not Required		15.00		11.00		10.50
		36	5180	17.20	18.50		14.50		9.50		13.50		8.50		11.50		Not Required		Not Required		15.00		11.00		10.50
		40	5200	17.79	19.00		14.50		9.50		13.50		8.50		11.50		Not Required		Not Required		15.00		11.00		10.50
	802.11n-HT40 MCS0	44	5220	17.80	19.00		14.50		9.50		13.50		8.50		11.50		Not Required		Not Required		15.00		11.00		10.50
		48	5240	17.13	19.00	Not Required	14.50	Not Required	9.50	Not Required	13.50	Not Required	8.50	Not Required	11.50	15.00	14.04	15.00	14.04	15.00	Not Required	11.00	Not Required	10.50	
		38	5190	14.04	15.00		14.50		9.50		13.50		8.50		11.50		14.20	15.50	14.71	16.00		11.00		10.50	
	802.11ac-VHT20 MCS0	46	5230	16.66	18.00		14.50		9.50		13.50		8.50		11.50		14.20	15.50	14.71	16.00		11.00		10.50	
		36	5180	17.36	18.50		14.50		9.50		13.50		8.50		11.50		14.20	15.50	14.71	16.00		11.00		10.50	
		40	5200	17.87	19.00		14.50		9.50		13.50		8.50		11.50		15.00		15.00		11.00		10.50		
	802.11ac-VHT40 MCS0	44	5220	17.89	19.00		14.50		9.50		13.50		8.50		11.50		15.00		15.00		11.00		10.50	96.26	
		48	5240	17.24	19.00		14.50		9.50		13.50		8.50		11.50		15.00		15.00		11.00		10.50		
		38	5190	14.06	15.00		14.50		9.50		13.50		8.50		11.50		15.00		15.00		11.00		10.50		
	802.11ac-VHT80 MCS0	46	5230	16.72	18.00		14.50		9.50		13.50		8.50		11.50		15.00		15.00		11.00		10.50	93.37	
		42	5210	12.95	14.50	12.95	14.50	7.92	9.50	11.95	13.50	6.85	8.50	10.17	11.50		14.50		14.50	9.51	11.00	9.01	10.50		
		802.11ax-HE20 MCS0	36	5180	17.39	18.50		14.50		9.50		13.50		8.50		11.50		Not Required		Not Required		15.00		11.00	
	40		5200	17.93	19.00		14.50		9.50		13.50		8.50		11.50		Not Required		Not Required		15.00		11.00		10.50
	44		5220	17.94	19.00		14.50		9.50		13.50		8.50		11.50		Not Required		Not Required		15.00		11.00		10.50
	802.11ax-HE40 MCS0	48	5240	17.31	19.00	Not Required	14.50	Not Required	9.50	Not Required	13.50	Not Required	8.50	Not Required	11.50	15.00	15.00	15.00	15.00	15.00	Not Required	11.00	Not Required	10.50	
		38	5190	14.12	15.00		14.50		9.50		13.50		8.50		11.50		15.00		15.00		11.00		10.50	92.52	
		46	5230	16.80	18.00		14.50		9.50		13.50		8.50		11.50		15.00		15.00		11.00		10.50		
	802.11ax-HE80 MCS0	42	5210	13.35	14.50		14.50		9.50		13.50		8.50		11.50		14.50		14.50		11.00		10.50	79.92	

5.3GHz WLAN Ant 5				Ant 5 Full power		for Head Standalone		for Head non DBS		for Head DBS Only		for Head DBS		for Extremity non DBS		for Body worn Standalone		for Body worn DBS Only		for Body worn non DBS		for Body worn DBS				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.3GHz WLAN	802.11a 6Mbps	52	5260	16.73	18.00		15.00		10.00		14.00		9.00		15.00		16.00		16.00		11.50		11.00		96.97	
		56	5280	16.66	18.00		15.00		10.00		14.00		9.00		15.00		16.00		16.00		11.50		11.00			
		60	5300	16.70	18.00		15.00		10.00		14.00		9.00		15.00		16.00		16.00		11.50		11.00			
		64	5320	16.74	18.00		15.00		10.00		14.00		9.00		15.00		16.00		16.00		11.50		11.00			
