▣ Sum Data of Internal Ant and External Ant

▣ TEST RESULTS

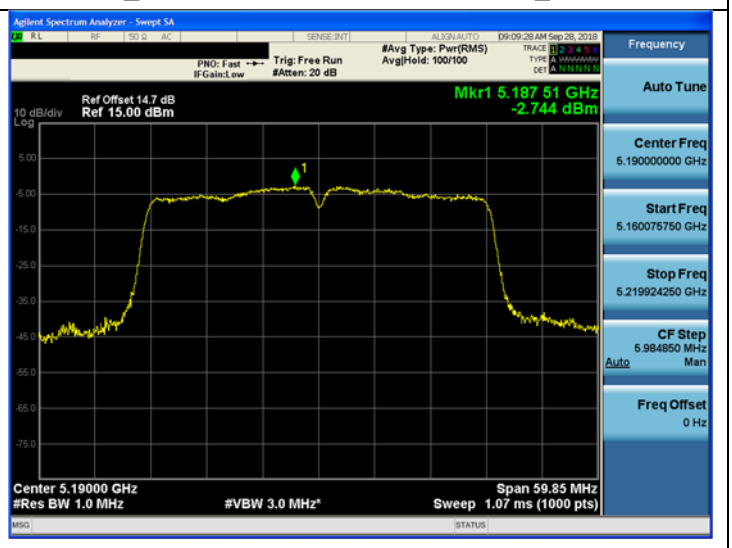
Conducted Power Density Measurements

Mode	Frequency [MHz]	Channel No.	Duty Cycle Factor (dB)	Measured Power [dBm]			Result (dBm)	Limit (dBm)
				Internal Antenna	External Antenna	Sum		
802.11ac (VHT40)	5190	38	0.797	-7.665	-9.750	-5.57	-4.78	11.00
	5230	46	0.797	-7.886	-9.221	-5.49	-4.70	11.00
	5270	54	0.797	-7.912	-8.275	-5.08	-4.28	11.00
	5310	62	0.797	-7.562	-7.673	-4.61	-3.81	11.00

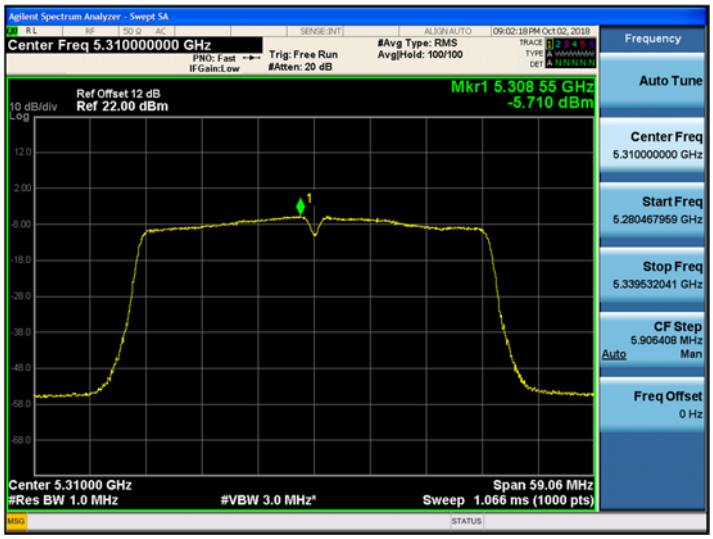
▣ TEST Plot for 802.11ac_VHT40

802.11ac_VHT40 UNII 1 BAND PSD CH 46_Internal Ant

802.11ac_VHT40 UNII 1 BAND PSD CH 38_External Ant



802.11ac_VHT40 UNII 2A BAND PSD CH 62_Internal Ant



802.11ac_VHT40 UNII 2A BAND PSD CH 54_External Ant

Internal Ant

▣ TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor (dB)	Limit (dBm)	Pass/Fail
5210	42	802.11ac 80MHz BW	-9.049	0.860	-8.189	11	Pass
5290	58		-8.740	0.860	-7.880	11	Pass

External Ant

▣ TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor (dB)	Limit (dBm)	Pass/Fail
5210	42	802.11ac 80MHz BW	-8.646	2.259	-6.387	11	Pass
5290	58		-7.159	3.843	-3.316	11	Pass

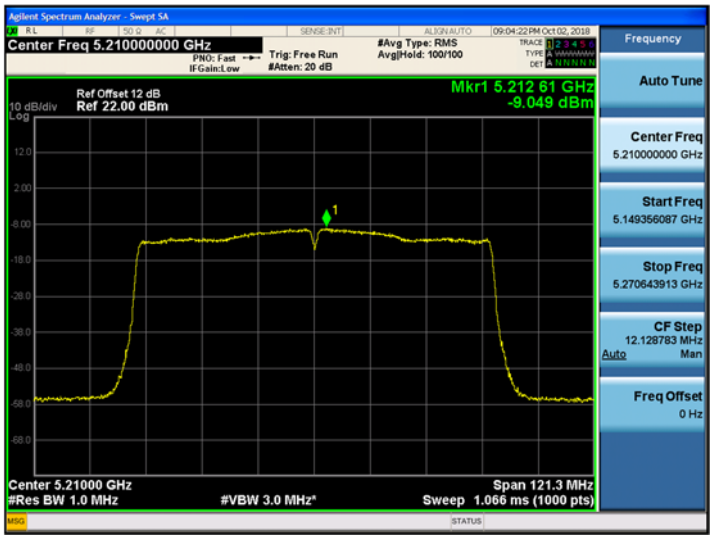
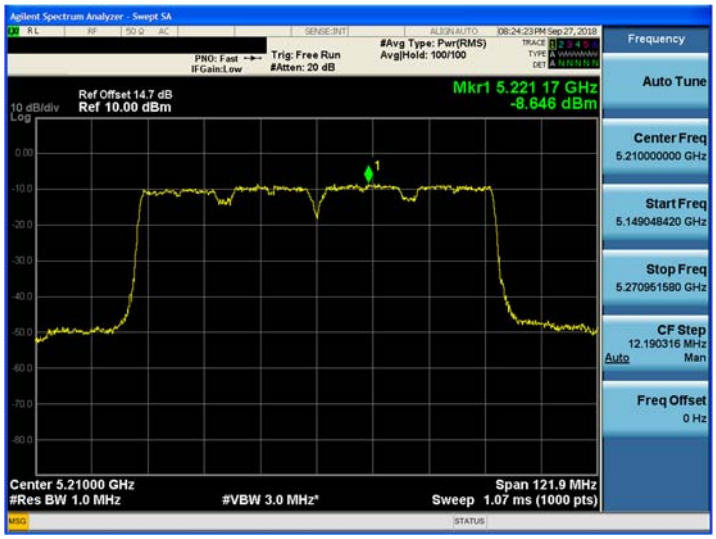
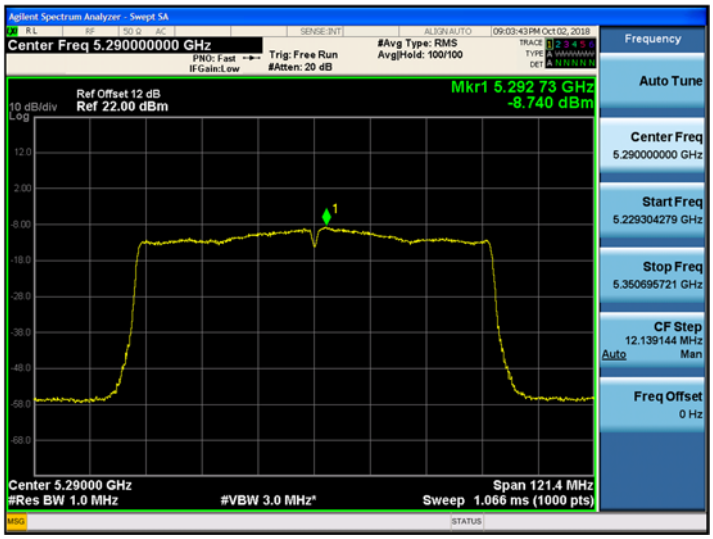
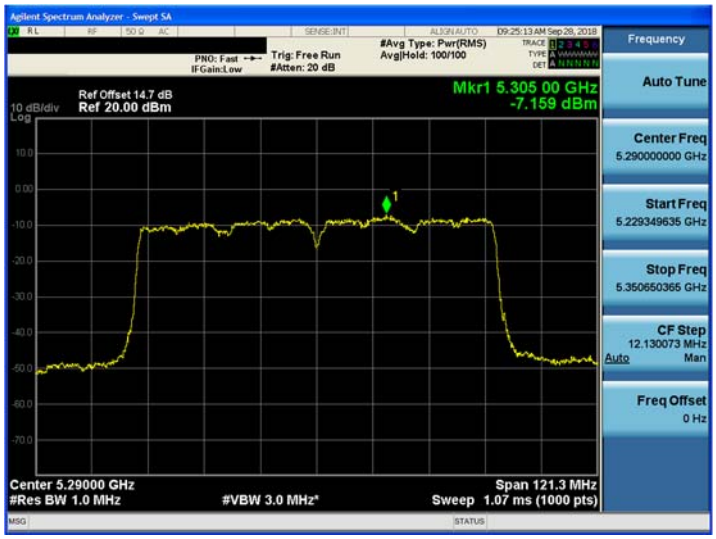
▣ Sum Data of Internal Ant and External Ant

▣ TEST RESULTS

Conducted Power Density Measurements

Mode	Frequency [MHz]	Channel No.	Duty Cycle Factor (dB)	Measured Power [dBm]			Result (dBm)	Limit (dBm)
				Internal Antenna	External Antenna	Sum		
802.11ac (VHT80)	5210	42	1.447	-11.607	-13.147	-9.30	-7.85	11.00
	5290	58	1.447	-10.606	-12.059	-8.26	-6.81	11.00

▣ TEST Plot for 802.11ac_VHT80

802.11ac_VHT80 UNII 1 BAND PSD CH 42_Internal Ant	802.11ac_VHT80 UNII 1 BAND PSD CH 42_External Ant
	
802.11ac_VHT80 UNII 2A BAND PSD CH 58_Internal Ant	**802.11ac_VHT80 UNII 2A BAND PSD CH 58_External Ant**
	

Internal Ant

▣ TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5500	100	802.11a	4.136	0.205	4.341	11	Pass
5580	116		9.533	0.205	9.738		Pass
5720	144		9.370	0.205	9.575		Pass
5745	149		6.304	0.205	6.509	30	Pass
5785	157		6.631	0.205	6.836		Pass
5825	165		6.784	0.205	6.989		Pass

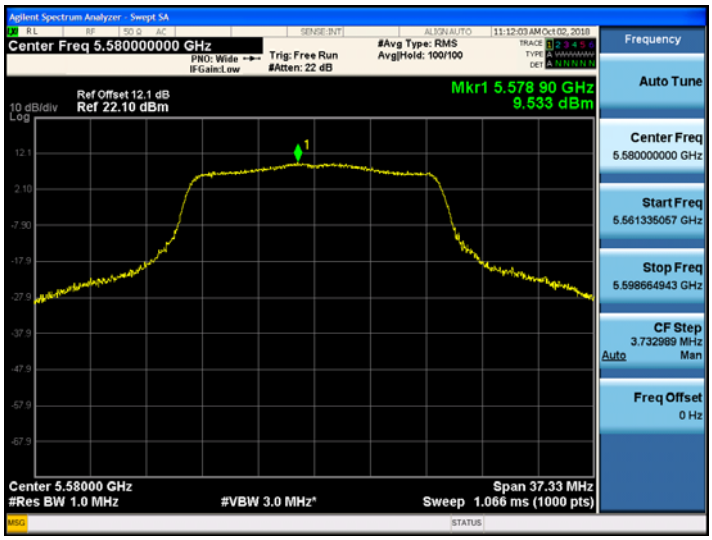
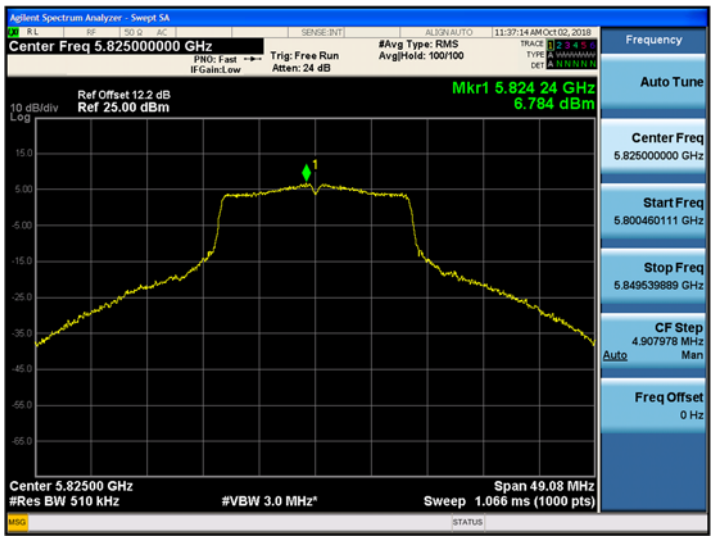
External Ant

▣ TEST RESULTS

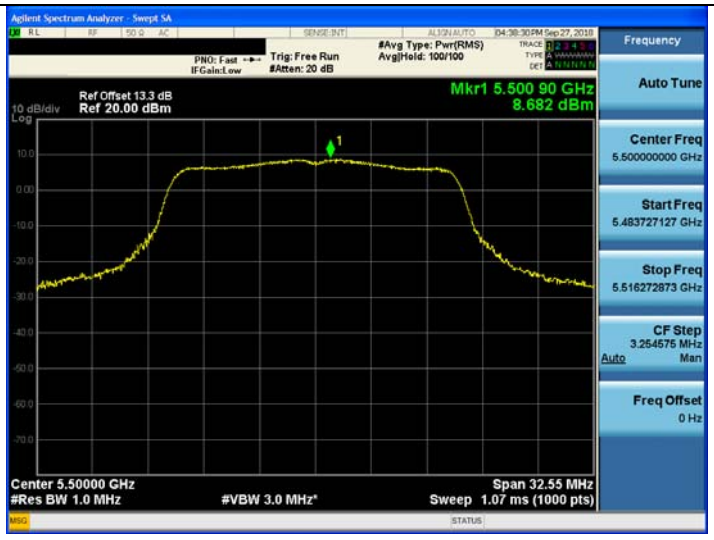
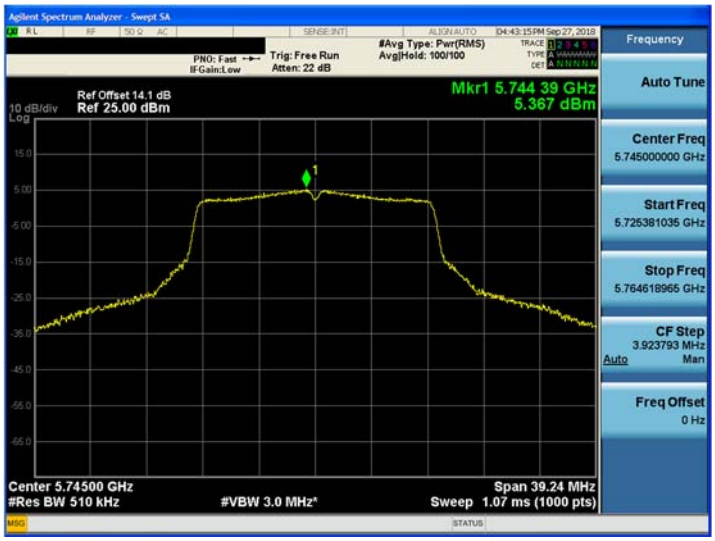
Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5500	100	802.11a	8.682	0.399	9.081	11	Pass
5580	116		8.292	0.399	8.691		Pass
5720	144		6.992	0.399	7.391		Pass
5745	149		5.367	0.399	5.766	30	Pass
5785	157		4.889	0.399	5.288		Pass
5825	165		3.477	0.399	3.876		Pass

▣ TEST Plot for 802.11a 20MHz BW_Internal Ant

802.11a UNII 2C BAND PSD CH 116	802.11a UNII 3 BAND PSD CH 165
	

▣ TEST Plot for 802.11a 20MHz BW_External Ant

802.11a UNII 2C BAND PSD CH 100	802.11a UNII 3 BAND PSD CH 149
	

Internal Ant

▣ TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5500	100	802.11n_ HT20	3.479	0.222	3.701	11	Pass
5580	116		8.910	0.222	9.132		Pass
5720	144		9.022	0.222	9.244		Pass
5745	149		6.208	0.222	6.430	30	Pass
5785	157		5.882	0.222	6.104		Pass
5825	165		6.179	0.222	6.401		Pass

External Ant

▣ TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5500	100	802.11n_ HT20	8.705	0.614	9.319	11	Pass
5580	116		8.058	0.614	8.672		Pass
5720	144		6.286	0.614	6.900		Pass
5745	149		4.900	0.614	5.514	30	Pass
5785	157		4.179	0.614	4.793		Pass
5825	165		4.241	0.614	4.855		Pass

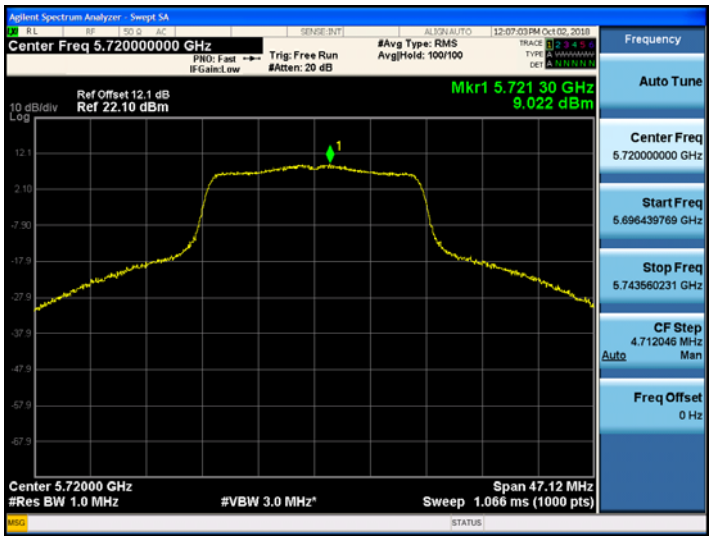
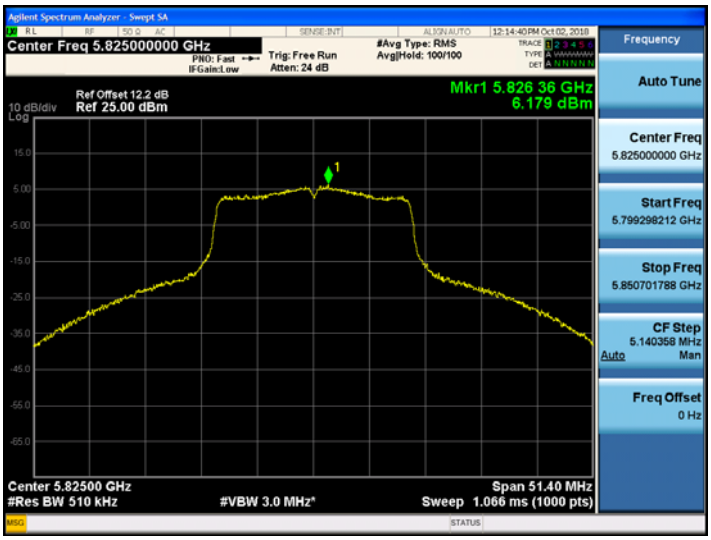
▣ **Sum Data of Internal Ant and External Ant**

▣ **TEST RESULTS**

Conducted Power Density Measurements

Mode	Frequency [MHz]	Channel No.	Duty Cycle Factor (dB)	Measured Power [dBm]			Result (dBm)	Limit (dBm)
				Internal Antenna	External Antenna	Sum		
802.11n (HT20)	5500	100	0.428	3.619	3.722	6.68	7.11	11.00
	5580	116	0.428	6.425	6.119	9.28	9.71	11.00
	5720	144	0.428	6.848	5.195	9.11	9.54	11.00
	5745	149	0.428	5.790	5.426	8.62	9.05	30.00
	5785	157	0.428	5.753	4.714	8.27	8.70	30.00
	5825	165	0.428	5.784	4.040	8.01	8.44	30.00

▣ TEST Plot for 802.11n_HT20_Internal Ant

802.11n_HT20 UNII 2C BAND PSD CH 144	802.11n_HT20 UNII 3 BAND PSD CH 165
	

▣ TEST Plot for 802.11n_HT20_External Ant

802.11n_HT20 UNII 2C BAND PSD CH 100	802.11n_HT20 UNII 3 BAND PSD CH 149
	

Internal Ant

▣ TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5500	100	802.11ac _VHT20	3.406	0.223	3.629	11	Pass
5580	116		9.064	0.223	9.287		Pass
5720	144		8.777	0.223	9.000		Pass
5745	149		6.371	0.223	6.594	30	Pass
5785	157		6.059	0.223	6.282		Pass
5825	165		3.751	0.223	3.974		Pass

External Ant

▣ TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5500	100	802.11ac _VHT20	8.342	0.610	8.952	11	Pass
5580	116		7.702	0.610	8.312		Pass
5720	144		6.350	0.610	6.960		Pass
5745	149		4.544	0.610	5.154	30	Pass
5785	157		3.972	0.610	4.582		Pass
5825	165		4.166	0.610	4.776		Pass

