

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	30.000	30.000	100.000	0.000	0.010
802.11n HT20	5180	30.000	30.000	100.000	0.000	0.010
802.11n HT40	5190	30.000	30.000	100.000	0.000	0.010
802.11ac VHT20	5180	30.000	30.000	100.000	0.000	0.010
802.11ac VHT40	5190	30.000	30.000	100.000	0.000	0.010
802.11ac VHT80	5210	30.000	30.000	100.000	0.000	0.010
802.11ac VHT160	5250	30.000	30.000	100.000	0.000	0.010
802.11ax HE20	5180	30.000	30.000	100.000	0.000	0.010
802.11ax HE40	5190	30.000	30.000	100.000	0.000	0.010
802.11ax HE80	5210	30.000	30.000	100.000	0.000	0.010
802.11ax HE160	5250	30.000	30.000	100.000	0.000	0.010

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	14.5	14.5	-	-	QRCT4
	40	5200	14.5	14.5	-	-	
	48	5240	14	14	-	-	
	52	5260	13.5	13.5	-	-	
	56	5280	13.5	13.5	-	-	
	64	5320	13.5	13.5	-	-	
	100	5500	13	13	-	-	
	112	5560	12.5	12.5	-	-	
	140	5700	12.5	12.5	-	-	
	144	5720	12.5	12.5	-	-	
	149	5745	13	13	-	-	
	157	5785	13.5	13.5	-	-	
802.11n HT20	36	5180	14.5	14.5	-	-	QRCT4
	40	5200	14.5	14.5	-	-	
	48	5240	14	14	-	-	
	52	5260	13.5	13.5	-	-	
	56	5280	13.5	13.5	-	-	
	64	5320	13.5	13.5	-	-	
	100	5500	13	13	-	-	
	112	5560	13	13	-	-	
	140	5700	12.5	12.5	-	-	
	144	5720	12.5	12.5	-	-	
	149	5745	13	13	-	-	
	157	5785	13.5	13.5	-	-	
802.11n HT40	38	5190	14.5	14.5	-	-	QRCT4
	46	5230	14.5	14.5	-	-	
	54	5270	13.5	13.5	-	-	
	62	5310	13.5	13.5	-	-	
	102	5510	13	13	-	-	
	110	5550	13	13	-	-	
	134	5670	12.5	12.5	-	-	
	142	5710	12.5	12.5	-	-	
	151	5755	13.5	13.5	-	-	
159	5795	13.5	13.5	-	-		

802.11ac VHT20	36	5180	14.5	14.5	-	-	QRCT4
	40	5200	14.5	14.5	-	-	
	48	5240	14	14	-	-	
	52	5260	13.5	13.5	-	-	
	56	5280	13.5	13.5	-	-	
	64	5320	13.5	13.5	-	-	
	100	5500	13	13	-	-	
	112	5560	13	13	-	-	
	140	5700	12.5	12.5	-	-	
	144	5720	12.5	12.5	-	-	
	149	5745	13	13	-	-	
	157	5785	13.5	13.5	-	-	
802.11ac VHT40	38	5190	14.5	14.5	-	-	QRCT4
	46	5230	14.5	14.5	-	-	
	54	5270	13.5	13.5	-	-	
	62	5310	13.5	13.5	-	-	
	102	5510	13	13	-	-	
	110	5550	13	13	-	-	
	134	5670	12.5	12.5	-	-	
	142	5710	12.5	12.5	-	-	
	151	5755	13.5	13.5	-	-	
	159	5795	13.5	13.5	-	-	
802.11ac VHT80	42	5210	14.5	14.5	-	-	QRCT4
	58	5290	13.5	13.5	-	-	
	106	5530	13	13	-	-	
	122	5610	13	13	-	-	
	138	5690	12.5	12.5	-	-	
	155	5775	13.5	13.5	-	-	
802.11ac VHT160	50	5250	13.5	13.5	-	-	QRCT4
	114	5570	13	13	-	-	

802.11ax HE20	36	5180	14.5	14.5	-	-	QRCT4
	40	5200	14.5	14.5	-	-	
	48	5240	14	14	-	-	
	52	5260	13.5	13.5	-	-	
	56	5280	13.5	13.5	-	-	
	64	5320	13.5	13.5	-	-	
	100	5500	13	13	-	-	
	112	5560	13	13	-	-	
	140	5700	12.5	12.5	-	-	
	144	5720	12.5	12.5	-	-	
	149	5745	13	13	-	-	
	157	5785	13.5	13.5	-	-	
802.11ax HE40	38	5190	14.5	14.5	-	-	QRCT4
