

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)				3711.02	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)				3465.01	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)				3460	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	20.06	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	3942.98		
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	3952.98		
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 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	21.2	0.0	
100	PI2 BPSK	1	137	19.97	20.07	20.02			
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	21.2	0.0	
100	PI2 BPSK	270	0	19.95	20.12	19.99			
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	21.2	0.0	
100	QPSK	135	0	19.95	20.07	20.00			
100	QPSK	135	69	20.04	20.15	20.06			
100	QPSK	135	135	19.96	20.08	20.04	21.2	0.0	
100	QPSK	270	0	19.99	20.10	19.98			
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	20.08	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	3954.98			
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 Med. 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	20.12			21.2	0.0	
100	PI2 BPSK	1	137	20.10					
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			21.2	0.0	
100	QPSK	135	0	20.11					
100	QPSK	135	69	20.13					
100	QPSK	135	135	20.06			21.2	0.0	
100	QPSK	270	0	20.07					
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)				3495.58	3499.98	3504.98			
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	3499.98	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	3499.98	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	3499.98	3519.98			
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	3499.98	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	3499.98	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	3499.98	3534.98			
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	3499.98	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 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		18.7	0.0	
100	PI2 BPSK	1	137	17.08	17.11	17.11				
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	138	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				
100	QPSK	1	137	17.12	17.21	17.08	18.7			0.0
100	QPSK	1	271	17.11	17.17	17.15		18.7		0.0
100	QPSK	135	0	17.09	17.09	17.13				
100	QPSK	135	69	17.17	17.19	17.15				
100	QPSK	135	138	17.11	17.07	17.06		18.7	0.0	
100	QPSK	270	0	17.10	17.15	17.07	18.7			
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)				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 (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)				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 (dBm)	MPR (dB)		
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 (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)				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 (dBm)	MPR (dB)		
Frequency (MHz)				3710.01	3840	3969.99				
20	QPSK	1	1	17.12	17.07	17.13	18.7	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)				3469.58	3469.58					
100	PI2 BPSK	1	1		17.89		18.7	0.0		
100	PI2 BPSK	1	137		17.89					
100	PI2 BPSK	1	271		17.73					
100	PI2 BPSK	135	0		17.89		18.7			0.0
100	PI2 BPSK	135	69		17.86		18.7			0.0
100	PI2 BPSK	135	135		17.74		18.7			0.0
100	PI2 BPSK	270	0		17.89		18.7			0.0
100	QPSK	1	1		17.75		18.7			
100	QPSK	1	137		17.70					
100	QPSK	1	271		17.88					
100	QPSK	135	0		17.70		18.7	0.0		
100	QPSK	135	69		17.73					
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		17.86		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)				3469.58	3469.58	3504.98				
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	3469.58	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	3469.58	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	3469.58	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	3469.58	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	3469.58	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	3469.58	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	3469.58	3540				
20	QPSK	1	1	17.67	17.66	17.68	18.7	0.0		

Par270 n77(PC3)_FCC_ANT 5

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	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	17.06	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

Par27Q n77(PC3)_FCC_ANT 5

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					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

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	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	MSAM	1	1	17.95	18.10	18.06	19.2	0.0
100	MSAM	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	3949.98		
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	3954.99		
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	3964.98		
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

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)					3499.88			
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		19.2	0.0
100	PI2 BPSK	135	69		18.07			
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	MSAM	1	1		18.06		18.2	1.0
100	MSAM	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)				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 (dB)
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 (dB)
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 (dB)
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 (dB)
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 (dB)
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 (dB)
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 (dB)
Frequency (MHz)				3460.02	3499.88	3540		
20	QPSK	1	1		17.99	18.08	17.92	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	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	MSAM	1	1	17.95	18.10	18.06	19.2	0.0
100	MSAM	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	3949.98		
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	3954.99		
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	3964.98		
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

Par27Q 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				633000	633332	633666		
Frequency (MHz)				3495.58				
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	MSAM	1	1		18.06		18.2	1.0
100	MSAM	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)				3495	3499.98	3504.99		
90	QPSK	1	1		18.02	18.08	17.99	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	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)				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 (dB)
Frequency (MHz)				3480	3499.98	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	3499.98	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	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 (dB)
Frequency (MHz)				3465	3499.98	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	3499.98	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					633332				
Frequency (MHz)					3469.68				
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)				3465	3469.68	3474.32			
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)				3460.02	3469.68	3470			
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)				3455.01	3469.68	3474.32			
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)				3450	3469.68	3474.32			
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	3469.68	3475			
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	3469.68	3479.36			
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	3469.68	3474.32			
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	3469.68	3460			
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 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	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	64QAM	1	1	19.55	19.66	19.69	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	663000	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	3944.99		
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)				3714.02	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	3959.99		
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 Main Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.68			
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	64QAM	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	3499.68	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	3499.68	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	3518.99		
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	3534.99		
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	3499.68	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	18.54	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	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 (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	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 (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	3518.99		
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	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	18.54	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	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 (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)				3716.02	3840	3964.98		
30	QPSK	1	1	18.56	18.54	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

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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)				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	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 (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	3518.99		
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

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	13.56	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	13.69	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	
		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	18.49	19.96	
				242/61	14.25	15.96	14.54	15.96	17.41	18.96	
				Full	15.35	16.96	15.61	16.96	18.49	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			
				44	5220	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			
		48	5240	26/8	6.32	7.99	6.45	7.99	9.40	10.99			
				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	99.38
242/51	14.05				16.49	14.38	16.49	17.23	19.49				
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	98.86			
			Full	14.61	16.49	14.91	16.49	17.77	19.49				
			484/65	14.72	16.49	14.47	16.49	17.61	19.49				
484/66	14.13	16.49	14.21	16.49	17.18	19.49							