	802.11n-HT20 MCS0	52	5260	17.56	18.50		15.00		10.00		14.00		9.00	Not Required	15.00	Not Required	16.00	Not Required	16.00		11.50		11.00		96.77	
		56	5280	17.52	18.50		15.00		10.00		14.00		9.00	Not Required	15.00	Not Required	16.00	Not Required	16.00		11.50		11.00			
		60	5300	17.06	18.50		15.00		10.00		14.00		9.00	Not Required	15.00	Not Required	16.00	Not Required	16.00		11.50		11.00			
		64	5320	17.08	18.50	Not Required	15.00	Not Required	10.00	Not Required	14.00	Not Required	9.00	Not Required	15.00	15.48	16.00	Not Required	16.00	Not Required	11.50	Not Required	11.00			
	802.11n-HT40 MCS0	54	5270	16.34	18.00		15.00		10.00		14.00		9.00	14.15	15.50	15.48	17.00	14.48	16.00		11.50		11.00		93.29	
		62	5310	14.91	16.00		15.00		10.00		14.00		9.00	14.27	15.50	14.91	16.00	14.91	16.00		11.50		11.00			
	802.11ac-VHT20 MCS0	52	5260	17.63	18.50		15.00		10.00		14.00		9.00		15.00		16.00		16.00		11.50		11.00		96.26	
		56	5280	17.60	18.50		15.00		10.00		14.00		9.00		15.00		16.00		16.00		11.50		11.00			
		60	5300	17.12	18.50		15.00		10.00		14.00		9.00		15.00		16.00		16.00		11.50		11.00			
		64	5320	17.20	18.50		15.00		10.00		14.00		9.00		15.00		16.00		16.00		11.50		11.00			
		802.11ac-VHT40 MCS0	54	5270	16.84	18.00		15.00		10.00		14.00		9.00		15.00		16.00		16.00		11.50		11.00		93.37
			62	5310	14.95	16.00		15.00		10.00		14.00		9.00		15.00		16.00		16.00		11.50		11.00		
		802.11ac-VHT80 MCS0	58	5290	13.56	15.00	13.56	15.00	8.42	10.00	12.41	14.00	7.37	9.00		15.00		15.00		15.00	10.07	11.50	9.57	11.00		88.23
			52	5260	17.70	18.50		15.00		10.00		14.00		9.00	Not Required	15.00	Not Required	16.00	Not Required	16.00		11.50	Not Required	11.00		
			56	5280	17.66	18.50		15.00		10.00		14.00		9.00	Not Required	15.00	Not Required	16.00	Not Required	16.00		11.50	Not Required	11.00		
			60	5300	17.16	18.50		15.00		10.00		14.00		9.00	Not Required	15.00	Not Required	16.00	Not Required	16.00		11.50	Not Required	11.00		
		802.11ac-HE40 MCS0	64	5320	17.24	18.50	Not Required	15.00	Not Required	10.00	Not Required	14.00	Not Required	9.00	Not Required	15.00	Not Required	16.00	Not Required	16.00	Not Required	11.50	Not Required	11.00		92.52
			54	5270	16.95	18.00		15.00		10.00		14.00		9.00		15.00		16.00		16.00		11.50		11.00		
	62	5310	15.02	16.00		15.00		10.00		14.00		9.00		15.00		16.00		16.00		11.50		11.00				
	802.11ac-HE80 MCS0	58	5290	13.88	15.00		15.00		10.00		14.00		9.00		15.00		15.00		15.00		11.50		11.00		79.92	

	5.5GHz WLAN Ant 5				Ant 5 Full power		for Head Standalone for Head DBS Only		for Head non DBS		for Head DBS		for Extremely non DBS		for Body worn Standalone for Body worn DBS Only		for Body worn non DBS for Body worn DBS		Duty Cycl %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
5.5GHz WLAN	802.11a 6Mbps	100	5300	16.64	18.00		13.30		8.50		7.50			15.50		14.50		10.50	96.97
		116	5580	16.60	18.00		13.30		8.50		7.50			15.50		14.50		10.50	