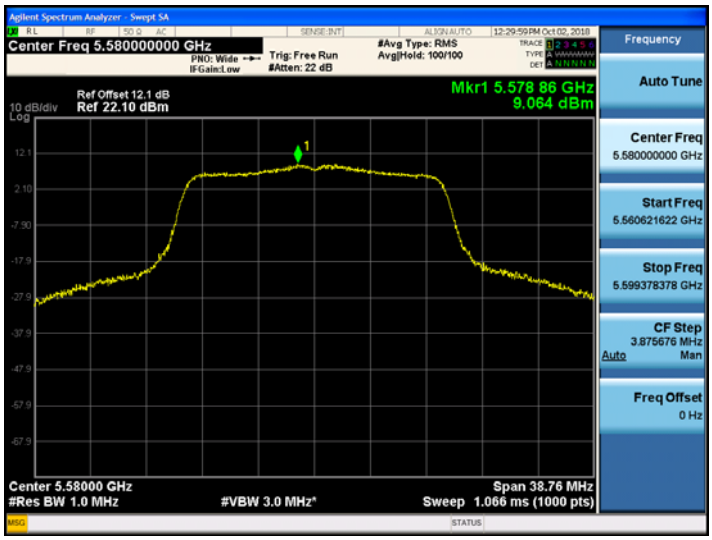
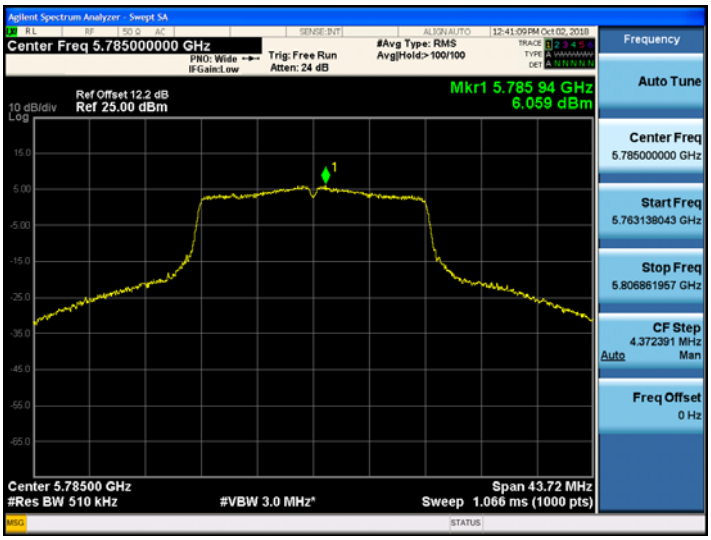
▣ **Sum Data of Internal Ant and External Ant**

▣ **TEST RESULTS**

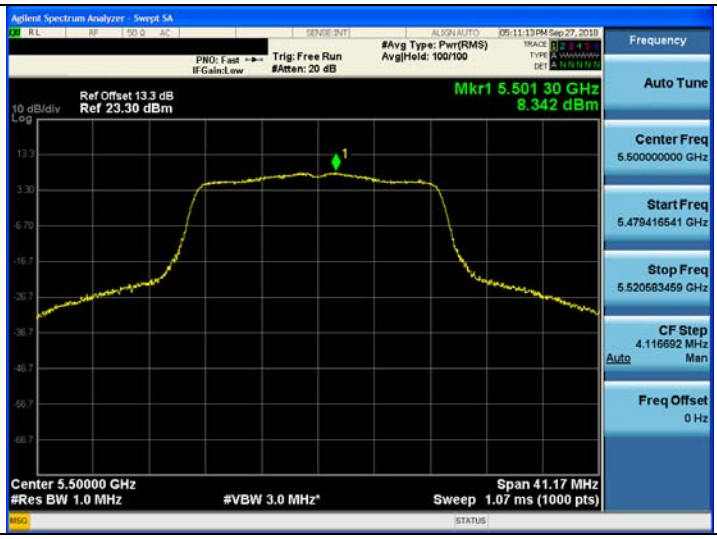
Conducted Power Density Measurements

Mode	Frequency [MHz]	Channel No.	Duty Cycle Factor (dB)	Measured Power [dBm]			Result (dBm)	Limit (dBm)
				Internal Antenna	External Antenna	Sum		
802.11ac (VHT20)	5500	100	0.422	3.721	3.542	6.64	7.06	11.00
	5580	116	0.422	6.725	6.410	9.58	10.00	11.00
	5720	144	0.422	6.813	4.948	8.99	9.41	11.00
	5745	149	0.422	6.035	5.301	8.69	9.12	30.00
	5785	157	0.422	5.653	4.779	8.25	8.67	30.00
	5825	165	0.422	5.872	4.265	8.15	8.57	30.00

▣ TEST Plot for 802.11ac_VHT20_Internal Ant

802.11ac_VHT20 UNII 2C BAND PSD CH 116	802.11ac_VHT20 UNII 3 BAND PSD CH 157
	

▣ TEST Plot for 802.11ac_VHT20_External Ant

802.11ac_VHT20 UNII 2C BAND PSD CH 100	802.11ac_VHT20 UNII 3 BAND PSD CH 149
	

Internal Ant

▣ TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5510	102	802.11n _HT40	-2.042	0.446	-1.596	11	Pass
5500	110		5.557	0.446	6.003		Pass
5710	142		6.297	0.446	6.743		Pass
5755	151		3.010	0.446	3.456	30	Pass
5795	159		2.658	0.446	3.104		Pass

External Ant

▣ TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5510	102	802.11n _HT40	1.253	1.409	2.662	11	Pass
5500	110		2.570	2.533	5.103		Pass
5710	142		2.200	1.409	3.609		Pass
5755	151		0.810	1.409	2.219	30	Pass
5795	159		0.228	1.409	1.637		Pass

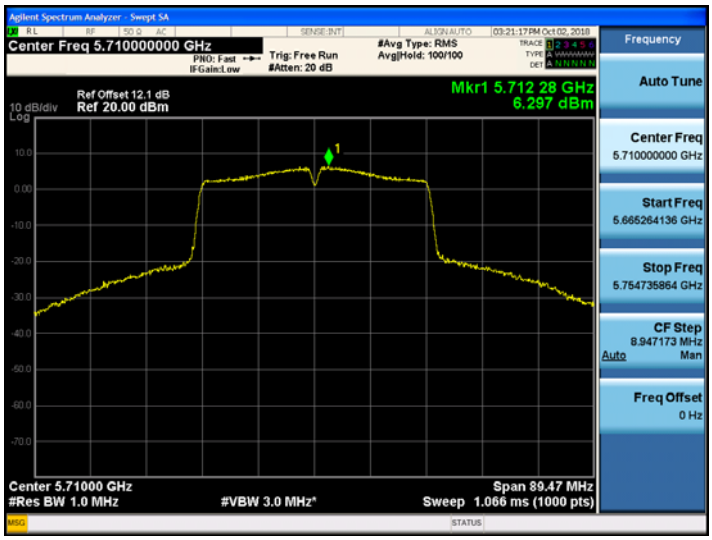
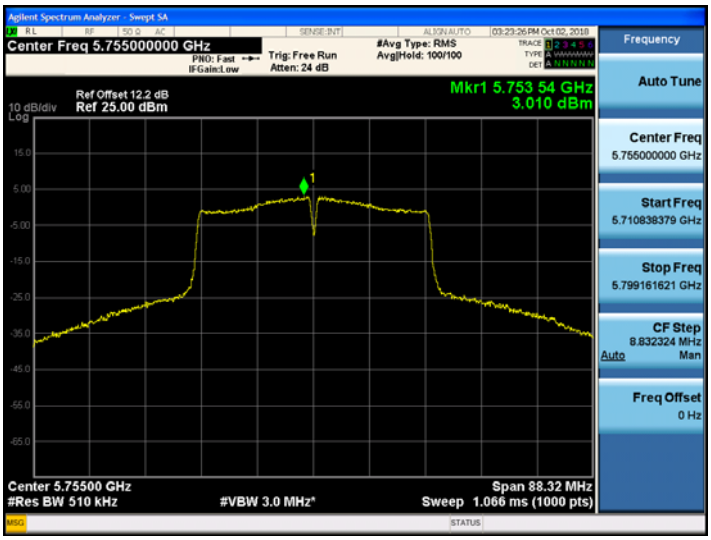
▣ **Sum Data of Internal Ant and External Ant**

▣ **TEST RESULTS**

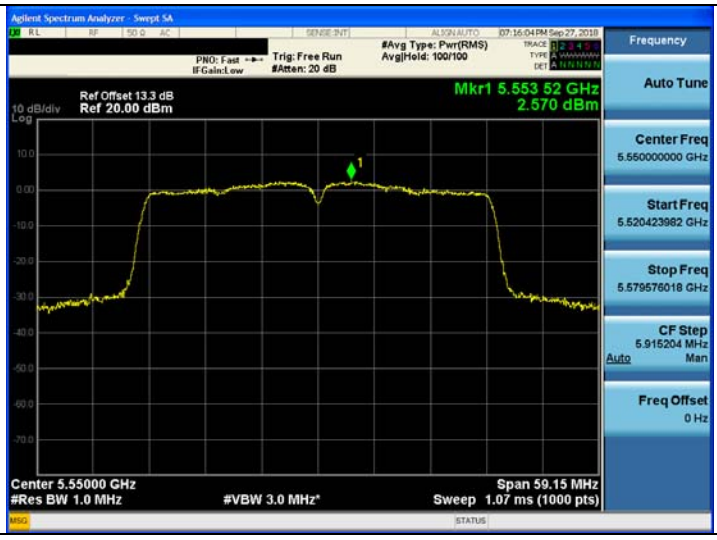
Conducted Power Density Measurements

Mode	Frequency [MHz]	Channel No.	Duty Cycle Factor (dB)	Measured Power [dBm]			Result (dBm)	Limit (dBm)
				Internal Antenna	External Antenna	Sum		
802.11n (HT40)	5510	102	0.804	-2.630	-2.772	0.31	1.11	11.00
	5500	110	0.804	5.074	4.581	7.84	8.65	11.00
	5710	142	0.804	4.978	3.489	7.31	8.11	30.00
	5755	151	0.804	2.165	1.899	5.04	5.85	30.00
	5795	159	0.804	2.151	1.381	4.79	5.60	30.00

▣ TEST Plot for 802.11n_HT40_Internal Ant

802.11n_HT40 UNII 2C BAND PSD CH 142	802.11n_HT40 UNII 3 BAND PSD CH 151
	

▣ TEST Plot for 802.11n_HT40_External Ant

802.11n_HT40 UNII 2C BAND PSD CH 110	802.11n_HT40 UNII 3 BAND PSD CH 151
	

Internal Ant

▣ TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5510	102	802.11ac _VHT40	-2.459	0.442	-2.017	11	Pass
5550	110		5.715	0.442	6.157		Pass
5710	142		6.010	0.442	6.452		Pass
5755	151		2.558	0.442	3.000	30	Pass
5795	159		2.693	0.442	3.135		Pass

External Ant

▣ TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5510	102	802.11ac _VHT40	0.394	2.798	3.192	11	Pass
5550	110		2.692	2.798	5.490		Pass
5710	142		2.292	1.389	3.681		Pass
5755	151		0.600	1.389	1.989	30	Pass
5795	159		-0.934	2.798	1.864		Pass

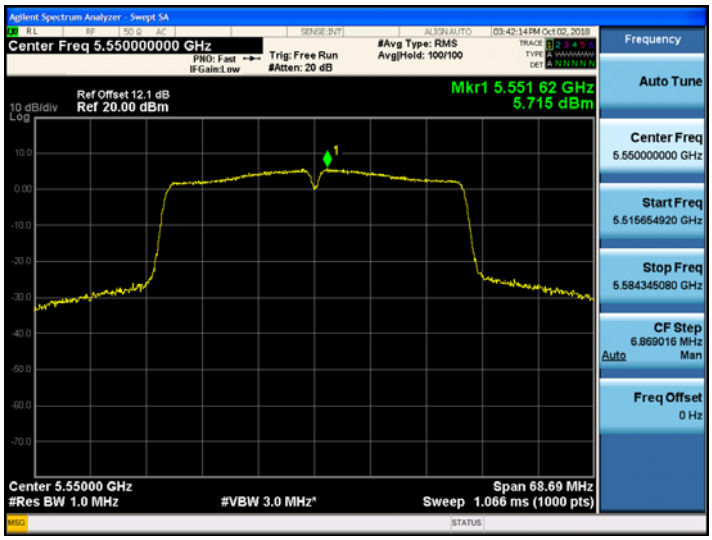
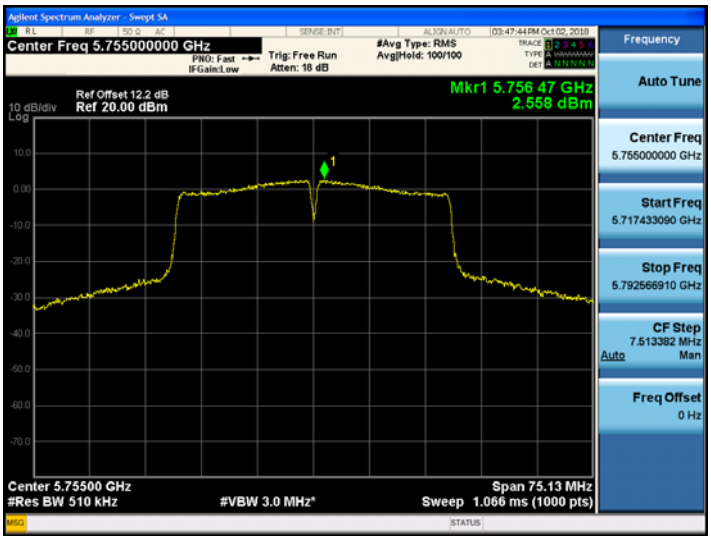
▣ **Sum Data of Internal Ant and External Ant**

▣ **TEST RESULTS**

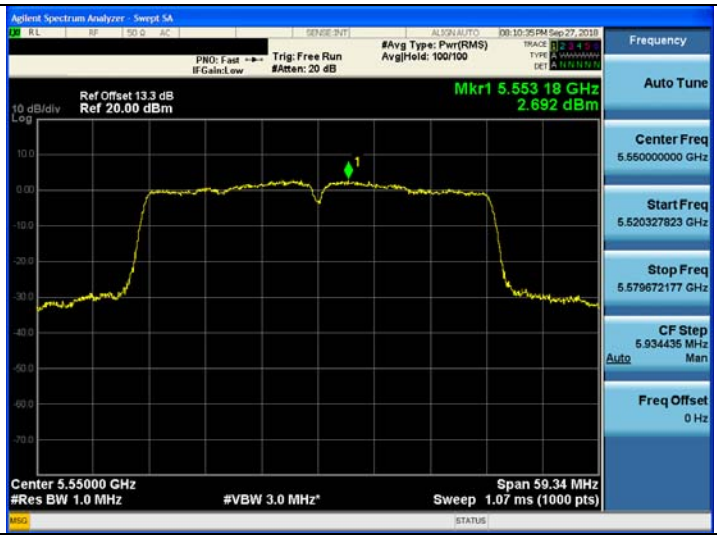
Conducted Power Density Measurements

Mode	Frequency [MHz]	Channel No.	Duty Cycle Factor (dB)	Measured Power [dBm]			Result (dBm)	Limit (dBm)
				Internal Antenna	External Antenna	Sum		
802.11ac (VHT40)	5510	102	0.797	-2.477	-2.884	0.33	1.13	11.00
	5500	110	0.797	4.877	4.700	7.80	8.60	11.00
	5710	142	0.797	5.036	3.444	7.32	8.12	30.00
	5755	151	0.797	2.166	2.032	5.11	5.91	30.00
	5795	159	0.797	1.191	1.215	4.21	5.01	30.00

▣ TEST Plot for 802.11ac_VHT40_Internal Ant

802.11ac_VHT40 UNII 2C BAND PSD CH 110	802.11ac_VHT40 UNII 3 BAND PSD CH 151
	

▣ TEST Plot for 802.11ac_VHT40_External Ant

802.11ac_VHT40 UNII 2C BAND PSD CH 110	802.11ac_VHT40 UNII 3 BAND PSD CH 151
	

Internal Ant

▣ TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5530	106	802.11ac _VHT80	-7.844	0.861	-6.983	11	Pass
5610	122		2.269	0.861	3.130		Pass
5690	138		2.331	0.861	3.192		Pass
5775	155		-1.383	0.861	-0.522	30	Pass

External Ant

▣ TEST RESULTS

Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5530	106	802.11ac _VHT80	-6.741	3.843	-2.898	11	Pass
5610	122		-2.821	3.843	1.022		Pass
5690	138		-3.992	3.843	-0.149		Pass
5775	155		-4.546	3.843	-0.703	30	Pass

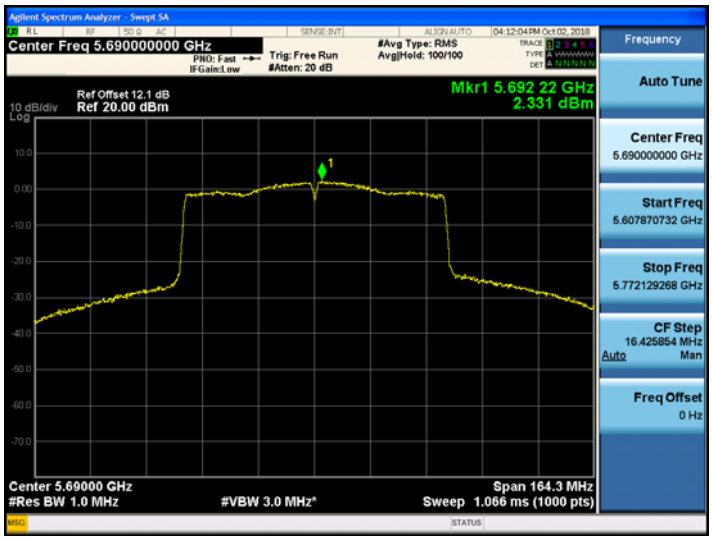
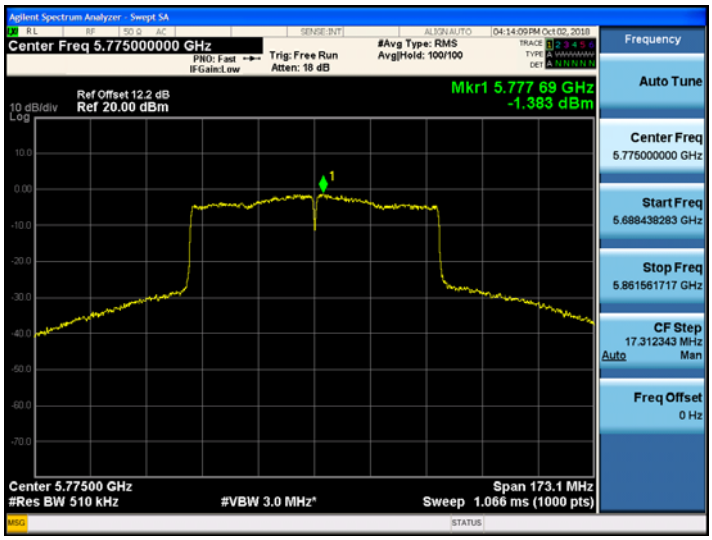
▣ **Sum Data of Internal Ant and External Ant**

▣ **TEST RESULTS**

Conducted Power Density Measurements

Mode	Frequency [MHz]	Channel No.	Duty Cycle Factor (dB)	Measured Power [dBm]			Result (dBm)	Limit (dBm)
				Internal Antenna	External Antenna	Sum		
802.11ac (VHT80)	5530	106	1.447	-8.612	-8.569	-5.58	-4.13	11.00
	5610	122	1.447	0.878	0.498	3.70	5.15	11.00
	5690	138	1.447	0.747	0.107	3.45	4.90	11.00
	5775	155	1.447	-1.841	-2.008	1.09	2.53	30.00

▣ TEST Plot for 802.11ac_VHT80_Internal Ant

802.11ac_VHT80 UNII 2C BAND PSD CH 138	802.11ac_VHT80 UNII 3 BAND PSD CH 155
	

▣ TEST Plot for 802.11ac_VHT80_External Ant

802.11ac_VHT80 UNII 2C BAND PSD CH 122	802.11ac_VHT80 UNII 3 BAND PSD CH 155
	

▣Straddle channels TEST RESULTS for 802.11a/n_HT20/ac_VHT20_Internal Ant

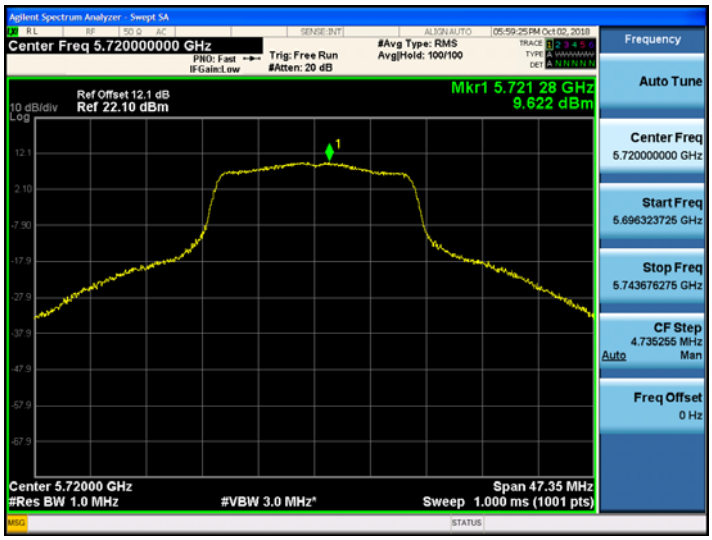
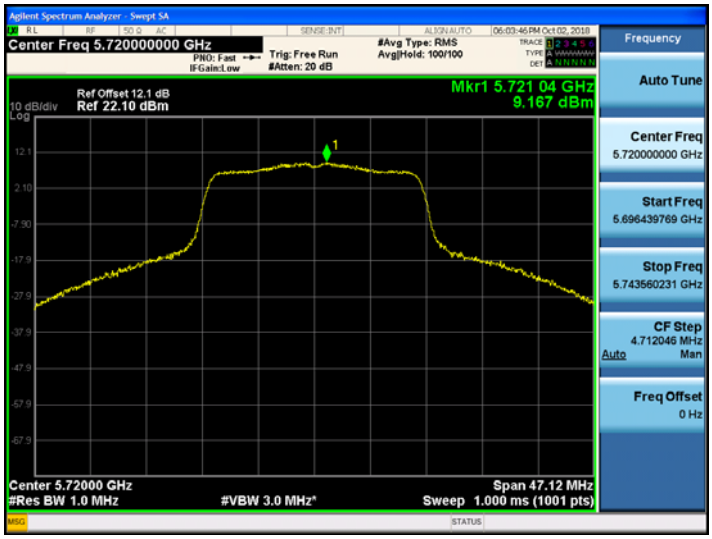
Conducted Power Density Measurements (UNII 2C Band 5720MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5720	144	802.11a	9.622	0.205	9.827	11.00	Pass
		802.11n	9.167	0.222	9.389	11.00	Pass
		802.11ac	9.547	0.223	9.770	11.00	Pass

