

Appendix A. Test Data

Duty cycle						
Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11a	5180	0.843	0.891	94.613	0.241	1.186
802.11n HT20	5180	0.855	0.906	94.371	0.252	1.170
802.11n HT40	5190	0.819	0.873	93.814	0.277	1.221
802.11ac VHT20	5180	0.261	0.311	83.746	0.770	3.836
802.11ac VHT40	5190	0.259	0.312	83.013	0.809	3.861
802.11ac VHT80	5210	0.261	0.313	83.344	0.791	3.836
802.11ac VHT160	5250	0.090	0.145	62.069	2.071	11.111
802.11ax HE20	5180	0.795	0.846	93.972	0.270	1.258
802.11ax HE40	5190	0.795	0.846	93.972	0.270	1.258
802.11ax HE80	5210	0.792	0.843	93.950	0.271	1.263
802.11ax HE160	5250	0.795	0.846	93.972	0.270	1.258

5 GHz Band Config			
Mode	Channel	Freq. (MHz)	Data Rate
802.11a	36	5180	6M
802.11a	40	5200	6M
802.11a	48	5240	6M
802.11a	52	5260	6M
802.11a	56	5280	6M
802.11a	64	5320	6M
802.11a	100	5500	6M
802.11a	112	5560	6M
802.11a	140	5700	6M
802.11a	144	5720	6M
802.11a	149	5745	6M
802.11a	157	5785	6M
802.11a	165	5825	6M
802.11n HT20	36	5180	26M
802.11n HT20	40	5200	26M
802.11n HT20	48	5240	26M
802.11n HT20	52	5260	26M
802.11n HT20	56	5280	26M
802.11n HT20	64	5320	26M
802.11n HT20	100	5500	26M
802.11n HT20	112	5560	26M
802.11n HT20	140	5700	26M
802.11n HT20	144	5720	26M
802.11n HT20	149	5745	26M
802.11n HT20	157	5785	26M
802.11n HT20	165	5825	26M
802.11n HT40	38	5190	54M
802.11n HT40	46	5230	54M
802.11n HT40	54	5270	54M
802.11n HT40	62	5310	54M
802.11n HT40	102	5510	54M
802.11n HT40	110	5550	54M
802.11n HT40	134	5670	54M
802.11n HT40	142	5710	54M
802.11n HT40	151	5755	54M
802.11n HT40	159	5795	54M

5 GHz Band Config			
Mode	Channel	Freq. (MHz)	Data Rate
802.11ac VHT20	36	5180	MCS 0
802.11ac VHT20	40	5200	MCS 0
802.11ac VHT20	48	5240	MCS 0
802.11ac VHT20	52	5260	MCS 0
802.11ac VHT20	56	5280	MCS 0
802.11ac VHT20	64	5320	MCS 0
802.11ac VHT20	100	5500	MCS 0
802.11ac VHT20	112	5560	MCS 0
802.11ac VHT20	140	5700	MCS 0
802.11ac VHT20	144	5720	MCS 0
802.11ac VHT20	149	5745	MCS 0
802.11ac VHT20	157	5785	MCS 0
802.11ac VHT20	165	5825	MCS 0
802.11ac VHT40	38	5190	MCS 0
802.11ac VHT40	46	5230	MCS 0
802.11ac VHT40	54	5270	MCS 0
802.11ac VHT40	62	5310	MCS 0
802.11ac VHT40	102	5510	MCS 0
802.11ac VHT40	110	5550	MCS 0
802.11ac VHT40	134	5670	MCS 0
802.11ac VHT40	142	5710	MCS 0
802.11ac VHT40	151	5755	MCS 0
802.11ac VHT40	159	5795	MCS 0
802.11ac VHT80	42	5210	MCS 0
802.11ac VHT80	58	5290	MCS 0
802.11ac VHT80	106	5530	MCS 0
802.11ac VHT80	122	5610	MCS 0
802.11ac VHT80	138	5690	MCS 0
802.11ac VHT80	155	5775	MCS 0
802.11ac VHT160	50	5250	MCS 0
802.11ac VHT160	114	5570	MCS 0

5 GHz Band Config			
Mode	Channel	Freq. (MHz)	Data Rate
802.11ax HE20	36	5180	MCS 0
802.11ax HE20	40	5200	MCS 0
802.11ax HE20	48	5240	MCS 0
802.11ax HE20	52	5260	MCS 0
802.11ax HE20	56	5280	MCS 0
802.11ax HE20	64	5320	MCS 0
802.11ax HE20	100	5500	MCS 0
802.11ax HE20	112	5560	MCS 0
802.11ax HE20	140	5700	MCS 0
802.11ax HE20	144	5720	MCS 0
802.11ax HE20	149	5745	MCS 0
802.11ax HE20	157	5785	MCS 0
802.11ax HE20	165	5825	MCS 0
802.11ax HE40	38	5190	MCS 0
802.11ax HE40	46	5230	MCS 0
802.11ax HE40	54	5270	MCS 0
802.11ax HE40	62	5310	MCS 0
802.11ax HE40	102	5510	MCS 0
802.11ax HE40	110	5550	MCS 0
802.11ax HE40	134	5670	MCS 0
802.11ax HE40	142	5710	MCS 0
802.11ax HE40	151	5755	MCS 0
802.11ax HE40	159	5795	MCS 0
802.11ax HE80	42	5210	MCS 0
802.11ax HE80	58	5290	MCS 0
802.11ax HE80	106	5530	MCS 0
802.11ax HE80	122	5610	MCS 0
802.11ax HE80	138	5690	MCS 0
802.11ax HE80	155	5775	MCS 0
802.11ax HE160	50	5250	MCS 0
802.11ax HE160	114	5570	MCS 0

