

Band 26_Ant 0_Default									
BSF (MHz)	Modulation	BS Size	BS Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Turn-up Int. (dBm)	MPT (dB)	
Channel				20795	20805	20805			
Frequency (MHz)				881.5	881.5	881.5			
15	QPSK	1	0	23.75	24.00	24.75	23.7	0	
15	QPSK	36	0	23.75	23.77	23.79	24.7	1	
15	QPSK	75	0	23.75	23.75	23.71	24.7	1	

Band 26_Ant 0_EC11									
BSF (MHz)	Modulation	BS Size	BS Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Turn-up Int. (dBm)	MPT (dB)	
Channel				20795	20805	20805			
Frequency (MHz)				881.5	881.5	881.5			
15	QPSK	1	0	23.75	24.00	24.75	23.7	0	
15	QPSK	36	0	23.75	23.77	23.79	24.7	1	
15	QPSK	75	0	23.75	23.75	23.71	24.7	1	

Band 26_Ant 0_EC13									
BSF (MHz)	Modulation	BS Size	BS Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Turn-up Int. (dBm)	MPT (dB)	
Channel				20795	20805	20805			
Frequency (MHz)				881.5	881.5	881.5			
15	QPSK	1	0	23.75	24.00	24.75	23.7	0	
15	QPSK	36	0	23.75	23.77	23.79	24.7	1	
15	QPSK	75	0	23.75	23.75	23.71	24.7	1	

Band 26_Ant 0_EC14									
BSF (MHz)	Modulation	BS Size	BS Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Turn-up Int. (dBm)	MPT (dB)	
Channel				20795	20805	20805			
Frequency (MHz)				881.5	881.5	881.5			
15	QPSK	1	0	23.75	24.00	24.75	23.7	0	
15	QPSK	36	0	23.75	23.77	23.79	24.7	1	
15	QPSK	75	0	23.75	23.75	23.71	24.7	1	

Band 26_Ant 0_EC15									
BSF (MHz)	Modulation	BS Size	BS Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Turn-up Int. (dBm)	MPT (dB)	
Channel				20795	20805	20805			
Frequency (MHz)				881.5	881.5	881.5			
15	QPSK	1	0	23.75	24.00	24.75	23.7	0	
15	QPSK	36	0	23.75	23.77	23.79	24.7	1	
15	QPSK	75	0	23.75	23.75	23.71	24.7	1	

Band 26_Ant 1_Default									
BSF (MHz)	Modulation	BS Size	BS Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Turn-up Int. (dBm)	MPT (dB)	
Channel				20795	20805	20805			
Frequency (MHz)				881.5	881.5	881.5			
15	QPSK	1	0	23.75	24.00	24.75	23.7	0	
15	QPSK	36	0	23.75	23.77	23.79	24.7	1	
15	QPSK	75	0	23.75	23.75	23.71	24.7	1	

Band 26_Ant 1_EC11									
BSF (MHz)	Modulation	BS Size	BS Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Turn-up Int. (dBm)	MPT (dB)	
Channel				20795	20805	20805			
Frequency (MHz)				881.5	881.5	881.5			
15	QPSK	1	0	23.75	24.00	24.75	23.7	0	
15	QPSK	36	0	23.75	23.77	23.79	24.7	1	
15	QPSK	75	0	23.75	23.75	23.71	24.7	1	

Band 26_Ant 1_EC14									
BSF (MHz)	Modulation	BS Size	BS Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Turn-up Int. (dBm)	MPT (dB)	
Channel				20795	20805	20805			
Frequency (MHz)				881.5	881.5	881.5			
15	QPSK	1	0	23.75	24.00	24.75	23.7	0	
15	QPSK	36	0	23.75	23.77	23.79	24.7	1	
15	QPSK	75	0	23.75	23.75	23.71	24.7	1	

Band 26_Ant 1_EC15									
BSF (MHz)	Modulation	BS Size	BS Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Turn-up Int. (dBm)	MPT (dB)	
Channel				20795	20805	20805			
Frequency (MHz)				881.5	881.5	881.5			
15	QPSK	1	0	23.75	24.00	24.75	23.7	0	
15	QPSK	36	0	23.75	23.77	23.79	24.7	1	
15	QPSK	75	0	23.75	23.75	23.71	24.7	1	

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Band 41_5t_Default												
BSF (MHz)	Subcarrier	BSF Size	BSF Offset	Band 41_5t Default	Band 41_5t Min	Band 41_5t Max	Band 41_5t Min	Band 41_5t Max	Band 41_5t Min	Band 41_5t Max	Turnaround (ms)	BSF (MHz)
Channel				300KHz	400KHz	400KHz	400KHz	400KHz	400KHz	400KHz		
30	OFFSHO	1	0	2047	2047	2047	2047	2047	2047	2047	20.7	0
30	OFFSHO	10	0	2047	2047	2047	2047	2047	2047	2047	20.7	0
30	OFFSHO	100	0	2047	2047	2047	2047	2047	2047	2047	20.7	0
30	OFFSHO	1000	0	2047	2047	2047	2047	2047	2047	2047	20.7	0

Band 41_Ant_5_EC11												
BSF (MHz)	Subcarrier	BSF Size	BSF Offset	Band 41_Ant_5_EC11	Band 41_Ant_5_EC11	Band 41_Ant_5_EC11	Band 41_Ant_5_EC11	Band 41_Ant_5_EC11	Band 41_Ant_5_EC11	Band 41_Ant_5_EC11	Turnaround (ms)	BSF (MHz)
Channel				300KHz	400KHz	400KHz	400KHz	400KHz	400KHz	400KHz		
30	OFFSHO	1	0	2127	2127	2127	2127	2127	2127	2127	20.7	0
30	OFFSHO	10	0	2127	2127	2127	2127	2127	2127	2127	20.7	0
30	OFFSHO	100	0	2127	2127	2127	2127	2127	2127	2127	20.7	0
30	OFFSHO	1000	0	2127	2127	2127	2127	2127	2127	2127	20.7	0

Band 41_Ant_5_EC13												
BSF (MHz)	Subcarrier	BSF Size	BSF Offset	Band 41_Ant_5_EC13	Band 41_Ant_5_EC13	Band 41_Ant_5_EC13	Band 41_Ant_5_EC13	Band 41_Ant_5_EC13	Band 41_Ant_5_EC13	Band 41_Ant_5_EC13	Turnaround (ms)	BSF (MHz)
Channel				300KHz	400KHz	400KHz	400KHz	400KHz	400KHz	400KHz		
30	OFFSHO	1	0	2127	2127	2127	2127	2127	2127	2127	20.7	0
30	OFFSHO	10	0	2127	2127	2127	2127	2127	2127	2127	20.7	0
30	OFFSHO	100	0	2127	2127	2127	2127	2127	2127	2127	20.7	0
30	OFFSHO	1000	0	2127	2127	2127	2127	2127	2127	2127	20.7	0

Band 41_Ant_5_EC14												
BSF (MHz)	Subcarrier	BSF Size	BSF Offset	Band 41_Ant_5_EC14	Band 41_Ant_5_EC14	Band 41_Ant_5_EC14	Band 41_Ant_5_EC14	Band 41_Ant_5_EC14	Band 41_Ant_5_EC14	Band 41_Ant_5_EC14	Turnaround (ms)	BSF (MHz)
Channel				300KHz	400KHz	400KHz	400KHz	400KHz	400KHz	400KHz		
30	OFFSHO	1	0	2215	2215	2215	2215	2215	2215	2215	20.7	0
30	OFFSHO	10	0	2215	2215	2215	2215	2215	2215	2215	20.7	0
30	OFFSHO	100	0	2215	2215	2215	2215	2215	2215	2215	20.7	0
30	OFFSHO	1000	0	2215	2215	2215	2215	2215	2215	2215	20.7	0

Band 41_Ant_5_EC15												
BSF (MHz)	Subcarrier	BSF Size	BSF Offset	Band 41_Ant_5_EC15	Band 41_Ant_5_EC15	Band 41_Ant_5_EC15	Band 41_Ant_5_EC15	Band 41_Ant_5_EC15	Band 41_Ant_5_EC15	Band 41_Ant_5_EC15	Turnaround (ms)	BSF (MHz)
Channel				300KHz	400KHz	400KHz	400KHz	400KHz	400KHz	400KHz		
30	OFFSHO	1	0	2215	2215	2215	2215	2215	2215	2215	20.7	0
30	OFFSHO	10	0	2215	2215	2215	2215	2215	2215	2215	20.7	0
30	OFFSHO	100	0	2215	2215	2215	2215	2215	2215	2215	20.7	0
30	OFFSHO	1000	0	2215	2215	2215	2215	2215	2215	2215	20.7	0

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Band 41_Ant 4_Other PA												
RF Chain	Modulation	RB Size	RB Offset	Power Class Power Class	Power Class Power Class	Power Class Power Class	Power Class Power Class	Power Class Power Class	Power Class Power Class	Power Class Power Class	Power Class Power Class	Power Class Power Class
Channel												
RF Chain	Modulation	RB Size	RB Offset	Power Class Power Class	Power Class Power Class	Power Class Power Class	Power Class Power Class	Power Class Power Class	Power Class Power Class	Power Class Power Class	Power Class Power Class	Power Class Power Class
20	QPSK	1	0	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	1	40	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	0	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	40	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	80	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	120	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	160	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	200	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	240	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	280	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	320	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	360	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	400	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	440	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	480	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	520	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	560	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	600	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	640	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	680	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	720	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	760	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	800	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	840	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	880	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	920	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	960	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	1000	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	1040	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	1080	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	1120	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	1160	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	1200	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	1240	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	1280	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	1320	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	1360	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	1400	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	1440	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	1480	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	1520	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	1560	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	1600	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	1640	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	1680	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	1720	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	1760	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	1800	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	1840	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	1880	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	1920	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	1960	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	2000	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	2040	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	2080	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	2120	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	2160	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	2200	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	2240	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	2280	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	2320	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	2360	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	2400	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	2440	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	2480	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	2520	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	2560	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	2600	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	2640	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	2680	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	2720	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	2760	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	2800	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	2840	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	2880	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	2920	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	2960	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	3000	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	3040	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	3080	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	3120	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	3160	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	3200	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	3240	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	3280	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	3320	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	3360	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	3400	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	3440	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	3480	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	3520	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	3560	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	3600	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	3640	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	3680	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37	19.37
20	QPSK	50	3720	19.33	19.30	19.28	19.31	19.31	19.32	19.32	19.32	19.32
20	QPSK	50	3760	19.37	19.37	19.37	19.37	19.37				

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Band 41_Ant 3_Other PA													
BR/PA	Modulation	RB Size	RB Offset	Power Level	Power Line Code	Power Level	Power Line Code	Power Level	Power Line Code	Power Level	Power Line Code	Time slot	RBs PA
Channel													
20	QPSK	1	0	18.43	18.43	18.43	18.43	18.43	18.43	18.43	18.43	0	0
20	QPSK	1	40	18.39	18.39	18.42	18.41	18.37	18.33	18.33	18.33	0	0
20	QPSK	50	0	18.37	18.37	18.39	18.38	18.34	18.34	18.34	18.34	17.5	0
20	QPSK	50	3	18.31	18.33	18.33	18.33	18.27	18.27	18.27	18.27	17.5	0
20	QPSK	50	50	18.27	18.30	18.32	18.32	18.29	18.29	18.29	18.29	17.5	0
20	QPSK	100	0	18.26	18.26	18.34	18.31	18.27	18.27	18.27	18.27	17.5	0
20	QPSK	100	40	18.25	18.26	18.31	18.30	18.25	18.25	18.25	18.25	17.5	0
20	QPSK	100	50	18.20	18.23	18.31	18.31	18.26	18.26	18.26	18.26	17.5	0
20	QPSK	100	0	18.22	18.25	18.31	18.31	18.26	18.26	18.26	18.26	17.5	0
20	QPSK	100	40	18.22	18.26	18.31	18.31	18.26	18.26	18.26	18.26	17.5	0
20	QPSK	100	50	18.21	18.27	18.29	18.31	18.26	18.26	18.26	18.26	17.5	0
20	QPSK	100	0	18.20	18.24	18.31	18.31	18.26	18.26	18.26	18.26	17.5	0
20	QPSK	100	40	18.20	18.24	18.28	18.32	18.22	18.22	18.22	18.22	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	0	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	40	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100	50	18.22	18.25	18.29	18.30	18.24	18.24	18.24	18.24	17.5	0
20	QPSK	100											

Band 41_Ant 3_Other PA												
RF [MHz]	Modulation	RB Size	RF Offset	Power Class [dBm]	Power Class [dBm]	Power Class [dBm]	Power Class [dBm]	Power Class [dBm]	Power Class [dBm]	Power Class [dBm]	Time slot [ms]	MPH [km/h]
Channel												
	Frequency [MHz]			9575	9185	4862	4165	4165	4165	4165		
20	OPSK	1	0	23.23	23.24	23.23	23.12	23.12	23.04		24.5	0
20	OPSK	1	46	23.23	23.25	23.31	23.11	23.11	23.02			
20	OPSK	36	0	23.13	23.21	23.11	23.01	23.01	22.92			
20	OPSK	36	46	23.13	23.23	23.29	23.09	23.09	22.99			
20	OPSK	36	90	23.23	23.44	23.28	23.08	23.08	22.92		23.5	
20	OPSK	36	134	23.23	23.54	23.28	23.11	23.11	23.02			
20	OPSK	36	178	23.23	23.84	23.28	23.11	23.11	23.02			
20	OPSK	36	222	23.23	24.14	23.28	23.10	23.10	23.02		23.5	
20	OPSK	36	266	23.23	24.44	23.28	23.10	23.10	23.02			
20	OPSK	36	310	23.23	24.74	23.28	23.10	23.10	23.02			
20	OPSK	36	354	23.23	25.04	23.28	23.10	23.10	23.02			
20	OPSK	36	398	23.23	25.34	23.28	23.10	23.10	23.02			
20	OPSK	36	442	23.23	25.64	23.28	23.10	23.10	23.02			
20	OPSK	36	486	23.23	25.94	23.28	23.10	23.10	23.02			
20	OPSK	36	530	23.23	26.24	23.28	23.10	23.10	23.02			
20	OPSK	36	574	23.23	26.54	23.28	23.10	23.10	23.02			
20	OPSK	36	618	23.23	26.84	23.28	23.10	23.10	23.02			
20	OPSK	36	662	23.23	27.14	23.28	23.10	23.10	23.02			
20	OPSK	36	706	23.23	27.44	23.28	23.10	23.10	23.02			
20	OPSK	36	750	23.23	27.74	23.28	23.10	23.10	23.02			
20	OPSK	36	794	23.23	28.04	23.28	23.10	23.10	23.02			
20	OPSK	36	838	23.23	28.34	23.28	23.10	23.10	23.02			
20	OPSK	36	882	23.23	28.64	23.28	23.10	23.10	23.02			
20	OPSK	36	926	23.23	28.94	23.28	23.10	23.10	23.02			
20	OPSK	36	970	23.23	29.24	23.28	23.10	23.10	23.02			
20	OPSK	36	1014	23.23	29.54	23.28	23.10	23.10	23.02			
20	OPSK	36	1058	23.23	29.84	23.28	23.10	23.10	23.02			
20	OPSK	36	1102	23.23	30.14	23.28	23.10	23.10	23.02			
20	OPSK	36	1146	23.23	30.44	23.28	23.10	23.10	23.02			
20	OPSK	36	1190	23.23	30.74	23.28	23.10	23.10	23.02			
20	OPSK	36	1234	23.23	31.04	23.28	23.10	23.10	23.02			
20	OPSK											

Full & Default Power

n41_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504204	518598	535998	25.7	0.0	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	PV2 BPSK	1	1	24.45	24.61	24.50			
50	PV2 BPSK	1	67	24.40	24.53	24.39			
50	PV2 BPSK	1	131	24.37	24.42	24.37	25.2	0.5	
50	PV2 BPSK	64	0	23.99	24.10	23.95			
50	PV2 BPSK	64	35	24.52	24.64	24.55			
50	PV2 BPSK	64	69	23.94	24.08	23.95			
50	PV2 BPSK	128	0	23.95	24.10	24.02	25.7	0.0	
50	QPSK	1	1	24.58	24.65	24.54			
50	QPSK	1	67	24.42	24.54	24.45			
50	QPSK	1	131	24.43	24.48	24.35			
50	QPSK	64	0	23.59	23.64	23.48	25.7	0.0	
50	QPSK	64	35	23.45	23.59	23.45			
50	QPSK	64	69	23.50	23.59	23.48			
50	QPSK	128	0	23.45	23.57	23.47			
50	16QAM	1	1	23.13	23.24	23.16	24.7	1.0	
50	64QAM	1	1	21.70	21.79	21.72			
50	256QAM	1	1	20.30	20.37	20.32			
Channel				502200	518598	534998		21.2	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	24.53	24.58	24.39			
Channel				501204	518598	535998		25.7	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	24.50	24.54	24.46		0.0	

n41_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504204	518598	535998	25.0	0.0	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	PV2 BPSK	1	1	23.27	23.43	23.36			
50	PV2 BPSK	1	67	23.34	23.44	23.34			
50	PV2 BPSK	1	131	23.16	23.30	23.15	24.5	0.5	
50	PV2 BPSK	64	0	22.90	22.95	22.85			
50	PV2 BPSK	64	35	23.33	23.47	23.40			
50	PV2 BPSK	64	69	22.85	22.91	22.79			
50	PV2 BPSK	128	0	22.93	22.99	22.83	24.5	0.5	
50	QPSK	1	1	23.50	23.55	23.50			
50	QPSK	1	67	23.40	23.45	23.37			
50	QPSK	1	131	23.27	23.35	23.29			
50	QPSK	64	0	22.41	22.55	22.44	24.0	1.0	
50	QPSK	64	35	23.45	23.54	23.40			
50	QPSK	64	69	22.31	22.46	22.32			
50	QPSK	128	0	22.30	22.35	22.29			
50	16QAM	1	1	22.06	22.15	22.02	24.0	1.0	
50	64QAM	1	1	20.66	20.81	20.71			
50	256QAM	1	1	19.12	19.23	19.16			
Channel				502200	518598	534998		20.5	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	23.44	23.42	23.45		25.0	
Channel				501204	518598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	23.38	23.47	23.37		0.0	

n41_Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504204	518598	532998	25.7	0.0	
Frequency (MHz)				2521.02	2592.99	2694.99			
50	PI/2 BPSK	1	1	24.34	24.49	24.41	25.7	0.0	
50	PI/2 BPSK	1	67	24.47	24.59	24.47			
50	PI/2 BPSK	1	131	24.45	24.52	24.40			
50	PI/2 BPSK	64	0	23.98	24.11	24.04	25.2	0.5	
50	PI/2 BPSK	64	35	24.56	24.67	24.51	25.7	9.0	
50	PI/2 BPSK	64	69	24.04	24.11	24.00	25.2	0.5	
50	PI/2 BPSK	128	0	24.09	24.19	24.05			
50	QPSK	1	1	24.56	24.74	24.58	25.7	0.0	
50	QPSK	1	67	24.51	24.56	24.42			
50	QPSK	1	131	24.36	24.47	24.41			
50	QPSK	64	0	23.36	23.51	23.36	24.7	1.0	
50	QPSK	64	35	24.47	24.56	24.43	25.7	0.0	
50	QPSK	64	69	23.39	23.55	23.41	24.7	1.0	
50	QPSK	128	0	23.45	23.55	23.49			
50	16QAM	1	1	23.10	23.17	23.11	24.7	1.0	
50	64QAM	1	1	21.71	21.76	21.60	23.2	2.5	
50	256QAM	1	1	20.17	20.29	20.23	21.2	4.5	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)	
30	QPSK	1	1	24.43	24.63	24.52	25.7	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)	
20	QPSK	1	1	24.52	24.61	24.51	25.7	0.0	

n41_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504204	518598	532998	25.0	0.0	
Frequency (MHz)				2521.02	2592.99	2694.99			
50	PI/2 BPSK	1	1	23.64	23.79	23.71	25.0	0.0	
50	PI/2 BPSK	1	67	23.57	23.73	23.65			
50	PI/2 BPSK	1	131	23.44	23.55	23.49			
50	PI/2 BPSK	64	0	23.20	23.30	23.23	24.5	0.5	
50	PI/2 BPSK	64	35	23.73	23.79	23.64	25.0	9.0	
50	PI/2 BPSK	64	69	23.11	23.18	23.07	24.5	0.5	
50	PI/2 BPSK	128	0	23.31	23.36	23.25			
50	QPSK	1	1	23.76	23.83	23.73	25.0	0.0	
50	QPSK	1	67	23.69	23.74	23.65			
50	QPSK	1	131	23.38	23.49	23.42			
50	QPSK	64	0	22.61	22.74	22.67	24.0	1.0	
50	QPSK	64	35	23.59	23.71	23.63	25.0	0.0	
50	QPSK	64	69	22.47	22.63	22.48	24.0	1.0	
50	QPSK	128	0	22.59	22.71	22.66			
50	16QAM	1	1	22.32	22.45	22.37	24.0	1.0	
50	64QAM	1	1	20.90	21.02	20.92	22.5	2.5	
50	256QAM	1	1	19.56	19.62	19.57	20.5	4.5	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)	
30	QPSK	1	1	23.64	23.68	23.60	25.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)	
20	QPSK	1	1	23.71	23.75	23.65	25.0	0.0	

Part27Q_n77_Ant 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332			25.7	0.0
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	1		24.67			
100	PI/2 BPSK	1	137		24.70			
100	PI/2 BPSK	1	271		24.63			
100	PI/2 BPSK	135	0		24.29		25.2	0.5
100	PI/2 BPSK	135	69		24.70		25.7	0.0
100	PI/2 BPSK	135	138		24.11			
100	PI/2 BPSK	270	0		24.13		25.2	0.5
100	QPSK	1	1		24.77			
100	QPSK	1	137		24.74		25.7	0.0
100	QPSK	1	271		24.57			
100	QPSK	135	0		23.73		24.7	1.0
100	QPSK	135	69		24.67		25.7	0.0
100	QPSK	135	138		23.60			
100	QPSK	270	0		23.55		24.7	1.0
100	16QAM	1	1		23.58		23.2	1.0
100	64QAM	1	1		21.74		23.2	2.5
100	256QAM	1	1		20.38		21.2	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.64	24.63	24.65	25.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.63	24.62	24.63	25.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.67	24.66	24.68	25.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.66	24.66	24.70	25.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.68	24.72	24.69	25.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.65	24.65	24.62	25.7	0.0
Channel				630666	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.63	24.71	24.64	25.7	0.0

