

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	1.407	2.037	69.072	1.607	0.711
802.11n HT20	5180	1.317	1.937	67.992	1.675	0.759
802.11n HT40	5190	0.667	1.292	51.602	2.873	1.500
802.11ac VHT20	5180	1.337	1.947	68.670	1.632	0.748
802.11ac VHT40	5190	0.662	1.282	51.615	2.872	1.511
802.11ac VHT80	5210	0.342	0.962	35.531	4.494	2.927
802.11ax HE20	5180	1.027	1.647	62.356	2.051	0.974
802.11ax HE40	5190	0.667	0.687	97.088	0.128	1.500
802.11ax HE80	5210	0.042	0.058	72.256	1.411	23.998

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	8	8	-	-	Command
	40	5200	8	8	-	-	
	48	5240	8	8	-	-	
	52	5260	8	8	-	-	
	56	5280	8	8	-	-	
	64	5320	7.5	7.5	-	-	
	100	5500	8	8	-	-	
	112	5560	8	8	-	-	
	140	5700	8.5	8.5	-	-	
	144	5720	8.5	8.5	-	-	
	149	5745	8.5	8.5	-	-	
	157	5785	8.5	8.5	-	-	
	165	5825	8.5	8.5	-	-	
802.11n HT20	36	5180	9	9	-	-	Command
	40	5200	9	9	-	-	
	48	5240	9	9	-	-	
	52	5260	9	9	-	-	
	56	5280	9	9	-	-	
	64	5320	9	9	-	-	
	100	5500	9.5	9.5	-	-	
	112	5560	9.5	9.5	-	-	
	140	5700	10	10	-	-	
	144	5720	10	10	-	-	
	149	5745	10	10	-	-	
	157	5785	10	10	-	-	
	165	5825	10	10	-	-	
802.11n HT40	38	5190	10	10	-	-	Command
	46	5230	10	10	-	-	
	54	5270	10	10	-	-	
	62	5310	10	10	-	-	
	102	5510	10.5	10.5	-	-	
	110	5550	10.5	10.5	-	-	
	134	5670	10.5	10.5	-	-	
	142	5710	10.5	10.5	-	-	
	151	5755	11	11	-	-	
	159	5795	11	11	-	-	

RF power setting in Test SW							
Mode	CH	Frequency (MHz)	Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11ac VHT20	36	5180	9.5	9.5	-	-	Command
	40	5200	9.5	9.5	-	-	
	48	5240	9	9	-	-	
	52	5260	9	9	-	-	
	56	5280	9	9	-	-	
	64	5320	9	9	-	-	
	100	5500	10	10	-	-	
	112	5560	10	10	-	-	
	140	5700	10	10	-	-	
	144	5720	10	10	-	-	
	149	5745	10	10	-	-	
	157	5785	10	10	-	-	
	165	5825	10	10	-	-	
802.11ac VHT40	38	5190	10.5	10.5	-	-	Command
	46	5230	10.5	10.5	-	-	
	54	5270	10	10	-	-	
	62	5310	9.5	9.5	-	-	
	102	5510	10.5	10.5	-	-	
	110	5550	10.5	10.5	-	-	
	134	5670	10.5	10.5	-	-	
	142	5710	11	11	-	-	
	151	5755	11	11	-	-	
802.11ac VHT80	159	5795	11	11	-	-	Command
	42	5210	12	12	-	-	
	58	5290	11.5	11.5	-	-	
	106	5530	12.5	12.5	-	-	
	122	5610	12.5	12.5	-	-	
	138	5690	12.5	12.5	-	-	
	155	5775	12.5	12.5	-	-	

