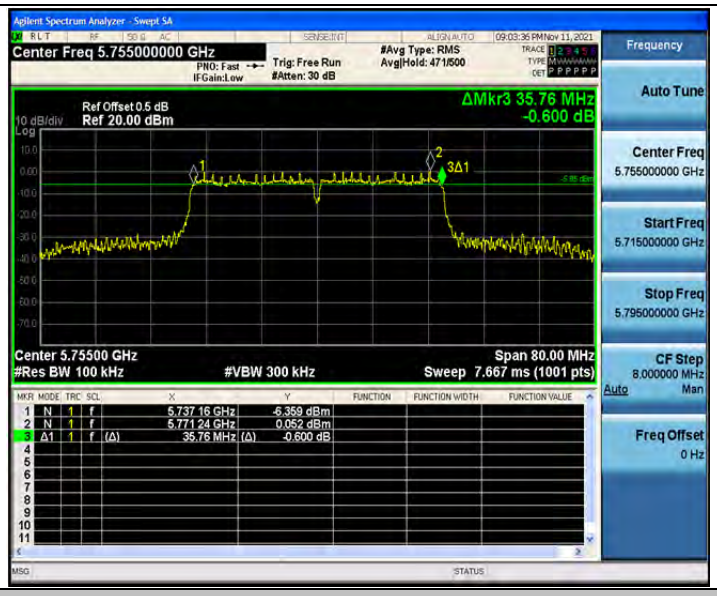
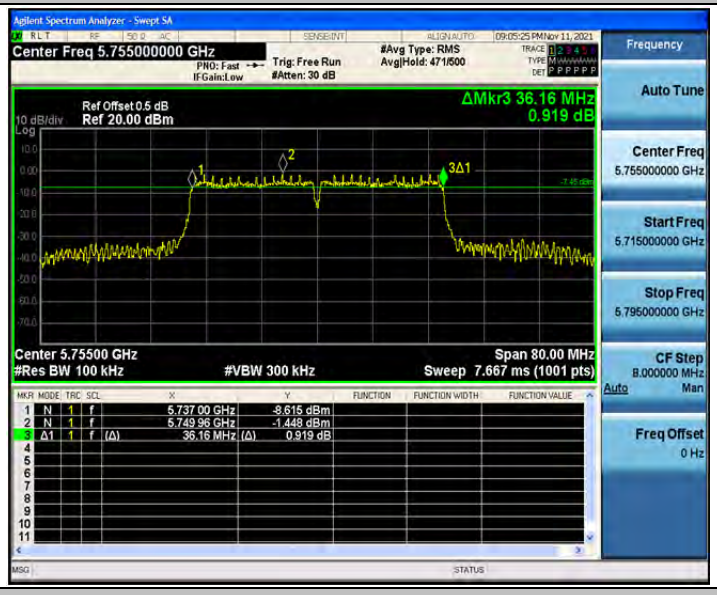
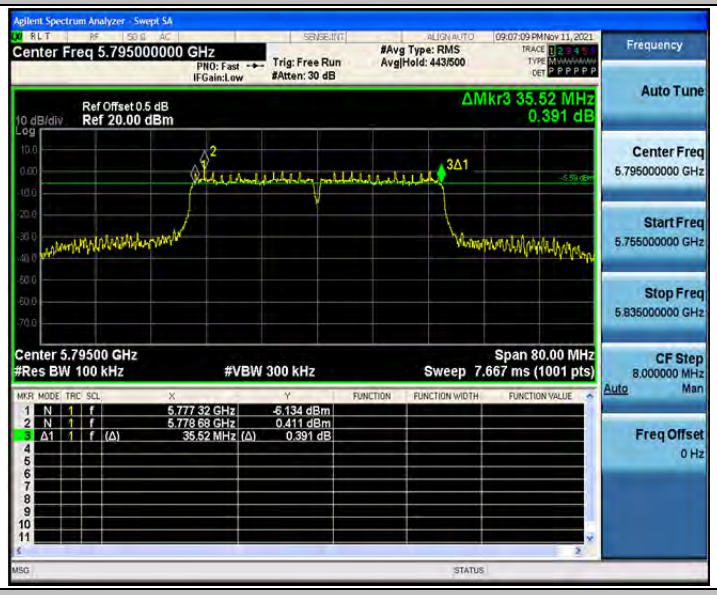