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	17.46	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	16.33	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	
					106/53	13.68	15.96	14.12	15.96	16.92	18.96	
			56	5280	Full	17.23	19.96	17.36	19.96	20.31	22.96	
					Full	17.23	19.96	17.31	19.96	20.28	22.96	
802.11ax-HE20 MCS0		60	5300	Full	17.47	19.96	17.33	19.96	20.21	22.96	99.82	
				Full	17.47	19.96	17.33	19.96	20.28	22.96		
				26/8	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		
		64	5320	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		
802.11ax-HE40 MCS0		54	5270	242/61	17.11	19.96	17.44	19.96	20.29	22.96	99.38	
				Full	17.00	18.96	17.63	19.96	20.03	21.96		
				242/62	15.28	17.96	15.34	17.96	18.32	20.96		
802.11ax-HE80 MCS0		58	5290	Full	15.17	17.96	15.56	17.96	16.38	20.96	98.86	
				484/85	15.39	17.96	15.31	17.96	16.42	20.96		
				484/86	15.70	17.96	15.73	17.96	16.74	20.96		
802.11ax-HE160 MCS0	50	5250	Full	14.56	16.96	14.5	16.96	17.55	19.96	99.08		
			996/67	13.27	15.96	13.25	15.96	16.27	18.96			
			996/68	13.83	15.96	13.63	15.96	16.74	18.96			



5.5GHz 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				
5.5GHz 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	17.21	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	5570	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	99.82			
				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	99.38			
				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	14.06	16.00	17.16	19.00	99.38		
					110	5550	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
					Full	17.19	19.00	17.43	19.00	20.32	22.00			
		802.11ax-HE80 MCS0	134	5670	242/82	16.33	18.00	16.85	18.00	19.61	21.00	98.86		
					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	122	5610	484/86			17.33	19.00	17.49	19.00	20.42	22.00	99.08
					Full	16.10	17.50	16.21	17.50	19.17	20.50			
					996/567	13.59	15.00	13.55	15.00	16.58	18.00			
					996/567	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	
		151	5755	Full	17.20	19.00	17.24	19.00	20.23	22.00	
	802.11ac-VHT40 MCS0	159	5795	Full	17.26	19.00	17.50	19.00	20.39	22.00	99.51
		155	5775	Full	17.38	19.00	17.52	19.00	20.46	22.00	
		802.11ax-VHT80 MCS0	149	5745	Full	17.26	19.00	17.54	19.00	20.41	
	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	157	5785	106/53	13.38	15.00	13.70	15.00	16.55	18.00	99.82
				Full	17.19	19.00	17.51	19.00	20.36	22.00	
				Full	17.28	19.00	17.61	19.00	20.46	22.00	
	802.11ax-HE40 MCS0	165	5825	26/8	6.56	8.00	7.42	8.00	10.02	11.00	99.38
				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	
	802.11ax-HE80 MCS0	151	5755	Full	17.39	19.00	17.40	19.00	20.41	22.00	99.86
				242/81	16.67	17.00	16.77	17.00	19.73	20.00	
				Full	17.44	19.00	17.65	19.00	20.56	22.00	
	802.11ax-HE160 MCS0	159	5795	242/81	16.08	17.00	16.97	17.00	19.66	20.00	99.86
				Full	17.52	19.00	17.63	19.00	20.59	22.00	
				484/85	17.19	19.00	17.14	19.00	20.18	22.00	
	802.11ax-HE320 MCS0	155	5775	484/86	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	15.19	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-HE20 MCS0			Full	Not Required	8.50	Not Required	8.50	Not Required	11.50	99.45
			1	2412	28/0	8.50		8.50		11.50		
					52/37	11.50		11.50		14.50		
					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		
802.11ax-HE40 MCS0				26/8	8.50		8.50		11.50		99.64	
		11	2462	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	
				242/61	15.50		15.50		15.50			
		6	2437	Full	16.50		16.50		16.50			
802.11ax-HE40 MCS0	9	2452	Full	16.50		16.50		16.50		99.64		
			242/61	15.50		15.50		15.50				

5.2GHz 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	
5.2GHz WLAN	802.11a 6Mbps	36	5180	Full	16.50		16.50		16.50		99.05
		40	5200	Full	16.50		16.50		16.50		
		44	5220	Full	16.50		16.50		16.50		
	802.11n-HT20 MCS0	36	5180	Full	16.50		16.50		16.50		99.82
		40	5200	Full	16.50		16.50		16.50		
		44	5220	Full	16.50		16.50		16.50		
	802.11n-HT40 MCS0	36	5180	Full	16.50		16.50		16.50		99.51
		40	5200	Full	16.50		16.50		16.50		
		44	5220	Full	16.50		16.50		16.50		
	802.11ac-VHT20 MCS0	44	5220	Full	16.50		16.50		16.50		99.63
		48	5240	Full	16.50		16.50		16.50		
		36	5180	Full	16.50		16.50		16.50		
	802.11ac-VHT40 MCS0	36	5180	Full	16.50		16.50		16.50		99.51
		48	5240	Full	16.50		16.50		16.50		
		40	5200	Full	16.50		16.50		16.50		
	802.11ac-VHT80 MCS0	42	5210	Full	14.50	16.50	14.81	16.50	17.67	16.50	99.06
				Full	16.50		16.50		16.50		
		36	5180	25/0	7.00		7.00		10.00		
	802.11ax-HE20 MCS0	40	5200	Full	16.50		16.50		16.50		99.82
		44	5220	Full	16.50		16.50		16.50		
		48	5240	26/8	7.00		7.00		10.00		
	802.11ax-HE40 MCS0	36	5180	Full	16.50		16.50		16.50		99.38
				105/54	14.50		14.50		17.50		
		40	5200	Full	16.50		16.50		16.50		
	802.11ax-HE80 MCS0	42	5210	484/65	16.50		16.50		16.50		98.86
				484/65	16.00		16.00		16.00		
				484/65	16.00		16.00		16.00		