RF power setting in Test SW							
Mode	CH	Frequency (MHz)	Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11ax HE20	36	5180	9.5	9.5	-	-	Command
	40	5200	9.5	9.5	-	-	
	48	5240	9.5	9.5	-	-	
	52	5260	9.5	9.5	-	-	
	56	5280	9.5	9.5	-	-	
	64	5320	9	9	-	-	
	100	5500	9.5	9.5	-	-	
	112	5560	9.5	9.5	-	-	
	140	5700	10	10	-	-	
	144	5720	10	10	-	-	
	149	5745	10	10	-	-	
	157	5785	10	10	-	-	
	165	5825	10	10	-	-	
802.11ax HE40	38	5190	11	11	-	-	Command
	46	5230	11	11	-	-	
	54	5270	11	11	-	-	
	62	5310	11	11	-	-	
	102	5510	3	3	-	-	
	110	5550	11.5	11.5	-	-	
	134	5670	7	7	-	-	
	142	5710	12	12	-	-	
	151	5755	12	12	-	-	
802.11ax HE80	159	5795	12	12	-	-	Command
	42	5210	11.5	11.5	-	-	
	58	5290	11.5	11.5	-	-	
	106	5530	12.5	12.5	-	-	
	122	5610	12.5	12.5	-	-	
	138	5690	12.5	12.5	-	-	
	155	5775	12.5	12.5	-	-	

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	11.43	11.86	-	-	14.66	24.00
	40	5200	11.63	12.26	-	-	14.96	24.00
	48	5240	11.75	12.19	-	-	14.98	24.00
	52	5260	11.78	12.10	-	-	14.95	24.00
	56	5280	11.72	12.20	-	-	14.97	24.00
	64	5320	11.50	12.17	-	-	14.86	24.00
	100	5500	11.96	11.13	-	-	14.57	24.00
	112	5560	12.06	11.20	-	-	14.66	24.00
	140	5700	11.45	12.12	-	-	14.81	24.00
	144	5720	11.42	12.20	-	-	14.83	23.38
	149	5745	11.58	12.22	-	-	14.92	30.00
	157	5785	11.57	12.03	-	-	14.81	30.00
	165	5825	11.50	12.02	-	-	14.78	30.00
802.11n HT20	36	5180	11.13	11.89	-	-	14.53	24.00
	40	5200	11.15	11.88	-	-	14.54	24.00
	48	5240	11.09	11.89	-	-	14.51	24.00
	52	5260	11.16	11.82	-	-	14.51	24.00
	56	5280	11.17	11.89	-	-	14.55	24.00
	64	5320	11.05	11.90	-	-	14.50	24.00
	100	5500	11.71	11.27	-	-	14.50	24.00
	112	5560	11.49	11.53	-	-	14.52	24.00
	140	5700	11.02	12.00	-	-	14.54	24.00
	144	5720	10.99	11.97	-	-	14.51	24.00
	149	5745	11.09	11.95	-	-	14.55	30.00
	157	5785	11.11	11.91	-	-	14.53	30.00
	165	5825	11.00	12.01	-	-	14.54	30.00
802.11n HT40	38	5190	11.10	11.85	-	-	14.50	24.00
	46	5230	10.88	12.03	-	-	14.51	24.00
	54	5270	10.96	11.96	-	-	14.50	24.00
	62	5310	11.03	11.90	-	-	14.50	24.00
	102	5510	11.66	11.41	-	-	14.55	24.00
	110	5550	11.58	11.40	-	-	14.50	24.00
	134	5670	10.91	12.01	-	-	14.51	24.00
	142	5710	10.72	12.19	-	-	14.53	24.00
	151	5755	10.98	11.95	-	-	14.51	30.00
	159	5795	10.99	12.04	-	-	14.56	30.00

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	dBm
802.11ac VHT20	36	5180	11.43	12.11	-	-	14.80	24.00
	40	5200	11.84	11.82	-	-	14.84	24.00
	48	5240	11.50	12.10	-	-	14.82	24.00
	52	5260	11.25	11.96	-	-	14.63	24.00
	56	5280	11.34	11.95	-	-	14.67	24.00
	64	5320	11.44	12.08	-	-	14.78	24.00
	100	5500	12.12	11.59	-	-	14.88	24.00
	112	5560	11.96	11.96	-	-	14.97	24.00
	140	5700	11.26	12.12	-	-	14.72	24.00
	144	5720	11.25	12.09	-	-	14.70	23.27
	149	5745	11.33	12.25	-	-	14.83	30.00
	157	5785	11.22	12.02	-	-	14.65	30.00
	165	5825	11.06	12.01	-	-	14.57	30.00
802.11ac VHT40	38	5190	11.15	12.30	-	-	14.78	24.00
	46	5230	11.33	12.29	-	-	14.85	24.00
	54	5270	11.11	11.93	-	-	14.55	24.00
	62	5310	10.61	12.38	-	-	14.60	24.00
	102	5510	11.48	11.65	-	-	14.58	24.00
	110	5550	11.61	11.66	-	-	14.65	24.00
	134	5670	10.68	12.38	-	-	14.63	24.00
	142	5710	11.01	12.32	-	-	14.73	24.00
	151	5755	11.12	12.32	-	-	14.77	30.00
	159	5795	11.14	12.16	-	-	14.69	30.00
802.11ac VHT80	42	5210	11.28	12.14	-	-	14.75	24.00
	58	5290	11.10	11.85	-	-	14.51	24.00
	106	5530	12.11	11.44	-	-	14.80	24.00
	122	5610	11.52	11.75	-	-	14.65	24.00
	138	5690	11.07	12.17	-	-	14.67	24.00
	155	5775	11.00	11.93	-	-	14.50	30.00

