

Par270 n77(PC3)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mask Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI2 BPSK	1	1	20.66	20.68	20.54		
100	PI2 BPSK	1	137	20.68	20.73	20.55	22.2	0.0
100	PI2 BPSK	1	271	20.68	20.65	20.56		
100	PI2 BPSK	135	0	20.70	20.72	20.54	22.2	0.0
100	PI2 BPSK	135	69	20.70	20.71	20.56	22.2	0.0
100	PI2 BPSK	135	135	20.69	20.67	20.61		
100	PI2 BPSK	270	0	20.64	20.65	20.58	22.2	0.0
100	QPSK	1	1	20.74	20.76	20.67		
100	QPSK	1	137	20.67	20.69	20.66	22.2	0.0
100	QPSK	1	271	20.65	20.74	20.64		
100	QPSK	135	0	20.67	20.68	20.61		
100	QPSK	135	69	20.72	20.74	20.62	22.2	0.0
100	QPSK	135	135	20.71	20.70	20.55		
100	QPSK	270	0	20.69	20.70	20.60	22.2	0.0
100	64QAM	1	1	20.70	20.68	20.69	22.2	0.0
100	64QAM	1	1	20.64	20.72	20.55	22.2	0.0
100	256QAM	1	1	18.60	18.54	18.47	20.2	2.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3934.98		
90	QPSK	1	1	20.66	20.68	20.60	22.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	20.69	20.72	20.56	22.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.65	20.68	20.59	22.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3731.02	3840	3943.98		
60	QPSK	1	1	20.66	20.71	20.60	22.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3728.01	3840	3954.99		
50	QPSK	1	1	20.67	20.72	20.60	22.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3950		
40	QPSK	1	1	20.68	20.68	20.54	22.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3716.02	3840	3954.98		
30	QPSK	1	1	20.63	20.63	20.61	22.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	20.63	20.69	20.53	22.2	0.0

Par27Q n77(PC3)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mask Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3469.68			
100	PI2 BPSK	1	1		21.28			
100	PI2 BPSK	1	137		21.28		22.2	0.0
100	PI2 BPSK	1	271		21.28			
100	PI2 BPSK	135	0		21.26		22.2	0.0
100	PI2 BPSK	135	69		21.27		22.2	0.0
100	PI2 BPSK	135	135		21.26		22.2	0.0
100	PI2 BPSK	270	0		21.22			
100	QPSK	1	1		21.31			
100	QPSK	1	137		21.26		22.2	0.0
100	QPSK	1	271		21.28			
100	QPSK	135	0		21.25			
100	QPSK	135	69		21.30		22.2	0.0
100	QPSK	135	135		21.27			
100	QPSK	270	0		21.27		22.2	0.0
100	64QAM	1	1		21.27		22.2	0.0
100	64QAM	1	1		21.27		22.2	0.0
100	256QAM	1	1		18.83		20.2	2.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3469	3469.68	3469.99		
90	QPSK	1	1	21.19	21.23	21.23	22.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3469.68	3510		
80	QPSK	1	1	21.22	21.26	21.21	22.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3469.68	3514.98		
70	QPSK	1	1	21.15	21.26	21.26	22.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450	3469.68	3519.99		
60	QPSK	1	1	21.15	21.26	21.26	22.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3469.68	3525		
50	QPSK	1	1	21.17	21.26	21.22	22.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3469.68	3529.98		
40	QPSK	1	1	21.17	21.25	21.21	22.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3469.68	3534.99		
30	QPSK	1	1	18.75	18.74	18.68	22.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3469.68	3540		
20	QPSK	1	1	21.20	21.22	21.21	22.2	0.0

Par27O n77(PC2)_FCC_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI2 BPSK	1	1	20.00	20.10	20.02		
100	PI2 BPSK	1	137	19.97	20.07	20.02	21.2	0.0
100	PI2 BPSK	1	271	20.01	20.08	19.97		
100	PI2 BPSK	135	0	19.95	20.14	19.99	21.2	0.0
100	PI2 BPSK	135	69	19.99	20.11	20.04		0.0
100	PI2 BPSK	135	135	20.03	20.06	20.04		
100	PI2 BPSK	270	0	19.95	20.12	19.99	21.2	0.0
100	QPSK	1	1	20.12	20.19	20.12		
100	QPSK	1	137	20.11	20.16	20.11	21.2	0.0
100	QPSK	1	271	20.10	20.11	20.05		
100	QPSK	135	0	19.95	20.07	20.00		
100	QPSK	135	69	20.04	20.15	20.06	21.2	0.0
100	QPSK	135	135	19.96	20.08	20.04		
100	QPSK	270	0	19.99	20.10	19.98	21.2	0.0
100	MSAM	1	1	20.03	20.07	19.99	21.2	0.0
100	MSAM	1	1	20.02	20.05	19.97	21.2	0.0
100	256QAM	1	1	20.00	20.09	20.04	21.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3934.98		
90	QPSK	1	1	19.95	20.11	19.99	21.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	20.03	20.08	19.98	21.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.00	20.13	19.97	21.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3728.02	3840	3943.98		
60	QPSK	1	1	19.98	20.07	20.05	21.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.97	20.07	20.02	21.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3950		
40	QPSK	1	1	19.99	20.06	20.00	21.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3713.02	3840.00	3954.99		
30	QPSK	1	1	20.03	20.07	20.02	21.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.95	20.10	20.04	21.2	0.0

Par27Q n77(PC2)_FCC_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633332	633666		
Frequency (MHz)					3499.68			
100	PI2 BPSK	1	1		20.12			
100	PI2 BPSK	1	137		20.10		21.2	0.0
100	PI2 BPSK	1	271		20.08			
100	PI2 BPSK	135	0		20.09		21.2	0.0
100	PI2 BPSK	135	69		20.05		21.2	0.0
100	PI2 BPSK	135	135		20.12		21.2	0.0
100	PI2 BPSK	270	0		20.05			
100	QPSK	1	1		20.18			
100	QPSK	1	137		20.12		21.2	0.0
100	QPSK	1	271		20.11			
100	QPSK	135	0		20.11			
100	QPSK	135	69		20.13		21.2	0.0
100	QPSK	135	135		20.06			
100	QPSK	270	0		20.07		21.2	0.0
100	MSAM	1	1		20.05		21.2	0.0
100	MSAM	1	1		20.08		21.2	0.0
100	256QAM	1	1		20.04		21.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3499	3499.68	3504.99		
90	QPSK	1	1	20.00	20.05	20.04	21.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.68	3510		
80	QPSK	1	1	20.03	20.05	20.04	21.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.68	3514.98		
70	QPSK	1	1	19.99	20.07	20.10	21.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.68	3519.99		
60	QPSK	1	1	19.99	20.10	20.08	21.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.68	3525		
50	QPSK	1	1	20.01	20.04	20.05	21.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.68	3529.98		
40	QPSK	1	1	19.96	20.11	20.03	21.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.68	3534.99		
30	QPSK	1	1	20.03	20.05	20.11	21.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.68	3540		
20	QPSK	1	1	19.98	20.08	20.07	21.2	0.0

Par27O n77(PC3)_FCC_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI2 BPSK	1	1	20.00	20.10	20.02		
100	PI2 BPSK	1	137	19.97	20.07	20.02	21.2	0.0
100	PI2 BPSK	1	271	20.01	20.08	19.97		
100	PI2 BPSK	135	0	19.95	20.14	19.99	21.2	0.0
100	PI2 BPSK	135	69	19.99	20.11	20.04	21.2	0.0
100	PI2 BPSK	135	135	20.03	20.06	20.04		
100	PI2 BPSK	270	0	19.95	20.12	19.99	21.2	0.0
100	QPSK	1	1	20.12	20.19	20.12		
100	QPSK	1	137	20.11	20.16	20.11	21.2	0.0
100	QPSK	1	271	20.10	20.11	20.05		
100	QPSK	135	0	19.95	20.07	20.00		
100	QPSK	135	69	20.04	20.15	20.06	21.2	0.0
100	QPSK	135	135	19.96	20.08	20.04		
100	QPSK	270	0	19.99	20.10	19.98	21.2	0.0
100	MSAM	1	1	20.03	20.07	19.99	21.2	0.0
100	MSAM	1	1	20.02	20.05	19.97	21.2	0.0
100	256QAM	1	1	18.50	18.59	18.54	19.7	1.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3934.98		
90	QPSK	1	1	19.95	20.11	19.99	21.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	20.03	20.06	19.98	21.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.00	20.13	19.97	21.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3728.02	3840	3943.98		
60	QPSK	1	1	19.98	20.07	20.05	21.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.97	20.07	20.02	21.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3950		
40	QPSK	1	1	19.99	20.06	20.00	21.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3713.02	3840.00	3954.99		
30	QPSK	1	1	20.03	20.07	20.02	21.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.95	20.10	20.04	21.2	0.0

Par27Q n77(PC3)_FCC_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633332	633666		
Frequency (MHz)					3499.68			
100	PI2 BPSK	1	1		20.12			
100	PI2 BPSK	1	137		20.10		21.2	0.0
100	PI2 BPSK	1	271		20.08			
100	PI2 BPSK	135	0		20.09		21.2	0.0
100	PI2 BPSK	135	69		20.05		21.2	0.0
100	PI2 BPSK	135	135		20.12		21.2	0.0
100	PI2 BPSK	270	0		20.05			
100	QPSK	1	1		20.18			
100	QPSK	1	137		20.12		21.2	0.0
100	QPSK	1	271		20.11			
100	QPSK	135	0		20.11			
100	QPSK	135	69		20.13		21.2	0.0
100	QPSK	135	135		20.06			
100	QPSK	270	0		20.07		21.2	0.0
100	MSAM	1	1		20.05		21.2	0.0
100	MSAM	1	1		20.08		21.2	0.0
100	256QAM	1	1		18.54		19.7	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3493	3499.68	3504.99		
90	QPSK	1	1	20.00	20.05	20.04	21.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.68	3510		
80	QPSK	1	1	20.03	20.05	20.04	21.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.68	3514.98		
70	QPSK	1	1	19.99	20.07	20.10	21.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.68	3519.99		
60	QPSK	1	1	19.99	20.10	20.08	21.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.68	3525		
50	QPSK	1	1	20.01	20.04	20.05	21.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.68	3529.98		
40	QPSK	1	1	19.96	20.11	20.03	21.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.68	3534.99		
30	QPSK	1	1	20.03	20.05	20.11	21.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.68	3540		
20	QPSK	1	1	19.98	20.08	20.07	21.2	0.0



