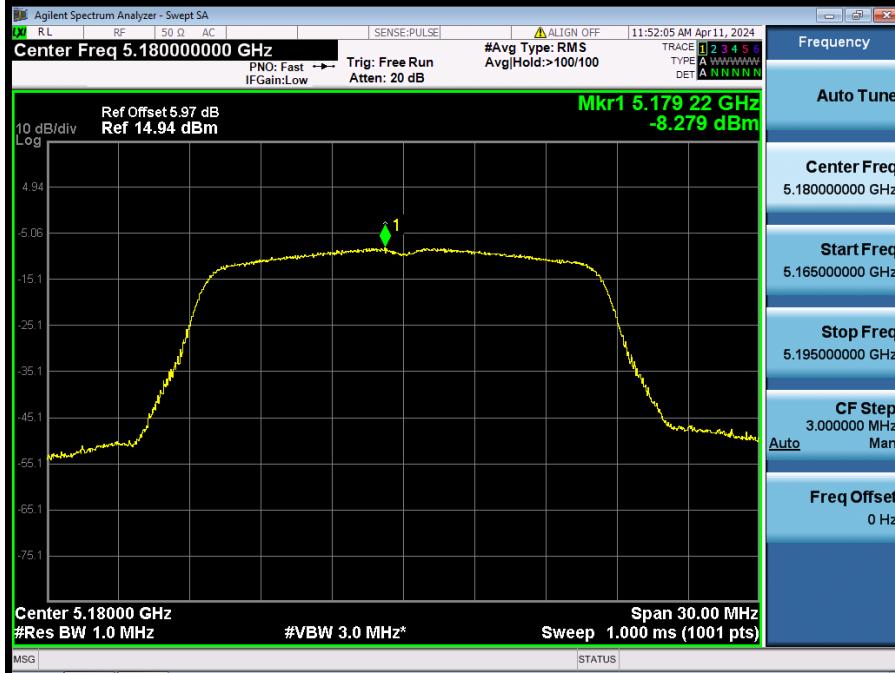


APPENDIXG - POWER SPECTRAL DENSITY

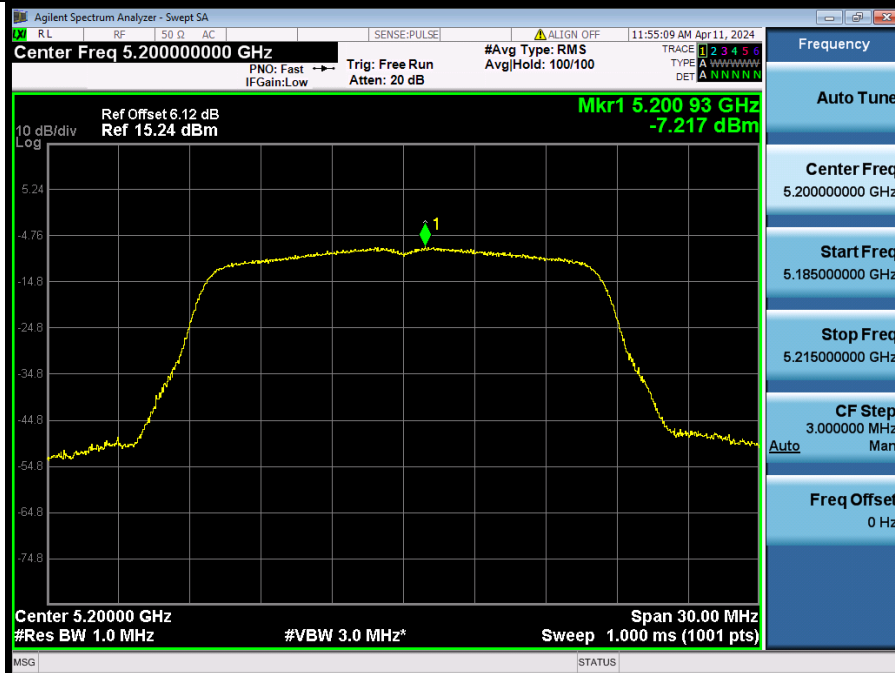
UNII-1

Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/MHz)	Duty factor(dB)	Total PSD(dBm/MHz)	limit(dBm)	Result
HVNT	ANT1	802.11a	5180.00	-8.28	0.12	-8.16	11	Pass
HVNT	ANT1	802.11a	5200.00	-7.22	0.12	-7.10	11	Pass
HVNT	ANT1	802.11a	5240.00	-6.18	0.12	-6.06	11	Pass
HVNT	ANT1	802.11n(HT20)	5180.00	-8.46	0.13	-8.32	11	Pass
HVNT	ANT1	802.11n(HT20)	5200.00	-7.05	0.13	-6.92	11	Pass
HVNT	ANT1	802.11n(HT20)	5240.00	-5.65	0.20	-5.45	11	Pass
HVNT	ANT1	802.11ac(VHT20)	5180.00	-8.51	0.20	-8.31	11	Pass
HVNT	ANT1	802.11ac(VHT20)	5200.00	-7.47	0.13	-7.34	11	Pass
HVNT	ANT1	802.11ac(VHT20)	5240.00	-6.43	0.13	-6.30	11	Pass
HVNT	ANT1	802.11n(HT40)	5190.00	-11.69	0.26	-11.43	11	Pass
HVNT	ANT1	802.11n(HT40)	5230.00	-9.55	0.26	-9.29	11	Pass
HVNT	ANT1	802.11ac(VHT40)	5190.00	-11.63	0.26	-11.37	11	Pass
HVNT	ANT1	802.11ac(VHT40)	5230.00	-9.57	0.39	-9.18	11	Pass
HVNT	ANT1	802.11ac(VHT80)	5210.00	-12.11	0.00	-12.11	11	Pass

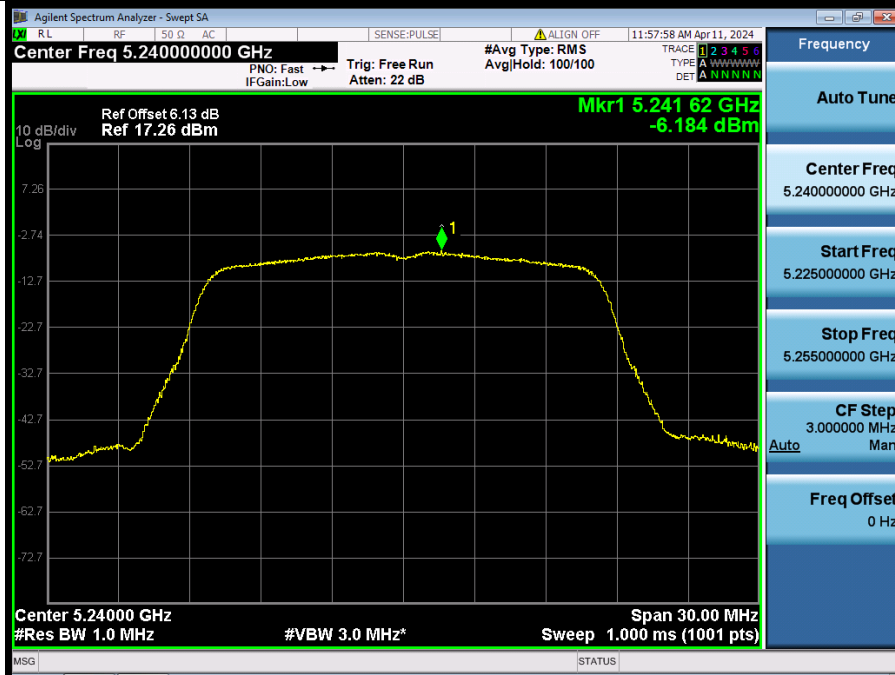
Power Spectral Density HVNT_ANT1_802_11a_5180



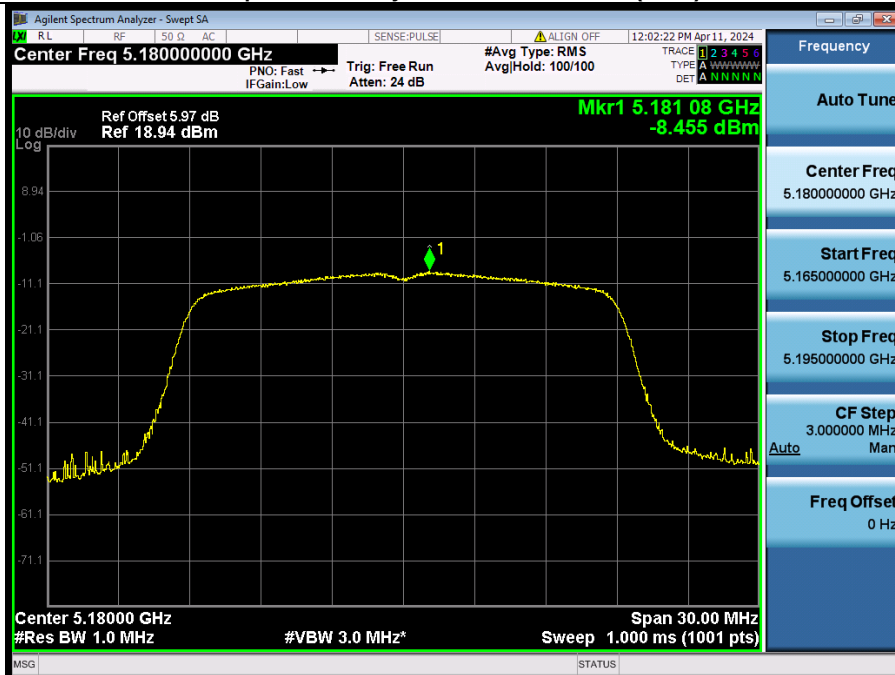
Power Spectral Density HVNT_ANT1_802_11a_5200



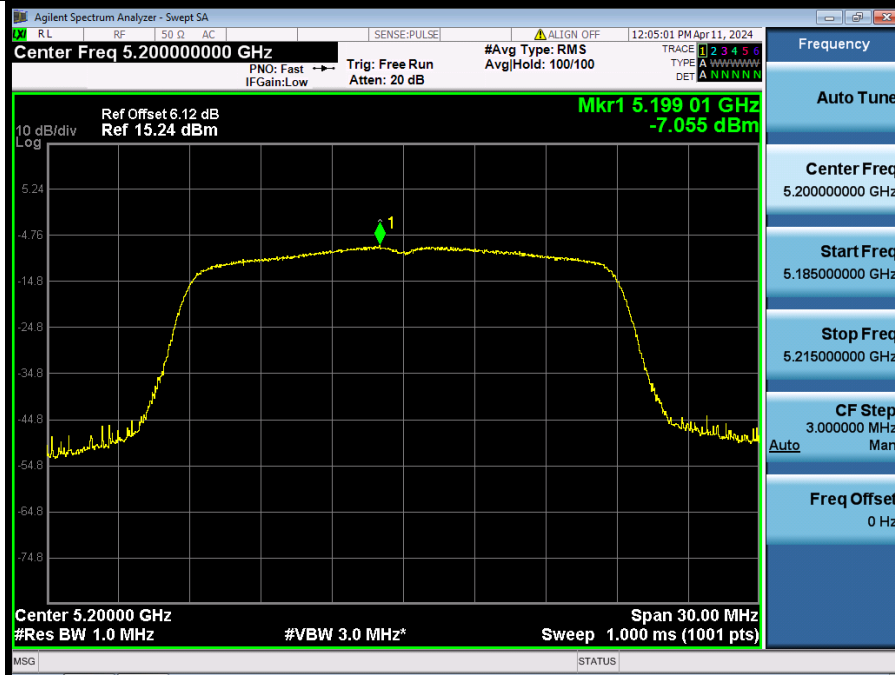
Power Spectral Density HVNT_ANT1_802_11a_5240



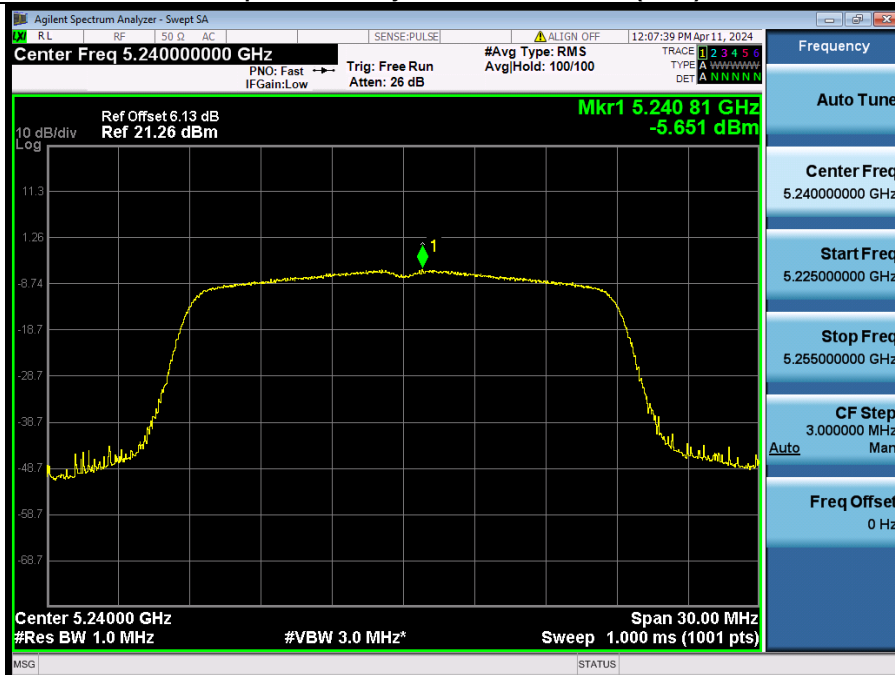
Power Spectral Density HVNT_ANT1_802_11n(HT20)_5180



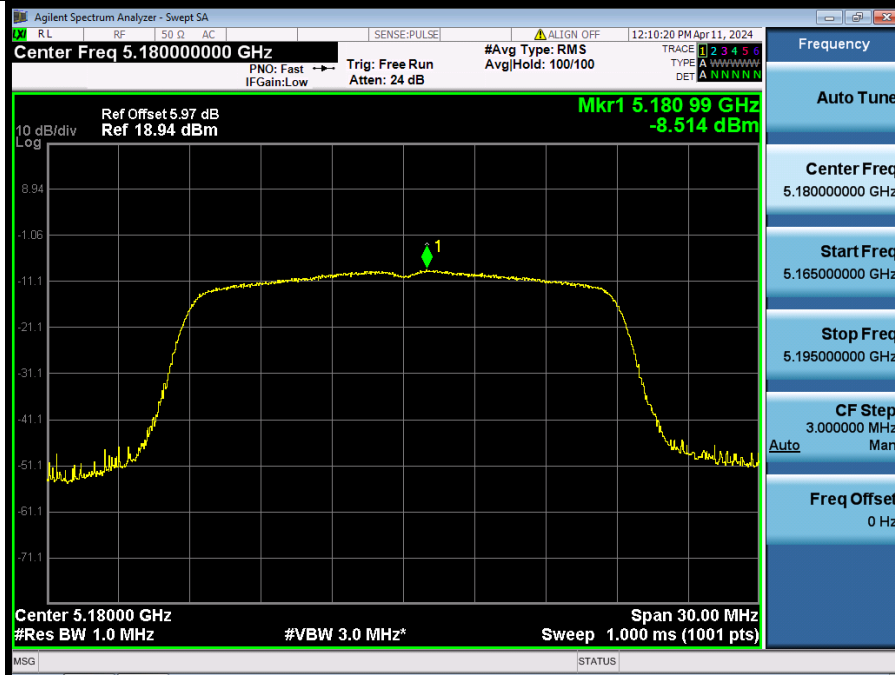
Power Spectral Density HVNT_ANT1_802_11n(HT20)_5200



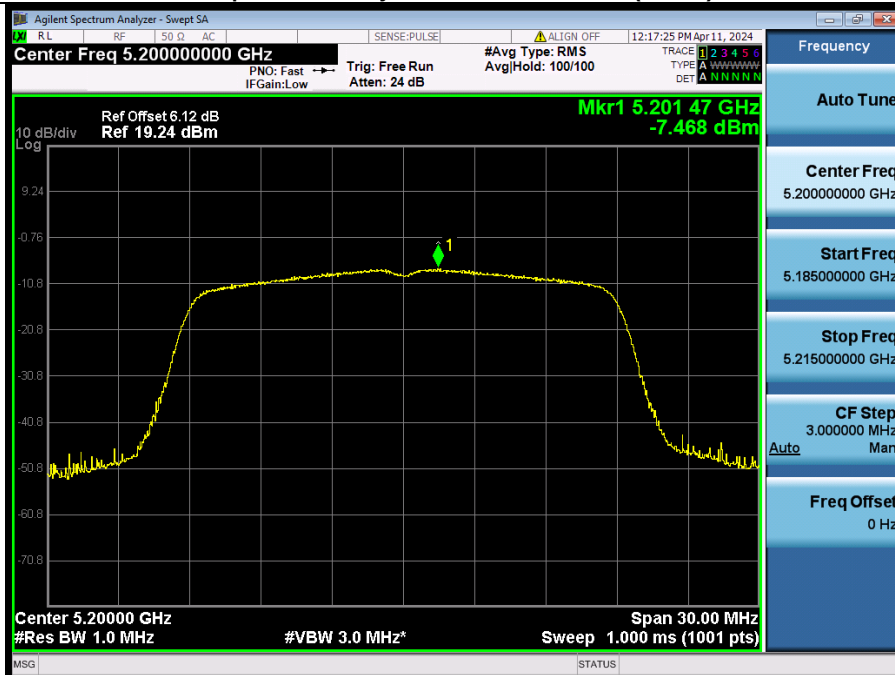
Power Spectral Density HVNT_ANT1_802_11n(HT20)_5240