		124	5620	16.56	18.00		13.30		8.50		7.50			15.50		14.50		10.50	
		132	5660	16.60	18.00		13.30		8.50		7.50			15.50		14.50		10.50	
		140	5700	16.65	18.00		13.30		8.50		7.50			15.50		14.50		10.50	
	802.11n-HT20 MCS0	144	5720	16.61	18.00		13.30		8.50		7.50	Not Required	15.50		14.50		10.50	96.77	
		100	5500	16.94	18.00		13.30		8.50		7.50		15.50		14.50		10.50		
		116	5580	16.79	18.00		13.30		8.50		7.50		15.50		14.50		10.50		
		124	5620	16.95	18.50		13.30		8.50		7.50		15.50		14.50		10.50		
		132	5660	16.98	18.50		13.30		8.50		7.50		15.50		14.50		10.50		
	802.11n-HT40 MCS0	140	5700	17.04	18.50		13.30		8.50		7.50		15.50		14.50		10.50	93.29	
		144	5720	17.01	18.50		13.30		8.50		7.50		15.50		14.50		10.50		
		102	5510	16.19	17.50		13.30		8.50		7.50	14.21	15.50		14.50		10.50		
		110	5550	16.65	18.00	Not Required	13.30	Not Required	8.50	Not Required	7.50	14.18	15.50	Not Required	14.50	Not Required	10.50		
		128	5630	16.40	18.00		13.30		8.50		7.50	14.02	15.50		14.50		10.50		
	802.11ac-VHT20 MCS0	134	5670	16.21	18.00		13.30		8.50		7.50	13.62	15.50		14.50		10.50	96.26	
		142	5710	16.34	18.00		13.30		8.50		7.50	13.88	15.50		14.50		10.50		
		100	5300	17.02	18.00		13.30		8.50		7.50		15.50		14.50		10.50		
		116	5580	16.69	18.00		13.30		8.50		7.50		15.50		14.50		10.50		
		124	5620	17.04	18.50		13.30		8.50		7.50		15.50		14.50		10.50		
	802.11ac-VHT40 MCS0	132	5660	17.06	18.50		13.30		8.50		7.50		15.50		14.50		10.50	93.37	
		140	5700	17.13	18.50		13.30		8.50		7.50		15.50		14.50		10.50		
		144	5720	17.07	18.50		13.30		8.50		7.50		15.50		14.50		10.50		
		102	5510	16.23	17.50		13.30		8.50		7.50		15.50		14.50		10.50		
		110	5550	16.69	18.00		13.30		8.50		7.50		15.50		14.50		10.50		
	802.11ac-VHT80 MCS0	126	5630	16.43	18.00		13.30		8.50		7.50		15.50		14.50		10.50	88.23	
		134	5670	16.27	18.00		13.30		8.50		7.50		15.50		14.50		10.50		
		142	5710	16.41	18.00		13.30		8.50		7.50		15.50		14.50		10.50		
		108	5530	13.31	14.50	12.12	13.30	7.10	8.50	6.10	7.50		15.50	13.31	14.50	9.60	10.50		
		122	5610	15.95	17.50	12.22	13.30	7.15	8.50	6.18	7.50		15.50	14.51	16.00	9.77	10.50		
802.11ax-HE20 MCS0	138	5690	16.80	17.50	12.05	13.30	7.04	8.50	6.12	7.50	Not Required	15.50	14.35	16.00	9.61	10.50	95.89		
	100	5300	17.07	18.50		13.30		8.50		7.50		15.50		14.50		10.50			
	116	5580	16.97	18.50		13.30		8.50		7.50		15.50		14.50		10.50			
	124	5620	17.11	18.50		13.30		8.50		7.50		15.50		14.50		10.50			
	132	5660	17.09	18.50		13.30		8.50		7.50		15.50		14.50		10.50			
802.11ax-HE40 MCS0	140	5700	17.20	18.50		13.30		8.50		7.50		15.50		14.50		10.50	92.52		
	144	5720	17.11	18.50		13.30		8.50		7.50		15.50		14.50		10.50			
	102	5510	16.31	17.50	Not Required	13.30	Not Required	8.50	Not Required	7.50		15.50	Not Required	14.50	Not Required	10.50			
	110	5550	16.78	18.00		13.30		8.50		7.50		15.50		14.50		10.50			
	126	5630	16.53	18.00		13.30		8.50		7.50		15.50		14.50		10.50			
802.11ax-HE80 MCS0	134	5670	16.39	18.00		13.30		8.50		7.50		15.50		14.50		10.50	79.92		
