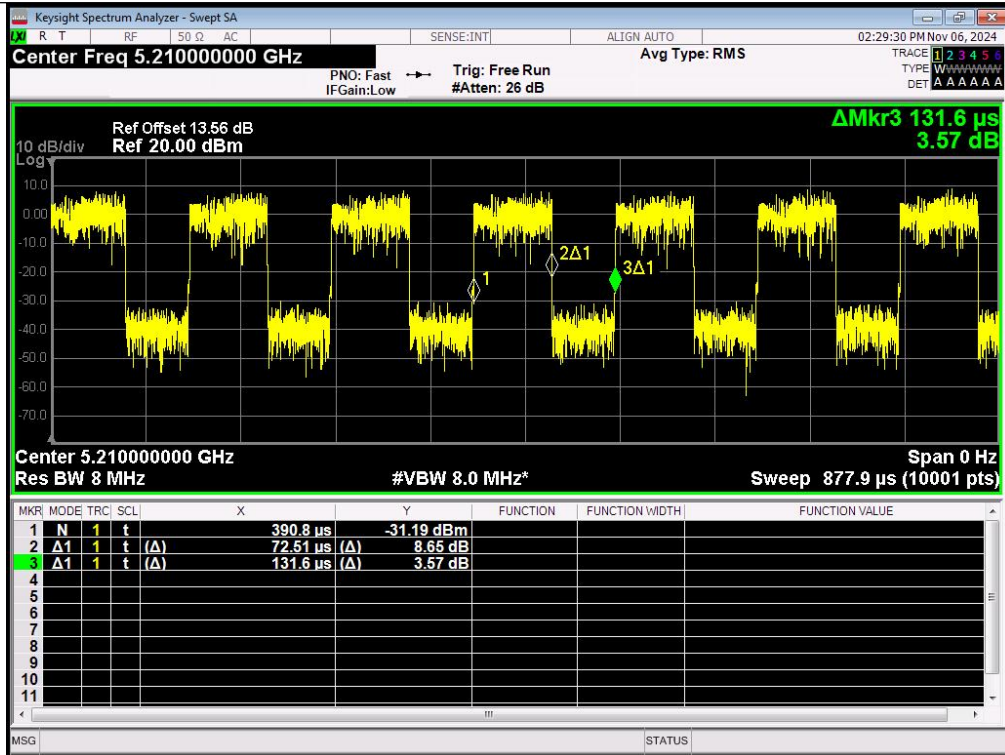




IEEE 802.11ac_80MHz_Channel 42

B.8 PEAK POWER SPECTRAL DENSITY

Test Result

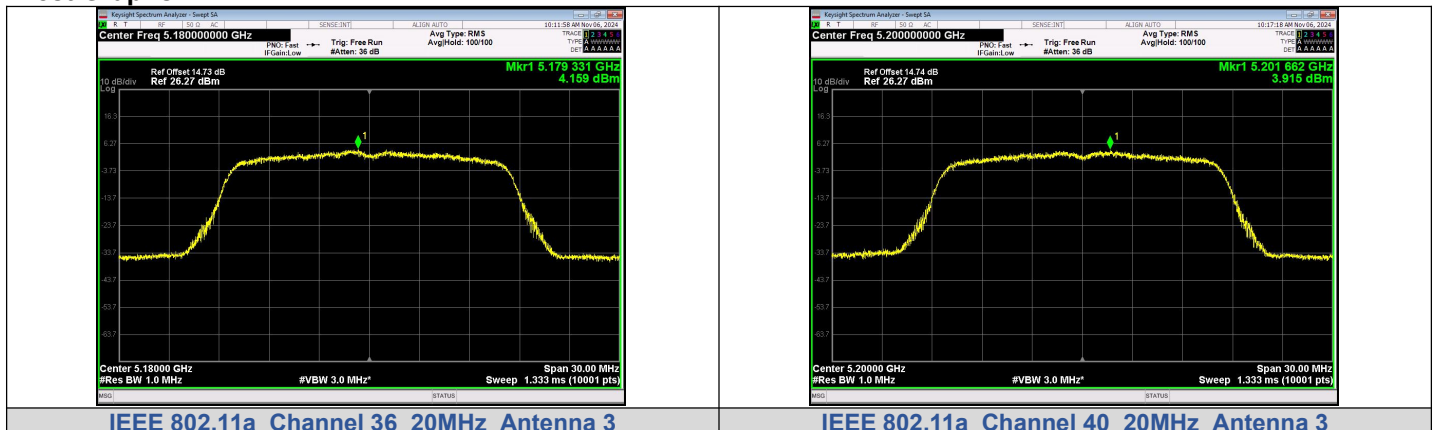
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant3	4.159	4.56	8.719	17	Pass
NVNT	a	5200	Ant3	3.915	4.64	8.555	17	Pass
NVNT	a	5240	Ant3	5.392	5.01	10.402	17	Pass
NVNT	n20	5180	Ant3	2.221	4.98	7.201	17	Pass
NVNT	n20	5200	Ant3	2.455	4.9	7.355	17	Pass
NVNT	n20	5240	Ant3	3.271	4.99	8.261	17	Pass
NVNT	n40	5190	Ant3	-0.648	6.61	5.962	17	Pass
NVNT	n40	5230	Ant3	0.988	6.63	7.618	17	Pass
NVNT	ac20	5180	Ant3	1.981	4.7	6.681	17	Pass
NVNT	ac20	5200	Ant3	1.265	5.07	6.335	17	Pass
NVNT	ac20	5240	Ant3	3.813	4.71	8.523	17	Pass
NVNT	ac40	5190	Ant3	-0.085	5.86	5.775	17	Pass
NVNT	ac40	5230	Ant3	0.911	5.85	6.761	17	Pass
NVNT	ac80	5210	Ant3	-3.426	7.59	4.164	17	Pass