	46	5230	14.5	14.5	-	-	
	54	5270	13.5	13.5	-	-	
	62	5310	13.5	13.5	-	-	
	102	5510	13	13	-	-	
	110	5550	13	13	-	-	
	134	5670	12.5	12.5	-	-	
	142	5710	12.5	12.5	-	-	
	151	5755	13.5	13.5	-	-	
	159	5795	13.5	13.5	-	-	
802.11ax HE80	42	5210	14.5	14.5	-	-	QRCT4
	58	5290	13.5	13.5	-	-	
	106	5530	12.5	12.5	-	-	
	122	5610	13	13	-	-	
	138	5690	12.5	12.5	-	-	
	155	5775	13.5	13.5	-	-	
802.11ax HE160	50	5250	13.5	13.5	-	-	QRCT4
	114	5570	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	13.82	13.49	-	-	16.67	24.00
	40	5200	13.73	13.47	-	-	16.61	24.00
	48	5240	13.77	13.92	-	-	16.86	24.00
	52	5260	13.43	13.82	-	-	16.64	23.90
	56	5280	13.49	13.79	-	-	16.65	23.90
	64	5320	13.78	13.88	-	-	16.84	23.90
	100	5500	12.54	12.24	-	-	15.40	23.86
	112	5560	12.12	12.05	-	-	15.10	23.86
	140	5700	12.36	12.07	-	-	15.23	23.86
	144	5720	12.11	12.02	-	-	15.08	22.65
	149	5745	12.30	12.38	-	-	15.35	30.00
	157	5785	12.09	12.23	-	-	15.17	30.00
165	5825	12.15	12.27	-	-	15.22	30.00	
802.11n HT20	36	5180	13.22	12.97	-	-	16.11	24.00
	40	5200	13.16	12.98	-	-	16.08	24.00
	48	5240	13.39	13.38	-	-	16.40	24.00
	52	5260	13.03	13.19	-	-	16.12	24.00
	56	5280	13.05	13.09	-	-	16.08	24.00
	64	5320	13.17	13.30	-	-	16.25	24.00
	100	5500	11.96	11.69	-	-	14.84	24.00
	112	5560	11.78	11.93	-	-	14.87	24.00
	140	5700	11.91	11.57	-	-	14.75	24.00
	144	5720	11.73	11.61	-	-	14.68	22.84
	149	5745	11.76	11.90	-	-	14.84	30.00
	157	5785	11.52	11.60	-	-	14.57	30.00
165	5825	11.63	11.75	-	-	14.70	30.00	
802.11n HT40	38	5190	13.13	12.94	-	-	16.05	24.00
	46	5230	13.03	13.33	-	-	16.19	24.00
	54	5270	12.94	13.11	-	-	16.04	24.00
	62	5310	13.44	13.48	-	-	16.47	24.00
	102	5510	11.92	11.76	-	-	14.85	24.00
	110	5550	11.97	11.98	-	-	14.99	24.00
	134	5670	11.48	11.47	-	-	14.49	24.00
	142	5710	11.71	11.61	-	-	14.67	24.00
	151	5755	11.92	11.91	-	-	14.93	30.00
159	5795	11.61	11.71	-	-	14.67	30.00	

Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	
802.11ac VHT20	36	5180	13.41	13.14	-	-	16.29	24.00
	40	5200	13.38	13.19	-	-	16.30	24.00
	48	5240	13.59	13.60	-	-	16.61	24.00
	52	5260	13.16	13.33	-	-	16.26	24.00
	56	5280	13.23	13.31	-	-	16.28	24.00
	64	5320	13.35	13.47	-	-	16.42	24.00
	100	5500	12.13	11.90	-	-	15.03	24.00
	112	5560	11.90	12.07	-	-	15.00	24.00
	140	5700	12.03	11.73	-	-	14.89	24.00
	144	5720	11.85	11.73	-	-	14.80	22.84
	149	5745	11.89	12.07	-	-	14.99	30.00
	157	5785	11.69	11.82	-	-	14.77	30.00
165	5825	11.75	11.93	-	-	14.85	30.00	
802.11ac VHT40	38	5190	13.69	13.38	-	-	16.55	24.00
	46	5230	13.48	13.76	-	-	16.63	24.00
	54	5270	13.40	13.62	-	-	16.52	24.00
	62	5310	13.72	13.78	-	-	16.76	24.00
	102	5510	12.13	11.89	-	-	15.02	24.00
	110	5550	12.09	12.17	-	-	15.14	24.00