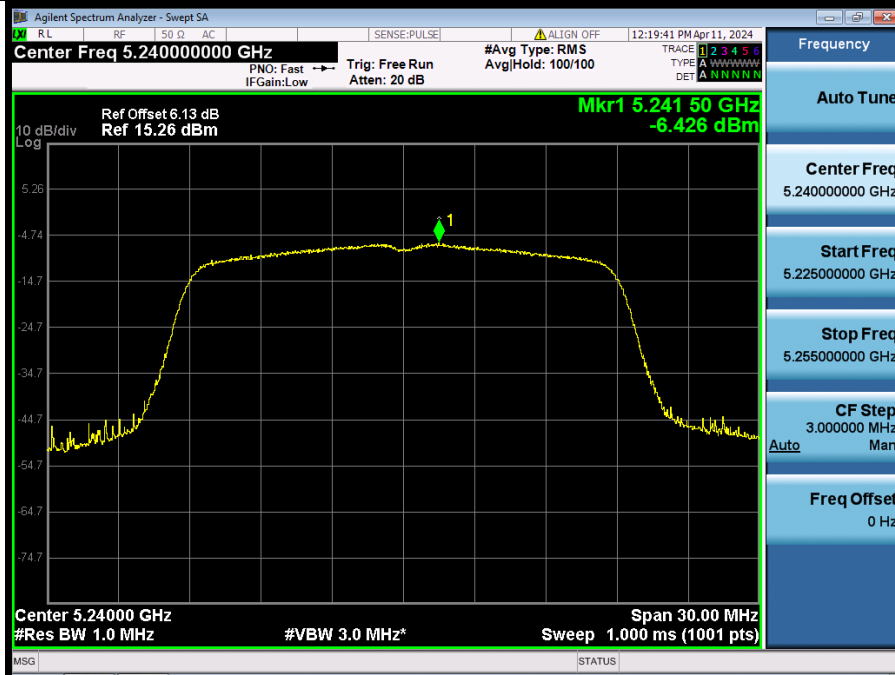
Power Spectral Density HVNT_ANT1_802_11ac(VHT20)_5180



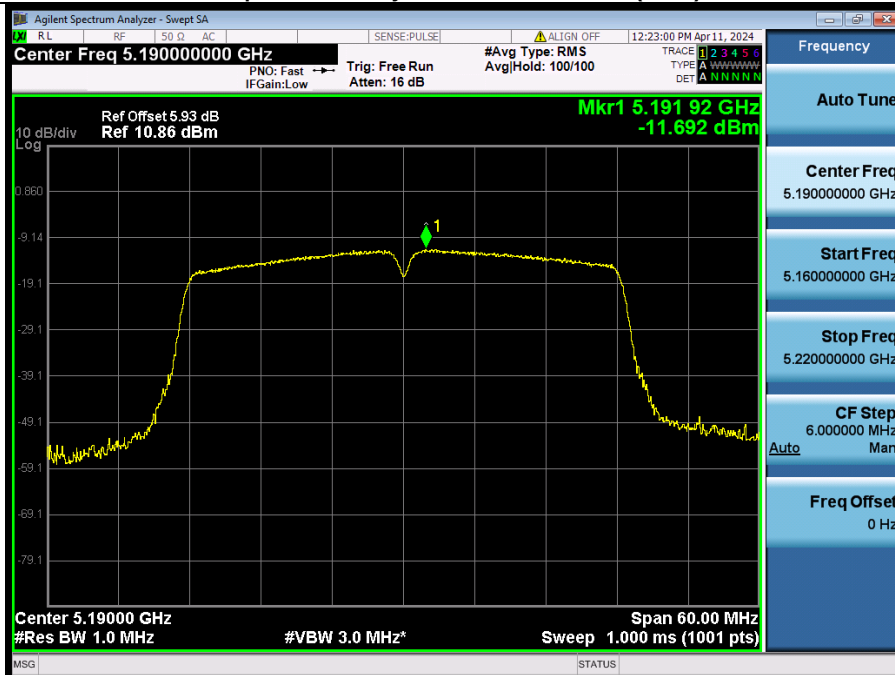
Power Spectral Density HVNT_ANT1_802_11ac(VHT20)_5200



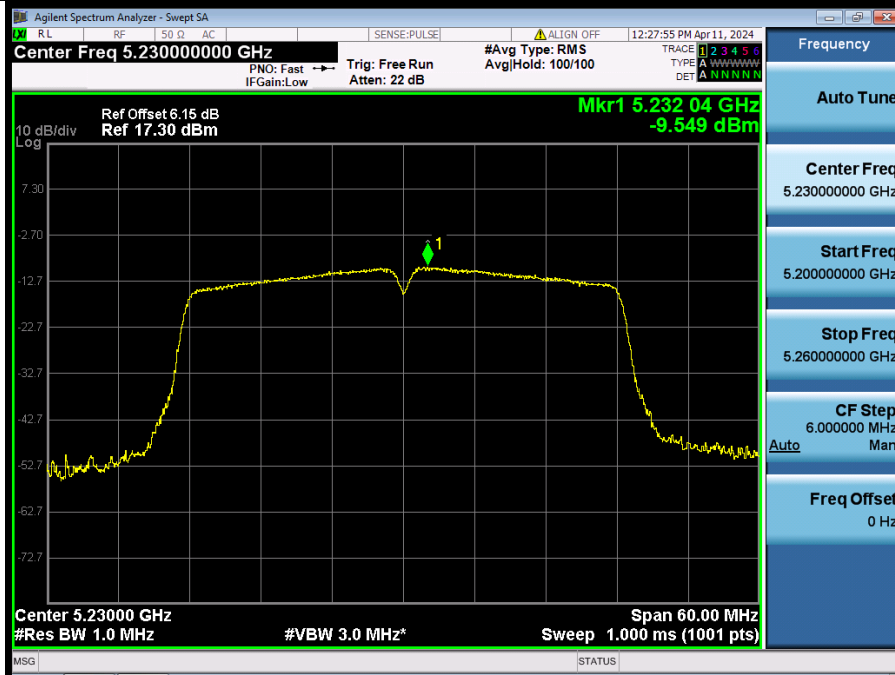
Power Spectral Density HVNT_ANT1_802_11ac(VHT20)_5240



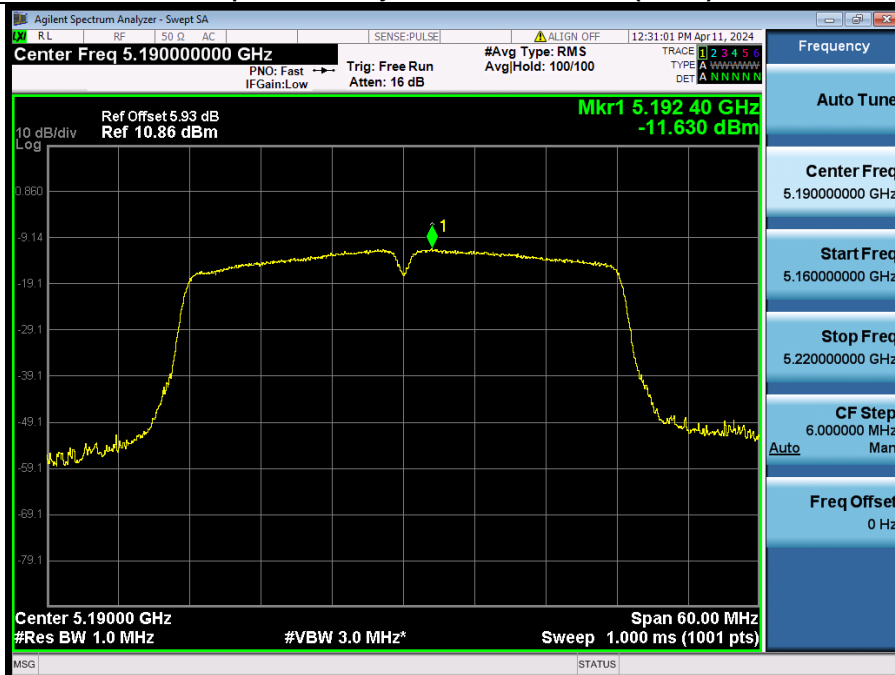
Power Spectral Density HVNT_ANT1_802_11n(HT40)_5190



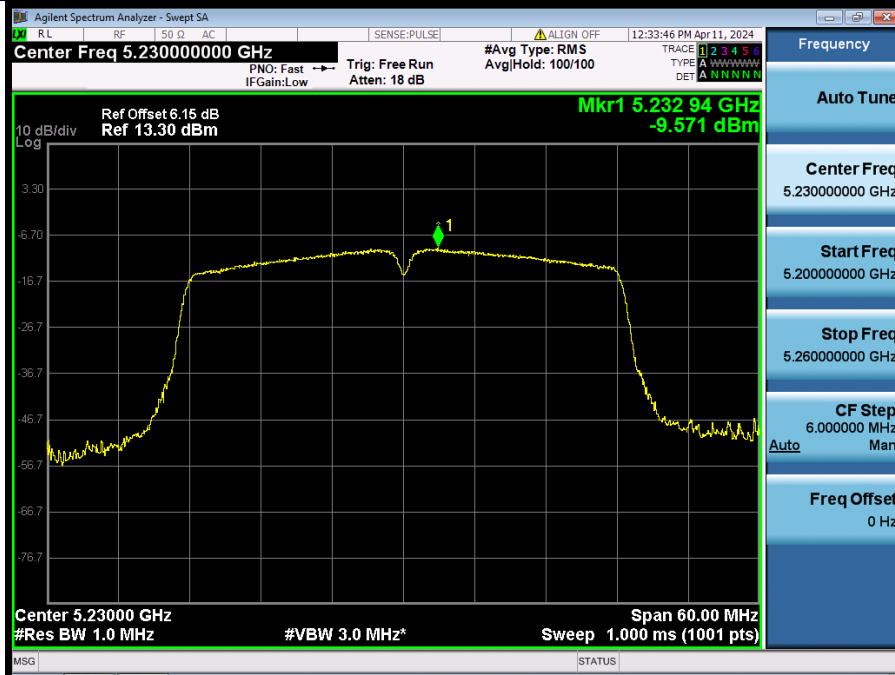
Power Spectral Density HVNT_ANT1_802_11n(HT40)_5230



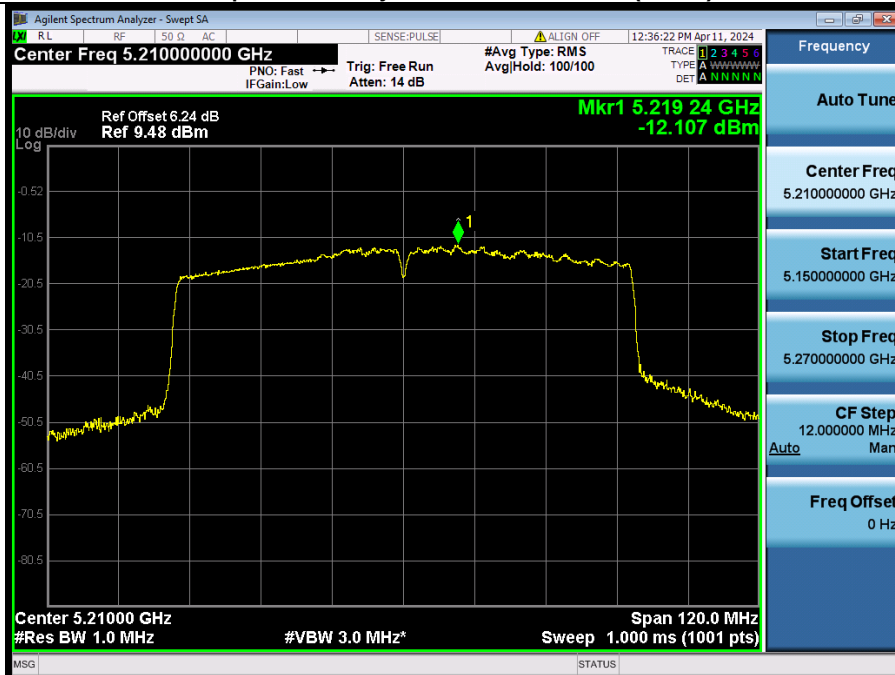
Power Spectral Density HVNT_ANT1_802_11ac(VHT40)_5190



Power Spectral Density HVNT_ANT1_802_11ac(VHT40)_5230



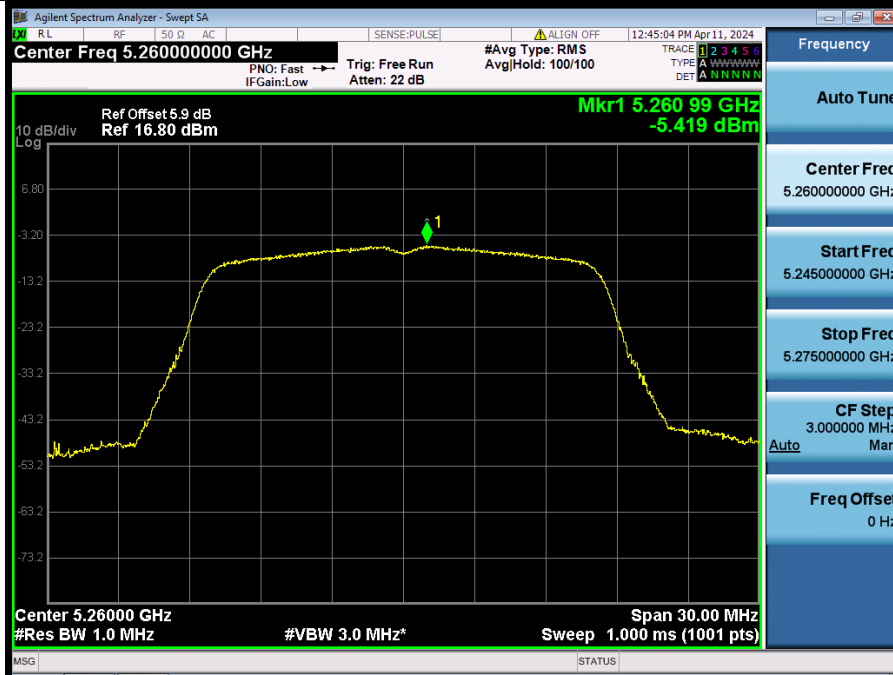
Power Spectral Density HVNT_ANT1_802_11ac(VHT80)_5210



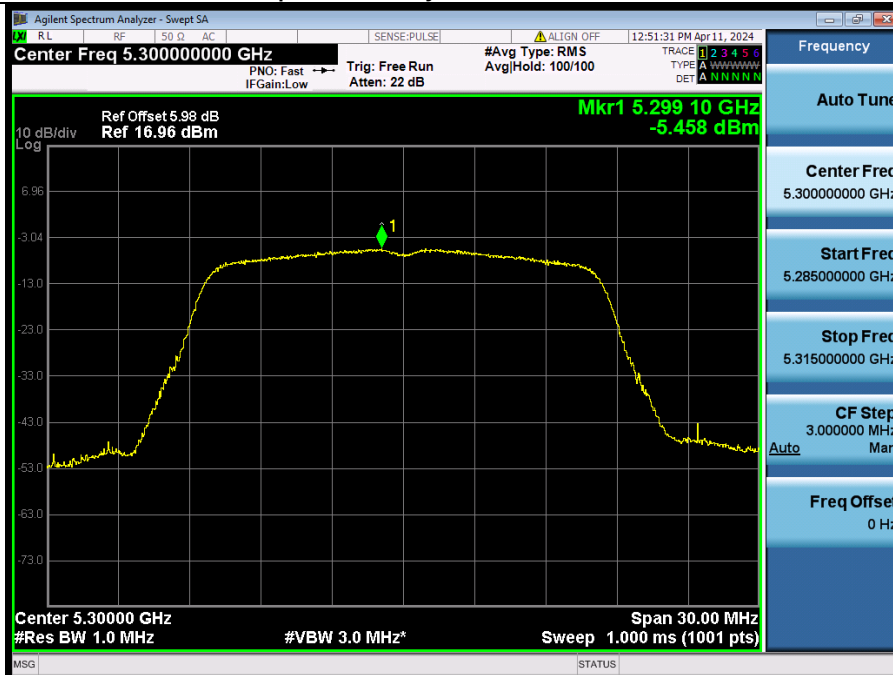
UNII-2A

Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/MHz)	Duty factor(dB)	Total PSD(dBm/MHz)	limit(dBm)	Result
NVNT	ANT1	802.11a	5260.00	-5.42	0.12	-5.30	11	Pass
NVNT	ANT1	802.11a	5300.00	-5.46	0.18	-5.28	11	Pass
NVNT	ANT1	802.11a	5320.00	-6.21	0.12	-6.09	11	Pass
NVNT	ANT1	802.11n(HT20)	5260.00	-5.67	0.20	-5.47	11	Pass
NVNT	ANT1	802.11n(HT20)	5300.00	-5.70	0.20	-5.50	11	Pass
NVNT	ANT1	802.11n(HT20)	5320.00	-6.90	0.13	-6.77	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5260.00	-5.76	0.13	-5.63	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5300.00	-5.72	0.13	-5.59	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5320.00	-6.84	0.13	-6.71	11	Pass
NVNT	ANT1	802.11n(HT40)	5270.00	-9.03	0.26	-8.77	11	Pass
NVNT	ANT1	802.11n(HT40)	5310.00	-9.65	0.39	-9.26	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5270.00	-8.89	0.39	-8.50	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5310.00	-9.51	0.26	-9.25	11	Pass
NVNT	ANT1	802.11ac(VHT80)	5290.00	-11.02	0.00	-11.02	11	Pass

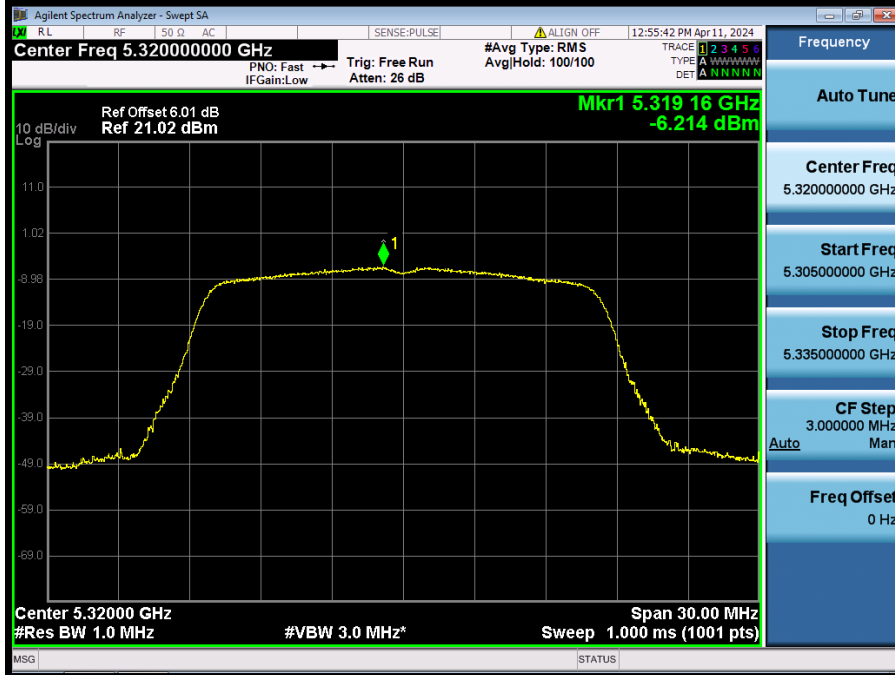
Power Spectral Density NVNT_ANT1_802_11a_5260