Reduced Power for DS117

Par270 n77(PC2)_FCC_ANT 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	17.09	17.09	17.07		0.0	
100	PI2 BPSK	1	137	17.08	17.11	17.11	18.7		
100	PI2 BPSK	1	271	17.09	17.11	17.08			
100	PI2 BPSK	135	0	17.16	17.10	17.07	18.7		
100	PI2 BPSK	135	69	17.15	17.14	17.11	18.7		
100	PI2 BPSK	135	135	17.12	17.15	17.07	18.7	0.0	
100	PI2 BPSK	270	0	17.14	17.10	17.10	18.7	0.0	
100	QPSK	1	1	17.20	17.24	17.17		18.7	
100	QPSK	1	137	17.12	17.21	17.08			
100	QPSK	1	271	17.11	17.17	17.15			
100	QPSK	135	0	17.09	17.09	17.13			
100	QPSK	135	69	17.17	17.19	17.15			
100	QPSK	135	135	17.11	17.07	17.06	18.7	0.0	
100	QPSK	270	0	17.10	17.15	17.07	18.7	0.0	
100	16QAM	1	1	17.16	17.14	17.06	18.7	0.0	
100	64QAM	1	1	17.15	17.14	17.12	18.7	0.0	
100	256QAM	1	1	17.11	17.12	17.13	18.7	0.0	
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1	17.12	17.09	17.09	18.7	0.0	
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1	17.09	17.09	17.07	18.7	0.0	
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	17.15	17.14	17.07	18.7	0.0	
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98			
60	QPSK	1	1	17.09	17.09	17.12	18.7	0.0	
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1	17.09	17.07	17.09	18.7	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	17.15	17.13	17.11	18.7	0.0	
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.98			
30	QPSK	1	1	17.08	17.11	17.09	18.7	0.0	
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1	17.12	17.07	17.13	18.7	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR (dB)	
Channel				633332					
Frequency (MHz)				3499.58					
100	PI2 BPSK	1	1		17.69		18.7	0.0	
100	PI2 BPSK	1	137		17.68				
100	PI2 BPSK	1	271		17.73				
100	PI2 BPSK	135	0		17.69		18.7	0.0	
100	PI2 BPSK	135	69		17.66				
100	PI2 BPSK	135	136		17.74				
100	PI2 BPSK	270	0		17.68		18.7	0.0	
100	QPSK	1	1		17.75				
100	QPSK	1	137		17.70				
100	QPSK	1	271		17.68		18.7	0.0	
100	QPSK	135	0		17.70				
100	QPSK	135	69		17.73				
100	QPSK	135	135		17.70		18.7	0.0	
100	QPSK	270	0		17.70				
100	16QAM	1	1		17.70				
100	64QAM	1	1		17.66		18.7	0.0	
100	256QAM	1	1		17.68				
Channel				633000	633332	633666			
Frequency (MHz)				3499	3499.98	3504.99			
90	QPSK	1	1	17.70	17.72	17.66	18.7	0.0	
Channel				632668	633332	634000	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	17.71	17.67	17.66	18.7	0.0	
Channel				632334	633332	634332	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3485.01	3499.98	3514.98			
70	QPSK	1	1	17.71	17.67	17.74	18.7	0.0	
Channel				632000	633332	634666	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	17.72	17.68	17.74	18.7	0.0	
Channel				631668	633332	635000	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	17.72	17.73	17.69	18.7	0.0	
Channel				631334	633332	635332	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	17.72	17.68	17.71	18.7	0.0	
Channel				631000	633332	635666	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	17.74	17.72	17.68	18.7	0.0	
Channel				630668	633332	636000	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	17.67	17.66	17.68	18.7	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI2 BPSK	1	1	17.09	17.09	17.07		
100	PI2 BPSK	1	137	17.08	17.11	17.11	18.7	0.0
100	PI2 BPSK	1	271	17.09	17.11	17.08		
100	PI2 BPSK	135	0	17.16	17.10	17.07	18.7	0.0
100	PI2 BPSK	135	69	17.15	17.14	17.11	18.7	0.0
100	PI2 BPSK	135	135	17.12	17.16	17.07		
100	PI2 BPSK	270	0	17.14	17.10	17.10	18.7	0.0
100	QPSK	1	1	17.20	17.24	17.17		
100	QPSK	1	137	17.12	17.21	17.08	18.7	0.0
100	QPSK	1	271	17.11	17.17	17.15		
100	QPSK	135	0	17.08	17.09	17.13		
100	QPSK	135	69	17.17	17.19	17.15	18.7	0.0
100	QPSK	135	135	17.11	17.07	17.06		
100	QPSK	270	0	17.10	17.15	17.07	18.7	0.0
100	MSAM	1	1	17.16	17.14	17.06	18.7	0.0
100	MSAM	1	1	17.15	17.14	17.12	18.7	0.0
100	256QAM	1	1	17.11	17.12	17.13	18.7	0.0
Channel				649668	656000	662332	Tune-up limit (dB)	MPR
Frequency (MHz)				3743.02	3840	3934.98		
90	QPSK	1	1	17.12	17.09	17.09	18.7	0.0
Channel				649334	656000	662666	Tune-up limit (dB)	MPR
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.09	17.09	17.07	18.7	0.0
Channel				649000	656000	662900	Tune-up limit (dB)	MPR
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.15	17.14	17.07	18.7	0.0
Channel				648668	656000	663332	Tune-up limit (dB)	MPR
Frequency (MHz)				3731.02	3840	3943.98		
60	QPSK	1	1	17.09	17.09	17.12	18.7	0.0
Channel				648334	656000	663666	Tune-up limit (dB)	MPR
Frequency (MHz)				3728.01	3840	3954.99		
50	QPSK	1	1	17.09	17.07	17.09	18.7	0.0
Channel				648000	656000	664000	Tune-up limit (dB)	MPR
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.15	17.13	17.11	18.7	0.0
Channel				647668	656000	664332	Tune-up limit (dB)	MPR
Frequency (MHz)				3716.02	3840	3964.98		
30	QPSK	1	1	17.08	17.11	17.09	18.7	0.0
Channel				647334	656000	664666	Tune-up limit (dB)	MPR
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.12	17.07	17.13	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					633332				
Frequency (MHz)					3469.68				
100	PI2 BPSK	1	1		17.69				
100	PI2 BPSK	1	137		17.69		18.7	0.0	
100	PI2 BPSK	1	271		17.73				
100	PI2 BPSK	135	0		17.69		18.7	0.0	
100	PI2 BPSK	135	69		17.66		18.7	0.0	
100	PI2 BPSK	135	135		17.74		18.7	0.0	
100	PI2 BPSK	270	0		17.69		18.7	0.0	
100	QPSK	1	1		17.75				
100	QPSK	1	137		17.70		18.7	0.0	
100	QPSK	1	271		17.68				
100	QPSK	135	0		17.70		18.7	0.0	
100	QPSK	135	69		17.73		18.7	0.0	
100	QPSK	135	135		17.70				
100	QPSK	270	0		17.70		18.7	0.0	
100	16QAM	1	1		17.70		18.7	0.0	
100	64QAM	1	1		17.66		18.7	0.0	
100	256QAM	1	1		17.68		18.7	0.0	
Channel				633000	633332	633666	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3469	3469.68	3474.98			
90	QPSK	1	1		17.70	17.72	17.66	18.7	0.0
Channel				632668	633332	634000	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3460.02	3469.68	3510			
80	QPSK	1	1		17.71	17.67	17.66	18.7	0.0
Channel				632334	633332	634332	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3455.01	3469.68	3514.98			
70	QPSK	1	1		17.71	17.67	17.74	18.7	0.0
Channel				632000	633332	634666	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3450	3469.68	3519.99			
60	QPSK	1	1		17.72	17.68	17.74	18.7	0.0
Channel				631668	633332	635000	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3475.02	3469.68	3525			
50	QPSK	1	1		17.72	17.73	17.69	18.7	0.0
Channel				631334	633332	635332	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3470.01	3469.68	3529.98			
40	QPSK	1	1		17.72	17.68	17.71	18.7	0.0
Channel				631000	633332	635666	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3465	3469.68	3534.99			
30	QPSK	1	1		17.74	17.72	17.68	18.7	0.0
Channel				630668	633332	636000	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3460.02	3469.68	3540			
20	QPSK	1	1		17.67	17.66	17.68	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI2 BPSK	1	1	17.96	18.02	18.02		
100	PI2 BPSK	1	137	17.07	18.06	18.04	19.2	0.0
100	PI2 BPSK	1	271	17.96	18.05	18.06		
100	PI2 BPSK	135	0	17.96	18.05	18.04	19.2	0.0
100	PI2 BPSK	135	69	17.90	18.04	18.03		
100	PI2 BPSK	135	135	17.95	18.06	18.07		
100	PI2 BPSK	270	0	17.91	18.04	18.02	19.2	0.0
100	QPSK	1	1	18.08	18.16	18.14		
100	QPSK	1	137	18.07	18.12	18.13	19.2	0.0
100	QPSK	1	271	18.06	18.08	18.07		
100	QPSK	135	0	17.93	18.04	18.07		
100	QPSK	135	69	17.99	18.11	18.10	19.2	0.0
100	QPSK	135	135	17.95	18.10	18.04		
100	QPSK	270	0	17.90	18.10	18.06	19.2	0.0
100	64QAM	1	1	17.95	18.10	18.06	19.2	0.0
100	64QAM	1	1	17.95	18.05	18.03	19.2	0.0
100	256QAM	1	1	17.94	18.05	18.07	19.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.90	18.00	18.00	19.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.83	18.07	18.07	19.2	0.0
Channel				648999	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.91	18.08	18.07	19.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3940.98		
60	QPSK	1	1	17.95	18.02	18.05	19.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3945.99		
50	QPSK	1	1	17.90	18.02	18.07	19.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.88	18.10	18.01	19.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3954.98		
30	QPSK	1	1	17.95	18.07	18.04	19.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.94	18.09	18.07	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3469.68			
100	PI2 BPSK	1	1		18.12			
100	PI2 BPSK	1	137		18.11		19.2	0.0
100	PI2 BPSK	1	271		18.06			
100	PI2 BPSK	135	0		18.06		19.2	0.0
100	PI2 BPSK	135	69		18.07		19.2	0.0
100	PI2 BPSK	135	135		18.09		18.7	0.5
100	PI2 BPSK	270	0		18.12			
100	QPSK	1	1		18.16			
100	QPSK	1	137		18.14		19.2	0.0
100	QPSK	1	271		18.12			
100	QPSK	135	0		18.14			
100	QPSK	135	69		18.15		19.2	0.0
100	QPSK	135	135		18.08			
100	QPSK	270	0		18.08		18.2	1.0
100	64QAM	1	1		18.06		18.2	1.0
100	64QAM	1	1		18.12		16.7	2.5
100	256QAM	1	1		18.07		14.7	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3469	3469.68	3469.99		
90	QPSK	1	1		18.02	18.08	17.99	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3469.68	3510		
80	QPSK	1	1		18.02	18.10	17.93	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3469.68	3514.98		
70	QPSK	1	1		18.01	18.06	17.97	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450	3469.68	3518.99		
60	QPSK	1	1		18.05	18.06	17.91	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3469.68	3525		
50	QPSK	1	1		18.05	18.13	17.98	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3469.68	3529.98		
40	QPSK	1	1		18.00	18.13	17.95	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3469.68	3534.99		
30	QPSK	1	1		18.00	18.19	17.96	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3469.68	3540		
20	QPSK	1	1		17.99	18.08	17.92	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI2 BPSK	1	1	17.96	18.02	18.02		
100	PI2 BPSK	1	137	17.07	18.06	18.04	19.2	0.0
100	PI2 BPSK	1	271	17.96	18.05	18.06		
100	PI2 BPSK	135	0	17.96	18.05	18.04	19.2	0.0
100	PI2 BPSK	135	69	17.90	18.04	18.03	19.2	0.0
100	PI2 BPSK	135	135	17.95	18.06	18.07		
100	PI2 BPSK	270	0	17.91	18.04	18.02	19.2	0.0
100	QPSK	1	1	18.08	18.16	18.14		
100	QPSK	1	137	18.07	18.12	18.13	19.2	0.0
100	QPSK	1	271	18.06	18.08	18.07		
100	QPSK	135	0	17.93	18.04	18.07		
100	QPSK	135	69	17.99	18.11	18.10	19.2	0.0
100	QPSK	135	135	17.95	18.10	18.04		
100	QPSK	270	0	17.90	18.10	18.06	19.2	0.0
100	64QAM	1	1	17.95	18.10	18.06	19.2	0.0
100	64QAM	1	1	17.95	18.05	18.03	19.2	0.0
100	256QAM	1	1	17.94	18.05	18.07	19.2	0.0
Channel				649668	656000	662332	Tune-up limit (dB)	MPR
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.90	18.00	18.00	19.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.93	18.07	18.07	19.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.91	18.08	18.07	19.2	0.0
Channel				648668	656000	663332	Tune-up limit (dB)	MPR
Frequency (MHz)				3730.02	3840	3943.98		
60	QPSK	1	1	17.95	18.02	18.05	19.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR
Frequency (MHz)				3725.01	3840	3949.99		
50	QPSK	1	1	17.90	18.02	18.07	19.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR
Frequency (MHz)				3720	3840	3950		
40	QPSK	1	1	17.88	18.10	18.01	19.2	0.0
Channel				647668	656000	664332	Tune-up limit (dB)	MPR
Frequency (MHz)				3715.02	3840.00	3954.98		
30	QPSK	1	1	17.95	18.07	18.04	19.2	0.0
Channel				647334	656000	664666	Tune-up limit (dB)	MPR
Frequency (MHz)				3710.01	3840	3959.99		
20	QPSK	1	1	17.94	18.09	18.07	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633332	633666		
Frequency (MHz)					3499.88			
100	PI2 BPSK	1	1		18.12			
100	PI2 BPSK	1	137		18.11		19.2	0.0
100	PI2 BPSK	1	271		18.06			
100	PI2 BPSK	135	0		18.06		19.7	0.5
100	PI2 BPSK	135	69		18.07		19.2	0.0
100	PI2 BPSK	135	135		18.09		18.7	0.5
100	PI2 BPSK	270	0		18.12			
100	QPSK	1	1		18.16			
100	QPSK	1	137		18.14		19.2	0.0
100	QPSK	1	271		18.12			
100	QPSK	135	0		18.14			
100	QPSK	135	69		18.15		19.2	0.0
100	QPSK	135	135		18.08			
100	QPSK	270	0		18.08		18.2	1.0
100	64QAM	1	1		18.06		18.2	1.0
100	64QAM	1	1		18.12		16.7	2.5
100	256QAM	1	1		18.07		14.7	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR
Frequency (MHz)				3499	3499.88	3500.99		
90	QPSK	1	1		18.02	18.08	17.99	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR
Frequency (MHz)				3490.02	3499.88	3510		
80	QPSK	1	1		18.02	18.10	17.93	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1		18.01	18.06	17.97	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR
Frequency (MHz)				3480	3499.88	3518.99		
60	QPSK	1	1		18.05	18.06	17.91	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR
Frequency (MHz)				3475.02	3499.88	3525		
50	QPSK	1	1		18.05	18.13	17.98	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1		18.00	18.13	17.95	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR
Frequency (MHz)				3465	3499.88	3534.99		
30	QPSK	1	1		18.00	18.19	17.96	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR
Frequency (MHz)				3460.02	3499.88	3540		
20	QPSK	1	1		17.99	18.08	17.92	0.0



Reduced Power for DSI6/11

Par270 n77(PC2)_FCC_ANT 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	19.60	19.66	19.69	20.7	0.0	
100	PI2 BPSK	1	137	19.59	19.60	19.60			
100	PI2 BPSK	1	271	19.58	19.67	19.65			
100	PI2 BPSK	135	0	19.56	19.68	19.64			
100	PI2 BPSK	135	69	19.63	19.66	19.65	20.7	0.0	
100	PI2 BPSK	135	135	19.59	19.67	19.69	20.7	0.0	
100	PI2 BPSK	270	0	19.60	19.66	19.64			
100	QPSK	1	1	19.65	19.72	19.68	20.7	0.0	
100	QPSK	1	137	19.57	19.64	19.61			
100	QPSK	1	271	19.61	19.68	19.69			
100	QPSK	135	0	19.60	19.67	19.61			
100	QPSK	135	69	19.64	19.69	19.67	20.7	0.0	
100	QPSK	135	135	19.61	19.63	19.59	20.7	0.0	
100	QPSK	270	0	19.59	19.68	19.69			
100	MSAM	1	1	19.55	19.66	19.69	20.7	0.0	
100	MSAM	1	1	19.58	19.62	19.62	20.7	0.0	
100	256QAM	1	1	19.56	19.62	19.59	20.7	0.0	
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1	19.62	19.64	19.63	20.7	0.0	
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1	19.63	19.62	19.60	20.7	0.0	
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	19.55	19.65	19.68	20.7	0.0	
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3943.98			
60	QPSK	1	1	19.61	19.68	19.66	20.7	0.0	
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1	19.57	19.67	19.63	20.7	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3950			
40	QPSK	1	1	19.60	19.64	19.63	20.7	0.0	
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3954.98			
30	QPSK	1	1	19.63	19.61	19.63	20.7	0.0	
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1	19.63	19.67	19.60	20.7	0.0	

Par27Q n77(PC2)_FCC_ANT 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633000	633332	633666			
Frequency (MHz)				3495.68					
100	PI2 BPSK	1	1	19.75			20.7	0.0	
100	PI2 BPSK	1	137	19.75					
100	PI2 BPSK	1	271	19.71					
100	PI2 BPSK	135	0	19.75					
100	PI2 BPSK	135	69	19.67			20.7	0.0	
100	PI2 BPSK	135	135	19.75			20.7	0.0	
100	PI2 BPSK	270	0	19.75					
100	QPSK	1	1	19.76			20.7	0.0	
100	QPSK	1	137	19.75					
100	QPSK	1	271	19.68					
100	QPSK	135	0	19.68					
100	QPSK	135	69	19.70			20.7	0.0	
100	QPSK	135	135	19.65			20.7	0.0	
100	QPSK	270	0	19.68					
100	MSAM	1	1	19.66			20.7	0.0	
100	MSAM	1	1	19.66			20.7	0.0	
100	256QAM	1	1	19.69			20.7	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.68	3504.32			
90	QPSK	1	1	19.64	19.66	19.67	20.7	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.68	3510			
80	QPSK	1	1	19.56	19.57	19.61	20.7	0.0	
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3499.68	3514.98			
70	QPSK	1	1	19.62	19.62	19.62	20.7	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.68	3519.99			
60	QPSK	1	1	19.62	19.63	19.61	20.7	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.68	3525			
50	QPSK	1	1	19.59	19.59	19.62	20.7	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.68	3529.98			
40	QPSK	1	1	19.60	19.62	19.62	20.7	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.68	3534.32			
30	QPSK	1	1	19.63	19.59	19.59	20.7	0.0	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.68	3540			
20	QPSK	1	1	19.57	19.62	19.61	20.7	0.0	