RF power setting in Test SW							
Mode	CH	Frequency (MHz)	Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11a	36	5180	17	17	17	17	MT Tool / 0.0.2.88
	40	5200	17.5	17.5	17.5	17.5	
	48	5240	19	19	19	19	
	52	5260	12.5	12.5	12.5	12.5	
	56	5280	12.5	12.5	12.5	12.5	
	64	5320	12.5	12.5	12.5	12.5	
	100	5500	13	13	13	13	
	112	5560	13.5	13.5	13.5	13.5	
	140	5700	13	13	13	13	
	144	5720	13	13	13	13	
	149	5745	22	22	22	22	
	157	5785	22	22	22	22	
	165	5825	21.5	21.5	21.5	21.5	
802.11n HT20	36	5180	18.5	18.5	18.5	18.5	MT Tool / 0.0.2.88
	40	5200	19	19	19	19	
	48	5240	18.5	18.5	18.5	18.5	
	52	5260	12	12	12	12	
	56	5280	12	12	12	12	
	64	5320	12	12	12	12	
	100	5500	13	13	13	13	
	112	5560	13	13	13	13	
	140	5700	13	13	13	13	
	144	5720	13	13	13	13	
	149	5745	22	22	22	22	
	157	5785	22	22	22	22	
	165	5825	22	22	22	22	
802.11n HT40	38	5190	14.5	14.5	14.5	14.5	MT Tool / 0.0.2.88
	46	5230	19	19	19	19	
	54	5270	14	14	14	14	
	62	5310	13.5	13.5	13.5	13.5	
	102	5510	14.5	14.5	14.5	14.5	
	110	5550	15	15	15	15	
	134	5670	15	15	15	15	
	142	5710	15.5	15.5	15.5	15.5	
	151	5755	20.5	20.5	20.5	20.5	
	159	5795	21.5	21.5	21.5	21.5	

802.11ac VHT20	36	5180	18.5	18.5	18.5	18.5	MT Tool / 0.0.2.88
	40	5200	19	19	19	19	
	48	5240	18.5	18.5	18.5	18.5	
	52	5260	12	12	12	12	
	56	5280	12	12	12	12	
	64	5320	12	12	12	12	
	100	5500	13	13	13	13	
	112	5560	13	13	13	13	
	140	5700	13	13	13	13	
	144	5720	13	13	13	13	
	149	5745	22	22	22	22	
	157	5785	22	22	22	22	
802.11ac VHT40	165	5825	22	22	22	22	MT Tool / 0.0.2.88
	38	5190	14.5	14.5	14.5	14.5	
	46	5230	19	19	19	19	
	54	5270	14	14	14	14	
	62	5310	13.5	13.5	13.5	13.5	
	102	5510	14.5	14.5	14.5	14.5	
	110	5550	15	15	15	15	
	134	5670	15	15	15	15	
	142	5710	15.5	15.5	15.5	15.5	
802.11ac VHT80	151	5755	20.5	20.5	20.5	20.5	MT Tool / 0.0.2.88
	159	5795	21.5	21.5	21.5	21.5	
	42	5210	10.5	10.5	10.5	10.5	
	58	5290	13.5	13.5	13.5	13.5	
	106	5530	13.5	13.5	13.5	13.5	
	122	5610	14.5	14.5	14.5	14.5	
802.11ac VHT160	138	5690	19	19	19	19	MT Tool / 0.0.2.88
	155	5775	18	18	18	18	
	50	5250	16.5	16.5	16.5	16.5	MT Tool / 0.0.2.88
	114	5570	17	17	17	17	

802.11ax HE20	36	5180	18	18	18	18	MT Tool / 0.0.2.88
	40	5200	18	18	18	18	
	48	5240	18.5	18.5	18.5	18.5	
	52	5260	12.5	12.5	12.5	12.5	
	56	5280	12.5	12.5	12.5	12.5	
	64	5320	12.5	12.5	12.5	12.5	
	100	5500	13	13	13	13	
	112	5560	13.5	13.5	13.5	13.5	
	140	5700	13.5	13.5	13.5	13.5	
	144	5720	13.5	13.5	13.5	13.5	
	149	5745	22	22	22	22	
	157	5785	22	22	22	22	
802.11ax HE40	165	5825	22	22	22	22	MT Tool / 0.0.2.88
	38	5190	16.5	16.5	16.5	16.5	
	46	5230	19.5	19.5	19.5	19.5	
	54	5270	14.5	14.5	14.5	14.5	
	62	5310	14	14	14	14	
	102	5510	14.5	14.5	14.5	14.5	
	110	5550	15	15	15	15	
	134	5670	15	15	15	15	
	142	5710	15.5	15.5	15.5	15.5	
802.11ax HE80	151	5755	20.5	20.5	20.5	20.5	MT Tool / 0.0.2.88
	159	5795	21.5	21.5	21.5	21.5	
	42	5210	13	13	13	13	
	58	5290	14.5	14.5	14.5	14.5	
	106	5530	13.5	13.5	13.5	13.5	
	122	5610	14.5	14.5	14.5	14.5	
802.11ax HE160	138	5690	16	16	16	16	MT Tool / 0.0.2.88
	155	5775	17.5	17.5	17.5	17.5	
	50	5250	14.5	14.5	14.5	14.5	MT Tool / 0.0.2.88
	114	5570	14	14	14	14	

Maximum Conducted Output Power Measurement								
Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	
802.11a	36	5180	17.98	18.02	18.18	19.51	24.49	30.00
	40	5200	18.39	18.46	18.56	20.15	24.98	30.00
	48	5240	20.45	20.21	19.93	21.41	26.56	30.00
	52	5260	14.08	14.15	14.14	15.17	20.43	24.00
	56	5280	14.33	14.29	14.30	15.16	20.56	24.00
	64	5320	14.27	14.25	14.81	16.15	20.96	24.00
	100	5500	13.87	14.29	14.43	15.06	20.45	24.00
	112	5560	14.12	13.93	14.22	15.86	20.63	24.00
	140	5700	13.46	14.10	14.18	15.45	20.38	24.00
	144	5720	13.58	14.44	14.19	15.56	20.52	24.00
	149	5745	21.27	21.92	20.95	22.54	27.73	30.00
	157	5785	21.45	22.22	21.37	22.68	27.99	30.00
	165	5825	21.09	21.55	20.71	21.98	27.38	30.00
802.11n HT20	36	5180	19.61	19.63	19.87	21.11	26.12	28.33
	40	5200	20.23	20.14	20.23	21.41	26.56	28.33
	48	5240	20.00	20.13	19.87	21.00	26.30	28.33
	52	5260	14.71	14.92	14.69	15.68	21.04	22.31
	56	5280	14.82	14.92	14.80	15.67	21.09	22.31
	64	5320	14.70	14.72	15.21	16.45	21.35	22.31
	100	5500	14.83	15.38	15.36	16.23	21.50	22.32
	112	5560	13.77	13.49	13.83	15.48	20.24	22.32
	140	5700	13.66	14.17	14.34	15.57	20.52	22.32
	144	5720	13.69	14.40	14.17	15.60	20.55	22.32
	149	5745	21.40	22.03	20.99	22.71	27.85	28.29
	157	5785	21.40	22.09	21.33	22.69	27.94	28.29
	165	5825	21.65	21.99	21.27	22.49	27.90	28.29
802.11n HT40	38	5190	15.56	15.65	15.52	16.63	21.88	28.33
	46	5230	20.60	20.33	20.03	20.98	26.52	28.33
	54	5270	15.80	15.79	15.70	16.61	22.01	22.31
	62	5310	15.41	15.13	15.75	17.13	21.94	22.31
	102	5510	15.71	15.94	16.13	16.75	22.17	22.32
	110	5550	15.15	15.07	15.62	16.93	21.78	22.32
	134	5670	14.59	15.15	15.63	16.45	21.53	22.32
	142	5710	15.82	16.41	16.50	17.73	22.69	28.29
	151	5755	20.24	21.13	20.31	21.96	26.99	28.29
	159	5795	21.12	21.89	21.32	22.59	27.79	28.29

Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	dBm
802.11ac VHT20	36	5180	19.92	19.93	20.17	21.46	26.44	28.33
	40	5200	20.62	20.50	20.63	21.81	26.95	28.33
	48	5240	20.30	20.21	19.93	21.16	26.45	28.33
	52	5260	14.78	15.00	14.86	15.84	21.16	22.31
	56	5280	14.94	15.01	14.93	15.80	21.21	22.31
	64	5320	14.79	14.81	15.30	16.71	21.50	22.31
	100	5500	14.99	15.51	15.49	16.12	21.57	22.32
	112	5560	14.09	13.83	14.16	15.80	20.56	22.32
	140	5700	14.06	14.57	14.72	15.96	20.91	22.32
	144	5720	14.09	14.72	14.53	16.04	20.93	28.29
	149	5745	21.80	22.42	21.45	23.09	28.26	28.29
	157	5785	21.72	22.45	21.66	23.04	28.28	28.29
	165	5825	22.00	22.32	21.65	22.82	28.24	28.29
802.11ac VHT40	38	5190	15.92	16.02	15.93	17.33	22.36	28.33
	46	5230	20.73	20.49	20.33	21.35	26.76	28.33
	54	5270	16.03	15.99	15.95	16.95	22.27	22.31
	62	5310	15.57	15.47	16.05	17.38	22.21	22.31
	102	5510	15.87	16.14	16.16	16.85	22.29	22.32
	110	5550	15.47	15.35	15.93	17.30	22.10	22.32
	134	5670	14.94	15.46	16.04	16.89	21.91	22.32
	142	5710	16.17	16.72	16.83	18.08	23.03	28.29
	151	5755	20.54	21.44	20.64	22.23	27.29	28.29
	159	5795	21.47	22.27	21.66	22.95	28.15	28.29
802.11ac VHT80	42	5210	13.14	13.29	13.27	14.66	19.66	28.33
	58	5290	15.26	15.17	14.79	16.10	21.38	22.31
	106	5530	14.63	14.71	14.80	15.76	21.02	22.32
	122	5610	15.77	16.06	15.80	16.80	22.15	22.32
	138	5690	19.01	19.45	20.02	20.99	25.95	28.29
	155	5775	18.15	18.93	19.03	20.05	25.11	28.29
802.11ac VHT160	50	5250	15.68	15.75	15.92	17.00	22.14	22.31
	114	5570	15.17	15.32	15.78	17.12	21.94	22.32

Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	dBm
802.11ax HE20	36	5180	19.10	19.33	19.65	20.80	25.79	28.33
	40	5200	19.38	19.16	19.22	20.63	25.66	28.33
	48	5240	20.26	19.91	19.66	21.17	26.31	28.33
	52	5260	14.60	14.80	14.67	15.64	20.97	22.31
	56	5280	14.75	14.78	14.68	15.55	20.98	22.31
	64	5320	14.62	14.59	15.10	16.43	21.27	22.31
	100	5500	14.36	14.88	14.94	15.55	20.97	22.32
	112	5560	14.49	14.47	14.65	16.28	21.06	22.32
	140	5700	14.00	14.62	14.68	15.94	20.89	22.32
	144	5720	14.36	15.06	14.94	16.30	21.25	22.32
	149	5745	21.86	22.36	21.36	23.03	28.22	28.29
	157	5785	21.71	22.36	21.48	22.85	28.15	28.29
	165	5825	21.67	22.06	21.29	22.48	27.92	28.29
802.11ax HE40	38	5190	17.60	17.78	17.95	19.23	24.21	28.33
	46	5230	21.05	20.90	20.61	21.62	27.08	28.33
	54	5270	15.97	15.94	15.81	16.86	22.19	22.31
	62	5310	15.56	15.38	15.96	17.32	22.15	22.31
	102	5510	15.46	15.76	15.85	16.52	21.94	22.32
	110	5550	15.38	15.32	15.87	17.27	22.06	22.32
	134	5670	15.06	15.45	16.14	16.97	21.99	22.32
	142	5710	16.02	16.61	16.77	17.95	22.92	28.29
	151	5755	20.40	21.14	20.28	22.06	27.05	28.29
	159	5795	21.26	22.05	21.36	22.67	27.89	28.29
802.11ax HE80	42	5210	14.19	14.22	14.25	15.65	20.65	28.33
	58	5290	15.69	15.51	15.44	16.42	21.80	22.31
	106	5530	14.45	14.59	14.76	15.55	20.88	22.32
	122	5610	15.92	16.27	15.80	16.80	22.24	22.32
	138	5690	15.79	16.28	16.98	17.75	22.79	28.29
	155	5775	17.44	18.24	18.46	19.36	24.45	28.29
802.11ax HE160	50	5250	14.46	14.83	14.47	15.69	20.92	22.31
	114	5570	13.59	13.50	13.64	14.65	19.89	22.32