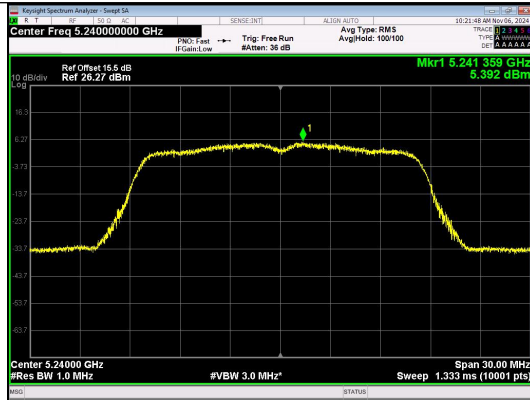
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant4	3.823	1.27	5.093	17	Pass
NVNT	a	5200	Ant4	8.768	1.27	10.038	17	Pass
NVNT	a	5240	Ant4	7.798	1.27	9.068	17	Pass
NVNT	n20	5180	Ant4	2.772	1.45	4.222	17	Pass
NVNT	n20	5200	Ant4	5.750	1.44	7.190	17	Pass
NVNT	n20	5240	Ant4	5.928	1.45	7.378	17	Pass
NVNT	n40	5190	Ant4	0.285	2.23	2.515	17	Pass
NVNT	n40	5230	Ant4	2.177	2.24	4.417	17	Pass
NVNT	ac20	5180	Ant4	2.844	1.32	4.164	17	Pass
NVNT	ac20	5200	Ant4	3.625	1.33	4.955	17	Pass
NVNT	ac20	5240	Ant4	5.186	1.32	6.506	17	Pass
NVNT	ac40	5190	Ant4	-0.485	1.96	1.475	17	Pass
NVNT	ac40	5230	Ant4	1.433	1.96	3.393	17	Pass
NVNT	ac80	5210	Ant4	-1.69	2.59	0.900	17	Pass

MIMO

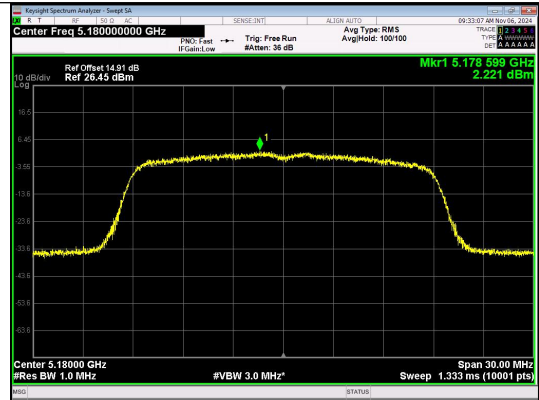
Condition	Mode	Frequency (MHz)	Total PSD (dBm)			Limit (dBm)	Verdict
			Ant3	Ant4	Ant3+Ant4		
NVNT	n20	5180	7.201	4.222	8.97	14.58	Pass
NVNT	n20	5200	7.355	7.190	10.28	14.58	Pass
NVNT	n20	5240	8.261	7.378	10.85	14.58	Pass
NVNT	n40	5190	5.962	2.515	7.58	14.58	Pass
NVNT	n40	5230	7.618	4.417	9.32	14.58	Pass
NVNT	ac20	5180	6.681	4.164	8.61	14.58	Pass
NVNT	ac20	5200	6.335	4.955	8.71	14.58	Pass
NVNT	ac20	5240	8.523	6.506	10.64	14.58	Pass
NVNT	ac40	5190	5.775	1.475	7.15	14.58	Pass
NVNT	ac40	5230	6.761	3.393	8.41	14.58	Pass
NVNT	ac80	5210	4.164	0.900	5.84	14.58	Pass

