Appendix A. Test Data

Duty cycle						
Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimun VBW (kHz)
802.11a	5180	2.106	2.112	99.716	0.012	0.010
802.11n HT20	5180	10.000	10.000	100.000	0.000	0.010
802.11n HT40	5190	10.000	10.000	100.000	0.000	0.010
802.11ac VHT80	5210	10.000	10.000	100.000	0.000	0.010
802.11ac VHT160	5250	10.000	10.000	100.000	0.000	0.010
802.11ax HE20	5180	10.000	10.000	100.000	0.000	0.010
802.11ax HE40	5190	10.000	10.000	100.000	0.000	0.010
802.11ax HE80	5210	10.000	10.000	100.000	0.000	0.010
802.11ax HE160	5250	10.000	10.000	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	12	12	-	-	QRCT4
	40	5200	12	12	-	-	
	48	5240	12.5	12.5	-	-	
	52	5260	12	12	-	-	
	56	5280	12.5	12.5	-	-	
	64	5320	13.5	13.5	-	-	
	100	5500	10.5	10.5	-	-	
	112	5560	10.5	10.5	-	-	
	140	5700	10.5	10.5	-	-	
	149	5745	14.5	14.5	-	-	
	157	5785	14.5	14.5	-	-	
	165	5825	14.5	14.5	-	-	
802.11n HT20	36	5180	12	12	-	-	QRCT4
	40	5200	12.5	12.5	-	-	
	48	5240	12.5	12.5	-	-	
	52	5260	12.5	12.5	-	-	
	56	5280	13	13	-	-	
	64	5320	13.5	13.5	-	-	
	100	5500	10.5	10.5	-	-	
	112	5560	10.5	10.5	-	-	
	140	5700	10.5	10.5	-	-	
	149	5745	14.5	14.5	-	-	
	157	5785	14.5	14.5	-	-	
	165	5825	14.5	14.5	-	-	
802.11n HT40	38	5190	12.5	12.5	-	-	QRCT4
	46	5230	13	13	-	-	
	54	5270	13	13	-	-	
	62	5310	14	14	-	-	
	102	5510	10.5	10.5	-	-	
	110	5550	10.5	10.5	-	-	
	134	5670	10.5	10.5	-	-	
	151	5755	14	14	-	-	
	159	5795	14	14	-	-	

Mode	CH	Frequency (MHz)	Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11ac VHT20	36	5180	12	12	-	-	QRCT4
	40	5200	12.5	12.5	-	-	
	48	5240	12.5	12.5	-	-	
	52	5260	12.5	12.5	-	-	
	56	5280	13	13	-	-	
	64	5320	13.5	13.5	-	-	
	100	5500	10.5	10.5	-	-	
	112	5560	10.5	10.5	-	-	
	140	5700	10.5	10.5	-	-	
	149	5745	14.5	14.5	-	-	
	157	5785	14.5	14.5	-	-	
	165	5825	14.5	14.5	-	-	
802.11ac VHT40	38	5190	12.5	12.5	-	-	QRCT4
	46	5230	13	13	-	-	
	54	5270	13	13	-	-	
	62	5310	14	14	-	-	
	102	5510	10.5	10.5	-	-	
	110	5550	10.5	10.5	-	-	
	134	5670	10.5	10.5	-	-	
	151	5755	14	14	-	-	
	159	5795	14	14	-	-	
802.11ac VHT80	42	5210	12.5	12.5	-	-	QRCT4
	58	5290	13	13	-	-	
	106	5530	10.5	10.5	-	-	
	122	5610	10.5	10.5	-	-	
	155	5775	14.5	14.5	-	-	
802.11ac VHT160	50	5250	14	14	-	-	QRCT4
	50	5250	14	14	-	-	
	114	5570	14.5	14.5	-	-	

