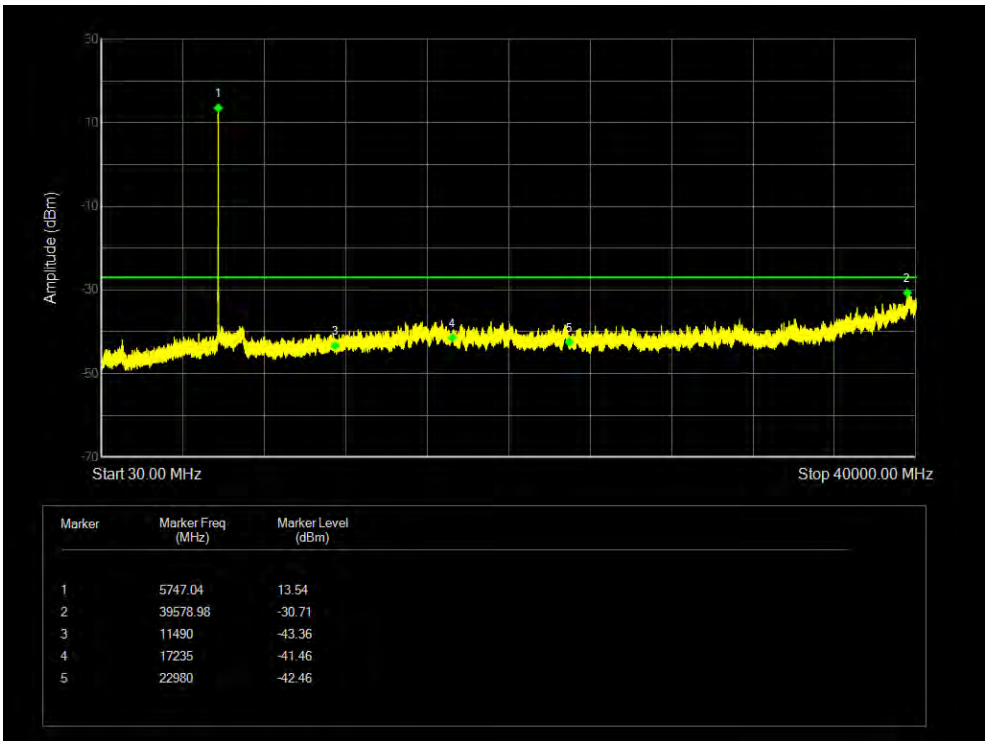
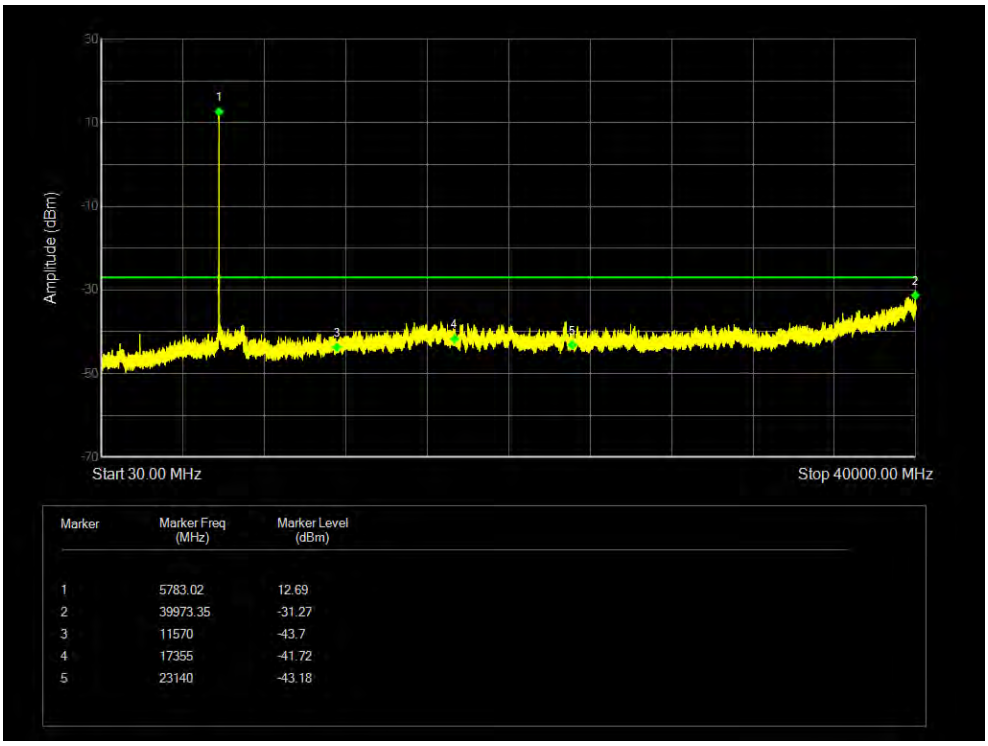
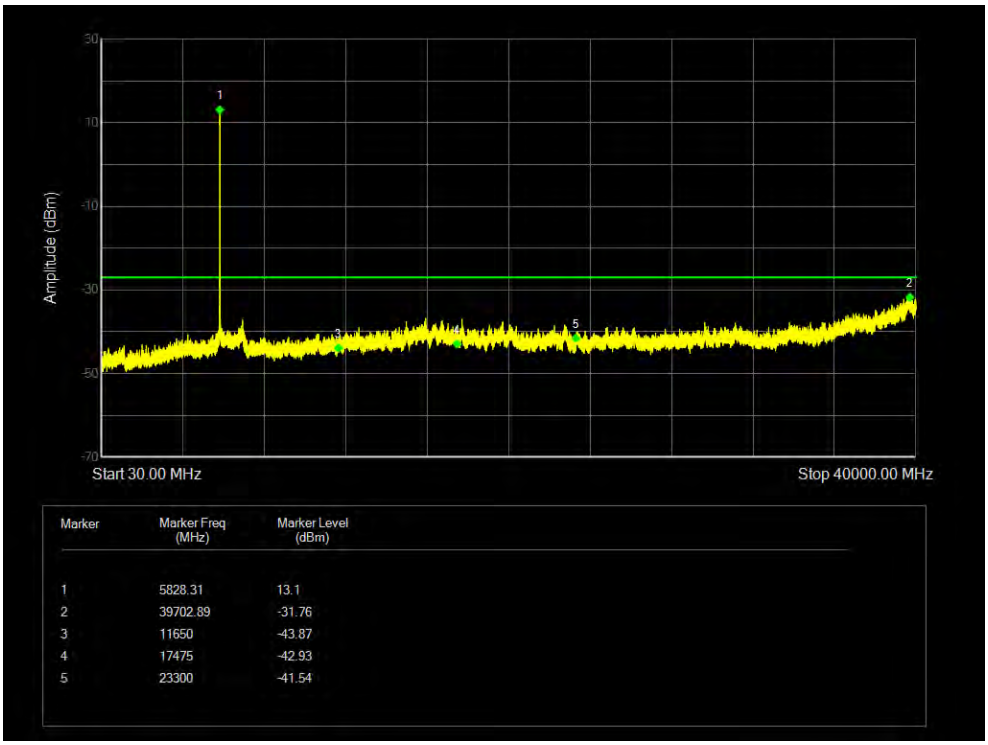
Tx. Spurious NVNT 802.11ac20 5745MHz Ant 1 Emission



