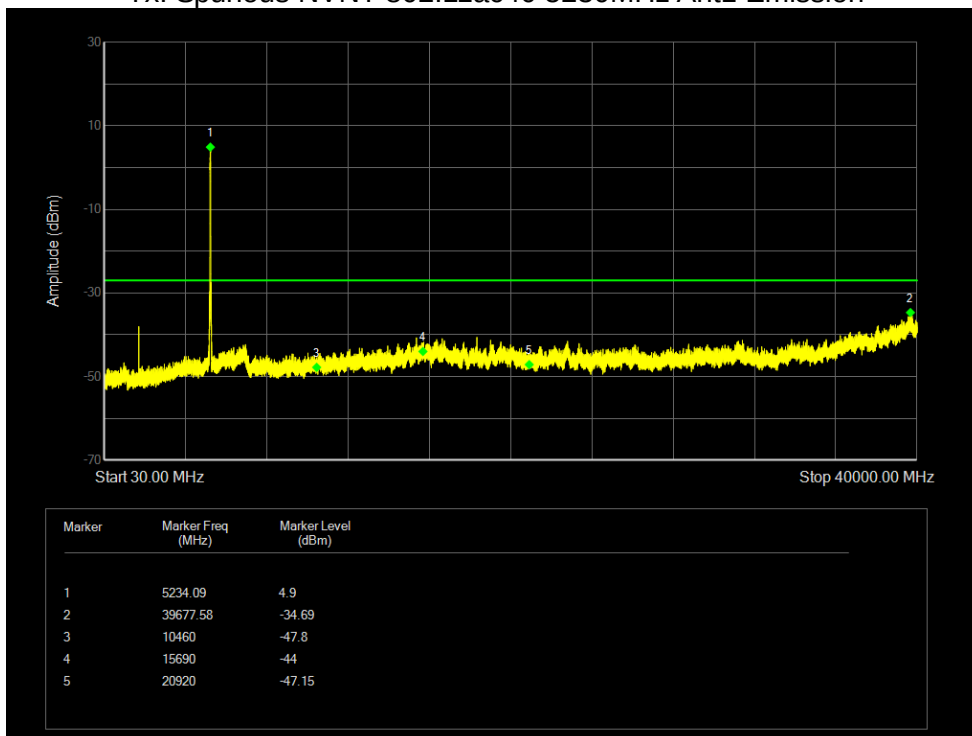
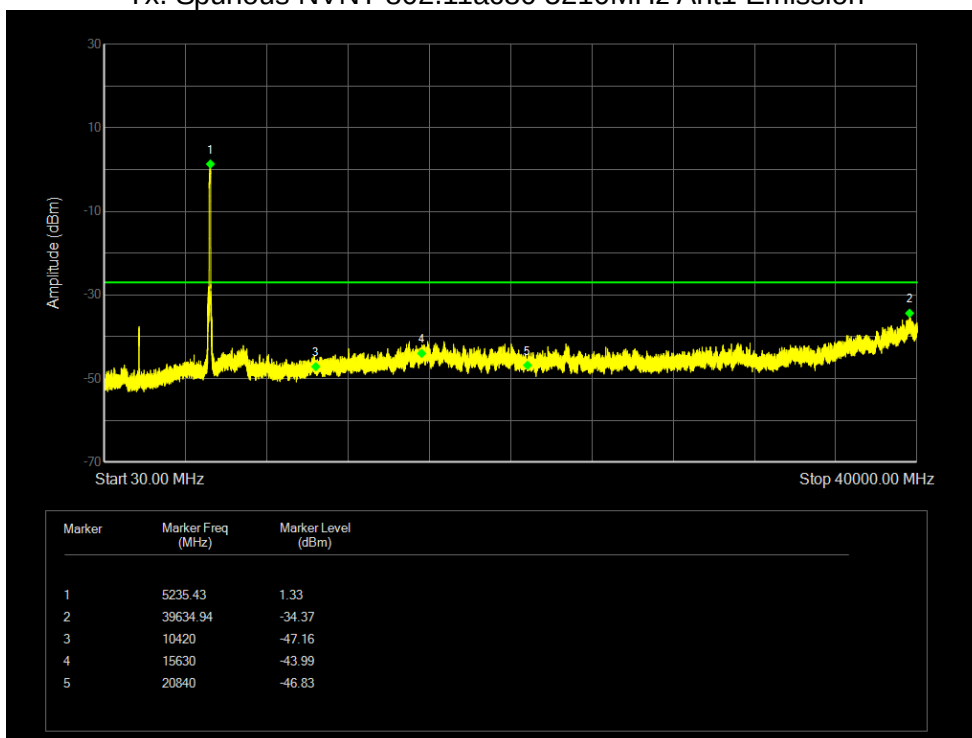


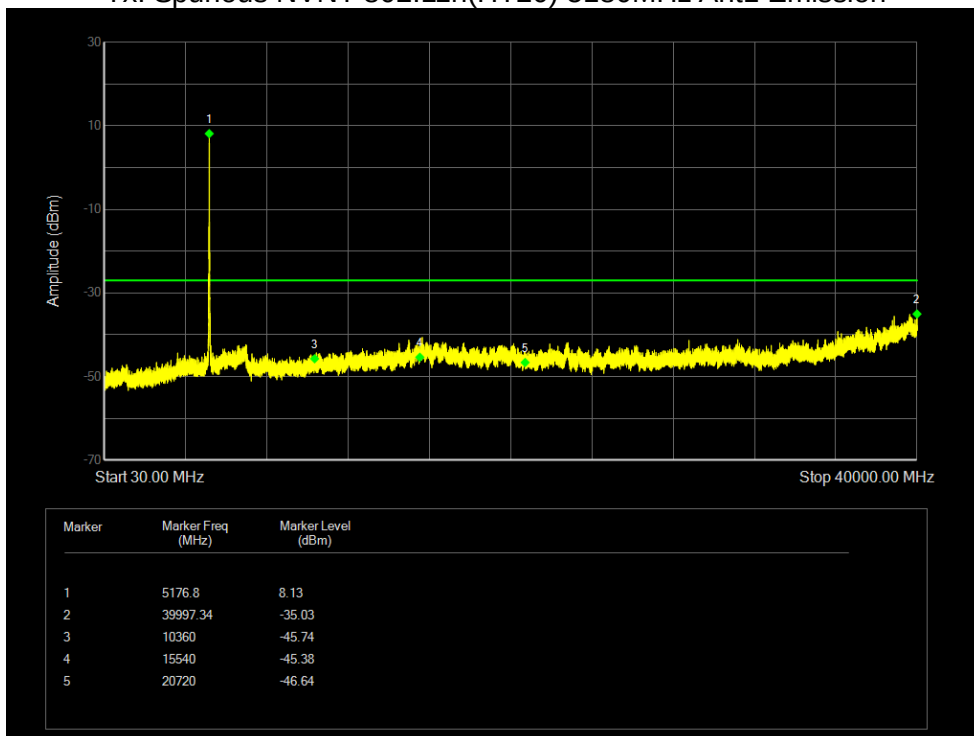
Tx. Spurious NVNT 802.11ac40 5230MHz Ant1 Emission



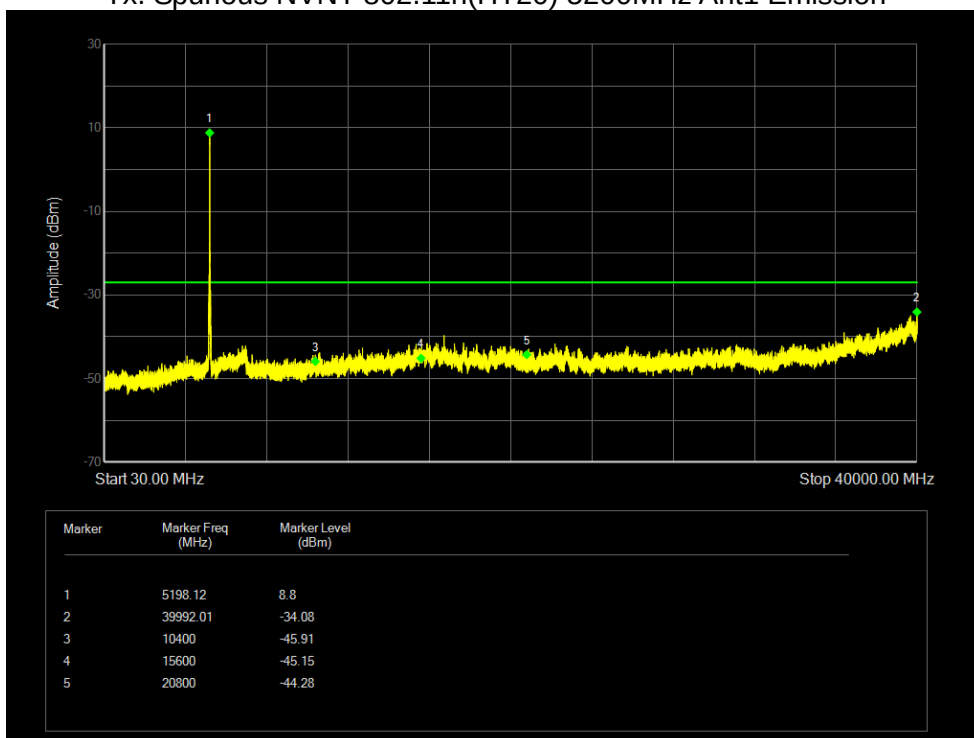
Tx. Spurious NVNT 802.11ac80 5210MHz Ant1 Emission



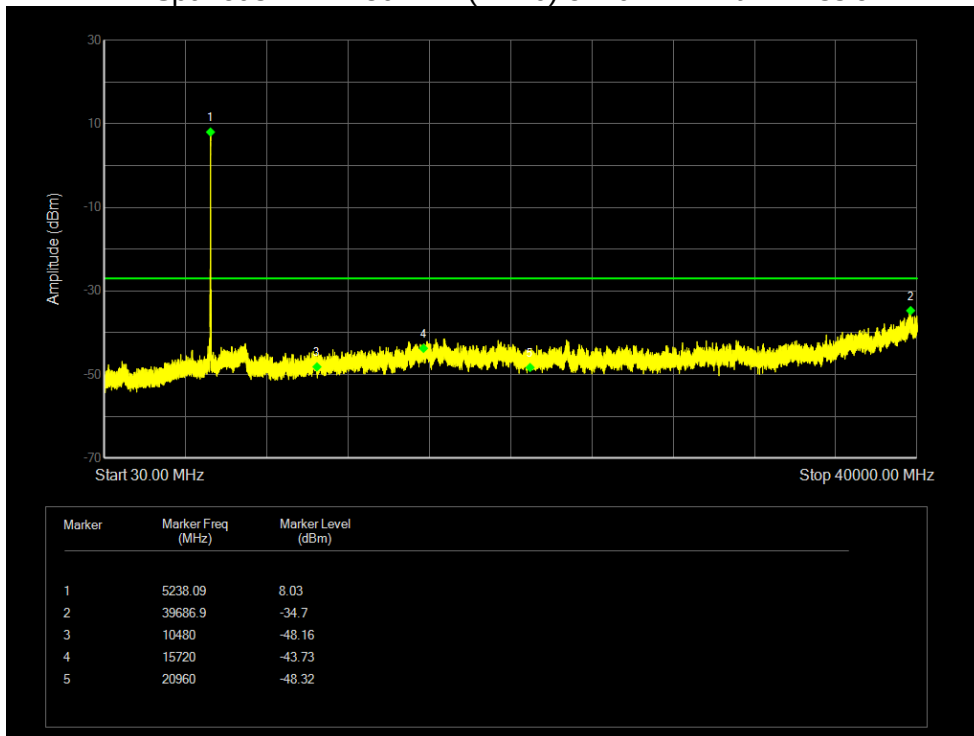
Tx. Spurious NVNT 802.11n(HT20) 5180MHz Ant1 Emission



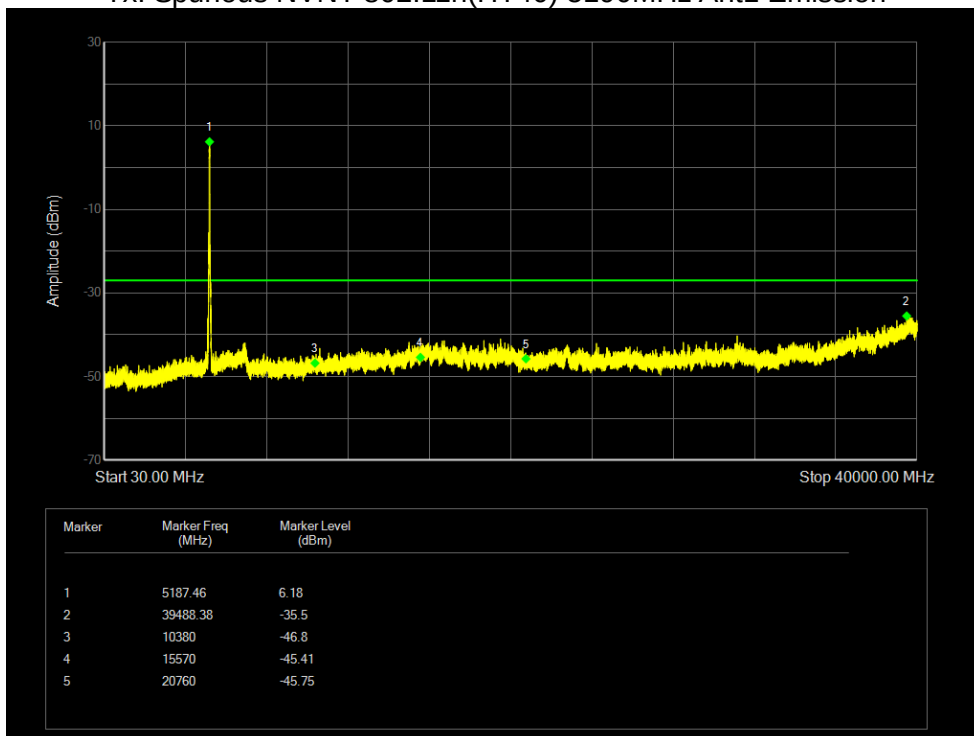
Tx. Spurious NVNT 802.11n(HT20) 5200MHz Ant1 Emission



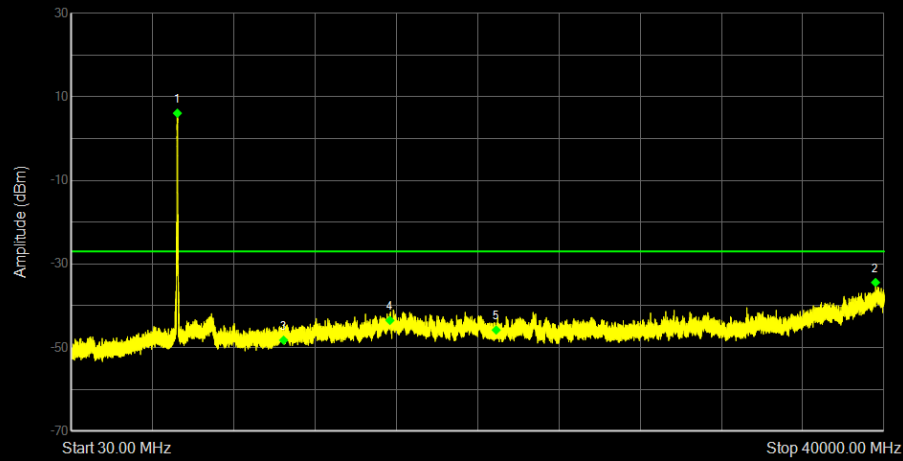
Tx. Spurious NVNT 802.11n(HT20) 5240MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5190MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5230MHz Ant1 Emission



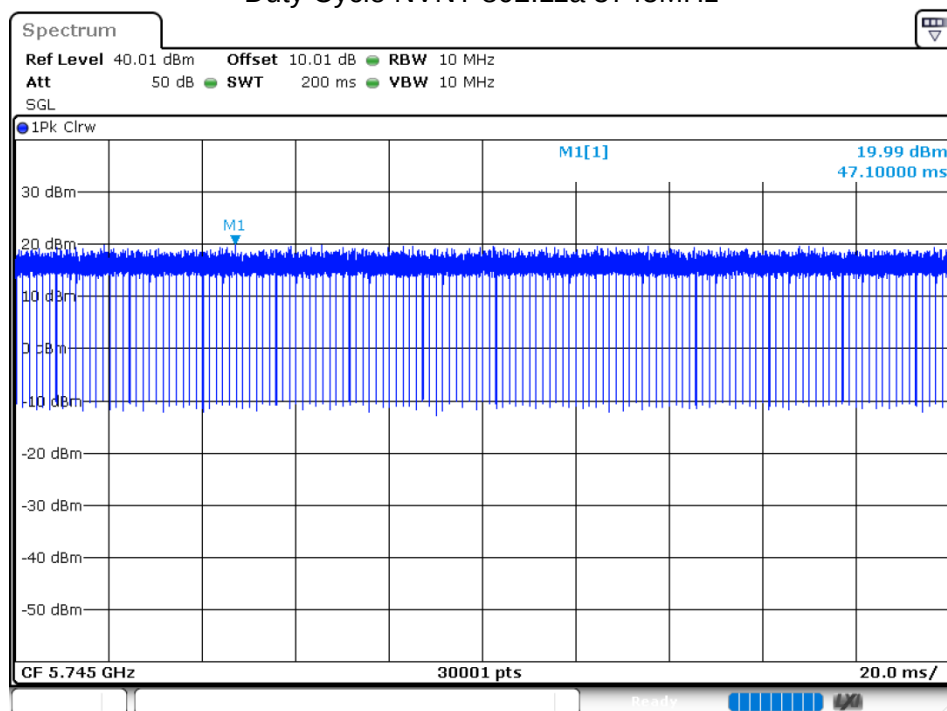
Marker	Marker Freq (MHz)	Marker Level (dBm)
1	5231.43	6.08
2	39582.98	-34.43
3	10460	-48.25
4	15690	-43.52
5	20920	-45.81

5.8G WIFI

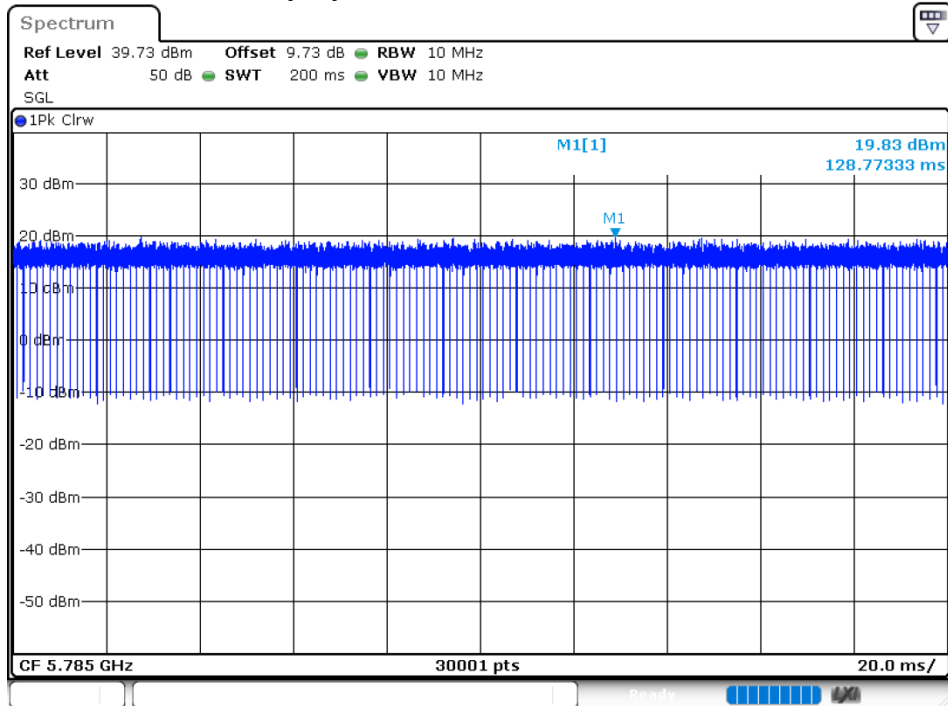
5.1 DUTY CYCLE

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11a	5745	97.9	0.09
NVNT	802.11a	5785	97.89	0.09
NVNT	802.11a	5825	97.9	0.09
NVNT	802.11ac20	5745	97.84	0.09
NVNT	802.11ac20	5785	97.84	0.09
NVNT	802.11ac20	5825	97.81	0.1
NVNT	802.11ac40	5755	95.86	0.18
NVNT	802.11ac40	5795	95.88	0.18
NVNT	802.11ac80	5775	92.2	0.35
NVNT	802.11n(HT20)	5745	97.81	0.1
NVNT	802.11n(HT20)	5785	97.8	0.1
NVNT	802.11n(HT20)	5825	97.81	0.1
NVNT	802.11n(HT40)	5755	95.85	0.18
NVNT	802.11n(HT40)	5795	95.85	0.18