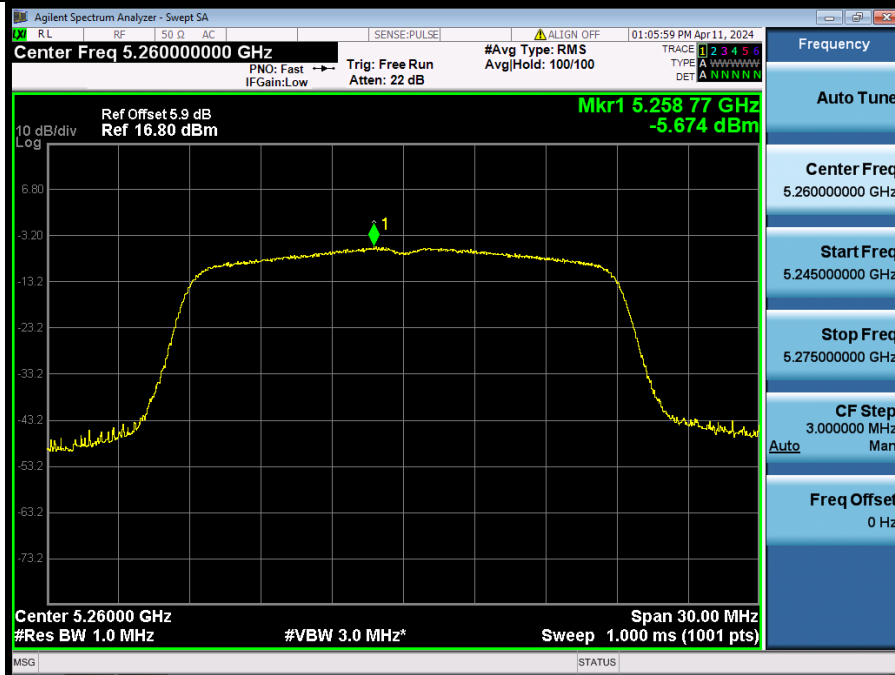
Power Spectral Density NVNT_ANT1_802_11a_5300



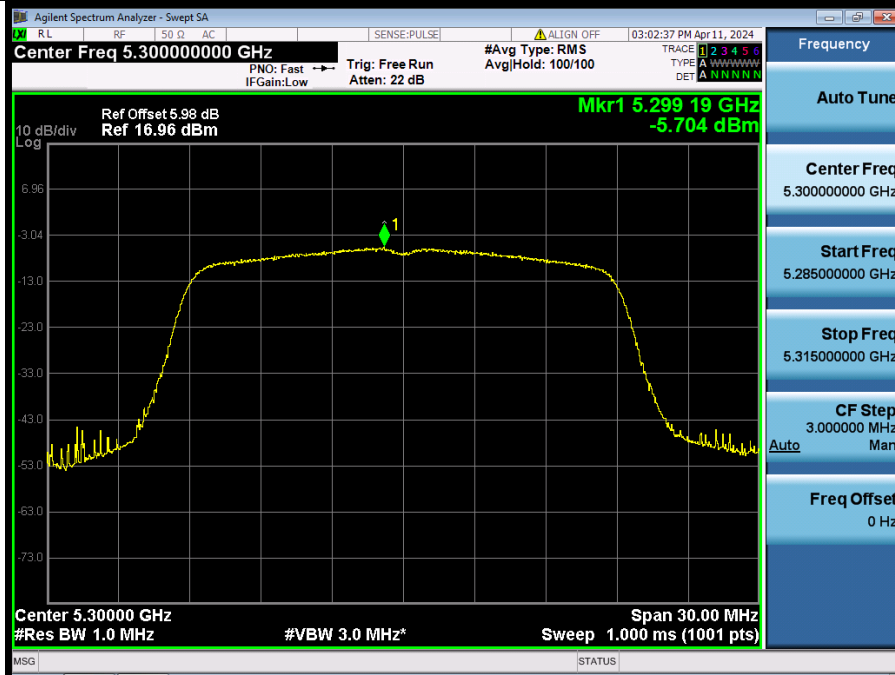
Power Spectral Density NVNT_ANT1_802_11a_5320



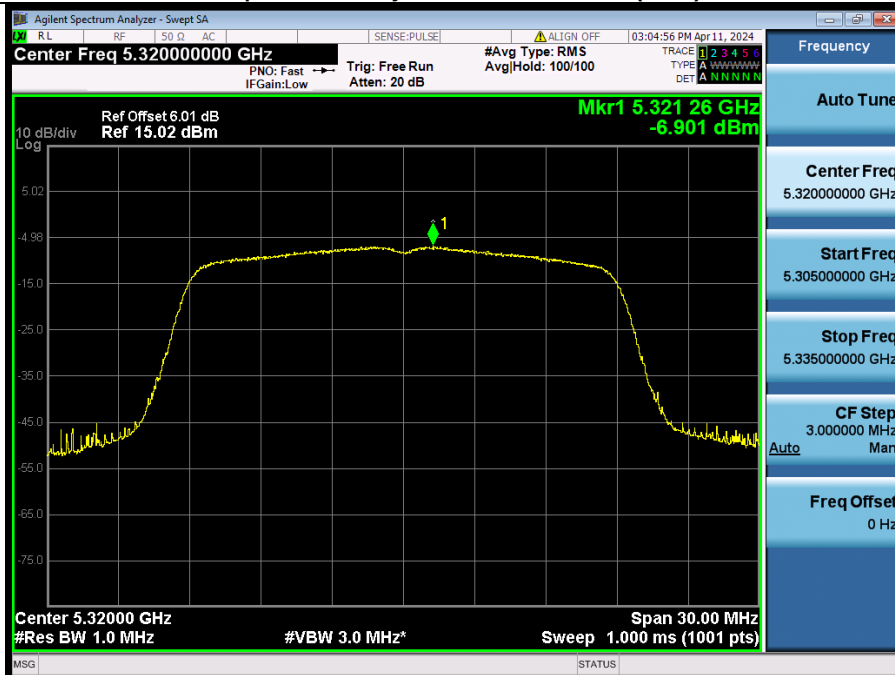
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5260



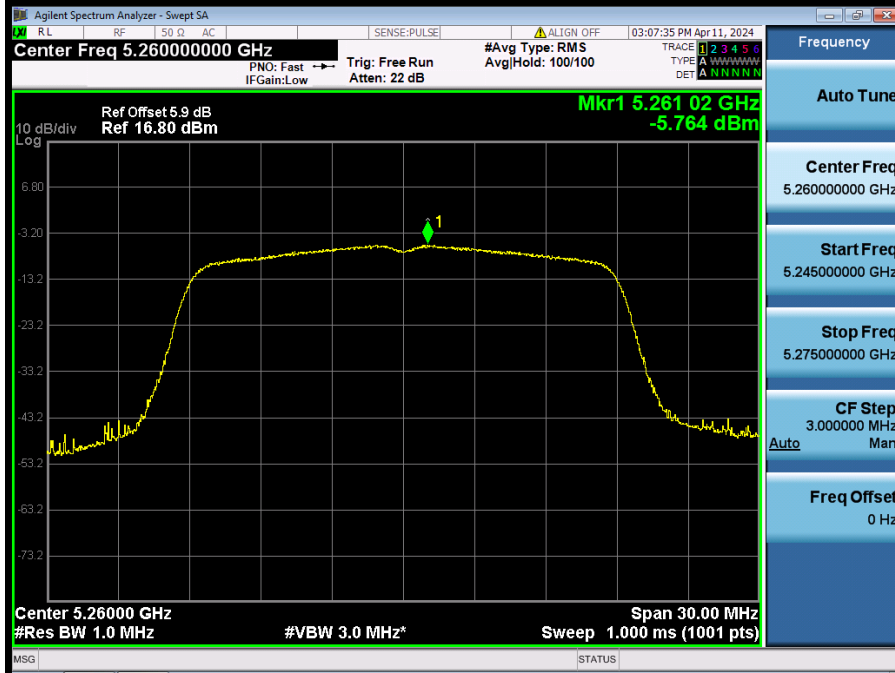
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5300



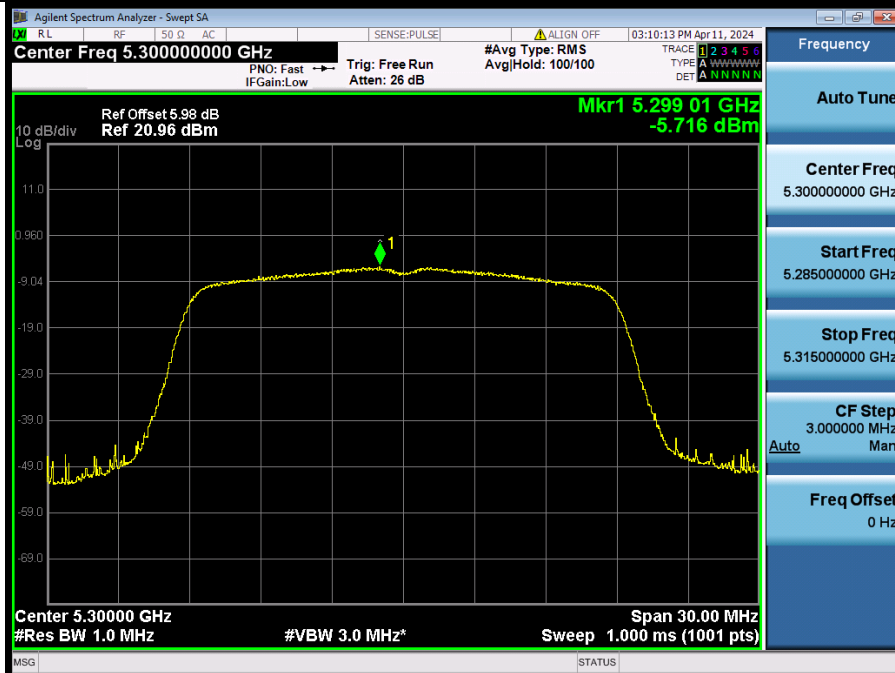
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5320



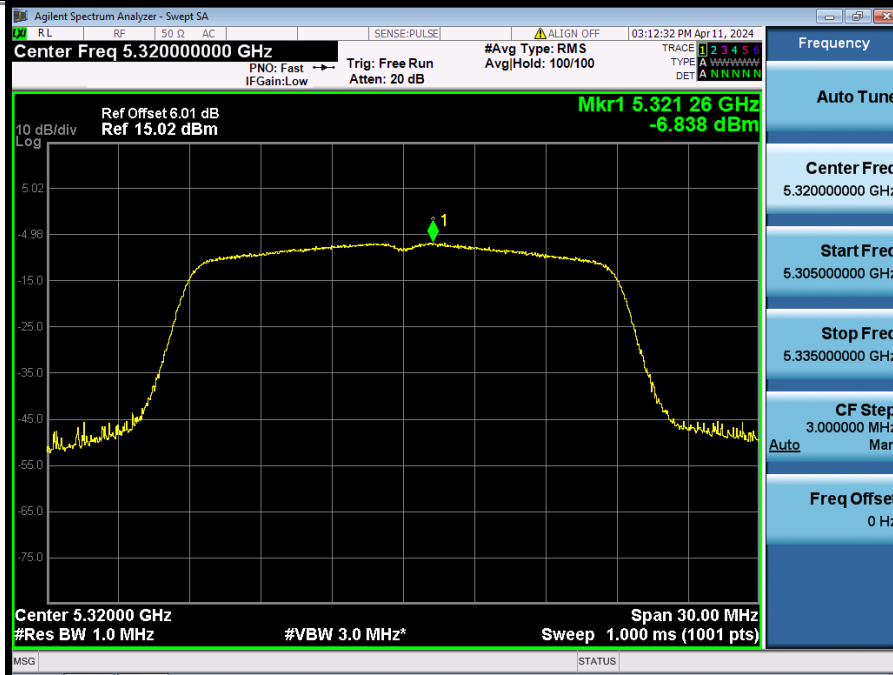
Power Spectral Density NVNT_ANT1_802_11ac(VHT20)_5260



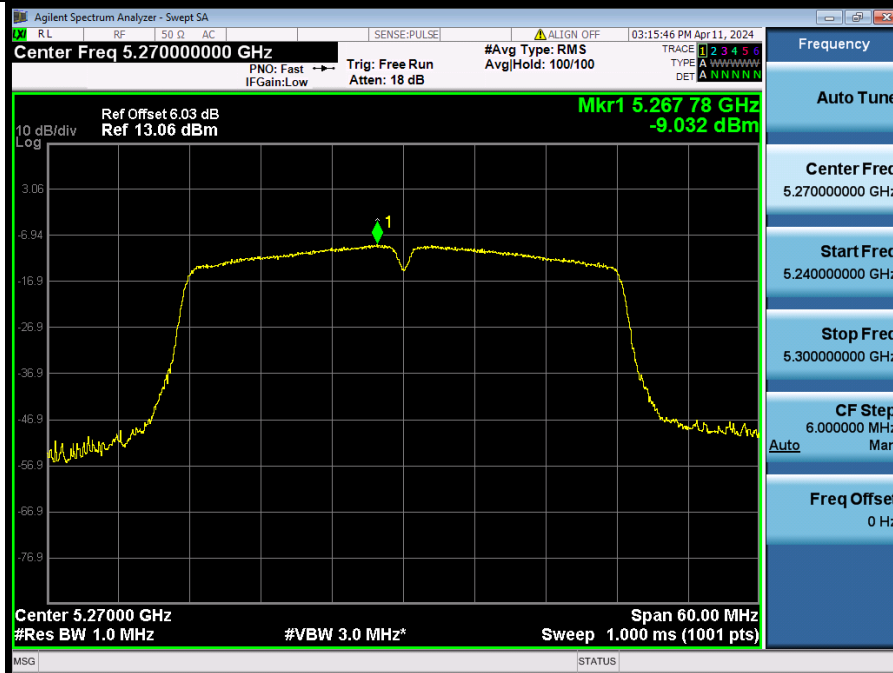
Power Spectral Density NVNT_ANT1_802_11ac(VHT20)_5300



Power Spectral Density NVNT_ANT1_802_11ac(VHT20)_5320



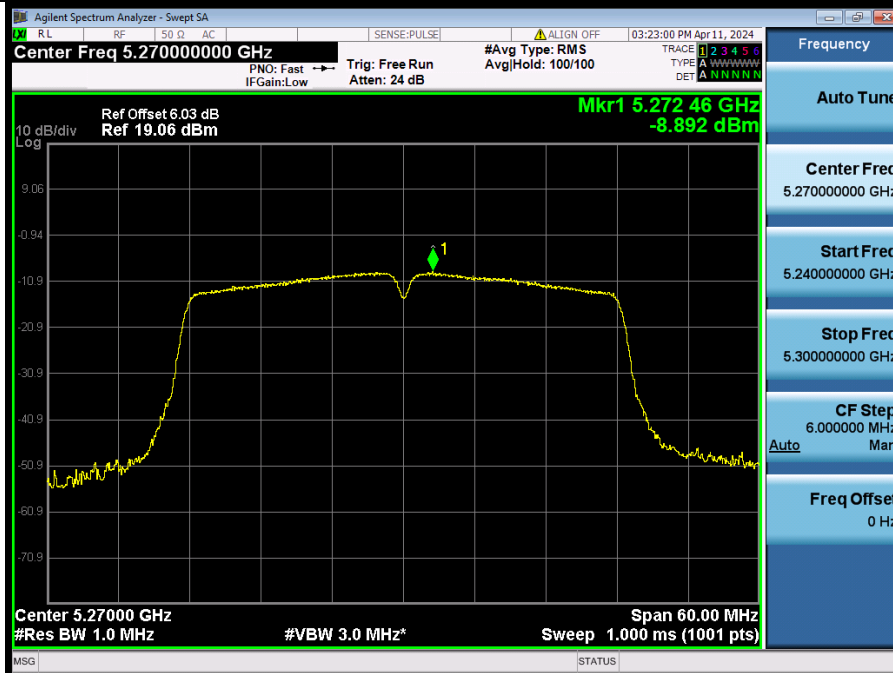
Power Spectral Density_NVNT_ANT1_802_11n(HT40)_5270



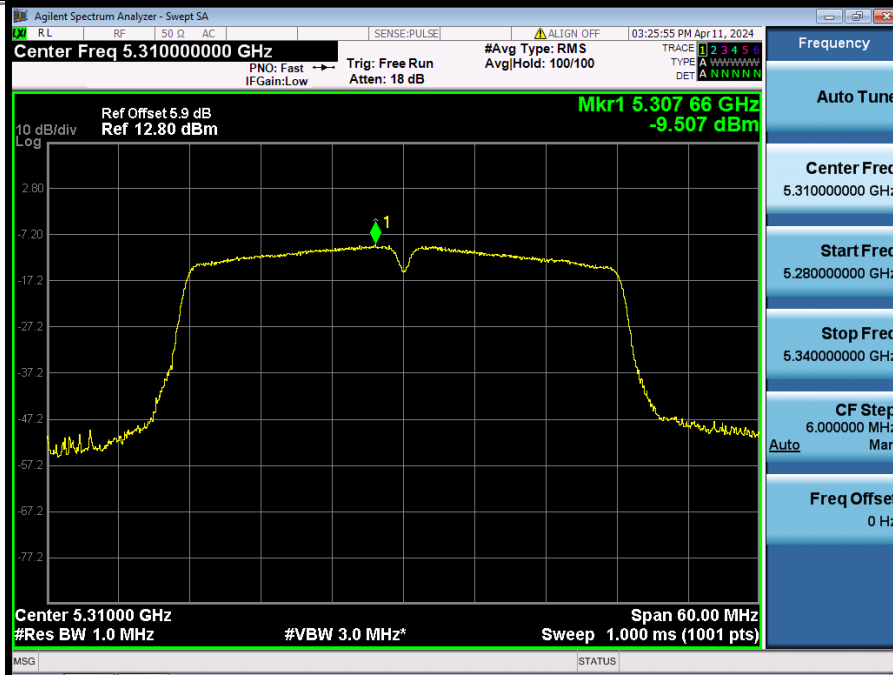
Power Spectral Density_NVNT_ANT1_802_11n(HT40)_5310