5.3GHz WLAN					At Head Reduced Power Level 1 (Standalone WLAN)						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	52	5260	Full	Not Required	16.50		16.50		16.50		99.05
	56	5280	Full		16.50		16.50		16.50		
	60	5300	Full		16.50		16.50		16.50		
	52	5260	Full		16.50		16.50		16.50		99.62
	56	5280	Full		16.50		16.50		16.50		
	60	5300	Full		16.50		16.50		16.50		
	54	5270	Full		16.50		16.50		16.50		99.51
	54	5270	Full		16.50		16.50		16.50		
	62	5310	Full		16.50		16.50		16.50		
	52	5260	Full		16.50		16.50		16.50		99.63
	56	5280	Full		16.50		16.50		16.50		
	60	5300	Full		16.50		16.50		16.50		
54	5270	Full	16.50		16.50		16.50		99.51		
54	5270	Full	16.50		16.50		16.50				
62	5310	Full	16.50		16.50		16.50				
58	5290	Full	14.62	16.50	15.07	16.50	17.71	16.50	99.06		
50	5250	Full		16.50		16.50		16.50	99.07		
802.11a-VHT20 MCS0	52	5260	25/0	Not Required	8.00		8.00		11.00		99.82
	52	5260	52/37		11.00		11.00		14.00		
	52	5260	106/53		15.00		15.00		18.00		
	56	5280	Full		16.50		16.50		16.50		99.82
	60	5300	Full		16.50		16.50		16.50		
	64	5320	Full		16.50		16.50		16.50		
	64	5320	26/8		8.00		8.00		11.00		99.38
	64	5320	52/40		11.00		11.00		14.00		
	64	5320	106/54		15.00		15.00		18.00		
	54	5270	Full		16.50		16.50		16.50		99.38
	54	5270	242/61		16.50		16.50		16.50		
	62	5310	242/62		16.50		16.50		16.50		
58	5290	484/65	16.50		16.50		16.50		98.86		
58	5290	484/65	16.00		16.00		16.00				
58	5290	484/65	16.00		16.00		16.00				
50	5250	996/97	16.50		16.50		16.50		99.08		
50	5250	996/97	15.00		15.00		15.00				
50	5250	996/97	15.00		15.00		15.00				

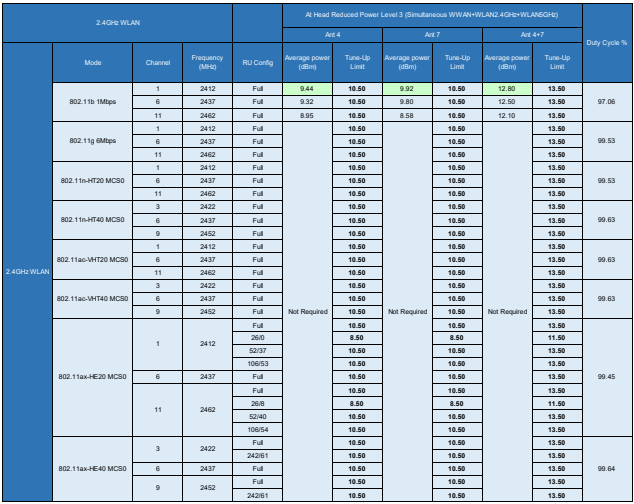
2.4GHz WLAN					At Head Reduced Power Level 2 (Simultaneous WLAN+WLAN+4G)						Duty Cycle %
	Mode	Channel	Frequency (MHz)	RU Config	Ant 4		Ant 7		Ant 4+7		
					Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	
2.4GHz WLAN	802.11b-1Mbps	1	2412	Full	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		13.50	16.50	99.53
		6	2437	Full	13.50		13.50		13.50	16.50	
		11	2462	Full	13.50		13.50		13.50	16.50	
	802.11n-HT20 MCS0	1	2412	Full	13.50		13.50		13.50	16.50	99.53
		6	2437	Full	13.50		13.50		13.50	16.50	
		11	2462	Full	13.50		13.50		13.50	16.50	
	802.11n-HT40 MCS0	3	2422	Full	13.50		13.50		13.50	16.50	99.63
		6	2437	Full	13.50		13.50		13.50	16.50	
		9	2452	Full	13.50		13.50		13.50	16.50	
	802.11ac-VHT20 MCS0	1	2412	Full	13.50		13.50		13.50	16.50	99.63
		6	2437	Full	13.50		13.50		13.50	16.50	
2.4GHz WLAN	802.11ac-VHT40 MCS0	1	2412	Full	13.50		13.50		13.50	16.50	99.63
		6	2437	Full	13.50		13.50		13.50	16.50	
		9	2452	Full	13.50		13.50		13.50	16.50	
	802.11ax-HE20 MCS0	1	2412	Full	13.50		13.50		13.50	16.50	99.45
		6	2437	Full	13.50		13.50		13.50	16.50	
		11	2462	Full	13.50		13.50		13.50	16.50	
	802.11ax-HE40 MCS0	3	2422	Full	13.50		13.50		13.50	16.50	99.64
		6	2437	Full	13.50		13.50		13.50	16.50	
		9	2452	Full	13.50		13.50		13.50	16.50	