Mode	CH	Frequency (MHz)		Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11ax HE20	36	5180	Full	12	12	-	-	QRCT4
	40	5200	Full	12.5	12.5	-	-	
	48	5240	Full	12.5	12.5	-	-	
	52	5260	Full	12.5	12.5	-	-	
	56	5280	Full	13	13	-	-	
	64	5320	Full	13.5	13.5	-	-	
	100	5500	Full	10.5	10.5	-	-	
	112	5560	Full	10.5	10.5	-	-	
	140	5700	Full	10.5	10.5	-	-	
	149	5745	Full	14.5	14.5	-	-	
	157	5785	Full	14.5	14.5	-	-	
	165	5825	Full	14.5	14.5	-	-	
802.11ax HE40	38	5190	Full	12.5	12.5	-	-	QRCT4
	46	5230	Full	13	13	-	-	
	54	5270	Full	13	13	-	-	
	62	5310	Full	14	14	-	-	
	102	5510	Full	10.5	10.5	-	-	
	110	5550	Full	10.5	10.5	-	-	
	134	5670	Full	10.5	10.5	-	-	
	151	5755	Full	14.5	14.5	-	-	
	159	5795	Full	14.5	14.5	-	-	
802.11ax HE80	42	5210	Full	12.5	12.5	-	-	QRCT4
	58	5290	Full	13	13	-	-	
	106	5530	Full	10.5	10.5	-	-	
	122	5610	Full	10.5	10.5	-	-	
	155	5775	Full	14.5	14.5	-	-	
802.11ax HE160	50	5250	Full	14	14	-	-	QRCT4
	50	5250	Full	14	14	-	-	
	114	5570	Full	10.5	10.5	-	-	

Maximum Conducted Output Power Measurement									
Mode	Date Rate or Sub-test	CH	Frequency (MHz)	Average power					Limit
				Ant-0	Ant-1	Ant-2	Ant-3	Total	
				dBm	dBm	dBm	dBm	dBm	dBm
802.11a	6M	36	5180	10.98	11.44	-	-	14.23	24.00
		40	5200	10.95	11.48	-	-	14.23	24.00
		48	5240	10.72	11.47	-	-	14.12	24.00
		52	5260	11.36	11.34	-	-	14.36	23.87
		56	5280	11.28	11.43	-	-	14.37	23.87
		64	5320	11.23	11.48	-	-	14.37	23.87
		100	5500	7.64	9.32	-	-	11.57	23.83
		112	5560	7.70	9.50	-	-	11.70	23.83
		140	5700	7.64	9.37	-	-	11.60	23.83
		149	5745	12.04	11.70	-	-	14.88	30.00
		157	5785	11.96	11.79	-	-	14.89	30.00
		165	5825	11.93	11.74	-	-	14.85	30.00
802.11n HT20	13M	36	5180	10.97	11.48	-	-	14.24	24.00
		40	5200	11.25	11.39	-	-	14.33	24.00
		48	5240	11.08	11.28	-	-	14.19	24.00
		52	5260	11.23	11.34	-	-	14.30	24.00
		56	5280	11.35	11.43	-	-	14.40	24.00
		64	5320	11.36	11.29	-	-	14.34	24.00
		100	5500	7.62	9.31	-	-	11.56	24.00
		112	5560	7.69	9.38	-	-	11.63	24.00
		140	5700	7.66	9.37	-	-	11.61	24.00
		149	5745	11.96	11.84	-	-	14.91	30.00
		157	5785	11.95	11.90	-	-	14.94	30.00
		165	5825	11.97	11.90	-	-	14.95	30.00
802.11n HT40	27M	38	5190	10.93	11.39	-	-	14.18	24.00
		46	5230	11.22	11.36	-	-	14.30	24.00
		54	5270	11.22	11.32	-	-	14.28	24.00
		62	5310	11.33	11.24	-	-	14.30	24.00
		102	5510	7.64	9.44	-	-	11.64	24.00
		110	5550	7.57	9.35	-	-	11.56	24.00
		134	5670	7.99	9.31	-	-	11.71	24.00
		151	5755	12.14	11.93	-	-	15.05	30.00
		159	5795	12.06	11.85	-	-	14.97	30.00