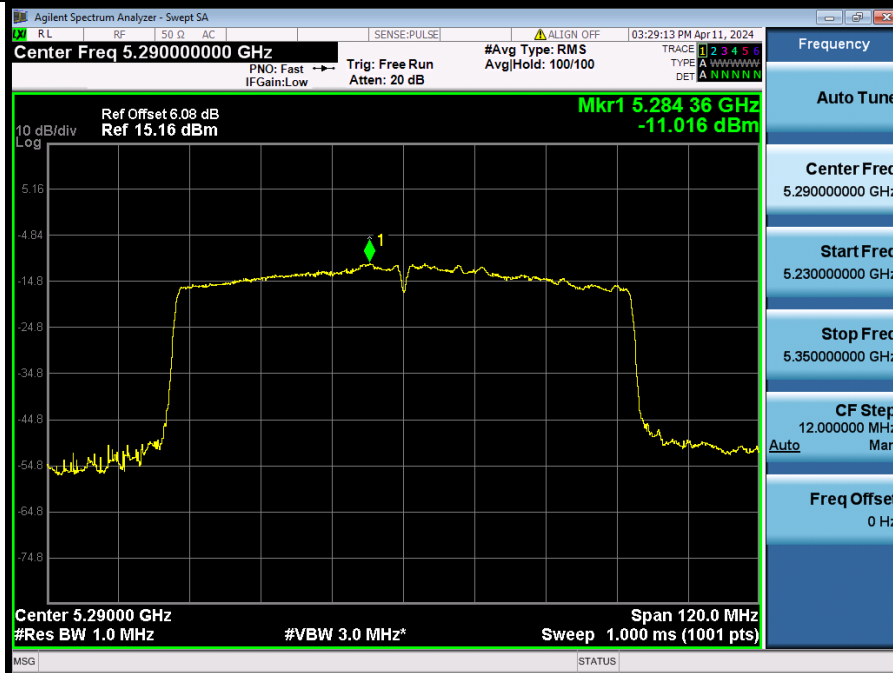
Power Spectral Density NVNT_ANT1_802_11ac(VHT40)_5270



Power Spectral Density NVNT_ANT1_802_11ac(VHT40)_5310



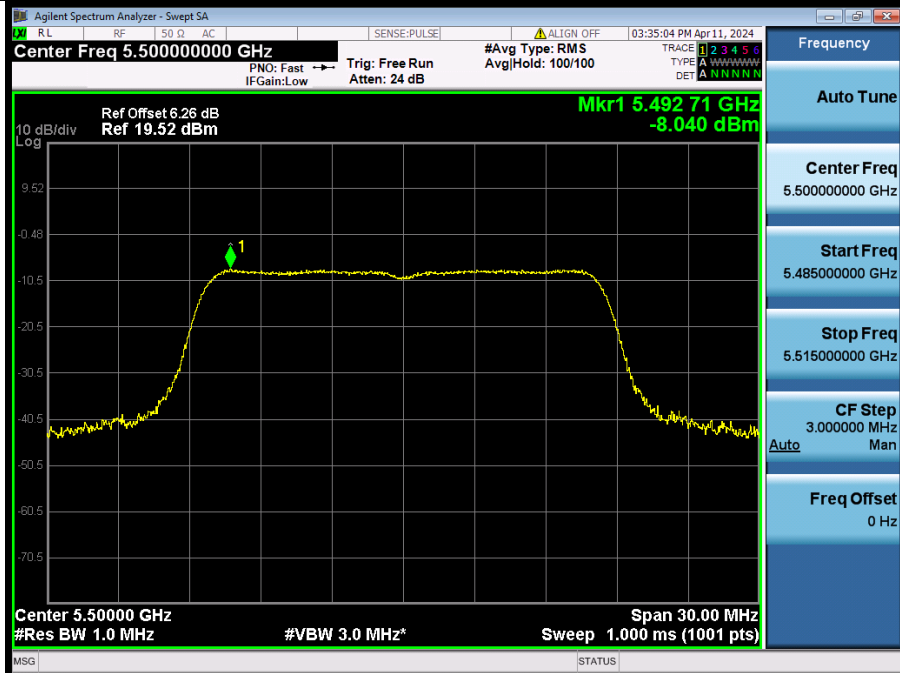
Power Spectral Density NVNT_ANT1_802_11ac(VHT80)_5290



UNII-2C

Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/MHz)	Duty factor(dB)	Total PSD(dBm/MHz)	limit(dBm)	Result
NVNT	ANT1	802.11a	5500	-8.04	0.41	-7.63	11	Pass
NVNT	ANT1	802.11a	5600	-7.76	0.48	-7.28	11	Pass
NVNT	ANT1	802.11a	5700.00	-8.38	0.47	-7.91	11	Pass
NVNT	ANT1	802.11n(HT20)	5500	-8.54	0.55	-7.99	11	Pass
NVNT	ANT1	802.11n(HT20)	5600	-8.72	0.49	-8.23	11	Pass
NVNT	ANT1	802.11n(HT20)	5700.00	-9.09	0.55	-8.54	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5500	-8.72	0.49	-8.23	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5600	-8.37	0.55	-7.82	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5700.00	-9.13	0.55	-8.58	11	Pass
NVNT	ANT1	802.11n(HT40)	5510	-11.06	1.03	-10.03	11	Pass
NVNT	ANT1	802.11n(HT40)	5590	-11.79	1.06	-10.73	11	Pass
NVNT	ANT1	802.11n(HT40)	5670	-11.80	0.91	-10.89	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5510	-11.04	1.03	-10.01	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5590	-11.98	0.91	-11.07	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5670	-12.42	1.06	-11.36	11	Pass
NVNT	ANT1	802.11ac(VHT80)	5530	-15.17	1.86	-13.31	11	Pass
NVNT	ANT1	802.11ac(VHT80)	5610	-15.51	1.66	-13.85	11	Pass

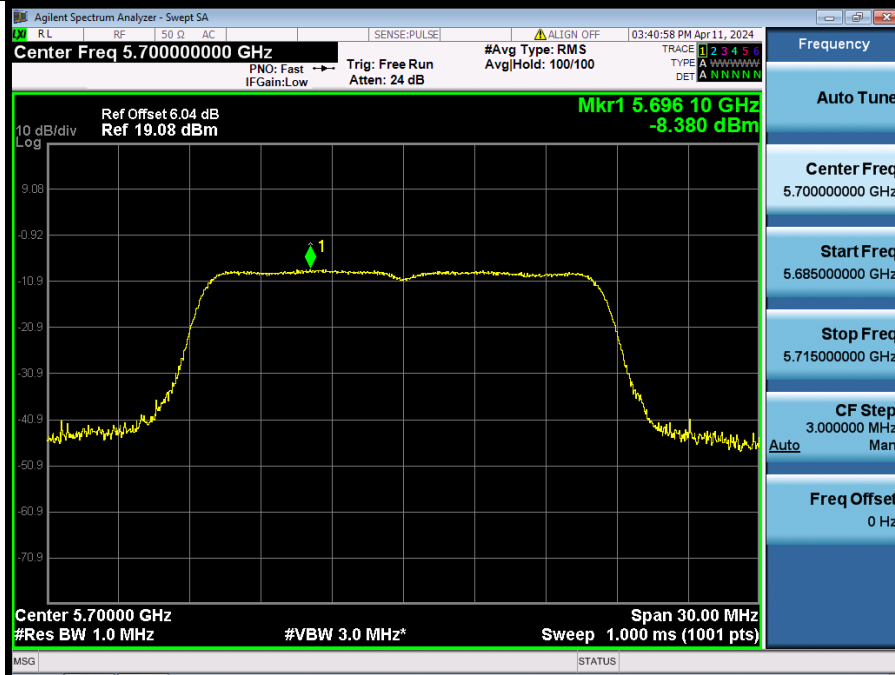
Power Spectral Density NVNT_ANT1_802_11a_5500



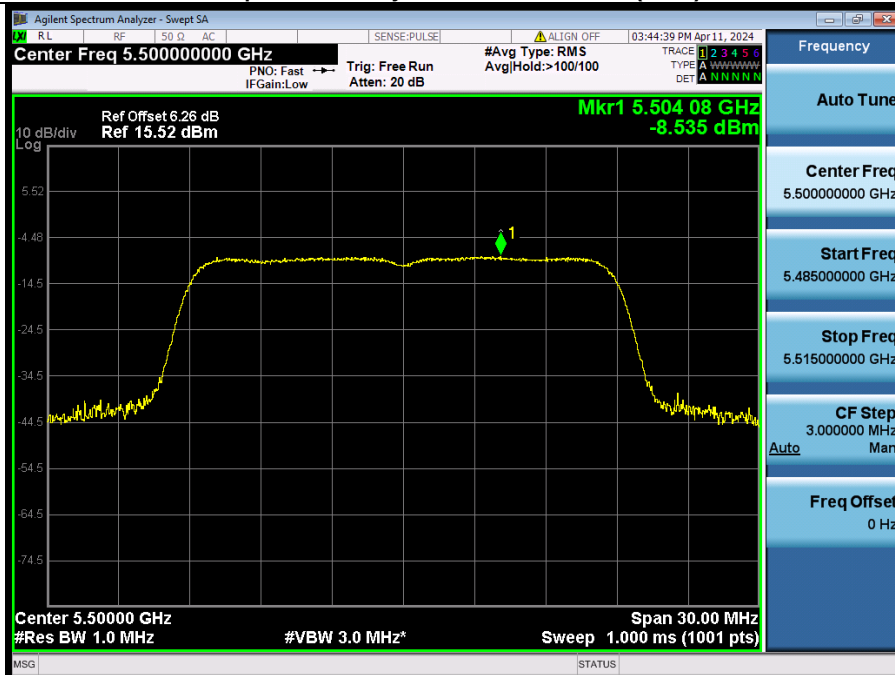
Power Spectral Density NVNT_ANT1_802_11a_5600



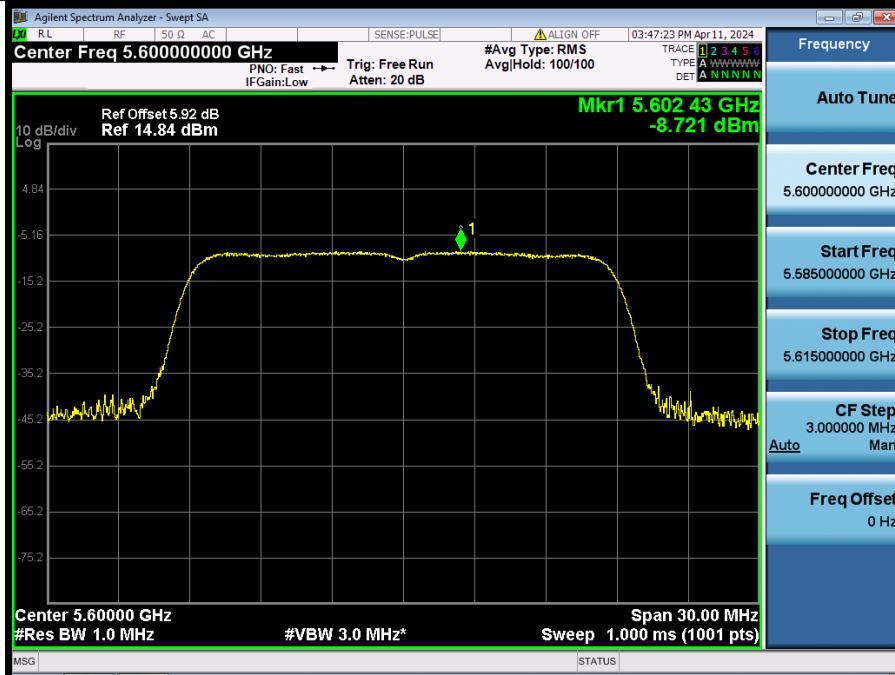
Power Spectral Density NVNT_ANT1_802_11a_5700



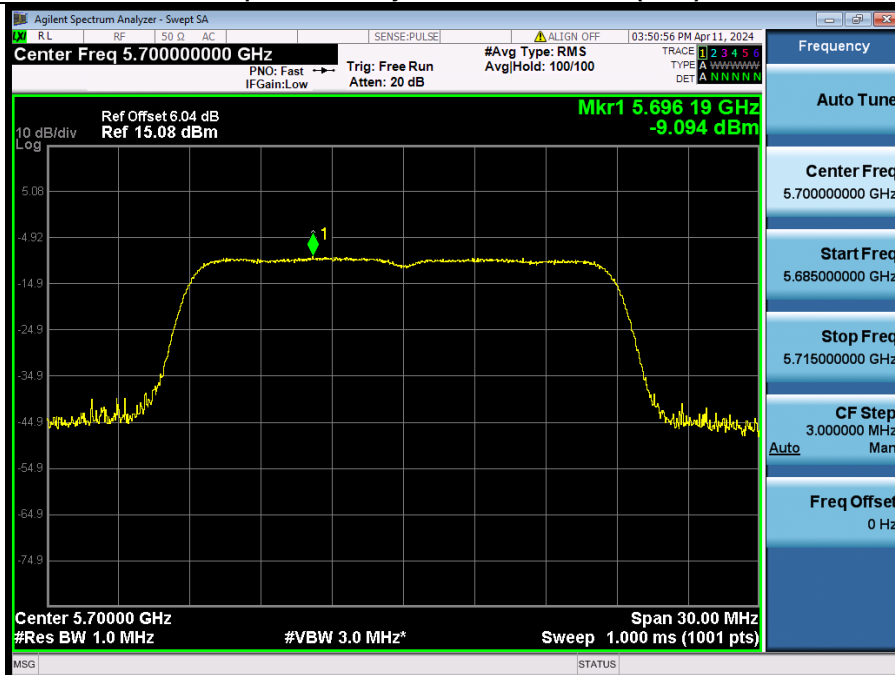
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5500



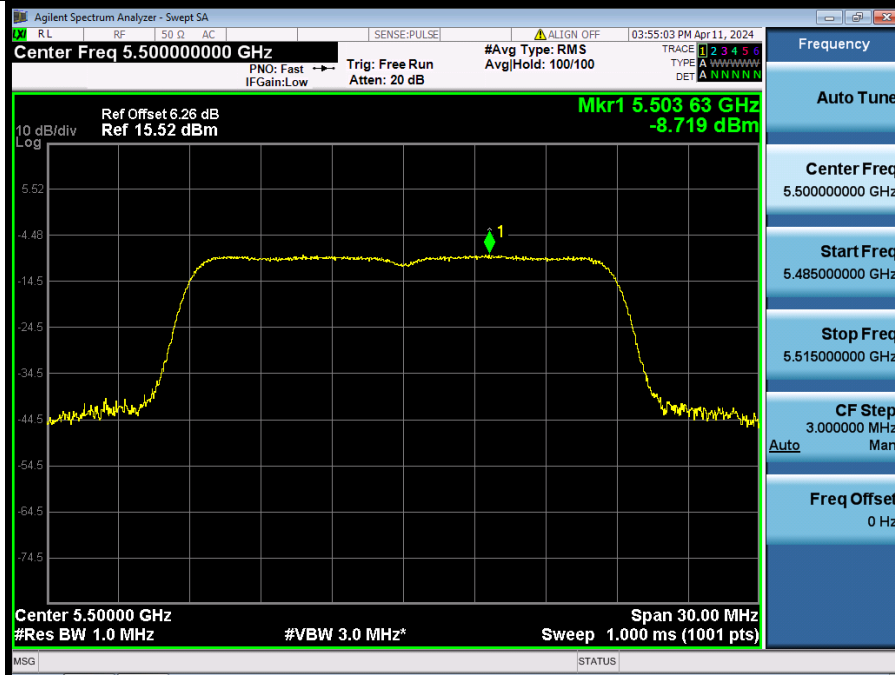
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5600



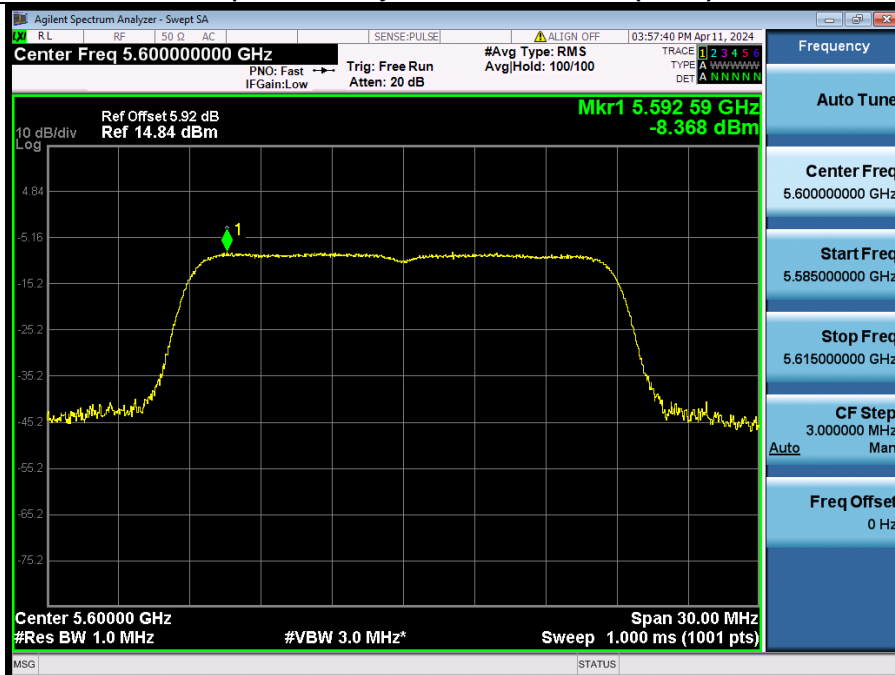
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5700