5.8GHz 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	100	5500	Full		18.50		18.50		21.50	99.05	
		116	5580	Full		18.50		18.50	21.50		
		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	99.82	
		100	5500	Full		18.50		18.50	21.50		
		116	5580	Full		18.50		18.50	21.50		
		124	5620	Full		18.50		18.50	21.50		
	802.11a-HT20 MCS9	102	5510	Full		18.50		18.50		21.50	99.51
		110	5550	Full	Not Required	18.50		18.50		21.50	
		126	5630	Full		18.50		18.50		21.50	
		134	5670	Full		18.50		18.50		21.50	
	802.11a-VHT20 MCS9	100	5500	Full		18.50		18.50		21.50	99.63
		116	5580	Full		18.50		18.50		21.50	
		124	5620	Full		18.50		18.50		21.50	
		132	5660	Full		18.50		18.50		21.50	
802.11a-VHT40 MCS9	102	5510	Full		18.50		18.50		21.50	99.51	
	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		
802.11a-VHT80 MCS9	106	5530	Full		17.04	16.81	18.50	19.95	21.50	99.06	
	122	5610	Full	16.92	18.50	17.05	18.50	20.10	21.50		
	114	5570	Full		17.50		17.50	20.10	21.50		
					18.50		18.50	21.50	21.50		
	100	5500			18.50		8.00		21.50	99.07	
			26/5			8.00		8.00			11.00
			52/37			11.00		11.00			14.00
			106/53			15.00		15.00			18.00
802.11a-HE20 MCS9	116	5580	Full		18.50		18.50		21.50	99.82	
	124	5620	Full		18.50		18.50		21.50		
	132	5660	Full		18.50		18.50		21.50		
	140	5700			26/5	8.00	8.00		11.00		
802.11a-HE40 MCS9	140	5700			52/37	11.00	11.00		14.00	99.38	
			106/54			15.00	15.00		18.00		
			26/5			8.00	8.00		11.00		
			52/37			11.00	11.00		14.00		
	102	5510	Full	Not Required		18.50		Not Required		21.50	
		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	
802.11a-HE80 MCS9	106	5530			484/65	16.50	16.50		19.00	98.86	
			484/65			17.00	17.00		20.50		
	122	5610			484/66	16.50	16.50		19.00		
			484/66			17.50	17.50		20.50		
802.11a-HE160 MCS9	114	5570			996/67	15.00	15.00		18.00	99.08	
			996/67			15.00	15.00		18.00		

5.8GHz 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	16.50	Not Required	16.50	Not Required	19.50	99.05
	157	5785	Full		16.50		16.50		19.50	
	165	5825	Full		16.50		16.50		19.50	
	149	5745	Full		16.50		16.50		19.50	
	157	5785	Full		16.50		16.50		19.50	
	165	5825	Full		16.50		16.50		19.50	
	151	5755	Full		16.50		16.50		19.50	
	159	5795	Full		16.50		16.50		19.50	
	149	5745	Full		16.50		16.50		19.50	
	157	5785	Full		16.50		16.50		19.50	
	165	5825	Full		16.50		16.50		19.50	
	151	5755	Full		16.50		16.50		19.50	
802.11a-VHT20 MCS9	159	5795	Full	Not Required	16.50	Not Required	16.50	Not Required	19.50	99.51
	149	5745	Full		16.50		16.50		19.50	
	157	5785	Full		16.50		16.50		19.50	
	165	5825	Full		16.50		16.50		19.50	
	151	5755	Full		16.50		16.50		19.50	
	159	5795	Full		16.50		16.50		19.50	
	149	5745	Full		16.50		16.50		19.50	
	157	5785	Full		16.50		16.50		19.50	
	165	5825	Full		16.50		16.50		19.50	
	151	5755	Full		16.50		16.50		19.50	
	159	5795	Full		16.50		16.50		19.50	
	155	5775	Full		14.90		16.50		15.08	
802.11a-HE20 MCS9	149	5745	Full	Not Required	8.00	Not Required	8.00	Not Required	11.00	99.82
	52/37	11.00	11.00		14.00					
	106/53	15.00	15.00		18.00					
	157	5785	Full		16.50		16.50		19.50	
	165	5825	Full		16.50		16.50		19.50	
	26/5	8.00	8.00		11.00					
	52/40	11.00	11.00		14.00					
	106/54	15.00	15.00		18.00					
	151	5755	Full		16.50		16.50		19.50	
	159	5795	Full		16.50		16.50		19.50	
	242/61	16.50	16.50		19.50					
	242/61	16.50	16.50		19.50					
802.11a-HE80 MCS9	155	5775	484/65	Not Required	16.50	Not Required	16.50	Not Required	19.50	98.86
		484/66	16.50		16.50		19.50			