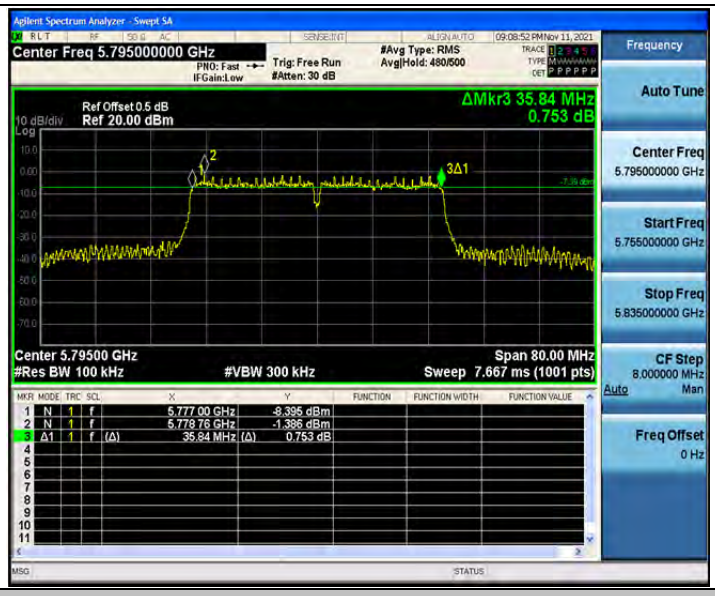
802.11n(HT40)_Ant2_5755



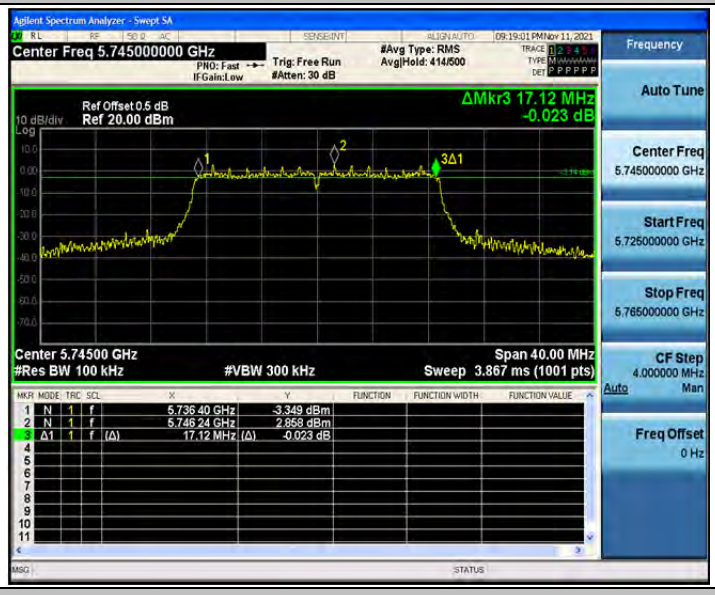
802.11n(HT40)_Ant1_5795



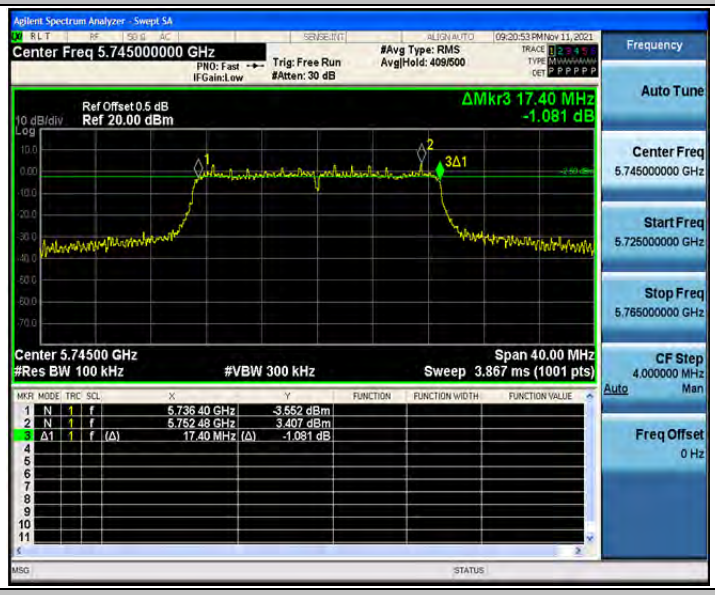
802.11n(HT40)_Ant2_5795



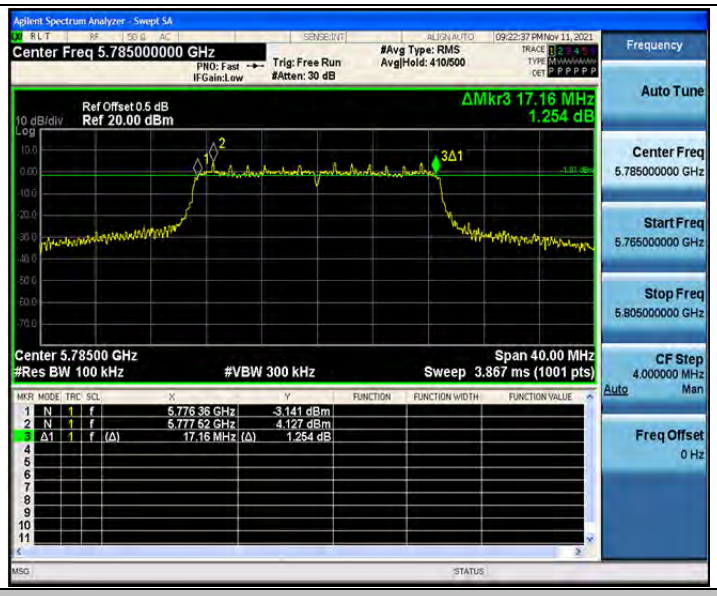
802.11ac(VHT20)_Ant1_5745



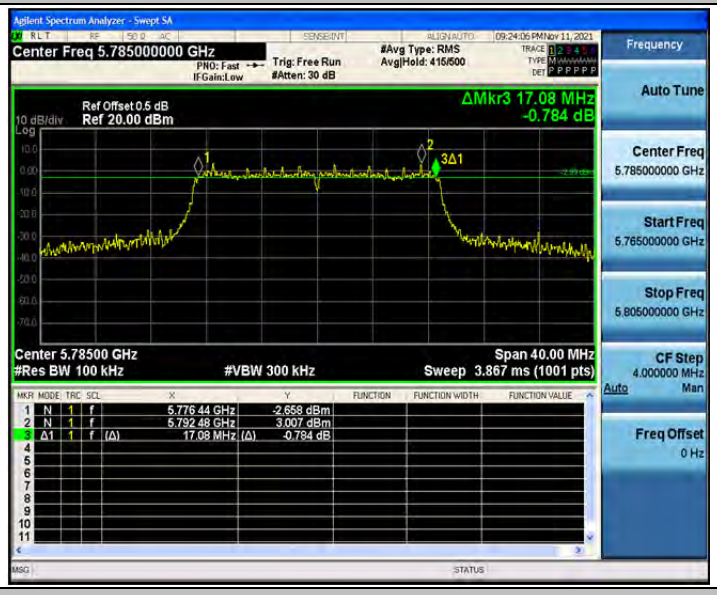
802.11ac(VHT20)_Ant2_5745



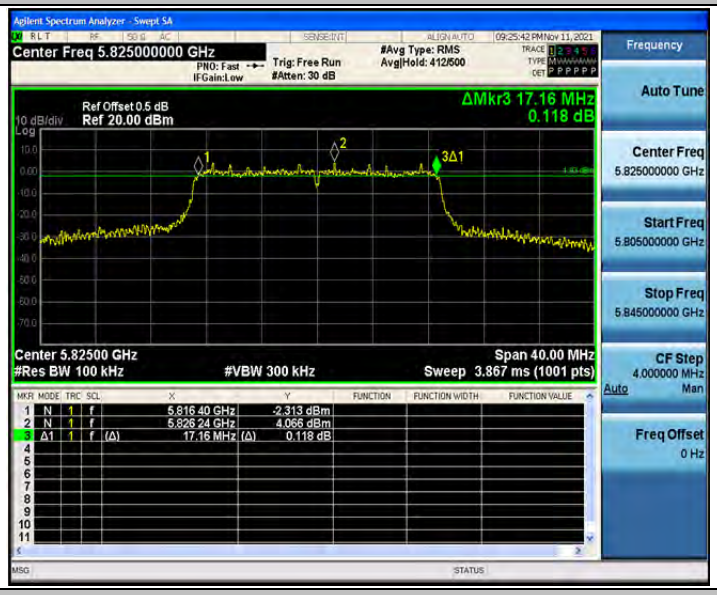
802.11ac(VHT20)_Ant1_5785



802.11ac(VHT20)_Ant2_5785

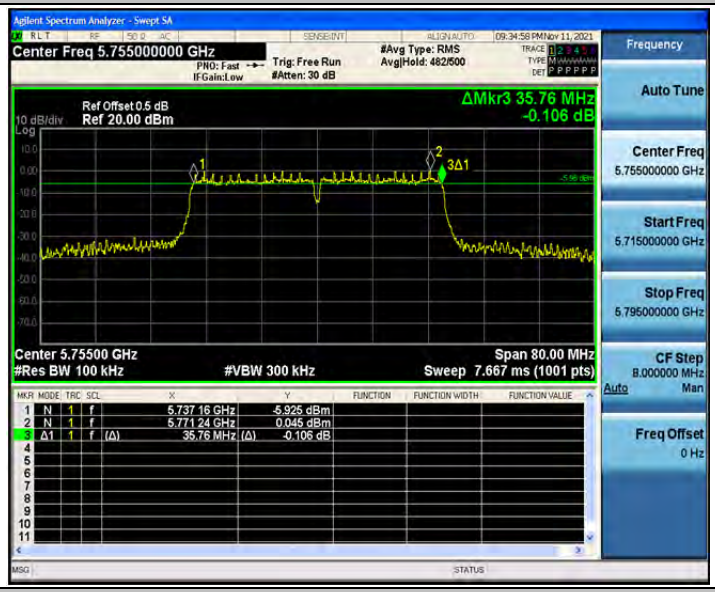


802.11ac(VHT20)_Ant1_5825

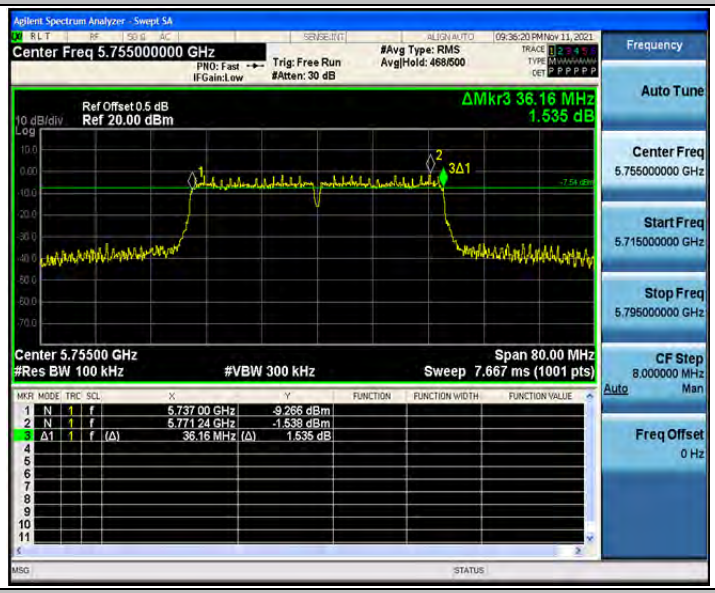


802.11ac(VHT20)_Ant2_5825

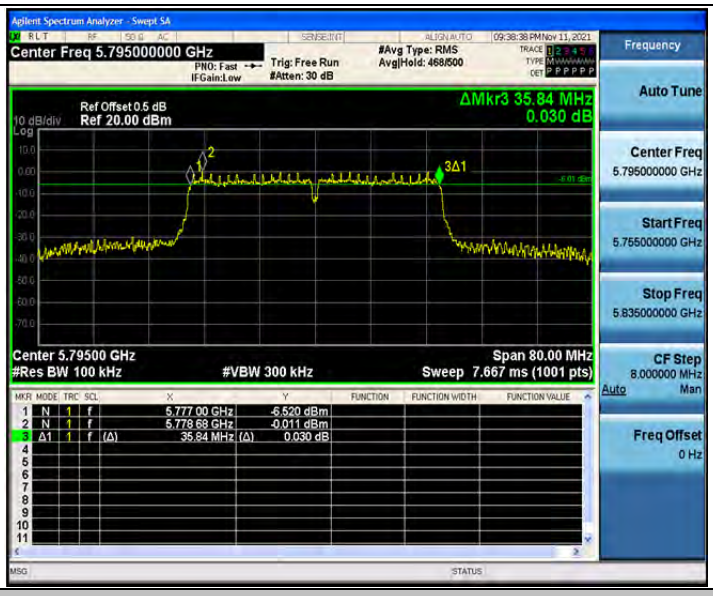
802.11ac(VHT40)_Ant1_5755



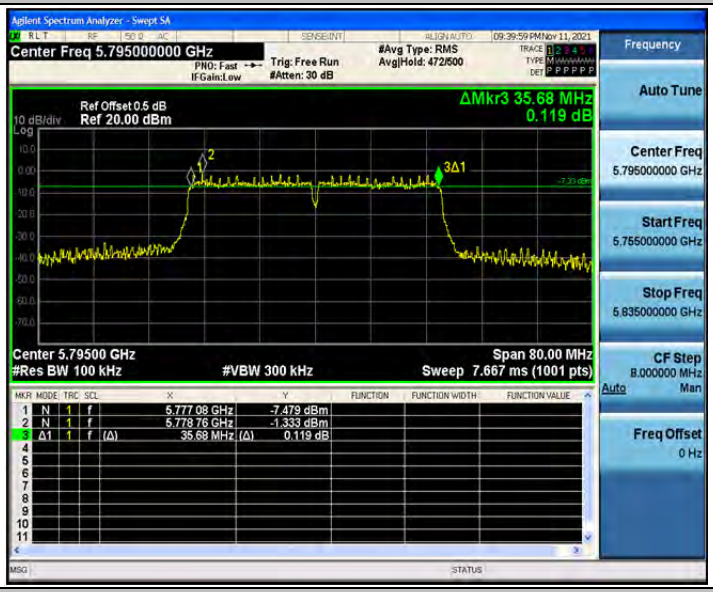
802.11ac(VHT40)_Ant2_5755



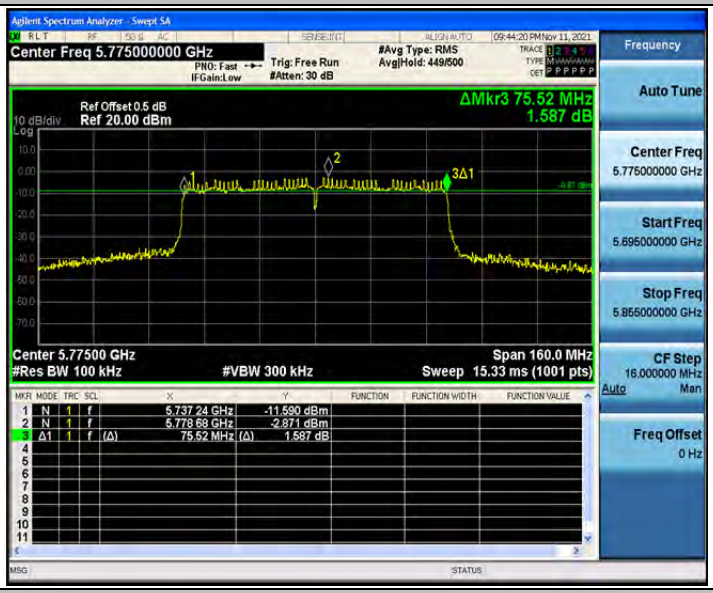
802.11ac(VHT40)_Ant1_5795



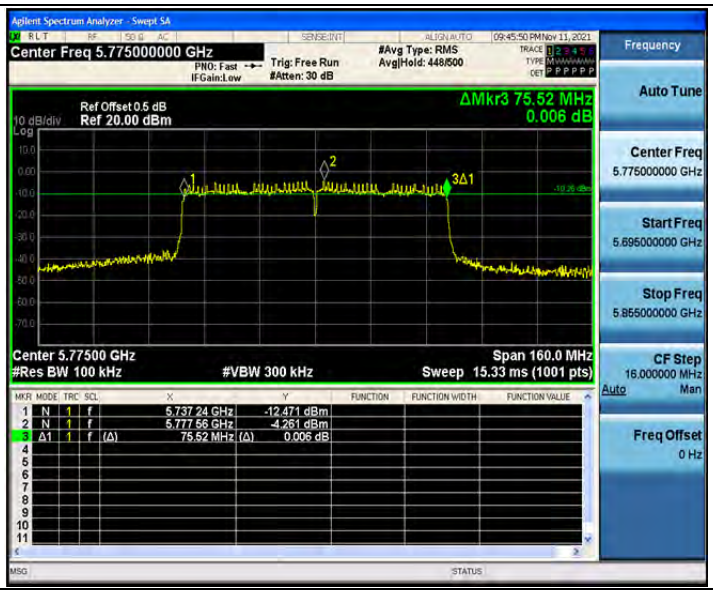
802.11ac(VHT40)_Ant2_5795



802.11ac(VHT80)_Ant1_5775



802.11ac(VHT80)_Ant2_5775


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.775000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 448/500
09:45:50 PM Nov 11, 2021
Ref Offset 0.5 dB
10 dB/div Ref 20.00 dBm
ΔMkr3 75.52 MHz
0.006 dB
Center 5.77500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 160.0 MHz
Sweep 15.33 ms (1001 pts)
1 N 1 f 5.737 24 GHz -12.471 dBm
2 N 1 f 5.777 56 GHz -4.261 dBm
3 Δ1 1 f (Δ) 75.52 MHz (Δ) 0.006 dB
Frequency
Auto Tune
Center Freq
5.775000000 GHz
Start Freq
5.695000000 GHz
Stop Freq
5.855000000 GHz
CF Step
16.000000 MHz
Auto
Man
Freq Offset
0 Hz

Appendix B: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
802.11a	Ant1	5180	16.36	<=24	PASS
	Ant2	5180	16.16	<=24	PASS
	Ant1	5200	15.27	<=24	PASS
	Ant2	5200	16.19	<=24	PASS
	Ant1	5240	15.20	<=24	PASS
	Ant2	5240	16.35	<=24	PASS
	Ant1	5745	15.76	<=30	PASS
	Ant2	5745	15.00	<=30	PASS
	Ant1	5785	15.93	<=30	PASS
	Ant2	5785	14.71	<=30	PASS
	Ant1	5825	15.57	<=30	PASS
	Ant2	5825	13.99	<=30	PASS
802.11n(HT20)	Ant1	5180	15.56	<=24	PASS
	Ant2	5180	16.15	<=24	PASS
	Total	5180	18.88	<=24	PASS
	Ant1	5200	15.30	<=24	PASS
	Ant2	5200	16.14	<=24	PASS
	Total	5200	18.75	<=24	PASS
	Ant1	5240	15.25	<=24	PASS
	Ant2	5240	16.30	<=24	PASS
	Total	5240	18.82	<=24	PASS
	Ant1	5745	15.68	<=30	PASS
	Ant2	5745	14.93	<=30	PASS
	Total	5745	18.33	<=30	PASS
	Ant1	5785	15.84	<=30	PASS
	Ant2	5785	14.61	<=30	PASS
	Total	5785	18.28	<=30	PASS
	Ant1	5825	15.49	<=30	PASS
	Ant2	5825	13.89	<=30	PASS
	Total	5825	17.77	<=30	PASS
802.11n(HT40)	Ant1	5190	11.69	<=24	PASS
	Ant2	5190	12.55	<=24	PASS
	Total	5190	15.15	<=24	PASS
	Ant1	5230	11.46	<=24	PASS
	Ant2	5230	12.69	<=24	PASS
	Total	5230	15.13	<=24	PASS
	Ant1	5755	15.75	<=30	PASS
	Ant2	5755	14.88	<=30	PASS
	Total	5755	18.35	<=30	PASS
	Ant1	5795	15.69	<=30	PASS
	Ant2	5795	14.32	<=30	PASS
	Total	5795	18.07	<=30	PASS

802.11ac(VHT20)	Ant1	5180	15.64	<=24	PASS
	Ant2	5180	16.19	<=24	PASS
	Total	5180	18.93	<=24	PASS
	Ant1	5200	15.32	<=24	PASS
	Ant2	5200	16.20	<=24	PASS
	Total	5200	18.79	<=24	PASS
	Ant1	5240	15.28	<=24	PASS
	Ant2	5240	16.34	<=24	PASS
	Total	5240	18.85	<=24	PASS
	Ant1	5745	15.69	<=30	PASS
	Ant2	5745	14.93	<=30	PASS
	Total	5745	18.34	<=30	PASS
	Ant1	5785	15.85	<=30	PASS
	Ant2	5785	14.68	<=30	PASS
	Total	5785	18.32	<=30	PASS
	Ant1	5825	12.10	<=30	PASS
	Ant2	5825	10.29	<=30	PASS
	Total	5825	14.30	<=30	PASS
802.11ac(VHT40)	Ant1	5190	11.35	<=24	PASS
	Ant2	5190	11.90	<=24	PASS
	Total	5190	14.64	<=24	PASS
	Ant1	5230	10.70	<=24	PASS
	Ant2	5230	12.04	<=24	PASS
	Total	5230	14.43	<=24	PASS
	Ant1	5755	15.69	<=30	PASS
	Ant2	5755	14.88	<=30	PASS
	Total	5755	18.31	<=30	PASS
	Ant1	5795	15.71	<=30	PASS
	Ant2	5795	14.40	<=30	PASS
	Total	5795	18.12	<=30	PASS
802.11ac(VHT80)	Ant1	5210	10.86	<=24	PASS
	Ant2	5210	11.49	<=24	PASS
	Total	5210	14.20	<=24	PASS
	Ant1	5775	15.41	<=30	PASS
	Ant2	5775	14.35	<=30	PASS
	Total	5775	17.92	<=30	PASS

Note: 1. Test results increased RF cable loss by 0.5dB.

Appendix C: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
802.11a	Ant1	5180	3.93	<=11	PASS
	Ant2	5180	2.64	<=11	PASS
	Ant1	5200	4.25	<=11	PASS
	Ant2	5200	0.75	<=11	PASS
	Ant1	5240	2.93	<=11	PASS
	Ant2	5240	1.15	<=11	PASS
	Ant1	5745	0.76	<=30	PASS
	Ant2	5745	-1.11	<=30	PASS
	Ant1	5785	1.15	<=30	PASS
	Ant2	5785	-0.51	<=30	PASS
	Ant1	5825	1.01	<=30	PASS
	Ant2	5825	-1.05	<=30	PASS
802.11n(HT20)	Ant1	5180	2.66	<=11	PASS
	Ant2	5180	3.25	<=11	PASS
	Total	5180	5.98	<=9.87	PASS
	Ant1	5200	3.68	<=11	PASS
	Ant2	5200	2.58	<=11	PASS
	Total	5200	6.18	<=9.87	PASS
	Ant1	5240	3.09	<=11	PASS
	Ant2	5240	1.37	<=11	PASS
	Total	5240	5.32	<=9.87	PASS
	Ant1	5745	0.02	<=30	PASS
	Ant2	5745	-0.71	<=30	PASS
	Total	5745	2.68	<=28.74	PASS
	Ant1	5785	0.47	<=30	PASS
	Ant2	5785	-0.88	<=30	PASS
	Total	5785	2.86	<=28.74	PASS
	Ant1	5825	0.22	<=30	PASS
	Ant2	5825	-1.61	<=30	PASS
	Total	5825	2.41	<=28.74	PASS
802.11n(HT40)	Ant1	5190	0.13	<=11	PASS
	Ant2	5190	-0.88	<=11	PASS
	Total	5190	2.66	<=9.87	PASS
	Ant1	5230	0.07	<=11	PASS
	Ant2	5230	-2.02	<=11	PASS
	Total	5230	2.16	<=9.87	PASS
	Ant1	5755	-3.04	<=30	PASS
	Ant2	5755	-4.27	<=30	PASS
	Total	5755	-0.60	<=28.74	PASS
	Ant1	5795	-3.08	<=30	PASS
	Ant2	5795	-4.43	<=30	PASS

	Total	5795	-0.69	<=28.74	PASS
802.11ac(VHT20)	Ant1	5180	3.37	<=11	PASS
	Ant2	5180	1.95	<=11	PASS
	Total	5180	5.73	<=9.87	PASS
	Ant1	5200	3.19	<=11	PASS
	Ant2	5200	0.9	<=11	PASS
	Total	5200	5.20	<=9.87	PASS
	Ant1	5240	2.42	<=11	PASS
	Ant2	5240	1.72	<=11	PASS
	Total	5240	5.09	<=9.87	PASS
	Ant1	5745	-0.02	<=30	PASS
	Ant2	5745	-0.19	<=30	PASS
	Total	5745	2.91	<=28.74	PASS
	Ant1	5785	0.68	<=30	PASS
	Ant2	5785	0.19	<=30	PASS
	Total	5785	3.45	<=28.74	PASS
	Ant1	5825	1.06	<=30	PASS
	Ant2	5825	-0.82	<=30	PASS
	Total	5825	3.23	<=28.74	PASS
802.11ac(VHT40)	Ant1	5190	0.43	<=11	PASS
	Ant2	5190	-1.56	<=11	PASS
	Total	5190	2.56	<=9.87	PASS
	Ant1	5230	-0.56	<=11	PASS
	Ant2	5230	-1.75	<=11	PASS
	Total	5230	1.90	<=9.87	PASS
	Ant1	5755	-3.09	<=30	PASS
	Ant2	5755	-4.63	<=30	PASS
	Total	5755	-0.78	<=28.74	PASS
	Ant1	5795	-3.27	<=30	PASS
	Ant2	5795	-4.47	<=30	PASS
	Total	5795	-0.82	<=28.74	PASS
802.11ac(VHT80)	Ant1	5210	-3.23	<=11	PASS
	Ant2	5210	-5.53	<=11	PASS
	Total	5210	-1.22	<=9.87	PASS
	Ant1	5775	-6.26	<=30	PASS
	Ant2	5775	-7.54	<=30	PASS
	Total	5775	-3.84	<=28.74	PASS

Note：1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2. The Duty Cycle Factor and RBW Factor is compensated in the graph.

3. The U-NII-1 Directional Gain=7.13dBi＞6dBi. So Pout =Plimit-(GTX-6)]=11-1.13=9.87dBm

The U-NII-3 Directional Gain=7.26dBi＞6dBi. So Pout =Plimit-(GTX-6)]=30-1.26=28.74dBm