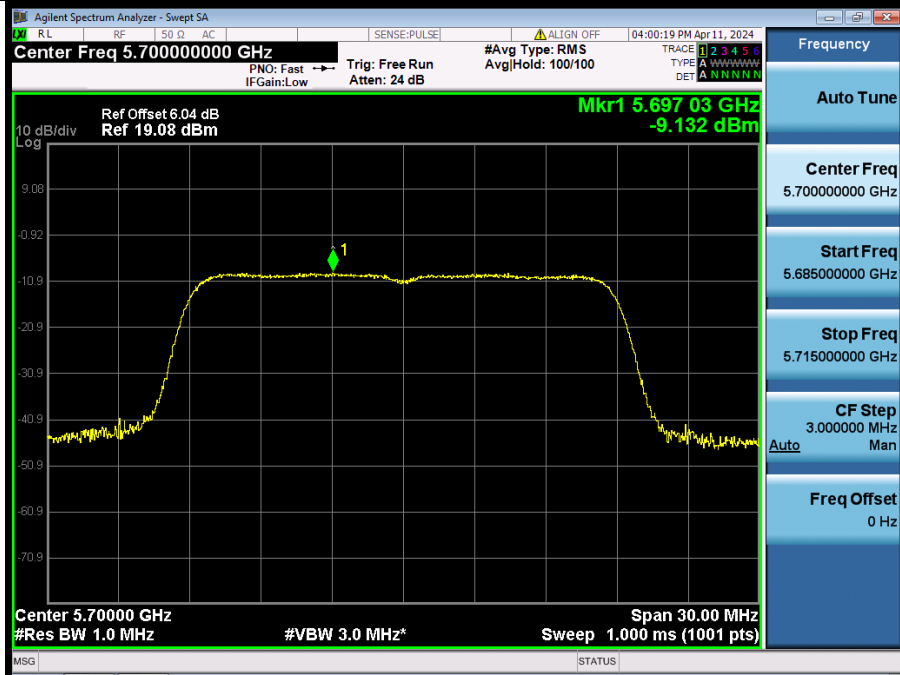
Power Spectral Density NVNT_ANT1_802_11ac(VHT20)_5500



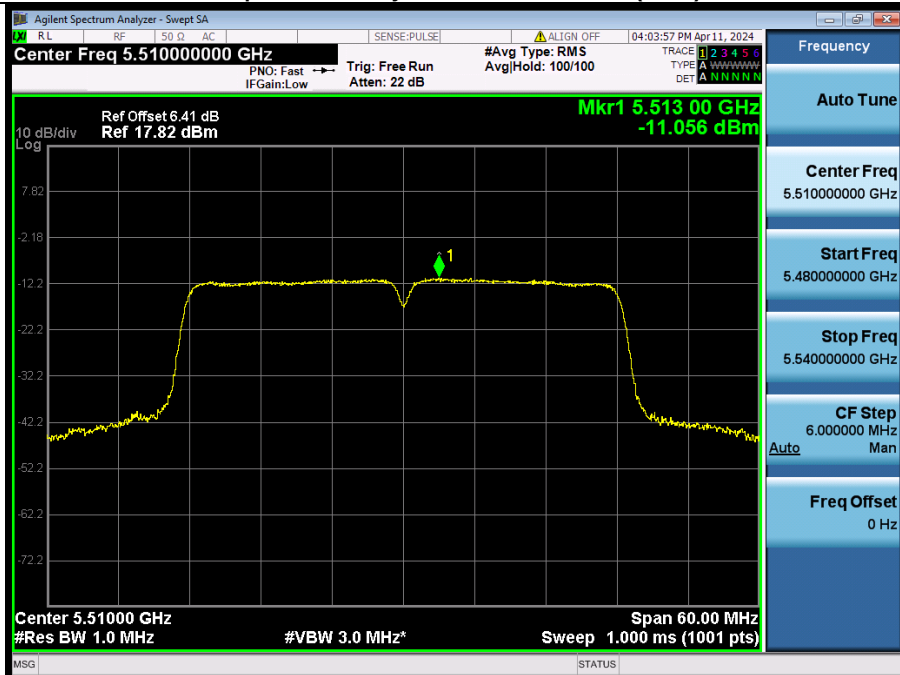
Power Spectral Density NVNT_ANT1_802_11ac(VHT20)_5600



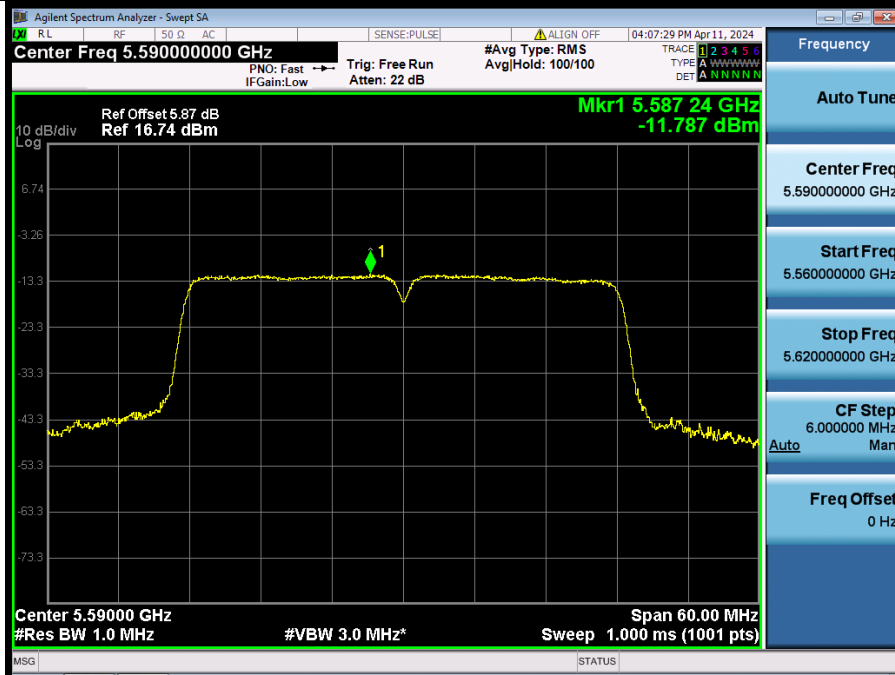
Power Spectral Density NVNT_ANT1_802_11ac(VHT20)_5700



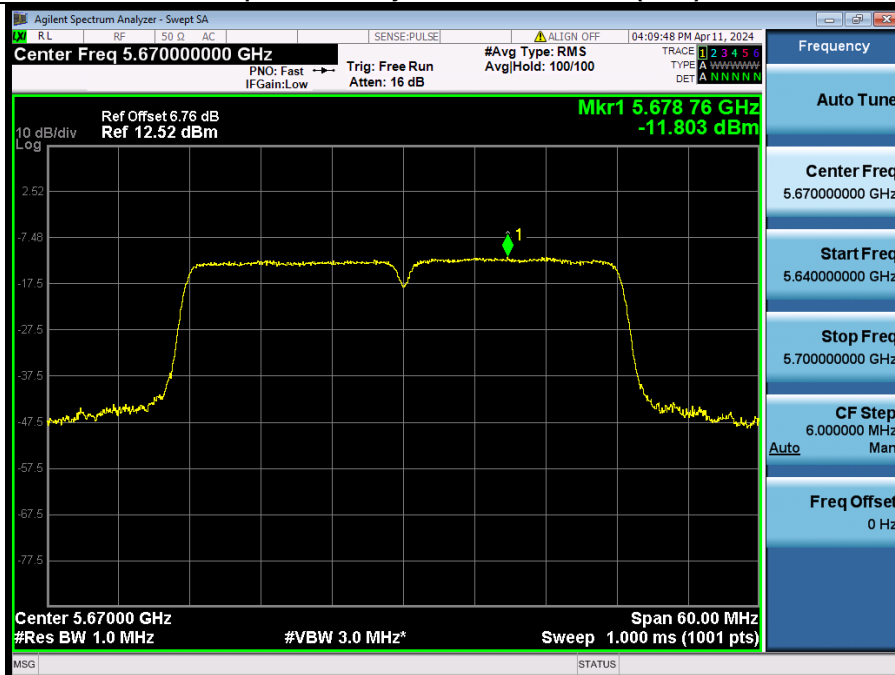
Power Spectral Density NVNT_ANT1_802_11n(HT40)_5510



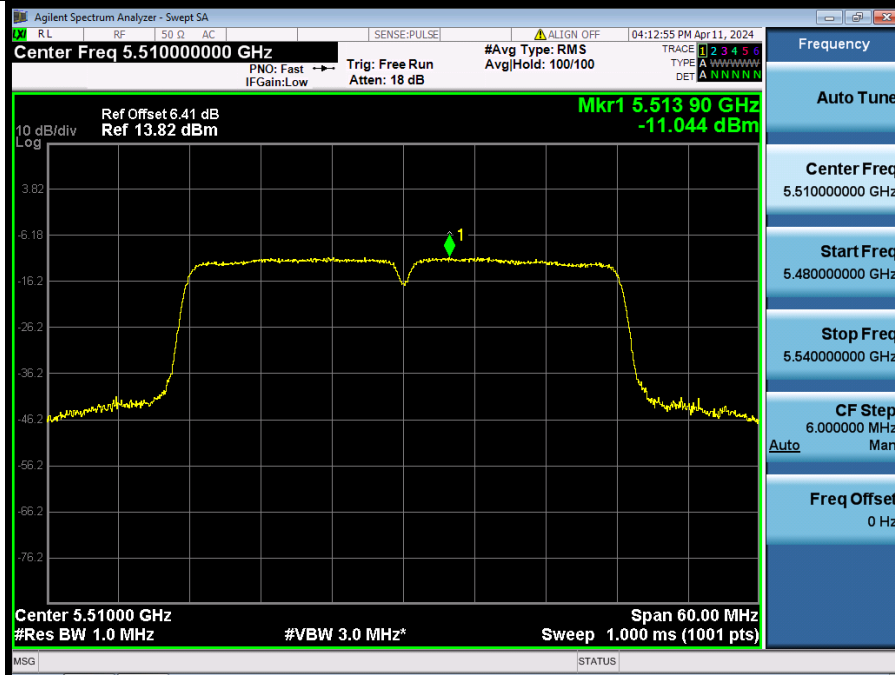
Power Spectral Density NVNT_ANT1_802_11n(HT40)_5590



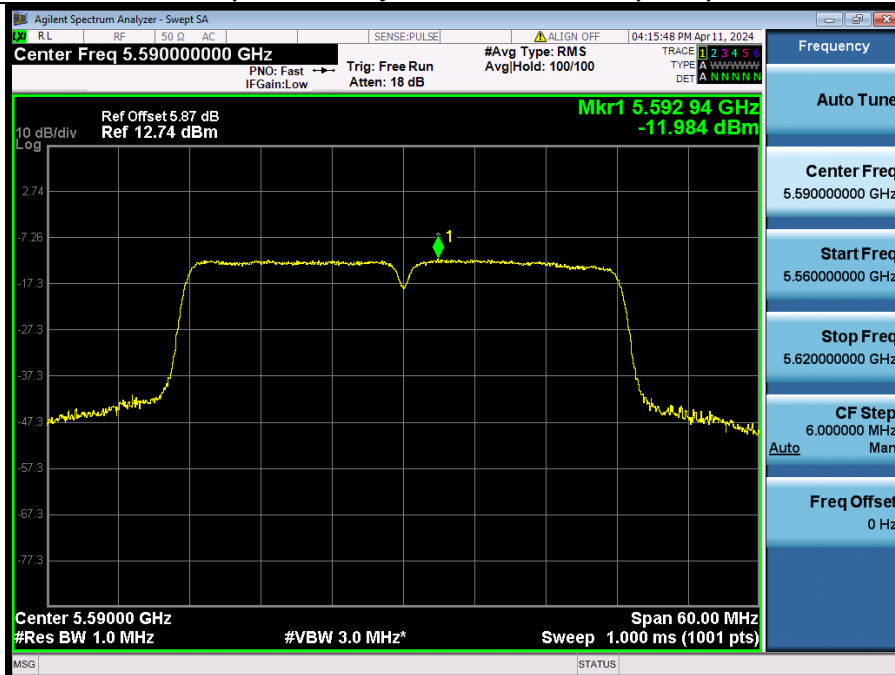
Power Spectral Density NVNT_ANT1_802_11n(HT40)_5670



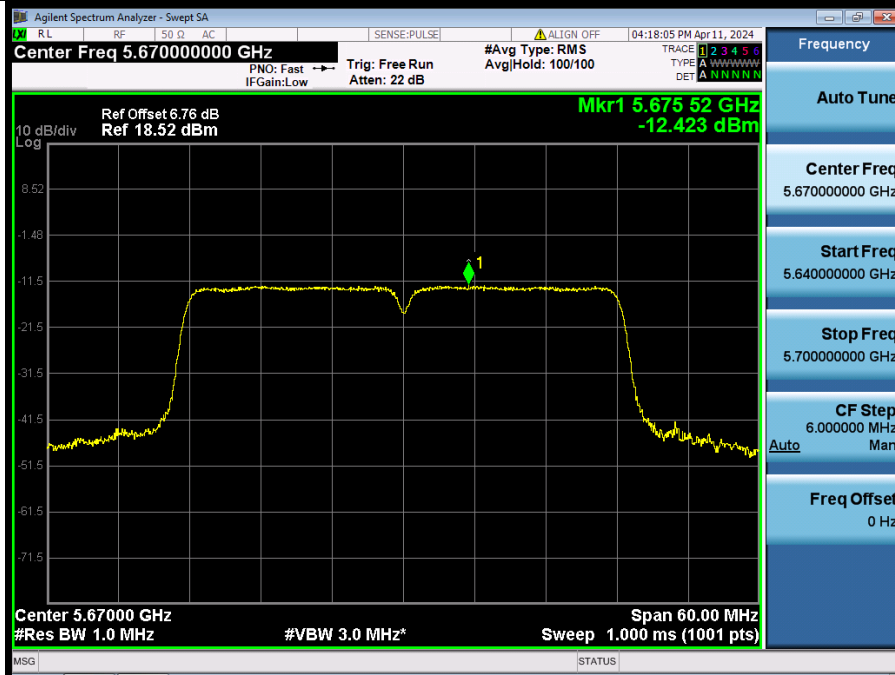
Power Spectral Density NVNT_ANT1_802_11ac(VHT40)_5510