Par270 n77(PC3)_FCC_ANT 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	P12 BPSK	1	1	19.60	19.66	19.60	20.7	0.0	
100	P12 BPSK	1	137	19.59	19.60	19.60			
100	P12 BPSK	1	271	19.58	19.67	19.65			
100	P12 BPSK	135	0	19.56	19.68	19.64			
100	P12 BPSK	135	69	19.63	19.66	19.58	20.7	0.0	
100	P12 BPSK	135	135	19.59	19.67	19.59	20.7	0.0	
100	P12 BPSK	270	0	19.60	19.66	19.64			
100	QPSK	1	1	19.65	19.72	19.68	20.7	0.0	
100	QPSK	1	137	19.57	19.64	19.61			
100	QPSK	1	271	19.61	19.68	19.60			
100	QPSK	135	0	19.60	19.67	19.61			
100	QPSK	135	69	19.64	19.69	19.67	20.7	0.0	
100	QPSK	135	135	19.61	19.63	19.59	20.7	0.0	
100	QPSK	270	0	19.59	19.68	19.59			
100	16QAM	1	1	19.55	19.66	19.60	20.7	0.0	
100	64QAM	1	1	19.58	19.62	19.62	20.7	0.0	
100	256QAM	1	1	19.56	19.62	19.59	20.7	0.0	
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98			
90	QPSK	1	1	19.62	19.64	19.63	20.7	0.0	
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99			
80	QPSK	1	1	19.63	19.62	19.60	20.7	0.0	
Channel				649000	656000	662992	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	19.55	19.65	19.66	20.7	0.0	
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3943.98			
60	QPSK	1	1	19.61	19.66	19.65	20.7	0.0	
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99			
50	QPSK	1	1	19.57	19.67	19.63	20.7	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	19.60	19.64	19.63	20.7	0.0	
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.98			
30	QPSK	1	1	19.63	19.61	19.63	20.7	0.0	
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99			
20	QPSK	1	1	19.63	19.67	19.60	20.7	0.0	

Par27Q n77(PC3)_FCC_ANT 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633000	633332	633666			
Frequency (MHz)				3495.58					
100	P12 BPSK	1	1	19.75			20.7	0.0	
100	P12 BPSK	1	137	19.75					
100	P12 BPSK	1	271	19.71					
100	P12 BPSK	135	0	19.75					
100	P12 BPSK	135	69	19.67			20.7	0.0	
100	P12 BPSK	135	135	19.75			20.7	0.0	
100	P12 BPSK	270	0	19.75					
100	QPSK	1	1	19.76			20.7	0.0	
100	QPSK	1	137	19.75					
100	QPSK	1	271	19.68					
100	QPSK	135	0	19.68					
100	QPSK	135	69	19.70			20.7	0.0	
100	QPSK	135	135	19.65			20.7	0.0	
100	QPSK	270	0	19.68					
100	16QAM	1	1	19.66			20.7	0.0	
100	64QAM	1	1	19.66			20.7	0.0	
100	256QAM	1	1	19.69			20.7	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	19.64	19.66	19.67	20.7	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	19.56	19.57	19.61	20.7	0.0	
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3499.98	3514.98			
70	QPSK	1	1	19.62	19.62	19.62	20.7	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	19.62	19.63	19.61	20.7	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	19.59	19.59	19.62	20.7	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	19.60	19.62	19.62	20.7	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	19.63	19.59	19.59	20.7	0.0	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	19.57	19.62	19.61	20.7	0.0	

Par27O n77(PC2)_FCC_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Main Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI2 BPSK	1	1	18.50	18.58	18.55		
100	PI2 BPSK	1	137	18.52	18.54	18.52	19.7	0.0
100	PI2 BPSK	1	271	18.49	18.58	18.55		
100	PI2 BPSK	135	0	18.50	18.65	18.60	19.7	0.0
100	PI2 BPSK	135	69	18.56	18.58	18.60	19.7	0.0
100	PI2 BPSK	138	138	18.52	18.63	18.61		
100	PI2 BPSK	270	0	18.49	18.66	18.59	19.7	0.0
100	QPSK	1	1	18.63	18.72	18.69		
100	QPSK	1	137	18.59	18.70	18.62	19.7	0.0
100	QPSK	1	271	18.60	18.70	18.68		
100	QPSK	135	0	18.49	18.64	18.57		
100	QPSK	135	69	18.58	18.67	18.62	19.7	0.0
100	QPSK	138	138	18.51	18.60	18.61		
100	QPSK	270	0	18.57	18.68	18.63	19.7	0.0
100	16QAM	1	1	18.55	18.66	18.57	19.7	0.0
100	64QAM	1	1	18.51	18.62	18.57	19.7	0.0
100	256QAM	1	1	18.57	18.62	18.54	19.7	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.52	18.60	18.55	19.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.50	18.60	18.58	19.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.52	18.64	18.59	19.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3943.98		
60	QPSK	1	1	18.52	18.66	18.57	19.7	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.57	18.64	18.56	19.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.56	18.63	18.59	19.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.99		
30	QPSK	1	1	18.56	18.64	18.53	19.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.52	18.64	18.56	19.7	0.0

Par27Q n77(PC2)_FCC_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Main Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633332	633666		
Frequency (MHz)				3495.58				
100	PI2 BPSK	1	1		18.59			
100	PI2 BPSK	1	137		18.60		19.7	0.0
100	PI2 BPSK	1	271		18.60			
100	PI2 BPSK	135	0		18.62		19.7	0.0
100	PI2 BPSK	135	69		18.65		19.7	0.0
100	PI2 BPSK	138	138		18.57		19.7	0.0
100	PI2 BPSK	270	0		18.64			
100	QPSK	1	1		18.68			
100	QPSK	1	137		18.60		19.7	0.0
100	QPSK	1	271		18.61			
100	QPSK	135	0		18.60			
100	QPSK	135	69		18.66		19.7	0.0
100	QPSK	138	138		18.63			
100	QPSK	270	0		18.59		19.7	0.0
100	16QAM	1	1		18.57		19.7	0.0
100	64QAM	1	1		18.58		19.7	0.0
100	256QAM	1	1		18.63		19.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.51	18.50	18.52	19.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.50	18.57	18.56	19.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.58	18.51	18.53	19.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.52	18.50	18.49	19.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.54	18.50	18.52	19.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.57	18.53	18.49	19.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.52	18.49	18.56	19.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.51	18.56	18.49	19.7	0.0

Par27O n77(PC3)_FCC_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI2 BPSK	1	1	18.50	18.58	18.55		
100	PI2 BPSK	1	137	18.52	18.54	18.59	19.7	0.0
100	PI2 BPSK	1	271	18.49	18.58	18.55		
100	PI2 BPSK	135	0	18.50	18.65	18.60	19.7	0.0
100	PI2 BPSK	135	69	18.56	18.58	18.60	19.7	0.0
100	PI2 BPSK	135	135	18.52	18.63	18.61		
100	PI2 BPSK	270	0	18.49	18.66	18.59	19.7	0.0
100	QPSK	1	1	18.63	18.72	18.69		
100	QPSK	1	137	18.59	18.70	18.62	19.7	0.0
100	QPSK	1	271	18.60	18.70	18.68		
100	QPSK	135	0	18.49	18.54	18.57		
100	QPSK	135	69	18.58	18.67	18.62	19.7	0.0
100	QPSK	135	135	18.51	18.60	18.61		
100	QPSK	270	0	18.57	18.68	18.63	19.7	0.0
100	MSAM	1	1	18.55	18.56	18.57	19.7	0.0
100	MSAM	1	1	18.51	18.62	18.57	19.7	0.0
100	256QAM	1	1	18.57	18.62	18.54	19.7	0.0
Channel				649668	656000	662332	Tune-up limit (dB)	MPR
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.52	18.60	18.55	19.7	0.0
Channel				649334	656000	662666	Tune-up limit (dB)	MPR
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.50	18.60	18.58	19.7	0.0
Channel				649000	656000	663000	Tune-up limit (dB)	MPR
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.52	18.64	18.59	19.7	0.0
Channel				648668	656000	663332	Tune-up limit (dB)	MPR
Frequency (MHz)				3730.02	3840	3940.98		
60	QPSK	1	1	18.52	18.66	18.57	19.7	0.0
Channel				648334	656000	663666	Tune-up limit (dB)	MPR
Frequency (MHz)				3725.01	3840	3945.99		
50	QPSK	1	1	18.57	18.64	18.56	19.7	0.0
Channel				648000	656000	664000	Tune-up limit (dB)	MPR
Frequency (MHz)				3720	3840	3950		
40	QPSK	1	1	18.56	18.63	18.59	19.7	0.0
Channel				647668	656000	664332	Tune-up limit (dB)	MPR
Frequency (MHz)				3715.02	3840	3954.98		
30	QPSK	1	1	18.56	18.54	18.53	19.7	0.0
Channel				647334	656000	664666	Tune-up limit (dB)	MPR
Frequency (MHz)				3710.01	3840	3959.99		
20	QPSK	1	1	18.52	18.64	18.56	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.58			
100	PI2 BPSK	1	1		18.59			
100	PI2 BPSK	1	137		18.60		19.7	0.0
100	PI2 BPSK	1	271		18.60			
100	PI2 BPSK	135	0		18.62		19.7	0.0
100	PI2 BPSK	135	69		18.65		19.7	0.0
100	PI2 BPSK	135	135		18.57		19.7	0.0
100	PI2 BPSK	270	0		18.64			
100	QPSK	1	1		18.68			
100	QPSK	1	137		18.60		19.7	0.0
100	QPSK	1	271		18.61			
100	QPSK	135	0		18.60			
100	QPSK	135	69		18.66		19.7	0.0
100	QPSK	135	135		18.63			
100	QPSK	270	0		18.59		19.7	0.0
100	MSAM	1	1		18.57		19.7	0.0
100	MSAM	1	1		18.58		19.7	0.0
100	256QAM	1	1		18.63		19.7	0.0
Channel				633000	633332	633666	Tune-up limit (dB)	MPR
Frequency (MHz)				3495	3499.58	3504.58		
90	QPSK	1	1	18.51	18.50	18.52	19.7	0.0
Channel				632668	633332	634000	Tune-up limit (dB)	MPR
Frequency (MHz)				3490.02	3499.58	3510		
80	QPSK	1	1	18.50	18.57	18.56	19.7	0.0
Channel				632334	633332	634332	Tune-up limit (dB)	MPR
Frequency (MHz)				3485.01	3499.58	3514.98		
70	QPSK	1	1	18.58	18.51	18.53	19.7	0.0
Channel				632000	633332	634666	Tune-up limit (dB)	MPR
Frequency (MHz)				3480	3499.58	3519.98		
60	QPSK	1	1	18.52	18.50	18.49	19.7	0.0
Channel				631668	633332	635000	Tune-up limit (dB)	MPR
Frequency (MHz)				3475.02	3499.58	3525		
50	QPSK	1	1	18.54	18.50	18.52	19.7	0.0
Channel				631334	633332	635332	Tune-up limit (dB)	MPR
Frequency (MHz)				3470.01	3499.58	3529.98		
40	QPSK	1	1	18.57	18.53	18.49	19.7	0.0
Channel				631000	633332	635666	Tune-up limit (dB)	MPR
Frequency (MHz)				3465	3499.58	3534.98		
30	QPSK	1	1	18.52	18.49	18.56	19.7	0.0
Channel				630668	633332	636000	Tune-up limit (dB)	MPR
Frequency (MHz)				3460.02	3499.58	3540		
20	QPSK	1	1	18.51	18.56	18.49	19.7	0.0

2.4GHz WLAN					Full Power						Duty Cycle %
	Mode	Channel	Frequency (MHz)	RU Config	Ant 4		Ant 7		Ant 4+7		
					Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	Full	19.06	20.96	19.88	20.96	22.90	23.96	97.06
		6	2437	Full	19.01	20.96	19.33	20.96	22.18	23.96	
		11	2462	Full	18.68	20.96	18.95	20.96	21.63	23.96	
	802.11g 6Mbps	1	2412	Full	16.52	18.96	16.57	18.96	19.47	21.96	99.53
		6	2437	Full	17.06	18.96	17.17	18.96	20.13	21.96	
		11	2462	Full	16.09	17.99	16.28	17.99	19.15	20.96	
	802.11n-HT20 MCS0	1	2412	Full	17.07	18.96	17.16	18.96	20.12	21.96	99.53
		6	2437	Full	17.10	18.96	17.18	18.96	20.15	21.96	
		11	2462	Full	15.54	17.99	15.80	17.99	19.68	20.96	
	802.11n-HT40 MCS0	3	2422	Full	16.30	17.99	16.63	17.99	19.48	20.96	99.63
		6	2437	Full	16.60	18.96	16.54	18.96	19.98	21.96	
		9	2452	Full	15.26	16.96	15.45	16.96	18.37	19.96	
	802.11ac-VHT20 MCS0	1	2412	Full	17.05	18.96	17.11	18.96	20.09	21.96	99.63
		6	2437	Full	17.07	18.96	17.14	18.96	20.12	21.96	
		11	2462	Full	15.50	17.99	15.79	17.99	18.66	20.96	
	802.11ac-VHT40 MCS0	3	2422	Full	16.27	17.99	16.58	17.99	19.44	20.96	99.63
		6	2437	Full	16.54	18.96	16.50	18.96	19.53	21.96	
		9	2452	Full	15.20	16.96	15.39	16.96	18.31	19.96	
	802.11ax-HE20 MCS0	1	2412	Full	17.25	18.96	17.36	18.96	20.32	21.96	99.45
				26/0	7.06	8.96	6.58	8.96	9.84	11.96	
				52/37	9.50	11.96	9.95	11.96	12.74	14.96	
				106/53	13.43	14.96	13.96	14.96	16.51	17.96	
		6	2437	Full	17.30	18.96	17.37	18.96	20.35	21.96	
				Full	15.65	17.99	15.87	17.99	18.77	20.96	
				26/8	7.34	8.96	7.40	8.96	10.38	11.96	
				52/40	9.71	11.96	10.56	11.96	13.17	14.96	
				106/54	13.50	14.96	13.99	14.96	16.76	17.96	
		11	2462	Full	16.44	17.99	16.68	17.99	19.57	20.96	
				242/51	14.19	15.96	14.30	15.96	17.26	18.96	
	802.11ax-HE40 MCS0	3	2422	Full	16.76	18.96	16.71	18.96	19.75	21.96	99.64
				Full	15.35	16.96	15.61	16.96	16.49	18.96	
				242/61	14.25	15.96	14.54	15.96	17.41	19.96	