26 dB & 99 % RF Modewidth Measurement										
Mode	CH	Freq. (MHz)	99 % Modewidth				26 dB Modewidth			
			Ant-0	Ant-1	Ant-2	Ant-3	Ant-0	Ant-1	Ant-2	Ant-3
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz
802.11a	36	5180	17.359	17.333	17.205	17.289	30.520	31.170	29.270	28.660
	40	5200	17.432	17.433	17.186	17.343	32.890	30.280	28.670	33.380
	48	5240	17.495	17.350	17.406	18.593	31.840	34.350	33.200	41.100
	52	5260	17.026	16.968	16.927	16.885	22.260	22.100	21.700	21.700
	56	5280	17.061	17.009	16.886	16.875	22.680	22.060	21.980	21.620
	64	5320	17.291	17.138	17.206	17.230	28.790	28.760	29.350	28.200
	100	5500	17.301	17.242	17.177	17.185	27.490	28.230	27.770	32.350
	112	5560	17.055	17.078	16.905	16.878	22.380	22.020	21.820	21.450
	140	5700	17.250	17.205	17.087	17.076	27.430	27.200	25.190	26.330
	144	5720	13.502	13.497	13.542	13.506	16.000	16.460	16.670	17.230
802.11ac VHT20	36	5180	18.446	18.253	18.295	19.132	28.740	29.180	29.580	38.380
	40	5200	18.504	18.323	18.531	20.906	35.010	33.170	35.980	41.720
	48	5240	18.353	18.354	18.302	19.066	30.830	36.170	36.920	41.730
	52	5260	18.207	17.940	17.997	18.032	22.830	21.940	22.690	22.400
	56	5280	18.256	17.946	18.005	18.016	23.130	22.470	22.560	22.170
	64	5320	18.479	18.210	18.286	18.323	33.670	28.240	28.550	30.520
	100	5500	18.450	18.210	18.325	18.362	30.130	33.070	32.300	32.540
	112	5560	18.193	17.919	17.999	18.067	22.730	21.960	21.810	23.040
	140	5700	18.397	18.169	18.217	18.203	28.950	26.490	27.350	28.580
	144	5720	14.098	14.021	14.052	14.065	16.670	16.260	16.200	16.410
802.11ac VHT40	38	5190	36.659	36.531	36.598	36.622	55.970	48.100	55.870	55.530
	46	5230	37.117	36.880	36.995	38.626	67.010	66.610	66.800	75.910
	54	5270	36.318	36.215	36.242	36.282	41.380	40.640	40.850	40.820
	62	5310	36.704	36.372	36.518	36.588	55.930	47.260	46.510	47.420
	102	5510	36.576	36.592	36.508	36.466	51.050	44.570	43.890	43.060
	110	5550	36.291	36.225	36.389	36.371	41.420	40.990	40.790	41.190
	134	5670	36.763	36.530	36.729	36.647	54.560	51.680	56.470	59.740
	142	5710	33.014	32.946	33.059	33.087	35.590	35.270	36.980	36.170
802.11ac VHT80	42	5210	75.544	75.630	75.487	75.599	100.110	107.140	100.300	95.050
	58	5290	75.574	75.666	75.502	75.588	103.060	105.130	104.040	100.270
	106	5530	75.537	75.603	75.457	75.569	100.440	102.560	90.260	98.790
	122	5610	75.278	75.267	75.258	75.253	80.340	80.230	80.290	80.160
	138	5690	72.236	72.261	72.485	72.518	75.350	78.010	123.120	100.810
802.11ac VHT160	50	5250	76.924	76.744	76.419	76.796	83.240	80.500	87.340	84.860
	50	5250	76.856	76.533	76.239	76.855	85.770	85.460	82.920	84.260
	114	5570	154.035	153.883	154.193	153.903	162.240	162.430	167.460	163.110

Mode	CH	Freq. (MHz)	99 % Modewidth				26 dB Modewidth			
			Ant-0	Ant-1	Ant-2	Ant-3	Ant-0	Ant-1	Ant-2	Ant-3
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz
802.11ax HE20	36	5180	19.354	19.362	19.318	19.443	28.550	30.420	27.190	36.190
	40	5200	19.388	19.441	19.383	19.531	33.630	35.320	28.960	34.340
	48	5240	19.094	19.101	19.133	19.270	21.970	38.930	29.710	42.390
	52	5260	19.190	19.182	19.185	19.251	22.770	22.360	22.720	22.580
	56	5280	19.276	19.151	19.171	19.226	22.850	22.080	22.470	22.680
	64	5320	19.399	19.265	19.388	19.315	27.800	30.690	29.520	27.600
	100	5500	19.442	19.394	19.382	19.347	31.690	28.690	28.150	30.570
	112	5560	19.193	19.239	19.252	19.253	23.440	22.520	22.990	22.760
	140	5700	19.316	19.386	19.262	19.419	29.460	28.640	25.340	26.440
	144	5720	14.688	14.683	14.668	14.716	16.540	16.340	16.350	19.230
802.11ax HE40	38	5190	37.749	37.727	37.830	37.838	47.380	46.010	49.730	52.050
	46	5230	37.873	37.932	37.938	38.496	56.100	57.300	59.580	80.400
	54	5270	37.642	37.602	37.634	37.650	39.830	40.000	39.960	39.970
	62	5310	37.865	37.772	37.769	37.818	48.640	42.770	50.140	46.900
	102	5510	37.746	37.837	37.817	37.841	52.020	46.960	46.450	47.950
	110	5550	37.624	37.729	37.716	37.755	39.970	39.920	39.890	40.040
	134	5670	37.911	37.881	37.940	37.937	54.420	52.860	53.930	50.340
	142	5710	33.724	33.607	33.624	33.740	34.990	34.970	37.650	35.060
802.11ax HE80	42	5210	77.162	77.257	77.189	77.276	98.030	93.480	94.830	91.240
	58	5290	77.193	77.339	77.163	77.328	88.730	98.640	95.980	95.030
	106	5530	77.322	77.075	77.124	77.210	86.220	94.450	83.240	93.580
	122	5610	76.878	76.879	76.921	76.814	81.070	80.970	80.960	80.800
	138	5690	73.037	72.977	73.215	73.109	75.520	75.600	75.740	82.850
802.11ax HE160	50	5250	77.802	77.747	77.706	77.718	80.500	80.690	80.820	80.680
	50	5250	77.597	77.534	77.558	77.481	80.540	80.600	80.890	80.750
	114	5570	155.546	155.641	155.355	155.296	162.740	163.380	163.340	163.790

Mode III_6 dB & 99 % RF Modewidth Measurement											
Mode	CH	Freq. (MHz)	99 % Modewidth				6 dB Modewidth				6dB Limit For FCC
			Ant-0	Ant-1	Ant-2	Ant-3	Ant-0	Ant-1	Ant-2	Ant-3	
			MHz	MHz	MHz	MHz	kHz	kHz	kHz	kHz	
802.11a	144	5720	3.876	3.822	3.890	3.945	3131	3136	3137	3139	≥ 500 kHz
	149	5745	20.530	23.212	26.709	28.595	16370	16360	16380	16370	
	157	5785	20.608	24.170	28.120	31.041	16360	16370	16370	16380	
	165	5825	19.538	21.045	23.891	26.478	16360	16360	16340	16370	
802.11ax HE20	144	5720	4.661	4.701	4.739	4.773	4509	4560	4483	4441	
	149	5745	21.915	24.300	30.562	33.242	19030	18970	18970	18950	
	157	5785	21.220	26.150	29.256	32.312	19020	18920	18870	18870	
	165	5825	22.037	23.694	26.797	30.234	19030	19010	18740	18920	
802.11ax HE40	142	5710	4.094	4.109	4.234	4.357	3988	4014	4038	4037	
	151	5755	38.103	38.504	40.592	43.396	35850	36360	35130	36530	
	159	5795	38.547	40.969	49.771	54.666	37110	35830	36360	37450	
802.11ax HE80	138	5690	4.179	4.185	4.473	4.417	3988	3959	3911	3882	
	155	5775	76.815	76.988	77.171	77.306	75130	75140	75130	75190	