Power Spectral Density NVNT_ANT1_802_11ac(VHT40)_5590

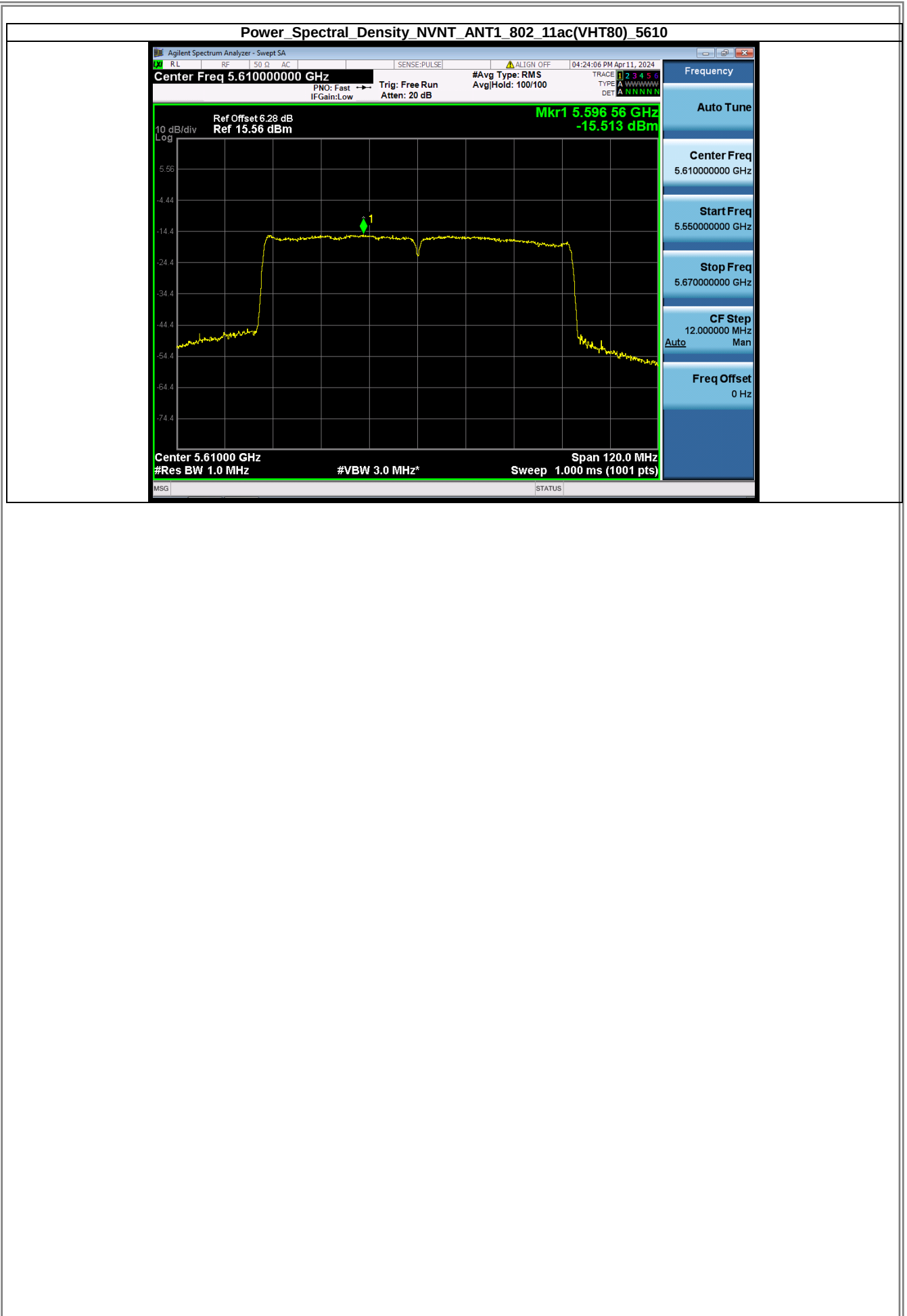


Power Spectral Density NVNT_ANT1_802_11ac(VHT40)_5670



Power Spectral Density NVNT_ANT1_802_11ac(VHT80)_5530

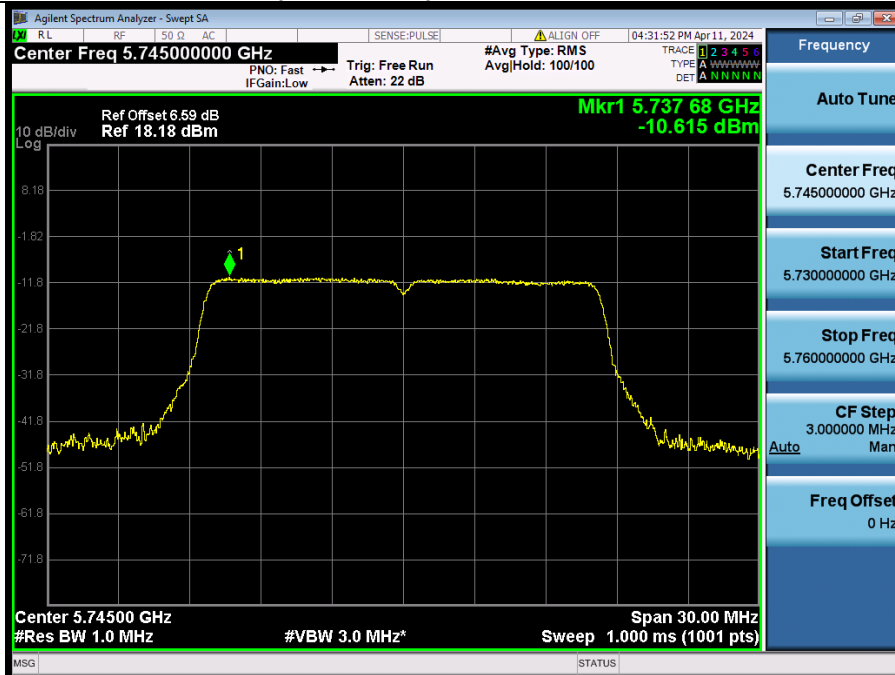




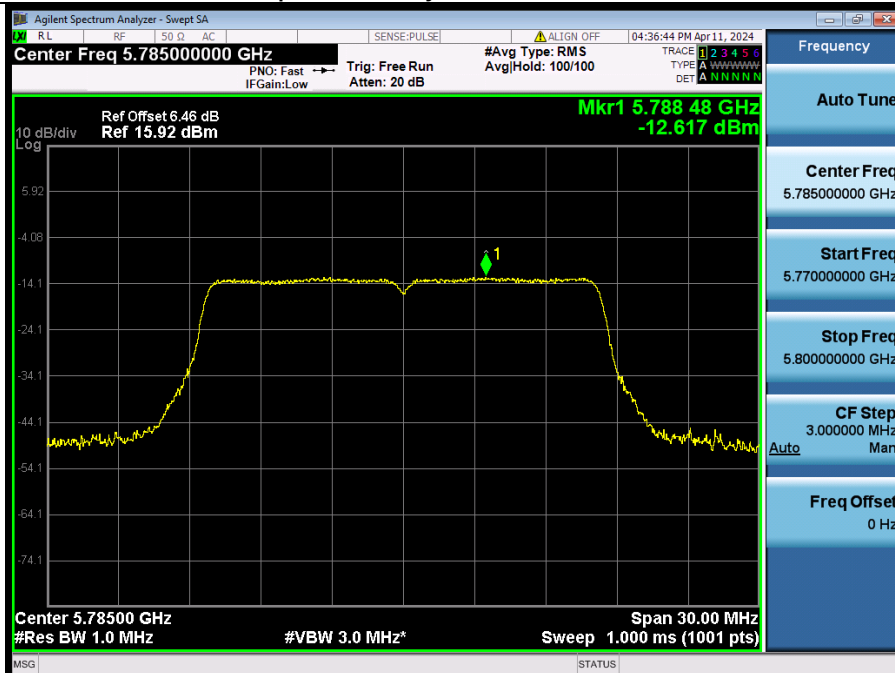
UNII-3

Condition	Antenna	Modulation	Frequency (MHz)	PSD _{SA} (dBm/RBW)	Duty factor(dB)	RB factor(dB)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
NVNT	ANT1	802.11a	5745.00	-10.62	0.41	-0	-10.29	30	Pass
NVNT	ANT1	802.11a	5785.00	-12.62	0.41	-0	-12.29	30	Pass
NVNT	ANT1	802.11a	5825.00	-12.73	0.48	-0	-12.34	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	-11.47	0.49	-0	-11.06	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	-13.38	0.49	-0	-12.97	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	-13.40	0.56	-0	-12.93	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	-12.16	0.49	-0	-11.76	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	-13.60	0.55	-0	-13.13	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	-13.78	0.48	-0	-13.39	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	-15.24	0.91	-0	-14.42	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	-16.30	0.91	-0	-15.48	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	-15.80	0.91	-0	-14.97	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	-16.37	1.03	-0	-15.42	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	-20.03	1.66	-0	-18.46	30	Pass

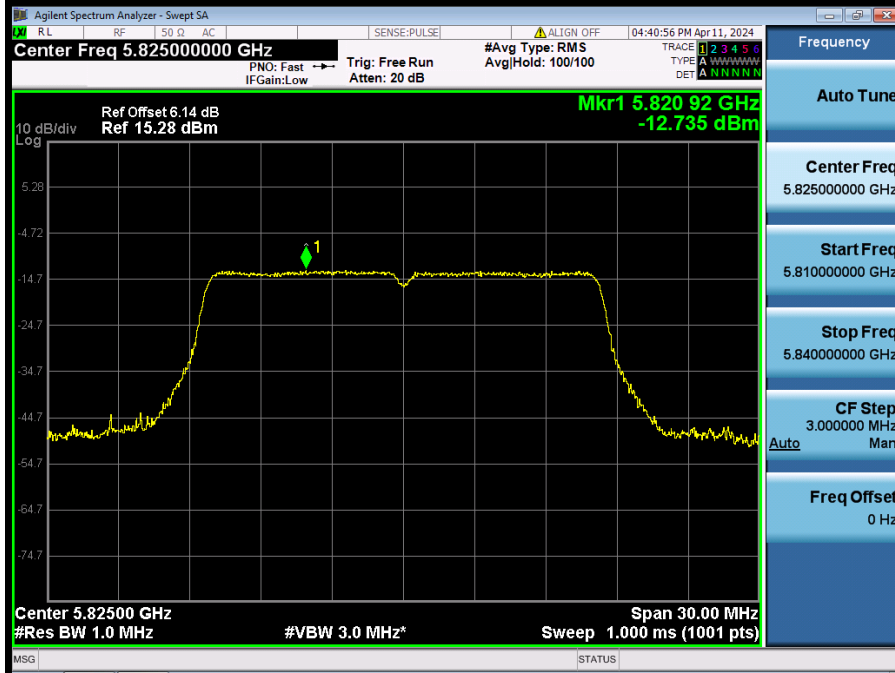
Power Spectral Density NVNT_ANT1_802_11a_5745



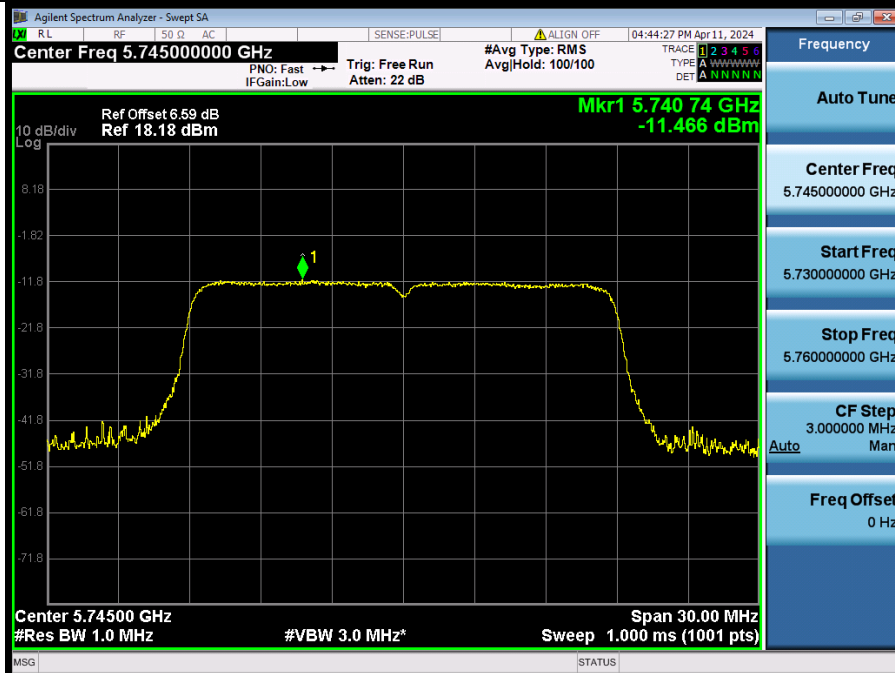
Power Spectral Density NVNT_ANT1_802_11a_5785



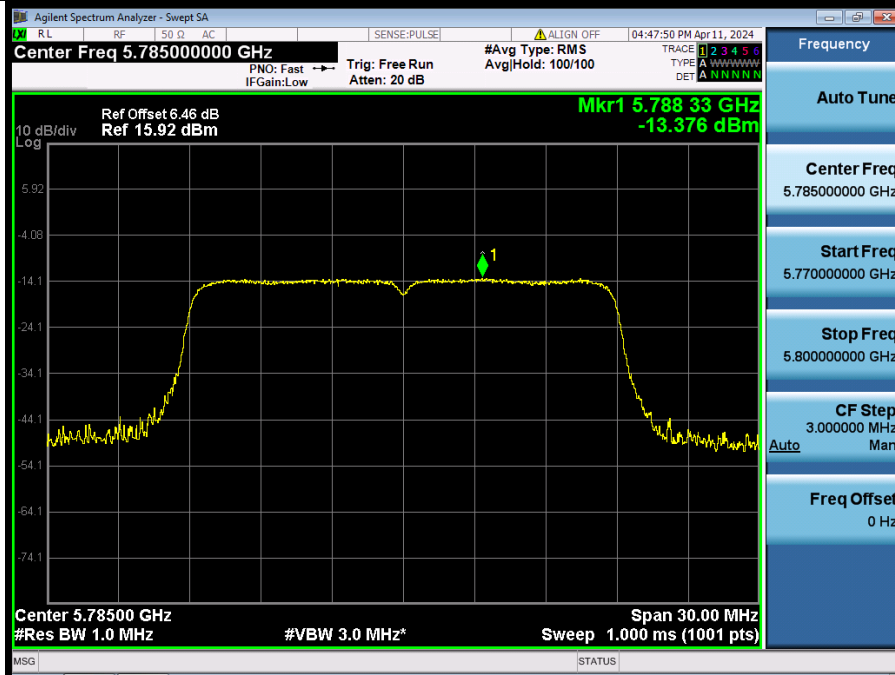
Power Spectral Density NVNT_ANT1_802_11a_5825



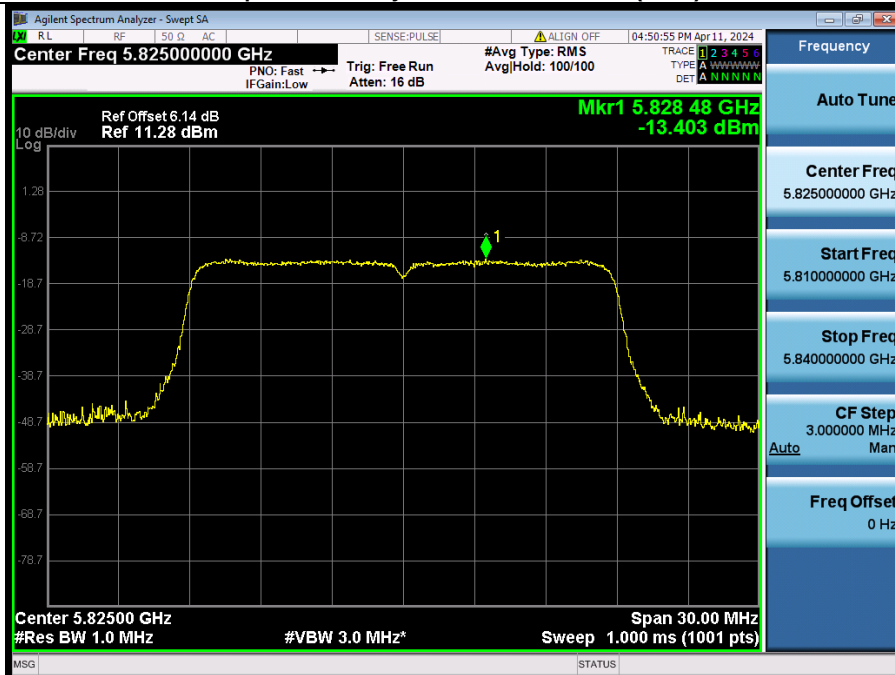
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5745



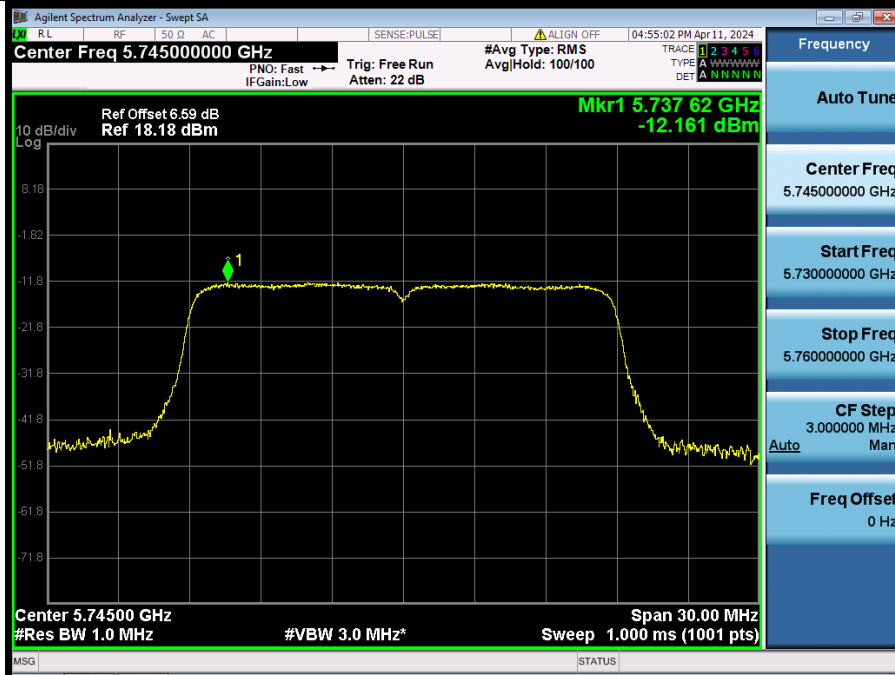
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5785



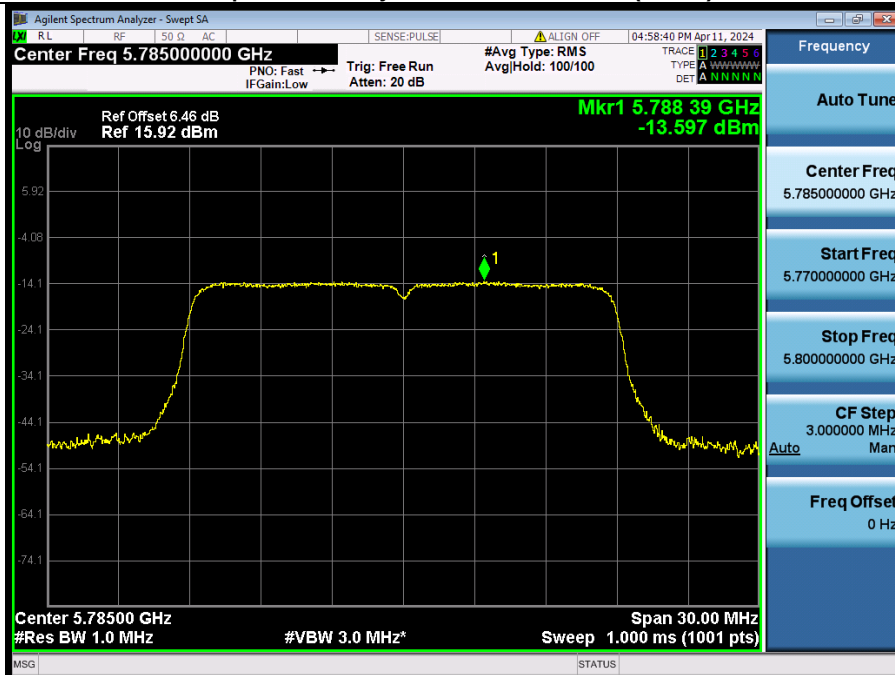
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5825



