



FR1-TDD n77 PC3_ (Index 1/2/3/4/5/6)

Ant 7							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.65	22.80	22.79	23.5
100	PI/2 BPSK	1	137	22.05	22.20	22.07	
100	PI/2 BPSK	1	271	22.49	22.64	22.52	
100	PI/2 BPSK	135	0	21.81	21.92	21.76	23.0
100	PI/2 BPSK	135	69	22.07	22.24	22.13	23.5
100	PI/2 BPSK	135	138	21.70	21.82	21.68	23.0
100	PI/2 BPSK	270	0	21.66	21.85	21.66	
100	QPSK	1	1	22.66	22.78	22.62	23.5
100	QPSK	1	137	22.09	22.19	22.00	
100	QPSK	1	271	22.49	22.62	22.50	
100	QPSK	135	0	21.23	21.42	21.29	22.5
100	QPSK	135	69	22.14	22.24	22.09	23.5
100	QPSK	135	138	21.14	21.32	21.16	22.5
100	QPSK	270	0	21.18	21.36	21.18	
100	16QAM	1	1	21.71	21.83	21.63	22.5
100	64QAM	1	1	20.12	20.31	20.21	21.0
100	256QAM	1	1	18.14	18.31	18.14	19.0
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	22.53	22.66	22.63	23.5
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	22.51	22.66	22.66	23.5
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	22.47	22.64	22.59	23.5
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	22.50	22.61	22.61	23.5
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	22.52	22.67	22.69	23.5
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	22.51	22.65	22.64	23.5
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	22.45	22.63	22.63	23.5
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	22.50	22.60	22.61	23.5
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	22.46	22.61	22.60	23.5
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	22.49	22.64	22.63	23.5
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	22.47	22.62	22.69	23.5



Ant 7							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633332			23.5
Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		22.00		23.5
100	PI/2 BPSK	1	137		21.72		
100	PI/2 BPSK	1	271		21.55		
100	PI/2 BPSK	135	0		21.47		23.0
100	PI/2 BPSK	135	69		21.72		23.5
100	PI/2 BPSK	135	138		21.34		23.0
100	PI/2 BPSK	270	0		21.38		
100	QPSK	1	1		21.99		23.5
100	QPSK	1	137		21.78		
100	QPSK	1	271		21.44		
100	QPSK	135	0		20.90		22.5
100	QPSK	135	69		21.79		23.5
100	QPSK	135	138		20.69		22.5
100	QPSK	270	0		20.86		
100	16QAM	1	1		20.84		22.5
100	64QAM	1	1		19.31		21.0
100	256QAM	1	1		17.85		19.0
Channel				633000	633332	633666	23.5
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.95	21.98	21.92	23.5
Channel				632668	633332	634000	23.5
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.89	21.96	21.86	23.5
Channel				632334	633332	634332	23.5
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.86	21.95	21.85	23.5
Channel				632000	633332	634666	23.5
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.91	21.94	21.89	23.5
Channel				631668	633332	635000	23.5
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.88	21.94	21.85	23.5
Channel				631334	633332	635332	23.5
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.92	21.93	21.90	23.5
Channel				631000	633332	635666	23.5
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.87	21.89	21.83	23.5
Channel				630834	633332	635832	23.5
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.85	21.98	21.84	23.5
Channel				630668	633332	636000	23.5
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.87	21.90	21.88	23.5
Channel				630500	633332	636166	23.5
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.91	21.98	21.87	23.5
Channel				630334	633332	636332	23.5
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.91	21.90	21.86	23.5



FR1-TDD n77 PC2_ (Index 1/2/3/4/5/6)

Ant 7							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	26.5
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.55	25.82	25.74	26.5
100	PI/2 BPSK	1	137	25.10	25.24	25.23	
100	PI/2 BPSK	1	271	25.40	25.57	25.53	
100	PI/2 BPSK	135	0	24.83	24.94	24.84	26.0
100	PI/2 BPSK	135	69	25.15	25.29	25.28	26.5
100	PI/2 BPSK	135	138	24.71	24.84	24.75	26.0
100	PI/2 BPSK	270	0	24.73	24.87	24.80	
100	QPSK	1	1	25.49	25.66	25.58	26.5
100	QPSK	1	137	24.97	25.17	25.08	
100	QPSK	1	271	25.43	25.57	25.55	
100	QPSK	135	0	24.66	24.85	24.80	25.5
100	QPSK	135	69	25.10	25.24	25.21	26.5
100	QPSK	135	138	24.62	24.74	24.69	25.5
100	QPSK	270	0	24.61	24.81	24.79	
100	16QAM	1	1	24.65	24.80	24.78	25.5
100	64QAM	1	1	23.07	23.25	23.22	24.0
100	256QAM	1	1	21.14	21.29	21.20	22.0
Channel				649668	656000	662332	26.5
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	25.45	25.72	25.69	26.5
Channel				649334	656000	662666	26.5
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	25.42	25.71	25.65	26.5
Channel				649000	656000	663000	26.5
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	25.43	25.65	25.65	26.5
Channel				648668	656000	663332	26.5
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	25.38	25.74	25.72	26.5
Channel				648334	656000	663666	26.5
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	25.37	25.66	25.67	26.5
Channel				648000	656000	664000	26.5
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	25.39	25.73	25.67	26.5
Channel				647668	656000	664332	26.5
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	25.42	25.73	25.67	26.5
Channel				647500	656000	664500	26.5
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	25.38	25.66	25.71	26.5
Channel				647334	656000	664666	26.5
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	25.36	25.71	25.64	26.5
Channel				647168	656000	664832	26.5
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	25.40	25.65	25.73	26.5
Channel				647000	656000	665000	26.5
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	25.39	25.72	25.64	26.5



Ant 7							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633332			26.5
Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		25.40		26.5
100	PI/2 BPSK	1	137		24.87		
100	PI/2 BPSK	1	271		24.70		
100	PI/2 BPSK	135	0		24.51		26.0
100	PI/2 BPSK	135	69		24.93		26.5
100	PI/2 BPSK	135	138		24.44		26.0
100	PI/2 BPSK	270	0		24.51		
100	QPSK	1	1		25.39		26.5
100	QPSK	1	137		24.90		
100	QPSK	1	271		24.73		
100	QPSK	135	0		24.10		25.5
100	QPSK	135	69		24.91		26.5
100	QPSK	135	138		23.97		25.5
100	QPSK	270	0		24.05		
100	16QAM	1	1		24.54		25.5
100	64QAM	1	1		22.85		24.0
100	256QAM	1	1		20.92		22.0
Channel				633000	633332	633666	26.5
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.37	25.38	25.35	26.5
Channel				632668	633332	634000	26.5
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.28	25.35	25.33	26.5
Channel				632334	633332	634332	26.5
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.33	25.35	25.34	26.5
Channel				632000	633332	634666	26.5
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.31	25.35	25.27	26.5
Channel				631668	633332	635000	26.5
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.34	25.37	25.30	26.5
Channel				631334	633332	635332	26.5
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.27	25.28	25.35	26.5
Channel				631000	633332	635666	26.5
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.35	25.35	25.35	26.5
Channel				630834	633332	635832	26.5
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.27	25.28	25.30	26.5
Channel				630668	633332	636000	26.5
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.29	25.32	25.29	26.5
Channel				630500	633332	636166	26.5
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.33	25.37	25.27	26.5
Channel				630334	633332	636332	26.5
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.31	25.31	25.27	26.5



FR1-TDD n77 PC3_Sub (Index 1/4/5/6)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.34	24.57	24.42	25.4
100	PI/2 BPSK	1	137	23.59	23.56	23.57	
100	PI/2 BPSK	1	271	23.69	23.76	23.40	
100	PI/2 BPSK	135	0	23.87	24.05	23.95	24.9
100	PI/2 BPSK	135	69	23.64	23.65	23.61	25.4
100	PI/2 BPSK	135	138	23.55	23.56	23.56	24.9
100	PI/2 BPSK	270	0	23.77	23.73	23.67	
100	QPSK	1	1	24.27	24.51	24.36	25.4
100	QPSK	1	137	23.59	23.54	23.55	
100	QPSK	1	271	23.68	23.70	23.29	
100	QPSK	135	0	23.87	24.05	23.96	24.4
100	QPSK	135	69	23.66	23.60	23.62	25.4
100	QPSK	135	138	23.56	23.55	23.58	24.4
100	QPSK	270	0	23.77	23.72	23.67	
100	16QAM	1	1	24.31	24.40	24.21	24.4
100	64QAM	1	1	23.16	23.37	23.24	24.0
100	256QAM	1	1	21.18	21.43	21.24	22.0
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	24.30	24.56	24.37	25.4
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	24.30	24.50	24.41	25.4
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	24.33	24.49	24.41	25.4
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	24.29	24.54	24.33	25.4
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	24.30	24.53	24.34	25.4
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	24.31	24.49	24.36	25.4
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	24.24	24.48	24.38	25.4
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	24.29	24.51	24.42	25.4
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	24.33	24.47	24.40	25.4
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	24.28	24.48	24.40	25.4
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	24.31	24.56	24.39	25.4



Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633332			25.4
Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		24.44		25.4
100	PI/2 BPSK	1	137		23.59		
100	PI/2 BPSK	1	271		23.60		
100	PI/2 BPSK	135	0		23.95		24.9
100	PI/2 BPSK	135	69		23.59		25.4
100	PI/2 BPSK	135	138		23.53		24.9
100	PI/2 BPSK	270	0		23.72		
100	QPSK	1	1		24.35		25.4
100	QPSK	1	137		23.55		
100	QPSK	1	271		23.33		
100	QPSK	135	0		23.93		24.4
100	QPSK	135	69		23.61		25.4
100	QPSK	135	138		23.54		24.4
100	QPSK	270	0		23.71		
100	16QAM	1	1		24.14		24.4
100	64QAM	1	1		23.05		24.0
100	256QAM	1	1		21.17		22.0
Channel				633000	633332	633666	25.4
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.40	24.41	24.43	25.4
Channel				632668	633332	634000	25.4
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.41	24.43	24.41	25.4
Channel				632334	633332	634332	25.4
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.40	24.40	24.39	25.4
Channel				632000	633332	634666	25.4
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.37	24.41	24.38	25.4
Channel				631668	633332	635000	25.4
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.35	24.38	24.39	25.4
Channel				631334	633332	635332	25.4
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.42	24.41	24.40	25.4
Channel				631000	633332	635666	25.4
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.43	24.40	24.41	25.4
Channel				630834	633332	635832	25.4
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.41	24.40	24.39	25.4
Channel				630668	633332	636000	25.4
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.36	24.38	24.40	25.4
Channel				630500	633332	636166	25.4
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.38	24.41	24.39	25.4
Channel				630334	633332	636332	25.4
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.41	24.39	24.40	25.4



FR1-TDD n77 PC3_Sub (Index 2)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	20.7
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	19.84	19.85	19.84	20.7
100	PI/2 BPSK	1	137	18.93	18.94	18.89	
100	PI/2 BPSK	1	271	19.21	19.24	19.21	
100	PI/2 BPSK	135	0	18.91	19.00	18.96	20.7
100	PI/2 BPSK	135	69	18.98	19.01	18.97	20.7
100	PI/2 BPSK	135	138	18.83	18.86	18.85	20.7
100	PI/2 BPSK	270	0	19.08	19.11	19.01	
100	QPSK	1	1	19.80	19.84	19.80	20.7
100	QPSK	1	137	18.93	18.98	18.92	
100	QPSK	1	271	19.11	19.21	19.12	
100	QPSK	135	0	19.02	19.02	19.01	20.7
100	QPSK	135	69	19.00	19.03	18.97	20.7
100	QPSK	135	138	18.89	18.89	18.89	20.7
100	QPSK	270	0	19.11	19.12	19.06	
100	16QAM	1	1	19.84	19.84	19.74	20.7
100	64QAM	1	1	19.77	19.81	19.75	20.7
100	256QAM	1	1	19.75	19.83	19.82	20.7
Channel				649668	656000	662332	20.7
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	19.76	19.80	19.84	20.7
Channel				649334	656000	662666	20.7
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	19.75	19.82	19.77	20.7
Channel				649000	656000	663000	20.7
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	19.76	19.79	19.82	20.7
Channel				648668	656000	663332	20.7
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	19.77	19.79	19.83	20.7
Channel				648334	656000	663666	20.7
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	19.79	19.79	19.78	20.7
Channel				648000	656000	664000	20.7
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	19.84	19.79	19.81	20.7
Channel				647668	656000	664332	20.7
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	19.82	19.76	19.78	20.7
Channel				647500	656000	664500	20.7
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	19.75	19.81	19.84	20.7
Channel				647334	656000	664666	20.7
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	19.77	19.83	19.81	20.7
Channel				647168	656000	664832	20.7
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	19.79	19.78	19.81	20.7
Channel				647000	656000	665000	20.7
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	19.83	19.78	19.81	20.7



Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633332			20.7
Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		19.76		20.7
100	PI/2 BPSK	1	137		18.96		
100	PI/2 BPSK	1	271		18.86		
100	PI/2 BPSK	135	0		19.39		20.7
100	PI/2 BPSK	135	69		19.47		20.7
100	PI/2 BPSK	135	138		18.90		20.7
100	PI/2 BPSK	270	0		19.08		
100	QPSK	1	1		19.74		20.7
100	QPSK	1	137		19.01		
100	QPSK	1	271		19.00		
100	QPSK	135	0		19.32		20.7
100	QPSK	135	69		19.38		20.7
100	QPSK	135	138		18.92		20.7
100	QPSK	270	0		19.05		
100	16QAM	1	1		19.72		20.7
100	64QAM	1	1		19.74		20.7
100	256QAM	1	1		19.71		20.7
Channel				633000	633332	633666	20.7
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.75	19.70	19.69	20.7
Channel				632668	633332	634000	20.7
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.69	19.65	19.69	20.7
Channel				632334	633332	634332	20.7
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.75	19.66	19.73	20.7
Channel				632000	633332	634666	20.7
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.70	19.69	19.75	20.7
Channel				631668	633332	635000	20.7
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.66	19.71	19.71	20.7
Channel				631334	633332	635332	20.7
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.65	19.75	19.70	20.7
Channel				631000	633332	635666	20.7
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.69	19.74	19.67	20.7
Channel				630834	633332	635832	20.7
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.73	19.66	19.65	20.7
Channel				630668	633332	636000	20.7
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.69	19.67	19.75	20.7
Channel				630500	633332	636166	20.7
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.69	19.65	19.66	20.7
Channel				630334	633332	636332	20.7
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.75	19.70	19.74	20.7



FR1-TDD n77 PC3_Sub (Index 3)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	19.5
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.87	18.88	18.81	19.5
100	PI/2 BPSK	1	137	17.97	18.01	17.93	
100	PI/2 BPSK	1	271	18.21	18.25	18.21	
100	PI/2 BPSK	135	0	18.03	18.04	17.96	19.5
100	PI/2 BPSK	135	69	18.04	18.05	17.97	19.5
100	PI/2 BPSK	135	138	17.88	17.91	17.86	19.5
100	PI/2 BPSK	270	0	18.04	18.12	18.07	
100	QPSK	1	1	18.82	18.87	18.78	19.5
100	QPSK	1	137	17.90	18.00	17.90	
100	QPSK	1	271	18.22	18.23	18.17	
100	QPSK	135	0	18.05	18.05	18.02	19.5
100	QPSK	135	69	18.02	18.05	18.04	19.5
100	QPSK	135	138	17.86	17.95	17.88	19.5
100	QPSK	270	0	18.06	18.11	18.01	
100	16QAM	1	1	18.85	18.87	18.87	19.5
100	64QAM	1	1	18.81	18.85	18.76	19.5
100	256QAM	1	1	18.76	18.86	18.86	19.5
Channel				649668	656000	662332	19.5
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	18.78	18.82	18.75	19.5
Channel				649334	656000	662666	19.5
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	18.83	18.86	18.73	19.5
Channel				649000	656000	663000	19.5
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	18.83	18.82	18.78	19.5
Channel				648668	656000	663332	19.5
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	18.84	18.79	18.79	19.5
Channel				648334	656000	663666	19.5
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	18.86	18.84	18.74	19.5
Channel				648000	656000	664000	19.5
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	18.80	18.84	18.81	19.5
Channel				647668	656000	664332	19.5
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	18.82	18.85	18.80	19.5
Channel				647500	656000	664500	19.5
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	18.87	18.82	18.72	19.5
Channel				647334	656000	664666	19.5
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	18.87	18.81	18.75	19.5
Channel				647168	656000	664832	19.5
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	18.86	18.83	18.74	19.5
Channel				647000	656000	665000	19.5
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	18.80	18.87	18.81	19.5



Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633332			19.5
Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		18.74		19.5
100	PI/2 BPSK	1	137		17.94		
100	PI/2 BPSK	1	271		18.20		
100	PI/2 BPSK	135	0		18.36		19.5
100	PI/2 BPSK	135	69		18.38		19.5
100	PI/2 BPSK	135	138		17.88		19.5
100	PI/2 BPSK	270	0		18.07		
100	QPSK	1	1		18.72		19.5
100	QPSK	1	137		17.96		
100	QPSK	1	271		18.19		
100	QPSK	135	0		18.35		19.5
100	QPSK	135	69		18.35		19.5
100	QPSK	135	138		17.95		19.5
100	QPSK	270	0		18.02		
100	16QAM	1	1		18.72		19.5
100	64QAM	1	1		18.71		19.5
100	256QAM	1	1		18.70		19.5
Channel				633000	633332	633666	19.5
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.69	18.64	18.66	19.5
Channel				632668	633332	634000	19.5
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.72	18.65	18.71	19.5
Channel				632334	633332	634332	19.5
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.64	18.72	18.66	19.5
Channel				632000	633332	634666	19.5
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.72	18.73	18.64	19.5
Channel				631668	633332	635000	19.5
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.70	18.72	18.65	19.5
Channel				631334	633332	635332	19.5
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.71	18.68	18.64	19.5
Channel				631000	633332	635666	19.5
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.68	18.72	18.65	19.5
Channel				630834	633332	635832	19.5
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.69	18.66	18.65	19.5
Channel				630668	633332	636000	19.5
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.67	18.67	18.64	19.5
Channel				630500	633332	636166	19.5
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.65	18.66	18.68	19.5
Channel				630334	633332	636332	19.5
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.72	18.67	18.64	19.5



FR1-TDD n77 PC3_Sub (Index 1/5/6)

Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.89	24.33	24.31	24.8
100	PI/2 BPSK	1	137	23.22	23.63	23.63	
100	PI/2 BPSK	1	271	23.44	23.59	23.58	
100	PI/2 BPSK	135	0	23.45	23.87	23.82	24.3
100	PI/2 BPSK	135	69	23.28	23.69	23.65	24.8
100	PI/2 BPSK	135	138	23.34	23.75	23.75	24.3
100	PI/2 BPSK	270	0	23.40	23.79	23.75	
100	QPSK	1	1	23.84	24.28	24.19	24.8
100	QPSK	1	137	23.21	23.62	23.54	
100	QPSK	1	271	23.38	23.45	23.40	
100	QPSK	135	0	23.45	23.80	23.76	23.8
100	QPSK	135	69	23.27	23.68	23.64	24.8
100	QPSK	135	138	23.33	23.73	23.72	23.8
100	QPSK	270	0	23.37	23.80	23.74	
100	16QAM	1	1	23.87	24.01	23.98	24.8
100	64QAM	1	1	22.65	23.08	23.08	24.0
100	256QAM	1	1	20.73	21.17	21.17	22.0
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.85	24.23	24.25	24.8
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.88	24.29	24.30	24.8
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.79	24.23	24.25	24.8
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.79	24.30	24.25	24.8
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.89	24.26	24.25	24.8
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.87	24.31	24.31	24.8
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	23.85	24.28	24.23	24.8
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	23.85	24.27	24.21	24.8
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.81	24.26	24.23	24.8
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.88	24.26	24.27	24.8
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.86	24.32	24.25	24.8



Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633332			24.8
Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		24.22		24.8
100	PI/2 BPSK	1	137		23.53		
100	PI/2 BPSK	1	271		23.56		
100	PI/2 BPSK	135	0		23.76		24.3
100	PI/2 BPSK	135	69		23.54		24.8
100	PI/2 BPSK	135	138		23.63		24.3
100	PI/2 BPSK	270	0		23.69		
100	QPSK	1	1		24.20		24.8
100	QPSK	1	137		23.53		
100	QPSK	1	271		23.75		
100	QPSK	135	0		23.78		23.8
100	QPSK	135	69		23.58		24.8
100	QPSK	135	138		23.65		23.8
100	QPSK	270	0		23.71		
100	16QAM	1	1		24.20		24.8
100	64QAM	1	1		22.96		24.0
100	256QAM	1	1		20.99		22.0
Channel				633000	633332	633666	24.8
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.20	24.21	24.19	24.8
Channel				632668	633332	634000	24.8
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.15	24.20	24.18	24.8
Channel				632334	633332	634332	24.8
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.12	24.13	24.15	24.8
Channel				632000	633332	634666	24.8
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.15	24.16	24.17	24.8
Channel				631668	633332	635000	24.8
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.11	24.15	24.12	24.8
Channel				631334	633332	635332	24.8
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.16	24.15	24.13	24.8
Channel				631000	633332	635666	24.8
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.12	24.11	24.14	24.8
Channel				630834	633332	635832	24.8
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.12	24.17	24.13	24.8
Channel				630668	633332	636000	24.8
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.13	24.14	24.11	24.8
Channel				630500	633332	636166	24.8
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.14	24.13	24.16	24.8
Channel				630334	633332	636332	24.8
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.18	24.11	24.16	24.8



FR1-TDD n77 PC3_Sub (Index 2)

Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	21.7
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.54	21.55	21.49	21.7
100	PI/2 BPSK	1	137	20.98	21.08	21.01	
100	PI/2 BPSK	1	271	21.40	21.42	21.36	
100	PI/2 BPSK	135	0	21.06	21.15	21.11	21.7
100	PI/2 BPSK	135	69	21.15	21.16	21.10	21.7
100	PI/2 BPSK	135	138	21.12	21.13	21.09	21.7
100	PI/2 BPSK	270	0	21.11	21.17	21.13	
100	QPSK	1	1	21.51	21.54	21.49	21.7
100	QPSK	1	137	21.00	21.07	20.99	
100	QPSK	1	271	21.40	21.41	21.34	
100	QPSK	135	0	21.15	21.16	21.08	21.7
100	QPSK	135	69	21.14	21.15	21.06	21.7
100	QPSK	135	138	21.06	21.14	21.04	21.7
100	QPSK	270	0	21.08	21.16	21.06	
100	16QAM	1	1	21.46	21.51	21.44	21.7
100	64QAM	1	1	21.50	21.53	21.52	21.7
100	256QAM	1	1	21.48	21.50	21.42	21.7
Channel				649668	656000	662332	21.7
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.51	21.48	21.44	21.7
Channel				649334	656000	662666	21.7
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.45	21.46	21.47	21.7
Channel				649000	656000	663000	21.7
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.48	21.49	21.40	21.7
Channel				648668	656000	663332	21.7
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.54	21.54	21.47	21.7
Channel				648334	656000	663666	21.7
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.53	21.45	21.45	21.7
Channel				648000	656000	664000	21.7
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.49	21.46	21.49	21.7
Channel				647668	656000	664332	21.7
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	21.48	21.50	21.43	21.7
Channel				647500	656000	664500	21.7
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	21.45	21.51	21.44	21.7
Channel				647334	656000	664666	21.7
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.53	21.46	21.45	21.7
Channel				647168	656000	664832	21.7
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.52	21.46	21.41	21.7
Channel				647000	656000	665000	21.7
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.46	21.53	21.40	21.7



Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633332			21.7
Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		21.39		21.7
100	PI/2 BPSK	1	137		20.70		
100	PI/2 BPSK	1	271		20.05		
100	PI/2 BPSK	135	0		20.94		21.7
100	PI/2 BPSK	135	69		20.95		21.7
100	PI/2 BPSK	135	138		20.67		21.7
100	PI/2 BPSK	270	0		20.81		
100	QPSK	1	1		21.38		21.7
100	QPSK	1	137		20.71		
100	QPSK	1	271		20.05		
100	QPSK	135	0		20.95		21.7
100	QPSK	135	69		20.95		21.7
100	QPSK	135	138		20.65		21.7
100	QPSK	270	0		20.82		
100	16QAM	1	1		21.35		21.7
100	64QAM	1	1		21.38		21.7
100	256QAM	1	1		21.32		21.7
Channel				633000	633332	633666	21.7
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.29	21.31	21.29	21.7
Channel				632668	633332	634000	21.7
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.36	21.35	21.34	21.7
Channel				632334	633332	634332	21.7
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.37	21.30	21.37	21.7
Channel				632000	633332	634666	21.7
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.34	21.31	21.33	21.7
Channel				631668	633332	635000	21.7
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.38	21.34	21.34	21.7
Channel				631334	633332	635332	21.7
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.36	21.35	21.32	21.7
Channel				631000	633332	635666	21.7
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.34	21.33	21.35	21.7
Channel				630834	633332	635832	21.7
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.30	21.33	21.32	21.7
Channel				630668	633332	636000	21.7
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.32	21.31	21.35	21.7
Channel				630500	633332	636166	21.7
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.30	21.30	21.34	21.7
Channel				630334	633332	636332	21.7
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.29	21.32	21.34	21.7