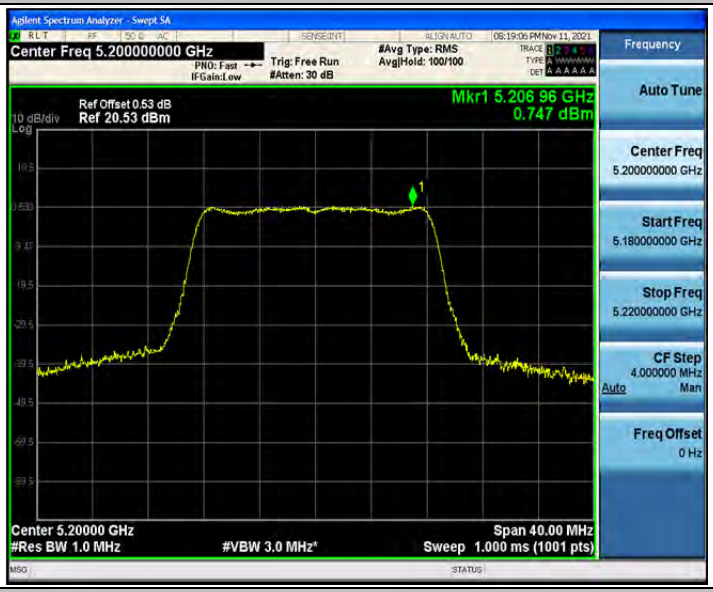
Test Graphs

802.11a_Ant1_5180

802.11a_Ant2_5180

802.11a_Ant1_5200

802.11a_Ant2_5200



802.11a_Ant1_5240

802.11a_Ant2_5240

802.11a_Ant1_5745

802.11a_Ant2_5745

802.11a_Ant1_5785

802.11a_Ant2_5785

802.11a_Ant1_5825

802.11a_Ant2_5825

802.11n(HT20)_Ant1_5180

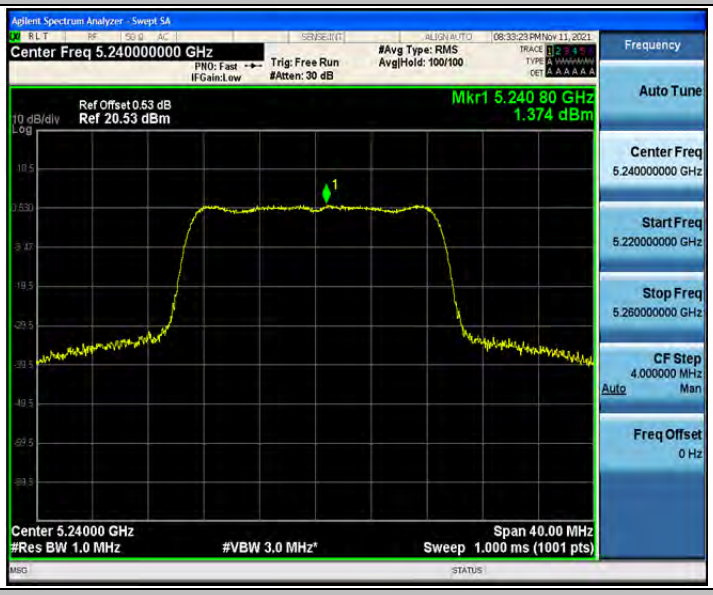
802.11n(HT20)_Ant2_5180

802.11n(HT20)_Ant1_5200

802.11n(HT20)_Ant2_5200

802.11n(HT20)_Ant1_5240

802.11n(HT20)_Ant2_5240



802.11n(HT20)_Ant1_5745

802.11n(HT20)_Ant2_5745

802.11n(HT20)_Ant1_5785

802.11n(HT20)_Ant2_5785

802.11n(HT20)_Ant1_5825

802.11n(HT20)_Ant2_5825

802.11n(HT40)_Ant1_5190

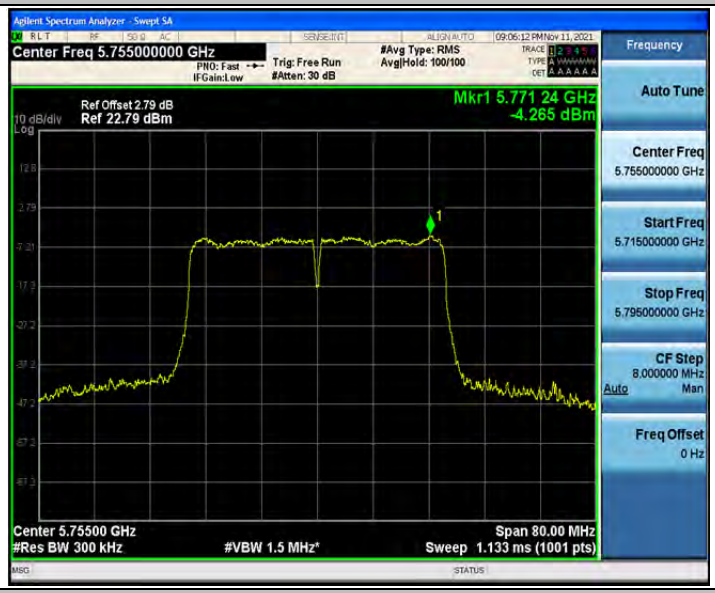
802.11n(HT40)_Ant2_5190

802.11n(HT40)_Ant1_5230

802.11n(HT40)_Ant2_5230

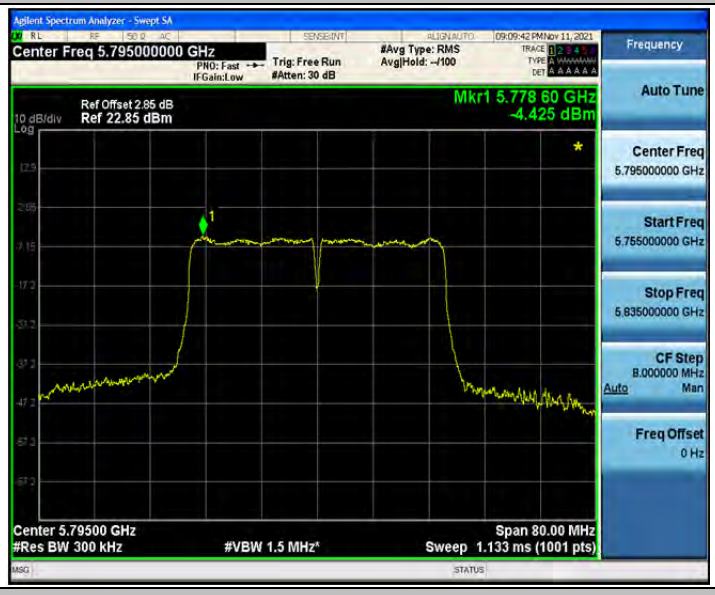
802.11n(HT40)_Ant1_5755

802.11n(HT40)_Ant2_5755



802.11n(HT40)_Ant1_5795

802.11n(HT40)_Ant2_5795



802.11ac(VHT20)_Ant1_5180

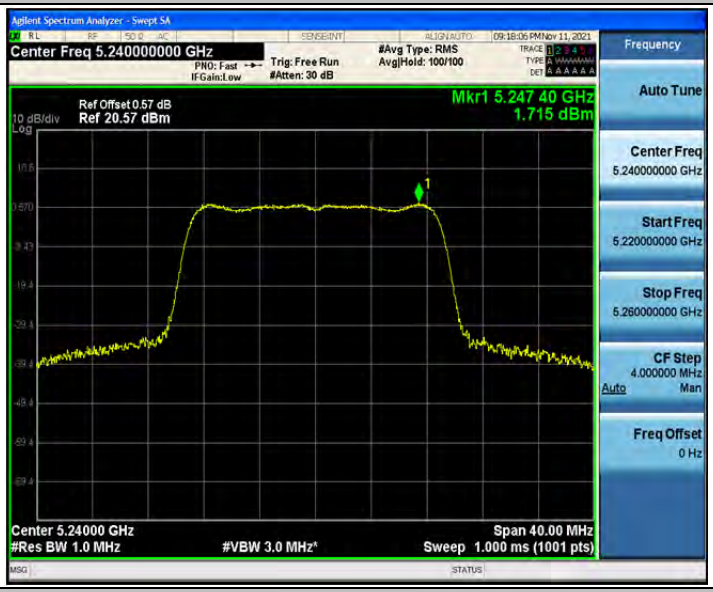
802.11ac(VHT20)_Ant2_5180

802.11ac(VHT20)_Ant1_5200

802.11ac(VHT20)_Ant2_5200

802.11ac(VHT20)_Ant1_5240

802.11ac(VHT20)_Ant2_5240



802.11ac(VHT20)_Ant1_5745

802.11ac(VHT20)_Ant2_5745

802.11ac(VHT20)_Ant1_5785

802.11ac(VHT20)_Ant2_5785

802.11ac(VHT20)_Ant1_5825

802.11ac(VHT20)_Ant2_5825

802.11ac(VHT40)_Ant1_5190

802.11ac(VHT40)_Ant2_5190

802.11ac(VHT40)_Ant1_5230

802.11ac(VHT40)_Ant2_5230

802.11ac(VHT40)_Ant1_5755

802.11ac(VHT40)_Ant2_5755

802.11ac(VHT40)_Ant1_5795

802.11ac(VHT40)_Ant2_5795

802.11ac(VHT80)_Ant1_5210

802.11ac(VHT80)_Ant2_5210

802.11ac(VHT80)_Ant1_5775

802.11ac(VHT80)_Ant2_5775

Appendix D: Frequency Stability

Test Result

Voltage								
Test Mode	Antenna	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20MHz	Ant1	5180	NV	NT	5000	0.965251	20	PASS
			LV	NT	5000	0.965251	20	PASS
			HV	NT	6000	1.158301	20	PASS
	Ant2	5180	NV	NT	11000	2.123552	20	PASS
			LV	NT	10000	1.930502	20	PASS
			HV	NT	11000	2.123552	20	PASS
	Ant1	5200	NV	NT	13000	2.500000	20	PASS
			LV	NT	11000	2.115385	20	PASS
			HV	NT	7000	1.346154	20	PASS
	Ant2	5200	NV	NT	-10000	-1.923077	20	PASS
			LV	NT	-10000	-1.923077	20	PASS
			HV	NT	-12000	-2.307692	20	PASS
	Ant1	5240	NV	NT	-17000	-3.244275	20	PASS
			LV	NT	-17000	-3.244275	20	PASS
			HV	NT	-17000	-3.244275	20	PASS
	Ant2	5240	NV	NT	-23000	-4.389313	20	PASS
			LV	NT	-23000	-4.389313	20	PASS
			HV	NT	-23000	-4.389313	20	PASS
	Ant1	5745	NV	NT	-24000	-4.177546	20	PASS
			LV	NT	-24000	-4.177546	20	PASS
			HV	NT	-23000	-4.003481	20	PASS
	Ant2	5745	NV	NT	-4000	-0.696258	20	PASS
			LV	NT	-4000	-0.696258	20	PASS
			HV	NT	-4000	-0.696258	20	PASS
	Ant1	5785	NV	NT	-11000	-1.901469	20	PASS
			LV	NT	-12000	-2.074330	20	PASS
			HV	NT	-12000	-2.074330	20	PASS
	Ant2	5785	NV	NT	-18000	-3.111495	20	PASS
			LV	NT	-18000	-3.111495	20	PASS
			HV	NT	-19000	-3.284356	20	PASS
	Ant1	5825	NV	NT	-20000	-3.433476	20	PASS
			LV	NT	-21000	-3.605150	20	PASS
			HV	NT	-21000	-3.605150	20	PASS
	Ant2	5825	NV	NT	-24000	-4.120172	20	PASS
			LV	NT	-24000	-4.120172	20	PASS
			HV	NT	-24000	-4.120172	20	PASS
40MHz	Ant1	5190	NV	NT	-20000	-3.853565	20	PASS
			LV	NT	-22000	-4.238921	20	PASS
			HV	NT	-21000	-4.046243	20	PASS
	Ant2	5190	NV	NT	-24000	-4.624277	20	PASS

			LV	NT	-22000	-4.238921	20	PASS
			HV	NT	-22000	-4.238921	20	PASS
	Ant1	5230	NV	NT	-21000	-4.015296	20	PASS
			LV	NT	-22000	-4.206501	20	PASS
			HV	NT	-23000	-4.397706	20	PASS
	Ant2	5230	NV	NT	-24000	-4.588910	20	PASS
			LV	NT	-25000	-4.780115	20	PASS
			HV	NT	-24000	-4.588910	20	PASS
	Ant1	5755	NV	NT	-23000	-3.996525	20	PASS
			LV	NT	-24000	-4.170287	20	PASS
			HV	NT	-24000	-4.170287	20	PASS
	Ant2	5755	NV	NT	-26000	-4.517811	20	PASS
			LV	NT	-26000	-4.517811	20	PASS
			HV	NT	-26000	-4.517811	20	PASS
	Ant1	5795	NV	NT	-25000	-4.314064	20	PASS
			LV	NT	-26000	-4.486626	20	PASS
			HV	NT	-25000	-4.314064	20	PASS
	Ant2	5795	NV	NT	-25000	-4.314064	20	PASS
			LV	NT	-27000	-4.659189	20	PASS
			HV	NT	-26000	-4.486626	20	PASS
80MHz	Ant1	5210	NV	NT	-22000	-4.222649	20	PASS
			LV	NT	-23000	-4.414587	20	PASS
			HV	NT	-23000	-4.414587	20	PASS
	Ant2	5210	NV	NT	-23000	-4.414587	20	PASS
			LV	NT	-24000	-4.606526	20	PASS
			HV	NT	-23000	-4.414587	20	PASS
	Ant1	5775	NV	NT	-23000	-3.982684	20	PASS
			LV	NT	-24000	-4.155844	20	PASS
			HV	NT	-25000	-4.329004	20	PASS
	Ant2	5775	NV	NT	-26000	-4.502165	20	PASS
			LV	NT	-27000	-4.675325	20	PASS
			HV	NT	-27000	-4.675325	20	PASS

Temperature								
Test Mode	Antenna	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20MHz	Ant1	5180	NV	0	8000	1.544402	20	PASS
			NV	10	8000	1.544402	20	PASS
			NV	20	9000	1.737452	20	PASS
			NV	30	9000	1.737452	20	PASS
			NV	40	10000	1.930502	20	PASS
	Ant2	5180	NV	0	10000	1.930502	20	PASS
			NV	10	10000	1.930502	20	PASS
			NV	20	10000	1.930502	20	PASS
			NV	30	10000	1.930502	20	PASS
			NV	40	10000	1.930502	20	PASS
	Ant1	5200	NV	0	-1000	-0.192308	20	PASS
			NV	10	-1000	-0.192308	20	PASS
			NV	20	-4000	-0.769231	20	PASS
			NV	30	-4000	-0.769231	20	PASS
			NV	40	-6000	-1.153846	20	PASS
	Ant2	5200	NV	0	-15000	-2.884615	20	PASS
			NV	10	-15000	-2.884615	20	PASS
			NV	20	-15000	-2.884615	20	PASS
			NV	30	-16000	-3.076923	20	PASS
			NV	40	-16000	-3.076923	20	PASS
	Ant1	5240	NV	0	-19000	-3.625954	20	PASS
			NV	10	-20000	-3.816794	20	PASS
			NV	20	-21000	-4.007634	20	PASS
			NV	30	-20000	-3.816794	20	PASS
			NV	40	-21000	-4.007634	20	PASS
	Ant2	5240	NV	0	-23000	-4.389313	20	PASS
			NV	10	-23000	-4.389313	20	PASS
			NV	20	-22000	-4.198473	20	PASS
			NV	30	-23000	-4.389313	20	PASS
			NV	40	-23000	-4.389313	20	PASS
	Ant1	5745	NV	0	-13000	-2.262837	20	PASS
			NV	10	-12000	-2.088773	20	PASS
			NV	20	-9000	-1.566580	20	PASS
			NV	30	-8000	-1.392515	20	PASS
			NV	40	-6000	-1.044386	20	PASS
	Ant2	5745	NV	0	-7000	-1.218451	20	PASS
			NV	10	-9000	-1.566580	20	PASS
			NV	20	-9000	-1.566580	20	PASS
			NV	30	-10000	-1.740644	20	PASS
			NV	40	-10000	-1.740644	20	PASS
	Ant1	5785	NV	0	-14000	-2.420052	20	PASS
			NV	10	-15000	-2.592913	20	PASS
			NV	20	-13000	-2.247191	20	PASS

			NV	30	-14000	-2.420052	20	PASS
			NV	40	-16000	-2.765774	20	PASS
	Ant2	5785	NV	0	-20000	-3.457217	20	PASS
			NV	10	-20000	-3.457217	20	PASS
			NV	20	-20000	-3.457217	20	PASS
			NV	30	-20000	-3.457217	20	PASS
			NV	40	-20000	-3.457217	20	PASS
	Ant1	5825	NV	0	-22000	-3.776824	20	PASS
			NV	10	-23000	-3.948498	20	PASS
			NV	20	-23000	-3.948498	20	PASS
			NV	30	-24000	-4.120172	20	PASS
			NV	40	-22000	-3.776824	20	PASS
	Ant2	5825	NV	0	-25000	-4.291845	20	PASS
			NV	10	-25000	-4.291845	20	PASS
			NV	20	-24000	-4.120172	20	PASS
			NV	30	-25000	-4.291845	20	PASS
			NV	40	-24000	-4.120172	20	PASS
40MHz	Ant1	5190	NV	0	-22000	-4.238921	20	PASS
			NV	10	-22000	-4.238921	20	PASS
			NV	20	-22000	-4.238921	20	PASS
			NV	30	-22000	-4.238921	20	PASS
			NV	40	-22000	-4.238921	20	PASS
	Ant2	5190	NV	0	-23000	-4.431599	20	PASS
			NV	10	-23000	-4.431599	20	PASS
			NV	20	-23000	-4.431599	20	PASS
			NV	30	-23000	-4.431599	20	PASS
			NV	40	-23000	-4.431599	20	PASS
	Ant1	5230	NV	0	-23000	-4.397706	20	PASS
			NV	10	-23000	-4.397706	20	PASS
			NV	20	-22000	-4.206501	20	PASS
			NV	30	-22000	-4.206501	20	PASS
			NV	40	-23000	-4.397706	20	PASS
	Ant2	5230	NV	0	-25000	-4.780115	20	PASS
			NV	10	-24000	-4.588910	20	PASS
			NV	20	-24000	-4.588910	20	PASS
			NV	30	-24000	-4.588910	20	PASS
			NV	40	-24000	-4.588910	20	PASS
	Ant1	5755	NV	0	-25000	-4.344049	20	PASS
			NV	10	-25000	-4.344049	20	PASS
			NV	20	-26000	-4.517811	20	PASS
			NV	30	-25000	-4.344049	20	PASS
			NV	40	-25000	-4.344049	20	PASS
	Ant2	5755	NV	0	-26000	-4.517811	20	PASS
			NV	10	-27000	-4.691573	20	PASS
			NV	20	-26000	-4.517811	20	PASS
			NV	30	-26000	-4.517811	20	PASS