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	dBm
802.11ax HE20	36	5180	11.72	12.13	-	-	14.94	24.00
	40	5200	11.53	12.32	-	-	14.95	24.00
	48	5240	11.79	12.16	-	-	14.99	24.00
	52	5260	11.73	12.16	-	-	14.96	24.00
	56	5280	11.74	12.14	-	-	14.96	24.00
	64	5320	11.69	12.24	-	-	14.99	24.00
	100	5500	12.40	11.49	-	-	14.98	24.00
	112	5560	12.36	11.47	-	-	14.95	24.00
	140	5700	11.63	12.25	-	-	14.96	24.00
	144	5720	11.60	12.26	-	-	14.95	23.15
	149	5745	11.68	12.26	-	-	14.99	30.00
	157	5785	11.70	12.20	-	-	14.97	30.00
	165	5825	11.59	12.28	-	-	14.96	30.00
802.11ax HE40	38	5190	11.55	12.34	-	-	14.97	24.00
	46	5230	11.31	12.57	-	-	14.99	24.00
	54	5270	11.47	12.42	-	-	14.98	24.00
	62	5310	11.48	12.36	-	-	14.95	24.00
	102	5510	2.14	1.97	-	-	5.06	24.00
	110	5550	12.06	11.90	-	-	14.99	24.00
	134	5670	6.28	7.34	-	-	9.85	24.00
	142	5710	11.33	12.47	-	-	14.95	24.00
	151	5755	11.34	12.50	-	-	14.97	30.00
	159	5795	11.36	12.51	-	-	14.98	30.00
802.11ax HE80	42	5210	11.36	12.50	-	-	14.98	24.00
	58	5290	11.60	12.33	-	-	14.99	24.00
	106	5530	12.29	11.61	-	-	14.97	24.00
	122	5610	11.90	12.01	-	-	14.97	24.00
	138	5690	11.44	12.46	-	-	14.99	24.00
	155	5775	11.49	12.32	-	-	14.94	30.00

26 dB & 99 % RF Bandwidth Measurement										
Mode	CH	Freq. (MHz)	99 % Bandwidth				26 dB Bandwidth			
			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	17.940	17.233	-	-	27.720	26.710	-	-
	40	5200	17.839	17.283	-	-	27.320	25.400	-	-
	48	5240	16.690	16.541	-	-	20.270	19.600	-	-
	52	5260	17.701	17.097	-	-	26.550	23.950	-	-
	56	5280	17.640	17.134	-	-	27.210	24.710	-	-
	64	5320	17.968	17.173	-	-	27.190	25.610	-	-
	100	5500	17.766	17.175	-	-	28.230	24.860	-	-
	112	5560	17.889	17.275	-	-	27.160	24.340	-	-
	140	5700	17.886	17.236	-	-	27.030	26.000	-	-
	144	5720	13.956	13.564	-	-	18.880	17.310	-	-
802.11ac VHT20	36	5180	18.658	18.012	-	-	28.000	23.670	-	-
	40	5200	18.488	18.015	-	-	31.460	23.630	-	-
	48	5240	17.656	17.610	-	-	20.540	20.100	-	-
	52	5260	18.564	17.910	-	-	28.510	24.900	-	-
	56	5280	18.474	17.984	-	-	28.440	23.550	-	-
	64	5320	18.673	17.983	-	-	30.450	24.770	-	-
	100	5500	18.747	17.950	-	-	28.430	29.820	-	-
	112	5560	18.490	17.922	-	-	27.890	24.400	-	-
	140	5700	18.576	18.033	-	-	28.470	24.540	-	-
	144	5720	14.310	14.050	-	-	18.480	16.880	-	-
802.11ac VHT40	38	5190	35.808	35.938	-	-	40.520	39.840	-	-
	46	5230	35.869	35.870	-	-	40.410	39.460	-	-
	54	5270	35.852	35.838	-	-	40.230	39.940	-	-
	62	5310	35.853	35.922	-	-	40.160	39.930	-	-
	102	5510	35.811	36.036	-	-	40.420	39.910	-	-
	110	5550	35.892	36.067	-	-	40.780	40.100	-	-
	134	5670	35.850	35.979	-	-	40.550	40.180	-	-
	142	5710	32.806	32.820	-	-	35.290	35.030	-	-
802.11ac VHT80	42	5210	75.163	75.051	-	-	80.520	79.690	-	-
	58	5290	75.270	75.170	-	-	80.260	79.730	-	-
	106	5530	75.164	75.116	-	-	80.460	79.580	-	-
	122	5610	75.158	75.026	-	-	80.540	79.670	-	-
	138	5690	72.175	72.098	-	-	75.410	74.930	-	-

