



Band 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							
Frequency (MHz)				20460	20520	20600	
10	QPSK	1	0	24.39	24.40	24.28	25.2
10	QPSK	1	25	24.38	24.27	24.25	
10	QPSK	1	49	24.30	24.26	24.24	
10	QPSK	25	0	23.62	23.63	23.45	24.2
10	QPSK	25	12	23.60	23.49	23.38	
10	QPSK	25	25	23.69	23.45	23.34	
10	QPSK	50	0	23.56	23.60	23.45	24.2
10	16QAM	1	0	23.80	23.61	23.71	
10	16QAM	1	25	23.70	23.57	23.59	
10	16QAM	1	49	23.72	23.72	23.50	23.2
10	16QAM	25	0	22.58	22.43	22.47	
10	16QAM	25	12	22.60	22.46	22.40	
10	16QAM	25	25	22.58	22.41	22.42	23.2
10	16QAM	50	0	22.85	22.46	22.44	
10	16QAM	1	0	22.75	22.68	22.72	
10	64QAM	1	25	22.77	22.62	22.73	22.2
10	64QAM	1	49	22.69	22.73	22.54	
10	64QAM	25	0	21.59	21.50	21.49	
10	64QAM	25	12	21.58	21.51	21.41	20.2
10	64QAM	25	25	21.59	21.45	21.45	
10	64QAM	50	0	21.61	21.54	21.57	
10	256QAM	1	0	19.74	19.64	19.69	20.2
10	256QAM	1	25	19.59	19.70	19.57	
10	256QAM	1	49	19.57	19.60	19.50	
10	256QAM	25	0	19.63	19.69	19.66	20.2
10	256QAM	25	12	19.66	19.64	19.52	
10	256QAM	25	25	19.64	19.54	19.54	
10	256QAM	50	0	19.62	19.62	19.61	Tune-up limit (dBm)
Channel				826.5	836.5	846.5	
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.31	24.31	24.29	25.2
5	QPSK	1	12	24.30	24.28	24.27	
5	QPSK	1	24	24.34	24.18	24.15	
5	QPSK	12	0	23.41	23.23	23.35	24.2
5	QPSK	12	7	23.41	23.23	23.30	
5	QPSK	12	13	23.35	23.31	23.31	
5	QPSK	25	0	23.41	23.27	23.36	24.2
5	16QAM	1	0	23.54	23.48	23.63	
5	16QAM	1	12	23.61	23.58	23.59	
5	16QAM	1	24	23.61	23.58	23.45	23.2
5	16QAM	12	0	22.42	22.35	22.40	
5	16QAM	12	7	22.45	22.42	22.32	
5	16QAM	12	13	22.38	22.37	22.34	23.2
5	16QAM	25	0	22.40	22.34	22.29	
5	64QAM	1	0	22.56	22.52	22.56	
5	64QAM	1	12	22.38	22.37	22.38	22.2
5	64QAM	1	24	22.58	22.45	22.48	
5	64QAM	12	0	21.50	21.40	21.40	
5	64QAM	12	7	21.50	21.45	21.38	20.2
5	64QAM	12	13	21.38	21.48	21.38	
5	64QAM	25	0	21.38	21.38	21.31	
5	256QAM	1	0	19.71	19.57	19.64	20.2
5	256QAM	1	12	19.48	19.75	19.45	
5	256QAM	1	24	19.65	19.62	19.48	
5	256QAM	12	0	19.68	19.63	19.70	20.2
5	256QAM	12	7	19.61	19.52	19.51	
5	256QAM	12	13	19.55	19.46	19.52	
5	256QAM	25	0	19.71	19.58	19.49	Tune-up limit (dBm)
Channel				20415	20525	20535	
Frequency (MHz)				826.5	836.5	847.5	
3	QPSK	1	0	24.34	24.27	24.30	25.2
3	QPSK	1	8	24.24	24.26	24.19	
3	QPSK	1	14	24.32	24.27	24.22	
3	QPSK	8	0	23.35	23.24	23.35	24.2
3	QPSK	8	4	23.41	23.32	23.24	
3	QPSK	8	7	23.35	23.33	23.30	
3	QPSK	15	0	23.34	23.26	23.33	24.2
3	16QAM	1	0	23.67	23.54	23.60	
3	16QAM	1	8	23.59	23.50	23.51	
3	16QAM	1	14	23.65	23.56	23.48	23.2
3	16QAM	8	0	22.45	22.39	22.40	
3	16QAM	8	4	22.41	22.35	22.44	
3	16QAM	8	7	22.45	22.50	22.49	23.2
3	16QAM	15	0	22.43	22.34	22.42	
3	64QAM	1	0	22.67	22.60	22.59	
3	64QAM	1	8	22.63	22.55	22.63	22.2
3	64QAM	1	14	22.62	22.57	22.51	
3	64QAM	8	0	21.38	21.42	21.45	
3	64QAM	8	4	21.37	21.43	21.45	20.2
3	64QAM	8	7	21.68	21.51	21.47	
3	64QAM	15	0	21.41	21.48	21.48	
3	256QAM	1	0	19.70	19.66	19.61	20.2
3	256QAM	1	8	19.55	19.77	19.60	
3	256QAM	1	14	19.61	19.57	19.44	
3	256QAM	8	0	19.56	19.60	19.63	20.2
3	256QAM	8	4	19.60	19.59	19.49	
3	256QAM	8	7	19.49	19.56	19.44	
3	256QAM	15	0	19.68	19.62	19.52	Tune-up limit (dBm)
Channel				20407	20525	20543	
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.32	24.26	24.30	25.2
1.4	QPSK	1	3	24.22	24.31	24.18	
1.4	QPSK	1	5	24.23	24.32	24.20	
1.4	QPSK	3	0	24.24	24.29	24.28	24.2
1.4	QPSK	3	1	24.27	24.25	24.22	
1.4	QPSK	3	3	24.23	24.26	24.22	
1.4	QPSK	6	0	23.21	23.30	23.27	24.2
1.4	16QAM	1	0	23.59	23.54	23.48	
1.4	16QAM	1	3	23.44	23.46	23.34	
1.4	16QAM	1	5	23.55	23.51	23.44	24.2
1.4	16QAM	3	0	23.33	23.46	23.33	
1.4	16QAM	3	1	23.43	23.44	23.33	
1.4	16QAM	3	3	23.42	23.44	23.37	23.2
1.4	16QAM	6	0	22.37	22.33	22.38	
1.4	64QAM	1	0	22.43	22.49	22.41	
1.4	64QAM	1	3	22.41	22.52	22.46	23.2
1.4	64QAM	1	5	22.53	22.60	22.55	
1.4	64QAM	3	0	22.38	22.47	22.41	
1.4	64QAM	3	1	22.38	22.48	22.48	20.2
1.4	64QAM	3	3	22.42	22.46	22.39	
1.4	64QAM	6	0	21.39	21.37	21.33	
1.4	256QAM	1	0	19.55	19.57	19.59	20.2
1.4	256QAM	1	3	19.49	19.70	19.41	
1.4	256QAM	1	5	19.44	19.58	19.43	
1.4	256QAM	3	0	19.64	19.60	19.71	20.2
1.4	256QAM	3	1	19.68	19.51	19.63	
1.4	256QAM	3	3	19.63	19.56	19.61	
1.4	256QAM	6	0	19.67	19.58	19.52	20.2



Band 13_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				2329			
Frequency (MHz)							
10	QPSK	1	0		24.02		25.2
10	QPSK	1	25		23.89		
10	QPSK	1	49		23.97		
10	QPSK	25	0		23.12		24.2
10	QPSK	25	12		23.11		
10	QPSK	25	25		23.03		
10	QPSK	50	0		23.14		24.2
10	16QAM	1	0		23.30		
10	16QAM	1	25		23.34		
10	16QAM	1	49		23.27		23.2
10	16QAM	25	0		22.07		
10	16QAM	25	12		22.07		
10	16QAM	25	25		22.11		23.2
10	16QAM	50	0		22.10		
10	64QAM	1	0		22.23		
10	64QAM	1	25		22.28		23.2
10	64QAM	1	49		22.23		
10	64QAM	25	0		21.11		
10	64QAM	25	12		21.09		22.2
10	64QAM	25	25		21.06		
10	64QAM	50	0		21.12		
10	256QAM	1	0		19.48		20.2
10	256QAM	1	25		19.53		
10	256QAM	1	49		19.39		
10	256QAM	25	0		19.47		20.2
10	256QAM	25	12		19.50		
10	256QAM	25	25		19.40		
10	256QAM	50	0		19.44		
Channel				23205		23255	
Frequency (MHz)							
5	QPSK	1	0	24.00	23.96	23.98	25.2
5	QPSK	1	12	23.99	23.98	24.01	
5	QPSK	1	24	23.97	23.90	23.93	
5	QPSK	12	0	23.09	23.95	22.95	24.2
5	QPSK	12	7	23.07	23.06	23.02	
5	QPSK	12	13	23.03	23.03	23.01	
5	QPSK	25	0	23.01	22.92	22.98	24.2
5	16QAM	1	0	23.01	23.27	23.26	
5	16QAM	1	12	23.25	23.30	23.30	
5	16QAM	1	24	23.39	23.37	23.30	23.2
5	16QAM	12	0	22.02	22.14	22.18	
5	16QAM	12	7	22.09	22.05	22.12	
5	16QAM	12	13	22.14	22.05	22.15	23.2
5	16QAM	25	0	22.13	22.07	22.03	
5	64QAM	1	0	22.12	22.20	22.15	
5	64QAM	1	12	22.08	22.09	22.04	22.2
5	64QAM	1	24	22.27	22.28	22.16	
5	64QAM	12	0	21.08	21.12	21.07	
5	64QAM	12	7	21.11	21.13	21.10	22.2
5	64QAM	12	13	21.13	21.17	21.09	
5	64QAM	25	0	21.10	21.07	21.04	
5	256QAM	1	0	19.30	19.40	19.29	20.2
5	256QAM	1	12	19.34	19.42	19.36	
5	256QAM	1	24	19.25	19.27	19.24	
5	256QAM	12	0	19.35	19.43	19.41	20.2
5	256QAM	12	7	19.25	19.39	19.23	
5	256QAM	12	13	19.38	19.43	19.36	
5	256QAM	25	0	19.40	19.32	19.33	



Band 14_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				2330			
Frequency (MHz)				793			
10	QPSK	1	0		23.94		25.2
10	QPSK	1	25		23.79		
10	QPSK	1	49		23.62		
10	QPSK	25	0		22.97		24.2
10	QPSK	25	12		22.91		
10	QPSK	25	25		22.87		
10	QPSK	50	0		22.01		24.2
10	16QAM	1	0		23.19		
10	16QAM	1	25		23.25		
10	16QAM	1	49		23.20		23.2
10	16QAM	25	0		21.98		
10	16QAM	25	12		21.94		
10	16QAM	25	25		21.92		23.2
10	16QAM	50	0		22.04		
10	64QAM	1	0		22.04		
10	64QAM	1	25		22.11		23.2
10	64QAM	1	49		22.13		
10	64QAM	25	0		20.97		
10	64QAM	25	12		21.05		22.2
10	64QAM	25	25		21.01		
10	64QAM	50	0		21.03		
10	256QAM	1	0		19.12		20.2
10	256QAM	1	25		19.29		
10	256QAM	1	49		19.19		
10	256QAM	25	0		19.25		20.2
10	256QAM	25	12		19.25		
10	256QAM	25	25		19.14		
10	256QAM	50	0		19.23		
Channel				2335			
Frequency (MHz)				793.5			
5	QPSK	1	0	23.80	23.88	23.90	25.2
5	QPSK	1	12	23.83	23.90	23.90	
5	QPSK	1	24	23.80	23.86	23.86	
5	QPSK	12	0	22.85	22.94	22.93	24.2
5	QPSK	12	7	22.89	22.93	22.90	
5	QPSK	12	13	22.86	22.86	22.94	
5	QPSK	25	0	22.83	22.90	22.94	24.2
5	16QAM	1	0	23.02	23.15	23.21	
5	16QAM	1	12	23.17	23.23	23.23	
5	16QAM	1	24	23.22	23.17	23.19	23.2
5	16QAM	12	0	21.86	22.01	22.04	
5	16QAM	12	7	22.03	21.94	21.99	
5	16QAM	12	13	21.99	21.97	22.05	23.2
5	16QAM	25	0	21.87	21.91	22.00	
5	64QAM	1	0	22.01	22.07	22.10	
5	64QAM	1	12	21.85	21.86	21.87	22.2
5	64QAM	1	24	22.13	22.05	22.00	
5	64QAM	12	0	20.94	20.97	21.00	
5	64QAM	12	7	21.04	21.01	21.08	22.2
5	64QAM	12	13	21.05	20.98	20.97	
5	64QAM	25	0	20.94	20.95	21.03	
5	256QAM	1	0	19.17	19.11	19.14	20.2
5	256QAM	1	12	19.19	19.16	19.22	
5	256QAM	1	24	19.21	19.13	19.18	
5	256QAM	12	0	19.15	19.28	19.12	20.2
5	256QAM	12	7	19.14	19.19	19.20	
5	256QAM	12	13	19.15	19.09	19.10	
5	256QAM	25	0	19.26	19.13	19.26	



Band 17_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				23780	23790	23800	
Frequency (MHz)				706	710	714	
10	QPSK	1	0	23.97	23.99	23.94	25.2
10	QPSK	1	25	23.92	23.94	23.84	
10	QPSK	1	49	23.84	23.98	23.96	
10	QPSK	25	0	22.89	23.07	23.05	24.2
10	QPSK	25	12	23.01	23.05	23.05	
10	QPSK	25	25	23.03	23.05	23.01	
10	QPSK	50	0	23.02	23.10	22.99	24.2
10	16QAM	1	0	23.28	23.28	23.28	
10	16QAM	1	25	23.28	23.28	23.22	
10	16QAM	1	49	23.28	23.28	23.26	23.2
10	16QAM	25	0	22.01	21.98	21.95	
10	16QAM	25	12	22.08	22.05	21.98	
10	16QAM	25	25	22.10	22.05	21.99	23.2
10	16QAM	50	0	22.15	22.15	22.06	
10	64QAM	1	0	22.28	22.12	22.18	
10	64QAM	1	25	22.17	22.10	22.13	23.2
10	64QAM	1	49	22.20	22.22	22.21	
10	64QAM	25	0	21.07	21.12	21.02	
10	64QAM	25	12	21.00	21.02	21.02	22.2
10	64QAM	25	25	21.13	21.13	21.02	
10	64QAM	50	0	21.13	21.16	21.08	
10	256QAM	1	0	19.28	19.19	19.35	20.2
10	256QAM	1	25	19.23	19.28	19.22	
10	256QAM	1	49	19.10	19.13	19.18	
10	256QAM	25	0	19.44	19.41	19.45	20.2
10	256QAM	25	12	19.34	19.36	19.38	
10	256QAM	25	25	19.33	19.29	19.34	
10	256QAM	50	0	19.41	19.40	19.33	
Channel				23805	23820	23825	
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.02	23.96	23.91	25.2
5	QPSK	1	12	23.98	23.95	23.97	
5	QPSK	1	24	23.90	23.94	23.86	
5	QPSK	12	0	22.95	23.01	22.89	24.2
5	QPSK	12	7	23.05	23.03	22.98	
5	QPSK	12	13	22.97	23.04	22.93	
5	QPSK	25	0	23.00	23.00	22.94	24.2
5	16QAM	1	0	23.19	23.25	23.19	
5	16QAM	1	12	23.29	23.41	23.20	
5	16QAM	1	24	23.21	23.30	23.12	23.2
5	16QAM	12	0	22.05	22.04	21.86	
5	16QAM	12	7	21.98	22.09	22.04	
5	16QAM	12	13	22.08	22.16	22.03	23.2
5	16QAM	25	0	22.01	22.03	21.88	
5	64QAM	1	0	22.13	22.21	22.14	
5	64QAM	1	12	21.98	22.17	22.14	22.2
5	64QAM	1	24	22.13	22.23	22.13	
5	64QAM	12	0	21.02	21.11	21.04	
5	64QAM	12	7	21.07	21.13	21.05	22.2
5	64QAM	12	13	21.02	21.05	20.97	
5	64QAM	25	0	21.04	21.11	21.03	
5	256QAM	1	0	19.34	19.22	19.26	20.2
5	256QAM	1	12	19.19	19.18	19.21	
5	256QAM	1	24	19.08	19.04	19.12	
5	256QAM	12	0	19.45	19.36	19.38	20.2
5	256QAM	12	7	19.29	19.31	19.30	
5	256QAM	12	13	19.25	19.21	19.39	
5	256QAM	25	0	19.41	19.27	19.30	



Band 71_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				133222	133322	133372	
Frequency (MHz)							
20	QPSK	1	0	24.07	24.08	24.08	25.2
20	QPSK	1	49	24.03	23.98	23.91	
20	QPSK	1	99	24.04	24.00	23.92	
20	QPSK	50	0	23.21	23.26	23.05	24.2
20	QPSK	50	24	23.24	23.17	22.95	
20	QPSK	50	50	23.17	23.12	22.84	
20	QPSK	100	0	23.16	23.26	22.98	24.2
20	16QAM	1	0	23.34	23.25	23.27	
20	16QAM	1	49	23.42	23.30	23.31	
20	16QAM	1	99	23.38	23.37	23.25	23.2
20	16QAM	50	0	22.20	21.97	22.02	
20	16QAM	50	24	22.22	22.06	22.06	
20	16QAM	50	50	22.22	22.15	22.01	23.2
20	16QAM	100	0	22.15	22.01	22.07	
20	64QAM	1	0	22.38	22.18	22.20	
20	64QAM	1	49	22.37	22.33	22.30	23.2
20	64QAM	1	99	22.38	22.25	22.18	
20	64QAM	50	0	21.25	21.08	21.03	
20	64QAM	50	24	21.21	21.08	21.10	22.2
20	64QAM	50	50	21.24	21.08	21.10	
20	64QAM	100	0	21.24	21.12	21.05	
20	256QAM	1	0	19.32	19.27	19.46	20.2
20	256QAM	1	49	19.21	19.25	19.37	
20	256QAM	1	99	19.18	19.17	19.21	
20	256QAM	50	0	19.41	19.54	19.44	20.2
20	256QAM	50	24	19.40	19.30	19.41	
20	256QAM	50	50	19.41	19.28	19.32	
20	256QAM	100	0	19.50	19.40	19.45	Tune-up limit (dBm)
Channel				133172	133272	133322	
Frequency (MHz)							
15	QPSK	1	0	23.05	23.02	23.06	25.2
15	QPSK	1	37	23.85	23.83	23.90	
15	QPSK	1	74	23.88	23.94	23.89	
15	QPSK	36	0	23.02	23.01	22.98	24.2
15	QPSK	36	20	23.02	22.96	23.00	
15	QPSK	36	39	22.98	23.04	23.04	
15	QPSK	75	0	23.07	22.97	23.01	24.2
15	16QAM	1	0	23.28	23.26	23.38	
15	16QAM	1	37	23.30	23.46	23.29	
15	16QAM	1	74	23.34	23.28	23.11	23.2
15	16QAM	36	0	22.06	22.03	22.00	
15	16QAM	36	20	22.08	22.03	22.04	
15	16QAM	36	39	22.04	22.09	22.05	23.2
15	16QAM	75	0	21.88	21.96	22.03	
15	64QAM	1	0	22.19	22.08	22.22	
15	64QAM	1	37	22.15	22.11	22.20	22.2
15	64QAM	1	74	22.28	22.25	22.17	
15	64QAM	36	0	21.15	21.02	21.02	
15	64QAM	36	20	21.09	21.09	21.06	22.2
15	64QAM	36	39	21.15	21.12	21.04	
15	64QAM	75	0	21.03	21.03	21.06	
15	256QAM	1	0	19.25	19.26	19.35	20.2
15	256QAM	1	37	19.25	19.34	19.27	
15	256QAM	1	74	19.10	19.15	19.19	
15	256QAM	36	0	19.35	19.41	19.42	20.2
15	256QAM	36	20	19.36	19.25	19.41	
15	256QAM	36	39	19.31	19.24	19.30	
15	256QAM	75	0	19.48	19.40	19.32	Tune-up limit (dBm)
Channel				133172	133272	133422	
Frequency (MHz)							
10	QPSK	1	0	23.95	23.98	23.85	25.2
10	QPSK	1	25	23.84	23.79	23.84	
10	QPSK	1	49	23.82	23.96	23.82	
10	QPSK	25	0	22.99	23.00	22.93	24.2
10	QPSK	25	12	22.98	23.04	22.94	
10	QPSK	25	25	22.98	22.98	22.92	
10	QPSK	50	0	22.97	23.07	22.86	24.2
10	16QAM	1	0	23.24	23.20	23.27	
10	16QAM	1	25	23.30	23.25	23.25	
10	16QAM	1	49	23.29	23.36	23.18	23.2
10	16QAM	25	0	22.01	21.96	21.99	
10	16QAM	25	12	22.05	21.98	21.99	
10	16QAM	25	25	22.09	22.02	22.02	23.2
10	16QAM	50	0	22.07	22.02	21.98	
10	64QAM	1	0	22.14	22.09	22.07	
10	64QAM	1	25	22.25	22.15	22.05	23.2
10	64QAM	1	49	22.27	22.26	22.12	
10	64QAM	25	0	21.01	20.98	20.96	
10	64QAM	25	12	21.06	20.99	20.98	22.2
10	64QAM	25	25	21.11	21.10	21.05	
10	64QAM	50	0	21.08	21.09	21.01	
10	256QAM	1	0	19.34	19.24	19.30	20.2
10	256QAM	1	25	19.18	19.26	19.38	
10	256QAM	1	49	19.18	19.18	19.11	
10	256QAM	25	0	19.37	19.45	19.45	20.2
10	256QAM	25	12	19.29	19.28	19.38	
10	256QAM	25	25	19.27	19.33	19.33	
10	256QAM	50	0	19.49	19.40	19.43	Tune-up limit (dBm)
Channel				133147	133247	133447	
Frequency (MHz)							
5	QPSK	1	0	24.00	24.02	23.96	25.2
5	QPSK	1	12	24.03	24.04	24.04	
5	QPSK	1	24	24.02	24.05	24.00	
5	QPSK	12	0	23.02	23.11	22.99	24.2
5	QPSK	12	7	23.13	23.05	23.00	
5	QPSK	12	13	23.12	23.11	22.97	
5	QPSK	25	0	23.00	23.06	22.95	24.2
5	16QAM	1	0	23.37	23.32	23.30	
5	16QAM	1	12	23.49	23.41	23.38	
5	16QAM	1	24	23.35	23.34	23.32	23.2
5	16QAM	12	0	22.06	22.07	22.10	
5	16QAM	12	7	22.21	22.09	22.12	
5	16QAM	12	13	22.21	22.19	22.14	23.2
5	16QAM	25	0	22.15	22.11	22.01	
5	64QAM	1	0	22.17	22.22	22.14	
5	64QAM	1	12	22.19	22.21	22.15	23.2
5	64QAM	1	24	22.35	22.31	22.14	
5	64QAM	12	0	21.18	21.14	21.10	
5	64QAM	12	7	21.12	21.08	21.10	22.2
5	64QAM	12	13	21.26	21.09	21.13	
5	64QAM	25	0	21.18	21.13	21.08	
5	256QAM	1	0	19.30	19.25	19.36	20.2
5	256QAM	1	12	19.28	19.30	19.32	
5	256QAM	1	24	19.17	19.14	19.30	
5	256QAM	12	0	19.43	19.42	19.38	20.2
5	256QAM	12	7	19.33	19.35	19.46	
5	256QAM	12	13	19.43	19.31	19.32	
5	256QAM	25	0	19.42	19.36	19.46	