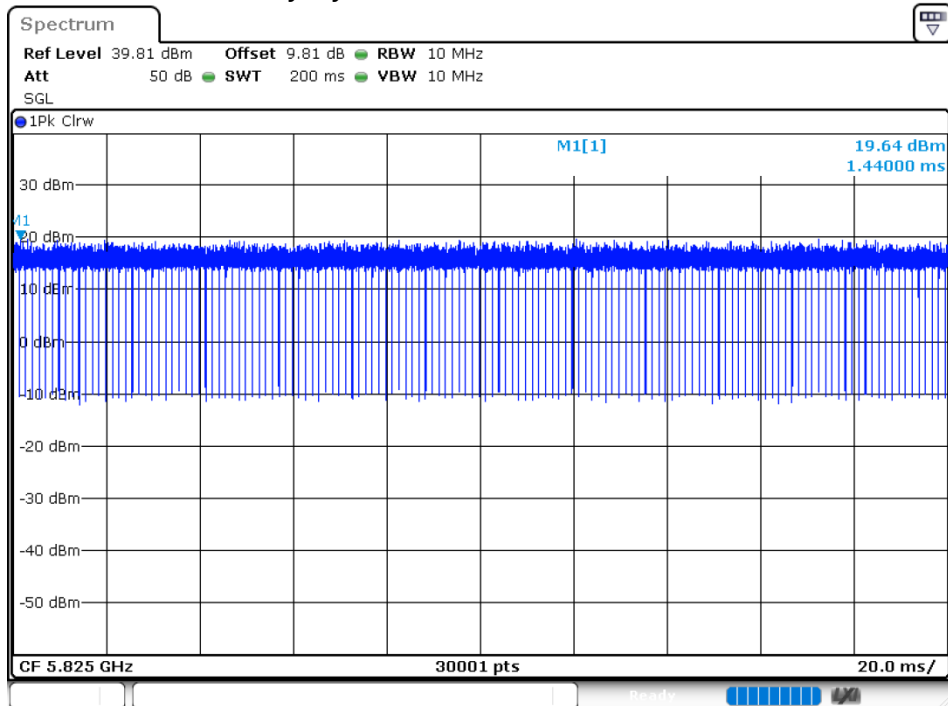
Duty Cycle NVNT 802.11a 5745MHz



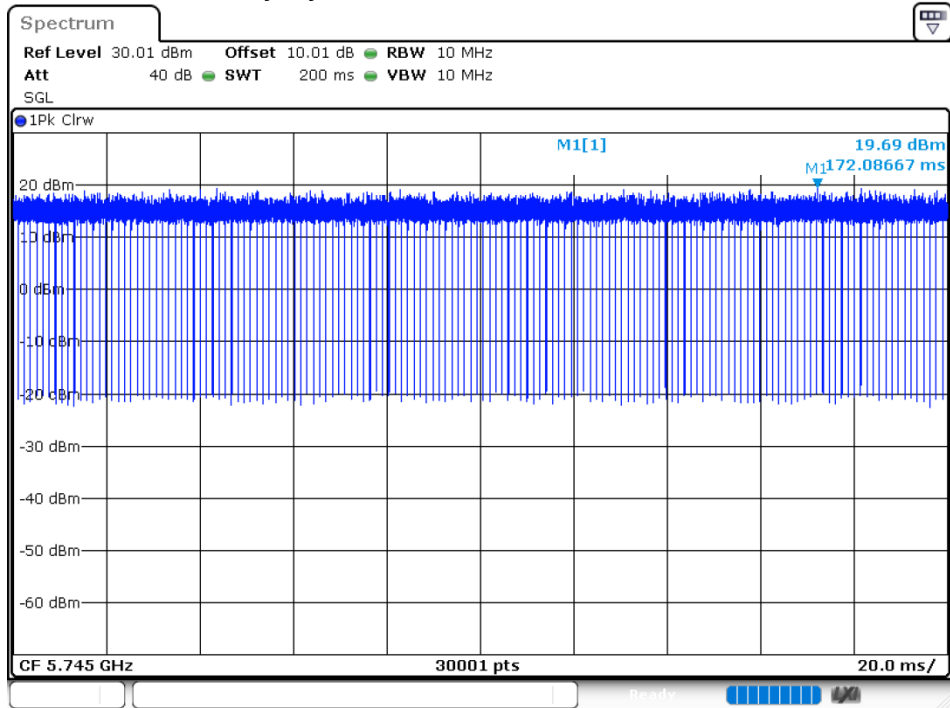
Duty Cycle NVNT 802.11a 5785MHz



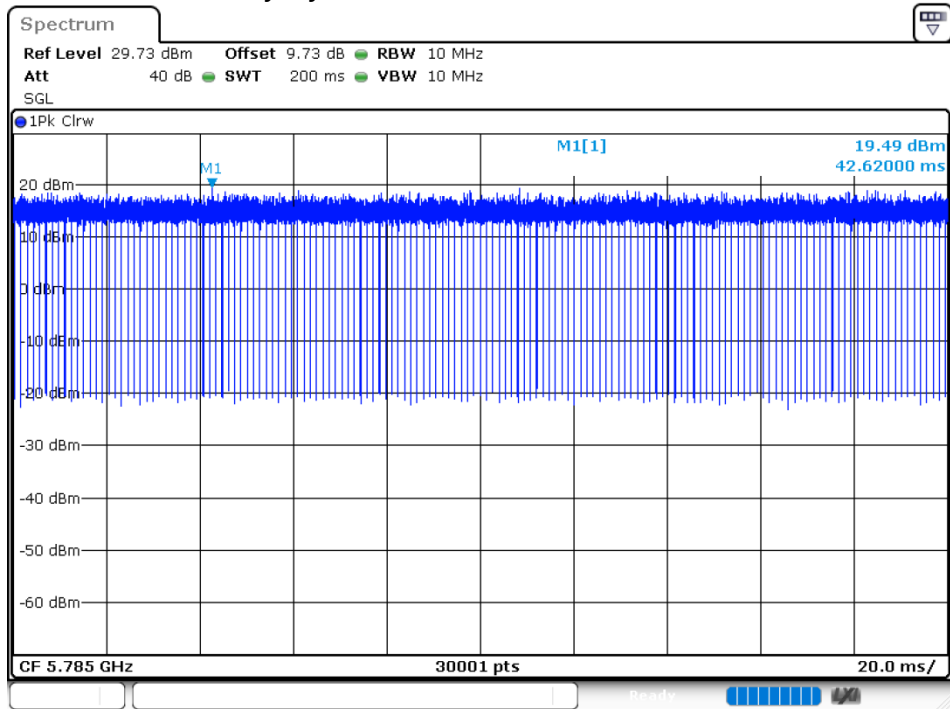
Duty Cycle NVNT 802.11a 5825MHz



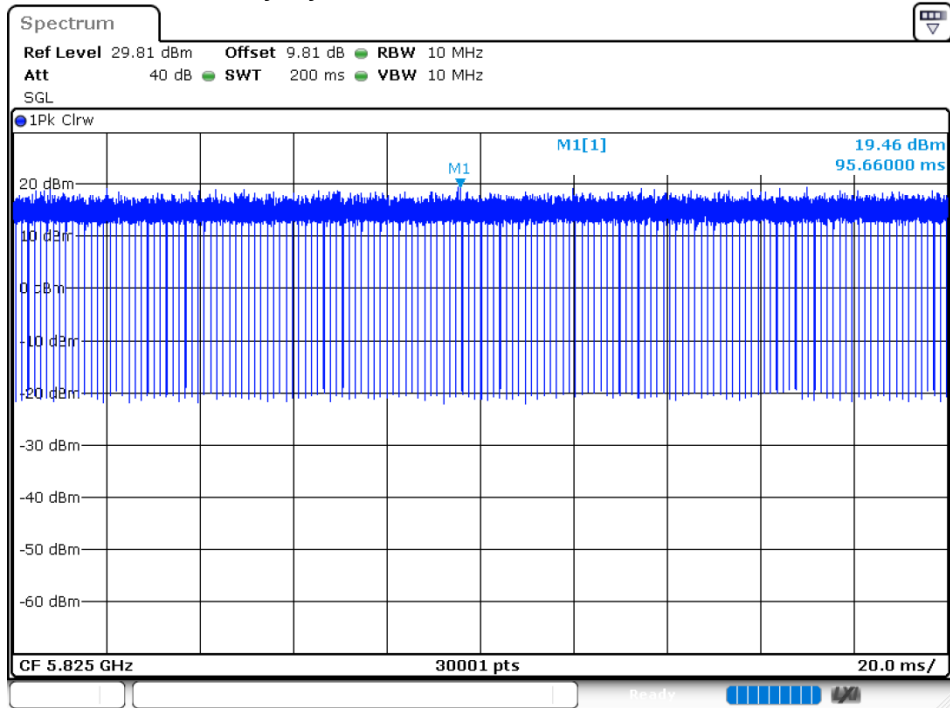
Duty Cycle NVNT 802.11ac20 5745MHz



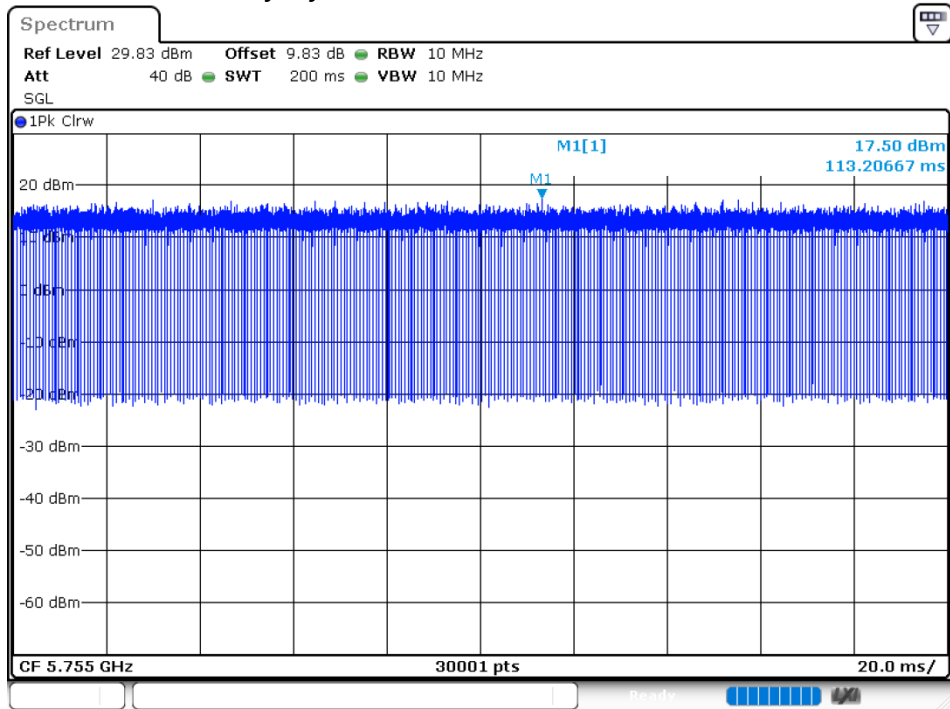
Duty Cycle NVNT 802.11ac20 5785MHz



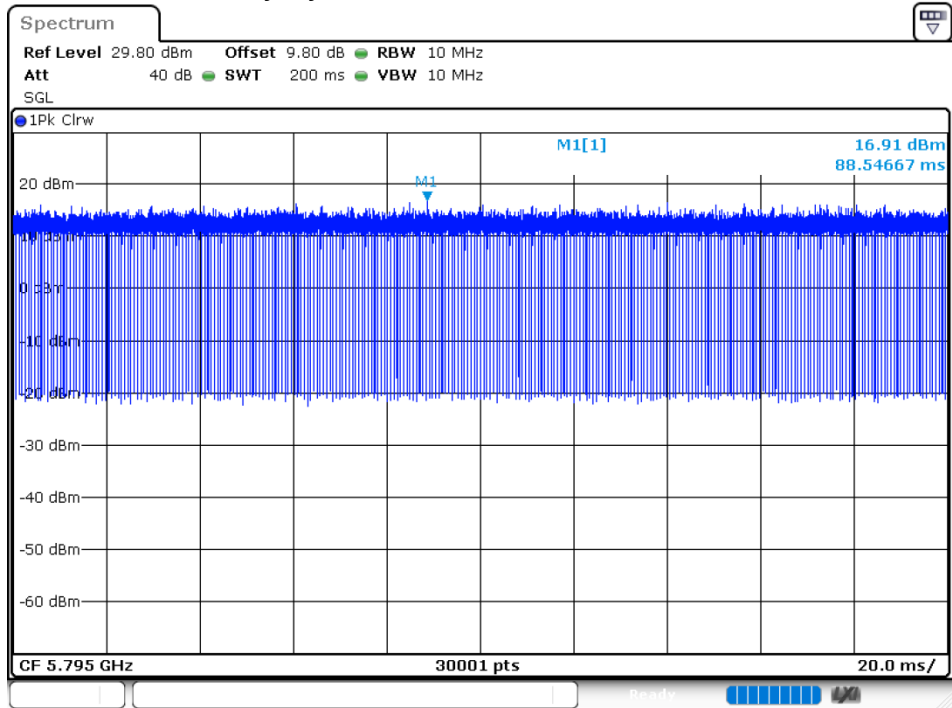
Duty Cycle NVNT 802.11ac20 5825MHz



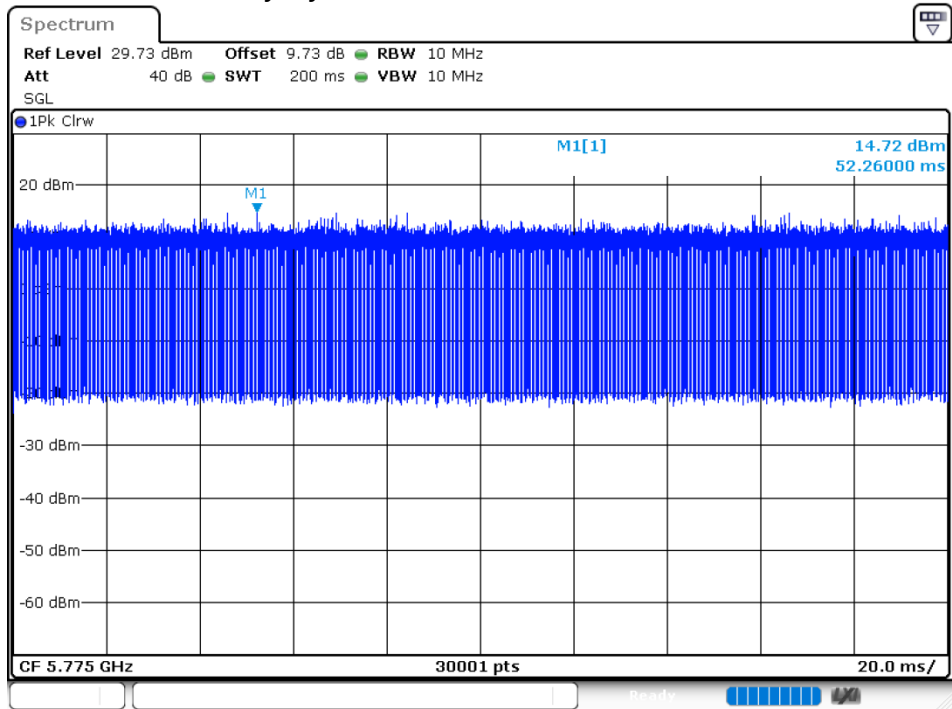
Duty Cycle NVNT 802.11ac40 5755MHz



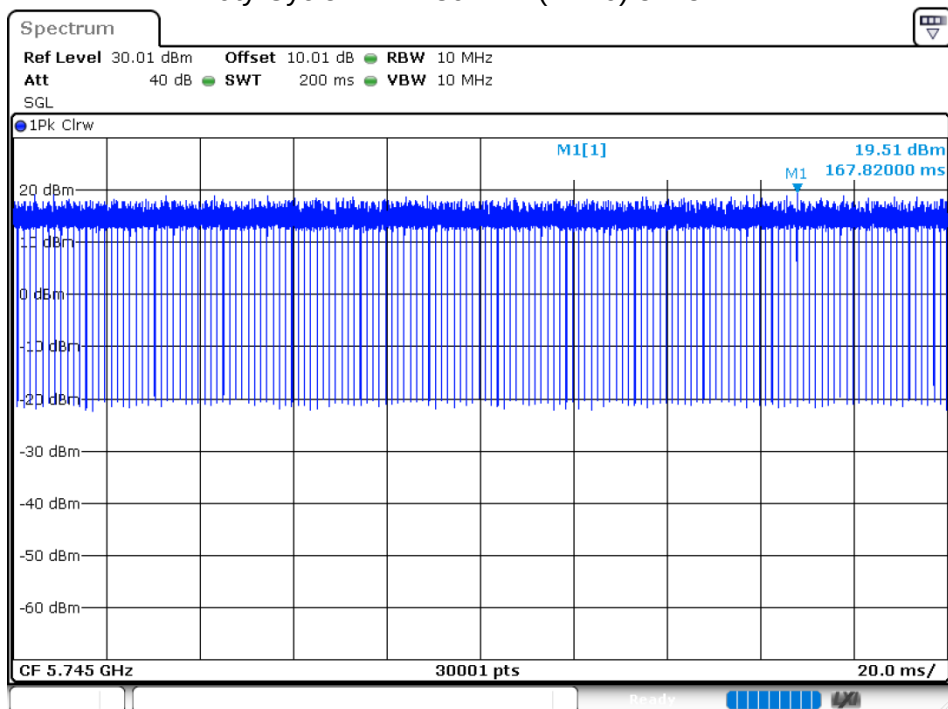
Duty Cycle NVNT 802.11ac40 5795MHz



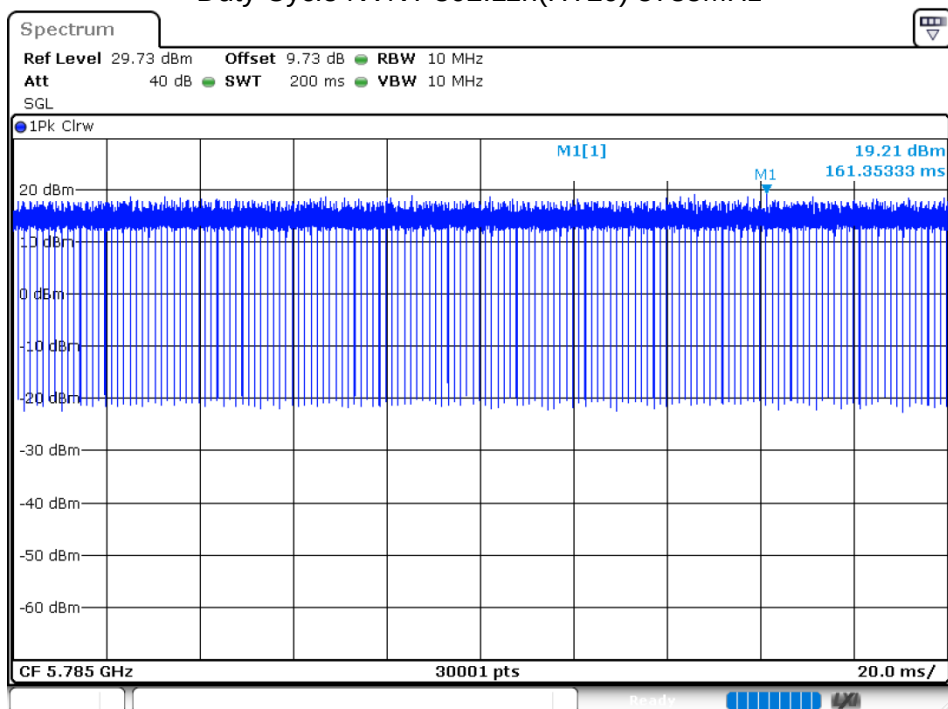
Duty Cycle NVNT 802.11ac80 5775MHz



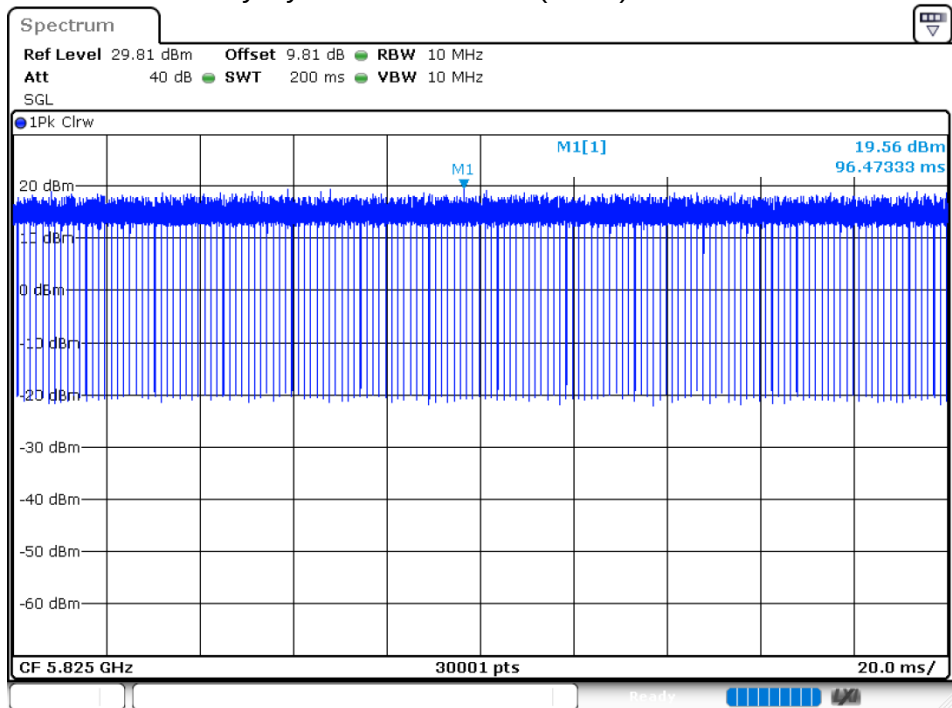
Duty Cycle NVNT 802.11n(HT20) 5745MHz



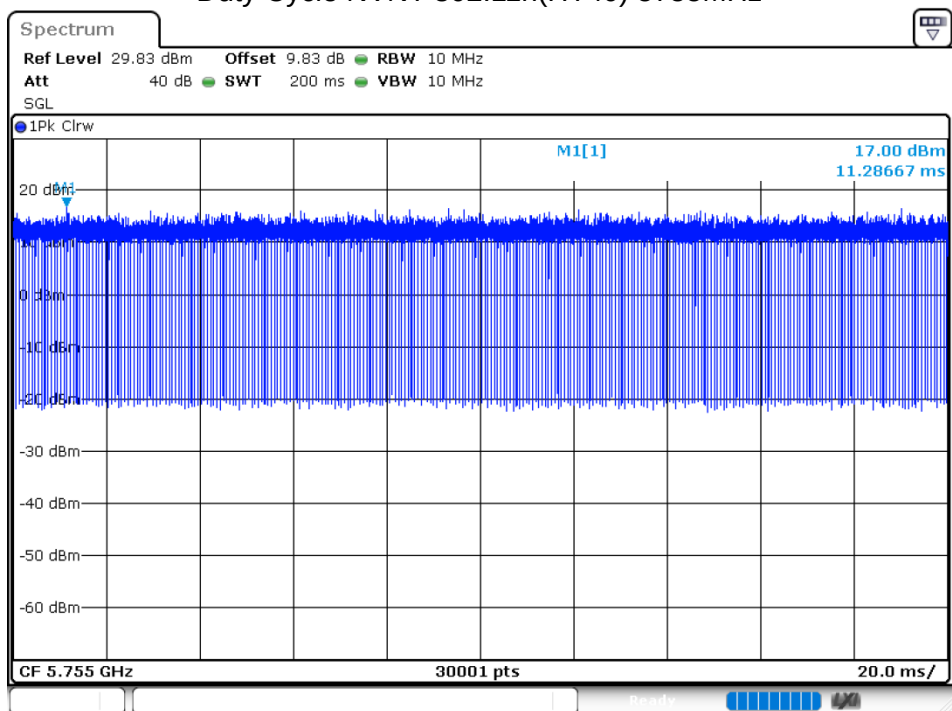
Duty Cycle NVNT 802.11n(HT20) 5785MHz



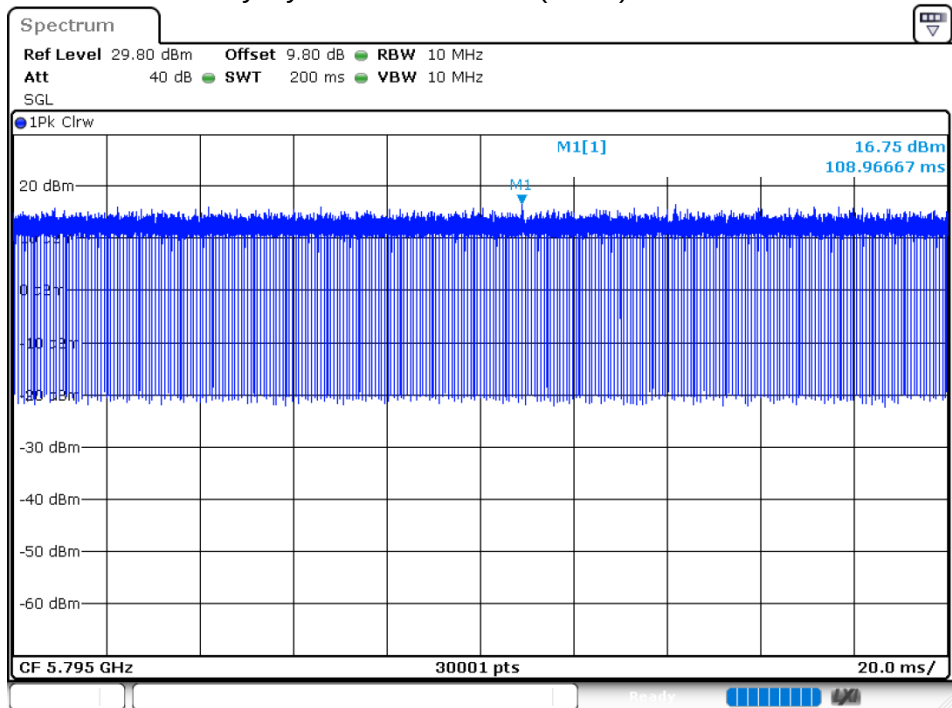
Duty Cycle NVNT 802.11n(HT20) 5825MHz



Duty Cycle NVNT 802.11n(HT40) 5755MHz



Duty Cycle NVNT 802.11n(HT40) 5795MHz



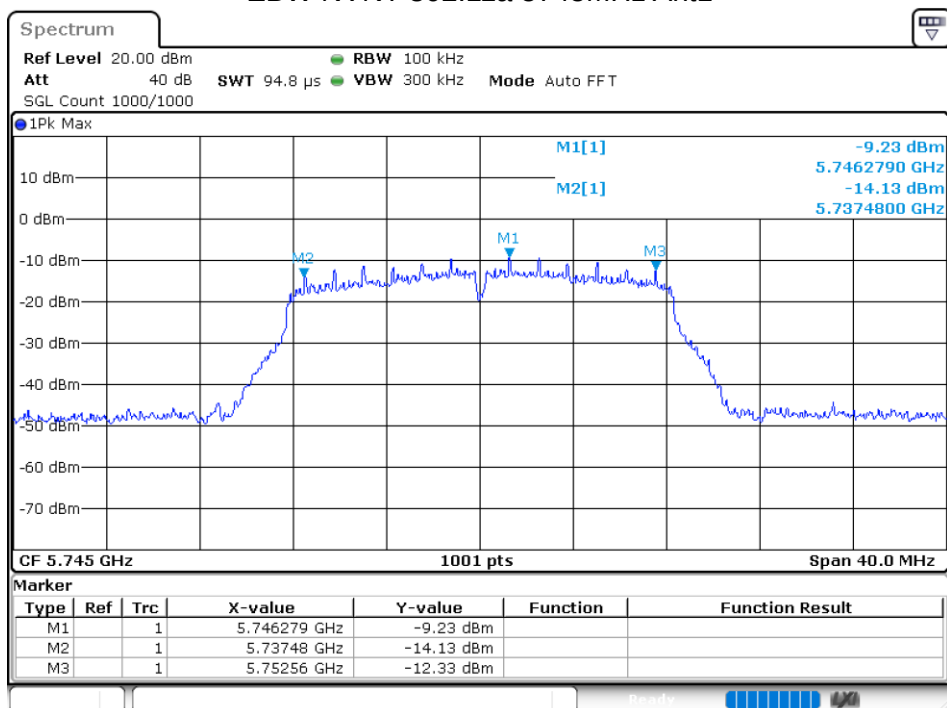
5.2 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	9.65	0.09	9.74	30	Pass
NVNT	802.11a	5785	Ant 1	9.68	0.09	9.77	30	Pass
NVNT	802.11a	5825	Ant 1	9.66	0.09	9.75	30	Pass
NVNT	802.11ac20	5745	Ant 1	8.55	0.09	8.64	30	Pass
NVNT	802.11ac20	5785	Ant 1	8.46	0.09	8.55	30	Pass
NVNT	802.11ac20	5825	Ant 1	8.45	0.1	8.55	30	Pass
NVNT	802.11ac40	5755	Ant 1	9.07	0.18	9.25	30	Pass
NVNT	802.11ac40	5795	Ant 1	8.4	0.18	8.58	30	Pass
NVNT	802.11ac80	5775	Ant 1	8.51	0.35	8.86	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	8.45	0.1	8.55	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	8.37	0.1	8.47	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	8.49	0.1	8.59	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	8.09	0.18	8.27	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	8.34	0.18	8.52	30	Pass

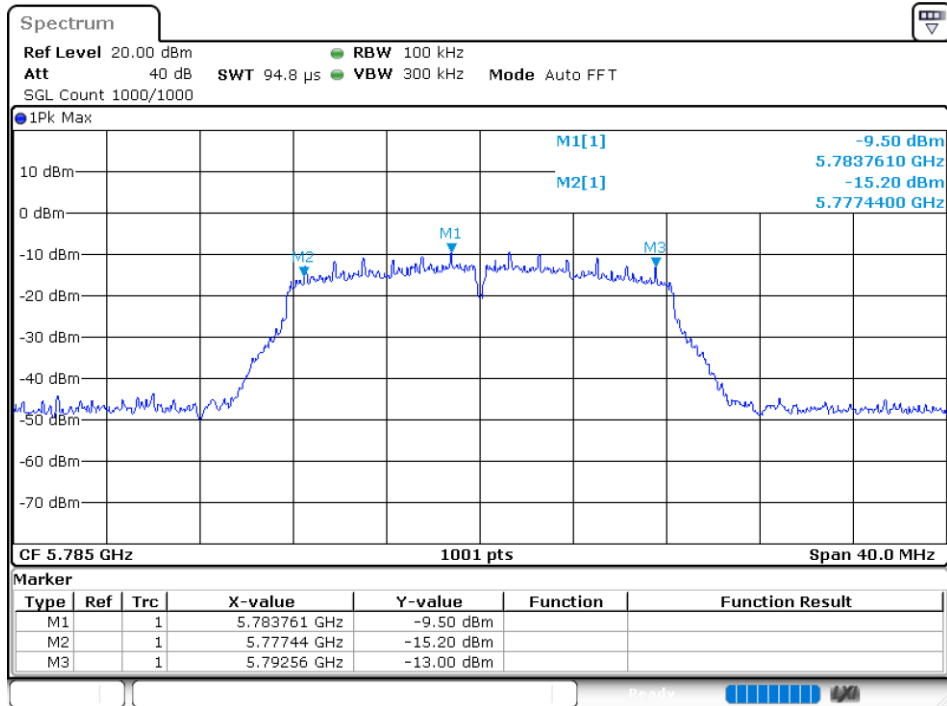
5.3 -6DB EMISSION BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	15.08	0.5	Pass
NVNT	802.11a	5785	Ant 1	15.12	0.5	Pass
NVNT	802.11a	5825	Ant 1	15.12	0.5	Pass
NVNT	802.11ac20	5745	Ant 1	15.12	0.5	Pass
NVNT	802.11ac20	5785	Ant 1	15.12	0.5	Pass
NVNT	802.11ac20	5825	Ant 1	15.12	0.5	Pass
NVNT	802.11ac40	5755	Ant 1	32.64	0.5	Pass
NVNT	802.11ac40	5795	Ant 1	35.12	0.5	Pass
NVNT	802.11ac80	5775	Ant 1	75.2	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 1	16.12	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 1	15.08	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 1	15.16	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 1	35.04	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 1	35.12	0.5	Pass