5.2GHz WLAN					Full Power						Duty Cycle %																																																																																																																																																																																																																																																																																																																																																																																																					
Mode	Channel	Frequency (MHz)	RU Config	Ant 8		Ant 9		Ant 8+9																																																																																																																																																																																																																																																																																																																																																																																																								
				Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit																																																																																																																																																																																																																																																																																																																																																																																																							
802.11a 6Mbps	36	5180	Full	15.56	17.99	15.62	17.99	18.60	20.96	99.05																																																																																																																																																																																																																																																																																																																																																																																																						
	40	5200	Full	15.50	17.99	15.53	17.99	18.53	20.96																																																																																																																																																																																																																																																																																																																																																																																																							
	44	5220	Full	15.54	17.99	15.55	17.99	18.56	20.96																																																																																																																																																																																																																																																																																																																																																																																																							
802.11n-HT20 MCS0	48	5240	Full	15.52	17.99	15.59	17.99	18.57	20.96	99.82																																																																																																																																																																																																																																																																																																																																																																																																						
	36	5180	Full	17.03	19.99	17.20	19.99	20.13	22.99																																																																																																																																																																																																																																																																																																																																																																																																							
	40	5200	Full	17.09	19.99	17.16	19.99	20.14	22.99																																																																																																																																																																																																																																																																																																																																																																																																							
802.11n-HT40 MCS0	44	5220	Full	17.06	19.99	17.03	19.99	20.06	22.99	99.51																																																																																																																																																																																																																																																																																																																																																																																																						
	48	5240	Full	17.22	19.99	17.09	19.99	20.17	22.99																																																																																																																																																																																																																																																																																																																																																																																																							
	38	5190	Full	15.10	17.99	15.19	17.99	18.16	20.96																																																																																																																																																																																																																																																																																																																																																																																																							
802.11ac-VHT20 MCS0	46	5230	Full	17.29	19.99	17.38	19.99	20.35	22.99	99.63																																																																																																																																																																																																																																																																																																																																																																																																						
	36	5180	Full	17.01	19.99	17.16	19.99	20.10	22.99																																																																																																																																																																																																																																																																																																																																																																																																							
	40	5200	Full	17.04	19.99	17.11	19.99	20.09	22.99																																																																																																																																																																																																																																																																																																																																																																																																							
802.11ac-VHT40 MCS0	44	5220	Full	17.04	19.99	17.01	19.99	20.04	22.99	99.51																																																																																																																																																																																																																																																																																																																																																																																																						
	48	5240	Full	17.15	19.99	17.07	19.99	20.12	22.99																																																																																																																																																																																																																																																																																																																																																																																																							
	38	5190	Full	15.06	17.99	15.13	17.99	18.11	20.96																																																																																																																																																																																																																																																																																																																																																																																																							
5.2GHz WLAN	802.11ac-VHT80 MCS0	46	5230	Full	17.27	19.99	17.33	19.99	20.31	22.99	99.06																																																																																																																																																																																																																																																																																																																																																																																																					
		42	5210	Full	14.50	16.50	14.81	16.50	17.67	19.50																																																																																																																																																																																																																																																																																																																																																																																																						
	802.11ax-HE20 MCS0	36	5180	Full	17.18	19.99	17.35	19.99	20.28	22.99	99.82																																																																																																																																																																																																																																																																																																																																																																																																					
				26/0	6.46	7.99	5.89	7.99	9.10	10.99																																																																																																																																																																																																																																																																																																																																																																																																						
				52/37	9.21	11.99	9.46	11.99	12.35	14.99																																																																																																																																																																																																																																																																																																																																																																																																						
				106/53	12.41	14.99	12.91	14.99	15.68	17.99																																																																																																																																																																																																																																																																																																																																																																																																						
		40	5200	Full	17.13	19.99	17.24	19.99	20.20	22.99																																																																																																																																																																																																																																																																																																																																																																																																						
				Full	17.13	19.99	17.16	19.99	20.16	22.99																																																																																																																																																																																																																																																																																																																																																																																																						
				Full	17.32	19.99	17.24	19.99	20.29	22.99																																																																																																																																																																																																																																																																																																																																																																																																						
				26/8	6.32	7.99	6.45	7.99	9.40	10.99																																																																																																																																																																																																																																																																																																																																																																																																						
		48	5240	52/40	9.27	11.99	9.55	11.99	12.42	14.99																																																																																																																																																																																																																																																																																																																																																																																																						
106/54				12.74	14.99	13.06	14.99	15.91	17.99																																																																																																																																																																																																																																																																																																																																																																																																							
802.11ax-HE40 MCS0	38	5190	Full	15.17	17.99	15.35	17.99	18.27	20.99																																																																																																																																																																																																																																																																																																																																																																																																							
			242/51	14.05	16.99	14.38	16.99	17.23	19.99																																																																																																																																																																																																																																																																																																																																																																																																							
			Full	17.40	19.99	17.49	19.99	20.46	22.99																																																																																																																																																																																																																																																																																																																																																																																																							
802.11ax-HE80 MCS0	42	5210	242/82	15.78	17.99	16.23	17.99	19.02	20.99																																																																																																																																																																																																																																																																																																																																																																																																							
			Full	14.61	16.99	14.91	16.99	17.77	19.99																																																																																																																																																																																																																																																																																																																																																																																																							
			484/65	14.72	16.99	14.47	16.99	17.61	19.99																																																																																																																																																																																																																																																																																																																																																																																																							

5.3GHz WLAN				Full Power							Duty Cycle %	
Mode	Channel	Frequency (MHz)	RU Config	Ant 8		Ant 9		Ant 8+9				
				Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit			
5.3GHz WLAN	802.11a 6Mbps	52	5260	Full	17.26	19.96	17.39	19.96	20.34	22.96	99.05	
		56	5280	Full	17.18	19.96	17.26	19.96	20.23	22.96		
		60	5300	Full	17.16	19.96	17.25	19.96	20.25	22.96		
	802.11n-HT20 MCS0	64	5320	Full	17.43	19.96	17.34	19.96	20.40	22.96	99.82	
		52	5260	Full	17.19	19.96	17.35	19.96	20.28	22.96		
		56	5280	Full	17.18	19.96	17.32	19.96	20.26	22.96		
	802.11n-HT40 MCS0	60	5300	Full	17.17	19.96	17.18	19.96	20.19	22.96	99.51	
		64	5320	Full	17.35	19.96	17.27	19.96	20.32	22.96		
		54	5270	Full	17.20	19.96	17.52	19.96	20.37	22.96		
	802.11ac-VHT20 MCS0	62	5310	Full	16.74	18.96	16.85	18.96	19.81	21.96	99.63	
		52	5260	Full	17.14	19.96	17.29	19.96	20.23	22.96		
		56	5280	Full	17.12	19.96	17.24	19.96	20.19	22.96		
	802.11ac-VHT40 MCS0	60	5300	Full	17.09	19.96	17.16	19.96	20.14	22.96	99.51	
		64	5320	Full	17.30	19.96	17.17	19.96	20.25	22.96		
		54	5270	Full	17.14	19.96	17.45	19.96	20.31	22.96		
	802.11ac-VHT80 MCS0	62	5310	Full	16.65	18.96	16.77	18.96	19.72	21.96	99.06	
		58	5290	Full	15.10	17.96	15.53	17.96	18.33	20.96		
		50	5250	Full	14.59	16.96	14.48	16.96	17.55	19.96		
	5.3GHz WLAN	802.11ax-VHT160 MCS0	52	5260	Full	17.30	19.96	17.46	19.96	20.39	22.96	99.07
					26/0	7.19	8.96	7.50	8.96	10.36	11.96	
					52/37	10.28	11.96	10.76	11.96	13.54	14.96	
			56	5280	Full	17.30	19.96	17.46	19.96	20.39	22.96	
					26/0	7.24	8.96	7.43	8.96	10.35	11.96	
					52/40	10.14	11.96	10.73	11.96	13.46	14.96	
802.11ax-HE20 MCS0		64	5320	Full	17.31	19.96	17.43	19.96	20.48	22.96	99.82	
				106/54	13.71	15.96	14.05	15.96	16.89	18.96		
				Full	17.31	19.96	17.63	19.96	20.48	22.96		
		54	5270	242/61	17.11	19.96	17.44	19.96	20.29	22.96		
				Full	17.00	18.96	17.03	18.96	20.03	21.96		
				242/62	15.28	17.96	15.34	17.96	18.32	20.96		
802.11ax-HE40 MCS0		62	5310	Full	15.17	17.96	15.56	17.96	18.38	20.96	99.86	
				484/95	15.39	17.96	15.31	17.96	16.42	20.96		
				484/96	15.70	17.96	15.73	17.96	16.74	20.96		
		58	5290	Full	14.56	16.96	14.5	16.96	17.55	19.96		
				996/97	13.27	15.96	13.25	15.96	16.27	18.96		
				996/98	13.83	15.96	13.63	15.96	16.74	18.96		

5.5GHz WLAN					Full Power						Duty Cycle %			
	Mode	Channel	Frequency (MHz)	RU Config	Ant 8		Ant 9		Ant 8+9					
					Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit				
5.5GHz WLAN	802.11a 6Mbps	100	5500	Full	17.42	19.00	17.28	19.00	20.36	22.00	99.05			
		116	5580	Full	17.22	19.00	17.34	19.00	20.29	22.00				
		124	5620	Full	17.11	19.00	17.27	19.00	20.20	22.00				
		132	5660	Full	17.14	19.00	17.14	19.00	20.19	22.00				
	802.11n-HT20 MCS0	140	5700	Full	17.09	19.00	17.36	19.00	20.24	22.00	99.82			
		100	5500	Full	17.34	19.00	17.22	19.00	20.29	22.00				
		116	5580	Full	17.13	19.00	17.25	19.00	20.20	22.00				
		124	5620	Full	17.13	19.00	17.21	19.00	20.18	22.00				
	802.11n-HT40 MCS0	132	5660	Full	17.06	19.00	17.30	19.00	20.19	22.00	99.51			
		140	5700	Full	17.13	19.00	17.28	19.00	20.22	22.00				
		100	5500	Full	17.14	19.00	17.32	19.00	20.24	22.00				
		110	5550	Full	17.30	19.00	17.18	19.00	20.25	22.00				
	802.11ac-VHT20 MCS0	126	5630	Full	17.12	19.00	17.23	19.00	20.19	22.00	99.63			
		134	5670	Full	17.08	19.00	17.32	19.00	20.21	22.00				
		100	5500	Full	17.29	19.00	17.20	19.00	20.26	22.00				
		116	5580	Full	17.11	19.00	17.18	19.00	20.16	22.00				
	802.11ac-VHT40 MCS0	124	5620	Full	17.08	19.00	17.14	19.00	20.12	22.00	99.51			
		132	5660	Full	17.00	19.00	17.21	19.00	20.12	22.00				
		140	5700	Full	17.11	19.00	17.23	19.00	20.18	22.00				
		102	5510	Full	17.08	19.00	17.30	19.00	20.20	22.00				
	802.11ac-VHT80 MCS0	110	5550	Full	17.24	19.00	17.13	19.00	20.20	22.00	99.06			
		126	5630	Full	17.05	19.00	17.16	19.00	20.12	22.00				
		134	5670	Full	17.05	19.00	17.27	19.00	20.17	22.00				
		108	5630	Full	17.51	19.00	17.29	19.00	20.41	22.00				
	802.11ac-VHT160 MCS0	122	5610	Full	17.49	19.00	17.59	19.00	20.55	22.00	99.07			
		114	5670	Full	16.05	17.50	16.12	17.50	19.10	20.50				
	5.5GHz WLAN	802.11ax-HE20 MCS0	100	5500	Full	17.49	19.00	17.33	19.00	20.42	22.00	99.82		
					26/0	7.03	8.00	7.29	8.00	10.17	11.00			
					52/37	10.15	11.00	10.70	11.00	13.44	14.00			
					106/53	13.87	15.00	13.29	15.00	16.49	18.00			
			116	5580	Full	17.23	19.00	17.40	19.00	20.33	22.00			
					124	5620	Full	17.17	19.00	17.27	19.00		20.23	22.00
					132	5660	Full	17.13	19.00	17.36	19.00		20.26	22.00
					Full	17.20	19.00	17.40	19.00	20.31	22.00			
			140	5700	26/8	6.80	8.00	7.53	8.00	10.19	11.00			
					52/40	9.99	11.00	10.84	11.00	13.45	14.00			
					106/54	13.36	15.00	13.99	15.00	16.70	18.00			
					Full	17.25	19.00	17.43	19.00	20.35	22.00			
		802.11ax-HE40 MCS0	102	5510	242/61	14.20	16.00	14.00	16.00	17.16	19.00	99.38		
					Full	17.41	19.00	17.29	19.00	20.36	22.00			
					126	5630	Full	17.24	19.00	17.31	19.00		20.29	22.00
					134	5670	Full	17.19	19.00	17.43	19.00		20.32	22.00
		802.11ax-HE80 MCS0	106	5530	242/82	16.33	18.00	16.85	18.00	19.61	21.00	99.86		
					Full	17.55	19.00	17.54	19.00	20.56	22.00			
					484/85	14.52	16.00	14.40	16.00	17.47	19.00			
					Full	17.75	19.00	17.66	19.00	20.72	22.00			
		802.11ax-HE160 MCS0	114	5570	484/66	17.33	19.00	17.49	19.00	20.42	22.00	99.08		
					Full	16.10	17.60	16.21	17.60	19.17	20.50			
					996/97	13.59	15.00	13.55	15.00	16.58	18.00			
					996/97	13.43	15.00	13.92	15.00	16.69	18.00			