Band 12_Ant 1						
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.
Channel				23060	23095	23130
Frequency (MHz)				701.5	707.5	713.5
10	QPSK	1	0	23.67	23.84	23.89
10	QPSK	1	25	23.60	23.93	23.89
10	QPSK	1	49	23.86	23.93	23.93
10	QPSK	25	0	23.02	23.07	23.02
10	QPSK	25	12	23.00	23.03	23.00
10	QPSK	25	25	23.02	22.99	22.94
10	QPSK	50	0	23.01	23.09	22.98
10	16QAM	1	0	23.28	23.30	23.28
10	16QAM	1	25	23.25	23.25	23.20
10	16QAM	1	49	23.33	23.24	23.28
10	16QAM	25	0	22.00	22.03	21.94
10	16QAM	25	12	21.98	22.10	21.98
10	16QAM	25	25	22.03	22.02	22.07
10	16QAM	50	0	22.02	22.06	22.06
10	64QAM	1	0	22.16	22.16	22.19
10	64QAM	1	25	22.26	22.26	22.16
10	64QAM	1	49	22.32	22.19	22.18
10	64QAM	25	0	21.06	21.03	21.05
10	64QAM	25	12	21.09	21.14	21.04
10	64QAM	25	25	21.05	21.13	21.04
10	64QAM	50	0	21.08	21.16	21.05
10	256QAM	1	0	19.37	19.26	19.35
10	256QAM	1	25	19.23	19.32	19.31
10	256QAM	1	49	19.22	19.16	19.24
10	256QAM	25	0	19.52	19.54	19.51
10	256QAM	25	12	19.41	19.43	19.40
10	256QAM	25	25	19.43	19.44	19.48
10	256QAM	50	0	19.43	19.38	19.37
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	23.86	23.86	23.90
5	QPSK	1	12	23.67	23.88	23.89
5	QPSK	1	24	23.84	23.86	23.86
5	QPSK	12	0	22.96	22.98	22.94
5	QPSK	12	7	22.98	23.05	23.02
5	QPSK	12	13	22.99	23.03	22.94
5	QPSK	25	0	22.85	22.96	22.95
5	16QAM	1	0	23.14	23.24	23.16
5	16QAM	1	12	23.28	23.33	23.31
5	16QAM	1	24	23.32	23.24	23.17
5	16QAM	12	0	21.95	22.00	21.99
5	16QAM	12	7	21.98	22.06	22.03
5	16QAM	12	13	22.03	21.99	21.96
5	16QAM	25	0	21.98	22.05	21.98
5	64QAM	1	0	22.14	22.16	22.04
5	64QAM	1	12	22.01	22.02	22.07
5	64QAM	1	24	22.16	22.16	22.14
5	64QAM	12	0	21.02	21.04	21.02
5	64QAM	12	7	21.08	20.99	20.99
5	64QAM	12	13	21.14	21.10	21.03
5	64QAM	25	0	21.04	21.06	21.01
5	256QAM	1	0	19.38	19.25	19.39
5	256QAM	1	12	19.22	19.28	19.22
5	256QAM	1	24	19.19	19.09	19.14
5	256QAM	12	0	19.48	19.55	19.48
5	256QAM	12	7	19.34	19.43	19.34
5	256QAM	12	13	19.37	19.41	19.42
5	256QAM	25	0	19.28	19.41	19.28
Channel				23025	23095	23165
Frequency (MHz)				706.5	707.5	714.5
3	QPSK	1	0	23.86	23.86	23.85
3	QPSK	1	8	23.86	23.86	23.90
3	QPSK	1	14	23.84	23.86	23.86
3	QPSK	8	0	22.96	22.92	22.96
3	QPSK	8	4	22.91	22.94	22.86
3	QPSK	8	7	22.99	22.99	22.92
3	QPSK	16	0	22.90	23.02	22.93
3	16QAM	1	0	23.23	23.31	23.18
3	16QAM	1	8	23.20	23.24	23.10
3	16QAM	1	14	23.31	23.26	23.23
3	16QAM	8	0	22.02	22.07	21.97
3	16QAM	8	4	22.05	22.07	22.09
3	16QAM	8	7	22.16	22.11	22.02
3	16QAM	16	0	22.07	22.09	22.08
3	64QAM	1	0	22.21	22.18	22.22
3	64QAM	1	8	22.26	22.11	22.13
3	64QAM	1	14	22.32	22.15	22.20
3	64QAM	8	0	21.06	21.03	21.05
3	64QAM	8	4	21.13	21.11	21.05
3	64QAM	8	7	21.09	21.13	21.05
3	64QAM	16	0	21.02	21.11	21.01
3	256QAM	1	0	19.24	19.21	19.21
3	256QAM	1	8	19.08	19.07	19.10
3	256QAM	1	14	19.01	18.94	18.99
3	256QAM	8	0	19.36	19.31	19.26
3	256QAM	8	4	19.22	19.23	19.17
3	256QAM	8	7	19.15	19.16	19.17
3	256QAM	16	0	19.09	19.27	19.17
Channel				23017	23095	23173
Frequency (MHz)				698.7	707.5	715.3
1.4	QPSK	1	0	23.84	23.84	23.90
1.4	QPSK	1	3	23.67	23.89	23.85
1.4	QPSK	1	5	23.85	23.90	23.91
1.4	QPSK	3	0	23.84	23.85	23.84
1.4	QPSK	3	1	23.88	23.87	23.90
1.4	QPSK	3	3	23.81	23.88	23.84
1.4	QPSK	6	0	22.98	22.92	22.99
1.4	16QAM	1	0	23.24	23.30	23.15
1.4	16QAM	1	3	23.11	23.15	23.02
1.4	16QAM	1	5	23.28	23.18	23.18
1.4	16QAM	3	0	23.08	23.02	23.07
1.4	16QAM	3	1	23.12	23.13	23.08
1.4	16QAM	3	3	23.13	23.08	23.04
1.4	16QAM	6	0	22.02	22.01	22.02
1.4	64QAM	1	0	22.22	22.12	22.13
1.4	64QAM	1	3	22.09	22.04	22.10
1.4	64QAM	1	5	22.27	22.17	22.15
1.4	64QAM	3	0	22.13	22.06	22.11
1.4	64QAM	3	1	22.07	22.10	22.03
1.4	64QAM	3	3	22.07	22.10	22.08
1.4	64QAM	6	0	21.09	20.96	20.96
1.4	256QAM	1	0	19.20	19.17	19.13
1.4	256QAM	1	3	18.96	19.03	19.15
1.4	256QAM	1	5	19.02	18.90	18.93
1.4	256QAM	3	0	19.29	19.20	19.16
1.4	256QAM	3	1	19.13	19.21	19.16
1.4	256QAM	3	3	19.10	19.10	19.20
1.4	256QAM	6	0	18.95	19.19	19.06



Band 13_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				23230			
Frequency (MHz)				782			
10	QPSK	1	0		24.02		24.4
10	QPSK	1	25		23.89		
10	QPSK	1	49		23.97		
10	QPSK	25	0		23.12		23.9
10	QPSK	25	12		23.11		
10	QPSK	25	25		23.03		
10	QPSK	50	0		23.14		23.9
10	16QAM	1	0		23.30		
10	16QAM	1	25		23.34		
10	16QAM	1	49		23.27		22.9
10	16QAM	25	0		22.07		
10	16QAM	25	12		22.07		
10	16QAM	25	25		22.11		22.9
10	16QAM	50	0		22.10		
10	64QAM	1	0		22.23		
10	64QAM	1	25		22.28		22.9
10	64QAM	1	49		22.29		
10	64QAM	25	0		21.11		
10	64QAM	25	12		21.05		21.9
10	64QAM	25	25		21.08		
10	64QAM	50	0		21.12		
10	256QAM	1	0		19.48		19.9
10	256QAM	1	25		19.53		
10	256QAM	1	49		19.39		
10	256QAM	25	0		19.47		19.9
10	256QAM	25	12		19.50		
10	256QAM	25	25		19.40		
10	256QAM	50	0		19.44		
Channel				23205 23230 23255			
Frequency (MHz)				779.5 782 784.5			
5	QPSK	1	0	24.00	23.96	23.98	24.4
5	QPSK	1	12	23.99	23.96	24.01	
5	QPSK	1	24	23.97	23.90	23.93	
5	QPSK	12	0	23.09	22.95	22.95	23.9
5	QPSK	12	7	23.07	23.06	23.02	
5	QPSK	12	13	23.03	23.03	23.01	
5	QPSK	25	0	23.01	22.96	22.98	23.9
5	16QAM	1	0	23.20	23.27	23.26	
5	16QAM	1	12	23.25	23.30	23.36	
5	16QAM	1	24	23.39	23.37	23.30	22.9
5	16QAM	12	0	22.02	22.14	22.18	
5	16QAM	12	7	22.09	22.05	22.12	
5	16QAM	12	13	22.14	22.08	22.15	22.9
5	16QAM	25	0	22.13	22.07	22.03	
5	64QAM	1	0	22.12	22.20	22.15	
5	64QAM	1	12	22.06	22.09	22.04	22.9
5	64QAM	1	24	22.07	22.28	22.16	
5	64QAM	12	0	21.08	21.12	21.07	
5	64QAM	12	7	21.11	21.13	21.10	21.9
5	64QAM	12	13	21.13	21.17	21.09	
5	64QAM	25	0	21.10	21.07	21.04	
5	256QAM	1	0	19.30	19.40	19.29	19.9
5	256QAM	1	12	19.34	19.42	19.36	
5	256QAM	1	24	19.25	19.27	19.24	
5	256QAM	12	0	19.35	19.43	19.41	19.9
5	256QAM	12	7	19.25	19.39	19.23	
5	256QAM	12	13	19.38	19.43	19.36	
5	256QAM	25	0	19.40	19.32	19.33	



Band 14_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				23330				
Frequency (MHz)				793				
10	QPSK	1	0		23.84		24.4	
10	QPSK	1	25		23.79			
10	QPSK	1	49		23.82			
10	QPSK	25	0		22.97			
10	QPSK	25	12		22.91		23.9	
10	QPSK	25	25		22.87			
10	QPSK	50	0		23.01			
10	16QAM	1	0		23.19			
10	16QAM	1	25		23.25		23.9	
10	16QAM	1	49		23.20			
10	16QAM	25	0		21.98			
10	16QAM	25	12		21.94			
10	16QAM	25	25		21.92		22.9	
10	16QAM	50	0		22.04			
10	64QAM	1	0		22.04			
10	64QAM	1	25		22.11			
10	64QAM	1	49		22.13		22.9	
10	64QAM	25	0		20.97			
10	64QAM	25	12		21.05			
10	64QAM	25	25		21.01			
10	64QAM	50	0		21.03		21.9	
10	256QAM	1	0		19.12			
10	256QAM	1	25		19.29			
10	256QAM	1	49		19.19			
10	256QAM	25	0		19.25		19.9	
10	256QAM	25	12		19.25			
10	256QAM	25	25		19.14			
10	256QAM	50	0		19.23			
Channel				23305		23330	23355	
Frequency (MHz)				790.5			793	795.5
5	QPSK	1	0	23.80	23.88	23.90	24.4	
5	QPSK	1	12	23.83	23.90	23.90		
5	QPSK	1	24	23.80	23.85	23.85		
5	QPSK	12	0	22.85	22.94	22.93		
5	QPSK	12	7	22.89	22.93	22.90	23.9	
5	QPSK	12	13	22.86	22.88	22.94		
5	QPSK	25	0	22.83	22.90	22.94		
5	16QAM	1	0	23.02	23.15	23.21		
5	16QAM	1	12	23.17	23.23	23.23	23.9	
5	16QAM	1	24	23.22	23.17	23.19		
5	16QAM	12	0	21.96	22.01	22.04		
5	16QAM	12	7	22.03	21.94	21.99		
5	16QAM	12	13	21.99	21.97	22.05	22.9	
5	16QAM	25	0	21.87	21.91	22.00		
5	64QAM	1	0	22.01	22.07	22.10		
5	64QAM	1	12	21.85	21.96	21.87		
5	64QAM	1	24	22.13	22.05	22.00	22.9	
5	64QAM	12	0	20.94	20.97	21.00		
5	64QAM	12	7	21.04	21.01	21.06		
5	64QAM	12	13	21.05	20.98	20.87		
5	64QAM	25	0	20.94	20.95	21.03	21.9	
5	256QAM	1	0	19.17	19.11	19.14		
5	256QAM	1	12	19.19	19.16	19.22		
5	256QAM	1	24	19.21	19.13	19.18		
5	256QAM	12	0	19.15	19.26	19.12	19.9	
5	256QAM	12	7	19.14	19.19	19.20		
5	256QAM	12	13	19.15	19.09	19.10		
5	256QAM	25	0	19.28	19.13	19.28		



Band 17_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				23780	23790	23800	
Frequency (MHz)				702	710	711	
10	QPSK	1	0	23.87	23.88	23.84	24.50
10	QPSK	1	25	23.82	23.84	23.74	
10	QPSK	1	49	23.84	23.88	23.88	
10	QPSK	25	0	22.89	22.97	22.95	
10	QPSK	25	12	22.91	22.96	22.85	24.00
10	QPSK	25	25	22.93	22.96	22.91	
10	QPSK	50	0	22.92	23.00	22.89	
10	16QAM	1	0	23.16	23.26	23.19	
10	16QAM	1	25	23.16	23.18	23.12	24.00
10	16QAM	1	49	23.18	23.18	23.16	
10	16QAM	25	0	21.91	21.88	21.85	
10	16QAM	25	12	21.98	21.95	21.88	23.00
10	16QAM	25	25	22.00	21.95	21.89	
10	16QAM	50	0	22.05	22.06	21.88	
10	64QAM	1	0	22.18	22.02	22.08	23.00
10	64QAM	1	25	22.07	22.00	22.03	
10	64QAM	1	49	22.10	22.12	22.11	
10	64QAM	25	0	20.97	21.02	20.92	
10	64QAM	25	12	20.93	20.92	20.92	22.00
10	64QAM	25	25	21.03	21.03	20.92	
10	64QAM	50	0	21.03	21.06	20.98	
10	256QAM	1	0	19.18	19.09	19.25	20.00
10	256QAM	1	25	19.13	19.18	19.12	
10	256QAM	1	49	19.00	19.03	19.08	
10	256QAM	25	0	19.34	19.31	19.35	
10	256QAM	25	12	19.24	19.28	19.28	20.00
10	256QAM	25	25	19.23	19.19	19.24	
10	256QAM	50	0	19.31	19.30	19.23	
Channel				23755	23760	23825	
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.82	23.86	23.81	24.5
5	QPSK	1	12	23.88	23.85	23.87	
5	QPSK	1	24	23.80	23.83	23.76	
5	QPSK	12	0	22.85	22.91	22.79	
5	QPSK	12	7	22.85	22.93	22.88	24
5	QPSK	12	13	22.87	22.94	22.83	
5	QPSK	25	0	22.90	22.96	22.84	
5	16QAM	1	0	23.09	23.25	23.09	
5	16QAM	1	12	23.19	23.31	23.10	24
5	16QAM	1	24	23.11	23.20	23.02	
5	16QAM	12	0	21.95	21.94	21.88	
5	16QAM	12	7	21.88	21.99	21.94	23
5	16QAM	12	13	21.98	22.08	21.93	
5	16QAM	25	0	21.91	21.93	21.88	
5	64QAM	1	0	22.03	22.11	22.04	23
5	64QAM	1	12	21.88	22.07	22.04	
5	64QAM	1	24	22.03	22.13	22.03	
5	64QAM	12	0	20.92	21.01	20.94	
5	64QAM	12	7	20.97	21.03	20.95	22
5	64QAM	12	13	20.92	20.95	20.87	
5	64QAM	25	0	20.94	21.01	20.93	
5	256QAM	1	0	19.24	19.12	19.18	20
5	256QAM	1	12	19.09	19.08	19.11	
5	256QAM	1	24	18.98	18.94	19.02	
5	256QAM	12	0	19.35	19.26	19.28	
5	256QAM	12	7	19.19	19.21	19.20	20
5	256QAM	12	13	19.15	19.11	19.29	
5	256QAM	25	0	19.31	19.17	19.20	



n38_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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.18	24.16	23.91	25.50
20	PI/2 BPSK	1	26	24.21	24.22	23.92	
20	PI/2 BPSK	1	49	24.12	23.91	23.87	
20	PI/2 BPSK	25	0	23.67	23.54	23.42	25.00
20	PI/2 BPSK	25	13	24.18	24.19	23.89	25.50
20	PI/2 BPSK	25	26	23.63	23.49	23.36	25.00
20	PI/2 BPSK	50	0	23.67	23.50	23.40	
20	QPSK	1	1	24.12	24.03	23.87	25.50
20	QPSK	1	26	24.18	23.98	23.81	
20	QPSK	1	49	24.07	23.88	23.83	
20	QPSK	25	0	23.26	23.04	22.99	25.50
20	QPSK	25	13	24.18	23.99	23.97	
20	QPSK	25	26	23.20	23.02	22.92	
20	QPSK	50	0	23.28	23.08	22.97	24.50
20	16QAM	1	1	23.32	23.24	23.00	24.50
20	64QAM	1	1	21.92	21.77	21.57	23.00
20	256QAM	1	1	19.92	19.82	19.62	21.00
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	24.17	24.11	23.94	25.50
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	24.20	24.09	23.92	25.50



n41 PC3_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.84	24.09	23.78	25.70
100	PI/2 BPSK	1	137	24.15	24.16	23.79	
100	PI/2 BPSK	1	271	23.71	23.70	23.70	
100	PI/2 BPSK	135	0	23.32	23.42	23.24	25.20
100	PI/2 BPSK	135	69	24.06	24.07	23.75	25.70
100	PI/2 BPSK	135	138	23.45	23.46	23.20	25.20
100	PI/2 BPSK	270	0	23.47	23.33	23.22	
100	QPSK	1	1	23.78	23.96	23.74	25.70
100	QPSK	1	137	24.11	23.99	23.75	
100	QPSK	1	271	23.46	23.69	23.65	
100	QPSK	135	0	23.14	22.93	22.75	25.70
100	QPSK	135	69	24.15	23.92	23.75	
100	QPSK	135	138	23.13	22.76	22.74	
100	QPSK	270	0	23.06	22.88	22.71	24.70
100	16QAM	1	1	22.89	23.04	22.77	24.70
100	64QAM	1	1	21.40	21.46	21.27	23.20
100	256QAM	1	1	19.74	19.60	19.87	21.20
Channel				508200	518598	528096	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.15	24.11	23.93	25.70
Channel				507204	518598	529098	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.91	24.04	23.77	25.70
Channel				506200	518598	531096	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.84	23.89	23.70	25.70
Channel				504204	518598	532098	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.05	24.10	23.78	25.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.02	24.02	23.83	25.70
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.03	24.09	24.03	25.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.15	24.14	23.94	25.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.12	24.12	23.92	25.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.10	24.13	24.12	25.70



n41 PC2_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.43	26.54	26.48	27.00
100	PI/2 BPSK	1	137	26.59	26.60	26.42	
100	PI/2 BPSK	1	271	26.56	26.35	26.40	
100	PI/2 BPSK	135	0	25.95	26.04	25.94	26.50
100	PI/2 BPSK	135	69	26.54	26.55	26.44	27.00
100	PI/2 BPSK	135	138	26.06	25.86	25.88	26.50
100	PI/2 BPSK	270	0	25.91	25.92	25.89	
100	QPSK	1	1	26.30	26.45	26.44	27.00
100	QPSK	1	137	26.57	26.47	26.36	
100	QPSK	1	271	26.41	26.21	26.33	27.00
100	QPSK	135	0	25.38	25.45	25.38	
100	QPSK	135	69	26.50	26.46	26.38	
100	QPSK	135	138	25.51	25.31	25.30	26.00
100	QPSK	270	0	25.47	25.37	25.31	
100	16QAM	1	1	25.05	25.26	25.28	26.00
100	64QAM	1	1	23.64	23.95	23.92	24.50
100	256QAM	1	1	21.66	21.79	21.78	22.50
Channel				508200	518598	528096	
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.38	26.54	26.45	27.00
Channel				507204	518598	529098	
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.37	26.50	26.39	27.00
Channel				505200	518598	531096	
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.35	26.54	26.39	27.00
Channel				504204	518598	532098	
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.39	26.49	26.46	27.00
Channel				503202	518598	534000	
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.34	26.53	26.38	27.00
Channel				502200	518598	534996	
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.43	26.44	26.46	27.00
Channel				501204	518598	535998	
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.43	26.53	26.45	27.00
Channel				500700	518598	536496	
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.37	26.51	26.43	27.00
Channel				500202	518598	537000	
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.34	26.53	26.38	27.00



n38_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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.07	17.15	17.07	18.40
20	PI/2 BPSK	1	26	17.00	17.09	17.08	
20	PI/2 BPSK	1	49	16.94	16.99	16.95	
20	PI/2 BPSK	25	0	17.05	17.10	17.04	18.40
20	PI/2 BPSK	25	13	17.05	17.08	17.00	18.40
20	PI/2 BPSK	25	26	16.97	17.01	16.92	18.40
20	PI/2 BPSK	50	0	17.01	17.07	16.97	
20	QPSK	1	1	17.10	17.13	17.13	18.40
20	QPSK	1	26	17.05	17.05	16.99	
20	QPSK	1	49	16.95	17.00	16.94	
20	QPSK	25	0	17.04	17.08	16.99	18.40
20	QPSK	25	13	16.95	17.04	16.94	
20	QPSK	25	26	16.92	17.02	16.92	
20	QPSK	50	0	17.01	17.05	17.04	18.40
20	16QAM	1	1	16.95	17.02	16.93	18.40
20	64QAM	1	1	17.08	17.14	17.06	18.40
20	256QAM	1	1	17.07	17.13	17.08	18.40
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	17.06	17.05	17.06	18.40
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	17.00	17.05	17.07	18.40



n41 PC3_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.20	17.30	17.21	18.60
100	PI/2 BPSK	1	137	17.38	17.46	17.45	
100	PI/2 BPSK	1	271	17.25	17.25	17.21	
100	PI/2 BPSK	135	0	17.27	17.36	17.29	18.60
100	PI/2 BPSK	135	69	17.31	17.37	17.29	18.60
100	PI/2 BPSK	135	138	17.25	17.25	17.19	18.60
100	PI/2 BPSK	270	0	17.22	17.31	17.24	
100	QPSK	1	1	17.26	17.28	17.19	
100	QPSK	1	137	17.43	17.44	17.37	18.60
100	QPSK	1	271	17.17	17.23	17.22	
100	QPSK	135	0	17.28	17.33	17.26	
100	QPSK	135	69	17.29	17.35	17.34	18.60
100	QPSK	135	138	17.16	17.26	17.19	
100	QPSK	270	0	17.22	17.30	17.21	
100	16QAM	1	1	17.31	17.41	17.34	18.60
100	64QAM	1	1	17.31	17.40	17.40	18.60
100	256QAM	1	1	17.37	17.42	17.38	18.60
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.30	17.25	17.24	18.60
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.25	17.22	17.25	18.60
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.25	17.26	17.27	18.60
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.20	17.22	17.28	18.60
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.29	17.30	17.23	18.60
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.30	17.21	17.24	18.60
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.23	17.25	17.28	18.60
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.26	17.27	17.26	18.60
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.30	17.22	17.23	18.60



n41 PC2_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.41	20.51	20.48	21.60
100	PI/2 BPSK	1	137	20.50	20.56	20.51	
100	PI/2 BPSK	1	271	20.37	20.39	20.30	
100	PI/2 BPSK	135	0	20.50	20.54	20.52	21.60
100	PI/2 BPSK	135	69	20.48	20.55	20.50	21.60
100	PI/2 BPSK	135	138	20.45	20.45	20.45	21.60
100	PI/2 BPSK	270	0	20.52	20.52	20.47	
100	QPSK	1	1	20.48	20.50	20.41	
100	QPSK	1	137	20.50	20.54	20.45	21.60
100	QPSK	1	271	20.25	20.35	20.35	
100	QPSK	135	0	20.54	20.55	20.49	
100	QPSK	135	69	20.50	20.54	20.54	21.60
100	QPSK	135	138	20.48	20.48	20.47	
100	QPSK	270	0	20.44	20.50	20.46	
100	16QAM	1	1	20.44	20.51	20.44	21.60
100	64QAM	1	1	20.51	20.53	20.52	21.60
100	256QAM	1	1	20.44	20.51	20.46	21.60
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.46	20.43	20.42	21.60
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.47	20.42	20.48	21.60
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.43	20.51	20.51	21.60
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.50	20.46	20.44	21.60
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.41	20.43	20.49	21.60
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.47	20.43	20.45	21.60
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.44	20.51	20.49	21.60
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.44	20.50	20.43	21.60
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.43	20.50	20.43	21.60