FR1-TDD n77 PC3_Sub (Index 3)

Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	20.5
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.48	20.50	20.49	20.5
100	PI/2 BPSK	1	137	19.98	20.00	19.90	
100	PI/2 BPSK	1	271	20.43	20.46	20.39	
100	PI/2 BPSK	135	0	20.12	20.17	20.15	20.5
100	PI/2 BPSK	135	69	20.13	20.20	20.12	20.5
100	PI/2 BPSK	135	138	20.09	20.13	20.04	20.5
100	PI/2 BPSK	270	0	20.08	20.17	20.08	
100	QPSK	1	1	20.46	20.48	20.47	20.5
100	QPSK	1	137	19.99	20.02	20.02	
100	QPSK	1	271	20.43	20.43	20.41	
100	QPSK	135	0	20.10	20.15	20.05	20.5
100	QPSK	135	69	20.14	20.19	20.09	20.5
100	QPSK	135	138	20.07	20.15	20.11	20.5
100	QPSK	270	0	20.06	20.16	20.14	
100	16QAM	1	1	20.49	20.49	20.47	20.5
100	64QAM	1	1	20.48	20.49	20.43	20.5
100	256QAM	1	1	20.48	20.47	20.45	20.5
Channel				649668	656000	662332	20.5
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	20.49	20.46	20.46	20.5
Channel				649334	656000	662666	20.5
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	20.48	20.49	20.49	20.5
Channel				649000	656000	663000	20.5
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	20.46	20.45	20.41	20.5
Channel				648668	656000	663332	20.5
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.49	20.46	20.48	20.5
Channel				648334	656000	663666	20.5
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	20.46	20.47	20.48	20.5
Channel				648000	656000	664000	20.5
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.49	20.48	20.39	20.5
Channel				647668	656000	664332	20.5
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	20.44	20.46	20.41	20.5
Channel				647500	656000	664500	20.5
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	20.49	20.45	20.49	20.5
Channel				647334	656000	664666	20.5
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.47	20.48	20.40	20.5
Channel				647168	656000	664832	20.5
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.43	20.45	20.49	20.5
Channel				647000	656000	665000	20.5
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.46	20.47	20.41	20.5



Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633332			20.5
Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		20.43		20.5
100	PI/2 BPSK	1	137		19.69		
100	PI/2 BPSK	1	271		18.83		
100	PI/2 BPSK	135	0		19.94		20.5
100	PI/2 BPSK	135	69		19.95		20.5
100	PI/2 BPSK	135	138		19.67		20.5
100	PI/2 BPSK	270	0		19.81		
100	QPSK	1	1		20.40		20.5
100	QPSK	1	137		19.65		
100	QPSK	1	271		18.85		
100	QPSK	135	0		19.96		20.5
100	QPSK	135	69		19.96		20.5
100	QPSK	135	138		19.65		20.5
100	QPSK	270	0		19.80		
100	16QAM	1	1		20.41		20.5
100	64QAM	1	1		20.40		20.5
100	256QAM	1	1		20.40		20.5
Channel				633000	633332	633666	20.5
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.32	20.36	20.37	20.5
Channel				632668	633332	634000	20.5
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.38	20.34	20.37	20.5
Channel				632334	633332	634332	20.5
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.39	20.41	20.42	20.5
Channel				632000	633332	634666	20.5
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.32	20.37	20.42	20.5
Channel				631668	633332	635000	20.5
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.33	20.42	20.36	20.5
Channel				631334	633332	635332	20.5
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.34	20.34	20.40	20.5
Channel				631000	633332	635666	20.5
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.42	20.39	20.33	20.5
Channel				630834	633332	635832	20.5
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.39	20.33	20.35	20.5
Channel				630668	633332	636000	20.5
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.32	20.38	20.37	20.5
Channel				630500	633332	636166	20.5
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.40	20.41	20.39	20.5
Channel				630334	633332	636332	20.5
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.34	20.37	20.34	20.5



FR1-TDD n77 PC3_Sub (Index 4)

Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.53	22.54	22.47	23.4
100	PI/2 BPSK	1	137	22.07	22.07	21.99	
100	PI/2 BPSK	1	271	22.39	22.49	22.39	
100	PI/2 BPSK	135	0	22.23	22.23	22.22	23.4
100	PI/2 BPSK	135	69	22.23	22.24	22.21	23.4
100	PI/2 BPSK	135	138	22.17	22.18	22.17	23.4
100	PI/2 BPSK	270	0	22.10	22.15	22.15	
100	QPSK	1	1	22.47	22.53	22.49	23.4
100	QPSK	1	137	22.03	22.05	22.03	
100	QPSK	1	271	22.47	22.48	22.42	
100	QPSK	135	0	22.18	22.24	22.24	23.4
100	QPSK	135	69	22.16	22.23	22.13	23.4
100	QPSK	135	138	22.15	22.15	22.12	23.4
100	QPSK	270	0	22.16	22.16	22.10	
100	16QAM	1	1	22.50	22.52	22.49	23.4
100	64QAM	1	1	22.28	22.31	22.24	23.4
100	256QAM	1	1	20.22	20.30	20.20	21.9
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	22.49	22.44	22.44	23.4
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	22.53	22.50	22.43	23.4
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	22.52	22.51	22.39	23.4
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	22.49	22.51	22.46	23.4
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	22.45	22.50	22.41	23.4
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	22.50	22.45	22.40	23.4
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	22.45	22.48	22.40	23.4
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	22.45	22.52	22.39	23.4
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	22.51	22.45	22.46	23.4
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	22.53	22.44	22.45	23.4
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	22.47	22.49	22.47	23.4



Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633332			23.4
Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		22.32		23.4
100	PI/2 BPSK	1	137		21.73		
100	PI/2 BPSK	1	271		21.40		
100	PI/2 BPSK	135	0		21.97		23.4
100	PI/2 BPSK	135	69		22.00		23.4
100	PI/2 BPSK	135	138		21.42		23.4
100	PI/2 BPSK	270	0		21.79		
100	QPSK	1	1		22.31		23.4
100	QPSK	1	137		21.75		
100	QPSK	1	271		21.41		
100	QPSK	135	0		21.95		23.4
100	QPSK	135	69		21.99		23.4
100	QPSK	135	138		21.41		23.4
100	QPSK	270	0		21.78		
100	16QAM	1	1		22.31		23.4
100	64QAM	1	1		22.09		23.4
100	256QAM	1	1		20.13		21.9
Channel				633000	633332	633666	23.4
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.29	22.25	22.23	23.4
Channel				632668	633332	634000	23.4
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.22	22.22	22.31	23.4
Channel				632334	633332	634332	23.4
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.30	22.31	22.26	23.4
Channel				632000	633332	634666	23.4
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.26	22.27	22.27	23.4
Channel				631668	633332	635000	23.4
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.23	22.25	22.30	23.4
Channel				631334	633332	635332	23.4
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.29	22.29	22.27	23.4
Channel				631000	633332	635666	23.4
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.31	22.22	22.22	23.4
Channel				630834	633332	635832	23.4
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.28	22.27	22.26	23.4
Channel				630668	633332	636000	23.4
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.29	22.24	22.29	23.4
Channel				630500	633332	636166	23.4
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.25	22.23	22.28	23.4
Channel				630334	633332	636332	23.4
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.29	22.22	22.27	23.4



FR1-TDD n77 PC2_UL MIMO_Sub (Index 1/2/4/5/6)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	QPSK	1	1	21.92	21.85	21.75	22.6

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	QPSK	1	1		21.64		22.6

FR1-TDD n77 PC2_UL MIMO_Sub (Index 3)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	QPSK	1	1	21.92	21.85	21.75	22.5

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	QPSK	1	1		21.64		22.5

FR1-TDD n77 PC2_UL MIMO_Sub (Index 1/2/3/4/5/6)

Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	QPSK	1	1	20.90	21.46	21.93	22.0

Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	QPSK	1	1		21.24		22.0



WLAN 2.4GHz Power index 1/8

Burst Average Power(dBm)							
Transmit Antenna				SISO Ant 4			
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
	802.11b 1Mbps	1	2412	17.25	17.50		98.90
		6	2437	17.35	17.50		
		11	2462	17.25	17.50		
		12	2467	17.15	17.50		
		13	2472	17.35	17.50		

Burst Average Power(dBm)							
Transmit Antenna				SISO Ant 3			
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
	802.11b 1Mbps	1	2412	17.45	17.50		98.90
		6	2437	17.15	17.50		
		11	2462	17.45	17.50		
		12	2467	17.45	17.50		
		13	2472	17.25	17.50		

Burst Average Power(dBm)																											
Transmit Antenna				MIMO Ant 4+3																							
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %																	
	802.11g 6Mbps	1	2412	17.35	17.50	17.05	17.50	20.21	20.50		93.40																
		6	2437	17.45	17.50	16.45	17.50	19.99	20.50																		
		11	2462	17.45	17.50	17.15	17.50	20.31	20.50																		
		12	2467	17.15	17.50	17.05	17.50	20.11	20.50																		
		13	2472	16.25	17.00	15.85	17.00	19.06	20.00																		
	802.11n-HT20 MCS0	1	2412	not required	17.50	not required	17.50	17.50	not required		20.50																
		6	2437									17.50	20.50														
		11	2462									17.50	20.50														
		12	2467									17.50	20.50														
		13	2472									17.00	20.00														
	802.11ac-VHT20 MCS0	1	2412									not required	17.50	not required	17.50	17.50	not required	20.50									
		6	2437																17.50	20.50							
		11	2462																17.50	20.50							
		12	2467																17.50	20.50							
		13	2472																17.00	20.00							
	802.11ax-HE20 MCS0	1	2412																not required	17.50	not required	17.50	17.50	not required	20.50		
		6	2437																							17.50	20.50
		11	2462																							17.50	20.50
		12	2467																							17.50	20.50
13		2472	17.00							20.00																	



WLAN 2.4GHz Power index 2

Burst Average Power(dBm)							
Transmit Antenna				SISO Ant 4			
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
	802.11b 1Mbps	1	2412	15.45	15.50		98.90
		6	2437	15.45	15.50		
		11	2462	15.35	15.50		
		12	2467	15.35	15.50		
		13	2472	15.25	15.50		

Burst Average Power(dBm)							
Transmit Antenna				SISO Ant 3			
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
	802.11b 1Mbps	1	2412	15.45	15.50		98.90
		6	2437	15.25	15.50		
		11	2462	15.45	15.50		
		12	2467	15.25	15.50		
		13	2472	15.45	15.50		

Burst Average Power(dBm)											
Transmit Antenna				MIMO Ant 4+3							
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %	
	802.11g 6Mbps	1	2412	15.45	15.50	15.05	15.50	18.26	18.50		93.40
		6	2437	15.25	15.50	14.35	15.50	17.83	18.50		
		11	2462	15.45	15.50	15.25	15.50	18.36	18.50		
		12	2467	15.45	15.50	15.05	15.50	18.26	18.50		
		13	2472	15.45	15.50	15.05	15.50	18.26	18.50		
	802.11n-HT20 MCS0	1	2412	not required	15.50	not required	15.50	not required	18.50		not required
		6	2437		15.50		18.50				
		11	2462		15.50		18.50				
		12	2467		15.50		18.50				
		13	2472		15.50		18.50				
	802.11ac-VHT20 MCS0	1	2412	not required	15.50	not required	15.50	not required	18.50		not required
		6	2437		15.50		18.50				
		11	2462		15.50		18.50				
		12	2467		15.50		18.50				
	802.11ax-HE20 MCS0	1	2412	not required	15.50	not required	15.50	not required	18.50		not required
		6	2437		15.50		18.50				
		11	2462		15.50		18.50				
		12	2467		15.50		18.50				
		13	2472		15.50		18.50				



WLAN 2.4GHz Power index 3

Burst Average Power(dBm)						
Transmit Antenna				SISO Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	14.45	14.50	98.90
		6	2437	14.35	14.50	
		11	2462	14.15	14.50	
		12	2467	14.35	14.50	
		13	2472	14.45	14.50	

Burst Average Power(dBm)						
Transmit Antenna				SISO Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	14.45	14.50	98.90
		6	2437	14.25	14.50	
		11	2462	14.45	14.50	
		12	2467	14.25	14.50	
		13	2472	14.35	14.50	