26 dB & 99 % RF Bandwidth Measurement										
Mode	CH	Freq. (MHz)	99 % Bandwidth				26 dB Bandwidth			
			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	19.112	19.066	-	-	23.490	25.100	-	-
	40	5200	19.101	19.078	-	-	26.960	24.510	-	-
	48	5240	18.874	18.875	-	-	20.000	20.160	-	-
	52	5260	19.088	19.101	-	-	25.100	24.200	-	-
	56	5280	19.090	19.070	-	-	21.640	22.890	-	-
	64	5320	19.102	19.148	-	-	26.320	25.900	-	-
	100	5500	19.160	19.097	-	-	24.600	25.740	-	-
	112	5560	19.107	19.118	-	-	26.680	27.160	-	-
	140	5700	19.097	19.123	-	-	22.290	22.860	-	-
	144	5720	14.614	14.600	-	-	16.410	16.940	-	-
802.11ax HE40	38	5190	37.521	37.618	-	-	42.170	40.650	-	-
	46	5230	37.656	37.666	-	-	41.640	41.140	-	-
	54	5270	37.618	37.609	-	-	41.160	41.440	-	-
	62	5310	37.620	37.606	-	-	42.360	42.910	-	-
	102	5510	37.733	37.714	-	-	41.280	42.800	-	-
	110	5550	37.653	37.654	-	-	43.390	42.290	-	-
	134	5670	37.669	37.690	-	-	41.550	42.110	-	-
	142	5710	33.699	33.680	-	-	35.370	35.310	-	-
802.11ax HE80	42	5210	76.837	76.867	-	-	85.020	84.040	-	-
	58	5290	76.793	76.814	-	-	85.420	84.250	-	-
	106	5530	76.776	76.786	-	-	84.510	84.040	-	-
	122	5610	76.825	76.745	-	-	84.480	83.350	-	-
	138	5690	72.903	73.053	-	-	75.960	77.050	-	-

Band III_6 dB & 99 % RF Bandwidth Measurement											
Mode	CH	Freq. (MHz)	99 % Bandwidth				6 dB Bandwidth				6dB Limit
			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	5.008	4.844	-	-	3077	3094.000	-	-	≥ 500 kHz
	149	5745	18.238	17.437	-	-	16300	16330.000	-	-	
	157	5785	18.277	17.518	-	-	16360	16320.000	-	-	
	165	5825	17.958	17.492	-	-	16310	16310.000	-	-	
802.11ac VHT20	144	5720	5.054	4.671	-	-	3716	3732	-	-	
	149	5745	18.944	18.077	-	-	15420	17270	-	-	
	157	5785	18.837	18.177	-	-	17590	17530	-	-	
	165	5825	18.932	18.156	-	-	17270	17570	-	-	
802.11ac VHT40	142	5710	3.776	3.686	-	-	3070	3086	-	-	
	151	5755	35.842	36.034	-	-	35070	35040	-	-	
	159	5795	35.886	36.117	-	-	33840	35070	-	-	
802.11ac VHT80	138	5690	4.277	4.207	-	-	3064	3080	-	-	
	155	5775	75.168	74.989	-	-	75110	75110	-	-	
802.11ax HE20	144	5720	4.656	4.643	-	-	4411	4425	-	-	
	149	5745	19.182	19.193	-	-	18440	18110	-	-	
	157	5785	19.168	19.186	-	-	18470	18480	-	-	
	165	5825	19.200	19.194	-	-	18550	18700	-	-	
802.11ax HE40	142	5710	4.088	4.215	-	-	3818	3857	-	-	
	151	5755	37.639	37.759	-	-	35120	35110	-	-	
	159	5795	37.776	37.799	-	-	35120	35110	-	-	
802.11ax HE80	138	5690	7.693	6.009	-	-	3660	3685	-	-	
	155	5775	76.686	76.546	-	-	75130	75120	-	-	