5.8GHz WLAN					Full Power						Duty Cycle %
					Ant 8		Ant 9		Ant 8+9		
Mode	Channel	Frequency (MHz)	RU Config	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
5.8GHz WLAN	802.11a 6Mbps	149	5745	Full	17.26	19.00	17.53	19.00	20.41	22.00	99.05
		157	5785	Full	17.18	19.00	17.42	19.00	20.31	22.00	
		165	5825	Full	17.24	19.00	17.55	19.00	20.41	22.00	
	802.11n-HT20 MCS0	149	5745	Full	17.22	19.00	17.42	19.00	20.39	22.00	99.82
		157	5785	Full	17.15	19.00	17.30	19.00	20.24	22.00	
		165	5825	Full	17.09	19.00	17.51	19.00	20.32	22.00	
	802.11n-HT40 MCS0	151	5755	Full	17.28	19.00	17.29	19.00	20.30	22.00	99.51
		159	5795	Full	17.33	19.00	17.54	19.00	20.45	22.00	
		149	5745	Full	17.20	19.00	17.36	19.00	20.29	22.00	
	802.11ac-VHT20 MCS0	157	5785	Full	17.13	19.00	17.26	19.00	20.21	22.00	99.63
		165	5825	Full	17.07	19.00	17.45	19.00	20.27	22.00	
	802.11ac-VHT40 MCS0	151	5755	Full	17.20	19.00	17.24	19.00	20.23	22.00	99.51
		159	5795	Full	17.26	19.00	17.50	19.00	20.39	22.00	
	802.11ac-VHT80 MCS0	155	5775	Full	17.38	19.00	17.52	19.00	20.46	22.00	99.06
		149	5745	Full	17.26	19.00	17.54	19.00	20.41	22.00	
	26/0			6.93	8.00	7.28	8.00	10.12	11.00		
	52/37			9.76	11.00	10.37	11.00	13.09	14.00		
	802.11ax-HE20 MCS0			106/53	13.38	15.00	13.70	15.00	16.55	18.00	
	802.11ax-HE20 MCS0	157	5785	Full	17.19	19.00	17.51	19.00	20.36	22.00	99.82
				Full	17.28	19.00	17.61	19.00	20.46	22.00	
				26/8	6.56	8.00	7.42	8.00	10.02	11.00	
		802.11ax-HE40 MCS0	151	5755	52/40	9.64	11.00	10.79	11.00	13.26	14.00
	106/54				13.06	15.00	13.96	15.00	16.54	18.00	
	Full				17.39	19.00	17.40	19.00	20.41	22.00	
	242/81				16.67	17.00	16.77	17.00	19.73	20.00	
	802.11ax-HE40 MCS0	159	5795	Full	17.44	19.00	17.65	19.00	20.56	22.00	99.38
				242/81	16.08	17.00	16.97	17.00	19.66	20.00	
				Full	17.52	19.00	17.63	19.00	20.59	22.00	
		802.11ax-HE80 MCS0	155	5775	484/65	17.19	19.00	17.14	19.00	20.18	22.00
	484/66				16.76	18.00	17.24	18.00	20.02	21.00	



2.4GHz WLAN					At Head Reduced Power Level 1 (Standalone WLAN)						Duty Cycle %	
	Mode	Channel	Frequency (MHz)	RU Config	Ant-6		Ant-7		Ant-4+7			
					Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit		
2.4GHz WLAN	802.11b-1Mbps	1	2412	Full	15.85	16.50	16.43	16.50	15.11	16.50	97.06	
		6	2437	Full	15.85	16.50	15.85	16.50	15.69	16.50		
		11	2462	Full	15.45	16.50	15.08	16.50	15.18	16.50		
	802.11g-6Mbps	1	2412	Full	15.91	16.50	15.56	16.50	15.55	16.50	99.53	
		6	2437	Full	15.50	16.50	15.54	16.50	15.53	16.50		
		11	2462	Full	15.48	16.50	15.48	16.50	15.49	16.50		
	802.11n-HT20 MCS0	1	2412	Full		16.50		16.50		16.50	99.53	
		6	2437	Full		16.50		16.50		16.50		
		11	2462	Full		16.50		16.50		16.50		
	802.11n-HT40 MCS0	3	2422	Full		16.50		16.50		16.50	99.63	
		6	2437	Full		16.50		16.50		16.50		
		9	2452	Full		16.50		16.50		16.50		
	802.11ac-VHT20 MCS0	1	2412	Full		16.50		16.50		16.50	99.63	
		6	2437	Full		16.50		16.50		16.50		
		11	2462	Full		16.50		16.50		16.50		
	802.11ac-VHT40 MCS0	3	2422	Full		16.50		16.50		16.50	99.63	
		6	2437	Full		16.50		16.50		16.50		
		9	2452	Full		16.50		16.50		16.50		
	2.4GHz WLAN	802.11a-1Mbps			Full	Not Required	8.50	Not Required	8.50	Not Required	11.50	99.45
				280			8.50		8.50		11.50	
				52/37			11.50		11.50		14.50	
		802.11a-HE20 MCS0			105/53		14.50		14.50		17.50	99.45
			6	2437	Full		16.50		16.50		16.50	
					Full		16.50		16.50		16.50	
802.11a-HE40 MCS0		11	2462	28/8		8.50		8.50		11.50	99.45	
				52/40		11.50		11.50		14.50		
				105/54		14.50		14.50		17.50		
802.11ac-HE40 MCS0		3	2422	Full		16.50		16.50		16.50	99.64	
				24/261		15.50		15.50		15.50		
		6	2437	Full		16.50		16.50		16.50		
802.11ac-HE40 MCS0	9	2452	Full		16.50		16.50		16.50	99.64		
			24/261		15.50		15.50		15.50			
			Full		16.50		16.50		16.50			

2.4GHz WLAN					At Head Reduced Power Level 2 (Simultaneous WLAN+WLAN+4G)						Duty Cycle %	
	Mode	Channel	Frequency (MHz)	RU Config	Ant 6		Ant 7		Ant 4+7			
					Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit		
2.4GHz WLAN	802.11b-1Mbps	1	2412	Full	12.10	13.50	12.91	13.50	15.05	16.50	97.06	
		6	2437	Full	12.05	13.50	12.34	13.50	15.21	16.50		
		11	2462	Full	11.71	13.50	11.60	13.50	14.72	16.50		
	802.11g-6Mbps	1	2412	Full		13.50		13.50		16.50	99.53	
		6	2437	Full		13.50		13.50		16.50		
		11	2462	Full		13.50		13.50		16.50		
	802.11n-HT20 MCS0	1	2412	Full		13.50		13.50		16.50	99.53	
		6	2437	Full		13.50		13.50		16.50		
		11	2462	Full		13.50		13.50		16.50		
	802.11n-HT40 MCS0	3	2422	Full		13.50		13.50		16.50	99.63	
		6	2437	Full		13.50		13.50		16.50		
		9	2452	Full		13.50		13.50		16.50		
	802.11ac-VHT20 MCS0	1	2412	Full		13.50		13.50		16.50	99.63	
		6	2437	Full		13.50		13.50		16.50		
		11	2462	Full		13.50		13.50		16.50		
	802.11ac-VHT40 MCS0	3	2422	Full		13.50		13.50		16.50	99.63	
		6	2437	Full		13.50		13.50		16.50		
		9	2452	Full		13.50		13.50		16.50		
	2.4GHz WLAN	802.11ax-HE20 MCS0			Full		13.50		13.50		16.50	99.45
			1	2412	28/0		8.50		8.50		11.50	
					52/37		11.50		11.50		14.50	
			6	2437	Full		13.50		13.50		16.50	99.45
					105/53		13.50		13.50		16.50	
					32/40		13.50		13.50		16.50	
802.11ax-HE40 MCS0		11	2462	Full		13.50		13.50		16.50	99.45	
				26/8		8.50		8.50		11.50		
				105/54		13.50		13.50		16.50		
802.11ax-HE80 MCS0		3	2422	Full		13.50		13.50		16.50	99.64	
		6	2437	Full		13.50		13.50		16.50		
		9	2452	Full		13.50		13.50		16.50		
802.11ax-HE160 MCS0	6	2437	Full		13.50		13.50		16.50	99.64		
	9	2452	Full		13.50		13.50		16.50			



5 GHz WLAN				At Head Reduced Power Level 1 (Standalone WLAN)						Duty Cycle %
Mode	Channel	Frequency (MHz)	RU Config	Ant 8		Ant 9		Ant 8+9		
				Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	
802.11a 8Mbps		100	5500	Full	18.50		18.50		21.50	99.05
		116	5580	Full	18.50		18.50		21.50	
		132	5660	Full	18.50		18.50		21.50	
		148	5740	Full	18.50		18.50		21.50	
		164	5820	Full	18.50		18.50		21.50	
	802.11a-HT20 MCS9	100	5500	Full	18.50		18.50		21.50	99.82
		116	5580	Full	18.50		18.50		21.50	
		132	5660	Full	18.50		18.50		21.50	
		148	5740	Full	18.50		18.50		21.50	
		164	5820	Full	18.50		18.50		21.50	
	802.11a-HT40 MCS9	102	5510	Full	18.50		18.50		21.50	99.51
		110	5550	Full	Not Required		Not Required		Not Required	
		126	5630	Full	18.50		18.50		21.50	
		134	5670	Full	18.50		18.50		21.50	
		150	5750	Full	18.50		18.50		21.50	
802.11a-VHT20 MCS9	116	5580	Full	18.50		18.50		21.50	99.63	
	124	5620	Full	18.50		18.50		21.50		
	132	5660	Full	18.50		18.50		21.50		
	140	5700	Full	18.50		18.50		21.50		
	148	5800	Full	18.50		18.50		21.50		
802.11a-VHT40 MCS9	110	5550	Full	18.50		18.50		21.50	99.51	
	126	5630	Full	18.50		18.50		21.50		
	134	5670	Full	18.50		18.50		21.50		
	150	5750	Full	18.50		18.50		21.50		
	166	5830	Full	18.50		18.50		21.50		
5 GHz WLAN	802.11a-VHT80 MCS9	106	5530	Full	17.04	16.81	18.50	19.95	21.50	99.06
		122	5610	Full	16.92	17.05	18.50	20.10	21.50	
		138	5690	Full	17.80		17.80		21.50	
		154	5770	Full	18.50		18.50		21.50	
		170	5850	Full	18.50		18.50		21.50	
	802.11a-VHT160 MCS9	100	5500	Full	18.50		18.50		21.50	99.07
		116	5580	Full	18.50		18.50		21.50	
		132	5660	Full	18.50		18.50		21.50	
		148	5740	Full	18.50		18.50		21.50	
		164	5820	Full	18.50		18.50		21.50	
	802.11a-HE20 MCS9	102	5510	Full	18.50		18.50		21.50	99.82
		110	5550	Full	18.50		18.50		21.50	
		126	5630	Full	18.50		18.50		21.50	
		134	5670	Full	18.50		18.50		21.50	
		150	5750	Full	18.50		18.50		21.50	
802.11a-HE40 MCS9	102	5510	Full	18.50		18.50		21.50	99.38	
	110	5550	Full	18.50		18.50		21.50		
	126	5630	Full	18.50		18.50		21.50		
	134	5670	Full	18.50		18.50		21.50		
	150	5750	Full	18.50		18.50		21.50		
802.11a-HE80 MCS9	106	5530	Full	18.50		18.50		21.50	98.86	
	122	5610	Full	18.50		18.50		21.50		
	138	5690	Full	18.50		18.50		21.50		
	154	5770	Full	18.50		18.50		21.50		
	170	5850	Full	18.50		18.50		21.50		
802.11a-HE160 MCS9	114	5570	99/9/7	18.50		18.50		21.50	99.08	
	130	5650	99/9/6/7	18.50		18.50		21.50		
	146	5730	99/9/6/7	18.50		18.50		21.50		
	162	5810	99/9/6/7	18.50		18.50		21.50		
	178	5890	99/9/6/7	18.50		18.50		21.50		

S.8GHz WLAN				At Head Reduced Power Level 1 (Standalone WLAN)						Duty Cycle %		
Mode	Channel	Frequency (MHz)	RU Config	Ant 8		Ant 9		Ant 8+9				
				Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit			
802.11a 8Mbps	149	5745	Full	Not Required	18.50	16.50	19.50	99.05				
	157	5785	Full		18.50	16.50	19.50					
	165	5825	Full		18.50	16.50	19.50					
	149	5745	Full		18.50	16.50	19.50					
	157	5785	Full		18.50	16.50	19.50					
	165	5825	Full		18.50	16.50	19.50					
	151	5755	Full		18.50	16.50	19.50					
	159	5795	Full		18.50	16.50	19.50					
	149	5745	Full		18.50	16.50	19.50					
	157	5785	Full		18.50	16.50	19.50					
	165	5825	Full		18.50	16.50	19.50					
	151	5755	Full		18.50	16.50	19.50					
	159	5795	Full		18.50	16.50	19.50					
	149	5745	Full		18.50	16.50	19.50					
	157	5785	Full		18.50	16.50	19.50					
	165	5825	Full		18.50	16.50	19.50					
	151	5755	Full		18.50	16.50	19.50					
	802.11a-VHT40 MCS9	159	5795		Full	18.50	16.50		19.50	99.51		
802.11a-VHT20 MCS9	155	5775	Full	Not Required	18.50	16.50	19.50	99.63				
	149	5745	Full		18.50	16.50	19.50					
	157	5785	Full		18.50	16.50	19.50					
	165	5825	Full		18.50	16.50	19.50					
	151	5755	Full		18.50	16.50	19.50					
	159	5795	Full		18.50	16.50	19.50					
	149	5745	Full		18.50	16.50	19.50					
	157	5785	Full		18.50	16.50	19.50					
	165	5825	Full		18.50	16.50	19.50					
	151	5755	Full		18.50	16.50	19.50					
	159	5795	Full		18.50	16.50	19.50					
	149	5745	Full		18.50	16.50	19.50					
	157	5785	Full		18.50	16.50	19.50					
	165	5825	Full		18.50	16.50	19.50					
	151	5755	Full		18.50	16.50	19.50					
	159	5795	Full		18.50	16.50	19.50					
	802.11a-VHT80 MCS9	155	5775		Full	14.90	16.50		15.08	18.01	19.50	99.06
	802.11a-HE20 MCS9	149	5745		Full	Not Required	18.50		16.50	19.50	99.82	
2600		Full	18.50	16.50	19.50							
5207		Full	18.50	16.50	19.50							
10653		Full	18.50	16.50	19.50							
157		5785	Full	18.50	16.50		19.50					
165		5825	Full	18.50	16.50		19.50					
151		5755	Full	18.50	16.50		19.50					
159		5795	Full	18.50	16.50		19.50					
149		5745	Full	18.50	16.50		19.50					
157		5785	Full	18.50	16.50		19.50					
165		5825	Full	18.50	16.50		19.50					
151		5755	Full	18.50	16.50		19.50					
159		5795	Full	18.50	16.50		19.50					
149		5745	Full	18.50	16.50		19.50					
157		5785	Full	18.50	16.50		19.50					
165		5825	Full	18.50	16.50		19.50					
802.11a-HE40 MCS9		151	5755	Full	18.50		16.50	19.50	99.38			
802.11a-HE80 MCS9		159	5795	Full	Not Required		18.50	16.50	19.50	98.86		
	149	5745	Full	18.50		16.50	19.50					
	157	5785	Full	18.50		16.50	19.50					
	165	5825	Full	18.50		16.50	19.50					
	151	5755	Full	18.50		16.50	19.50					
	159	5795	Full	18.50		16.50	19.50					
	149	5745	Full	18.50		16.50	19.50					
	157	5785	Full	18.50		16.50	19.50					
	165	5825	Full	18.50		16.50	19.50					
	151	5755	Full	18.50		16.50	19.50					
	159	5795	Full	18.50		16.50	19.50					
	149	5745	Full	18.50		16.50	19.50					
	157	5785	Full	18.50		16.50	19.50					
	165	5825	Full	18.50		16.50	19.50					
	151	5755	Full	18.50		16.50	19.50					
	159	5795	Full	18.50		16.50	19.50					