5.8GHz WLAN				At Head Reduced Power Level 2 (Simultaneous WLAN+WWAN)						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
5.8GHz WLAN	802.11a 8Mbps	100	5500	Full		14.00		14.00		17.00	99.05
		116	5580	Full		14.00		14.00		17.00	
		124	5620	Full		14.00		14.00		17.00	
		132	5660	Full		14.00		14.00		17.00	
	802.11a-HT20 MCS9	140	5700	Full		14.00		14.00		17.00	99.82
		100	5500	Full		14.00		14.00		17.00	
		116	5580	Full		14.00		14.00		17.00	
		124	5620	Full		14.00		14.00		17.00	
	802.11a-HT40 MCS9	102	5510	Full		14.00		14.00		17.00	99.51
		110	5550	Full		14.00		14.00		17.00	
		126	5630	Full	Not Required	14.00	Not Required	14.00	Not Required	17.00	
		134	5670	Full	14.00	14.00	14.00	14.00	17.00		
	802.11a-VHT20 MCS9	100	5500	Full		14.00		14.00		17.00	99.63
		116	5580	Full		14.00		14.00		17.00	
		124	5620	Full		14.00		14.00		17.00	
		132	5660	Full		14.00		14.00		17.00	
	802.11a-VHT40 MCS9	102	5510	Full		14.00		14.00		17.00	99.51
		110	5550	Full		14.00		14.00		17.00	
		126	5630	Full		14.00		14.00		17.00	
		134	5670	Full		14.00		14.00		17.00	
	802.11a-VHT80 MCS9	106	5530	Full		14.00		14.00		17.00	99.06
		122	5610	Full		14.00		14.00		17.00	
		114	5570	Full	12.54	14.00	12.80	14.00	15.62	17.00	
				Full		14.00		14.00		17.00	
802.11a-HE20 MCS9	100	5500	Full		14.00		14.00		17.00	99.07	
			26/5		8.00		8.00		10.00		
			52/37		11.00		11.00		13.00		
			106/53		14.00		14.00		16.00		
	140	5700	Full		14.00		14.00		17.00	99.82	
			26/5		8.00		8.00		10.00		
			52/37		11.00		11.00		13.00		
			106/54		14.00		14.00		16.00		
	802.11a-HE40 MCS9	102	5510	Full	Not Required	14.00	Not Required	14.00	Not Required	17.00	99.38
		110	5550	Full		14.00		14.00		17.00	
		126	5630	Full		14.00		14.00		17.00	
		134	5670	Full		14.00		14.00		17.00	
802.11a-HE80 MCS9	106	5530	Full		14.00		14.00		17.00	98.86	
			484/65		14.00		14.00		17.00		
	122	5610	Full		14.00		14.00		17.00		
			484/66		14.00		14.00		17.00		
802.11a-HE160 MCS9	114	5570	99/667		14.00		14.00		17.00	99.08	
			99/667		14.00		14.00		17.00		



5.2GHz WLAN				At Head Restroom Power Level 2 (Simultaneous WLAN+HJLAN+J2GRC+J2GRC)						Duty Cycle %
				At A		At B		At B-5		
	Mode	Channel	Frequency (MHz)	RU Config	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	
5.2GHz WLAN	802.11a @Mbps	36	5180	FuL		10.50		10.50		13.50
		40	5200	FuL		10.50		10.50		13.50
		44	5220	FuL		10.50		10.50		13.50
		48	5240	FuL		10.50		10.50		13.50
	802.11n-HT20 MCS0	36	5180	FuL		10.50		10.50		13.50
		40	5200	FuL		10.50		10.50		13.50
		44	5220	FuL		10.50		10.50		13.50
		48	5240	FuL		10.50		10.50		13.50
	802.11n-HT40 MCS0	36	5180	FuL		10.50		10.50		13.50
		40	5200	FuL		10.50		10.50		13.50
		44	5220	FuL		10.50		10.50		13.50
		48	5240	FuL		10.50		10.50		13.50
	802.11ac-VHT20 MCS0	36	5180	FuL		10.50		10.50		13.50
		40	5200	FuL		10.50		10.50		13.50
		44	5220	FuL		10.50		10.50		13.50
		48	5240	FuL		10.50		10.50		13.50
	802.11ac-VHT40 MCS0	36	5180	FuL		10.50		10.50		13.50
		40	5200	FuL		10.50		10.50		13.50
		44	5220	FuL		10.50		10.50		13.50
		48	5240	FuL		10.50		10.50		13.50
802.11ax-HE20 MCS0	42	5210	FuL		8.62		8.90		11.74	
	36	5180	FuL			10.50		10.50		13.50
		260				7.80		7.00		10.00
		52/37				10.50		10.50		13.50
		100/53				10.50		10.50		13.50
	40	5200	FuL			10.50		10.50		13.50
		52/20				10.50		10.50		13.50
		100/54				10.50		10.50		13.50
		260				7.80		7.00		10.00
	48	5240	FuL			10.50		10.50		13.50
		52/40				10.50		10.50		13.50
		100/54				10.50		10.50		13.50
260					7.80		7.00		10.00	
802.11ax-HE40 MCS0	38	5190	FuL		10.50		10.50		13.50	
	24/261				10.50		10.50		13.50	
	52/4				10.50		10.50		13.50	
	24/262				10.50		10.50		13.50	
802.11ax-HE80 MCS0	42	5210	FuL		10.50		10.50		13.50	
	48/4/5				10.50		10.50		13.50	
	48/4/6				10.50		10.50		13.50	
	48/4/5				10.50		10.50		13.50	