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		dBm/MHz	
802.11a	36	5180	-0.481	-0.069	-	-	1.607	4.347	11.000
	40	5200	-0.550	-0.041	-	-	1.607	4.329	11.000
	48	5240	-0.395	-0.205	-	-	1.607	4.318	11.000
	52	5260	0.191	0.677	-	-	1.607	5.058	11.000
	56	5280	0.335	0.072	-	-	1.607	4.823	11.000
	64	5320	-0.324	-0.077	-	-	1.607	4.419	11.000
	100	5500	-0.361	-0.994	-	-	1.607	3.951	11.000
	112	5560	-0.324	-1.284	-	-	1.607	3.840	11.000
	140	5700	-0.629	-0.089	-	-	1.607	4.267	11.000
	144	5720	-0.666	-0.533	-	-	1.607	4.018	11.000
802.11ac VHT20	36	5180	-0.639	-0.843	-	-	1.632	3.903	11.000
	40	5200	-0.747	-0.111	-	-	1.632	4.225	11.000
	48	5240	-0.998	-0.115	-	-	1.632	4.109	11.000
	52	5260	-1.026	-0.564	-	-	1.632	3.854	11.000
	56	5280	-0.852	-0.303	-	-	1.632	4.074	11.000
	64	5320	-1.174	0.202	-	-	1.632	4.211	11.000
	100	5500	-0.444	-1.019	-	-	1.632	3.920	11.000
	112	5560	-0.006	-0.960	-	-	1.632	4.186	11.000
	140	5700	-0.896	-0.138	-	-	1.632	4.142	11.000
	144	5720	-1.094	-0.257	-	-	1.632	3.987	11.000
802.11ac VHT40	38	5190	-4.215	-2.557	-	-	2.872	2.575	11.000
	46	5230	-4.146	-2.705	-	-	2.872	2.517	11.000
	54	5270	-3.963	-3.505	-	-	2.872	2.155	11.000
	62	5310	-5.208	-3.847	-	-	2.872	1.409	11.000
	102	5510	-3.460	-4.814	-	-	2.872	1.798	11.000
	110	5550	-4.147	-5.308	-	-	2.872	1.194	11.000
	134	5670	-5.071	-4.092	-	-	2.872	1.329	11.000
	142	5710	-4.292	-3.593	-	-	2.872	1.954	11.000
802.11ac VHT80	42	5210	-9.570	-7.954	-	-	4.494	-1.183	11.000
	58	5290	-8.530	-8.478	-	-	4.494	-1.000	11.000
	106	5530	-7.741	-9.031	-	-	4.494	-0.834	11.000
	122	5610	-7.558	-9.181	-	-	4.494	-0.790	11.000
	138	5690	-8.406	-7.935	-	-	4.494	-0.660	11.000