	134	5670	11.63	11.66	-	-	14.66	24.00
	142	5710	11.83	11.76	-	-	14.81	24.00
	151	5755	12.11	12.03	-	-	15.08	30.00
159	5795	11.72	11.87	-	-	14.81	30.00	
802.11ac VHT80	42	5210	13.69	13.66	-	-	16.69	24.00
	58	5290	13.42	13.68	-	-	16.56	24.00
	106	5530	11.94	12.39	-	-	15.18	24.00
	122	5610	11.92	12.18	-	-	15.06	24.00
	138	5690	12.30	12.04	-	-	15.18	24.00
	155	5775	12.38	12.30	-	-	15.35	30.00
802.11ac VHT160	50	5250	13.90	13.83	-	-	16.88	24.00
	114	5570	11.83	12.11	-	-	14.98	24.00

Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	
802.11ax HE20	36	5180	13.71	13.44	-	-	16.59	24.00
	40	5200	13.75	13.41	-	-	16.59	24.00
	48	5240	13.79	13.91	-	-	16.86	24.00
	52	5260	13.46	13.62	-	-	16.55	24.00
	56	5280	13.47	13.63	-	-	16.56	24.00
	64	5320	13.73	13.81	-	-	16.78	24.00
	100	5500	12.46	12.23	-	-	15.36	24.00
	112	5560	12.25	12.42	-	-	15.35	24.00
	140	5700	12.27	12.04	-	-	15.17	24.00
	144	5720	12.08	12.02	-	-	15.06	22.90
	149	5745	12.26	12.33	-	-	15.31	30.00
157	5785	11.98	12.09	-	-	15.05	30.00	
165	5825	12.11	12.23	-	-	15.18	30.00	
802.11ax HE40	38	5190	13.74	13.43	-	-	16.60	24.00
	46	5230	13.59	13.83	-	-	16.72	24.00
	54	5270	13.46	13.68	-	-	16.58	24.00
	62	5310	13.80	13.85	-	-	16.84	24.00
	102	5510	12.50	12.26	-	-	15.39	24.00
	110	5550	12.33	12.38	-	-	15.37	24.00
	134	5670	12.00	12.02	-	-	15.02	24.00
	142	5710	12.08	12.06	-	-	15.08	24.00
	151	5755	12.34	12.23	-	-	15.30	30.00
159	5795	12.10	12.19	-	-	15.16	30.00	
802.11ax HE80	42	5210	13.74	13.76	-	-	16.76	24.00
	58	5290	13.46	13.79	-	-	16.64	24.00
	106	5530	10.89	11.86	-	-	14.41	24.00
	122	5610	11.99	12.25	-	-	15.13	24.00
	138	5690	12.30	12.04	-	-	15.18	24.00
	155	5775	12.17	12.24	-	-	15.22	30.00
802.11ax HE160	50	5250	13.52	13.75	-	-	16.65	24.00
	114	5570	10.39	11.65	-	-	14.08	24.00

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	16.541	16.473	-	-	19.750	19.630	-	-
	40	5200	16.553	16.484	-	-	19.990	19.290	-	-
	48	5240	16.541	16.483	-	-	19.840	19.540	-	-
	52	5260	16.547	16.477	-	-	20.090	19.820	-	-
	56	5280	16.568	16.491	-	-	20.000	19.490	-	-
	64	5320	16.570	16.476	-	-	19.950	19.490	-	-
	100	5500	16.541	16.497	-	-	19.930	19.740	-	-
	112	5560	16.552	16.487	-	-	19.960	19.560	-	-
	140	5700	16.545	16.502	-	-	19.770	19.320	-	-
	144	5720	13.172	13.165	-	-	14.720	14.630	-	-
802.11ac VHT20	36	5180	17.727	17.688	-	-	21.010	20.670	-	-
	40	5200	17.711	17.680	-	-	20.880	20.750	-	-
	48	5240	17.686	17.690	-	-	20.990	20.750	-	-
	52	5260	17.662	17.693	-	-	20.920	20.500	-	-
	56	5280	17.679	17.682	-	-	20.740	20.660	-	-
	64	5320	17.703	17.669	-	-	20.750	20.870	-	-
	100	5500	17.704	17.687	-	-	20.880	20.590	-	-
	112	5560	17.693	17.703	-	-	20.630	20.830	-	-