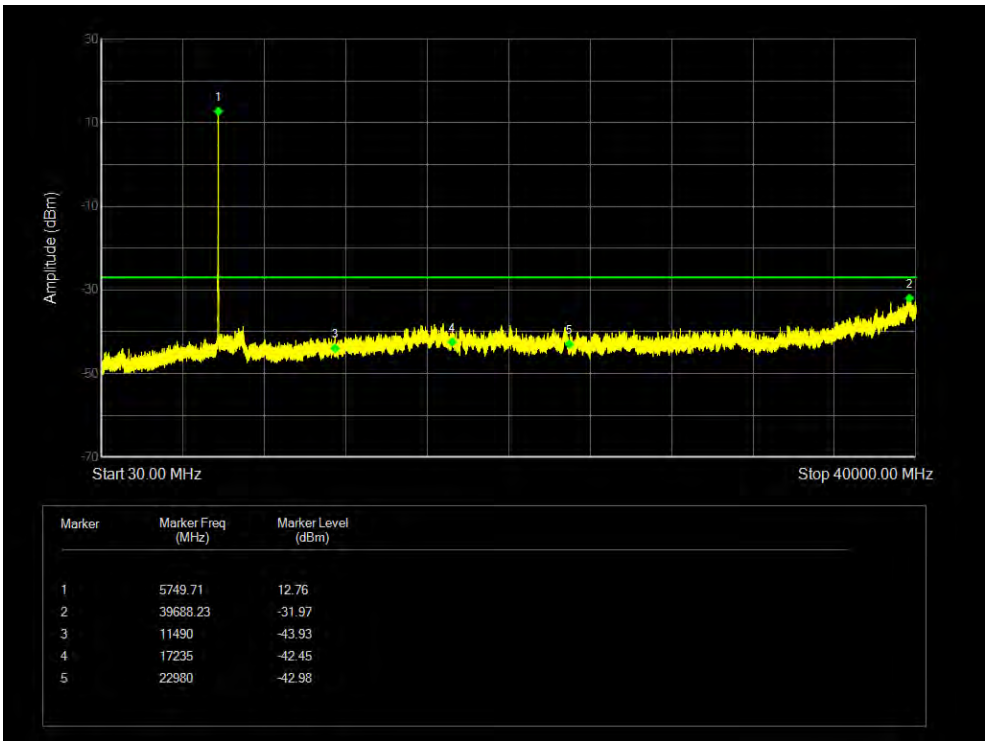
Tx. Spurious NVNT 802.11ac20 5785MHz Ant 1 Emission



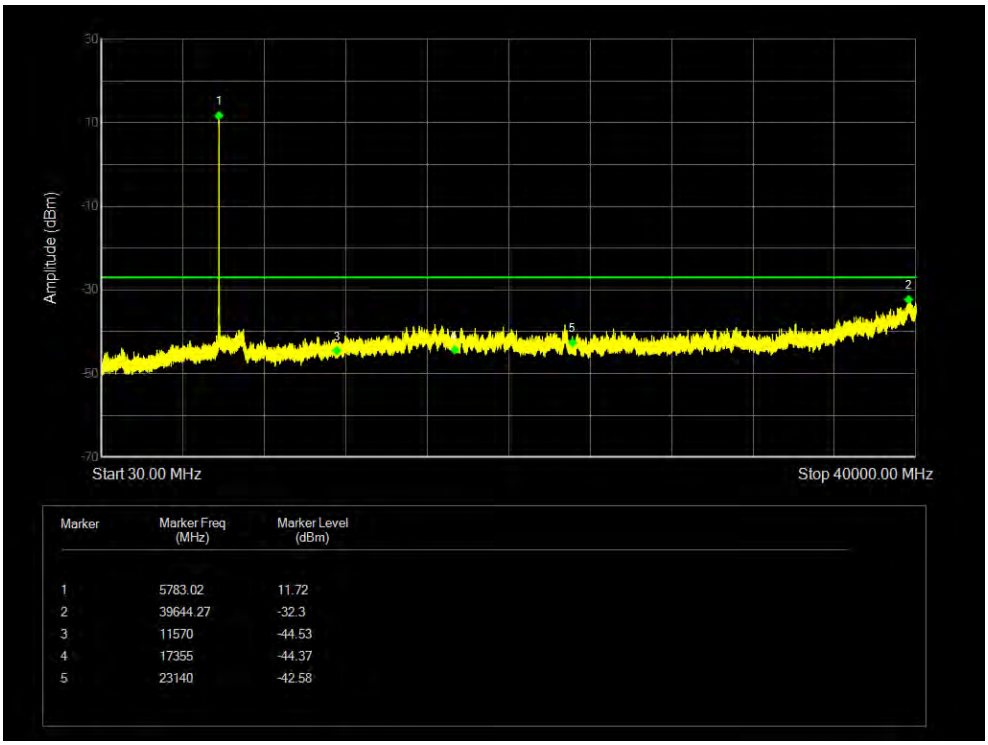
