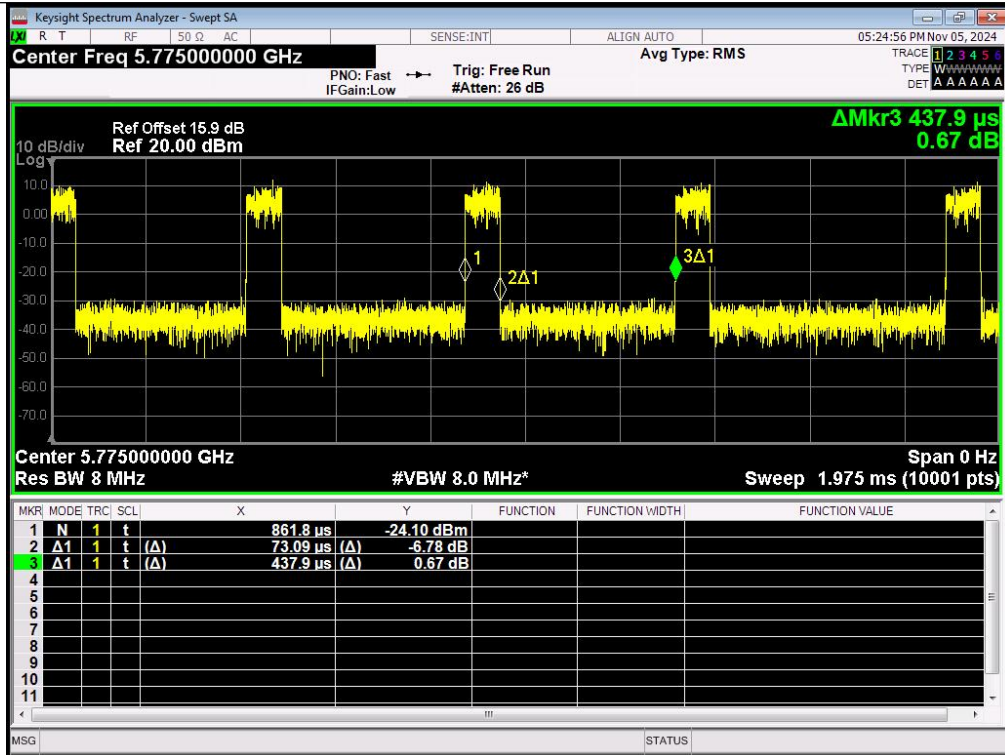




IEEE 802.11ac_80MHz_Channel 155

C.8 PEAK POWER SPECTRAL DENSITY

Test Result

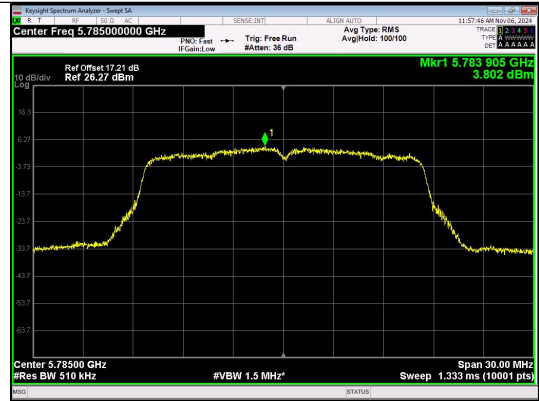
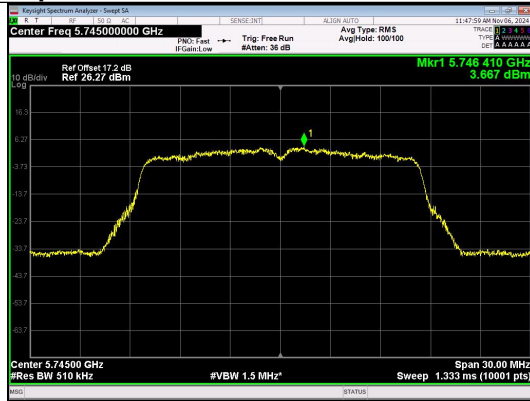
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant3	3.667	1.28	4.947	26.44	Pass
NVNT	a	5785	Ant3	3.802	1.27	5.072	26.44	Pass
NVNT	a	5825	Ant3	2.884	1.27	4.154	26.44	Pass
NVNT	n20	5745	Ant3	3.603	1.44	5.043	26.44	Pass
NVNT	n20	5785	Ant3	3.37	1.45	4.82	26.44	Pass
NVNT	n20	5825	Ant3	2.768	1.45	4.218	26.44	Pass
NVNT	n40	5755	Ant3	-1.332	1.26	-0.072	26.44	Pass
NVNT	n40	5795	Ant3	0.047	1.26	1.307	26.44	Pass
NVNT	ac20	5745	Ant3	3.56	1.33	4.89	26.44	Pass
NVNT	ac20	5785	Ant3	2.439	1.33	3.769	26.44	Pass
NVNT	ac20	5825	Ant3	2.246	1.33	3.576	26.44	Pass
NVNT	ac40	5755	Ant3	0.307	1.96	2.267	26.44	Pass
NVNT	ac40	5795	Ant3	-0.784	1.96	1.176	26.44	Pass
NVNT	ac80	5775	Ant3	-4.296	2.59	-1.706	26.44	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant4	4.735	4.64	9.375	30	Pass
NVNT	a	5785	Ant4	-12.261	4.56	-7.701	30	Pass
NVNT	a	5825	Ant4	3.581	4.32	7.901	30	Pass
NVNT	n20	5745	Ant4	1.756	4.98	6.736	30	Pass