Mode	Date Rate or Sub-test	CH	Frequency (MHz)	Average power					Limit
				Ant-0	Ant-1	Ant-2	Ant-3	Total	
				dBm	dBm	dBm	dBm	dBm	dBm
802.11ac VHT20	13M	36	5180	11.01	11.24	-	-	14.14	24.00
		40	5200	11.11	11.49	-	-	14.31	24.00
		48	5240	10.89	11.37	-	-	14.15	24.00
		52	5260	11.28	11.29	-	-	14.30	24.00
		56	5280	11.38	11.40	-	-	14.40	24.00
		64	5320	11.27	11.39	-	-	14.34	24.00
		100	5500	7.55	9.21	-	-	11.47	24.00
		112	5560	7.62	9.23	-	-	11.51	24.00
		140	5700	7.59	9.41	-	-	11.60	24.00
		149	5745	12.07	11.70	-	-	14.90	30.00
		157	5785	11.92	11.92	-	-	14.93	30.00
		165	5825	11.93	11.77	-	-	14.86	30.00
802.11ac VHT40	27M	38	5190	10.83	11.49	-	-	14.18	24.00
		46	5230	11.12	11.44	-	-	14.29	24.00
		54	5270	11.32	11.22	-	-	14.28	24.00
		62	5310	11.20	11.38	-	-	14.30	24.00
		102	5510	7.69	9.26	-	-	11.56	24.00
		110	5550	7.64	9.24	-	-	11.52	24.00
		134	5670	7.69	9.45	-	-	11.67	24.00
		151	5755	12.09	11.94	-	-	15.03	30.00
		159	5795	11.95	11.86	-	-	14.92	30.00
802.11ac VHT80	58.6M	42	5210	11.22	11.71	-	-	14.48	24.00
		58	5290	11.35	11.24	-	-	14.31	24.00
		106	5530	7.75	9.66	-	-	11.82	24.00
		122	5610	7.93	8.66	-	-	11.32	24.00
		155	5775	12.35	12.11	-	-	15.24	30.00
802.11ac VHT160	117M	50	5250	8.66	8.91	-	-	11.80	24.00
		50	5250	8.66	8.91	-	-	11.80	24.00
		114	5570	12.17	12.23	-	-	15.21	24.00