Part27O_n77_Ant 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	662000	25.7	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.69	24.62	24.60		
100	PI/2 BPSK	1	137	24.63	24.51	24.55		
100	PI/2 BPSK	1	271	24.58	24.48	24.47		
100	PI/2 BPSK	135	0	24.11	23.95	23.95	25.2	0.5
100	PI/2 BPSK	135	69	24.65	24.57	24.60	25.7	0.0
100	PI/2 BPSK	135	138	24.03	23.94	23.94		
100	PI/2 BPSK	270	0	24.04	23.91	23.93	25.2	0.5
100	QPSK	1	1	24.56	24.76	24.69		
100	QPSK	1	137	24.57	24.71	24.61	25.7	0.0
100	QPSK	1	271	24.53	24.68	24.62		
100	QPSK	135	0	23.85	23.65	23.64	24.7	1.0
100	QPSK	135	69	24.58	24.70	24.62	25.7	0.0
100	QPSK	135	138	23.52	23.67	23.64		
100	QPSK	270	0	23.44	23.51	23.37	24.7	1.0
100	16QAM	1	1	23.45	23.29	23.36	23.2	1.0
100	64QAM	1	1	21.75	21.70	21.70	23.2	2.5
100	256QAM	1	1	20.38	20.30	20.24	21.2	4.5
Channel				649668	650000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	24.61	24.58	24.64	25.7	0.0
Channel				649334	650000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	24.66	24.52	24.59	25.7	0.0
Channel				648668	650000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	24.66	24.60	24.53	25.7	0.0
Channel				648334	650000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	24.64	24.50	24.57	25.7	0.0
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.68	24.57	24.55	25.7	0.0
Channel				647668	650000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	24.51	24.52	24.58	25.7	0.0
Channel				647334	650000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	24.61	24.51	24.54	25.7	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				633332					
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1		21.88				
100	PI/2 BPSK	1	137		21.79		23.5	0.0	
100	PI/2 BPSK	1	271		21.72				
100	PI/2 BPSK	135	0		21.36		23.0	0.5	
100	PI/2 BPSK	135	69		21.91		23.5	0.0	
100	PI/2 BPSK	135	138		21.25				
100	PI/2 BPSK	270	0		21.13		23.0	0.5	
100	QPSK	1	1		22.17				
100	QPSK	1	137		22.09		23.5	0.0	
100	QPSK	1	271		21.95				
100	QPSK	135	0		21.17		22.5	1.0	
100	QPSK	135	69		22.05		23.5	0.0	
100	QPSK	135	138		21.00				
100	QPSK	270	0		20.99		22.5	1.0	
100	16QAM	1	1		20.61		22.5	1.0	
100	64QAM	1	1		19.08		21.0	2.5	
100	256QAM	1	1		17.54		19.0	4.5	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1		21.92	21.64	21.60	23.5	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1		21.89	21.61	21.52	23.5	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1		21.98	21.62	21.52	23.5	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1		21.91	21.65	21.51	23.5	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1		21.91	21.61	21.51	23.5	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1		21.89	21.65	21.54	23.5	
Channel				630666	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1		21.96	21.62	21.60	23.5	

Part27O_n77_Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	652000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1		21.81	21.96	21.87		
100	PI/2 BPSK	1	137		21.89	21.95	21.82	23.5	
100	PI/2 BPSK	1	271		21.77	21.83	21.67		
100	PI/2 BPSK	135	0		21.29	21.45	21.29	23.0	
100	PI/2 BPSK	135	69		21.96	22.02	21.83	23.5	
100	PI/2 BPSK	135	138		21.31	21.38	21.31	23.0	
100	PI/2 BPSK	270	0		21.20	21.28	21.19	23.0	
100	QPSK	1	1		21.74	22.05	21.66		
100	QPSK	1	137		21.63	21.90	21.56	23.5	
100	QPSK	1	271		21.56	21.77	21.65		
100	QPSK	135	0		20.76	20.91	20.65	22.5	
100	QPSK	135	69		21.68	21.92	21.65	23.5	
100	QPSK	135	138		20.59	20.85	20.65		
100	QPSK	270	0		20.54	20.72	20.42	22.5	
100	16QAM	1	1		20.62	20.73	20.64	22.5	
100	64QAM	1	1		19.06	19.06	19.01	21.0	
100	256QAM	1	1		17.56	17.66	17.50	19.0	
Channel				648668	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1		21.96	21.64	21.57	23.5	
Channel				648334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1		21.93	21.61	21.60	23.5	
Channel				648000	650000	653332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1		21.94	21.68	21.51	23.5	
Channel				648334	650000	653666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1		21.89	21.58	21.51	23.5	
Channel				648000	650000	656000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1		21.99	21.66	21.56	23.5	
Channel				647668	650000	656332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.98			
30	QPSK	1	1		21.94	21.66	21.52	23.5	
Channel				647334	650000	656666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1		21.97	21.62	21.54	23.5	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332			24.5	0.0	
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1		23.39		24.5	0.0	
100	PI/2 BPSK	1	137		23.37				
100	PI/2 BPSK	1	271		23.30				
100	PI/2 BPSK	135	0		22.91		24.0	0.5	
100	PI/2 BPSK	135	69		23.42		24.5	0.0	
100	PI/2 BPSK	135	138		22.78		24.0	0.5	
100	PI/2 BPSK	270	0		22.84				
100	QPSK	1	1		23.46		24.5	0.0	
100	QPSK	1	137		23.33				
100	QPSK	1	271		23.30				
100	QPSK	135	0		22.40		23.5	1.0	
100	QPSK	135	69		23.38		24.5	0.0	
100	QPSK	135	138		22.39		23.5	1.0	
100	QPSK	270	0		22.23				
100	16QAM	1	1		22.16		23.5	1.0	
100	64QAM	1	1		20.40		22.0	2.5	
100	256QAM	1	1		19.05		20.0	4.5	
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1		23.17	23.15	22.96	24.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1		23.19	23.13	22.95	24.5	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1		23.18	23.12	23.02	24.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1		23.16	23.16	22.96	24.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1		23.17	23.08	22.92	24.5	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1		23.17	23.06	23.02	24.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1		23.18	23.11	22.98	24.5	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	662000	24.5	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1		23.34	23.23	23.23	24.5	0.0
100	PI/2 BPSK	1	137		23.28	23.27	23.28		
100	PI/2 BPSK	1	271		23.21	23.17	23.25		
100	PI/2 BPSK	135	0		22.76	22.79	22.76	24.0	0.5
100	PI/2 BPSK	135	69		23.36	23.38	23.33	24.5	0.0
100	PI/2 BPSK	135	138		22.73	22.82	22.82	24.0	0.5
100	PI/2 BPSK	270	0		22.72	22.74	22.77		
100	QPSK	1	1		23.40	23.21	23.17	24.5	0.0
100	QPSK	1	137		23.17	23.13	23.08		
100	QPSK	1	271		23.22	23.03	22.83		
100	QPSK	135	0		22.34	22.16	22.05	23.5	1.0
100	QPSK	135	69		23.25	23.20	23.09	24.5	0.0
100	QPSK	135	138		22.23	22.11	22.06	23.5	1.0
100	QPSK	270	0		22.12	22.09	22.02		
100	16QAM	1	1		22.00	22.05	22.05	23.5	1.0
100	64QAM	1	1		20.26	20.29	20.32	22.0	2.5
100	256QAM	1	1		18.97	18.99	18.94	20.0	4.5
Channel				648668	650000	662332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1		23.15	23.12	22.91	24.5	0.0
Channel				648334	650000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1		23.15	23.10	23.01	24.5	0.0
Channel				648000	650000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1		23.20	23.07	22.97	24.5	0.0
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1		23.20	23.11	23.02	24.5	0.0
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1		23.20	23.16	23.02	24.5	0.0
Channel				647668	650000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.98			
30	QPSK	1	1		23.20	23.16	22.98	24.5	0.0
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1		23.24	23.14	22.98	24.5	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				633332			22.5	0.0	
Frequency (MHz)				3499.98	21.10				
100	PI/2 BPSK	1	1		21.03		22.5	0.0	
100	PI/2 BPSK	1	137		20.86				
100	PI/2 BPSK	1	271		20.54				
100	PI/2 BPSK	135	0		21.16		22.0	0.5	
100	PI/2 BPSK	135	69		20.57		22.5	9.0	
100	PI/2 BPSK	135	138		20.45		22.0	0.5	
100	PI/2 BPSK	270	0		21.50				
100	QPSK	1	1		21.44		22.5	0.0	
100	QPSK	1	137		21.26				
100	QPSK	1	271		20.52				
100	QPSK	135	0		21.41		22.5	0.0	
100	QPSK	135	69		20.32		21.5	1.0	
100	QPSK	135	138		20.33				
100	QPSK	270	0		19.86		21.5	1.0	
100	16QAM	1	1		18.16		20.0	2.5	
100	64QAM	1	1		16.70		18.0	4.5	
100	256QAM	1	1		15.70		18.0	4.5	
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	21.11	20.95	20.97	22.5	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	21.11	20.93	21.06	22.5	0.0	
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	21.18	20.90	20.98	22.5	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	21.16	20.89	20.97	22.5	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	21.12	20.88	21.00	22.5	0.0	
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	21.10	20.85	20.96	22.5	0.0	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	21.20	20.96	20.98	22.5	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000	22.5	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	21.06	21.16	21.04	22.5	0.0	
100	PI/2 BPSK	1	137	21.06	21.19	21.07			
100	PI/2 BPSK	1	271	20.97	21.02	20.96			
100	PI/2 BPSK	135	0	20.57	20.62	20.53	22.0	0.5	
100	PI/2 BPSK	135	69	21.15	21.23	21.17	22.5	9.0	
100	PI/2 BPSK	135	138	20.54	20.62	20.55	22.0	0.5	
100	PI/2 BPSK	270	0	20.47	20.58	20.53			
100	QPSK	1	1	21.12	21.26	21.11	22.5	0.0	
100	QPSK	1	137	21.01	21.17	21.10			
100	QPSK	1	271	20.91	21.02	20.90			
100	QPSK	135	0	20.11	20.19	20.12	21.5	1.0	
100	QPSK	135	69	21.10	21.18	21.06	22.5	0.0	
100	QPSK	135	138	20.07	20.13	20.00	21.5	1.0	
100	QPSK	270	0	19.91	20.02	19.95			
100	16QAM	1	1	19.85	19.96	19.84	21.5	1.0	
100	64QAM	1	1	18.26	18.31	18.20	20.0	2.5	
100	256QAM	1	1	16.82	16.88	16.73	18.0	4.5	
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1	21.14	20.92	21.00	22.5	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1	21.21	20.90	20.95	22.5	0.0	
Channel				648668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1	21.17	20.93	20.99	22.5	0.0	
Channel				648334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1	21.19	20.94	21.01	22.5	0.0	
Channel				648000	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	21.11	20.94	20.96	22.5	0.0	
Channel				647668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.98			
30	QPSK	1	1	21.20	20.87	21.09	22.5	0.0	
Channel				647334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1	21.19	20.96	20.96	22.5	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332			25.7	0.0	
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1		24.73				
100	PI/2 BPSK	1	137		24.70				
100	PI/2 BPSK	1	271		24.61				
100	PI/2 BPSK	135	0		24.25		25.2	0.5	
100	PI/2 BPSK	135	69		24.74		25.7	9.0	
100	PI/2 BPSK	135	138		24.13				
100	PI/2 BPSK	270	0		24.14		25.2	0.5	
100	QPSK	1	1		24.75				
100	QPSK	1	137		24.71		25.7	0.0	
100	QPSK	1	271		24.59				
100	QPSK	135	0		23.75		24.7	1.0	
100	QPSK	135	69		24.74		25.7	0.0	
100	QPSK	135	138		23.57				
100	QPSK	270	0		23.58		24.7	1.0	
100	16QAM	1	1		23.54		24.7	1.0	
100	64QAM	1	1		21.83		23.2	2.5	
100	256QAM	1	1		20.41		21.2	4.5	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	24.61	24.59	24.59	25.7	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	24.62	24.67	24.63	25.7	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	24.65	24.70	24.59	25.7	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	24.70	24.66	24.66	25.7	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	24.68	24.66	24.60	25.7	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	24.66	24.61	24.57	25.7	0.0	
Channel				630666	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	24.61	24.63	24.68	25.7	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			25.7	0.0	
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		24.67				
100	PI/2 BPSK	1	137		24.70				
100	PI/2 BPSK	1	271		24.70				
100	PI/2 BPSK	135	0		24.15		25.2	0.5	
100	PI/2 BPSK	135	69		24.73		25.7	9.0	
100	PI/2 BPSK	135	138		24.19				
100	PI/2 BPSK	270	0		24.03		25.2	0.5	
100	QPSK	1	1		24.75				
100	QPSK	1	137		24.62		25.7	0.0	
100	QPSK	1	271		24.54				
100	QPSK	135	0		23.56		24.7	1.0	
100	QPSK	135	69		24.62		25.7	0.0	
100	QPSK	135	138		23.64				
100	QPSK	270	0		23.49		24.7	1.0	
100	16QAM	1	1		23.46		24.7	1.0	
100	64QAM	1	1		21.78		23.2	2.5	
100	256QAM	1	1		20.41		21.2	4.5	
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1	24.62	24.68	24.66	25.7	0.0	
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99			
80	QPSK	1	1	24.68	24.65	24.68	25.7	0.0	
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98			
60	QPSK	1	1	24.61	24.68	24.67	25.7	0.0	
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1	24.59	24.62	24.70	25.7	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	24.69	24.66	24.70	25.7	0.0	
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98			
30	QPSK	1	1	24.69	24.60	24.68	25.7	0.0	
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99			
20	QPSK	1	1	24.70	24.68	24.63	25.7	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				633332			24.5	0.0
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	1	22.59				
100	PI/2 BPSK	1	137	22.70				
100	PI/2 BPSK	1	271	22.70				
100	PI/2 BPSK	135	0	22.15			24.0	0.5
100	PI/2 BPSK	135	69	22.97			24.5	9.0
100	PI/2 BPSK	135	138	22.38				
100	PI/2 BPSK	270	0	22.12			24.0	0.5
100	QPSK	1	1	22.98				
100	QPSK	1	137	22.85				
100	QPSK	1	271	22.71			24.5	0.0
100	QPSK	135	0	21.69			23.5	1.0
100	QPSK	135	69	22.95			24.5	0.0
100	QPSK	135	138	21.78				
100	QPSK	270	0	21.74			23.5	1.0
100	16QAM	1	1	21.57			23.5	1.0
100	64QAM	1	1	20.01			22.0	2.5
100	256QAM	1	1	18.39			20.0	4.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.74	22.70	22.76	24.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.70	22.73	22.72	24.5	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.77	22.73	22.80	24.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.79	22.73	22.77	24.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.73	22.81	22.71	24.5	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.71	22.72	22.72	24.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.72	22.75	22.70	24.5	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			24.5	0.0
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1	22.65				
100	PI/2 BPSK	1	137	22.81				
100	PI/2 BPSK	1	271	22.84				
100	PI/2 BPSK	135	0	22.21			24.0	0.5
100	PI/2 BPSK	135	69	23.03			24.5	9.0
100	PI/2 BPSK	135	138	22.45				
100	PI/2 BPSK	270	0	22.25			24.0	0.5
100	QPSK	1	1	23.04				
100	QPSK	1	137	22.81				
100	QPSK	1	271	22.79			24.5	0.0
100	QPSK	135	0	21.79			23.5	1.0
100	QPSK	135	69	22.98			24.5	0.0
100	QPSK	135	138	21.89				
100	QPSK	270	0	21.74			23.5	1.0
100	16QAM	1	1	21.52			23.5	1.0
100	64QAM	1	1	20.03			22.0	2.5
100	256QAM	1	1	18.45			20.0	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	22.81	22.78	22.74	24.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	22.80	22.76	22.77	24.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	22.82	22.79	22.75	24.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	22.74	22.81	22.75	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.75	22.74	22.81	24.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	22.74	22.77	22.80	24.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	22.76	22.77	22.83	24.5	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				633332			25.0	0.0
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	1		23.63			
100	PI/2 BPSK	1	137		23.69			
100	PI/2 BPSK	1	271		23.63			
100	PI/2 BPSK	135	0		23.19		24.5	0.5
100	PI/2 BPSK	135	69		23.81		25.0	0.0
100	PI/2 BPSK	135	138		23.12			
100	PI/2 BPSK	270	0		23.14		24.5	0.5
100	QPSK	1	1		23.87			
100	QPSK	1	137		23.69			
100	QPSK	1	271		23.67		25.0	0.0
100	QPSK	135	0		22.76		24.0	1.0
100	QPSK	135	69		23.75		25.0	0.0
100	QPSK	135	138		22.85			
100	QPSK	270	0		22.57		24.0	1.0
100	16QAM	1	1		22.44		24.0	1.0
100	64QAM	1	1		20.73		22.5	2.5
100	256QAM	1	1		19.34		20.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.72	23.74	23.77	25.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.79	23.76	23.79	25.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.75	23.76	23.72	25.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.77	23.82	23.75	25.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.76	23.71	23.80	25.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.75	23.82	23.82	25.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.80	23.77	23.76	25.0	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		25.0	0.0
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.52			
100	PI/2 BPSK	1	137		23.64			
100	PI/2 BPSK	1	271		23.49			
100	PI/2 BPSK	135	0		23.11		24.5	0.5
100	PI/2 BPSK	135	69		23.67		25.0	0.0
100	PI/2 BPSK	135	138		23.05			
100	PI/2 BPSK	270	0		22.98		24.5	0.5
100	QPSK	1	1		23.72			
100	QPSK	1	137		23.55			
100	QPSK	1	271		23.45		25.0	0.0
100	QPSK	135	0		22.56		24.0	1.0
100	QPSK	135	69		23.87		25.0	0.0
100	QPSK	135	138		22.69			
100	QPSK	270	0		22.58		24.0	1.0
100	16QAM	1	1		22.31		24.0	1.0
100	64QAM	1	1		20.65		22.5	2.5
100	256QAM	1	1		19.26		20.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	23.62	23.59	23.64	25.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	23.61	23.63	23.67	25.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	23.63	23.66	23.58	25.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	23.61	23.59	23.59	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.58	23.56	23.56	25.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	23.60	23.59	23.62	25.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	23.60	23.65	23.56	25.0	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				633332				
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	1	22.81			24.0	0.0
100	PI/2 BPSK	1	137	22.78				
100	PI/2 BPSK	1	271	22.86				
100	PI/2 BPSK	135	0	22.19				
100	PI/2 BPSK	135	69	22.85			23.5	0.5
100	PI/2 BPSK	135	138	22.28			24.0	0.0
100	PI/2 BPSK	270	0	22.18			23.5	0.5
100	QPSK	1	1	22.95			24.0	
100	QPSK	1	137	22.78				
100	QPSK	1	271	22.73				
100	QPSK	135	0	21.85				
100	QPSK	135	69	22.86			23.0	1.0
100	QPSK	135	138	21.75			24.0	0.0
100	QPSK	270	0	21.72			23.0	1.0
100	16QAM	1	1	21.33			23.0	1.0
100	64QAM	1	1	19.98			21.5	2.5
100	256QAM	1	1	18.40			19.5	4.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.80	22.70	22.72	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.72	22.81	22.72	24.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.72	22.81	22.79	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.70	22.72	22.80	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.80	22.75	22.81	24.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.71	22.74	22.72	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.71	22.77	22.72	24.0	0.0

Part27O_n78_Ant 9								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1	22.86			24.0	0.0
100	PI/2 BPSK	1	137	22.87				
100	PI/2 BPSK	1	271	22.98				
100	PI/2 BPSK	135	0	22.31			23.5	0.5
100	PI/2 BPSK	135	69	22.97			24.0	0.0
100	PI/2 BPSK	135	138	22.39				
100	PI/2 BPSK	270	0	22.32			23.5	0.5
100	QPSK	1	1	23.05				
100	QPSK	1	137	22.83			24.0	0.0
100	QPSK	1	271	22.82				
100	QPSK	135	0	21.83			23.0	1.0
100	QPSK	135	69	23.02			24.0	0.0
100	QPSK	135	138	21.87				
100	QPSK	270	0	21.78			23.0	1.0
100	16QAM	1	1	21.47			23.0	1.0
100	64QAM	1	1	20.09			21.5	2.5
100	256QAM	1	1	18.51			19.5	4.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	22.79	22.72	22.78	24.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	22.72	22.81	22.77	24.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	22.70	22.81	22.76	24.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.73	22.70	22.77	24.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.81	22.78	22.80	24.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.72	22.77	22.73	24.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.71	22.79	22.80	24.0	0.0