Burst Average Power(dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	14.45	14.50	14.05	14.50	17.26	17.50	93.40
		6	2437	14.45	14.50	13.45	14.50	16.99	17.50	
		11	2462	14.45	14.50	14.15	14.50	17.31	17.50	
		12	2467	14.25	14.50	14.05	14.50	17.16	17.50	
		13	2472	14.45	14.50	14.15	14.50	17.31	17.50	
	802.11n-HT20 MCS0	1	2412	not required	not required	14.50	14.50	14.50	17.50	not required
		6	2437			14.50	14.50	17.50		
		11	2462			14.50	14.50	17.50		
		12	2467			14.50	14.50	17.50		
		13	2472			14.50	14.50	17.50		
	802.11ac-VHT20 MCS0	1	2412	not required	not required	14.50	14.50	14.50	17.50	not required
		6	2437			14.50	14.50	17.50		
		11	2462			14.50	14.50	17.50		
		12	2467			14.50	14.50	17.50		
	802.11ax-HE20 MCS0	1	2412	not required	not required	14.50	14.50	14.50	17.50	not required
		6	2437			14.50	14.50	17.50		
		11	2462			14.50	14.50	17.50		
		12	2467			14.50	14.50	17.50		
		13	2472			14.50	14.50	17.50		



WLAN 2.4GHz Power index 4

Burst Average Power(dBm)							
Transmit Antenna				SISO Ant 4			
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
	802.11b 1Mbps	1	2412	10.65	11.00		98.90
		6	2437	10.95	11.00		
		11	2462	10.85	11.00		
		12	2467	10.65	11.00		
		13	2472	10.55	11.00		

Burst Average Power(dBm)							
Transmit Antenna				SISO Ant 3			
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
	802.11b 1Mbps	1	2412	10.75	11.00		98.90
		6	2437	10.65	11.00		
		11	2462	10.95	11.00		
		12	2467	10.95	11.00		
		13	2472	10.75	11.00		

Burst Average Power(dBm)											
Transmit Antenna				MIMO Ant 4+3							
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %	
	802.11g 6Mbps	1	2412	10.95	11.00	10.55	11.00	13.76	14.00		93.40
		6	2437	10.95	11.00	10.25	11.00	13.62	14.00		
		11	2462	10.95	11.00	10.75	11.00	13.86	14.00		
		12	2467	10.95	11.00	10.65	11.00	13.81	14.00		
		13	2472	10.95	11.00	10.65	11.00	13.81	14.00		
	802.11n-HT20 MCS0	1	2412	not required	11.00	not required	11.00	11.00	14.00		14.00
		6	2437								
		11	2462								
		12	2467								
		13	2472								
	802.11ac-VHT20 MCS0	1	2412	not required	11.00	not required	11.00	11.00	14.00		14.00
		6	2437								
		11	2462								
		12	2467								
		13	2472								
	802.11ax-HE20 MCS0	1	2412	not required	11.00	not required	11.00	11.00	14.00		14.00
		6	2437								
		11	2462								
		12	2467								
13		2472									



WLAN 2.4GHz Power index 5/6

Burst Average Power(dBm)						
Transmit Antenna				SISO Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	22.95	23.00	98.90
		6	2437	22.85	23.00	
		11	2462	22.65	23.00	
		12	2467	22.55	23.00	
		13	2472	22.25	23.00	

Burst Average Power(dBm)						
Transmit Antenna				SISO Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	21.85	22.00	98.90
		6	2437	22.75	23.00	
		11	2462	22.75	23.00	
		12	2467	22.55	23.00	
		13	2472	20.55	21.00	

Burst Average Power(dBm)											
Transmit Antenna				MIMO Ant 4+3							
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %	
2.4GHz WLAN	802.11g 6Mbps	1	2412	20.00	20.00	19.65	20.00	22.84	23.00	93.40	
		6	2437	22.95	23.00	22.05	23.00	25.53	26.00		
		11	2462	19.95	20.00	19.55	20.00	22.76	23.00		
		12	2467	18.25	18.50	17.75	18.50	21.02	21.50		
		13	2472	16.25	17.00	15.85	17.00	19.06	20.00		
	802.11n-HT20 MCS0	1	2412	not required	20.00	not required	20.00	not required	23.00	not required	not required
		6	2437		23.00		23.00		26.00		
		11	2462		20.00		20.00		23.00		
		12	2467		18.50		18.50		21.50		
		13	2472		17.00		17.00		20.00		
	802.11ac-VHT20 MCS0	1	2412	not required	20.00	not required	20.00	not required	23.00	not required	not required
		6	2437		23.00		23.00		26.00		
		11	2462		20.00		20.00		23.00		
		12	2467		18.50		18.50		21.50		
	802.11ax-HE20 MCS0	1	2412	not required	20.00	not required	20.00	not required	23.00	not required	not required
		6	2437		23.00		23.00		26.00		
		11	2462		20.00		20.00		23.00		
		12	2467		18.50		18.50		21.50		
			13	2472	17.00	17.00	20.00	20.00	20.00		



WLAN 2.4GHz Power index 7

Burst Average Power(dBm)						
Transmit Antenna				SISO Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	20.75	21.00	98.90
		6	2437	20.85	21.00	
		11	2462	20.95	21.00	
		12	2467	20.75	21.00	
		13	2472	20.75	21.00	

Burst Average Power(dBm)						
Transmit Antenna				SISO Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	20.95	21.00	98.90
		6	2437	20.75	21.00	
		11	2462	20.75	21.00	
		12	2467	20.55	21.00	
		13	2472	20.55	21.00	

Burst Average Power(dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	20.00	20.00	19.65	20.00	22.84	23.00	93.40
		6	2437	20.75	21.00	19.75	21.00	23.29	24.00	
		11	2462	19.95	20.00	19.55	20.00	22.76	23.00	
		12	2467	18.25	18.50	17.75	18.50	21.02	21.50	
		13	2472	16.25	17.00	15.85	17.00	19.06	20.00	
	802.11n-HT20 MCS0	1	2412	not required	20.00	not required	20.00	not required	23.00	not required
		6	2437		21.00		21.00		24.00	
		11	2462		20.00		20.00		23.00	
		12	2467		18.50		18.50		21.50	
		13	2472		17.00		17.00		20.00	
	802.11ac-VHT20 MCS0	1	2412	not required	20.00	not required	20.00	not required	23.00	not required
		6	2437		21.00		21.00		24.00	
		11	2462		20.00		20.00		23.00	
		12	2467		18.50		18.50		21.50	
		13	2472		17.00		17.00		20.00	
	802.11ax-HE20 MCS0	1	2412	not required	20.00	not required	20.00	not required	23.00	not required
		6	2437		21.00		21.00		24.00	
		11	2462		20.00		20.00		23.00	
		12	2467		18.50		18.50		21.50	
		13	2472		17.00		17.00		20.00	



WLAN 5.2GHz Power index 1/2

Burst Average Power(dBm)										
Transmit Antenna				MIMO Ant 4+3						
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
		802.11a 6Mbps	36	5180	not required	13.50	not required	13.50	not required	16.50
40			5200	13.50		16.50				
44			5220	13.50		16.50				
48			5240	13.50		16.50				
802.11n-HT20 MCS0		36	5180	13.50		16.50				
		40	5200	13.50		16.50				
		44	5220	13.50		16.50				
		48	5240	13.50		16.50				
802.11n-HT40 MCS0		38	5190	13.50		16.50				
		46	5230	13.50		16.50				
802.11ac-VHT20 MCS0		36	5180	13.50		16.50				
		40	5200	13.50		16.50				
		44	5220	13.50		16.50				
		48	5240	13.50		16.50				
802.11ac-VHT40 MCS0		38	5190	13.50		16.50				
		46	5230	13.50		16.50				
802.11ac-VHT80 MCS0		42	5210	13.50		16.50				
802.11ax-HE20 MCS0		36	5180	13.50		16.50				
		40	5200	13.50		16.50				
		44	5220	13.50		16.50				
	48	5240	13.50	16.50						
802.11ax-HE40 MCS0	38	5190	13.50	16.50						
	46	5230	13.50	16.50						
802.11ax-HE80 MCS0	42	5210	13.50	16.50						



WLAN 5.2GHz Power index 3/4

Transmit Antenna				Burst Average Power(dBm)						
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	MIMO Ant 4+3						
				Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	10.00	not required	10.00	not required	13.00	not required
		40	5200		10.00		13.00			
		44	5220		10.00		13.00			
		48	5240		10.00		13.00			
	802.11n-HT20 MCS0	36	5180		10.00		13.00			
		40	5200		10.00		13.00			
		44	5220		10.00		13.00			
		48	5240		10.00		13.00			
	802.11n-HT40 MCS0	38	5190		10.00		13.00			
		46	5230		10.00		13.00			
	802.11ac-VHT20 MCS0	36	5180		10.00		13.00			
		40	5200		10.00		13.00			
		44	5220		10.00		13.00			
		48	5240		10.00		13.00			
	802.11ac-VHT40 MCS0	38	5190		10.00		13.00			
		46	5230		10.00		13.00			
	802.11ac-VHT80 MCS0	42	5210		10.00		13.00			
	802.11ax-HE20 MCS0	36	5180		10.00		13.00			
		40	5200		10.00		13.00			
		44	5220		10.00		13.00			
48		5240	10.00	13.00						
802.11ax-HE40 MCS0	38	5190	10.00	13.00						
	46	5230	10.00	13.00						
802.11ax-HE80 MCS0	42	5210	10.00	13.00						



WLAN 5.2GHz Power index 5/6

Burst Average Power(dBm)										
Transmit Antenna				MIMO Ant 4+3						
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
		802.11a 6Mbps	36	5180	not required	18.50	not required	18.50	not required	21.50
40			5200	18.50		18.50		21.50		
44			5220	18.50		18.50		21.50		
48			5240	18.50		18.50		21.50		
802.11n-HT20 MCS0		36	5180	18.50		18.50		21.50		
		40	5200	18.50		18.50		21.50		
		44	5220	18.50		18.50		21.50		
		48	5240	18.50		18.50		21.50		
802.11n-HT40 MCS0		38	5190	17.00		17.00		20.00		
		46	5230	18.50		18.50		21.50		
802.11ac-VHT20 MCS0		36	5180	18.50		18.50		21.50		
		40	5200	18.50		18.50		21.50		
		44	5220	18.50		18.50		21.50		
		48	5240	18.50		18.50		21.50		
802.11ac-VHT40 MCS0		38	5190	17.00		17.00		20.00		
		46	5230	18.50		18.50		21.50		
802.11ac-VHT80 MCS0		42	5210	16.50		16.50		19.50		
802.11ax-HE20 MCS0		36	5180	18.50		18.50		21.50		
		40	5200	18.50		18.50		21.50		
		44	5220	18.50		18.50		21.50		
	48	5240	18.50	18.50	21.50					
802.11ax-HE40 MCS0	38	5190	17.00	17.00	20.00					
	46	5230	18.50	18.50	21.50					
802.11ax-HE80 MCS0	42	5210	16.50	16.50	19.50					



WLAN 5.2GHz Power index 7

Burst Average Power(dBm)														
Transmit Antenna				MIMO Ant 4+3										
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %				
		802.11a 6Mbps	36	5180	not required	15.00	not required	15.00	not required	18.00	not required			
40			5200	15.00		18.00								
44			5220	15.00		18.00								
48			5240	15.00		18.00								
802.11n-HT20 MCS0		36	5180	15.00		18.00								
		40	5200	15.00		18.00								
		44	5220	15.00		18.00								
		48	5240	15.00		18.00								
802.11n-HT40 MCS0		38	5190	15.00		18.00								
		46	5230	15.00		18.00								
802.11ac-VHT20 MCS0		36	5180	15.00		18.00								
		40	5200	15.00		18.00								
		44	5220	15.00		18.00								
		48	5240	15.00		18.00								
802.11ac-VHT40 MCS0		38	5190	15.00		18.00								
		46	5230	15.00		18.00								
802.11ac-VHT80 MCS0		42	5210	14.40		15.00		13.30		15.00		16.90	18.00	87.95
802.11ax-HE20 MCS0		36	5180	not required		15.00		not required		15.00		not required	18.00	not required
		40	5200			15.00				18.00				
		44	5220			15.00				18.00				
	48	5240	15.00		18.00									
802.11ax-HE40 MCS0	38	5190	15.00		18.00									
	46	5230	15.00		18.00									
802.11ax-HE80 MCS0	42	5210	15.00		15.00	15.00	18.00							