Mode	Date Rate or Sub-test	CH	Freq. (MHz)	RU	Average power					Limit
					Ant-0	Ant-1	Ant-2	Ant-3	Total	
					dBm	dBm	dBm	dBm	dBm	dBm
802.11ax HE20	MCS 0	36	5180	Full	10.76	11.42	-	-	14.11	24.00
		40	5200	Full	10.85	11.42	-	-	14.15	24.00
		48	5240	Full	11.01	11.46	-	-	14.25	24.00
		52	5260	Full	11.23	11.22	-	-	14.24	24.00
		56	5280	Full	11.32	11.50	-	-	14.42	24.00
		64	5320	Full	11.35	11.34	-	-	14.36	24.00
		100	5500	Full	7.70	9.27	-	-	11.57	24.00
		112	5560	Full	7.56	9.31	-	-	11.53	24.00
		140	5700	Full	7.60	9.27	-	-	11.53	24.00
		149	5745	Full	12.09	11.78	-	-	14.95	30.00
		157	5785	Full	12.07	11.82	-	-	14.96	30.00
		165	5825	Full	12.03	11.79	-	-	14.92	30.00
802.11ax HE40	MCS0	38	5190	Full	11.16	11.31	-	-	14.25	24.00
		46	5230	Full	10.81	11.30	-	-	14.07	24.00
		54	5270	Full	11.22	11.22	-	-	14.23	24.00
		62	5310	Full	11.20	11.41	-	-	14.32	24.00
		102	5510	Full	7.66	9.34	-	-	11.59	24.00
		110	5550	Full	7.50	9.45	-	-	11.59	24.00
		134	5670	Full	7.54	9.35	-	-	11.55	24.00
		151	5755	Full	12.06	11.91	-	-	15.00	30.00
		159	5795	Full	12.04	11.77	-	-	14.92	30.00
802.11ax HE80	MCS 0	42	5210	Full	10.84	11.34	-	-	14.11	24.00
		58	5290	Full	11.22	11.37	-	-	14.31	24.00
		106	5530	Full	7.55	9.34	-	-	11.55	24.00
		122	5610	Full	7.95	8.64	-	-	11.32	24.00
		155	5775	Full	11.92	11.74	-	-	14.84	30.00
802.11ax HE160	MCS 0	50	5250	Full	8.37	8.23	-	-	11.31	24.00
		50	5250	Full	8.37	8.23	-	-	11.31	24.00
		114	5570	Full	12.23	12.20	-	-	15.23	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	16.506	16.467	-	-	19.520	19.570	-	-
	40	5200	16.524	16.462	-	-	19.620	19.370	-	-
	48	5240	16.488	16.460	-	-	19.660	19.340	-	-
	52	5260	16.519	16.467	-	-	19.670	19.450	-	-
	56	5280	16.512	16.467	-	-	20.080	19.370	-	-
	64	5320	16.557	16.472	-	-	19.760	19.480	-	-
	100	5500	16.540	16.480	-	-	19.830	19.400	-	-
	112	5560	16.527	16.464	-	-	19.900	19.640	-	-
	140	5700	16.545	16.476	-	-	19.890	19.170	-	-
802.11n HT20	36	5180	17.646	17.606	-	-	20.530	20.500	-	-
	40	5200	17.633	17.619	-	-	20.610	20.300	-	-
	48	5240	17.618	17.630	-	-	20.620	20.630	-	-
	52	5260	17.639	17.625	-	-	21.000	20.460	-	-
	56	5280	17.641	17.628	-	-	20.870	20.320	-	-
	64	5320	17.667	17.628	-	-	20.980	20.510	-	-
	100	5500	17.619	17.598	-	-	20.430	20.670	-	-
	112	5560	17.605	17.623	-	-	20.380	20.400	-	-
	140	5700	17.663	17.650	-	-	20.990	20.400	-	-
802.11n HT40	38	5190	36.065	36.097	-	-	40.180	40.220	-	-
	46	5230	36.069	36.133	-	-	40.450	39.910	-	-
	54	5270	36.083	36.064	-	-	40.430	39.990	-	-
	62	5310	36.170	36.183	-	-	40.690	40.330	-	-
	102	5510	36.068	36.087	-	-	40.190	39.980	-	-
	110	5550	36.132	36.103	-	-	40.050	40.170	-	-
	134	5670	36.083	36.086	-	-	39.980	39.940	-	-
802.11ac VHT80	42	5210	75.379	75.298	-	-	82.770	81.800	-	-
	58	5290	75.532	75.559	-	-	82.770	82.270	-	-
	106	5530	75.753	75.709	-	-	83.530	83.020	-	-
	122	5610	75.311	75.361	-	-	82.780	82.520	-	-
802.11ac VHT160	50	5250	76.373	76.288	-	-	81.990	81.020	-	-
	50	5250	76.628	76.518	-	-	81.820	81.770	-	-
	114	5570	154.466	154.343	-	-	165.690	165.300	-	-

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	18.929	18.931	-	-	21.270	21.350	-	-
	40	5200	18.954	18.904	-	-	20.930	21.160	-	-
	48	5240	18.927	18.922	-	-	21.030	21.310	-	-
	52	5260	18.942	18.913	-	-	21.220	21.290	-	-
	56	5280	18.927	18.918	-	-	21.180	21.150	-	-
	64	5320	18.973	18.919	-	-	21.310	21.240	-	-
	100	5500	18.897	18.932	-	-	21.450	21.190	-	-
	112	5560	18.912	18.909	-	-	21.280	20.990	-	-
	140	5700	18.944	18.914	-	-	21.580	21.290	-	-
802.11ax HE40	38	5190	37.739	37.755	-	-	40.630	40.910	-	-
	46	5230	37.704	37.669	-	-	41.030	40.560	-	-
	54	5270	37.779	37.763	-	-	41.090	40.720	-	-
	62	5310	37.815	37.773	-	-	41.020	41.100	-	-
	102	5510	37.727	37.764	-	-	40.730	40.630	-	-
	110	5550	37.747	37.740	-	-	40.770	41.040	-	-
	134	5670	37.692	37.664	-	-	40.800	40.640	-	-
802.11ax HE80	42	5210	77.234	77.279	-	-	82.810	82.600	-	-
	58	5290	77.448	77.220	-	-	82.900	83.140	-	-
	106	5530	77.342	77.345	-	-	83.920	83.030	-	-
	122	5610	77.274	77.196	-	-	82.810	83.220	-	-
802.11ax HE160	50	5250	77.913	77.916	-	-	82.400	82.050	-	-
	50	5250	77.706	77.686	-	-	82.660	82.120	-	-
	114	5570	156.065	156.060	-	-	166.580	164.920	-	-