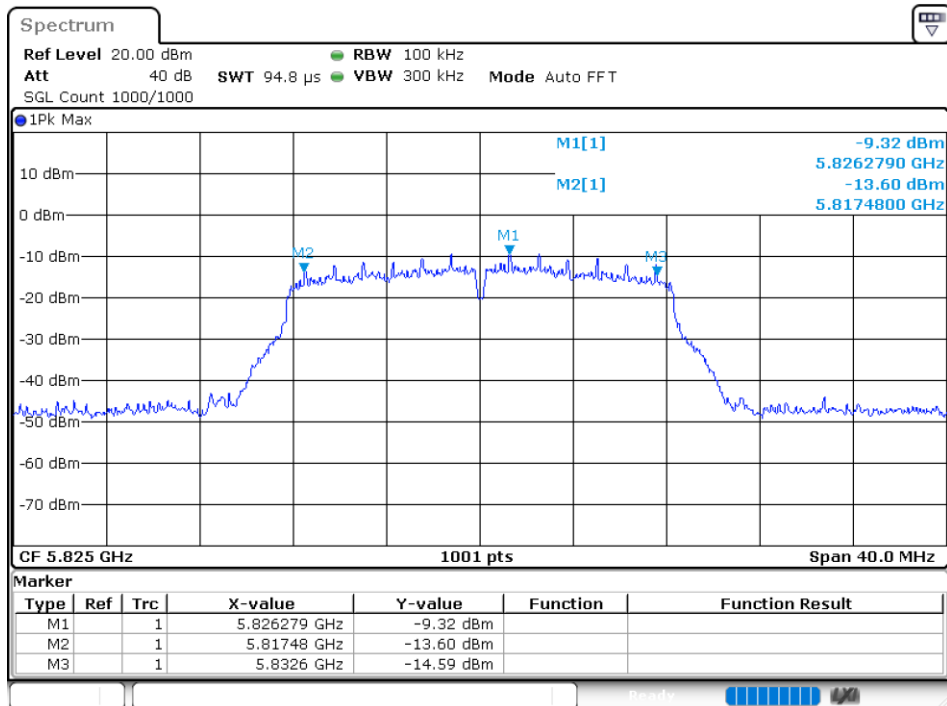
EBW NVNT 802.11a 5745MHz Ant1



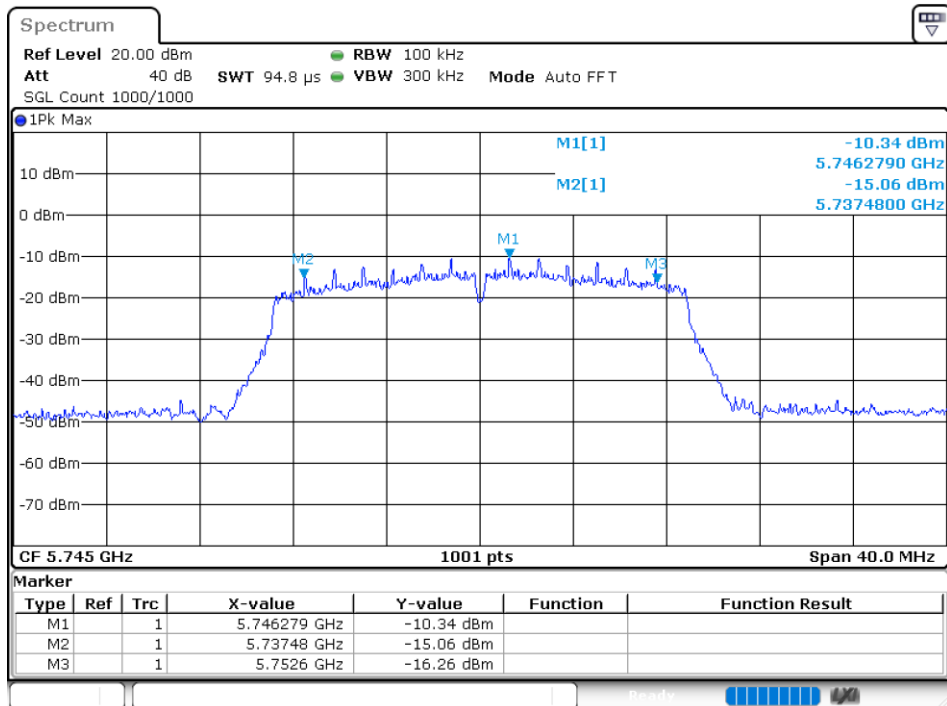
EBW NVNT 802.11a 5785MHz Ant1



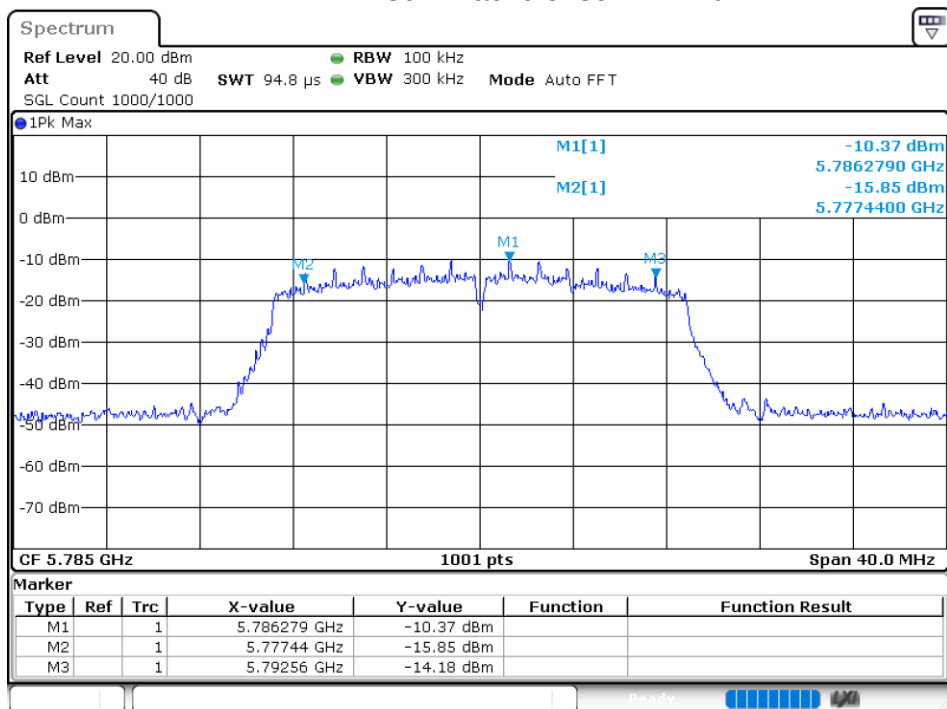
EBW NVNT 802.11a 5825MHz Ant1



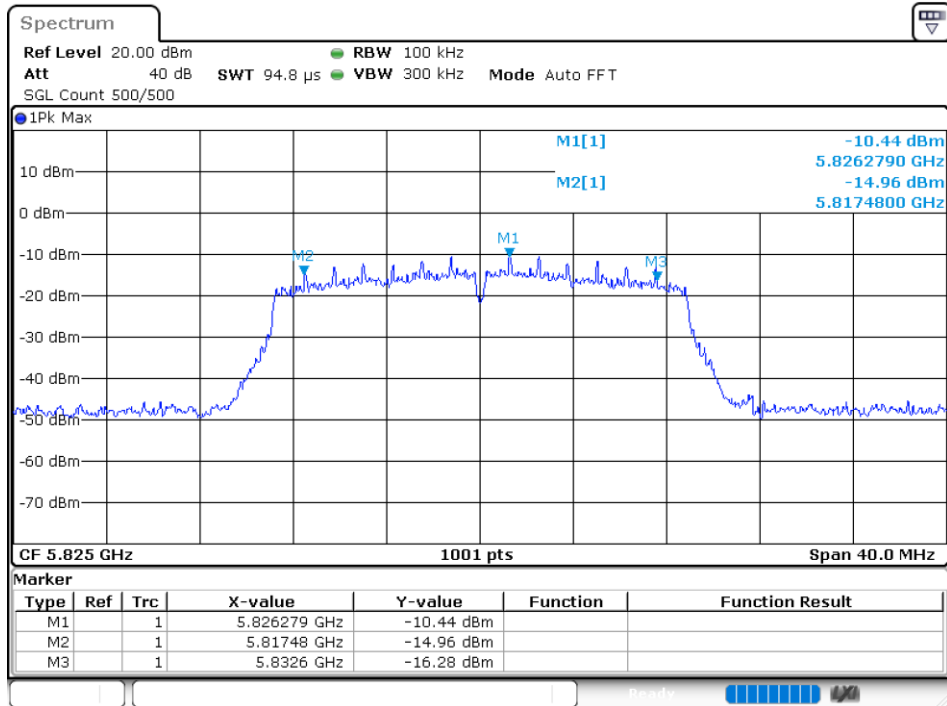
EBW NVNT 802.11ac20 5745MHz Ant1



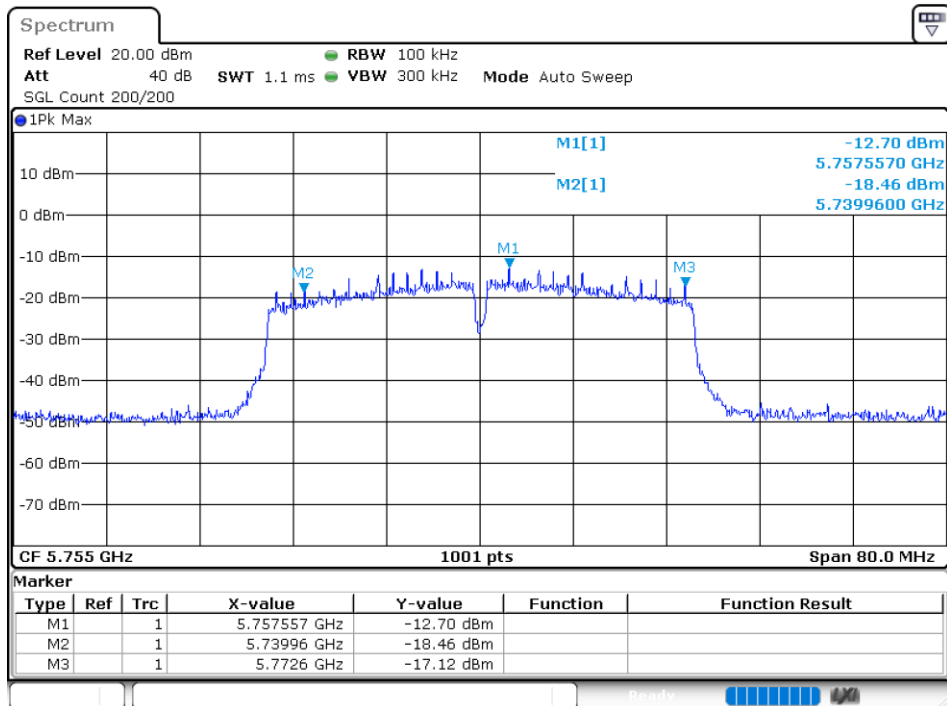
EBW NVNT 802.11ac20 5785MHz Ant1



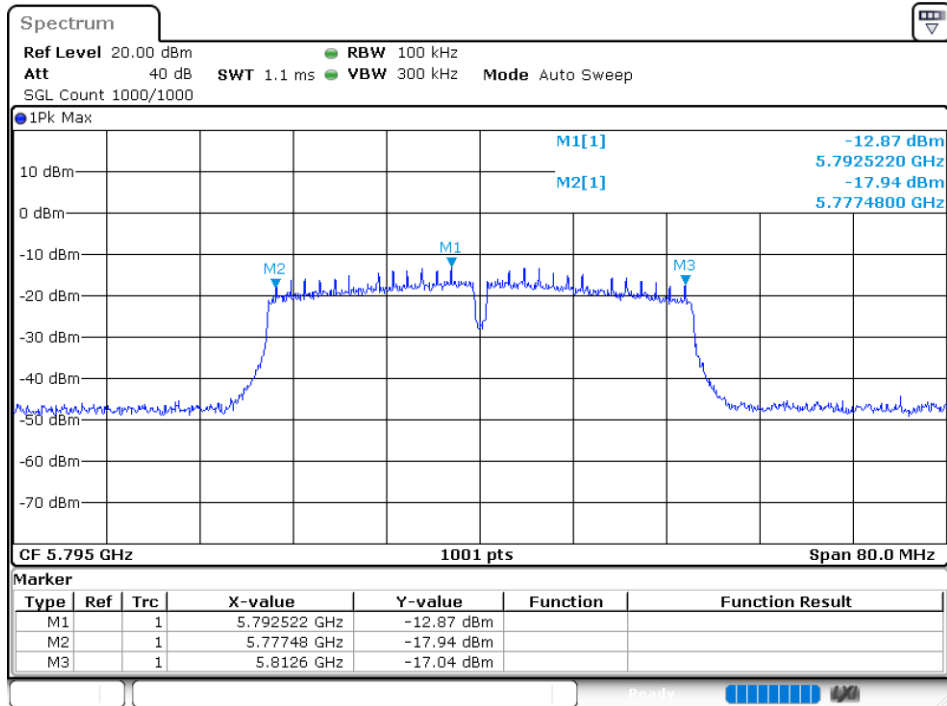
EBW NVNT 802.11ac20 5825MHz Ant1



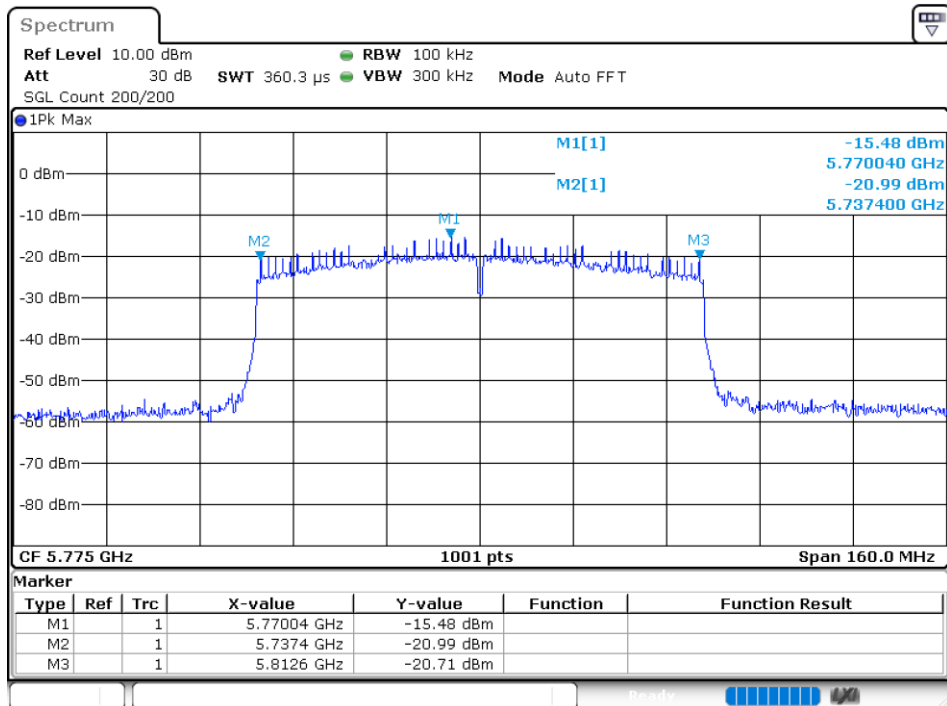
EBW NVNT 802.11ac40 5755MHz Ant1



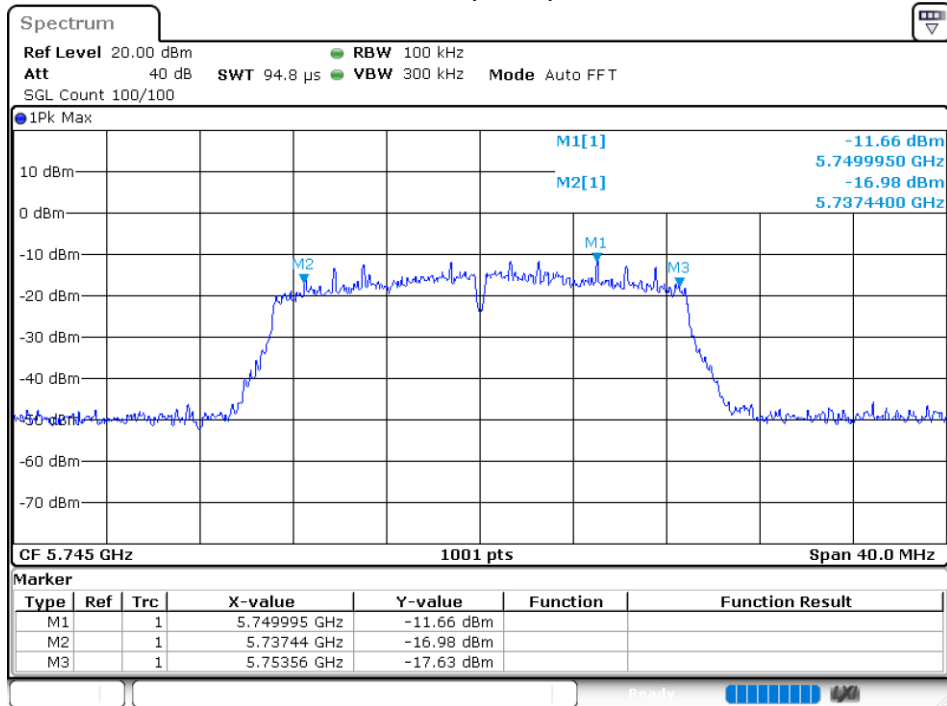
EBW NVNT 802.11ac40 5795MHz Ant1



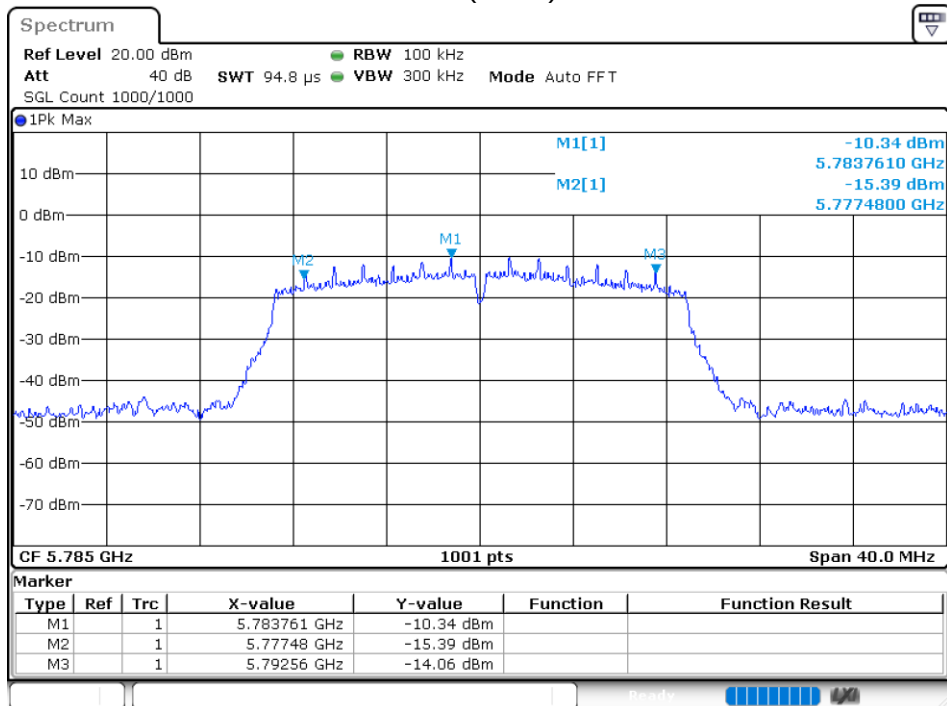
EBW NVNT 802.11ac80 5775MHz Ant1



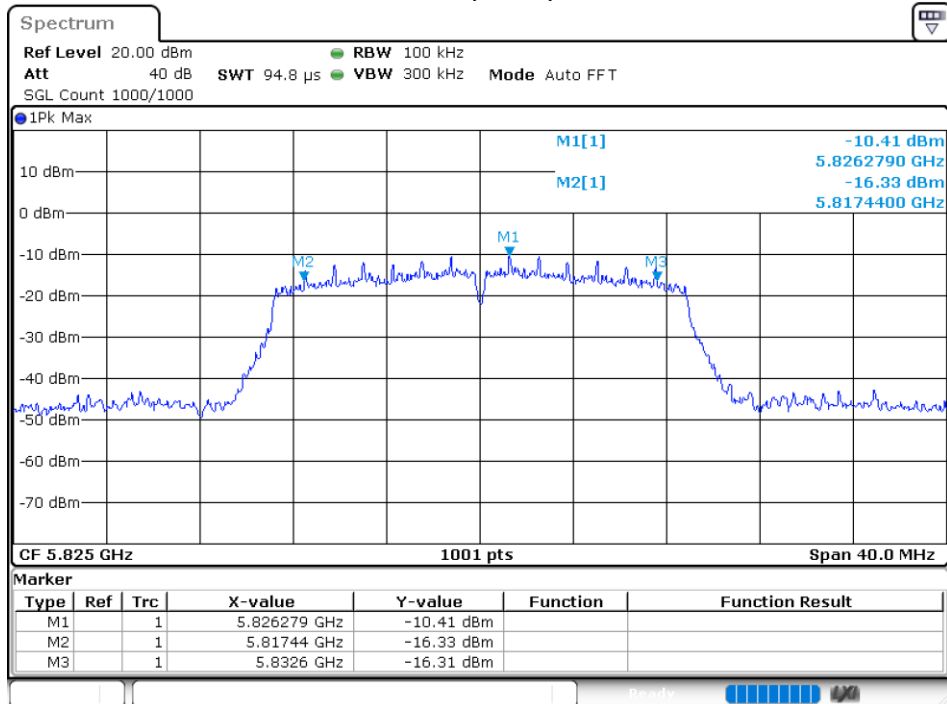
EBW NVNT 802.11n(HT20) 5745MHz Ant1



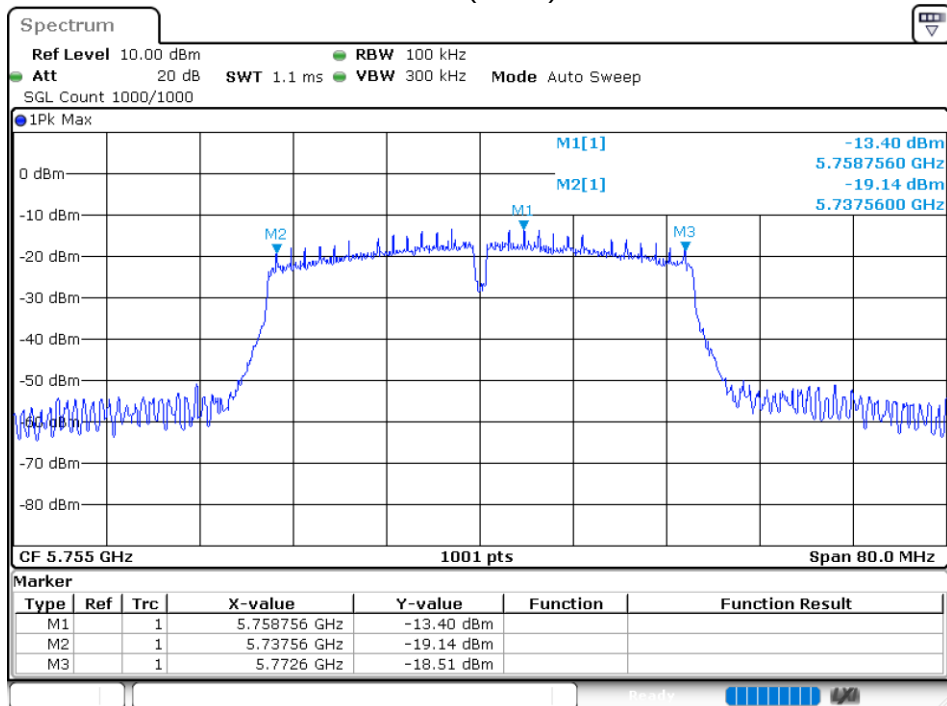
EBW NVNT 802.11n(HT20) 5785MHz Ant1



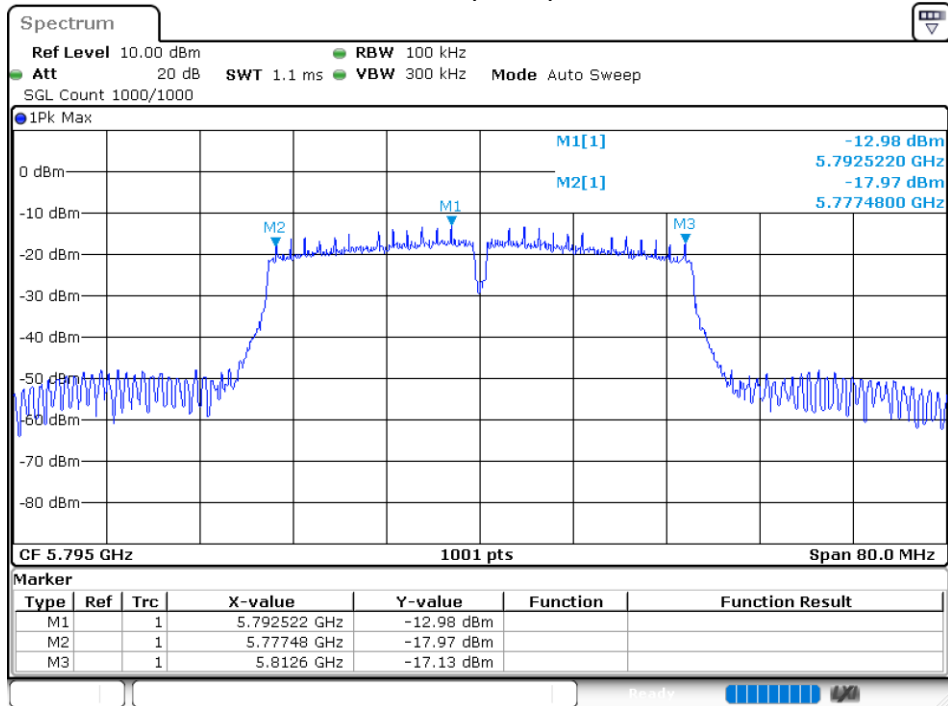
EBW NVNT 802.11n(HT20) 5825MHz Ant1



EBW NVNT 802.11n(HT40) 5755MHz Ant1



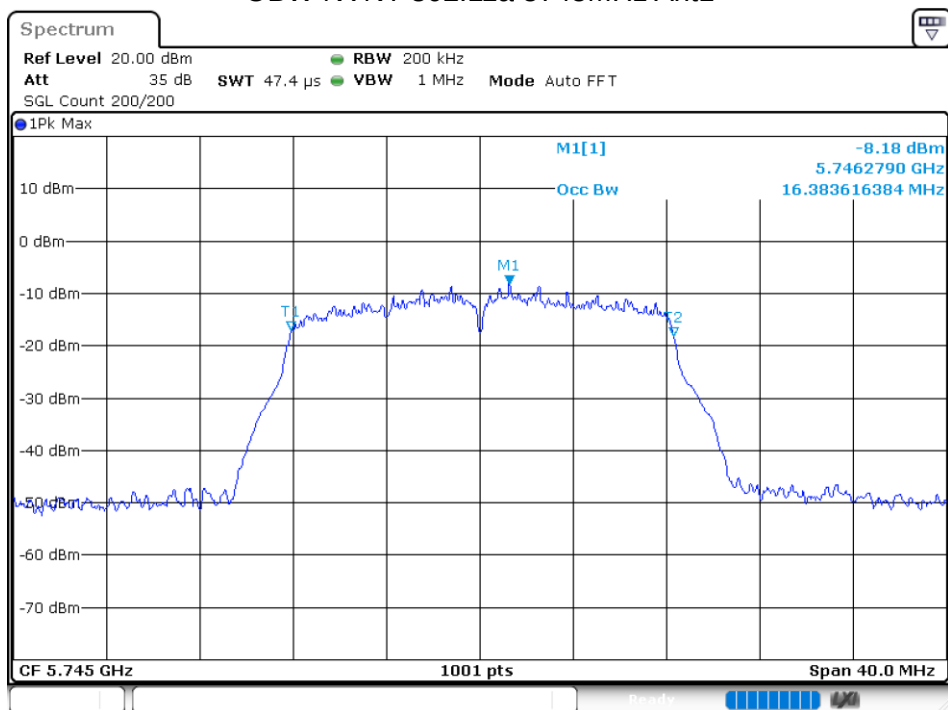
EBW NVNT 802.11n(HT40) 5795MHz Ant1



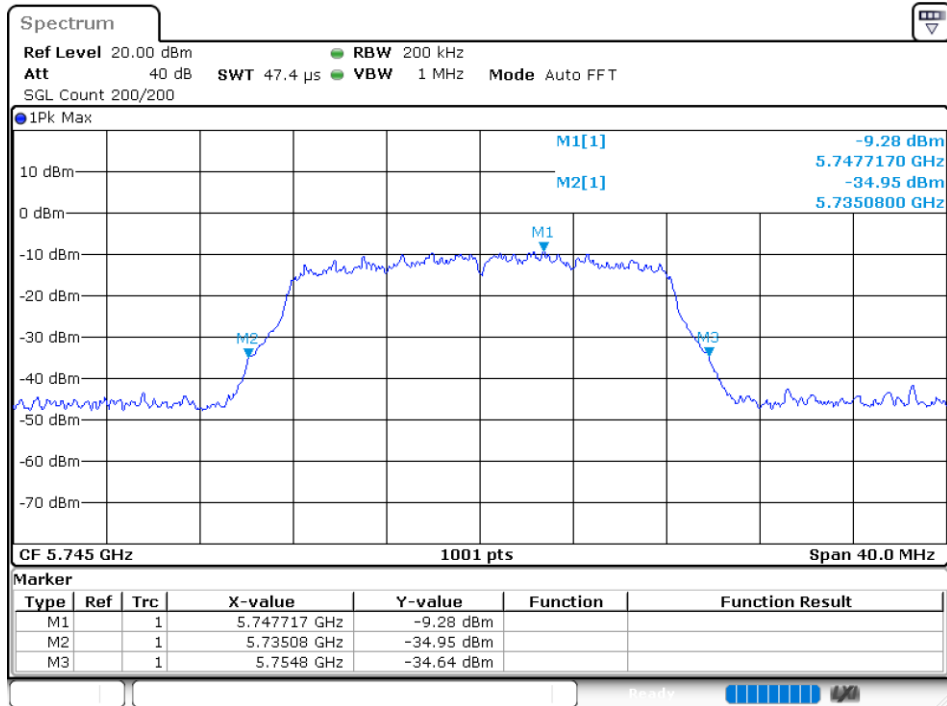
5.4 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	16.3836	19.72	Pass
NVNT	802.11a	5785	Ant 1	16.4635	20	Pass
NVNT	802.11a	5825	Ant 1	16.3836	19.4	Pass
NVNT	802.11ac20	5745	Ant 1	17.5025	19.84	Pass
NVNT	802.11ac20	5785	Ant 1	17.5425	20.24	Pass
NVNT	802.11ac20	5825	Ant 1	17.5824	19.92	Pass
NVNT	802.11ac40	5755	Ant 1	36.044	40.32	Pass
NVNT	802.11ac40	5795	Ant 1	36.2837	41.04	Pass
NVNT	802.11ac80	5775	Ant 1	74.965	80.32	Pass
NVNT	802.11n(HT20)	5745	Ant 1	17.5824	20	Pass
NVNT	802.11n(HT20)	5785	Ant 1	17.5025	19.88	Pass
NVNT	802.11n(HT20)	5825	Ant 1	17.5425	20.12	Pass
NVNT	802.11n(HT40)	5755	Ant 1	36.1239	40.48	Pass
NVNT	802.11n(HT40)	5795	Ant 1	36.5235	40.88	Pass