WLAN 5.2GHz Power index 8/9

Transmit Antenna				Burst Average Power(dBm)										
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	MIMO Ant 4+3										
				Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %				
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	13.00	not required	13.00	not required	16.00	not required				
		40	5200		13.00		16.00							
		44	5220		13.00		16.00							
		48	5240		13.00		16.00							
	802.11n-HT20 MCS0	36	5180		13.00		13.00		16.00					
		40	5200		13.00		13.00		16.00					
		44	5220		13.00		13.00		16.00					
		48	5240		13.00		13.00		16.00					
	802.11n-HT40 MCS0	38	5190		13.00		13.00		16.00					
		46	5230		13.00		13.00		16.00					
	802.11ac-VHT20 MCS0	36	5180		13.00		13.00		16.00					
		40	5200		13.00		13.00		16.00					
		44	5220		13.00		13.00		16.00					
		48	5240		13.00		13.00		16.00					
	802.11ac-VHT40 MCS0	38	5190		13.00		13.00		16.00					
		46	5230		13.00		13.00		16.00					
	802.11ac-VHT80 MCS0	42	5210		12.90		13.00		11.60		13.00	15.31	16.00	87.95
	802.11ax-HE20 MCS0	36	5180		13.00		13.00		16.00					
		40	5200		13.00		13.00		16.00					
		44	5220		13.00		13.00		16.00					
48		5240	13.00	13.00	16.00									
802.11ax-HE40 MCS0	38	5190	13.00	13.00	16.00									
	46	5230	13.00	13.00	16.00									
802.11ax-HE80 MCS0	42	5210	13.00	13.00	16.00									



WLAN 5.3GHz Power index 1/2

Burst Average Power(dBm)														
Transmit Antenna				MIMO Ant 4+3										
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %				
		802.11a 6Mbps	52	5260	not required	13.50	not required	13.50	not required	16.50	not required			
56			5280	13.50		16.50								
60			5300	13.50		16.50								
64			5320	13.50		16.50								
802.11n-HT20 MCS0		52	5260	13.50		16.50								
		56	5280	13.50		16.50								
		60	5300	13.50		16.50								
		64	5320	13.50		16.50								
802.11n-HT40 MCS0		54	5270	13.50		16.50								
		62	5310	13.50		16.50								
802.11ac-VHT20 MCS0		52	5260	13.50		16.50								
		56	5280	13.50		16.50								
		60	5300	13.50		16.50								
		64	5320	13.50		16.50								
802.11ac-VHT40 MCS0		54	5270	13.50		16.50								
		62	5310	13.50		16.50								
802.11ac-VHT80 MCS0		58	5290	13.40		13.50		13.20		13.50		16.31	16.50	87.95
802.11ac-VHT160 MCS0		50	5250	13.40		13.50		13.10		13.50		16.26	16.50	86.84
802.11ax-HE20 MCS0		52	5260	not required		13.50		not required		13.50		not required	16.50	not required
		56	5280			13.50				16.50				
	60	5300	13.50		16.50									
	64	5320	13.50		16.50									
802.11ax-HE40 MCS0	54	5270	13.50		16.50									
	62	5310	13.50		16.50									
802.11ax-HE80 MCS0	58	5290	13.50		13.50	13.50	16.50		16.50	16.50				
802.11ax-HE160 MCS0	50	5250	13.50		13.50	13.50	16.50		16.50	16.50				



WLAN 5.3GHz Power index 3/4

Burst Average Power(dBm)														
Transmit Antenna				MIMO Ant 4+3										
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %				
	5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	10.00	not required	10.00	not required	13.00	not required			
56			5280	10.00		13.00								
60			5300	10.00		13.00								
64			5320	10.00		13.00								
802.11n-HT20 MCS0		52	5260	10.00		13.00								
		56	5280	10.00		13.00								
		60	5300	10.00		13.00								
		64	5320	10.00		13.00								
802.11n-HT40 MCS0		54	5270	10.00		13.00								
		62	5310	10.00		13.00								
802.11ac-VHT20 MCS0		52	5260	10.00		13.00								
		56	5280	10.00		13.00								
		60	5300	10.00		13.00								
		64	5320	10.00		13.00								
802.11ac-VHT40 MCS0		54	5270	10.00		13.00								
		62	5310	10.00		13.00								
802.11ac-VHT80 MCS0		58	5290	10.00		13.00								
802.11ac-VHT160 MCS0		50	5250	9.8		10.00		9.5		10.00		12.66	13.00	86.84
802.11ax-HE20 MCS0		52	5260	not required		10.00		not required		10.00		not required	13.00	not required
		56	5280			10.00				13.00				
	60	5300	10.00		13.00									
	64	5320	10.00		13.00									
802.11ax-HE40 MCS0	54	5270	10.00		13.00									
	62	5310	10.00		13.00									
802.11ax-HE80 MCS0	58	5290	10.00		13.00									
802.11ax-HE160 MCS0	50	5250	10.00		13.00									



WLAN 5.3GHz Power index 5/6

Burst Average Power(dBm)												
Transmit Antenna				MIMO Ant 4+3								
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %		
	802.11a 6Mbps	52	5260	18.40	18.50	18.20	18.50	21.31	21.50	93.18		
		56	5280	18.30	18.50	18.10	18.50	21.21	21.50			
		60	5300	18.40	18.50	18.10	18.50	21.26	21.50			
		64	5320	18.40	18.50	18.10	18.50	21.26	21.50			
	802.11n-HT20 MCS0	52	5260	not required	18.50	not required	18.50	not required	21.50	not required		
		56	5280		18.50		18.50					
		60	5300		18.50		18.50					
		64	5320		18.50		18.50					
	802.11n-HT40 MCS0	54	5270	18.40	18.50	18.30	18.50	21.36	21.50	96.79		
		62	5310	16.40	17.00	15.90	17.00	19.17	20.00			
	802.11ac-VHT20 MCS0	52	5260	not required	18.50	not required	18.50	not required	21.50	not required		
		56	5280		18.50		18.50					
		60	5300		18.50		18.50					
		64	5320		18.50		18.50					
802.11ac-VHT40 MCS0	54	5270	18.50		18.50		18.50		18.50		21.50	
	62	5310	17.00		17.00		17.00		17.00		20.00	
802.11ac-VHT80 MCS0	58	5290	16.00		16.00		16.00		16.00		19.00	
802.11ac-VHT160 MCS0	50	5250	15		15		15		15		18.00	
802.11ax-HE20 MCS0	52	5260	18.50		18.50		18.50		18.50		21.50	not required
	56	5280	18.50		18.50		18.50		18.50		21.50	
	60	5300	18.50		18.50		18.50		18.50		21.50	
	64	5320	18.50		18.50		18.50		18.50		21.50	
802.11ax-HE40 MCS0	54	5270	18.50		18.50		18.50		18.50		21.50	
	62	5310	17.00		17.00		17.00		17.00		20.00	
802.11ax-HE80 MCS0	58	5290	16.00		16.00		16.00		16.00		19.00	
802.11ax-HE160 MCS0	50	5250	15	15	15	15	18.00					



WLAN 5.3GHz Power index 7/8/9

Transmit Antenna				Burst Average Power(dBm)						
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	MIMO Ant 4+3						
				Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	17.50	not required	17.50	not required	20.50	not required
		56	5280		17.50		17.50		20.50	
		60	5300		17.50		17.50		20.50	
		64	5320		17.50		17.50		20.50	
	802.11n-HT20 MCS0	52	5260	not required	17.50	not required	17.50	not required	20.50	not required
		56	5280		17.50		17.50		20.50	
		60	5300		17.50		17.50		20.50	
		64	5320		17.50		17.50		20.50	
	802.11n-HT40 MCS0	54	5270	16.40	17.50	16.10	17.50	19.26	20.50	96.79
		62	5310	not required	17.00	not required	17.00	not required	20.00	not required
	802.11ac-VHT20 MCS0	52	5260		17.50		17.50		20.50	
		56	5280		17.50		17.50		20.50	
		60	5300		17.50		17.50		20.50	
		64	5320		17.50		17.50		20.50	
	802.11ac-VHT40 MCS0	54	5270		17.50		17.50		20.50	
		62	5310		17.00		17.00		20.00	
	802.11ac-VHT80 MCS0	58	5290		16.00		16.00		19.00	
	802.11ac-VHT160 MCS0	50	5250		15.00		15.00		18.00	
	802.11ax-HE20 MCS0	52	5260		17.50		17.50		20.50	
		56	5280		17.50		17.50		20.50	
60		5300	17.50		17.50		20.50			
64		5320	17.50	17.50	20.50					
802.11ax-HE40 MCS0	54	5270	17.50	17.50	20.50					
	62	5310	17.00	17.00	20.00					
802.11ax-HE80 MCS0	58	5290	16.00	16.00	19.00					
802.11ax-HE160 MCS0	50	5250	15.00	15.00	18.00					



WLAN 5.5GHz Power index 1/2

Transmit Antenna			Burst Average Power(dBm)											
Mode	Channel	Frequency (MHz)	MIMO Ant 4+3				MIMO Ant 4+3							
			Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %					
5.5GHz WLAN	802.11a 6Mbps	100	5500	not required	15.00	not required	15.00	not required	18.00	not required				
		116	5580		15.00		18.00							
		124	5620		15.00		18.00							
		132	5660		15.00		18.00							
		144	5720		15.00		18.00							
	802.11n-HT20 MCS0	100	5500		15.00		18.00							
		116	5580		15.00		18.00							
		124	5620		15.00		18.00							
		132	5660		15.00		18.00							
		144	5720		15.00		18.00							
	802.11n-HT40 MCS0	102	5510		15.00		18.00							
		110	5550		15.00		18.00							
		126	5630		15.00		18.00							
		134	5670		15.00		18.00							
	802.11ac-VHT20 MCS0	100	5500		15.00		18.00							
		116	5580		15.00		18.00							
		124	5620		15.00		18.00							
		132	5660		15.00		18.00							
		144	5720		15.00		18.00							
	802.11ac-VHT40 MCS0	102	5510		15.00		18.00							
		110	5550		15.00		18.00							
		126	5630		15.00		18.00							
		134	5670		15.00		18.00							
		142	5710		15.00		18.00							
	802.11ac-VHT80 MCS0	106	5530		14.80		15.00		14.50		15.00	17.66	18.00	87.95
		122	5610		14.80		15.00		14.10		15.00	17.47	18.00	
		138	5690		14.70		15.00		14.20		15.00	17.47	18.00	
	802.11ac-VHT160 MCS0	114	5570		14.90		15.00		14.50		15.00	17.71	18.00	86.84
	802.11ax-HE20 MCS0	100	5500		15.00		18.00							
		116	5580		15.00		18.00							
		124	5620		15.00		18.00							
		132	5660		15.00		18.00							
		144	5720		15.00		18.00							
	802.11ax-HE40 MCS0	102	5510		15.00		18.00							
		110	5550		15.00		18.00							
		126	5630		15.00		18.00							
		134	5670		15.00		18.00							
	802.11ax-HE80 MCS0	106	5530		15.00		18.00							
		122	5610		15.00		18.00							
		138	5690		15.00		18.00							
802.11ax-HE160 MCS0	114	5570	15.00	18.00										



WLAN 5.5GHz Power index 3

Transmit Antenna				Burst Average Power(dBm)										
Mode	Channel	Frequency (MHz)	MIMO Ant 4+3											
			Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %					
5.5GHz WLAN	802.11a 6Mbps	100	5500	not required	11.00	not required	11.00	not required	14.00	not required				
		116	5580		11.00		14.00							
		124	5620		11.00		14.00							
		132	5660		11.00		14.00							
		144	5720		11.00		14.00							
	802.11n-HT20 MCS0	100	5500		11.00		11.00		14.00					
		116	5580		11.00		11.00		14.00					
		124	5620		11.00		11.00		14.00					
		132	5660		11.00		11.00		14.00					
		144	5720		11.00		11.00		14.00					
	802.11n-HT40 MCS0	102	5510		11.00		11.00		14.00					
		110	5550		11.00		11.00		14.00					
		126	5630		11.00		11.00		14.00					
		134	5670		11.00		11.00		14.00					
		142	5710		11.00		11.00		14.00					
	802.11ac-VHT20 MCS0	100	5500		11.00		11.00		14.00					
		116	5580		11.00		11.00		14.00					
		124	5620		11.00		11.00		14.00					
		132	5660		11.00		11.00		14.00					
		144	5720		11.00		11.00		14.00					
	802.11ac-VHT40 MCS0	102	5510		11.00		11.00		14.00					
		110	5550		11.00		11.00		14.00					
		126	5630		11.00		11.00		14.00					
		134	5670		11.00		11.00		14.00					
		142	5710		11.00		11.00		14.00					
	802.11ac-VHT80 MCS0	106	5530		11.00		11.00		14.00					
		122	5610		11.00		11.00		14.00					
		138	5690		11.00		11.00		14.00					
	802.11ac-VHT160 MCS0	114	5570		10.50		11.00		10.00		11.00	13.27	14.00	86.84
	802.11ax-HE20 MCS0	100	5500		11.00		11.00		14.00					
		116	5580		11.00		11.00		14.00					
		124	5620		11.00		11.00		14.00					
		132	5660		11.00		11.00		14.00					
		144	5720		11.00		11.00		14.00					
	802.11ax-HE40 MCS0	102	5510		11.00		11.00		14.00					
		110	5550		11.00		11.00		14.00					
		126	5630		11.00		11.00		14.00					
		134	5670		11.00		11.00		14.00					
	802.11ax-HE80 MCS0	106	5530		11.00		11.00		14.00					
		122	5610		11.00		11.00		14.00					
138		5690	11.00	11.00	14.00									
802.11ax-HE160 MCS0	114	5570	11.00	11.00	14.00									