Conducted Power Density Measurements (UNII 3 Band 5720MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5720	144	802.11a	4.208	0.205	4.413	30.00	Pass
		802.11n	4.089	0.222	4.311	30.00	Pass
		802.11ac	4.567	0.223	4.790	30.00	Pass

▣Straddle channels TEST Plot for 802.11a/n_HT20/ac_VHT20_Internal Ant

802.11a UNII 2C Band PSD CH.144	802.11a UNII 3 Band PSD CH.144
	
802.11n_HT20 UNII 2C Band PSD CH.144	**802.11n_HT20 UNII 3 Band PSD CH.144**
	

802.11ac_VHT20 UNII 2C Band PSD CH.144	802.11ac_VHT20 UNII 3 Band PSD CH.144
	

▣Straddle channels TEST RESULTS for 802.11a/n_HT20/ac_VHT20_External Ant

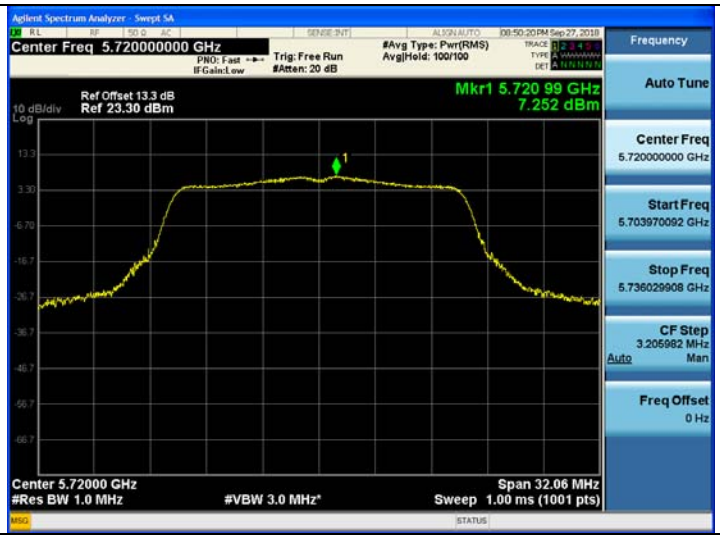
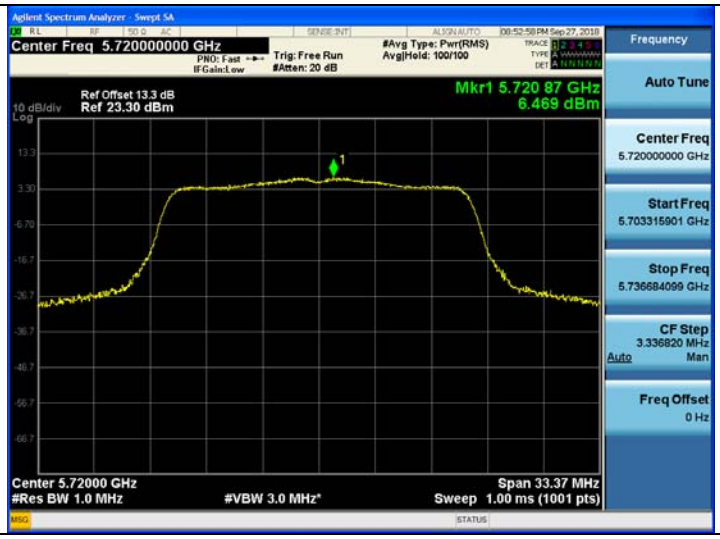
Conducted Power Density Measurements (UNII 2C Band 5720MHz)

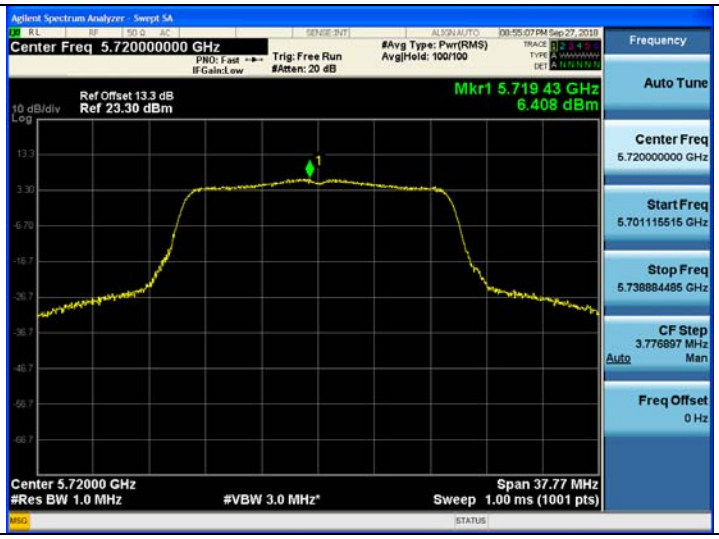
Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5720	144	802.11a	7.252	0.399	7.651	11.00	Pass
		802.11n	6.469	0.614	7.083	11.00	Pass
		802.11ac	6.408	0.610	7.018	11.00	Pass

Conducted Power Density Measurements (UNII 3 Band 5720MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5720	144	802.11a	1.962	0.399	2.361	30.00	Pass
		802.11n	1.207	0.614	1.821	30.00	Pass
		802.11ac	1.572	0.610	2.182	30.00	Pass

▣Straddle channels TEST Plot for 802.11a/n_HT20/ac_VHT20_External Ant

802.11a UNII 2C Band PSD CH.144	802.11a UNII 3 Band PSD CH.144
	
802.11n_HT20 UNII 2C Band PSD CH.144	**802.11n_HT20 UNII 3 Band PSD CH.144**
	

802.11ac_VHT20 UNII 2C Band PSD CH.144	802.11ac_VHT20 UNII 3 Band PSD CH.144
	

▣Straddle channels TEST RESULTS for 802.11n_HT40/ac_VHT40_Internal Ant

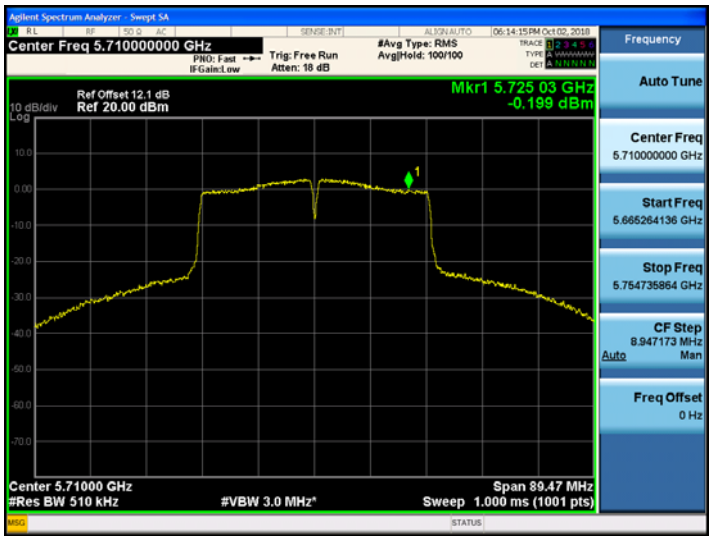
Conducted Power Density Measurements (UNII 2C Band 5710MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5710	142	802.11n	6.367	0.446	6.813	11.00	Pass
		802.11ac	6.373	0.442	6.815	11.00	Pass

Conducted Power Density Measurements (UNII 3 Band 5710MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5710	142	802.11n	-0.199	0.446	0.247	30.00	Pass
		802.11ac	-0.048	0.442	0.394	30.00	Pass

▣Straddle channels TEST Plot for 802.11n_HT40/ac_VHT40_Internal Ant

802.11n_HT40 UNII 2C Band PSD CH.142	802.11n_HT40 UNII 3 Band PSD CH.142
	
802.11ac_VHT40 UNII 2C Band PSD CH.142	**802.11ac_VHT40 UNII 3 Band PSD CH.142**
	

▣Straddle channels TEST RESULTS for 802.11n_HT40/ac_VHT40_External Ant

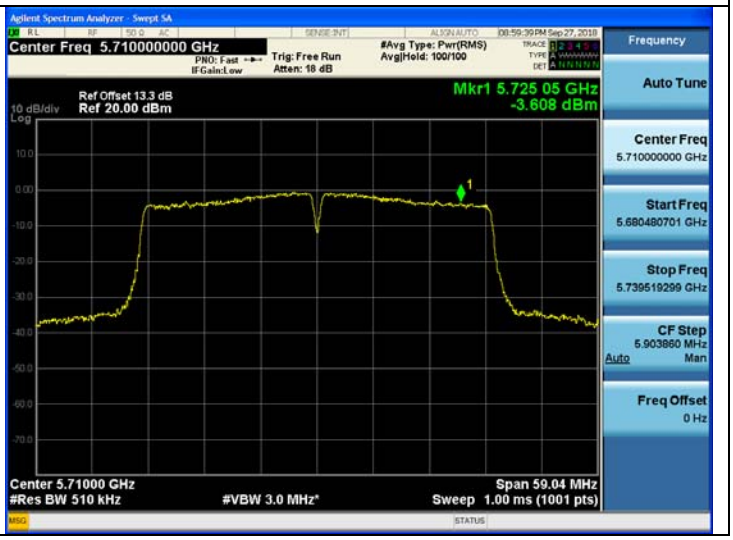
Conducted Power Density Measurements (UNII 2C Band 5710MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5710	142	802.11n	2.062	1.409	3.471	11.00	Pass
		802.11ac	2.368	1.389	3.757	11.00	Pass

Conducted Power Density Measurements (UNII 3 Band 5710MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5710	142	-3.783	1.409	-2.374	-3.783	30.00	Pass
		-3.608	1.389	-2.219	-3.608	30.00	Pass

▣Straddle channels TEST Plot for 802.11n_HT40/ac_VHT40_External Ant

802.11n_HT40 UNII 2C Band PSD CH.142	802.11n_HT40 UNII 3 Band PSD CH.142
	
802.11ac_VHT40 UNII 2C Band PSD CH.142	**802.11ac_VHT40 UNII 3 Band PSD CH.142**
	

▣Straddle channels TEST RESULTS_Internal Ant

Conducted Power Density Measurements (UNII 2C Band 5690MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5690	138	802.11ac	2.541	0.861	3.402	11.00	Pass

Conducted Power Density Measurements (UNII 3 Band 5690MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5690	138	802.11ac	-3.404	0.861	-2.543	30.00	Pass

▣Straddle channels TEST Plot for 802.11ac_VHT80_Internal Ant

802.11ac_VHT80 UNII 2C Band PSD CH.138	802.11ac_VHT80 UNII 3 Band PSD CH.138
	

▣Straddle channels TEST RESULTS_External Ant

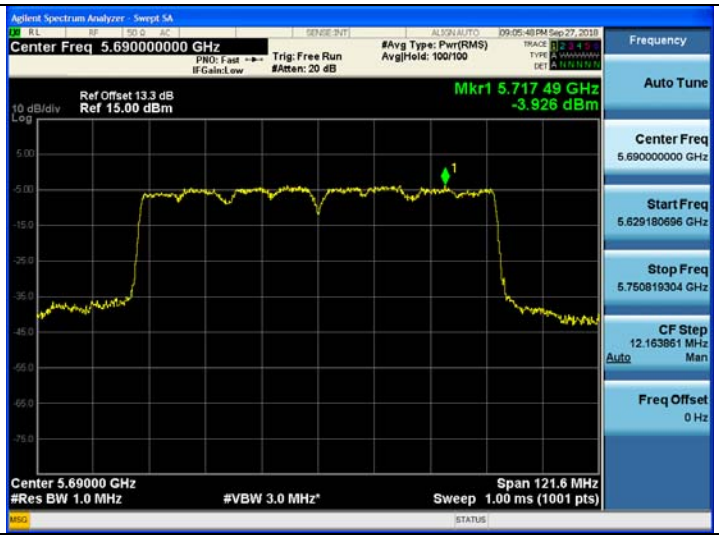
Conducted Power Density Measurements (UNII 2C Band 5690MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5690	138	802.11ac	-3.926	3.843	-0.083	11.00	Pass

Conducted Power Density Measurements (UNII 3 Band 5690MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
5690	138	802.11ac	-8.250	3.843	-4.407	30.00	Pass

▣Straddle channels TEST Plot for 802.11ac_VHT80_External Ant

802.11ac_VHT80 UNII 2C Band PSD CH.138	802.11ac_VHT80 UNII 3 Band PSD CH.138
	

10.6 FREQUENCY STABILITY

The EUT was placed inside an environmental chamber as the temperature in the chamber was varied between -30 ℃ and 50 ℃. The temperature was incremented by 10 ℃ intervals and the unit was allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded.

[Internal Ant]

20 MHz BW_ Startup

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,180,000,000 Hz

CHANNEL: 36

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5180089.35	89.35
100%		-30	5180049.46	49.46
100%		-20	5180054.64	54.64
100%		-10	5180094.50	94.50
100%		0	5180031.74	31.74
100%		+10	5180052.52	52.52
100%		+30	5180057.68	57.68
100%		+40	5180060.25	60.25
100%		+50	5180051.15	51.15
Max.	16.00	+20	5180046.21	46.21
Min.	9.00	+20	5180084.59	84.59

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A
OPERATING FREQUENCY: 5,260,000,000 Hz
CHANNEL: 52
REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5260008.04	8.04
100%		-30	5260040.11	40.11
100%		-20	5260081.17	81.17
100%		-10	5260025.65	25.65
100%		0	5260037.70	37.7
100%		+10	5260011.63	11.63
100%		+30	5260083.51	83.51
100%		+40	5260016.80	16.8
100%		+50	5260048.10	48.10
Max.	16.00	+20	5260004.28	4.28
Min.	9.00	+20	5260046.63	46.63

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C
OPERATING FREQUENCY: 5,500,000,000 Hz
CHANNEL: 100
REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5500053.26	53.26
100%		-30	5500049.41	49.41
100%		-20	5500047.67	47.67
100%		-10	5500061.12	61.12
100%		0	5500023.07	23.07
100%		+10	5500009.51	9.51
100%		+30	5500053.71	53.71
100%		+40	5500023.24	23.24
100%		+50	5500004.14	4.14
Max.	16.00	+20	5500071.03	71.03
Min.	9.00	+20	5500009.93	9.93

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5745096.20	96.20
100%		-30	5745086.82	86.82
100%		-20	5745058.88	58.88
100%		-10	5745002.73	2.73
100%		0	5745089.07	89.07
100%		+10	5745013.60	13.6
100%		+30	5745017.10	17.1
100%		+40	5745067.54	67.54
100%		+50	5745058.80	58.80
Max.	16.00	+20	5745056.70	56.70
Min.	9.00	+20	5745064.67	64.67

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

2 minutes

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,180,000,000 Hz

CHANNEL: 36

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5180030.22	30.22
100%		-30	5180090.78	90.78
100%		-20	5180001.10	1.10
100%		-10	5180024.42	24.42
100%		0	5180063.83	63.83
100%		+10	5180005.23	5.23
100%		+30	5180056.86	56.86
100%		+40	5180098.63	98.63
100%		+50	5180068.71	68.71
Max.	16.00	+20	5180038.13	38.13
Min.	9.00	+20	5180056.53	56.53

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5260071.83	71.83
100%		-30	5260035.35	35.35
100%		-20	5260076.44	76.44
100%		-10	5260056.59	56.59
100%		0	5260008.40	8.4
100%		+10	5260097.67	97.67
100%		+30	5260023.15	23.15
100%		+40	5260037.44	37.44
100%		+50	5260070.31	70.31
Max.	16.00	+20	5260086.64	86.64
Min.	9.00	+20	5260099.32	99.32

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C
OPERATING FREQUENCY: 5,500,000,000 Hz
CHANNEL: 100
REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5500008.81	8.81
100%		-30	5500076.70	76.70
100%		-20	5500056.24	56.24
100%		-10	5500060.49	60.49
100%		0	5500039.96	39.96
100%		+10	5500034.61	34.61
100%		+30	5500048.75	48.75
100%		+40	5500095.54	95.54
100%		+50	5500053.13	53.13
Max.	16.00	+20	5500060.78	60.78
Min.	9.00	+20	5500051.98	51.98

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5745025.81	25.81
100%		-30	5745029.57	29.57
100%		-20	5745031.96	31.96
100%		-10	5745041.90	41.9
100%		0	5745040.19	40.19
100%		+10	5745052.43	52.43
100%		+30	5745065.32	65.32
100%		+40	5745030.90	30.9
100%		+50	5745001.49	1.49
Max.	16.00	+20	5745035.87	35.87
Min.	9.00	+20	5745008.09	8.09

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

5 minutes

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,180,000,000 Hz

CHANNEL: 36

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5180085.61	85.61
100%		-30	5180095.02	95.02
100%		-20	5180076.27	76.27
100%		-10	5180054.89	54.89
100%		0	5180028.35	28.35
100%		+10	5180053.61	53.61
100%		+30	5180006.84	6.84
100%		+40	5180038.97	38.97
100%		+50	5180069.48	69.48
Max.	16.00	+20	5180088.46	88.46
Min.	9.00	+20	5180015.26	15.26

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5260096.68	96.68
100%		-30	5260019.54	19.54
100%		-20	5260075.81	75.81
100%		-10	5260054.39	54.39
100%		0	5260070.82	70.82
100%		+10	5260023.25	23.25
100%		+30	5260089.97	89.97
100%		+40	5260091.36	91.36
100%		+50	5260095.22	95.22
Max.	16.00	+20	5260011.11	11.11
Min.	9.00	+20	5260036.44	36.44

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C
OPERATING FREQUENCY: 5,500,000,000 Hz
CHANNEL: 100
REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5500014.74	14.74
100%		-30	5500038.97	38.97
100%		-20	5500003.94	3.94
100%		-10	5500058.58	58.58
100%		0	5500033.61	33.61
100%		+10	5500036.71	36.71
100%		+30	5500099.17	99.17
100%		+40	5500052.23	52.23
100%		+50	5500045.09	45.09
Max.	16.00	+20	5500057.44	57.44
Min.	9.00	+20	5500094.07	94.07

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5745067.87	67.87
100%		-30	5745043.83	43.83
100%		-20	5745055.15	55.15
100%		-10	5745041.95	41.95
100%		0	5745080.57	80.57
100%		+10	5745029.68	29.68
100%		+30	5745018.32	18.32
100%		+40	5745060.39	60.39
100%		+50	5745050.05	50.05
Max.	16.00	+20	5745042.38	42.38
Min.	9.00	+20	5745063.64	63.64

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

10 minutes

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,180,000,000 Hz

CHANNEL: 36

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5180039.51	39.51
100%		-30	5180094.41	94.41
100%		-20	5180072.55	72.55
100%		-10	5180067.36	67.36
100%		0	5180048.55	48.55
100%		+10	5180066.20	66.20
100%		+30	5180062.07	62.07
100%		+40	5180077.64	77.64
100%		+50	5180045.08	45.08
Max.	16.00	+20	5180017.63	17.63
Min.	9.00	+20	5180004.13	4.13

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5260021.74	21.74
100%		-30	5260018.35	18.35
100%		-20	5260066.20	66.2
100%		-10	5260049.62	49.62
100%		0	5260067.03	67.03
100%		+10	5260024.83	24.83
100%		+30	5260028.11	28.11
100%		+40	5260006.62	6.62
100%		+50	5260070.53	70.53
Max.	16.00	+20	5260083.98	83.98
Min.	9.00	+20	5260086.40	86.4

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C
OPERATING FREQUENCY: 5,500,000,000 Hz
CHANNEL: 100
REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5500095.37	95.37
100%		-30	5500080.70	80.70
100%		-20	5500099.72	99.72
100%		-10	5500017.72	17.72
100%		0	5500027.18	27.18
100%		+10	5500007.65	7.65
100%		+30	5500069.38	69.38
100%		+40	5500088.05	88.05
100%		+50	5500015.66	15.66
Max.	16.00	+20	5500064.74	64.74
Min.	9.00	+20	5500025.09	25.09

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5745074.44	74.44
100%		-30	5745002.74	2.74
100%		-20	5745083.25	83.25
100%		-10	5745022.19	22.19
100%		0	5745031.96	31.96
100%		+10	5745026.89	26.89
100%		+30	5745037.63	37.63
100%		+40	5745040.13	40.13
100%		+50	5745092.65	92.65
Max.	16.00	+20	5745086.61	86.61
Min.	9.00	+20	5745092.52	92.52

