

Appendix A: Test Data

1X1

Duty cycle						
Mode	Frequency (MHz)	On time (ms)	On+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11b	2412	0.699	0.732	95.492	0.200	1.431
802.11g	2412	1.990	1.995	99.749	0.011	0.010
802.11n HT20	2412	5.480	5.540	98.917	0.047	0.010
802.11n HT40	2422	5.460	5.500	99.273	0.032	0.010
802.11ax HE20	2412	5.480	5.600	97.857	0.094	0.182
802.11ax HE40	2422	5.480	5.560	98.561	0.063	0.010
802.11be EHT20	2412	5.500	5.600	98.214	0.078	0.010
802.11be EHT40	2422	5.480	5.640	97.163	0.125	0.182

2.4 GHz Band							Test SW Version
Mode	Channel	Freq. (MHz)	RF power setting in Test SW				
			Ant-0	Ant-1	Ant-2	Ant-3	
802.11b	1	2412	22.00	-	-	-	QSPR 6.00.00146.1
802.11b	6	2437	24.00	-	-	-	
802.11b	11	2462	23.00	-	-	-	
802.11g	1	2412	19.00	-	-	-	
802.11g	6	2437	21.00	-	-	-	
802.11g	11	2462	18.00	-	-	-	
802.11n HT20	1	2412	18.00	-	-	-	
802.11n HT20	6	2437	20.00	-	-	-	
802.11n HT20	10	2457	19.00	-	-	-	
802.11n HT20	11	2462	16.00	-	-	-	
802.11n HT40	3	2422	17.00	-	-	-	
802.11n HT40	6	2437	18.00	-	-	-	
802.11n HT40	9	2452	16.00	-	-	-	
802.11ax HE20	1	2412	18.00	-	-	-	
802.11ax HE20	6	2437	20.00	-	-	-	
802.11ax HE20	10	2457	19.00	-	-	-	
802.11ax HE20	11	2462	16.00	-	-	-	
802.11ax HE40	3	2422	17.00	-	-	-	
802.11ax HE40	6	2437	18.00	-	-	-	
802.11ax HE40	9	2452	16.00	-	-	-	
802.11be EHT20	1	2412	18.00	-	-	-	
802.11be EHT20	6	2437	20.00	-	-	-	
802.11be EHT20	10	2457	19.00	-	-	-	
802.11be EHT20	11	2462	16.00	-	-	-	
802.11be EHT40	3	2422	17.00	-	-	-	
802.11be EHT40	6	2437	18.00	-	-	-	
802.11be EHT40	9	2452	16.00	-	-	-	

2.4 GHz Band																		
Mode	CH	Freq. (MHz)	Data Rate	Avg Conducted Power (dBm)					Peak Conducted Power (dBm)					Conducted Power Limit (dBm)				
				Ant-0	Ant-1	Ant-2	Ant-3	SUM	Ant-0	Ant-1	Ant-2	Ant-3	SUM	Ant-0	Ant-1	Ant-2	Ant-3	SUM
802.11b	1	2412	1M	22.53	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11b	6	2437	1M	24.80	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11b	11	2462	1M	23.79	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11g	1	2412	6M	19.46	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11g	6	2437	6M	21.43	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11g	11	2462	6M	18.85	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11n HT20	1	2412	6.5M	18.52	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11n HT20	6	2437	6.5M	20.53	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11n HT20	10	2457	6.5M	19.50	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11n HT20	11	2462	6.5M	16.85	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11n HT40	3	2422	13.5M	17.71	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11n HT40	6	2437	13.5M	18.70	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11n HT40	9	2452	13.5M	16.85	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11ax HE20	1	2412	MCS0	18.44	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11ax HE20	6	2437	MCS0	20.51	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11ax HE20	10	2457	MCS0	19.48	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11ax HE20	11	2462	MCS0	16.77	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11ax HE40	3	2422	MCS0	17.74	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11ax HE40	6	2437	MCS0	18.72	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11ax HE40	9	2452	MCS0	16.73	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11be EHT20	1	2412	MCS0	18.60	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11be EHT20	6	2437	MCS0	20.67	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11be EHT20	10	2457	MCS0	19.61	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11be EHT20	11	2462	MCS0	16.96	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11be EHT40	3	2422	MCS0	17.85	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11be EHT40	6	2437	MCS0	18.77	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-
802.11be EHT40	9	2452	MCS0	16.93	-	-	-	-	-	-	-	-	-	30.00	-	-	-	-