Power Spectral Density Measurement									
Mode	CH	Frequency (MHz)	Measurement				Duty Factor	Calculated	Limit
			Ant-0	Ant-1	Ant-2	Ant-3		Total	
			dBm/MHz	dBm/MHz	dBm/MHz	dBm/MHz	dB	dBm/MHz	dBm/MHz
802.11a	36	5180	6.029	5.966	6.054	7.291	0.241	12.633	15.330
	40	5200	6.210	6.303	6.668	8.159	0.241	13.171	15.330
	48	5240	8.267	8.201	7.909	9.276	0.241	14.706	15.330
	52	5260	2.292	2.403	2.088	3.157	0.241	8.765	9.310
	56	5280	2.610	2.720	2.678	3.574	0.241	9.175	9.310
	64	5320	2.209	2.506	2.694	4.228	0.241	9.244	9.310
	100	5500	2.412	2.519	2.740	3.549	0.241	9.090	9.320
	112	5560	2.161	2.725	2.777	4.168	0.241	9.284	9.320
	140	5700	1.232	2.988	2.425	3.616	0.241	8.912	9.320
	144	5720	1.759	3.151	2.297	3.832	0.241	9.093	9.320

802.11ac VHT20	36	5180	7.034	7.149	7.240	8.665	0.770	14.367	15.330
	40	5200	7.571	7.762	7.683	8.901	0.770	14.805	15.330
	48	5240	7.899	7.751	7.538	8.714	0.770	14.790	15.330
	52	5260	1.413	1.528	1.358	2.522	0.770	8.523	9.310
	56	5280	1.706	1.481	1.287	2.730	0.770	8.629	9.310
	64	5320	1.351	1.021	1.645	2.796	0.770	8.548	9.310
	100	5500	1.995	2.248	1.918	2.988	0.770	9.099	9.320
	112	5560	0.888	1.663	1.646	3.243	0.770	8.739	9.320
	140	5700	0.724	2.489	1.792	1.808	0.770	8.539	9.320
	144	5720	0.833	2.584	1.673	3.283	0.770	8.982	9.320
802.11ac VHT40	38	5190	1.133	1.249	0.925	2.633	0.809	8.369	15.330
	46	5230	6.358	6.033	5.797	6.658	0.809	13.053	15.330
	54	5270	1.990	2.057	2.042	3.218	0.809	9.188	9.310
	62	5310	1.279	1.048	1.953	3.614	0.809	8.925	9.310
	102	5510	1.330	1.169	1.834	2.209	0.809	8.484	9.320
	110	5550	1.132	1.594	2.124	3.437	0.809	8.990	9.320
	134	5670	0.600	1.978	2.186	3.482	0.809	9.010	9.320
	142	5710	1.115	2.026	1.883	3.199	0.809	8.950	9.320
802.11ac VHT80	42	5210	-5.588	-5.809	-5.589	-4.175	0.791	1.573	15.330
	58	5290	-2.432	-2.595	-2.715	-1.881	0.791	4.418	9.310
	106	5530	-3.058	-2.901	-2.327	-1.834	0.791	4.309	9.320
	122	5610	-1.702	-1.503	-2.045	-1.188	0.791	5.213	9.320
	138	5690	-1.664	-0.658	-0.501	0.917	0.791	6.435	9.320
802.11ac VHT160	50	5250	-3.445	-3.330	-4.175	-2.385	2.071	4.805	15.330
	50	5250	-3.386	-2.733	-3.980	-2.215	2.071	5.064	9.310
	114	5570	-5.437	-5.207	-4.634	-3.333	2.071	3.519	9.320

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.

Mode	CH	Frequency (MHz)	Measurement				Duty Factor	Calculated	Limit
			Ant-0	Ant-1	Ant-2	Ant-3		Total	
			dBm/MHz	dBm/MHz	dBm/MHz	dBm/MHz		dBm/MHz	
802.11ax HE20	36	5180	6.632	6.566	6.874	7.818	0.270	13.293	15.330
	40	5200	6.512	6.342	6.719	7.809	0.270	13.175	15.330
	48	5240	7.762	7.342	7.339	8.460	0.270	14.041	15.330
	52	5260	2.620	2.979	2.608	3.637	0.270	9.272	9.310
	56	5280	2.475	2.422	2.705	3.421	0.270	9.065	9.310
	64	5320	2.068	2.113	2.595	4.000	0.270	9.059	9.310
	100	5500	2.276	2.566	2.757	3.371	0.270	9.052	9.320
	112	5560	1.954	2.626	2.858	4.239	0.270	9.292	9.320
	140	5700	1.377	3.129	2.529	3.814	0.270	9.093	9.320
	144	5720	1.497	3.365	2.586	3.926	0.270	9.227	9.320
802.11ax HE40	38	5190	3.361	3.124	3.641	4.381	0.270	9.944	15.330
	46	5230	6.929	6.773	6.346	7.435	0.270	13.179	15.330
	54	5270	2.072	2.140	2.297	3.192	0.270	8.740	9.310
	62	5310	1.511	1.256	2.087	3.255	0.270	8.389	9.310
	102	5510	1.529	1.985	2.149	2.494	0.270	8.344	9.320
	110	5550	1.082	1.605	2.404	3.236	0.270	8.450	9.320
	134	5670	0.862	1.328	1.861	3.120	0.270	8.168	9.320
	142	5710	1.038	2.950	2.565	3.700	0.270	8.957	9.320
802.11ax HE80	42	5210	-3.040	-3.080	-2.789	-1.758	0.271	3.659	15.330
	58	5290	-1.250	-1.330	-1.230	-0.423	0.271	5.250	9.310
	106	5530	-2.713	-2.443	-2.012	-1.492	0.271	4.151	9.320
	122	5610	-1.651	-1.084	-1.351	-0.655	0.271	5.122	9.320
	138	5690	-1.430	-0.560	-0.184	1.093	0.271	6.118	9.320

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.