			NV	40	-26000	-4.517811	20	PASS
	Ant1	5795	NV	0	-25000	-4.314064	20	PASS
			NV	10	-25000	-4.314064	20	PASS
			NV	20	-25000	-4.314064	20	PASS
			NV	30	-25000	-4.314064	20	PASS
			NV	40	-25000	-4.314064	20	PASS
	Ant2	5795	NV	0	-26000	-4.486626	20	PASS
			NV	10	-26000	-4.486626	20	PASS
			NV	20	-26000	-4.486626	20	PASS
			NV	30	-26000	-4.486626	20	PASS
			NV	40	-26000	-4.486626	20	PASS
80MHz	Ant1	5210	NV	0	-23000	-4.414587	20	PASS
			NV	10	-23000	-4.414587	20	PASS
			NV	20	-23000	-4.414587	20	PASS
			NV	30	-23000	-4.414587	20	PASS
			NV	40	-23000	-4.414587	20	PASS
	Ant2	5210	NV	0	-24000	-4.606526	20	PASS
			NV	10	-23000	-4.414587	20	PASS
			NV	20	-23000	-4.414587	20	PASS
			NV	30	-23000	-4.414587	20	PASS
			NV	40	-23000	-4.414587	20	PASS
	Ant1	5775	NV	0	-25000	-4.329004	20	PASS
			NV	10	-26000	-4.502165	20	PASS
			NV	20	-26000	-4.502165	20	PASS
			NV	30	-26000	-4.502165	20	PASS
			NV	40	-26000	-4.502165	20	PASS
	Ant2	5775	NV	0	-26000	-4.502165	20	PASS
			NV	10	-27000	-4.675325	20	PASS
			NV	20	-26000	-4.502165	20	PASS
			NV	30	-26000	-4.502165	20	PASS
			NV	40	-26000	-4.502165	20	PASS

Appendix E: Duty Cycle

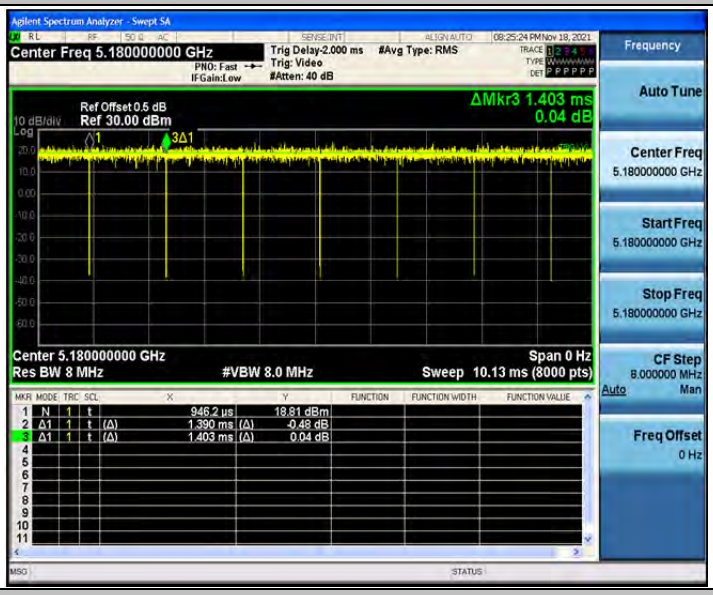
Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
802.11a	Ant1	5180	1.39	1.40	99.29	0.72	1
	Ant2	5180	1.39	1.40	99.29	0.72	1
	Ant1	5200	1.39	1.40	99.29	0.72	1
	Ant2	5200	1.39	1.40	99.29	0.72	1
	Ant1	5240	1.39	1.40	99.29	0.72	1
	Ant2	5240	1.39	1.40	99.29	0.72	1
	Ant1	5745	1.39	1.40	99.29	0.72	1
	Ant2	5745	1.39	1.40	99.29	0.72	1
	Ant1	5785	1.39	1.40	99.29	0.72	1
	Ant2	5785	1.39	1.40	99.29	0.72	1
	Ant1	5825	1.39	1.40	99.29	0.72	1
	Ant2	5825	1.39	1.40	99.29	0.72	1
802.11n (HT20)	Ant1	5180	1.30	1.31	99.24	0.77	1
	Ant2	5180	1.30	1.31	99.24	0.77	1
	Ant1	5200	1.30	1.31	99.24	0.77	1
	Ant2	5200	1.30	1.31	99.24	0.77	1
	Ant1	5240	1.30	1.31	99.24	0.77	1
	Ant2	5240	1.30	1.31	99.24	0.77	1
	Ant1	5745	1.30	1.31	99.24	0.77	1
	Ant2	5745	1.30	1.31	99.24	0.77	1
	Ant1	5785	1.30	1.31	99.24	0.77	1
	Ant2	5785	1.30	1.31	99.24	0.77	1
	Ant1	5825	1.30	1.31	99.24	0.77	1
	Ant2	5825	1.30	1.31	99.24	0.77	1
802.11n (HT40)	Ant1	5190	0.64	0.66	96.97	1.56	2
	Ant2	5190	0.64	0.66	96.97	1.56	2
	Ant1	5230	0.64	0.66	96.97	1.56	2
	Ant2	5230	0.65	0.66	98.48	1.54	2
	Ant1	5755	0.64	0.66	96.97	1.56	2
	Ant2	5755	0.65	0.66	98.48	1.54	2
	Ant1	5795	0.65	0.66	98.48	1.54	2
	Ant2	5795	0.65	0.66	98.48	1.54	2
802.11ac (VHT20)	Ant1	5180	1.30	1.32	98.48	0.77	1
	Ant2	5180	1.30	1.32	98.48	0.77	1
	Ant1	5200	1.30	1.32	98.48	0.77	1
	Ant2	5200	1.30	1.32	98.48	0.77	1
	Ant1	5240	1.30	1.32	98.48	0.77	1
	Ant2	5240	1.30	1.32	98.48	0.77	1
	Ant1	5745	1.30	1.32	98.48	0.77	1
	Ant2	5745	1.30	1.32	98.48	0.77	1

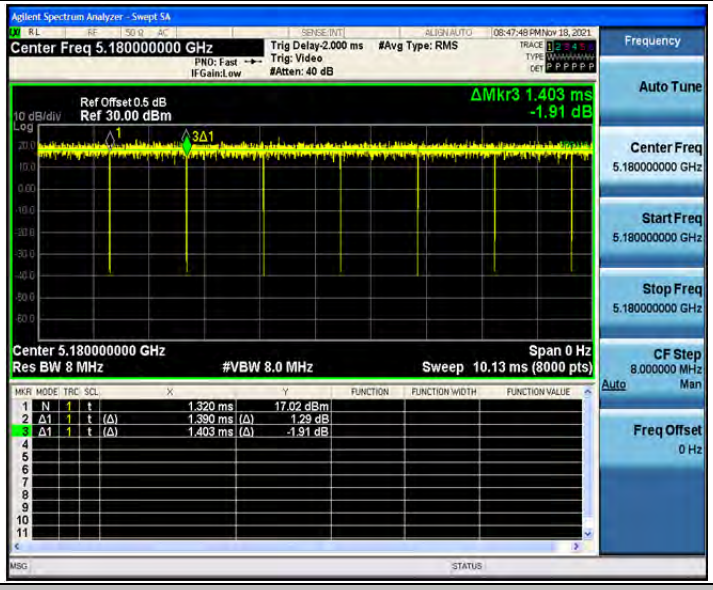
	Ant1	5785	1.30	1.31	99.24	0.77	1
	Ant2	5785	1.30	1.32	98.48	0.77	1
	Ant1	5825	1.30	1.32	98.48	0.77	1
	Ant2	5825	1.30	1.32	98.48	0.77	1
802.11ac (VHT40)	Ant1	5190	0.65	0.66	98.48	1.54	2
	Ant2	5190	0.65	0.66	98.48	1.54	2
	Ant1	5230	0.65	0.66	98.48	1.54	2
	Ant2	5230	0.65	0.66	98.48	1.54	2
	Ant1	5755	0.65	0.66	98.48	1.54	2
	Ant2	5755	0.65	0.66	98.48	1.54	2
	Ant1	5795	0.65	0.66	98.48	1.54	2
	Ant2	5795	0.65	0.66	98.48	1.54	2
802.11ac (VHT80)	Ant1	5210	0.32	0.33	96.97	3.13	4
	Ant2	5210	0.32	0.33	96.97	3.13	4
	Ant1	5775	0.32	0.33	96.97	3.13	4
	Ant2	5775	0.32	0.33	96.97	3.13	4

Test Graphs

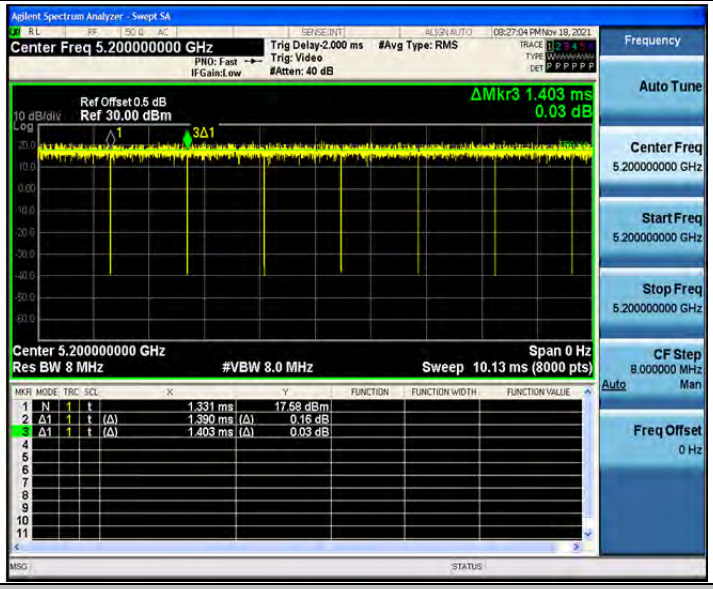
802.11a_Ant1_5180



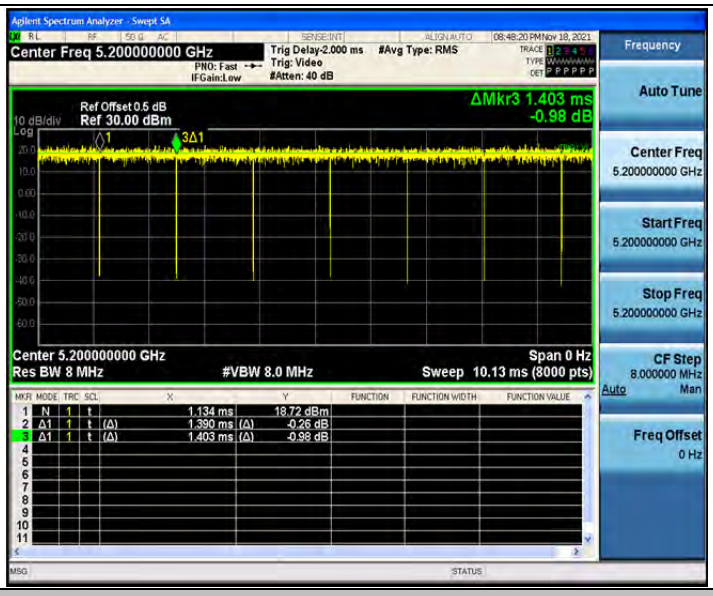
802.11a_Ant2_5180



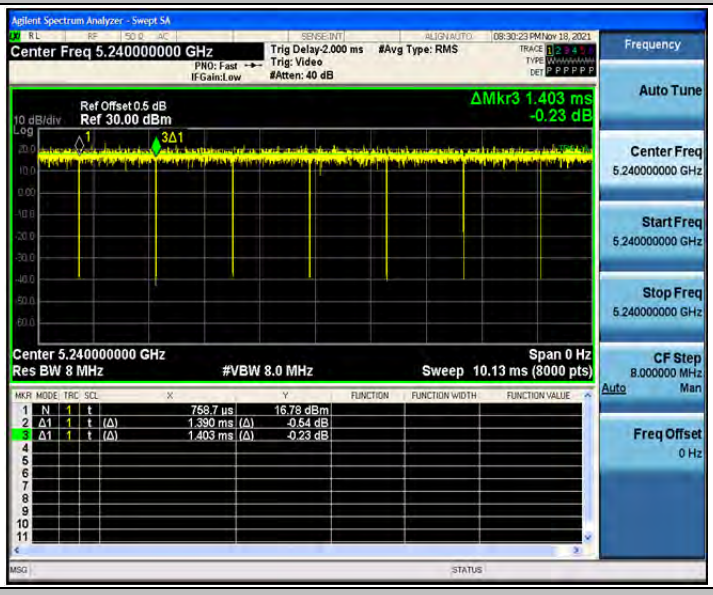
802.11a_Ant1_5200



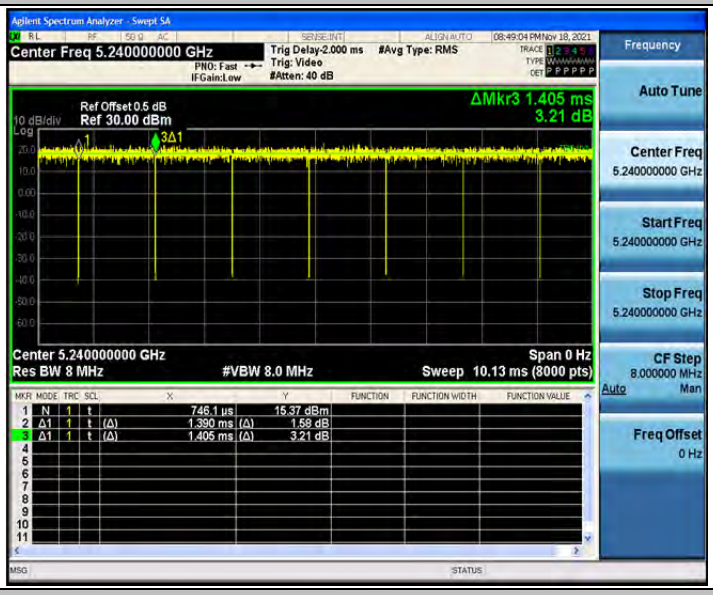
802.11a_Ant2_5200



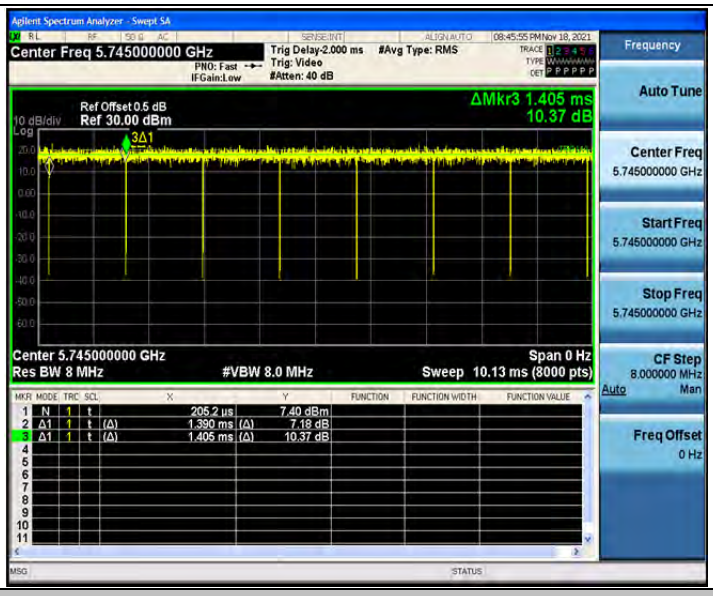
802.11a_Ant1_5240



802.11a_Ant2_5240



802.11a_Ant1_5745



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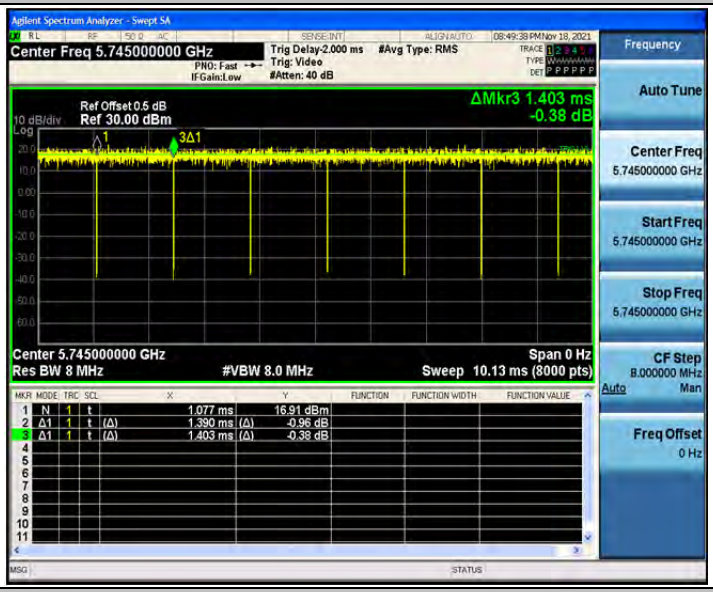
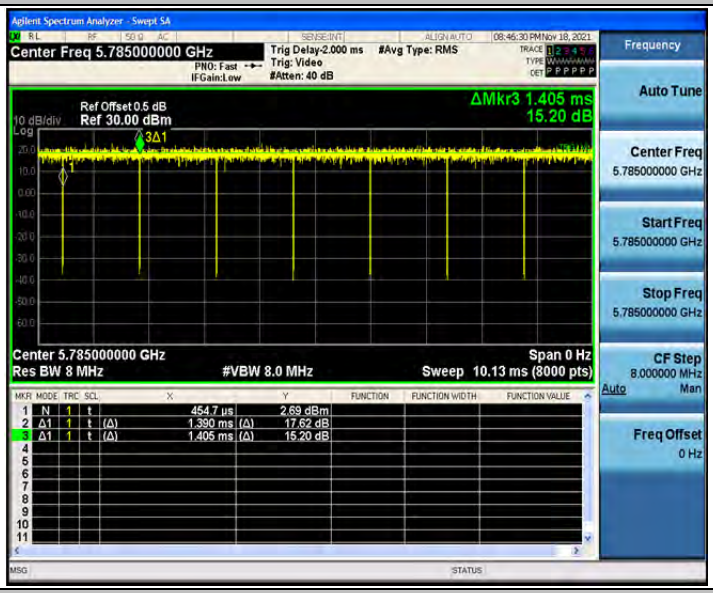