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

40 MHz BW_ Startup

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,190,000,000 Hz

CHANNEL: 38

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5190093.15	93.15
100%		-30	5190087.67	87.67
100%		-20	5190034.33	34.33
100%		-10	5190041.53	41.53
100%		0	5190070.42	70.42
100%		+10	5190083.30	83.30
100%		+30	5190070.74	70.74
100%		+40	5190030.06	30.06
100%		+50	5190095.28	95.28
Max.	16.00	+20	5190003.04	3.04
Min.	9.00	+20	5190085.65	85.65

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5270038.05	38.05
100%		-30	5270045.81	45.81
100%		-20	5270063.69	63.69
100%		-10	5270046.63	46.63
100%		0	5270018.29	18.29
100%		+10	5270037.69	37.69
100%		+30	5270071.31	71.31
100%		+40	5270014.98	14.98
100%		+50	5270089.79	89.79
Max.	16.00	+20	5270021.62	21.62
Min.	9.00	+20	5270051.60	51.6

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C
OPERATING FREQUENCY: 5,510,000,000 Hz
CHANNEL: 102
REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5510044.79	44.79
100%		-30	5510086.21	86.21
100%		-20	5510038.33	38.33
100%		-10	5510031.99	31.99
100%		0	5510010.57	10.57
100%		+10	5510009.05	9.05
100%		+30	5510026.70	26.7
100%		+40	5510001.52	1.52
100%		+50	5510033.03	33.03
Max.	16.00	+20	5510042.40	42.40
Min.	9.00	+20	5510006.46	6.46

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5755008.31	8.31
100%		-30	5755008.63	8.63
100%		-20	5755023.82	23.82
100%		-10	5755021.66	21.66
100%		0	5755021.68	21.68
100%		+10	5755016.59	16.59
100%		+30	5755019.20	19.2
100%		+40	5755035.21	35.21
100%		+50	5755022.27	22.27
Max.	16.00	+20	5755059.45	59.45
Min.	9.00	+20	5755088.17	88.17

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

2 minutes

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,190,000,000 Hz

CHANNEL: 38

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5190035.95	35.95
100%		-30	5190022.16	22.16
100%		-20	5190041.28	41.28
100%		-10	5190095.94	95.94
100%		0	5190034.64	34.64
100%		+10	5190017.36	17.36
100%		+30	5190027.05	27.05
100%		+40	5190003.20	3.20
100%		+50	5190019.16	19.16
Max.	16.00	+20	5190063.49	63.49
Min.	9.00	+20	5190087.14	87.14

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5270022.52	22.52
100%		-30	5270017.84	17.84
100%		-20	5270006.07	6.07
100%		-10	5270065.96	65.96
100%		0	5270034.09	34.09
100%		+10	5270010.18	10.18
100%		+30	5270026.06	26.06
100%		+40	5270072.81	72.81
100%		+50	5270056.34	56.34
Max.	16.00	+20	5270078.77	78.77
Min.	9.00	+20	5270061.58	61.58

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5510010.23	10.23
100%		-30	5510025.44	25.44
100%		-20	5510061.63	61.63
100%		-10	5510080.43	80.43
100%		0	5510064.35	64.35
100%		+10	5510004.88	4.88
100%		+30	5510034.55	34.55
100%		+40	5510058.19	58.19
100%		+50	5510040.66	40.66
Max.	16.00	+20	5510006.59	6.59
Min.	9.00	+20	5510085.47	85.47

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5755050.51	50.51
100%		-30	5755037.37	37.37
100%		-20	5755058.59	58.59
100%		-10	5755033.96	33.96
100%		0	5755061.31	61.31
100%		+10	5755034.04	34.04
100%		+30	5755081.31	81.31
100%		+40	5755082.99	82.99
100%		+50	5755025.68	25.68
Max.	16.00	+20	5755079.58	79.58
Min.	9.00	+20	5755040.12	40.12

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

5 minutes

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,190,000,000 Hz

CHANNEL: 38

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5190040.97	40.97
100%		-30	5190027.48	27.48
100%		-20	5190020.60	20.60
100%		-10	5190061.25	61.25
100%		0	5190014.12	14.12
100%		+10	5190059.41	59.41
100%		+30	5190053.78	53.78
100%		+40	5190038.52	38.52
100%		+50	5190025.77	25.77
Max.	16.00	+20	5190013.42	13.42
Min.	9.00	+20	5190077.19	77.19

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5270060.52	60.52
100%		-30	5270003.80	3.80
100%		-20	5270047.26	47.26
100%		-10	5270084.42	84.42
100%		0	5270064.40	64.4
100%		+10	5270051.83	51.83
100%		+30	5270025.67	25.67
100%		+40	5270021.64	21.64
100%		+50	5270071.46	71.46
Max.	16.00	+20	5270015.08	15.08
Min.	9.00	+20	5270074.39	74.39

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5510026.73	26.73
100%		-30	5510065.78	65.78
100%		-20	5510003.96	3.96
100%		-10	5510058.38	58.38
100%		0	5510072.53	72.53
100%		+10	5510088.63	88.63
100%		+30	5510029.33	29.33
100%		+40	5510060.22	60.22
100%		+50	5510044.98	44.98
Max.	16.00	+20	5510036.79	36.79
Min.	9.00	+20	5510008.91	8.91

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5755097.06	97.06
100%		-30	5755074.42	74.42
100%		-20	5755037.29	37.29
100%		-10	5755065.33	65.33
100%		0	5755007.40	7.4
100%		+10	5755064.80	64.8
100%		+30	5755073.20	73.2
100%		+40	5755092.03	92.03
100%		+50	5755097.11	97.11
Max.	16.00	+20	5755029.21	29.21
Min.	9.00	+20	5755033.64	33.64

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

10 minutes

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,190,000,000 Hz

CHANNEL: 38

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5190065.87	65.87
100%		-30	5190042.47	42.47
100%		-20	5190017.69	17.69
100%		-10	5190085.49	85.49
100%		0	5190092.88	92.88
100%		+10	5190053.34	53.34
100%		+30	5190063.47	63.47
100%		+40	5190041.90	41.90
100%		+50	5190024.56	24.56
Max.	16.00	+20	5190012.99	12.99
Min.	9.00	+20	5190017.63	17.63

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5270068.92	68.92
100%		-30	5270025.04	25.04
100%		-20	5270050.78	50.78
100%		-10	5270008.92	8.92
100%		0	5270014.88	14.88
100%		+10	5270045.83	45.83
100%		+30	5270076.67	76.67
100%		+40	5270061.77	61.77
100%		+50	5270083.52	83.52
Max.	16.00	+20	5270055.63	55.63
Min.	9.00	+20	5270005.89	5.89

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5510043.20	43.20
100%		-30	5510011.91	11.91
100%		-20	5510010.93	10.93
100%		-10	5510082.87	82.87
100%		0	5510008.21	8.21
100%		+10	5510033.20	33.2
100%		+30	5510015.18	15.18
100%		+40	5510065.15	65.15
100%		+50	5510047.94	47.94
Max.	16.00	+20	5510005.67	5.67
Min.	9.00	+20	5510071.44	71.44

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5755057.13	57.13
100%		-30	5755090.25	90.25
100%		-20	5755031.09	31.09
100%		-10	5755039.45	39.45
100%		0	5755084.66	84.66
100%		+10	5755064.61	64.61
100%		+30	5755072.48	72.48
100%		+40	5755035.62	35.62
100%		+50	5755003.69	3.69
Max.	16.00	+20	5755008.37	8.37
Min.	9.00	+20	5755060.54	60.54

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

80 MHz BW_ Startup

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,210,000,000 Hz

CHANNEL: 42

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5210013.11	13.11
100%		-30	5210039.36	39.36
100%		-20	5210010.07	10.07
100%		-10	5210058.05	58.05
100%		0	5210004.94	4.94
100%		+10	5210064.09	64.09
100%		+30	5210022.38	22.38
100%		+40	5210041.30	41.30
100%		+50	5210038.04	38.04
Max.	16.00	+20	5210050.28	50.28
Min.	9.00	+20	5210052.44	52.44

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A
OPERATING FREQUENCY: 5,290,000,000 Hz
CHANNEL: 58
REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5290009.26	9.26
100%		-30	5290067.87	67.87
100%		-20	5290039.63	39.63
100%		-10	5290039.07	39.07
100%		0	5290069.13	69.13
100%		+10	5290050.76	50.76
100%		+30	5290051.48	51.48
100%		+40	5290056.73	56.73
100%		+50	5290084.81	84.81
Max.	16.00	+20	5290056.02	56.02
Min.	9.00	+20	5290056.59	56.59

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,530,000,000 Hz

CHANNEL: 106

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5530045.46	45.46
100%		-30	5530022.90	22.90
100%		-20	5530037.82	37.82
100%		-10	5530033.65	33.65
100%		0	5530059.02	59.02
100%		+10	5530083.08	83.08
100%		+30	5530018.29	18.29
100%		+40	5530065.35	65.35
100%		+50	5530099.63	99.63
Max.	16.00	+20	5530042.21	42.21
Min.	9.00	+20	5530053.31	53.31

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,775,000,000 Hz

CHANNEL: 155

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5775003.64	3.64
100%		-30	5775078.72	78.72
100%		-20	5775092.95	92.95
100%		-10	5775074.27	74.27
100%		0	5775074.25	74.25
100%		+10	5775003.47	3.47
100%		+30	5775067.09	67.09
100%		+40	5775038.46	38.46
100%		+50	5775091.67	91.67
Max.	16.00	+20	5775084.50	84.50
Min.	9.00	+20	5775046.54	46.54

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

2 minutes

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,210,000,000 Hz

CHANNEL: 42

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5210054.79	54.79
100%		-30	5210050.15	50.15
100%		-20	5210004.87	4.87
100%		-10	5210034.12	34.12
100%		0	5210070.99	70.99
100%		+10	5210067.22	67.22
100%		+30	5210081.26	81.26
100%		+40	5210022.91	22.91
100%		+50	5210024.62	24.62
Max.	16.00	+20	5210077.67	77.67
Min.	9.00	+20	5210084.04	84.04

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,290,000,000 Hz

CHANNEL: 58

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5290030.05	30.05
100%		-30	5290020.27	20.27
100%		-20	5290078.86	78.86
100%		-10	5290076.23	76.23
100%		0	5290049.24	49.24
100%		+10	5290047.86	47.86
100%		+30	5290013.84	13.84
100%		+40	5290027.10	27.1
100%		+50	5290019.65	19.65
Max.	16.00	+20	5290003.28	3.28
Min.	9.00	+20	5290047.64	47.64

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C
OPERATING FREQUENCY: 5,530,000,000 Hz
CHANNEL: 106
REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5530089.38	89.38
100%		-30	5530092.70	92.70
100%		-20	5530098.28	98.28
100%		-10	5530031.98	31.98
100%		0	5530038.90	38.9
100%		+10	5530013.16	13.16
100%		+30	5530052.94	52.94
100%		+40	5530092.41	92.41
100%		+50	5530028.40	28.40
Max.	16.00	+20	5530081.91	81.91
Min.	9.00	+20	5530015.12	15.12

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,775,000,000 Hz

CHANNEL: 155

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5775026.65	26.65
100%		-30	5775077.51	77.51
100%		-20	5775078.59	78.59
100%		-10	5775005.25	5.25
100%		0	5775039.09	39.09
100%		+10	5775065.12	65.12
100%		+30	5775092.24	92.24
100%		+40	5775071.77	71.77
100%		+50	5775079.39	79.39
Max.	16.00	+20	5775050.60	50.60
Min.	9.00	+20	5775009.74	9.74

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

5 minutes

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,210,000,000 Hz

CHANNEL: 42

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5210063.14	63.14
100%		-30	5210080.92	80.92
100%		-20	5210006.09	6.09
100%		-10	5210079.30	79.30
100%		0	5210002.23	2.23
100%		+10	5210098.07	98.07
100%		+30	5210046.71	46.71
100%		+40	5210069.40	69.40
100%		+50	5210098.55	98.55
Max.	16.00	+20	5210068.46	68.46
Min.	9.00	+20	5210017.79	17.79

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,290,000,000 Hz

CHANNEL: 58

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5290007.09	7.09
100%		-30	5290069.09	69.09
100%		-20	5290072.94	72.94
100%		-10	5290075.16	75.16
100%		0	5290080.81	80.81
100%		+10	5290078.75	78.75
100%		+30	5290073.99	73.99
100%		+40	5290097.82	97.82
100%		+50	5290061.49	61.49
Max.	16.00	+20	5290040.58	40.58
Min.	9.00	+20	5290082.60	82.6

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,530,000,000 Hz

CHANNEL: 106

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5530078.24	78.24
100%		-30	5530096.63	96.63
100%		-20	5530057.73	57.73
100%		-10	5530052.09	52.09
100%		0	5530050.06	50.06
100%		+10	5530080.53	80.53
100%		+30	5530022.08	22.08
100%		+40	5530074.63	74.63
100%		+50	5530087.45	87.45
Max.	16.00	+20	5530091.38	91.38
Min.	9.00	+20	5530017.59	17.59

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,775,000,000 Hz

CHANNEL: 155

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5775097.48	97.48
100%		-30	5775054.99	54.99
100%		-20	5775062.33	62.33
100%		-10	5775067.31	67.31
100%		0	5775048.07	48.07
100%		+10	5775073.89	73.89
100%		+30	5775050.69	50.69
100%		+40	5775036.90	36.9
100%		+50	5775016.76	16.76
Max.	16.00	+20	5775090.67	90.67
Min.	9.00	+20	5775060.40	60.4

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

10 minutes

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,210,000,000 Hz

CHANNEL: 42

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5210064.05	64.05
100%		-30	5210048.12	48.12
100%		-20	5210039.92	39.92
100%		-10	5210020.70	20.70
100%		0	5210090.69	90.69
100%		+10	5210052.14	52.14
100%		+30	5210078.38	78.38
100%		+40	5210012.27	12.27
100%		+50	5210070.28	70.28
Max.	16.00	+20	5210013.51	13.51
Min.	9.00	+20	5210022.96	22.96

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,290,000,000 Hz

CHANNEL: 58

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5290016.05	16.05
100%		-30	5290095.45	95.45
100%		-20	5290043.80	43.8
100%		-10	5290043.40	43.4
100%		0	5290003.39	3.39
100%		+10	5290042.72	42.72
100%		+30	5290040.60	40.6
100%		+40	5290008.84	8.84
100%		+50	5290097.97	97.97
Max.	16.00	+20	5290004.58	4.58
Min.	9.00	+20	5290075.26	75.26

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C
OPERATING FREQUENCY: 5,530,000,000 Hz
CHANNEL: 106
REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5530054.50	54.50
100%		-30	5530090.11	90.11
100%		-20	5530036.39	36.39
100%		-10	5530088.97	88.97
100%		0	5530059.03	59.03
100%		+10	5530027.53	27.53
100%		+30	5530029.07	29.07
100%		+40	5530034.15	34.15
100%		+50	5530024.40	24.40
Max.	16.00	+20	5530034.70	34.70
Min.	9.00	+20	5530043.69	43.69

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,775,000,000 Hz

CHANNEL: 155

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5775030.57	30.57
100%		-30	5775084.05	84.05
100%		-20	5775040.84	40.84
100%		-10	5775066.21	66.21
100%		0	5775011.50	11.5
100%		+10	5775087.12	87.12
100%		+30	5775061.61	61.61
100%		+40	5775066.86	66.86
100%		+50	5775085.65	85.65
Max.	16.00	+20	5775090.89	90.89
Min.	9.00	+20	5775072.10	72.1

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

[External Ant]

20 MHz BW_ Startup

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,180,000,000 Hz

CHANNEL: 36

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5180010.62	10.62
100%		-30	5180017.11	17.11
100%		-20	5180037.72	37.72
100%		-10	5180064.59	64.59
100%		0	5180021.03	21.03
100%		+10	5180035.33	35.33
100%		+30	5180034.83	34.83
100%		+40	5180094.07	94.07
100%		+50	5180061.72	61.72
Max.	16.00	+20	5180032.19	32.19
Min.	9.00	+20	5180068.14	68.14

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5260028.68	28.68
100%		-30	5260010.19	10.19
100%		-20	5260022.43	22.43
100%		-10	5260071.85	71.85
100%		0	5260024.38	24.38
100%		+10	5260085.25	85.25
100%		+30	5260048.38	48.38
100%		+40	5260040.76	40.76
100%		+50	5260044.95	44.95
Max.	16.00	+20	5260017.05	17.05
Min.	9.00	+20	5260086.84	86.84

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C
OPERATING FREQUENCY: 5,500,000,000 Hz
CHANNEL: 100
REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5500040.98	40.98
100%		-30	5500030.20	30.20
100%		-20	5500051.11	51.11
100%		-10	5500043.03	43.03
100%		0	5500018.97	18.97
100%		+10	5500033.02	33.02
100%		+30	5500010.24	10.24
100%		+40	5500086.86	86.86
100%		+50	5500052.46	52.46
Max.	16.00	+20	5500052.57	52.57
Min.	9.00	+20	5500009.12	9.12

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5745010.30	10.30
100%		-30	5745092.71	92.71
100%		-20	5745005.32	5.32
100%		-10	5745060.93	60.93
100%		0	5745092.26	92.26
100%		+10	5745080.52	80.52
100%		+30	5745092.98	92.98
100%		+40	5745051.84	51.84
100%		+50	5745017.88	17.88
Max.	16.00	+20	5745050.29	50.29
Min.	9.00	+20	5745005.39	5.39

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

2 minutes

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,180,000,000 Hz

CHANNEL: 36

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5180095.73	95.73
100%		-30	5180060.39	60.39
100%		-20	5180084.88	84.88
100%		-10	5180038.42	38.42
100%		0	5180027.61	27.61
100%		+10	5180003.34	3.34
100%		+30	5180025.60	25.60
100%		+40	5180021.26	21.26
100%		+50	5180004.99	4.99
Max.	16.00	+20	5180052.33	52.33
Min.	9.00	+20	5180062.43	62.43

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5260083.29	83.29
100%		-30	5260013.24	13.24
100%		-20	5260014.82	14.82
100%		-10	5260032.75	32.75
100%		0	5260063.78	63.78
100%		+10	5260050.61	50.61
100%		+30	5260009.24	9.24
100%		+40	5260080.86	80.86
100%		+50	5260090.72	90.72
Max.	16.00	+20	5260009.02	9.02
Min.	9.00	+20	5260062.19	62.19

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,500,000,000 Hz

CHANNEL: 100

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5500027.89	27.89
100%		-30	5500008.24	8.24
100%		-20	5500017.15	17.15
100%		-10	5500058.90	58.9
100%		0	5500030.91	30.91
100%		+10	5500049.69	49.69
100%		+30	5500019.80	19.8
100%		+40	5500095.54	95.54
100%		+50	5500021.49	21.49
Max.	16.00	+20	5500094.81	94.81
Min.	9.00	+20	5500063.36	63.36

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5745027.39	27.39
100%		-30	5745045.67	45.67
100%		-20	5745039.20	39.2
100%		-10	5745024.76	24.76
100%		0	5745044.50	44.5
100%		+10	5745071.64	71.64
100%		+30	5745028.10	28.1
100%		+40	5745077.17	77.17
100%		+50	5745081.14	81.14
Max.	16.00	+20	5745021.48	21.48
Min.	9.00	+20	5745062.17	62.17

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

5 minutes

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,180,000,000 Hz

CHANNEL: 36

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5180052.49	52.49
100%		-30	5180010.48	10.48
100%		-20	5180005.80	5.80
100%		-10	5180086.51	86.51
100%		0	5180091.16	91.16
100%		+10	5180022.22	22.22
100%		+30	5180093.20	93.20
100%		+40	5180050.56	50.56
100%		+50	5180010.69	10.69
Max.	16.00	+20	5180029.51	29.51
Min.	9.00	+20	5180036.91	36.91

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5260022.23	22.23
100%		-30	5260065.90	65.90
100%		-20	5260029.02	29.02
100%		-10	5260020.92	20.92
100%		0	5260040.12	40.12
100%		+10	5260036.65	36.65
100%		+30	5260020.90	20.9
100%		+40	5260015.17	15.17
100%		+50	5260044.95	44.95
Max.	16.00	+20	5260046.08	46.08
Min.	9.00	+20	5260097.39	97.39

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C
OPERATING FREQUENCY: 5,500,000,000 Hz
CHANNEL: 100
REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5500007.21	7.21
100%		-30	5500032.02	32.02
100%		-20	5500012.95	12.95
100%		-10	5500022.61	22.61
100%		0	5500022.80	22.8
100%		+10	5500040.67	40.67
100%		+30	5500019.85	19.85
100%		+40	5500014.34	14.34
100%		+50	5500023.12	23.12
Max.	16.00	+20	5500003.08	3.08
Min.	9.00	+20	5500019.27	19.27

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5745031.90	31.90
100%		-30	5745058.02	58.02
100%		-20	5745070.32	70.32
100%		-10	5745001.03	1.03
100%		0	5745053.12	53.12
100%		+10	5745016.47	16.47
100%		+30	5745004.45	4.45
100%		+40	5745012.46	12.46
100%		+50	5745043.71	43.71
Max.	16.00	+20	5745074.26	74.26
Min.	9.00	+20	5745012.03	12.03

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

10 minutes

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,180,000,000 Hz

CHANNEL: 36

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5180037.38	37.38
100%		-30	5180093.99	93.99
100%		-20	5180002.11	2.11
100%		-10	5180063.34	63.34
100%		0	5180042.40	42.40
100%		+10	5180034.86	34.86
100%		+30	5180007.84	7.84
100%		+40	5180041.73	41.73
100%		+50	5180010.32	10.32
Max.	16.00	+20	5180093.27	93.27
Min.	9.00	+20	5180086.62	86.62