Reduced Power Mode for EC11

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. f Freq.	Power Middle Ch. f Freq.	Power High Ch. f Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	PV2 BPSK	1	1	18.57	18.54	18.52	19.7	0.0	
50	PV2 BPSK	1	67	18.64	18.56	18.62			
50	PV2 BPSK	1	131	18.57	18.58	18.48			
50	PV2 BPSK	64	0	18.52	18.52	18.56	19.7	0.0	
50	PV2 BPSK	64	35	18.60	18.54	18.55	19.7	0.0	
50	PV2 BPSK	64	69	18.59	18.64	18.53	19.7	0.0	
50	PV2 BPSK	128	0	18.52	18.63	18.48			
50	QPSK	1	1	18.66	18.68	18.65			
50	QPSK	1	67	18.54	18.66	18.51	19.7	0.0	
50	QPSK	1	131	18.62	18.59	18.58			
50	QPSK	64	0	18.52	18.56	18.51		0.0	
50	QPSK	64	35	18.65	18.67	18.63	19.7	0.0	
50	QPSK	64	69	18.63	18.65	18.54	19.7	0.0	
50	QPSK	128	0	18.63	18.65	18.61			
50	16QAM	1	1	18.56	18.59	18.48	19.7	0.0	
50	64QAM	1	1	18.61	18.61	18.62	19.7	0.0	
50	256QAM	1	1	18.50	18.59	18.54	19.7	0.0	
Channel				502200	518598	534998	Tune-up limit	MPR	
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)	
30	QPSK	1	1	18.60	18.60	18.50	19.7	0.0	
Channel				501204	518598	535998	Tune-up limit	MPR	
Frequency (MHz)				2506.02	2592.99	2679.98	(dBm)	(dB)	
20	QPSK	1	1	18.51	18.61	18.59	19.7	0.0	

n41_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. f Freq.	Power Middle Ch. f Freq.	Power High Ch. f Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	PV2 BPSK	1	1	23.27	23.43	23.36	25.0	0.0	
50	PV2 BPSK	1	67	23.34	23.44	23.34			
50	PV2 BPSK	1	131	23.16	23.30	23.15			
50	PV2 BPSK	64	0	22.90	22.95	22.85	24.5	0.5	
50	PV2 BPSK	64	35	23.33	23.47	23.40	25.0	0.0	
50	PV2 BPSK	64	69	22.85	22.91	22.79	24.5	0.5	
50	PV2 BPSK	128	0	22.93	22.99	22.83			
50	QPSK	1	1	23.50	23.55	23.50			
50	QPSK	1	67	23.46	23.45	23.37	25.0	0.0	
50	QPSK	1	131	23.27	23.35	23.29			
50	QPSK	64	0	22.41	22.55	22.44	24.0	1.0	
50	QPSK	64	35	23.46	23.54	23.40	25.0	0.0	
50	QPSK	64	69	22.31	22.46	22.32	24.0	1.0	
50	QPSK	128	0	22.30	22.35	22.29			
50	16QAM	1	1	22.06	22.15	22.02	24.0	1.0	
50	64QAM	1	1	20.66	20.81	20.71	22.5	2.5	
50	256QAM	1	1	19.12	19.23	19.16	20.5	4.5	
Channel				502200	518598	534998	Tune-up limit	MPR	
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)	
30	QPSK	1	1	23.44	23.42	23.45	25.0	0.0	
Channel				501204	518598	535998	Tune-up limit	MPR	
Frequency (MHz)				2506.02	2592.99	2679.98	(dBm)	(dB)	
20	QPSK	1	1	23.38	23.47	23.37	25.0	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				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	PI/2 BPSK	1	1	21.50	21.66	21.56	22.7	0.0	
50	PI/2 BPSK	1	67	21.52	21.61	21.49			
50	PI/2 BPSK	1	131	21.56	21.67	21.57			
50	PI/2 BPSK	64	0	21.53	21.61	21.60	22.7	0.0	
50	PI/2 BPSK	64	35	21.50	21.69	21.56	22.7	0.0	
50	PI/2 BPSK	64	69	21.57	21.62	21.53	22.7	0.0	
50	PI/2 BPSK	128	0	21.59	21.67	21.59			
50	QPSK	1	1	21.68	22.00	21.65		22.7 0.0	
50	QPSK	1	67	21.56	21.61	21.55			
50	QPSK	1	131	21.58	21.58	21.55			
50	QPSK	64	0	21.57	21.61	21.57	22.7	0.0	
50	QPSK	64	35	21.65	21.99	21.63	22.7	0.0	
50	QPSK	64	69	21.54	21.63	21.50	22.7	0.0	
50	QPSK	128	0	21.63	21.98	21.61			
50	16QAM	1	1	21.63	21.64	21.53		22.7	
50	64QAM	1	1	21.53	21.66	21.54	22.7	0.0	
50	256QAM	1	1	20.17	20.29	20.23	21.2	1.5	
Channel				502200	518598	532996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	21.57	21.72	21.61	22.7	0.0	
Channel				501204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2674.99			
20	QPSK	1	1	21.64	21.64	21.56	22.7	0.0	

n41_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	PI/2 BPSK	1	1	17.99	18.01	18.09	19.5	0.0	
50	PI/2 BPSK	1	67	18.03	18.05	18.07			
50	PI/2 BPSK	1	131	18.00	18.10	18.04			
50	PI/2 BPSK	64	0	18.04	18.02	18.04	19.5	0.0	
50	PI/2 BPSK	64	35	17.98	18.06	18.03	19.5	0.0	
50	PI/2 BPSK	64	69	17.98	18.09	18.07	19.5	0.0	
50	PI/2 BPSK	128	0	18.00	18.05	17.99			
50	QPSK	1	1	18.13	18.15	18.11			
50	QPSK	1	67	18.01	18.01	18.06	19.5	0.0	
50	QPSK	1	131	18.06	18.06	17.98			
50	QPSK	64	0	18.08	18.10	17.98			
50	QPSK	64	35	18.11	18.13	18.10	19.5	0.0	
50	QPSK	64	69	18.08	18.07	18.07	19.5	0.0	
50	QPSK	128	0	18.10	18.11	18.08			
50	16QAM	1	1	17.96	18.00	18.06			
50	64QAM	1	1	18.01	18.01	17.98	19.5	0.0	
50	256QAM	1	1	18.05	18.07	18.06	19.5	0.0	
Channel				502200	518598	533998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	18.00	18.09	18.03	19.5	0.0	
Channel				501204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2674.99			
20	QPSK	1	1	18.05	18.12	18.07	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				633332	3499.98				
Frequency (MHz)				16.74					
100	PI/2 BPSK	1	1	16.74			17.7	0.0	
100	PI/2 BPSK	1	137	16.62					
100	PI/2 BPSK	1	271	16.65					
100	PI/2 BPSK	135	0	16.65			17.7	0.0	
100	PI/2 BPSK	135	69	16.75			17.7	0.0	
100	PI/2 BPSK	135	138	16.72			17.7	0.0	
100	PI/2 BPSK	270	0	16.64					
100	QPSK	1	1	17.10					
100	QPSK	1	137	16.62			17.7	0.0	
100	QPSK	1	271	16.71					
100	QPSK	135	0	16.62			17.7	0.0	
100	QPSK	135	69	17.08			17.7	0.0	
100	QPSK	135	138	16.74			17.7	0.0	
100	QPSK	270	0	17.05					
100	16QAM	1	1	16.68			17.7	0.0	
100	64QAM	1	1	16.72			17.7	0.0	
100	256QAM	1	1	16.69			17.7	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	16.63	16.65	16.62	17.7	0.0	
Channel				632666	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	16.69	16.74	16.73	17.7	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	16.71	16.67	16.71	17.7	0.0	
Channel				631666	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	16.62	16.72	16.65	17.7	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	16.66	16.74	16.61	17.7	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	16.75	16.64	16.83	17.7	0.0	
Channel				630666	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	16.62	16.72	16.67	17.7	0.0	

Part27O_n77_Ant 6									
BW [MHz]	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	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	16.60	16.64	16.57			
100	PI/2 BPSK	1	137	16.54	16.72	16.59	17.7	0.0	
100	PI/2 BPSK	1	271	16.54	16.60	16.50			
100	PI/2 BPSK	135	0	16.61	16.61	16.62	17.7	0.0	
100	PI/2 BPSK	135	69	16.51	16.62	16.62	17.7	0.0	
100	PI/2 BPSK	135	138	16.55	16.72	16.54	17.7	0.0	
100	PI/2 BPSK	270	0	16.63	16.68	16.64			
100	QPSK	1	1	16.66	16.75	16.67			
100	QPSK	1	137	16.51	16.71	16.50	17.7	0.0	
100	QPSK	1	271	16.62	16.70	16.52			
100	QPSK	135	0	16.57	16.70	16.58	17.7	0.0	
100	QPSK	135	69	16.66	16.75	16.65	17.7	0.0	
100	QPSK	135	138	16.55	16.61	16.63	17.7	0.0	
100	QPSK	270	0	16.65	16.73	16.63			
100	16QAM	1	1	16.61	16.71	16.52	17.7	0.0	
100	64QAM	1	1	16.57	16.65	16.64	17.7	0.0	
100	256QAM	1	1	16.53	16.61	16.58	17.7	0.0	
Channel				648666	656000	662332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1	16.61	16.63	16.54	17.7	0.0	
Channel				648334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1	16.73	16.54	16.55	17.7	0.0	
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1	16.61	16.63	16.59	17.7	0.0	
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1	16.60	16.59	16.61	17.7	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	16.66	16.62	16.62	17.7	0.0	
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.99			
30	QPSK	1	1	16.68	16.62	16.61	17.7	0.0	
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1	16.70	16.59	16.62	17.7	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				633332	633332		18.5	0.0	
Frequency (MHz)				3499.98					
100	Pi/2 BPSK	1	1	17.05			18.5	0.0	
100	Pi/2 BPSK	1	137	17.09					
100	Pi/2 BPSK	1	271	17.11			18.5	0.0	
100	Pi/2 BPSK	135	0	17.05					
100	Pi/2 BPSK	135	69	17.06			18.5	0.0	
100	Pi/2 BPSK	135	138	17.12			18.5	0.0	
100	Pi/2 BPSK	270	0	17.17					
100	QPSK	1	1	17.20			18.5	0.0	
100	QPSK	1	137	17.06					
100	QPSK	1	271	17.17			18.5	0.0	
100	QPSK	135	0	17.15					
100	QPSK	135	69	17.18			18.5	0.0	
100	QPSK	135	138	17.07			18.5	0.0	
100	QPSK	270	0	17.16					
100	16QAM	1	1	17.03			18.5	0.0	
100	64QAM	1	1	17.07			18.5	0.0	
100	256QAM	1	1	17.04			18.5	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	17.09	17.12	17.08	18.5	0.0	
Channel				632666	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	17.09	17.14	17.03	18.5	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	17.05	17.14	17.09	18.5	0.0	
Channel				631666	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	17.13	17.13	17.17	18.5	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	17.08	17.12	17.06	18.5	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	17.14	17.13	17.04	18.5	0.0	
Channel				630666	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	17.08	17.15	17.15	18.5	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				655000	655000	662000	18.5	0.0	
Frequency (MHz)				3750	3840	3930			
100	Pi/2 BPSK	1	1	16.66	16.88	16.56	18.5	0.0	
100	Pi/2 BPSK	1	137	16.69	16.95	16.52			
100	Pi/2 BPSK	1	271	16.70	16.94	16.52	18.5	0.0	
100	Pi/2 BPSK	135	0	16.62	17.01	16.55			
100	Pi/2 BPSK	135	69	16.64	16.97	16.63	18.5	0.0	
100	Pi/2 BPSK	135	138	16.68	16.97	16.61	18.5	0.0	
100	Pi/2 BPSK	270	0	16.65	17.00	16.54			
100	QPSK	1	1	16.76	17.05	16.68	18.5	0.0	
100	QPSK	1	137	16.63	16.91	16.65			
100	QPSK	1	271	16.69	16.93	16.61	18.5	0.0	
100	QPSK	135	0	16.66	16.92	16.65			
100	QPSK	135	69	16.75	17.03	16.66	18.5	0.0	
100	QPSK	135	138	16.71	17.00	16.66	18.5	0.0	
100	QPSK	270	0	16.73	17.01	16.63			
100	16QAM	1	1	16.69	17.01	16.55	18.5	0.0	
100	64QAM	1	1	16.70	17.00	16.55	18.5	0.0	
100	256QAM	1	1	16.66	16.96	16.80	18.5	0.0	
Channel				648666	656000	662332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1	16.91	16.62	16.64	18.5	0.0	
Channel				648334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1	16.89	16.66	16.55	18.5	0.0	
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1	16.96	16.60	16.64	18.5	0.0	
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1	16.90	16.63	16.55	18.5	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	16.98	16.74	16.54	18.5	0.0	
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.99			
30	QPSK	1	1	16.91	16.73	16.54	18.5	0.0	
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1	16.93	16.71	16.51	18.5	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				633332	633332		18.0	0.0	
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1		16.84		18.0	0.0	
100	PI/2 BPSK	1	137		16.93				
100	PI/2 BPSK	1	271		16.92				
100	PI/2 BPSK	135	0		16.89		18.0	0.0	
100	PI/2 BPSK	135	69		16.90		18.0	0.0	
100	PI/2 BPSK	135	138		16.89		18.0	0.0	
100	PI/2 BPSK	270	0		16.95				
100	QPSK	1	1		16.98		18.0	0.0	
100	QPSK	1	137		16.94				
100	QPSK	1	271		16.86				
100	QPSK	135	0		16.89		18.0	0.0	
100	QPSK	135	69		16.98		18.0	0.0	
100	QPSK	135	138		16.93		18.0	0.0	
100	QPSK	270	0		16.95				
100	16QAM	1	1		16.82		18.0	0.0	
100	64QAM	1	1		16.94		18.0	0.0	
100	256QAM	1	1		16.84		18.0	0.0	
Channel				633000	633332	633666	18.0	0.0	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1		16.86	16.90	16.86	18.0	0.0
Channel				632666	633332	634000	18.0	0.0	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1		16.90	16.85	16.81	18.0	0.0
Channel				632000	633332	634666	18.0	0.0	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1		16.93	16.93	16.85	18.0	0.0
Channel				631666	633332	635000	18.0	0.0	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1		16.87	16.95	16.94	18.0	0.0
Channel				631334	633332	635332	18.0	0.0	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1		16.91	16.88	16.91	18.0	0.0
Channel				631000	633332	635666	18.0	0.0	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1		16.83	16.80	16.89	18.0	0.0
Channel				630666	633332	636000	18.0	0.0	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1		16.91	16.92	16.89	18.0	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				655000	655000	662000	18.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1		16.68	16.86	16.57	18.0	0.0
100	PI/2 BPSK	1	137		16.67	16.82	16.59		
100	PI/2 BPSK	1	271		16.81	16.77	16.57		
100	PI/2 BPSK	135	0		16.57	16.85	16.80	18.0	0.0
100	PI/2 BPSK	135	69		16.61	16.83	16.86	18.0	0.0
100	PI/2 BPSK	135	138		16.60	16.77	16.63	18.0	0.0
100	PI/2 BPSK	270	0		16.69	16.83	16.81		
100	QPSK	1	1		16.73	16.91	16.70	18.0	0.0
100	QPSK	1	137		16.64	16.81	16.54		
100	QPSK	1	271		16.59	16.83	16.60		
100	QPSK	135	0		16.63	16.81	16.64	18.0	0.0
100	QPSK	135	69		16.71	16.89	16.88	18.0	0.0
100	QPSK	135	138		16.63	16.84	16.65	18.0	0.0
100	QPSK	270	0		16.70	16.87	16.66		
100	16QAM	1	1		16.60	16.79	16.66	18.0	0.0
100	64QAM	1	1		16.65	16.85	16.66	18.0	0.0
100	256QAM	1	1		16.64	16.85	16.62	18.0	0.0
Channel				648666	656000	662332	18.0	0.0	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1		16.87	16.57	16.62	18.0	0.0
Channel				648334	656000	662666	18.0	0.0	
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1		16.85	16.64	16.61	18.0	0.0
Channel				648666	656000	663332	18.0	0.0	
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1		16.79	16.68	16.67	18.0	0.0
Channel				648334	656000	663666	18.0	0.0	
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1		16.84	16.63	16.59	18.0	0.0
Channel				648000	656000	664000	18.0	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1		16.78	16.61	16.63	18.0	0.0
Channel				647666	656000	664332	18.0	0.0	
Frequency (MHz)				3715.02	3840	3964.99			
30	QPSK	1	1		16.83	16.64	16.64	18.0	0.0
Channel				647334	656000	664666	18.0	0.0	
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1		16.80	16.67	16.61	18.0	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				633332	633332				
Frequency (MHz)				3499.98					
100	Pi/2 BPSK	1	1		21.10				
100	Pi/2 BPSK	1	137		21.03		22.5	0.0	
100	Pi/2 BPSK	1	271		20.96				
100	Pi/2 BPSK	135	0		20.54		22.0	0.5	
100	Pi/2 BPSK	135	69		21.16		22.5	0.0	
100	Pi/2 BPSK	135	138		20.57		22.0	0.5	
100	Pi/2 BPSK	270	0		20.45				
100	QPSK	1	1		21.50				
100	QPSK	1	137		21.44		22.5	0.0	
100	QPSK	1	271		21.26				
100	QPSK	135	0		20.52		21.5	1.0	
100	QPSK	135	69		21.41		22.5	0.0	
100	QPSK	135	138		20.32		21.5	1.0	
100	QPSK	270	0		20.33				
100	16QAM	1	1		19.86		21.5	1.0	
100	64QAM	1	1		18.16		20.0	2.5	
100	256QAM	1	1		16.79		18.0	4.5	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1		21.11	20.95	20.97	22.5	0.0
Channel				632666	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1		21.11	20.93	21.06	22.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1		21.18	20.90	20.98	22.5	0.0
Channel				631666	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1		21.16	20.89	20.97	22.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1		21.12	20.88	21.00	22.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1		21.10	20.93	20.96	22.5	0.0
Channel				630666	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1		21.20	20.96	20.98	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				655000	655000	662000			
Frequency (MHz)				3750	3840	3930			
100	Pi/2 BPSK	1	1		21.06	21.16	21.04		
100	Pi/2 BPSK	1	137		21.06	21.19	21.07	22.5	0.0
100	Pi/2 BPSK	1	271		20.97	21.02	20.96		
100	Pi/2 BPSK	135	0		20.57	20.62	20.53	22.0	0.5
100	Pi/2 BPSK	135	69		21.15	21.23	21.17	22.5	0.0
100	Pi/2 BPSK	135	138		20.54	20.62	20.55	22.0	0.5
100	Pi/2 BPSK	270	0		20.47	20.58	20.53		
100	QPSK	1	1		21.12	21.26	21.11		
100	QPSK	1	137		21.01	21.17	21.10	22.5	0.0
100	QPSK	1	271		20.91	21.02	20.90		
100	QPSK	135	0		20.11	20.19	20.12	21.5	1.0
100	QPSK	135	69		21.10	21.18	21.08	22.5	0.0
100	QPSK	135	138		20.07	20.13	20.00	21.5	1.0
100	QPSK	270	0		19.91	20.02	19.95		
100	16QAM	1	1		18.85	19.96	19.84	21.5	1.0
100	64QAM	1	1		18.26	18.31	18.20	20.0	2.5
100	256QAM	1	1		16.82	16.88	16.73	18.0	4.5
Channel				648666	656000	662332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1		21.14	20.92	21.00	22.5	0.0
Channel				648334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1		21.21	20.90	20.95	22.5	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1		21.17	20.93	20.99	22.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1		21.19	20.94	21.01	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1		21.11	20.94	20.96	22.5	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.99			
30	QPSK	1	1		21.20	20.87	21.06	22.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1		21.19	20.96	20.96	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332	3499.98				
Frequency (MHz)				16.72	16.71		17.7	0.0	
100	PI/2 BPSK	1	1	16.72	16.71		17.7	0.0	
100	PI/2 BPSK	1	137	16.74	16.73		17.7	0.0	
100	PI/2 BPSK	1	271	16.74	16.73		17.7	0.0	
100	PI/2 BPSK	135	0	16.65	16.63		17.7	0.0	
100	PI/2 BPSK	135	69	16.63	16.61		17.7	0.0	
100	PI/2 BPSK	135	138	16.61	16.69		17.7	0.0	
100	PI/2 BPSK	270	0	16.78	16.75		17.7	0.0	
100	QPSK	1	1	16.78	16.75		17.7	0.0	
100	QPSK	1	137	16.78	16.75		17.7	0.0	
100	QPSK	1	271	16.78	16.75		17.7	0.0	
100	QPSK	135	0	16.74	16.73		17.7	0.0	
100	QPSK	135	69	16.78	16.67		17.7	0.0	
100	QPSK	135	138	16.67	16.65		17.7	0.0	
100	QPSK	270	0	16.75	16.71		17.7	0.0	
100	16QAM	1	1	16.71	16.63		17.7	0.0	
100	64QAM	1	1	16.63	16.68		17.7	0.0	
100	256QAM	1	1	16.68	633000	633666	Tune-up limit (dBm)	MPR (dB)	
Channel				3495	3499.98	3504.99	17.7	0.0	
Frequency (MHz)				16.61	16.68	16.69	17.7	0.0	
90	QPSK	1	1	16.61	16.68	16.69	17.7	0.0	
Channel				632666	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510	17.7	0.0	
80	QPSK	1	1	16.64	16.75	16.73	17.7	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99	17.7	0.0	
60	QPSK	1	1	16.61	16.71	16.71	17.7	0.0	
Channel				631666	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525	17.7	0.0	
50	QPSK	1	1	16.68	16.65	16.73	17.7	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98	17.7	0.0	
40	QPSK	1	1	16.72	16.64	16.68	17.7	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99	17.7	0.0	
30	QPSK	1	1	16.74	16.66	16.66	17.7	0.0	
Channel				630666	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540	17.7	0.0	
20	QPSK	1	1	16.69	16.64	16.63	17.7	0.0	

Part27O_n78_Ant 6									
BW [MHz]	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	3750				
Frequency (MHz)				16.63	16.65		17.7	0.0	
100	PI/2 BPSK	1	1	16.63	16.65		17.7	0.0	
100	PI/2 BPSK	1	137	16.74	16.73		17.7	0.0	
100	PI/2 BPSK	1	271	16.74	16.73		17.7	0.0	
100	PI/2 BPSK	135	0	16.73	16.74		17.7	0.0	
100	PI/2 BPSK	135	69	16.74	16.67		17.7	0.0	
100	PI/2 BPSK	135	138	16.67	16.62		17.7	0.0	
100	PI/2 BPSK	270	0	16.78	16.75		17.7	0.0	
100	QPSK	1	1	16.78	16.75		17.7	0.0	
100	QPSK	1	137	16.78	16.75		17.7	0.0	
100	QPSK	1	271	16.78	16.75		17.7	0.0	
100	QPSK	135	0	16.75	16.76		17.7	0.0	
100	QPSK	135	69	16.76	16.71		17.7	0.0	
100	QPSK	135	138	16.71	16.75		17.7	0.0	
100	QPSK	270	0	16.75	16.61		17.7	0.0	
100	16QAM	1	1	16.61	16.69		17.7	0.0	
100	64QAM	1	1	16.69	648968	650000	Tune-up limit (dBm)	MPR (dB)	
Channel				3745.02	3750	3754.98	17.7	0.0	
Frequency (MHz)				16.72	16.70	16.61	17.7	0.0	
90	QPSK	1	1	16.72	16.70	16.61	17.7	0.0	
Channel				648334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99	17.7	0.0	
80	QPSK	1	1	16.68	16.67	16.62	17.7	0.0	
Channel				648968	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98	17.7	0.0	
60	QPSK	1	1	16.63	16.72	16.73	17.7	0.0	
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99	17.7	0.0	
50	QPSK	1	1	16.64	16.64	16.64	17.7	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780	17.7	0.0	
40	QPSK	1	1	16.67	16.61	16.72	17.7	0.0	
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98	17.7	0.0	
30	QPSK	1	1	16.63	16.67	16.74	17.7	0.0	
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99	17.7	0.0	
20	QPSK	1	1	16.72	16.61	16.71	17.7	0.0	