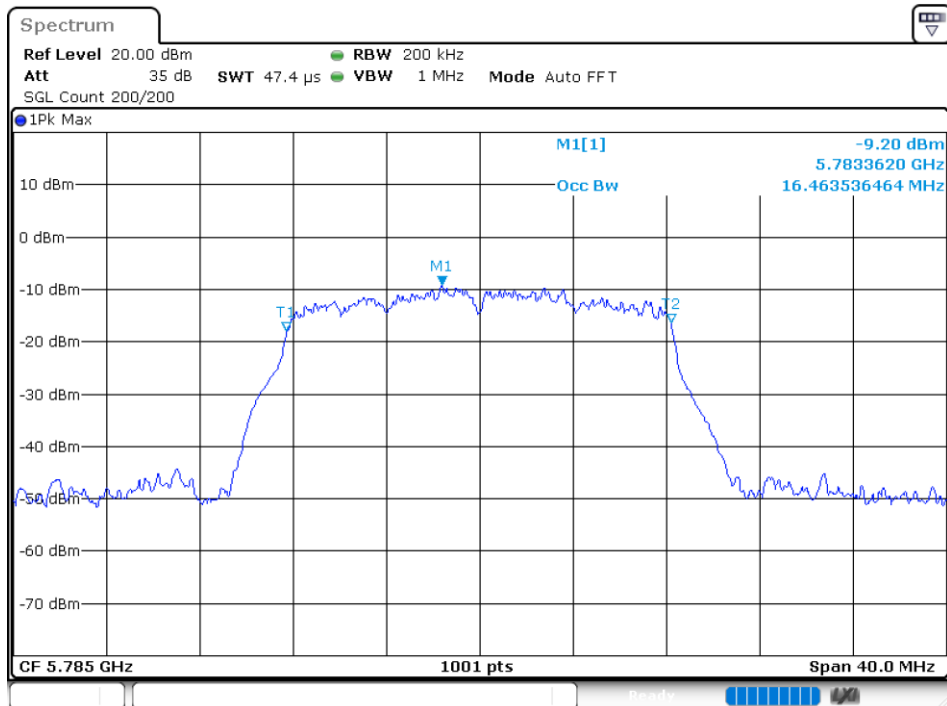
OBW NVNT 802.11a 5745MHz Ant1



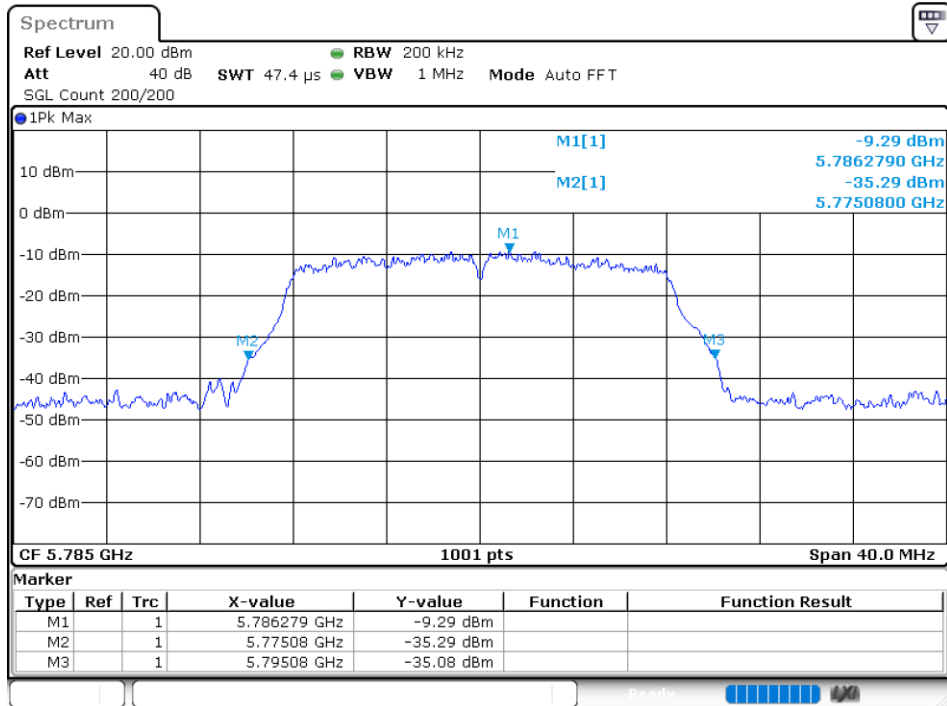
-26 dB BW NVNT 802.11a 5745MHz Ant1



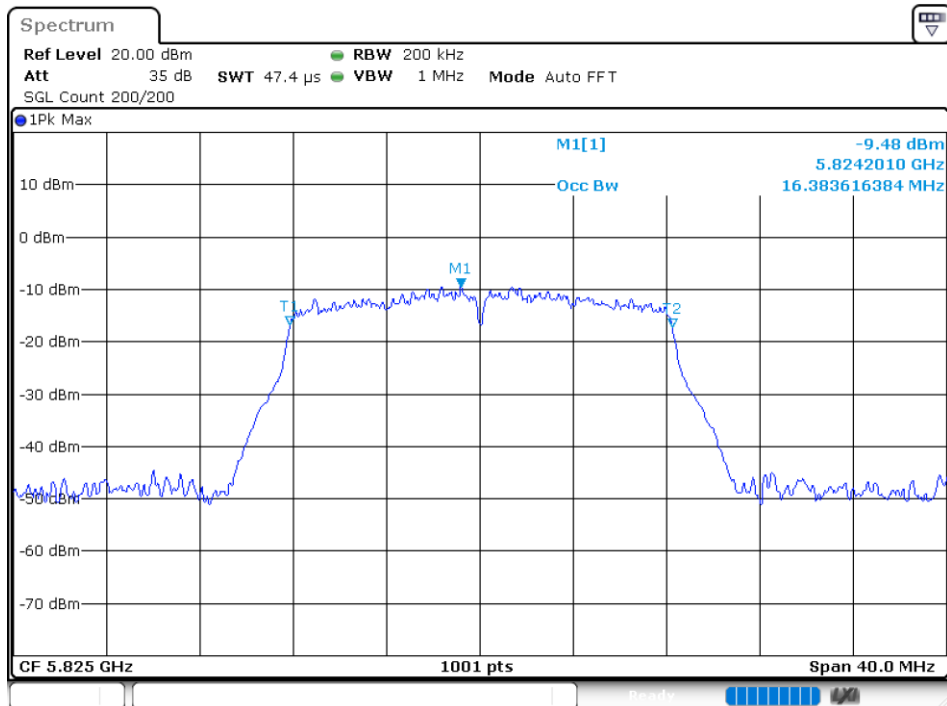
OBW NVNT 802.11a 5785MHz Ant1



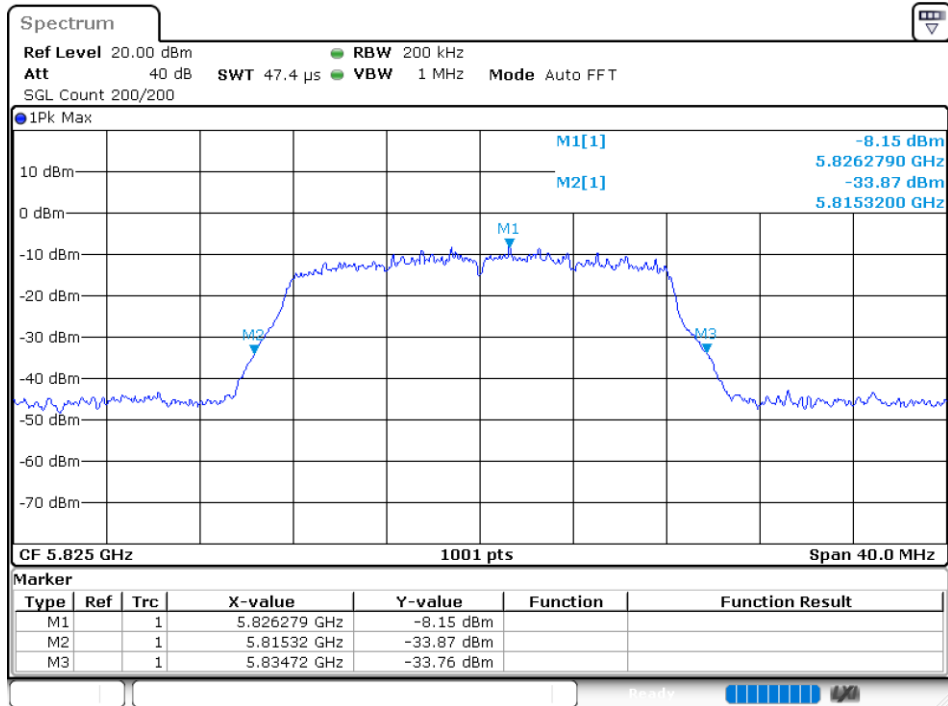
-26 dB BW NVNT 802.11a 5785MHz Ant1



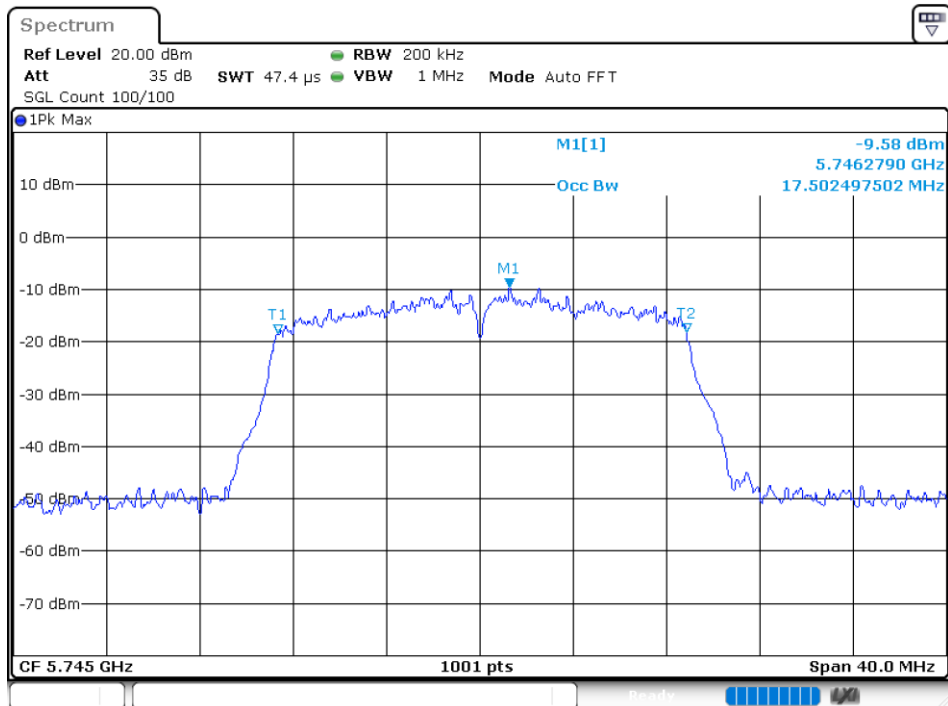
OBW NVNT 802.11a 5825MHz Ant1



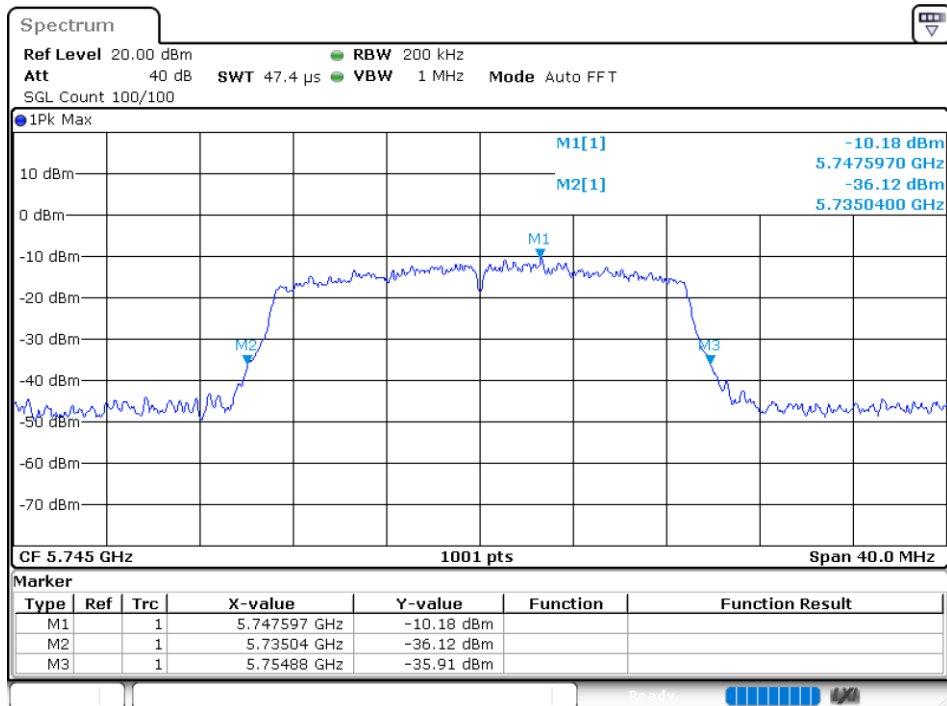
-26 dB BW NVNT 802.11a 5825MHz Ant1



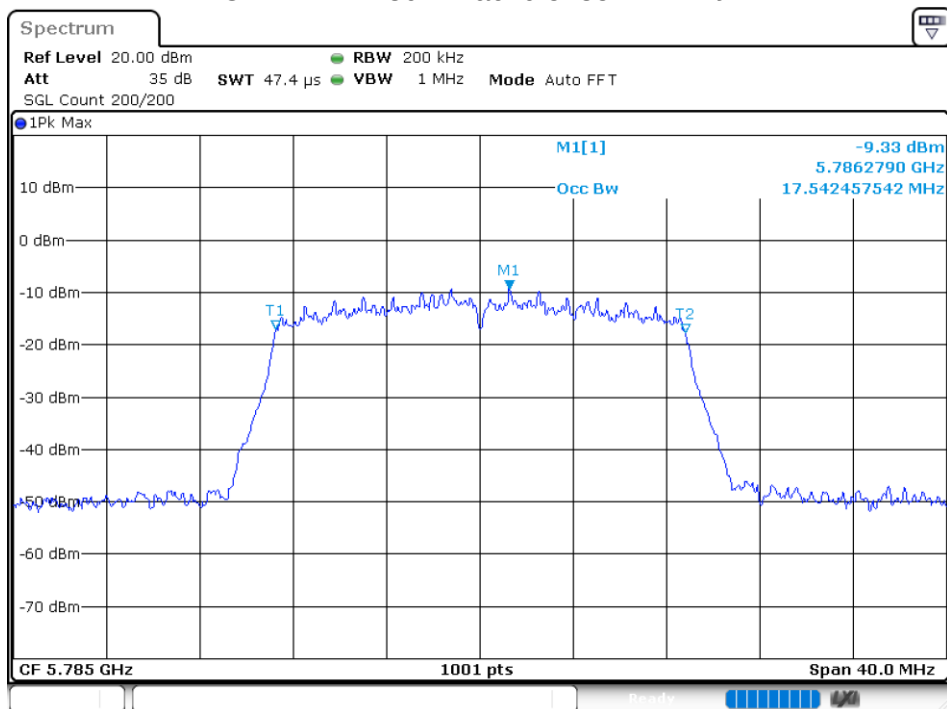
OBW NVNT 802.11ac20 5745MHz Ant1



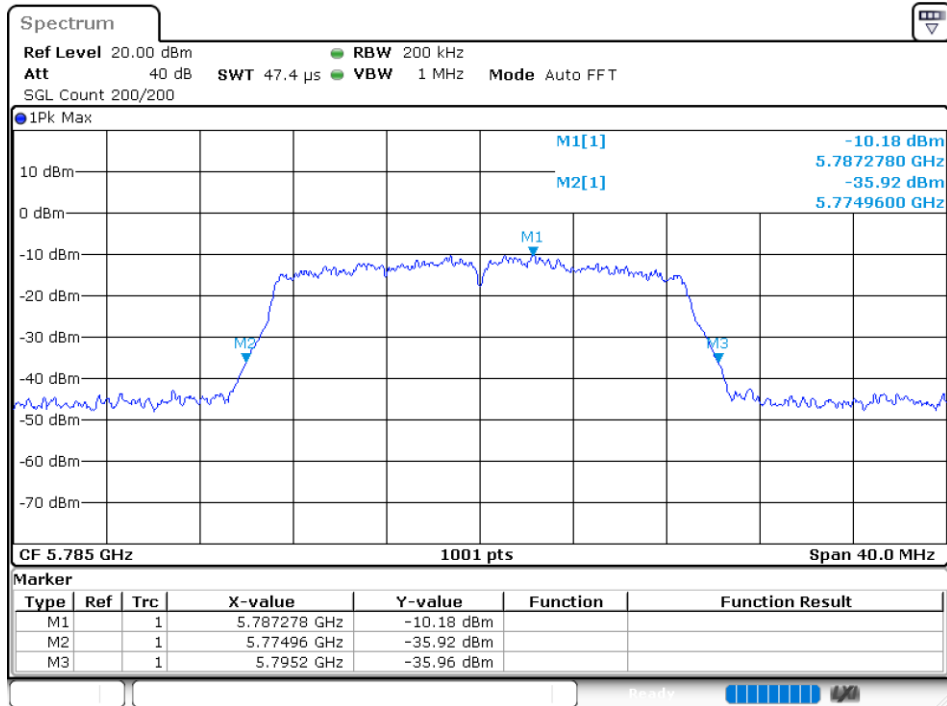
-26 dB BW NVNT 802.11ac20 5745MHz Ant1



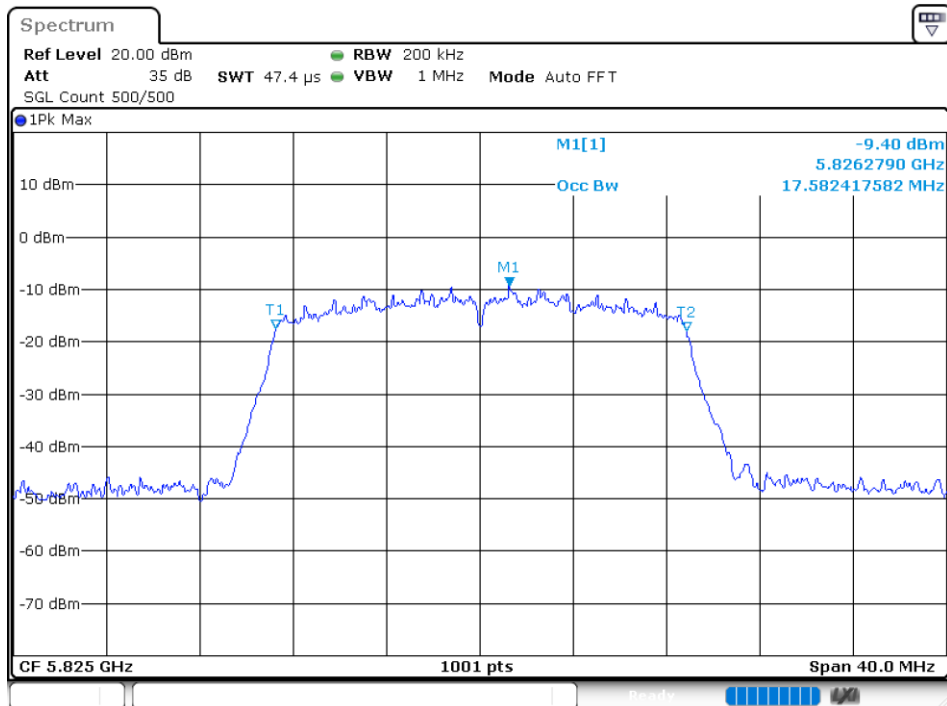
OBW NVNT 802.11ac20 5785MHz Ant1



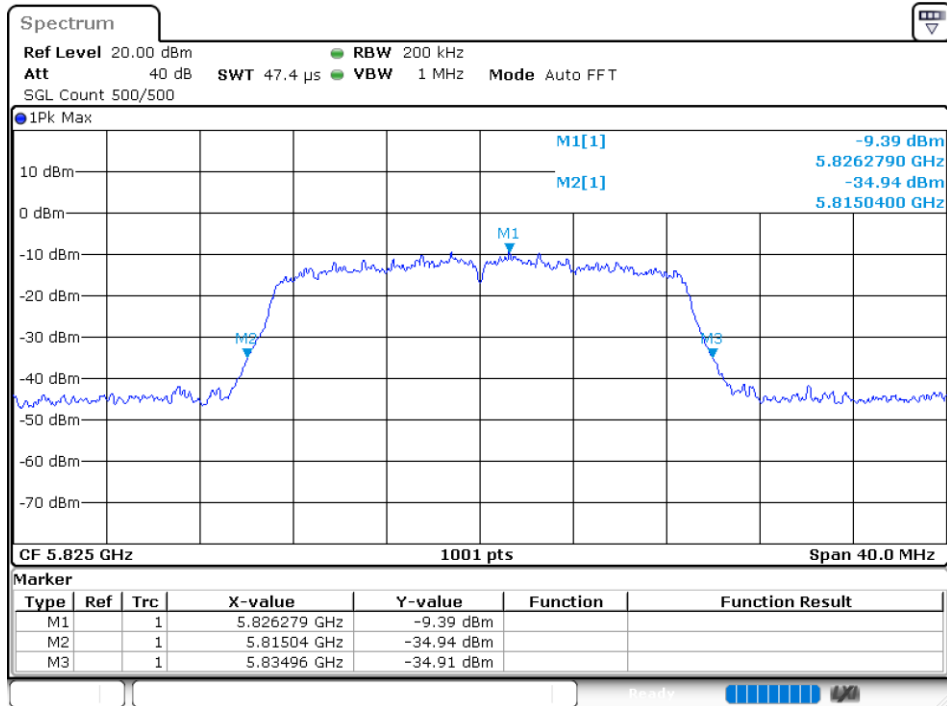
-26 dB BW NVNT 802.11ac20 5785MHz Ant1



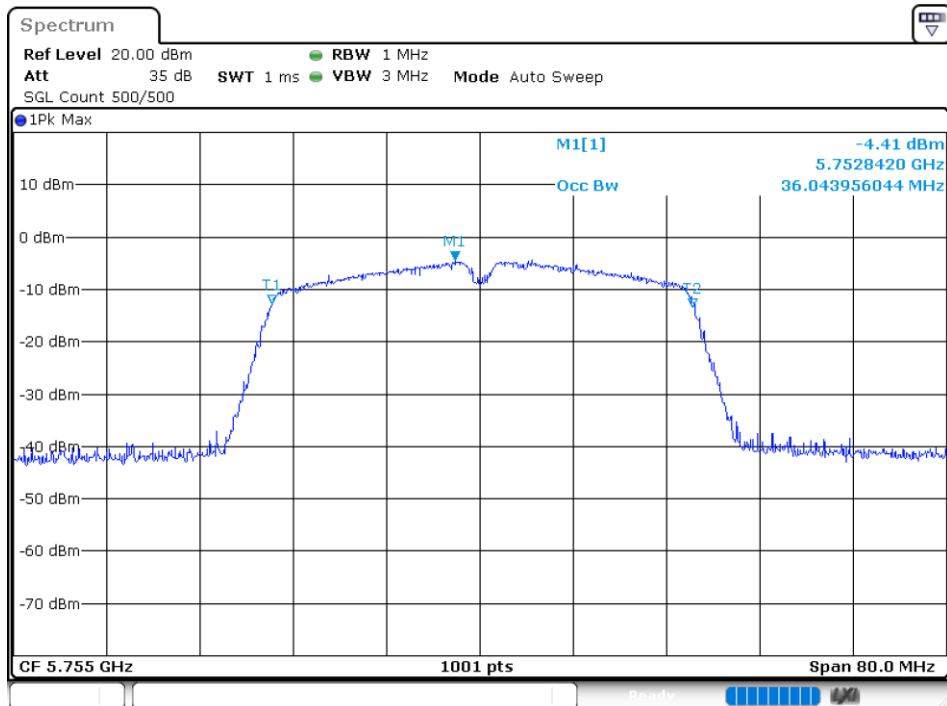
OBW NVNT 802.11ac20 5825MHz Ant1



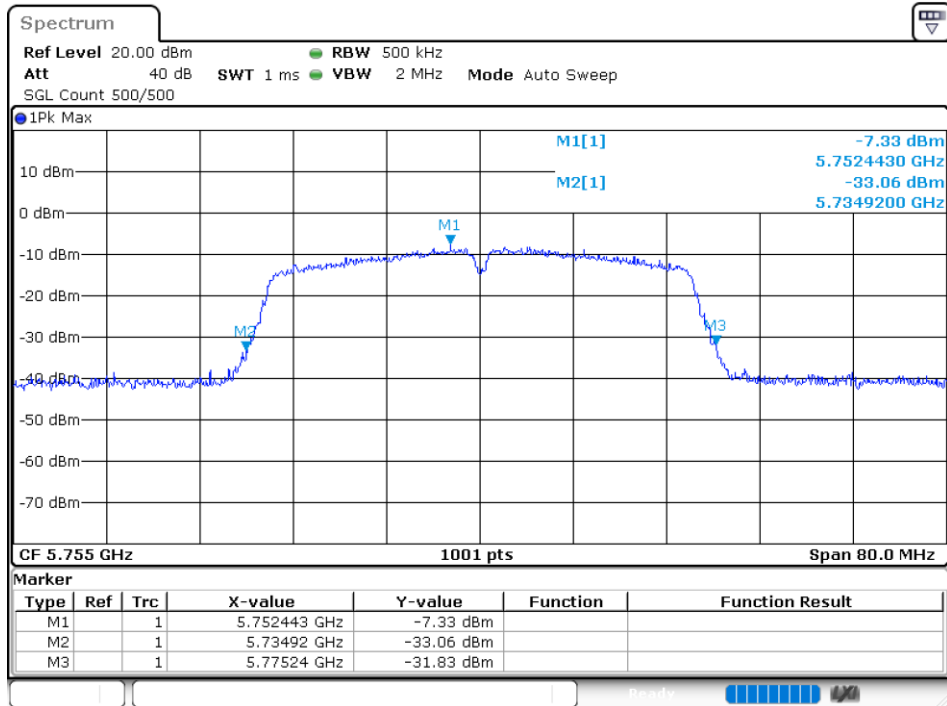
-26 dB BW NVNT 802.11ac20 5825MHz Ant1



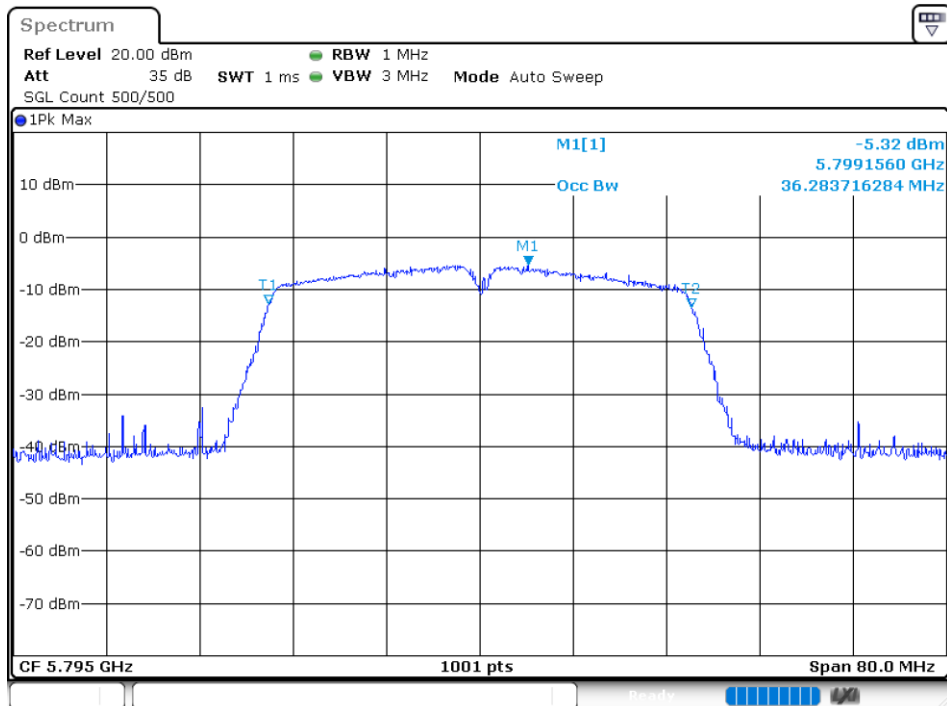
OBW NVNT 802.11ac40 5755MHz Ant1



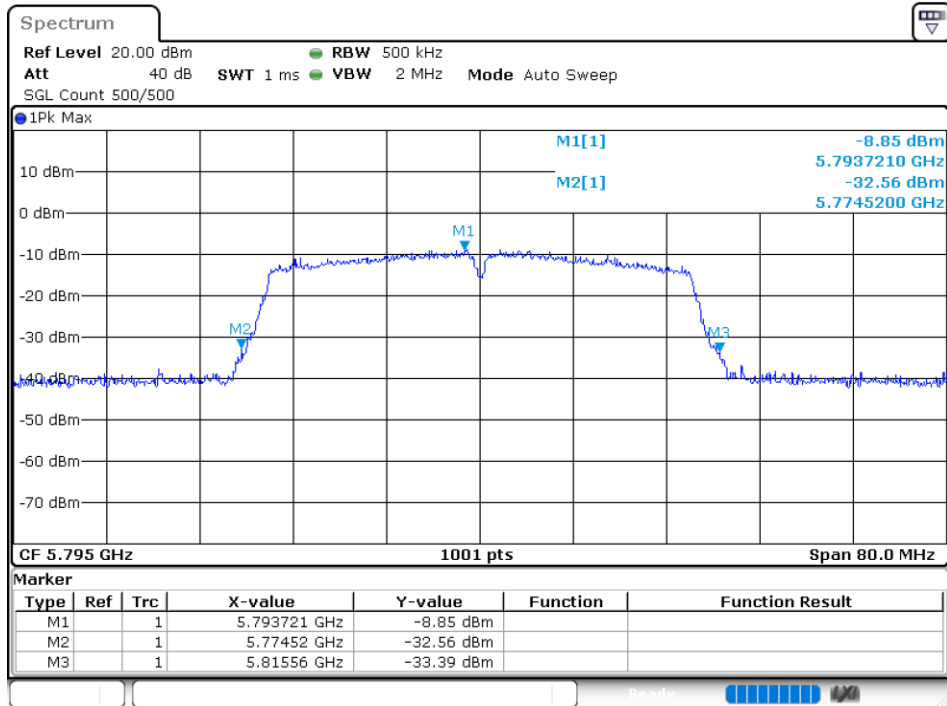
-26 dB BW NVNT 802.11ac40 5755MHz Ant1



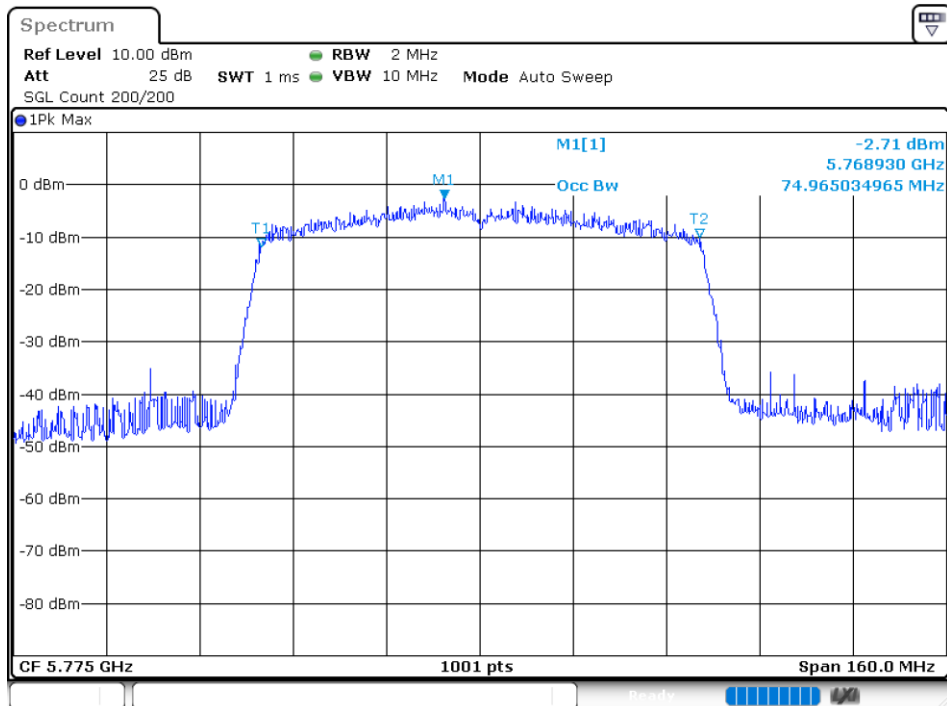
OBW NVNT 802.11ac40 5795MHz Ant1



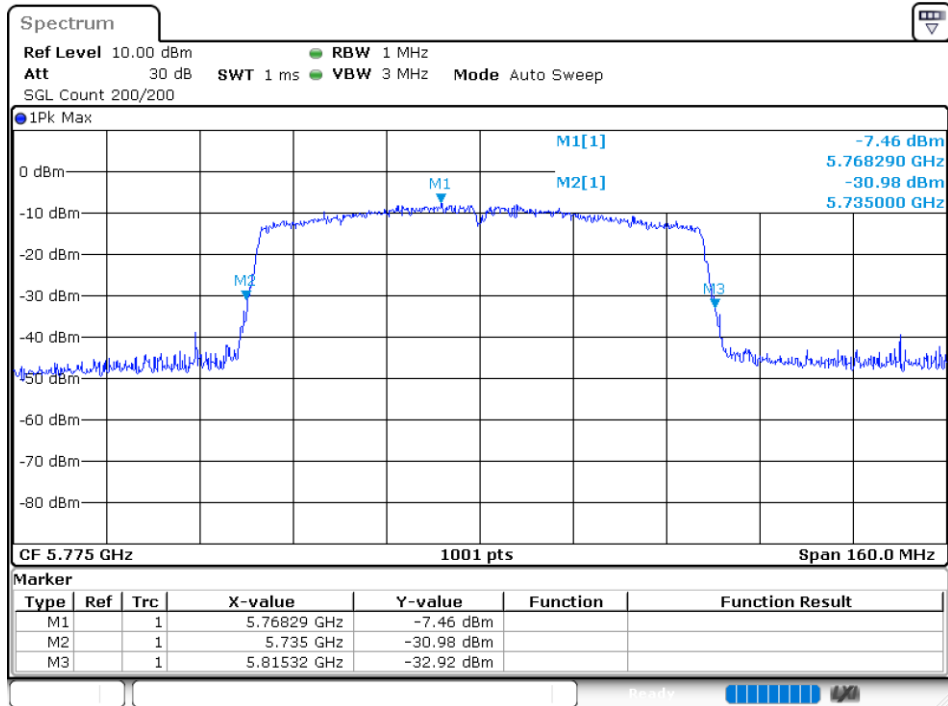
-26 dB BW NVNT 802.11ac40 5795MHz Ant1



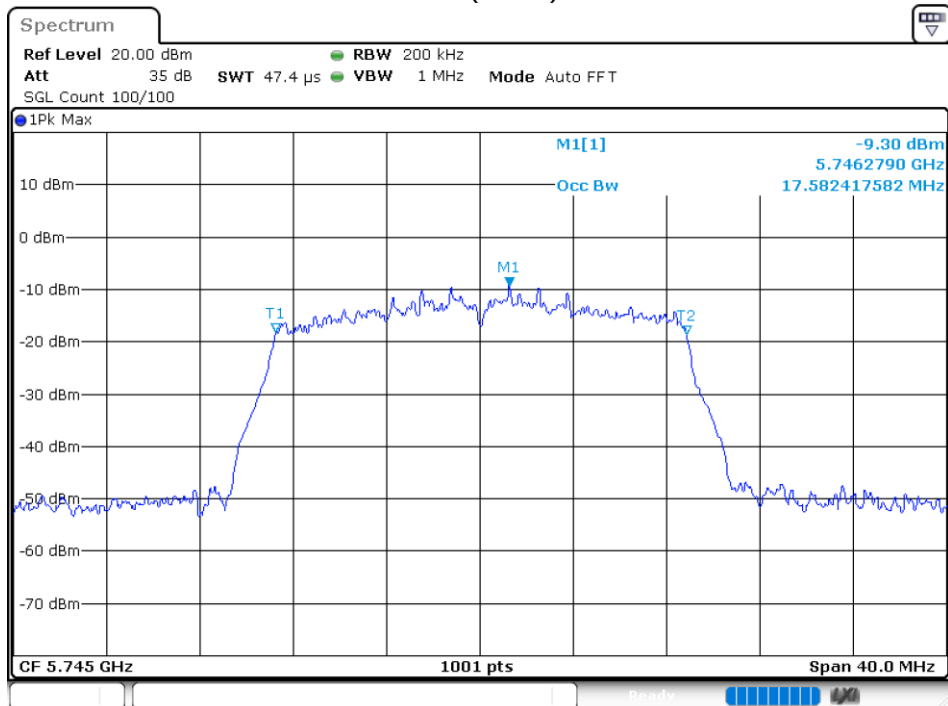
OBW NVNT 802.11ac80 5775MHz Ant1



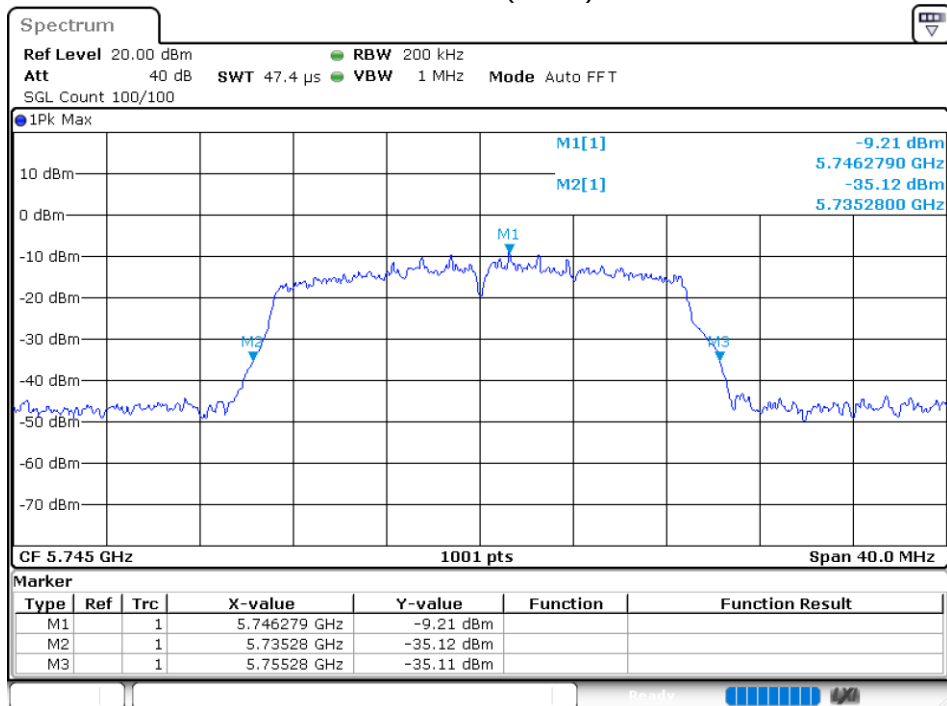
-26 dB BW NVNT 802.11ac80 5775MHz Ant1



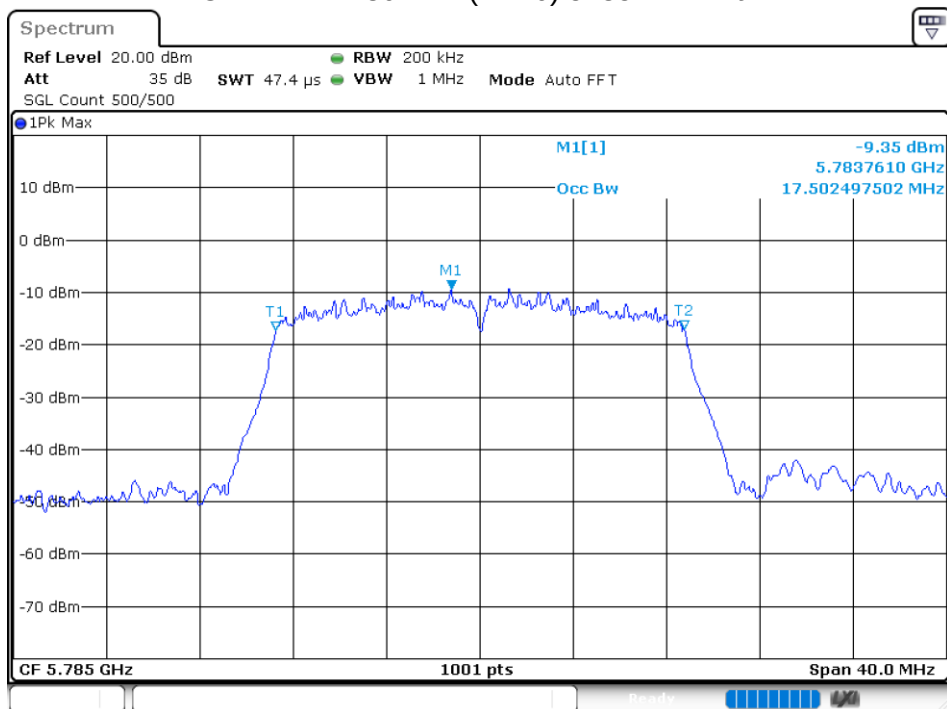
OBW NVNT 802.11n(HT20) 5745MHz Ant1



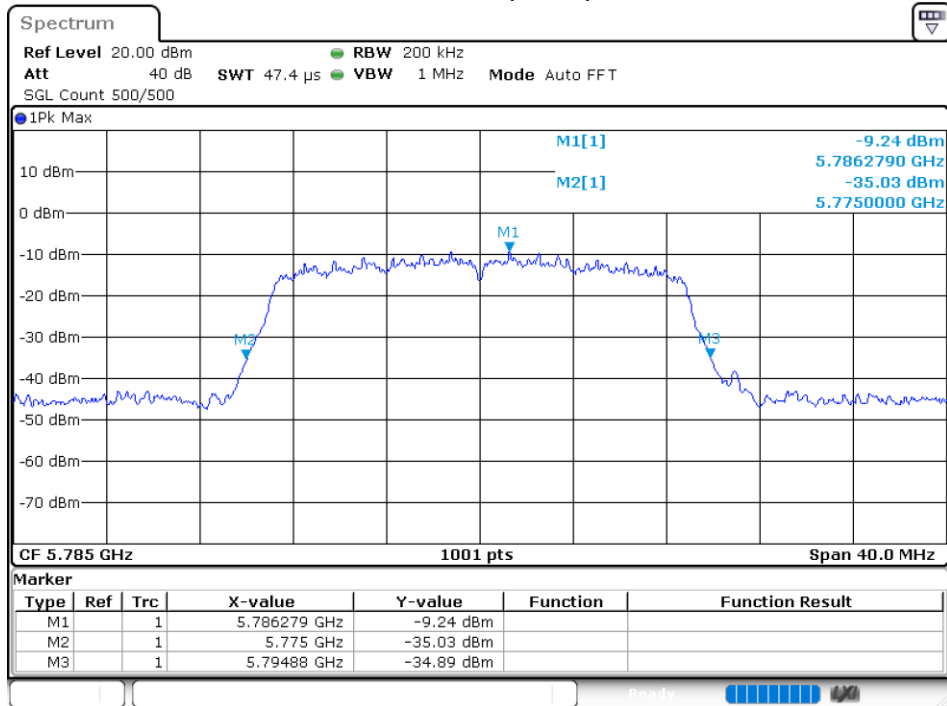