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5260059.74	59.74
100%		-30	5260007.81	7.81
100%		-20	5260021.68	21.68
100%		-10	5260026.88	26.88
100%		0	5260044.44	44.44
100%		+10	5260078.23	78.23
100%		+30	5260086.68	86.68
100%		+40	5260017.38	17.38
100%		+50	5260014.54	14.54
Max.	16.00	+20	5260027.16	27.16
Min.	9.00	+20	5260022.25	22.25

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,500,000,000 Hz

CHANNEL: 100

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5500084.48	84.48
100%		-30	5500016.14	16.14
100%		-20	5500055.86	55.86
100%		-10	5500069.43	69.43
100%		0	5500003.09	3.09
100%		+10	5500071.88	71.88
100%		+30	5500036.55	36.55
100%		+40	5500054.15	54.15
100%		+50	5500058.57	58.57
Max.	16.00	+20	5500089.68	89.68
Min.	9.00	+20	5500066.51	66.51

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5745027.30	27.30
100%		-30	5745012.04	12.04
100%		-20	5745085.92	85.92
100%		-10	5745057.73	57.73
100%		0	5745009.35	9.35
100%		+10	5745076.14	76.14
100%		+30	5745092.40	92.4
100%		+40	5745087.49	87.49
100%		+50	5745037.68	37.68
Max.	16.00	+20	5745018.91	18.91
Min.	9.00	+20	5745082.74	82.74

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

40 MHz BW_ Startup

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,190,000,000 Hz

CHANNEL: 38

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5190074.44	74.44
100%		-30	5190079.54	79.54
100%		-20	5190034.09	34.09
100%		-10	5190070.53	70.53
100%		0	5190026.50	26.50
100%		+10	5190066.44	66.44
100%		+30	5190039.46	39.46
100%		+40	5190066.74	66.74
100%		+50	5190081.04	81.04
Max.	16.00	+20	5190067.19	67.19
Min.	9.00	+20	5190085.99	85.99

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5270045.17	45.17
100%		-30	5270042.42	42.42
100%		-20	5270008.32	8.32
100%		-10	5270089.64	89.64
100%		0	5270011.45	11.45
100%		+10	5270035.17	35.17
100%		+30	5270036.90	36.9
100%		+40	5270091.92	91.92
100%		+50	5270094.86	94.86
Max.	16.00	+20	5270048.05	48.05
Min.	9.00	+20	5270096.28	96.28

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C
OPERATING FREQUENCY: 5,510,000,000 Hz
CHANNEL: 102
REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5510027.45	27.45
100%		-30	5510098.43	98.43
100%		-20	5510020.24	20.24
100%		-10	5510034.45	34.45
100%		0	5510054.60	54.6
100%		+10	5510084.14	84.14
100%		+30	5510017.73	17.73
100%		+40	5510070.06	70.06
100%		+50	5510038.23	38.23
Max.	16.00	+20	5510075.56	75.56
Min.	9.00	+20	5510001.43	1.43

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5755039.27	39.27
100%		-30	5755087.97	87.97
100%		-20	5755084.83	84.83
100%		-10	5755043.12	43.12
100%		0	5755008.20	8.2
100%		+10	5755057.44	57.44
100%		+30	5755017.91	17.91
100%		+40	5755065.76	65.76
100%		+50	5755058.11	58.11
Max.	16.00	+20	5755041.67	41.67
Min.	9.00	+20	5755079.11	79.11

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

2 minutes

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,190,000,000 Hz

CHANNEL: 38

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5190005.42	5.42
100%		-30	5190085.44	85.44
100%		-20	5190076.48	76.48
100%		-10	5190013.29	13.29
100%		0	5190042.61	42.61
100%		+10	5190061.71	61.71
100%		+30	5190087.47	87.47
100%		+40	5190061.90	61.90
100%		+50	5190085.03	85.03
Max.	16.00	+20	5190091.51	91.51
Min.	9.00	+20	5190011.95	11.95

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5270028.78	28.78
100%		-30	5270057.76	57.76
100%		-20	5270085.82	85.82
100%		-10	5270053.81	53.81
100%		0	5270059.46	59.46
100%		+10	5270008.89	8.89
100%		+30	5270066.45	66.45
100%		+40	5270040.54	40.54
100%		+50	5270048.14	48.14
Max.	16.00	+20	5270067.59	67.59
Min.	9.00	+20	5270037.78	37.78

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5510073.60	73.60
100%		-30	5510089.13	89.13
100%		-20	5510073.17	73.17
100%		-10	5510019.52	19.52
100%		0	5510089.49	89.49
100%		+10	5510092.42	92.42
100%		+30	5510096.10	96.1
100%		+40	5510086.32	86.32
100%		+50	5510095.86	95.86
Max.	16.00	+20	5510073.67	73.67
Min.	9.00	+20	5510099.69	99.69

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5755085.18	85.18
100%		-30	5755018.73	18.73
100%		-20	5755002.10	2.1
100%		-10	5755082.44	82.44
100%		0	5755052.66	52.66
100%		+10	5755096.85	96.85
100%		+30	5755049.28	49.28
100%		+40	5755017.54	17.54
100%		+50	5755031.29	31.29
Max.	16.00	+20	5755023.70	23.70
Min.	9.00	+20	5755077.19	77.19

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

5 minutes

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,190,000,000 Hz

CHANNEL: 38

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5190016.85	16.85
100%		-30	5190037.73	37.73
100%		-20	5190068.77	68.77
100%		-10	5190005.71	5.71
100%		0	5190012.35	12.35
100%		+10	5190047.86	47.86
100%		+30	5190071.46	71.46
100%		+40	5190073.71	73.71
100%		+50	5190043.21	43.21
Max.	16.00	+20	5190020.48	20.48
Min.	9.00	+20	5190022.92	22.92

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A
OPERATING FREQUENCY: 5,270,000,000 Hz
CHANNEL: 54
REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5270069.24	69.24
100%		-30	5270037.32	37.32
100%		-20	5270054.70	54.7
100%		-10	5270091.85	91.85
100%		0	5270091.80	91.8
100%		+10	5270070.39	70.39
100%		+30	5270071.53	71.53
100%		+40	5270013.86	13.86
100%		+50	5270019.37	19.37
Max.	16.00	+20	5270011.35	11.35
Min.	9.00	+20	5270045.70	45.7

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C
OPERATING FREQUENCY: 5,510,000,000 Hz
CHANNEL: 102
REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5510092.03	92.03
100%		-30	5510030.92	30.92
100%		-20	5510082.37	82.37
100%		-10	5510012.63	12.63
100%		0	5510059.43	59.43
100%		+10	5510081.11	81.11
100%		+30	5510030.40	30.4
100%		+40	5510089.70	89.7
100%		+50	5510026.38	26.38
Max.	16.00	+20	5510057.21	57.21
Min.	9.00	+20	5510097.23	97.23

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5755009.58	9.58
100%		-30	5755032.79	32.79
100%		-20	5755041.56	41.56
100%		-10	5755087.19	87.19
100%		0	5755022.35	22.35
100%		+10	5755050.63	50.63
100%		+30	5755088.12	88.12
100%		+40	5755067.19	67.19
100%		+50	5755068.09	68.09
Max.	16.00	+20	5755084.65	84.65
Min.	9.00	+20	5755017.18	17.18

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

10 minutes

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,190,000,000 Hz

CHANNEL: 38

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5190075.27	75.27
100%		-30	5190019.99	19.99
100%		-20	5190008.89	8.89
100%		-10	5190012.63	12.63
100%		0	5190076.77	76.77
100%		+10	5190049.67	49.67
100%		+30	5190048.50	48.50
100%		+40	5190043.60	43.60
100%		+50	5190094.06	94.06
Max.	16.00	+20	5190043.63	43.63
Min.	9.00	+20	5190042.81	42.81

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5270049.10	49.10
100%		-30	5270070.11	70.11
100%		-20	5270003.39	3.39
100%		-10	5270002.37	2.37
100%		0	5270002.73	2.73
100%		+10	5270020.76	20.76
100%		+30	5270013.32	13.32
100%		+40	5270053.09	53.09
100%		+50	5270005.77	5.77
Max.	16.00	+20	5270061.58	61.58
Min.	9.00	+20	5270043.60	43.6

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C
OPERATING FREQUENCY: 5,510,000,000 Hz
CHANNEL: 102
REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5510044.77	44.77
100%		-30	5510077.04	77.04
100%		-20	5510087.73	87.73
100%		-10	5510071.45	71.45
100%		0	5510026.39	26.39
100%		+10	5510045.95	45.95
100%		+30	5510057.27	57.27
100%		+40	5510094.29	94.29
100%		+50	5510012.20	12.20
Max.	16.00	+20	5510031.84	31.84
Min.	9.00	+20	5510006.39	6.39

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5755068.28	68.28
100%		-30	5755073.58	73.58
100%		-20	5755087.02	87.02
100%		-10	5755008.80	8.8
100%		0	5755057.34	57.34
100%		+10	5755059.49	59.49
100%		+30	5755037.45	37.45
100%		+40	5755004.38	4.38
100%		+50	5755040.39	40.39
Max.	16.00	+20	5755076.56	76.56
Min.	9.00	+20	5755085.21	85.21

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

80 MHz BW_ Startup

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,210,000,000 Hz

CHANNEL: 42

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5210078.77	78.77
100%		-30	5210008.08	8.08
100%		-20	5210076.43	76.43
100%		-10	5210057.70	57.70
100%		0	5210028.99	28.99
100%		+10	5210089.58	89.58
100%		+30	5210042.37	42.37
100%		+40	5210091.93	91.93
100%		+50	5210062.20	62.20
Max.	16.00	+20	5210073.57	73.57
Min.	9.00	+20	5210017.92	17.92

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,290,000,000 Hz

CHANNEL: 58

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5290059.34	59.34
100%		-30	5290025.94	25.94
100%		-20	5290095.86	95.86
100%		-10	5290088.11	88.11
100%		0	5290070.39	70.39
100%		+10	5290047.90	47.9
100%		+30	5290022.94	22.94
100%		+40	5290005.25	5.25
100%		+50	5290065.18	65.18
Max.	16.00	+20	5290065.89	65.89
Min.	9.00	+20	5290094.28	94.28

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,530,000,000 Hz

CHANNEL: 106

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5530045.78	45.78
100%		-30	5530049.33	49.33
100%		-20	5530070.42	70.42
100%		-10	5530031.75	31.75
100%		0	5530021.21	21.21
100%		+10	5530026.75	26.75
100%		+30	5530097.96	97.96
100%		+40	5530016.58	16.58
100%		+50	5530012.62	12.62
Max.	16.00	+20	5530038.20	38.20
Min.	9.00	+20	5530009.74	9.74

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,775,000,000 Hz

CHANNEL: 155

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5775072.26	72.26
100%		-30	5775007.81	7.81
100%		-20	5775075.31	75.31
100%		-10	5775031.10	31.1
100%		0	5775026.68	26.68
100%		+10	5775071.47	71.47
100%		+30	5775013.40	13.4
100%		+40	5775050.05	50.05
100%		+50	5775065.65	65.65
Max.	16.00	+20	5775066.49	66.49
Min.	9.00	+20	5775009.60	9.6

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

2 minutes

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,210,000,000 Hz

CHANNEL: 42

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5210020.45	20.45
100%		-30	5210001.37	1.37
100%		-20	5210006.16	6.16
100%		-10	5210091.42	91.42
100%		0	5210013.53	13.53
100%		+10	5210095.70	95.70
100%		+30	5210089.52	89.52
100%		+40	5210069.27	69.27
100%		+50	5210012.64	12.64
Max.	16.00	+20	5210010.53	10.53
Min.	9.00	+20	5210059.91	59.91

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,290,000,000 Hz

CHANNEL: 58

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5290062.30	62.30
100%		-30	5290051.25	51.25
100%		-20	5290033.79	33.79
100%		-10	5290059.88	59.88
100%		0	5290042.37	42.37
100%		+10	5290070.31	70.31
100%		+30	5290083.85	83.85
100%		+40	5290018.34	18.34
100%		+50	5290071.66	71.66
Max.	16.00	+20	5290012.41	12.41
Min.	9.00	+20	5290003.68	3.68

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,530,000,000 Hz

CHANNEL: 106

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5530090.91	90.91
100%		-30	5530076.86	76.86
100%		-20	5530016.48	16.48
100%		-10	5530021.18	21.18
100%		0	5530022.68	22.68
100%		+10	5530027.37	27.37
100%		+30	5530029.60	29.6
100%		+40	5530098.04	98.04
100%		+50	5530033.67	33.67
Max.	16.00	+20	5530056.61	56.61
Min.	9.00	+20	5530028.79	28.79

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,775,000,000 Hz

CHANNEL: 155

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5775048.41	48.41
100%		-30	5775004.90	4.90
100%		-20	5775021.18	21.18
100%		-10	5775086.74	86.74
100%		0	5775025.32	25.32
100%		+10	5775013.39	13.39
100%		+30	5775087.37	87.37
100%		+40	5775099.61	99.61
100%		+50	5775072.04	72.04
Max.	16.00	+20	5775005.97	5.97
Min.	9.00	+20	5775009.38	9.38

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

5 minutes

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,210,000,000 Hz

CHANNEL: 42

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5210040.07	40.07
100%		-30	5210089.85	89.85
100%		-20	5210034.46	34.46
100%		-10	5210034.60	34.60
100%		0	5210045.49	45.49
100%		+10	5210079.58	79.58
100%		+30	5210098.55	98.55
100%		+40	5210007.95	7.95
100%		+50	5210082.37	82.37
Max.	16.00	+20	5210095.24	95.24
Min.	9.00	+20	5210092.32	92.32

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,290,000,000 Hz

CHANNEL: 58

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5290087.45	87.45
100%		-30	5290020.95	20.95
100%		-20	5290068.36	68.36
100%		-10	5290082.17	82.17
100%		0	5290031.11	31.11
100%		+10	5290083.76	83.76
100%		+30	5290041.21	41.21
100%		+40	5290014.31	14.31
100%		+50	5290070.38	70.38
Max.	16.00	+20	5290021.07	21.07
Min.	9.00	+20	5290076.83	76.83

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,530,000,000 Hz

CHANNEL: 106

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5530051.70	51.70
100%		-30	5530095.98	95.98
100%		-20	5530091.18	91.18
100%		-10	5530023.67	23.67
100%		0	5530092.48	92.48
100%		+10	5530027.76	27.76
100%		+30	5530013.22	13.22
100%		+40	5530072.45	72.45
100%		+50	5530085.59	85.59
Max.	16.00	+20	5530078.81	78.81
Min.	9.00	+20	5530069.80	69.8

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,775,000,000 Hz

CHANNEL: 155

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5775003.45	3.45
100%		-30	5775066.16	66.16
100%		-20	5775072.42	72.42
100%		-10	5775042.85	42.85
100%		0	5775080.54	80.54
100%		+10	5775044.44	44.44
100%		+30	5775017.04	17.04
100%		+40	5775007.46	7.46
100%		+50	5775022.38	22.38
Max.	16.00	+20	5775017.56	17.56
Min.	9.00	+20	5775065.92	65.92

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

10 minutes

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,210,000,000 Hz

CHANNEL: 42

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5210048.91	48.91
100%		-30	5210026.68	26.68
100%		-20	5210003.51	3.51
100%		-10	5210068.81	68.81
100%		0	5210091.51	91.51
100%		+10	5210023.98	23.98
100%		+30	5210058.68	58.68
100%		+40	5210064.11	64.11
100%		+50	5210014.71	14.71
Max.	16.00	+20	5210056.23	56.23
Min.	9.00	+20	5210003.39	3.39

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A

OPERATING FREQUENCY: 5,290,000,000 Hz

CHANNEL: 58

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5290085.13	85.13
100%		-30	5290054.50	54.50
100%		-20	5290036.41	36.41
100%		-10	5290018.26	18.26
100%		0	5290088.95	88.95
100%		+10	5290041.37	41.37
100%		+30	5290006.14	6.14
100%		+40	5290052.55	52.55
100%		+50	5290016.42	16.42
Max.	16.00	+20	5290077.96	77.96
Min.	9.00	+20	5290066.42	66.42

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,530,000,000 Hz

CHANNEL: 106

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5530070.92	70.92
100%		-30	5530085.36	85.36
100%		-20	5530091.72	91.72
100%		-10	5530010.93	10.93
100%		0	5530089.71	89.71
100%		+10	5530022.77	22.77
100%		+30	5530043.99	43.99
100%		+40	5530021.62	21.62
100%		+50	5530021.77	21.77
Max.	16.00	+20	5530006.06	6.06
Min.	9.00	+20	5530003.03	3.03

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3

OPERATING FREQUENCY: 5,775,000,000 Hz

CHANNEL: 155

REFERENCE VOLTAGE: 12.0 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	12.00	+20(Ref)	5775038.72	38.72
100%		-30	5775070.08	70.08
100%		-20	5775036.48	36.48
100%		-10	5775019.39	19.39
100%		0	5775049.33	49.33
100%		+10	5775009.29	9.29
100%		+30	5775019.79	19.79
100%		+40	5775054.19	54.19
100%		+50	5775017.16	17.16
Max.	16.00	+20	5775063.54	63.54
Min.	9.00	+20	5775011.28	11.28

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

10.7 RADIATED MEASUREMENT

10.7.1 RADIATED SPURIOUS EMISSIONS.

Test Requirements and limit, §15.205, §15.209, §15.407

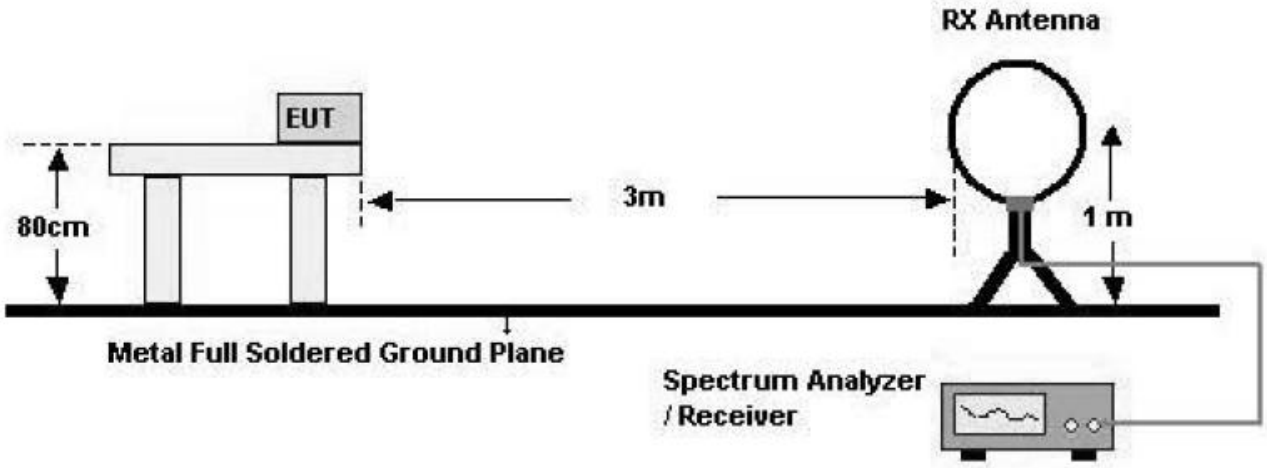
Frequency (MHz)	Field Strength (uV/m)	Measurement Distance (m)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

▣ §15.407,RSS-247, KDB 789033 D02

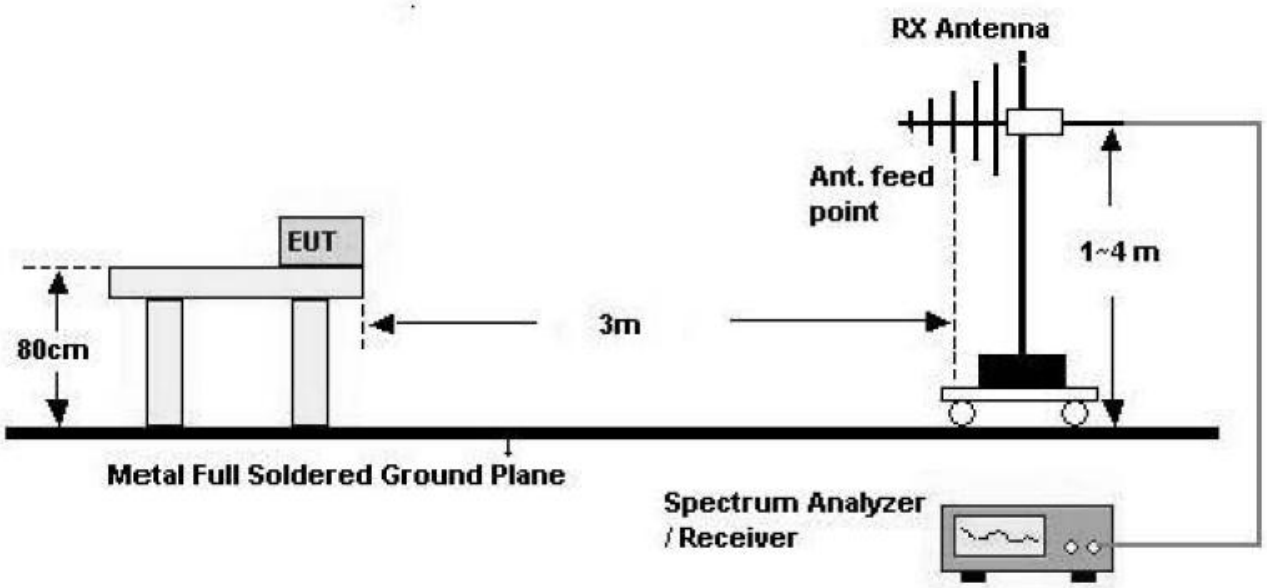
All harmonics that do not lie in a restricted band are subject to a peak limit of -27 dBm/MHz. At a distance of 3 meters the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/MHz to obtain the limit for out of band spurious emissions of 68.2 dBμV/m. Espectally, for transmitter operating in the 5725 Mhz – 5850 MHz : All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Test Configuration

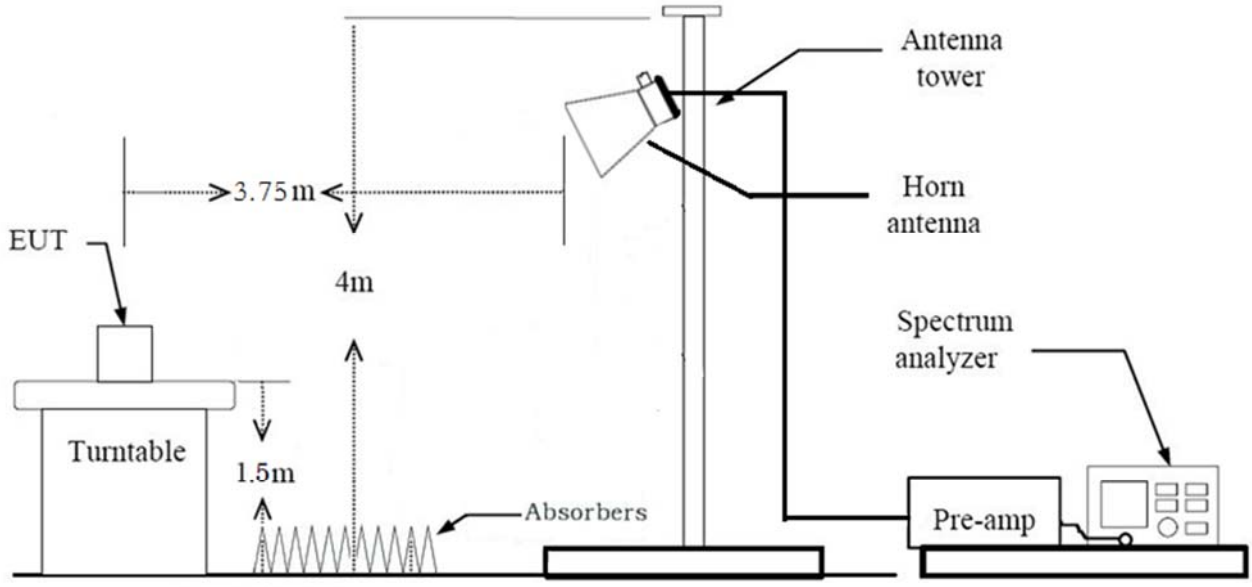
Below 30 MHz



30 MHz - 1 GHz



Above 1 GHz



TEST PROCEDURE USED

ANSI C63.10:2013

Method G)5) in KDB 789033 D02 v02r01 (Peak)

Method G)6)d) in KDB 789033 D02 v02r01 (Average)

. Spectrum setting:

- Peak.