5.3Ghz WLAN				At Host Reduced Power Level 3 (Simultaneous WWAN+WLAN2 4G+reduced WLAN2)						Duty Cycle %
				Ant A		Ant B		Ant B+H		
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 Mbps	52	5280	FuL	19.50	10.50	10.50	10.50	13.50	99.05	
	56	5280	FuL	19.50	10.50	10.50	10.50	13.50		
	60	5300	FuL	19.50	10.50	10.50	10.50	13.50		
	64	5320	FuL	19.50	10.50	10.50	10.50	13.50	99.82	
	52	5280	FuL	19.50	10.50	10.50	10.50	13.50		
	56	5280	FuL	19.50	10.50	10.50	10.50	13.50		
	60	5300	FuL	19.50	10.50	10.50	10.50	13.50		
	802.11n-HT20 MCS0	54	5250	FuL	19.50	10.50	10.50	10.50	13.50	99.51
	802.11n-HT40 MCS0	54	5270	FuL	19.50	10.50	10.50	10.50	13.50	
	62	5310	FuL	19.50	10.50	10.50	10.50	13.50		
	52	5280	FuL	19.50	10.50	10.50	10.50	13.50	99.63	
	802.11ac-VHT20 MCS0	56	5280	FuL	19.50	10.50	10.50	10.50		13.50
60	5300	FuL	19.50	10.50	10.50	10.50	13.50			
64	5320	FuL	19.50	10.50	10.50	10.50	13.50	99.51		
802.11ac-VHT40 MCS0	54	5270	FuL	19.50	10.50	10.50	10.50		13.50	
62	5310	FuL	19.50	10.50	10.50	10.50	13.50			
802.11ac-VHT80 MCS0	58	5290	FuL	19.50	10.50	10.50	10.50	13.50	99.06	
802.11ac-VHT160 MCS0	50	5250	FuL	9.02	10.50	9.52	10.50	12.80	13.50	99.07
5.3Ghz WLAN	52	5280	52/37	20.0	8.00	10.50	10.50	10.50	99.82	
	56	5280	100/53	19.50	10.50	10.50	10.50	13.50		
	60	5300	FuL	19.50	10.50	10.50	10.50	13.50		
	64	5320	25/8	8.00	8.00	10.50	10.50	10.50	99.38	
	52	5280	52/40	19.50	10.50	10.50	10.50	13.50		
	54	5270	100/54	19.50	10.50	10.50	10.50	13.50		
	802.11ax-HE40 MCS0	54	5270	24/281	19.50	10.50	10.50	10.50	13.50	99.08
	62	5310	FuL	19.50	10.50	10.50	10.50	13.50		
	24/262	19.50	10.50	10.50	13.50					
	802.11ax-HE80 MCS0	58	5290	48/465	19.50	10.50	10.50	10.50	13.50	99.08
	48/466	19.50	10.50	10.50	13.50					
	54	5270	FuL	19.50	10.50	10.50	10.50	13.50		
802.11ax-HE160 MCS0	50	5250	96/967	19.50	10.50	10.50	10.50	13.50	99.08	
			500/587	19.50	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	100	5500	FuL	12.00		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	100	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-HT40 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	Not Required	12.00	Not Required	15.00		
		134	5670	FuL	12.00		12.00		15.00		
		150	5750	FuL	12.00		12.00		15.00		
	802.11a-VHT20 MCS0	124	5620	FuL	12.00		12.00		15.00	99.63	
		132	5660	FuL	12.00		12.00		15.00		
		140	5700	FuL	12.00		12.00		15.00		
		150	5750	FuL	12.00		12.00		15.00		
		110	5550	FuL	12.00		12.00		15.00		
	802.11a-VHT40 MCS0	126	5630	FuL	12.00		12.00		15.00	99.51	
		134	5670	FuL	12.00		12.00		15.00		
		150	5750	FuL	12.00		12.00		15.00		
		106	5530	FuL	12.00		12.00		15.00		99.06
		122	5610	FuL	12.00		12.00		15.00		
	802.11a-VHT160 MCS0	114	5570	FuL	10.58	10.69	12.00	13.66	15.00	99.07	
	802.11ax-HE20 MCS0	100	5500	FuL	12.00		12.00		15.00	99.82	
				26.0	8.00		8.00		11.00		
				52/37	11.00		11.00		14.00		
				106/63	12.00		12.00		15.00		
				116	12.00		12.00		15.00		
		140	5700	FuL	12.00		12.00		15.00		
				26.0	8.00		8.00		11.00		
				52/40	11.00		11.00		14.00		
				106/64	12.00		12.00		15.00		
				140	12.00		12.00		15.00		
	802.11ax-HE40 MCS0	102	5510	242/61	Not Required		12.00	Not Required	15.00	99.38	
				110	12.00		12.00		15.00		
				126	12.00		12.00		15.00		
				134	12.00		12.00		15.00		
				150	12.00		12.00		15.00		
	802.11ax-HE80 MCS0	106	5530	FuL	12.00		12.00		15.00	98.86	
				242/62	12.00		12.00		15.00		
				106	484/65	12.00		12.00			15.00
				122	12.00		12.00		15.00		
				132	12.00		12.00		15.00		
	802.11ax-HE160 MCS0	114	5570	FuL	12.00		12.00		15.00	99.08	
				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	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	Not Required	11.00	Not Required	11.00		14.00	
		159	5795	FuL	11.00	11.00	11.00	14.00			
	802.11a-HT40 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			
	802.11a-HT80 MCS0	151	5755	FuL	11.00	11.00	11.00	14.00	98.51		
		159	5795	FuL	11.00	11.00	11.00	14.00			
		155	5775	FuL	9.42	9.55	11.00	12.54		14.00	
		802.11ax-WT20 MCS0	149	5745	FuL	11.00	11.00	11.00		14.00	99.06
			26.0	8.00	8.00	11.00	11.00	14.00			
	52.07		11.00	11.00	11.00	14.00					
	106.03		11.00	11.00	11.00	14.00					
	157		5785	FuL	11.00	11.00	11.00	14.00			
	802.11ax-HE20 MCS0	165	5825	FuL	11.00	11.00	11.00	14.00	99.82		
				26.0	8.00	8.00	11.00				
				32.04	11.00	11.00	11.00	14.00			
				106.04	11.00	11.00	11.00	14.00			
				165	11.00	11.00	11.00	14.00			
	802.11ax-HE40 MCS0	151	5755	FuL	11.00	11.00	11.00	14.00	99.38		
				242.61	11.00	11.00	11.00	14.00			
				159	5795	FuL	11.00	11.00		11.00	14.00
				242.61	11.00	11.00	11.00	14.00			
				FuL	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 %		
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	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	18.99	Not Required	18.99	Not Required	21.99	99.45		
				26/0						11.99			
				52/37						14.99			
				106/53						17.99			
		6	2437	Full		18.99		18.99		21.99			
				Full						20.99			
				26/8						11.99			
		11	2462	Full		11.99		11.99		14.99			
				52/40						14.99			
				106/54						17.99			
	802.11ax-HE40 MCS0	3	2422	Full		17.99		17.99		20.99	99.64		
				242/61		16.99		16.99		18.99			
		6	2437	Full		18.99		18.99		21.99			
				242/62		16.99		16.99		19.99			
		9	2452	Full		15.99		15.99		18.99			
				242/63		15.99		15.99		18.99			