n38_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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.07	17.15	17.07	17.60
20	PI/2 BPSK	1	26	17.00	17.09	17.08	
20	PI/2 BPSK	1	49	16.94	16.99	16.95	
20	PI/2 BPSK	25	0	17.05	17.10	17.04	17.60
20	PI/2 BPSK	25	13	17.05	17.08	17.00	17.60
20	PI/2 BPSK	25	26	16.97	17.01	16.92	17.60
20	PI/2 BPSK	50	0	17.01	17.07	16.97	
20	QPSK	1	1	17.10	17.13	17.13	17.60
20	QPSK	1	26	17.05	17.05	16.99	
20	QPSK	1	49	16.95	17.00	16.94	
20	QPSK	25	0	17.04	17.08	16.99	17.60
20	QPSK	25	13	16.95	17.04	16.94	
20	QPSK	25	26	16.92	17.02	16.92	
20	QPSK	50	0	17.01	17.05	17.04	17.60
20	16QAM	1	1	16.95	17.02	16.93	17.60
20	64QAM	1	1	17.08	17.14	17.06	17.60
20	256QAM	1	1	17.07	17.13	17.08	17.60
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	17.06	17.05	17.06	17.60
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	17.00	17.05	17.07	17.60



n41 PC3_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.20	17.30	17.21	17.80
100	PI/2 BPSK	1	137	17.38	17.46	17.45	
100	PI/2 BPSK	1	271	17.25	17.25	17.21	
100	PI/2 BPSK	135	0	17.27	17.36	17.29	17.80
100	PI/2 BPSK	135	69	17.31	17.37	17.29	17.80
100	PI/2 BPSK	135	138	17.25	17.25	17.19	17.80
100	PI/2 BPSK	270	0	17.22	17.31	17.24	
100	QPSK	1	1	17.26	17.28	17.19	17.80
100	QPSK	1	137	17.43	17.44	17.37	
100	QPSK	1	271	17.17	17.23	17.22	
100	QPSK	135	0	17.28	17.33	17.26	17.80
100	QPSK	135	69	17.29	17.35	17.34	
100	QPSK	135	138	17.16	17.26	17.19	
100	QPSK	270	0	17.22	17.30	17.21	17.80
100	16QAM	1	1	17.31	17.41	17.34	17.80
100	64QAM	1	1	17.31	17.40	17.40	17.80
100	256QAM	1	1	17.37	17.42	17.38	17.80
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.30	17.25	17.24	17.80
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.25	17.22	17.25	17.80
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.25	17.26	17.27	17.80
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.20	17.22	17.28	17.80
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.29	17.30	17.23	17.80
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.30	17.21	17.24	17.80
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.23	17.25	17.28	17.80
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.26	17.27	17.26	17.80
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.30	17.22	17.23	17.80



n41 PC2_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.41	20.51	20.48	20.80
100	PI/2 BPSK	1	137	20.50	20.56	20.51	
100	PI/2 BPSK	1	271	20.37	20.39	20.30	
100	PI/2 BPSK	135	0	20.50	20.54	20.52	20.80
100	PI/2 BPSK	135	69	20.48	20.55	20.50	20.80
100	PI/2 BPSK	135	138	20.45	20.45	20.45	20.80
100	PI/2 BPSK	270	0	20.52	20.52	20.47	
100	QPSK	1	1	20.48	20.50	20.41	
100	QPSK	1	137	20.50	20.54	20.45	20.80
100	QPSK	1	271	20.25	20.35	20.35	
100	QPSK	135	0	20.54	20.55	20.49	
100	QPSK	135	69	20.50	20.54	20.54	20.80
100	QPSK	135	138	20.48	20.48	20.47	
100	QPSK	270	0	20.44	20.50	20.46	
100	16QAM	1	1	20.44	20.51	20.44	20.80
100	64QAM	1	1	20.51	20.53	20.52	20.80
100	256QAM	1	1	20.44	20.51	20.46	20.80
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.46	20.43	20.42	20.80
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.47	20.42	20.48	20.80
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.43	20.51	20.51	20.80
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.50	20.46	20.44	20.80
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.41	20.43	20.49	20.80
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.47	20.43	20.45	20.80
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.44	20.51	20.49	20.80
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.44	20.50	20.43	20.80
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.43	20.50	20.43	20.80



n38_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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.13	20.15	20.02	20.70
20	PI/2 BPSK	1	26	20.06	20.10	19.85	
20	PI/2 BPSK	1	49	19.98	20.02	19.87	
20	PI/2 BPSK	25	0	20.05	20.09	19.89	20.70
20	PI/2 BPSK	25	13	20.07	20.11	19.97	20.70
20	PI/2 BPSK	25	26	19.97	20.01	19.87	20.70
20	PI/2 BPSK	50	0	20.00	20.04	19.88	
20	QPSK	1	1	20.06	20.10	19.94	20.70
20	QPSK	1	26	19.91	19.95	19.81	
20	QPSK	1	49	19.87	19.91	19.83	
20	QPSK	25	0	19.99	20.03	19.85	20.70
20	QPSK	25	13	19.97	20.01	19.93	
20	QPSK	25	26	20.01	20.05	19.83	
20	QPSK	50	0	19.94	19.98	19.87	20.70
20	16QAM	1	1	19.95	19.99	19.80	20.70
20	64QAM	1	1	19.96	20.00	19.97	20.70
20	256QAM	1	1	20.04	20.08	20.00	20.70
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	20.12	20.11	19.96	20.70
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	20.04	20.10	19.99	20.70



n41 PC3_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.88	20.21	19.82	20.90
100	PI/2 BPSK	1	137	20.07	20.14	20.04	
100	PI/2 BPSK	1	271	20.05	20.14	19.86	
100	PI/2 BPSK	135	0	19.84	20.03	19.77	20.90
100	PI/2 BPSK	135	69	19.95	20.15	19.96	20.90
100	PI/2 BPSK	135	138	19.86	20.09	19.83	20.90
100	PI/2 BPSK	270	0	19.90	20.08	19.98	
100	QPSK	1	1	20.02	20.12	19.90	
100	QPSK	1	137	20.07	20.14	19.98	20.90
100	QPSK	1	271	19.89	20.00	19.84	
100	QPSK	135	0	20.04	20.09	19.86	
100	QPSK	135	69	19.85	20.08	19.91	20.90
100	QPSK	135	138	19.85	19.90	19.74	
100	QPSK	270	0	19.83	19.89	19.78	
100	16QAM	1	1	19.99	20.16	19.93	20.90
100	64QAM	1	1	20.09	20.15	20.00	20.90
100	256QAM	1	1	20.09	20.14	19.85	20.90
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.90	20.18	19.98	20.90
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.01	20.03	20.05	20.90
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.02	20.15	20.09	20.90
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.03	20.06	20.12	20.90
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.01	20.08	20.06	20.90
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.09	20.12	20.08	20.90
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.11	20.15	20.13	20.90
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.96	20.06	19.96	20.90
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.82	20.00	19.86	20.90



n41 PC2_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.31	23.58	23.30	23.90
100	PI/2 BPSK	1	137	23.51	23.53	23.17	
100	PI/2 BPSK	1	271	23.42	23.31	23.13	
100	PI/2 BPSK	135	0	23.39	23.43	23.14	23.90
100	PI/2 BPSK	135	69	23.45	23.52	23.09	23.90
100	PI/2 BPSK	135	138	23.27	23.30	23.06	23.90
100	PI/2 BPSK	270	0	23.35	23.38	23.07	
100	QPSK	1	1	23.41	23.55	23.31	
100	QPSK	1	137	23.45	23.54	23.17	23.90
100	QPSK	1	271	23.24	23.27	23.14	
100	QPSK	135	0	23.40	23.43	23.12	
100	QPSK	135	69	23.35	23.38	23.13	23.90
100	QPSK	135	138	23.22	23.25	23.07	
100	QPSK	270	0	23.29	23.32	23.04	
100	16QAM	1	1	23.28	23.31	23.02	23.90
100	64QAM	1	1	23.27	23.30	23.01	23.90
100	256QAM	1	1	21.97	22.00	21.50	22.40
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.30	23.50	23.24	23.90
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.24	23.48	23.21	23.90
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.22	23.53	23.27	23.90
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.22	23.55	23.23	23.90
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.28	23.51	23.21	23.90
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.26	23.50	23.26	23.90
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.24	23.49	23.20	23.90
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.27	23.54	23.22	23.90
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.30	23.56	23.23	23.90



n38_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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.13	20.15	20.02	21.50
20	PI/2 BPSK	1	26	20.06	20.10	19.85	
20	PI/2 BPSK	1	49	19.98	20.02	19.87	
20	PI/2 BPSK	25	0	20.05	20.09	19.89	21.50
20	PI/2 BPSK	25	13	20.07	20.11	19.97	21.50
20	PI/2 BPSK	25	26	19.97	20.01	19.87	21.50
20	PI/2 BPSK	50	0	20.00	20.04	19.88	
20	QPSK	1	1	20.06	20.10	19.94	21.50
20	QPSK	1	26	19.91	19.95	19.81	
20	QPSK	1	49	19.87	19.91	19.83	
20	QPSK	25	0	19.99	20.03	19.85	21.50
20	QPSK	25	13	19.97	20.01	19.93	
20	QPSK	25	26	20.01	20.05	19.83	
20	QPSK	50	0	19.94	19.98	19.87	21.50
20	16QAM	1	1	19.95	19.99	19.80	21.50
20	64QAM	1	1	19.96	20.00	19.97	21.50
20	256QAM	1	1	20.04	20.08	20.00	21.50
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	20.12	20.11	19.96	21.50
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	20.04	20.10	19.99	21.50



n41 PC3_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.88	20.21	19.82	21.70
100	PI/2 BPSK	1	137	20.07	20.14	20.04	
100	PI/2 BPSK	1	271	20.05	20.14	19.86	
100	PI/2 BPSK	135	0	19.84	20.03	19.77	21.70
100	PI/2 BPSK	135	69	19.95	20.15	19.96	21.70
100	PI/2 BPSK	135	138	19.86	20.09	19.83	21.70
100	PI/2 BPSK	270	0	19.90	20.08	19.98	
100	QPSK	1	1	20.02	20.12	19.90	
100	QPSK	1	137	20.07	20.14	19.98	21.70
100	QPSK	1	271	19.89	20.00	19.84	
100	QPSK	135	0	20.04	20.09	19.86	
100	QPSK	135	69	19.85	20.08	19.91	21.70
100	QPSK	135	138	19.85	19.90	19.74	
100	QPSK	270	0	19.83	19.89	19.78	
100	16QAM	1	1	19.99	20.16	19.93	21.70
100	64QAM	1	1	20.09	20.15	20.00	21.70
100	256QAM	1	1	20.09	20.14	19.85	21.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.90	20.18	19.98	21.70
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.01	20.03	20.05	21.70
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.02	20.15	20.09	21.70
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.03	20.06	20.12	21.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.01	20.08	20.06	21.70
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.09	20.12	20.08	21.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.11	20.15	20.13	21.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.96	20.06	19.96	21.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.82	20.00	19.86	21.70



n41 PC2_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.31	23.58	23.30	24.70
100	PI/2 BPSK	1	137	23.51	23.53	23.17	
100	PI/2 BPSK	1	271	23.42	23.31	23.13	
100	PI/2 BPSK	135	0	23.39	23.43	23.14	24.70
100	PI/2 BPSK	135	69	23.45	23.52	23.09	24.70
100	PI/2 BPSK	135	138	23.27	23.30	23.06	24.70
100	PI/2 BPSK	270	0	23.35	23.38	23.07	
100	QPSK	1	1	23.41	23.55	23.31	
100	QPSK	1	137	23.45	23.54	23.17	24.70
100	QPSK	1	271	23.24	23.27	23.14	
100	QPSK	135	0	23.40	23.43	23.12	
100	QPSK	135	69	23.35	23.38	23.13	24.70
100	QPSK	135	138	23.22	23.25	23.07	
100	QPSK	270	0	23.29	23.32	23.04	
100	16QAM	1	1	23.28	23.31	23.02	24.70
100	64QAM	1	1	23.27	23.30	23.01	24.20
100	256QAM	1	1	21.97	22.00	21.50	22.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.30	23.50	23.24	24.70
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.24	23.48	23.21	24.70
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.22	23.53	23.27	24.70
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.22	23.55	23.23	24.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.28	23.51	23.21	24.70
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.26	23.50	23.26	24.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.24	23.49	23.20	24.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.27	23.54	23.22	24.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.30	23.56	23.23	24.70



n38_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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.13	20.15	20.02	20.70
20	PI/2 BPSK	1	26	20.06	20.10	19.85	
20	PI/2 BPSK	1	49	19.98	20.02	19.87	
20	PI/2 BPSK	25	0	20.05	20.09	19.89	20.70
20	PI/2 BPSK	25	13	20.07	20.11	19.97	20.70
20	PI/2 BPSK	25	26	19.97	20.01	19.87	20.70
20	PI/2 BPSK	50	0	20.00	20.04	19.88	
20	QPSK	1	1	20.06	20.10	19.94	20.70
20	QPSK	1	26	19.91	19.95	19.81	
20	QPSK	1	49	19.87	19.91	19.83	
20	QPSK	25	0	19.99	20.03	19.85	20.70
20	QPSK	25	13	19.97	20.01	19.93	
20	QPSK	25	26	20.01	20.05	19.83	
20	QPSK	50	0	19.94	19.98	19.87	20.70
20	16QAM	1	1	19.95	19.99	19.80	20.70
20	64QAM	1	1	19.96	20.00	19.97	20.70
20	256QAM	1	1	20.04	20.08	20.00	20.70
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	20.12	20.11	19.96	20.70
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	20.04	20.10	19.99	20.70



n41 PC3_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.88	20.21	19.82	20.90
100	PI/2 BPSK	1	137	20.07	20.14	20.04	
100	PI/2 BPSK	1	271	20.05	20.14	19.86	
100	PI/2 BPSK	135	0	19.84	20.03	19.77	20.90
100	PI/2 BPSK	135	69	19.95	20.15	19.96	20.90
100	PI/2 BPSK	135	138	19.86	20.09	19.83	20.90
100	PI/2 BPSK	270	0	19.90	20.08	19.98	
100	QPSK	1	1	20.02	20.12	19.90	
100	QPSK	1	137	20.07	20.14	19.98	20.90
100	QPSK	1	271	19.89	20.00	19.84	
100	QPSK	135	0	20.04	20.09	19.86	
100	QPSK	135	69	19.85	20.08	19.91	20.90
100	QPSK	135	138	19.85	19.90	19.74	
100	QPSK	270	0	19.83	19.89	19.78	
100	16QAM	1	1	19.99	20.16	19.93	20.90
100	64QAM	1	1	20.09	20.15	20.00	20.90
100	256QAM	1	1	20.09	20.14	19.85	20.90
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.90	20.18	19.98	20.90
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.01	20.03	20.05	20.90
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.02	20.15	20.09	20.90
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.03	20.06	20.12	20.90
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.01	20.08	20.06	20.90
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.09	20.12	20.08	20.90
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.11	20.15	20.13	20.90
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.96	20.06	19.96	20.90
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.82	20.00	19.86	20.90



n41 PC2_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.31	23.58	23.30	23.90
100	PI/2 BPSK	1	137	23.51	23.53	23.17	
100	PI/2 BPSK	1	271	23.42	23.31	23.13	
100	PI/2 BPSK	135	0	23.39	23.43	23.14	23.90
100	PI/2 BPSK	135	69	23.45	23.52	23.09	23.90
100	PI/2 BPSK	135	138	23.27	23.30	23.06	23.90
100	PI/2 BPSK	270	0	23.35	23.38	23.07	
100	QPSK	1	1	23.41	23.55	23.31	
100	QPSK	1	137	23.45	23.54	23.17	23.90
100	QPSK	1	271	23.24	23.27	23.14	
100	QPSK	135	0	23.40	23.43	23.12	
100	QPSK	135	69	23.35	23.38	23.13	23.90
100	QPSK	135	138	23.22	23.25	23.07	
100	QPSK	270	0	23.29	23.32	23.04	
100	16QAM	1	1	23.28	23.31	23.02	23.90
100	64QAM	1	1	23.27	23.30	23.01	23.90
100	256QAM	1	1	21.97	22.00	21.50	22.40
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.30	23.50	23.24	23.90
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.24	23.48	23.21	23.90
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.22	23.53	23.27	23.90
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.22	23.55	23.23	23.90
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.28	23.51	23.21	23.90
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.26	23.50	23.26	23.90
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.24	23.49	23.20	23.90
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.27	23.54	23.22	23.90
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.30	23.56	23.23	23.90



n38_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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.49	24.42	24.37	25.50
20	PI/2 BPSK	1	26	24.50	24.51	24.26	
20	PI/2 BPSK	1	49	24.41	24.33	24.16	
20	PI/2 BPSK	25	0	23.97	23.94	23.79	25.00
20	PI/2 BPSK	25	13	24.44	24.45	24.22	25.50
20	PI/2 BPSK	25	26	23.90	23.86	23.68	25.00
20	PI/2 BPSK	50	0	23.73	23.68	23.58	
20	QPSK	1	1	24.42	24.35	24.28	25.50
20	QPSK	1	26	24.40	24.35	24.26	
20	QPSK	1	49	24.35	24.22	24.13	
20	QPSK	25	0	23.55	23.43	23.33	25.50
20	QPSK	25	13	24.41	24.38	24.29	
20	QPSK	25	26	23.65	23.40	23.25	
20	QPSK	50	0	23.63	23.42	23.34	24.50
20	16QAM	1	1	23.62	23.46	23.25	24.50
20	64QAM	1	1	22.12	22.10	22.06	23.00
20	256QAM	1	1	20.20	20.15	20.08	21.00
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	24.48	24.39	24.33	25.50
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	24.49	24.42	24.35	25.50



n41 PC3_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.16	24.44	24.45	25.70
100	PI/2 BPSK	1	137	24.60	24.58	24.59	
100	PI/2 BPSK	1	271	24.30	24.63	24.53	
100	PI/2 BPSK	135	0	23.62	23.88	24.00	25.20
100	PI/2 BPSK	135	69	24.33	24.50	24.48	25.70
100	PI/2 BPSK	135	138	23.97	24.05	24.06	25.20
100	PI/2 BPSK	270	0	23.75	24.02	24.01	
100	QPSK	1	1	23.87	24.16	24.26	25.70
100	QPSK	1	137	24.33	24.44	24.57	
100	QPSK	1	271	24.10	24.57	24.40	
100	QPSK	135	0	23.10	23.30	23.46	25.70
100	QPSK	135	69	24.29	24.43	24.55	
100	QPSK	135	138	23.42	23.47	23.55	
100	QPSK	270	0	23.24	23.38	23.51	24.70
100	16QAM	1	1	22.89	23.00	23.34	24.70
100	64QAM	1	1	21.48	21.80	21.94	23.20
100	256QAM	1	1	19.52	20.05	20.09	21.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.12	24.41	24.42	25.70
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.07	24.34	24.40	25.70
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.13	24.38	24.38	25.70
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.10	24.40	24.36	25.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.07	24.36	24.43	25.70
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.08	24.38	24.41	25.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.07	24.36	24.41	25.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.07	24.39	24.40	25.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.08	24.35	24.39	25.70



n41 PC2_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.91	26.25	26.59	27.20
100	PI/2 BPSK	1	137	26.44	26.55	26.60	
100	PI/2 BPSK	1	271	26.63	26.65	26.62	
100	PI/2 BPSK	135	0	25.57	25.86	25.99	26.70
100	PI/2 BPSK	135	69	26.31	26.56	26.54	
100	PI/2 BPSK	135	138	25.95	26.09	25.99	27.20
100	PI/2 BPSK	270	0	25.69	26.01	26.00	
100	QPSK	1	1	25.76	26.07	26.35	
100	QPSK	1	137	26.26	26.50	26.51	27.20
100	QPSK	1	271	26.49	26.49	26.36	
100	QPSK	135	0	25.21	25.29	25.45	
100	QPSK	135	69	26.27	26.47	26.51	26.20
100	QPSK	135	138	25.39	25.50	25.45	
100	QPSK	270	0	25.14	25.40	25.42	
100	16QAM	1	1	24.63	24.96	25.21	26.20
100	64QAM	1	1	23.26	23.50	23.77	24.70
100	256QAM	1	1	21.24	21.35	21.60	22.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.91	26.17	26.56	27.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.89	26.21	26.50	27.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.91	26.23	26.59	27.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.91	26.18	26.55	27.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.87	26.19	26.50	27.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.88	26.18	26.55	27.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.83	26.25	26.49	27.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.88	26.20	26.56	27.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.87	26.20	26.57	27.20



n38_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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.05	18.11	18.10	19.50
20	PI/2 BPSK	1	26	17.95	18.03	17.97	
20	PI/2 BPSK	1	49	17.88	17.95	17.89	
20	PI/2 BPSK	25	0	18.03	18.04	17.96	19.50
20	PI/2 BPSK	25	13	17.95	18.01	18.01	19.50
20	PI/2 BPSK	25	26	17.97	17.99	17.98	19.50
20	PI/2 BPSK	50	0	17.92	18.02	17.97	
20	QPSK	1	1	18.05	18.10	18.06	19.50
20	QPSK	1	26	17.92	18.00	17.96	
20	QPSK	1	49	17.99	17.99	17.91	
20	QPSK	25	0	17.99	18.02	17.92	19.50
20	QPSK	25	13	17.97	18.00	17.99	
20	QPSK	25	26	17.96	17.98	17.88	
20	QPSK	50	0	17.93	18.01	17.95	19.50
20	16QAM	1	1	18.07	18.10	18.04	19.50
20	64QAM	1	1	17.85	17.86	17.80	19.50
20	256QAM	1	1	17.97	18.05	17.97	19.50
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	18.10	18.09	18.04	19.50
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	18.07	18.10	18.01	19.50



n41 PC3_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.03	18.05	17.95	19.50
100	PI/2 BPSK	1	137	18.47	18.47	18.47	
100	PI/2 BPSK	1	271	18.51	18.54	18.53	
100	PI/2 BPSK	135	0	18.21	18.25	18.18	19.50
100	PI/2 BPSK	135	69	18.45	18.48	18.48	19.50
100	PI/2 BPSK	135	138	18.44	18.53	18.43	19.50
100	PI/2 BPSK	270	0	18.39	18.41	18.33	
100	QPSK	1	1	17.99	18.00	17.97	19.50
100	QPSK	1	137	18.37	18.42	18.34	
100	QPSK	1	271	18.48	18.52	18.52	
100	QPSK	135	0	18.17	18.26	18.21	19.50
100	QPSK	135	69	18.47	18.47	18.41	
100	QPSK	135	138	18.49	18.51	18.48	
100	QPSK	270	0	18.39	18.40	18.38	19.50
100	16QAM	1	1	18.09	18.15	18.15	19.50
100	64QAM	1	1	18.27	18.28	18.27	19.50
100	256QAM	1	1	18.16	18.23	18.17	19.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.97	17.95	18.05	19.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.95	18.04	18.05	19.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.01	17.99	17.95	19.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.98	17.95	17.98	19.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.05	18.04	18.04	19.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.02	18.00	18.02	19.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.97	17.97	17.95	19.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.02	17.99	18.01	19.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.03	17.99	18.01	19.50



n41 PC2_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.05	21.15	21.05	22.50
100	PI/2 BPSK	1	137	21.54	21.61	21.61	
100	PI/2 BPSK	1	271	21.65	21.66	21.61	
100	PI/2 BPSK	135	0	21.26	21.35	21.31	22.50
100	PI/2 BPSK	135	69	21.51	21.53	21.47	22.50
100	PI/2 BPSK	135	138	21.47	21.54	21.52	22.50
100	PI/2 BPSK	270	0	21.40	21.41	21.34	
100	QPSK	1	1	21.04	21.11	21.02	22.50
100	QPSK	1	137	21.51	21.58	21.49	
100	QPSK	1	271	21.57	21.63	21.62	
100	QPSK	135	0	21.24	21.32	21.31	22.50
100	QPSK	135	69	21.42	21.50	21.50	
100	QPSK	135	138	21.42	21.49	21.45	
100	QPSK	270	0	21.33	21.42	21.39	22.50
100	16QAM	1	1	20.85	20.93	20.85	22.00
100	64QAM	1	1	20.95	21.00	20.94	22.00
100	256QAM	1	1	20.05	20.05	20.02	21.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.04	21.14	21.05	22.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.95	21.07	20.98	22.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.98	21.08	20.97	22.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.05	21.09	20.95	22.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.04	21.07	21.05	22.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.03	21.11	21.02	22.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.01	21.14	20.96	22.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.98	21.10	20.98	22.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.02	21.05	21.05	22.50