Part27Q_n78_Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332	3499.98				
Frequency (MHz)				15.82	15.73		17.5	0.0	
100	PI/2 BPSK	1	1						
100	PI/2 BPSK	1	137						
100	PI/2 BPSK	1	271		15.83				
100	PI/2 BPSK	135	0		15.81		17.5	0.0	
100	PI/2 BPSK	135	69		15.71		17.5	0.0	
100	PI/2 BPSK	135	138		15.74		17.5	0.0	
100	PI/2 BPSK	270	0		15.84		17.5	0.0	
100	QPSK	1	1		15.88				
100	QPSK	1	137		15.75		17.5	0.0	
100	QPSK	1	271		15.75				
100	QPSK	135	0		15.77		17.5	0.0	
100	QPSK	135	69		15.88		17.5	0.0	
100	QPSK	135	138		15.83		17.5	0.0	
100	QPSK	270	0		15.85				
100	16QAM	1	1		15.77		17.5	0.0	
100	64QAM	1	1		15.73		17.5	0.0	
100	256QAM	1	1		15.78		17.5	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1		15.74	15.84	15.82	17.5	0.0
Channel				632666	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1		15.83	15.79	15.73	17.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1		15.82	15.73	15.83	17.5	0.0
Channel				631666	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1		15.72	15.75	15.75	17.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1		15.85	15.73	15.77	17.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1		15.73	15.72	15.81	17.5	0.0
Channel				630666	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1		15.73	15.78	15.74	17.5	0.0

Part27O_n78_Ant 8									
BW [MHz]	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	3750				
Frequency (MHz)				15.84	15.78		17.5	0.0	
100	PI/2 BPSK	1	1						
100	PI/2 BPSK	1	137						
100	PI/2 BPSK	1	271		15.76				
100	PI/2 BPSK	135	0		15.83		17.5	0.0	
100	PI/2 BPSK	135	69		15.73		17.5	0.0	
100	PI/2 BPSK	135	138		15.79		17.5	0.0	
100	PI/2 BPSK	270	0		15.76		17.5	0.0	
100	QPSK	1	1		15.90				
100	QPSK	1	137		15.83		17.5	0.0	
100	QPSK	1	271		15.79				
100	QPSK	135	0		15.86		17.5	0.0	
100	QPSK	135	69		15.88		17.5	0.0	
100	QPSK	135	138		15.78		17.5	0.0	
100	QPSK	270	0		15.87				
100	16QAM	1	1		15.73		17.5	0.0	
100	64QAM	1	1		15.81		17.5	0.0	
100	256QAM	1	1		15.78		17.5	0.0	
Channel				648666	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1		15.80	15.79	15.75	17.5	0.0
Channel				648334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99			
80	QPSK	1	1		15.81	15.84	15.81	17.5	0.0
Channel				648666	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98			
60	QPSK	1	1		15.84	15.82	15.73	17.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1		15.79	15.75	15.73	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		15.77	15.78	15.84	17.5	0.0
Channel				647666	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98			
30	QPSK	1	1		15.84	15.74	15.87	17.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99			
20	QPSK	1	1		15.80	15.83	15.86	17.5	0.0

Part27Q_n78_Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332	3499.98				
Frequency (MHz)				15.21	15.14		16.5	0.0	
100	Pi/2 BPSK	1	1						
100	Pi/2 BPSK	1	137						
100	Pi/2 BPSK	1	271		15.12				
100	Pi/2 BPSK	135	0		15.18		16.5	0.0	
100	Pi/2 BPSK	135	69		15.25		16.5	0.0	
100	Pi/2 BPSK	135	138		15.16		16.5	0.0	
100	Pi/2 BPSK	270	0		15.22				
100	QPSK	1	1		15.28				
100	QPSK	1	137		15.21		16.5	0.0	
100	QPSK	1	271		15.17				
100	QPSK	135	0		15.15		16.5	0.0	
100	QPSK	135	69		15.28		16.5	0.0	
100	QPSK	135	138		15.12		16.5	0.0	
100	QPSK	270	0		15.25				
100	16QAM	1	1		15.25		16.5	0.0	
100	64QAM	1	1		15.19		16.5	0.0	
100	256QAM	1	1		15.22		16.5	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1		15.15	15.12	15.16	16.5	0.0
Channel				632666	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1		15.12	15.15	15.15	16.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1		15.14	15.16	15.18	16.5	0.0
Channel				631666	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1		15.11	15.20	15.16	16.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1		15.24	15.25	15.14	16.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1		15.16	15.25	15.14	16.5	0.0
Channel				630666	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1		15.24	15.13	15.18	16.5	0.0

Part27O_n78_Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					650000				
Frequency (MHz)					3750				
100	Pi/2 BPSK	1	1		15.01				
100	Pi/2 BPSK	1	137		15.04		16.5	0.0	
100	Pi/2 BPSK	1	271		14.99				
100	Pi/2 BPSK	135	0		15.02		16.5	0.0	
100	Pi/2 BPSK	135	69		15.08		16.5	0.0	
100	Pi/2 BPSK	135	138		15.00		16.5	0.0	
100	Pi/2 BPSK	270	0		14.98				
100	QPSK	1	1		15.15				
100	QPSK	1	137		15.08		16.5	0.0	
100	QPSK	1	271		15.11				
100	QPSK	135	0		15.12		16.5	0.0	
100	QPSK	135	69		15.13		16.5	0.0	
100	QPSK	135	138		15.08		16.5	0.0	
100	QPSK	270	0		15.11				
100	16QAM	1	1		15.05		16.5	0.0	
100	64QAM	1	1		15.11		16.5	0.0	
100	256QAM	1	1		15.01		16.5	0.0	
Channel				648666	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1		14.99	15.04	15.02	16.5	0.0
Channel				648334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99			
80	QPSK	1	1		15.06	15.00	15.00	16.5	0.0
Channel				648666	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98			
60	QPSK	1	1		15.05	15.07	15.08	16.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1		15.11	15.07	15.04	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		15.00	15.02	15.00	16.5	0.0
Channel				647666	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98			
30	QPSK	1	1		15.12	15.07	15.08	16.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99			
20	QPSK	1	1		14.98	15.02	15.08	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				633332	633332				
Frequency (MHz)				3499.98					
100	Pi/2 BPSK	1	1		22.81				
100	Pi/2 BPSK	1	137		22.78		24.0	0.0	
100	Pi/2 BPSK	1	271		22.96				
100	Pi/2 BPSK	135	0		22.19		23.5	0.5	
100	Pi/2 BPSK	135	69		22.85		24.0	0.0	
100	Pi/2 BPSK	135	138		22.28		23.5	0.5	
100	Pi/2 BPSK	270	0		22.18				
100	QPSK	1	1		22.95				
100	QPSK	1	137		22.78		24.0	0.0	
100	QPSK	1	271		22.75				
100	QPSK	135	0		21.85		23.0	1.0	
100	QPSK	135	69		22.88		24.0	0.0	
100	QPSK	135	138		21.75		23.0	1.0	
100	QPSK	270	0		21.72				
100	16QAM	1	1		21.33		23.0	1.0	
100	64QAM	1	1		19.98		21.5	2.5	
100	256QAM	1	1		18.40		19.5	4.5	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1		22.80	22.70	22.72	24.0	0.0
Channel				632666	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1		22.72	22.81	22.72	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1		22.72	22.81	22.79	24.0	0.0
Channel				631666	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1		22.70	22.72	22.80	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1		22.80	22.75	22.81	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1		22.71	22.74	22.72	24.0	0.0
Channel				630666	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1		22.71	22.77	22.72	24.0	0.0

Part27O_n78_Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000				
Frequency (MHz)				3750					
100	Pi/2 BPSK	1	1		22.86				
100	Pi/2 BPSK	1	137		22.87		24.0	0.0	
100	Pi/2 BPSK	1	271		22.96				
100	Pi/2 BPSK	135	0		22.31		23.5	0.5	
100	Pi/2 BPSK	135	69		22.97		24.0	0.0	
100	Pi/2 BPSK	135	138		22.39		23.5	0.5	
100	Pi/2 BPSK	270	0		22.32				
100	QPSK	1	1		23.05				
100	QPSK	1	137		22.83		24.0	0.0	
100	QPSK	1	271		22.82				
100	QPSK	135	0		21.83		23.0	1.0	
100	QPSK	135	69		23.02		24.0	0.0	
100	QPSK	135	138		21.87		23.0	1.0	
100	QPSK	270	0		21.78				
100	16QAM	1	1		21.47		23.0	1.0	
100	64QAM	1	1		20.09		21.5	2.5	
100	256QAM	1	1		18.51		19.5	4.5	
Channel				648666	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1		22.79	22.72	22.78	24.0	0.0
Channel				648334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99			
80	QPSK	1	1		22.72	22.81	22.77	24.0	0.0
Channel				648666	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98			
60	QPSK	1	1		22.70	22.81	22.76	24.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1		22.73	22.70	22.77	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		22.81	22.78	22.80	24.0	0.0
Channel				647666	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98			
30	QPSK	1	1		22.72	22.77	22.73	24.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99			
20	QPSK	1	1		22.71	22.79	22.80	24.0	0.0

Reduced Power Mode for ECI4

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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				504204	518598	532998	25.7	0.0	
Frequency (MHz)				2521.02	2592.99	2664.96			
50	PV2 BPSK	1	1	24.45	24.61	24.50	25.7	0.0	
50	PV2 BPSK	1	67	24.40	24.53	24.39			
50	PV2 BPSK	1	131	24.37	24.42	24.37			
50	PV2 BPSK	64	0	23.99	24.10	23.95			
50	PV2 BPSK	64	35	24.52	24.64	24.55	25.7	0.0	
50	PV2 BPSK	64	69	23.94	24.08	23.99	25.2	0.5	
50	PV2 BPSK	128	0	23.95	24.10	24.02			
50	QPSK	1	1	24.58	24.65	24.54	25.7	0.0	
50	QPSK	1	67	24.42	24.54	24.45			
50	QPSK	1	131	24.43	24.48	24.35			
50	QPSK	64	0	23.59	23.64	23.48		1.0	
50	QPSK	64	35	24.48	24.59	24.48	25.7	0.0	
50	QPSK	64	69	23.50	23.59	23.48	24.7	1.0	
50	QPSK	128	0	23.45	23.57	23.47			
50	16QAM	1	1	23.13	23.24	23.16	24.7	1.0	
50	64QAM	1	1	21.70	21.79	21.72	23.2	2.5	
50	256QAM	1	1	20.30	20.37	20.32	21.2	4.5	
Channel				502200	516598	530998	25.7	0.0	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	24.53	24.58	24.39	25.7	0.0	
Channel				501204	518598	535998	25.7	0.0	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	24.50	24.54	24.46	25.7	0.0	

n41_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504204	518598	532998	25.0	0.0	
Frequency (MHz)				2521.02	2592.99	2664.96			
50	PV2 BPSK	1	1	23.27	23.43	23.36	25.0	0.0	
50	PV2 BPSK	1	67	23.34	23.44	23.34			
50	PV2 BPSK	1	131	23.16	23.30	23.15			
50	PV2 BPSK	64	0	22.90	22.95	22.85		0.5	
50	PV2 BPSK	64	35	23.33	23.47	23.40	25.0	0.0	
50	PV2 BPSK	64	69	22.85	22.91	22.79	24.5	0.5	
50	PV2 BPSK	128	0	22.93	22.99	22.83			
50	QPSK	1	1	23.50	23.55	23.50	25.0	0.0	
50	QPSK	1	67	23.40	23.45	23.37			
50	QPSK	1	131	23.27	23.35	23.29			
50	QPSK	64	0	22.41	22.55	22.44		1.0	
50	QPSK	64	35	23.46	23.54	23.40	25.0	0.0	
50	QPSK	64	69	22.31	22.46	22.32	24.0	1.0	
50	QPSK	128	0	22.30	22.35	22.29			
50	16QAM	1	1	22.06	22.15	22.02	24.0	1.0	
50	64QAM	1	1	20.66	20.81	20.71	22.5	2.5	
50	256QAM	1	1	19.12	19.23	19.16	20.5	4.5	
Channel				502200	516598	530998	25.0	0.0	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	23.44	23.42	23.45	25.0	0.0	
Channel				501204	518598	535998	25.0	0.0	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	23.38	23.47	23.37	25.0	0.0	

n41_Ant 5											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				50204	51858	53298	22.7	0.0			
Frequency (MHz)				2521.02	2592.99	2684.99					
50	PI/2 BPSK	1	1	21.50	21.66	21.56	22.7	0.0			
50	PI/2 BPSK	1	67	21.52	21.61	21.49					
50	PI/2 BPSK	1	131	21.56	21.67	21.57					
50	PI/2 BPSK	64	0	21.53	21.61	21.60					
50	PI/2 BPSK	64	35	21.50	21.69	21.58	22.7	0.0			
50	PI/2 BPSK	64	69	21.57	21.62	21.53					
50	PI/2 BPSK	128	0	21.59	21.67	21.59					
50	QPSK	1	1	21.58	22.00	21.65		0.0			
50	QPSK	1	67	21.56	21.61	21.55	22.7			0.0	
50	QPSK	1	131	21.58	21.58	21.55					
50	QPSK	64	0	21.57	21.61	21.57					
50	QPSK	64	35	21.48	21.99	21.63	22.7	0.0			
50	QPSK	64	69	21.54	21.63	21.50					
50	QPSK	128	0	21.63	21.98	21.61					
50	16QAM	1	1	21.63	21.64	21.53		22.7		0.0	
50	64QAM	1	1	21.53	21.66	21.54	22.7	0.0			
50	256QAM	1	1	20.17	20.29	20.23				21.2	1.5
Channel				50220	51858	53298				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98	25.0	0.0			
30	QPSK	1	1	21.57	21.72	21.61				22.7	0.0
Channel				501204	518598	535998	25.0	0.0			
Frequency (MHz)				2506.02	2592.99	2679.99				22.7	0.0
20	QPSK	1	1	21.64	21.64	21.56	22.7	0.0			

n41_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel							25.0	0.0	
Frequency (MHz)									
50	PI/2 BPSK	1	1	23.64	23.79	23.71	25.0	0.0	
50	PI/2 BPSK	1	67	23.57	23.73	23.65			
50	PI/2 BPSK	1	131	23.44	23.55	23.49			
50	PI/2 BPSK	64	0	23.20	23.30	23.23		0.5	
50	PI/2 BPSK	64	35	23.73	23.79	23.64	24.5	0.0	
50	PI/2 BPSK	64	69	23.11	23.18	23.07			
50	PI/2 BPSK	128	0	23.31	23.38	23.25			
50	QPSK	1	1	23.78	23.83	23.73	25.0	0.0	
50	QPSK	1	67	23.69	23.74	23.65			
50	QPSK	1	131	23.38	23.49	23.42			
50	QPSK	64	0	22.61	22.74	22.67		1.0	
50	QPSK	64	35	23.59	23.71	23.53	24.0	0.0	
50	QPSK	64	69	22.47	22.63	22.48			
50	QPSK	128	0	22.59	22.71	22.66			
50	16QAM	1	1	22.32	22.45	22.37	22.5	4.5	
50	64QAM	1	1	20.90	21.02	20.92			
50	256QAM	1	1	19.56	19.62	19.57			
Channel				50220	51858	53298			
Frequency (MHz)				2511	2592.99	2674.98	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	23.64	23.68	23.60	25.0	0.0	
Channel				501204	518598	535998	25.0	0.0	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	23.71	23.75	23.65	25.0	0.0	

Part27Q_n77_Ant 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332	633332				
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1		24.67		25.7	0.0	
100	PI/2 BPSK	1	137		24.63				
100	PI/2 BPSK	1	271		24.63				
100	PI/2 BPSK	135	0		24.29				
100	PI/2 BPSK	135	69		24.76		25.2	0.5	
100	PI/2 BPSK	135	138		24.11		25.7	0.0	
100	PI/2 BPSK	270	0		24.13		25.2	0.5	
100	QPSK	1	1		24.77		25.7	0.0	
100	QPSK	1	137		24.74				
100	QPSK	1	271		24.57				
100	QPSK	135	0		23.73				
100	QPSK	135	69		24.67		24.7	1.0	
100	QPSK	135	138		23.60		25.7	0.0	
100	QPSK	270	0		23.55		24.7	1.0	
100	16QAM	1	1		23.58		24.7	1.0	
100	64QAM	1	1		21.74				
100	256QAM	1	1		20.38		21.2	4.5	
Channel				633000	633332	633666			
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1		24.64	24.63	24.65	25.7	0.0
Channel				632668	633332	634000			
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1		24.63	24.62	24.63	25.7	0.0
Channel				633000	633332	633666			
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1		24.67	24.66	24.68	25.7	0.0
Channel				631668	633332	635000			
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1		24.66	24.66	24.70	25.7	0.0
Channel				631334	633332	635332			
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1		24.68	24.72	24.69	25.7	0.0
Channel				631000	633332	635666			
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1		24.65	24.66	24.62	25.7	0.0
Channel				630668	633332	635000			
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1		24.63	24.71	24.64	25.7	0.0

Part27O_n77_Ant 6									
BW [MHz]	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		24.69	24.62	24.60	25.7	0.0
100	PI/2 BPSK	1	137		24.63	24.51	24.55		
100	PI/2 BPSK	1	271		24.58	24.48	24.47		
100	PI/2 BPSK	135	0		24.11	23.96	23.95		
100	PI/2 BPSK	135	69		24.65	24.57	24.60	25.7	0.0
100	PI/2 BPSK	135	138		24.03	23.94	23.94		
100	PI/2 BPSK	270	0		24.04	23.91	23.93	25.2	0.5
100	QPSK	1	1		24.65	24.76	24.69		
100	QPSK	1	137		24.57	24.71	24.61	25.7	0.0
100	QPSK	1	271		24.53	24.68	24.62		
100	QPSK	135	0		23.55	23.65	23.54		
100	QPSK	135	69		24.55	24.70	24.62		
100	QPSK	135	138		23.52	23.67	23.64	24.7	1.0
100	QPSK	270	0		23.44	23.51	23.37		
100	16QAM	1	1		23.45	23.29	23.36	24.7	1.0
100	64QAM	1	1		21.75	21.70	21.70	23.2	2.5
100	256QAM	1	1		20.38	20.30	20.24	21.2	4.5
Channel				649668	650000	650332			
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1		24.61	24.58	24.64	25.7	0.0
Channel				649334	650000	650666			
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1		24.66	24.52	24.59	25.7	0.0
Channel				649000	650000	651000			
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1		24.66	24.60	24.53	25.7	0.0
Channel				648334	650000	651666			
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1		24.64	24.50	24.57	25.7	0.0
Channel				648000	650000	652000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1		24.68	24.57	24.55	25.7	0.0
Channel				647668	650000	652332			
Frequency (MHz)				3715.02	3840	3964.98			
30	QPSK	1	1		24.61	24.52	24.56	25.7	0.0
Channel				647334	650000	652666			
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1		24.61	24.51	24.54	25.7	0.0

Part27Q_n77_Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					633332				
Frequency (MHz)					3499.98				
100	PI/2 BPSK	1	1		21.88		23.5		0.0
100	PI/2 BPSK	1	137		21.79				
100	PI/2 BPSK	1	271		21.72				
100	PI/2 BPSK	135	0		21.36				
100	PI/2 BPSK	135	69		21.91		23.0		0.5
100	PI/2 BPSK	135	138		21.25		23.0		0.5
100	PI/2 BPSK	270	0		21.13				
100	QPSK	1	1		22.17		23.5		0.0
100	QPSK	1	137		22.09				
100	QPSK	1	271		21.95				
100	QPSK	135	0		21.17				
100	QPSK	135	69		22.05		22.5		1.0
100	QPSK	135	138		21.00		22.5		1.0
100	QPSK	270	0		20.99				
100	16QAM	1	1		20.61		22.5		1.0
100	64QAM	1	1		19.06		21.0		2.5
100	256QAM	1	1		17.54		19.0		4.5
Channel				633000	633332	633666	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	21.92	21.64	21.60	23.5		0.0
Channel				632668	633332	634000	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	21.89	21.61	21.52	23.5		0.0
Channel				633000	633332	633666	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3490	3499.98	3510.99			
60	QPSK	1	1	21.98	21.62	21.52	23.5		0.0
Channel				631668	633332	635000	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	21.91	21.58	21.51	23.5		0.0
Channel				631334	633332	635332	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	21.91	21.61	21.51	23.5		0.0
Channel				631000	633332	635666	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	21.89	21.69	21.54	23.5		0.0
Channel				630668	633332	636000	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	21.96	21.62	21.60	23.5		0.0

Part27O_n77_Ant 8										
BW [MHz]	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	21.81	21.96	21.87	23.5	0.0		
100	PI/2 BPSK	1	137	21.89	21.95	21.82				
100	PI/2 BPSK	1	271	21.77	21.83	21.67				
100	PI/2 BPSK	135	0	21.29	21.45	21.29				23.0
100	PI/2 BPSK	135	69	21.96	22.02	21.93	23.5	0.0		
100	PI/2 BPSK	135	138	21.31	21.38	21.31	23.0	0.5		
100	PI/2 BPSK	270	0	21.20	21.28	21.19				
100	QPSK	1	1	21.74	22.05	21.65				
100	QPSK	1	137	21.63	21.90	21.56	23.5	0.0		
100	QPSK	1	271	21.56	21.77	21.65				
100	QPSK	135	0	20.78	20.91	20.55				22.5
100	QPSK	135	69	21.59	21.92	21.55				23.5
100	QPSK	135	138	20.59	20.85	20.65	22.5	1.0		
100	QPSK	270	0	20.54	20.72	20.42				
100	16QAM	1	1	20.62	20.73	20.64	22.5	1.0		
100	64QAM	1	1	19.06	19.06	19.01	21.0	2.5		
100	256QAM	1	1	17.56	17.66	17.50	19.0	4.5		
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3745.02	3840	3934.98				
90	QPSK	1	1	21.96	21.64	21.57	23.5	0.0		
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3740.01	3840	3939.99				
80	QPSK	1	1	21.93	21.61	21.60	23.5	0.0		
Channel				649000	650000	650332	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3730.02	3840	3949.98				
60	QPSK	1	1	21.94	21.68	21.51	23.5	0.0		
Channel				648334	650000	650666	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3725.01	3840	3954.99				
50	QPSK	1	1	21.89	21.58	21.51	23.5	0.0		
Channel				648000	650000	650666	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3720	3840	3960				
40	QPSK	1	1	21.99	21.66	21.56	23.5	0.0		
Channel				647668	650000	650332	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3715.02	3840	3964.98				
30	QPSK	1	1	21.94	21.66	21.52	23.5	0.0		
Channel				647334	650000	650666	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3710.01	3840	3969.99				
20	QPSK	1	1	21.97	21.62	21.54	23.5	0.0		