Tx. Spurious NVNT 802.11ac20 5825MHz Ant 1 Emission



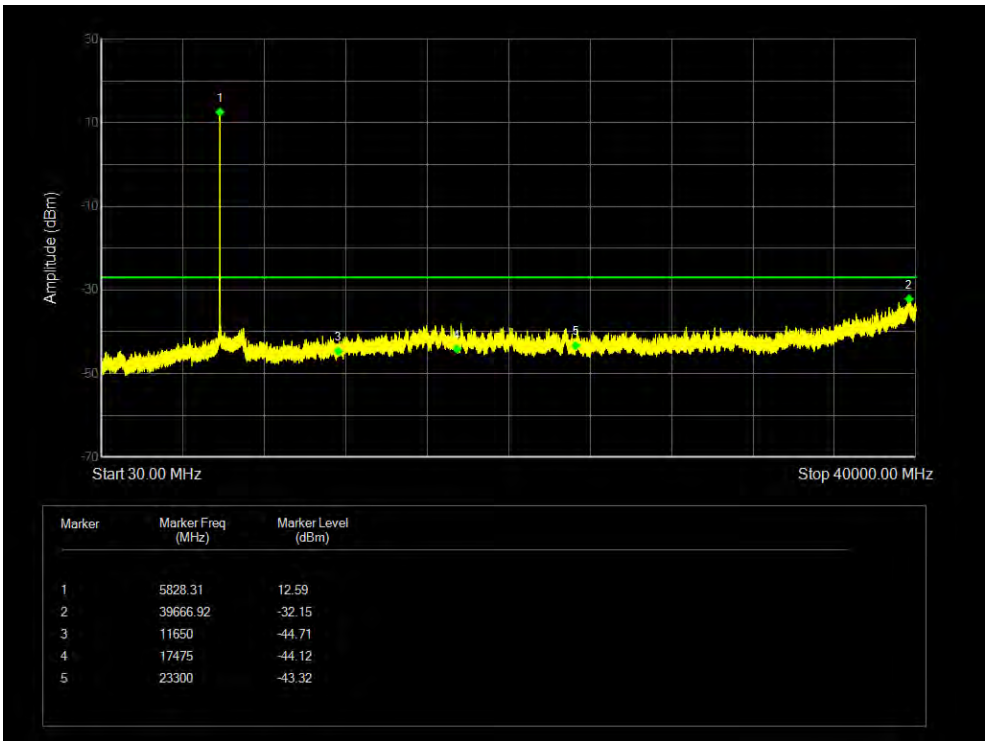
Tx. Spurious NVNT 802.11ac20 5745MHz Ant 2 Emission



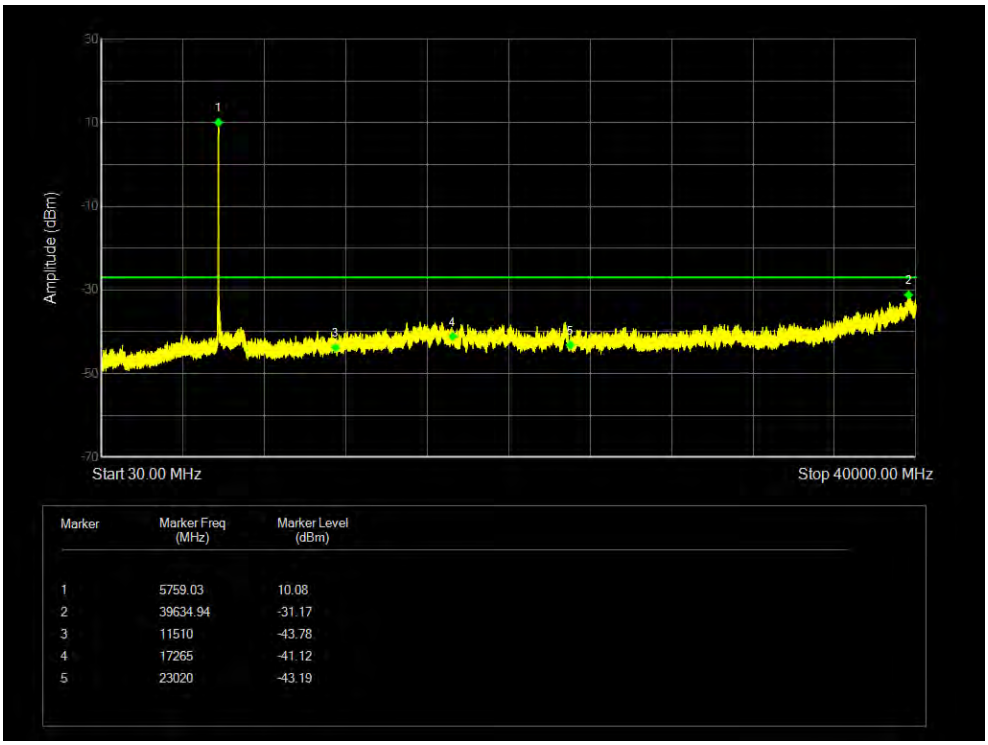