2.4GHz WLAN				At Heat Reduced Power Level 3 (Simultaneous WWAN+WLAN2 4G+eWLAN5G+G)								Duty Cycle %
				A1:4		A1:7		A1:17				
Mode	Channel	Frequency (MHz)	RU Config	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit			
2.4GHz WLAN	802.11b 1Mbps	1	2412	Fu1	9.44	10.50	9.92	10.50	12.80	13.50	97.06	
		6	2437	Fu1	9.32	10.50	9.80	10.50	12.50	13.50		
		11	2462	Fu1	8.95	10.50	8.58	10.50	12.10	13.50		
	802.11g 6Mbps	1	2412	Fu1		10.50		10.50		13.50	99.53	
		6	2437	Fu1		10.50		10.50		13.50		
		11	2462	Fu1		10.50		10.50		13.50		
	802.11n-HT20 MCS0	1	2412	Fu1		10.50		10.50		13.50	99.53	
		6	2437	Fu1		10.50		10.50		13.50		
		11	2462	Fu1		10.50		10.50		13.50		
	802.11n-HT40 MCS0	1	2412	Fu1		10.50		10.50		13.50	99.63	
		6	2437	Fu1		10.50		10.50		13.50		
		11	2462	Fu1		10.50		10.50		13.50		
	802.11ac-VHT20 MCS0	1	2412	Fu1		10.50		10.50		13.50	99.63	
		6	2437	Fu1		10.50		10.50		13.50		
		11	2462	Fu1		10.50		10.50		13.50		
	802.11ac-VHT40 MCS0	1	2412	Fu1		10.50		10.50		13.50	99.63	
		6	2437	Fu1		10.50		10.50		13.50		
		9	2452	Fu1		10.50		10.50		13.50		
	802.11ax-HE20 MCS0	1	2412		Fu1		10.50		10.50		13.50	99.45
				260		8.50		8.50		11.50		
				52/37		10.50		10.50		13.50		
		6	2437	106/53		10.50		10.50		13.50		
				106/54		10.50		10.50		13.50		
				20/8		8.50		8.50		11.50		
11		2462	52/40		10.50		10.50		13.50			
			106/54		10.50		10.50		13.50			
			24/21		10.50		10.50		13.50			
3		2422	24/21		10.50		10.50		13.50			
			24/21		10.50		10.50		13.50			
			24/21		10.50		10.50		13.50			
802.11ax-HE40 MCS0	9	2452		Fu1		10.50		10.50		13.50	99.64	
			24/21		10.50		10.50		13.50			

5.2GHz WLAN				At Heat Reduced Power Level 3 (Simultaneous WWAN+WLAN2 4G+eWLAN5G+G)								Duty Cycle %
				A1:8		A1:9		A1:9-G				
Mode	Channel	Frequency (MHz)	RU Config	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit			
5.2GHz WLAN	802.11a 6Mbps	36	5180	Fu1		10.50		10.50		13.50	99.05	
		40	5200	Fu1		10.50		10.50		13.50		
		44	5220	Fu1		10.50		10.50		13.50		
		48	5240	Fu1		10.50		10.50		13.50		
		36	5180	Fu1		10.50		10.50		13.50		
		40	5200	Fu1		10.50		10.50		13.50		
	802.11n-HT20 MCS0	44	5220	Fu1		10.50		10.50		13.50	99.82	
		48	5240	Fu1		10.50		10.50		13.50		
	802.11n-HT40 MCS0	38	5190	Fu1	Not Required	10.50	Not Required	10.50	Not Required	13.50	99.51	
		46	5230	Fu1		10.50		10.50		13.50		
	802.11ac-VHT20 MCS0	36	5180	Fu1		10.50		10.50		13.50	99.63	
		40	5200	Fu1		10.50		10.50		13.50		
		44	5220	Fu1		10.50		10.50		13.50		
		48	5240	Fu1		10.50		10.50		13.50		
	802.11ac-VHT40 MCS0	38	5190	Fu1		10.50		10.50		13.50	99.51	
		46	5230	Fu1		10.50		10.50		13.50		
	802.11ac-VHT80 MCS0	42	5210	Fu1	8.62	10.50	8.90	10.50	11.74	13.50	99.08	
	5.2GHz WLAN	802.11a 6Mbps			Fu1		10.50		10.50		13.50	99.82
					2650		7.60		7.60		10.50	
					52/27		10.50		10.50		13.50	
					100/53		10.50		10.50		13.50	
					40	5200	Fu1		10.50		10.50	
					44	5220	Fu1		10.50		10.50	
		802.11n-HT20 MCS0			Fu1		10.50		10.50		13.50	99.82
				3658		7.60		7.60		10.50		
				52/40		10.50		10.50		13.50		
				100/54		10.50		10.50		13.50		
802.11a+HE40 MCS0		38	5190	Fu1		10.50		10.50		13.50	99.38	
				24/2161		10.50		10.50		13.50		
802.11a+HE80 MCS0		46	5230	Fu1		10.50		10.50		13.50	99.86	
				24/2092		10.50		10.50		13.50		
802.11a+HE80 MCS0				Fu1		10.50		10.50		13.50	99.86	
				48/4/65		10.50		10.50		13.50		
802.11a+HE80 MCS0		42	5210	48/4/66		10.50		10.50		13.50		

5.9GHz WLAN				At Heat Reduced Power Level 3 (Simultaneous WWAN+WLAN2 4G+eWLAN5G+G)								Duty Cycle %
				A1:8		A1:9		A1:9:5				
Mode	Channel	Frequency (MHz)	RU Config	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit			
5.9GHz WLAN	802.11a 6Mbps	52	5260	Fu1	10.50	10.50	10.50	13.50	99.05			
		56	5280	Fu1	10.50	10.50	10.50	13.50				
		60	5300	Fu1	10.50	10.50	10.50	13.50				
	802.11n-HT20 MCS0	52	5260	Fu1	10.50	10.50	10.50	13.50	99.82			
		56	5280	Fu1	10.50	10.50	10.50	13.50				
		60	5300	Fu1	10.50	10.50	10.50	13.50				
	802.11n-HT40 MCS0	52	5260	Fu1	10.50	10.50	10.50	13.50	99.51			
		56	5280	Fu1	10.50	10.50	10.50	13.50				
		60	5300	Fu1	10.50	10.50	10.50	13.50				
	802.11ac-VHT20 MCS0	52	5260	Fu1	10.50	10.50	10.50	13.50	99.63			
		56	5280	Fu1	10.50	10.50	10.50	13.50				
		60	5300	Fu1	10.50	10.50	10.50	13.50				
	802.11ac-VHT40 MCS0	52	5260	Fu1	10.50	10.50	10.50	13.50	99.51			
		56	5280	Fu1	10.50	10.50	10.50	13.50				
		60	5300	Fu1	10.50	10.50	10.50	13.50				
	802.11ax-HE20 MCS0	52	5260	Fu1	9.02	10.50	9.52	10.50	12.00	13.50	99.06	
		56	5280	Fu1	10.50	10.50	10.50	13.50	13.50	99.07		
		60	5300	Fu1	10.50	10.50	10.50	13.50	13.50	99.07		
	802.11ax-HE40 MCS0	52	5260	Fu1	10.50	10.50	10.50	13.50	99.82			
		56	5280	Fu1	10.50	10.50	10.50	13.50				
		60	5300	Fu1	10.50	10.50	10.50	13.50				
	802.11ax-HE80 MCS0	52	5260	Fu1	10.50	10.50	10.50	13.50	99.38			
		56	5280	Fu1	10.50	10.50	10.50	13.50				
		60	5300	Fu1	10.50	10.50	10.50	13.50				
802.11ax-HE160 MCS0	52	5260	Fu1	10.50	10.50	10.50	13.50	99.86				
	56	5280	Fu1	10.50	10.50	10.50	13.50					
	60	5300	Fu1	10.50	10.50	10.50	13.50					
802.11ax-HE160 MCS0	52	5260	Fu1	10.50	10.50	10.50	13.50	99.08				
	56	5280	Fu1	10.50	10.50	10.50	13.50					
	60	5300	Fu1	10.50	10.50	10.50	13.50					



5.8GHz WLAN				At Heat Reduced Power Level 3 (Simultaneous WWAN+WLAN2.4GHz+WLAN5GHz)						Duty Cycle %	
				Art 8		Art 9		Art 9-9			
Mode	Channel	Frequency (MHz)	RU Config	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit		
5.8GHz WLAN	802.11a 6Mbps	90	5500	FuL	Not Required	12.00	Not Required	12.00	15.00	99.05	
		116	5580	FuL		12.00		12.00	15.00		
		124	5620	FuL		12.00		12.00	15.00		
		132	5660	FuL		12.00		12.00	15.00		
		140	5700	FuL		12.00		12.00	15.00		
	802.11a-HT20 MCS0	90	5500	FuL		12.00		12.00	15.00	99.82	
		116	5580	FuL		12.00		12.00	15.00		
		124	5620	FuL		12.00		12.00	15.00		
		132	5660	FuL		12.00		12.00	15.00		
		140	5700	FuL		12.00		12.00	15.00		
	802.11a-VHT20 MCS0	102	5510	FuL		12.00		12.00	15.00	99.51	
		110	5550	FuL		12.00		12.00	15.00		
		126	5630	FuL		12.00		12.00	15.00		
		134	5670	FuL		12.00		12.00	15.00		
		150	5760	FuL		12.00		12.00	15.00		
	802.11ac-VHT20 MCS0	116	5580	FuL		12.00		12.00	15.00	99.63	
		124	5620	FuL		12.00		12.00	15.00		
		132	5660	FuL		12.00		12.00	15.00		
		140	5700	FuL		12.00		12.00	15.00		
		150	5760	FuL		12.00		12.00	15.00		
	802.11ac-VHT40 MCS0	102	5510	FuL		12.00		12.00	15.00	99.51	
		110	5550	FuL		12.00		12.00	15.00		
		126	5630	FuL		12.00		12.00	15.00		
		134	5670	FuL		12.00		12.00	15.00		
		156	5830	FuL		12.00		12.00	15.00		
	802.11ac-VHT80 MCS0	106	5530	FuL		12.00		12.00	15.00	99.06	
		122	5610	FuL		12.00		12.00	15.00		
		114	5570	FuL		10.58	10.69	13.66	15.00		
		802.11ax-VHT160 MCS0	5700	26.0		12.00	12.00	15.00			
				26.0		8.00	8.00	11.00			
				27.7		11.00	11.00	14.00			
				106/53		12.00	12.00	15.00			
				FuL		12.00	12.00	15.00			
				FuL		12.00	12.00	15.00			
				8.00		8.00	8.00	11.00			
				52/40		11.00	11.00	14.00			
				106/54		12.00	12.00	15.00			
				FuL		12.00	12.00	15.00			
	802.11ax-HE20 MCS0	102	5510	242/61		Not Required	Not Required	Not Required	15.00	99.38	
		110	5550	FuL					12.00		15.00
		126	5630	FuL					12.00		15.00
		134	5670	242/62					12.00		15.00
		156	5830	FuL					12.00		15.00
	802.11ax-HE40 MCS0	106	5530	484/65		12.00	12.00	15.00	98.86		
		122	5610	484/65		12.00	12.00	15.00			
		114	5570	FuL		12.00	12.00	15.00			
		996/67	12.00	12.00		15.00					
		996/67	12.00	12.00		15.00					

5.8GHz WLAN				At Heat Reduced Power Level 3 (Simultaneous WWAN+WLAN2.4GHz+WLAN5GHz)						Duty Cycle %	
				Art 8		Art 9		Art 9-9			
Mode	Channel	Frequency (MHz)	RU Config	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit		
5.8GHz WLAN	802.11a 6Mbps	149	5745	FuL	Not Required	11.00	11.00	11.00	14.00	99.05	
		157	5785	FuL		11.00	11.00	11.00	14.00		
		165	5825	FuL		11.00	11.00	11.00	14.00		
		149	5745	FuL		11.00	11.00	11.00	14.00		
		157	5785	FuL		11.00	11.00	11.00	14.00		
	802.11a-HT20 MCS0	149	5745	FuL		11.00	11.00	11.00	14.00	99.82	
		157	5785	FuL		11.00	11.00	11.00	14.00		
		165	5825	FuL		11.00	11.00	11.00	14.00		
		151	5755	FuL		11.00	11.00	11.00	14.00		
		159	5795	FuL		11.00	11.00	11.00	14.00		
	802.11a-VHT40 MCS0	149	5745	FuL		11.00	11.00	11.00	14.00	99.51	
		157	5785	FuL		11.00	11.00	11.00	14.00		
		165	5825	FuL		11.00	11.00	11.00	14.00		
		151	5755	FuL		11.00	11.00	11.00	14.00		
		159	5795	FuL		11.00	11.00	11.00	14.00		
	802.11ac-VHT40 MCS0	149	5745	FuL		11.00	11.00	11.00	14.00	99.63	
		157	5785	FuL		11.00	11.00	11.00	14.00		
		165	5825	FuL		11.00	11.00	11.00	14.00		
		151	5755	FuL		11.00	11.00	11.00	14.00		
		159	5795	FuL		11.00	11.00	11.00	14.00		
	802.11ac-VHT40 MCS0	151	5755	FuL		11.00	11.00	11.00	14.00	99.51	
		159	5795	FuL		11.00	11.00	11.00	14.00		
		155	5775	FuL		9.42	9.55	11.00	12.54		99.06
		802.11ax-WT40 MCS0	5745	26.0		11.00	11.00	11.00	14.00		99.06
				26.0		8.00	8.00	11.00			
	52/37			11.00		11.00	11.00	14.00			
	106/53			11.00		11.00	11.00	14.00			
	FuL			11.00		11.00	11.00	14.00			
	FuL			11.00		11.00	11.00	14.00			
	26.0			8.00		8.00	11.00				
	52/40			11.00		11.00	11.00	14.00			
	106/54			11.00		11.00	11.00	14.00			
	FuL			11.00		11.00	11.00	14.00			
	802.11ax-HE20 MCS0	5745	26.0	11.00		11.00	11.00	14.00	99.82		
26.0			8.00	8.00	11.00						
52/37			11.00	11.00	11.00	14.00					
106/53			11.00	11.00	11.00	14.00					
FuL			11.00	11.00	11.00	14.00					
FuL			11.00	11.00	11.00	14.00					
26.0			8.00	8.00	11.00						
52/40			11.00	11.00	11.00	14.00					
106/54			11.00	11.00	11.00	14.00					
FuL			11.00	11.00	11.00	14.00					
802.11ax-HE40 MCS0			151	5755	242/61	11.00	11.00	11.00		14.00	99.38
	159	5795	FuL	11.00	11.00	11.00	14.00				
			FuL	11.00	11.00	11.00	14.00				
			FuL	11.00	11.00	11.00	14.00				
	155	5775	484/65	11.00	11.00	11.00	14.00				
802.11ax-HE80 MCS0	155	5775	484/65	11.00	11.00	11.00	14.00	98.86			
			484/65	11.00	11.00	11.00	14.00				
			484/65	11.00	11.00	11.00	14.00				