	142	5710	16.51	18.00		13.30		8.50		7.50		15.50		14.50		10.50			
	108	5530	13.66	14.50		13.30		8.50		7.50		14.50		14.50		10.50			
	122	5610	16.40	17.50		13.30		8.50		7.50		15.50		14.50		10.50			
	138	5690	16.28	17.50		13.30		8.50		7.50		15.50		14.50		10.50			

	5.8GHz WLAN Ant 5				Ant 5 Full power		for Head Standalone		for Head non DBS		for Head DBS Only		for Head DBS		for Hotspot non DBS		for Hotspot DBS		for Externly non DBS		for Body worn Standalone for Body worn DBS Only		for Body worn non DBS		for Body worn DBS		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit		
5.8GHz WLAN	802.11a @Mbps	149	5745	18.14	20.00		16.00		9.50		14.50		8.50		13.50		10.50		15.50		17.00		12.00		11.50	96.97	
		157	5785	18.24	20.00		16.00		9.50		14.50		8.50		13.50		10.50		15.50		17.00		12.00		11.50		
		165	5825	18.17	20.00		16.00		9.50		14.50		8.50		13.50		10.50		15.50		17.00		12.00		11.50		
	802.11n-HT20 MCS0	149	5745	18.12	20.00		16.00		9.50		14.50		8.50		13.50		10.50		15.50		17.00		12.00		11.50	96.77	
		157	5785	18.03	20.00		16.00		9.50		14.50		8.50		13.50		10.50		15.50		17.00		12.00		11.50		
		165	5825	18.01	20.00		16.00		9.50		14.50		8.50		13.50		10.50		15.50		17.00		12.00		11.50		
	802.11n-HT40 MCS0	151	5755	18.06	20.00	Not Required		Not Required		9.50	Not Required	14.50	Not Required	8.50	Not Required	13.50	Not Required	10.50	Not Required	15.50	Not Required	17.00	Not Required	12.00	Not Required	11.50	93.29
		159	5795	16.31	18.00		16.00		9.50		14.50		8.50		13.50		10.50		15.50		17.00		12.00		11.50		
	802.11ac-VHT20 MCS0	149	5745	18.21	20.00		16.00		9.50		14.50		8.50		13.50		10.50		15.50		17.00		12.00		11.50	96.26	
		157	5785	18.14	20.00		16.00		9.50		14.50		8.50		13.50		10.50		15.50		17.00		12.00		11.50		
		165	5825	18.11	20.00		16.00		9.50		14.50		8.50		13.50		10.50		15.50		17.00		12.00		11.50		
	802.11ac-VHT40 MCS0	151	5755	16.40	18.00		16.00		9.50		14.50		8.50		13.50		10.50		15.50		17.00		12.00		11.50	93.37	
		159	5795	16.38	18.00		16.00		9.50		14.50		8.50		13.50		10.50		15.50		17.00		12.00		11.50		
	802.11ac-VHT80 MCS0	155	5775	15.93	17.50	14.72	16.00	8.11	9.50	13.22	14.50	7.31	8.50	11.95	13.50	9.33	10.50	14.27	15.50	15.70	17.00	10.61	12.00	10.41	11.50	88.23	
	802.11ax-HE30 MCS0	149	5745	18.26	20.00		16.00		9.50		14.50		8.50		13.50		10.50		15.50		17.00		12.00		11.50	95.89	
		157	5785	18.21	20.00		16.00		9.50		14.50		8.50		13.50		10.50		15.50		17.00		12.00		11.50		
		165	5825	18.19	20.00		16.00		9.50		14.50		8.50		13.50		10.50		15.50		17.00		12.00		11.50		
	802.11ax-HE40 MCS0	151	5755	16.49	18.00	Not Required		Not Required		9.50	Not Required	14.50	Not Required	8.50	Not Required	13.50	Not Required	10.50	Not Required	15.50	Not Required	17.00	Not Required	12.00	Not Required	11.50	92.52
		159	5795	16.46	18.00		16.00		9.50		14.50		8.50		13.50		10.50		15.50		17.00		12.00		11.50		
	802.11ax-HE80 MCS0	155	5775	16.40	17.50		16.00		9.50		14.50		8.50		13.50		10.50		15.50		17.00		12.00		11.50	79.92	