NVNT	n20	5785	Ant4	0.936	4.98	5.916	30	Pass
NVNT	n20	5825	Ant4	0.799	4.99	5.789	30	Pass
NVNT	n40	5755	Ant4	1.475	6.71	8.185	30	Pass
NVNT	n40	5795	Ant4	-0.201	6.72	6.519	30	Pass
NVNT	ac20	5745	Ant4	3.336	4.7	8.036	30	Pass
NVNT	ac20	5785	Ant4	3.227	4.71	7.937	30	Pass
NVNT	ac20	5825	Ant4	3.067	5.14	8.207	30	Pass
NVNT	ac40	5755	Ant4	0.721	6.12	6.841	30	Pass
NVNT	ac40	5795	Ant4	-0.923	6.11	5.187	30	Pass
NVNT	ac80	5775	Ant4	-2.108	7.78	5.672	30	Pass

MIMO

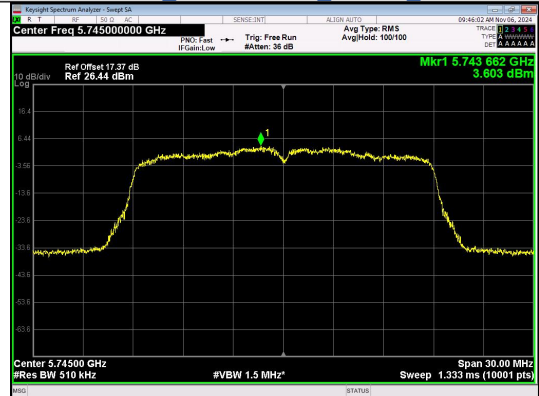
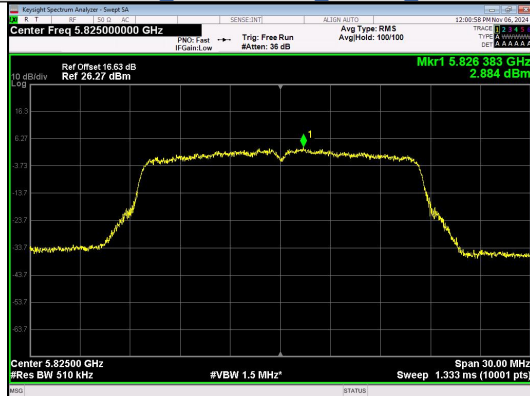
Condition	Mode	Frequency (MHz)	Total PSD (dBm)			Limit (dBm)	Verdict
			Ant3	Ant4	Ant3+Ant4		
NVNT	n20	5745	5.043	6.736	8.98	26.44	Pass
NVNT	n20	5785	4.82	5.916	8.41	26.44	Pass
NVNT	n20	5825	4.218	5.789	8.08	26.44	Pass
NVNT	n40	5755	-0.072	8.185	8.79	26.44	Pass
NVNT	n40	5795	1.307	6.519	7.66	26.44	Pass
NVNT	ac20	5745	4.89	8.036	9.75	26.44	Pass
NVNT	ac20	5785	3.769	7.937	9.35	26.44	Pass
NVNT	ac20	5825	3.576	8.207	9.49	26.44	Pass
NVNT	ac40	5755	2.267	6.841	8.14	26.44	Pass
NVNT	ac40	5795	1.176	5.187	6.64	26.44	Pass
NVNT	ac80	5775	-1.706	5.672	6.40	26.44	Pass