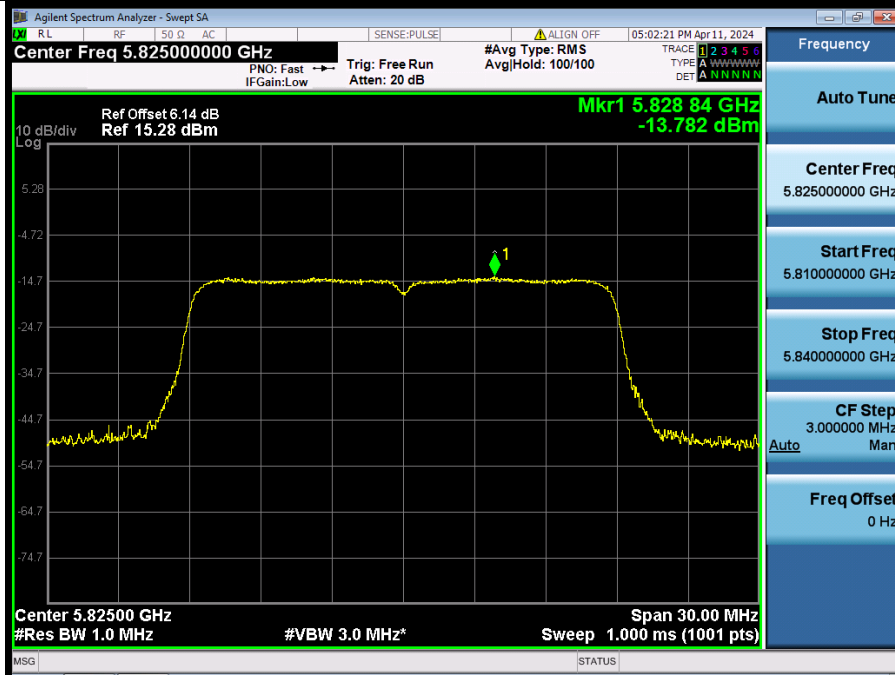
Power Spectral Density NVNT_ANT1_802_11ac(VHT20)_5745



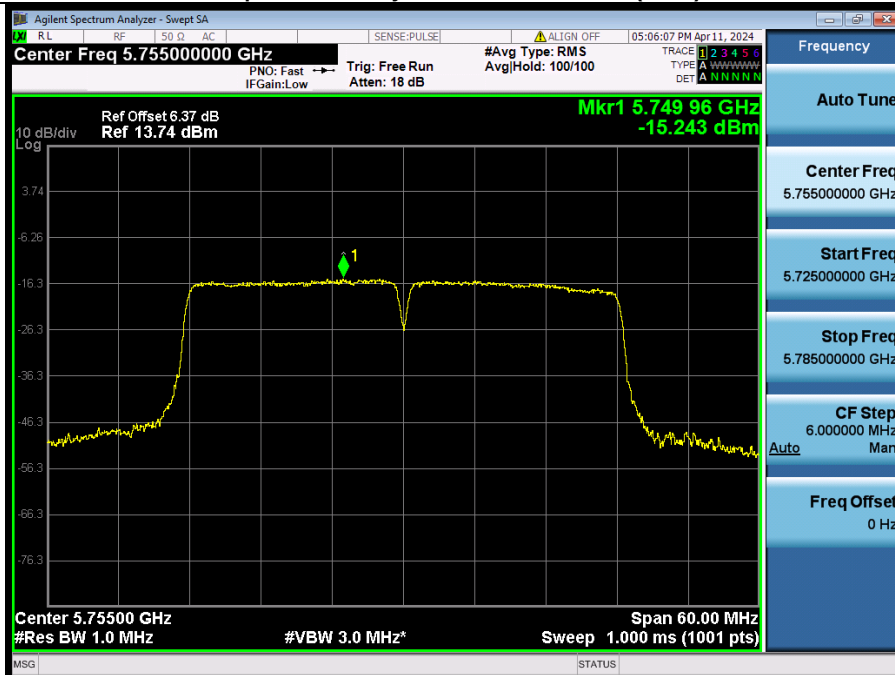
Power Spectral Density NVNT_ANT1_802_11ac(VHT20)_5785



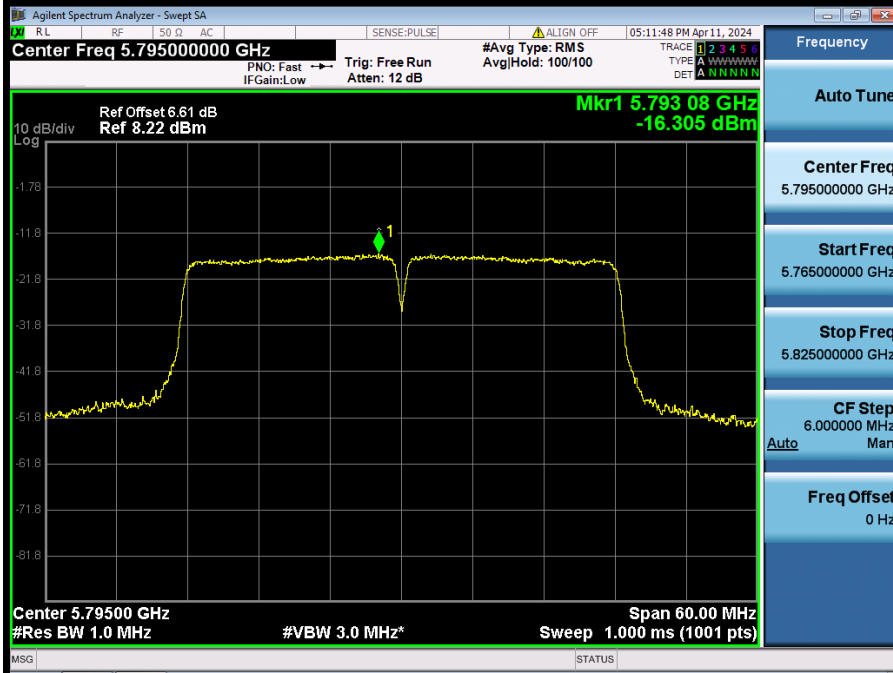
Power Spectral Density NVNT_ANT1_802_11ac(VHT20)_5825



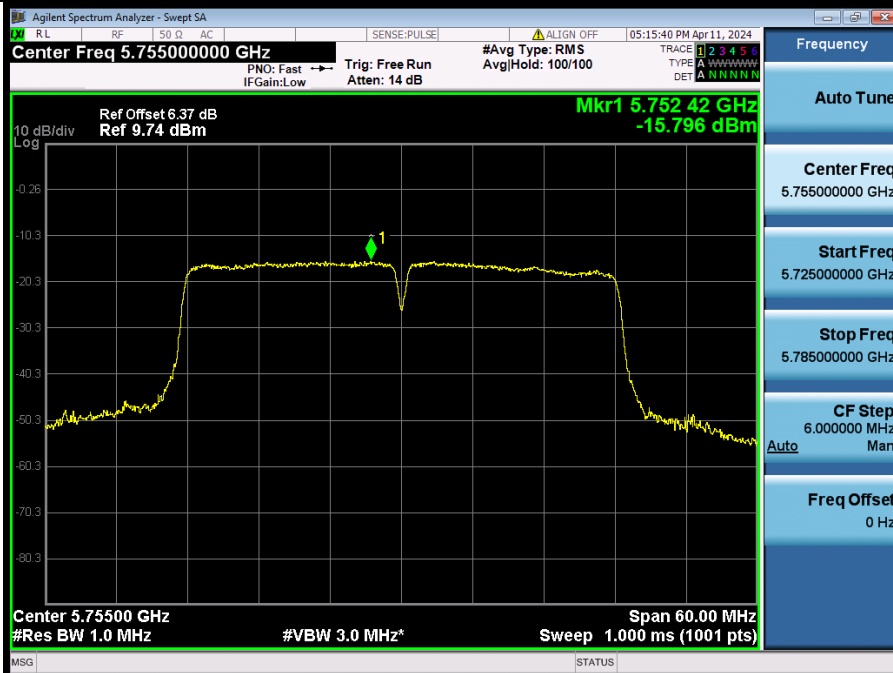
Power Spectral Density NVNT_ANT1_802_11n(HT40)_5755

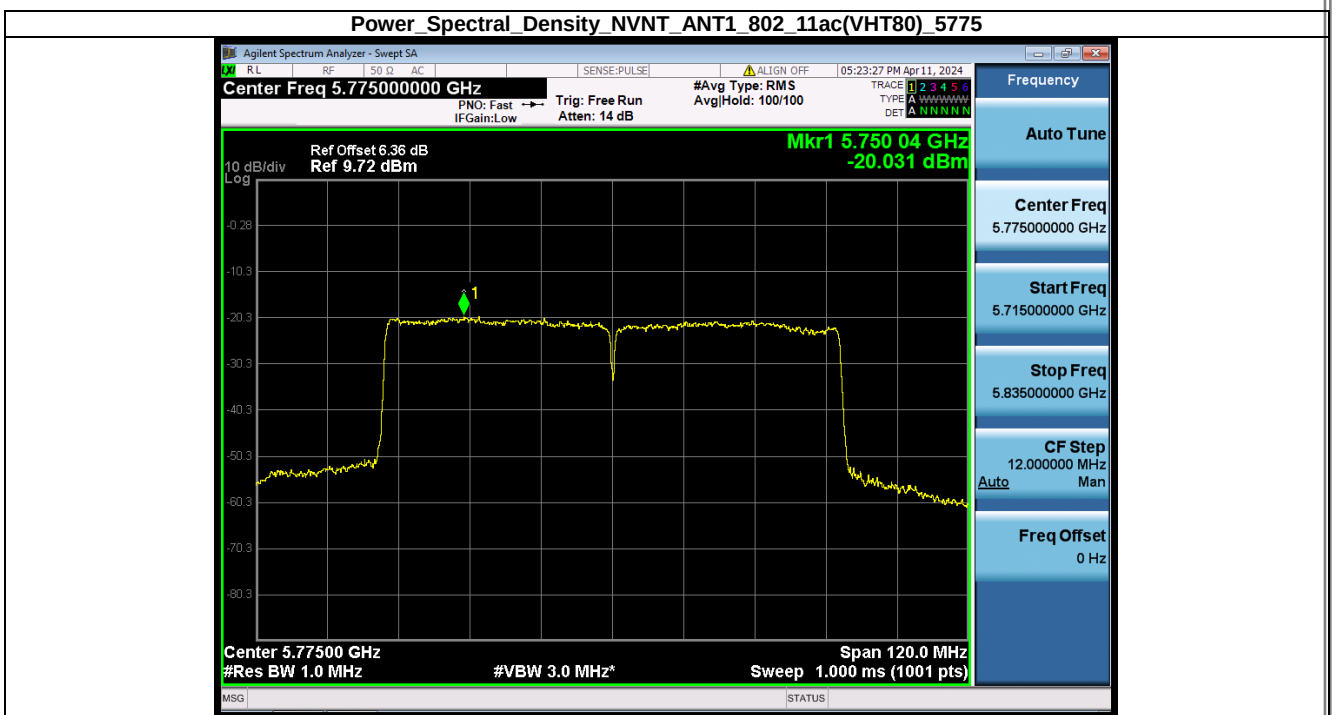
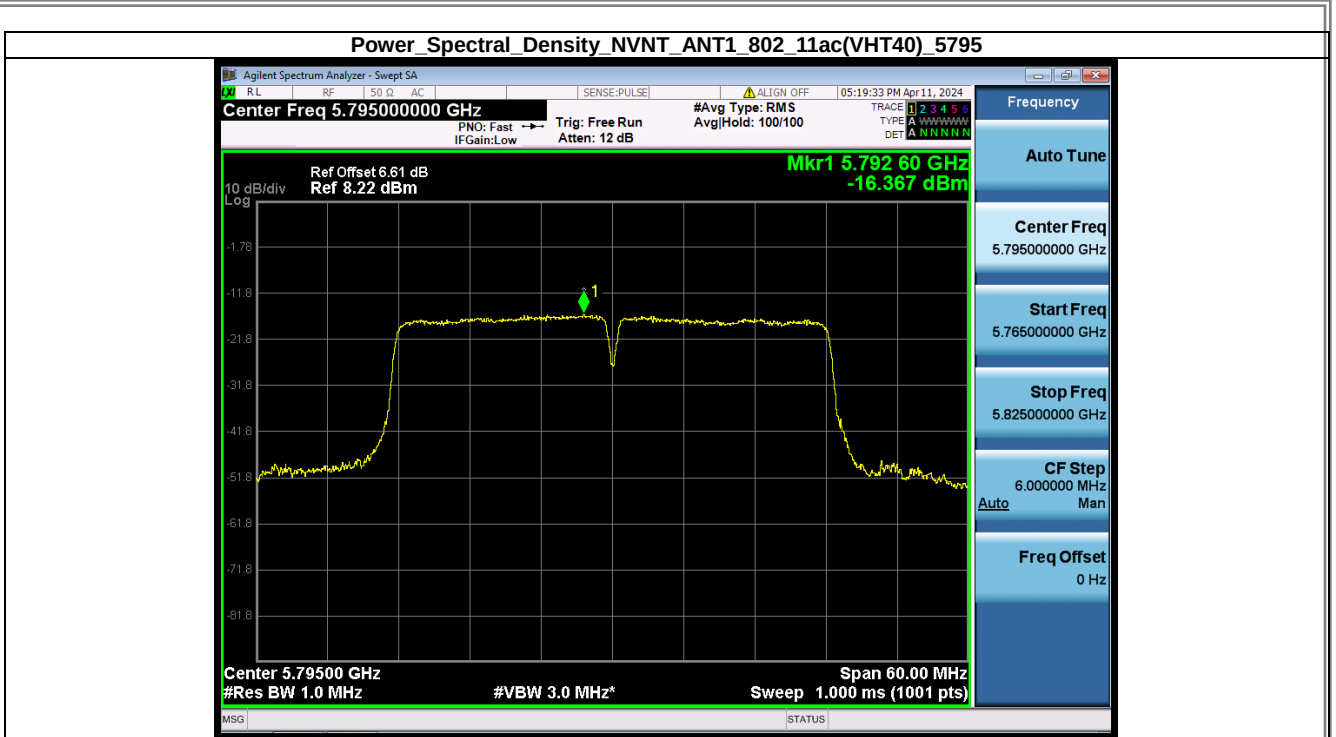


Power Spectral Density NVNT_ANT1_802_11n(HT40)_5795



Power Spectral Density NVNT_ANT1_802_11ac(VHT40)_5755





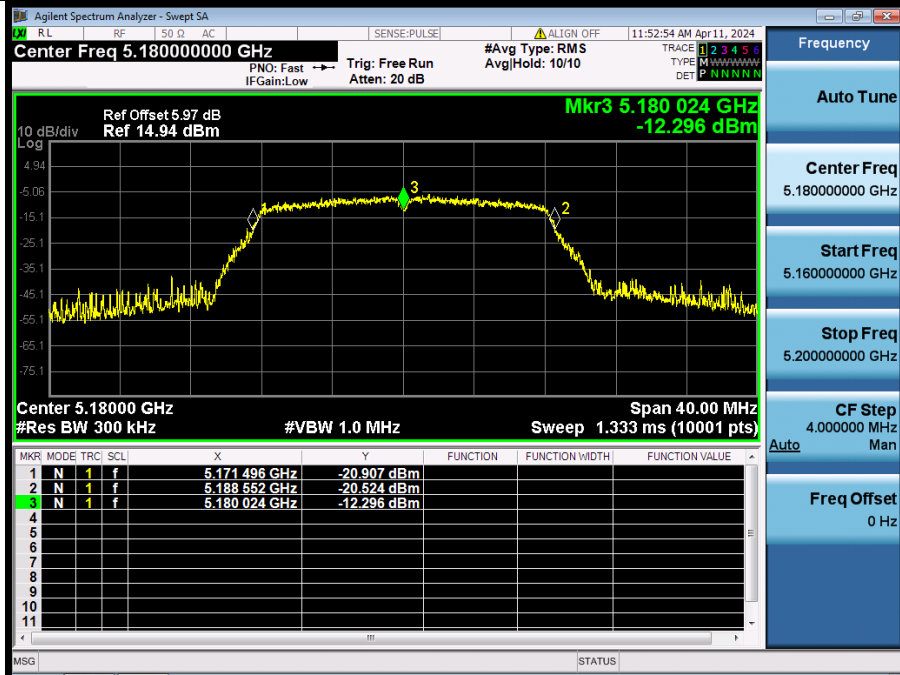
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factorand RBW Factoriscompensatedinthegraph.