5.2GHz WLAN				Body Reduced Power Level 2/3 (Simultaneous WWAN+WLAN5GHz+WWAN+WLAN 4GHz+WLAN5G)							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		
5.2GHz WLAN	802.11a 6Mbps	36	5180	Full		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		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		15.00		15.00		18.00	99.51
		48	5240	Full	Not Required	15.00	Not Required	15.00	Not Required	18.00	
		38	5190	Full		15.00		15.00		18.00	
	802.11ac-VHT20 MCS0	46	5230	Full		15.00		15.00		18.00	99.63
		36	5180	Full		15.00		15.00		18.00	
		40	5200	Full		15.00		15.00		18.00	
	802.11ac-VHT40 MCS0	44	5220	Full		15.00		15.00		18.00	99.51
		48	5240	Full		15.00		15.00		18.00	
		38	5190	Full		15.00		15.00		18.00	
	802.11ac-VHT80 MCS0	46	5230	Full		15.00		15.00		18.00	99.06
	802.11ax-HE20 MCS0	42	5210	Full	13.05	15.00	13.33	15.00	16.20	18.00	
		36	5180	Full		15.00		15.00		18.00	
			26/0		7.00		7.00		10.00		
			52/37		11.00		11.00		14.00		
	802.11ax-HE20 MCS0	106/53		14.00		14.00		17.00	99.82		
40		5200	Full		15.00		15.00	18.00			
44		5220	Full		15.00		15.00	18.00			
48		5240	Full		15.00		15.00	18.00			
		26/8		7.00		7.00		10.00			
		52/40		11.00		11.00		14.00			
106/54			14.00		14.00		17.00				
802.11ax-HE40 MCS0	38	5190	Full		15.00		15.00	18.00	99.38		
	46	5230	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	18.00	98.86		
	42	5210	484/65		15.00		15.00	18.00			
		484/66		15.00		15.00		18.00			

5.3GHz WLAN				Body Reduced Power Level 2/3 (Simultaneous WWAN+WLAN5GHz+WWAN+WLANC 4GHz+WLAN5G)							Duty Cycle %
Mode	Channel	Frequency (MHz)	RU Config	Ant 6		Ant 9		Ant 6+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		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	16.99	Not Required	16.99	19.99	
		62	5310	Full		16.99	16.99		16.99	19.99	
	802.11ac-VHT20 MCS0	52	5260	Full		16.99		16.99		19.99	99.63
		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	
	802.11ac-VHT40 MCS0	54	5270	Full		16.99		16.99		19.99	99.51
		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	14.99	16.99	14.48	16.99	17.55	19.99	99.07
	5.3GHz WLAN	802.11ax-HE20 MCS0	52	5260	Full			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		19.99	
					Full			16.99		19.99	
					Full			16.99		19.99	
			64	5320	Full			16.99		19.99	
					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	16.99	16.99	Not Required	16.99		
802.11ax-HE40 MCS0		54	5270	Full			16.99		19.99	99.38	
				242/61	16.99		16.99	19.99			
		62	5310	Full			16.99		19.99		
				242/62	16.99		16.99	19.99			
802.11ax-HE80 MCS0		58	5290	Full			16.99		19.99	98.86	
				484/56	16.99		16.99	19.99			
				Full			16.99		19.99		
				Full			16.99		19.99		
802.11ax-HE160 MCS0		50	5250	996/67	15.99		15.99		18.99	99.08	
				996/567	15.99		15.99		18.99		