2.4GHz WLAN Ant 6+3				Ant6+3 Full Power		for Head Standalone		for Head non DBS		for Hotspot non DBS		for Extremity non DBS		for Body worn Standalone		for Body worn non DBS		
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11b 1Mbps	1	2412	22.40	23.80	21.44	22.80	14.95	16.30	17.32	18.80	18.37	19.80	20.99	22.30	14.95	16.30	99.47
		6	2437	22.53	24.00	21.52	23.00	15.13	16.50	17.47	19.00	18.53	20.00	21.06	22.50	15.10	16.00	
		11	2462	22.31	23.80	21.37	22.80	14.85	16.30	17.30	18.80	18.36	19.80	20.90	22.30	14.87	16.30	
	802.11g 6Mbps	1	2412	20.53	21.80	20.53	21.80		16.30		18.80		19.80		21.80		16.30	96.97
		6	2437	21.82	23.50	21.30	22.00		16.30		18.80		19.80		22.30		16.30	
		11	2462	21.19	22.50	21.19	22.50		16.30		18.80		19.80		22.30		16.30	
	802.11n-HT20 MCS0	1	2412	18.53	20.00	18.53	20.00		16.30		18.80		19.80		20.00		16.30	96.77
		6	2437	21.50	23.00	21.50	22.50		16.30		18.80		19.80		22.30		16.30	
		11	2462	19.16	20.50	19.16	20.50		16.30		18.80		19.80		20.50		16.30	
	802.11n-HT40 MCS0	3	2422	16.64	18.00	16.64	18.00		16.30		18.00		18.00		18.00		16.30	93.49
		6	2437	19.55	21.00	19.55	21.00	Not Required	16.30	Not Required	18.80	Not Required	19.80	Not Required	21.00	Not Required	16.30	
		9	2452	17.99	19.50	17.99	19.50		16.30		18.80		19.80		19.50		16.30	
	802.11ax-HE20 MCS0	1	2412	18.05	20.00		20.00		16.30		18.80		19.80		20.00		16.30	95.48
		6	2437	21.58	23.00		23.00		16.30		18.80		19.80		22.30		16.30	
		11	2462	19.28	21.00	Not Required	21.00		16.30		18.80		19.80		21.00		16.30	
	802.11ax-HE40 MCS0	3	2422	16.74	18.00		18.00		16.30		18.00		19.80		18.00		16.30	92.75
		6	2437	19.64	21.00		21.00		16.30		18.80		19.80		21.00		16.30	
		9	2452	18.09	19.50		19.50		16.30		18.80		19.80		19.50		16.30	

5.2GHz WLAN Ant 4+5				Ant4+5 Full Power		for Head Standalone		for Head non DBS		for Hotspot non DBS		for Extremity non DBS		for Body worn Standalone		for Body worn non DBS		
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	36	5180	19.58	20.80		17.30		12.30		16.30		18.00		18.00		13.80	96.97
		40	5200	19.92	21.30		17.30		12.30		16.30		18.00		18.00		13.80	
		44	5220	19.83	21.30		17.30		12.30		16.30		18.00		18.00		13.80	
	802.11n-HT20 MCS0	48	5240	19.61	21.30		17.30		12.30		16.30	Not Required	18.00	Not Required	18.00		13.80	96.77
		36	5180	19.91	21.30		17.30		12.30		16.30		18.00		18.00		13.80	
		40	5200	20.43	21.80		17.30		12.30		16.30		18.00		18.00		13.80	
	802.11n-HT40 MCS0	44	5220	20.56	21.80		17.30		12.30		16.30		18.00		18.00		13.80	93.67
		48	5240	19.90	21.60	Not Required	21.60	Not Required	12.30	Not Required	16.30		18.00		18.00	Not Required	13.80	
		38	5190	16.70	18.00		17.30		12.30		16.30	16.69	18.00	16.69	18.00		13.80	
	802.11ac-VHT20 MCS0	46	5230	19.51	21.00		17.30		12.30		16.30	16.69	18.50	16.48	20.00		13.80	96.79
		36	5180	19.96	21.30		17.30		12.30		16.30		18.00		18.00		13.80	