Test Graphs

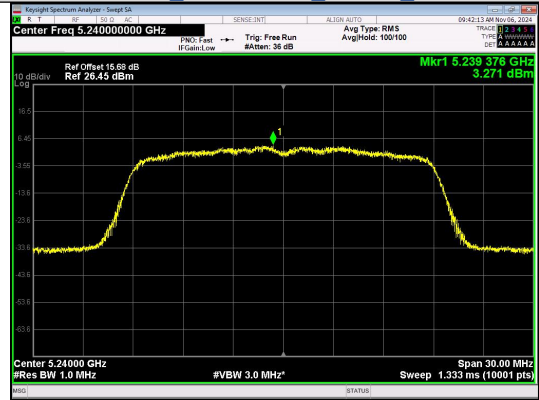
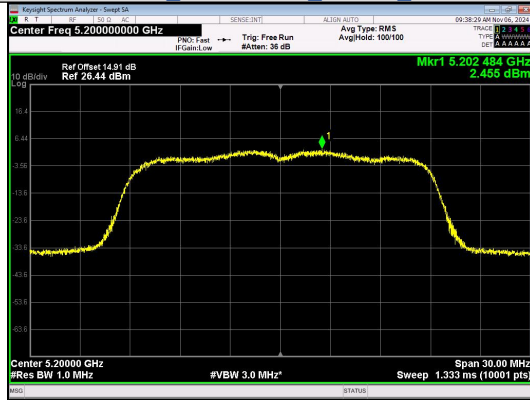




IEEE 802.11a_Channel 48_20MHz_Antenna 3

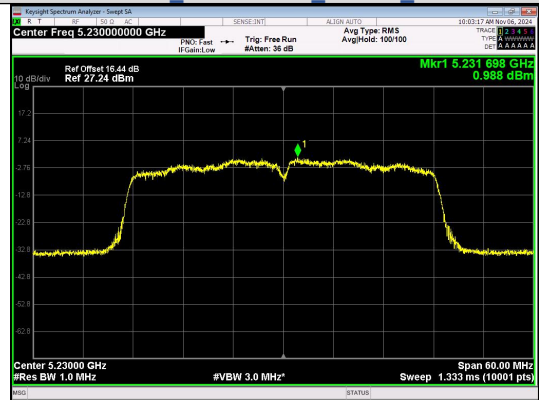
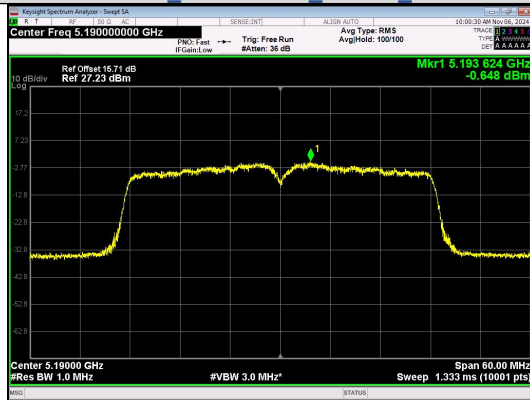