6 dB Bandwidth						
Mode	Freq. (MHz)	6 dB Bandwidth (kHz)				6 dB Bandwidth Min.Limit (kHz)
		Ant-0	Ant-1	Ant-2	Ant-3	
802.11b	2412	7603	-	-	-	≥ 500
802.11b	2437	7159	-	-	-	≥ 500
802.11b	2462	7617	-	-	-	≥ 500
802.11g	2412	16390	-	-	-	≥ 500
802.11g	2437	16390	-	-	-	≥ 500
802.11g	2462	16370	-	-	-	≥ 500
802.11n HT20	2412	17630	-	-	-	≥ 500
802.11n HT20	2437	17630	-	-	-	≥ 500
802.11n HT20	2457	17620	-	-	-	≥ 500
802.11n HT20	2462	17620	-	-	-	≥ 500
802.11n HT40	2422	36390	-	-	-	≥ 500
802.11n HT40	2437	36400	-	-	-	≥ 500
802.11n HT40	2452	36010	-	-	-	≥ 500
802.11be EHT20	2412	19070	-	-	-	≥ 500
802.11be EHT20	2437	19060	-	-	-	≥ 500
802.11be EHT20	2457	19070	-	-	-	≥ 500
802.11be EHT20	2462	19070	-	-	-	≥ 500
802.11be EHT40	2422	38220	-	-	-	≥ 500
802.11be EHT40	2437	38200	-	-	-	≥ 500
802.11be EHT40	2452	38200	-	-	-	≥ 500

99 % Occupied BW					
Mode	Freq. (MHz)	99 % Occupied BW (MHz)			
		Ant-0	Ant-1	Ant-2	Ant-3
802.11b	2412	13.132	-	-	-
802.11b	2437	13.175	-	-	-
802.11b	2462	13.167	-	-	-
802.11g	2412	16.989	-	-	-
802.11g	2437	16.977	-	-	-
802.11g	2462	16.998	-	-	-
802.11n HT20	2412	18.068	-	-	-
802.11n HT20	2437	18.069	-	-	-
802.11n HT20	2457	18.074	-	-	-
802.11n HT20	2462	18.075	-	-	-
802.11n HT40	2422	37.479	-	-	-
802.11n HT40	2437	37.531	-	-	-
802.11n HT40	2452	37.499	-	-	-
802.11be EHT20	2412	19.116	-	-	-
802.11be EHT20	2437	19.139	-	-	-
802.11be EHT20	2457	19.154	-	-	-
802.11be EHT20	2462	19.126	-	-	-
802.11be EHT40	2422	38.424	-	-	-
802.11be EHT40	2437	38.421	-	-	-
802.11be EHT40	2452	38.395	-	-	-

Maximum Power Spectral Density Measurement											
Mode	Freq. (MHz)	Measurement (dBm/3 kHz)					Max.Limit (dBm/ 3 kHz)				
		Ant-0	Ant-1	Ant-2	Ant-3	SUM	Ant-0	Ant-1	Ant-2	Ant-3	SUM
802.11b	2412	-0.94	-	-	-	-	8.00	-	-	-	-
802.11b	2437	1.45	-	-	-	-	8.00	-	-	-	-
802.11b	2462	0.53	-	-	-	-	8.00	-	-	-	-
802.11g	2412	-7.68	-	-	-	-	8.00	-	-	-	-
802.11g	2437	-5.58	-	-	-	-	8.00	-	-	-	-
802.11g	2462	-7.95	-	-	-	-	8.00	-	-	-	-
802.11n HT20	2412	-7.77	-	-	-	-	8.00	-	-	-	-
802.11n HT20	2437	-6.39	-	-	-	-	8.00	-	-	-	-
802.11n HT20	2457	-6.59	-	-	-	-	8.00	-	-	-	-
802.11n HT20	2462	-9.30	-	-	-	-	8.00	-	-	-	-
802.11n HT40	2422	-11.35	-	-	-	-	8.00	-	-	-	-
802.11n HT40	2437	-10.48	-	-	-	-	8.00	-	-	-	-
802.11n HT40	2452	-11.85	-	-	-	-	8.00	-	-	-	-
802.11be EHT20	2412	-6.98	-	-	-	-	8.00	-	-	-	-
802.11be EHT20	2437	-4.96	-	-	-	-	8.00	-	-	-	-
802.11be EHT20	2457	-5.69	-	-	-	-	8.00	-	-	-	-
802.11be EHT20	2462	-8.31	-	-	-	-	8.00	-	-	-	-
802.11be EHT40	2422	-10.87	-	-	-	-	8.00	-	-	-	-
802.11be EHT40	2437	-9.72	-	-	-	-	8.00	-	-	-	-
802.11be EHT40	2452	-10.92	-	-	-	-	8.00	-	-	-	-