WLAN 5.5GHz Power index 4

Burst Average Power(dBm)														
Transmit Antenna				MIMO Ant 4+3										
Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %					
5.5GHz WLAN	802.11a 6Mbps	100	5500	not required	11.50	not required	11.50	not required	14.50	not required				
		116	5580		11.50		14.50							
		124	5620		11.50		14.50							
		132	5660		11.50		14.50							
		144	5720		11.50		14.50							
	802.11n-HT20 MCS0	100	5500		11.50		14.50							
		116	5580		11.50		14.50							
		124	5620		11.50		14.50							
		132	5660		11.50		14.50							
		144	5720		11.50		14.50							
	802.11n-HT40 MCS0	102	5510		11.50		14.50							
		110	5550		11.50		14.50							
		126	5630		11.50		14.50							
		134	5670		11.50		14.50							
		142	5710		11.50		14.50							
	802.11ac-VHT20 MCS0	100	5500		11.50		14.50							
		116	5580		11.50		14.50							
		124	5620		11.50		14.50							
		132	5660		11.50		14.50							
		144	5720		11.50		14.50							
	802.11ac-VHT40 MCS0	102	5510		11.50		14.50							
		110	5550		11.50		14.50							
		126	5630		11.50		14.50							
		134	5670		11.50		14.50							
		142	5710		11.50		14.50							
	802.11ac-VHT80 MCS0	106	5530		11.50		14.50							
		122	5610		11.50		14.50							
		138	5690		11.50		14.50							
	802.11ac-VHT160 MCS0	114	5570		11.20		11.50		10.50		11.50	13.87	14.50	86.84
	802.11ax-HE20 MCS0	100	5500		not required		11.50		not required		not required	not required	14.50	not required
		116	5580				11.50						14.50	
		124	5620				11.50						14.50	
		132	5660				11.50						14.50	
		144	5720				11.50						14.50	
	802.11ax-HE40 MCS0	102	5510				11.50						14.50	
		110	5550				11.50						14.50	
		126	5630				11.50						14.50	
		134	5670				11.50						14.50	
		142	5710				11.50						14.50	
	802.11ax-HE80 MCS0	106	5530				11.50						14.50	
122		5610	11.50	14.50										
138		5690	11.50	14.50										
802.11ax-HE160 MCS0	114	5570	11.50	11.50		11.50	14.50							



WLAN 5.5GHz Power index 5/6/7

Transmit Antenna			Burst Average Power(dBm)							
Mode	Channel	Frequency (MHz)	MIMO Ant 4+3				MIMO Ant 4+3			
			Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %	
5.5GHz WLAN	802.11a 6Mbps	100	5500	not required	18.50	not required	18.50	not required	21.50	not required
		116	5580		18.50		21.50			
		124	5620		18.50		21.50			
		132	5660		18.50		21.50			
		144	5720		18.50		21.50			
	802.11n-HT20 MCS0	100	5500		18.50		21.50			
		116	5580		18.50		21.50			
		124	5620		18.50		21.50			
		132	5660		18.50		21.50			
		144	5720		18.50		21.50			
	802.11n-HT40 MCS0	102	5510		15.00		18.00			
		110	5550		18.50		21.50			
		126	5630		18.50		21.50			
		134	5670		18.50		21.50			
	802.11ac-VHT20 MCS0	100	5500		18.50		21.50			
		116	5580		18.50		21.50			
		124	5620		18.50		21.50			
		132	5660		18.50		21.50			
	802.11ac-VHT40 MCS0	102	5510		15.00		18.00			
		110	5550		18.50		21.50			
126		5630	18.50	21.50						
134		5670	18.50	21.50						
802.11ac-VHT80 MCS0	106	5530	15.20	15.50	14.80	15.50	18.01	18.50	87.95	
	122	5610	18.40	18.50	17.60	18.50	21.03	21.50		
	138	5690	18.20	18.50	17.50	18.50	20.87	21.50		
802.11ac-VHT160 MCS0	114	5570		15.50		15.50		18.50		
802.11ax-HE20 MCS0	100	5500		18.50		18.50		21.50		
	116	5580		18.50		18.50		21.50		
	124	5620		18.50		18.50		21.50		
	132	5660		18.50		18.50		21.50		
	144	5720		18.50		18.50		21.50		
802.11ax-HE40 MCS0	102	5510	not required	15.00	not required	15.00	not required	18.00	not required	
	110	5550		18.50		18.50		21.50		
	126	5630		18.50		18.50		21.50		
	134	5670		18.50		18.50		21.50		
802.11ax-HE80 MCS0	106	5530		15.50		15.50		18.50		
	122	5610		18.50		18.50		21.50		
	138	5690		18.50		18.50		21.50		
802.11ax-HE160 MCS0	114	5570		15.50		15.50		18.50		



WLAN 5.5GHz Power index 8/9

Transmit Antenna				Burst Average Power(dBm)										
Mode	Channel	Frequency (MHz)	MIMO Ant 4+3											
			Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %					
5.5GHz WLAN	802.11a 6Mbps	100	5500	not required	17.50	not required	17.50	not required	20.50	not required				
		116	5580		17.50		20.50							
		124	5620		17.50		20.50							
		132	5660		17.50		20.50							
		144	5720		17.50		20.50							
	802.11n-HT20 MCS0	100	5500		17.50		17.50		20.50					
		116	5580		17.50		17.50		20.50					
		124	5620		17.50		17.50		20.50					
		132	5660		17.50		17.50		20.50					
		144	5720		17.50		17.50		20.50					
	802.11n-HT40 MCS0	102	5510		15.00		15.00		18.00					
		110	5550		17.50		17.50		20.50					
		126	5630		17.50		17.50		20.50					
		134	5670		17.50		17.50		20.50					
		142	5710		17.50		17.50		20.50					
	802.11ac-VHT20 MCS0	100	5500		17.50		17.50		20.50					
		116	5580		17.50		17.50		20.50					
		124	5620		17.50		17.50		20.50					
		132	5660		17.50		17.50		20.50					
		144	5720		17.50		17.50		20.50					
	802.11ac-VHT40 MCS0	102	5510		15.00		15.00		18.00					
		110	5550		17.50		17.50		20.50					
		126	5630		17.50		17.50		20.50					
		134	5670		17.50		17.50		20.50					
		142	5710		17.50		17.50		20.50					
	802.11ac-VHT80 MCS0	106	5530		15.20		15.50		14.80		15.50	18.01	18.50	87.95
		122	5610		16.30		17.50		15.70		17.50	19.02	20.50	
		138	5690		16.30		17.50		15.80		17.50	19.07	20.50	
	802.11ac-VHT160 MCS0	114	5570		15.50		15.50		15.50		15.50	18.50		
	802.11ax-HE20 MCS0	100	5500		17.50		17.50		20.50					
		116	5580		17.50		17.50		20.50					
		124	5620		17.50		17.50		20.50					
		132	5660		17.50		17.50		20.50					
		144	5720		17.50		17.50		20.50					
	802.11ax-HE40 MCS0	102	5510		17.50		17.50		20.50					
		110	5550		17.50		17.50		20.50					
		126	5630		17.50		17.50		20.50					
		134	5670		17.50		17.50		20.50					
	802.11ax-HE80 MCS0	106	5530		17.50		17.50		20.50					
		122	5610		17.50		17.50		20.50					
138		5690	17.50	17.50	20.50									
114		5570	15.50	15.50	18.50									



WLAN 5.8GHz Power index 1/2

Transmit Antenna			Burst Average Power(dBm)							
Mode	Channel	Frequency (MHz)	MIMO Ant 4+3				MIMO Ant 4+3			
			Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Average power (dBm) 4+3	Tune-Up Limit 4+3
5.8GHz WLAN	802.11a 6Mbps	149	5745	not required	16.00	not required	16.00	not required	19.00	not required
		157	5785		16.00		16.00		19.00	
		165	5825		16.00		16.00		19.00	
	802.11n-HT20 MCS0	149	5745	not required	16.00	not required	16.00	not required	19.00	not required
		157	5785		16.00		16.00		19.00	
		165	5825		16.00		16.00		19.00	
	802.11n-HT40 MCS0	151	5755	15.90	16.00	15.30	16.00	18.62	19.00	96.79
		159	5795	15.90	16.00	15.20	16.00	18.57	19.00	
	802.11ac-VHT20 MCS0	149	5745	not required	16.00	not required	16.00	not required	19.00	not required
		157	5785		16.00		16.00		19.00	
		165	5825		16.00		16.00		19.00	
	802.11ac-VHT40 MCS0	151	5755	not required	16.00	not required	16.00	not required	19.00	not required
		159	5795		16.00		16.00		19.00	
	802.11ac-VHT80 MCS0	155	5775	15.70	16.00	15.20	16.00	18.47	19.00	87.95
	802.11ax-HE20 MCS0	149	5745	not required	16.00	not required	16.00	not required	19.00	not required
157		5785	16.00		16.00		19.00			
165		5825	16.00		16.00		19.00			
802.11ax-HE40 MCS0	151	5755	not required	16.00	not required	16.00	not required	19.00	not required	
	159	5795		16.00		16.00		19.00		
802.11ax-HE80 MCS0	155	5775	not required	16.00	not required	16.00	not required	19.00	not required	



WLAN 5.8GHz Power index 3/4

Burst Average Power(dBm)														
Transmit Antenna				MIMO Ant 4+3										
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %				
	5.8GHz WLAN	802.11a 6Mbps	149	5745	not required	12.00	not required	12.00	not required	15.00	not required			
157			5785	12.00		15.00								
165			5825	12.00		15.00								
802.11n-HT20 MCS0		149	5745	12.00		15.00								
		157	5785	12.00		15.00								
		165	5825	12.00		15.00								
802.11n-HT40 MCS0		151	5755	12.00		15.00								
		159	5795	12.00		15.00								
802.11ac-VHT20 MCS0		149	5745	12.00		15.00								
		157	5785	12.00		15.00								
		165	5825	12.00		15.00								
802.11ac-VHT40 MCS0		151	5755	12.00		15.00								
		159	5795	12.00		15.00								
802.11ac-VHT80 MCS0		155	5775	11.80		12.00		11.50		12.00		14.66	15.00	87.95
802.11ax-HE20 MCS0		149	5745	not required		12.00		not required		12.00		not required	15.00	not required
		157	5785			12.00				15.00				
		165	5825			12.00				15.00				
802.11ax-HE40 MCS0		151	5755			12.00				15.00				
	159	5795	12.00		15.00									
802.11ax-HE80 MCS0	155	5775	12.00		12.00	12.00	15.00							



WLAN 5.8GHz Power index 5/6

Burst Average Power(dBm)											
Transmit Antenna				MIMO Ant 4+3							
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
	802.11a 6Mbps	149	5745	not required	20.40	21.00	not required	21.00	23.21	24.00	87.95
		157	5785			21.00				24.00	
		165	5825			21.00				24.00	
	802.11n-HT20 MCS0	149	5745			21.00				24.00	
		157	5785			21.00				24.00	
		165	5825			21.00				24.00	
	802.11n-HT40 MCS0	151	5755			21.00				24.00	
		159	5795			21.00				24.00	
	802.11ac-VHT20 MCS0	149	5745			21.00				24.00	
		157	5785			21.00				24.00	
		165	5825			21.00				24.00	
	802.11ac-VHT40 MCS0	151	5755			21.00				24.00	
159		5795	21.00			24.00					
802.11ac-VHT80 MCS0	155	5775	20.40	21.00	20.00	21.00	23.21	24.00	87.95		
802.11ax-HE20 MCS0	149	5745	not required	20.40	21.00	not required	21.00	23.21	24.00	87.95	
	157	5785			21.00				24.00		
	165	5825			21.00				24.00		
802.11ax-HE40 MCS0	151	5755			21.00				24.00		
	159	5795			21.00				24.00		
802.11ax-HE80 MCS0	155	5775			21.00				24.00		