-26 dB BW NVNT 802.11n(HT20) 5745MHz Ant1



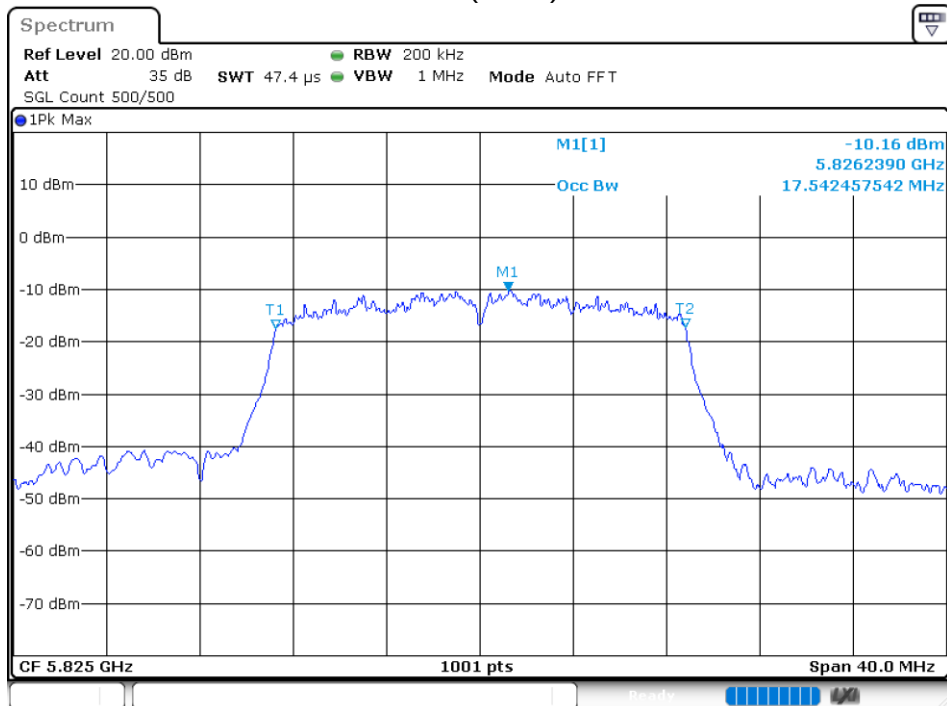
OBW NVNT 802.11n(HT20) 5785MHz Ant1



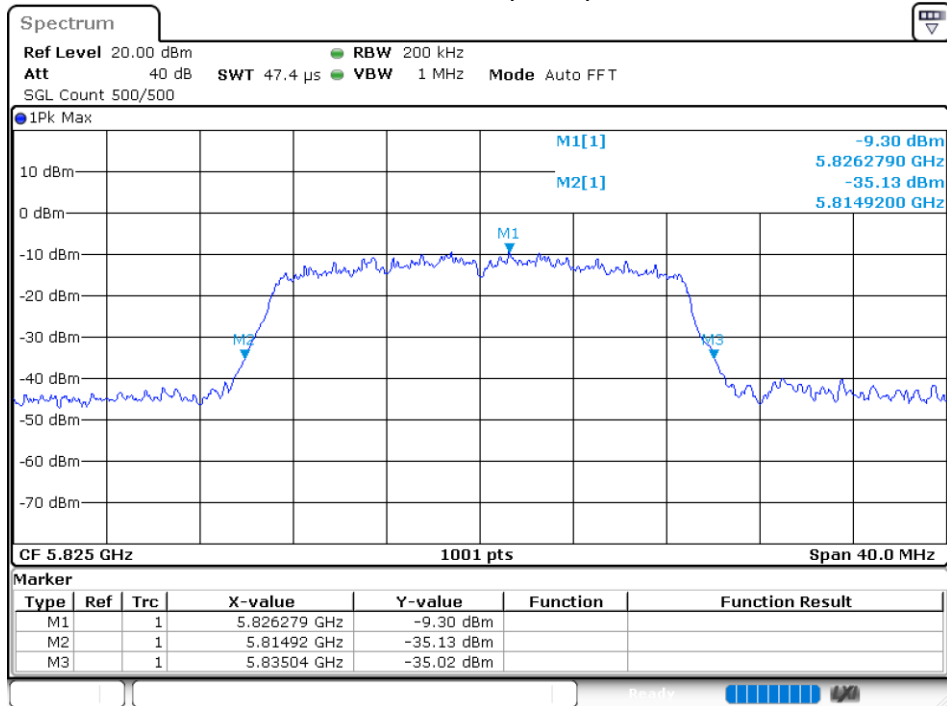
-26 dB BW NVNT 802.11n(HT20) 5785MHz Ant1



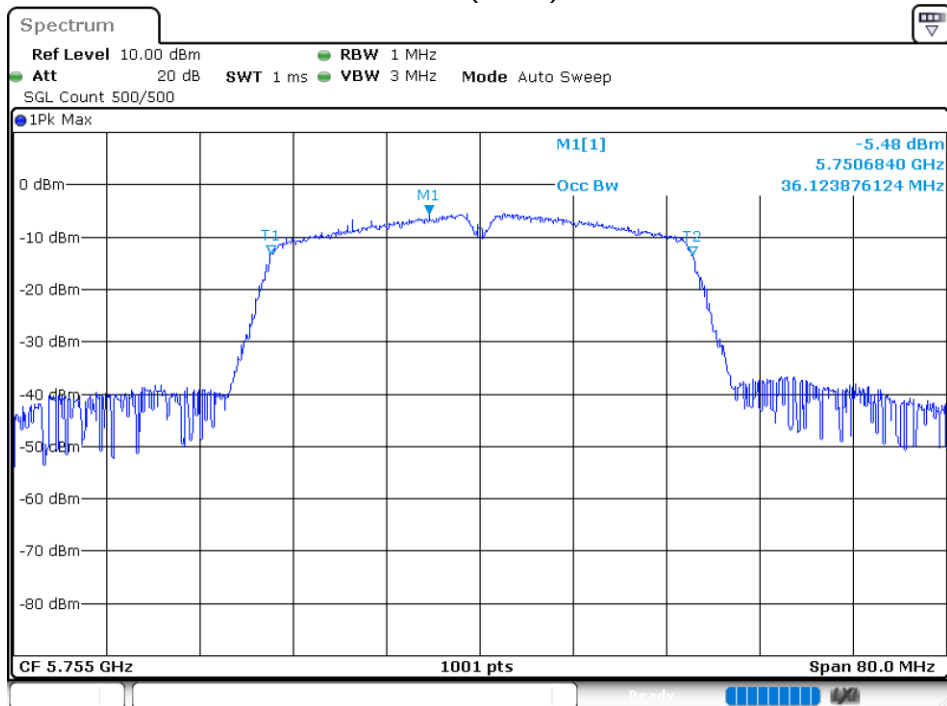
OBW NVNT 802.11n(HT20) 5825MHz Ant1



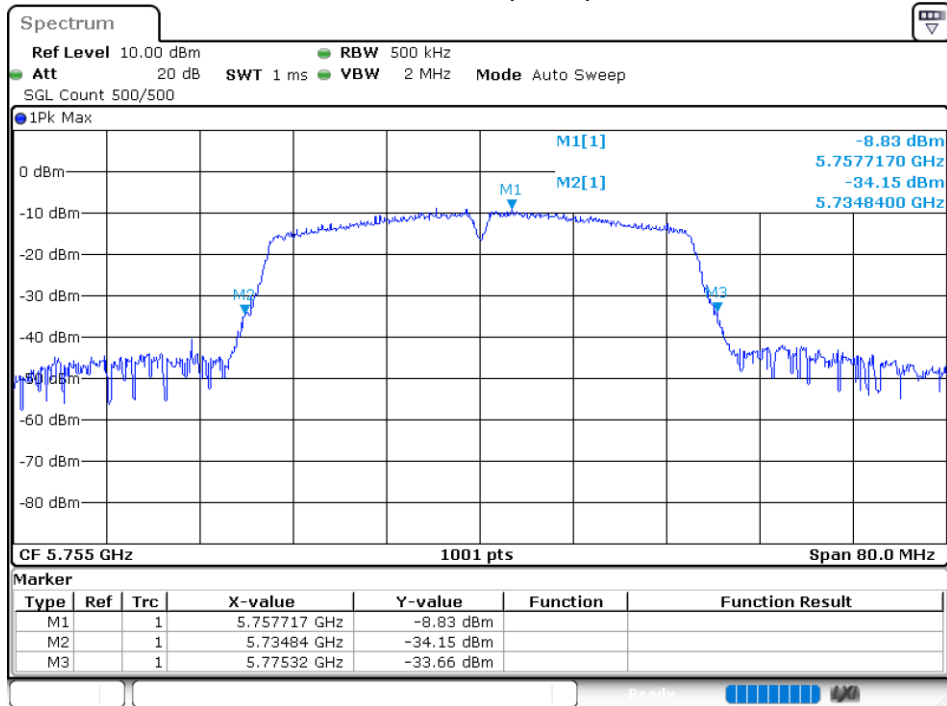
-26 dB BW NVNT 802.11n(HT20) 5825MHz Ant1



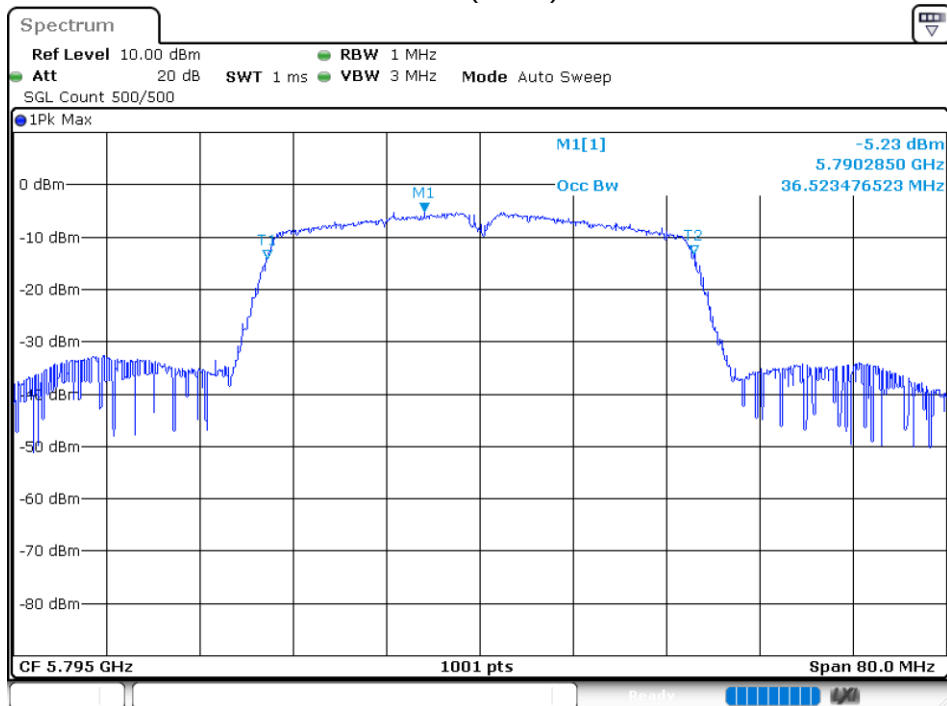
OBW NVNT 802.11n(HT40) 5755MHz Ant1

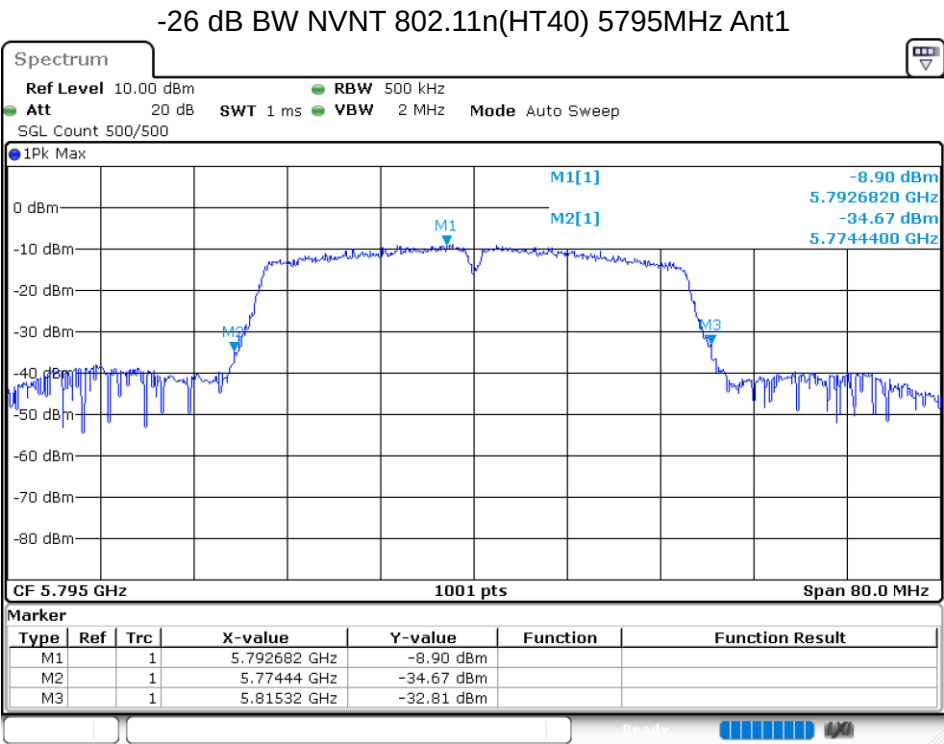


-26 dB BW NVNT 802.11n(HT40) 5755MHz Ant1



OBW NVNT 802.11n(HT40) 5795MHz Ant1

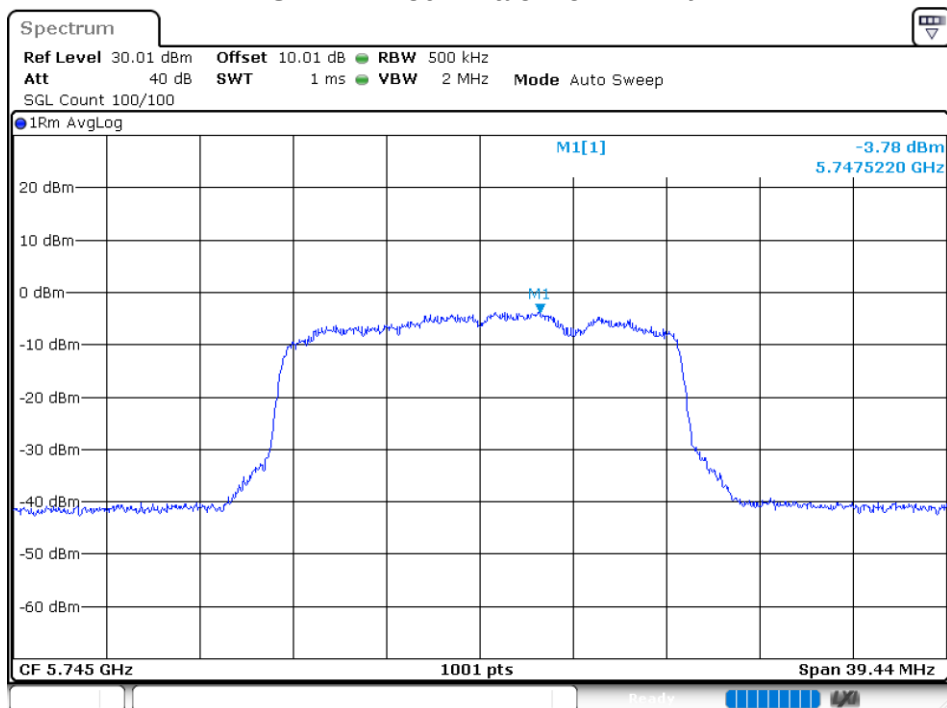




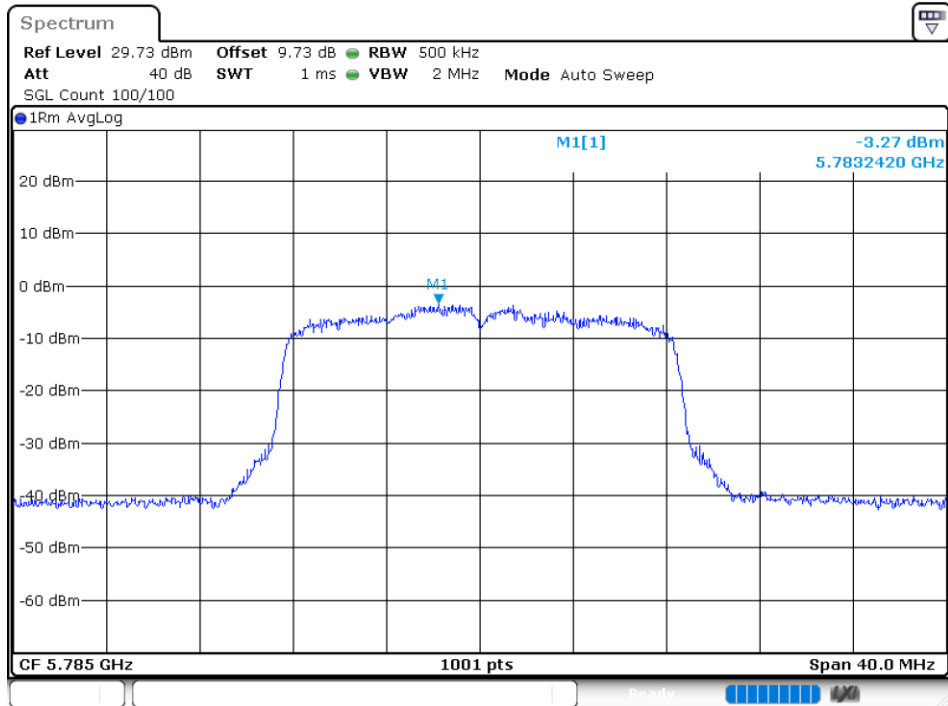
5.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-3.781	0.09	-3.691	30	Pass
NVNT	802.11a	5785	Ant 1	-3.269	0.09	-3.179	30	Pass
NVNT	802.11a	5825	Ant 1	-3.287	0.09	-3.197	30	Pass
NVNT	802.11ac20	5745	Ant 1	-5.778	0.09	-5.688	30	Pass
NVNT	802.11ac20	5785	Ant 1	-5.684	0.09	-5.594	30	Pass
NVNT	802.11ac20	5825	Ant 1	-5.826	0.1	-5.726	30	Pass
NVNT	802.11ac40	5755	Ant 1	-9.065	0.18	-8.885	30	Pass
NVNT	802.11ac40	5795	Ant 1	-9.278	0.18	-9.098	30	Pass
NVNT	802.11ac80	5775	Ant 1	-14.186	0.35	-13.836	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-5.409	0.1	-5.309	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-5.741	0.1	-5.641	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-5.748	0.1	-5.648	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-10.079	0.18	-9.899	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-10.028	0.18	-9.848	30	Pass