Tx. Spurious NVNT 802.11ac20 5785MHz Ant 2 Emission



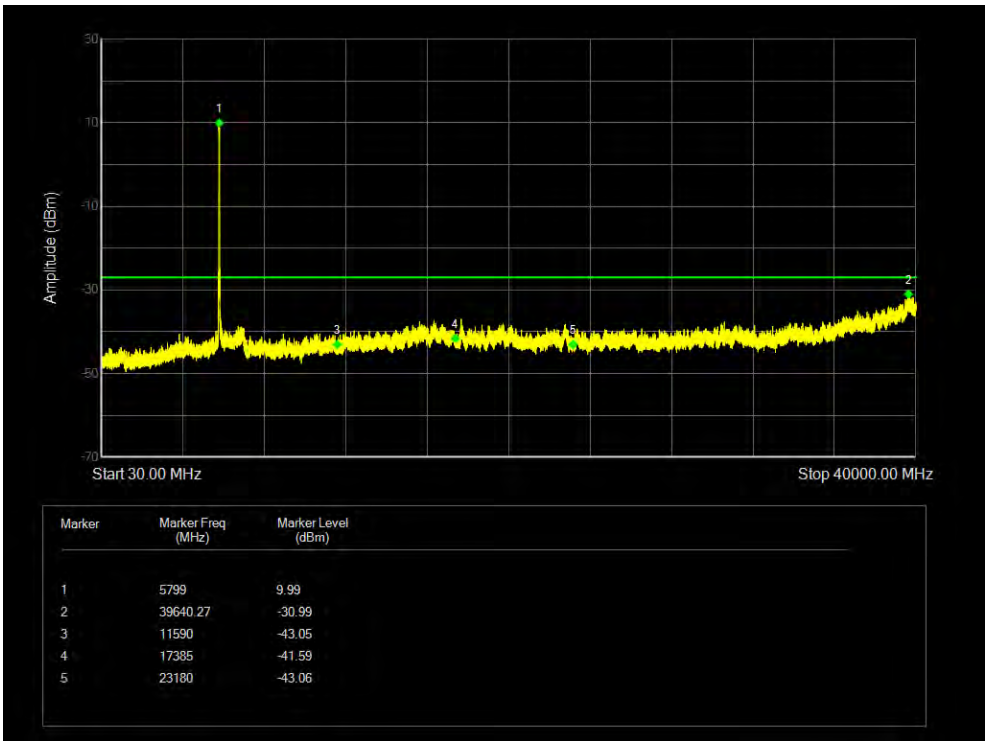
Tx. Spurious NVNT 802.11ac20 5825MHz Ant 2 Emission