WLAN 5.8GHz Power index 7

Burst Average Power(dBm)											
Transmit Antenna				MIMO Ant 4+3							
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %	
	802.11a 6Mbps	149	5745	not required	18.50	not required	18.50	not required	21.50	not required	87.95
5785											
5825											
802.11n-HT20 MCS0		149	5745								
		157	5785								
		165	5825								
802.11n-HT40 MCS0		151	5755								
		159	5795								
802.11ac-VHT20 MCS0		149	5745								
		157	5785								
		165	5825								
802.11ac-VHT40 MCS0		151	5755								
	159	5795									
802.11ac-VHT80 MCS0	155	5775	18.20	18.50	17.70	18.50	20.97	21.50	87.95		
802.11ax-HE20 MCS0	149	5745	not required	18.50	not required	18.50	not required	21.50	not required	87.95	
	157	5785									
	165	5825									
802.11ax-HE40 MCS0	151	5755									
	159	5795									
802.11ax-HE80 MCS0	155	5775									



WLAN 5.8GHz Power index 8

Transmit Antenna			Burst Average Power(dBm)											
Mode	Channel	Frequency (MHz)	MIMO Ant 4+3				MIMO Ant 4+3							
			Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %					
5.8GHz WLAN	802.11a 6Mbps	149	5745	not required	16.50	not required	16.50	not required	19.50	not required				
		157	5785		16.50		16.50		19.50					
		165	5825		16.50		16.50		19.50					
	802.11n-HT20 MCS0	149	5745		16.50		16.50		19.50					
		157	5785		16.50		16.50		19.50					
		165	5825		16.50		16.50		19.50					
	802.11n-HT40 MCS0	151	5755		16.50		16.50		19.50					
		159	5795		16.50		16.50		19.50					
	802.11ac-VHT20 MCS0	149	5745		16.50		16.50		19.50					
		157	5785		16.50		16.50		19.50					
		165	5825		16.50		16.50		19.50					
	802.11ac-VHT40 MCS0	151	5755		16.50		16.50		19.50					
		159	5795		16.50		16.50		19.50					
	802.11ac-VHT80 MCS0	155	5775		16.20		16.50		16.00		16.50	19.11	19.50	87.95
	802.11ax-HE20 MCS0	149	5745		not required		16.50		not required		16.50	not required	19.50	not required
		157	5785				16.50				16.50		19.50	
		165	5825				16.50				16.50		19.50	
	802.11ax-HE40 MCS0	151	5755				16.50				16.50		19.50	
		159	5795				16.50				16.50		19.50	
	802.11ax-HE80 MCS0	155	5775				16.50				16.50		16.50	



WLAN 5.8GHz Power index 9

Transmit Antenna			Burst Average Power(dBm)											
Mode	Channel	Frequency (MHz)	MIMO Ant 4+3				MIMO Ant 4+3							
			Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %					
5.8GHz WLAN	802.11a 6Mbps	149	5745	not required	17.50	not required	17.50	not required	20.50	not required				
		157	5785		17.50		17.50		20.50					
		165	5825		17.50		17.50		20.50					
	802.11n-HT20 MCS0	149	5745		17.50		17.50		20.50					
		157	5785		17.50		17.50		20.50					
		165	5825		17.50		17.50		20.50					
	802.11n-HT40 MCS0	151	5755		17.50		17.50		20.50					
		159	5795		17.50		17.50		20.50					
	802.11ac-VHT20 MCS0	149	5745		17.50		17.50		20.50					
		157	5785		17.50		17.50		20.50					
		165	5825		17.50		17.50		20.50					
	802.11ac-VHT40 MCS0	151	5755		17.50		17.50		20.50					
		159	5795		17.50		17.50		20.50					
	802.11ac-VHT80 MCS0	155	5775		16.20		17.50		16.00		17.50	19.11	20.50	87.95
	802.11ax-HE20 MCS0	149	5745		not required		17.50		not required		17.50	not required	20.50	not required
		157	5785				17.50				17.50		20.50	
		165	5825				17.50				17.50		20.50	
	802.11ax-HE40 MCS0	151	5755				17.50				17.50		20.50	
		159	5795				17.50				17.50		20.50	
	802.11ax-HE80 MCS0	155	5775				17.50				17.50		20.50	



WLAN 5.8GHz UNII4 Power index 1/2

Transmit Antenna			Burst Average Power(dBm)											
Mode	Channel	Frequency (MHz)	MIMO Ant 4+3				MIMO Ant 4+3							
			Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %					
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845	not required	16.50	not required	16.50	not required	19.50	not required				
		173	5865		16.50		16.50		19.50					
		177	5885		16.50		16.50		19.50					
	802.11n-HT20 MCS0	169	5845		16.50		16.50		19.50					
		173	5865		16.50		16.50		19.50					
		177	5885		16.50		16.50		19.50					
	802.11n-HT40 MCS0	167	5835		16.50		16.50		19.50					
		175	5875		16.50		16.50		19.50					
	802.11ac-VHT20 MCS0	169	5845		16.50		16.50		19.50					
		173	5865		16.50		16.50		19.50					
		177	5885		16.50		16.50		19.50					
	802.11ac-VHT40 MCS0	167	5835		16.50		16.50		19.50					
		175	5875		16.50		16.50		19.50					
	802.11ac-VHT80 MCS0	171	5855		16.20		16.50		15.60		16.50	18.92	19.50	88.10
	802.11ac-VHT160 MCS0	163	5815		16.30		16.50		16.20		16.50	19.26	19.50	87.01
	802.11ax-HE20 MCS0	169	5845		not required		16.50		not required		16.50	not required	19.50	not required
		173	5865				16.50				16.50		19.50	
		177	5885				16.50				16.50		19.50	
802.11ax-HE40 MCS0	167	5835	16.50	16.50		19.50								
	175	5875	16.50	16.50		19.50								
802.11ax-HE80 MCS0	171	5855	16.50	16.50		19.50								
802.11ax-HE160 MCS0	163	5815	16.50	16.50		19.50								



WLAN 5.8GHz UNII4 Power index 3/4

Burst Average Power(dBm)																	
Transmit Antenna				MIMO Ant 4+3													
5.8GHz WLAN UNII4	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %							
	802.11a 6Mbps	169	5845	not required	12.50	not required	12.50	not required	15.50	15.50	not required						
		173	5865														
		177	5885														
	802.11n-HT20 MCS0	169	5845														
		173	5865														
		177	5885														
	802.11n-HT40 MCS0	167	5835														
		175	5875														
	802.11ac-VHT20 MCS0	169	5845														
		173	5865														
		177	5885														
	802.11ac-VHT40 MCS0	167	5835														
		175	5875														
	802.11ac-VHT80 MCS0	171	5855														
	802.11ac-VHT160 MCS0	163	5815									12.00	12.50	11.50	12.50	14.77	15.50
802.11ax-HE20 MCS0	169	5845	not required									12.50	not required	12.50	not required	15.50	15.50
	173	5865															
	177	5885															
802.11ax-HE40 MCS0	167	5835															
	175	5875															
802.11ax-HE80 MCS0	171	5855															
802.11ax-HE160 MCS0	163	5815															



WLAN 5.8GHz UNII4 Power index 5/6

Burst Average Power(dBm)											
Transmit Antenna				MIMO Ant 4+3							
5.8GHz WLAN UNII4	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
	802.11a 6Mbps	169	5845	not required	not required	not required	not required	not required	not required	20.00	23.00
		173	5865							20.00	23.00
		177	5885							20.00	23.00
	802.11n-HT20 MCS0	169	5845							20.00	23.00
		173	5865							20.00	23.00
		177	5885							20.00	23.00
	802.11n-HT40 MCS0	167	5835							20.00	23.00
		175	5875							20.00	23.00
	802.11ac-VHT20 MCS0	169	5845							20.00	23.00
173		5865	20.00	23.00							
177		5885	20.00	23.00							
802.11ac-VHT40 MCS0	167	5835	20.00	23.00							
	175	5875	20.00	23.00							
802.11ac-VHT80 MCS0	171	5855	19.40	20.00	19.20	20.00	22.31	23.00	88.10		
802.11ac-VHT160 MCS0	163	5815	19.10	20.00	18.90	20.00	22.01	23.00	87.01		
802.11ax-HE20 MCS0	169	5845	not required	not required	not required	not required	not required	not required	20.00	23.00	
	173	5865							20.00	23.00	
	177	5885							20.00	23.00	
802.11ax-HE40 MCS0	167	5835							20.00	23.00	
	175	5875							20.00	23.00	
802.11ax-HE80 MCS0	171	5855							20.00	23.00	
802.11ax-HE160 MCS0	163	5815							20.00	23.00	



WLAN 5.8GHz UNII4 Power index 7/8/9

Burst Average Power(dBm)														
Transmit Antenna				MIMO Ant 4+3										
5.8GHz WLAN UNII4	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %				
	5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845	not required	19.50	not required	19.50	not required	22.50	not required			
173			5865	19.50		22.50								
177			5885	19.50		22.50								
802.11n-HT20 MCS0		169	5845	19.50		19.50		22.50						
		173	5865	19.50		19.50		22.50						
		177	5885	19.50		19.50		22.50						
802.11n-HT40 MCS0		167	5835	19.50		19.50		22.50						
		175	5875	19.50		19.50		22.50						
802.11ac-VHT20 MCS0		169	5845	19.50		19.50		22.50						
		173	5865	19.50		19.50		22.50						
		177	5885	19.50		19.50		22.50						
802.11ac-VHT40 MCS0		167	5835	19.50		19.50		22.50						
		175	5875	19.50		19.50		22.50						
802.11ac-VHT80 MCS0		171	5855	19.40		19.50		19.20		19.50		22.31	22.50	88.10
802.11ac-VHT160 MCS0		163	5815	19.10		19.50		18.90		19.50		22.01	22.50	87.01
802.11ax-HE20 MCS0		169	5845	not required		19.50		not required		19.50		not required	22.50	not required
		173	5865			19.50				22.50				
		177	5885			19.50				22.50				
802.11ax-HE40 MCS0	167	5835	19.50		19.50	22.50								
	175	5875	19.50		19.50	22.50								
802.11ax-HE80 MCS0	171	5855	19.50		19.50	22.50								
802.11ax-HE160 MCS0	163	5815	19.50		19.50	22.50								



WLAN(6E) Power index 1/2

Burst Average Power(dBm)											
Transmit Antenna				MIMO Ant 4+3							
Mode	Channel	Frequency (MHz)	Average power (dBm)								Duty Cycle %
			Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3			
WiFi 6E	802.11a 6Mbps	1	5955	not required	5.50	not required	5.50	not required	8.50	not required	
		57	6235		5.50		5.50		8.50		
		113	6515		5.50		5.50		8.50		
		173	6815		5.50		5.50		8.50		
	802.11ax-HE20 MCS0	1	5955		6.00		6.00		9.00		
		57	6235		6.00		6.00		9.00		
		113	6515		7.00		7.00		10.00		
		173	6815		6.00		6.00		9.00		
	802.11ax-HE40 MCS0	3	5965		10.00		10.00		13.00		
		59	6245		10.00		10.00		13.00		
		107	6485		10.00		10.00		13.00		
		171	6805		10.00		10.00		13.00		
	802.11ax-HE80 MCS0	227	7085		9.50		9.50		12.50		
		7	5985		12.50		12.50		15.50		
		71	6305		12.50		12.50		15.50		
		119	6545		12.50		12.50		15.50		
	802.11ax-HE160 MCS0	167	6785		11.50		11.50		14.50		
		215	7025		12.00		12.00		15.00		
		15	6025		14.90		15.00		17.86		
		47	6185		14.80		15.00		17.66		
	111	6505	13.00	13.00	15.86						
	175	6825	11.40	11.50	14.41						
	207	6985	14.40	15.00	17.56						



WLAN(6E) Power index 3/4

Burst Average Power(dBm)										
Transmit Antenna				MIMO Ant 4+3						
Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)		Average power (dBm) 4+3(3)		Average power (dBm) 4+3		Duty Cycle %	
			Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3		
WiFi 6E	802.11a 6Mbps	1	5955	not required	5.50	not required	5.50	not required	8.50	not required
		57	6235		5.50		5.50		8.50	
		113	6515		5.50		5.50		8.50	
		173	6815		5.50		5.50		8.50	
	802.11ax-HE20 MCS0	1	5955		6.00		6.00		9.00	
		57	6235		6.00		6.00		9.00	
		113	6515		7.00		7.00		10.00	
		173	6815		6.00		6.00		9.00	
	802.11ax-HE40 MCS0	3	5965		10.00		10.00		13.00	
		59	6245		10.00		10.00		13.00	
		107	6485		10.00		10.00		13.00	
		171	6805		10.00		10.00		13.00	
	802.11ax-HE80 MCS0	227	7085		9.50		9.50		12.50	
		7	5985		12.50		12.50		15.50	
		71	6305		12.50		12.50		15.50	
		119	6545		12.50		12.50		15.50	
	802.11ax-HE160 MCS0	167	6785		11.50		11.50		14.50	
		215	7025		12.00		12.00		15.00	
		15	6025		13.90		14.00		16.91	
		47	6185		13.90		14.00		16.81	
802.11ax-HE160 MCS0	111	6505	13.00	13.00	15.86					
	175	6825	11.40	11.50	14.41					
	207	6985	13.20	13.50	16.31					