n38_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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.05	18.11	18.10	18.70
20	PI/2 BPSK	1	26	17.95	18.03	17.97	
20	PI/2 BPSK	1	49	17.88	17.95	17.89	
20	PI/2 BPSK	25	0	18.03	18.04	17.96	18.70
20	PI/2 BPSK	25	13	17.95	18.01	18.01	18.70
20	PI/2 BPSK	25	26	17.97	17.99	17.98	18.70
20	PI/2 BPSK	50	0	17.92	18.02	17.97	
20	QPSK	1	1	18.05	18.10	18.06	18.70
20	QPSK	1	26	17.92	18.00	17.96	
20	QPSK	1	49	17.99	17.99	17.91	
20	QPSK	25	0	17.99	18.02	17.92	18.70
20	QPSK	25	13	17.97	18.00	17.99	
20	QPSK	25	26	17.96	17.98	17.88	
20	QPSK	50	0	17.93	18.01	17.95	18.70
20	16QAM	1	1	18.07	18.10	18.04	18.70
20	64QAM	1	1	17.85	17.86	17.80	18.70
20	256QAM	1	1	17.97	18.05	17.97	18.70
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	18.10	18.09	18.04	18.70
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	18.07	18.10	18.01	18.70



n41 PC3_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.03	18.05	17.95	18.70
100	PI/2 BPSK	1	137	18.47	18.47	18.47	
100	PI/2 BPSK	1	271	18.51	18.54	18.53	
100	PI/2 BPSK	135	0	18.21	18.25	18.18	18.70
100	PI/2 BPSK	135	69	18.45	18.48	18.48	18.70
100	PI/2 BPSK	135	138	18.44	18.53	18.43	18.70
100	PI/2 BPSK	270	0	18.39	18.41	18.33	
100	QPSK	1	1	17.99	18.00	17.97	18.70
100	QPSK	1	137	18.37	18.42	18.34	
100	QPSK	1	271	18.48	18.52	18.52	
100	QPSK	135	0	18.17	18.26	18.21	18.70
100	QPSK	135	69	18.47	18.47	18.41	
100	QPSK	135	138	18.49	18.51	18.48	
100	QPSK	270	0	18.39	18.40	18.38	18.70
100	16QAM	1	1	18.09	18.15	18.15	18.70
100	64QAM	1	1	18.27	18.28	18.27	18.70
100	256QAM	1	1	18.16	18.23	18.17	18.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.97	17.95	18.05	18.70
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.95	18.04	18.05	18.70
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.01	17.99	17.95	18.70
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.98	17.95	17.98	18.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.05	18.04	18.04	18.70
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.02	18.00	18.02	18.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.97	17.97	17.95	18.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.02	17.99	18.01	18.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.03	17.99	18.01	18.70



n41 PC2_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.05	21.15	21.05	21.70
100	PI/2 BPSK	1	137	21.54	21.61	21.61	
100	PI/2 BPSK	1	271	21.65	21.66	21.61	
100	PI/2 BPSK	135	0	21.26	21.35	21.31	21.70
100	PI/2 BPSK	135	69	21.51	21.53	21.47	21.70
100	PI/2 BPSK	135	138	21.47	21.54	21.52	21.70
100	PI/2 BPSK	270	0	21.40	21.41	21.34	
100	QPSK	1	1	21.04	21.11	21.02	21.70
100	QPSK	1	137	21.51	21.58	21.49	
100	QPSK	1	271	21.57	21.63	21.62	
100	QPSK	135	0	21.24	21.32	21.31	21.70
100	QPSK	135	69	21.42	21.50	21.50	
100	QPSK	135	138	21.42	21.49	21.45	
100	QPSK	270	0	21.33	21.42	21.39	21.70
100	16QAM	1	1	20.85	20.93	20.85	21.20
100	64QAM	1	1	20.95	21.00	20.94	21.20
100	256QAM	1	1	20.05	20.05	20.02	20.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.04	21.14	21.05	21.70
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.95	21.07	20.98	21.70
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.98	21.08	20.97	21.70
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.05	21.09	20.95	21.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.04	21.07	21.05	21.70
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.03	21.11	21.02	21.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.01	21.14	20.96	21.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.98	21.10	20.98	21.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.02	21.05	21.05	21.70



n38_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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.24	22.60	22.43	23.40
20	PI/2 BPSK	1	26	22.48	22.72	22.60	
20	PI/2 BPSK	1	49	22.54	22.80	22.62	
20	PI/2 BPSK	25	0	22.30	22.50	22.40	23.40
20	PI/2 BPSK	25	13	22.41	22.61	22.51	23.40
20	PI/2 BPSK	25	26	22.48	22.68	22.58	23.40
20	PI/2 BPSK	50	0	22.32	22.52	22.42	
20	QPSK	1	1	22.23	22.27	22.27	23.40
20	QPSK	1	26	22.46	22.66	22.56	
20	QPSK	1	49	22.39	22.59	22.49	
20	QPSK	25	0	22.14	22.34	22.24	23.40
20	QPSK	25	13	22.38	22.58	22.48	
20	QPSK	25	26	22.42	22.62	22.52	
20	QPSK	50	0	22.26	22.46	22.36	23.40
20	16QAM	1	1	21.96	22.16	22.06	23.40
20	64QAM	1	1	21.87	22.07	21.97	22.90
20	256QAM	1	1	20.81	20.99	20.91	21.00
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	22.21	22.52	22.37	23.40
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	22.29	22.59	22.36	23.40



n41 PC3_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.31	22.70	22.53	23.40
100	PI/2 BPSK	1	137	22.58	22.82	22.70	
100	PI/2 BPSK	1	271	22.64	22.90	22.72	
100	PI/2 BPSK	135	0	22.40	22.60	22.50	23.40
100	PI/2 BPSK	135	69	22.51	22.71	22.61	23.40
100	PI/2 BPSK	135	138	22.58	22.78	22.68	23.40
100	PI/2 BPSK	270	0	22.42	22.62	22.52	
100	QPSK	1	1	22.21	22.37	22.27	
100	QPSK	1	137	22.56	22.76	22.66	23.40
100	QPSK	1	271	22.49	22.69	22.59	
100	QPSK	135	0	22.24	22.44	22.34	
100	QPSK	135	69	22.48	22.68	22.58	23.40
100	QPSK	135	138	22.52	22.72	22.62	
100	QPSK	270	0	22.36	22.56	22.46	
100	16QAM	1	1	22.06	22.26	22.16	23.40
100	64QAM	1	1	21.97	22.17	22.07	22.90
100	256QAM	1	1	20.91	20.96	20.97	21.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.24	22.60	22.47	23.40
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.23	22.67	22.47	23.40
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.22	22.70	22.44	23.40
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.23	22.65	22.48	23.40
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.21	22.64	22.43	23.40
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.22	22.64	22.46	23.40
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.27	22.63	22.45	23.40
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.26	22.66	22.49	23.40
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.24	22.65	22.48	23.40



n41 PC2_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.21	25.41	25.37	26.40
100	PI/2 BPSK	1	137	25.44	25.64	25.60	
100	PI/2 BPSK	1	271	25.50	25.70	25.66	
100	PI/2 BPSK	135	0	25.23	25.35	25.31	26.40
100	PI/2 BPSK	135	69	25.32	25.52	25.48	26.40
100	PI/2 BPSK	135	138	25.39	25.59	25.55	26.40
100	PI/2 BPSK	270	0	25.24	25.39	25.35	
100	QPSK	1	1	24.80	25.00	24.96	
100	QPSK	1	137	25.18	25.38	25.34	25.90
100	QPSK	1	271	25.39	25.59	25.55	
100	QPSK	135	0	24.98	25.18	25.14	
100	QPSK	135	69	25.17	25.37	25.33	25.90
100	QPSK	135	138	25.21	25.41	25.37	
100	QPSK	270	0	25.01	25.21	25.17	
100	16QAM	1	1	24.63	24.83	24.79	24.90
100	64QAM	1	1	23.21	23.41	23.37	24.40
100	256QAM	1	1	21.21	21.41	21.37	22.40
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.21	25.33	25.27	26.40
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.23	25.41	25.32	26.40
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.24	25.33	25.34	26.40
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.23	25.39	25.29	26.40
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.22	25.36	25.35	26.40
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.27	25.34	25.29	26.40
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.23	25.35	25.30	26.40
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.26	25.40	25.34	26.40
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.25	25.36	25.28	26.40



n38_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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.24	22.60	22.43	24.20
20	PI/2 BPSK	1	26	22.48	22.72	22.60	
20	PI/2 BPSK	1	49	22.54	22.80	22.62	
20	PI/2 BPSK	25	0	22.30	22.50	22.40	24.20
20	PI/2 BPSK	25	13	22.41	22.61	22.51	24.20
20	PI/2 BPSK	25	26	22.48	22.68	22.58	24.20
20	PI/2 BPSK	50	0	22.32	22.52	22.42	
20	QPSK	1	1	22.23	22.27	22.27	24.20
20	QPSK	1	26	22.46	22.66	22.56	
20	QPSK	1	49	22.39	22.59	22.49	
20	QPSK	25	0	22.14	22.34	22.24	24.20
20	QPSK	25	13	22.38	22.58	22.48	
20	QPSK	25	26	22.42	22.62	22.52	
20	QPSK	50	0	22.26	22.46	22.36	24.20
20	16QAM	1	1	21.96	22.16	22.06	23.70
20	64QAM	1	1	21.87	22.07	21.97	23.00
20	256QAM	1	1	20.81	20.99	20.91	21.00
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	22.21	22.52	22.37	24.20
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	22.29	22.59	22.36	24.20



n41 PC3_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.31	22.70	22.53	24.20
100	PI/2 BPSK	1	137	22.58	22.82	22.70	
100	PI/2 BPSK	1	271	22.64	22.90	22.72	
100	PI/2 BPSK	135	0	22.40	22.60	22.50	24.20
100	PI/2 BPSK	135	69	22.51	22.71	22.61	24.20
100	PI/2 BPSK	135	138	22.58	22.78	22.68	24.20
100	PI/2 BPSK	270	0	22.42	22.62	22.52	
100	QPSK	1	1	22.21	22.37	22.27	
100	QPSK	1	137	22.56	22.76	22.66	24.20
100	QPSK	1	271	22.49	22.69	22.59	
100	QPSK	135	0	22.24	22.44	22.34	
100	QPSK	135	69	22.48	22.68	22.58	24.20
100	QPSK	135	138	22.52	22.72	22.62	
100	QPSK	270	0	22.36	22.56	22.46	
100	16QAM	1	1	22.06	22.26	22.16	23.70
100	64QAM	1	1	21.97	22.17	22.07	23.00
100	256QAM	1	1	20.91	20.96	20.97	21.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.24	22.60	22.47	24.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.23	22.67	22.47	24.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.22	22.70	22.44	24.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.23	22.65	22.48	24.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.21	22.64	22.43	24.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.22	22.64	22.46	24.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.27	22.63	22.45	24.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.26	22.66	22.49	24.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.24	22.65	22.48	24.20



n41 PC2_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.21	25.41	25.37	27.20
100	PI/2 BPSK	1	137	25.44	25.64	25.60	
100	PI/2 BPSK	1	271	25.50	25.70	25.66	
100	PI/2 BPSK	135	0	25.23	25.35	25.31	27.20
100	PI/2 BPSK	135	69	25.32	25.52	25.48	27.20
100	PI/2 BPSK	135	138	25.39	25.59	25.55	27.20
100	PI/2 BPSK	270	0	25.24	25.39	25.35	
100	QPSK	1	1	24.80	25.00	24.96	26.20
100	QPSK	1	137	25.18	25.38	25.34	
100	QPSK	1	271	25.39	25.59	25.55	
100	QPSK	135	0	24.98	25.18	25.14	26.20
100	QPSK	135	69	25.17	25.37	25.33	
100	QPSK	135	138	25.21	25.41	25.37	
100	QPSK	270	0	25.01	25.21	25.17	26.20
100	16QAM	1	1	24.63	24.83	24.79	25.20
100	64QAM	1	1	23.21	23.41	23.37	24.70
100	256QAM	1	1	21.21	21.41	21.37	22.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.21	25.33	25.27	27.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.23	25.41	25.32	27.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.24	25.33	25.34	27.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.23	25.39	25.29	27.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.22	25.36	25.35	27.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.27	25.34	25.29	27.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.23	25.35	25.30	27.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.26	25.40	25.34	27.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.25	25.36	25.28	27.20



n38_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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.24	22.60	22.43	23.40
20	PI/2 BPSK	1	26	22.48	22.72	22.60	
20	PI/2 BPSK	1	49	22.54	22.80	22.62	
20	PI/2 BPSK	25	0	22.30	22.50	22.40	23.40
20	PI/2 BPSK	25	13	22.41	22.61	22.51	23.40
20	PI/2 BPSK	25	26	22.48	22.68	22.58	23.40
20	PI/2 BPSK	50	0	22.32	22.52	22.42	
20	QPSK	1	1	22.23	22.27	22.27	23.40
20	QPSK	1	26	22.46	22.66	22.56	
20	QPSK	1	49	22.39	22.59	22.49	
20	QPSK	25	0	22.14	22.34	22.24	23.40
20	QPSK	25	13	22.38	22.58	22.48	
20	QPSK	25	26	22.42	22.62	22.52	
20	QPSK	50	0	22.26	22.46	22.36	23.40
20	16QAM	1	1	21.96	22.16	22.06	23.40
20	64QAM	1	1	21.87	22.07	21.97	22.90
20	256QAM	1	1	20.81	20.99	20.91	21.00
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	22.21	22.52	22.37	23.40
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	22.29	22.59	22.36	23.40



n41 PC3_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.31	22.70	22.53	23.40
100	PI/2 BPSK	1	137	22.58	22.82	22.70	
100	PI/2 BPSK	1	271	22.64	22.90	22.72	
100	PI/2 BPSK	135	0	22.40	22.60	22.50	23.40
100	PI/2 BPSK	135	69	22.51	22.71	22.61	23.40
100	PI/2 BPSK	135	138	22.58	22.78	22.68	23.40
100	PI/2 BPSK	270	0	22.42	22.62	22.52	
100	QPSK	1	1	22.21	22.37	22.27	
100	QPSK	1	137	22.56	22.76	22.66	23.40
100	QPSK	1	271	22.49	22.69	22.59	
100	QPSK	135	0	22.24	22.44	22.34	
100	QPSK	135	69	22.48	22.68	22.58	23.40
100	QPSK	135	138	22.52	22.72	22.62	
100	QPSK	270	0	22.36	22.56	22.46	
100	16QAM	1	1	22.06	22.26	22.16	23.40
100	64QAM	1	1	21.97	22.17	22.07	22.90
100	256QAM	1	1	20.91	20.96	20.97	21.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.24	22.60	22.47	23.40
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.23	22.67	22.47	23.40
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.22	22.70	22.44	23.40
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.23	22.65	22.48	23.40
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.21	22.64	22.43	23.40
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.22	22.64	22.46	23.40
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.27	22.63	22.45	23.40
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.26	22.66	22.49	23.40
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.24	22.65	22.48	23.40



n41 PC2_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.21	25.41	25.37	26.40
100	PI/2 BPSK	1	137	25.44	25.64	25.60	
100	PI/2 BPSK	1	271	25.50	25.70	25.66	
100	PI/2 BPSK	135	0	25.23	25.35	25.31	26.40
100	PI/2 BPSK	135	69	25.32	25.52	25.48	26.40
100	PI/2 BPSK	135	138	25.39	25.59	25.55	26.40
100	PI/2 BPSK	270	0	25.24	25.39	25.35	
100	QPSK	1	1	24.80	25.00	24.96	
100	QPSK	1	137	25.18	25.38	25.34	25.90
100	QPSK	1	271	25.39	25.59	25.55	
100	QPSK	135	0	24.98	25.18	25.14	
100	QPSK	135	69	25.17	25.37	25.33	25.90
100	QPSK	135	138	25.21	25.41	25.37	
100	QPSK	270	0	25.01	25.21	25.17	
100	16QAM	1	1	24.63	24.83	24.79	24.90
100	64QAM	1	1	23.21	23.41	23.37	24.40
100	256QAM	1	1	21.21	21.41	21.37	22.40
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.21	25.33	25.27	26.40
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.23	25.41	25.32	26.40
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.24	25.33	25.34	26.40
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.23	25.39	25.29	26.40
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.22	25.36	25.35	26.40
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.27	25.34	25.29	26.40
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.23	25.35	25.30	26.40
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.26	25.40	25.34	26.40
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.25	25.36	25.28	26.40



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	18.35	18.50	98.90
		6	2437	18.25	18.50	
		11	2462	18.45	18.50	
		12	2467	18.25	18.50	
		13	2472	18.25	18.50	

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	17.65	18.50	98.90
		6	2437	17.95	18.50	
		11	2462	17.65	18.50	
		12	2467	17.55	18.50	
		13	2472	17.85	18.50	

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	17.95	18.50	17.55	18.50	20.76	21.5	93.40	
		6	2437	18.35	18.50	17.95	18.50	21.16	21.5		
		11	2462	18.45	18.50	17.95	18.50	21.22	21.5		
		12	2467	18.25	18.50	17.95	18.50	21.11	21.5		
		13	2472	17.15	17.50	17.05	17.50	20.11	20.5		
	802.11n-HT20 MCS0	1	2412		18.50		18.50		21.5		not required
		6	2437		18.50		18.50		21.5		
		11	2462		18.50		18.50		21.5		
		12	2467		18.50		18.50		21.5		
		13	2472		17.50		17.50		20.5		
	802.11ac-VHT20 MCS0	1	2412		18.50		18.50		21.5		
		6	2437		18.50		18.50		21.5		
		11	2462	not required	18.50	not required	18.50	not required	21.5	not required	
		12	2467		18.50		18.50		21.5		
		13	2472		17.50		17.50		20.5		
	802.11ax-HE20 MCS0	1	2412		18.50		18.50		21.5		
		6	2437		18.50		18.50		21.5		
		11	2462		18.50		18.50		21.5		
		12	2467		18.50		18.50		21.5		
		13	2472		17.50		17.50		20.5		



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 %	
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	15.00	not required	13.50	17.3	not required	
		40	5200		15.00		13.50			
		44	5220		15.00		13.50			
		48	5240		15.00		13.50			
	802.11n-HT20 MCS0	36	5180		15.00		13.50			
		40	5200		15.00		13.50			
		44	5220		15.00		13.50			
		48	5240		15.00		13.50			
	802.11n-HT40 MCS0	38	5190		15.00		13.50			
		46	5230		15.00		13.50			
	802.11ac-VHT20 MCS0	36	5180		15.00		13.50			
		40	5200		15.00		13.50			
		44	5220		15.00		13.50			
	802.11ac-VHT40 MCS0	38	5190		15.00		13.50			
		46	5230		15.00		13.50			
	802.11ac-VHT80 MCS0	42	5210		15.00		13.50			
	802.11ax-HE20 MCS0	36	5180		15.00		13.50			
		40	5200		15.00		13.50			
		44	5220		15.00		13.50			
	802.11ax-HE40 MCS0	38	5190		15.00		13.50			
46		5230	15.00	13.50						
802.11ax-HE80 MCS0	42	5210	15.00	13.50						

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 %									
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	15.00	not required	13.50	17.3	not required									
		56	5280		15.00		13.50											
		60	5300		15.00		13.50											
		64	5320		15.00		13.50											
	802.11n-HT20 MCS0	52	5260		15.00		13.50											
		56	5280		15.00		13.50											
		60	5300		15.00		13.50											
		64	5320		15.00		13.50											
	802.11n-HT40 MCS0	54	5270		13.70		15.00			12.10	13.50	15.98	17.3	96.80				
		62	5310		13.80		15.00			12.20	13.50	16.08	17.3					
	802.11ac-VHT20 MCS0	52	5260		not required		15.00			not required	13.50	not required	17.3	not required				
		56	5280				15.00				13.50							
		60	5300				15.00				13.50							
		64	5320				15.00				13.50							
	802.11ac-VHT40 MCS0	54	5270				15.00				13.50							
		62	5310				15.00				13.50							
	802.11ac-VHT80 MCS0	58	5290				13.90				15.00		12.20		13.50	16.14	17.3	88.30
	802.11ac-VHT160 MCS0	50	5250				14.00				15.00		13.50		16.8	17.3	not required	
	802.11ax-HE20 MCS0	52	5260				not required				15.00		not required		13.50	not required	17.3	not required
		56	5280								15.00				13.50			
60		5300	15.00	13.50														
64		5320	15.00	13.50														
802.11ax-HE40 MCS0	54	5270	15.00	13.50														
	62	5310	15.00	13.50														
802.11ax-HE80 MCS0	58	5290	15.00	13.50														
802.11ax-HE160 MCS0	50	5250	14.00	15.00		13.50		16.8	17.3		not required							



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	15.00	not required	14.00	17.5	not required				
		116	5580		15.00		14.00	17.5					
		124	5620		15.00		14.00	17.5					
		132	5660		15.00		14.00	17.5					
		140	5700		15.00		14.00	17.5					
		144	5720		15.00		14.00	17.5					
	802.11n-HT20 MCS0	100	5500		15.00		14.00	17.5					
		116	5580		15.00		14.00	17.5					
		124	5620		15.00		14.00	17.5					
		132	5660		15.00		14.00	17.5					
		140	5700		15.00		14.00	17.5					
		144	5720		15.00		14.00	17.5					
	802.11n-HT40 MCS0	102	5510		15.00		14.00	17.5					
		110	5550		15.00		14.00	17.5					
		126	5630		15.00		14.00	17.5					
		134	5670		15.00		14.00	17.5					
		142	5710		15.00		14.00	17.5					
	802.11ac-VHT20 MCS0	100	5500		15.00		14.00	17.5					
		116	5580		15.00		14.00	17.5					
		124	5620		15.00		14.00	17.5					
		132	5660		15.00		14.00	17.5					
		140	5700		15.00		14.00	17.5					
		144	5720		15.00		14.00	17.5					
	802.11ac-VHT40 MCS0	102	5510		15.00		14.00	17.5					
		110	5550		15.00		14.00	17.5					
		126	5630		15.00		14.00	17.5					
		134	5670		15.00		14.00	17.5					
		142	5710		15.00		14.00	17.5					
	802.11ac-VHT80 MCS0	106	5530		14.10		15.00	12.70		14.00	16.47	17.5	88.30
		122	5610		14.20		15.00	12.80		14.00	16.57	17.5	
		138	5690		14.10		15.00	12.70		14.00	16.47	17.5	
	802.11ac-VHT160 MCS0	114	5570		14.10		15.00	12.80		14.00	16.51	17.5	88.20
	802.11ax-HE20 MCS0	100	5500		not required		15.00	not required		14.00	not required	17.5	not required
		116	5580				15.00			14.00		17.5	
		124	5620				15.00			14.00		17.5	
		132	5660				15.00			14.00		17.5	
		140	5700				15.00			14.00		17.5	
		144	5720				15.00			14.00		17.5	
	802.11ax-HE40 MCS0	102	5510				15.00			14.00		17.5	
		110	5550				15.00			14.00		17.5	
		126	5630				15.00			14.00		17.5	
		134	5670				15.00			14.00		17.5	
		142	5710				15.00			14.00		17.5	
	802.11ax-HE80 MCS0	106	5530				15.00			14.00		17.5	
		122	5610				15.00			14.00		17.5	
		138	5690				15.00			14.00		17.5	
	802.11ax-HE160 MCS0	114	5570				15.00			14.00		17.5	



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 %					
5.8GHz WLAN	802.11a 6Mbps	149	5745	not required	15.50	not required	13.50	not required	17.6	not required				
		157	5785		15.50		13.50		17.6					
		165	5825		15.50		13.50		17.6					
	802.11n-HT20 MCS0	149	5745		15.50		13.50		17.6					
		157	5785		15.50		13.50		17.6					
		165	5825		15.50		13.50		17.6					
	802.11n-HT40 MCS0	151	5755		14.30		15.50		11.70		13.50	16.20	17.6	96.80
		159	5795		14.10		15.50		11.60		13.50	16.04	17.6	
	802.11ac-VHT20 MCS0	149	5745		not required		15.50		not required		13.50	not required	17.6	not required
		157	5785	15.50		13.50	17.6							
		165	5825	15.50		13.50	17.6							
	802.11ac-VHT40 MCS0	151	5755	15.50		13.50	17.6							
		159	5795	15.50		13.50	17.6							
	802.11ac-VHT80 MCS0	155	5775	14.40		15.50	11.60	13.50		16.23	17.6		88.30	
	802.11ax-HE20 MCS0	149	5745	not required		15.50	not required	13.50		not required	17.6		not required	
		157	5785			15.50		13.50			17.6			
		165	5825			15.50		13.50			17.6			
	802.11ax-HE40 MCS0	151	5755		15.50	13.50		17.6						
159		5795	15.50		13.50	17.6								
802.11ax-HE80 MCS0	155	5775	15.50		13.50	17.6								