5.5GHz WLAN					Body Reduced Power Level 2/3 (Simultaneous WWAN+WLANS/GHz+WWAN+WLANS 4GHz+WLANS/GHz)						Duty Cycle %
Mode	Channel	Frequency (MHz)	RU Config	Act 8		Act 9		Act 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	
	802.11n-HT20 MCS0	140	5700	Full		16.00		16.00		19.00	99.82
		100	5500	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	
	802.11n-HT40 MCS0	132	5660	Full		16.00		16.00		19.00	99.51
		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-VHT20 MCS0	126	5630	Full		16.00		16.00		19.00	99.63
		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-VHT40 MCS0	124	5620	Full		16.00		16.00		19.00	99.51
		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-VHT80 MCS0	110	5550	Full		16.00		16.00		19.00	99.06
		126	5630	Full		16.00		16.00		19.00	
		134	5670	Full		16.00		16.00		19.00	
		106	5530	Full		16.00		16.00		19.00	
	802.11ac-VHT160 MCS0	122	5610	Full		16.00		16.00		19.00	99.07
	5.5GHz WLAN	802.11ax-HE20 MCS0	100	5500	Full	16.00	Not Required	16.00	Not Required	19.00	99.82
					26/0	8.00		8.00		11.00	
					52/3/7	11.00		11.00		14.00	
					106/5/3	15.00		15.00		18.00	
			116	5580	Full	16.00		16.00		19.00	
					Full	16.00		16.00		19.00	
					Full	16.00		16.00		19.00	
					Full	16.00		16.00		19.00	
			140	5700	Full	16.00		16.00		19.00	
					26/0	8.00		8.00		11.00	
					52/4/0	11.00		11.00		14.00	
					106/5/4	15.00		15.00		18.00	
		802.11ax-HE40 MCS0	102	5510	Full	16.00	16.00	19.00			
					242/8/1	16.00	16.00	19.00			
					Full	16.00	16.00	19.00			
					Full	16.00	16.00	19.00			
		126	5630	Full	16.00	16.00	19.00				
				Full	16.00	16.00	19.00				
				Full	16.00	16.00	19.00				
				242/8/2	16.00	16.00	19.00				
		802.11ax-HE80 MCS0	106	5530	Full	16.00	16.00	19.00			
					484/8/5	16.00	16.00	19.00			
					Full	16.00	16.00	19.00			
					484/8/6	16.00	16.00	19.00			
	802.11ax-HE160 MCS0	114	5570	Full	16.00	16.00	19.00				
				996/8/7	16.00	16.00	19.00				
				Full	16.00	16.00	19.00				
				996/9/6/7	16.00	16.00	19.00				

5.8GHz WLAN				body Reduced Power Level 2/3 (Simultaneous WWAN+WLANS/GHz+WWAN+WLANS 4GHz+WLANS/GHz)							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	Not Required	17.00	Not Required	17.00	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		Not Required	17.00	Not Required	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		17.00	15.55		17.00	18.50	20.00	99.06
		149	5745	Full		17.00		17.00	17.00		17.00	20.00		
	802.11ax-HE20 MCS0	149	5745	26/0		8.00		Not Required	Not Required	Not Required	8.00	11.00	99.82	
				52/3/7		11.00					11.00	14.00		
				106/5/3		15.00					15.00	18.00		
				Full		17.00					17.00	20.00		
		157	5785	Full		17.00					17.00	20.00		
				26/8		8.00					8.00	11.00		
				52/4/0		11.00					11.00	14.00		
				106/5/4		15.00					15.00	18.00		
	802.11ax-HE40 MCS0	151	5755	Full		17.00		17.00	20.00	99.38				
242/8/1				17.00	17.00	20.00								
Full				17.00	17.00	20.00								
242/8/1				17.00	17.00	20.00								
802.11ax-HE80 MCS0	155	5775	Full	17.00	17.00	20.00	98.86							
			484/8/5	17.00	17.00	20.00								
			Full	17.00	17.00	20.00								
			484/8/5	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	22.95	23.95	97.06	
		6	2437	FuL	19.01	20.06	19.33	20.06	22.18	23.95		
		11	2462	FuL	19.68	20.50	19.55	20.50	21.63	23.95		
	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	21.50		
		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	17.00	15.50	17.00	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	19.50		
	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	17.00	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	FuL	260	7.06	8.80	6.58	8.50	9.84	11.00	99.45
					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	
					FuL	17.30	18.50	17.37	18.50	20.35	21.50	
		6	2437	FuL	FuL	15.65	17.00	15.67	17.00	18.77	20.00	
					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		
3		2422	FuL	FuL	16.44	17.50	16.68	17.50	19.57	20.50		
				242061	14.19	15.50	14.30	15.50	17.26	18.50		
				FuL	16.76	18.00	16.71	18.00	19.75	21.00		
				FuL	15.35	16.50	15.51	16.50	18.49	19.50		
9	2452	FuL	242061	14.25	15.50	14.54	15.50	17.41	18.50	99.64		

5.2GHz WLAN					Hotspot on Level 1						Duty Cycle %
Mode	Channel	Frequency (MHz)	RU Config	Average power (dBm)	Turn-Up Limit	Ant A		Ant B			
						Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit		
802.11a (Mbps)	36	5180	FuL	15.56	17.50	15.62	17.50	18.60	20.50	99.05	
	40	5200	FuL	15.50	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		
802.11n-HT20 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		
802.11n-HT40 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	16.16	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		
				106053	12.41	14.00	12.51	14.00	15.68		17.00
	44	5200	FuL	17.13	19.00	17.24	19.00	20.20	22.00		
				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	9.40		10.00
				52040	9.27	11.00	9.55	11.00	12.42		14.00
			106054	12.74	14.00	13.06	14.00	15.91	17.00		
802.11ax-HE40 MCS0	38	5190	FuL	15.17	17.00	15.26	17.00	16.27	20.00	99.38	
				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
802.11ax-HE80 MCS0	42	5210	FuL	14.61	16.50	14.91	16.50	17.77	19.50	98.86	
				484065	14.72	16.00	14.47	16.00	17.61		19.00
				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		250	6.93	8.00	7.28	8.00	10.12	11.00	99.82
					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	
					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	
					208	6.56	8.00	7.42	8.00	10.02	11.00	
	802.11ax-HE40 MCS0	151	5795		52040	9.84	11.00	10.79	11.00	13.26	14.00	99.38
					106054	13.06	15.00	13.56	15.00	15.54	16.00	
					FuL	17.37	19.00	17.40	19.00	20.41	22.00	
					242061	16.67	17.86	16.77	17.86	19.73	20.86	
					FuL	17.24	19.00	17.45	19.00	20.36	22.00	
					159	5795	242061	16.98	17.86	16.37	17.70	
802.11ax-HE80 MCS0	155	5775		FuL	17.52	19.00	17.63	19.00	20.59	22.00	99.86	
				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