	140	5700	17.686	17.710	-	-	20.880	20.920	-	-
	144	5720	13.774	13.769	-	-	15.370	15.260	-	-
802.11ac VHT40	38	5190	36.169	36.252	-	-	40.560	40.350	-	-
	46	5230	36.141	36.163	-	-	40.270	40.030	-	-
	54	5270	36.131	36.143	-	-	40.840	40.160	-	-
	62	5310	36.150	36.243	-	-	39.980	40.130	-	-
	102	5510	36.136	36.192	-	-	40.400	40.400	-	-
	110	5550	36.156	36.213	-	-	40.280	40.260	-	-
	134	5670	36.159	36.180	-	-	40.450	40.120	-	-
	142	5710	32.865	32.908	-	-	35.060	34.840	-	-
802.11ac VHT80	42	5210	75.509	75.592	-	-	82.760	82.480	-	-
	58	5290	75.602	75.644	-	-	83.740	82.430	-	-
	106	5530	75.590	75.607	-	-	83.440	82.980	-	-
	122	5610	75.598	75.558	-	-	83.310	82.980	-	-
	138	5690	72.315	72.300	-	-	76.390	76.180	-	-
802.11ac VHT160	50	5250	76.322	76.302	-	-	82.220	81.320	-	-
	50	5250	76.569	76.364	-	-	82.800	82.230	-	-
	114	5570	154.930	154.770	-	-	166.400	166.100	-	-

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	19.010	18.979	-	-	21.570	21.140	-	-
	40	5200	18.995	18.976	-	-	21.410	21.410	-	-
	48	5240	18.983	18.967	-	-	21.250	21.350	-	-
	52	5260	19.007	18.976	-	-	21.590	21.310	-	-
	56	5280	18.986	19.011	-	-	21.830	21.480	-	-
	64	5320	18.987	18.981	-	-	21.330	21.650	-	-
	100	5500	18.995	18.957	-	-	21.380	21.370	-	-
	112	5560	19.005	18.992	-	-	21.450	21.050	-	-
	140	5700	18.998	18.992	-	-	21.200	21.560	-	-
	144	5720	14.406	14.457	-	-	15.660	15.480	-	-
802.11ax HE40	38	5190	37.884	37.831	-	-	40.910	40.990	-	-
	46	5230	37.922	37.853	-	-	40.910	41.070	-	-
	54	5270	37.830	37.803	-	-	40.800	40.840	-	-
	62	5310	37.827	37.871	-	-	40.890	40.880	-	-
	102	5510	37.816	37.822	-	-	41.190	41.090	-	-
	110	5550	37.850	37.826	-	-	41.030	41.020	-	-
	134	5670	37.859	37.852	-	-	41.350	40.840	-	-
	142	5710	33.673	33.717	-	-	35.250	35.310	-	-
802.11ax HE80	42	5210	77.423	77.483	-	-	83.950	83.460	-	-
	58	5290	77.212	77.343	-	-	83.320	82.650	-	-
	106	5530	77.323	77.374	-	-	83.580	83.840	-	-
	122	5610	77.361	77.320	-	-	83.290	83.080	-	-
	138	5690	73.156	73.325	-	-	76.260	76.960	-	-
802.11ax HE160	50	5250	77.574	77.784	-	-	82.480	81.840	-	-
	50	5250	77.652	77.699	-	-	82.700	83.490	-	-
	114	5570	156.280	156.400	-	-	166.500	166.800	-	-

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	3.497	3.488	-	-	3178	3184.000	-	-	≥ 500 kHz
	149	5745	16.688	16.603	-	-	16350	16360.000	-	-	
	157	5785	16.703	16.591	-	-	16330	16350.000	-	-	
	165	5825	16.746	16.587	-	-	16340	16360.000	-	-	
802.11ac VHT20	144	5720	4.037	4.021	-	-	3807	3782	-	-	
	149	5745	17.859	17.775	-	-	17580	17550	-	-	
	157	5785	17.834	17.795	-	-	17590	17600	-	-	
	165	5825	17.822	17.804	-	-	17540	17330	-	-	
802.11ac VHT40	142	5710	3.495	3.489	-	-	3171	3179	-	-	