2.4GHz WLAN				only Reduced power Level 2/3 (Simultaneous WWAN+WLAN 2.4GHz+WWAN+WLAN 4GHz+WLAN 5G)							Duty Cycle %
				Ant 4		Ant 7		Ant 4+7			
	Mode	Channel	Frequency (MHz)	RU Config	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	Full	17.09	18.99	17.91	18.99	20.52	21.99	97.06
		6	2437	Full	17.06	18.99	17.36	18.99	20.16	21.99	
		11	2462	Full	16.73	18.99	16.58	18.99	19.58	21.99	
	802.11g 6Mbps	1	2412	Full		18.99		18.99		21.99	99.53
		6	2437	Full		18.99		18.99		21.99	
		11	2462	Full		17.99		17.99		20.99	
	802.11n-HT20 MCS0	1	2412	Full		18.99		18.99		21.99	99.53
		6	2437	Full		18.99		18.99		21.99	
		11	2462	Full		17.99		17.99		20.99	
	802.11n-HT40 MCS0	3	2422	Full		17.99		17.99		20.99	99.63
		6	2437	Full		18.99		18.99		21.99	
		9	2452	Full		16.99		16.99		19.99	
	802.11ac-VHT20 MCS0	1	2412	Full		18.99		18.99		21.99	99.63
		6	2437	Full		18.99		18.99		21.99	
		11	2462	Full		17.99		17.99		20.99	
	802.11ac-VHT40 MCS0	3	2422	Full		17.99		17.99		20.99	99.63
		6	2437	Full		18.99		18.99		21.99	
		9	2452	Full		16.99		16.99		19.99	
	802.11ax-HE20 MCS0	1	2412	Full	Not Required		Not Required		Not Required		99.45
				26/0		8.99		8.99		11.99	
				52/37		11.99		11.99		14.99	
				106/53		14.99		14.99		17.99	
		6	2437	Full		18.99		18.99		21.99	
				Full		17.99		17.99		20.99	
		11	2462	26/8		8.99		8.99		11.99	
				52/40		11.99		11.99		14.99	
				106/54		14.99		14.99		17.99	
				Full		17.99		17.99		20.99	
	802.11ax-HE40 MCS0	3	2422	242/61		16.99		16.99		18.99	99.64
		6	2437	Full		18.99		18.99		21.99	
		9	2452	Full		16.99		16.99		19.99	
				242/61		15.99		15.99		18.99	

5.2GHz WLAN					Body Reduced Power Level 2/3 (Simultaneous WWAN+WLAN5GHz+WWAN+WLAN 4GHz+WLAN5G)						Duty Cycle %
					Ant 8		Ant 9		Ant 8+9		
Mode	Channel	Frequency (MHz)	RU Config		Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	
802.11a 6Mbps	36	5180	Full		15.00		15.00		15.00	18.00	99.05
	40	5200	Full		15.00		15.00		18.00		
	44	5220	Full		15.00		15.00		18.00		
802.11n-HT20 MCS0	48	5240	Full		15.00		15.00		15.00	18.00	99.82
	36	5180	Full		15.00		15.00		18.00		
	40	5200	Full		15.00		15.00		18.00		
802.11n-HT40 MCS0	44	5220	Full	Not Required	15.00		15.00		15.00	18.00	99.51
	48	5240	Full	15.00		15.00		18.00			
	38	5180	Full	15.00		15.00		18.00			
802.11ac-VHT20 MCS0	40	5200	Full		15.00		15.00		15.00	18.00	99.63
	44	5220	Full		15.00		15.00		18.00		
	48	5240	Full		15.00		15.00		18.00		
802.11ac-VHT40 MCS0	38	5190	Full		15.00		15.00		15.00	18.00	99.51
	46	5230	Full		15.00		15.00		18.00		
	802.11ac-VHT80 MCS0	42	5210		Full	13.05	15.00	13.33	15.00	16.20	
802.11ax-HE20 MCS0	36	5180	Full		15.00		15.00		15.00	18.00	99.82
			26/0		7.00		7.00		10.00		
			52/37		11.00		11.00		14.00		
			106/53		14.00		14.00		17.00		
	40	5200	Full	15.00		15.00		15.00	18.00		
	44	5220	Full	15.00		15.00		15.00	18.00		
			Full	15.00		15.00		15.00	18.00		
	48	5240	26/8	Not Required	7.00	Not Required	7.00	Not Required	10.00	14.00	
			52/40		11.00		11.00		14.00		
	802.11ax-HE40 MCS0	38	5190	106/54	14.00		14.00		17.00	99.38	
Full				15.00		15.00		18.00			
242/61				15.00		15.00		18.00			
802.11ax-HE80 MCS0	46	5230	Full	15.00		15.00		15.00	18.00	98.86	
			242/62	15.00		15.00		18.00			
			Full	15.00		15.00		18.00			
802.11ax-HE80 MCS0	42	5210	484/65	15.00		15.00		15.00	18.00	98.86	
			484/66	15.00		15.00		18.00			
			Full	15.00		15.00		18.00			

5.3GHz WLAN					Body Reduced Power Level 2/3 (Simultaneous WWAN+WLAN5GHz+WWAN+WLAN 4GHz+WLAN5G)							
					Ant 6		Ant 9		Ant 8+9			
	Mode	Channel	Frequency (MHz)	RU Config	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Duty Cycle %	
5.3GHz WLAN	802.11a 6Mbps	52	5260	Full		16.99		16.99		19.99	99.05	
		56	5280	Full		16.99		16.99		19.99		
		60	5300	Full		16.99		16.99		19.99		
		64	5320	Full		16.99		16.99		19.99		
	802.11n-HT20 MCS0	52	5260	Full		16.99		16.99		19.99	99.82	
		56	5280	Full		16.99		16.99		19.99		
		60	5300	Full		16.99		16.99		19.99		
	802.11n-HT40 MCS0	64	5320	Full		16.99		16.99		19.99	99.51	
		54	5270	Full	Not Required	16.99	Not Required	16.99	Not Required	19.99		
	802.11ac-VHT20 MCS0	62	5310	Full		16.99		16.99		19.99		99.63
		52	5260	Full		16.99		16.99		19.99		
		56	5280	Full		16.99		16.99		19.99		
		60	5300	Full		16.99		16.99		19.99		
	802.11ac-VHT40 MCS0	64	5320	Full		16.99		16.99		19.99	99.51	
		54	5270	Full		16.99		16.99		19.99		
		62	5310	Full		16.99		16.99		19.99		
	802.11ac-VHT80 MCS0	58	5290	Full		16.99		16.99		19.99	99.06	
	802.11ax-VHT160 MCS0	50	5250	Full	14.59	16.99	14.48	16.99	17.55	19.99	99.07	
	5.3GHz WLAN	802.11ax-HE20 MCS0	52	5260	Full		16.99		16.99		19.99	99.82
					26/0		8.99		8.99		11.99	
					52/37		11.99		11.99		14.99	
					106/53		15.99		15.99		18.99	
			56	5280	Full		16.99		16.99		19.99	
					Full		16.99		16.99		19.99	
64			5320	26/8		8.99		8.99		11.99		
				52/40		11.99		11.99		14.99		
				106/54		15.99		15.99		18.99		
				Full	Not Required		Not Required		Not Required			
802.11ax-HE40 MCS0		54	5270	242/61		16.99		16.99		19.99	99.38	
				Full		16.99		16.99		19.99		
		62	5310	242/62		16.99		16.99		19.99		
802.11ax-HE80 MCS0				Full		16.99		16.99		19.99	98.86	
				484/65		16.99		16.99		19.99		
				484/66		16.99		16.99		19.99		
802.11ax-HE160 MCS0			Full		16.99		16.99		19.99	99.08		
			996/67		15.99		15.99		18.99			
			996/67		15.99		15.99		18.99			

5.5GHz WLAN					Body Reduced Power Level 2/3 (Simultaneous WWAN+WLANSCH2+WWAN+VHT40+RGT+WLANSCH2)						Duty Cycle %												
	Mode	Channel	Frequency (MHz)	RU Config	Ant 8		Ant 9		Ant 8+9														
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit													
5.5GHz WLAN	802.11a 6Mbps	100	5500	Full	Not Required	16.00	Not Required	16.00	Not Required	19.00	99.05												
		116	5580	Full		16.00		16.00		19.00													
		124	5620	Full		16.00		16.00		19.00													
		132	5660	Full		16.00		16.00		19.00													
		140	5700	Full		16.00		16.00		19.00													
	802.11n-HT20 MCS0	100	5500	Full		16.00		16.00		19.00	99.82												
		116	5580	Full		16.00		16.00		19.00													
		124	5620	Full		16.00		16.00		19.00													
		132	5660	Full		16.00		16.00		19.00													
		140	5700	Full		16.00		16.00		19.00													
	802.11n-HT40 MCS0	100	5510	Full		Not Required		16.00		Not Required	16.00	Not Required	19.00	99.51									
		110	5550	Full				16.00			16.00		19.00										
		126	5630	Full				16.00			16.00		19.00										
		134	5670	Full				16.00			16.00		19.00										
		100	5500	Full				16.00			16.00		19.00										
	802.11ac-VHT20 MCS0	116	5580	Full				Not Required			16.00		Not Required	16.00	Not Required	19.00	99.63						
		124	5620	Full							16.00			16.00		19.00							
		132	5660	Full							16.00			16.00		19.00							
		140	5700	Full							16.00			16.00		19.00							
		102	5510	Full							16.00			16.00		19.00							
	802.11ac-VHT40 MCS0	110	5550	Full							Not Required			16.00		Not Required	16.00	Not Required	19.00	99.51			
		126	5630	Full										16.00			16.00		19.00				
		134	5670	Full										16.00			16.00		19.00				
		100	5500	Full										16.00			16.00		19.00				
		116	5580	Full										16.00			16.00		19.00				
	802.11ac-VHT80 MCS0	124	5620	Full	Not Required		16.00		Not Required					16.00			Not Required		19.00	99.06			
		132	5660	Full			16.00							16.00					19.00				
		140	5700	Full			16.00							16.00					19.00				
		102	5510	Full			16.00							16.00					19.00				
		110	5550	Full			16.00							16.00					19.00				
	802.11ac-VHT160 MCS0	126	5630	Full			Not Required							16.00					Not Required	16.00	Not Required	19.00	99.07
		134	5670	Full										16.00						16.00		19.00	
		106	5530	Full										16.00						16.00		19.00	
		122	5610	Full										16.00						16.00		19.00	
		114	5670	Full										14.58						16.00		14.66	
	802.11ax-HE20 MCS0	100	5500	Full		Not Required				16.00		Not Required		16.00						Not Required		19.00	99.82
				26/0						8.00				8.00								11.00	
				52/37						11.00				11.00								14.00	
				106/53						15.00				15.00								18.00	
				Full						16.00				16.00								19.00	
		116	5580	Full				16.00		16.00			19.00										
				124				5620		Full			16.00	16.00	19.00								
				132				5660		Full			16.00	16.00	19.00								
				140				5700		Full			16.00	16.00	19.00								
										26/8			8.00	8.00	11.00								
		52/40	11.00							11.00	14.00												
		106/54	15.00							15.00	18.00												
		Full	16.00							16.00	19.00												
	802.11ax-HE40 MCS0	102	5510	Full				Not Required		16.00	Not Required		16.00	Not Required	19.00	99.38							
		242/61	16.00	16.00						19.00													
		110	5550	Full	16.00				16.00	19.00													
		126	5630	Full	16.00				16.00	19.00													
		134	5670	Full	16.00				16.00	19.00													
242/62				16.00	16.00				19.00														
802.11ax-HE80 MCS0	106			5530	Full				Not Required	16.00			Not Required		16.00	Not Required	19.00	98.86					
	122			5610	Full		16.00			16.00					19.00								
		484/65	16.00		16.00		19.00																
		Full	16.00		16.00		19.00																
		484/66	16.00		16.00		19.00																
802.11ax-HE160 MCS0	114	5570	Full	Not Required	16.00		Not Required			16.00					Not Required		19.00	99.08					
			996/67		15.00	15.00				18.00													
			996/67		15.00	15.00				18.00													