2X2

Duty cycle						
Mode	Frequency (MHz)	On time (ms)	On+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimun VBW (kHz)
802.11b	2412	0.699	0.855	81.754	0.875	1.431
802.11g	2412	1.990	1.995	99.749	0.011	0.010
802.11n HT20	2412	5.480	5.540	98.917	0.047	0.010
802.11n HT40	2422	5.460	5.500	99.273	0.032	0.010
802.11ax HE20	2412	5.480	5.560	98.561	0.063	0.010
802.11ax HE40	2422	5.500	5.540	99.278	0.031	0.010
802.11be EHT20	2412	5.500	5.580	98.566	0.063	0.010
802.11be EHT40	2422	5.500	5.580	98.566	0.063	0.010

2.4 GHz Band							
Mode	Channel	Freq. (MHz)	RF power setting in Test SW				Test SW Version
			Ant-0	Ant-1	Ant-2	Ant-3	
802.11b	1	2412	22.00	22.00	-	-	QSPR 6.00.00146.1
802.11b	6	2437	24.00	24.00	-	-	
802.11b	11	2462	24.00	24.00	-	-	
802.11g	1	2412	18.00	18.00	-	-	
802.11g	6	2437	21.00	21.00	-	-	
802.11g	11	2462	18.00	18.00	-	-	
802.11n HT20	1	2412	17.00	17.00	-	-	
802.11n HT20	2	2417	19.00	19.00	-	-	
802.11n HT20	6	2437	21.00	21.00	-	-	
802.11n HT20	10	2457	19.00	19.00	-	-	
802.11n HT20	11	2462	17.00	17.00	-	-	
802.11n HT40	3	2422	16.00	16.00	-	-	
802.11n HT40	4	2427	17.00	17.00	-	-	
802.11n HT40	6	2437	19.00	19.00	-	-	
802.11n HT40	8	2447	17.00	17.00	-	-	
802.11n HT40	9	2452	16.00	16.00	-	-	
802.11ax HE20	1	2412	17.00	17.00	-	-	
802.11ax HE20	2	2417	19.00	19.00	-	-	
802.11ax HE20	6	2437	21.00	21.00	-	-	
802.11ax HE20	10	2457	19.00	19.00	-	-	
802.11ax HE20	11	2462	17.00	17.00	-	-	
802.11ax HE40	3	2422	16.00	16.00	-	-	
802.11ax HE40	4	2427	17.00	17.00	-	-	
802.11ax HE40	6	2437	19.00	19.00	-	-	
802.11ax HE40	8	2447	17.00	17.00	-	-	
802.11ax HE40	9	2452	16.00	16.00	-	-	
802.11be EHT20	1	2412	17.00	17.00	-	-	
802.11be EHT20	2	2417	19.00	19.00	-	-	
802.11be EHT20	6	2437	21.00	21.00	-	-	
802.11be EHT20	10	2457	19.00	19.00	-	-	
802.11be EHT20	11	2462	17.00	17.00	-	-	
802.11be EHT40	3	2422	16.00	16.00	-	-	
802.11be EHT40	4	2427	17.00	17.00	-	-	
802.11be EHT40	6	2437	19.00	19.00	-	-	
802.11be EHT40	8	2447	17.00	17.00	-	-	
802.11be EHT40	9	2452	16.00	16.00	-	-	