Band III_ Power Spectral Density Measurement														
Band	CH	Frequency (MHz)	Measurement								Duty Factor	Calculated	Limit	PASS/FAIL
			Ant-0		Ant-1		Ant-2		Ant-3			Total		
			dBm/100 kHz	dBm/500 kHz	dBm/100 kHz	dBm/500 kHz	dBm/100 kHz	dBm/500 kHz	dBm/100 kHz	dBm/500 kHz		dB	dBm/500 kHz	
802.11a	144	5720	-7.968	-0.738	-6.169	1.061	-6.407	0.823	-5.552	1.678	0.241	6.813	28.29	PASS
	149	5745	0.299	7.529	1.456	8.686	0.238	7.468	1.494	8.724	0.241	14.164	28.29	PASS
	157	5785	0.757	7.987	1.443	8.673	1.255	8.485	2.234	9.464	0.241	14.706	28.29	PASS
	165	5825	0.051	7.281	0.277	7.507	0.304	7.534	0.884	8.114	0.241	13.641	28.29	PASS
802.11ac VHT20	144	5720	-7.481	0.279	-5.745	2.015	-7.178	0.582	-4.466	3.294	0.770	7.734	28.29	PASS
	149	5745	1.561	9.321	2.197	9.957	0.516	8.276	2.697	10.457	0.770	15.598	28.29	PASS
	157	5785	0.972	8.732	1.205	8.965	1.007	8.767	2.572	10.332	0.770	15.273	28.29	PASS
	165	5825	0.754	8.514	1.338	9.098	0.780	8.540	2.649	10.409	0.770	15.232	28.29	PASS
802.11ac VHT40	142	5710	-11.434	-3.636	-8.992	-1.194	-9.295	-1.497	-7.282	0.516	0.809	4.811	28.29	PASS
	151	5755	-3.037	4.761	-1.227	6.571	-2.482	5.316	-0.482	7.316	0.809	12.129	28.29	PASS
	159	5795	-1.924	5.874	-0.193	7.605	-1.250	6.548	-0.660	7.138	0.809	12.860	28.29	PASS
802.11ac VHT80	138	5690	-13.070	-5.289	-12.921	-5.140	-12.037	-4.256	-10.759	-2.978	0.791	1.706	28.29	PASS
	155	5775	-8.344	-0.563	-7.526	0.255	-6.812	0.969	-6.116	1.665	0.791	6.680	28.29	PASS
802.11ax HE20	144	5720	-8.167	-0.907	-6.843	0.417	-6.896	0.364	-5.865	1.395	0.270	6.413	28.29	PASS
	149	5745	-0.780	6.480	0.356	7.616	-0.569	6.691	1.755	9.015	0.270	13.591	28.29	PASS
	157	5785	-0.665	6.595	0.809	8.069	-0.385	6.875	0.820	8.080	0.270	13.477	28.29	PASS
	165	5825	-0.050	7.210	-0.105	7.155	-1.262	5.998	0.252	7.512	0.270	13.026	28.29	PASS
802.11ax HE40	142	5710	-12.227	-4.967	-10.033	-2.773	-10.924	-3.664	-9.053	-1.793	0.270	2.875	28.29	PASS
	151	5755	-3.746	3.514	-3.177	4.083	-4.096	3.164	-2.134	5.126	0.270	10.057	28.29	PASS
	159	5795	-2.824	4.436	-1.616	5.644	-2.855	4.405	-1.683	5.577	0.270	11.077	28.29	PASS
802.11ax HE80	138	5690	-14.932	-7.671	-14.349	-7.088	-13.845	-6.584	-12.122	-4.861	0.271	-0.398	28.29	PASS
	155	5775	-9.594	-2.333	-8.314	-1.053	-9.315	-2.054	-7.483	-0.222	0.271	4.687	28.29	PASS

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.
Conversion ratio = 10*Log(500 k/100 k)

Duty cycle						
Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11n HT20	5180	0.855	0.906	94.371	0.252	1.170
802.11n HT40	5190	0.819	0.873	93.814	0.277	1.221
802.11ac VHT20	5180	0.261	0.311	83.746	0.770	3.836
802.11ac VHT40	5190	0.259	0.312	83.013	0.809	3.861
802.11ac VHT80	5210	0.261	0.313	83.344	0.791	3.836
802.11ac VHT160	5250	0.090	0.145	62.069	2.071	11.111
802.11ax HE20	5180	0.795	0.846	93.972	0.270	1.258
802.11ax HE40	5190	0.795	0.846	93.972	0.270	1.258
802.11ax HE80	5210	0.792	0.843	93.950	0.271	1.263
802.11ax HE160	5250	0.795	0.846	93.972	0.270	1.258

5 GHz Band Config			
Mode	Channel	Freq. (MHz)	Data Rate
802.11n HT20	36	5180	26M
802.11n HT20	40	5200	26M
802.11n HT20	48	5240	26M
802.11n HT20	52	5260	26M
802.11n HT20	56	5280	26M
802.11n HT20	64	5320	26M
802.11n HT20	100	5500	26M
802.11n HT20	112	5560	26M
802.11n HT20	140	5700	26M
802.11n HT20	144	5720	26M
802.11n HT20	149	5745	26M
802.11n HT20	157	5785	26M
802.11n HT20	165	5825	26M
802.11n HT40	38	5190	54M
802.11n HT40	46	5230	54M
802.11n HT40	54	5270	54M
802.11n HT40	62	5310	54M
802.11n HT40	102	5510	54M
802.11n HT40	110	5550	54M
802.11n HT40	142	5710	54M
802.11n HT40	151	5755	54M
802.11n HT40	159	5795	54M