IEEE 802.11n_Channel 36_20MHz_Antenna 3



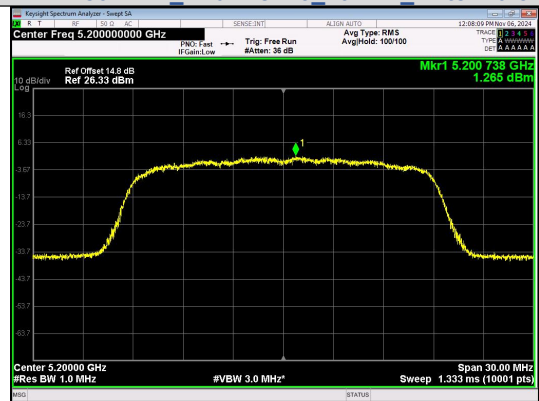
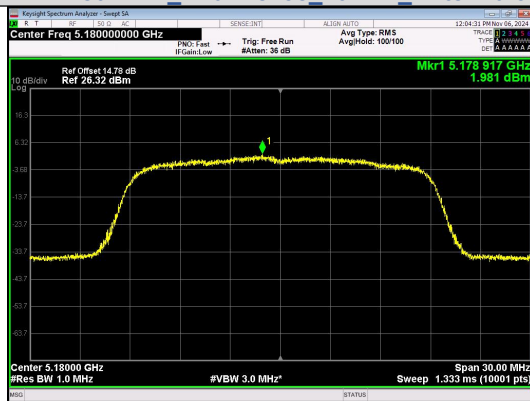
IEEE 802.11n_Channel 40_20MHz_Antenna 3

IEEE 802.11n_Channel 48_20MHz_Antenna 3



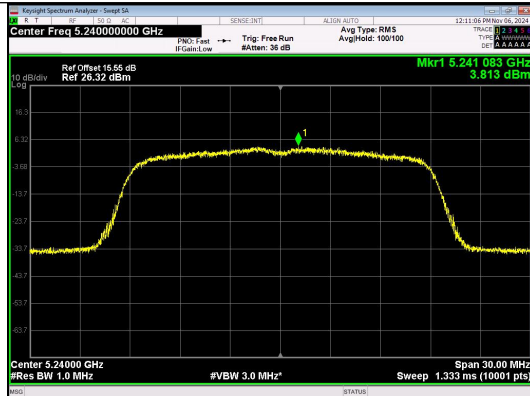
IEEE 802.11n_Channel 38_40MHz_Antenna 3

IEEE 802.11n_Channel 46_40MHz_Antenna 3

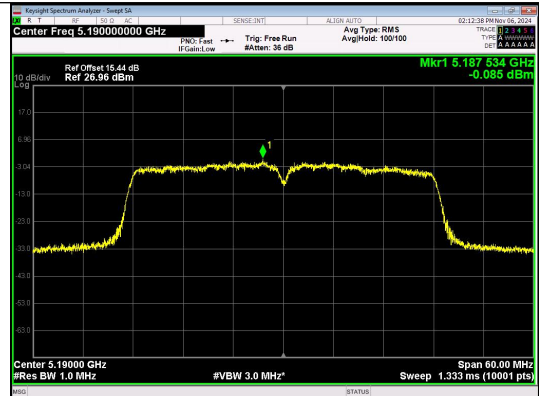


IEEE 802.11ac_Channel 36_20MHz_Antenna 3

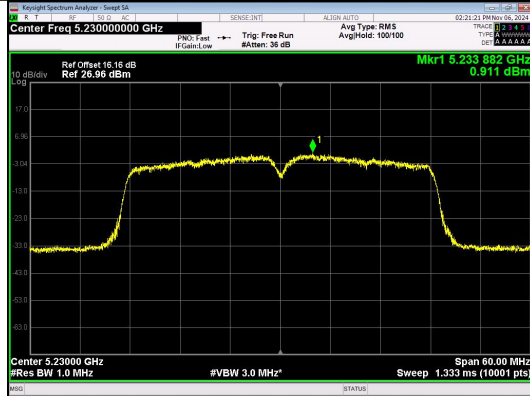
IEEE 802.11ac_Channel 40_20MHz_Antenna 3



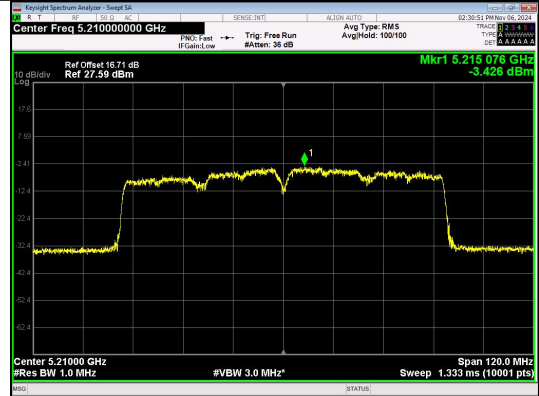
IEEE 802.11ac_Channel 48_20MHz_Antenna 3