2.4 GHz Band																		
Mode	CH	Freq. (MHz)	Data Rate	Avg Conducted Power (dBm)					Peak Conducted Power (dBm)					Conducted Power Limit (dBm)				
				Ant-0	Ant-1	Ant-2	Ant-3	SUM	Ant-0	Ant-1	Ant-2	Ant-3	SUM	Ant-0	Ant-1	Ant-2	Ant-3	SUM
802.11b	1	2412	1M	22.47	22.29	-	-	25.39	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11b	6	2437	1M	24.73	24.35	-	-	27.55	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11b	11	2462	1M	24.66	24.26	-	-	27.47	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11g	1	2412	6M	18.43	18.23	-	-	21.34	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11g	6	2437	6M	21.47	21.11	-	-	24.30	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11g	11	2462	6M	18.62	18.22	-	-	21.43	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11n HT20	1	2412	13M	17.35	17.43	-	-	20.40	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11n HT20	2	2417	13M	19.33	19.26	-	-	22.31	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11n HT20	6	2437	13M	21.09	21.20	-	-	24.16	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11n HT20	10	2457	13M	19.56	19.28	-	-	22.43	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11n HT20	11	2462	13M	17.82	17.13	-	-	20.50	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11n HT40	3	2422	27M	16.73	16.67	-	-	19.71	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11n HT40	4	2427	27M	17.59	17.52	-	-	20.57	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11n HT40	6	2437	27M	19.81	19.65	-	-	22.74	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11n HT40	8	2447	27M	17.52	17.46	-	-	20.50	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11n HT40	9	2452	27M	16.87	16.51	-	-	19.70	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11ax HE20	1	2412	MCS0	17.37	17.17	-	-	20.28	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11ax HE20	2	2417	MCS0	19.12	19.42	-	-	22.28	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11ax HE20	6	2437	MCS0	21.36	21.16	-	-	24.27	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11ax HE20	10	2457	MCS0	19.08	19.22	-	-	22.16	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11ax HE20	11	2462	MCS0	17.39	17.36	-	-	20.39	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11ax HE40	3	2422	MCS0	16.39	16.66	-	-	19.54	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11ax HE40	4	2427	MCS0	17.41	17.37	-	-	20.40	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11ax HE40	6	2437	MCS0	19.42	19.38	-	-	22.41	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11ax HE40	8	2447	MCS0	17.38	17.49	-	-	20.45	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11ax HE40	9	2452	MCS0	16.42	16.42	-	-	19.43	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11be EHT20	1	2412	MCS0	17.43	17.26	-	-	20.36	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11be EHT20	2	2417	MCS0	19.23	19.51	-	-	22.38	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11be EHT20	6	2437	MCS0	21.43	21.23	-	-	24.34	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11be EHT20	10	2457	MCS0	19.20	19.34	-	-	22.28	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11be EHT20	11	2462	MCS0	17.47	17.43	-	-	20.46	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11be EHT40	3	2422	MCS0	16.51	16.73	-	-	19.63	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11be EHT40	4	2427	MCS0	17.50	17.46	-	-	20.49	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11be EHT40	6	2437	MCS0	19.55	19.50	-	-	22.54	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11be EHT40	8	2447	MCS0	17.49	17.60	-	-	20.56	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11be EHT40	9	2452	MCS0	16.52	16.58	-	-	19.56	-	-	-	-	-	30.00	30.00	-	-	30.00