WLAN(6E) Power index 5/6/7/8/9

Burst Average Power(dBm)										
Transmit Antenna				MIMO Ant 4+3						
WIFI 6E	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
	WIFI 6E	802.11a 6Mbps	1	5955	not required	5.50	not required	5.50	not required	8.50
57			6235	5.50		5.50		8.50		
113			6515	5.50		5.50		8.50		
173			6815	5.50		5.50		8.50		
802.11ax-HE20 MCS0		1	5955	6.00		6.00		9.00		
		57	6235	6.00		6.00		9.00		
		113	6515	7.00		7.00		10.00		
		173	6815	6.00		6.00		9.00		
802.11ax-HE40 MCS0		3	5965	10.00		10.00		13.00		
		59	6245	10.00		10.00		13.00		
		107	6485	10.00		10.00		13.00		
		171	6805	10.00		10.00		13.00		
802.11ax-HE80 MCS0		227	7085	9.50		9.50		12.50		
		7	5985	12.50		12.50		15.50		
		71	6305	12.50		12.50		15.50		
		119	6545	12.50		12.50		15.50		
802.11ax-HE160 MCS0		167	6785	11.50		11.50		14.50		
		215	7025	12.00		12.00		15.00		
		15	6025	13.10		13.50		16.50		
		47	6185	13.20		13.50		16.50		
802.11ax-HE160 MCS0	111	6505	13.50	13.50	16.50					
	175	6825	12.60	13.00	16.00					
	207	6985	14.40	15.00	18.00					
										85.07



Bluetooth Power Index 1

Mode	Channel	Frequency (MHz)	Ant 4			Mode	Channel	Frequency (MHz)	Ant 3		
			Average power (dBm)						Average power (dBm)		
			1Mbps	2Mbps	3Mbps				1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.79	not required	not required	BR / EDR	CH 00	2402	10.62	not required	not required
	CH 39	2441	11.91				CH 39	2441	11.52		
	CH 78	2480	11.50				CH 78	2480	10.29		
Tune-up Limit			12	12	12	Tune-up Limit			12	12	12

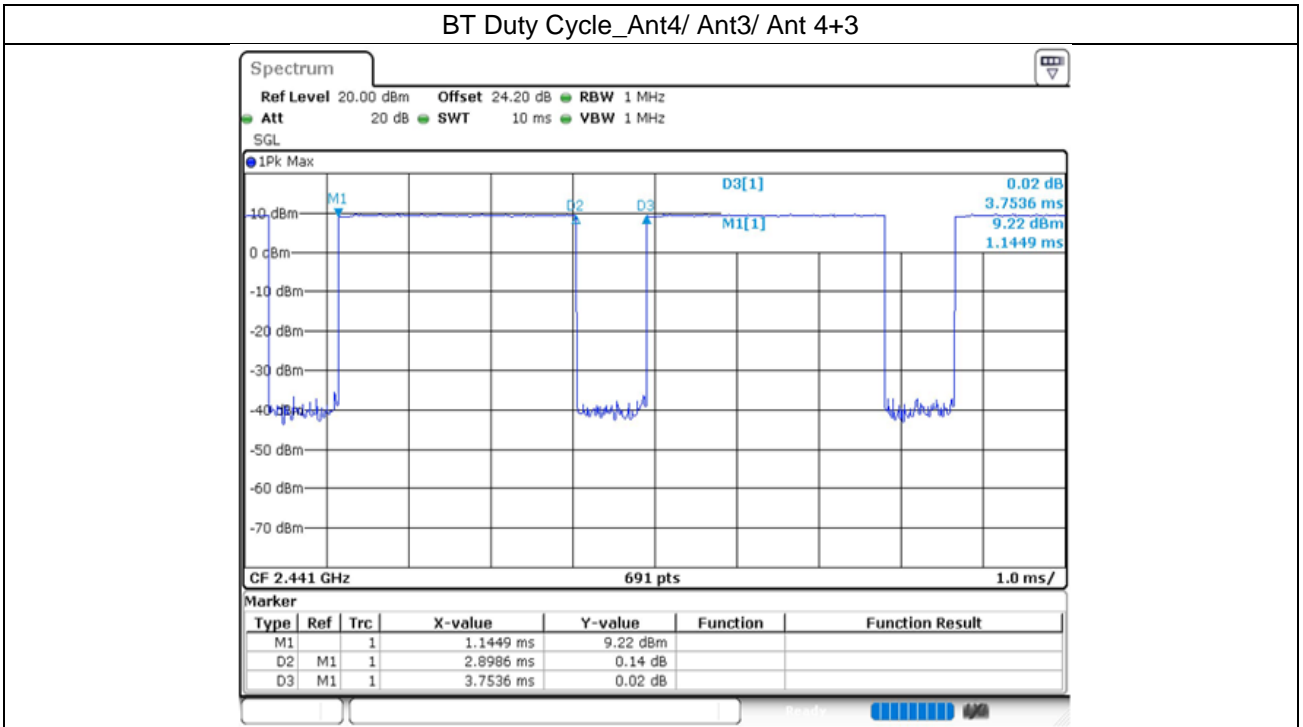
Mode	Channel	Frequency (MHz)	Ant 4	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			12	12

Mode	Channel	Frequency (MHz)	Ant 3	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			12	12

Mode	Channel	Frequency (MHz)	Ant 4			Ant 3			Ant 4+3		
			Average power (dBm)			Average power (dBm)			Average power (dBm)		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.62	not required	not required	10.51	not required	not required	13.58	not required	not required
	CH 39	2441	11.79			11.07			14.46		
	CH 78	2480	11.38			10.17			13.83		
Tune-up Limit			12	12	12	12	12	12	15	15	15

Mode	Channel	Frequency (MHz)	Ant 4		Ant 3		Ant 4+3	
			Average power (dBm)		Average power (dBm)		Average power (dBm)	
			1Mbps	2Mbps	1Mbps	2Mbps	1Mbps	2Mbps
LE	CH 00	2402	not required	not required	not required	not required	not required	not required
	CH 19	2440						
	CH 39	2480						
Tune-up Limit			12	12	12	12	15	15

BT Duty Cycle_Ant4/ Ant3/ Ant 4+3





Bluetooth Power Index 2/3

Mode	Channel	Frequency (MHz)	Ant 4			Mode	Channel	Frequency (MHz)	Ant 3		
			Average power (dBm)						Average power (dBm)		
			1Mbps	2Mbps	3Mbps				1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	19.64	not required	not required	BR / EDR	CH 00	2402	19.60	not required	not required
	CH 39	2441	19.57				CH 39	2441	19.55		
	CH 78	2480	19.55				CH 78	2480	19.52		
Tune-up Limit			20	18.5	18.5	Tune-up Limit			20	18.5	18.5

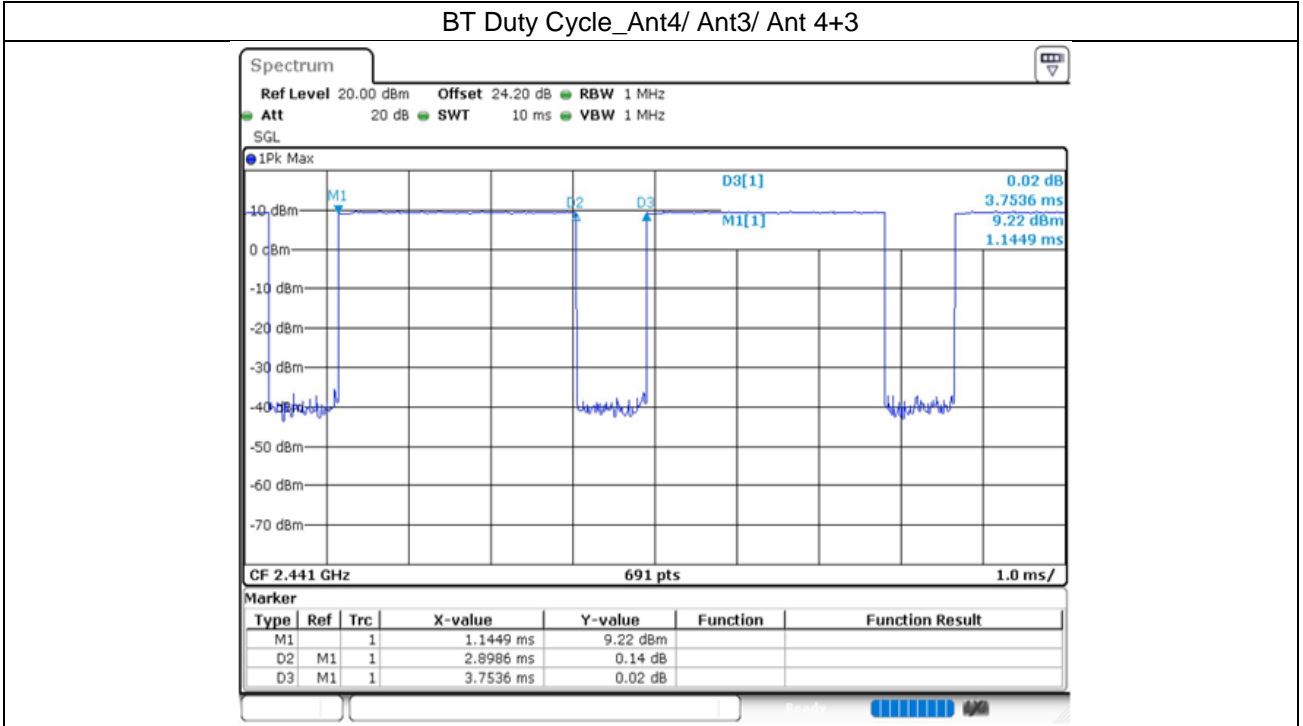
Mode	Channel	Frequency (MHz)	Ant 4	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			20	20

Mode	Channel	Frequency (MHz)	Ant 3	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			20	20

Mode	Channel	Frequency (MHz)	Ant 4			Ant 3			Ant 4+3		
			Average power (dBm)			Average power (dBm)			Average power (dBm)		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	17.33	not required	not required	17.45	not required	not required	20.40	not required	not required
	CH 39	2441	17.10			17.18			20.15		
	CH 78	2480	17.05			17.15			20.11		
Tune-up Limit			18.5	15.5	15.5	18.5	15.5	15.5	21.5	18.5	18.5

Mode	Channel	Frequency (MHz)	Ant 4		Ant 3		Ant 4+3	
			Average power (dBm)		Average power (dBm)		Average power (dBm)	
			1Mbps	2Mbps	1Mbps	2Mbps	1Mbps	2Mbps
LE	CH 00	2402	not required	not required	not required	not required	not required	not required
	CH 19	2440						
	CH 39	2480						
Tune-up Limit			18.5	18.5	18.5	18.5	21.5	21.5

BT Duty Cycle_Ant4/ Ant3/ Ant 4+3





Bluetooth Power Index 4

Mode	Channel	Frequency (MHz)	Ant 4			Mode	Channel	Frequency (MHz)	Ant 3		
			Average power (dBm)						Average power (dBm)		
			1Mbps	2Mbps	3Mbps				1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	16.51	not required	not required	BR / EDR	CH 00	2402	16.29	not required	not required
	CH 39	2441	16.21				CH 39	2441	16.02		
	CH 78	2480	16.00				CH 78	2480	15.91		
Tune-up Limit			17	17	17	Tune-up Limit			17	17	17

Mode	Channel	Frequency (MHz)	Ant 4	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			17	17

Mode	Channel	Frequency (MHz)	Ant 3	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			17	17

Mode	Channel	Frequency (MHz)	Ant 4			Ant 3			Ant 4+3		
			Average power (dBm)			Average power (dBm)			Average power (dBm)		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	16.50	not required	not required	16.17	not required	not required	19.35	not required	not required
	CH 39	2441	16.17			16.00			19.10		
	CH 78	2480	15.87			15.67			18.78		
Tune-up Limit			17	15.5	15.5	17	15.5	15.5	20	18.5	18.5

Mode	Channel	Frequency (MHz)	Ant 4		Ant 3		Ant 4+3	
			Average power (dBm)		Average power (dBm)		Average power (dBm)	
			1Mbps	2Mbps	1Mbps	2Mbps	1Mbps	2Mbps
LE	CH 00	2402	not required	not required	not required	not required	not required	not required
	CH 19	2440						
	CH 39	2480						
Tune-up Limit			17	17	17	17	20	20

BT Duty Cycle_Ant4/ Ant3/ Ant 4+3