Band III_6 dB & 99 % RF Bandwidth Measurement											
Mode	CH	Freq. (MHz)	99 % Bandwidth				6 dB Bandwidth				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	kHz
802.11a	149	5745	16.642	16.587	-	-	16.340	16.330	-	-	≧ 500 kHz
	157	5785	16.664	16.552	-	-	16.290	16.340	-	-	
	165	5825	16.660	16.575	-	-	16.310	16.340	-	-	
802.11n HT20	149	5745	17.758	17.738	-	-	16.960	17.150	-	-	
	157	5785	17.765	17.759	-	-	17.310	16.920	-	-	
	165	5825	17.740	17.739	-	-	17.050	17.540	-	-	
802.11n HT40	151	5755	36.087	36.144	-	-	35.300	34.680	-	-	
	159	5795	36.063	36.145	-	-	35.400	35.330	-	-	
802.11ac VHT80	155	5775	75.209	75.282	-	-	74.100	75.050	-	-	
802.11ax HE20	149	5745	18.997	18.995	-	-	18.800	18.800	-	-	
	157	5785	19.008	18.956	-	-	18.790	18.330	-	-	
	165	5825	19.007	18.967	-	-	18.860	18.440	-	-	
802.11ax HE40	151	5755	37.864	37.774	-	-	37.350	37.450	-	-	
	159	5795	37.819	37.796	-	-	37.030	37.700	-	-	
802.11ax HE80	155	5775	77.081	77.151	-	-	76.940	75.970	-	-	

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	-0.458	0.043	-	-	0.012	2.822	11.000
	40	5200	-0.616	0.095	-	-	0.012	2.777	11.000
	48	5240	1.046	1.025	-	-	0.012	4.058	11.000
	52	5260	0.660	0.367	-	-	0.012	3.538	11.000
	56	5280	0.580	0.338	-	-	0.012	3.483	11.000
	64	5320	-0.507	-1.345	-	-	0.012	2.117	11.000
	100	5500	-2.320	-1.287	-	-	0.012	1.250	11.000
	112	5560	-2.330	-1.371	-	-	0.012	1.199	11.000
	140	5700	-2.508	-2.684	-	-	0.012	0.428	11.000
802.11n HT20	36	5180	-0.781	-0.283	-	-	0.000	2.485	-
	40	5200	-0.854	0.391	-	-	0.000	2.823	-
	48	5240	0.787	0.712	-	-	0.000	3.760	-
	52	5260	1.075	0.771	-	-	0.000	3.936	-
	56	5280	0.213	0.190	-	-	0.000	3.212	-
	64	5320	-0.813	-1.640	-	-	0.000	1.804	-
	100	5500	-2.399	-1.781	-	-	0.000	0.931	-
	112	5560	-2.537	-1.853	-	-	0.000	0.829	-
	140	5700	-2.883	-3.645	-	-	0.000	-0.237	-
802.11n HT40	38	5190	-3.199	-2.380	-	-	0.000	0.240	-
	46	5230	-2.073	-1.544	-	-	0.000	1.210	-
	54	5270	-1.646	-1.981	-	-	0.000	1.200	-
	62	5310	-3.404	-3.644	-	-	0.000	-0.512	-
	102	5510	-5.467	-4.409	-	-	0.000	-1.896	-
	110	5550	-5.696	-4.585	-	-	0.000	-2.095	-
	134	5670	-5.527	-6.182	-	-	0.000	-2.832	-
802.11ac VHT80	42	5210	-5.788	-5.289	-	-	0.000	-2.521	-
	58	5290	-5.741	-6.086	-	-	0.000	-2.900	-
	106	5530	-8.949	-7.795	-	-	0.000	-5.323	-
	122	5610	-8.496	-8.647	-	-	0.000	-5.561	-
802.11ac VHT160	50	5250	-7.121	-7.200	-	-	0.000	-4.150	-
	50	5250	-7.081	-7.585	-	-	0.000	-4.316	-
	114	5570	-10.903	-10.584	-	-	0.000	-7.730	-