6 dB Bandwidth						
Mode	Freq. (MHz)	6 dB Bandwidth (kHz)				6 dB Bandwidth Min.Limit (kHz)
		Ant-0	Ant-1	Ant-2	Ant-3	
802.11b	2412	7162	7142	-	-	≥ 500
802.11b	2437	7642	7640	-	-	≥ 500
802.11b	2462	7083	8127	-	-	≥ 500
802.11g	2412	16150	15790	-	-	≥ 500
802.11g	2437	16060	15990	-	-	≥ 500
802.11g	2462	16390	16380	-	-	≥ 500
802.11n HT20	2412	17600	17570	-	-	≥ 500
802.11n HT20	2417	17240	17590	-	-	≥ 500
802.11n HT20	2437	17580	17310	-	-	≥ 500
802.11n HT20	2457	17220	16430	-	-	≥ 500
802.11n HT20	2462	17230	17550	-	-	≥ 500
802.11n HT40	2422	36170	35970	-	-	≥ 500
802.11n HT40	2427	36400	35970	-	-	≥ 500
802.11n HT40	2437	36370	36360	-	-	≥ 500
802.11n HT40	2447	36380	36340	-	-	≥ 500
802.11n HT40	2452	35820	36370	-	-	≥ 500
802.11be EHT20	2412	19050	19050	-	-	≥ 500
802.11be EHT20	2417	19020	18890	-	-	≥ 500
802.11be EHT20	2437	18800	18890	-	-	≥ 500
802.11be EHT20	2457	19080	19070	-	-	≥ 500
802.11be EHT20	2462	19070	19080	-	-	≥ 500
802.11be EHT40	2422	38180	38260	-	-	≥ 500
802.11be EHT40	2427	38210	38130	-	-	≥ 500
802.11be EHT40	2437	37710	38240	-	-	≥ 500
802.11be EHT40	2447	38210	38130	-	-	≥ 500
802.11be EHT40	2452	37880	38150	-	-	≥ 500

99 % Occupied BW					
Mode	Freq. (MHz)	99 % Occupied BW (MHz)			
		Ant-0	Ant-1	Ant-2	Ant-3
802.11b	2412	13.127	13.228	-	-
802.11b	2437	13.155	13.092	-	-
802.11b	2462	13.297	12.956	-	-
802.11g	2412	16.976	16.929	-	-
802.11g	2437	16.998	16.915	-	-
802.11g	2462	16.995	16.927	-	-
802.11n HT20	2412	18.082	17.914	-	-
802.11n HT20	2417	18.072	18.041	-	-
802.11n HT20	2437	18.128	17.952	-	-
802.11n HT20	2457	17.958	17.826	-	-
802.11n HT20	2462	17.994	17.881	-	-
802.11n HT40	2422	37.559	37.282	-	-
802.11n HT40	2427	37.523	37.324	-	-
802.11n HT40	2437	37.547	37.222	-	-
802.11n HT40	2447	37.503	37.163	-	-
802.11n HT40	2452	37.452	37.184	-	-
802.11be EHT20	2412	19.150	19.232	-	-
802.11be EHT20	2417	19.129	19.097	-	-
802.11be EHT20	2437	19.071	19.138	-	-
802.11be EHT20	2457	19.231	19.249	-	-
802.11be EHT20	2462	19.243	19.251	-	-
802.11be EHT40	2422	38.483	38.518	-	-
802.11be EHT40	2427	38.462	38.451	-	-
802.11be EHT40	2437	38.382	38.485	-	-
802.11be EHT40	2447	38.529	38.523	-	-
802.11be EHT40	2452	38.382	38.557	-	-