5 GHz Band Config			
Mode	Channel	Freq. (MHz)	Data Rate
802.11ac VHT20	36	5180	MCS 0
802.11ac VHT20	40	5200	MCS 0
802.11ac VHT20	48	5240	MCS 0
802.11ac VHT20	52	5260	MCS 0
802.11ac VHT20	56	5280	MCS 0
802.11ac VHT20	64	5320	MCS 0
802.11ac VHT20	100	5500	MCS 0
802.11ac VHT20	112	5560	MCS 0
802.11ac VHT20	140	5700	MCS 0
802.11ac VHT20	144	5720	MCS 0
802.11ac VHT20	149	5745	MCS 0
802.11ac VHT20	157	5785	MCS 0
802.11ac VHT20	165	5825	MCS 0
802.11ac VHT40	38	5190	MCS 0
802.11ac VHT40	46	5230	MCS 0
802.11ac VHT40	54	5270	MCS 0
802.11ac VHT40	62	5310	MCS 0
802.11ac VHT40	102	5510	MCS 0
802.11ac VHT40	110	5550	MCS 0
802.11ac VHT40	134	5670	MCS 0
802.11ac VHT40	142	5710	MCS 0
802.11ac VHT40	151	5755	MCS 0
802.11ac VHT40	159	5795	MCS 0
802.11ac VHT80	42	5210	MCS 0
802.11ac VHT80	58	5290	MCS 0
802.11ac VHT80	106	5530	MCS 0
802.11ac VHT80	122	5610	MCS 0
802.11ac VHT80	138	5690	MCS 0
802.11ac VHT80	155	5775	MCS 0
802.11ac VHT160	50	5250	MCS 0
802.11ac VHT160	114	5570	MCS 0

5 GHz Band Config			
Mod.	Channel	Freq. (MHz)	Data Rate
802.11ax HE20	36	5180	MCS 0
802.11ax HE20	40	5200	MCS 0
802.11ax HE20	48	5240	MCS 0
802.11ax HE20	52	5260	MCS 0
802.11ax HE20	56	5280	MCS 0
802.11ax HE20	64	5320	MCS 0
802.11ax HE20	100	5500	MCS 0
802.11ax HE20	112	5560	MCS 0
802.11ax HE20	140	5700	MCS 0
802.11ax HE20	144	5720	MCS 0
802.11ax HE20	149	5745	MCS 0
802.11ax HE20	157	5785	MCS 0
802.11ax HE20	165	5825	MCS 0
802.11ax HE40	38	5190	MCS 0
802.11ax HE40	46	5230	MCS 0
802.11ax HE40	54	5270	MCS 0
802.11ax HE40	62	5310	MCS 0
802.11ax HE40	102	5510	MCS 0
802.11ax HE40	110	5550	MCS 0
802.11ax HE40	134	5670	MCS 0
802.11ax HE40	142	5710	MCS 0
802.11ax HE40	151	5755	MCS 0
802.11ax HE40	159	5795	MCS 0
802.11ax HE80	42	5210	MCS 0
802.11ax HE80	58	5290	MCS 0
802.11ax HE80	106	5530	MCS 0
802.11ax HE80	122	5610	MCS 0
802.11ax HE80	138	5690	MCS 0
802.11ax HE80	155	5775	MCS 0
802.11ax HE160	50	5250	MCS 0
802.11ax HE160	114	5570	MCS 0

RF power setting in Test SW (BF on)							
Mode	CH	Frequency (MHz)	Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11n HT20	36	5180	39	39	39	39	Tera Term / 4.105 ; 4.106
	40	5200	39	39	39	39	
	48	5240	38	38	38	38	
	52	5260	26	26	26	26	
	56	5280	26	26	26	26	
	64	5320	27	27	27	27	
	100	5500	28	28	28	28	
	112	5560	27	27	27	27	
	140	5700	29	29	29	29	
	144	5720	28	28	28	28	
	149	5745	42	35	35	35	
	157	5785	41	41	41	41	
	165	5825	41	41	41	41	
802.11n HT40	38	5190	29	29	29	29	Tera Term / 4.105 ; 4.106
	46	5230	37	37	37	37	
	54	5270	28	28	28	28	
	62	5310	29	29	29	29	
	102	5510	29	29	29	29	
	110	5550	29	29	29	29	
	134	5670	29	29	29	29	
	142	5710	30	30	30	30	
	151	5755	40	40	40	40	
	159	5795	41	41	41	41	

802.11ac VHT20	36	5180	39	39	39	39	Tera Term / 4.105 ; 4.106
	40	5200	39	39	39	39	
	48	5240	38	38	38	38	
	52	5260	26	26	26	26	
	56	5280	26	26	26	26	
	64	5320	27	27	27	27	
	100	5500	28	28	28	28	
	112	5560	27	27	27	27	
	140	5700	29	29	29	29	
	144	5720	28	28	28	28	
	149	5745	42	42	42	42	
	157	5785	41	41	41	41	
802.11ac VHT40	165	5825	41	41	41	41	
	38	5190	29	29	29	29	Tera Term / 4.105 ; 4.106
	46	5230	37	37	37	37	
	54	5270	28	28	28	28	
	62	5310	29	29	29	29	
	102	5510	29	29	29	29	
	110	5550	29	29	29	29	
	134	5670	29	29	29	29	
	142	5710	30	30	30	30	
802.11ac VHT80	151	5755	40	40	40	40	
	159	5795	41	41	41	41	
	42	5210	25	25	25	25	Tera Term / 4.105 ; 4.106
	58	5290	28	28	28	28	
	106	5530	28	28	28	28	
	122	5610	30	30	30	30	
802.11ac VHT160	138	5690	34	34	34	34	
	155	5775	37	37	37	37	
	50	5250	32	32	32	32	Tera Term / 4.105 ; 4.106
	114	5570	33	33	33	33	

802.11ax HE20	36	5180	37	37	37	37	Tera Term / 4.105 ; 4.106
	40	5200	37	37	37	37	
	48	5240	38	38	38	38	
	52	5260	26	26	26	26	
	56	5280	26	26	26	26	
	64	5320	27	27	27	27	
	100	5500	27	27	27	27	
	112	5560	27	27	27	27	
	140	5700	28	28	28	28	
	144	5720	27	27	27	27	
	149	5745	43	43	43	43	
	157	5785	42	42	42	42	
802.11ax HE40	165	5825	41	41	41	41	Tera Term / 4.105 ; 4.106
	38	5190	34	34	34	34	
	46	5230	40	40	40	40	
	54	5270	30	30	30	30	
	62	5310	30	30	30	30	
	102	5510	30	30	30	30	
	110	5550	30	30	30	30	
	134	5670	30	30	30	30	
	142	5710	32	32	32	32	
802.11ax HE80	151	5755	42	42	42	42	Tera Term / 4.105 ; 4.106
	159	5795	43	43	43	43	
	42	5210	29	29	29	29	
	58	5290	31	31	31	31	
	106	5530	30	30	30	30	
	122	5610	32	32	32	32	
802.11ax HE160	138	5690	33	32	32	32	Tera Term / 4.105 ; 4.106
	155	5775	38	38	38	38	
	50	5250	32	32	32	32	
	114	5570	31	31	31	31	