APPENDIX H - Frequency Stability

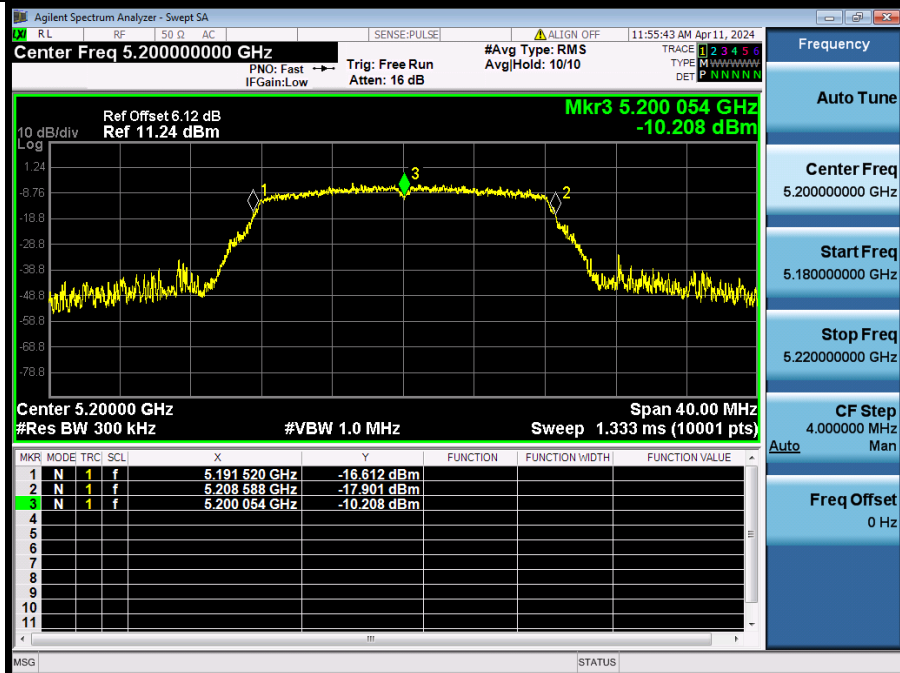
UNII-1

Condition	Antenna	Modulation	Frequency (MHz)	Fc(MHz)	Fi(MHz)	Fh(MHz)	Limit(MHz)	Result
HVNT	ANT1	802.11a	5180.00	5180.024	5171.496	5188.552	5150~5250	Pass
HVNT	ANT1	802.11a	5200.00	5200.054	5191.520	5208.588	5150~5250	Pass
HVNT	ANT1	802.11a	5240.00	5240.022	5231.484	5248.560	5150~5250	Pass
HVNT	ANT1	802.11n(HT20)	5180.00	5180.052	5171.004	5189.100	5150~5250	Pass
HVNT	ANT1	802.11n(HT20)	5200.00	5200.036	5190.976	5209.096	5150~5250	Pass
HVNT	ANT1	802.11n(HT20)	5240.00	5240.016	5230.964	5249.068	5150~5250	Pass
HVNT	ANT1	802.11ac(VHT20)	5180.00	5180.042	5170.996	5189.088	5150~5250	Pass
HVNT	ANT1	802.11ac(VHT20)	5200.00	5200.058	5191.004	5209.112	5150~5250	Pass
HVNT	ANT1	802.11ac(VHT20)	5240.00	5240.050	5230.984	5249.116	5150~5250	Pass
HVNT	ANT1	802.11n(HT40)	5190.00	5190.116	5171.904	5208.328	5150~5250	Pass
HVNT	ANT1	802.11n(HT40)	5230.00	5230.108	5211.904	5248.312	5150~5250	Pass
HVNT	ANT1	802.11ac(VHT40)	5190.00	5190.124	5171.896	5208.352	5150~5250	Pass
HVNT	ANT1	802.11ac(VHT40)	5230.00	5230.096	5211.888	5248.304	5150~5250	Pass
HVNT	ANT1	802.11ac(VHT80)	5210.00	5210.198	5172.128	5248.268	5150~5250	Pass

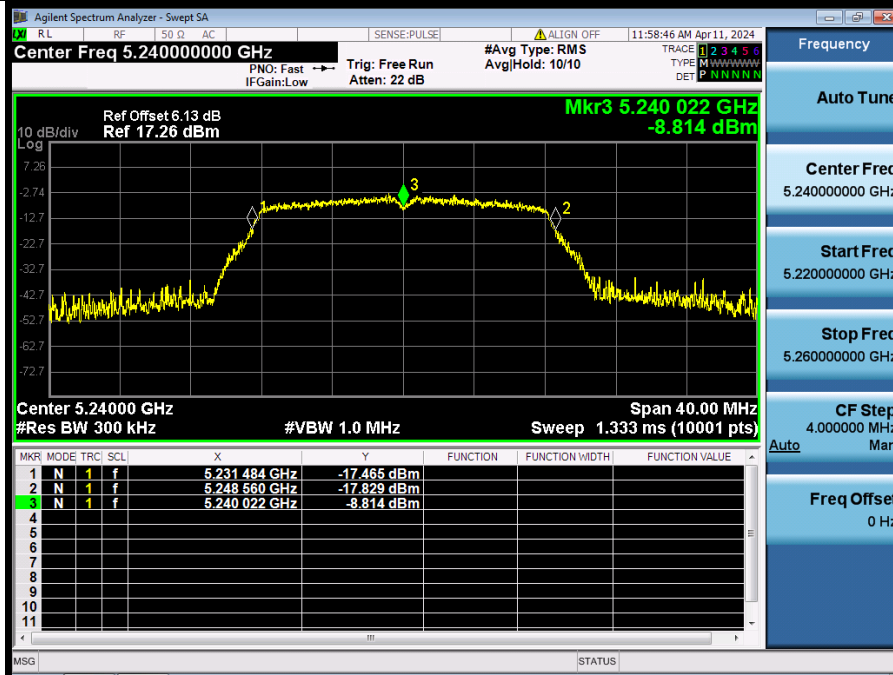
Frequency Stability HVNT_ANT1_802_11a_5180



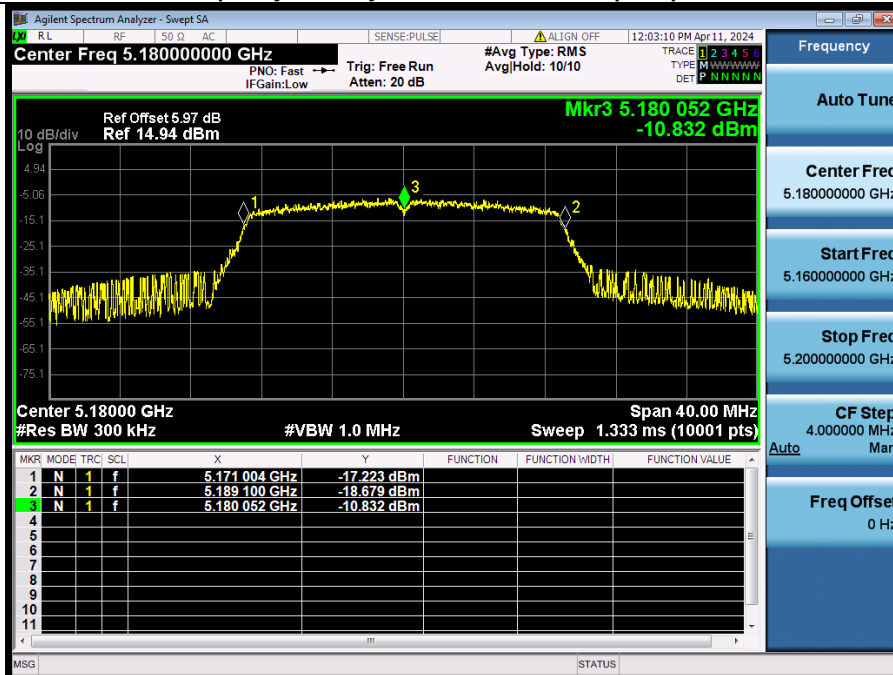
Frequency Stability HVNT_ANT1_802_11a_5200

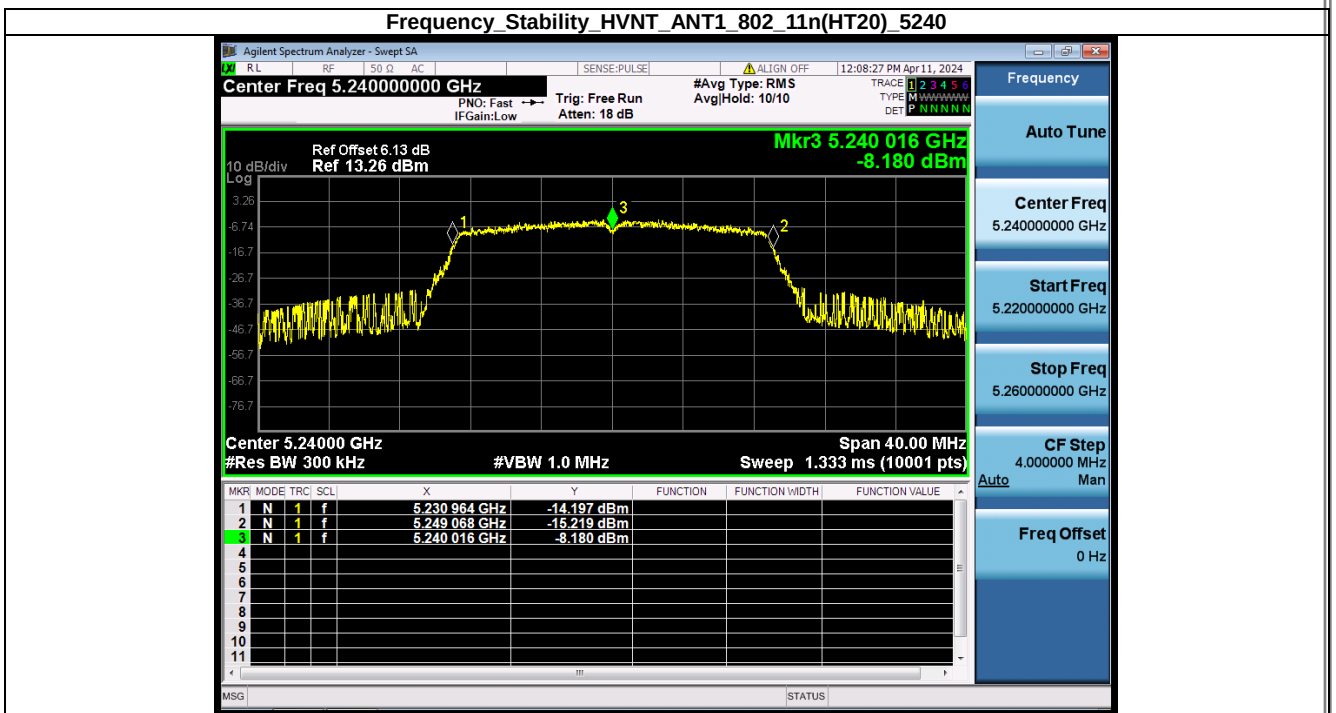
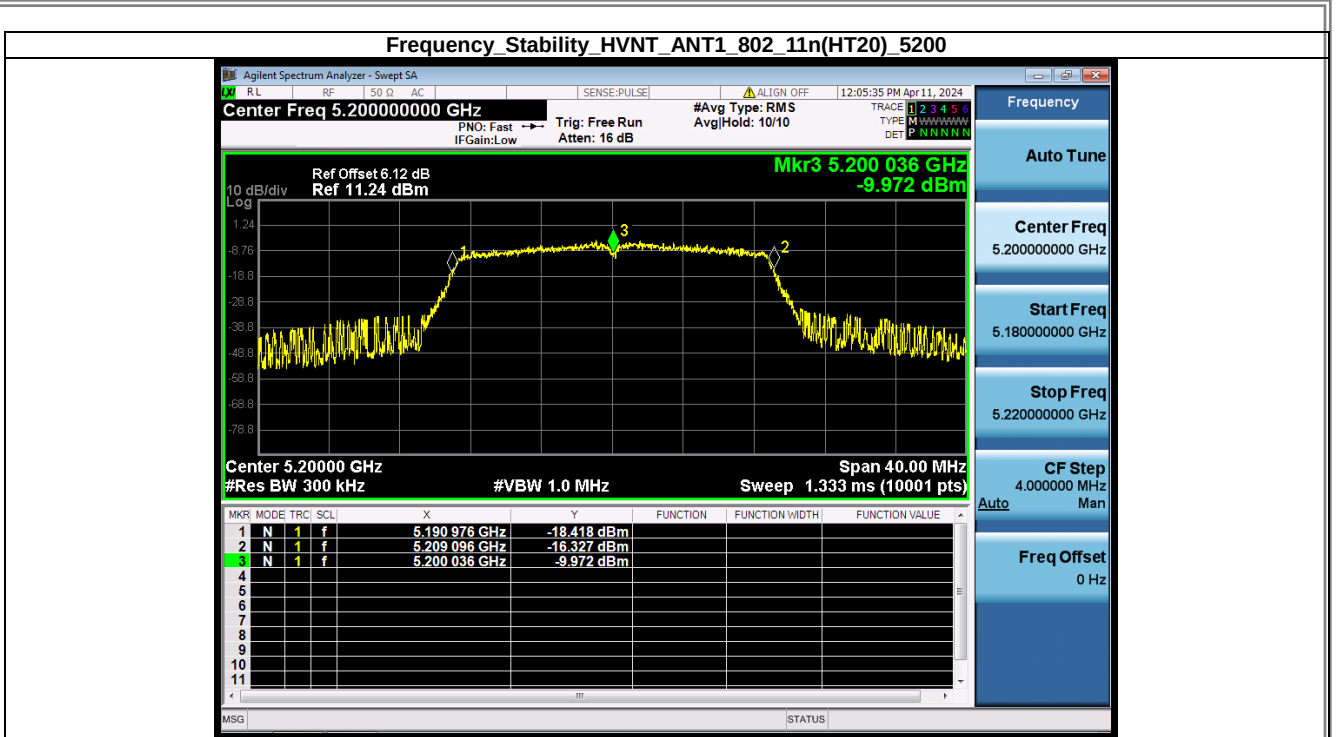


Frequency Stability HVNT_ANT1_802_11a_5240

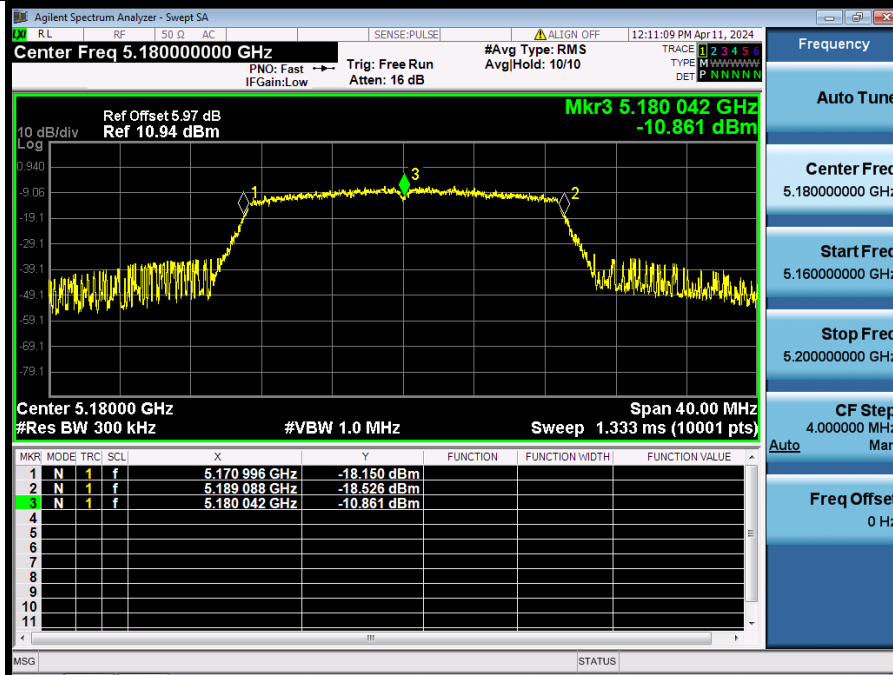


Frequency Stability HVNT_ANT1_802_11n(HT20)_5180

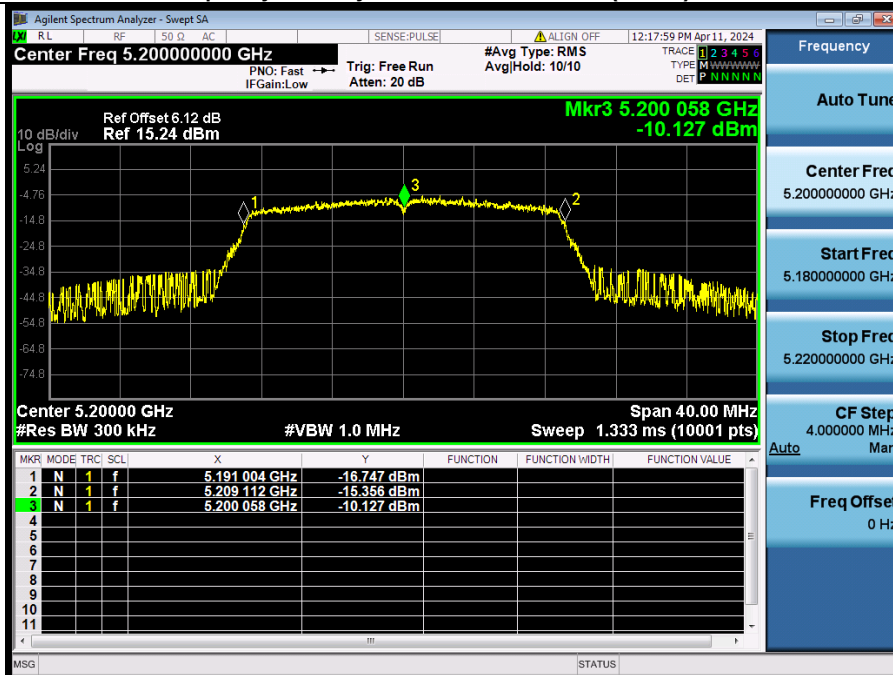




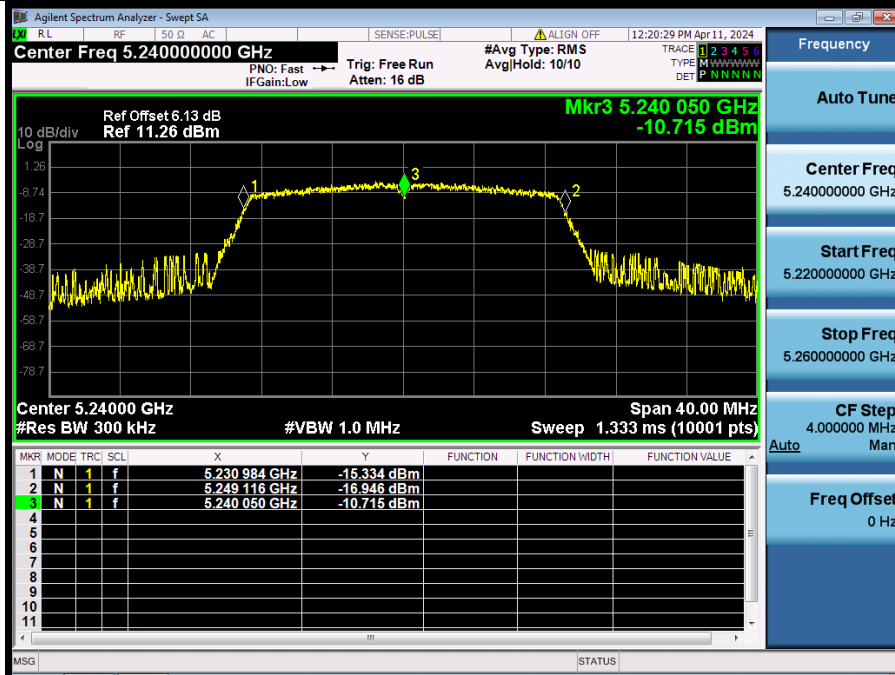
Frequency Stability HVNT_ANT1_802_11ac(VHT20)_5180



Frequency Stability HVNT_ANT1_802_11ac(VHT20)_5200



Frequency Stability HVNT_ANT1_802_11ac(VHT20)_5240



Frequency Stability HVNT_ANT1_802_11n(HT40)_5190