		40	5200	20.50	21.80		17.30		12.30		16.30		18.00		18.00		13.80	
	802.11ac-VHT40 MCS0	44	5220	20.62	21.80		17.30		12.30		16.30		18.00		18.00		13.80	93.76
		48	5240	19.98	21.60		17.30		12.30		16.30		18.00		18.00		13.80	
		38	5190	16.72	18.00		17.30		12.30		16.30		18.00		18.00		13.80	
	802.11ac-VHT80 MCS0	46	5230	19.57	21.00		17.30		12.30		16.30		18.00		18.00		13.80	88.23
		42	5210	15.75	17.30	15.74	17.30	10.69	12.30	14.73	16.30		17.30		17.30	11.82	13.80	
		36	5180	20.01	21.30		17.30		12.30		16.30	Not Required	18.00	Not Required	18.00		13.80	
	802.11ax-HE20 MCS0	40	5200	20.57	21.80		17.30		12.30		16.30		18.00		18.00		13.80	95.89
		44	5220	20.69	21.80		17.30		12.30		16.30		18.00		18.00		13.80	
		48	5240	20.06	21.60		17.30		12.30		16.30		18.00		18.00		13.80	
	802.11ax-HE40 MCS0	38	5190	16.80	18.00	Not Required	17.30	Not Required	12.30	Not Required	16.30		18.00		18.00	Not Required	13.80	92.52
		46	5230	19.67	21.00		17.30		12.30		16.30		18.00		18.00		13.80	
		42	5210	16.15	17.30		17.30		12.30		16.30		17.30		17.30		13.80	
	802.11ax-HE80 MCS0	42	5210	16.15	17.30		17.30		12.30		16.30		17.30		17.30		13.80	79.92

5.3GHz WLAN Ant 4+5				Ant4+5 Full Power		for Head Standalone		for Head non DBS		for Extremity non DBS		for Body worn Standalone		for Body worn non DBS		
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	52	5260	19.43	20.80		17.60		12.60		18.30		18.80		14.10	96.97
		56	5280	19.41	20.80		17.60		12.60		18.30		18.80		14.10	
		60	5300	19.45	20.80		17.60		12.60		18.30		18.80		14.10	
	802.11n-HT20 MCS0	64	5320	19.51	20.80		17.60		12.60		18.30		18.80		14.10	96.77
		52	5260	20.16	21.30		17.60		12.60	Not Required	18.30	Not Required	18.80		14.10	
		56	5280	20.12	21.30		17.60		12.60		18.30		18.80		14.10	
	802.11n-HT40 MCS0	60	5300	19.79	21.30		17.60		12.60		18.30		18.80		14.10	93.67
		64	5320	19.74	21.30	Not Required	17.60	Not Required	12.60	17.02	18.50	18.45	20.00	Not Required	14.10	
		54	5270	19.34	21.00		17.60		12.60	16.97	18.30	17.56	18.80		14.10	
	802.11ac-VHT20 MCS0	52	5260	20.23	21.30		17.60		12.60		18.30		18.80		14.10	96.79
		56	5280	20.19	21.30		17.60		12.60		18.30		18.80		14.10	
		60	5300	19.85	21.30		17.60		12.60		18.30		18.80		14.10	
	802.11ac-VHT40 MCS0	64	5320	19.83	21.30		17.60		12.60		18.30		18.80		14.10	93.76
		54	5270	19.62	21.00		17.60		12.60		18.30		18.80		14.10	
		62	5310	17.58	18.80		17.60		12.60		18.30		18.80		14.10	
	802.11ac-VHT80 MCS0	58	5290	16.19	17.60	16.19	17.60	11.03	12.60		18.30		17.60	12.71	14.10	88.23
		52	5260	20.31	21.30		17.60		12.60	Not Required	18.30	Not Required	18.80		14.10	95.89
		56	5280	20.28	21.30		17.60		12.60		18.30		18.80		14.10	
		60	5300	19.93	21.30		17.60		12.60		18.30		18.80		14.10	
	802.11ax-HE20 MCS0	64	5320	19.90	21.30		17.60		12.60		18.30		18.80		14.10	92.52
		54	5270	19.75	21.00	Not Required	17.60	Not Required	12.60		18.30		18.80	Not Required	14.10	
		62	5310	17.68	18.80		17.60		12.60		18.30		18.80		14.10	