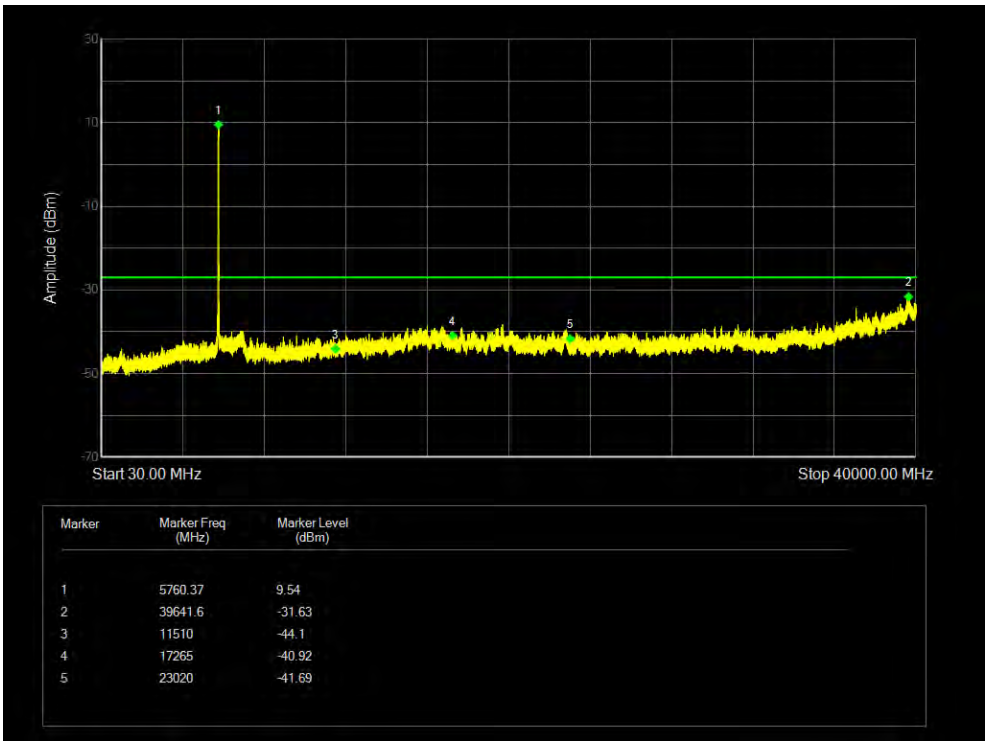
Tx. Spurious NVNT 802.11ac40 5755MHz Ant 1 Emission



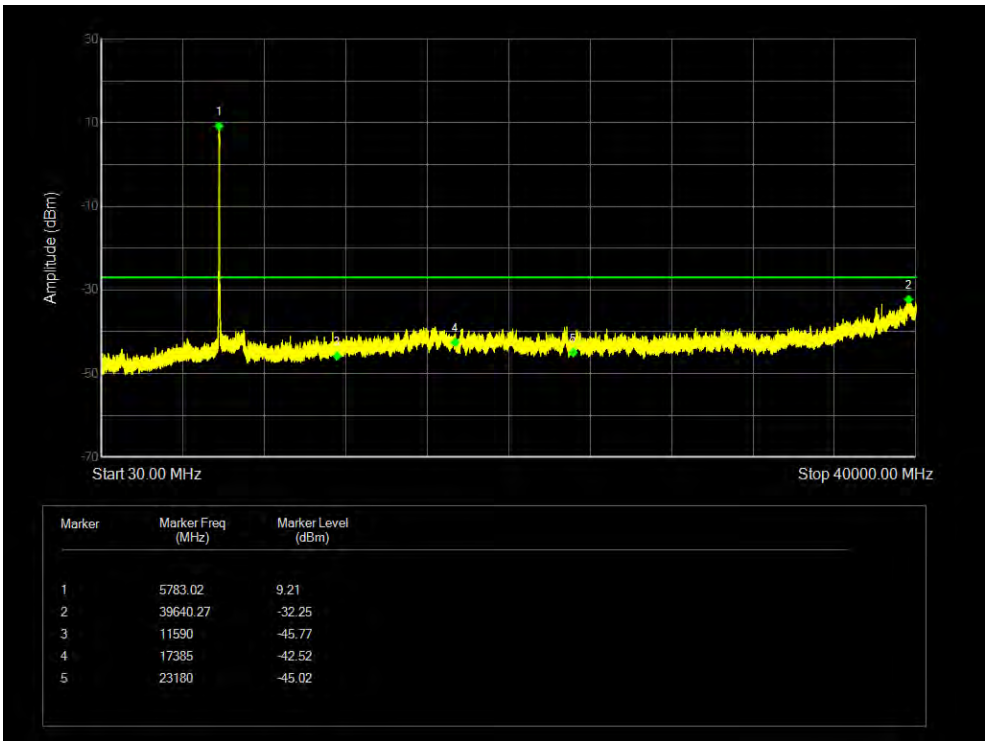
Tx. Spurious NVNT 802.11ac40 5795MHz Ant 1 Emission