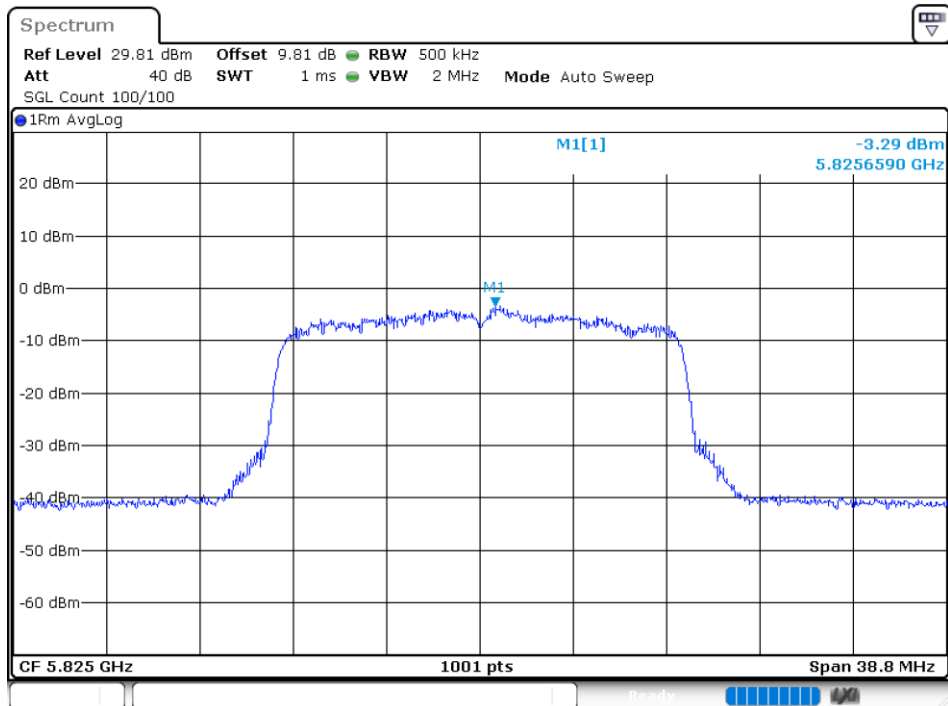
PSD NVNT 802.11a 5745MHz Ant1



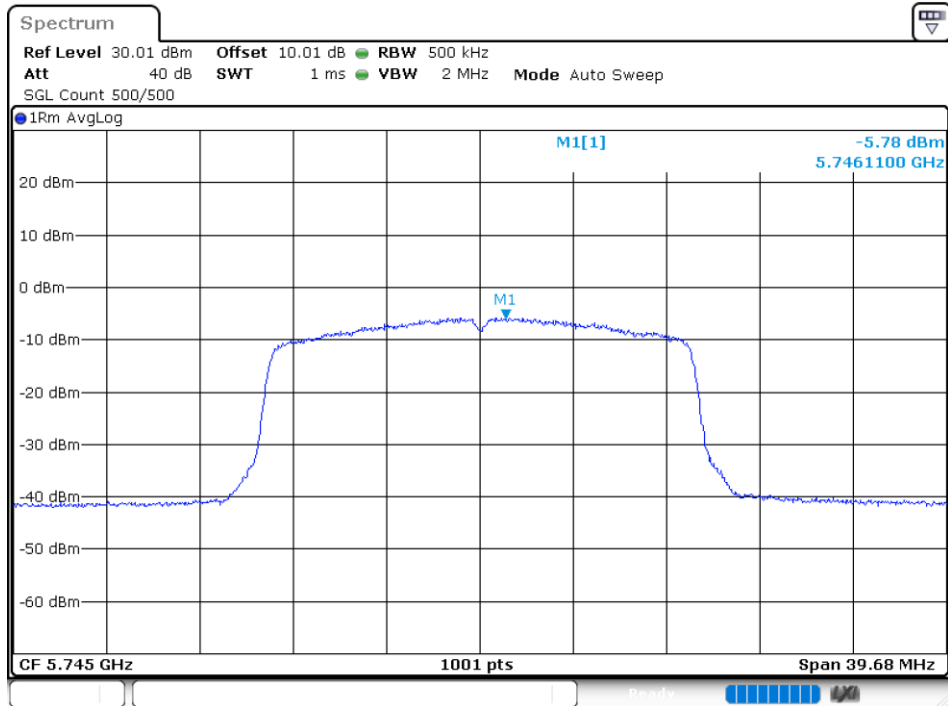
PSD NVNT 802.11a 5785MHz Ant1



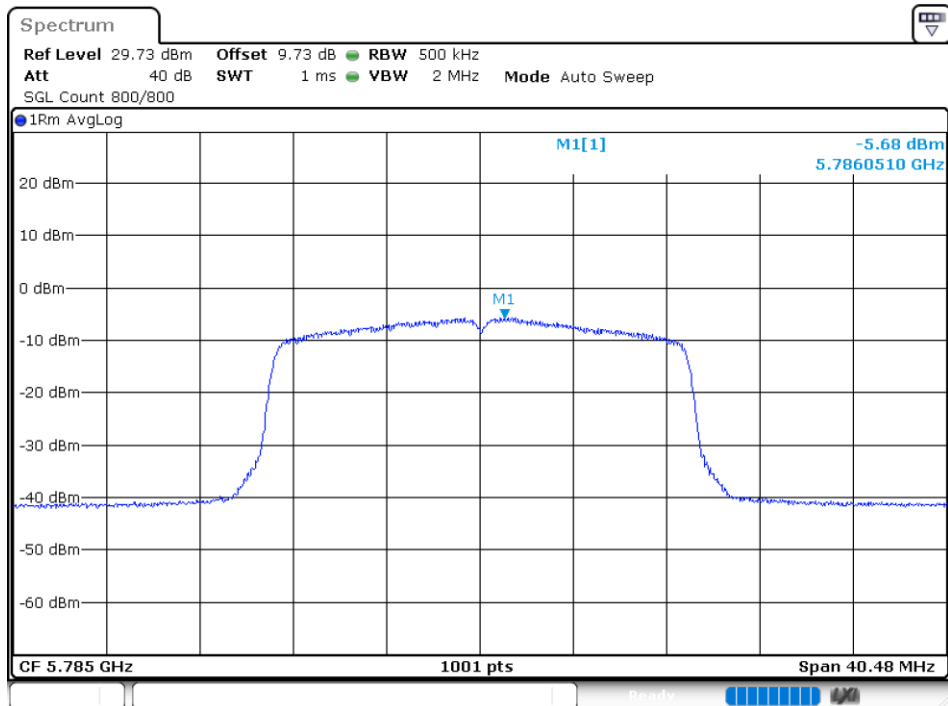
PSD NVNT 802.11a 5825MHz Ant1



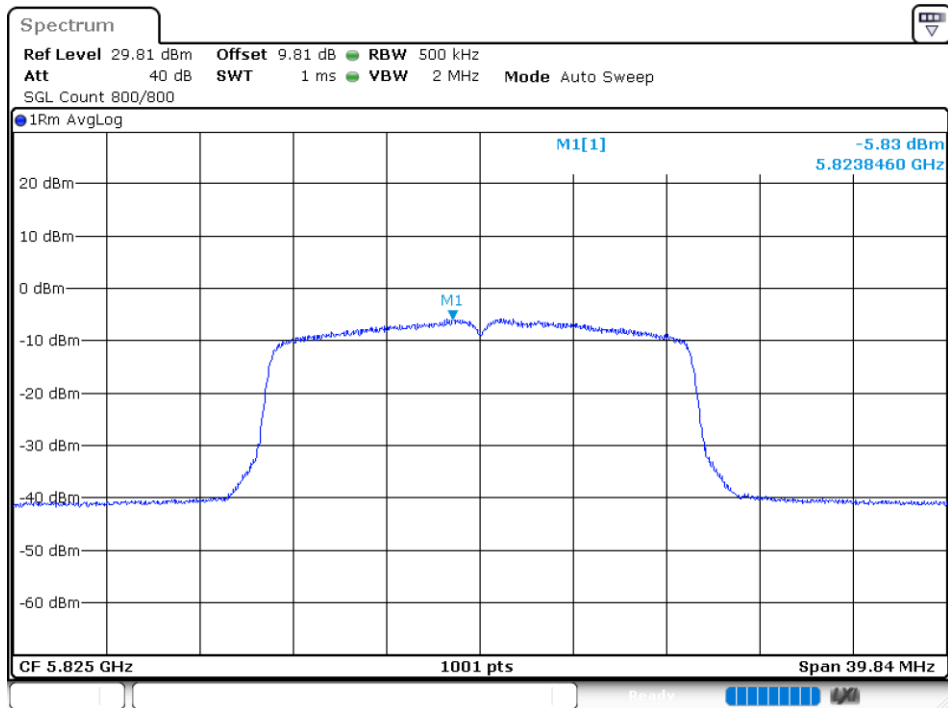
PSD NVNT 802.11ac20 5745MHz Ant1



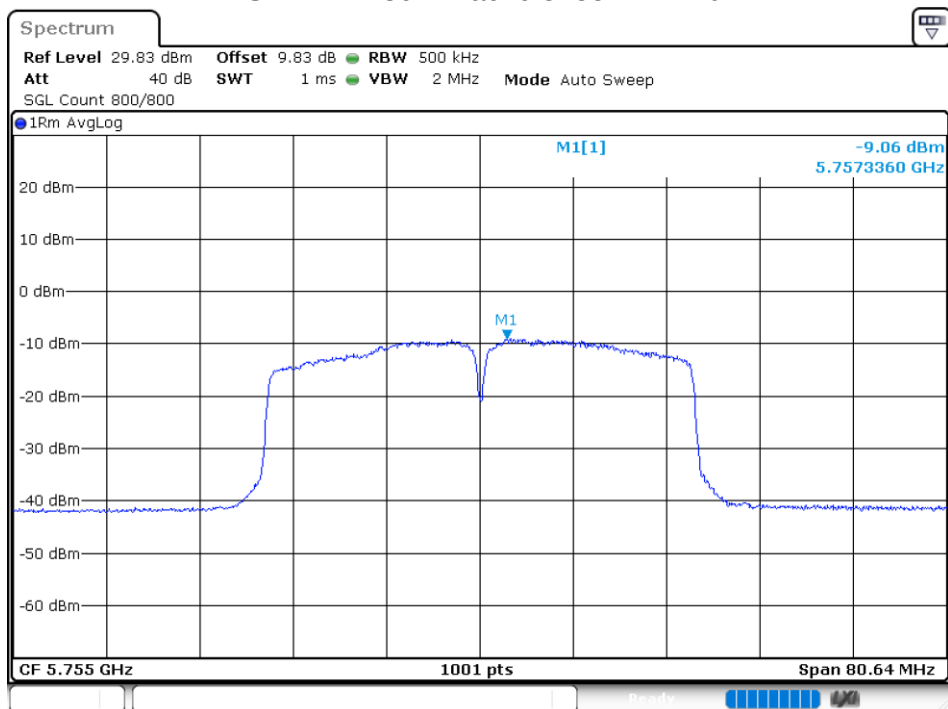
PSD NVNT 802.11ac20 5785MHz Ant1



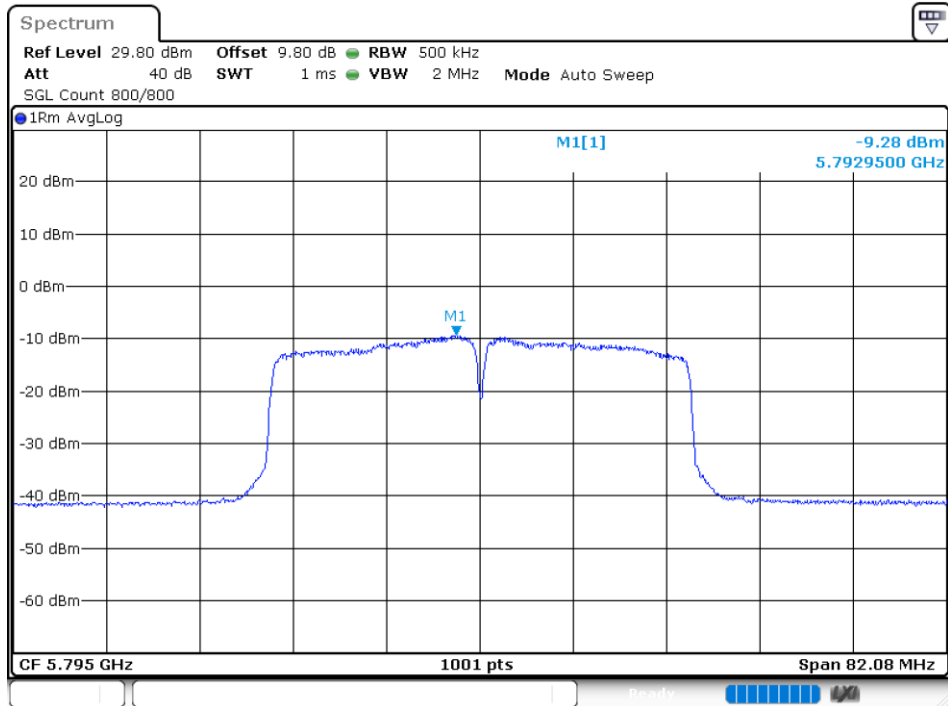
PSD NVNT 802.11ac20 5825MHz Ant1



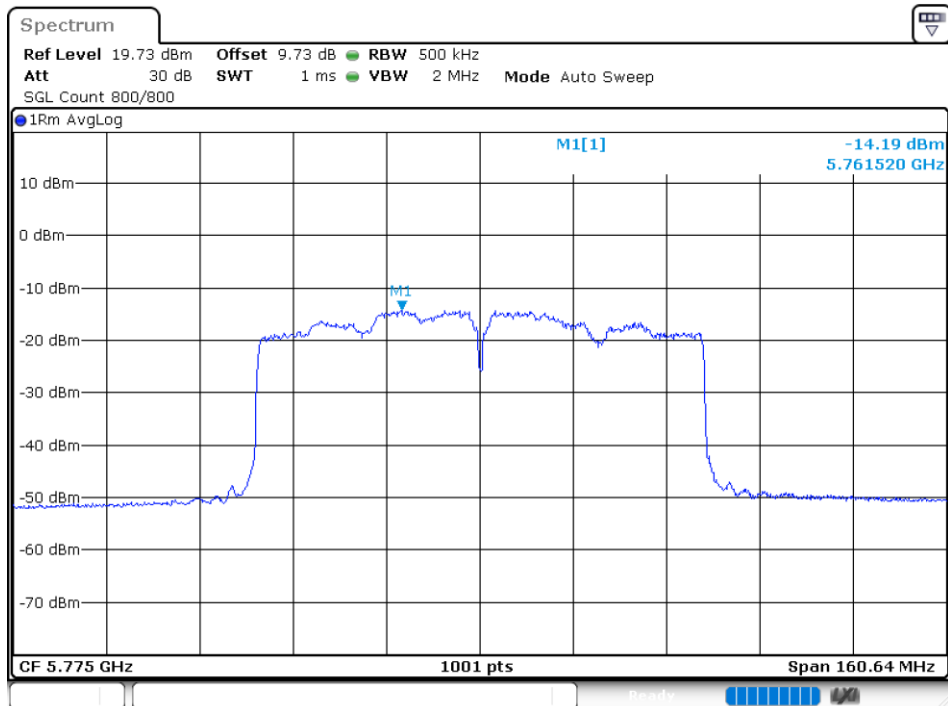
PSD NVNT 802.11ac40 5755MHz Ant1



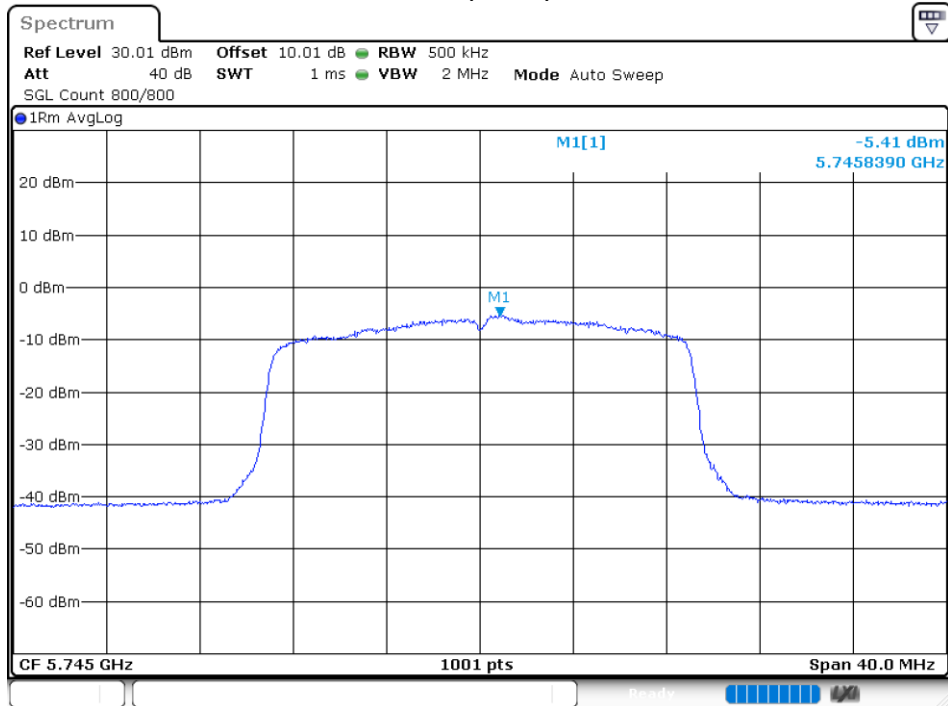
PSD NVNT 802.11ac40 5795MHz Ant1



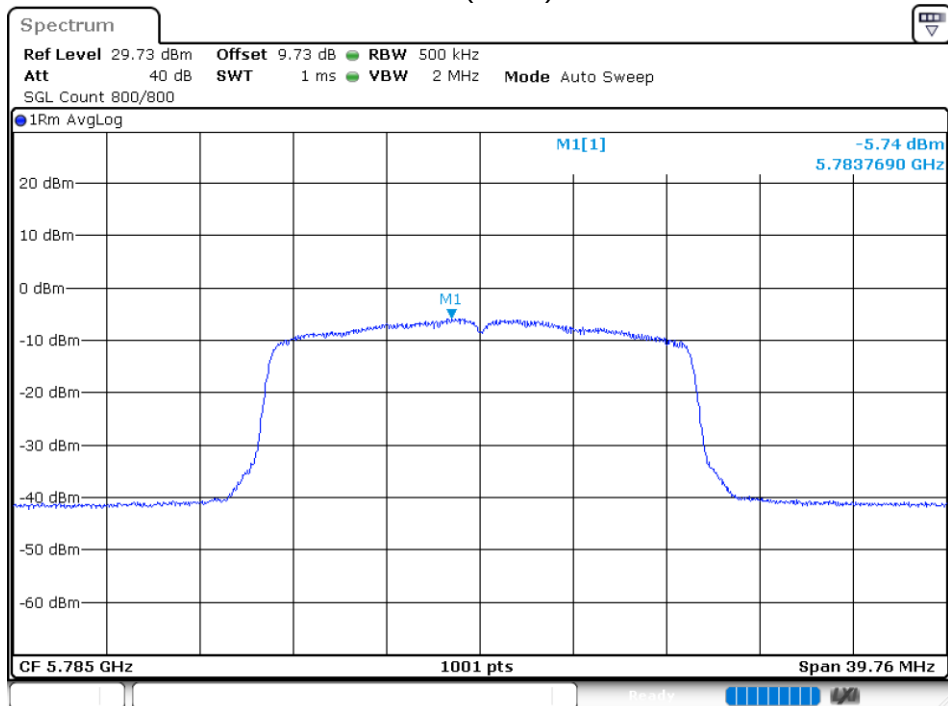
PSD NVNT 802.11ac80 5775MHz Ant1



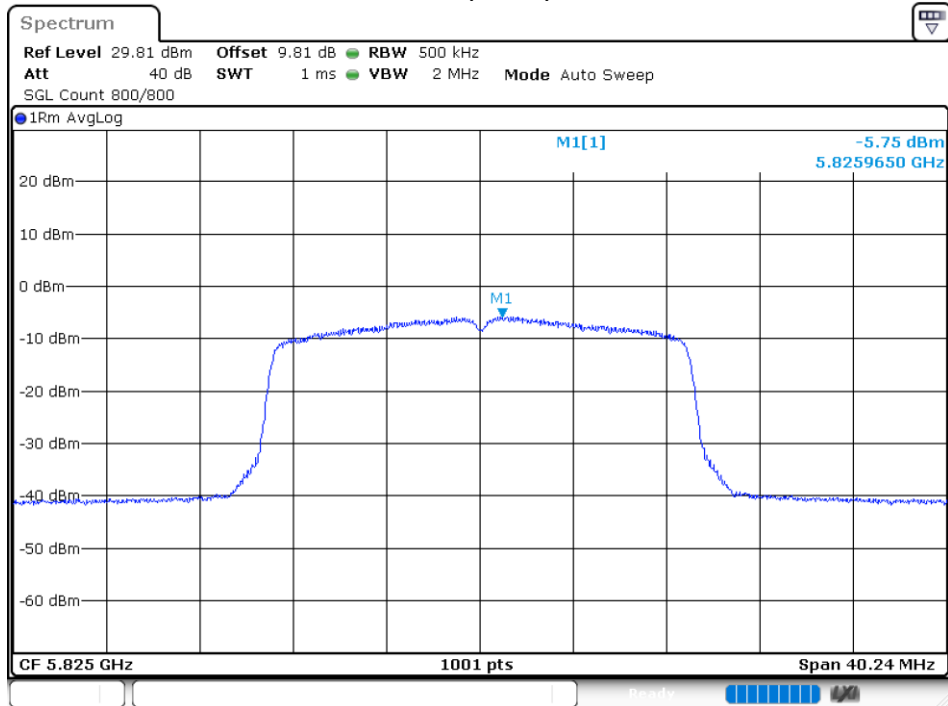
PSD NVNT 802.11n(HT20) 5745MHz Ant1



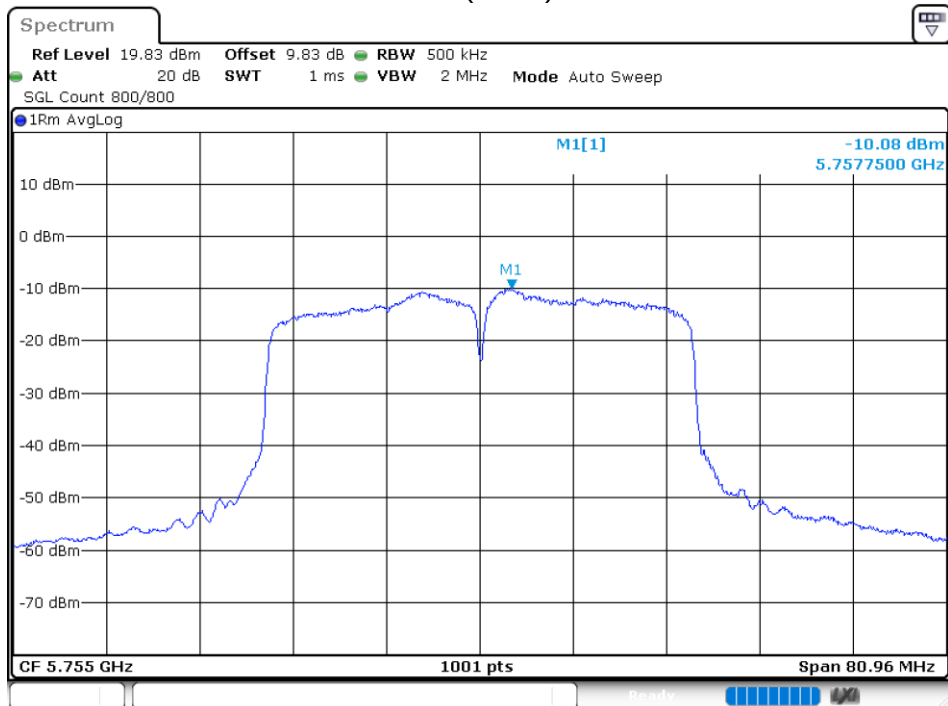
PSD NVNT 802.11n(HT20) 5785MHz Ant1



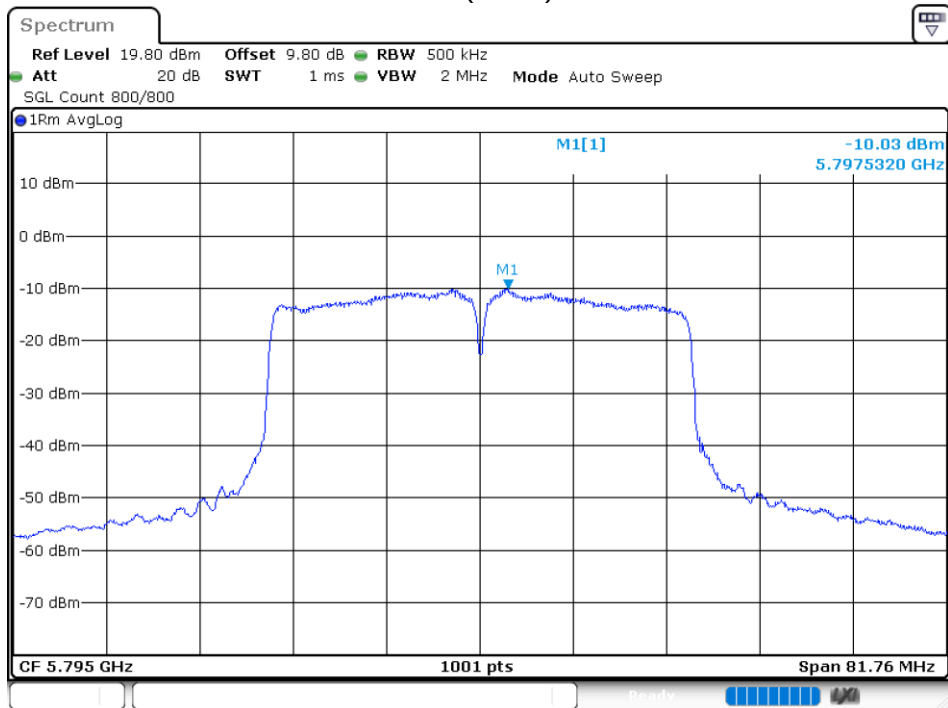
PSD NVNT 802.11n(HT20) 5825MHz Ant1



PSD NVNT 802.11n(HT40) 5755MHz Ant1



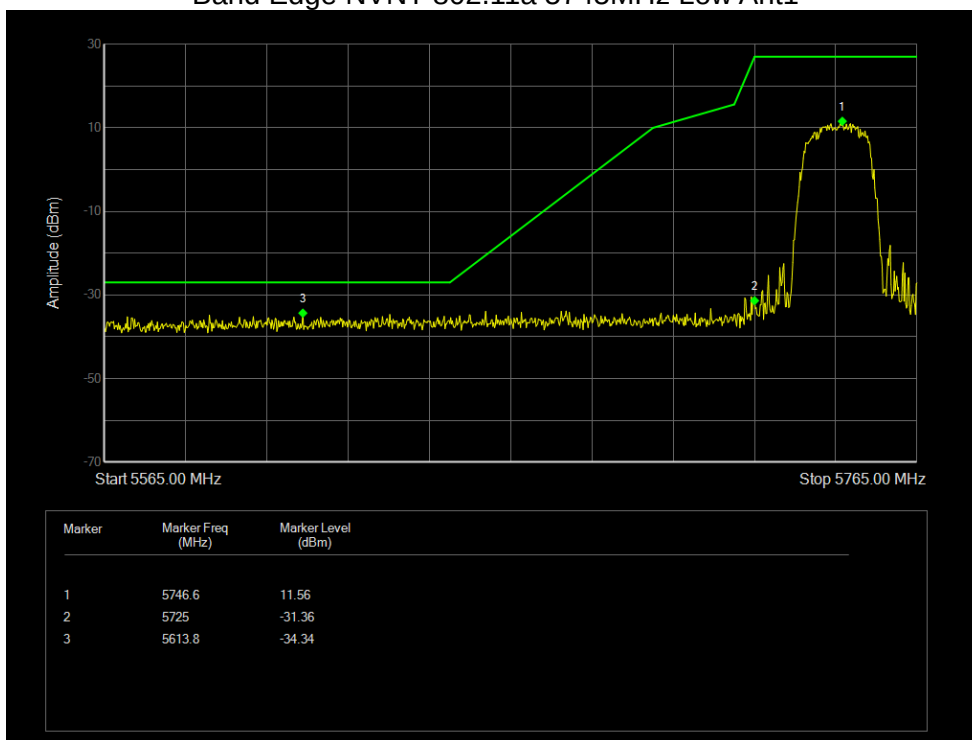
PSD NVNT 802.11n(HT40) 5795MHz Ant1



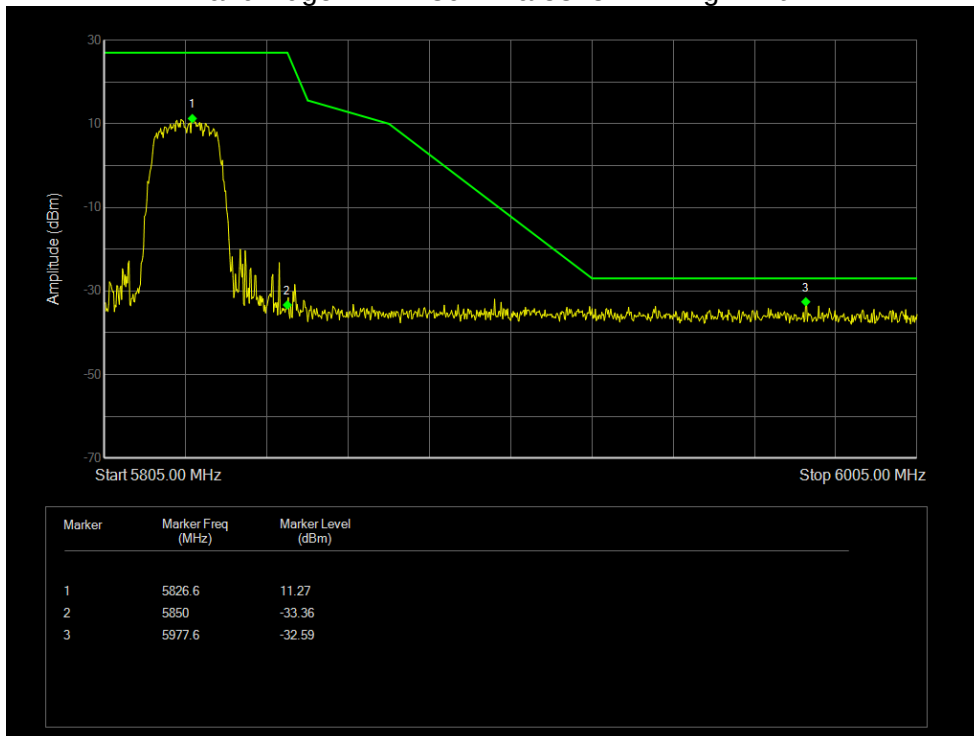
5.6 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-34.34	-27	Pass
NVNT	802.11a	5825	Ant 1	-32.59	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-34.7	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-32.37	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-34.75	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-33.32	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-35.63	-4.5	Pass
NVNT	802.11ac80	5775	Ant 1	-35.4	-23	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-34.38	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-33.9	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-33.99	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-34.06	-27	Pass