Maximum Power Spectral Density Measurement											
Mode	Freq. (MHz)	Measurement (dBm/3 kHz)					Max.Limit (dBm/ 3 kHz)				
		Ant-0	Ant-1	Ant-2	Ant-3	SUM	Ant-0	Ant-1	Ant-2	Ant-3	SUM
802.11b	2412	-0.82	-0.80	-	-	2.20	8.00	8.00	-	-	8.00
802.11b	2437	1.76	0.01	-	-	3.98	8.00	8.00	-	-	8.00
802.11b	2462	1.88	-0.31	-	-	3.93	8.00	8.00	-	-	8.00
802.11g	2412	-7.44	-6.48	-	-	-3.92	8.00	8.00	-	-	8.00
802.11g	2437	-4.94	-4.83	-	-	-1.87	8.00	8.00	-	-	8.00
802.11g	2462	-8.17	-7.74	-	-	-4.94	8.00	8.00	-	-	8.00
802.11n HT20	2412	-9.03	-8.51	-	-	-5.75	8.00	8.00	-	-	8.00
802.11n HT20	2417	-7.14	-6.39	-	-	-3.74	8.00	8.00	-	-	8.00
802.11n HT20	2437	-4.48	-4.50	-	-	-1.48	8.00	8.00	-	-	8.00
802.11n HT20	2457	-6.90	-6.33	-	-	-3.60	8.00	8.00	-	-	8.00
802.11n HT20	2462	-7.38	-7.66	-	-	-4.51	8.00	8.00	-	-	8.00
802.11n HT40	2422	-11.95	-11.45	-	-	-8.68	8.00	8.00	-	-	8.00
802.11n HT40	2427	-10.91	-10.55	-	-	-7.72	8.00	8.00	-	-	8.00
802.11n HT40	2437	-9.09	-9.15	-	-	-6.11	8.00	8.00	-	-	8.00
802.11n HT40	2447	-9.94	-11.53	-	-	-7.65	8.00	8.00	-	-	8.00
802.11n HT40	2452	-11.97	-11.68	-	-	-8.81	8.00	8.00	-	-	8.00
802.11be EHT20	2412	-8.19	-7.79	-	-	-4.98	8.00	8.00	-	-	8.00
802.11be EHT20	2417	-5.36	-5.92	-	-	-2.62	8.00	8.00	-	-	8.00
802.11be EHT20	2437	-3.71	-3.58	-	-	-0.63	8.00	8.00	-	-	8.00
802.11be EHT20	2457	-6.29	-4.93	-	-	-2.55	8.00	8.00	-	-	8.00
802.11be EHT20	2462	-7.72	-7.78	-	-	-4.74	8.00	8.00	-	-	8.00
802.11be EHT40	2422	-11.87	-11.58	-	-	-8.71	8.00	8.00	-	-	8.00
802.11be EHT40	2427	-10.76	-10.22	-	-	-7.47	8.00	8.00	-	-	8.00
802.11be EHT40	2437	-8.28	-7.51	-	-	-4.87	8.00	8.00	-	-	8.00
802.11be EHT40	2447	-10.49	-10.36	-	-	-7.41	8.00	8.00	-	-	8.00
802.11be EHT40	2452	-11.27	-11.13	-	-	-8.19	8.00	8.00	-	-	8.00

Beamforming on

Duty cycle						
Mode	Frequency (MHz)	On time (ms)	On+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11ax HE20	2412	1.770	1.860	95.161	0.215	0.565
802.11ax HE40	2422	1.765	1.855	95.148	0.216	0.567
802.11be EHT20	2412	1.510	1.600	94.375	0.251	0.662
802.11be EHT40	2422	1.860	1.950	95.385	0.205	0.538

2.4 GHz Band							
Mode	Channel	Freq. (MHz)	RF power setting in Test SW				Test SW Version
			Ant-0	Ant-1	Ant-2	Ant-3	
802.11ax HE20	1	2412	17.00	17.00	-	-	Putty
802.11ax HE20	2	2417	21.00	21.00	-	-	
802.11ax HE20	6	2437	24.00	24.00	-	-	
802.11ax HE20	10	2457	22.00	22.00	-	-	
802.11ax HE20	11	2462	20.00	20.00	-	-	
802.11ax HE40	3	2422	17.00	17.00	-	-	
802.11ax HE40	6	2437	18.00	18.00	-	-	
802.11ax HE40	9	2452	18.00	18.00	-	-	
802.11be EHT20	1	2412	17.00	17.00	-	-	
802.11be EHT20	2	2417	21.00	21.00	-	-	
802.11be EHT20	6	2437	24.00	24.00	-	-	
802.11be EHT20	10	2457	22.00	22.00	-	-	
802.11be EHT20	11	2462	20.00	20.00	-	-	
802.11be EHT40	3	2422	17.00	17.00	-	-	
802.11be EHT40	6	2437	18.00	18.00	-	-	
802.11be EHT40	9	2452	18.00	18.00	-	-	