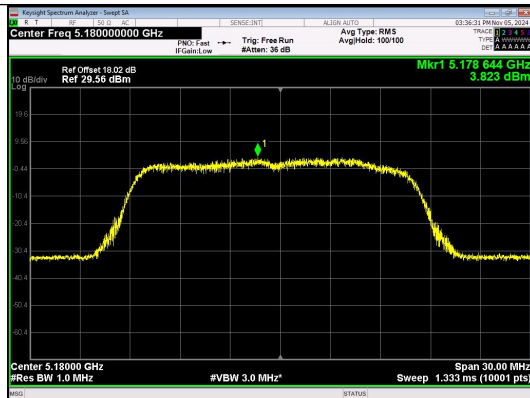
IEEE 802.11ac_Channel 38_40MHz_Antenna 3



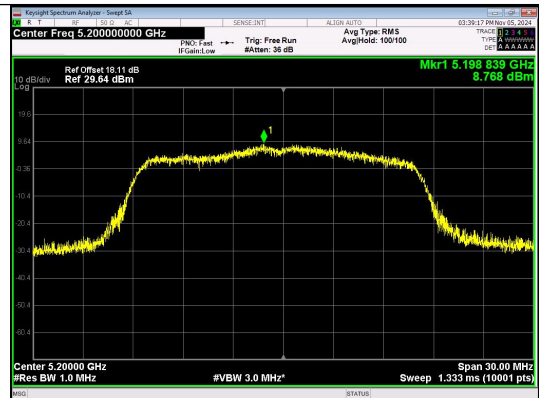
IEEE 802.11ac_Channel 46_40MHz_Antenna 3



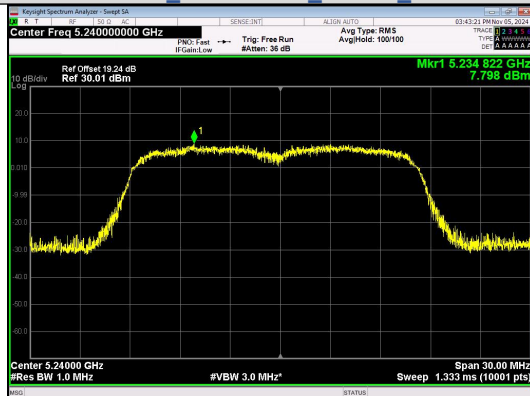
IEEE 802.11ac_Channel 42_80MHz_Antenna 3