	802.11ax-HE40 MCS0	58	5290	16.53	17.60		17.60		12.60		18.30		17.60		14.10	79.92

5.5GHz WLAN Ant 4+5				Ant4+5 Full Power		for Head Standalone		for Head non DBS		for Extremely non DBS		for Body worn Standalone		for Body worn non DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	19.49	21.00		16.30		11.30		18.50		17.30		13.50	96.97
		116	5580	19.54	21.00		16.30		11.30		18.50		17.30		13.50	
		124	5620	19.54	21.00		16.30		11.30		18.50		17.30		13.50	
		132	5660	19.57	21.00		16.30		11.30		18.50		17.30		13.50	
		140	5700	19.63	21.00		16.30		11.30		18.50		17.30		13.50	
	802.11n-HT20 MCS0	144	5720	19.63	21.00		16.30		11.30		18.50		17.30		13.50	96.77
		100	5500	19.67	21.00		16.30		11.30		18.50		17.30		13.50	
		116	5580	19.75	21.00		16.30		11.30		18.50		17.30		13.50	
		124	5620	19.87	21.30		16.30		11.30		18.50		17.30		13.50	
		132	5660	19.84	21.30		16.30		11.30		18.50		17.30		13.50	
	802.11n-HT40 MCS0	140	5700	19.85	21.30		16.30		11.30		18.50		17.30		13.50	93.67
		144	5720	19.85	21.30		16.30		11.30		18.50		17.30		13.50	
		102	5510	18.96	20.50		16.30		11.30	16.95	18.50		17.30		13.50	
		110	5550	19.62	21.00	Not Required	16.30	Not Required	11.30	17.16	18.50	Not Required	17.30	Not Required	13.50	
		126	5630	19.52	21.00		16.30		11.30	17.09	18.50		17.30		13.50	
	802.11ac-VHT20 MCS0	134	5670	19.38	21.00		16.30		11.30	16.95	18.50		17.30		13.50	96.79
		142	5710	19.60	21.00		16.30		11.30	17.08	18.50		17.30		13.50	
		100	5500	19.73	21.00		16.30		11.30		18.50		17.30		13.50	
		116	5580	19.82	21.00		16.30		11.30		18.50		17.30		13.50	
		124	5620	19.93	21.30		16.30		11.30		18.50		17.30		13.50	
	802.11ac-VHT40 MCS0	132	5660	19.89	21.30		16.30		11.30		18.50		17.30		13.50	93.76
		140	5700	19.93	21.30		16.30		11.30		18.50		17.30		13.50	
		144	5720	19.90	21.30		16.30		11.30		18.50		17.30		13.50	
		102	5510	19.00	20.50		16.30		11.30		18.50		17.30		13.50	
		110	5550	19.67	21.00		16.30		11.30		18.50		17.30		13.50	
	802.11ac-VHT80 MCS0	126	5630	19.58	21.00		16.30		11.30		18.50		17.30		13.50	88.23
		134	5670	19.45	21.00		16.30		11.30		18.50		17.30		13.50	
		142	5710	19.66	21.00		16.30		11.30		18.50		17.30		13.50	
		106	5530	16.01	17.30	14.92	16.30	9.91	11.30		18.50	16.01	17.30	12.12	13.50	
		122	5610	19.06	20.50	15.22	16.50	10.18	11.50		18.50	17.54	19.00	12.44	13.50	
	802.11ax-HE20 MCS0	138	5690	18.97	20.50	15.14	16.50	10.15	11.50		18.50	17.49	19.00	12.34	13.50	95.89
		100	5500	19.81	21.30		16.30		11.30	Not Required	18.50		17.30		13.50	
		116	5580	19.92	21.30		16.30		11.30		18.50		17.30		13.50	
		124	5620	20.01	21.30		16.30		11.30		18.50		17.30		13.50	
		132	5660	19.94	21.30		16.30		11.30		18.50		17.30		13.50	
	802.11ax-HE40 MCS0	140	5700	20.01	21.30		16.30		11.30		18.50		17.30		13.50	92.52
		144	5720	19.98	21.30		16.30		11.30		18.50		17.30		13.50	
		102	5510	19.09	20.50		16.30		11.30		18.50		17.30		13.50	
		110	5550	19.77	21.00	Not Required	16.30	Not Required	11.30		18.50	Not Required	17.30	Not Required	13.50	