1. RBW = 1 MHz
2. VBW ≥ 3 MHz
3. Detector = Peak
4. Sweep Time = auto
5. Trace mode = max hold
6. Allow sweeps to continue until the trace stabilizes.
7. Note that if the transmission is not continuous, the time required for the trace to stabilize will increase by a factor of approximately 1/x, where x is the duty cycle.

- Average (Method VB :Averaging using reduced video bandwidth)

1. RBW = 1 MHz
2. VBW
   2.1. If the EUT is configured to transmit with duty cycle ≥ 98 percent, set VBW ≤ RBW/100(i.e., 10 kHz) but not less than 10 Hz.
   2.2. If the EUT duty cycle is < 98 percent, set VBW ≥ 1/T, where T is the minimum transmission duration.
3. The analyzer is set to linear detector mode.
4. Detector = Peak.
5. Sweep time = auto.
6. Trace mode = max hold.
7. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98 percent duty cycle. For lower duty cycles, increase the minimym number of traces by a factor of 1/x, where x is the duty cycle.

Note :

1. We used the Method VB for 802.11a/n_HT20, n_HT40, ac_VHT20, 40, 80 mode to perform the average filed strength measurements.
2. The actual setting value of VBW for 802.11a/n_HT20, n_HT40, ac_VHT20, 40, 80
3. According to SVSWR requirement in ANSI 63.4-2014, We performed the radiated test at 3.75 m distance from center of turn table. So, we applied the distance factor(reference distance : 3 m).
4. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

[Internal Ant]

Mode	Worst Data rate (Mbps)	T_{on} (ms)	T_{total} (ms)	Duty Cycle (%)	VBW(1/T) (Hz)	The actual setting value of VBW (Hz)
a	**6**	**2.067**	**2.167**	**0.95399853**	**484**	**1000**
n_HT20	**MCS 0**	**1.919**	**2.020**	**0.95010395**	**521**	**1000**
ac_VHT20	**MCS 0**	**1.932**	**2.033**	**0.95000320**	**518**	**1000**
n_HT40	**MCS 0**	**0.943**	**1.045**	**0.90238868**	**1061**	**3000**
ac_VHT40	**MCS 0**	**0.952**	**1.054**	**0.90322581**	**1050**	**3000**
ac_VHT80	**MCS 0**	**0.460**	**0.561**	**0.82020143**	**2173**	**3000**

[External Ant]

Mode	Worst Data rate (Mbps)	T_{on} (ms)	T_{total} (ms)	Duty Cycle (%)	VBW(1/T) (Hz)	The actual setting value of VBW (Hz)
a	**6**	**2.063**	**2.167**	**0.95200007**	**485**	**1000**
n_HT20	**MCS 0**	**0.980**	**1.081**	**0.90630696**	**1021**	**1000**
ac_VHT20	**MCS 0**	**1.932**	**2.033**	**0.95000320**	**518**	**1000**
n_HT40	**MCS 0**	**0.942**	**1.044**	**0.90296741**	**1061**	**3000**
ac_VHT40	**MCS 0**	**0.953**	**1.054**	**0.90392125**	**1050**	**3000**
ac_VHT80	**MCS 0**	**0.460**	**0.561**	**0.81996435**	**2174**	**3000**

TEST RESULTS

9 kHz – 30MHz

Operation Mode: Normal Mode

Frequency	Reading	Ant. factor	Cable loss	Ant. POL	Total	Limit	Margin
MHz	dBμV	dB /m	dB	(H/V)	dBμV/m	dBμV/m	dB
No Critical peaks found							

Notes:

1. Measuring frequencies from 9 kHz to the 30MHz.
2. The reading of emissions are attenuated more than 20 dB below the permissible limits or the field strength is too small to be measured.
3. Distance extrapolation factor = 40 log (specific distance / test distance) (dB)
4. Limit line = specific Limits (dBuV) + Distance extrapolation factor
5. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
6. The test results for below 30 MHz is correlated to an open site.
   The result on OATS is about 2 dB higher than semi-anechoic chamber (10 m chamber)

TEST RESULTS

Below 1 GHz

Operation Mode: Normal Mode

Frequency	Reading	Ant. factor	Cable loss	Ant. POL	Total	Limit	Margin
㎒	dB㎶	dB /m	dB	(H/V)	dB㎶/m	dB㎶/m	dB
No Critical peaks found							

Notes:

1. Measuring frequencies from 30 MHz to the 1 GHz.
2. Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Quasi peak detector mode.
3. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Above 1 GHz

[Internal Ant]

Band :	UNII 1
Operation Mode:	802.11 a
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10360	53.10	4.47	V	57.57	68.20	10.63	PK
15540	59.95	1.80	V	61.75	73.98	12.23	PK
15540	42.78	1.80	V	44.58	53.98	9.40	AV
10360	52.96	4.47	H	57.43	68.20	10.77	PK
15540	59.85	1.80	H	61.65	73.98	12.33	PK
15540	42.69	1.80	H	44.49	53.98	9.49	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11 a
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10400	52.91	3.22	V	56.13	68.20	12.07	PK
15600	59.87	1.06	V	60.93	73.98	13.05	PK
15600	42.64	1.06	V	43.70	53.98	10.28	AV
10400	52.18	3.22	H	55.40	68.20	12.80	PK
15600	59.35	1.06	H	60.41	73.98	13.57	PK
15600	42.09	1.06	H	43.15	53.98	10.83	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11 a
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10480	53.66	3.53	V	57.19	68.20	11.01	PK
15720	65.61	1.54	V	67.15	73.98	6.83	PK
15720	48.85	1.54	V	50.39	53.98	3.59	AV
10480	53.55	3.53	H	57.08	68.20	11.12	PK
15720	65.11	1.54	H	66.65	73.98	7.33	PK
15720	48.51	1.54	H	50.05	53.98	3.93	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11 n_HT20
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10360	52.99	4.47	V	57.46	68.20	10.74	PK
15540	59.65	1.80	V	61.45	73.98	12.53	PK
15540	42.64	1.80	V	44.44	53.98	9.54	AV
10360	52.75	4.47	H	57.22	68.20	10.98	PK
15540	59.48	1.80	H	61.28	73.98	12.70	PK
15540	42.59	1.80	H	44.39	53.98	9.59	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11 n_HT20
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10400	52.87	3.22	V	56.09	68.20	12.11	PK
15600	59.66	1.06	V	60.72	73.98	13.26	PK
15600	42.58	1.06	V	43.64	53.98	10.34	AV
10400	52.14	3.22	H	55.36	68.20	12.84	PK
15600	59.24	1.06	H	60.30	73.98	13.68	PK
15600	42.31	1.06	H	43.37	53.98	10.61	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11 n_HT20
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10480	53.47	3.53	V	57.00	68.20	11.20	PK
15720	65.57	1.54	V	67.11	73.98	6.87	PK
15720	48.64	1.54	V	50.18	53.98	3.80	AV
10480	53.40	3.53	H	56.93	68.20	11.27	PK
15720	65.04	1.54	H	66.58	73.98	7.40	PK
15720	48.22	1.54	H	49.76	53.98	4.22	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10360	52.97	4.47	V	57.44	68.20	10.76	PK
15540	59.71	1.80	V	61.51	73.98	12.47	PK
15540	42.51	1.80	V	44.31	53.98	9.67	AV
10360	52.67	4.47	H	57.14	68.20	11.06	PK
15540	59.44	1.80	H	61.24	73.98	12.74	PK
15540	42.43	1.80	H	44.23	53.98	9.75	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10400	52.69	3.22	V	55.91	68.20	12.29	PK
15600	59.45	1.06	V	60.51	73.98	13.47	PK
15600	42.46	1.06	V	43.52	53.98	10.46	AV
10400	52.45	3.22	H	55.67	68.20	12.53	PK
15600	59.11	1.06	H	60.17	73.98	13.81	PK
15600	42.51	1.06	H	43.57	53.98	10.41	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10480	53.40	3.53	V	56.93	68.20	11.27	PK
15720	65.40	1.54	V	66.94	73.98	7.04	PK
15720	48.54	1.54	V	50.08	53.98	3.90	AV
10480	53.29	3.53	H	56.82	68.20	11.38	PK
15720	64.98	1.54	H	66.52	73.98	7.46	PK
15720	48.31	1.54	H	49.85	53.98	4.13	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11n_HT40
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10380	52.95	2.88	V	55.83	68.20	12.37	PK
15570	53.95	1.57	V	55.52	73.98	18.46	PK
15570	41.19	1.57	V	42.76	53.98	11.22	AV
10380	52.86	2.88	H	55.74	68.20	12.46	PK
15570	53.69	1.57	H	55.26	73.98	18.72	PK
15570	41.05	1.57	H	42.62	53.98	11.36	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT40. Worst case is MCS0 in 802.11n_HT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11n_HT40
Operating Frequency	5230 MHz
Channel No.	46 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10460	53.91	3.56	V	57.47	68.20	10.73	PK
15690	57.95	1.38	V	59.33	73.98	14.65	PK
15690	42.32	1.38	V	43.70	53.98	10.28	AV
10460	53.46	3.56	H	57.02	68.20	11.18	PK
15690	57.87	1.38	H	59.25	73.98	14.73	PK
15690	42.28	1.38	H	43.66	53.98	10.32	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT40. Worst case is MCS0 in 802.11n_HT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11ac_VHT40
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10380	52.65	2.88	V	55.53	68.20	12.67	PK
15570	53.84	1.57	V	55.41	73.98	18.57	PK
15570	40.94	1.57	V	42.51	53.98	11.47	AV
10380	52.69	2.88	H	55.57	68.20	12.63	PK
15570	53.57	1.57	H	55.14	73.98	18.84	PK
15570	41.11	1.57	H	42.68	53.98	11.30	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT40. Worst case is MCS0 in 802.11ac_VHT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11ac_VHT40
Operating Frequency	5230 MHz
Channel No.	46 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10460	53.45	3.56	V	57.01	68.20	11.19	PK
15690	56.97	1.38	V	58.35	73.98	15.63	PK
15690	41.89	1.38	V	43.27	53.98	10.71	AV
10460	53.31	3.56	H	56.87	68.20	11.33	PK
15690	56.77	1.38	H	58.15	73.98	15.83	PK
15690	41.84	1.38	H	43.22	53.98	10.76	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT40. Worst case is MCS0 in 802.11ac_VHT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11ac_VHT80
Operating Frequency	5210 MHz
Channel No.	42 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10420	52.55	2.64	V	55.19	68.20	13.01	PK
15630	52.46	1.84	V	54.30	73.98	19.68	PK
15630	39.20	1.84	V	41.04	53.98	12.94	AV
10420	52.49	2.64	H	55.13	68.20	13.07	PK
15630	52.12	1.84	H	53.96	73.98	20.02	PK
15630	39.17	1.84	H	41.01	53.98	12.97	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT80. Worst case is MCS0 in 802.11ac_VHT80.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11 a
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	52.98	2.35	V	55.33	68.20	12.87	PK
15780	64.54	2.07	V	66.61	73.98	7.37	PK
15780	47.93	2.07	V	50.00	53.98	3.98	AV
10520	52.86	2.35	H	55.21	68.20	12.99	PK
15780	64.31	2.07	H	66.38	73.98	7.60	PK
15780	47.69	2.07	H	49.76	53.98	4.22	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11 a
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	53.95	3.16	V	57.11	73.98	16.87	PK
10600	41.23	3.16	V	44.39	53.98	9.59	AV
15900	65.06	1.23	V	66.29	73.98	7.69	PK
15900	48.24	1.23	V	49.47	53.98	4.51	AV
10600	53.85	3.16	H	57.01	73.98	16.97	PK
10600	41.16	3.16	H	44.32	53.98	9.66	AV
15900	64.98	1.23	H	66.21	73.98	7.77	PK
15900	48.11	1.23	H	49.34	53.98	4.64	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11 a
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	52.90	3.07	V	55.97	73.98	18.01	PK
10640	41.31	3.07	V	44.38	53.98	9.60	AV
15960	65.35	2.06	V	67.41	73.98	6.57	PK
15960	48.35	2.06	V	50.41	53.98	3.57	AV
10640	52.82	3.07	H	55.89	73.98	18.09	PK
10640	41.29	3.07	H	44.36	53.98	9.62	AV
15960	65.22	2.06	H	67.28	73.98	6.70	PK
15960	48.16	2.06	H	50.22	53.98	3.76	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11 n_HT20
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	52.79	2.35	V	55.14	68.20	13.06	PK
15780	64.49	2.07	V	66.56	73.98	7.42	PK
15780	47.81	2.07	V	49.88	53.98	4.10	AV
10520	52.75	2.35	H	55.10	68.20	13.10	PK
15780	64.28	2.07	H	66.35	73.98	7.63	PK
15780	47.66	2.07	H	49.73	53.98	4.25	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11 n_HT20
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	53.78	3.16	V	56.94	73.98	17.04	PK
10600	41.19	3.16	V	44.35	53.98	9.63	AV
15900	64.94	1.23	V	66.17	73.98	7.81	PK
15900	48.18	1.23	V	49.41	53.98	4.57	AV
10600	53.55	3.16	H	56.71	73.98	17.27	PK
10600	41.20	3.16	H	44.36	53.98	9.62	AV
15900	64.70	1.23	H	65.93	73.98	8.05	PK
15900	48.01	1.23	H	49.24	53.98	4.74	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11 n_HT20
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	52.47	3.07	V	55.54	73.98	18.44	PK
10640	41.21	3.07	V	44.28	53.98	9.70	AV
15960	65.18	2.06	V	67.24	73.98	6.74	PK
15960	48.30	2.06	V	50.36	53.98	3.62	AV
10640	52.75	3.07	H	55.82	73.98	18.16	PK
10640	41.19	3.07	H	44.26	53.98	9.72	AV
15960	65.17	2.06	H	67.23	73.98	6.75	PK
15960	48.23	2.06	H	50.29	53.98	3.69	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5260MHz
Channel No.	52 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	52.72	2.35	V	55.07	68.20	13.13	PK
15780	64.47	2.07	V	66.54	73.98	7.44	PK
15780	47.69	2.07	V	49.76	53.98	4.22	AV
10520	53.10	2.35	H	55.45	68.20	12.75	PK
15780	64.12	2.07	H	66.19	73.98	7.79	PK
15780	47.58	2.07	H	49.65	53.98	4.33	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	53.81	3.16	V	56.97	73.98	17.01	PK
10600	41.37	3.16	V	44.53	53.98	9.45	AV
15900	64.80	1.23	V	66.03	73.98	7.95	PK
15900	48.21	1.23	V	49.44	53.98	4.54	AV
10600	53.49	3.16	H	56.65	73.98	17.33	PK
10600	41.16	3.16	H	44.32	53.98	9.66	AV
15900	64.87	1.23	H	66.10	73.98	7.88	PK
15900	48.13	1.23	H	49.36	53.98	4.62	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	54.10	3.07	V	57.17	73.98	16.81	PK
10640	41.29	3.07	V	44.36	53.98	9.62	AV
15960	64.99	2.06	V	67.05	73.98	6.93	PK
15960	48.19	2.06	V	50.25	53.98	3.73	AV
10640	53.65	3.07	H	56.72	73.98	17.26	PK
10640	41.34	3.07	H	44.41	53.98	9.57	AV
15960	64.84	2.06	H	66.90	73.98	7.08	PK
15960	48.11	2.06	H	50.17	53.98	3.81	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11n_HT40
Operating Frequency	5270 MHz
Channel No.	54 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10540	52.68	3.85	V	56.53	68.20	11.67	PK
15810	62.14	2.79	V	64.93	73.98	9.05	PK
15810	46.84	2.79	V	49.63	53.98	4.35	AV
10540	52.53	3.85	H	56.38	68.20	11.82	PK
15810	62.02	2.79	H	64.81	73.98	9.17	PK
15810	46.71	2.79	H	49.50	53.98	4.48	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT40. Worst case is MCS0 in 802.11n_HT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11n_HT40
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10620	53.10	2.96	V	56.06	73.98	17.92	PK
10620	39.59	2.96	V	42.55	53.98	11.43	AV
15930	55.60	1.43	V	57.03	73.98	16.95	PK
15930	41.23	1.43	V	42.66	53.98	11.32	AV
10620	53.54	2.96	H	56.50	73.98	17.48	PK
10620	39.56	2.96	H	42.52	53.98	11.46	AV
15930	55.16	1.43	H	56.59	73.98	17.39	PK
15930	41.12	1.43	H	42.55	53.98	11.43	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT40. Worst case is MCS0 in 802.11n_HT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11ac_VHT40
Operating Frequency	5270 MHz
Channel No.	54 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10540	52.69	3.85	V	56.54	68.20	11.66	PK
15810	62.04	2.79	V	64.83	73.98	9.15	PK
15810	46.65	2.79	V	49.44	53.98	4.54	AV
10540	52.71	3.85	H	56.56	68.20	11.64	PK
15810	61.98	2.79	H	64.77	73.98	9.21	PK
15810	46.44	2.79	H	49.23	53.98	4.75	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT40. Worst case is MCS0 in 802.11ac_VHT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11ac_VHT40
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10620	53.04	2.96	V	56.00	73.98	17.98	PK
10620	39.78	2.96	V	42.74	53.98	11.24	AV
15930	55.76	1.43	V	57.19	73.98	16.79	PK
15930	41.56	1.43	V	42.99	53.98	10.99	AV
10620	53.41	2.96	H	56.37	73.98	17.61	PK
10620	39.43	2.96	H	42.39	53.98	11.59	AV
15930	55.97	1.43	H	57.40	73.98	16.58	PK
15930	41.71	1.43	H	43.14	53.98	10.84	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT40. Worst case is MCS0 in 802.11ac_VHT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11ac_VHT80
Operating Frequency	5290 MHz
Channel No.	58 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10580	52.39	2.79	V	55.18	68.20	13.02	PK
15870	52.33	2.47	V	54.80	73.98	19.18	PK
15870	39.11	2.47	V	41.58	53.98	12.40	AV
10580	52.24	2.79	H	55.03	68.20	13.17	PK
15870	52.37	2.47	H	54.84	73.98	19.14	PK
15870	39.04	2.47	H	41.51	53.98	12.47	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT80. Worst case is MCS0 in 802.11ac_VHT80.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11 a
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	49.38	3.36	V	52.74	73.98	21.24	PK
11000	35.99	3.36	V	39.35	53.98	14.63	AV
16500	51.93	5.07	V	57.00	68.20	11.20	PK
11000	49.56	3.36	H	52.92	73.98	21.06	PK
11000	36.10	3.36	H	39.46	53.98	14.52	AV
16500	51.81	5.07	H	56.88	68.20	11.32	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11 a
Operating Frequency	5580 MHz
Channel No.	116 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11160	49.87	4.07	V	53.94	73.98	20.04	PK
11160	36.87	4.07	V	40.94	53.98	13.04	AV
16740	58.03	4.79	V	62.82	68.20	5.38	PK
11160	49.90	4.07	H	53.97	73.98	20.01	PK
11160	36.79	4.07	H	40.86	53.98	13.12	AV
16740	57.95	4.79	H	62.74	68.20	5.46	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11 a
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11440	55.91	3.57	V	59.48	73.98	14.50	PK
11440	41.23	3.57	V	44.80	53.98	9.18	AV
17160	58.26	5.24	V	63.50	68.20	4.70	PK
11440	55.47	3.57	H	59.04	73.98	14.94	PK
11440	41.14	3.57	H	44.71	53.98	9.27	AV
17160	57.51	5.24	H	62.75	68.20	5.45	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11 n_HT20
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	50.10	3.36	V	53.46	73.98	20.52	PK
11000	36.26	3.36	V	39.62	53.98	14.36	AV
16500	51.98	5.07	V	57.05	68.20	11.15	PK
11000	49.81	3.36	H	53.17	73.98	20.81	PK
11000	36.24	3.36	H	39.60	53.98	14.38	AV
16500	51.58	5.07	H	56.65	68.20	11.55	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11 n_HT20
Operating Frequency	5580 MHz
Channel No.	116 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11160	49.96	4.07	V	54.03	73.98	19.95	PK
11160	36.91	4.07	V	40.98	53.98	13.00	AV
16740	57.33	4.79	V	62.12	68.20	6.08	PK
11160	49.82	4.07	H	53.89	73.98	20.09	PK
11160	36.49	4.07	H	40.56	53.98	13.42	AV
16740	57.12	4.79	H	61.91	68.20	6.29	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11 n_HT20
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11440	55.94	3.57	V	59.51	73.98	14.47	PK
11440	41.18	3.57	V	44.75	53.98	9.23	AV
17160	58.13	5.24	V	63.37	68.20	4.83	PK
11440	55.81	3.57	H	59.38	73.98	14.60	PK
11440	41.16	3.57	H	44.73	53.98	9.25	AV
17160	57.94	5.24	H	63.18	68.20	5.02	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_ HT20. Worst case is MCS0 in 802.11n_ HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5500MHz
Channel No.	100 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	50.13	3.36	V	53.49	73.98	20.49	PK
11000	36.40	3.36	V	39.76	53.98	14.22	AV
16500	51.84	5.07	V	56.91	68.20	11.29	PK
11000	49.88	3.36	H	53.24	73.98	20.74	PK
11000	36.18	3.36	H	39.54	53.98	14.44	AV
16500	51.43	5.07	H	56.50	68.20	11.70	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5580 MHz
Channel No.	116 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11160	49.97	4.07	V	54.04	73.98	19.94	PK
11160	36.21	4.07	V	40.28	53.98	13.70	AV
16740	57.62	4.79	V	62.41	68.20	5.79	PK
11160	49.88	4.07	H	53.95	73.98	20.03	PK
11160	36.34	4.07	H	40.41	53.98	13.57	AV
16740	57.06	4.79	H	61.85	68.20	6.35	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11440	56.13	3.57	V	59.70	73.98	14.28	PK
11440	41.20	3.57	V	44.77	53.98	9.21	AV
17160	58.07	5.24	V	63.31	68.20	4.89	PK
11440	55.96	3.57	H	59.53	73.98	14.45	PK
11440	41.19	3.57	H	44.76	53.98	9.22	AV
17160	58.19	5.24	H	63.43	68.20	4.77	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_ VHT20. Worst case is MCS0 in 802.11ac_ VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11n_HT40
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11020	50.10	2.97	V	53.07	73.98	20.91	PK
11020	35.98	2.97	V	38.95	53.98	15.03	AV
16530	51.36	4.15	V	55.51	68.20	12.69	PK
11020	49.91	2.97	H	52.88	73.98	21.10	PK
11020	35.75	2.97	H	38.72	53.98	15.26	AV
16530	51.29	4.15	H	55.44	68.20	12.76	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT40. Worst case is MCS0 in 802.11n_HT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11n_HT40
Operating Frequency	5550 MHz
Channel No.	110 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11100	49.99	2.79	V	52.78	73.98	21.20	PK
11100	36.18	2.79	V	38.97	53.98	15.01	AV
16650	56.89	7.19	V	64.08	68.20	4.12	PK
11100	49.78	2.79	H	52.57	73.98	21.41	PK
11100	36.14	2.79	H	38.93	53.98	15.05	AV
16650	56.76	7.19	H	63.95	68.20	4.25	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT40. Worst case is MCS0 in 802.11n_HT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11n_HT40
Operating Frequency	5710 MHz
Channel No.	142 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11420	56.05	3.36	V	59.41	73.98	14.57	PK
11420	41.56	3.36	V	44.92	53.98	9.06	AV
17130	57.10	7.02	V	64.12	68.20	4.08	PK
11420	55.91	3.36	H	59.27	73.98	14.71	PK
11420	41.05	3.36	H	44.41	53.98	9.57	AV
17130	56.84	7.02	H	63.86	68.20	4.34	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT40. Worst case is MCS0 in 802.11n_HT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11ac_VHT40
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11020	49.86	2.97	V	52.83	73.98	21.15	PK
11020	35.93	2.97	V	38.90	53.98	15.08	AV
16530	51.24	4.15	V	55.39	68.20	12.81	PK
11020	49.68	2.97	H	52.65	73.98	21.33	PK
11020	35.84	2.97	H	38.81	53.98	15.17	AV
16530	51.19	4.15	H	55.34	68.20	12.86	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT40. Worst case is MCS0 in 802.11ac_VHT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11ac_VHT40
Operating Frequency	5550 MHz
Channel No.	110 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11100	49.92	2.79	V	52.71	73.98	21.27	PK
11100	36.04	2.79	V	38.83	53.98	15.15	AV
16650	55.72	7.19	V	62.91	68.20	5.29	PK
11100	49.78	2.79	H	52.57	73.98	21.41	PK
11100	35.97	2.79	H	38.76	53.98	15.22	AV
16650	55.64	7.19	H	62.83	68.20	5.37	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT40. Worst case is MCS0 in 802.11ac_VHT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11ac_VHT40
Operating Frequency	5710 MHz
Channel No.	142 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11420	55.97	3.36	V	59.33	73.98	14.65	PK
11420	41.26	3.36	V	44.62	53.98	9.36	AV
17130	57.04	7.02	V	64.06	68.20	4.14	PK
11420	55.84	3.36	H	59.20	73.98	14.78	PK
11420	40.96	3.36	H	44.32	53.98	9.66	AV
17130	56.94	7.02	H	63.96	68.20	4.24	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT40. Worst case is MCS0 in 802.11ac_VHT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11ac_VHT80
Operating Frequency	5530 MHz
Channel No.	106 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11060	50.48	3.46	V	53.94	73.98	20.04	PK
11060	35.70	3.46	V	39.16	53.98	14.82	AV
16590	51.47	4.11	V	55.58	68.20	12.62	PK
11060	50.13	3.46	H	53.59	73.98	20.39	PK
11060	35.49	3.46	H	38.95	53.98	15.03	AV
16590	51.36	4.11	H	55.47	68.20	12.73	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT80. Worst case is MCS0 in 802.11ac_VHT80.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11ac_VHT80
Operating Frequency	5690 MHz
Channel No.	138 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11380	54.69	3.41	V	58.10	73.98	15.88	PK
11380	40.86	3.41	V	44.27	53.98	9.71	AV
17070	56.87	5.78	V	62.65	68.20	5.55	PK
11380	54.55	3.41	H	57.96	73.98	16.02	PK
11380	40.88	3.41	H	44.29	53.98	9.69	AV
17070	56.73	5.78	H	62.51	68.20	5.69	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT80. Worst case is MCS0 in 802.11ac_VHT80.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11 a
Operating Frequency	5745MHz
Channel No.	149 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	53.53	2.87	V	56.40	73.98	17.58	PK
11490	41.12	2.87	V	43.99	53.98	9.99	AV
17235	56.71	7.44	V	64.15	68.20	4.06	PK
11490	53.34	2.51	H	55.85	73.98	18.13	PK
11490	41.06	2.51	H	43.57	53.98	10.41	AV
17235	56.57	7.44	H	64.01	68.20	4.20	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11 a
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	53.79	2.48	V	56.27	73.98	17.71	PK
11570	40.11	2.48	V	42.59	53.98	11.39	AV
17355	56.03	7.86	V	63.89	68.20	4.32	PK
11570	53.61	2.48	H	56.09	73.98	17.89	PK
11570	40.05	2.48	H	42.53	53.98	11.45	AV
17355	55.91	7.86	H	63.77	68.20	4.44	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11 a
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	57.21	3.24	V	60.45	73.98	13.53	PK
11650	42.67	3.24	V	45.91	53.98	8.07	AV
17475	56.52	8.14	V	64.66	68.20	3.55	PK
11650	57.05	3.24	H	60.29	73.98	13.69	PK
11650	42.36	3.24	H	45.60	53.98	8.38	AV
17475	56.24	8.14	H	64.38	68.20	3.83	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11 n_HT20
Operating Frequency	5745 MHz
Channel No.	149 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	53.41	2.87	V	56.28	73.98	17.70	PK
11490	41.10	2.87	V	43.97	53.98	10.01	AV
17235	56.64	7.44	V	64.08	68.20	4.13	PK
11490	53.16	2.51	H	55.67	73.98	18.31	PK
11490	41.00	2.51	H	43.51	53.98	10.47	AV
17235	56.51	7.44	H	63.95	68.20	4.26	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11 n_HT20
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	53.72	2.48	V	56.20	73.98	17.78	PK
11570	40.06	2.48	V	42.54	53.98	11.44	AV
17355	56.10	7.86	V	63.96	68.20	4.25	PK
11570	53.55	2.48	H	56.03	73.98	17.95	PK
11570	39.98	2.48	H	42.46	53.98	11.52	AV
17355	55.91	7.86	H	63.77	68.20	4.44	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11 n_HT20
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	57.19	3.24	V	60.43	73.98	13.55	PK
11650	42.61	3.24	V	45.85	53.98	8.13	AV
17475	56.23	8.14	V	64.37	68.20	3.84	PK
11650	56.98	3.24	H	60.22	73.98	13.76	PK
11650	42.38	3.24	H	45.62	53.98	8.36	AV
17475	56.10	8.14	H	64.24	68.20	3.97	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5745 MHz
Channel No.	149 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	53.29	2.87	V	56.16	73.98	17.82	PK
11490	41.05	2.87	V	43.92	53.98	10.06	AV
17235	56.57	7.44	V	64.01	68.20	4.20	PK
11490	53.50	2.51	H	56.01	73.98	17.97	PK
11490	41.13	2.51	H	43.64	53.98	10.34	AV
17235	56.22	7.44	H	63.66	68.20	4.55	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	53.77	2.48	V	56.25	73.98	17.73	PK
11570	40.16	2.48	V	42.64	53.98	11.34	AV
17355	55.81	7.86	V	63.67	68.20	4.54	PK
11570	53.29	2.48	H	55.77	73.98	18.21	PK
11570	39.81	2.48	H	42.29	53.98	11.69	AV
17355	55.84	7.86	H	63.70	68.20	4.51	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	57.20	3.24	V	60.44	73.98	13.54	PK
11650	42.50	3.24	V	45.74	53.98	8.24	AV
17475	56.19	8.14	V	64.33	68.20	3.88	PK
11650	56.87	3.24	H	60.11	73.98	13.87	PK
11650	42.19	3.24	H	45.43	53.98	8.55	AV
17475	56.08	8.14	H	64.22	68.20	3.99	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII3
Operation Mode:	802.11n_HT40
Operating Frequency	5755 MHz
Channel No.	151 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11510	52.99	2.90	V	55.89	73.98	18.09	PK
11510	41.01	2.90	V	43.91	53.98	10.07	AV
17265	54.97	6.80	V	61.77	68.20	6.43	PK
11510	53.18	2.90	H	56.08	73.98	17.90	PK
11510	40.57	2.90	H	43.47	53.98	10.51	AV
17265	54.84	6.80	H	61.64	68.20	6.56	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT40. Worst case is MCS0 in 802.11n_HT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11n_HT40
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11590	52.98	3.72	V	56.70	73.98	17.28	PK
11590	39.42	3.72	V	43.14	53.98	10.84	AV
17385	55.80	7.21	V	63.01	68.20	5.20	PK
11590	53.14	3.72	H	56.86	73.98	17.12	PK
11590	39.57	3.72	H	43.29	53.98	10.69	AV
17385	55.72	7.21	H	62.93	68.20	5.28	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT40. Worst case is MCS0 in 802.11n_HT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11ac_VHT40
Operating Frequency	5755 MHz
Channel No.	151 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11510	53.31	2.90	V	56.21	73.98	17.77	PK
11510	40.79	2.90	V	43.69	53.98	10.29	AV
17265	54.90	6.80	V	61.70	68.20	6.50	PK
11510	53.22	2.90	H	56.12	73.98	17.86	PK
11510	40.98	2.90	H	43.88	53.98	10.10	AV
17265	54.86	6.80	H	61.66	68.20	6.54	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT40. Worst case is MCS0 in 802.11ac_VHT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11ac_VHT40
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11590	53.16	3.72	V	56.88	73.98	17.10	PK
11590	39.84	3.72	V	43.56	53.98	10.42	AV
17385	55.94	7.21	V	63.15	68.20	5.06	PK
11590	53.29	3.72	H	57.01	73.98	16.97	PK
11590	39.71	3.72	H	43.43	53.98	10.55	AV
17385	55.81	7.21	H	63.02	68.20	5.19	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT40. Worst case is MCS0 in 802.11ac_VHT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11ac_VHT80
Operating Frequency	5775 MHz
Channel No.	155 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11550	54.80	3.32	V	58.12	73.98	15.86	PK
11550	39.90	3.32	V	43.22	53.98	10.76	AV
17325	56.42	8.09	V	64.51	68.20	3.70	PK
11550	54.00	3.32	H	57.32	73.98	16.66	PK
11550	38.96	3.32	H	42.28	53.98	11.70	AV
17325	55.98	8.09	H	64.07	68.20	4.14	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT80. Worst case is MCS0 in 802.11ac_VHT80.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