802.11a_Ant1_5785



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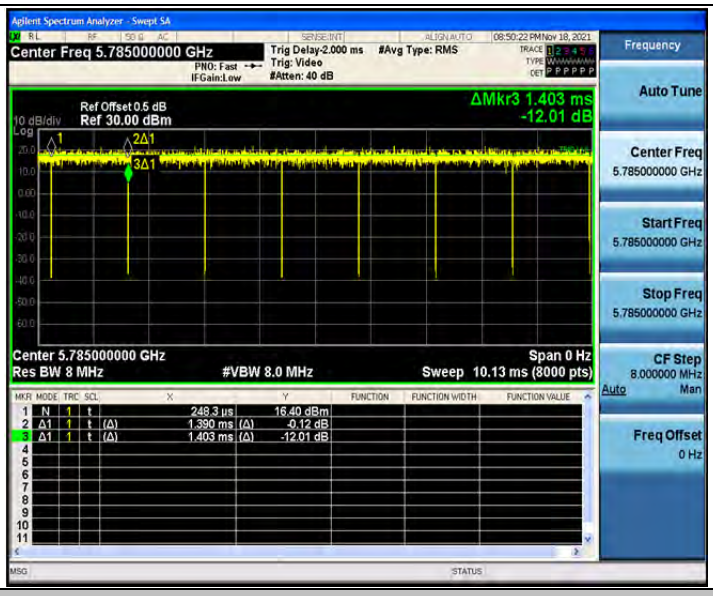

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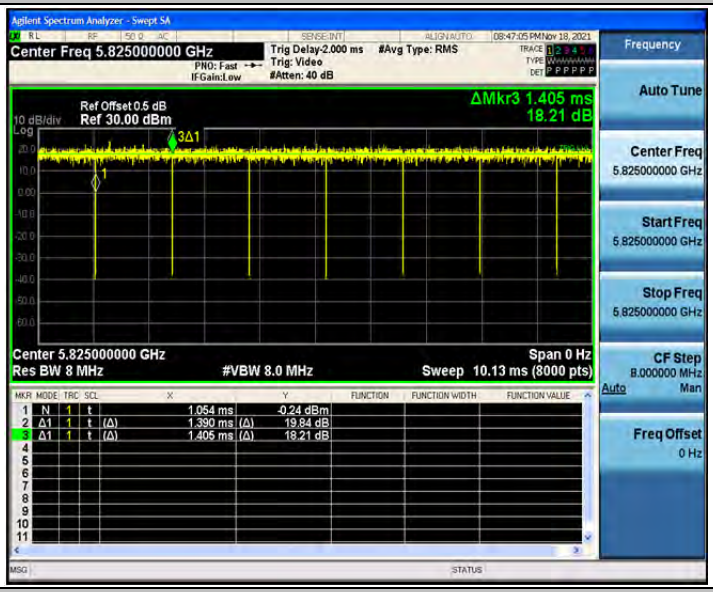

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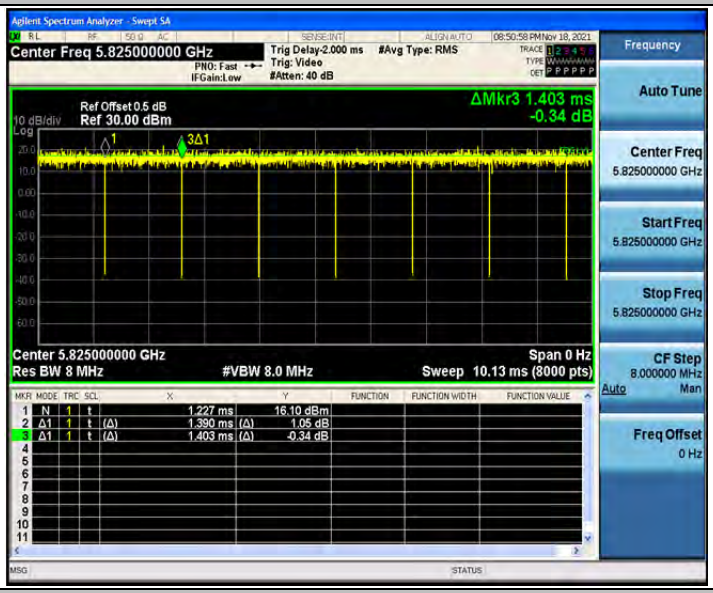
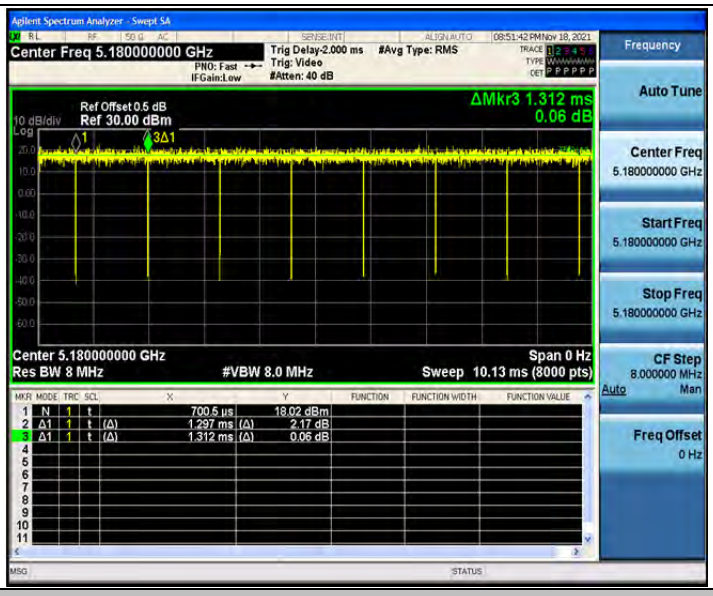


802.11n(HT20)_Ant1_5180



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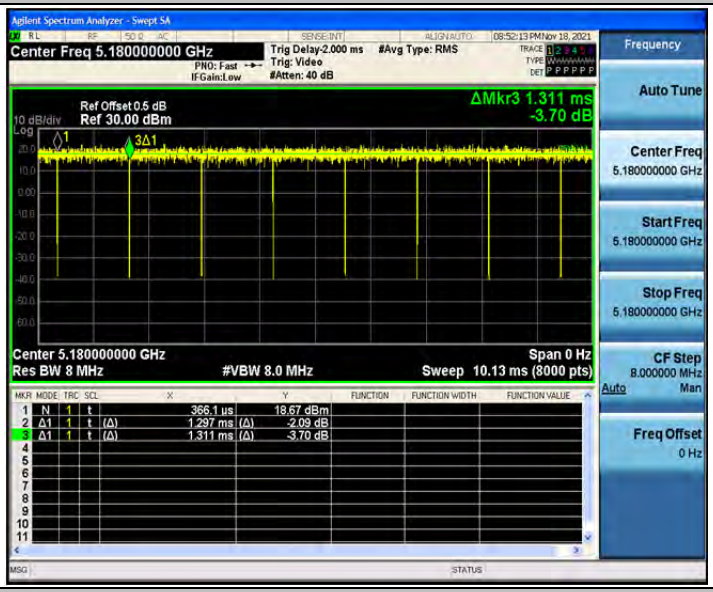

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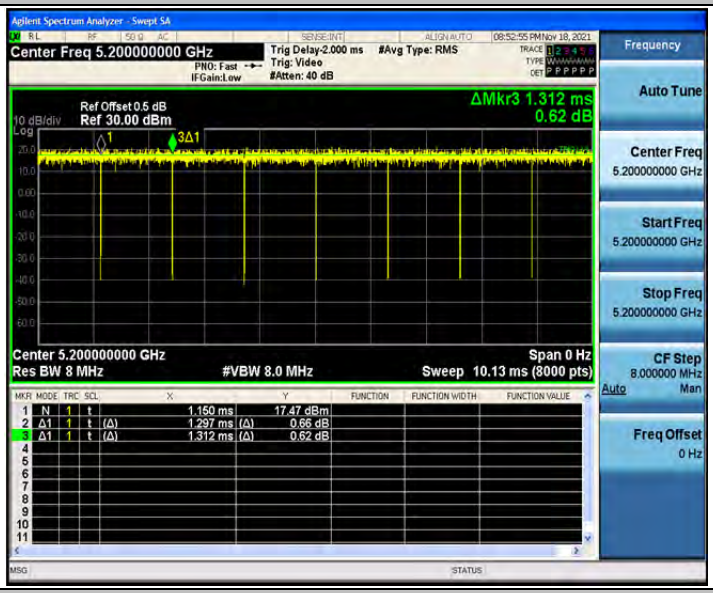

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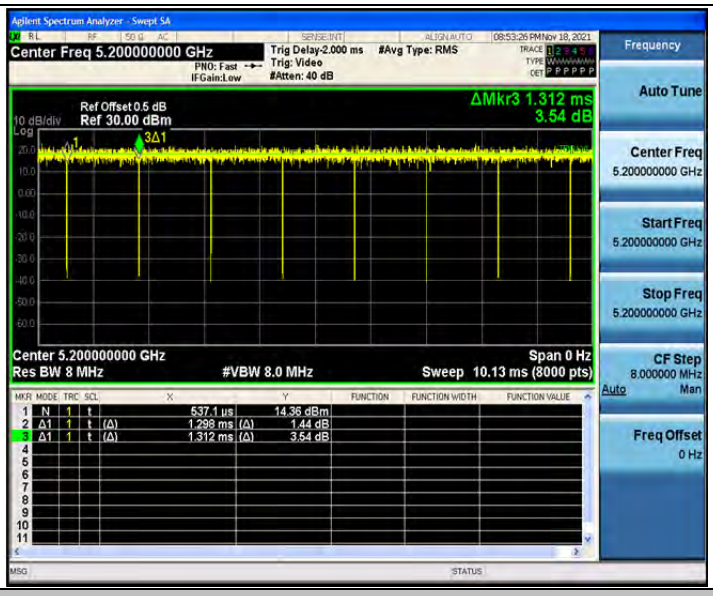
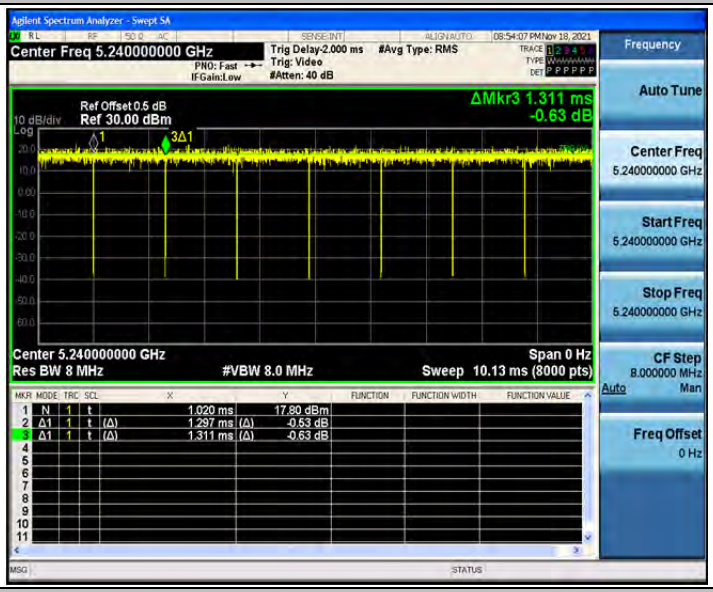
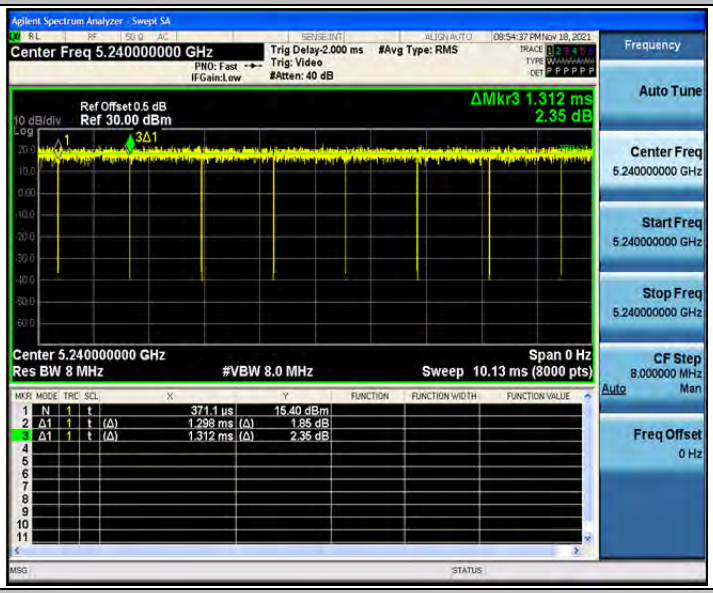