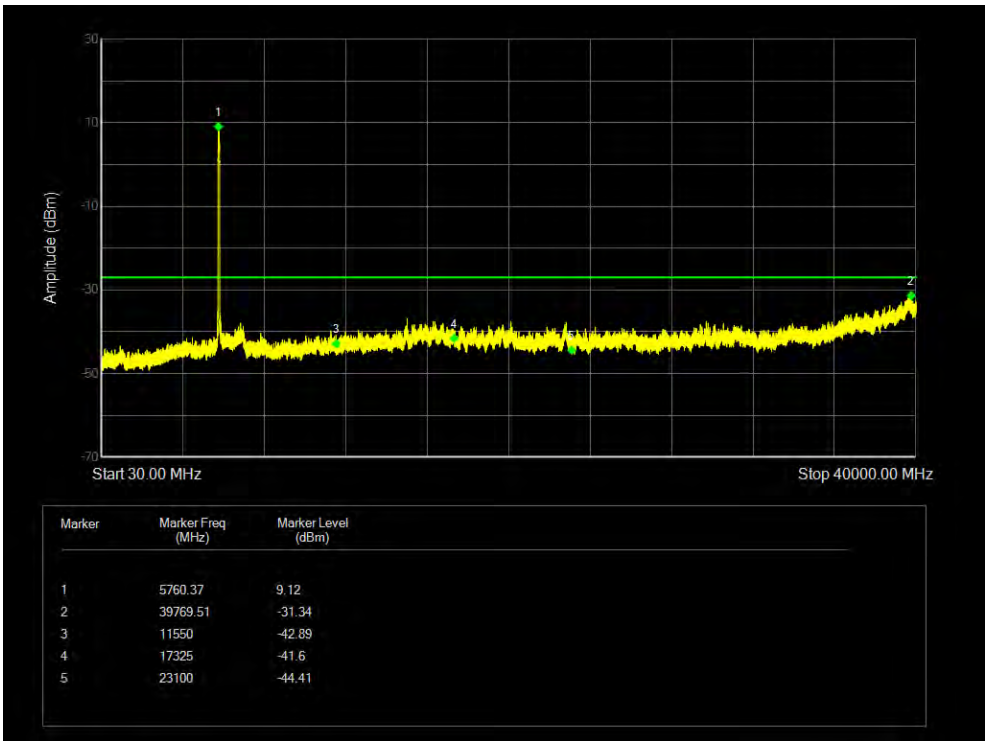
Tx. Spurious NVNT 802.11ac40 5755MHz Ant 2 Emission



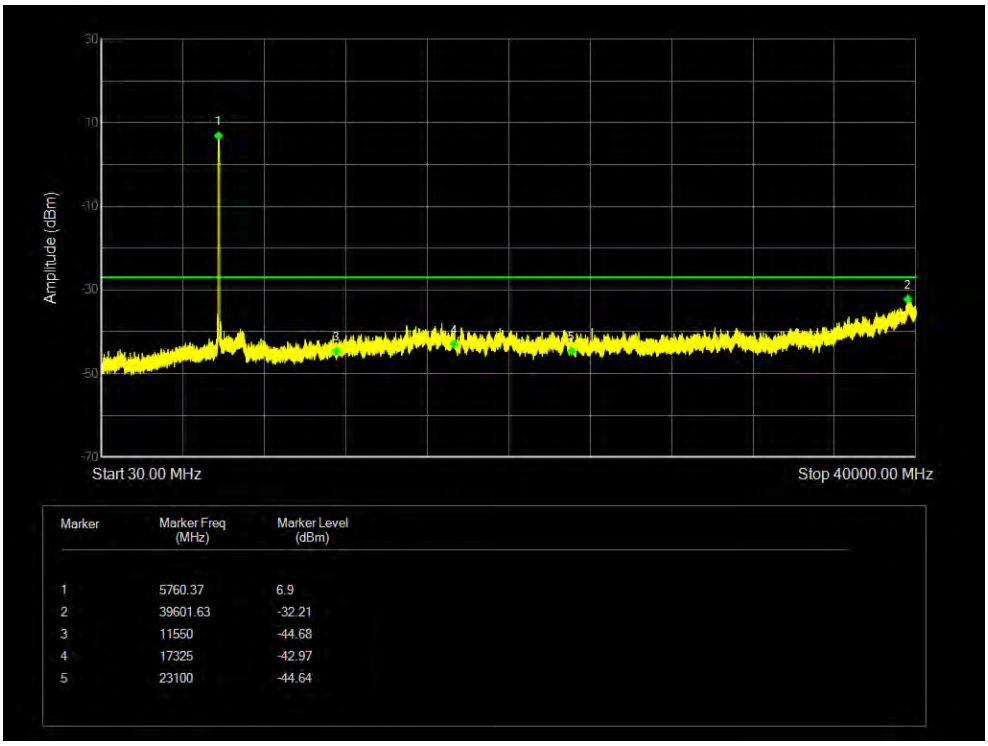