5.8GHz WLAN					Body Reduced Power Level 2/3 (Simultaneous WWAN+WLANSCH2+WWAN+VLAN2 4GHz+WLANSCH2)						Duty Cycle %	
Mode	Channel	Frequency (MHz)	RU Config	Ant 8		Ant 9		Ant 8+9				
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit			
5.8GHz WLAN	802.11a 6Mbps	149	5745	Full	Not Required	17.00	Not Required	17.00	Not Required	20.00	99.05	
		157	5785	Full		17.00		17.00		20.00		
		165	5825	Full		17.00		17.00		20.00		
	802.11n-HT20 MCS0	149	5745	Full		17.00		17.00		20.00	99.82	
		157	5785	Full		17.00		17.00		20.00		
		165	5825	Full		17.00		17.00		20.00		
	802.11n-HT40 MCS0	151	5755	Full		17.00		17.00		20.00	99.51	
		159	5795	Full		17.00		17.00		20.00		
		149	5745	Full		17.00		17.00		20.00		
	802.11ac-VHT20 MCS0	157	5785	Full		17.00		17.00		20.00	99.63	
		165	5825	Full		17.00		17.00		20.00		
		151	5755	Full		17.00		17.00		20.00		
	802.11ac-VHT40 MCS0	159	5795	Full		17.00		17.00		20.00	99.51	
		155	5775	Full		15.39		15.55		18.50		20.00
		149	5745	Full		17.00		17.00		20.00		
	802.11ax-HE20 MCS0	149	5745	Full		17.00		17.00		20.00	99.82	
				26/0		8.00		8.00		11.00		
				52/37		11.00		11.00		14.00		
				106/53		15.00		15.00		18.00		
				Full		17.00		17.00		20.00		
		157	5785	Full		17.00		17.00		20.00		
				Full		17.00		17.00		20.00		
				26/8		8.00		8.00		11.00		
				52/40		11.00		11.00		14.00		
106/54				15.00	15.00	18.00						
802.11ax-HE40 MCS0		151	5755	Full	17.00	17.00	20.00	99.38				
				242/61	17.00	17.00	20.00					
	Full			17.00	17.00	20.00						
	242/61			17.00	17.00	20.00						
	159	5795	Full	17.00	17.00	20.00						
802.11ax-HE80 MCS0	155	5775	Full	17.00	17.00	20.00	98.86					
			484/65	17.00	17.00	20.00						
			484/66	17.00	17.00	20.00						



2.4GHz WLAN					Hotspot on Level 1						Duty Cycle %	
	Mode	Channel	Frequency (MHz)	RU Config	Average power (dbm)	Turn-Up Limit	Average power (dbm)	Turn-Up Limit	Average power (dbm)	Turn-Up Limit		
2.4GHz WLAN	802.11b Mbps	1	2412	FuL	19.06	20.06	19.06	20.06	22.06	23.06	97.06	
		6	2437	FuL	19.01	20.06	19.33	20.06	22.18	23.06		
		11	2462	FuL	18.68	20.06	18.55	20.06	21.63	23.06		
	802.11g Mbps	1	2412	FuL	16.52	18.00	16.57	18.00	19.47	21.00	99.53	
		6	2437	FuL	17.06	18.50	17.17	18.50	20.13	21.00		
		11	2462	FuL	16.09	17.50	16.28	17.50	19.15	20.50		
	802.11n-HT20 MCS0	1	2412	FuL	17.07	18.50	17.15	18.50	20.12	21.50	99.53	
		6	2437	FuL	17.10	18.50	17.18	18.50	20.15	21.50		
		11	2462	FuL	15.54	17.50	15.80	17.50	18.68	20.00		
	802.11n-HT40 MCS0	3	2422	FuL	16.30	17.50	16.63	17.50	19.45	20.50	99.63	
		6	2437	FuL	16.60	18.00	16.54	18.00	19.58	21.00		
		9	2452	FuL	15.26	16.50	15.45	16.50	18.37	19.00		
	802.11ac-VHT20 MCS0	1	2412	FuL	17.05	18.50	17.11	18.50	20.09	21.50	99.63	
		6	2437	FuL	17.07	18.50	17.14	18.50	20.12	21.50		
		11	2462	FuL	15.50	17.50	15.79	17.00	18.66	20.00		
	802.11ac-VHT40 MCS0	3	2422	FuL	16.27	17.50	16.58	17.50	19.44	20.50	99.63	
		6	2437	FuL	16.54	18.00	16.50	18.00	19.53	21.00		
		9	2452	FuL	15.20	16.50	15.39	16.50	18.31	19.50		
	802.11ax-HE20 MCS0	1	2412									99.45
				260	7.06	8.50	6.58	8.50	9.84	11.00		
				52037	9.50	11.50	9.55	11.50	12.74	14.50		
				106053	13.43	14.50	13.56	14.50	16.51	17.50		
				17.00	17.30	18.56	17.37	18.50	20.35	21.00		
				17.00	15.65	17.00	15.67	17.00	18.77	20.00		
11		2462									99.45	
			208	7.34	8.50	7.40	8.50	10.38	11.50			
			52040	9.71	11.50	10.56	11.50	13.17	14.50			
			106054	13.50	14.50	13.59	14.50	16.76	17.50			
			16.44	17.50	16.68	17.50	19.57	20.50				
			242061	14.19	15.50	14.30	15.50	17.26	18.00			
802.11ax-HE40 MCS0	6	2437	FuL	16.76	18.00	16.71	18.00	19.75	21.00	99.64		
			FuL	15.35	16.50	15.51	16.50	18.49	19.50			
			242061	14.25	15.50	14.54	15.50	17.41	18.50			

5.2GHz WLAN					Hotspot on Level 1						Duty Cycle %	
Mode	Channel	Frequency (MHz)	RU Config	Average power (dBm)	Turn-Up Limit	Ant 8		Ant 9		Ant 8+9		
						Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)		Turn-Up Limit
802.11a (Mbps)	36	5180	FuL	15.96	17.50	15.62	17.50	18.60	20.50	99.05		
	40	5200	FuL	15.90	17.50	15.53	17.50	18.53	20.50			
	44	5220	FuL	15.54	17.50	15.55	17.50	18.56	20.50			
	48	5240	FuL	15.52	17.50	15.59	17.50	18.57	20.50			
802.11nHT20 MCS0	36	5180	FuL	17.03	19.00	17.20	19.00	20.13	22.00	99.82		
	40	5200	FuL	17.09	19.00	17.16	19.00	20.14	22.00			
802.11nHT40 MCS0	44	5220	FuL	17.06	19.00	17.03	19.00	20.06	22.00	99.51		
	48	5240	FuL	17.22	19.00	17.09	19.00	20.17	22.00			
802.11ac-VHT20 MCS0	38	5190	FuL	15.10	17.00	15.19	17.00	18.16	20.00	99.63		
	46	5230	FuL	17.26	19.00	17.36	19.00	20.36	22.00			
	36	5180	FuL	17.01	19.00	17.16	19.00	20.10	22.00			
	40	5200	FuL	17.04	19.00	17.11	19.00	20.09	22.00			
802.11ac-VHT40 MCS0	44	5220	FuL	17.04	19.00	17.01	19.00	20.04	22.00	99.51		
	48	5240	FuL	17.15	19.00	17.07	19.00	20.12	22.00			
802.11ac-VHT80 MCS0	38	5190	FuL	15.06	17.00	15.13	17.00	16.11	20.00	99.06		
	46	5230	FuL	17.27	19.00	17.33	19.00	20.31	22.00			
802.11ax-HE20 MCS0	42	5210	FuL	14.50	16.50	14.81	16.50	17.67	19.50	99.82		
			FuL	17.18	19.00	17.35	19.00	20.28	22.00			
	36	5180		250	6.46	7.00	5.59	7.00	8.10			
			52037	9.21	11.00	9.46	11.00	12.26	14.00			
			106053	12.41	14.00	12.51	14.00	15.68	17.00			
	40	5200	FuL	17.13	19.00	17.24	19.00	20.20	22.00			
	44	5220	FuL	17.13	19.00	17.16	19.00	20.16	22.00			
			FuL	17.32	19.00	17.34	19.00	20.29	22.00			
	48	5240		258	6.32	7.00	6.45	7.00	8.40		10.00	
			52040	9.27	11.00	9.55	11.00	12.42	14.00			
802.11ax-HE40 MCS0			106054	12.74	14.00	13.06	14.00	15.91	17.00	99.38		
	38	5190	FuL	15.17	17.00	15.26	17.00	16.27	20.00			
			242061	14.05	16.00	14.39	16.00	17.23	19.00			
	46	5230	FuL	17.40	19.00	17.49	19.00	20.46	22.00			
			242062	15.78	17.00	16.23	17.00	19.02	20.00			
			FuL	14.61	16.50	14.91	16.50	17.77	19.50			
802.11ax-HE80 MCS0	42	5210	484065	14.72	16.00	14.47	16.00	17.61	19.00	98.86		
			484066	14.13	16.00	14.21	16.00	17.18	19.00			

5.8GHz WLAN				Hotspot on Level 1						Duty Cycle %			
	Mode	Channel	Frequency (MHz)	RU Config	Ant A		Ant B		Ant B-9				
					Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)		Turn-Up Limit		
802.11a (Mbps)		149	5745	FuL	17.26	19.00	17.53	19.00	20.41	22.00	99.05		
		157	5785	FuL	17.18	19.00	17.42	19.00	20.31	22.00			
		165	5825	FuL	17.24	19.00	17.55	19.00	20.41	22.00			
802.11n-HT20 MCS0		149	5745	FuL	17.22	19.00	17.42	19.00	20.33	22.00	99.82		
		157	5785	FuL	17.15	19.00	17.30	19.00	20.24	22.00			
		165	5825	FuL	17.09	19.00	17.51	19.00	20.32	22.00			
802.11n-HT40 MCS0		151	5795	FuL	17.28	19.00	17.29	19.00	20.30	22.00	99.51		
		159	5795	FuL	17.33	19.00	17.54	19.00	20.45	22.00			
		149	5745	FuL	17.20	19.00	17.36	19.00	20.29	22.00			
802.11ac-VHT20 MCS0		157	5785	FuL	17.13	19.00	17.26	19.00	20.21	22.00	99.63		
		165	5825	FuL	17.07	19.00	17.45	19.00	20.27	22.00			
		151	5795	FuL	17.20	19.00	17.24	19.00	20.23	22.00			
802.11ac-VHT40 MCS0		159	5795	FuL	17.26	19.00	17.50	19.00	20.39	22.00	99.51		
		155	5775	FuL	17.38	19.00	17.52	19.00	20.46	22.00			
		802.11ax-VHT80 MCS0			FuL	17.26	19.00	17.54	19.00	20.41		22.00	
5.8GHz WLAN	802.11ax-HE20 MCS0	149	5745		17.26	19.00	17.54	19.00	20.41	22.00	99.82		
				260	6.93	8.00	7.28	8.00	10.12	11.00			
				52037	9.76	11.00	10.37	11.00	13.09	14.00			
				106053	13.38	15.00	13.70	15.00	16.55	18.00			
				157	5785	FuL	17.19	19.00	17.51	19.00		20.36	22.00
					FuL	17.28	19.00	17.61	19.00	20.46		22.00	
802.11ax-HE40 MCS0	151	5795		208	6.56	8.00	7.42	8.00	10.02	11.00	99.38		
			52040	9.84	11.00	10.39	11.00	13.26	14.00				
			106054	13.06	15.00	13.76	15.00	16.54	18.00				
				FuL	17.39	19.00	17.40	19.00	20.41	22.00			
			242061	16.67	17.00	16.77	17.00	19.73	20.00				
			159	5795	FuL	17.44	19.00	17.65	19.00	20.56		22.00	
802.11ax-HE80 MCS0	155	5775		242061	16.08	17.00	16.97	17.00	19.56	20.00	99.86		
				FuL	17.52	19.00	17.63	19.00	20.59	22.00			
			48A465	17.19	19.00	17.14	19.00	20.19	22.00				
		48A466	16.76	18.00	17.24	18.00	20.02	21.00					

Bluetooth Full Power

BT BR/EDR Ant4(Ch0)

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	15.87	15.96	16.01	12.72	12.79	12.85	12.69	12.75	12.84	17.00
	CH 39	2441	16.46	16.51	16.55	13.35	13.42	13.49	13.36	13.43	13.52	17.00
	CH 78	2480	15.13	15.19	15.26	12.11	12.18	12.23	12.14	12.20	12.26	17.00

BT BR/EDR Ant7(Ch1)

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	16.88	16.95	17.02	13.45	13.53	13.61	13.62	13.68	13.75	18.00
	CH 39	2441	17.22	17.28	17.35	14.01	14.09	14.15	13.91	13.99	14.60	18.00
	CH 78	2480	16.25	16.32	16.37	13.12	13.18	13.25	13.07	13.16	13.25	18.00

BT 4.0 Ant4(Ch0)

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			GFSK	
LE	CH 00	2402	8.15	
	CH 19	2440	8.13	
	CH 39	2480	7.31	
Tune-up Limit			10	

BT 4.0 Ant7(Ch1)

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			GFSK	
LE	CH 00	2402	9.08	
	CH 19	2440	9.59	
	CH 39	2480	8.84	
Tune-up Limit			10	

BT 5.0 Ant4(Ch0)

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	8.15	8.21
	CH 19	2440	8.13	8.18
	CH 39	2480	7.31	7.37
Tune-up Limit			10	10

BT 5.0 Ant7(Ch1)

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	9.08	9.14
	CH 19	2440	9.59	9.64
	CH 39	2480	8.84	8.87
Tune-up Limit			10	10

Bluetooth Simultaneous Power for Hotspot/Body

BT BR/EDR Ant4(Ch0)

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	10.03	10.00	10.12	6.54	6.91	6.48	6.46	6.58	6.90	11.00
	CH 39	2441	10.43	10.48	10.26	7.44	7.58	7.61	7.32	7.61	7.54	11.00
	CH 78	2480	9.13	9.63	9.83	6.65	6.21	6.59	6.65	6.65	6.57	11.00

BT BR/EDR Ant7(Ch1)

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	11.07	11.22	11.26	7.76	7.75	8.09	8.33	8.50	8.03	12.00
	CH 39	2441	11.70	11.94	11.73	8.61	8.47	8.38	8.10	8.46	9.21	12.00
	CH 78	2480	10.50	11.04	11.12	7.20	7.79	7.48	7.47	7.81	7.47	12.00

Bluetooth Simultaneous Power for Head

BT BR/EDR Ant4(Ch0)

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	8.15	7.92	8.24	4.66	5.08	4.43	4.59	4.66	5.15	9.00
	CH 39	2441	8.60	8.60	8.64	5.61	5.52	5.76	5.32	5.78	5.68	9.00
	CH 78	2480	7.41	7.60	7.81	4.93	4.59	4.62	4.83	4.68	4.80	9.00

BT BR/EDR Ant7(Ch1)

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	9.57	9.54	9.45	6.08	5.91	6.39	6.37	6.64	6.16	10.00
	CH 39	2441	9.79	9.81	8.86	7.04	6.58	6.74	6.04	6.55	7.42	10.00
	CH 78	2480	8.76	9.19	9.03	5.55	6.08	5.68	5.93	6.05	5.81	10.00