Test Graphs



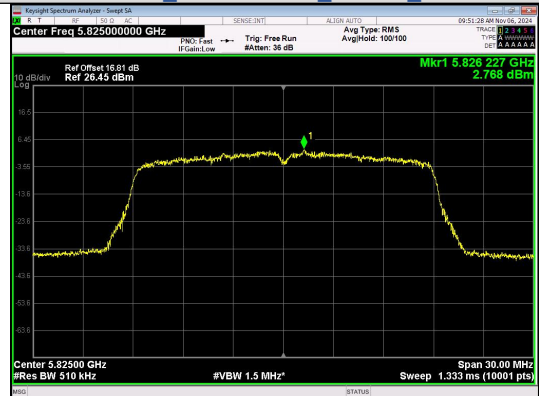
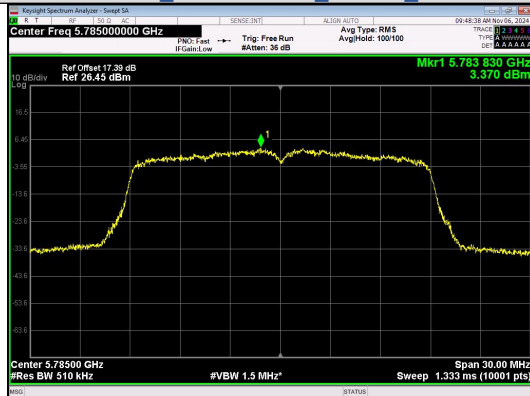
IEEE 802.11a Channel 149 20MHz Antenna 3

IEEE 802.11a Channel 157 20MHz Antenna 3



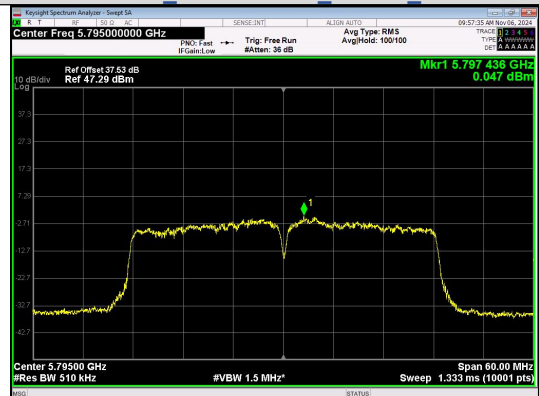
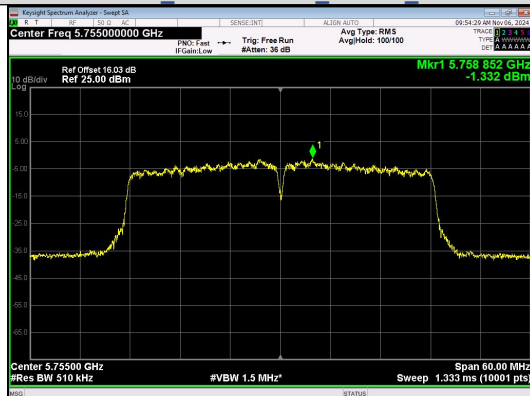
IEEE 802.11a Channel 165 20MHz Antenna 3