Tx. Spurious NVNT 802.11ac40 5795MHz Ant 2 Emission



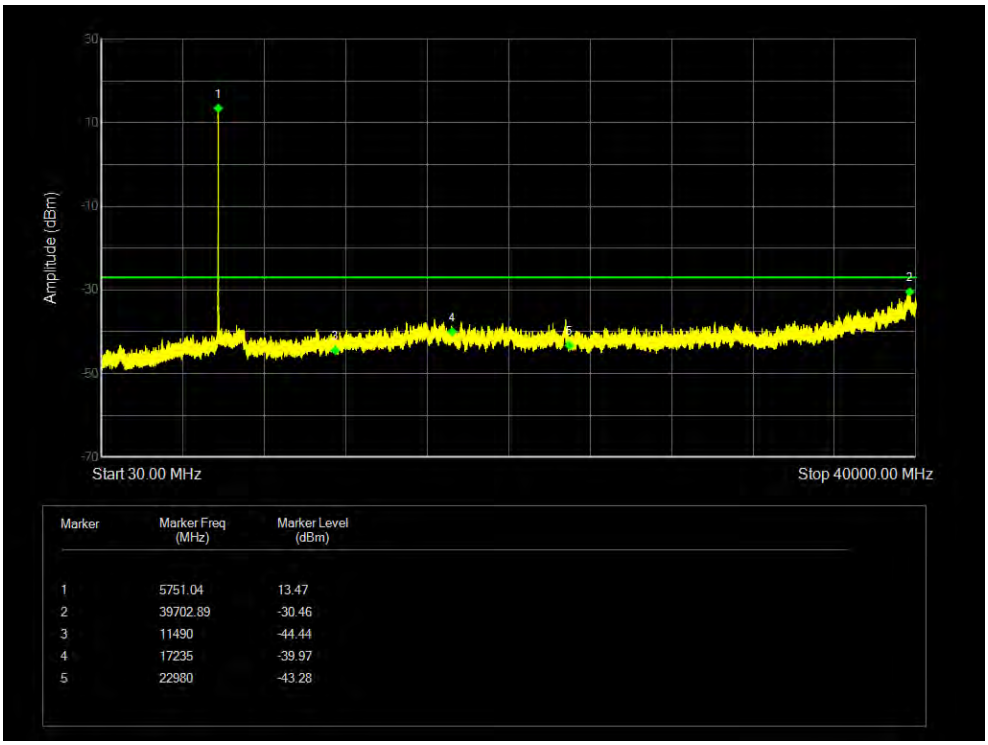
Tx. Spurious NVNT 802.11ac80 5775MHz Ant 1 Emission



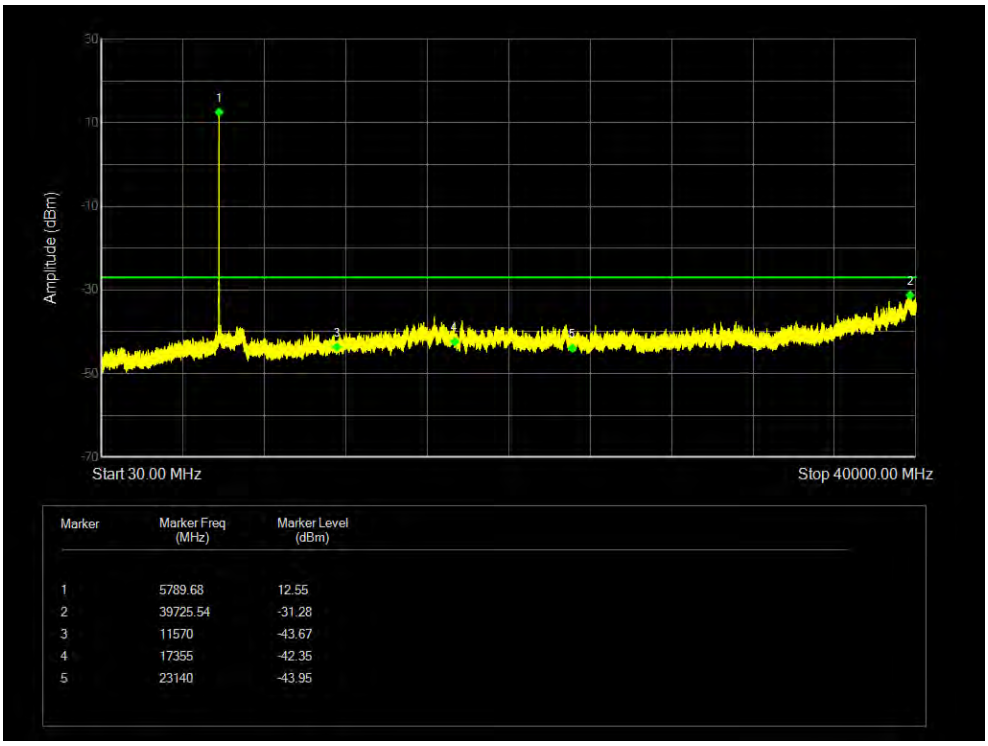