Part27Q_n77_Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332					
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1		17.91				
100	PI/2 BPSK	1	137		17.88		19.0	0.0	
100	PI/2 BPSK	1	271		17.93				
100	PI/2 BPSK	135	0		17.93		19.0	0.0	
100	PI/2 BPSK	135	69		17.94		19.0	0.0	
100	PI/2 BPSK	135	138		17.95				
100	PI/2 BPSK	270	0		17.83		19.0	0.0	
100	QPSK	1	1		17.98				
100	QPSK	1	137		17.95		19.0	0.0	
100	QPSK	1	271		17.95				
100	QPSK	135	0		17.94		19.0	0.0	
100	QPSK	135	69		17.96		19.0	0.0	
100	QPSK	135	138		17.87				
100	QPSK	270	0		17.93		19.0	0.0	
100	16QAM	1	1		17.86		19.0	0.0	
100	64QAM	1	1		17.82		19.0	0.0	
100	256QAM	1	1		17.55		19.0	0.0	
Channel				633020	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	17.90	17.90	17.86	19.0	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	17.84	17.85	17.84	19.0	0.0	
Channel				633020	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490	3499.98	3510.99			
60	QPSK	1	1	17.90	17.89	17.95	19.0	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	17.85	17.89	17.86	19.0	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	17.91	17.94	17.85	19.0	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	17.83	17.93	17.82	19.0	0.0	
Channel				630666	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	17.84	17.83	17.86	19.0	0.0	

Part27O_n77_Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3790	3840	3930			
100	PI/2 BPSK	1	1	17.56	17.72	17.82			
100	PI/2 BPSK	1	137	17.56	17.73	17.59	19.0	0.0	
100	PI/2 BPSK	1	271	17.64	17.65	17.67			
100	PI/2 BPSK	135	0	17.57	17.70	17.59	19.0	0.0	
100	PI/2 BPSK	135	69	17.60	17.73	17.64	19.0	0.0	
100	PI/2 BPSK	135	138	17.66	17.65	17.65			
100	PI/2 BPSK	270	0	17.63	17.64	17.57	19.0	0.0	
100	QPSK	1	1	17.73	17.90	17.70			
100	QPSK	1	137	17.63	17.62	17.62	19.0	0.0	
100	QPSK	1	271	17.60	17.68	17.56			
100	QPSK	135	0	17.61	17.68	17.60	19.0	0.0	
100	QPSK	135	69	17.71	17.70	17.69	19.0	0.0	
100	QPSK	135	138	17.64	17.74	17.58			
100	QPSK	270	0	17.70	17.72	17.65	19.0	0.0	
100	16QAM	1	1	17.63	17.73	17.67	19.0	0.0	
100	64QAM	1	1	17.63	17.75	17.57	19.0	0.0	
100	256QAM	1	1	17.49	17.47	17.44	19.0	0.0	
Channel				649666	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1	17.67	17.70	17.61	19.0	0.0	
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1	17.61	17.57	17.63	19.0	0.0	
Channel				648998	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1	17.62	17.60	17.58	19.0	0.0	
Channel				648334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1	17.68	17.57	17.59	19.0	0.0	
Channel				648000	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	17.71	17.58	17.59	19.0	0.0	
Channel				647668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.98			
30	QPSK	1	1	17.71	17.56	17.67	19.0	0.0	
Channel				647334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1	17.64	17.67	17.61	19.0	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				633332					
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1		19.88		21.0	0.0	
100	PI/2 BPSK	1	137		19.98				
100	PI/2 BPSK	1	271		19.98				
100	PI/2 BPSK	135	0		19.96				
100	PI/2 BPSK	135	69		19.98		21.0	0.0	0.0
100	PI/2 BPSK	135	138		19.90		21.0	0.0	0.0
100	PI/2 BPSK	270	0		19.95				
100	QPSK	1	1		20.01		21.0	0.0	0.0
100	QPSK	1	137		19.89				
100	QPSK	1	271		19.91				
100	QPSK	135	0		19.88				
100	QPSK	135	69		19.99		21.0	0.0	0.0
100	QPSK	135	138		19.85		21.0	0.0	0.0
100	QPSK	270	0		19.97				
100	16QAM	1	1		19.93		21.0	0.0	0.0
100	64QAM	1	1		18.16		20.0	1.0	1.0
100	256QAM	1	1		16.79		18.0	3.0	3.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	19.85	19.95	19.97	21.0	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	19.94	19.87	19.94	21.0	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490	3499.98	3510.99			
60	QPSK	1	1	19.96	19.84	19.98	21.0	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	19.91	19.98	19.96	21.0	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	19.91	19.98	19.97	21.0	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	19.93	19.96	19.98	21.0	0.0	
Channel				630668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	19.98	19.85	19.95	21.0	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)				3790	3840	3930			
100	PI/2 BPSK	1	1	19.57	19.61	19.44	21.0	0.0	
100	PI/2 BPSK	1	137	19.50	19.68	19.50			
100	PI/2 BPSK	1	271	19.60	19.67	19.47			
100	PI/2 BPSK	135	0	19.55	19.68	19.54			
100	PI/2 BPSK	135	69	19.49	19.59	19.58	21.0	0.0	0.0
100	PI/2 BPSK	135	138	19.51	19.68	19.57	21.0	0.0	0.0
100	PI/2 BPSK	270	0	19.47	19.65	19.54	21.0	0.0	0.0
100	QPSK	1	1	19.63	19.76	19.61	21.0	0.0	
100	QPSK	1	137	19.60	19.69	19.63			
100	QPSK	1	271	19.48	19.68	19.58			
100	QPSK	135	0	19.47	19.64	19.58			
100	QPSK	135	69	19.61	19.73	19.59	21.0	0.0	0.0
100	QPSK	135	138	19.59	19.68	19.56	21.0	0.0	0.0
100	QPSK	270	0	19.60	19.71	19.57	21.0	0.0	0.0
100	16QAM	1	1	19.58	19.64	19.57	21.0	0.0	0.0
100	64QAM	1	1	18.26	18.31	18.20	20.0	1.0	1.0
100	256QAM	1	1	16.82	16.88	16.73	18.0	3.0	3.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1	19.70	19.47	19.44	21.0	0.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1	19.72	19.59	19.44	21.0	0.0	0.0
Channel				649000	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1	19.65	19.46	19.56	21.0	0.0	0.0
Channel				648334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1	19.69	19.49	19.56	21.0	0.0	0.0
Channel				648000	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	19.61	19.54	19.51	21.0	0.0	0.0
Channel				647668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.98			
30	QPSK	1	1	19.71	19.60	19.50	21.0	0.0	0.0
Channel				647334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99 <th></th> <th colspan="2"></th>			
20	QPSK	1	1	19.69	19.48	19.50	21.0	0.0	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				633332	3499.98				
Frequency (MHz)				3499.98	24.73				
100	PI/2 BPSK	1	1		24.73				
100	PI/2 BPSK	1	137		24.70		25.7	0.0	
100	PI/2 BPSK	1	271		24.61				
100	PI/2 BPSK	135	0		24.25		25.2	0.5	
100	PI/2 BPSK	135	69		24.74		25.7	0.0	
100	PI/2 BPSK	135	138		24.13		25.2	0.5	
100	PI/2 BPSK	270	0		24.14				
100	QPSK	1	1		24.75				
100	QPSK	1	137		24.71		25.7	0.0	
100	QPSK	1	271		24.59				
100	QPSK	135	0		23.75		24.7	1.0	
100	QPSK	135	69		24.74		25.7	0.0	
100	QPSK	135	138		23.57		24.7	1.0	
100	QPSK	270	0		23.58				
100	16QAM	1	1		23.54		24.6	1.0	
100	64QAM	1	1		21.83		23.2	2.5	
100	256QAM	1	1		20.41		21.2	4.5	
Channel				633020	633332	633666			
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	24.61	24.59	24.59	25.7	0.0	
Channel				632668	633332	634000			
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	24.62	24.67	24.63	25.7	0.0	
Channel				633020	633332	634668			
Frequency (MHz)				3490	3499.98	3510.99			
60	QPSK	1	1	24.65	24.70	24.59	25.7	0.0	
Channel				631668	633332	635000			
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	24.70	24.68	24.66	25.7	0.0	
Channel				631334	633332	635332			
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	24.68	24.66	24.60	25.7	0.0	
Channel				631000	633332	635668			
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	24.65	24.61	24.67	25.7	0.0	
Channel				630668	633332	635000			
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	24.61	24.63	24.68	25.7	0.0	

Part27O_n78_Ant 6									
BW [MHz]	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	3750				
Frequency (MHz)				3750	24.67				
100	PI/2 BPSK	1	1		24.67				
100	PI/2 BPSK	1	137		24.70		25.7	0.0	
100	PI/2 BPSK	1	271		24.70				
100	PI/2 BPSK	135	0		24.15		25.2	0.5	
100	PI/2 BPSK	135	69		24.73		25.7	0.0	
100	PI/2 BPSK	135	138		24.19		25.2	0.5	
100	PI/2 BPSK	270	0		24.03				
100	QPSK	1	1		24.75				
100	QPSK	1	137		24.62		25.7	0.0	
100	QPSK	1	271		24.54				
100	QPSK	135	0		23.58		24.7	1.0	
100	QPSK	135	69		24.62		25.7	0.0	
100	QPSK	135	138		23.64		24.7	1.0	
100	QPSK	270	0		23.49				
100	16QAM	1	1		23.46		24.7	1.0	
100	64QAM	1	1		21.78		23.2	2.5	
100	256QAM	1	1		20.41		21.2	4.5	
Channel				648668	650000	650332			
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1	24.62	24.68	24.66	25.7	0.0	
Channel				649334	650000	650666			
Frequency (MHz)				3740.01	3750	3759.99			
80	QPSK	1	1	24.68	24.65	24.68	25.7	0.0	
Channel				648668	650000	651332			
Frequency (MHz)				3730.02	3750	3769.98			
60	QPSK	1	1	24.61	24.68	24.67	25.7	0.0	
Channel				648334	650000	651666			
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1	24.59	24.62	24.70	25.7	0.0	
Channel				648000	650000	652000			
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	24.69	24.66	24.70	25.7	0.0	
Channel				647668	650000	652332			
Frequency (MHz)				3715.02	3750	3784.98			
30	QPSK	1	1	24.69	24.60	24.68	25.7	0.0	
Channel				647334	650000	652666			
Frequency (MHz)				3710.01	3750	3789.99			
20	QPSK	1	1	24.70	24.68	24.63	25.7	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				63332					
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1		22.59				
100	PI/2 BPSK	1	137		22.70		24.5	0.0	
100	PI/2 BPSK	1	271		22.70				
100	PI/2 BPSK	135	0		22.15		24.0	0.5	
100	PI/2 BPSK	135	69		22.97		24.5	0.0	
100	PI/2 BPSK	135	138		22.38				
100	PI/2 BPSK	270	0		22.12		24.0	0.5	
100	QPSK	1	1		22.98				
100	QPSK	1	137		22.85		24.5	0.0	
100	QPSK	1	271		22.71				
100	QPSK	135	0		21.89		23.5	1.0	
100	QPSK	135	69		22.95		24.5	0.0	
100	QPSK	135	138		21.78		23.5	1.0	
100	QPSK	270	0		21.74				
100	16QAM	1	1		21.57		23.5	1.0	
100	64QAM	1	1		20.01		22.0	2.5	
100	256QAM	1	1		18.39		20.0	4.5	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	22.74	22.70	22.76	24.5	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	22.70	22.73	22.72	24.5	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490	3499.98	3510.99			
60	QPSK	1	1	22.77	22.73	22.80	24.5	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	22.79	22.73	22.77	24.5	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	22.73	22.81	22.71	24.5	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	22.71	22.72	22.72	24.5	0.0	
Channel				630666	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	22.72	22.75	22.70	24.5	0.0	

Part27O_n78_Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		22.65				
100	PI/2 BPSK	1	137		22.81		24.5	0.0	
100	PI/2 BPSK	1	271		22.84				
100	PI/2 BPSK	135	0		22.21		24.0	0.5	
100	PI/2 BPSK	135	69		23.03		24.5	0.0	
100	PI/2 BPSK	135	138		22.45				
100	PI/2 BPSK	270	0		22.25		24.0	0.5	
100	QPSK	1	1		23.04				
100	QPSK	1	137		22.81		24.5	0.0	
100	QPSK	1	271		22.79				
100	QPSK	135	0		21.79		23.5	1.0	
100	QPSK	135	69		22.98		24.5	0.0	
100	QPSK	135	138		21.89		23.5	1.0	
100	QPSK	270	0		21.74				
100	16QAM	1	1		21.52		23.5	1.0	
100	64QAM	1	1		20.03		22.0	2.5	
100	256QAM	1	1		18.45		20.0	4.5	
Channel				648668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1	22.81	22.78	22.74	24.5	0.0	
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99			
80	QPSK	1	1	22.80	22.76	22.77	24.5	0.0	
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98			
60	QPSK	1	1	22.82	22.79	22.75	24.5	0.0	
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1	22.74	22.81	22.75	24.5	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	22.75	22.74	22.81	24.5	0.0	
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98			
30	QPSK	1	1	22.74	22.77	22.80	24.5	0.0	
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99			
20	QPSK	1	1	22.76	22.77	22.83	24.5	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				633332							
Frequency (MHz)				3499.98							
100	PI/2 BPSK	1	1		16.25		17.5	0.0			
100	PI/2 BPSK	1	137		16.30						
100	PI/2 BPSK	1	271		16.24						
100	PI/2 BPSK	135	0		16.27						
100	PI/2 BPSK	135	69		16.23		17.5	0.0			
100	PI/2 BPSK	135	138		16.31						
100	PI/2 BPSK	270	0		16.30						
100	QPSK	1	1		16.38						
100	QPSK	1	137		16.22		17.5	0.0			
100	QPSK	1	271		16.21						
100	QPSK	135	0		16.24						
100	QPSK	135	69		16.36						
100	QPSK	135	138		16.26		17.5	0.0			
100	QPSK	270	0		16.33						
100	16QAM	1	1		16.24			17.5			
100	64QAM	1	1		16.33						
100	256QAM	1	1		16.34						
Channel				633000	633332	633666	Tune-up limit (dBm)				
Frequency (MHz)				3495	3499.98	3504.99	MPR (dB)				
90	QPSK	1	1	16.21	16.22	16.28	17.5	0.0			
Channel				632668	633332	634000	Tune-up limit (dBm)				
Frequency (MHz)				3490.02	3499.98	3510	MPR (dB)				
80	QPSK	1	1	16.34	16.31	16.21	17.5	0.0			
Channel				633000	633332	633666	Tune-up limit (dBm)				
Frequency (MHz)				3480	3499.98	3519.99	MPR (dB)				
60	QPSK	1	1	16.25	16.30	16.22	17.5	0.0			
Channel				631668	633332	635000	Tune-up limit (dBm)				
Frequency (MHz)				3475.02	3499.98	3525	MPR (dB)				
50	QPSK	1	1	16.33	16.29	16.35	17.5	0.0			
Channel				631334	633332	635332	Tune-up limit (dBm)				
Frequency (MHz)				3470.01	3499.98	3529.98	MPR (dB)				
40	QPSK	1	1	16.24	16.26	16.23	17.5	0.0			
Channel				631000	633332	635666	Tune-up limit (dBm)				
Frequency (MHz)				3465	3499.98	3534.99	MPR (dB)				
30	QPSK	1	1	16.26	16.33	16.25	17.5	0.0			
Channel				630668	633332	635000	Tune-up limit (dBm)				
Frequency (MHz)				3460.02	3499.98	3540	MPR (dB)				
20	QPSK	1	1	16.27	16.26	16.35	17.5	0.0			

Part27O_n78_Ant 7											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				650000			17.5	0.0			
Frequency (MHz)				3750							
100	PI/2 BPSK	1	1		16.18		17.5	0.0			
100	PI/2 BPSK	1	137		16.10						
100	PI/2 BPSK	1	271		16.10						
100	PI/2 BPSK	135	0		16.16						
100	PI/2 BPSK	135	69		16.10		17.5	0.0			
100	PI/2 BPSK	135	138		16.20						
100	PI/2 BPSK	270	0		16.08						
100	QPSK	1	1		16.25						
100	QPSK	1	137		16.18		17.5	0.0			
100	QPSK	1	271		16.21						
100	QPSK	135	0		16.22						
100	QPSK	135	69		16.23						
100	QPSK	135	138		16.19		17.5	0.0			
100	QPSK	270	0		16.21						
100	16QAM	1	1		16.15			17.5			
100	64QAM	1	1		16.12						
100	256QAM	1	1		16.09						
Channel				648668	650000	650332	Tune-up limit (dBm)				
Frequency (MHz)				3745.02	3750	3754.98	MPR (dB)				
90	QPSK	1	1	16.21	16.21	16.13	17.5	0.0			
Channel				649334	650000	650666	Tune-up limit (dBm)				
Frequency (MHz)				3740.01	3750	3759.99	MPR (dB)				
80	QPSK	1	1	16.11	16.17	16.12	17.5	0.0			
Channel				648668	650000	651332	Tune-up limit (dBm)				
Frequency (MHz)				3730.02	3750	3769.98	MPR (dB)				
60	QPSK	1	1	16.13	16.13	16.18	17.5	0.0			
Channel				648334	650000	651666	Tune-up limit (dBm)				
Frequency (MHz)				3725.01	3750	3774.99	MPR (dB)				
50	QPSK	1	1	16.13	16.19	16.14	17.5	0.0			
Channel				648000	650000	652000	Tune-up limit (dBm)				
Frequency (MHz)				3720	3750	3780	MPR (dB)				
40	QPSK	1	1	16.10	16.18	16.21	17.5	0.0			
Channel				647668	650000	652332	Tune-up limit (dBm)				
Frequency (MHz)				3715.02	3750	3784.98	MPR (dB)				
30	QPSK	1	1	16.22	16.19	16.12	17.5	0.0			
Channel				647334	650000	652666	Tune-up limit (dBm)				
Frequency (MHz)				3710.01	3750	3789.99	MPR (dB)				
20	QPSK	1	1	16.21	16.20	16.21	17.5	0.0			

Part27Q_n78_Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332		3499.98			
Frequency (MHz)				18.42					
100	PI/2 BPSK	1	1		18.42		19.5	0.0	
100	PI/2 BPSK	1	137		18.32				
100	PI/2 BPSK	1	271		18.31				
100	PI/2 BPSK	135	0		18.42				
100	PI/2 BPSK	135	69		18.32		19.5	0.0	
100	PI/2 BPSK	135	138		18.42		19.5	0.0	
100	PI/2 BPSK	270	0		18.41				
100	QPSK	1	1		18.48				
100	QPSK	1	137		18.39			0.0	
100	QPSK	1	271		18.38				
100	QPSK	135	0		18.37				
100	QPSK	135	69		18.40		19.5	0.0	
100	QPSK	135	138		18.32		19.5	0.0	
100	QPSK	270	0		18.43				
100	16QAM	1	1		18.35			0.0	
100	64QAM	1	1		18.35			0.0	
100	256QAM	1	1		18.32		19.5	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	18.35	18.33	18.40	19.5	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	18.36	18.39	18.39	19.5	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490	3499.98	3510.99			
60	QPSK	1	1	18.33	18.35	18.43	19.5	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	18.38	18.42	18.34	19.5	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	18.40	18.43	18.37	19.5	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	18.43	18.31	18.36	19.5	0.0	
Channel				630668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	18.44	18.44	18.35	19.5	0.0	

Part27O_n78_Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000		3750			
Frequency (MHz)				18.45					
100	PI/2 BPSK	1	1		18.45		19.5	0.0	
100	PI/2 BPSK	1	137		18.44				
100	PI/2 BPSK	1	271		18.55				
100	PI/2 BPSK	135	0		18.51				
100	PI/2 BPSK	135	69		18.55		19.5	0.0	
100	PI/2 BPSK	135	138		18.44		19.5	0.0	
100	PI/2 BPSK	270	0		18.48				
100	QPSK	1	1		18.58				
100	QPSK	1	137		18.51			0.0	
100	QPSK	1	271		18.51				
100	QPSK	135	0		18.51				
100	QPSK	135	69		18.56		19.5	0.0	
100	QPSK	135	138		18.44		19.5	0.0	
100	QPSK	270	0		18.53				
100	16QAM	1	1		18.53			0.0	
100	64QAM	1	1		18.54			0.0	
100	256QAM	1	1		18.54		19.5	0.0	
Channel				648668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1	18.41	18.46	18.42	19.5	0.0	
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99			
80	QPSK	1	1	18.55	18.45	18.54	19.5	0.0	
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98			
60	QPSK	1	1	18.44	18.43	18.48	19.5	0.0	
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1	18.51	18.48	18.41	19.5	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	18.45	18.44	18.53	19.5	0.0	
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98			
30	QPSK	1	1	18.44	18.54	18.41	19.5	0.0	
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99			
20	QPSK	1	1	18.42	18.45	18.52	19.5	0.0	