IEEE 802.11n Channel 149 20MHz Antenna 3



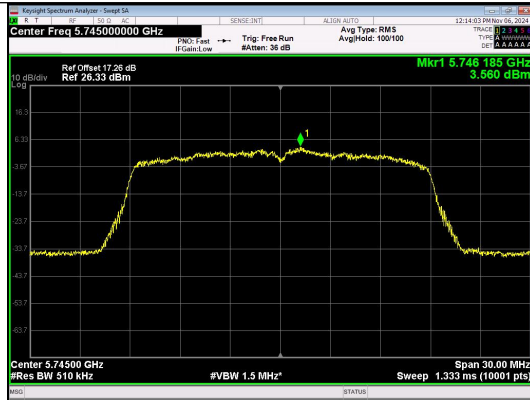
IEEE 802.11n Channel 157 20MHz Antenna 3

IEEE 802.11n Channel 165 20MHz Antenna 3

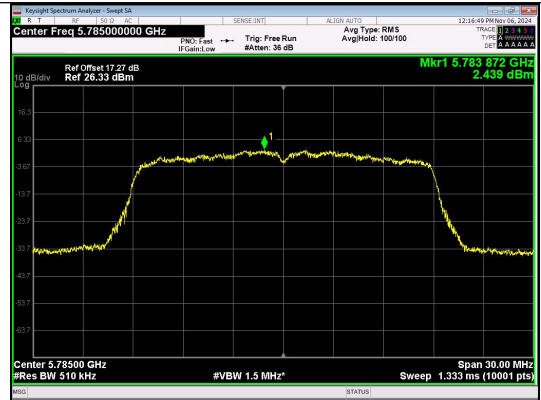


IEEE 802.11n Channel 151 40MHz Antenna 3

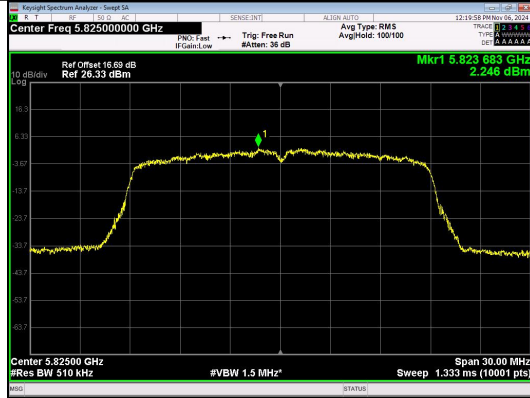
IEEE 802.11n Channel 159 40MHz Antenna 3



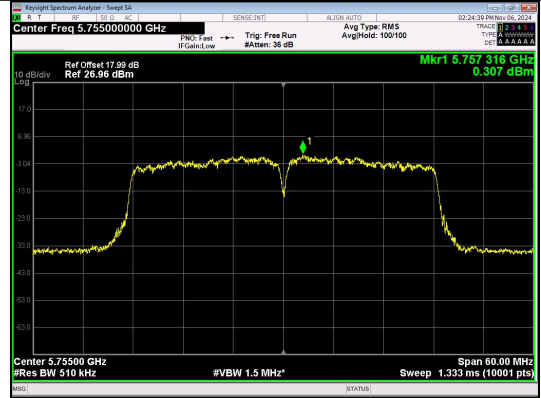
IEEE 802.11ac_Channel 149_20MHz_Antenna 3



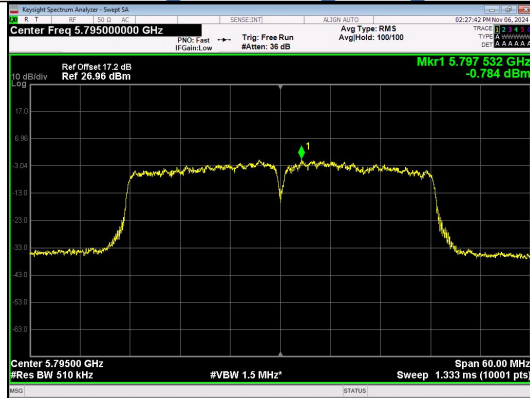
IEEE 802.11ac_Channel 157_20MHz_Antenna 3