		126	5630	19.69	21.00		16.30		11.30		18.50		17.30		13.50	
	802.11ax-HE80 MCS0	134	5670	19.58	21.00		16.30		11.30		18.50		17.30		13.50	79.92
		142	5710	19.77	21.00		16.30		11.30		18.50		17.30		13.50	
		106	5530	16.37	17.30		16.30		11.30		18.50		17.30		13.50	
		122	5610	19.51	20.50		16.30		11.30		18.50		17.30		13.50	
		138	5690	19.44	20.50		16.30		11.30		18.50		17.30		13.50	

5.8GHz WLAN Ant 4+5				Ant4+5 Full Power		for Head Standalone		for Head non DBS		for Hotspot non DBS		for Extremely non DBS		for Body worn Standalone		for Body worn non DBS				
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %		
	802.11a 6Mbps	149	5745	21.39	23.00		19.30		12.80		16.80		16.80		18.80		20.30		15.30	96.97
		157	5785	21.49	23.00		19.30		12.80		16.80		16.80		18.80		20.30		15.30	
		165	5825	21.43	23.00		19.30		12.80		16.80		16.80		18.80		20.30		15.30	
	802.11n-HT20 MCS0	149	5745	21.32	23.00		19.30		12.80		16.80		16.80		18.80		20.30		15.30	96.77
		157	5785	21.32	23.00		19.30		12.80		16.80		16.80		18.80		20.30		15.30	
		165	5825	21.34	23.00		19.30		12.80		16.80		16.80		18.80		20.30		15.30	
	802.11n-HT40 MCS0	151	5755	19.54	21.00	Not Required		19.30	Not Required		12.80	Not Required	16.80	Not Required	16.80	Not Required	20.30	Not Required	15.30	93.67
		159	5795	19.53	21.00		19.30		12.80		16.80		16.80		18.80		20.30		15.30	
		149	5745	21.40	23.00		19.30		12.80		16.80		16.80		18.80		20.30		15.30	
	802.11ac-VHT20 MCS0	157	5785	21.40	23.00		19.30		12.80		16.80		16.80		18.80		20.30		15.30	96.79
		165	5825	21.41	23.00		19.30		12.80		16.80		16.80		18.80		20.30		15.30	
		151	5755	19.58	21.00		19.30		12.80		16.80		16.80		18.80		20.30		15.30	
	802.11ac-VHT40 MCS0	159	5795	19.59	21.00		19.30		12.80		16.80		16.80		18.80		20.30		15.30	93.76
	802.11ac-VHT80 MCS0	155	5775	19.11	20.80	17.84	19.30	11.24	12.80	15.12	16.80	17.42	16.80	16.77	20.30	13.73	15.30		88.23	
	802.11ax-HE20 MCS0	149	5745	21.48	23.00		19.30		12.80		16.80		16.80		18.80		20.30		15.30	95.89
		157	5785	21.47	23.00		19.30		12.80		16.80		16.80		18.80		20.30		15.30	
		165	5825	21.50	23.00		19.30		12.80		16.80		16.80		18.80		20.30		15.30	
	802.11ax-HE40 MCS0	151	5755	19.71	21.00	Not Required		19.30	Not Required		12.80	Not Required	16.80	Not Required	16.80	Not Required	20.30	Not Required	15.30	92.52
159		5795	19.71	21.00		19.30		12.80		16.80		16.80		18.80		20.30		15.30		
802.11ax-HE80 MCS0	155	5775	19.57	20.80		19.30		12.80		16.80		16.80		18.80		20.30		15.30	79.92	

BR / EDR

Mode	Channel	Frequency (Mhz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.82	7.98	7.93
	CH 39	2441	11.15	8.40	8.32
	CH 75	2480	10.50	7.55	7.50
Tune-up Limit			12.00	9.00	9.00

BLE 1M

Mode	Channel	Frequency (Mhz)	Average power (dBm)
LE	CH 00	2402	10.47
	CH 19	2440	10.92
	CH 39	2480	10.24
Tune-up Limit			12.00

BLE 2M

Mode	Channel	Frequency (Mhz)	Average power (dBm)
LE	CH 00	2402	10.60
	CH 19	2440	11.09
	CH 39	2480	10.36
Tune-up Limit			12.00