Reduced Power Mode for ECI3

n41_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504204	518998	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	PI/2 BPSK	1	1	18.57	18.54	18.52	19.7	0.0	
50	PI/2 BPSK	1	67	18.64	18.56	18.62			
50	PI/2 BPSK	1	131	18.57	18.58	18.48			
50	PI/2 BPSK	64	0	18.52	18.52	18.56	19.7	0.0	
50	PI/2 BPSK	64	35	18.60	18.54	18.55	19.7	0.0	
50	PI/2 BPSK	64	69	18.59	18.64	18.53	19.7	0.0	
50	PI/2 BPSK	128	0	18.52	18.63	18.48			
50	QPSK	1	1	18.60	18.58	18.62			
50	QPSK	1	67	18.54	18.66	18.51	19.7	0.0	
50	QPSK	1	131	18.62	18.59	18.58			
50	QPSK	64	0	18.52	18.56	18.51	19.7	0.0	
50	QPSK	64	35	18.65	18.67	18.63	19.7	0.0	
50	QPSK	64	69	18.63	18.65	18.54	19.7	0.0	
50	QPSK	128	0	18.63	18.65	18.61	19.7	0.0	
50	16QAM	1	1	18.56	18.59	18.48	19.7	0.0	
50	64QAM	1	1	18.61	18.61	18.62	19.7	0.0	
50	256QAM	1	1	18.50	18.59	18.54	19.7	0.0	
Channel				502200	518998	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	18.60	18.60	18.50	19.7	0.0	
Channel				501204	518998	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	18.51	18.61	18.59	19.7	0.0	

n41_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504204	518998	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	PI/2 BPSK	1	1	21.41	21.49	21.40	23.0	0.0	
50	PI/2 BPSK	1	67	21.44	21.50	21.37			
50	PI/2 BPSK	1	131	21.35	21.40	21.42			
50	PI/2 BPSK	64	0	21.45	21.46	21.46	23.0	0.0	
50	PI/2 BPSK	64	35	21.35	21.50	21.47	23.0	0.0	
50	PI/2 BPSK	64	69	21.37	21.44	21.46	23.0	0.0	
50	PI/2 BPSK	128	0	21.37	21.44	21.39			
50	QPSK	1	1	21.53	21.56	21.51			
50	QPSK	1	67	21.42	21.41	21.46	23.0	0.0	
50	QPSK	1	131	21.35	21.44	21.41			
50	QPSK	64	0	21.38	21.39	21.44	23.0	0.0	
50	QPSK	64	35	21.50	21.53	21.49	23.0	0.0	
50	QPSK	64	69	21.44	21.47	21.39	23.0	0.0	
50	QPSK	128	0	21.48	21.51	21.47	23.0	0.0	
50	16QAM	1	1	21.37	21.43	21.39	23.0	0.0	
50	64QAM	1	1	20.66	20.81	20.71	22.5	0.5	
50	256QAM	1	1	19.12	19.23	19.16	20.5	2.5	
Channel				502200	518998	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	21.38	21.43	21.44	23.0	0.0	
Channel				501204	518998	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	21.36	21.50	21.38	23.0	0.0	

n41_Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	PI/2 BPSK	1	1	21.50	21.66	21.56	22.7		0.0
50	PI/2 BPSK	1	67	21.52	21.61	21.49			
50	PI/2 BPSK	1	131	21.56	21.67	21.57			
50	PI/2 BPSK	64	0	21.53	21.61	21.60			
50	PI/2 BPSK	64	35	21.50	21.69	21.56	22.7		0.0
50	PI/2 BPSK	64	69	21.57	21.62	21.53	22.7		0.0
50	PI/2 BPSK	128	0	21.59	21.67	21.59			
50	QPSK	1	1	21.66	22.00	21.65			
50	QPSK	1	67	21.56	21.61	21.55			
50	QPSK	1	131	21.58	21.58	21.55	22.7		0.0
50	QPSK	64	0	21.57	21.61	21.57			
50	QPSK	64	35	21.65	21.99	21.63			
50	QPSK	64	69	21.54	21.63	21.50			
50	QPSK	128	0	21.63	21.98	21.61	22.7		0.0
50	16QAM	1	1	21.63	21.64	21.53	22.7		0.0
50	64QAM	1	1	21.53	21.66	21.54	22.7		0.0
50	256QAM	1	1	20.17	20.29	20.23	21.2		1.5
Channel				502200	518598	534996	Tune-up limit	MPR	
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)	
30	QPSK	1	1	21.57	21.72	21.61	22.7		0.0
Channel				501204	518598	535998	Tune-up limit	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)	
20	QPSK	1	1	21.64	21.64	21.56	22.7		0.0

n41_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	PI/2 BPSK	1	1	19.04	18.98	18.99	20.5	0.0	
50	PI/2 BPSK	1	67	19.08	18.99	18.95			
50	PI/2 BPSK	1	131	18.98	19.11	18.99			
50	PI/2 BPSK	64	0	19.03	19.04	18.99			
50	PI/2 BPSK	64	35	19.03	19.01	18.95	20.5	0.0	
50	PI/2 BPSK	64	69	19.00	19.05	19.07	20.5	0.0	
50	PI/2 BPSK	128	0	19.09	19.06	19.00			
50	QPSK	1	1	19.13	19.15	19.10			
50	QPSK	1	67	19.05	19.04	18.93			
50	QPSK	1	131	18.96	19.11	18.99	20.5	0.0	
50	QPSK	64	0	18.98	19.05	18.98			
50	QPSK	64	35	19.11	19.13	19.08			
50	QPSK	64	69	19.04	19.01	18.97			
50	QPSK	128	0	19.07	19.11	19.05	20.5	0.0	
50	16QAM	1	1	19.04	19.03	18.95	20.5	0.0	
50	64QAM	1	1	19.06	19.08	19.07	20.5	0.0	
50	256QAM	1	1	18.97	18.99	19.00	20.5	0.0	
Channel				502200	518598	534996	Tune-up limit	MPR	
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)	
30	QPSK	1	1	18.97	19.03	19.02	20.5	0.0	
Channel				501204	518598	535998	Tune-up limit	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)	
20	QPSK	1	1	19.07	19.04	18.98	20.5	0.0	

Part27Q_n77_Ant 6												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				633332			20.7	0.0				
Frequency (MHz)				3499.98								
100	PI/2 BPSK	1	1	19.74								
100	PI/2 BPSK	1	137	19.63								
100	PI/2 BPSK	1	271	19.72			20.7	0.0				
100	PI/2 BPSK	135	0	19.68								
100	PI/2 BPSK	135	69	19.61								
100	PI/2 BPSK	135	138	19.69								
100	PI/2 BPSK	270	0	19.70			20.7	0.0				
100	QPSK	1	1	19.78								
100	QPSK	1	137	19.75								
100	QPSK	1	271	19.61								
100	QPSK	135	0	19.69			20.7	0.0				
100	QPSK	135	69	19.76								
100	QPSK	135	138	19.67								
100	QPSK	270	0	19.75								
100	16QAM	1	1	19.67			20.7	0.0				
100	64QAM	1	1	19.72								
100	256QAM	1	1	19.74								
Channel				633000	633332	633666	20.7	MPR (dBm)				
Frequency (MHz)				3495	3499.98	3504.99						
90	QPSK	1	1	19.64	19.70	19.62				20.7	MPR	
Channel				632666	633332	634000						
Frequency (MHz)				3490.02	3499.98	3510						
80	QPSK	1	1	19.65	19.67	19.72	20.7	0.0				
Channel				632000	633332	634666						
Frequency (MHz)				3480	3499.98	3519.99						
60	QPSK	1	1	19.67	19.68	19.70				20.7	0.0	
Channel				631666	633332	635000						
Frequency (MHz)				3475.02	3499.98	3525						
50	QPSK	1	1	19.75	19.71	19.71	20.7	0.0				
Channel				631334	633332	635332						
Frequency (MHz)				3470.01	3499.98	3529.98						
40	QPSK	1	1	19.62	19.72	19.67				20.7	MPR	
Channel				631000	633332	635666						
Frequency (MHz)				3465	3499.98	3534.99						
30	QPSK	1	1	19.69	19.72	19.70	20.7	0.0				
Channel				630668	633332	636000						
Frequency (MHz)				3460.02	3499.98	3540						
20	QPSK	1	1	19.66	19.65	19.73				20.7	0.0	

Part27O_n77_Ant 6									
BW [MHz]	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			20.7	0.0	
Frequency (MHz)				3750 3840 3930					
100	PI/2 BPSK	1	1	19.55	19.73	19.64			
100	PI/2 BPSK	1	137	19.63	19.62	19.54			
100	PI/2 BPSK	1	271	19.65	19.73	19.65	20.7	0.0	
100	PI/2 BPSK	135	0	19.65	19.75	19.59			
100	PI/2 BPSK	135	69	19.63	19.69	19.54			
100	PI/2 BPSK	135	138	19.64	19.67	19.53			
100	PI/2 BPSK	270	0	19.62	19.76	19.61	20.7	0.0	
100	QPSK	1	1	19.66	19.77	19.67			
100	QPSK	1	137	19.59	19.72	19.66			
100	QPSK	1	271	19.57	19.73	19.56			
100	QPSK	135	0	19.63	19.65	19.60	20.7	0.0	
100	QPSK	135	69	19.66	19.76	19.65			
100	QPSK	135	138	19.53	19.63	19.55			
100	QPSK	270	0	19.65	19.73	19.63			
100	16QAM	1	1	19.62	19.74	19.57	20.7	0.0	
100	16QAM	1	1	19.57	19.63	19.65			
100	256QAM	1	1	19.63	19.65	19.56			
Channel				649668	650000	652332	20.7	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1	19.74	19.54	19.54			
Channel				649334	650000	652666			
Frequency (MHz)				3740.01	3840	3939.99	20.7	MPR (dB)	
80	QPSK	1	1	19.71	19.63	19.57			
Channel				648668	650000	653332			
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1	19.62	19.58	19.61	20.7	0.0	
Channel				648334	650000	653666			
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1	19.64	19.57	19.66			
Channel				648000	650000	654000	20.7	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	19.63	19.60	19.56			
Channel				647668	650000	654332			
Frequency (MHz)				3715.02	3840	3964.98	20.7	MPR (dB)	
30	QPSK	1	1	19.65	19.63	19.65			
Channel				647334	650000	654666			
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1	19.66	19.57	19.58	20.7	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				633332	3499.98				
Frequency (MHz)				20.17					
100	PI/2 BPSK	1	1	20.17			21.5	0.0	
100	PI/2 BPSK	1	137	20.08					
100	PI/2 BPSK	1	271	20.16					
100	PI/2 BPSK	135	0	20.15			21.5	0.0	
100	PI/2 BPSK	135	69	20.12			21.5	0.0	
100	PI/2 BPSK	135	138	20.05			21.5	0.0	
100	PI/2 BPSK	270	0	20.09					
100	QPSK	1	1	20.20					
100	QPSK	1	137	20.13			21.5	0.0	
100	QPSK	1	271	20.04					
100	QPSK	135	0	20.14					
100	QPSK	135	69	20.18			21.5	0.0	
100	QPSK	135	138	20.05			21.5	0.0	
100	QPSK	270	0	20.15					
100	16QAM	1	1	20.05			21.5	0.0	
100	64QAM	1	1	19.08			21.0	0.5	
100	256QAM	1	1	17.54			19.0	2.5	
Channel				633000	633332	633666	Tune-up limit	MPR	
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)	
90	QPSK	1	1	20.07	20.03	20.08	21.5	0.0	
Channel				632666	633332	634000	Tune-up limit	MPR	
Frequency (MHz)				3480.02	3499.98	3510	(dBm)	(dB)	
80	QPSK	1	1	20.03	20.10	20.17	21.5	0.0	
Channel				632000	633332	634666	Tune-up limit	MPR	
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)	
60	QPSK	1	1	20.13	20.16	20.17	21.5	0.0	
Channel				631666	633332	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)	
50	QPSK	1	1	20.07	20.08	20.13	21.5	0.0	
Channel				631334	633332	635332	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)	
40	QPSK	1	1	20.17	20.11	20.12	21.5	0.0	
Channel				631000	633332	635666	Tune-up limit	MPR	
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)	
30	QPSK	1	1	20.13	20.18	20.08	21.5	0.0	
Channel				630666	633332	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)	
20	QPSK	1	1	20.15	20.04	20.16	21.5	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			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.67	19.87	19.57	21.5	0.0	
100	PI/2 BPSK	1	137	19.72	19.78	19.87			
100	PI/2 BPSK	1	271	19.70	19.90	19.63			
100	PI/2 BPSK	135	0	19.63	19.86	19.55	21.5	0.0	
100	PI/2 BPSK	135	69	19.58	19.91	19.58	21.5	0.0	
100	PI/2 BPSK	135	138	19.60	19.81	19.58			
100	PI/2 BPSK	270	0	19.68	19.91	19.61			
100	QPSK	1	1	19.75	19.03	19.71	21.5	0.0	
100	QPSK	1	137	19.71	19.77	19.56			
100	QPSK	1	271	19.67	19.85	19.54			
100	QPSK	135	0	19.70	19.89	19.64	21.5	0.0	
100	QPSK	135	69	19.73	19.92	19.67	21.5	0.0	
100	QPSK	135	138	19.67	19.87	19.60	21.5	0.0	
100	QPSK	270	0	19.55	19.72	19.42			
100	16QAM	1	1	19.58	19.84	19.56	21.5	0.0	
100	64QAM	1	1	19.06	19.06	19.01	21.0	0.5	
100	256QAM	1	1	17.56	17.66	17.50	19.0	2.5	
Channel				649666	650000	650332	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)	
90	QPSK	1	1	19.90	19.58	19.60	21.5	0.0	
Channel				649334	650000	650666	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)	
80	QPSK	1	1	19.80	19.62	19.53	21.5	0.0	
Channel				648666	650000	650332	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)	
60	QPSK	1	1	19.86	19.71	19.62	21.5	0.0	
Channel				648334	650000	650666	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)	
50	QPSK	1	1	19.83	19.68	19.56	21.5	0.0	
Channel				648000	650000	6504000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	19.80	19.63	19.54	21.5	0.0	
Channel				647666	650000	650332	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)	
30	QPSK	1	1	19.84	19.71	19.58	21.5	0.0	
Channel				647334	650000	650666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)	
20	QPSK	1	1	19.80	19.66	19.53	21.5	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				633332	3499.98				
Frequency (MHz)				17.91	17.86		19.0	0.0	
100	PI/2 BPSK	1	1	17.91	17.86				
100	PI/2 BPSK	1	137	17.95	17.93				
100	PI/2 BPSK	1	271	17.93	17.94				
100	PI/2 BPSK	135	0	17.93	17.83		19.0	0.0	
100	PI/2 BPSK	135	69	17.94	17.93		19.0	0.0	
100	PI/2 BPSK	135	138	17.93	17.83		19.0	0.0	
100	PI/2 BPSK	270	0	17.83	17.95				
100	QPSK	1	1	17.98	17.95		19.0	0.0	
100	QPSK	1	137	17.95	17.95				
100	QPSK	1	271	17.95	17.94				
100	QPSK	135	0	17.94	17.96		19.0	0.0	
100	QPSK	135	69	17.96	17.87		19.0	0.0	
100	QPSK	135	138	17.87	17.93		19.0	0.0	
100	QPSK	270	0	17.93	17.86				
100	16QAM	1	1	17.86	17.82		19.0	0.0	
100	16QAM	1	1	17.82	17.55		19.0	0.0	
100	256QAM	1	1	17.55	633000	633666	Tune-up limit (dBm)	MPR (dB)	
Channel				3495	3499.98	3504.99			
Frequency (MHz)				17.90	17.90	17.88	19.0	0.0	
90	QPSK	1	1	17.90	17.90	17.88			
Channel				632666	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	17.84	17.88	17.84	19.0	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	17.90	17.89	17.95	19.0	0.0	
Channel				631666	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	17.85	17.89	17.86	19.0	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	17.91	17.94	17.85	19.0	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	17.83	17.93	17.82	19.0	0.0	
Channel				630668	633332	638000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	17.84	17.83	17.86	19.0	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	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	17.56	17.72	17.62			
100	PI/2 BPSK	1	137	17.56	17.73	17.69			
100	PI/2 BPSK	1	271	17.64	17.65	17.67	19.0	0.0	
100	PI/2 BPSK	135	0	17.57	17.70	17.59	19.0	0.0	
100	PI/2 BPSK	135	69	17.60	17.73	17.54	19.0	0.0	
100	PI/2 BPSK	135	138	17.66	17.65	17.65	19.0	0.0	
100	PI/2 BPSK	270	0	17.63	17.64	17.57			
100	QPSK	1	1	17.73	17.93	17.70			
100	QPSK	1	137	17.63	17.62	17.62	19.0	0.0	
100	QPSK	1	271	17.60	17.68	17.56			
100	QPSK	135	0	17.61	17.66	17.60	19.0	0.0	
100	QPSK	135	69	17.71	17.76	17.69	19.0	0.0	
100	QPSK	135	138	17.64	17.74	17.58	19.0	0.0	
100	QPSK	270	0	17.70	17.72	17.65			
100	16QAM	1	1	17.63	17.73	17.67	19.0	0.0	
100	16QAM	1	1	17.63	17.75	17.57	19.0	0.0	
100	256QAM	1	1	17.49	17.47	17.44	19.0	0.0	
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1	17.67	17.70	17.61	19.0	0.0	
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1	17.61	17.57	17.63	19.0	0.0	
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1	17.62	17.60	17.58	19.0	0.0	
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.98			
50	QPSK	1	1	17.68	17.57	17.59	19.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	17.71	17.58	17.59	19.0	0.0	
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.98			
30	QPSK	1	1	17.71	17.56	17.67	19.0	0.0	
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1	17.64	17.67	17.61	19.0	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				633332			17.5	0.0	
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1	16.49					
100	PI/2 BPSK	1	137	16.42					
100	PI/2 BPSK	1	271	16.41			17.5	0.0	
100	PI/2 BPSK	135	0	16.38					
100	PI/2 BPSK	135	69	16.38					
100	PI/2 BPSK	135	138	16.38					
100	PI/2 BPSK	270	0	16.37			17.5	0.0	
100	QPSK	1	1	16.52					
100	QPSK	1	137	16.42					
100	QPSK	1	271	16.37					
100	QPSK	135	0	16.38			17.5	0.0	
100	QPSK	135	69	16.50					
100	QPSK	135	138	16.45					
100	QPSK	270	0	16.49					
100	16QAM	1	1	16.48			17.5	0.0	
100	16QAM	1	1	16.45					
100	64QAM	1	1	16.45					
100	256QAM	1	1	16.37					
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	16.47	16.43	16.39	17.5	0.0	
Channel				632666	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480.02	3499.98	3510			
80	QPSK	1	1	16.48	16.37	16.42	17.5	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	16.37	16.41	16.40	17.5	0.0	
Channel				631666	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	16.39	16.37	16.36	17.5	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	16.47	16.35	16.44	17.5	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	16.42	16.41	16.49	17.5	0.0	
Channel				630668	633332	638000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	16.44	16.44	16.46	17.5	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			17.5	0.0				
Frequency (MHz)				3750 3840 3930								
100	PI/2 BPSK	1	1	16.10	16.14	15.96				17.5	0.0	
100	PI/2 BPSK	1	137	16.00	16.13	16.06						
100	PI/2 BPSK	1	271	16.06	16.16	15.97						
100	PI/2 BPSK	135	0	16.09	16.18	16.01						
100	PI/2 BPSK	135	69	16.01	16.14	15.97	17.5	0.0				
100	PI/2 BPSK	135	138	16.08	16.16	16.07	17.5	0.0				
100	PI/2 BPSK	270	0	15.97	16.13	16.07						
100	QPSK	1	1	16.13	16.26	16.11						
100	QPSK	1	137	16.07	16.22	16.05						
100	QPSK	1	271	16.05	16.21	16.07	17.5	0.0				
100	QPSK	135	0	15.96	16.13	16.05						
100	QPSK	135	69	16.11	16.25	16.10						
100	QPSK	135	138	15.98	16.24	15.99						
100	QPSK	270	0	16.10	16.23	16.08	17.5	0.0				
100	16QAM	1	1	16.03	16.18	16.00	17.5	0.0				
100	64QAM	1	1	16.07	16.20	16.04	17.5	0.0				
100	256QAM	1	1	16.02	16.11	16.02	17.5	0.0				
Channel				649668	650000	650332	Tune-up limit	MPR				
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)				
90	QPSK	1	1	16.14	15.99	15.99	17.5	0.0				
Channel				649334	650000	650666	Tune-up limit	MPR				
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)				
80	QPSK	1	1	16.19	16.03	16.05	17.5	0.0				
Channel				648668	650000	653332	Tune-up limit	MPR				
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)				
60	QPSK	1	1	16.13	16.05	16.09	17.5	0.0				
Channel				648334	650000	653666	Tune-up limit	MPR				
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)				
50	QPSK	1	1	16.20	15.97	16.01	17.5	0.0				
Channel				648000	650000	654000	Tune-up limit	MPR				
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)				
40	QPSK	1	1	16.19	16.04	16.01	17.5	0.0				
Channel				647668	650000	654332	Tune-up limit	MPR				
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)				
30	QPSK	1	1	16.23	16.10	16.09	17.5	0.0				
Channel				647334	650000	654666	Tune-up limit	MPR				
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)				
20	QPSK	1	1	16.21	15.97	15.95	17.5	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				633000	633332	633666	Tune-up limit	MPR	
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)	
100	PI/2 BPSK	1	1	19.67			20.7	0.0	
100	PI/2 BPSK	1	137	19.74					
100	PI/2 BPSK	1	271	19.65					
100	PI/2 BPSK	135	0	19.74			20.7	0.0	
100	PI/2 BPSK	135	69	19.65			20.7	0.0	
100	PI/2 BPSK	135	138	19.61			20.7	0.0	
100	PI/2 BPSK	270	0	19.65					
100	QPSK	1	1	19.78					
100	QPSK	1	137	19.75			20.7	0.0	
100	QPSK	1	271	19.73					
100	QPSK	135	0	19.68			20.7	0.0	
100	QPSK	135	69	19.76			20.7	0.0	
100	QPSK	135	138	19.63			20.7	0.0	
100	QPSK	270	0	19.73					
100	16QAM	1	1	19.64			20.7	0.0	
100	16QAM	1	1	19.74			20.7	0.0	
100	256QAM	1	1	19.62			20.7	0.0	
Channel				633000	633332	633666	Tune-up limit	MPR	
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)	
90	QPSK	1	1	19.69	19.69	19.67	20.7	0.0	
Channel				632666	633332	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)	
80	QPSK	1	1	19.75	19.71	19.75	20.7	0.0	
Channel				632000	633332	634666	Tune-up limit	MPR	
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)	
60	QPSK	1	1	19.66	19.72	19.68	20.7	0.0	
Channel				631666	633332	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)	
50	QPSK	1	1	19.67	19.74	19.72	20.7	0.0	
Channel				631334	633332	635332	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)	
40	QPSK	1	1	19.61	19.67	19.64	20.7	0.0	
Channel				631000	633332	635666	Tune-up limit	MPR	
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)	
30	QPSK	1	1	19.61	19.65	19.74	20.7	0.0	
Channel				630666	633332	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)	
20	QPSK	1	1	19.64	19.66	19.63	20.7	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	Tune-up limit	MPR	
Frequency (MHz)				3750			(dBm)	(dB)	
100	PI/2 BPSK	1	1	19.72			20.7	0.0	
100	PI/2 BPSK	1	137	19.74					
100	PI/2 BPSK	1	271	19.62					
100	PI/2 BPSK	135	0	19.62			20.7	0.0	
100	PI/2 BPSK	135	69	19.62			20.7	0.0	
100	PI/2 BPSK	135	138	19.63			20.7	0.0	
100	PI/2 BPSK	270	0	19.65					
100	QPSK	1	1	19.78					
100	QPSK	1	137	19.73			20.7	0.0	
100	QPSK	1	271	19.65					
100	QPSK	135	0	19.67			20.7	0.0	
100	QPSK	135	69	19.75			20.7	0.0	
100	QPSK	135	138	19.69			20.7	0.0	
100	QPSK	270	0	19.73					
100	16QAM	1	1	19.66			20.7	0.0	
100	16QAM	1	1	19.69			20.7	0.0	
100	256QAM	1	1	19.72			20.7	0.0	
Channel				649666	650000	650332	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)	
90	QPSK	1	1	19.72	19.70	19.64	20.7	0.0	
Channel				649334	650000	650666	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)	
80	QPSK	1	1	19.69	19.68	19.63	20.7	0.0	
Channel				648966	650000	651332	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)	
60	QPSK	1	1	19.70	19.74	19.74	20.7	0.0	
Channel				648634	650000	651666	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)	
50	QPSK	1	1	19.63	19.73	19.67	20.7	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	19.72	19.69	19.73	20.7	0.0	
Channel				647666	650000	652332	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)	
30	QPSK	1	1	19.73	19.63	19.71	20.7	0.0	
Channel				647334	650000	652666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)	
20	QPSK	1	1	19.67	19.60	19.65	20.7	0.0	