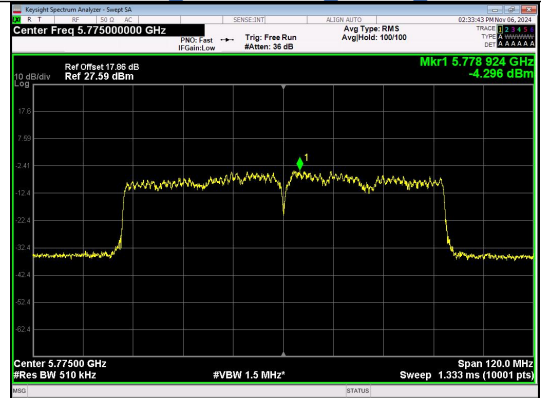
IEEE 802.11ac_Channel 165_20MHz_Antenna 3



IEEE 802.11ac_Channel 151_40MHz_Antenna 3



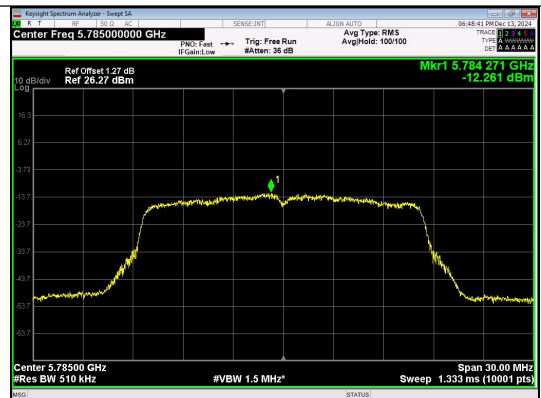
IEEE 802.11ac_Channel 159_40MHz_Antenna 3



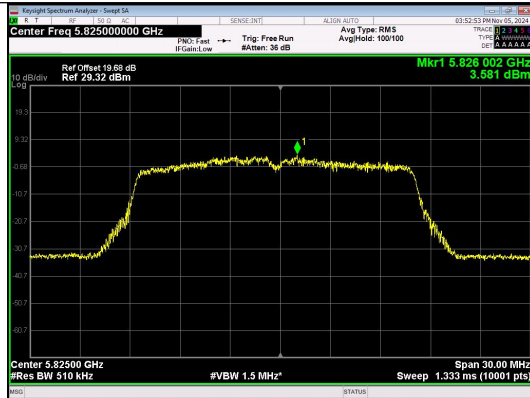
IEEE 802.11ac_Channel 155_80MHz_Antenna 3



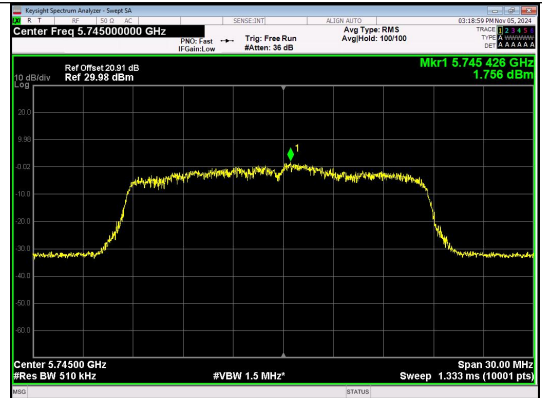
IEEE 802.11a_Channel 149_20MHz_Antenna 4



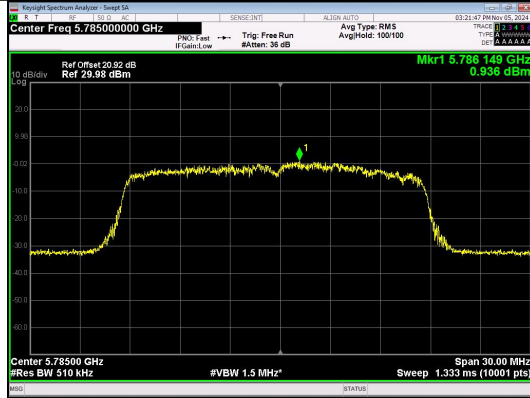
IEEE 802.11a_Channel 157_20MHz_Antenna 4