Maximum Conducted Output Power Measurement (BF on)								
Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	
802.11n HT20	36	5180	19.62	20.08	19.25	20.06	25.79	28.33
	40	5200	20.21	20.33	19.33	20.51	26.14	28.33
	48	5240	20.28	19.59	19.84	20.03	25.96	28.33
	52	5260	14.65	14.52	14.46	14.62	20.59	22.31
	56	5280	14.76	14.51	14.32	14.79	20.62	22.31
	64	5320	15.09	14.26	15.34	14.93	20.95	22.31
	100	5500	14.94	14.91	15.03	15.14	21.03	22.32
	112	5560	12.80	13.41	13.35	13.67	19.34	22.32
	140	5700	14.08	14.06	14.79	14.64	20.43	22.32
	144	5720	14.05	14.52	14.58	14.84	20.53	22.32
	149	5745	20.87	21.43	21.59	21.64	27.42	28.29
	157	5785	20.63	21.31	22.23	21.50	27.48	28.29
	165	5825	21.73	21.56	21.55	21.09	27.51	28.29
802.11n HT40	38	5190	15.14	15.94	15.48	16.30	21.76	28.33
	46	5230	20.54	19.57	20.21	19.84	26.07	28.33
	54	5270	15.59	15.65	15.58	15.42	21.58	22.31
	62	5310	15.81	15.27	16.34	15.87	21.86	22.31
	102	5510	15.44	15.56	16.24	15.68	21.76	22.32
	110	5550	14.91	16.27	15.72	15.90	21.75	22.32
	134	5670	15.39	15.73	14.90	15.85	21.50	22.32
	142	5710	14.92	15.90	16.23	16.14	21.85	22.32
	151	5755	20.42	21.44	20.86	20.84	26.92	28.29
	159	5795	21.13	21.20	21.67	21.65	27.44	28.29

Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	dBm
802.11ac VHT20	36	5180	20.03	20.39	19.55	20.36	26.12	28.33
	40	5200	20.60	20.64	19.74	20.78	26.48	28.33
	48	5240	20.72	20.03	20.32	20.51	26.42	28.33
	52	5260	14.98	14.90	14.80	14.99	20.94	22.31
	56	5280	15.12	14.86	14.79	15.15	21.00	22.31
	64	5320	15.45	14.48	15.54	15.18	21.20	22.31
	100	5500	15.00	14.98	15.08	15.34	21.12	22.32
	112	5560	13.12	13.83	13.65	13.92	19.66	22.32
	140	5700	14.42	14.52	15.22	14.98	20.82	22.32
	144	5720	14.32	14.86	14.93	15.12	20.84	22.32
	149	5745	21.18	21.69	21.97	22.09	27.77	28.29
	157	5785	21.33	21.91	22.48	22.13	28.00	28.29
	165	5825	22.14	21.95	21.93	21.47	27.90	28.29
802.11ac VHT40	38	5190	15.54	16.19	15.55	16.56	22.00	28.33
	46	5230	20.87	19.85	20.35	20.17	26.35	28.33
	54	5270	15.86	15.96	15.95	15.82	21.92	22.31
	62	5310	16.17	15.58	16.66	16.10	22.16	22.31
	102	5510	15.64	15.77	16.44	15.95	21.98	22.32
	110	5550	15.26	16.56	16.03	16.26	22.07	22.32
	134	5670	15.67	16.04	15.25	16.15	21.81	22.32
	142	5710	15.29	16.28	16.53	16.49	22.19	22.32
	151	5755	20.69	20.82	21.13	21.09	26.96	28.29
	159	5795	21.58	21.71	22.09	22.00	27.87	28.29
802.11ac VHT80	42	5210	12.94	13.24	13.01	13.41	19.18	28.33
	58	5290	15.30	14.89	14.42	15.36	21.03	22.31
	106	5530	14.33	14.61	15.33	15.05	20.87	22.32
	122	5610	15.61	15.41	15.72	15.90	21.69	22.32
	138	5690	20.10	20.34	19.47	19.73	25.94	22.32
	155	5775	18.47	18.25	18.83	18.64	24.57	28.29
802.11ac VHT160	50	5250	16.43	15.42	15.71	15.86	21.89	22.31
	114	5570	15.19	15.48	16.46	16.08	21.85	22.32

Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	dBm
802.11ax HE20	36	5180	19.03	19.70	18.48	20.00	25.36	28.33
	40	5200	19.12	19.75	18.45	19.62	25.28	28.33
	48	5240	20.11	20.18	20.15	20.30	26.21	28.33
	52	5260	14.13	14.56	14.41	14.94	20.54	22.31
	56	5280	14.46	14.65	14.39	15.23	20.72	22.31
	64	5320	14.76	14.80	15.64	14.60	20.99	22.31
	100	5500	14.48	14.04	15.04	14.32	20.51	22.32
	112	5560	14.33	14.19	14.65	15.13	20.61	22.32
	140	5700	14.82	14.66	15.32	14.48	20.85	22.32
	144	5720	13.79	14.72	14.89	14.28	20.46	22.32
	149	5745	21.38	22.35	22.43	22.01	28.08	28.29
	157	5785	21.35	22.12	22.27	21.61	27.87	28.29
	165	5825	21.93	21.81	21.43	21.28	27.64	28.29
802.11ax HE40	38	5190	17.66	18.12	17.00	18.25	23.81	28.33
	46	5230	21.19	20.48	20.89	20.62	26.82	28.33
	54	5270	16.13	15.88	15.92	16.06	22.02	22.31
	62	5310	16.11	15.15	16.50	15.60	21.89	22.31
	102	5510	15.50	14.92	15.91	15.64	21.53	22.32
	110	5550	15.08	15.09	15.74	15.83	21.47	22.32
	134	5670	15.54	15.78	15.06	15.32	21.45	22.32
	142	5710	16.50	16.85	16.98	16.80	22.81	22.32
	151	5755	20.73	20.89	20.68	20.59	26.74	28.29
	159	5795	21.68	21.95	21.65	21.60	27.74	28.29
802.11ax HE80	42	5210	14.54	14.56	13.51	14.88	20.42	28.33
	58	5290	15.79	15.34	15.24	15.78	21.57	22.31
	106	5530	14.59	13.81	14.39	14.70	20.41	22.32
	122	5610	15.75	15.09	15.50	16.02	21.63	22.32
	138	5690	15.89	16.48	15.75	15.85	22.02	22.32
	155	5775	18.23	18.18	18.35	18.23	24.27	28.29
802.11ax HE160	50	5250	14.44	13.74	14.26	13.43	20.01	22.31
	114	5570	12.21	13.09	13.11	13.21	18.94	22.32