Part27Q_n78_Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633000	633332	633666	Tune-up limit	MPR	
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)	
100	PI/2 BPSK	1	1	16.90			18.5	0.0	
100	PI/2 BPSK	1	137	16.95					
100	PI/2 BPSK	1	271	16.95					
100	PI/2 BPSK	135	0	16.88			18.5	0.0	
100	PI/2 BPSK	135	69	16.82			18.5	0.0	
100	PI/2 BPSK	135	138	16.88			18.5	0.0	
100	PI/2 BPSK	270	0	16.91					
100	QPSK	1	1	16.98					
100	QPSK	1	137	16.90			18.5	0.0	
100	QPSK	1	271	16.88					
100	QPSK	135	0	16.82					
100	QPSK	135	69	16.96			18.5	0.0	
100	QPSK	135	138	16.92			18.5	0.0	
100	QPSK	270	0	16.93					
100	16QAM	1	1	16.90					
100	16QAM	1	1	16.93			18.5	0.0	
100	256QAM	1	1	16.85			18.5	0.0	
Channel				633000	633332	633666	Tune-up limit	MPR	
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)	
90	QPSK	1	1	16.91	16.83	16.85	18.5	0.0	
Channel				632666	633332	634000	Tune-up limit	MPR	
Frequency (MHz)				3480.02	3499.98	3510	(dBm)	(dB)	
80	QPSK	1	1	16.93	16.82	16.91	18.5	0.0	
Channel				632000	633332	634666	Tune-up limit	MPR	
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)	
60	QPSK	1	1	16.93	16.90	16.85	18.5	0.0	
Channel				631666	633332	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)	
50	QPSK	1	1	16.88	16.95	16.90	18.5	0.0	
Channel				631334	633332	635332	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)	
40	QPSK	1	1	16.91	16.83	16.83	18.5	0.0	
Channel				631000	633332	635666	Tune-up limit	MPR	
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)	
30	QPSK	1	1	16.90	16.91	16.89	18.5	0.0	
Channel				630666	633332	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)	
20	QPSK	1	1	16.87	16.87	16.84	18.5	0.0	

Part27O_n78_Ant 8									
BW [MHz]	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	Tune-up limit	MPR	
Frequency (MHz)				3750			(dBm)	(dB)	
100	PI/2 BPSK	1	1	17.01			18.5	0.0	
100	PI/2 BPSK	1	137	16.98					
100	PI/2 BPSK	1	271	16.95					
100	PI/2 BPSK	135	0	16.99			18.5	0.0	
100	PI/2 BPSK	135	69	16.94			18.5	0.0	
100	PI/2 BPSK	135	138	16.89			18.5	0.0	
100	PI/2 BPSK	270	0	16.95					
100	QPSK	1	1	17.05					
100	QPSK	1	137	16.96			18.5	0.0	
100	QPSK	1	271	16.94					
100	QPSK	135	0	16.95					
100	QPSK	135	69	17.03			18.5	0.0	
100	QPSK	135	138	16.96			18.5	0.0	
100	QPSK	270	0	17.01					
100	16QAM	1	1	16.98					
100	16QAM	1	1	16.95			18.5	0.0	
100	256QAM	1	1	16.92			18.5	0.0	
Channel				649666	650000	650332	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)	
90	QPSK	1	1	16.88	16.96	16.93	18.5	0.0	
Channel				649334	650000	650666	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)	
80	QPSK	1	1	16.90	16.98	16.90	18.5	0.0	
Channel				648966	650000	651332	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)	
60	QPSK	1	1	16.89	16.98	16.89	18.5	0.0	
Channel				648334	650000	651666	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)	
50	QPSK	1	1	16.92	16.93	17.00	18.5	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	16.95	16.90	16.98	18.5	0.0	
Channel				647666	650000	652332	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)	
30	QPSK	1	1	16.91	16.91	16.92	18.5	0.0	
Channel				647334	650000	652666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)	
20	QPSK	1	1	17.02	16.95	16.91	18.5	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				633332			17.5	0.0				
Frequency (MHz)				3499.98								
100	PI/2 BPSK	1	1	16.25						17.5	0.0	
100	PI/2 BPSK	1	137	16.30								
100	PI/2 BPSK	1	271	16.24								
100	PI/2 BPSK	135	0	16.27								
100	PI/2 BPSK	135	69	16.23			17.5	0.0				
100	PI/2 BPSK	135	138	16.31			17.5	0.0				
100	PI/2 BPSK	270	0	16.30								
100	QPSK	1	1	16.38								
100	QPSK	1	137	16.22								
100	QPSK	1	271	16.21			17.5	0.0				
100	QPSK	135	0	16.24								
100	QPSK	135	69	16.36								
100	QPSK	135	138	16.26								
100	QPSK	270	0	16.33			17.5	0.0				
100	16QAM	1	1	16.24			17.5	0.0				
100	16QAM	1	1	16.33								
100	256QAM	1	1	16.34								
100	256QAM	1	1									
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				3495	3499.98	3504.99						
90	QPSK	1	1	16.21	16.22	16.28	17.5	0.0				
Channel				632666	633332	634000	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				3480.02	3499.98	3510						
80	QPSK	1	1	16.34	16.31	16.21	17.5	0.0				
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				3480	3499.98	3519.99						
60	QPSK	1	1	16.25	16.30	16.22	17.5	0.0				
Channel				631666	633332	635000	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				3475.02	3499.98	3525						
50	QPSK	1	1	16.33	16.29	16.35	17.5	0.0				
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				3470.01	3499.98	3529.98						
40	QPSK	1	1	16.24	16.26	16.23	17.5	0.0				
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				3465	3499.98	3534.99						
30	QPSK	1	1	16.26	16.33	16.25	17.5	0.0				
Channel				630666	633332	636000	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				3460.02	3499.98	3540						
20	QPSK	1	1	16.27	16.26	16.35	17.5	0.0				

Part27O_n78_Ant 7												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				650000			17.5	0.0				
Frequency (MHz)				3750								
100	PI/2 BPSK	1	1	16.18						17.5	0.0	
100	PI/2 BPSK	1	137	16.10								
100	PI/2 BPSK	1	271	16.10								
100	PI/2 BPSK	135	0	16.16								
100	PI/2 BPSK	135	69	16.10			17.5	0.0				
100	PI/2 BPSK	135	138	16.20			17.5	0.0				
100	PI/2 BPSK	270	0	16.08			17.5	0.0				
100	QPSK	1	1	16.25								
100	QPSK	1	137	16.18								
100	QPSK	1	271	16.21								
100	QPSK	135	0	16.22			17.5	0.0				
100	QPSK	135	69	16.23			17.5	0.0				
100	QPSK	135	138	16.19			17.5	0.0				
100	QPSK	270	0	16.21			17.5	0.0				
100	16QAM	1	1	16.15			17.5	0.0				
100	64QAM	1	1	16.12			17.5	0.0				
100	256QAM	1	1	16.09			17.5	0.0				
Channel				649666	650000	650332	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				3745.02	3750	3754.98						
90	QPSK	1	1	16.21	16.21	16.13	17.5	0.0				
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				3740.01	3750	3759.99						
80	QPSK	1	1	16.11	16.17	16.12	17.5	0.0				
Channel				648666	650000	651332	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				3730.02	3750	3769.98						
60	QPSK	1	1	16.13	16.13	16.18	17.5	0.0				
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				3725.01	3750	3774.99						
50	QPSK	1	1	16.13	16.19	16.14	17.5	0.0				
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				3720	3750	3780						
40	QPSK	1	1	16.10	16.16	16.21	17.5	0.0				
Channel				647666	650000	652332	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				3715.02	3750	3784.98						
30	QPSK	1	1	16.22	16.19	16.12	17.5	0.0				
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				3710.01	3750	3789.99						
20	QPSK	1	1	16.21	16.20	16.21	17.5	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				633000	633332	633666	Tune-up limit	MPR	
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)	
100	PI/2 BPSK	1	1	13.44			14.5	0.0	
100	PI/2 BPSK	1	137	13.33					
100	PI/2 BPSK	1	271	13.46					
100	PI/2 BPSK	135	0	13.42			14.5	0.0	
100	PI/2 BPSK	135	69	13.32			14.5	0.0	
100	PI/2 BPSK	135	138	13.44			14.5	0.0	
100	PI/2 BPSK	270	0	13.33					
100	QPSK	1	1	13.48					
100	QPSK	1	137	13.34			14.5	0.0	
100	QPSK	1	271	13.43			14.5	0.0	
100	QPSK	135	0	13.39					
100	QPSK	135	69	13.47					
100	QPSK	135	138	13.33			14.5	0.0	
100	QPSK	270	0	13.45			14.5	0.0	
100	16QAM	1	1	13.37					
100	16QAM	1	1	13.40					
100	256QAM	1	1	13.43			14.5	0.0	
Channel				633000	633332	633666	Tune-up limit	MPR	
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)	
90	QPSK	1	1	13.42	13.36	13.45	14.5	0.0	
Channel				632666	633332	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)	
80	QPSK	1	1	13.40	13.39	13.44	14.5	0.0	
Channel				632000	633332	634666	Tune-up limit	MPR	
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)	
60	QPSK	1	1	13.33	13.44	13.35	14.5	0.0	
Channel				631666	633332	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)	
50	QPSK	1	1	13.34	13.32	13.44	14.5	0.0	
Channel				631334	633332	635332	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)	
40	QPSK	1	1	13.39	13.37	13.35	14.5	0.0	
Channel				631000	633332	635666	Tune-up limit	MPR	
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)	
30	QPSK	1	1	13.42	13.33	13.43	14.5	0.0	
Channel				630666	633332	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)	
20	QPSK	1	1	13.33	13.46	13.36	14.5	0.0	

Part27O_n78_Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				649666	650000	650332	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)	
100	PI/2 BPSK	1	1	13.42			14.5	0.0	
100	PI/2 BPSK	1	137	13.43					
100	PI/2 BPSK	1	271	13.40					
100	PI/2 BPSK	135	0	13.44			14.5	0.0	
100	PI/2 BPSK	135	69	13.45			14.5	0.0	
100	PI/2 BPSK	135	138	13.45			14.5	0.0	
100	PI/2 BPSK	270	0	13.52					
100	QPSK	1	1	13.57					
100	QPSK	1	137	13.46			14.5	0.0	
100	QPSK	1	271	13.50			14.5	0.0	
100	QPSK	135	0	13.46					
100	QPSK	135	69	13.55					
100	QPSK	135	138	13.42			14.5	0.0	
100	QPSK	270	0	13.53			14.5	0.0	
100	16QAM	1	1	13.44					
100	16QAM	1	1	13.51					
100	256QAM	1	1	13.44			14.5	0.0	
Channel				649666	650000	650332	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)	
90	QPSK	1	1	13.48	13.42	13.49	14.5	0.0	
Channel				649334	650000	650666	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)	
80	QPSK	1	1	13.45	13.42	13.40	14.5	0.0	
Channel				648666	650000	651332	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)	
60	QPSK	1	1	13.51	13.46	13.44	14.5	0.0	
Channel				648334	650000	651666	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)	
50	QPSK	1	1	13.40	13.41	13.51	14.5	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	13.43	13.49	13.43	14.5	0.0	
Channel				647666	650000	652332	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)	
30	QPSK	1	1	13.45	13.50	13.54	14.5	0.0	
Channel				647334	650000	652666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)	
20	QPSK	1	1	13.40	13.49	13.53	14.5	0.0	

Reduced Power Mode for ECI5

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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				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	PV2 BPSK	1	1	18.57	18.54	18.52	19.7	0.0	
50	PV2 BPSK	1	67	18.64	18.56	18.62			
50	PV2 BPSK	1	131	18.57	18.56	18.48			
50	PV2 BPSK	64	0	18.52	18.52	18.56	19.7	0.0	
50	PV2 BPSK	64	35	18.60	18.54	18.55	19.7	0.0	
50	PV2 BPSK	64	69	18.59	18.64	18.53	19.7	0.0	
50	PV2 BPSK	128	0	18.52	18.63	18.48			
50	QPSK	1	1	18.66	18.68	18.65			
50	QPSK	1	67	18.54	18.66	18.51	19.7	0.0	
50	QPSK	1	131	18.62	18.59	18.58	19.7	0.0	
50	QPSK	64	0	18.52	18.56	18.51			
50	QPSK	64	35	18.65	18.67	18.63			
50	QPSK	64	69	18.63	18.65	18.54	19.7	0.0	
50	QPSK	128	0	18.63	18.65	18.61			
50	16QAM	1	1	18.56	18.59	18.48	19.7	0.0	
50	16QAM	1	1	18.61	18.61	18.62	19.7	0.0	
50	256QAM	1	1	18.50	18.59	18.54	19.7	0.0	
Channel				502200	518598	534998	Tune-up limit	MPR	
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)	
30	QPSK	1	1	18.60	18.60	18.50	19.7	0.0	
Channel				501204	518598	535998	Tune-up limit	MPR	
Frequency (MHz)				2508.02	2592.99	2679.99	(dBm)	(dB)	
20	QPSK	1	1	18.51	18.61	18.59	19.7	0.0	

n41_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	PV2 BPSK	1	1	21.41	21.49	21.40	23.0	0.0	
50	PV2 BPSK	1	67	21.44	21.50	21.37			
50	PV2 BPSK	1	131	21.35	21.40	21.42			
50	PV2 BPSK	64	0	21.45	21.46	21.46	23.0	0.0	
50	PV2 BPSK	64	35	21.35	21.50	21.47	23.0	0.0	
50	PV2 BPSK	64	69	21.37	21.44	21.46	23.0	0.0	
50	PV2 BPSK	128	0	21.37	21.44	21.39			
50	QPSK	1	1	21.53	21.56	21.51			
50	QPSK	1	67	21.42	21.41	21.46	23.0	0.0	
50	QPSK	1	131	21.35	21.44	21.41	23.0	0.0	
50	QPSK	64	0	21.38	21.39	21.44			
50	QPSK	64	35	21.50	21.53	21.49			
50	QPSK	64	69	21.44	21.47	21.39	23.0	0.0	
50	QPSK	128	0	21.48	21.51	21.47			
50	16QAM	1	1	21.37	21.43	21.39	23.0	0.0	
50	16QAM	1	1	20.66	20.61	20.71	22.5	0.5	
50	256QAM	1	1	19.12	19.23	19.16	20.5	2.5	
Channel				502200	518598	534998	Tune-up limit	MPR	
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)	
30	QPSK	1	1	21.38	21.43	21.44	23.0	0.0	
Channel				501204	518598	535998	Tune-up limit	MPR	
Frequency (MHz)				2508.02	2592.99	2679.99	(dBm)	(dB)	
20	QPSK	1	1	21.36	21.50	21.38	23.0	0.0	

n41_Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504204	518598	532998	22.7	0.0	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	PI/2 BPSK	1	1	21.50	21.66	21.56	22.7	0.0	
50	PI/2 BPSK	1	67	21.52	21.61	21.49			
50	PI/2 BPSK	1	131	21.56	21.67	21.57			
50	PI/2 BPSK	64	0	21.53	21.61	21.60			
50	PI/2 BPSK	64	35	21.50	21.59	21.56	22.7	0.0	
50	PI/2 BPSK	64	69	21.57	21.62	21.53	22.7	0.0	
50	PI/2 BPSK	128	0	21.59	21.67	21.59			
50	QPSK	1	1	21.68	22.00	21.65	22.7	0.0	
50	QPSK	1	67	21.56	21.61	21.55			
50	QPSK	1	131	21.56	21.56	21.55			
50	QPSK	64	0	21.57	21.61	21.57			
50	QPSK	64	35	21.65	21.59	21.63	22.7	0.0	
50	QPSK	64	69	21.54	21.63	21.50	22.7	0.0	
50	QPSK	128	0	21.63	21.96	21.61			
50	16QAM	1	1	21.63	21.64	21.53	22.7	0.0	
50	64QAM	1	1	21.53	21.66	21.54	22.7	0.0	
50	256QAM	1	1	20.17	20.20	20.23	21.2	1.5	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98	22.7	0.0	
30	QPSK	1	1	21.57	21.72	21.61			
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2674.99	22.7	0.0	
20	QPSK	1	1	21.64	21.64	21.56			

n41_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504204	518598	532998	19.5	0.0	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	PI/2 BPSK	1	1	17.99	18.01	18.09	19.5	0.0	
50	PI/2 BPSK	1	67	18.03	18.06	18.07			
50	PI/2 BPSK	1	131	18.00	18.10	18.04			
50	PI/2 BPSK	64	0	18.04	18.02	18.04			
50	PI/2 BPSK	64	35	17.98	18.06	18.03	19.5	0.0	
50	PI/2 BPSK	64	69	17.98	18.09	18.07	19.5	0.0	
50	PI/2 BPSK	128	0	18.00	18.05	17.99			
50	QPSK	1	1	18.13	18.15	18.11	19.5	0.0	
50	QPSK	1	67	18.01	18.01	18.06			
50	QPSK	1	131	18.06	18.06	17.98			
50	QPSK	64	0	18.08	18.10	17.98			
50	QPSK	64	35	18.11	18.13	18.10	19.5	0.0	
50	QPSK	64	69	18.08	18.07	18.07	19.5	0.0	
50	QPSK	128	0	18.10	18.11	18.08			
50	16QAM	1	1	17.96	18.00	18.06	19.5	0.0	
50	64QAM	1	1	18.01	18.01	17.98	19.5	0.0	
50	256QAM	1	1	18.05	18.07	18.06	19.5	0.0	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98	19.5	0.0	
30	QPSK	1	1	18.00	18.09	18.03			
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2674.99	19.5	0.0	
20	QPSK	1	1	18.05	18.12	18.07			

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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				633332					
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1		16.74				
100	PI/2 BPSK	1	137		16.62		17.7	0.0	
100	PI/2 BPSK	1	271		16.65				
100	PI/2 BPSK	135	0		16.65		17.7	0.0	
100	PI/2 BPSK	135	69		16.75		17.7	0.0	
100	PI/2 BPSK	135	138		16.72		17.7	0.0	
100	PI/2 BPSK	270	0		16.64				
100	QPSK	1	1		17.10				
100	QPSK	1	137		16.62		17.7	0.0	
100	QPSK	1	271		16.71				
100	QPSK	135	0		16.62		17.7	0.0	
100	QPSK	135	69		17.08		17.7	0.0	
100	QPSK	135	138		16.74		17.7	0.0	
100	QPSK	270	0		17.05				
100	16QAM	1	1		16.68		17.7	0.0	
100	64QAM	1	1		16.72		17.7	0.0	
100	256QAM	1	1		16.69		17.7	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1		16.63	16.65	16.62	17.7	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1		16.69	16.74	16.73	17.7	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1		16.71	16.67	16.71	17.7	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1		16.62	16.72	16.65	17.7	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1		16.66	16.74	16.61	17.7	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1		16.75	16.64	16.63	17.7	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1		16.62	16.72	16.67	17.7	

Part27O_n77_Ant 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	652000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1		16.60	16.64	16.57		
100	PI/2 BPSK	1	137		16.54	16.72	16.59	17.7	
100	PI/2 BPSK	1	271		16.54	16.60	16.50		
100	PI/2 BPSK	135	0		16.61	16.61	16.62	17.7	
100	PI/2 BPSK	135	69		16.51	16.62	16.62	17.7	
100	PI/2 BPSK	135	138		16.55	16.72	16.54	17.7	
100	PI/2 BPSK	270	0		16.63	16.68	16.64		
100	QPSK	1	1		16.68	16.76	16.67		
100	QPSK	1	137		16.51	16.71	16.50	17.7	
100	QPSK	1	271		16.62	16.70	16.52		
100	QPSK	135	0		16.57	16.70	16.58	17.7	
100	QPSK	135	69		16.66	16.75	16.65	17.7	
100	QPSK	135	138		16.55	16.61	16.63	17.7	
100	QPSK	270	0		16.65	16.73	16.63		
100	16QAM	1	1		16.61	16.71	16.62	17.7	
100	64QAM	1	1		16.57	16.65	16.64	17.7	
100	256QAM	1	1		16.53	16.61	16.58	17.7	
Channel				648668	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1		16.61	16.63	16.54	17.7	
Channel				648334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1		16.73	16.54	16.55	17.7	
Channel				648668	650000	653332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1		16.61	16.63	16.59	17.7	
Channel				648334	650000	653666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1		16.60	16.59	16.61	17.7	
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1		16.66	16.62	16.62	17.7	
Channel				647668	650000	654332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3721.02	3840	3954.98			
30	QPSK	1	1		16.68	16.62	16.61	17.7	
Channel				647334	650000	654666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1		16.70	16.59	16.62	17.7	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 633332	Power Middle Ch. / Freq. 633332	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				3499.98					
Frequency (MHz)				17.05					
100	Pi/2 BPSK	1	1		17.05				
100	Pi/2 BPSK	1	137		17.09		18.5	0.0	
100	Pi/2 BPSK	1	271		17.11				
100	Pi/2 BPSK	135	0		17.05		18.5	0.0	
100	Pi/2 BPSK	135	69		17.06		18.5	0.0	
100	Pi/2 BPSK	135	138		17.12		18.5	0.0	
100	Pi/2 BPSK	270	0		17.17				
100	QPSK	1	1		17.20				
100	QPSK	1	137		17.08		18.5	0.0	
100	QPSK	1	271		17.17				
100	QPSK	135	0		17.15		18.5	0.0	
100	QPSK	135	69		17.18		18.5	0.0	
100	QPSK	135	138		17.07		18.5	0.0	
100	QPSK	270	0		17.16				
100	16QAM	1	1		17.03		18.5	0.0	
100	64QAM	1	1		17.07		18.5	0.0	
100	256QAM	1	1		17.04		18.5	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1		17.09	17.12	17.08	18.5	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3499.02	3499.98	3500			
80	QPSK	1	1		17.09	17.14	17.03	18.5	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1		17.05	17.14	17.09	18.5	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1		17.13	17.13	17.17	18.5	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1		17.08	17.12	17.06	18.5	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1		17.14	17.13	17.04	18.5	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1		17.08	17.15	17.15	18.5	