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 %					
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845	not required	16.00	not required	13.50	not required	17.9	not required				
		173	5865		16.00		13.50		17.9					
		177	5885		16.00		13.50		17.9					
	802.11n-HT20 MCS0	169	5845		16.00		13.50		17.9					
		173	5865		16.00		13.50		17.9					
		177	5885		16.00		13.50		17.9					
	802.11n-HT40 MCS0	167	5835		16.00		13.50		17.9					
		175	5875		16.00		13.50		17.9					
	802.11ac-VHT20 MCS0	169	5845		not required		16.00		not required		13.50	not required	17.9	not required
		173	5865	16.00		13.50	17.9							
		177	5885	16.00		13.50	17.9							
	802.11ac-VHT40 MCS0	167	5835	16.00		13.50	17.9							
		175	5875	16.00		13.50	17.9							
	802.11ac-VHT80 MCS0	171	5855	15.10		16.00	12.80	13.50		17.11	17.9		88.20	
	802.11ac-VHT160 MCS0	163	5815	15.20		16.00	12.50	13.50		17.10	17.9		88.20	
	802.11ax-HE20 MCS0	169	5845	not required		16.00	not required	13.50		not required	17.9		not required	
		173	5865			16.00		13.50			17.9			
		177	5885		16.00	13.50		17.9						
802.11ax-HE40 MCS0	167	5835	16.00		13.50	17.9								
	175	5875	16.00		13.50	17.9								
802.11ax-HE80 MCS0	171	5855	16.00		13.50	17.9								
802.11ax-HE160 MCS0	163	5815	16.00		13.50	17.9								



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	16.45	16.50	98.90
		6	2437	16.45	16.50	
		11	2462	16.45	16.50	
		12	2467	16.45	16.50	
		13	2472	16.45	16.50	

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	14.75	16.00	98.90
		6	2437	14.95	16.00	
		11	2462	15.00	16.00	
		12	2467	14.65	16.00	
		13	2472	14.75	16.00	

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	16.15	16.50	14.85	16.00	18.56	19.3	93.40		
		6	2437	16.15	16.50	14.85	16.00	18.56	19.3			
		11	2462	16.45	16.50	14.75	16.00	18.69	19.3			
		12	2467	16.25	16.50	14.75	16.00	18.57	19.3			
		13	2472	16.35	16.50	14.75	16.00	18.63	19.3			
	802.11n-HT20 MCS0	1	2412	not required	16.50	not required	16.00	16.00	19.3	19.3		
		6	2437								16.00	19.3
		11	2462								16.00	19.3
		12	2467								16.00	19.3
		13	2472								16.00	19.3
	802.11ac-VHT20 MCS0	1	2412	not required	16.50	not required	16.00	16.00	19.3	19.3		
		6	2437								16.00	19.3
		11	2462								16.00	19.3
		12	2467								16.00	19.3
		13	2472								16.00	19.3
	802.11ax-HE20 MCS0	1	2412	not required	16.50	not required	16.00	16.00	19.3	19.3		
		6	2437								16.00	19.3
		11	2462								16.00	19.3
		12	2467								16.00	19.3
		13	2472								16.00	19.3



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 %			
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	not required	not required	not required	not required	not required	14.50	12.50	16.6
		40	5200							14.50	12.50	16.6
		44	5220							14.50	12.50	16.6
		48	5240							14.50	12.50	16.6
	802.11n-HT20 MCS0	36	5180							14.50	12.50	16.6
		40	5200							14.50	12.50	16.6
		44	5220							14.50	12.50	16.6
		48	5240							14.50	12.50	16.6
	802.11n-HT40 MCS0	38	5190							14.50	12.50	16.6
		46	5230							14.50	12.50	16.6
	802.11ac-VHT20 MCS0	36	5180							14.50	12.50	16.6
		40	5200							14.50	12.50	16.6
		44	5220							14.50	12.50	16.6
	802.11ac-VHT40 MCS0	38	5190							14.50	12.50	16.6
		46	5230							14.50	12.50	16.6
	802.11ac-VHT80 MCS0	42	5210							14.50	12.50	16.6
	802.11ax-HE20 MCS0	36	5180							14.50	12.50	16.6
		40	5200							14.50	12.50	16.6
		44	5220							14.50	12.50	16.6
	802.11ax-HE40 MCS0	38	5190							14.50	12.50	16.6
46		5230	14.50	12.50	16.6							
802.11ax-HE80 MCS0	42	5210	14.50	12.50	16.6							

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 %																	
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	not required	not required	not required	not required	not required	14.50	12.50	16.6														
		56	5280							14.50	12.50	16.6														
		60	5300							14.50	12.50	16.6														
		64	5320							14.50	12.50	16.6														
	802.11n-HT20 MCS0	52	5260							14.50	12.50	16.6														
		56	5280							14.50	12.50	16.6														
		60	5300							14.50	12.50	16.6														
		64	5320							14.50	12.50	16.6														
	802.11n-HT40 MCS0	54	5270							13.70	14.50	12.10	12.50	15.98	16.6	96.80										
		62	5310							13.80	14.50	12.20	12.50	16.08	16.6											
	802.11ac-VHT20 MCS0	52	5260							not required	not required	not required	not required	not required	not required	not required	14.50	12.50	16.6							
		56	5280														14.50	12.50	16.6							
		60	5300														14.50	12.50	16.6							
		64	5320														14.50	12.50	16.6							
	802.11ac-VHT40 MCS0	54	5270														14.50	12.50	16.6							
		62	5310														14.50	12.50	16.6							
	802.11ac-VHT80 MCS0	58	5290														13.90	14.50	12.20	12.50	16.14	16.6	88.30			
	802.11ac-VHT160 MCS0	50	5250														14.00	12.50	12.50	16.3						
	802.11ax-HE20 MCS0	52	5260														not required	not required	not required	not required	not required	not required	not required	14.50	12.50	16.6
		56	5280																					14.50	12.50	16.6
60		5300	14.50	12.50	16.6																					
64		5320	14.50	12.50	16.6																					
802.11ax-HE40 MCS0	54	5270	14.50	12.50	16.6																					
	62	5310	14.50	12.50	16.6																					
802.11ax-HE80 MCS0	58	5290	14.50	12.50	16.6																					
802.11ax-HE160 MCS0	50	5250	14	12.50	16.3																					



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	14.50	not required	12.50	16.6	not required				
		116	5580		14.50		12.50	16.6					
		124	5620		14.50		12.50	16.6					
		132	5660		14.50		12.50	16.6					
		140	5700		14.50		12.50	16.6					
		144	5720		14.50		12.50	16.6					
	802.11n-HT20 MCS0	100	5500		14.50		12.50	16.6					
		116	5580		14.50		12.50	16.6					
		124	5620		14.50		12.50	16.6					
		132	5660		14.50		12.50	16.6					
		140	5700		14.50		12.50	16.6					
		144	5720		14.50		12.50	16.6					
	802.11n-HT40 MCS0	102	5510		14.50		12.50	16.6					
		110	5550		14.50		12.50	16.6					
		126	5630		14.50		12.50	16.6					
		134	5670		14.50		12.50	16.6					
		142	5710		14.50		12.50	16.6					
	802.11ac-VHT20 MCS0	100	5500		14.50		12.50	16.6					
		116	5580		14.50		12.50	16.6					
		124	5620		14.50		12.50	16.6					
		132	5660		14.50		12.50	16.6					
		140	5700		14.50		12.50	16.6					
		144	5720		14.50		12.50	16.6					
	802.11ac-VHT40 MCS0	102	5510		14.50		12.50	16.6					
		110	5550		14.50		12.50	16.6					
		126	5630		14.50		12.50	16.6					
		134	5670		14.50		12.50	16.6					
		142	5710		14.50		12.50	16.6					
	802.11ac-VHT80 MCS0	106	5530		14.20		14.50	12.20		12.50	16.32	16.6	88.30
		122	5610		14.20		14.50	12.10		12.50	16.29	16.6	
		138	5690		14.10		14.50	12.10		12.50	16.22	16.6	
	802.11ac-VHT160 MCS0	114	5570		14.10		14.50	12.10		12.50	16.22	16.6	88.20
	802.11ax-HE20 MCS0	100	5500		not required		14.50	not required		12.50	not required	16.6	not required
		116	5580				14.50			12.50		16.6	
		124	5620				14.50			12.50		16.6	
		132	5660				14.50			12.50		16.6	
		140	5700				14.50			12.50		16.6	
		144	5720				14.50			12.50		16.6	
	802.11ax-HE40 MCS0	102	5510				14.50			12.50		16.6	
		110	5550				14.50			12.50		16.6	
126		5630	14.50	12.50		16.6							
134		5670	14.50	12.50		16.6							
142		5710	14.50	12.50		16.6							
802.11ax-HE80 MCS0	106	5530	14.50	12.50		16.6							
	122	5610	14.50	12.50		16.6							
	138	5690	14.50	12.50		16.6							
802.11ax-HE160 MCS0	114	5570	14.50	12.50		16.6							



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	15.00	not required	13.00	not required	17.1
157			5785	15.00		13.00		17.1		
165			5825	15.00		13.00		17.1		
802.11n-HT20 MCS0		149	5745	not required	15.00	not required	13.00	not required	17.1	not required
		157	5785		15.00		13.00		17.1	
		165	5825		15.00		13.00		17.1	
802.11n-HT40 MCS0		151	5755	14.30	15.00	11.70	13.00	16.20	17.1	96.80
		159	5795	14.10	15.00	11.60	13.00	16.04	17.1	
802.11ac-VHT20 MCS0		149	5745	not required	15.00	not required	13.00	not required	17.1	not required
		157	5785		15.00		13.00		17.1	
		165	5825		15.00		13.00		17.1	
802.11ac-VHT40 MCS0		151	5755	not required	15.00	not required	13.00	not required	17.1	not required
		159	5795		15.00		13.00		17.1	
802.11ac-VHT80 MCS0		155	5775	14.40	15.00	11.60	13.00	16.23	17.1	88.30
802.11ax-HE20 MCS0		149	5745	not required	15.00	not required	13.00	not required	17.1	not required
		157	5785		15.00		13.00		17.1	
		165	5825		15.00		13.00		17.1	
802.11ax-HE40 MCS0		151	5755	not required	15.00	not required	13.00	not required	17.1	not required
		159	5795		15.00		13.00		17.1	
802.11ax-HE80 MCS0		155	5775	not required	15.00	not required	13.00	not required	17.1	not required

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	15.50	not required	12.50	not required	17.3
173			5865	15.50		12.50		17.3		
177			5885	15.50		12.50		17.3		
802.11n-HT20 MCS0		169	5845	not required	15.50	not required	12.50	not required	17.3	not required
		173	5865		15.50		12.50		17.3	
		177	5885		15.50		12.50		17.3	
802.11n-HT40 MCS0		167	5835	not required	15.50	not required	12.50	not required	17.3	not required
		175	5875		15.50		12.50		17.3	
802.11ac-VHT20 MCS0		169	5845	not required	15.50	not required	12.50	not required	17.3	not required
		173	5865		15.50		12.50		17.3	
		177	5885		15.50		12.50		17.3	
802.11ac-VHT40 MCS0		167	5835	not required	15.50	not required	12.50	not required	17.3	not required
		175	5875		15.50		12.50		17.3	
802.11ac-VHT80 MCS0		171	5855	14.70	15.50	11.70	12.50	16.46	17.3	88.20
802.11ac-VHT160 MCS0		163	5815	15.20	15.50	12.50	12.50	17.07	17.3	88.20
802.11ax-HE20 MCS0		169	5845	not required	15.50	not required	12.50	not required	17.3	not required
		173	5865		15.50		12.50		17.3	
		177	5885		15.50		12.50		17.3	
802.11ax-HE40 MCS0		167	5835	not required	15.50	not required	12.50	not required	17.3	not required
		175	5875		15.50		12.50		17.3	
802.11ax-HE80 MCS0		171	5855	not required	15.50	not required	12.50	not required	17.3	not required
802.11ax-HE160 MCS0		163	5815	not required	15.50	not required	12.50	not required	17.3	not required



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	16.45	16.50	98.90
		6	2437	16.45	16.50	
		11	2462	16.45	16.50	
		12	2467	16.45	16.50	
		13	2472	16.45	16.50	

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	14.75	16.00	98.90
		6	2437	14.95	16.00	
		11	2462	15.00	16.00	
		12	2467	14.65	16.00	
		13	2472	14.75	16.00	

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	16.15	16.50	14.85	16.00	18.56	19.3	93.40
		6	2437	16.15	16.50	14.85	16.00	18.56	19.3	
		11	2462	16.45	16.50	14.75	16.00	18.69	19.3	
		12	2467	16.25	16.50	14.75	16.00	18.57	19.3	
		13	2472	16.35	16.50	14.75	16.00	18.63	19.3	
	802.11n-HT20 MCS0	1	2412		16.50		16.00		19.3	not required
		6	2437		16.50		16.00		19.3	
		11	2462		16.50		16.00		19.3	
		12	2467		16.50		16.00		19.3	
	802.11ac-VHT20 MCS0	1	2412		16.50		16.00		19.3	
		6	2437		16.50		16.00		19.3	
		11	2462	not required	16.50	not required	16.00	not required	19.3	
		12	2467		16.50		16.00		19.3	
	802.11ax-HE20 MCS0	1	2412		16.50		16.00		19.3	
		6	2437		16.50		16.00		19.3	
		11	2462		16.50		16.00		19.3	
		12	2467		16.50		16.00		19.3	
			13	2472		16.50		16.00	19.3	



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 %	
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	11.00	not required	8.50	12.9	not required	
		40	5200		11.00		8.50	12.9		
		44	5220		11.00		8.50	12.9		
		48	5240		11.00		8.50	12.9		
	802.11n-HT20 MCS0	36	5180		11.00		8.50	12.9		
		40	5200		11.00		8.50	12.9		
		44	5220		11.00		8.50	12.9		
		48	5240		11.00		8.50	12.9		
	802.11n-HT40 MCS0	38	5190		11.00		8.50	12.9		
		46	5230		11.00		8.50	12.9		
	802.11ac-VHT20 MCS0	36	5180		11.00		8.50	12.9		
		40	5200		11.00		8.50	12.9		
		44	5220		11.00		8.50	12.9		
	802.11ac-VHT40 MCS0	38	5190		11.00		8.50	12.9		
		46	5230		11.00		8.50	12.9		
	802.11ac-VHT80 MCS0	42	5210		11.00		8.50	12.9		
	802.11ax-HE20 MCS0	36	5180		11.00		8.50	12.9		
		40	5200		11.00		8.50	12.9		
		44	5220		11.00		8.50	12.9		
	802.11ax-HE40 MCS0	38	5190		11.00		8.50	12.9		
46		5230	11.00	8.50	12.9					
802.11ax-HE80 MCS0	42	5210	11.00	8.50	12.9					

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 %				
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	11.00	not required	8.50	12.9	not required				
		56	5280		11.00		8.50	12.9					
		60	5300		11.00		8.50	12.9					
		64	5320		11.00		8.50	12.9					
	802.11n-HT20 MCS0	52	5260		11.00		8.50	12.9					
		56	5280		11.00		8.50	12.9					
		60	5300		11.00		8.50	12.9					
		64	5320		11.00		8.50	12.9					
	802.11n-HT40 MCS0	54	5270		11.00		8.50	12.9					
		62	5310		11.00		8.50	12.9					
	802.11ac-VHT20 MCS0	52	5260		11.00		8.50	12.9					
		56	5280		11.00		8.50	12.9					
		60	5300		11.00		8.50	12.9					
		64	5320		11.00		8.50	12.9					
	802.11ac-VHT40 MCS0	54	5270		11.00		8.50	12.9					
		62	5310		11.00		8.50	12.9					
	802.11ac-VHT80 MCS0	58	5290		11.00		8.50	12.9					
	802.11ac-VHT160 MCS0	50	5250		10.80		11.00	8.20		8.50	12.70	12.9	88.20
	802.11ax-HE20 MCS0	52	5260		not required		11.00	not required		8.50	not required	12.9	not required
		56	5280				11.00			8.50		12.9	
60		5300	11.00	8.50		12.9							
64		5320	11.00	8.50		12.9							
802.11ax-HE40 MCS0	54	5270	11.00	8.50		12.9							
	62	5310	11.00	8.50		12.9							
802.11ax-HE80 MCS0	58	5290	11.00	8.50		12.9							
802.11ax-HE160 MCS0	50	5250	11.00	8.50		12.9							



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	11.00	not required	9.50	13.3	not required				
		116	5580		11.00		9.50	13.3					
		124	5620		11.00		9.50	13.3					
		132	5660		11.00		9.50	13.3					
		140	5700		11.00		9.50	13.3					
		144	5720		11.00		9.50	13.3					
	802.11n-HT20 MCS0	100	5500		11.00		9.50	13.3					
		116	5580		11.00		9.50	13.3					
		124	5620		11.00		9.50	13.3					
		132	5660		11.00		9.50	13.3					
		140	5700		11.00		9.50	13.3					
		144	5720		11.00		9.50	13.3					
	802.11n-HT40 MCS0	102	5510		11.00		9.50	13.3					
		110	5550		11.00		9.50	13.3					
		126	5630		11.00		9.50	13.3					
		134	5670		11.00		9.50	13.3					
		142	5710		11.00		9.50	13.3					
	802.11ac-VHT20 MCS0	100	5500		11.00		9.50	13.3					
		116	5580		11.00		9.50	13.3					
		124	5620		11.00		9.50	13.3					
		132	5660		11.00		9.50	13.3					
		140	5700		11.00		9.50	13.3					
		144	5720		11.00		9.50	13.3					
	802.11ac-VHT40 MCS0	102	5510		11.00		9.50	13.3					
		110	5550		11.00		9.50	13.3					
		126	5630		11.00		9.50	13.3					
		134	5670		11.00		9.50	13.3					
		142	5710		11.00		9.50	13.3					
	802.11ac-VHT80 MCS0	106	5530		11.00		9.50	13.3					
		122	5610		11.00		9.50	13.3					
		138	5690		11.00		9.50	13.3					
	802.11ac-VHT160 MCS0	114	5570		9.70		11.00	8.40		9.50	12.11	13.3	88.20
	802.11ax-HE20 MCS0	100	5500		11.00		9.50	13.3					
		116	5580		11.00		9.50	13.3					
		124	5620		11.00		9.50	13.3					
		132	5660		11.00		9.50	13.3					
		140	5700		11.00		9.50	13.3					
		144	5720		11.00		9.50	13.3					
	802.11ax-HE40 MCS0	102	5510		11.00		9.50	13.3					
		110	5550		11.00		9.50	13.3					
126		5630	11.00	9.50	13.3								
134		5670	11.00	9.50	13.3								
802.11ax-HE80 MCS0	106	5530	11.00	9.50	13.3								
	122	5610	11.00	9.50	13.3								
	138	5690	11.00	9.50	13.3								
802.11ax-HE160 MCS0	114	5570	11.00	9.50	13.3								



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		12.00		9.00		13.8
157			5785	12.00		9.00		13.8		
165			5825	12.00		9.00		13.8		
802.11n-HT20 MCS0		149	5745		12.00		9.00		13.8	
		157	5785		12.00		9.00		13.8	
		165	5825		12.00		9.00		13.8	
802.11n-HT40 MCS0		151	5755	not required	12.00	not required	9.00	not required	13.8	not required
		159	5795		12.00		9.00		13.8	
802.11ac-VHT20 MCS0		149	5745		12.00		9.00		13.8	
		157	5785		12.00		9.00		13.8	
		165	5825		12.00		9.00		13.8	
802.11ac-VHT40 MCS0		151	5755		12.00		9.00		13.8	
		159	5795		12.00		9.00		13.8	
802.11ac-VHT80 MCS0		155	5775	11.20	12.00	8.20	9.00	12.96	13.8	88.30
802.11ax-HE20 MCS0		149	5745	not required	12.00	not required	9.00	not required	13.8	not required
		157	5785		12.00		9.00		13.8	
		165	5825		12.00		9.00		13.8	
802.11ax-HE40 MCS0		151	5755		12.00		9.00		13.8	
		159	5795		12.00		9.00		13.8	
802.11ax-HE80 MCS0		155	5775		12.00		9.00		13.8	

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		12.00		9.00		13.8
173			5865	12.00		9.00		13.8		
177			5885	12.00		9.00		13.8		
802.11n-HT20 MCS0		169	5845		12.00		9.00		13.8	
		173	5865		12.00		9.00		13.8	
		177	5885		12.00		9.00		13.8	
802.11n-HT40 MCS0		167	5835	not required	12.00	not required	9.00	not required	13.8	not required
		175	5875		12.00		9.00		13.8	
802.11ac-VHT20 MCS0		169	5845		12.00		9.00		13.8	
		173	5865		12.00		9.00		13.8	
		177	5885		12.00		9.00		13.8	
802.11ac-VHT40 MCS0		167	5835		12.00		9.00		13.8	
		175	5875		12.00		9.00		13.8	
802.11ac-VHT80 MCS0		171	5855		12.00		9.00		13.8	
802.11ac-VHT160 MCS0		163	5815	11.30	12.00	8.40	9.00	13.10	13.8	88.20
802.11ax-HE20 MCS0		169	5845	not required	12.00	not required	9.00	not required	13.8	not required
		173	5865		12.00		9.00		13.8	
		177	5885		12.00		9.00		13.8	
802.11ax-HE40 MCS0		167	5835		12.00		9.00		13.8	
		175	5875		12.00		9.00		13.8	
802.11ax-HE80 MCS0		171	5855		12.00		9.00		13.8	
802.11ax-HE160 MCS0		163	5815		12.00		9.00		13.8	



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	10.95	11.00	98.90
		6	2437	10.95	11.00	
		11	2462	10.65	11.00	
		12	2467	10.55	11.00	
		13	2472	10.65	11.00	

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	9.75	11.00	98.90
		6	2437	9.95	11.00	
		11	2462	10.00	11.00	
		12	2467	9.75	11.00	
		13	2472	9.85	11.00	

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	10.85	11.00	9.85	11.00	13.39	14.0	93.40	
		6	2437	10.75	11.00	9.95	11.00	13.38	14.0		
		11	2462	10.65	11.00	9.85	11.00	13.28	14.0		
		12	2467	10.55	11.00	9.85	11.00	13.22	14.0		
		13	2472	10.75	11.00	9.95	11.00	13.38	14.0		
	802.11n-HT20 MCS0	1	2412	not required	not required	11.00	not required	not required	11.00	14.0	not required
		6	2437			11.00			14.0		
		11	2462			11.00			14.0		
		12	2467			11.00			14.0		
		13	2472			11.00			14.0		
	802.11ac-VHT20 MCS0	1	2412	not required	not required	11.00	not required	not required	11.00	14.0	not required
		6	2437			11.00			14.0		
		11	2462			11.00			14.0		
		12	2467			11.00			14.0		
		13	2472			11.00			14.0		
	802.11ax-HE20 MCS0	1	2412	not required	not required	11.00	not required	not required	11.00	14.0	not required
		6	2437			11.00			14.0		
		11	2462			11.00			14.0		
		12	2467			11.00			14.0		
		13	2472			11.00			14.0		



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 %	
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	11.00	not required	8.50	not required	12.9	not required
		40	5200		11.00		8.50		12.9	
		44	5220		11.00		8.50		12.9	
		48	5240		11.00		8.50		12.9	
	802.11n-HT20 MCS0	36	5180		11.00		8.50		12.9	
		40	5200		11.00		8.50		12.9	
		44	5220		11.00		8.50		12.9	
		48	5240		11.00		8.50		12.9	
	802.11n-HT40 MCS0	38	5190		11.00		8.50		12.9	
		46	5230		11.00		8.50		12.9	
	802.11ac-VHT20 MCS0	36	5180		11.00		8.50		12.9	
		40	5200		11.00		8.50		12.9	
		44	5220		11.00		8.50		12.9	
	802.11ac-VHT40 MCS0	38	5190		11.00		8.50		12.9	
		46	5230		11.00		8.50		12.9	
	802.11ac-VHT80 MCS0	42	5210		11.00		8.50		12.9	
	802.11ax-HE20 MCS0	36	5180		11.00		8.50		12.9	
		40	5200		11.00		8.50		12.9	
		44	5220		11.00		8.50		12.9	
	802.11ax-HE40 MCS0	38	5190		11.00		8.50		12.9	
46		5230	11.00	8.50	12.9					
802.11ax-HE80 MCS0	42	5210	11.00	8.50	12.9					