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	dB	dBm/MHz	dBm/MHz
802.11ax HE20	36	5180	-0.836	-0.099	-	-	0.000	2.559	11.000
	40	5200	-0.672	-0.032	-	-	0.000	2.670	11.000
	48	5240	0.592	0.614	-	-	0.000	3.613	11.000
	52	5260	0.697	0.834	-	-	0.000	3.776	11.000
	56	5280	0.166	0.134	-	-	0.000	3.161	11.000
	64	5320	-0.857	-1.624	-	-	0.000	1.787	11.000
	100	5500	-2.974	-1.694	-	-	0.000	0.723	11.000
	112	5560	-2.664	-1.769	-	-	0.000	0.817	11.000
	140	5700	-2.876	-3.618	-	-	0.000	-0.221	11.000
802.11ax HE40	38	5190	-3.430	-2.776	-	-	0.000	-0.080	11.000
	46	5230	-2.429	-2.075	-	-	0.000	0.762	11.000
	54	5270	-1.956	-2.156	-	-	0.000	0.955	11.000
	62	5310	-2.556	-3.293	-	-	0.000	0.102	11.000
	102	5510	-5.680	-4.623	-	-	0.000	-2.109	11.000
	110	5550	-6.067	-4.753	-	-	0.000	-2.350	11.000
	134	5670	-6.174	-6.335	-	-	0.000	-3.243	11.000
802.11ax HE80	42	5210	-6.164	-5.995	-	-	0.000	-3.069	11.000
	58	5290	-5.886	-6.122	-	-	0.000	-2.992	11.000
	106	5530	-9.099	-8.087	-	-	0.000	-5.553	11.000
	122	5610	-8.527	-8.293	-	-	0.000	-5.398	11.000
802.11ax HE160	50	5250	-7.894	-8.087	-	-	0.000	-4.979	11.000
	50	5250	-8.038	-7.738	-	-	0.000	-4.875	11.000
	114	5570	-11.411	-10.399	-	-	0.000	-7.865	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	dBm/500 kHz	
802.11a	149	5745	-7.993	-0.991	-8.566	-1.564	-	-	-	-	0.012	1.742	30.00	PASS
	157	5785	-7.099	-0.097	-7.950	-0.948	-	-	-	-	0.012	2.509	30.00	PASS
	165	5825	-7.382	-0.380	-7.797	-0.795	-	-	-	-	0.012	2.428	30.00	PASS
802.11n HT20	149	5745	-8.314	-1.324	-9.037	-2.047	-	-	-	-	0.000	1.340	30.00	PASS
	157	5785	-7.458	-0.469	-8.254	-1.264	-	-	-	-	0.000	2.162	30.00	PASS
	165	5825	-8.162	-1.172	-8.169	-1.179	-	-	-	-	0.000	1.834	30.00	PASS
802.11n HT40	151	5755	-11.408	-4.418	-12.154	-5.165	-	-	-	-	0.000	-1.765	30.00	PASS
	159	5795	-11.143	-4.154	-11.643	-4.653	-	-	-	-	0.000	-1.386	30.00	PASS
802.11ac VHT80	155	5775	-14.083	-7.094	-14.450	-7.460	-	-	-	-	0.000	-4.263	30.00	PASS
802.11ax HE20	149	5745	-9.357	-2.368	-9.867	-2.877	-	-	-	-	0.000	0.395	30.00	PASS
	157	5785	-8.576	-1.586	-9.028	-2.038	-	-	-	-	0.000	1.204	30.00	PASS
	165	5825	-9.045	-2.055	-9.401	-2.411	-	-	-	-	0.000	0.781	30.00	PASS
802.11ax HE40	151	5755	-12.003	-5.013	-12.954	-5.964	-	-	-	-	0.000	-2.453	30.00	PASS
	159	5795	-12.208	-5.218	-13.185	-6.195	-	-	-	-	0.000	-2.669	30.00	PASS
802.11ax HE80	155	5775	-15.227	-8.238	-15.781	-8.791	-	-	-	-	0.000	-5.495	30.00	PASS

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