Part27O_n77_Ant 8									
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				3750		3840	3930		
Frequency (MHz)				16.66		16.88	16.66		
100	Pi/2 BPSK	1	1		16.66	16.88	16.66		
100	Pi/2 BPSK	1	137		16.69	16.95	16.62	18.5	
100	Pi/2 BPSK	1	271		16.70	16.94	16.62		
100	Pi/2 BPSK	135	0		16.62	17.01	16.55	18.5	
100	Pi/2 BPSK	135	69		16.64	16.97	16.63	18.5	
100	Pi/2 BPSK	135	138		16.68	16.97	16.61	18.5	
100	Pi/2 BPSK	270	0		16.65	17.00	16.54	18.5	
100	QPSK	1	1		16.76	17.06	16.68		
100	QPSK	1	137		16.63	16.91	16.65	18.5	
100	QPSK	1	271		16.69	16.93	16.61		
100	QPSK	135	0		16.66	16.92	16.65	18.5	
100	QPSK	135	69		16.75	17.03	16.69	18.5	
100	QPSK	135	138		16.71	17.00	16.56	18.5	
100	QPSK	270	0		16.73	17.01	16.63	18.5	
100	16QAM	1	1		16.69	17.01	16.55	18.5	
100	64QAM	1	1		16.70	17.00	16.55	18.5	
100	256QAM	1	1		16.68	16.96	16.80	18.5	
Channel				648668	650000	662332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1		16.91	16.64	16.64	18.5	
Channel				648334	650000	662666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1		16.89	16.66	16.55	18.5	
Channel				648668	650000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1		16.96	16.60	16.64	18.5	
Channel				648334	650000	663666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1		16.90	16.63	16.55	18.5	
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1		16.98	16.74	16.54	18.5	
Channel				647668	650000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.98			
30	QPSK	1	1		16.91	16.73	16.54	18.5	
Channel				647334	650000	664666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1		16.93	16.71	16.51	18.5	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				633332	633332					
Frequency (MHz)				3499.98						
100	PI/2 BPSK	1	1		16.84		18.0		0.0	
100	PI/2 BPSK	1	137		16.93					
100	PI/2 BPSK	1	271		16.82					
100	PI/2 BPSK	135	0		16.89		18.0		0.0	
100	PI/2 BPSK	135	69		16.90		18.0		0.0	
100	PI/2 BPSK	135	138		16.89		18.0		0.0	
100	PI/2 BPSK	270	0		16.95					
100	QPSK	1	1		16.98		18.0		0.0	
100	QPSK	1	137		16.94					
100	QPSK	1	271		16.86					
100	QPSK	135	0		16.89		18.0		0.0	
100	QPSK	135	69		16.96		18.0		0.0	
100	QPSK	135	138		16.93		18.0		0.0	
100	QPSK	270	0		16.95					
100	16QAM	1	1		16.82		18.0		0.0	
100	64QAM	1	1		16.94		18.0		0.0	
100	256QAM	1	1		16.84		18.0		0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3495	3499.98	3504.99				
90	QPSK	1	1		16.86	16.90	16.86	18.0	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3490.02	3499.98	3510				
80	QPSK	1	1		16.90	16.85	16.81	18.0	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3480	3499.98	3519.99				
60	QPSK	1	1		16.93	16.93	16.85	18.0	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3475.02	3499.98	3525				
50	QPSK	1	1		16.87	16.95	16.94	18.0	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3470.01	3499.98	3529.98				
40	QPSK	1	1		16.91	16.88	16.91	18.0	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3465.02	3499.98	3531.99				
30	QPSK	1	1		16.83	16.99	16.89	18.0	0.0	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3460.02	3499.98	3540				
20	QPSK	1	1		16.91	16.92	16.89	18.0	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				655000	655000	656000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	16.68	16.86	16.57	18.0	0.0	
100	PI/2 BPSK	1	137	16.67	16.82	16.59			
100	PI/2 BPSK	1	271	16.61	16.77	16.57			
100	PI/2 BPSK	135	0	16.57	16.85	16.60	18.0	0.0	
100	PI/2 BPSK	135	69	16.61	16.83	16.66	18.0	0.0	
100	PI/2 BPSK	135	138	16.60	16.77	16.63	18.0	0.0	
100	PI/2 BPSK	270	0	16.69	16.83	16.61	18.0	0.0	
100	QPSK	1	1	16.73	16.91	16.70	18.0	0.0	
100	QPSK	1	137	16.64	16.81	16.54			
100	QPSK	1	271	16.59	16.83	16.60			
100	QPSK	135	0	16.63	16.81	16.64	18.0	0.0	
100	QPSK	135	69	16.71	16.89	16.68	18.0	0.0	
100	QPSK	135	138	16.63	16.84	16.65	18.0	0.0	
100	QPSK	270	0	16.70	16.87	16.66	18.0	0.0	
100	16QAM	1	1	16.60	16.79	16.66	18.0	0.0	
100	64QAM	1	1	16.65	16.85	16.66	18.0	0.0	
100	256QAM	1	1	16.64	16.85	16.62	18.0	0.0	
Channel				648668	655000	662332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1	16.87	16.57	16.62	18.0	0.0	
Channel				649334	655000	662666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1	16.85	16.64	16.61	18.0	0.0	
Channel				648668	655000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1	16.79	16.68	16.67	18.0	0.0	
Channel				648334	655000	663666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1	16.84	16.63	16.59	18.0	0.0	
Channel				648000	655000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	16.78	16.61	16.53	18.0	0.0	
Channel				647668	655000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3954.98			
30	QPSK	1	1	16.83	16.64	16.54	18.0	0.0	
Channel				647334	655000	664666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1	16.80	16.67	16.61	18.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 633332	Power Middle Ch. / Freq. 633332	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				3499.98					
Frequency (MHz)				15.99					
100	Pi/2 BPSK	1	1		15.92		17.0	0.0	
100	Pi/2 BPSK	1	137		15.91				
100	Pi/2 BPSK	1	271		15.91		17.0	0.0	
100	Pi/2 BPSK	135	0		15.86				
100	Pi/2 BPSK	135	69		15.88		17.0	0.0	
100	Pi/2 BPSK	135	138		15.86		17.0	0.0	
100	Pi/2 BPSK	270	0		15.87				
100	QPSK	1	1		16.02				
100	QPSK	1	137		15.92		17.0	0.0	
100	QPSK	1	271		15.87				
100	QPSK	135	0		15.88				
100	QPSK	135	69		16.00		17.0	0.0	
100	QPSK	135	138		15.95				
100	QPSK	270	0		15.99		17.0	0.0	
100	16QAM	1	1		15.98				
100	64QAM	1	1		15.95		17.0	0.0	
100	256QAM	1	1		15.87		17.0	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1		15.97	15.93	15.89	17.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1		15.98	15.87	15.92	17.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1		15.87	15.91	15.90	17.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1		15.89	15.87	15.88	17.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1		15.97	15.85	15.94	17.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1		15.92	15.91	15.99	17.0	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1		15.94	15.94	15.96	17.0	

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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				3750		3840	3930		
Frequency (MHz)				15.60		15.64	15.46		
100	Pi/2 BPSK	1	1		15.60	15.63	15.56	17.0	
100	Pi/2 BPSK	1	137		15.50	15.63	15.56		
100	Pi/2 BPSK	1	271		15.56	15.68	15.47	17.0	
100	Pi/2 BPSK	135	0		15.59	15.68	15.51	17.0	
100	Pi/2 BPSK	135	69		15.51	15.54	15.47	17.0	
100	Pi/2 BPSK	135	138		15.58	15.66	15.57	17.0	
100	Pi/2 BPSK	270	0		15.47	15.63	15.57		
100	QPSK	1	1		15.63	15.76	15.61		
100	QPSK	1	137		15.57	15.72	15.55	17.0	
100	QPSK	1	271		15.55	15.71	15.57		
100	QPSK	135	0		15.46	15.63	15.55	17.0	
100	QPSK	135	69		15.61	15.75	15.60	17.0	
100	QPSK	135	138		15.48	15.74	15.49	17.0	
100	QPSK	270	0		15.60	15.73	15.58		
100	16QAM	1	1		15.53	15.69	15.50	17.0	
100	64QAM	1	1		15.57	15.70	15.54	17.0	
100	256QAM	1	1		15.52	15.61	15.52	17.0	
Channel				648668	650000	662332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1		15.64	15.49	15.49	17.0	
Channel				648334	650000	662666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1		15.69	15.53	15.55	17.0	
Channel				648668	650000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1		15.63	15.55	15.59	17.0	
Channel				648334	650000	663666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1		15.70	15.47	15.51	17.0	
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1		15.69	15.54	15.51	17.0	
Channel				647668	650000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.99			
30	QPSK	1	1		15.73	15.60	15.59	17.0	
Channel				647334	650000	664666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1		15.71	15.47	15.45	17.0	

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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				633332					
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1	16.72					
100	PI/2 BPSK	1	137	16.71			17.7	0.0	
100	PI/2 BPSK	1	271	16.74					
100	PI/2 BPSK	135	0	16.65			17.7	0.0	
100	PI/2 BPSK	135	69	16.63			17.7	0.0	
100	PI/2 BPSK	135	138	16.61			17.7	0.0	
100	PI/2 BPSK	270	0	16.69					
100	QPSK	1	1	16.78					
100	QPSK	1	137	16.63			17.7	0.0	
100	QPSK	1	271	16.65					
100	QPSK	135	0	16.74			17.7	0.0	
100	QPSK	135	69	16.76			17.7	0.0	
100	QPSK	135	138	16.67			17.7	0.0	
100	QPSK	270	0	16.75					
100	16QAM	1	1	16.71			17.7	0.0	
100	64QAM	1	1	16.63			17.7	0.0	
100	256QAM	1	1	16.68			17.7	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	16.61	16.68	16.69	17.7	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	16.64	16.75	16.73	17.7	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	16.61	16.71	16.71	17.7	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	16.68	16.65	16.73	17.7	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	16.72	16.64	16.68	17.7	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3533.99			
30	QPSK	1	1	16.74	16.66	16.68	17.7	0.0	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	16.69	16.64	16.63	17.7	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					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	16.63					
100	PI/2 BPSK	1	137	16.65			17.7	0.0	
100	PI/2 BPSK	1	271	16.74					
100	PI/2 BPSK	135	0	16.73			17.7	0.0	
100	PI/2 BPSK	135	69	16.74			17.7	0.0	
100	PI/2 BPSK	135	138	16.67			17.7	0.0	
100	PI/2 BPSK	270	0	16.62					
100	QPSK	1	1	16.78					
100	QPSK	1	137	16.62			17.7	0.0	
100	QPSK	1	271	16.68					
100	QPSK	135	0	16.75			17.7	0.0	
100	QPSK	135	69	16.76			17.7	0.0	
100	QPSK	135	138	16.71			17.7	0.0	
100	QPSK	270	0	16.75					
100	16QAM	1	1	16.61			17.7	0.0	
100	64QAM	1	1	16.66			17.7	0.0	
100	256QAM	1	1	16.65			17.7	0.0	
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1	16.72	16.70	16.61	17.7	0.0	
Channel				648334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99			
80	QPSK	1	1	16.68	16.67	16.62	17.7	0.0	
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98			
60	QPSK	1	1	16.63	16.72	16.73	17.7	0.0	
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1	16.64	16.64	16.64	17.7	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	16.67	16.61	16.72	17.7	0.0	
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98			
30	QPSK	1	1	16.63	16.67	16.74	17.7	0.0	
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99			
20	QPSK	1	1	16.72	16.61	16.71	17.7	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				633332					
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1	15.82					
100	PI/2 BPSK	1	137	15.73			17.5	0.0	
100	PI/2 BPSK	1	271	15.83					
100	PI/2 BPSK	135	0	15.81			17.5	0.0	
100	PI/2 BPSK	135	69	15.71			17.5	0.0	
100	PI/2 BPSK	135	138	15.74			17.5	0.0	
100	PI/2 BPSK	270	0	15.84					
100	QPSK	1	1	15.86					
100	QPSK	1	137	15.75			17.5	0.0	
100	QPSK	1	271	15.75					
100	QPSK	135	0	15.77			17.5	0.0	
100	QPSK	135	69	15.86			17.5	0.0	
100	QPSK	135	138	15.83			17.5	0.0	
100	QPSK	270	0	15.85					
100	16QAM	1	1	15.77			17.5	0.0	
100	64QAM	1	1	15.73			17.5	0.0	
100	256QAM	1	1	15.78			17.5	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	15.74	15.84	15.82	17.5	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	15.83	15.79	15.73	17.5	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	15.82	15.73	15.83	17.5	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	15.72	15.75	15.76	17.5	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	15.85	15.73	15.77	17.5	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	15.73	15.72	15.81	17.5	0.0	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	15.73	15.78	15.74	17.5	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					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	15.84					
100	PI/2 BPSK	1	137	15.76			17.5	0.0	
100	PI/2 BPSK	1	271	15.76					
100	PI/2 BPSK	135	0	15.83			17.5	0.0	
100	PI/2 BPSK	135	69	15.73			17.5	0.0	
100	PI/2 BPSK	135	138	15.79			17.5	0.0	
100	PI/2 BPSK	270	0	15.76					
100	QPSK	1	1	15.90					
100	QPSK	1	137	15.83			17.5	0.0	
100	QPSK	1	271	15.79					
100	QPSK	135	0	15.86			17.5	0.0	
100	QPSK	135	69	15.88			17.5	0.0	
100	QPSK	135	138	15.78			17.5	0.0	
100	QPSK	270	0	15.87					
100	16QAM	1	1	15.73			17.5	0.0	
100	64QAM	1	1	15.81			17.5	0.0	
100	256QAM	1	1	15.78			17.5	0.0	
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1	15.80	15.79	15.75	17.5	0.0	
Channel				648334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99			
80	QPSK	1	1	15.81	15.84	15.81	17.5	0.0	
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98			
60	QPSK	1	1	15.84	15.82	15.73	17.5	0.0	
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1	15.79	15.75	15.73	17.5	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	15.77	15.78	15.84	17.5	0.0	
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98			
30	QPSK	1	1	15.84	15.74	15.87	17.5	0.0	
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99			
20	QPSK	1	1	15.80	15.83	15.86	17.5	0.0	

Part27Q_n78_Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332					
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1		15.21				
100	PI/2 BPSK	1	137		15.14		16.5	0.0	
100	PI/2 BPSK	1	271		15.12				
100	PI/2 BPSK	135	0		15.18		16.5	0.0	
100	PI/2 BPSK	135	69		15.25		16.5	0.0	
100	PI/2 BPSK	135	138		15.16		16.5	0.0	
100	PI/2 BPSK	270	0		15.22				
100	QPSK	1	1		15.28				
100	QPSK	1	137		15.21		16.5	0.0	
100	QPSK	1	271		15.17				
100	QPSK	135	0		15.15		16.5	0.0	
100	QPSK	135	69		15.26		16.5	0.0	
100	QPSK	135	138		15.12		16.5	0.0	
100	QPSK	270	0		15.25				
100	16QAM	1	1		15.25		16.5	0.0	
100	64QAM	1	1		15.19		16.5	0.0	
100	256QAM	1	1		15.22		16.5	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1		15.15	15.12	15.16	16.5	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1		15.12	15.15	15.15	16.5	
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3499.98	3514.98			
60	QPSK	1	1		15.14	15.16	15.18	16.5	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3518.99			
50	QPSK	1	1		15.11	15.20	15.16	16.5	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
40	QPSK	1	1		15.24	15.26	15.14	16.5	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3471.01	3499.98	3529.99			
30	QPSK	1	1		15.16	15.25	15.14	16.5	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
20	QPSK	1	1		15.24	15.13	15.18	16.5	

Part27O_n78_Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		15.01				
100	PI/2 BPSK	1	137		15.04		16.5	0.0	
100	PI/2 BPSK	1	271		14.99				
100	PI/2 BPSK	135	0		15.02		16.5	0.0	
100	PI/2 BPSK	135	69		15.08		16.5	0.0	
100	PI/2 BPSK	135	138		15.00		16.5	0.0	
100	PI/2 BPSK	270	0		14.98				
100	QPSK	1	1		15.15				
100	QPSK	1	137		15.08		16.5	0.0	
100	QPSK	1	271		15.11				
100	QPSK	135	0		15.12		16.5	0.0	
100	QPSK	135	69		15.13		16.5	0.0	
100	QPSK	135	138		15.08		16.5	0.0	
100	QPSK	270	0		15.11				
100	16QAM	1	1		15.05		16.5	0.0	
100	64QAM	1	1		15.11		16.5	0.0	
100	256QAM	1	1		15.01		16.5	0.0	
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1		14.99	15.04	15.02	16.5	
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99			
80	QPSK	1	1		15.06	15.00	15.00	16.5	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
60	QPSK	1	1		15.05	15.07	15.08	16.5	
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98			
50	QPSK	1	1		15.11	15.07	15.04	16.5	
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99			
40	QPSK	1	1		15.00	15.02	15.00	16.5	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
30	QPSK	1	1		15.12	15.07	15.08	16.5	
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98			
20	QPSK	1	1		14.98	15.02	15.08	16.5	

Part27Q_n78_Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332					
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1	13.44					
100	PI/2 BPSK	1	137	13.33			14.5	0.0	
100	PI/2 BPSK	1	271	13.48					
100	PI/2 BPSK	135	0	13.42			14.5	0.0	
100	PI/2 BPSK	135	69	13.32			14.5	0.0	
100	PI/2 BPSK	135	138	13.44					
100	PI/2 BPSK	270	0	13.33			14.5	0.0	
100	QPSK	1	1	13.48					
100	QPSK	1	137	13.34			14.5	0.0	
100	QPSK	1	271	13.43					
100	QPSK	135	0	13.39			14.5	0.0	
100	QPSK	135	69	13.47			14.5	0.0	
100	QPSK	135	138	13.33			14.5	0.0	
100	QPSK	270	0	13.45					
100	16QAM	1	1	13.37			14.5	0.0	
100	64QAM	1	1	13.40			14.5	0.0	
100	256QAM	1	1	13.43			14.5	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	13.42	13.36	13.45	14.5	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	13.40	13.39	13.44	14.5	0.0	
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	13.33	13.44	13.35	14.5	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	13.34	13.32	13.44	14.5	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	13.39	13.37	13.35	14.5	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3533.99			
30	QPSK	1	1	13.42	13.33	13.43	14.5	0.0	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	13.33	13.46	13.36	14.5	0.0	

Part27O_n78_Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	13.42					
100	PI/2 BPSK	1	137	13.43			14.5	0.0	
100	PI/2 BPSK	1	271	13.40					
100	PI/2 BPSK	135	0	13.44			14.5	0.0	
100	PI/2 BPSK	135	69	13.45			14.5	0.0	
100	PI/2 BPSK	135	138	13.45					
100	PI/2 BPSK	270	0	13.32			14.5	0.0	
100	QPSK	1	1	13.57					
100	QPSK	1	137	13.46			14.5	0.0	
100	QPSK	1	271	13.50					
100	QPSK	135	0	13.46			14.5	0.0	
100	QPSK	135	69	13.55			14.5	0.0	
100	QPSK	135	138	13.42			14.5	0.0	
100	QPSK	270	0	13.53					
100	16QAM	1	1	13.44			14.5	0.0	
100	64QAM	1	1	13.51			14.5	0.0	
100	256QAM	1	1	13.44			14.5	0.0	
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1	13.48	13.42	13.49	14.5	0.0	
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99			
80	QPSK	1	1	13.45	13.42	13.40	14.5	0.0	
Channel				648998	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98			
60	QPSK	1	1	13.51	13.46	13.44	14.5	0.0	
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1	13.40	13.41	13.51	14.5	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	13.43	13.49	13.43	14.5	0.0	
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98			
30	QPSK	1	1	13.45	13.50	13.54	14.5	0.0	
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99			
20	QPSK	1	1	13.40	13.49	13.53	14.5	0.0	

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			Jul		Head Standline		Head Non-CBS		Sub/Coverline Standline		Holep on Non-CBS KCBS		Duty Cycle %		
			Aug 7		Aug 7		Aug 7		Aug 7		Aug 7				
			Average power (dBm)		Turn-Up Limit		Average power (dBm)		Turn-Up Limit		Average power (dBm)			Turn-Up Limit	
			Turn-Up Limit		Turn-Up Limit		Turn-Up Limit		Turn-Up Limit		Turn-Up Limit			Turn-Up Limit	
2 AGW ULAN	Mode	Channel	Frequency (MHz)	Average power (dBm)		Turn-Up Limit		Average power (dBm)		Turn-Up Limit		Average power (dBm)		Turn-Up Limit	
				Turn-Up Limit		Turn-Up Limit		Turn-Up Limit		Turn-Up Limit		Turn-Up Limit			
				Turn-Up Limit		Turn-Up Limit		Turn-Up Limit		Turn-Up Limit		Turn-Up Limit			
				Turn-Up Limit		Turn-Up Limit		Turn-Up Limit		Turn-Up Limit		Turn-Up Limit			
802.11b 11Mbps			1	2412	15.50	20.00	15.50	17.50	12.49	13.50	15.50	20.00	17.50	19.99	
				2412	15.50	20.00	15.50	17.50	12.49	13.50	15.50	20.00	17.50	19.99	
				2412	15.50	20.00	15.50	17.50	12.49	13.50	15.50	20.00	17.50	19.99	
				2412	15.50	20.00	15.50	17.50	12.49	13.50	15.50	20.00	17.50	19.99	
802.11b 11Mbps			6	2437	15.27	20.00	17.30	18.50	13.20	14.50	15.27	21.00	18.30	20.00	
				2437	15.27	20.00	17.30	18.50	13.20	14.50	15.27	21.00	18.30	20.00	
				2437	15.27	20.00	17.30	18.50	13.20	14.50	15.27	21.00	18.30	20.00	
				2437	15.27	20.00	17.30	18.50	13.20	14.50	15.27	21.00	18.30	20.00	
802.11b 11Mbps			11	2463	15.07	20.00	15.00	17.50	12.55	13.50	15.07	20.00	15.00	19.99	
				2463	15.07	20.00	15.00	17.50	12.55	13.50	15.07	20.00	15.00	19.99	
				2463	15.07	20.00	15.00	17.50	12.55	13.50	15.07	20.00	15.00	19.99	
				2463	15.07	20.00	15.00	17.50	12.55	13.50	15.07	20.00	15.00	19.99	

eSpectrum			All 15	
			Full	Non-DFS (A/B)
			Average power (dBm)	Average power (dBm)
801-823	Mode	Frequency (MHz)	10000	10000
	Channel			
	CH 50	2452	16.40	11.18
	CH 59	2461	16.11	11.77
	CH 58	2460	14.71	10.96
Time up Limit			16.00	12.00