2.4 GHz Band																		
Mode	CH	Freq. (MHz)	Data Rate	Avg Conducted Power (dBm)					Peak Conducted Power (dBm)					Conducted Power Limit (dBm)				
				Ant-0	Ant-1	Ant-2	Ant-3	SUM	Ant-0	Ant-1	Ant-2	Ant-3	SUM	Ant-0	Ant-1	Ant-2	Ant-3	SUM
802.11ax HE20	1	2412	MCS0	14.71	14.59	-	-	17.66	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11ax HE20	2	2417	MCS0	18.51	18.42	-	-	21.48	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11ax HE20	6	2437	MCS0	21.38	21.22	-	-	24.31	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11ax HE20	10	2457	MCS0	19.41	19.57	-	-	22.50	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11ax HE20	11	2462	MCS0	17.80	17.41	-	-	20.62	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11ax HE40	3	2422	MCS0	14.78	14.68	-	-	17.74	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11ax HE40	6	2437	MCS0	15.42	15.36	-	-	18.40	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11ax HE40	9	2452	MCS0	15.88	15.53	-	-	18.72	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11be EHT20	1	2412	MCS0	14.83	14.72	-	-	17.79	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11be EHT20	2	2417	MCS0	18.62	18.51	-	-	21.58	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11be EHT20	6	2437	MCS0	21.48	21.37	-	-	24.44	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11be EHT20	10	2457	MCS0	19.53	19.68	-	-	22.62	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11be EHT20	11	2462	MCS0	17.87	17.52	-	-	20.71	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11be EHT40	3	2422	MCS0	14.88	14.76	-	-	17.83	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11be EHT40	6	2437	MCS0	15.53	15.45	-	-	18.50	-	-	-	-	-	30.00	30.00	-	-	30.00
802.11be EHT40	9	2452	MCS0	16.01	15.62	-	-	18.83	-	-	-	-	-	30.00	30.00	-	-	30.00

6 dB Bandwidth						
Mode	Freq. (MHz)	6 dB Bandwidth (kHz)				6 dB Bandwidth Min.Limit (kHz)
		Ant-0	Ant-1	Ant-2	Ant-3	
802.11be EHT20	2412	16150	16400	-	-	≥ 500
802.11be EHT20	2417	17650	17660	-	-	≥ 500
802.11be EHT20	2437	16070	15160	-	-	≥ 500
802.11be EHT20	2457	15380	15120	-	-	≥ 500
802.11be EHT20	2462	18670	17020	-	-	≥ 500
802.11be EHT40	2422	31340	30010	-	-	≥ 500
802.11be EHT40	2437	30120	31390	-	-	≥ 500
802.11be EHT40	2452	31320	31360	-	-	≥ 500

99 % Occupied BW					
Mode	Freq. (MHz)	99 % Occupied BW (MHz)			
		Ant-0	Ant-1	Ant-2	Ant-3
802.11be EHT20	2412	19.159	19.162	-	-
802.11be EHT20	2417	19.166	19.146	-	-
802.11be EHT20	2437	19.179	19.169	-	-
802.11be EHT20	2457	19.174	19.151	-	-
802.11be EHT20	2462	19.186	19.114	-	-
802.11be EHT40	2422	38.507	38.387	-	-
802.11be EHT40	2437	38.517	38.392	-	-
802.11be EHT40	2452	38.494	38.362	-	-

Maximum Power Spectral Density Measurement											
Mode	Freq. (MHz)	Measurement (dBm/3 kHz)					Max.Limit (dBm/ 3 kHz)				
		Ant-0	Ant-1	Ant-2	Ant-3	SUM	Ant-0	Ant-1	Ant-2	Ant-3	SUM
802.11be EHT20	2412	-8.76	-8.86	-	-	-5.80	8.00	8.00	-	-	8.00
802.11be EHT20	2417	-4.34	-5.34	-	-	-1.80	8.00	8.00	-	-	8.00
802.11be EHT20	2437	-3.02	-2.26	-	-	0.39	8.00	8.00	-	-	8.00
802.11be EHT20	2457	-2.49	-3.20	-	-	0.18	8.00	8.00	-	-	8.00
802.11be EHT20	2462	-7.18	-6.11	-	-	-3.60	8.00	8.00	-	-	8.00
802.11be EHT40	2422	-8.62	-9.02	-	-	-5.81	8.00	8.00	-	-	8.00
802.11be EHT40	2437	-8.23	-8.47	-	-	-5.34	8.00	8.00	-	-	8.00
802.11be EHT40	2452	-6.34	-8.22	-	-	-4.17	8.00	8.00	-	-	8.00