[External Ant]

Band :	UNII 1
Operation Mode:	802.11 a
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10360	49.96	4.47	V	54.43	68.20	13.77	PK
15540	58.00	1.80	V	59.80	73.98	14.18	PK
15540	42.07	1.80	V	43.87	53.98	10.11	AV
10360	49.68	4.47	H	54.15	68.20	14.05	PK
15540	58.31	1.80	H	60.11	73.98	13.87	PK
15540	42.00	1.80	H	43.80	53.98	10.18	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11 a
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10400	50.59	3.22	V	53.81	68.20	14.39	PK
15600	56.35	1.06	V	57.41	73.98	16.57	PK
15600	40.52	1.06	V	41.58	53.98	12.40	AV
10400	50.58	3.22	H	53.80	68.20	14.40	PK
15600	55.95	1.06	H	57.01	73.98	16.97	PK
15600	40.39	1.06	H	41.45	53.98	12.53	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11 a
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10480	49.12	3.53	V	52.65	68.20	15.55	PK
15720	58.90	1.54	V	60.44	73.98	13.54	PK
15720	42.63	1.54	V	44.17	53.98	9.81	AV
10480	49.08	3.53	H	52.61	68.20	15.59	PK
15720	58.79	1.54	H	60.33	73.98	13.65	PK
15720	42.52	1.54	H	44.06	53.98	9.92	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11 n_HT20
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10360	49.89	4.47	V	54.36	68.20	13.84	PK
15540	58.66	1.80	V	60.46	73.98	13.52	PK
15540	42.18	1.80	V	43.98	53.98	10.00	AV
10360	49.75	4.47	H	54.22	68.20	13.98	PK
15540	57.98	1.80	H	59.78	73.98	14.20	PK
15540	42.26	1.80	H	44.06	53.98	9.92	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11 n_HT20
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10400	50.81	3.22	V	54.03	68.20	14.17	PK
15600	56.41	1.06	V	57.47	73.98	16.51	PK
15600	40.48	1.06	V	41.54	53.98	12.44	AV
10400	50.83	3.22	H	54.05	68.20	14.15	PK
15600	56.37	1.06	H	57.43	73.98	16.55	PK
15600	40.39	1.06	H	41.45	53.98	12.53	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11 n_HT20
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10480	49.25	3.53	V	52.78	68.20	15.42	PK
15720	58.25	1.54	V	59.79	73.98	14.19	PK
15720	42.51	1.54	V	44.05	53.98	9.93	AV
10480	49.22	3.53	H	52.75	68.20	15.45	PK
15720	58.18	1.54	H	59.72	73.98	14.26	PK
15720	42.45	1.54	H	43.99	53.98	9.99	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10360	49.92	4.47	V	54.39	68.20	13.81	PK
15540	58.56	1.80	V	60.36	73.98	13.62	PK
15540	42.23	1.80	V	44.03	53.98	9.95	AV
10360	49.81	4.47	H	54.28	68.20	13.92	PK
15540	58.16	1.80	H	59.96	73.98	14.02	PK
15540	42.19	1.80	H	43.99	53.98	9.99	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10400	50.69	3.22	V	53.91	68.20	14.29	PK
15600	56.47	1.06	V	57.53	73.98	16.45	PK
15600	40.69	1.06	V	41.75	53.98	12.23	AV
10400	50.64	3.22	H	53.86	68.20	14.34	PK
15600	56.29	1.06	H	57.35	73.98	16.63	PK
15600	40.53	1.06	H	41.59	53.98	12.39	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10480	49.31	3.53	V	52.84	68.20	15.36	PK
15720	58.31	1.54	V	59.85	73.98	14.13	PK
15720	42.56	1.54	V	44.10	53.98	9.88	AV
10480	49.25	3.53	H	52.78	68.20	15.42	PK
15720	58.17	1.54	H	59.71	73.98	14.27	PK
15720	42.39	1.54	H	43.93	53.98	10.05	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11n_HT40
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10380	49.04	2.88	V	51.92	68.20	16.28	PK
15570	54.33	1.57	V	55.90	73.98	18.08	PK
15570	39.12	1.57	V	40.69	53.98	13.29	AV
10380	49.01	2.88	H	51.89	68.20	16.31	PK
15570	54.28	1.57	H	55.85	73.98	18.13	PK
15570	39.05	1.57	H	40.62	53.98	13.36	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT40. Worst case is MCS0 in 802.11n_HT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11n_HT40
Operating Frequency	5230 MHz
Channel No.	46 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10460	50.26	3.56	V	53.82	68.20	14.38	PK
15690	54.12	1.38	V	55.50	73.98	18.48	PK
15690	38.96	1.38	V	40.34	53.98	13.64	AV
10460	50.13	3.56	H	53.69	68.20	14.51	PK
15690	53.98	1.38	H	55.36	73.98	18.62	PK
15690	38.91	1.38	H	40.29	53.98	13.69	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT40. Worst case is MCS0 in 802.11n_HT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11ac_VHT40
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10380	49.20	2.88	V	52.08	68.20	16.12	PK
15570	54.29	1.57	V	55.86	73.98	18.12	PK
15570	39.05	1.57	V	40.62	53.98	13.36	AV
10380	49.11	2.88	H	51.99	68.20	16.21	PK
15570	54.17	1.57	H	55.74	73.98	18.24	PK
15570	38.85	1.57	H	40.42	53.98	13.56	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT40. Worst case is MCS0 in 802.11ac_VHT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11ac_VHT40
Operating Frequency	5230 MHz
Channel No.	46 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10460	50.16	3.56	V	53.72	68.20	14.48	PK
15690	54.26	1.38	V	55.64	73.98	18.34	PK
15690	38.68	1.38	V	40.06	53.98	13.92	AV
10460	50.17	3.56	H	53.73	68.20	14.47	PK
15690	54.23	1.38	H	55.61	73.98	18.37	PK
15690	38.57	1.38	H	39.95	53.98	14.03	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT40. Worst case is MCS0 in 802.11ac_VHT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 1
Operation Mode:	802.11ac_VHT80
Operating Frequency	5210 MHz
Channel No.	42 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10420	48.59	2.64	V	51.23	68.20	16.97	PK
15630	49.42	1.84	V	51.26	73.98	22.72	PK
15630	35.62	1.84	V	37.46	53.98	16.52	AV
10420	48.43	2.64	H	51.07	68.20	17.13	PK
15630	49.25	1.84	H	51.09	73.98	22.89	PK
15630	35.34	1.84	H	37.18	53.98	16.80	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT80. Worst case is MCS0 in 802.11ac_VHT80.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11 a
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	49.98	2.35	V	52.33	68.20	15.87	PK
15780	57.59	2.07	V	59.66	73.98	14.32	PK
15780	41.59	2.07	V	43.66	53.98	10.32	AV
10520	49.91	2.35	H	52.26	68.20	15.94	PK
15780	57.52	2.07	H	59.59	73.98	14.39	PK
15780	41.56	2.07	H	43.63	53.98	10.35	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11 a
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	50.12	3.16	V	53.28	73.98	20.70	PK
10600	37.98	3.16	V	41.14	53.98	12.84	AV
15900	58.45	1.23	V	59.68	73.98	14.30	PK
15900	42.29	1.23	V	43.52	53.98	10.46	AV
10600	50.07	3.16	H	53.23	73.98	20.75	PK
10600	37.93	3.16	H	41.09	53.98	12.89	AV
15900	58.23	1.23	H	59.46	73.98	14.52	PK
15900	42.19	1.23	H	43.42	53.98	10.56	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11 a
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	49.42	3.07	V	52.49	73.98	21.49	PK
10640	38.02	3.07	V	41.09	53.98	12.89	AV
15960	58.08	2.06	V	60.14	73.98	13.84	PK
15960	42.30	2.06	V	44.36	53.98	9.62	AV
10640	49.26	3.07	H	52.33	73.98	21.65	PK
10640	37.96	3.07	H	41.03	53.98	12.95	AV
15960	58.03	2.06	H	60.09	73.98	13.89	PK
15960	42.23	2.06	H	44.29	53.98	9.69	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11 n_HT20
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	50.17	2.35	V	52.52	68.20	15.68	PK
15780	57.63	2.07	V	59.70	73.98	14.28	PK
15780	41.73	2.07	V	43.80	53.98	10.18	AV
10520	48.85	2.35	H	51.20	68.20	17.00	PK
15780	56.41	2.07	H	58.48	73.98	15.50	PK
15780	40.21	2.07	H	42.28	53.98	11.70	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11 n_HT20
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	51.11	3.16	V	54.27	73.98	19.71	PK
10600	38.10	3.16	V	41.26	53.98	12.72	AV
15900	58.29	1.23	V	59.52	73.98	14.46	PK
15900	42.31	1.23	V	43.54	53.98	10.44	AV
10600	50.02	3.16	H	53.18	73.98	20.80	PK
10600	36.50	3.16	H	39.66	53.98	14.32	AV
15900	57.14	1.23	H	58.37	73.98	15.61	PK
15900	41.82	1.23	H	43.05	53.98	10.93	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11 n_HT20
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	49.39	3.07	V	52.46	73.98	21.52	PK
10640	38.23	3.07	V	41.30	53.98	12.68	AV
15960	58.08	2.06	V	60.14	73.98	13.84	PK
15960	42.18	2.06	V	44.24	53.98	9.74	AV
10640	48.25	3.07	H	51.32	73.98	22.66	PK
10640	37.62	3.07	H	40.69	53.98	13.29	AV
15960	57.06	2.06	H	59.12	73.98	14.86	PK
15960	41.25	2.06	H	43.31	53.98	10.67	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5260MHz
Channel No.	52 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	50.11	2.35	V	52.46	68.20	15.74	PK
15780	57.80	2.07	V	59.87	73.98	14.11	PK
15780	41.69	2.07	V	43.76	53.98	10.22	AV
10520	49.93	2.35	H	52.28	68.20	15.92	PK
15780	56.98	2.07	H	59.05	73.98	14.93	PK
15780	41.58	2.07	H	43.65	53.98	10.33	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	51.69	3.16	V	54.85	73.98	19.13	PK
10600	38.12	3.16	V	41.28	53.98	12.70	AV
15900	58.18	1.23	V	59.41	73.98	14.57	PK
15900	42.17	1.23	V	43.40	53.98	10.58	AV
10600	51.66	3.16	H	54.82	73.98	19.16	PK
10600	38.05	3.16	H	41.21	53.98	12.77	AV
15900	58.13	1.23	H	59.36	73.98	14.62	PK
15900	42.10	1.23	H	43.33	53.98	10.65	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	49.45	3.07	V	52.52	73.98	21.46	PK
10640	38.41	3.07	V	41.48	53.98	12.50	AV
15960	58.17	2.06	V	60.23	73.98	13.75	PK
15960	42.23	2.06	V	44.29	53.98	9.69	AV
10640	49.41	3.07	H	52.48	73.98	21.50	PK
10640	38.29	3.07	H	41.36	53.98	12.62	AV
15960	57.95	2.06	H	60.01	73.98	13.97	PK
15960	42.16	2.06	H	44.22	53.98	9.76	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11n_HT40
Operating Frequency	5270 MHz
Channel No.	54 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10540	49.26	3.85	V	53.11	68.20	15.09	PK
15810	54.51	2.79	V	57.30	73.98	16.68	PK
15810	38.54	2.79	V	41.33	53.98	12.65	AV
10540	49.12	3.85	H	52.97	68.20	15.23	PK
15810	54.69	2.79	H	57.48	73.98	16.50	PK
15810	38.68	2.79	H	41.47	53.98	12.51	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT40. Worst case is MCS0 in 802.11n_HT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11n_HT40
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10620	49.17	2.96	V	52.13	73.98	21.85	PK
10620	36.29	2.96	V	39.25	53.98	14.73	AV
15930	54.59	1.43	V	56.02	73.98	17.96	PK
15930	38.49	1.43	V	39.92	53.98	14.06	AV
10620	49.12	2.96	H	52.08	73.98	21.90	PK
10620	36.31	2.96	H	39.27	53.98	14.71	AV
15930	54.55	1.43	H	55.98	73.98	18.00	PK
15930	38.44	1.43	H	39.87	53.98	14.11	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT40. Worst case is MCS0 in 802.11n_HT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11ac_VHT40
Operating Frequency	5270 MHz
Channel No.	54 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10540	50.13	3.85	V	53.98	68.20	14.22	PK
15810	54.39	2.79	V	57.18	73.98	16.80	PK
15810	38.49	2.79	V	41.28	53.98	12.70	AV
10540	50.14	3.85	H	53.99	68.20	14.21	PK
15810	54.23	2.79	H	57.02	73.98	16.96	PK
15810	38.44	2.79	H	41.23	53.98	12.75	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT40. Worst case is MCS0 in 802.11ac_VHT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11ac_VHT40
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10620	49.53	2.96	V	52.49	73.98	21.49	PK
10620	36.81	2.96	V	39.77	53.98	14.21	AV
15930	54.81	1.43	V	56.24	73.98	17.74	PK
15930	38.64	1.43	V	40.07	53.98	13.91	AV
10620	49.64	2.96	H	52.60	73.98	21.38	PK
10620	36.71	2.96	H	39.67	53.98	14.31	AV
15930	54.72	1.43	H	56.15	73.98	17.83	PK
15930	38.57	1.43	H	40.00	53.98	13.98	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT40. Worst case is MCS0 in 802.11ac_VHT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2A
Operation Mode:	802.11ac_VHT80
Operating Frequency	5290 MHz
Channel No.	58 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10580	49.23	2.79	V	52.02	68.20	16.18	PK
15870	53.94	2.47	V	56.41	73.98	17.57	PK
15870	38.51	2.47	V	40.98	53.98	13.00	AV
10580	49.11	2.79	H	51.90	68.20	16.30	PK
15870	53.79	2.47	H	56.26	73.98	17.72	PK
15870	38.27	2.47	H	40.74	53.98	13.24	AV