	151	5755	36.191	36.222	-	-	35720	36310	-	-	
	159	5795	36.232	36.257	-	-	36290	36080	-	-	
802.11ac VHT80	138	5690	4.050	3.947	-	-	3196	3179	-	-	
	155	5775	75.462	75.522	-	-	75700	75770	-	-	
802.11ax HE20	144	5720	4.638	4.615	-	-	4512	4518	-	-	
	149	5745	19.049	19.055	-	-	18810	18960	-	-	
	157	5785	19.043	19.058	-	-	18940	18830	-	-	
	165	5825	19.085	19.062	-	-	18920	18920	-	-	
802.11ax HE40	142	5710	4.173	4.201	-	-	4117	3975	-	-	
	151	5755	37.984	37.967	-	-	37770	37800	-	-	
	159	5795	37.961	37.939	-	-	37870	37800	-	-	
802.11ax HE80	138	5690	4.391	4.356	-	-	4082	4090	-	-	
	155	5775	77.345	77.294	-	-	77300	77560	-	-	

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	
802.11a	36	5180	1.637	1.184	-	-	0.000	4.427	11.000
	40	5200	1.834	1.407	-	-	0.000	4.636	11.000
	48	5240	2.161	2.182	-	-	0.000	5.182	11.000
	52	5260	2.321	2.452	-	-	0.000	5.397	11.000
	56	5280	2.250	2.446	-	-	0.000	5.359	11.000
	64	5320	2.522	2.623	-	-	0.000	5.583	11.000
	100	5500	1.094	0.722	-	-	0.000	3.922	11.000
	112	5560	0.625	0.590	-	-	0.000	3.618	11.000
	140	5700	0.838	0.607	-	-	0.000	3.734	11.000
802.11ac VHT20	36	5180	1.311	0.872	-	-	0.000	4.107	11.000
	40	5200	1.851	1.418	-	-	0.000	4.650	11.000
	48	5240	2.184	1.965	-	-	0.000	5.086	11.000
	52	5260	1.599	1.724	-	-	0.000	4.672	11.000
	56	5280	1.169	1.418	-	-	0.000	4.306	11.000
	64	5320	1.236	1.185	-	-	0.000	4.221	11.000
	100	5500	0.198	-0.167	-	-	0.000	3.030	11.000
	112	5560	0.677	0.593	-	-	0.000	3.646	11.000
	140	5700	0.405	0.014	-	-	0.000	3.224	11.000
802.11ac VHT40	38	5190	-1.222	-1.803	-	-	0.000	1.508	11.000
	46	5230	-1.171	-0.724	-	-	0.000	2.069	11.000
	54	5270	-1.313	-0.989	-	-	0.000	1.862	11.000
	62	5310	-1.410	-1.402	-	-	0.000	1.604	11.000
	102	5510	-2.679	-2.756	-	-	0.000	0.293	11.000
	110	5550	-2.490	-2.456	-	-	0.000	0.537	11.000
	134	5670	-3.300	-3.076	-	-	0.000	-0.176	11.000
	142	5710	-2.752	-2.770	-	-	0.000	0.249	11.000
802.11ac VHT80	42	5210	-3.961	-4.156	-	-	0.000	-1.047	11.000
	58	5290	-5.205	-4.614	-	-	0.000	-1.889	11.000
	106	5530	-7.263	-6.034	-	-	0.000	-3.595	11.000
	122	5610	-6.718	-6.223	-	-	0.000	-3.453	11.000
	138	5690	-5.972	-6.246	-	-	0.000	-3.097	11.000
802.11ac VHT160	50	5250	-7.722	-7.179	-	-	0.000	-4.432	11.000
	50	5250	-7.668	-7.140	-	-	0.000	-4.386	11.000
	114	5570	-10.410	-9.071	-	-	0.000	-6.679	11.000
802.11ax HE20	36	5180	1.295	0.818	-	-	0.000	4.073	11.000
	40	5200	1.266	1.390	-	-	0.000	4.339	11.000
	48	5240	1.301	1.813	-	-	0.000	4.575	11.000
	52	5260	1.651	1.889	-	-	0.000	4.782	11.000
	56	5280	1.492	1.987	-	-	0.000	4.757	11.000
	64	5320	1.874	2.221	-	-	0.000	5.061	11.000
	100	5500	0.653	0.202	-	-	0.000	3.444	11.000
	112	5560	0.495	0.805	-	-	0.000	3.663	11.000