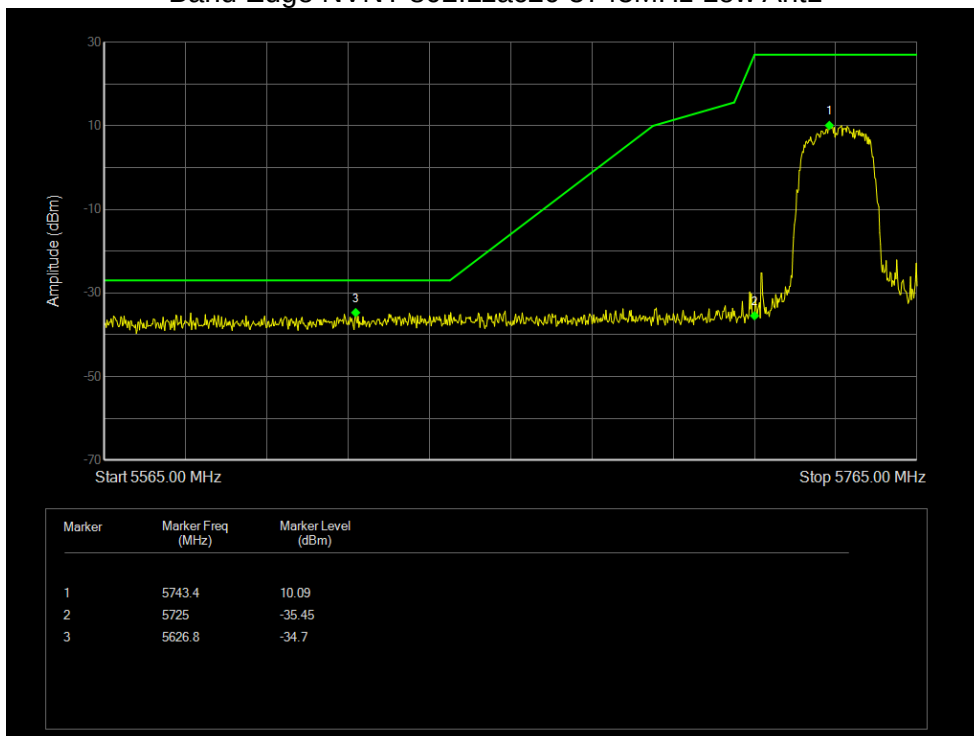
Band Edge NVNT 802.11a 5745MHz Low Ant1



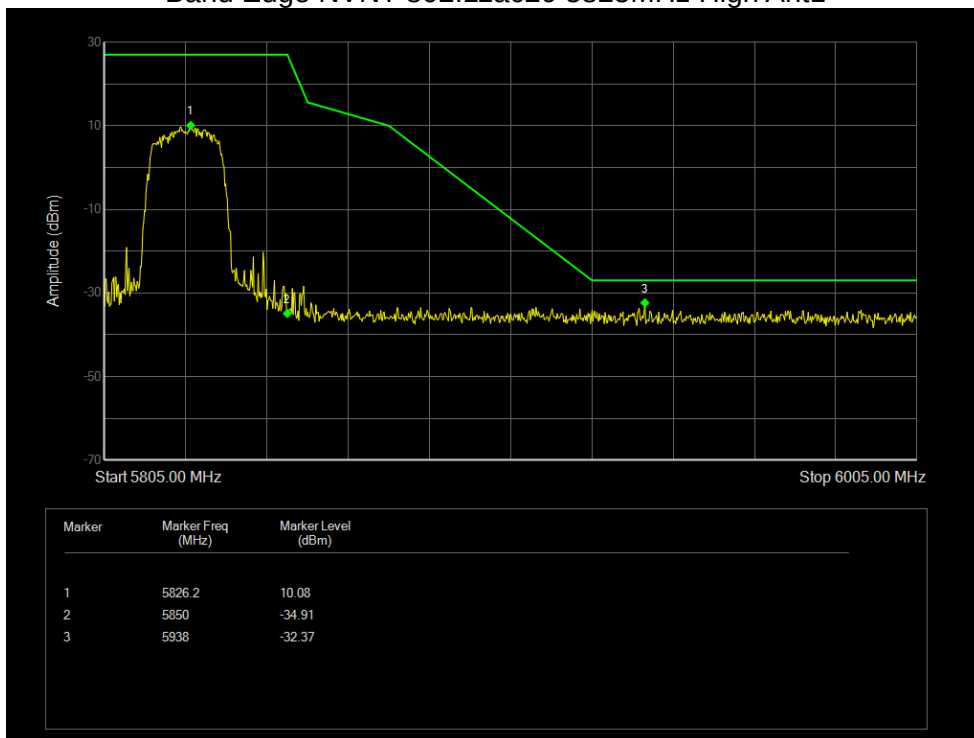
Band Edge NVNT 802.11a 5825MHz High Ant1



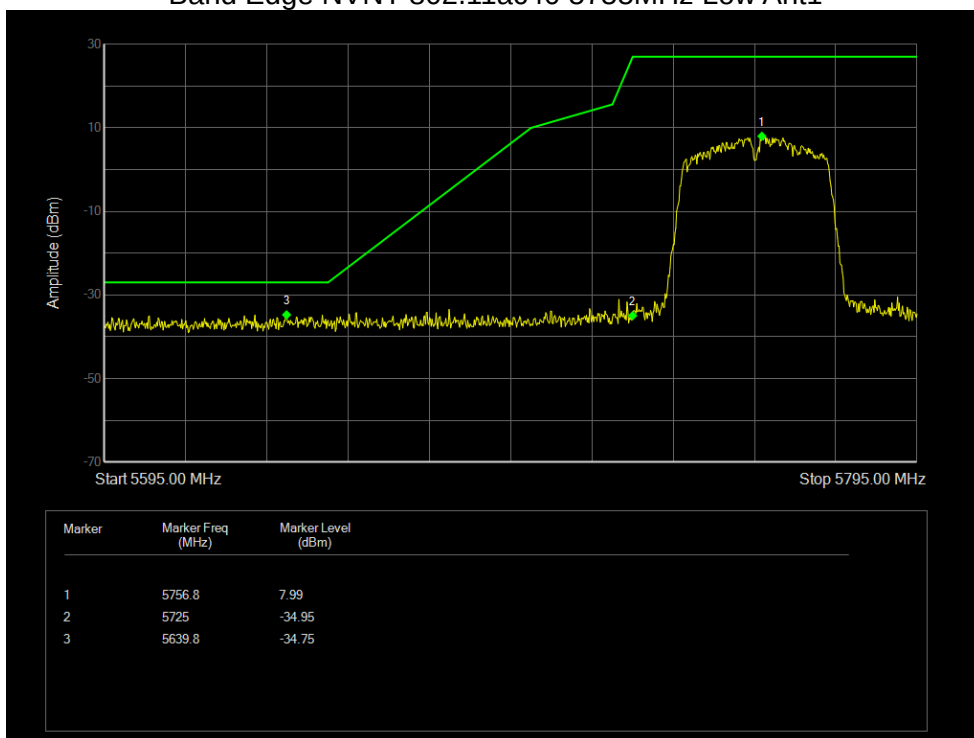
Band Edge NVNT 802.11ac20 5745MHz Low Ant1



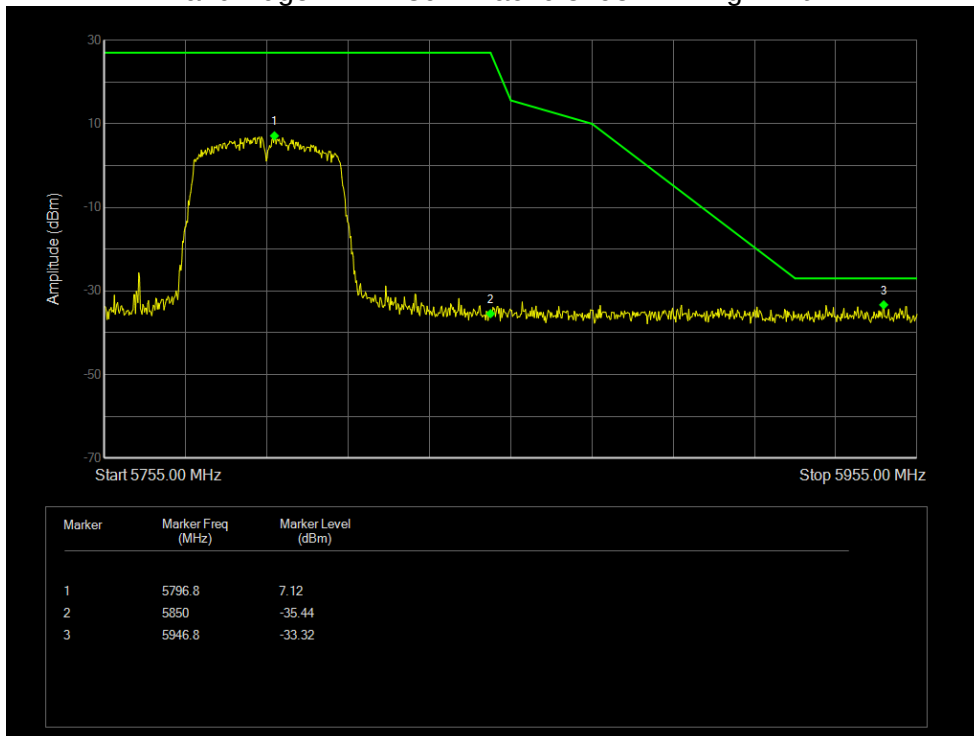
Band Edge NVNT 802.11ac20 5825MHz High Ant1



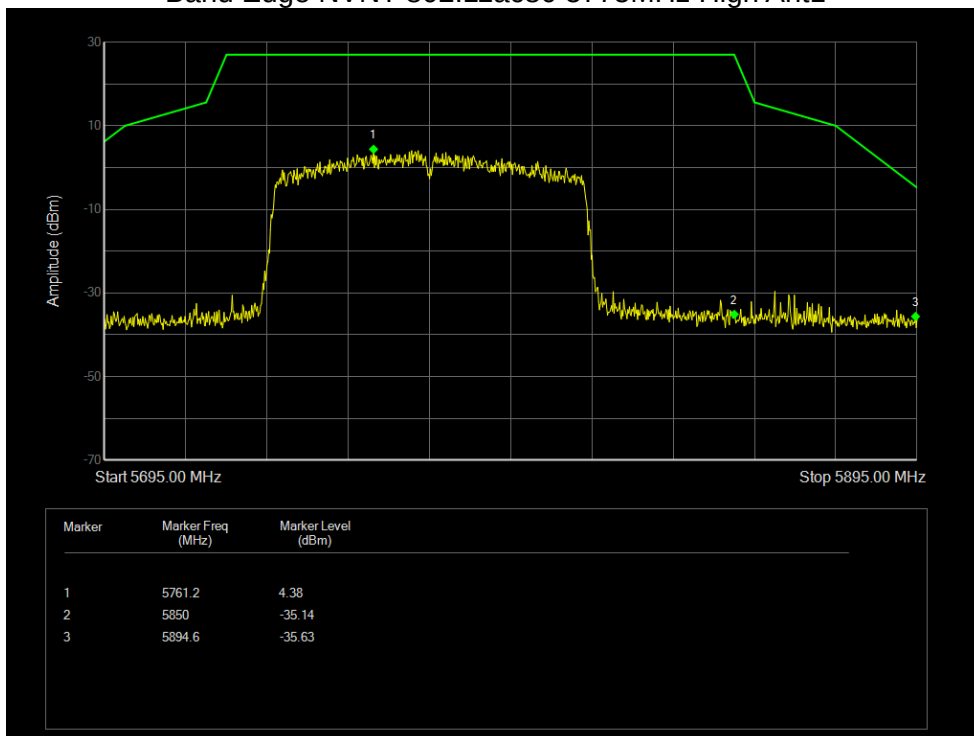
Band Edge NVNT 802.11ac40 5755MHz Low Ant1



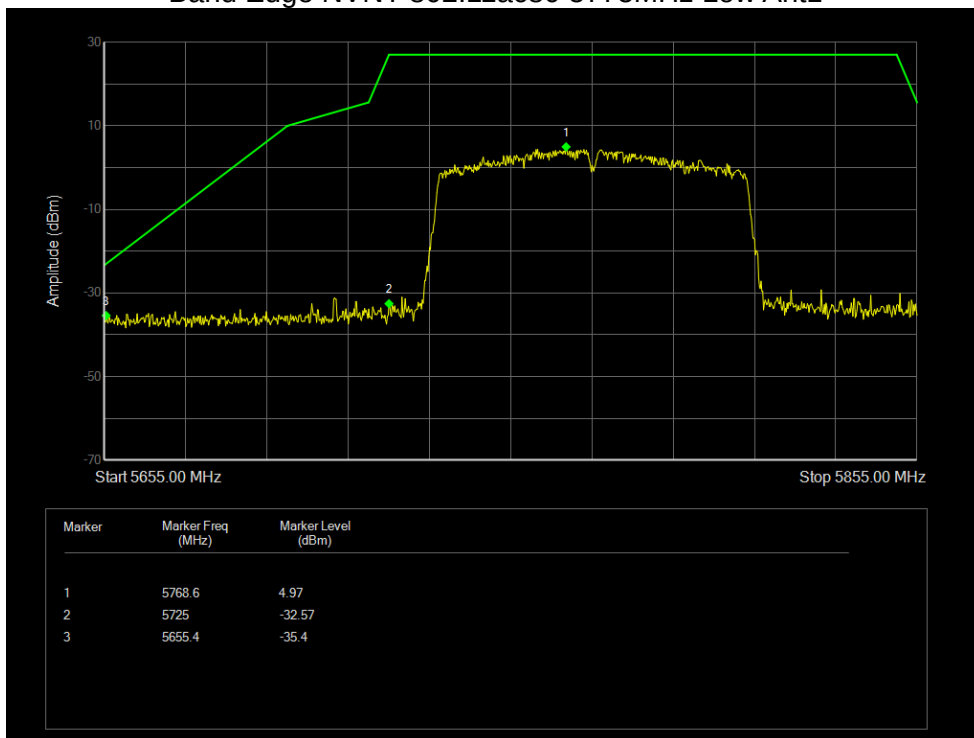
Band Edge NVNT 802.11ac40 5795MHz High Ant1



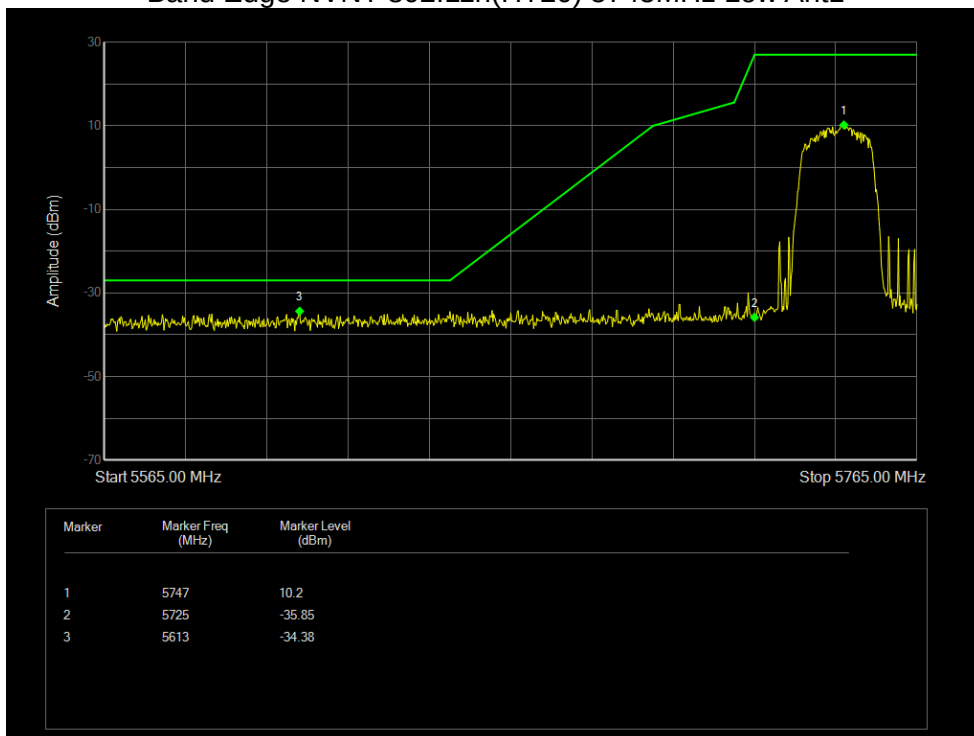
Band Edge NVNT 802.11ac80 5775MHz High Ant1



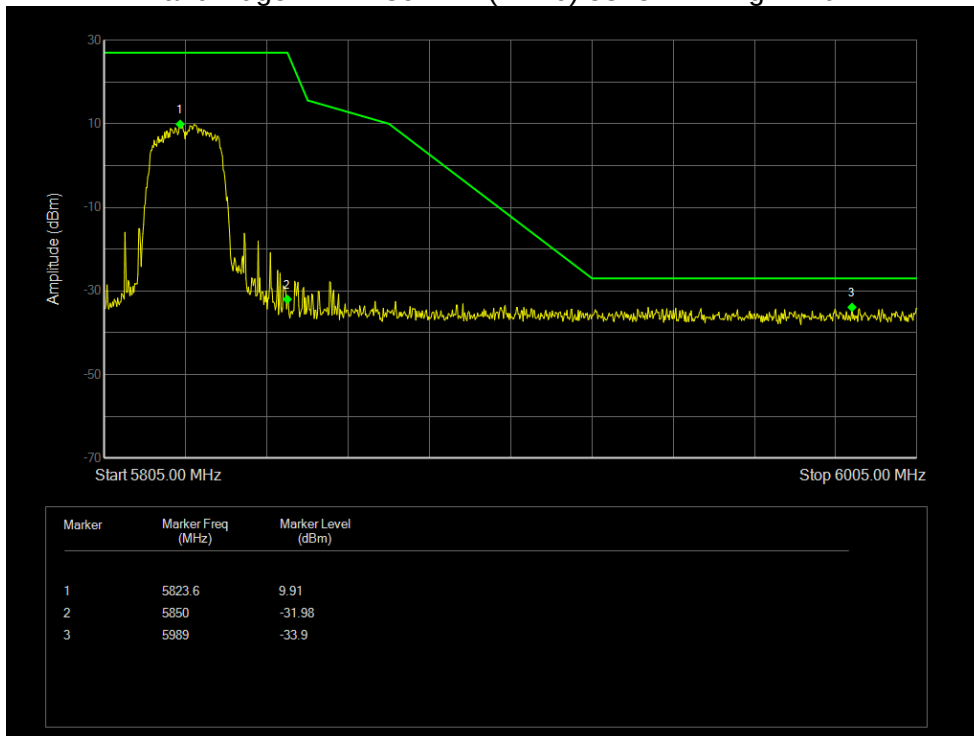
Band Edge NVNT 802.11ac80 5775MHz Low Ant1



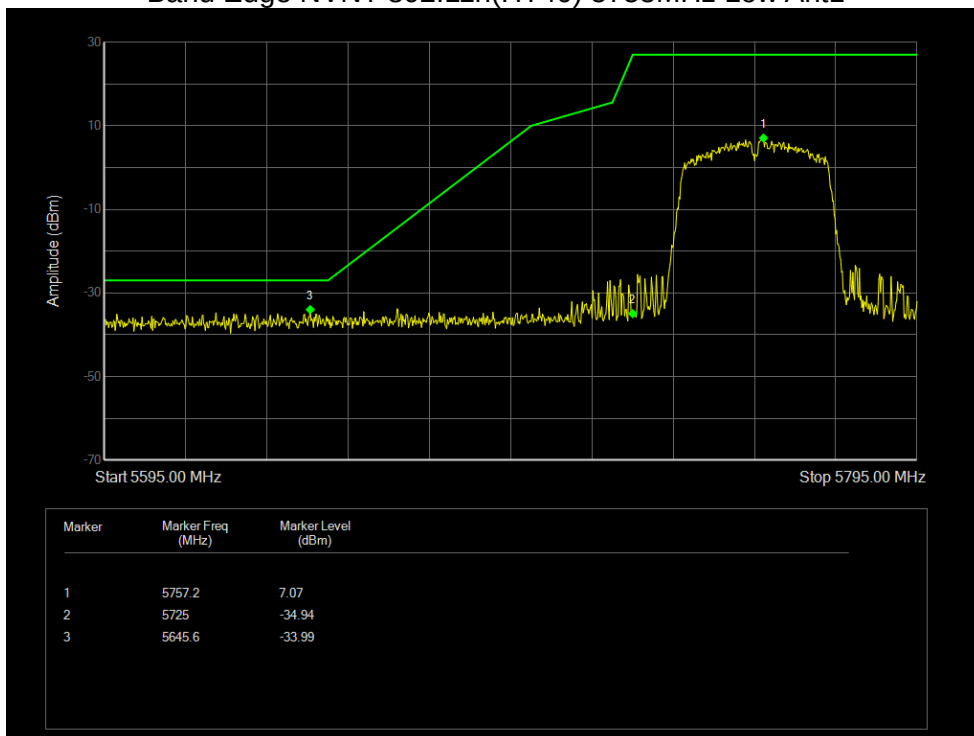
Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant1



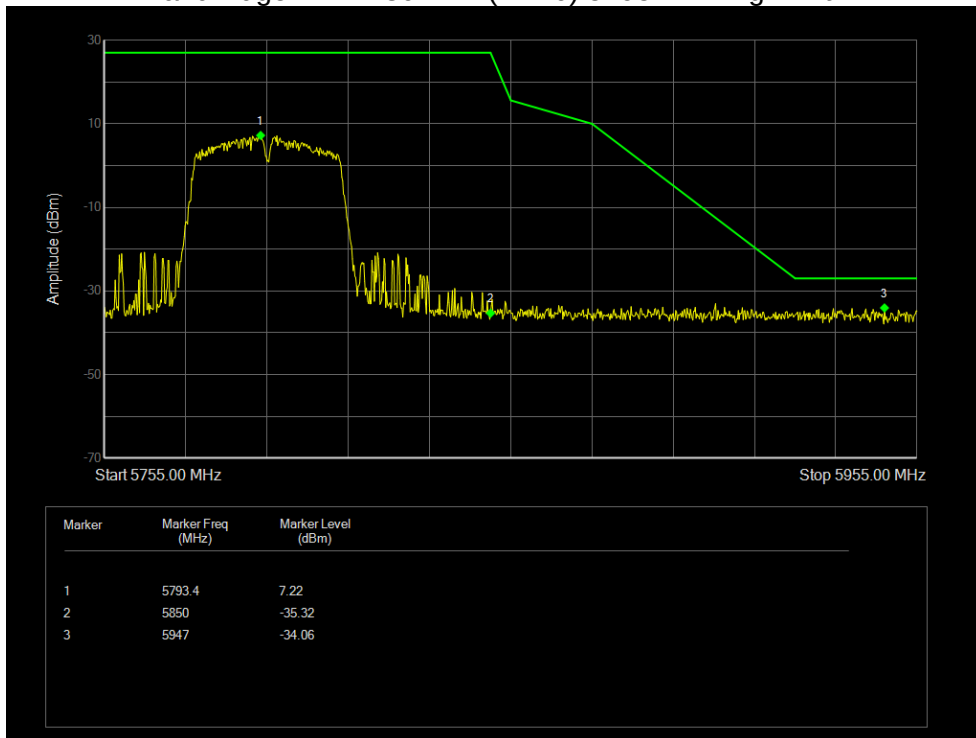
Band Edge NVNT 802.11n(HT20) 5825MHz High Ant1



Band Edge NVNT 802.11n(HT40) 5755MHz Low Ant1



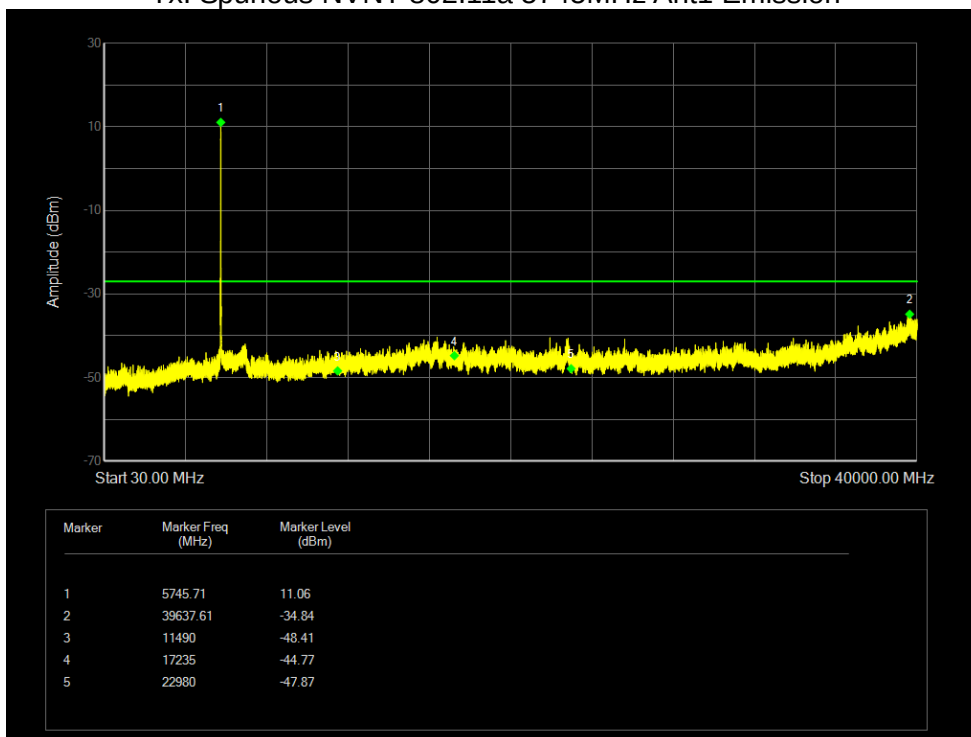
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant1



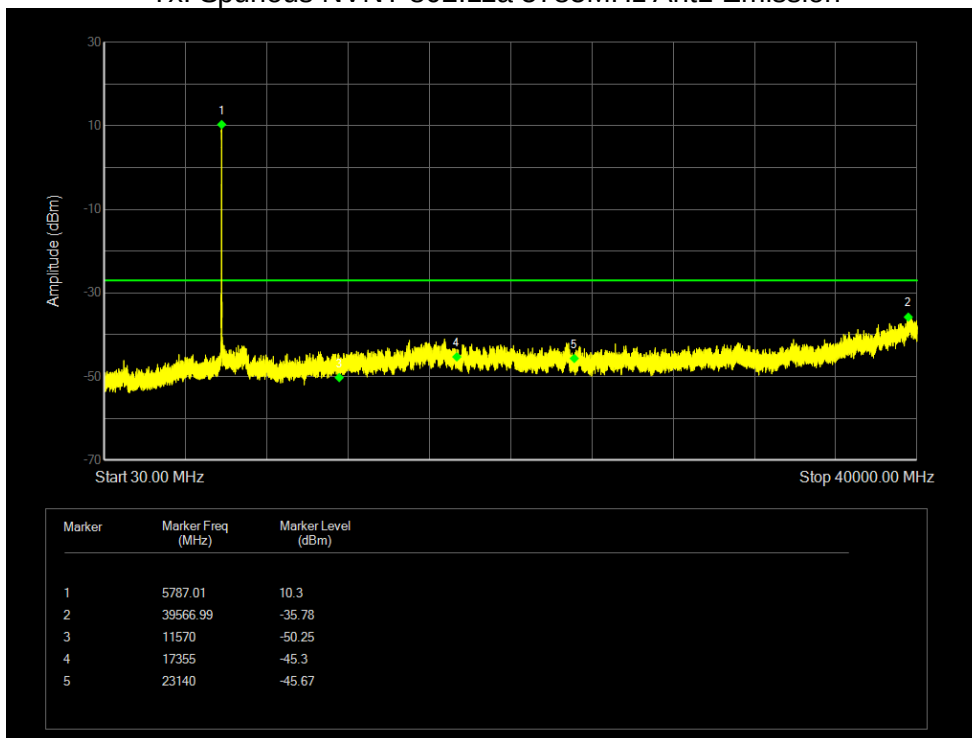
5.7 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5745	Ant 1	-34.84	-27	Pass
NVNT	802.11a	5785	Ant 1	-35.78	-27	Pass
NVNT	802.11a	5825	Ant 1	-34.26	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-34.38	-27	Pass
NVNT	802.11ac20	5785	Ant 1	-35.4	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-42.04	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-35.35	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-35.12	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-33.75	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-34.9	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-34.8	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-35.32	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-34.64	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-35.24	-27	Pass