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT80. Worst case is MCS0 in 802.11ac_VHT80.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11 a
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	50.96	3.36	V	54.32	73.98	19.66	PK
11000	38.46	3.36	V	41.82	53.98	12.16	AV
16500	57.90	5.07	V	62.97	68.20	5.23	PK
11000	50.85	3.36	H	54.21	73.98	19.77	PK
11000	38.31	3.36	H	41.67	53.98	12.31	AV
16500	57.86	5.07	H	62.93	68.20	5.27	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11 a
Operating Frequency	5580 MHz
Channel No.	116 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11160	49.53	4.07	V	53.60	73.98	20.38	PK
11160	36.27	4.07	V	40.34	53.98	13.64	AV
16740	52.91	4.79	V	57.70	68.20	10.50	PK
11160	49.39	4.07	H	53.46	73.98	20.52	PK
11160	36.19	4.07	H	40.26	53.98	13.72	AV
16740	52.88	4.79	H	57.67	68.20	10.53	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11 a
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11440	49.73	3.57	V	53.30	73.98	20.68	PK
11440	36.15	3.57	V	39.72	53.98	14.26	AV
17160	51.10	5.24	V	56.34	68.20	11.86	PK
11440	50.12	3.57	H	53.69	73.98	20.29	PK
11440	36.51	3.57	H	40.08	53.98	13.90	AV
17160	50.99	5.24	H	56.23	68.20	11.97	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11 n_HT20
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	48.82	3.36	V	52.18	73.98	21.80	PK
11000	35.80	3.36	V	39.16	53.98	14.82	AV
16500	58.19	5.07	V	63.26	68.20	4.94	PK
11000	48.68	3.36	H	52.04	73.98	21.94	PK
11000	35.73	3.36	H	39.09	53.98	14.89	AV
16500	58.11	5.07	H	63.18	68.20	5.02	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11 n_HT20
Operating Frequency	5580 MHz
Channel No.	116 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11160	49.35	4.07	V	53.42	73.98	20.56	PK
11160	36.20	4.07	V	40.27	53.98	13.71	AV
16740	52.08	4.79	V	56.87	68.20	11.33	PK
11160	49.28	4.07	H	53.35	73.98	20.63	PK
11160	36.18	4.07	H	40.25	53.98	13.73	AV
16740	51.96	4.79	H	56.75	68.20	11.45	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11 n_HT20
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11440	49.17	3.57	V	52.74	73.98	21.24	PK
11440	35.53	3.57	V	39.10	53.98	14.88	AV
17160	49.31	5.24	V	54.55	68.20	13.65	PK
11440	49.13	3.57	H	52.70	73.98	21.28	PK
11440	35.42	3.57	H	38.99	53.98	14.99	AV
17160	49.23	5.24	H	54.47	68.20	13.73	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_ HT20. Worst case is MCS0 in 802.11n_ HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5500MHz
Channel No.	100 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	48.68	3.36	V	52.04	73.98	21.94	PK
11000	35.76	3.36	V	39.12	53.98	14.86	AV
16500	58.21	5.07	V	63.28	68.20	4.92	PK
11000	49.10	3.36	H	52.46	73.98	21.52	PK
11000	35.68	3.36	H	39.04	53.98	14.94	AV
16500	58.17	5.07	H	63.24	68.20	4.96	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5580 MHz
Channel No.	116 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11160	49.23	4.07	V	53.30	73.98	20.68	PK
11160	36.11	4.07	V	40.18	53.98	13.80	AV
16740	52.07	4.79	V	56.86	68.20	11.34	PK
11160	49.16	4.07	H	53.23	73.98	20.75	PK
11160	36.08	4.07	H	40.15	53.98	13.83	AV
16740	52.22	4.79	H	57.01	68.20	11.19	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11440	49.20	3.57	V	52.77	73.98	21.21	PK
11440	35.46	3.57	V	39.03	53.98	14.95	AV
17160	49.25	5.24	V	54.49	68.20	13.71	PK
11440	49.17	3.57	H	52.74	73.98	21.24	PK
11440	35.41	3.57	H	38.98	53.98	15.00	AV
17160	49.16	5.24	H	54.40	68.20	13.80	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_ VHT20. Worst case is MCS0 in 802.11ac_ VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11n_HT40
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11020	48.86	2.97	V	51.83	73.98	22.15	PK
11020	35.88	2.97	V	38.85	53.98	15.13	AV
16530	51.55	4.15	V	55.70	68.20	12.50	PK
11020	48.69	2.97	H	51.66	73.98	22.32	PK
11020	35.96	2.97	H	38.93	53.98	15.05	AV
16530	51.48	4.15	H	55.63	68.20	12.57	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT40. Worst case is MCS0 in 802.11n_HT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11n_HT40
Operating Frequency	5550 MHz
Channel No.	110 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11100	48.94	2.79	V	51.73	73.98	22.25	PK
11100	36.16	2.79	V	38.95	53.98	15.03	AV
16650	50.82	7.19	V	58.01	68.20	10.19	PK
11100	48.78	2.79	H	51.57	73.98	22.41	PK
11100	36.13	2.79	H	38.92	53.98	15.06	AV
16650	50.78	7.19	H	57.97	68.20	10.23	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT40. Worst case is MCS0 in 802.11n_HT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11n_HT40
Operating Frequency	5710 MHz
Channel No.	142 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11420	49.28	3.36	V	52.64	73.98	21.34	PK
11420	35.35	3.36	V	38.71	53.98	15.27	AV
17130	49.54	7.02	V	56.56	68.20	11.64	PK
11420	49.14	3.36	H	52.50	73.98	21.48	PK
11420	35.21	3.36	H	38.57	53.98	15.41	AV
17130	49.42	7.02	H	56.44	68.20	11.76	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT40. Worst case is MCS0 in 802.11n_HT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11ac_VHT40
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11020	48.97	2.97	V	51.94	73.98	22.04	PK
11020	35.91	2.97	V	38.88	53.98	15.10	AV
16530	51.09	4.15	V	55.24	68.20	12.96	PK
11020	48.86	2.97	H	51.83	73.98	22.15	PK
11020	35.85	2.97	H	38.82	53.98	15.16	AV
16530	51.01	4.15	H	55.16	68.20	13.04	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT40. Worst case is MCS0 in 802.11ac_VHT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11ac_VHT40
Transfer MCS Index:	0
Operating Frequency	5550 MHz
Channel No.	110 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11100	48.93	2.79	V	51.72	73.98	22.26	PK
11100	36.21	2.79	V	39.00	53.98	14.98	AV
16650	50.91	7.19	V	58.10	68.20	10.10	PK
11100	48.86	2.79	H	51.65	73.98	22.33	PK
11100	36.18	2.79	H	38.97	53.98	15.01	AV
16650	50.78	7.19	H	57.97	68.20	10.23	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT40. Worst case is MCS0 in 802.11ac_VHT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11ac_VHT40
Operating Frequency	5710 MHz
Channel No.	142 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11420	49.36	3.36	V	52.72	73.98	21.26	PK
11420	35.26	3.36	V	38.62	53.98	15.36	AV
17130	50.38	7.02	V	57.40	68.20	10.80	PK
11420	49.24	3.36	H	52.60	73.98	21.38	PK
11420	35.18	3.36	H	38.54	53.98	15.44	AV
17130	50.24	7.02	H	57.26	68.20	10.94	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT40. Worst case is MCS0 in 802.11ac_VHT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11ac_VHT80
Operating Frequency	5530 MHz
Channel No.	106 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11060	48.86	3.46	V	52.32	73.98	21.66	PK
11060	35.65	3.46	V	39.11	53.98	14.87	AV
16590	51.23	4.11	V	55.34	68.20	12.86	PK
11060	48.71	3.46	H	52.17	73.98	21.81	PK
11060	35.44	3.46	H	38.90	53.98	15.08	AV
16590	51.30	4.11	H	55.41	68.20	12.79	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT80. Worst case is MCS0 in 802.11ac_VHT80.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 2C
Operation Mode:	802.11ac_VHT80
Operating Frequency	5690 MHz
Channel No.	138 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11380	48.86	3.41	V	52.27	73.98	21.71	PK
11380	36.31	3.41	V	39.72	53.98	14.26	AV
17070	50.96	5.78	V	56.74	68.20	11.46	PK
11380	48.77	3.41	H	52.18	73.98	21.80	PK
11380	36.47	3.41	H	39.88	53.98	14.10	AV
17070	50.80	5.78	H	56.58	68.20	11.62	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT80. Worst case is MCS0 in 802.11ac_VHT80.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11 a
Operating Frequency	5745MHz
Channel No.	149 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	49.13	2.87	V	52.00	73.98	21.98	PK
11490	35.77	2.87	V	38.64	53.98	15.34	AV
17235	50.43	7.44	V	57.87	68.20	10.34	PK
11490	49.20	2.51	H	51.71	73.98	22.27	PK
11490	35.94	2.51	H	38.45	53.98	15.53	AV
17235	50.59	7.44	H	58.03	68.20	10.18	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11 a
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	48.93	2.48	V	51.41	73.98	22.57	PK
11570	34.78	2.48	V	37.26	53.98	16.72	AV
17355	51.94	7.86	V	59.80	68.20	8.41	PK
11570	49.22	2.48	H	51.70	73.98	22.28	PK
11570	34.90	2.48	H	37.38	53.98	16.60	AV
17355	51.87	7.86	H	59.73	68.20	8.48	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11 a
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	49.27	3.24	V	52.51	73.98	21.47	PK
11650	35.54	3.24	V	38.78	53.98	15.20	AV
17475	55.65	8.14	V	63.79	68.20	4.42	PK
11650	49.38	3.24	H	52.62	73.98	21.36	PK
11650	35.75	3.24	H	38.99	53.98	14.99	AV
17475	55.18	8.14	H	63.32	68.20	4.89	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11 n_HT20
Operating Frequency	5745 MHz
Channel No.	149 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	49.22	2.87	V	52.09	73.98	21.89	PK
11490	35.86	2.87	V	38.73	53.98	15.25	AV
17235	50.37	7.44	V	57.81	68.20	10.40	PK
11490	49.13	2.51	H	51.64	73.98	22.34	PK
11490	35.71	2.51	H	38.22	53.98	15.76	AV
17235	50.22	7.44	H	57.66	68.20	10.55	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11 n_HT20
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	48.86	2.48	V	51.34	73.98	22.64	PK
11570	34.98	2.48	V	37.46	53.98	16.52	AV
17355	51.95	7.86	V	59.81	68.20	8.40	PK
11570	48.61	2.48	H	51.09	73.98	22.89	PK
11570	35.10	2.48	H	37.58	53.98	16.40	AV
17355	51.98	7.86	H	59.84	68.20	8.37	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11 n_HT20
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	50.56	3.24	V	53.80	73.98	20.18	PK
11650	35.77	3.24	V	39.01	53.98	14.97	AV
17475	56.94	8.14	V	65.08	68.20	3.13	PK
11650	50.49	3.24	H	53.73	73.98	20.25	PK
11650	35.73	3.24	H	38.97	53.98	15.01	AV
17475	56.84	8.14	H	64.98	68.20	3.22	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT20. Worst case is MCS0 in 802.11n_HT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5745 MHz
Channel No.	149 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	49.31	2.87	V	52.18	73.98	21.80	PK
11490	35.91	2.87	V	38.78	53.98	15.20	AV
17235	50.45	7.44	V	57.89	68.20	10.32	PK
11490	49.25	2.51	H	51.76	73.98	22.22	PK
11490	35.78	2.51	H	38.29	53.98	15.69	AV
17235	50.36	7.44	H	57.80	68.20	10.41	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	48.90	2.48	V	51.38	73.98	22.60	PK
11570	35.01	2.48	V	37.49	53.98	16.49	AV
17355	52.10	7.86	V	59.96	68.20	8.25	PK
11570	49.11	2.48	H	51.59	73.98	22.39	PK
11570	34.99	2.48	H	37.47	53.98	16.51	AV
17355	52.05	7.86	H	59.91	68.20	8.30	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802g.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11 ac_VHT20
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	48.93	3.24	V	52.17	73.98	21.81	PK
11650	35.66	3.24	V	38.90	53.98	15.08	AV
17475	57.06	8.14	V	65.20	68.20	3.01	PK
11650	48.81	3.24	H	52.05	73.98	21.93	PK
11650	35.71	3.24	H	38.95	53.98	15.03	AV
17475	56.95	8.14	H	65.09	68.20	3.11	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT20. Worst case is MCS0 in 802.11ac_VHT20.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII3
Operation Mode:	802.11n_HT40
Operating Frequency	5755 MHz
Channel No.	151 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11510	49.12	2.90	V	52.02	73.98	21.96	PK
11510	35.84	2.90	V	38.74	53.98	15.24	AV
17265	51.69	6.80	V	58.49	68.20	9.71	PK
11510	49.11	2.90	H	52.01	73.98	21.97	PK
11510	35.72	2.90	H	38.62	53.98	15.36	AV
17265	51.58	6.80	H	58.38	68.20	9.82	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT40. Worst case is MCS0 in 802.11n_HT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11n_HT40
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11590	50.45	3.72	V	54.17	73.98	19.81	PK
11590	36.61	3.72	V	40.33	53.98	13.65	AV
17385	49.37	7.21	V	56.58	68.20	11.63	PK
11590	50.28	3.72	H	54.00	73.98	19.98	PK
11590	36.55	3.72	H	40.27	53.98	13.71	AV
17385	49.21	7.21	H	56.42	68.20	11.79	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11n_HT40. Worst case is MCS0 in 802.11n_HT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11ac_VHT40
Operating Frequency	5755 MHz
Channel No.	151 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11510	50.21	2.90	V	53.11	73.98	20.87	PK
11510	35.75	2.90	V	38.65	53.98	15.33	AV
17265	51.75	6.80	V	58.55	68.20	9.65	PK
11510	50.17	2.90	H	53.07	73.98	20.91	PK
11510	35.62	2.90	H	38.52	53.98	15.46	AV
17265	51.71	6.80	H	58.51	68.20	9.69	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT40. Worst case is MCS0 in 802.11ac_VHT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11ac_VHT40
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11590	48.18	3.72	V	51.90	73.98	22.08	PK
11590	35.28	3.72	V	39.00	53.98	14.98	AV
17385	51.94	7.21	V	59.15	68.20	9.06	PK
11590	48.04	3.72	H	51.76	73.98	22.22	PK
11590	35.11	3.72	H	38.83	53.98	15.15	AV
17385	51.79	7.21	H	59.00	68.20	9.21	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT40. Worst case is MCS0 in 802.11ac_VHT40.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

Band :	UNII 3
Operation Mode:	802.11ac_VHT80
Operating Frequency	5775 MHz
Channel No.	155 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G.+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11550	49.27	3.32	V	52.59	73.98	21.39	PK
11550	35.84	3.32	V	39.16	53.98	14.82	AV
17325	48.47	8.09	V	56.56	68.20	11.65	PK
11550	49.41	3.32	H	52.73	73.98	21.25	PK
11550	35.71	3.32	H	39.03	53.98	14.95	AV
17325	48.36	8.09	H	56.45	68.20	11.76	PK

*AN. : Antenna Factor / CL : Cable Loss / Amp.G. : Amplifier Gain / D.F. : Distance Factor

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + Distance Factor
5. We have done all data rate in 802.11ac_VHT80. Worst case is MCS0 in 802.11ac_VHT80.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
7. Distance extrapolation factor = 20 log (test distance / specific distance) (dB)

[Internal Ant]

▣ RESULT PLOTS (Worst Case: X-V)

Radiated Spurious Emissions plot –Peak Reading (802.11a, Ch.165 3rd Harmonic)