	140	5700	0.182	0.173	-	-	0.000	3.188	11.000
802.11ax HE40	38	5190	-1.666	-2.064	-	-	0.000	1.150	11.000
	46	5230	-1.647	-1.678	-	-	0.000	1.348	11.000
	54	5270	-1.025	-0.854	-	-	0.000	2.072	11.000
	62	5310	-0.802	-0.603	-	-	0.000	2.309	11.000
	102	5510	-2.482	-2.598	-	-	0.000	0.471	11.000
	110	5550	-2.420	-2.463	-	-	0.000	0.569	11.000
	134	5670	-2.896	-2.812	-	-	0.000	0.157	11.000
	142	5710	-2.861	-2.730	-	-	0.000	0.215	11.000
802.11ax HE80	42	5210	-4.622	-4.902	-	-	0.000	-1.749	11.000
	58	5290	-4.148	-3.833	-	-	0.000	-0.977	11.000
	106	5530	-7.461	-6.388	-	-	0.000	-3.881	11.000
	122	5610	-5.720	-5.575	-	-	0.000	-2.637	11.000
	138	5690	-5.634	-5.912	-	-	0.000	-2.760	11.000
802.11ax HE160	50	5250	-8.326	-7.854	-	-	0.000	-5.073	11.000
	50	5250	-7.360	-7.373	-	-	0.000	-4.356	11.000
	114	5570	-10.865	-9.606	-	-	0.000	-7.180	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					
			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	-9.006	-2.016	-8.921	-1.931	-	-	-	-	0.000	1.037	30.00	PASS
	149	5745	-8.381	-1.391	-7.821	-0.831	-	-	-	-	0.000	1.908	30.00	PASS
	157	5785	-8.461	-1.471	-8.141	-1.151	-	-	-	-	0.000	1.702	30.00	PASS
802.11ac VHT20	165	5825	-8.253	-1.263	-8.218	-1.228	-	-	-	-	0.000	1.765	30.00	PASS
	144	5720	-9.663	-2.673	-9.501	-2.511	-	-	-	-	0.000	0.419	30.00	PASS
	149	5745	-9.220	-2.230	-8.733	-1.743	-	-	-	-	0.000	1.030	30.00	PASS
802.11ac VHT40	157	5785	-9.746	-2.756	-9.581	-2.591	-	-	-	-	0.000	0.337	30.00	PASS
	165	5825	-9.515	-2.525	-9.063	-2.073	-	-	-	-	0.000	0.717	30.00	PASS
	142	5710	-13.069	-6.079	-12.832	-5.842	-	-	-	-	0.000	-2.949	30.00	PASS
802.11ac VHT80	151	5755	-11.851	-4.861	-11.943	-4.953	-	-	-	-	0.000	-1.897	30.00	PASS
	159	5795	-12.340	-5.350	-12.273	-5.283	-	-	-	-	0.000	-2.306	30.00	PASS
	138	5690	-15.976	-8.986	-16.740	-9.750	-	-	-	-	0.000	-6.341	30.00	PASS
802.11ax HE20	155	5775	-15.731	-8.741	-15.735	-8.745	-	-	-	-	0.000	-5.733	30.00	PASS
	144	5720	-10.300	-3.310	-10.017	-3.027	-	-	-	-	0.000	-0.156	30.00	PASS
	149	5745	-9.721	-2.731	-9.721	-2.731	-	-	-	-	0.000	0.279	30.00	PASS
802.11ax HE40	157	5785	-9.996	-3.006	-9.690	-2.700	-	-	-	-	0.000	0.160	30.00	PASS
	165	5825	-9.695	-2.705	-9.706	-2.716	-	-	-	-	0.000	0.300	30.00	PASS
	142	5710	-13.807	-6.817	-13.831	-6.841	-	-	-	-	0.000	-3.819	30.00	PASS
802.11ax HE80	151	5755	-12.476	-5.486	-12.565	-5.575	-	-	-	-	0.000	-2.520	30.00	PASS
	159	5795	-12.759	-5.769	-12.779	-5.789	-	-	-	-	0.000	-2.769	30.00	PASS
	138	5690	-16.832	-9.842	-17.528	-10.538	-	-	-	-	0.000	-7.166	30.00	PASS
802.11ax HE80	155	5775	-16.103	-9.113	-15.684	-8.694	-	-	-	-	0.000	-5.888	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)