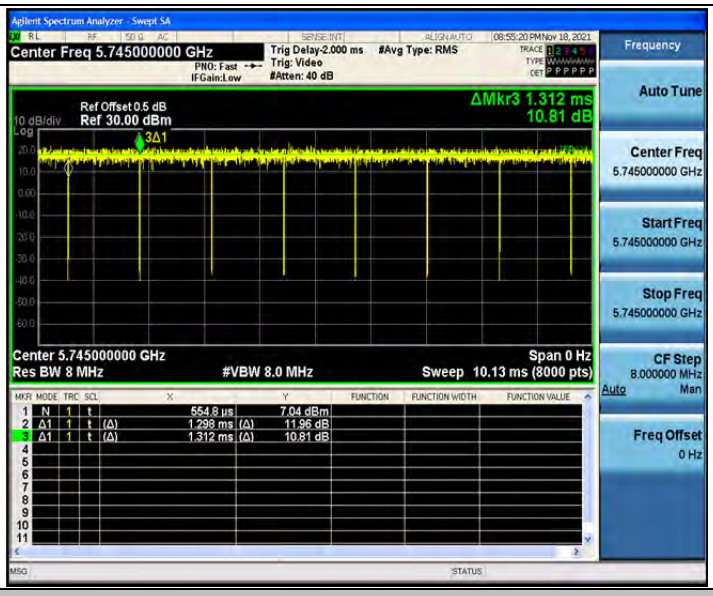
802.11n(HT20)_Ant1_5240



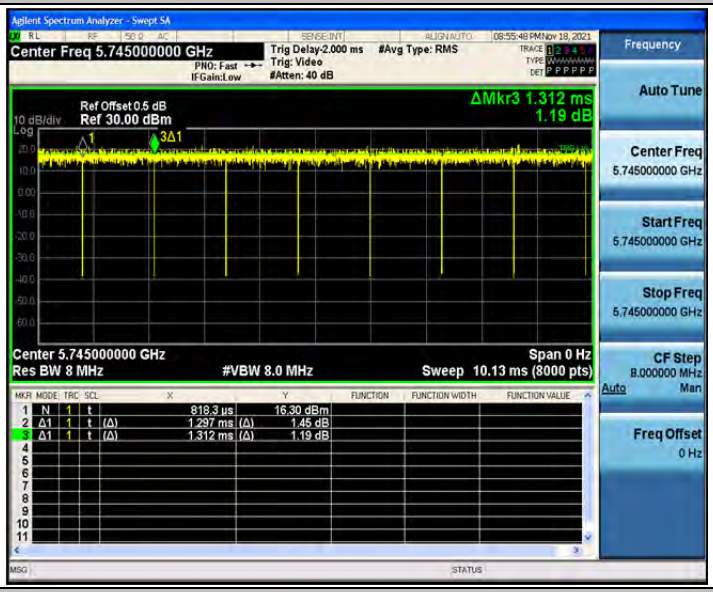
802.11n(HT20)_Ant2_5240



802.11n(HT20)_Ant1_5745



802.11n(HT20)_Ant2_5745



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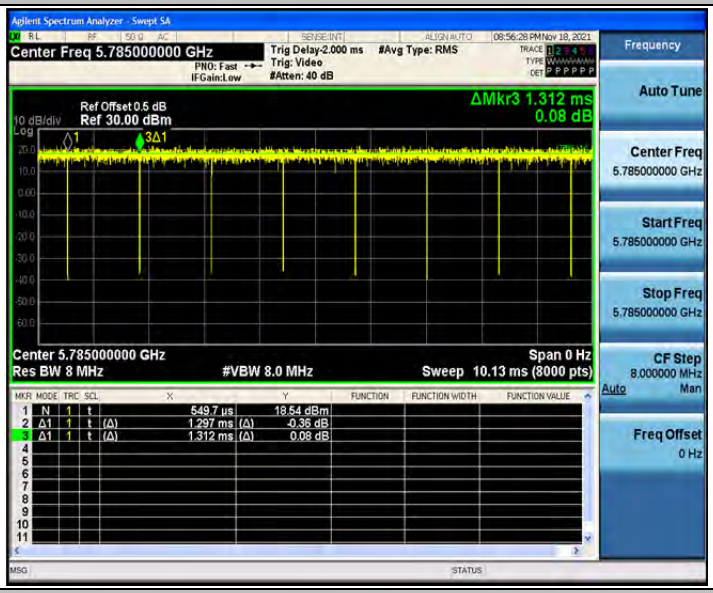
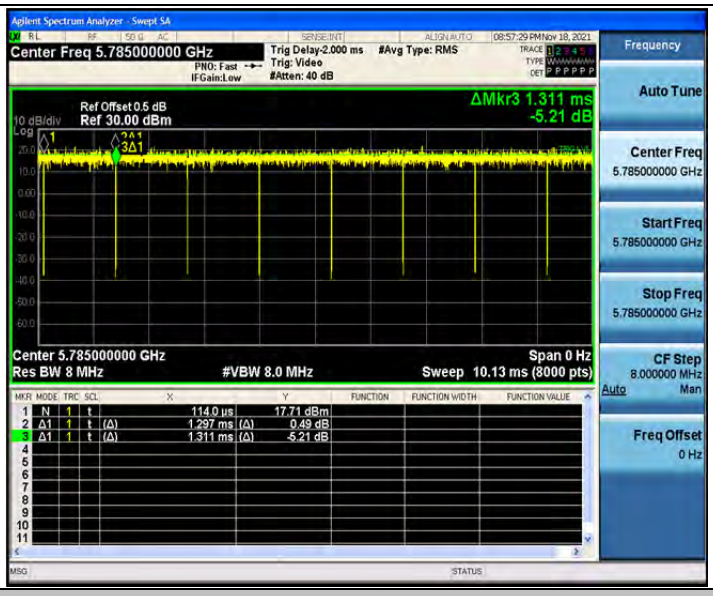
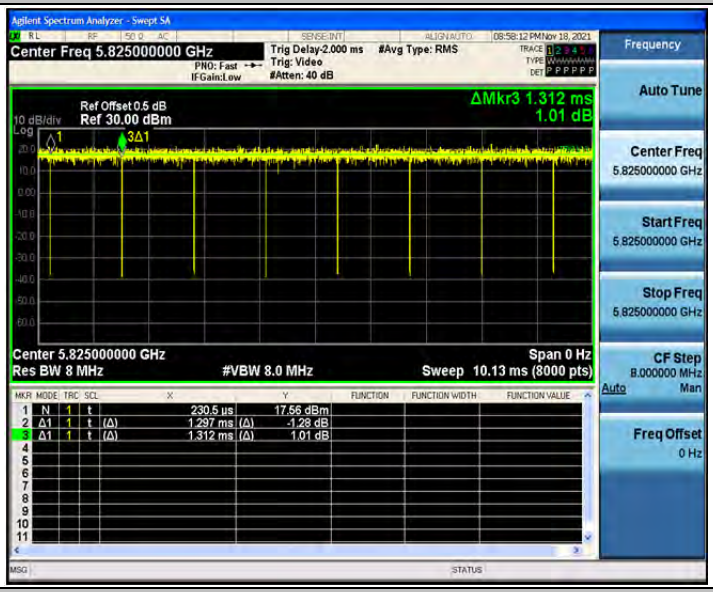


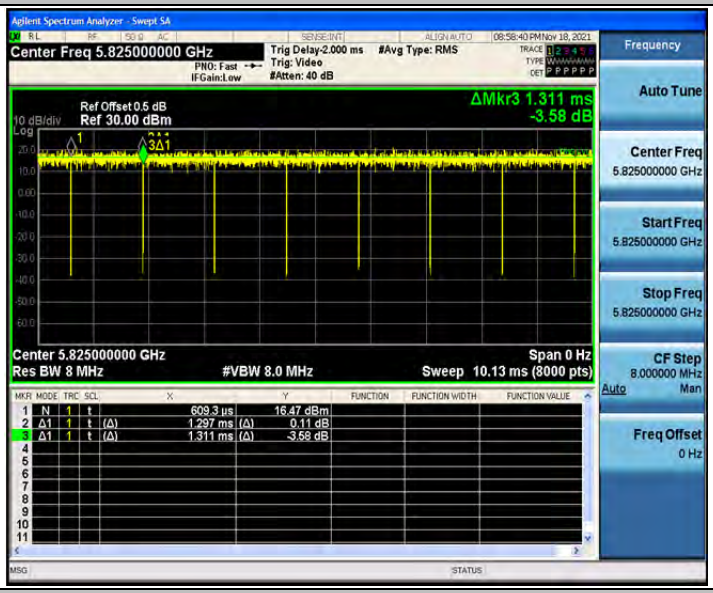
802.11n(HT20)_Ant2_5785



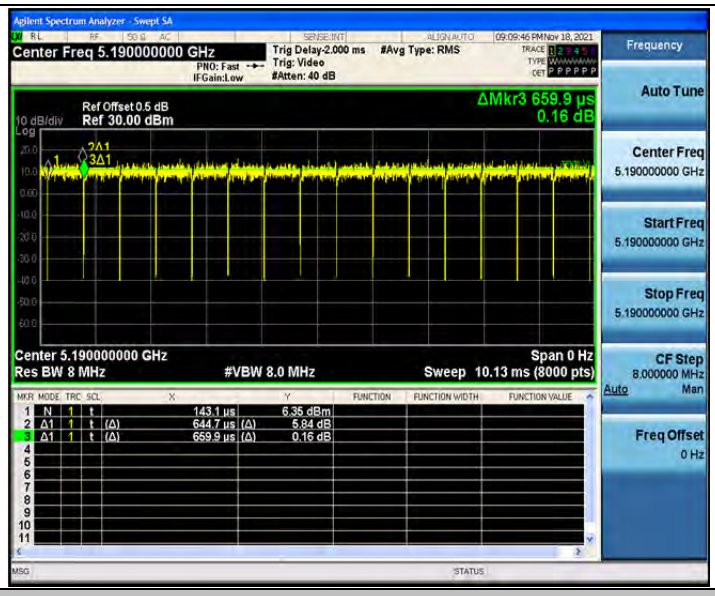
802.11n(HT20)_Ant1_5825



802.11n(HT20)_Ant2_5825



802.11n(HT40)_Ant1_5190



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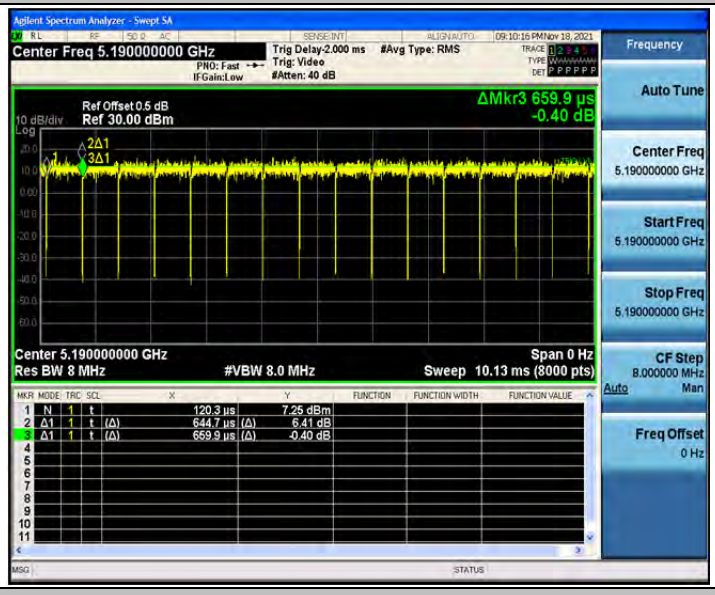
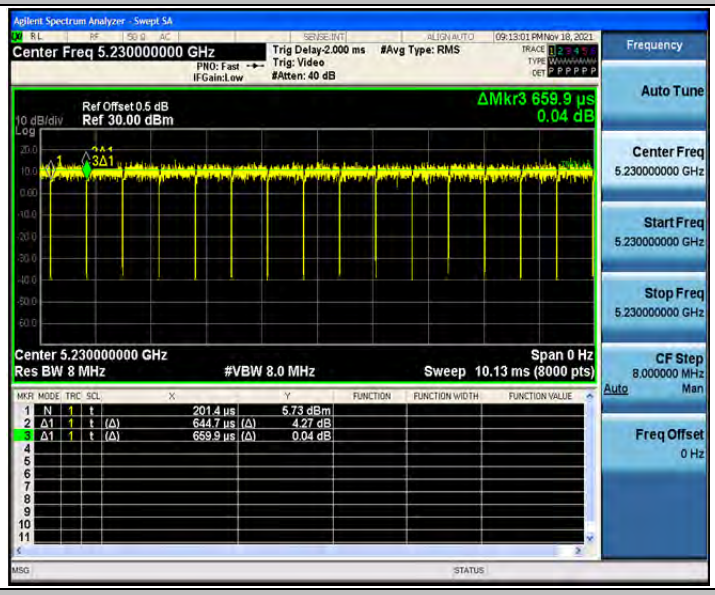


802.11n(HT40)_Ant1_5230



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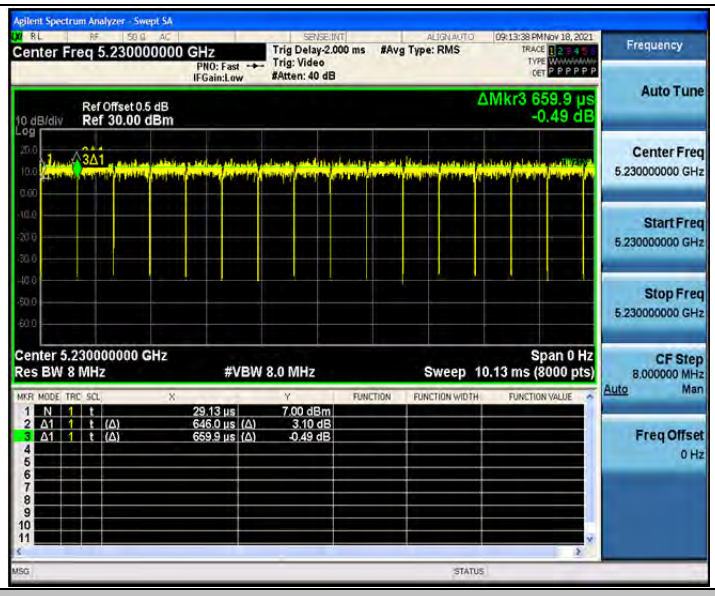
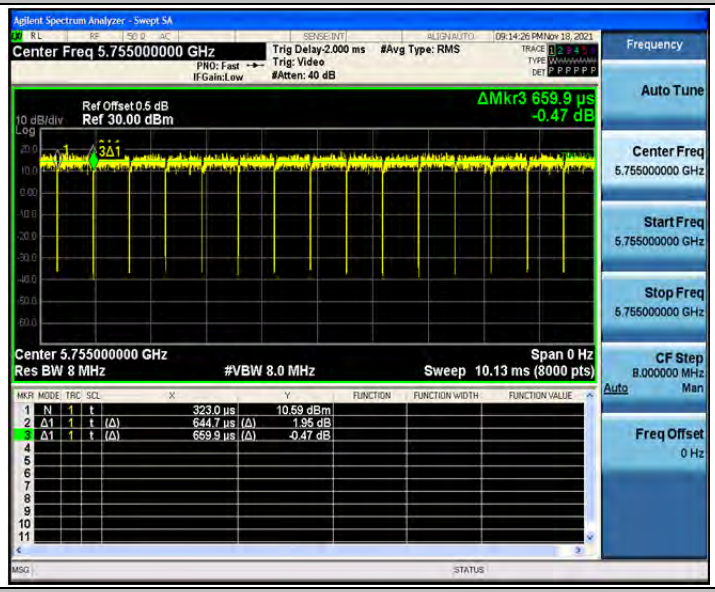


802.11n(HT40)_Ant1_5755



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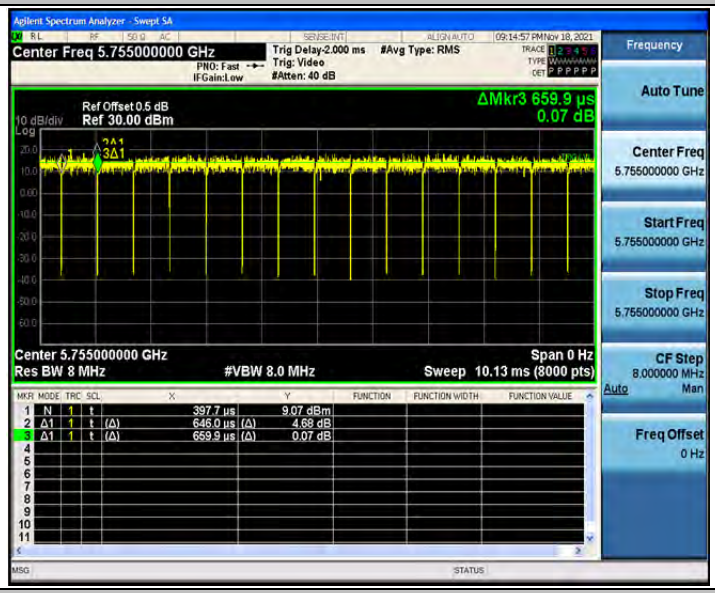
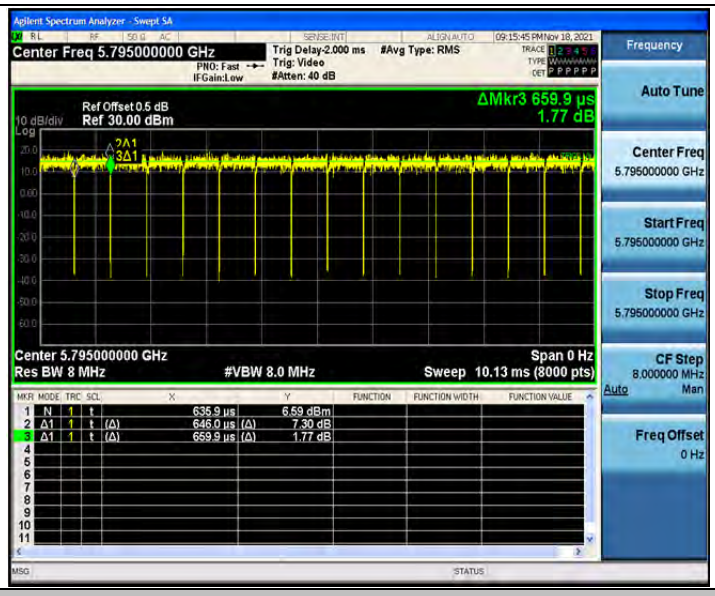


802.11n(HT40)_Ant1_5795



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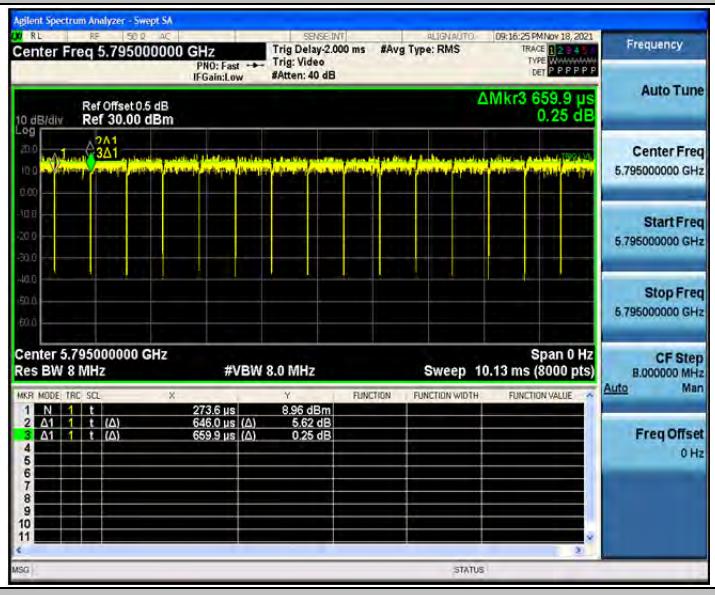