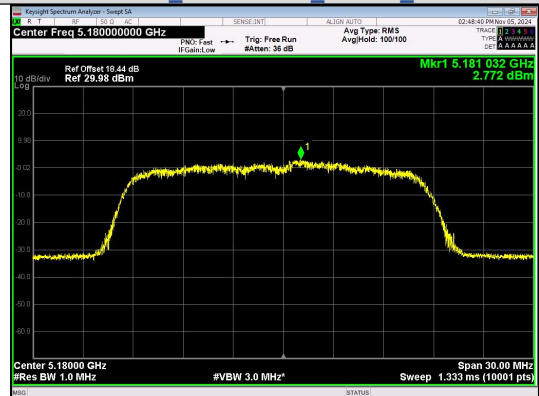
IEEE 802.11a_Channel 36_20MHz_Antenna 4



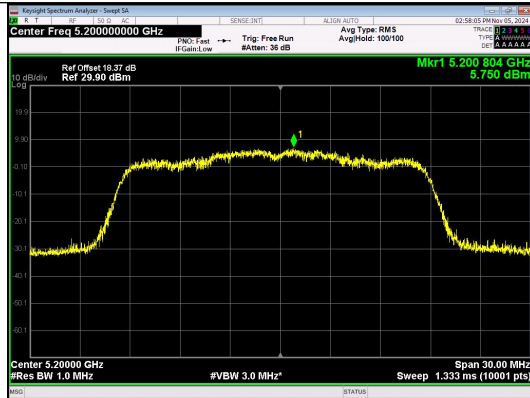
IEEE 802.11a_Channel 40_20MHz_Antenna 4



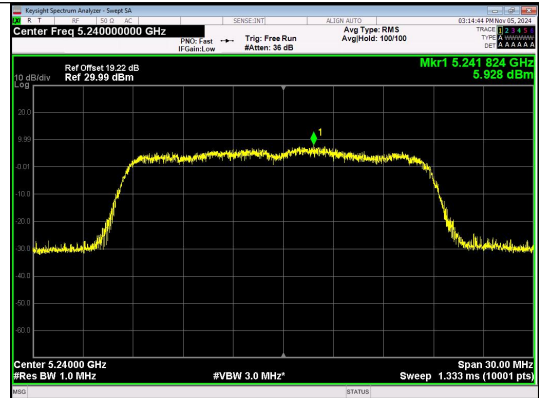
IEEE 802.11a_Channel 48_20MHz_Antenna 4



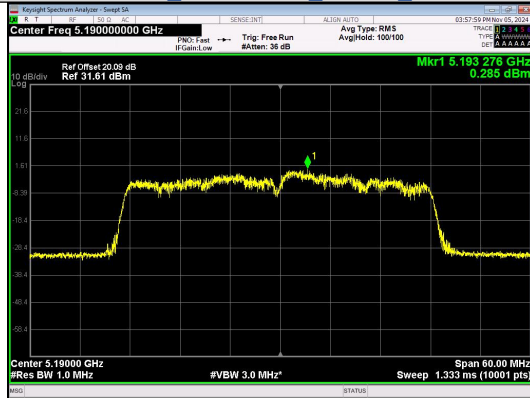
IEEE 802.11n_Channel 36_20MHz_Antenna 4



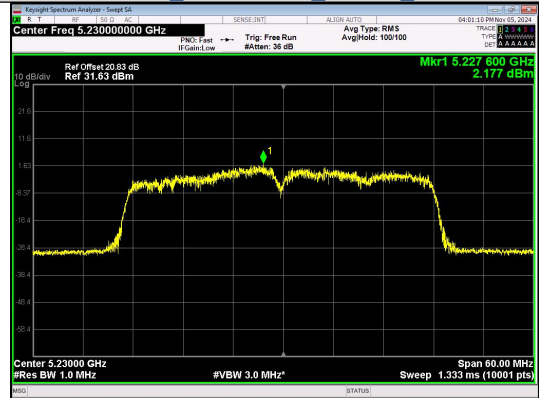
IEEE 802.11n Channel 40 20MHz Antenna 4



IEEE 802.11n Channel 48 20MHz Antenna 4



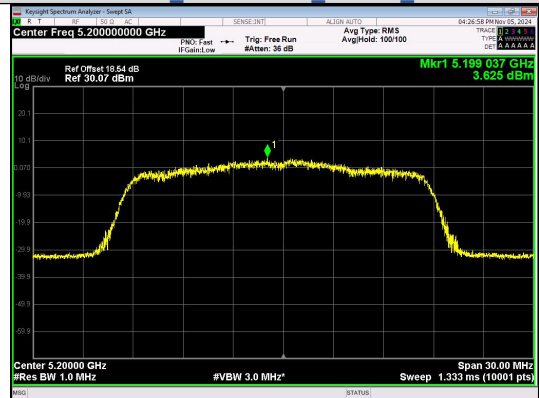
IEEE 802.11n Channel 38 40MHz Antenna 4



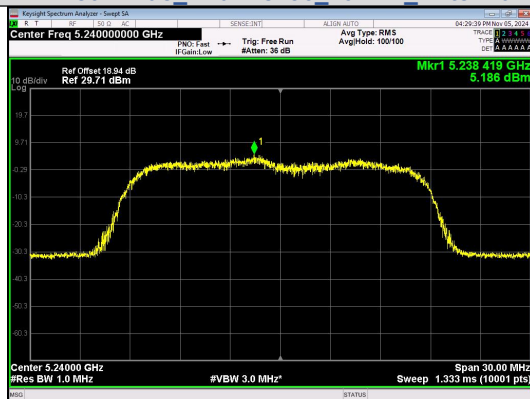
IEEE 802.11n Channel 46 40MHz Antenna 4



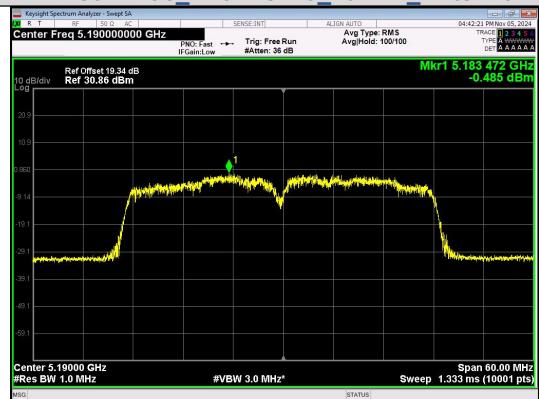
IEEE 802.11ac Channel 36 20MHz Antenna 4



IEEE 802.11ac Channel 40 20MHz Antenna 4



IEEE 802.11ac Channel 48 20MHz Antenna 4



IEEE 802.11ac Channel 38 40MHz Antenna 4