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 %					
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	11.00	not required	8.50	not required	12.9	not required				
		56	5280		11.00		8.50		12.9					
		60	5300		11.00		8.50		12.9					
		64	5320		11.00		8.50		12.9					
	802.11n-HT20 MCS0	52	5260		11.00		8.50		12.9					
		56	5280		11.00		8.50		12.9					
		60	5300		11.00		8.50		12.9					
		64	5320		11.00		8.50		12.9					
	802.11n-HT40 MCS0	54	5270		11.00		8.50		12.9					
		62	5310		11.00		8.50		12.9					
	802.11ac-VHT20 MCS0	52	5260		11.00		8.50		12.9					
		56	5280		11.00		8.50		12.9					
		60	5300		11.00		8.50		12.9					
		64	5320		11.00		8.50		12.9					
	802.11ac-VHT40 MCS0	54	5270		11.00		8.50		12.9					
		62	5310		11.00		8.50		12.9					
	802.11ac-VHT80 MCS0	58	5290		11.00		8.50		12.9					
	802.11ac-VHT160 MCS0	50	5250		10.80		11.00		8.20		8.50	12.70	12.9	88.20
	802.11ax-HE20 MCS0	52	5260		not required		11.00		not required		8.50	not required	12.9	not required
		56	5280				11.00				8.50		12.9	
60		5300	11.00	8.50		12.9								
64		5320	11.00	8.50		12.9								
802.11ax-HE40 MCS0	54	5270	11.00	8.50		12.9								
	62	5310	11.00	8.50		12.9								
802.11ax-HE80 MCS0	58	5290	11.00	8.50		12.9								
802.11ax-HE160 MCS0	50	5250	11.00	8.50		12.9								



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	10.50	not required	9.00	12.8	not required				
		116	5580		10.50		9.00	12.8					
		124	5620		10.50		9.00	12.8					
		132	5660		10.50		9.00	12.8					
		140	5700		10.50		9.00	12.8					
		144	5720		10.50		9.00	12.8					
	802.11n-HT20 MCS0	100	5500		10.50		9.00	12.8					
		116	5580		10.50		9.00	12.8					
		124	5620		10.50		9.00	12.8					
		132	5660		10.50		9.00	12.8					
		140	5700		10.50		9.00	12.8					
		144	5720		10.50		9.00	12.8					
	802.11n-HT40 MCS0	102	5510		10.50		9.00	12.8					
		110	5550		10.50		9.00	12.8					
		126	5630		10.50		9.00	12.8					
		134	5670		10.50		9.00	12.8					
		142	5710		10.50		9.00	12.8					
	802.11ac-VHT20 MCS0	100	5500		10.50		9.00	12.8					
		116	5580		10.50		9.00	12.8					
		124	5620		10.50		9.00	12.8					
		132	5660		10.50		9.00	12.8					
		140	5700		10.50		9.00	12.8					
		144	5720		10.50		9.00	12.8					
	802.11ac-VHT40 MCS0	102	5510		10.50		9.00	12.8					
		110	5550		10.50		9.00	12.8					
		126	5630		10.50		9.00	12.8					
		134	5670		10.50		9.00	12.8					
		142	5710		10.50		9.00	12.8					
	802.11ac-VHT80 MCS0	106	5530		10.50		9.00	12.8					
		122	5610		10.50		9.00	12.8					
		138	5690		10.50		9.00	12.8					
	802.11ac-VHT160 MCS0	114	5570		9.70		10.50	8.40		9.00	12.11	12.8	88.20
	802.11ax-HE20 MCS0	100	5500		10.50		9.00	12.8					
		116	5580		10.50		9.00	12.8					
		124	5620		10.50		9.00	12.8					
		132	5660		10.50		9.00	12.8					
140		5700	10.50	9.00	12.8								
144		5720	10.50	9.00	12.8								
802.11ax-HE40 MCS0	102	5510	10.50	9.00	12.8								
	110	5550	10.50	9.00	12.8								
	126	5630	10.50	9.00	12.8								
	134	5670	10.50	9.00	12.8								
802.11ax-HE80 MCS0	106	5530	10.50	9.00	12.8								
	122	5610	10.50	9.00	12.8								
	138	5690	10.50	9.00	12.8								
802.11ax-HE160 MCS0	114	5570	10.50	9.00	12.8								



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		12.00		9.00		13.8
157			5785	12.00		9.00		13.8		
165			5825	12.00		9.00		13.8		
802.11n-HT20 MCS0		149	5745		12.00		9.00		13.8	
		157	5785		12.00		9.00		13.8	
		165	5825		12.00		9.00		13.8	
802.11n-HT40 MCS0		151	5755	not required	12.00	not required	9.00	not required	13.8	not required
		159	5795	12.00	9.00	13.8				
802.11ac-VHT20 MCS0		149	5745		12.00		9.00		13.8	
		157	5785		12.00		9.00		13.8	
		165	5825		12.00		9.00		13.8	
802.11ac-VHT40 MCS0		151	5755		12.00		9.00		13.8	
		159	5795		12.00		9.00		13.8	
802.11ac-VHT80 MCS0		155	5775	11.20	12.00	8.20	9.00	12.96	13.8	88.30
802.11ax-HE20 MCS0		149	5745	not required	12.00	not required	9.00	not required	13.8	not required
		157	5785		12.00		9.00		13.8	
		165	5825		12.00		9.00		13.8	
802.11ax-HE40 MCS0		151	5755	not required	12.00	not required	9.00	not required	13.8	not required
		159	5795		12.00		9.00		13.8	
802.11ax-HE80 MCS0		155	5775	not required	12.00	not required	9.00	13.8	not required	

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		12.00		9.00		13.8
173			5865	12.00		9.00		13.8		
177			5885	12.00		9.00		13.8		
802.11n-HT20 MCS0		169	5845		12.00		9.00		13.8	
		173	5865		12.00		9.00		13.8	
		177	5885		12.00		9.00		13.8	
802.11n-HT40 MCS0		167	5835	not required	12.00	not required	9.00	not required	13.8	not required
		175	5875	12.00	9.00	13.8				
802.11ac-VHT20 MCS0		169	5845		12.00		9.00		13.8	
		173	5865		12.00		9.00		13.8	
		177	5885		12.00		9.00		13.8	
802.11ac-VHT40 MCS0		167	5835		12.00		9.00		13.8	
		175	5875		12.00		9.00		13.8	
802.11ac-VHT80 MCS0		171	5855	11.30	12.00	8.40	9.00	13.06	13.8	88.20
802.11ac-VHT160 MCS0		169	5845	not required	12.00	not required	9.00	not required	13.8	not required
		173	5865		12.00		9.00		13.8	
		177	5885		12.00		9.00		13.8	
802.11ax-HE40 MCS0		167	5835	not required	12.00	not required	9.00	not required	13.8	not required
		175	5875		12.00		9.00		13.8	
802.11ax-HE80 MCS0		171	5855	not required	12.00	not required	9.00	13.8	not required	
802.11ax-HE160 MCS0		163	5815	not required	12.00	not required	9.00	13.8	not required	



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	21.55	22.00	98.90
		6	2437	21.55	22.00	
		11	2462	21.75	22.00	
		12	2467	21.75	22.00	
		13	2472	21.75	22.00	

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	21.75	22.00	98.90
		6	2437	21.85	22.00	
		11	2462	21.75	22.00	
		12	2467	21.75	22.00	
		13	2472	21.95	22.00	

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	17.95	18.50	17.55	18.50	20.76	21.5	93.40
		6	2437	20.95	21.50	21.25	21.50	24.11	24.5	
		11	2462	19.25	19.50	19.35	19.50	22.31	22.5	
		12	2467	18.35	19.00	18.95	19.00	21.67	22.0	
		13	2472	17.15	17.50	17.05	17.50	20.11	20.5	
	802.11n-HT20 MCS0	1	2412	not required	18.50	not required	18.50	not required	21.5	not required
		6	2437		21.50		21.50		24.5	
		11	2462		19.50		19.50		22.5	
		12	2467		19.00		19.00		22.0	
		13	2472		17.50		17.50		20.5	
	802.11ac-VHT20 MCS0	1	2412	not required	18.50	not required	18.50	not required	21.5	not required
		6	2437		21.50		21.50		24.5	
		11	2462		19.50		19.50		22.5	
		12	2467		19.00		19.00		22.0	
		13	2472		17.50		17.50		20.5	
	802.11ax-HE20 MCS0	1	2412	not required	18.50	not required	18.50	not required	21.5	not required
		6	2437		21.50		21.50		24.5	
		11	2462		19.50		19.50		22.5	
		12	2467		19.00		19.00		22.0	
		13	2472		17.50		17.50		20.5	



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 %	
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	20.00	not required	20.00	not required	23.0	not required
		40	5200		20.00		23.0			
		44	5220		20.00		23.0			
		48	5240		20.00		23.0			
	802.11n-HT20 MCS0	36	5180		20.00		20.00		23.0	
		40	5200		20.00		23.0			
		44	5220		20.00		23.0			
		48	5240		20.00		23.0			
	802.11n-HT40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		19.00		19.00		22.0	
	802.11ac-VHT20 MCS0	36	5180		20.00		20.00		23.0	
		40	5200		20.00		20.00		23.0	
		44	5220		20.00		20.00		23.0	
	802.11ac-VHT40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		19.00		19.00		22.0	
	802.11ac-VHT80 MCS0	42	5210		16.50		16.50		19.5	
	802.11ax-HE20 MCS0	36	5180		20.00		20.00		23.0	
		40	5200		20.00		20.00		23.0	
		44	5220		20.00		20.00		23.0	
	802.11ax-HE40 MCS0	38	5190		16.00		16.00		19.0	
46		5230	19.00	19.00	22.0					
802.11ax-HE80 MCS0	42	5210	16.50	16.50	19.5					

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 %	
5.3GHz WLAN	802.11a 6Mbps	52	5260	19.90	20.00	19.50	20.00	22.71	23.0	93.42
		56	5280	19.90	20.00	19.30	20.00	22.62	23.0	
		60	5300	19.00	19.00	18.20	19.00	21.63	22.0	
		64	5320	19.30	19.50	18.40	19.50	21.88	22.5	
	802.11n-HT20 MCS0	52	5260	not required	20.00	not required	20.00	not required	23.0	not required
		56	5280		20.00		23.0			
		60	5300		20.00		23.0			
		64	5320		20.00		23.0			
	802.11n-HT40 MCS0	54	5270		19.00		19.00		22.0	
		62	5310		17.00		17.00		20.0	
	802.11ac-VHT20 MCS0	52	5260		20.00		20.00		23.0	
		56	5280		20.00		20.00		23.0	
		60	5300		20.00		20.00		23.0	
		64	5320		20.00		20.00		23.0	
	802.11ac-VHT40 MCS0	54	5270		19.00		19.00		22.0	
		62	5310		17.00		17.00		20.0	
	802.11ac-VHT80 MCS0	58	5290		15.50		15.50		18.5	
	802.11ac-VHT160 MCS0	50	5250		14.00		14.00		17.0	
	802.11ax-HE20 MCS0	52	5260		20.00		20.00		23.0	
		56	5280		20.00		20.00		23.0	
60		5300	20.00		20.00		23.0			
64		5320	20.00		20.00		23.0			
802.11ax-HE40 MCS0	54	5270	19.00		19.00		22.0			
	62	5310	16.50		16.50		19.5			
802.11ax-HE80 MCS0	58	5290	15.50	15.50	18.5					
802.11ax-HE160 MCS0	50	5250	14.00	14.00	17.0					



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	18.00	19.00	19.70	20.00	21.94	22.5	93.60
		116	5580	18.10	19.00	19.60	20.00	21.92	22.5	
		124	5620	18.20	19.00	19.40	20.00	21.85	22.5	
		132	5660	18.10	19.00	19.50	20.00	21.87	22.5	
		144	5720	18.00	19.00	19.70	20.00	21.94	22.5	
	802.11n-HT20 MCS0	100	5500		19.00		19.50		22.3	not required
		116	5580		19.00		20.00		22.5	
		124	5620		19.00		20.00		22.5	
		132	5660		19.00		20.00		22.5	
		140	5700		19.00		19.00		22.0	
	802.11n-HT40 MCS0	102	5510		17.00		17.00		20.0	
		110	5550		19.00		19.00		22.0	
		126	5630		19.00		19.00		22.0	
		134	5670		19.00		19.00		22.0	
	802.11ac-VHT20 MCS0	100	5500		19.00		19.50		22.3	
		116	5580		19.00		20.00		22.5	
		124	5620		19.00		20.00		22.5	
		132	5660		19.00		20.00		22.5	
		140	5700		19.00		19.00		22.0	
	802.11ac-VHT40 MCS0	102	5510		17.00		17.00		20.0	
110		5550		19.00		19.00		22.0		
126		5630	not required	19.00	not required	19.00	not required	22.0		
134		5670		19.00		19.00		22.0		
802.11ac-VHT80 MCS0	106	5530		16.00		16.00		19.0		
	122	5610		19.00		19.00		22.0		
	138	5690		19.00		19.00		22.0		
802.11ac-VHT160 MCS0	114	5570		15.00		15.00		18.0		
802.11ax-HE20 MCS0	100	5500		19.00		19.50		22.3		
	116	5580		19.00		20.00		22.5		
	124	5620		19.00		20.00		22.5		
	132	5660		19.00		20.00		22.5		
	140	5700		19.00		19.00		22.0		
802.11ax-HE40 MCS0	102	5510		17.00		17.00		20.0		
	110	5550		19.00		19.00		22.0		
	126	5630		19.00		19.00		22.0		
	134	5670		19.00		19.00		22.0		
802.11ax-HE80 MCS0	106	5530		16.00		16.00		19.0		
	122	5610		19.00		19.00		22.0		
	138	5690		19.00		19.00		22.0		
802.11ax-HE160 MCS0	114	5570		15.00		15.00		18.0		



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	18.40	18.50	19.90	20.00	22.22	22.3
		157	5785	18.40	18.50	19.70	20.00	22.11	22.3	
		165	5825	18.20	18.50	19.90	20.00	22.18	22.3	
802.11n-HT20 MCS0		149	5745	not required	18.50	not required	20.00	not required	22.3	not required
		157	5785		18.50		20.00		22.3	
		165	5825		18.50		20.00		22.3	
802.11n-HT40 MCS0		151	5755	not required	18.50	not required	19.00	not required	21.8	not required
		159	5795		18.50		19.00		21.8	
802.11ac-VHT20 MCS0		149	5745	not required	18.50	not required	20.00	not required	22.3	not required
		157	5785		18.50		20.00		22.3	
		165	5825		18.50		20.00		22.3	
802.11ac-VHT40 MCS0		151	5755	not required	18.50	not required	19.00	not required	21.8	not required
		159	5795		18.50		19.00		21.8	
802.11ac-VHT80 MCS0		155	5775	not required	18.50	not required	19.00	not required	21.8	not required
		149	5745		18.50		20.00		22.3	
802.11ax-HE20 MCS0		157	5785	not required	18.50	not required	20.00	not required	22.3	not required
		165	5825		18.50		20.00		22.3	
		151	5755		18.50		19.00		21.8	
802.11ax-HE40 MCS0		159	5795	not required	18.50	not required	19.00	not required	21.8	not required
		155	5775		18.50		19.00		21.8	
802.11ax-HE80 MCS0		155	5775	not required	18.50	not required	19.00	not required	21.8	not required

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	18.40	18.50	19.90	20.00	22.22	22.3
		173	5865	18.40	18.50	19.70	20.00	22.11	22.3	
		177	5885	18.40	18.50	19.90	20.00	22.22	22.3	
802.11n-HT20 MCS0		169	5845	not required	18.50	not required	20.00	not required	22.3	not required
		173	5865		18.50		20.00		22.3	
		177	5885		18.50		20.00		22.3	
802.11n-HT40 MCS0		167	5835	not required	18.50	not required	19.00	not required	21.8	not required
		175	5875		18.50		19.00		21.8	
802.11ac-VHT20 MCS0		169	5845	not required	18.50	not required	20.00	not required	22.3	not required
		173	5865		18.50		20.00		22.3	
		177	5885		18.50		20.00		22.3	
802.11ac-VHT40 MCS0		167	5835	not required	18.50	not required	19.00	not required	21.8	not required
		175	5875		18.50		19.00		21.8	
802.11ac-VHT80 MCS0		171	5855	not required	18.50	not required	19.00	not required	21.8	not required
		163	5815		18.50		19.00		21.8	
802.11ax-HE20 MCS0		169	5845	not required	18.50	not required	20.00	not required	22.3	not required
		173	5865		18.50		20.00		22.3	
		177	5885		18.50		20.00		22.3	
802.11ax-HE40 MCS0		167	5835	not required	18.50	not required	19.00	not required	21.8	not required
		175	5875		18.50		19.00		21.8	
802.11ax-HE80 MCS0		171	5855	not required	18.50	not required	19.00	not required	21.8	not required
802.11ax-HE160 MCS0		163	5815	not required	18.50	not required	19.00	not required	21.8	not required



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	21.55	22.00	98.90
		6	2437	21.55	22.00	
		11	2462	21.75	22.00	
		12	2467	21.75	22.00	
		13	2472	21.75	22.00	

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	21.75	22.00	98.90
		6	2437	21.85	22.00	
		11	2462	21.75	22.00	
		12	2467	21.75	22.00	
		13	2472	21.95	22.00	

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	17.95	18.50	17.55	18.50	20.76	21.5	93.40
		6	2437	20.95	21.50	21.25	21.50	24.11	24.5	
		11	2462	19.25	19.50	19.35	19.50	22.31	22.5	
		12	2467	18.35	19.00	18.95	19.00	21.67	22.0	
		13	2472	17.15	17.50	17.05	17.50	20.11	20.5	
	802.11n-HT20 MCS0	1	2412	not required	18.50	not required	18.50	not required	21.5	not required
		6	2437		21.50		24.5			
		11	2462		19.50		22.5			
		12	2467		19.00		22.0			
		13	2472		17.50		20.5			
	802.11ac-VHT20 MCS0	1	2412	not required	18.50	not required	18.50	not required	21.5	not required
		6	2437		21.50		24.5			
		11	2462		19.50		22.5			
		12	2467		19.00		22.0			
		13	2472		17.50		20.5			
	802.11ax-HE20 MCS0	1	2412	not required	18.00	not required	18.00	not required	21.0	not required
		6	2437		21.00		24.0			
		11	2462		19.00		22.0			
		12	2467		19.00		22.0			
		13	2472		17.50		20.5			



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 %	
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	20.00	not required	20.00	not required	23.0	not required
		40	5200		20.00		23.0			
		44	5220		20.00		23.0			
		48	5240		20.00		23.0			
	802.11n-HT20 MCS0	36	5180		20.00		23.0			
		40	5200		20.00		23.0			
		44	5220		20.00		23.0			
		48	5240		20.00		23.0			
	802.11n-HT40 MCS0	38	5190		16.00		19.0			
		46	5230		19.00		22.0			
	802.11ac-VHT20 MCS0	36	5180		20.00		23.0			
		40	5200		20.00		23.0			
		44	5220		20.00		23.0			
	802.11ac-VHT40 MCS0	38	5190		16.00		19.0			
		46	5230		19.00		22.0			
	802.11ac-VHT80 MCS0	42	5210		16.50		19.5			
	802.11ax-HE20 MCS0	36	5180		20.00		23.0			
		40	5200		20.00		23.0			
		44	5220		20.00		23.0			
	802.11ax-HE40 MCS0	38	5190		16.00		19.0			
46		5230	19.00	22.0						
802.11ax-HE80 MCS0	42	5210	16.50	19.5						

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 %	
5.3GHz WLAN	802.11a 6Mbps	52	5260	19.90	20.00	19.50	20.00	22.71	23.0	93.42
		56	5280	19.90	20.00	19.30	20.00	22.62	23.0	
		60	5300	19.00	19.00	18.20	19.00	21.63	22.0	
		64	5320	19.30	19.50	18.40	19.50	21.88	22.5	
	802.11n-HT20 MCS0	52	5260	not required	20.00	not required	20.00	not required	23.0	not required
		56	5280		20.00		23.0			
		60	5300		20.00		23.0			
		64	5320		20.00		23.0			
	802.11n-HT40 MCS0	54	5270		19.00		22.0			
		62	5310		17.00		20.0			
	802.11ac-VHT20 MCS0	52	5260		20.00		23.0			
		56	5280		20.00		23.0			
		60	5300		20.00		23.0			
		64	5320		20.00		23.0			
	802.11ac-VHT40 MCS0	54	5270		19.00		22.0			
		62	5310		17.00		20.0			
	802.11ac-VHT80 MCS0	58	5290		15.50		18.5			
	802.11ac-VHT160 MCS0	50	5250		14.00		17.0			
	802.11ax-HE20 MCS0	52	5260		20.00		23.0			
		56	5280		20.00		23.0			
60		5300	20.00		23.0					
64		5320	20.00		23.0					
802.11ax-HE40 MCS0	54	5270	19.00		22.0					
	62	5310	16.50		19.5					
802.11ax-HE80 MCS0	58	5290	15.50	18.5						
802.11ax-HE160 MCS0	50	5250	14.00	17.0						



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	18.00	18.50	19.70	20.00	21.94	22.3	93.60
		116	5580	18.10	18.50	19.60	20.00	21.92	22.3	
		124	5620	18.20	18.50	19.40	20.00	21.85	22.3	
		132	5660	18.10	18.50	19.50	20.00	21.87	22.3	
		144	5720	18.00	18.50	19.70	20.00	21.94	22.3	
	802.11n-HT20 MCS0	100	5500		18.50		19.50		22.0	not required
		116	5580		18.50		20.00		22.3	
		124	5620		18.50		20.00		22.3	
		132	5660		18.50		20.00		22.3	
		140	5700		18.50		19.00		21.8	
	802.11n-HT40 MCS0	102	5510		17.00		17.00		20.0	
		110	5550		18.50		19.00		21.8	
		126	5630		18.50		19.00		21.8	
		134	5670		18.50		19.00		21.8	
	802.11ac-VHT20 MCS0	100	5500		18.50		19.50		22.0	
		116	5580		18.50		20.00		22.3	
		124	5620		18.50		20.00		22.3	
		132	5660		18.50		20.00		22.3	
		140	5700		18.50		19.00		21.8	
	802.11ac-VHT40 MCS0	102	5510		17.00		17.00		20.0	
110		5550		18.50		19.00		21.8		
126		5630	not required	18.50	not required	19.00	not required	21.8		
134		5670		18.50		19.00		21.8		
802.11ac-VHT80 MCS0	106	5530		16.00		16.00		19.0		
	122	5610		18.50		19.00		21.8		
	138	5690		18.50		19.00		21.8		
802.11ac-VHT160 MCS0	114	5570		15.00		15.00		18.0		
802.11ax-HE20 MCS0	100	5500		18.50		19.50		22.0		
	116	5580		18.50		20.00		22.3		
	124	5620		18.50		20.00		22.3		
	132	5660		18.50		20.00		22.3		
	140	5700		18.50		19.00		21.8		
802.11ax-HE40 MCS0	102	5510		17.00		17.00		20.0		
	110	5550		18.50		19.00		21.8		
	126	5630		18.50		19.00		21.8		
	134	5670		18.50		19.00		21.8		
802.11ax-HE80 MCS0	106	5530		16.00		16.00		19.0		
	122	5610		18.50		19.00		21.8		
	138	5690		18.50		19.00		21.8		
802.11ax-HE160 MCS0	114	5570		15.00		15.00		18.0		



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	17.30	17.50	19.30	19.50	21.42	21.6
		157	5785	17.20	17.50	19.00	19.50	21.20	21.6	
		165	5825	17.30	17.50	19.50	19.50	21.55	21.6	
802.11n-HT20 MCS0		149	5745	not required	17.50	not required	19.50	not required	21.6	not required
		157	5785		17.50		19.50		21.6	
		165	5825		17.50		19.50		21.6	
802.11n-HT40 MCS0		151	5755		17.50		19.00		21.3	
		159	5795		17.50		19.00		21.3	
802.11ac-VHT20 MCS0		149	5745		17.50		19.50		21.6	
		157	5785		17.50		19.50		21.6	
		165	5825		17.50		19.50		21.6	
802.11ac-VHT40 MCS0		151	5755		19.00		21.3		not required	
		159	5795		19.00		21.3		not required	
802.11ac-VHT80 MCS0		155	5775		17.50		19.00		21.3	
802.11ax-HE20 MCS0		149	5745		17.50		19.50		21.6	
		157	5785	17.50	19.50	21.6				
		165	5825	17.50	19.50	21.6				
802.11ax-HE40 MCS0		151	5755	17.50	19.00	21.3				
		159	5795	17.50	19.00	21.3				
802.11ax-HE80 MCS0		155	5775	17.50	19.00	21.3				