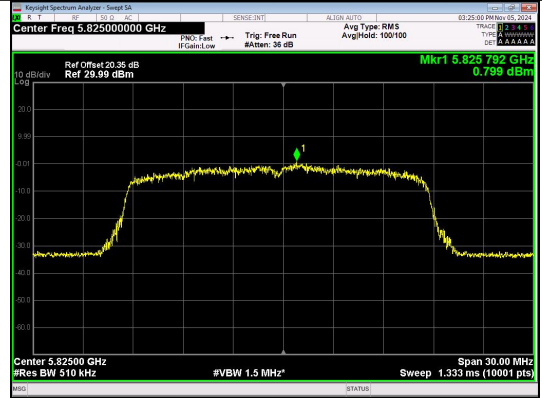
IEEE 802.11a_Channel 165_20MHz_Antenna 4



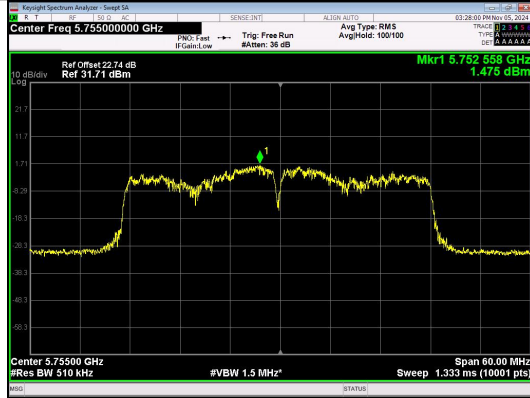
IEEE 802.11n_Channel 149_20MHz_Antenna 4



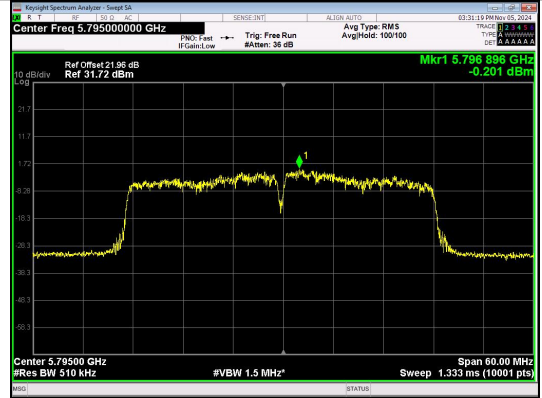
IEEE 802.11n_Channel 157_20MHz_Antenna 4



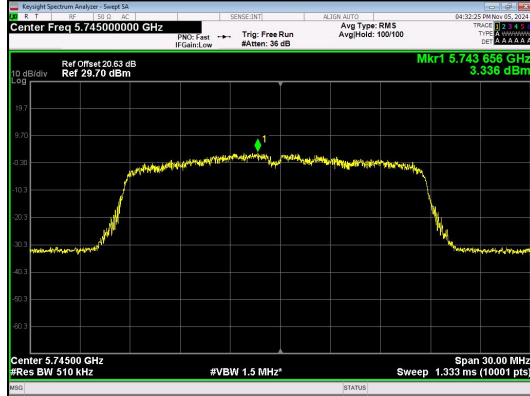
IEEE 802.11n_Channel 165_20MHz_Antenna 4



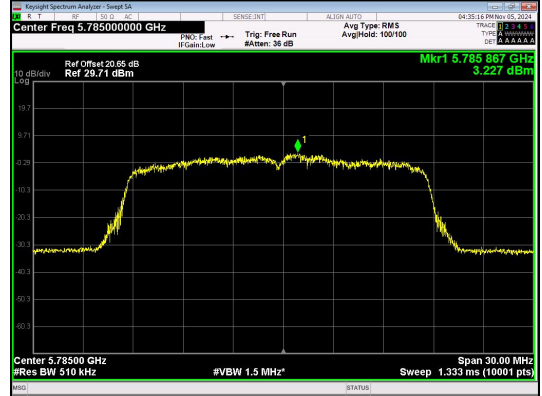
IEEE 802.11n_Channel 151_40MHz_Antenna 4



IEEE 802.11n_Channel 159_40MHz_Antenna 4



IEEE 802.11ac_Channel 149_20MHz_Antenna 4



IEEE 802.11ac_Channel 157_20MHz_Antenna 4