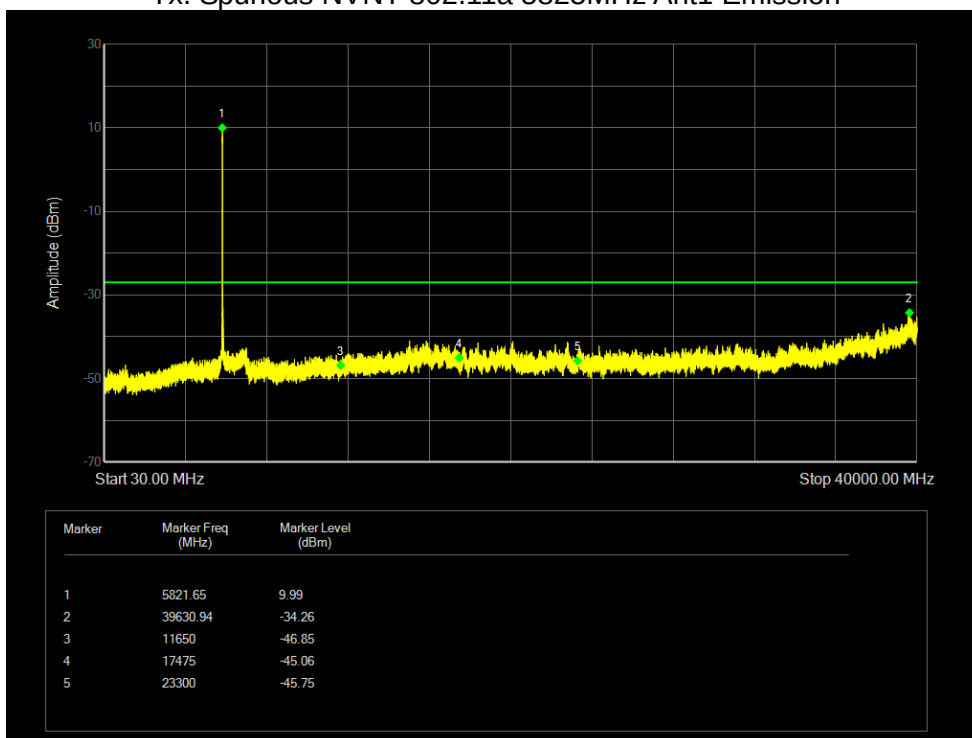
Tx. Spurious NVNT 802.11a 5745MHz Ant1 Emission



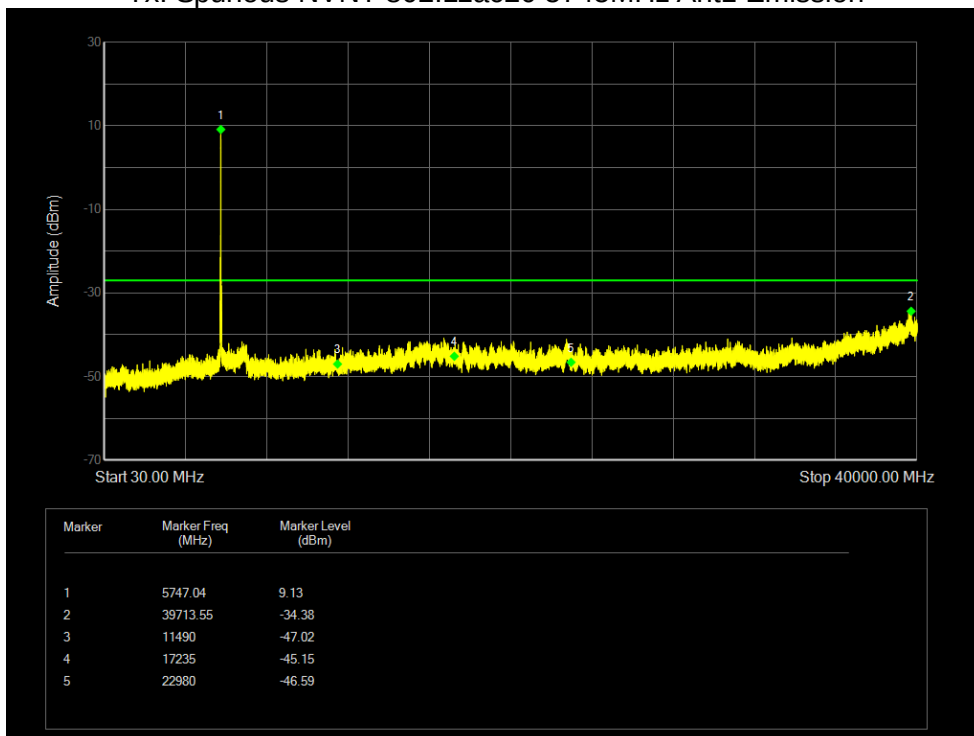
Tx. Spurious NVNT 802.11a 5785MHz Ant1 Emission



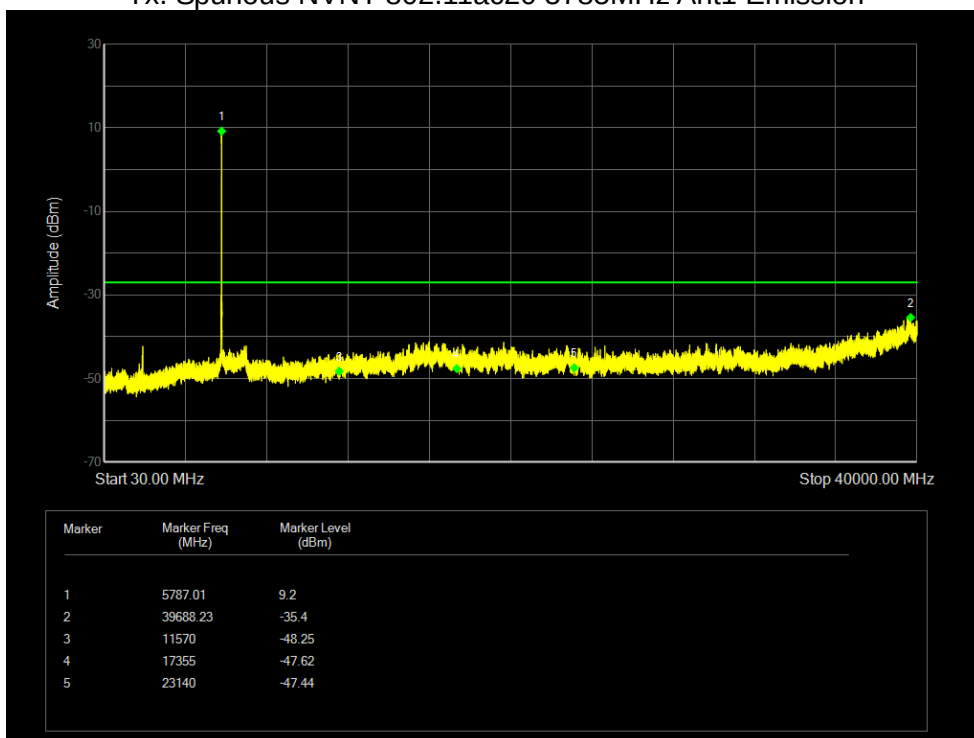
Tx. Spurious NVNT 802.11a 5825MHz Ant1 Emission



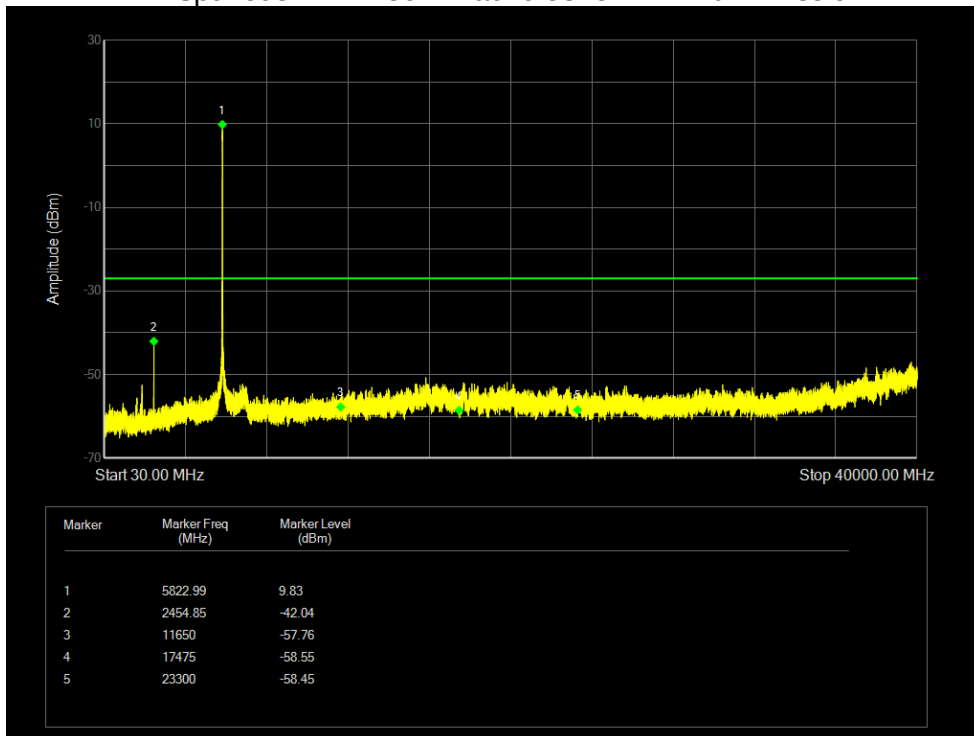
Tx. Spurious NVNT 802.11ac20 5745MHz Ant1 Emission



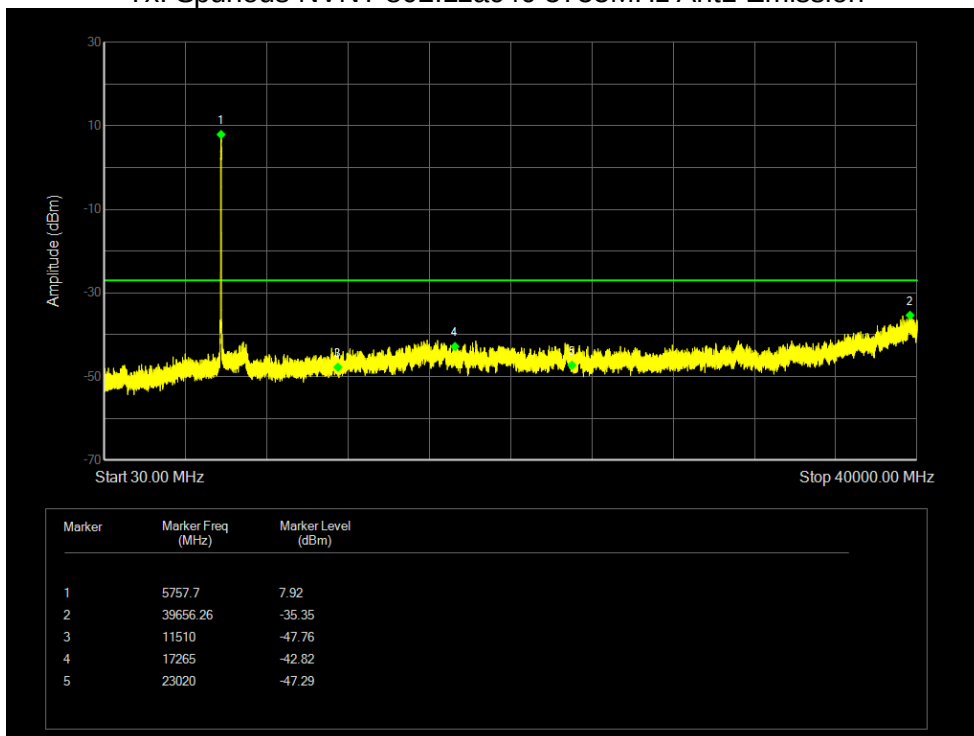
Tx. Spurious NVNT 802.11ac20 5785MHz Ant1 Emission



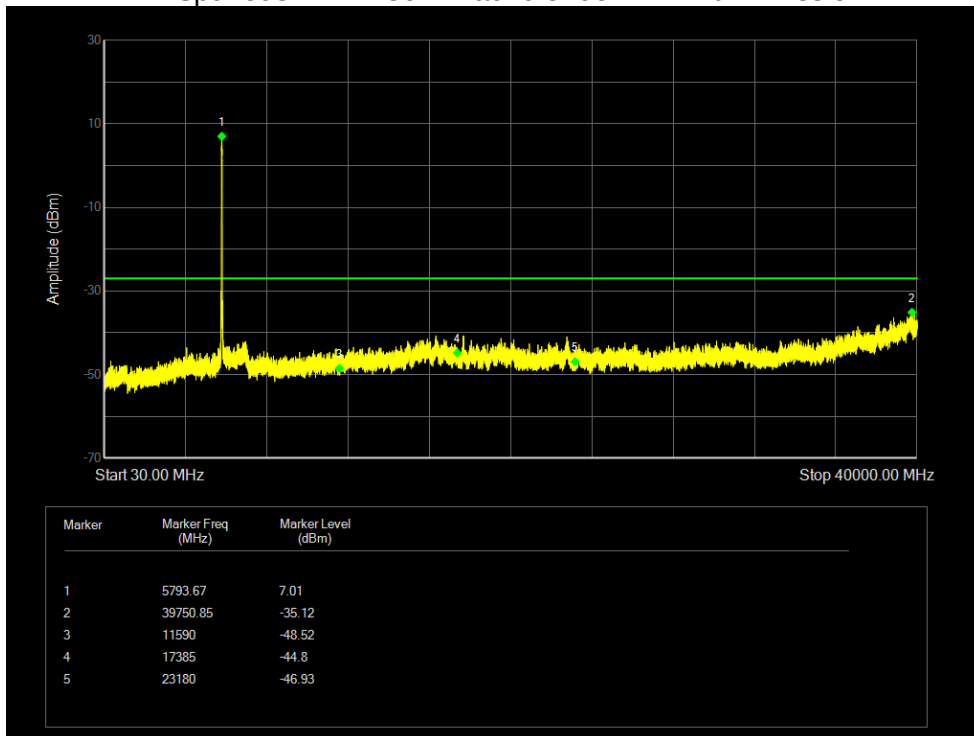
Tx. Spurious NVNT 802.11ac20 5825MHz Ant1 Emission



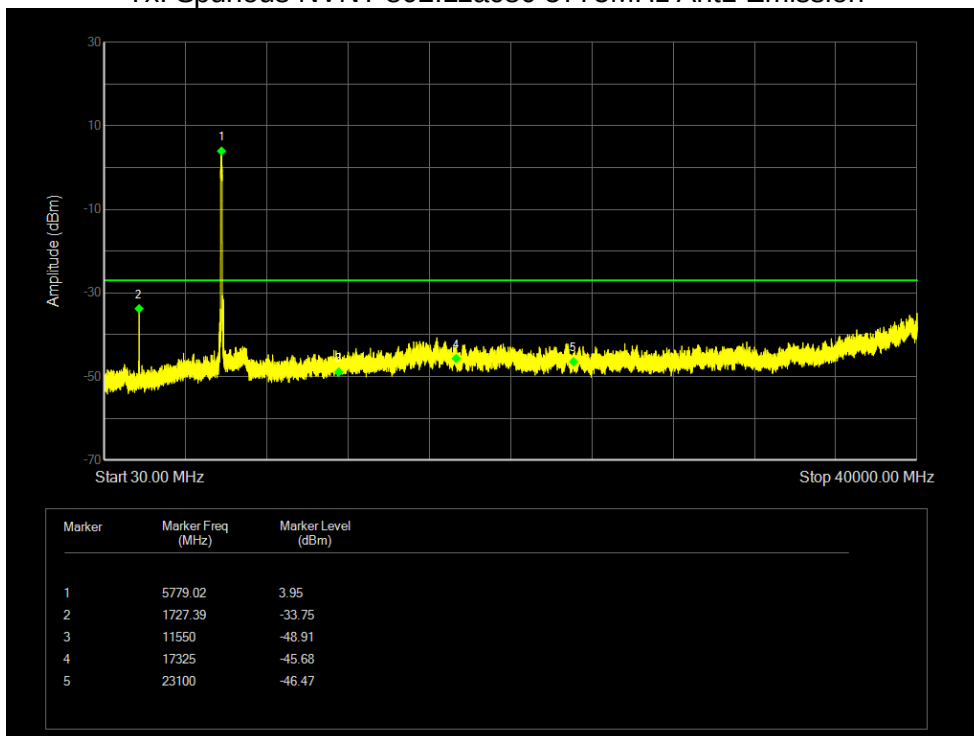
Tx. Spurious NVNT 802.11ac40 5755MHz Ant1 Emission



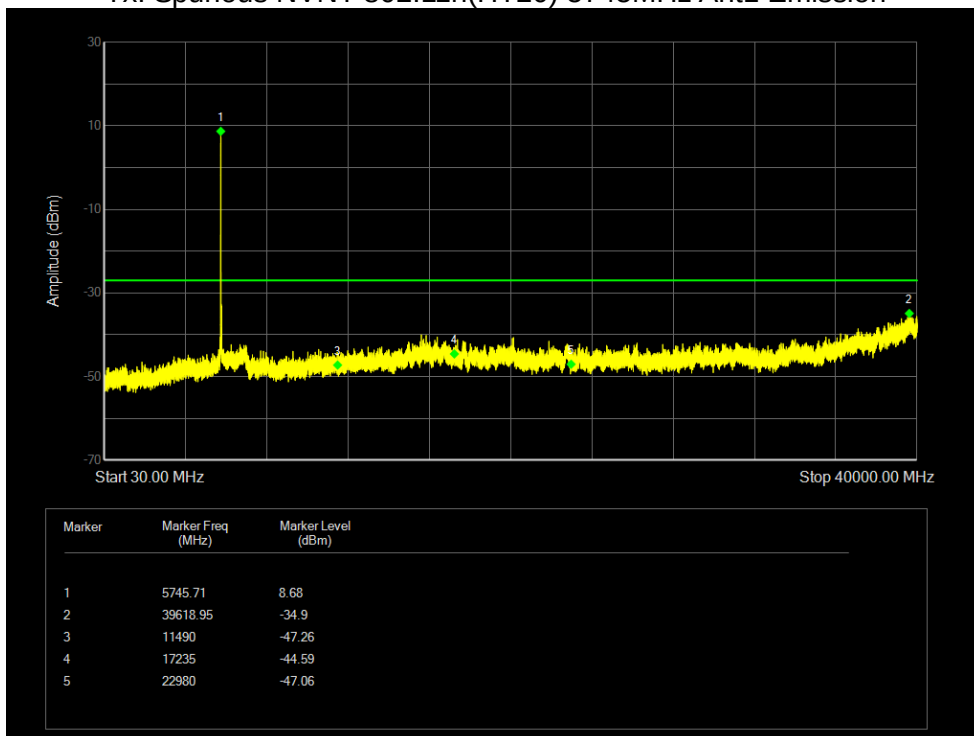
Tx. Spurious NVNT 802.11ac40 5795MHz Ant1 Emission



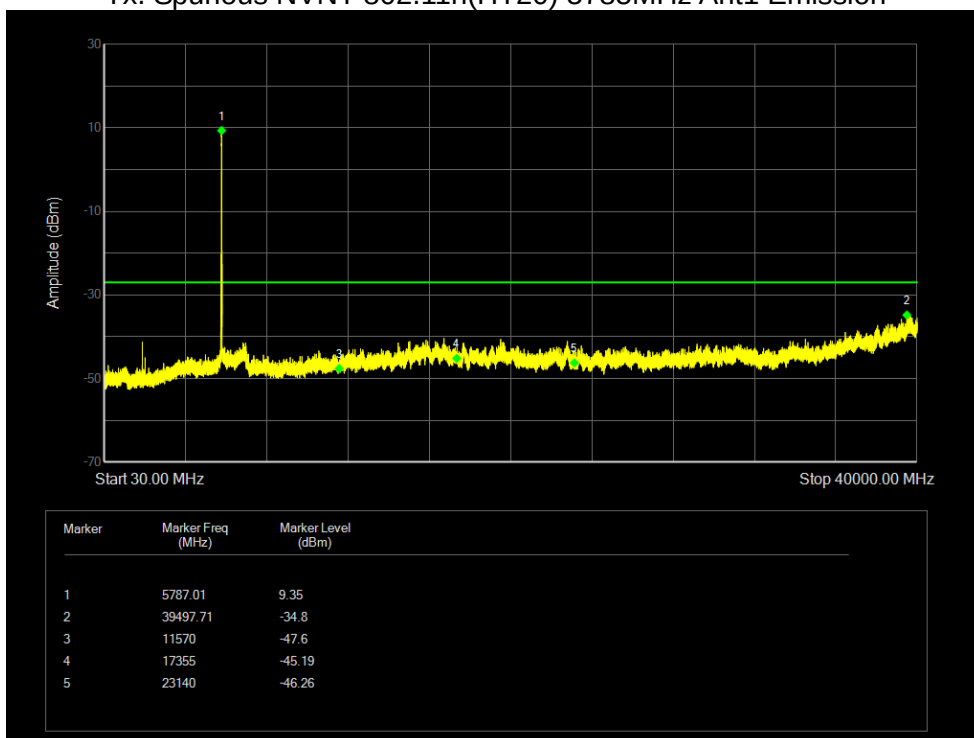
Tx. Spurious NVNT 802.11ac80 5775MHz Ant1 Emission



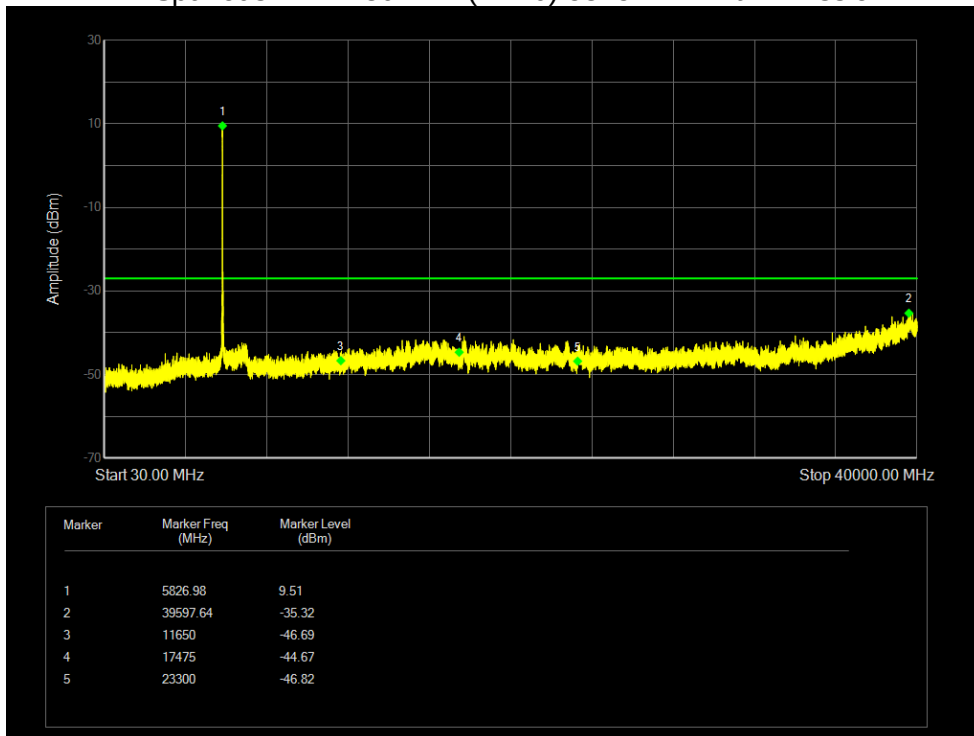
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant1 Emission



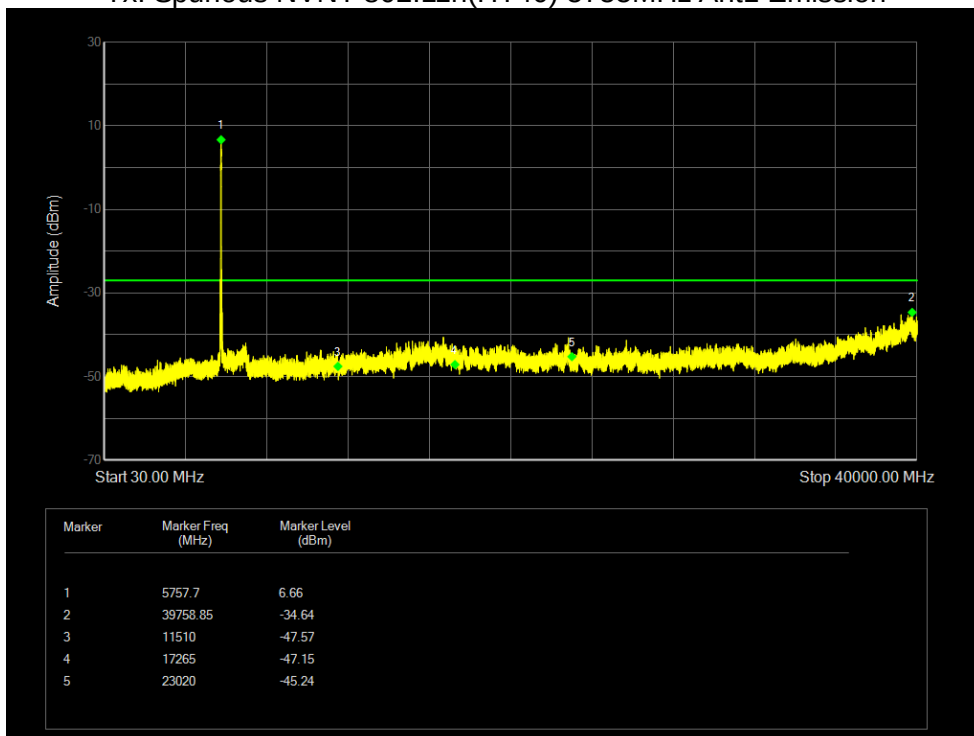
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant1 Emission



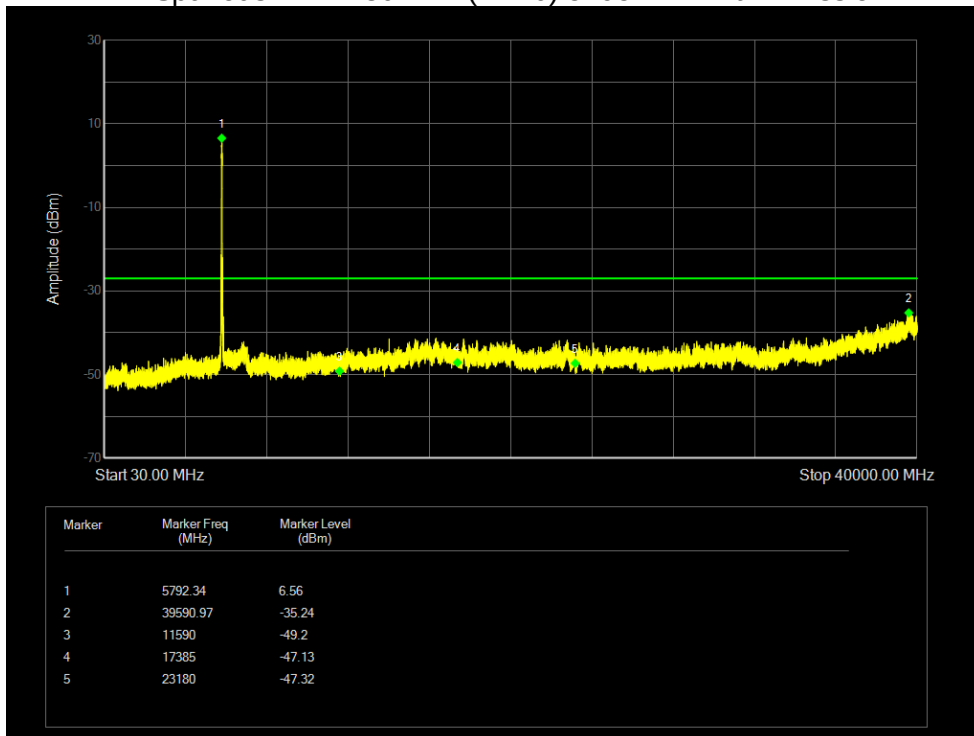
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant1 Emission



END OF REPORT