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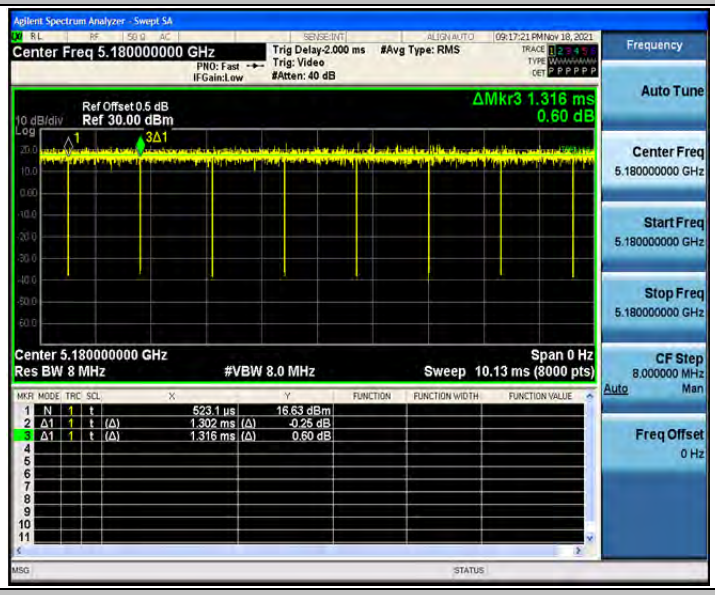
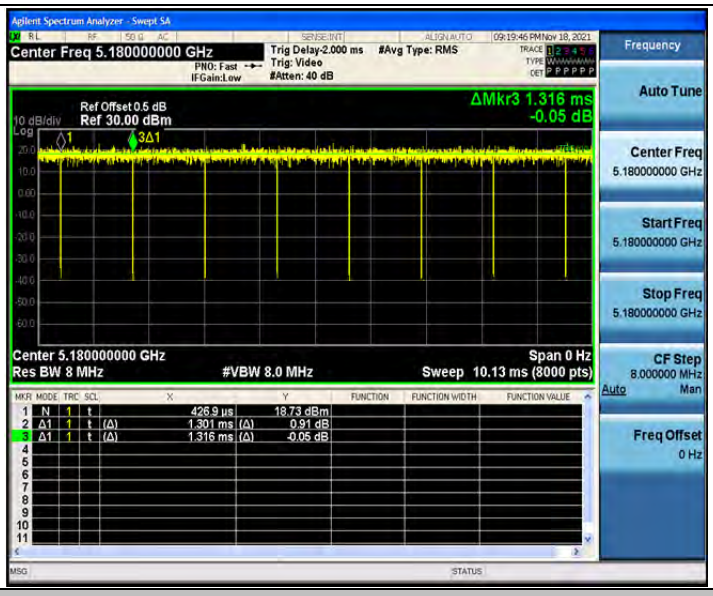


802.11ac(VHT20)_Ant2_5180



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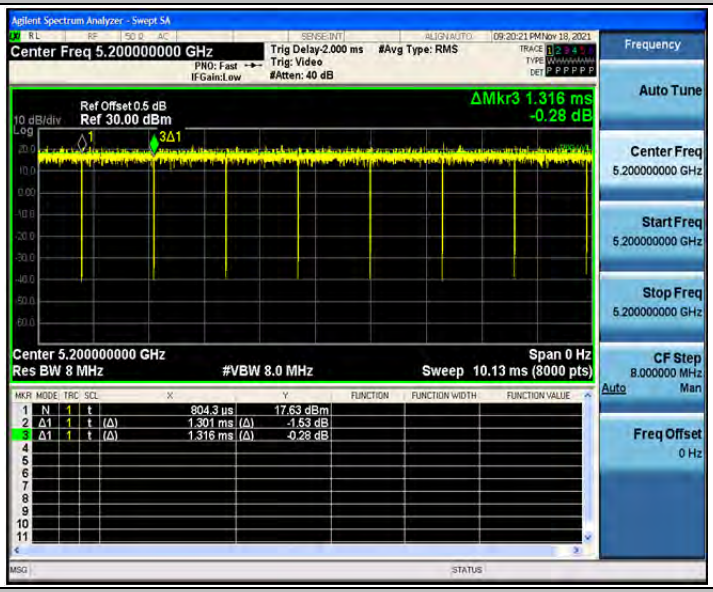

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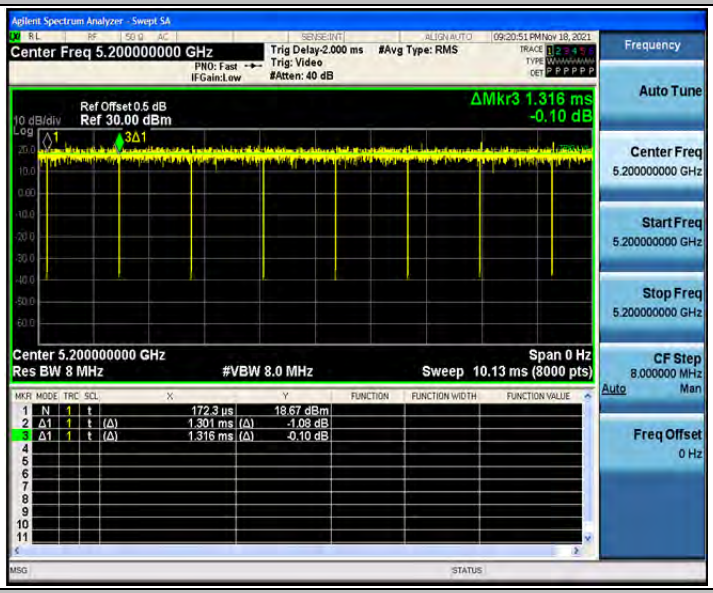
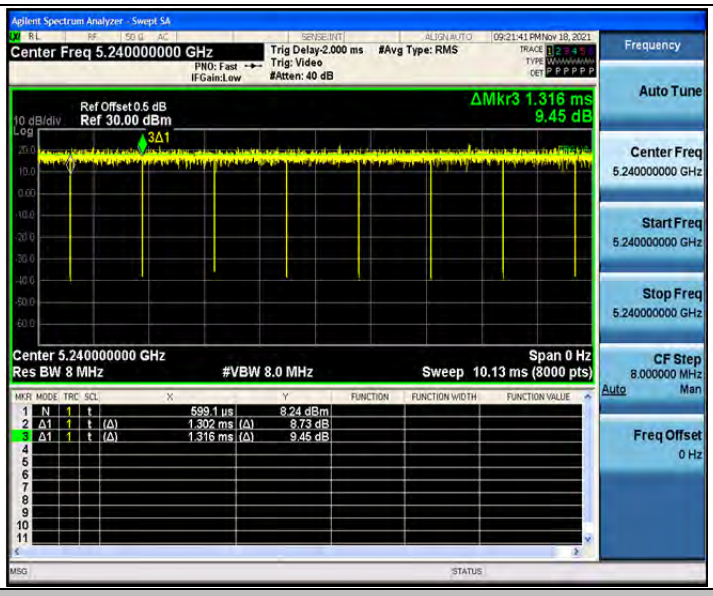
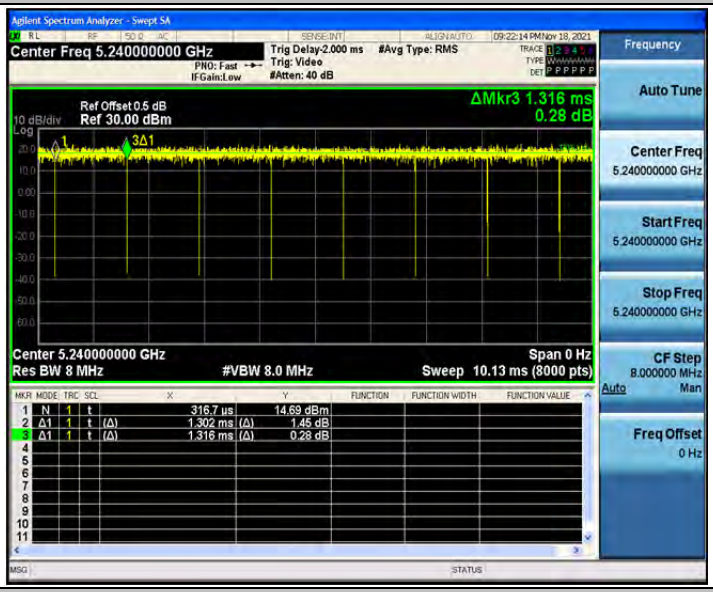


802.11ac(VHT20)_Ant1_5240



802.11ac(VHT20)_Ant2_5240



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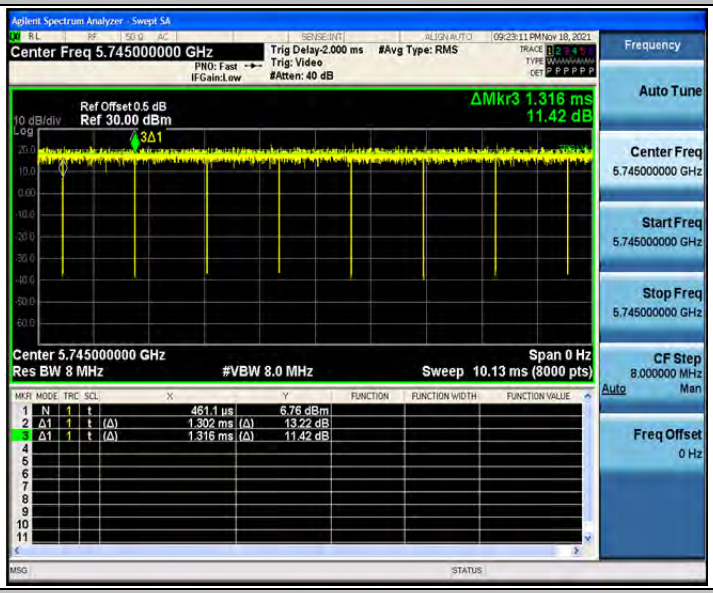
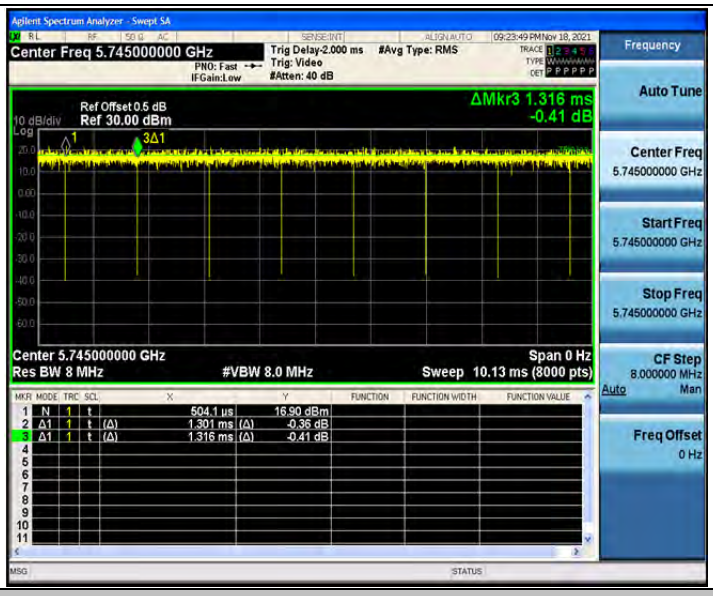


802.11ac(VHT20)_Ant2_5745



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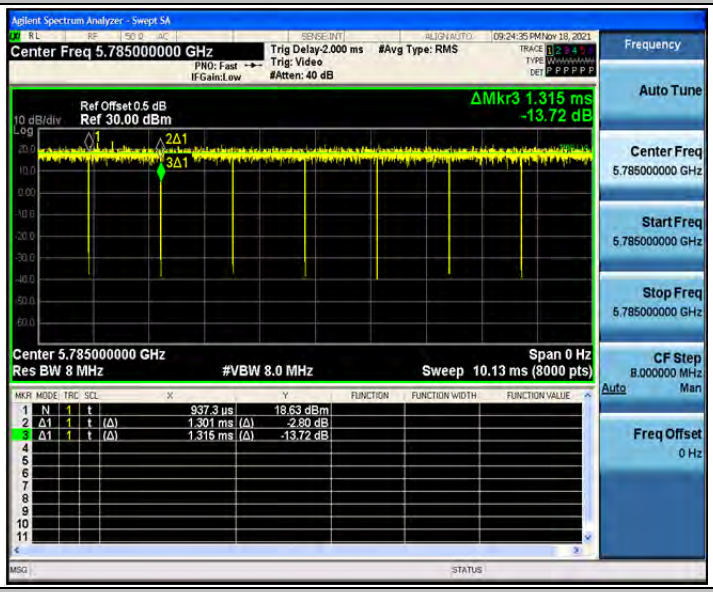
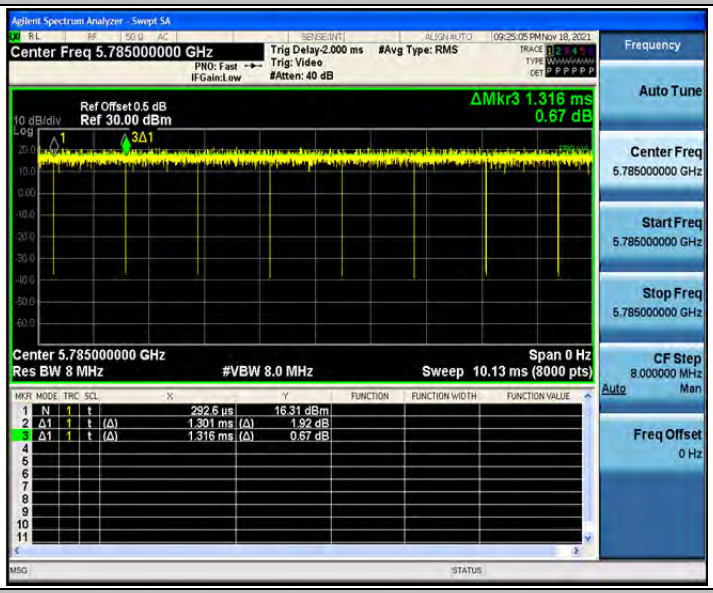


802.11ac(VHT20)_Ant2_5785



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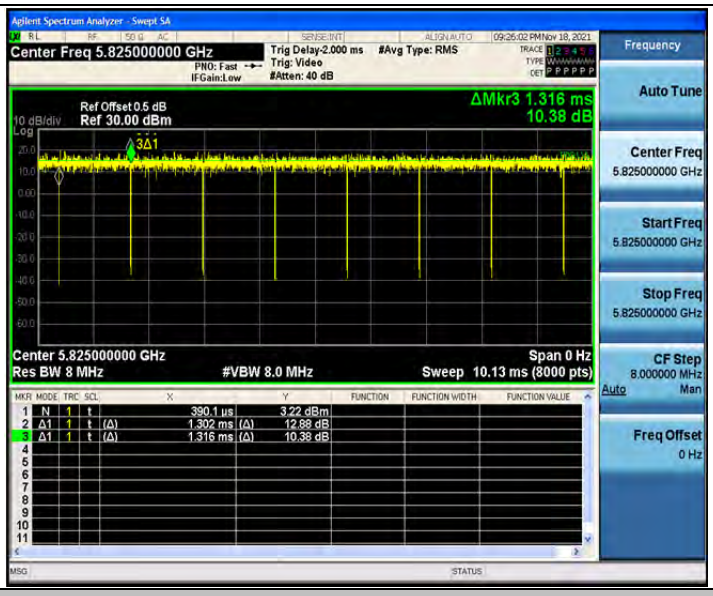
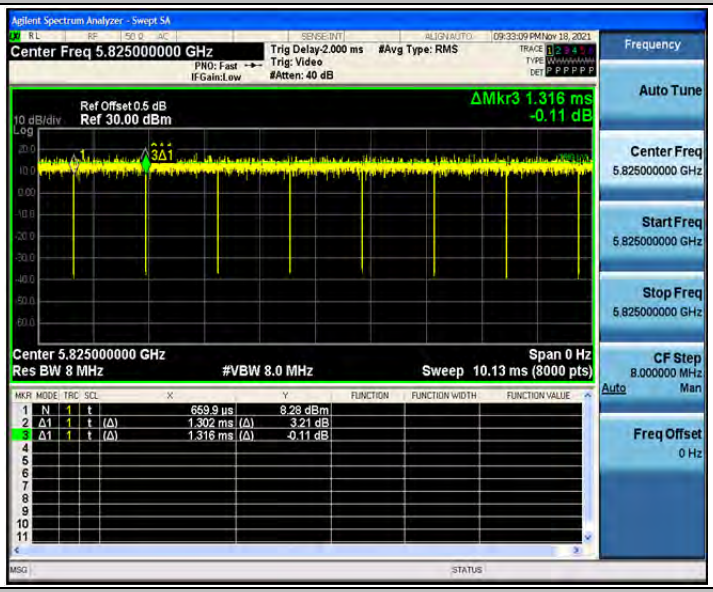
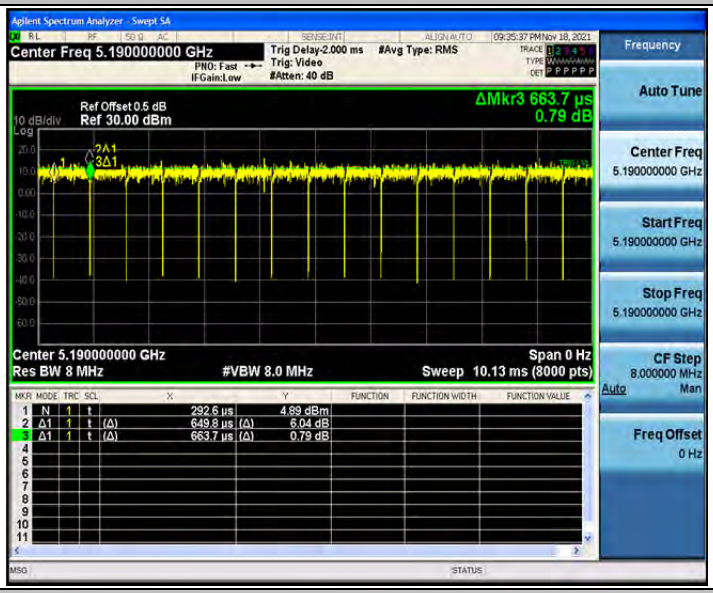