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	17.50	17.50	19.40	19.50	21.56	21.6
		173	5865	17.50	17.50	19.30	19.50	21.50	21.6	
		177	5885	17.50	17.50	19.30	19.50	21.50	21.6	
802.11n-HT20 MCS0		169	5845	not required	17.50	not required	19.50	not required	21.6	not required
		173	5865		17.50		19.50		21.6	
		177	5885		17.50		19.50		21.6	
802.11n-HT40 MCS0		167	5835		17.50		19.00		21.3	
		175	5875		17.50		19.00		21.3	
802.11ac-VHT20 MCS0		169	5845		17.50		19.50		21.6	
		173	5865		17.50		19.50		21.6	
		177	5885		17.50		19.50		21.6	
802.11ac-VHT40 MCS0		167	5835		19.00		21.3		not required	
		175	5875		19.00		21.3		not required	
802.11ac-VHT80 MCS0		171	5855		17.50		19.00		21.3	
802.11ac-VHT160 MCS0		163	5815		17.50		19.00		21.3	
802.11ax-HE20 MCS0		169	5845	17.50	19.50	21.6				
		173	5865	17.50	19.50	21.6				
		177	5885	17.50	19.50	21.6				
802.11ax-HE40 MCS0		167	5835	17.50	19.00	21.3				
		175	5875	17.50	19.00	21.3				
802.11ax-HE80 MCS0		171	5855	17.50	19.00	21.3				
802.11ax-HE160 MCS0		163	5815	17.50	19.00	21.3				



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	19.95	20.00	98.90
		6	2437	19.95	20.00	
		11	2462	19.65	20.00	
		12	2467	19.75	20.00	
		13	2472	19.95	20.00	

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	20.45	20.50	98.90
		6	2437	20.45	20.50	
		11	2462	20.35	20.50	
		12	2467	20.35	20.50	
		13	2472	20.45	20.50	

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	17.95	18.50	17.55	18.50	20.76	21.5	93.40
		6	2437	19.65	20.00	20.45	20.50	23.08	23.3	
		11	2462	19.25	19.50	19.35	19.50	22.31	22.5	
		12	2467	18.35	19.00	18.95	19.00	21.67	22.0	
		13	2472	17.15	17.50	17.05	17.50	20.11	20.5	
	802.11n-HT20 MCS0	1	2412	not required	18.50	not required	18.50	not required	21.5	not required
		6	2437		20.00		20.50		23.3	
		11	2462		19.50		19.50		22.5	
		12	2467		19.00		19.00		22.0	
		13	2472		17.50		17.50		20.5	
	802.11ac-VHT20 MCS0	1	2412	not required	18.50	not required	18.50	not required	21.5	not required
		6	2437		20.00		20.50		23.3	
		11	2462		19.50		19.50		22.5	
		12	2467		19.00		19.00		22.0	
		13	2472		17.50		17.50		20.5	
	802.11ax-HE20 MCS0	1	2412	not required	18.50	not required	18.50	not required	21.5	not required
		6	2437		20.00		20.50		23.3	
		11	2462		19.50		19.50		22.5	
		12	2467		19.00		19.00		22.0	
		13	2472		17.50		17.50		20.5	



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 %	
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	16.00	not required	17.00	19.5	not required	
		40	5200		16.00		17.00	19.5		
		44	5220		16.00		17.00	19.5		
		48	5240		16.00		17.00	19.5		
	802.11n-HT20 MCS0	36	5180		16.00		17.00	19.5		
		40	5200		16.00		17.00	19.5		
		44	5220		16.00		17.00	19.5		
		48	5240		16.00		17.00	19.5		
	802.11n-HT40 MCS0	38	5190		16.00		16.00	19.0		
		46	5230		16.00		17.00	19.5		
	802.11ac-VHT20 MCS0	36	5180		16.00		17.00	19.5		
		40	5200		16.00		17.00	19.5		
		44	5220		16.00		17.00	19.5		
	802.11ac-VHT40 MCS0	38	5190		16.00		16.00	19.0		
		46	5230		16.00		17.00	19.5		
	802.11ac-VHT80 MCS0	42	5210		16.00		16.50	19.3		
	802.11ax-HE20 MCS0	36	5180		16.00		17.00	19.5		
		40	5200		16.00		17.00	19.5		
		44	5220		16.00		17.00	19.5		
	802.11ax-HE40 MCS0	38	5190		16.00		16.00	19.0		
46		5230	16.00	17.00	19.5					
802.11ax-HE80 MCS0	42	5210	16.00	16.50	19.3					

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 %				
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	16.00	not required	17.00	19.5	not required				
		56	5280		16.00		17.00	19.5					
		60	5300		16.00		17.00	19.5					
		64	5320		16.00		17.00	19.5					
	802.11n-HT20 MCS0	52	5260		16.00		17.00	19.5					
		56	5280		16.00		17.00	19.5					
		60	5300		16.00		17.00	19.5					
		64	5320		16.00		17.00	19.5					
	802.11n-HT40 MCS0	54	5270		15.30		16.00	16.40		17.00	18.90	19.5	96.60
		62	5310		15.30		16.00	16.40		17.00	18.90	19.5	
	802.11ac-VHT20 MCS0	52	5260		16.00		17.00	19.5					
		56	5280		16.00		17.00	19.5					
		60	5300		16.00		17.00	19.5					
		64	5320		16.00		17.00	19.5					
	802.11ac-VHT40 MCS0	54	5270		16.00		17.00	19.5					
		62	5310		16.00		17.00	19.5					
	802.11ac-VHT80 MCS0	58	5290		15.50		15.50	18.5					
	802.11ac-VHT160 MCS0	50	5250		14.00		14.00	17.0					
	802.11ax-HE20 MCS0	52	5260		16.00		17.00	19.5					
		56	5280		16.00		17.00	19.5					
60		5300	16.00	17.00	19.5								
64		5320	16.00	17.00	19.5								
802.11ax-HE40 MCS0	54	5270	16.00	17.00	19.5								
	62	5310	16.00	17.00	19.5								
802.11ax-HE80 MCS0	58	5290	15.50	15.50	18.5								
802.11ax-HE160 MCS0	50	5250	14.00	14.00	17.0								



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	15.40	15.50	19.70	20.00	21.07	21.3	93.60
		116	5580	15.40	15.50	19.90	20.00	21.22	21.3	
		124	5620	15.40	15.50	19.90	20.00	21.22	21.3	
		132	5660	15.40	15.50	19.90	20.00	21.22	21.3	
		144	5720	15.40	15.50	20.00	20.00	21.29	21.3	
	802.11n-HT20 MCS0	100	5500		15.50		19.50		21.0	not required
		116	5580		15.50		20.00		21.3	
		124	5620		15.50		20.00		21.3	
		132	5660		15.50		20.00		21.3	
		140	5700		15.50		19.00		20.6	
	802.11n-HT40 MCS0	102	5510		15.50		17.00		19.3	
		110	5550		15.50		19.00		20.6	
		126	5630		15.50		19.00		20.6	
		134	5670		15.50		19.00		20.6	
		142	5710		15.50		19.00		20.6	
	802.11ac-VHT20 MCS0	100	5500		15.50		19.50		21.0	
		116	5580		15.50		20.00		21.3	
		124	5620		15.50		20.00		21.3	
		132	5660		15.50		20.00		21.3	
		140	5700		15.50		19.00		20.6	
802.11ac-VHT40 MCS0	102	5510		15.50		17.00		19.3		
	110	5550		15.50		19.00		20.6		
	126	5630	not required	15.50	not required	19.00	not required	20.6		
	134	5670		15.50		19.00		20.6		
	142	5710		15.50		19.00		20.6		
802.11ac-VHT80 MCS0	106	5530		15.50		16.00		18.8		
	122	5610		15.50		19.00		20.6		
	138	5690		15.50		19.00		20.6		
802.11ac-VHT160 MCS0	114	5570		15.00		15.00		18.0		
802.11ax-HE20 MCS0	100	5500		15.50		19.50		21.0		
	116	5580		15.50		20.00		21.3		
	124	5620		15.50		20.00		21.3		
	132	5660		15.50		20.00		21.3		
	140	5700		15.50		19.00		20.6		
802.11ax-HE40 MCS0	102	5510		15.50		17.00		19.3		
	110	5550		15.50		19.00		20.6		
	126	5630		15.50		19.00		20.6		
	134	5670		15.50		19.00		20.6		
	142	5710		15.50		19.00		20.6		
802.11ax-HE80 MCS0	106	5530		15.50		16.00		18.8		
	122	5610		15.50		19.00		20.6		
	138	5690		15.50		19.00		20.6		
802.11ax-HE160 MCS0	114	5570		15.00		15.00		18.0		



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	15.50	not required	17.50	not required	19.6	not required			
157			5785	15.50		17.50		19.6						
165			5825	15.50		17.50		19.6						
802.11n-HT20 MCS0		149	5745	15.50		17.50		19.6						
		157	5785	15.50		17.50		19.6						
		165	5825	15.50		17.50		19.6						
802.11n-HT40 MCS0		151	5755	15.50		17.50		19.6						
		159	5795	15.50		17.50		19.6						
802.11ac-VHT20 MCS0		149	5745	15.50		17.50		19.6						
		157	5785	15.50		17.50		19.6						
		165	5825	15.50		17.50		19.6						
802.11ac-VHT40 MCS0		151	5755	15.50		17.50		19.6						
		159	5795	15.50		17.50		19.6						
802.11ac-VHT80 MCS0		155	5775	15.30		15.50		17.30		17.50		19.42	19.6	88.30
802.11ax-HE20 MCS0		149	5745	not required		15.50		not required		17.50		not required	19.6	not required
	157	5785	15.50		17.50	19.6								
	165	5825	15.50		17.50	19.6								
802.11ax-HE40 MCS0	151	5755	15.50		17.50	19.6								
	159	5795	15.50		17.50	19.6								
802.11ax-HE80 MCS0	155	5775	15.50		17.50	19.6								

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	15.50	not required	17.50	not required	19.6
173			5865	15.50		17.50		19.6		
177			5885	15.50		17.50		19.6		
802.11n-HT20 MCS0		169	5845	15.50		17.50		19.6		
		173	5865	15.50		17.50		19.6		
		177	5885	15.50		17.50		19.6		
802.11n-HT40 MCS0		167	5835	15.50		17.50		19.6		
		175	5875	15.50		17.50		19.6		
802.11ac-VHT20 MCS0		169	5845	15.50		17.50		19.6		
		173	5865	15.50		17.50		19.6		
		177	5885	15.50		17.50		19.6		
802.11ac-VHT40 MCS0		167	5835	15.50		17.50		19.6		
		175	5875	15.50		17.50		19.6		
802.11ac-VHT80 MCS0		171	5855	15.50		17.50		19.6		
802.11ac-VHT160 MCS0		163	5815	15.30		15.50		17.20		17.50
802.11ax-HE20 MCS0	169	5845	not required	15.50	not required	17.50	not required	19.6	not required	
	173	5865		15.50		17.50		19.6		
	177	5885		15.50		17.50		19.6		
802.11ax-HE40 MCS0	167	5835		15.50		17.50		19.6		
	175	5875		15.50		17.50		19.6		
802.11ax-HE80 MCS0	171	5855		15.50		17.50		19.6		
802.11ax-HE160 MCS0	163	5815		15.50		17.50		19.6		



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	16.95	17.00	98.90
		6	2437	16.95	17.00	
		11	2462	16.75	17.00	
		12	2467	16.95	17.00	
		13	2472	16.75	17.00	

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	17.65	18.00	98.90
		6	2437	17.95	18.00	
		11	2462	17.65	18.00	
		12	2467	17.55	18.00	
		13	2472	17.85	18.00	

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	16.75	17.00	17.95	18.00	20.40	20.5	93.40
		6	2437	16.65	17.00	17.95	18.00	20.36	20.5	
		11	2462	16.95	17.00	17.95	18.00	20.49	20.5	
		12	2467	16.85	17.00	17.75	18.00	20.33	20.5	
		13	2472	17.00	17.00	17.05	17.50	20.11	20.3	
	802.11n-HT20 MCS0	1	2412		17.00		18.00		20.5	not required
		6	2437		17.00		18.00		20.5	
		11	2462		17.00		18.00		20.5	
		12	2467		17.00		18.00		20.5	
		13	2472		17.00		17.50		20.3	
	802.11ac-VHT20 MCS0	1	2412		17.00		18.00		20.5	
		6	2437		17.00		18.00		20.5	
		11	2462	not required	17.00	not required	18.00	not required	20.5	
		12	2467		17.00		18.00		20.5	
		13	2472		17.00		17.50		20.3	
	802.11ax-HE20 MCS0	1	2412		17.00		18.00		20.5	
		6	2437		17.00		18.00		20.5	
		11	2462		17.00		18.00		20.5	
		12	2467		17.00		18.00		20.5	
		13	2472		17.00		17.50		20.3	



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 %	
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	15.00	not required	15.00	not required	18.0	not required
		40	5200		15.00		18.0			
		44	5220		15.00		18.0			
		48	5240		15.00		18.0			
	802.11n-HT20 MCS0	36	5180		15.00		18.0			
		40	5200		15.00		18.0			
		44	5220		15.00		18.0			
		48	5240		15.00		18.0			
	802.11n-HT40 MCS0	38	5190		15.00		18.0			
		46	5230		15.00		18.0			
	802.11ac-VHT20 MCS0	36	5180		15.00		18.0			
		40	5200		15.00		18.0			
		44	5220		15.00		18.0			
	802.11ac-VHT40 MCS0	38	5190		15.00		18.0			
		46	5230		15.00		18.0			
	802.11ac-VHT80 MCS0	42	5210		15.00		18.0			
	802.11ax-HE20 MCS0	36	5180		15.00		18.0			
		40	5200		15.00		18.0			
		44	5220		15.00		18.0			
	802.11ax-HE40 MCS0	38	5190		15.00		18.0			
46		5230	15.00	18.0						
802.11ax-HE80 MCS0	42	5210	15.00	18.0						

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 %					
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	15.00	not required	15.00	not required	18.0	not required				
		56	5280		15.00		18.0							
		60	5300		15.00		18.0							
		64	5320		15.00		18.0							
	802.11n-HT20 MCS0	52	5260		15.00		18.0							
		56	5280		15.00		18.0							
		60	5300		15.00		18.0							
		64	5320		15.00		18.0							
	802.11n-HT40 MCS0	54	5270		15.00		18.0							
		62	5310		15.00		18.0							
	802.11ac-VHT20 MCS0	52	5260		15.00		18.0							
		56	5280		15.00		18.0							
		60	5300		15.00		18.0							
		64	5320		15.00		18.0							
	802.11ac-VHT40 MCS0	54	5270		15.00		18.0							
		62	5310		15.00		18.0							
	802.11ac-VHT80 MCS0	58	5290		15.00		15.00		14.70		15.00	17.86	18.0	88.30
	802.11ac-VHT160 MCS0	50	5250		14.00		14.00		14.00		14.00	17.0	17.0	
	802.11ax-HE20 MCS0	52	5260		not required		15.00		not required		15.00	not required	18.0	not required
		56	5280				15.00				18.0			
60		5300	15.00	18.0										
64		5320	15.00	18.0										
802.11ax-HE40 MCS0	54	5270	15.00	18.0										
	62	5310	15.00	18.0										
802.11ax-HE80 MCS0	58	5290	15.00	18.0										
802.11ax-HE160 MCS0	50	5250	14.00	14.00		14.00	17.0	17.0						



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	13.00	not required	17.00	18.5	not required				
		116	5580		13.00		17.00	18.5					
		124	5620		13.00		17.00	18.5					
		132	5660		13.00		17.00	18.5					
		144	5720		13.00		17.00	18.5					
	802.11n-HT20 MCS0	100	5500		13.00		17.00	18.5					
		116	5580		13.00		17.00	18.5					
		124	5620		13.00		17.00	18.5					
		132	5660		13.00		17.00	18.5					
		144	5720		13.00		17.00	18.5					
	802.11n-HT40 MCS0	102	5510		13.00		17.00	18.5					
		110	5550		13.00		17.00	18.5					
		126	5630		13.00		17.00	18.5					
		134	5670		13.00		17.00	18.5					
	802.11ac-VHT20 MCS0	100	5500		13.00		17.00	18.5					
		116	5580		13.00		17.00	18.5					
		124	5620		13.00		17.00	18.5					
		132	5660		13.00		17.00	18.5					
		144	5720		13.00		17.00	18.5					
	802.11ac-VHT40 MCS0	102	5510		13.00		17.00	18.5					
		110	5550		13.00		17.00	18.5					
		126	5630		13.00		17.00	18.5					
		134	5670		13.00		17.00	18.5					
	802.11ac-VHT80 MCS0	106	5530		13.00		13.00	15.90		16.00	17.70	17.8	88.30
		122	5610		12.90		13.00	17.00		17.00	18.43	18.5	
		138	5690		12.90		13.00	16.80		17.00	18.28	18.5	
		114	5570		13.00		13.00	15.00		17.00	17.1	not required	
		802.11ax-HE20 MCS0	100		5500		13.00	17.00		18.5			
	116		5580		13.00		17.00	18.5					
	124		5620		13.00		17.00	18.5					
	132		5660		13.00		17.00	18.5					
	144		5720		13.00		17.00	18.5					
	802.11ax-HE40 MCS0	102	5510		13.00		17.00	18.5					
		110	5550		13.00		17.00	18.5					
		126	5630		13.00		17.00	18.5					
		134	5670		13.00		17.00	18.5					
	802.11ax-HE80 MCS0	106	5530		13.00		16.00	17.8					
		122	5610		13.00		17.00	18.5					
		138	5690		13.00		17.00	18.5					
	802.11ax-HE160 MCS0	114	5570		13.00		15.00	17.1					



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	12.50	not required	14.50	not required	16.6	not required			
157			5785	12.50		14.50		16.6						
165			5825	12.50		14.50		16.6						
802.11n-HT20 MCS0		149	5745	12.50		14.50		16.6						
		157	5785	12.50		14.50		16.6						
		165	5825	12.50		14.50		16.6						
802.11n-HT40 MCS0		151	5755	12.50		14.50		16.6						
		159	5795	12.50		14.50		16.6						
802.11ac-VHT20 MCS0		149	5745	12.50		14.50		16.6						
		157	5785	12.50		14.50		16.6						
		165	5825	12.50		14.50		16.6						
802.11ac-VHT40 MCS0		151	5755	12.50		14.50		16.6						
		159	5795	12.50		14.50		16.6						
802.11ac-VHT80 MCS0		155	5775	12.50		12.50		14.40		14.50		16.56	16.6	88.30
802.11ax-HE20 MCS0		149	5745	not required		12.50		not required		14.50		not required	16.6	not required
		157	5785			12.50				14.50			16.6	
		165	5825			12.50				14.50			16.6	
802.11ax-HE40 MCS0		151	5755			12.50				14.50			16.6	
	159	5795	12.50		14.50	16.6								
802.11ax-HE80 MCS0	155	5775	12.50		14.50	16.6								

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	12.50	not required	14.50	not required	16.6	not required			
173			5865	12.50		14.50		16.6						
177			5885	12.50		14.50		16.6						
802.11n-HT20 MCS0		169	5845	12.50		14.50		16.6						
		173	5865	12.50		14.50		16.6						
		177	5885	12.50		14.50		16.6						
802.11n-HT40 MCS0		167	5835	12.50		14.50		16.6						
		175	5875	12.50		14.50		16.6						
802.11ac-VHT20 MCS0		169	5845	12.50		14.50		16.6						
		173	5865	12.50		14.50		16.6						
		177	5885	12.50		14.50		16.6						
802.11ac-VHT40 MCS0		167	5835	12.50		14.50		16.6						
		175	5875	12.50		14.50		16.6						
802.11ac-VHT80 MCS0		171	5855	12.50		14.50		16.6						
802.11ac-VHT160 MCS0		163	5815	12.40		12.50		14.50		14.50		16.59	16.6	88.20
802.11ax-HE20 MCS0		169	5845	not required		12.50		not required		14.50		not required	16.6	not required
		173	5865			12.50				14.50			16.6	
		177	5885			12.50				14.50			16.6	
802.11ax-HE40 MCS0	167	5835	12.50		14.50	16.6								
	175	5875	12.50		14.50	16.6								
802.11ax-HE80 MCS0	171	5855	12.50		14.50	16.6								
802.11ax-HE160 MCS0	163	5815	12.50		14.50	16.6								



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 %	
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	16.00	not required	17.00	not required	19.5	not required
		40	5200		16.00		17.00		19.5	
		44	5220		16.00		17.00		19.5	
		48	5240		16.00		17.00		19.5	
	802.11n-HT20 MCS0	36	5180		16.00		17.00		19.5	
		40	5200		16.00		17.00		19.5	
		44	5220		16.00		17.00		19.5	
		48	5240		16.00		17.00		19.5	
	802.11n-HT40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		16.00		17.00		19.5	
	802.11ac-VHT20 MCS0	36	5180		16.00		17.00		19.5	
		40	5200		16.00		17.00		19.5	
		44	5220		16.00		17.00		19.5	
	802.11ac-VHT40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		16.00		17.00		19.5	
	802.11ac-VHT80 MCS0	42	5210		16.00		16.50		19.3	
	802.11ax-HE20 MCS0	36	5180		16.00		17.00		19.5	
		40	5200		16.00		17.00		19.5	
		44	5220		16.00		17.00		19.5	
	802.11ax-HE40 MCS0	48	5240		16.00		17.00		19.5	
38		5190	16.00	16.00	19.0					
802.11ax-HE80 MCS0	46	5230	16.00	17.00	19.5					
	42	5210	16.00	16.50	19.3					

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 %					
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	16.00	not required	17.00	not required	19.5	not required				
		56	5280		16.00		17.00		19.5					
		60	5300		16.00		17.00		19.5					
		64	5320		16.00		17.00		19.5					
	802.11n-HT20 MCS0	52	5260		16.00		17.00		19.5					
		56	5280		16.00		17.00		19.5					
		60	5300		16.00		17.00		19.5					
		64	5320		16.00		17.00		19.5					
	802.11n-HT40 MCS0	54	5270		15.30		16.00		16.40		17.00	18.90	19.5	96.60
		62	5310		15.30		16.00		16.40		17.00	18.90	19.5	
	802.11ac-VHT20 MCS0	52	5260		16.00		17.00		19.5					
		56	5280		16.00		17.00		19.5					
		60	5300		16.00		17.00		19.5					
		64	5320		16.00		17.00		19.5					
	802.11ac-VHT40 MCS0	54	5270		16.00		17.00		19.5					
		62	5310		16.00		17.00		19.5					
	802.11ac-VHT80 MCS0	58	5290		15.50		15.50		18.5					
	802.11ac-VHT160 MCS0	50	5250		14.00		14.00		17.0					
	802.11ax-HE20 MCS0	52	5260		16.00		17.00		19.5					
		56	5280		16.00		17.00		19.5					
60		5300	16.00	17.00	19.5									
64		5320	16.00	17.00	19.5									
802.11ax-HE40 MCS0	54	5270	16.00	17.00	19.5									
	62	5310	16.00	17.00	19.5									
802.11ax-HE80 MCS0	58	5290	15.50	15.50	18.5									
802.11ax-HE160 MCS0	50	5250	14.00	14.00	17.0									