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

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		dBm/MHz	
802.11ax HE20	36	5180	-1.617	0.041	-	-	2.051	4.352	11.000
	40	5200	-1.035	-0.580	-	-	2.051	4.260	11.000
	48	5240	-1.450	-0.271	-	-	2.051	4.241	11.000
	52	5260	-0.979	-0.499	-	-	2.051	4.329	11.000
	56	5280	-1.284	-0.220	-	-	2.051	4.342	11.000
	64	5320	-0.701	-0.851	-	-	2.051	4.286	11.000
	100	5500	-0.996	-1.869	-	-	2.051	3.651	11.000
	112	5560	-1.404	-2.212	-	-	2.051	3.272	11.000
	140	5700	-1.329	-0.529	-	-	2.051	4.151	11.000
	144	5720	-0.842	-1.044	-	-	2.051	4.119	11.000
802.11ax HE40	38	5190	-1.719	-0.697	-	-	0.128	1.961	11.000
	46	5230	-1.580	-0.266	-	-	0.128	2.265	11.000
	54	5270	-1.643	-0.173	-	-	0.128	2.293	11.000
	62	5310	-1.797	-0.753	-	-	0.128	1.895	11.000
	102	5510	-10.683	-10.824	-	-	0.128	-7.614	11.000
	110	5550	-1.384	-1.362	-	-	0.128	1.766	11.000
	134	5670	-6.829	-5.795	-	-	0.128	-3.142	11.000
	142	5710	-1.629	-0.173	-	-	0.128	2.299	11.000
802.11ax HE80	42	5210	-5.635	-4.351	-	-	1.411	-0.524	11.000
	58	5290	-5.372	-4.000	-	-	1.411	-0.210	11.000
	106	5530	-4.608	-5.132	-	-	1.411	-0.441	11.000
	122	5610	-5.414	-4.971	-	-	1.411	-0.765	11.000
	138	5690	-5.415	-4.362	-	-	1.411	-0.435	11.000

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

Band III_ Power Spectral Density Measurement														
Mode	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	-11.147	-2.550	-10.277	-1.681	-	-	-	-	1.607	0.917	30.00	PASS
	149	5745	-8.974	-0.377	-8.458	0.139	-	-	-	-	1.607	2.899	30.00	PASS
	157	5785	-9.384	-0.788	-9.018	-0.421	-	-	-	-	1.607	2.410	30.00	PASS
	165	5825	-9.266	-0.669	-9.731	-1.134	-	-	-	-	1.607	2.115	30.00	PASS
802.11ac VHT20	144	5720	-11.620	-2.998	-10.790	-2.168	-	-	-	-	1.632	0.447	30.00	PASS
	149	5745	-9.723	-1.101	-8.410	0.212	-	-	-	-	1.632	2.615	30.00	PASS
	157	5785	-9.823	-1.201	-9.823	-1.201	-	-	-	-	1.632	1.810	30.00	PASS
	165	5825	-11.025	-2.403	-9.442	-0.820	-	-	-	-	1.632	1.471	30.00	PASS
802.11ac VHT40	142	5710	-17.947	-8.085	-16.517	-6.655	-	-	-	-	2.872	-4.301	30.00	PASS
	151	5755	-13.416	-3.554	-12.342	-2.480	-	-	-	-	2.872	0.026	30.00	PASS
	159	5795	-13.547	-3.685	-12.589	-2.727	-	-	-	-	2.872	-0.169	30.00	PASS
	138	5690	-21.030	-9.546	-20.533	-9.050	-	-	-	-	4.494	-6.281	30.00	PASS
802.11ac VHT80	155	5775	-16.727	-5.244	-16.553	-5.069	-	-	-	-	4.494	-2.145	30.00	PASS
	144	5720	-12.274	-3.233	-12.352	-3.311	-	-	-	-	2.051	-0.261	30.00	PASS
	149	5745	-11.166	-2.125	-11.050	-2.009	-	-	-	-	2.051	0.944	30.00	PASS
	157	5785	-10.887	-1.846	-10.370	-1.329	-	-	-	-	2.051	1.431	30.00	PASS
802.11ax HE20	165	5825	-11.975	-2.934	-10.802	-1.761	-	-	-	-	2.051	0.702	30.00	PASS
	142	5710	-11.409	-4.291	-9.960	-2.841	-	-	-	-	0.128	-0.496	30.00	PASS
	151	5755	-8.336	-1.218	-6.717	0.401	-	-	-	-	0.128	2.677	30.00	PASS
	159	5795	-8.356	-1.238	-7.388	-0.270	-	-	-	-	0.128	2.283	30.00	PASS
802.11ax HE80	138	5690	-15.201	-6.800	-13.936	-5.535	-	-	-	-	1.411	-3.111	30.00	PASS
	155	5775	-10.840	-2.439	-10.103	-1.702	-	-	-	-	1.411	0.955	30.00	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)