802.11ac(VHT20)_Ant2_5825



802.11ac(VHT40)_Ant1_5190



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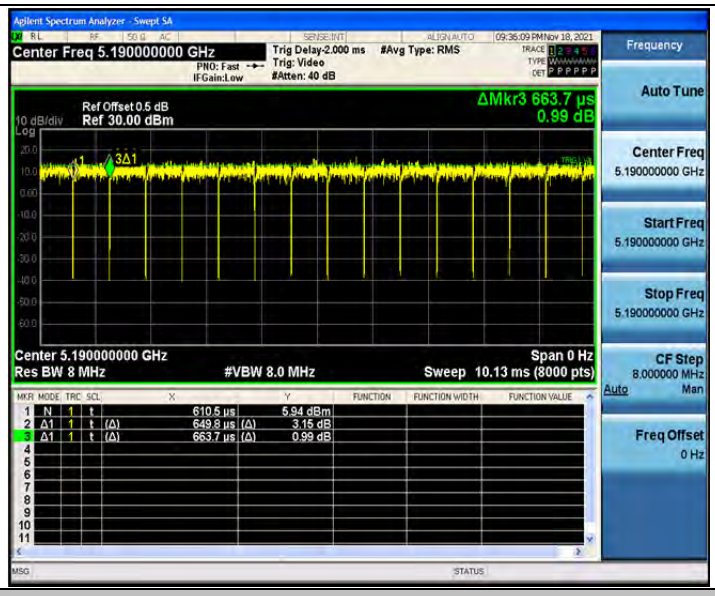
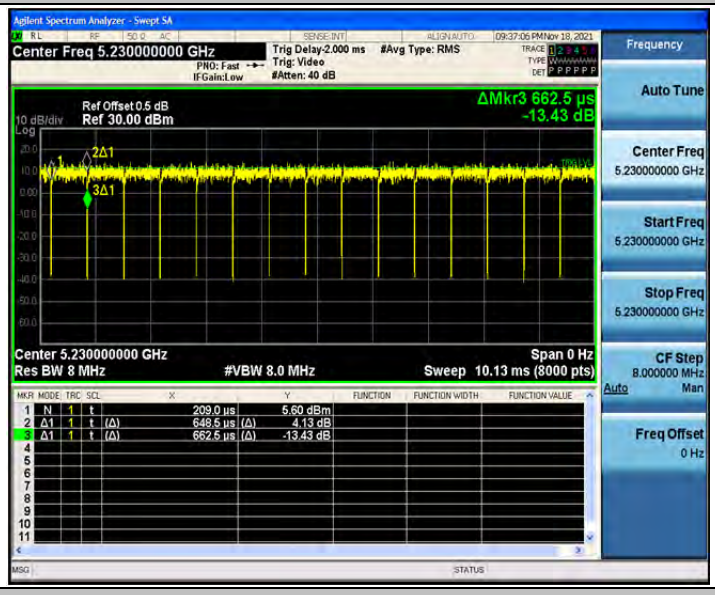


802.11ac(VHT40)_Ant1_5230



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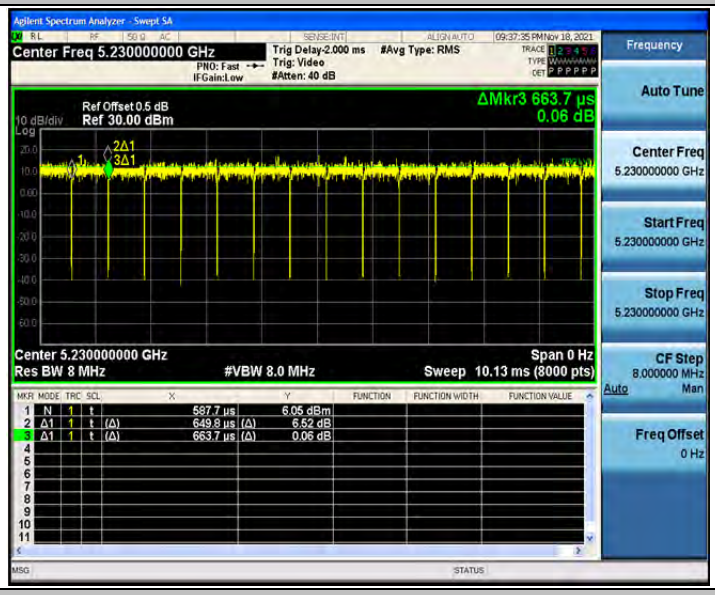
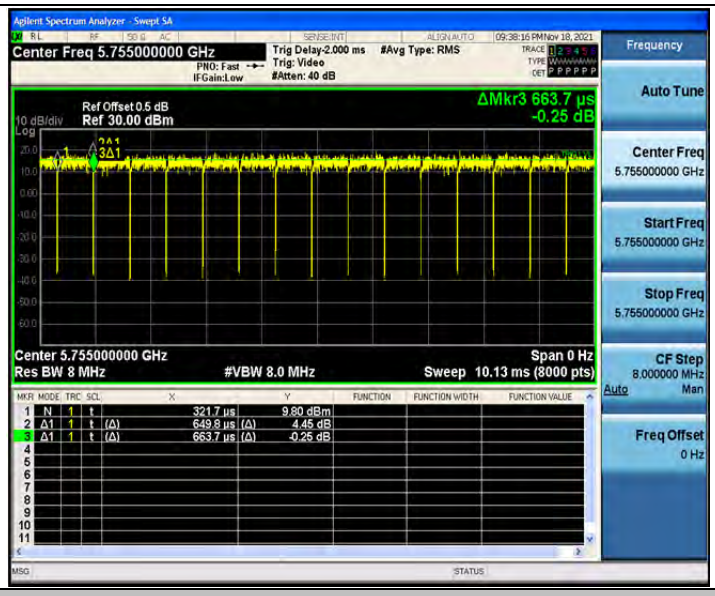


802.11ac(VHT40)_Ant1_5755



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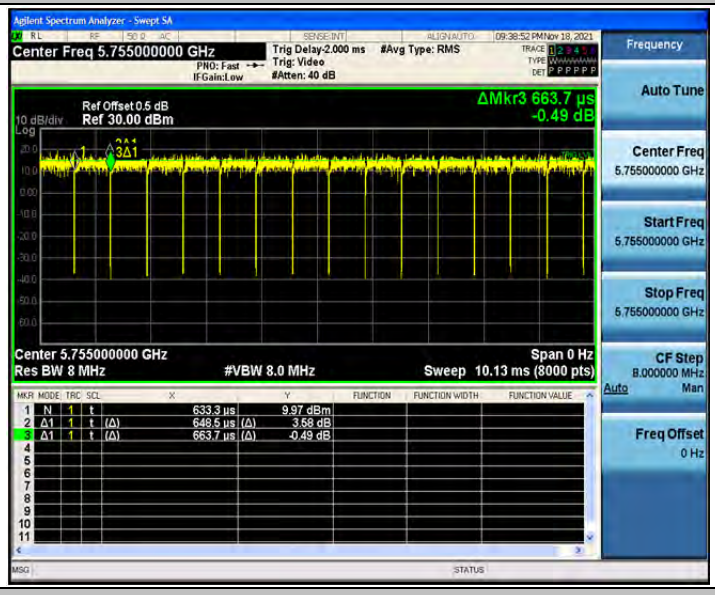

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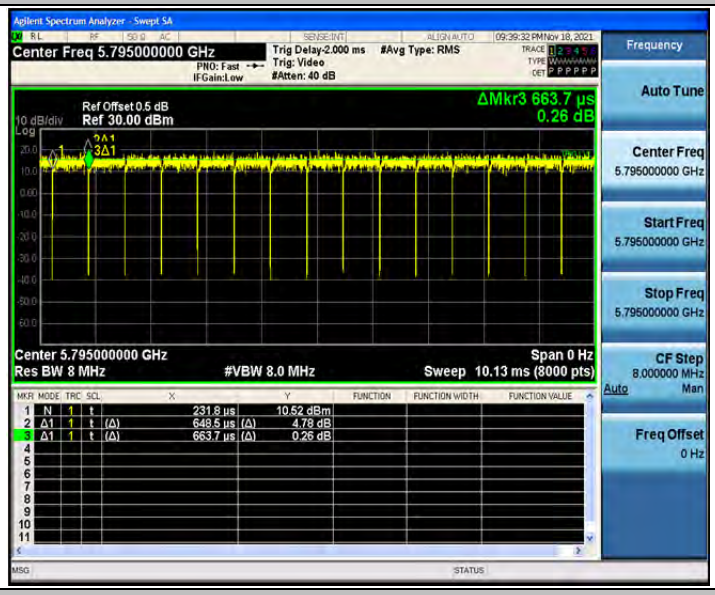

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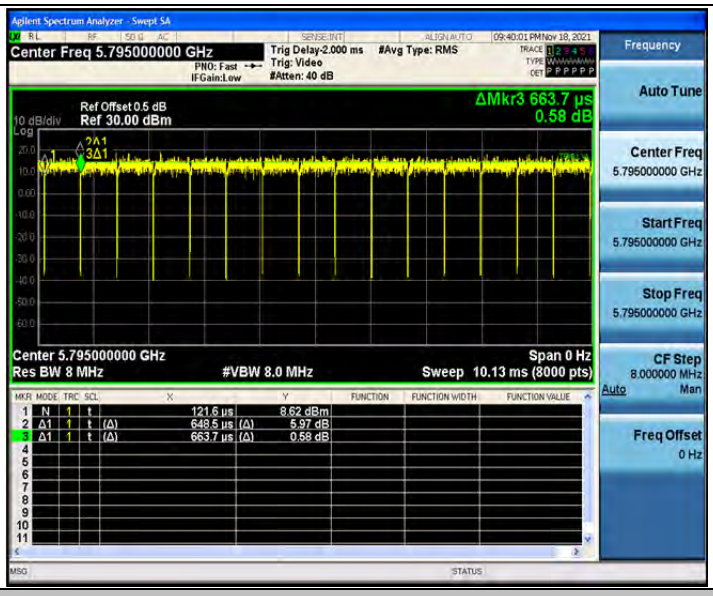
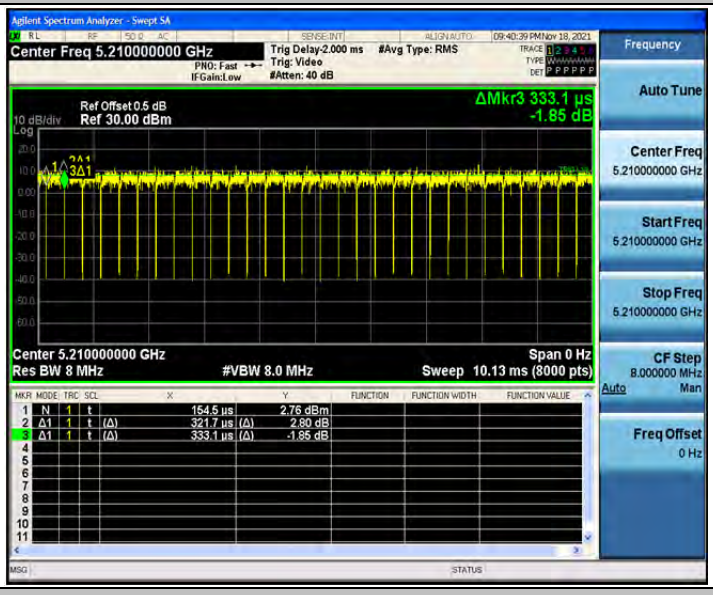
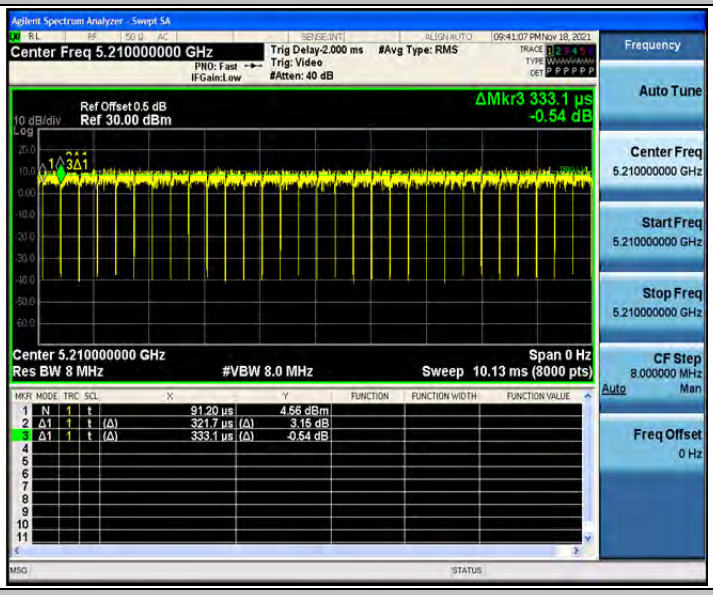


802.11ac(VHT80)_Ant1_5210



802.11ac(VHT80)_Ant2_5210



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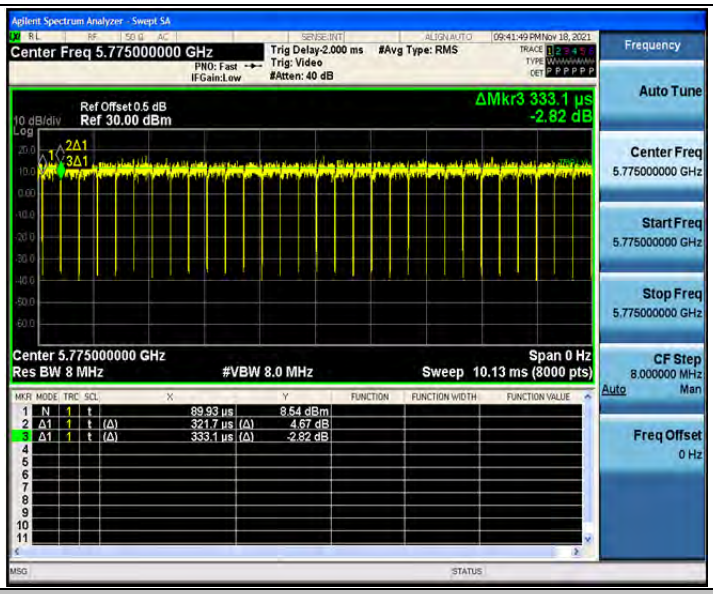

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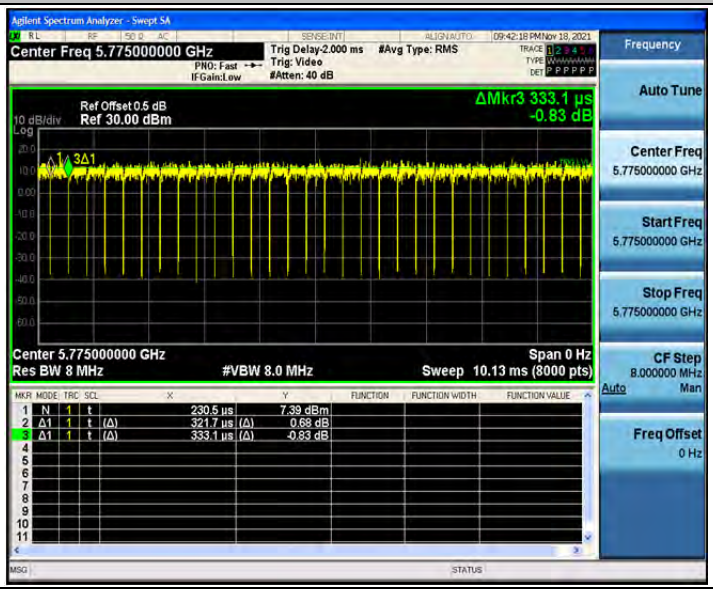

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