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	13.00	not required	17.00	18.5	not required					
		116	5580		13.00		17.00	18.5						
		124	5620		13.00		17.00	18.5						
		132	5660		13.00		17.00	18.5						
		144	5720		13.00		17.00	18.5						
	802.11n-HT20 MCS0	100	5500		13.00		17.00	18.5						
		116	5580		13.00		17.00	18.5						
		124	5620		13.00		17.00	18.5						
		132	5660		13.00		17.00	18.5						
		144	5720		13.00		17.00	18.5						
	802.11n-HT40 MCS0	102	5510		13.00		17.00	18.5						
		110	5550		13.00		17.00	18.5						
		126	5630		not required		13.00	not required		17.00	not required	18.5	not required	
		134	5670		13.00		17.00	18.5						
	802.11ac-VHT20 MCS0	100	5500		13.00		17.00	18.5						
		116	5580		13.00		17.00	18.5						
		124	5620		13.00		17.00	18.5						
		132	5660		13.00		17.00	18.5						
		144	5720		13.00		17.00	18.5						
	802.11ac-VHT40 MCS0	102	5510		13.00		17.00	18.5						
		110	5550		13.00		17.00	18.5						
		126	5630		13.00		17.00	18.5						
		134	5670		13.00		17.00	18.5						
		142	5710		13.00		17.00	18.5						
	802.11ac-VHT80 MCS0	106	5530		13.00		13.00	15.90		16.00	17.70	17.8	88.30	
		122	5610		12.90		13.00	17.00		17.00	18.43	18.5		
		138	5690		12.90		13.00	16.80		17.00	18.28	18.5		
	802.11ac-VHT160 MCS0	114	5570		13.00		13.00	15.00		17.1	17.1	not required		
	802.11ax-HE20 MCS0	100	5500		13.00		17.00	18.5						
		116	5580		13.00		17.00	18.5						
		124	5620		13.00		17.00	18.5						
		132	5660		13.00		17.00	18.5						
		144	5720		13.00		17.00	18.5						
	802.11ax-HE40 MCS0	102	5510		not required		13.00	not required		17.00	not required		18.5	not required
		110	5550		13.00		17.00	18.5						
		126	5630		13.00		17.00	18.5						
		134	5670		13.00		17.00	18.5						
	802.11ax-HE80 MCS0	106	5530		13.00		13.00	16.00		17.8	17.8		not required	
		122	5610		13.00		13.00	17.00		18.5	18.5			
		138	5690		13.00		13.00	17.00		18.5	18.5			
802.11ax-HE160 MCS0	114	5570	13.00	13.00	15.00	17.1	17.1							



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	14.50	not required	16.50	not required	18.6	not required			
157			5785	14.50		16.50		18.6						
165			5825	14.50		16.50		18.6						
802.11n-HT20 MCS0		149	5745	14.50		16.50		18.6						
		157	5785	14.50		16.50		18.6						
		165	5825	14.50		16.50		18.6						
802.11n-HT40 MCS0		151	5755	14.50		16.50		18.6						
		159	5795	14.50		16.50		18.6						
802.11ac-VHT20 MCS0		149	5745	14.50		16.50		18.6						
		157	5785	14.50		16.50		18.6						
		165	5825	14.50		16.50		18.6						
802.11ac-VHT40 MCS0		151	5755	14.50		16.50		18.6						
		159	5795	14.50		16.50		18.6						
802.11ac-VHT80 MCS0		155	5775	14.40		14.50		16.30		16.50		18.46	18.6	88.30
802.11ax-HE20 MCS0		149	5745	not required		14.50		not required		16.50		not required	18.6	not required
		157	5785			14.50				16.50			18.6	
		165	5825			14.50				16.50			18.6	
802.11ax-HE40 MCS0		151	5755			14.50				16.50			18.6	
	159	5795	14.50		16.50	18.6								
802.11ax-HE80 MCS0	155	5775	14.50		16.50	18.6								

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	14.50	not required	16.50	not required	18.6	not required			
173			5865	14.50		16.50		18.6						
177			5885	14.50		16.50		18.6						
802.11n-HT20 MCS0		169	5845	14.50		16.50		18.6						
		173	5865	14.50		16.50		18.6						
		177	5885	14.50		16.50		18.6						
802.11n-HT40 MCS0		167	5835	14.50		16.50		18.6						
		175	5875	14.50		16.50		18.6						
802.11ac-VHT20 MCS0		169	5845	14.50		16.50		18.6						
		173	5865	14.50		16.50		18.6						
		177	5885	14.50		16.50		18.6						
802.11ac-VHT40 MCS0		167	5835	14.50		16.50		18.6						
		175	5875	14.50		16.50		18.6						
802.11ac-VHT80 MCS0		171	5855	14.50		16.50		18.6						
802.11ac-VHT160 MCS0		163	5815	14.20		14.50		16.30		16.50		18.39	18.6	88.20
802.11ax-HE20 MCS0		169	5845	not required		14.50		not required		16.50		not required	18.6	not required
		173	5865			14.50				16.50			18.6	
		177	5885			14.50				16.50			18.6	
802.11ax-HE40 MCS0	167	5835	14.50		16.50	18.6								
	175	5875	14.50		16.50	18.6								
802.11ax-HE80 MCS0	171	5855	14.50		16.50	18.6								
802.11ax-HE160 MCS0	163	5815	14.50		16.50	18.6								



Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
6GHz 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 %
	6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	7.00	not required	7.00	not required	10.0
57			6235	6.50		6.50		9.5		
113			6515	7.00		7.00		10.0		
173			6815	8.00		8.00		11.0		
229			7095	10.50		10.50		13.5		
802.11ax-HE40 MCS0		3	5965	10.00		10.00		13.0		
		59	6245	9.50		9.50		12.5		
		107	6485	10.00		10.00		13.0		
		171	6805	9.50		9.50		12.5		
		227	7085	11.00		11.00		14.0		
802.11ax-HE80 MCS0		7	5985	10.00		10.00		13.0		
		71	6305	10.00		10.00		13.0		
		119	6545	10.00		10.00		13.0		
		167	6785	9.50		9.50		12.5		
		215	7025	11.00		11.00		14.0		
802.11ax-HE160 MCS0		15	6025	9.80		10.00		10.00		10.00
	47	6185	9.80	10.00	10.00	10.00	12.86	13.0		
	111	6505	10.00	10.00	9.40	10.00	12.67	13.0		
	175	6825	9.40	9.50	8.00	9.50	11.77	12.5		
	207	6985	10.80	11.00	10.60	11.00	13.61	14.0		



Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
6GHz 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 %
	6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	7.00	not required	7.00	not required	10.0
57			6235	6.50		6.50		9.5		
113			6515	7.00		7.00		10.0		
173			6815	8.00		8.00		11.0		
229			7095	10.50		10.50		13.5		
802.11ax-HE40 MCS0		3	5965	10.00		10.00		13.0		
		59	6245	9.50		9.50		12.5		
		107	6485	10.00		10.00		13.0		
		171	6805	9.50		9.50		12.5		
		227	7085	11.00		11.00		14.0		
802.11ax-HE80 MCS0		7	5985	10.00		10.00		13.0		
		71	6305	10.00		10.00		13.0		
		119	6545	10.00		10.00		13.0		
		167	6785	9.50		9.50		12.5		
		215	7025	11.00		11.00		14.0		
802.11ax-HE160 MCS0		15	6025	9.80		10.00		10.00		10.00
	47	6185	9.80	10.00	10.00	10.00	12.86	13.0		
	111	6505	10.00	10.00	9.40	10.00	12.67	13.0		
	175	6825	9.40	9.50	8.00	9.50	11.77	12.5		
	207	6985	10.80	11.00	10.60	11.00	13.61	14.0		



Burst Average Power (dBm)														
Transmit Antenna				MIMO Ant 4+3										
6GHz 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 %				
	6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	7.00	not required	7.00	not required	10.0	not required			
57			6235	6.50		6.50		9.5						
113			6515	7.00		7.00		10.0						
173			6815	8.00		8.00		11.0						
229			7095	10.50		10.50		13.5						
802.11ax-HE40 MCS0		3	5965	10.00		10.00		13.0						
		59	6245	9.50		9.50		12.5						
		107	6485	10.00		10.00		13.0						
		171	6805	9.50		9.50		12.5						
		227	7085	11.00		11.00		14.0						
802.11ax-HE80 MCS0		7	5985	10.00		10.00		13.0						
		71	6305	10.00		10.00		13.0						
		119	6545	10.00		10.00		13.0						
		167	6785	9.50		9.50		12.5						
		215	7025	11.00		11.00		14.0						
802.11ax-HE160 MCS0		15	6025	9.80		10.00		10.00		10.00		12.91	13.0	86.20
		47	6185	9.80		10.00		10.00		10.00		12.86	13.0	
		111	6505	10.00		10.00		9.40		10.00		12.67	13.0	
		175	6825	9.40		9.50		8.00		9.50		11.77	12.5	
		207	6985	10.80		11.00		10.60		11.00		13.61	14.0	



Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
6GHz 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 %
	6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	7.00	not required	7.00	not required	10.0
57			6235	6.50		6.50		9.5		
113			6515	7.00		7.00		10.0		
173			6815	8.00		8.00		11.0		
229		7095	10.50	10.50		13.5				
802.11ax-HE40 MCS0		3	5965	10.00		10.00		13.0		
		59	6245	9.50		9.50		12.5		
		107	6485	10.00		10.00		13.0		
		171	6805	9.50		9.50		12.5		
227		7085	11.00	11.00		14.0				
802.11ax-HE80 MCS0		7	5985	10.00		10.00		13.0		
		71	6305	10.00		10.00		13.0		
		119	6545	10.00		10.00		13.0		
		167	6785	9.50		9.50		12.5		
215		7025	11.00	11.00		14.0				
802.11ax-HE160 MCS0		15	6025	9.80		10.00		10.00		10.00
	47	6185	9.80	10.00	10.00	10.00	12.86	13.0		
	111	6505	10.00	10.00	9.40	10.00	12.67	13.0		
	175	6825	9.40	9.50	8.00	9.50	11.77	12.5		
	207	6985	10.80	11.00	10.60	11.00	13.61	14.0		



Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
6GHz 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 %
	6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	7.00	not required	7.00	not required	10.0
57			6235	6.50		6.50		9.5		
113			6515	7.00		7.00		10.0		
173			6815	8.00		8.00		11.0		
229		7095	10.50	10.50		13.5				
802.11ax-HE40 MCS0		3	5965	10.00		10.00		13.0		
		59	6245	9.50		9.50		12.5		
		107	6485	11.00		11.00		14.0		
		171	6805	11.00		11.00		14.0		
227		7085	12.50	12.50		15.5				
802.11ax-HE80 MCS0		7	5985	7.50		7.50		10.5		
		71	6305	7.50		7.50		10.5		
		119	6545	11.50		11.50		14.5		
		167	6785	11.00		11.00		14.0		
215		7025	12.50	12.50		15.5				
802.11ax-HE160 MCS0		15	6025	6.00		7.50		5.60		7.50
	47	6185	5.90	7.50	5.60	7.50	8.76	10.5		
	111	6505	11.50	11.50	10.80	11.50	14.17	14.5		
	175	6825	10.30	11.00	9.40	11.00	12.88	14.0		
	207	6985	12.40	12.50	12.50	12.50	15.46	15.5		



Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
6GHz 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 %
	6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	7.00	not required	7.00	not required	10.0
57			6235	6.50		6.50		9.5		
113			6515	7.00		7.00		10.0		
173			6815	8.00		8.00		11.0		
229			7095	10.50		10.50		13.5		
802.11ax-HE40 MCS0		3	5965	10.00		10.00		13.0		
		59	6245	9.50		9.50		12.5		
		107	6485	11.00		11.00		14.0		
		171	6805	11.00		11.00		14.0		
		227	7085	12.50		12.50		15.5		
802.11ax-HE80 MCS0		7	5985	7.50		7.50		10.5		
		71	6305	7.50		7.50		10.5		
		119	6545	11.50		11.50		14.5		
		167	6785	11.00		11.00		14.0		
		215	7025	12.50		12.50		15.5		
802.11ax-HE160 MCS0		15	6025	6.00		7.50		5.60		7.50
	47	6185	5.90	7.50	5.60	7.50	8.76	10.5		
	111	6505	11.50	11.50	10.80	11.50	14.17	14.5		
	175	6825	10.30	11.00	9.40	11.00	12.88	14.0		
	207	6985	12.40	12.50	12.50	12.50	15.46	15.5		



Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
6GHz 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 %
	6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	7.00	not required	7.00	not required	10.0
57			6235	6.50		6.50		9.5		
113			6515	7.00		7.00		10.0		
173			6815	8.00		8.00		11.0		
229		7095	10.50	10.50		13.5				
802.11ax-HE40 MCS0		3	5965	10.00		10.00		13.0		
		59	6245	9.50		9.50		12.5		
		107	6485	11.00		11.00		14.0		
		171	6805	11.00		11.00		14.0		
227		7085	12.50	12.50		15.5				
802.11ax-HE80 MCS0		7	5985	7.50		7.50		10.5		
		71	6305	7.50		7.50		10.5		
		119	6545	11.50		11.50		14.5		
		167	6785	11.00		11.00		14.0		
215		7025	12.50	12.50		15.5				
802.11ax-HE160 MCS0		15	6025	6.00		7.50		5.60		7.50
	47	6185	5.90	7.50	5.60	7.50	8.76	10.5		
	111	6505	11.50	11.50	10.80	11.50	14.17	14.5		
	175	6825	10.30	11.00	9.40	11.00	12.88	14.0		
	207	6985	12.40	12.50	12.50	12.50	15.46	15.5		



Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
6GHz 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 %
	6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	7.00	not required	7.00	not required	10.0
57			6235	6.50		6.50		9.5		
113			6515	7.00		7.00		10.0		
173			6815	8.00		8.00		11.0		
229			7095	10.50		10.50		13.5		
802.11ax-HE40 MCS0		3	5965	10.00		10.00		13.0		
		59	6245	9.50		9.50		12.5		
		107	6485	11.00		11.00		14.0		
		171	6805	11.00		11.00		14.0		
		227	7085	12.50		12.50		15.5		
802.11ax-HE80 MCS0		7	5985	7.50		7.50		10.5		
		71	6305	7.50		7.50		10.5		
		119	6545	11.50		11.50		14.5		
		167	6785	11.00		11.00		14.0		
		215	7025	12.50		12.50		15.5		
802.11ax-HE160 MCS0		15	6025	6.00		7.50		5.60		7.50
	47	6185	5.90	7.50	5.60	7.50	8.76	10.5		
	111	6505	11.50	11.50	10.80	11.50	14.17	14.5		
	175	6825	10.30	11.00	9.40	11.00	12.88	14.0		
	207	6985	12.40	12.50	12.50	12.50	15.46	15.5		



Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
6GHz 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 %
	6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	7.00	not required	7.00	not required	10.0
57			6235	6.50		6.50		9.5		
113			6515	7.00		7.00		10.0		
173			6815	8.00		8.00		11.0		
229		7095	10.50	10.50		13.5				
802.11ax-HE40 MCS0		3	5965	10.00		10.00		13.0		
		59	6245	9.50		9.50		12.5		
		107	6485	11.00		11.00		14.0		
		171	6805	11.00		11.00		14.0		
227		7085	12.50	12.50		15.5				
802.11ax-HE80 MCS0		7	5985	7.50		7.50		10.5		
		71	6305	7.50		7.50		10.5		
		119	6545	11.50		11.50		14.5		
		167	6785	11.00		11.00		14.0		
215		7025	12.50	12.50		15.5				
802.11ax-HE160 MCS0		15	6025	6.00		7.50		5.60		7.50
	47	6185	5.90	7.50	5.60	7.50	8.76	10.5		
	111	6505	11.50	11.50	10.80	11.50	14.17	14.5		
	175	6825	10.30	11.00	9.40	11.00	12.88	14.0		
	207	6985	12.40	12.50	12.50	12.50	15.46	15.5		



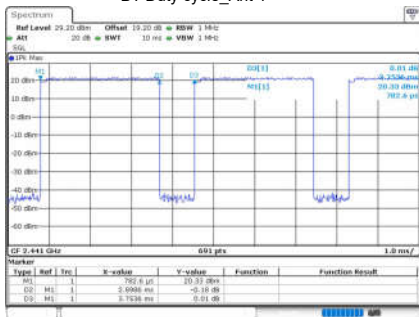
Mode	Channel	Frequency (MHz)	Ant 4		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.65	not required	not required
	CH 39	2441	10.95	not required	not required
	CH 78	2480	11.15	not required	not required
Tune-up Limit			12	12	12

Mode	Channel	Frequency (MHz)	Ant 3		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.13	not required	not required
	CH 39	2441	10.45	not required	not required
	CH 78	2480	10.05	not required	not required
Tune-up Limit			12	12	12

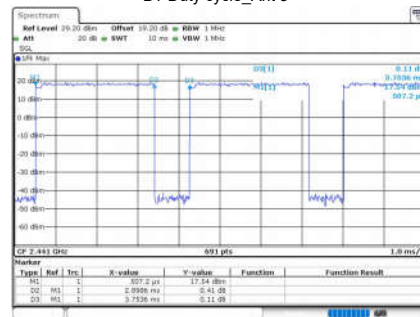
Mode	Channel	Frequency (MHz)	Ant 4	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440	not required	not required
	CH 39	2480	not required	not required
Tune-up Limit			12	12

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

BT Duty cycle_Ant 4

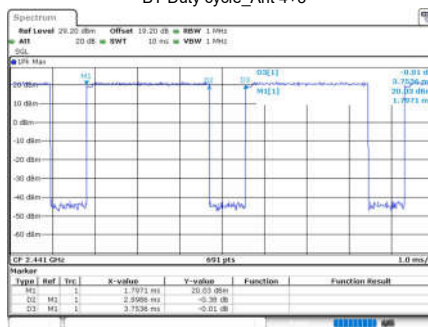


BT Duty cycle_Ant 3



Mode	Channel	Frequency (MHz)	Average power (dBm)								
			Ant 4			Ant 3			Ant 4+3		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.65			10.04			13.37		
	CH 39	2441	10.85	not required	not required	10.35	not required	not required	13.62	not required	not required
	CH 78	2480	10.95			10.05			13.53		
Tune-up Limit			12	12	12	12	12	12	15	15	15

BT Duty cycle_Ant 4+3





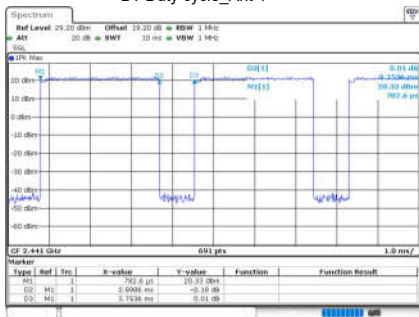
Mode	Channel	Frequency (MHz)	Ant 4		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	19.60	not required	not required
	CH 39	2441	19.51	not required	not required
	CH 78	2480	20.08	not required	not required
Tune-up Limit			21	18	18

Mode	Channel	Frequency (MHz)	Ant 3		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	20.01	not required	not required
	CH 39	2441	19.45	not required	not required
	CH 78	2480	19.73	not required	not required
Tune-up Limit			21	18	18

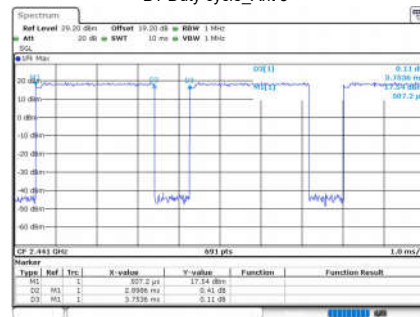
Mode	Channel	Frequency (MHz)	Ant 4	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440	not required	not required
	CH 39	2480	not required	not required
Tune-up Limit			19	19

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

BT Duty cycle_Ant 4

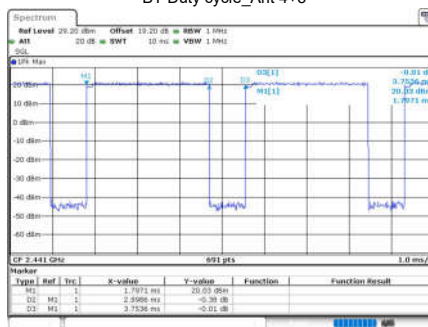


BT Duty cycle_Ant 3



Mode	Channel	Frequency (MHz)	Average power (dBm)								
			Ant 4			Ant 3			Ant 4+3		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	15.91	not required	not required	16.14	not required	not required	19.04	not required	not required
	CH 39	2441	15.97	not required	not required	16.10	not required	not required	19.04	not required	not required
	CH 78	2480	16.57	not required	not required	16.38	not required	not required	19.48	not required	not required
Tune-up Limit			17.5	15	15	17.5	15	15	20.5	18	18

BT Duty cycle_Ant 4+3



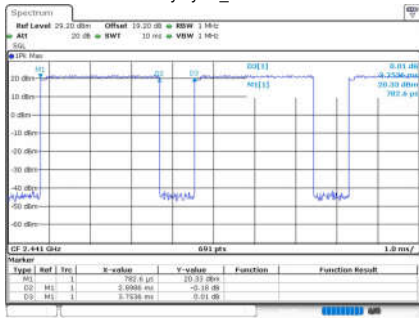
Mode	Channel	Frequency (MHz)	Ant 4		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.25	not required	not required
	CH 39	2441	14.15	not required	not required
	CH 78	2480	14.65	not required	not required
Tune-up Limit			15	15	15

Mode	Channel	Frequency (MHz)	Ant 3		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.55	not required	not required
	CH 39	2441	14.45	not required	not required
	CH 78	2480	14.65	not required	not required
Tune-up Limit			15	15	15

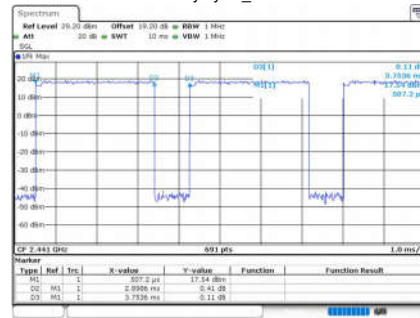
Mode	Channel	Frequency (MHz)	Ant 4	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440	not required	not required
	CH 39	2480	not required	not required
Tune-up Limit			15	15

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

BT Duty cycle_Ant 4

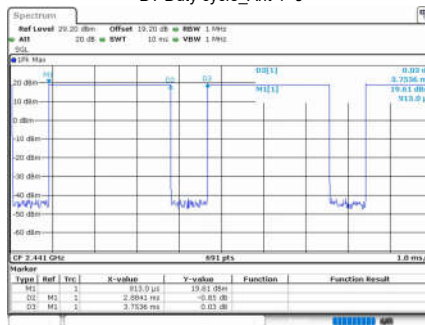


BT Duty cycle_Ant 3



Mode	Channel	Frequency (MHz)	Average power (dBm)								
			Ant 4			Ant 3			Ant 4+3		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.65	not required	not required	10.04	not required	not required	13.37	not required	not required
	CH 39	2441	10.85	not required	not required	10.35	not required	not required	13.62	not required	not required
	CH 78	2480	10.95	not required	not required	10.05	not required	not required	13.53	not required	not required
Tune-up Limit			12	12	12	12	12	12	15	15	15

BT Duty cycle_Ant 4+3





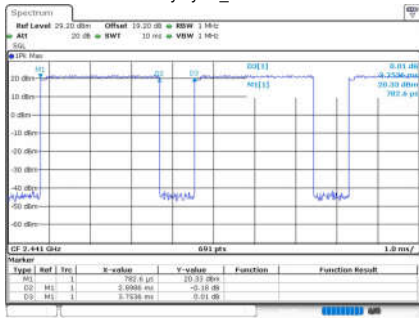
Mode	Channel	Frequency (MHz)	Ant 4		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	19.60	17.09	15.89
	CH 39	2441	19.51	17.13	16.07
	CH 78	2480	20.08	17.34	16.66
Tune-up Limit			21	18	18

Mode	Channel	Frequency (MHz)	Ant 3		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	20.01	18.27	17.08
	CH 39	2441	19.45	17.81	16.66
	CH 78	2480	19.73	18.22	16.98
Tune-up Limit			21	18	18

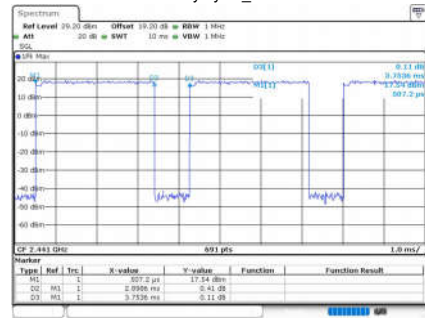
Mode	Channel	Frequency (MHz)	Ant 4	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	18.78	18.78
	CH 19	2440	18.99	18.82
	CH 39	2480	18.80	18.84
Tune-up Limit			19	19

Mode	Channel	Frequency (MHz)	Ant 3	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	18.71	18.64
	CH 19	2440	18.81	18.68
	CH 39	2480	18.71	18.64
Tune-up Limit			19	19

BT Duty cycle_Ant 4



BT Duty cycle_Ant 3



Mode	Channel	Frequency (MHz)	Average power (dBm)								
			Ant 4			Ant 3			Ant 4+3		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	15.91	14.61	13.55	16.14	14.78	13.98	19.04	17.71	16.78
	CH 39	2441	15.97	14.91	13.81	16.10	14.59	13.56	19.04	17.77	16.70
	CH 78	2480	16.57	14.43	14.45	16.38	14.03	14.10	19.48	17.25	17.29
Tune-up Limit			17.5	15	15	17.5	15	15	20.5	18	18

BT Duty cycle_Ant 4+3