Tx. Spurious NVNT 802.11ac80 5775MHz Ant 2 Emission



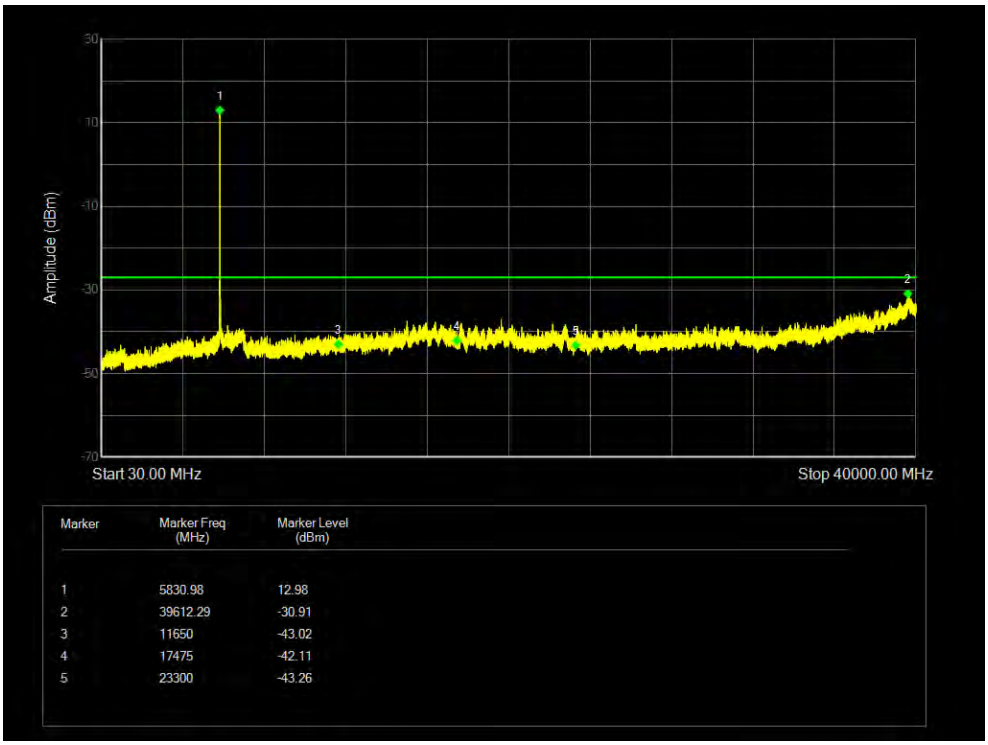
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant 1 Emission



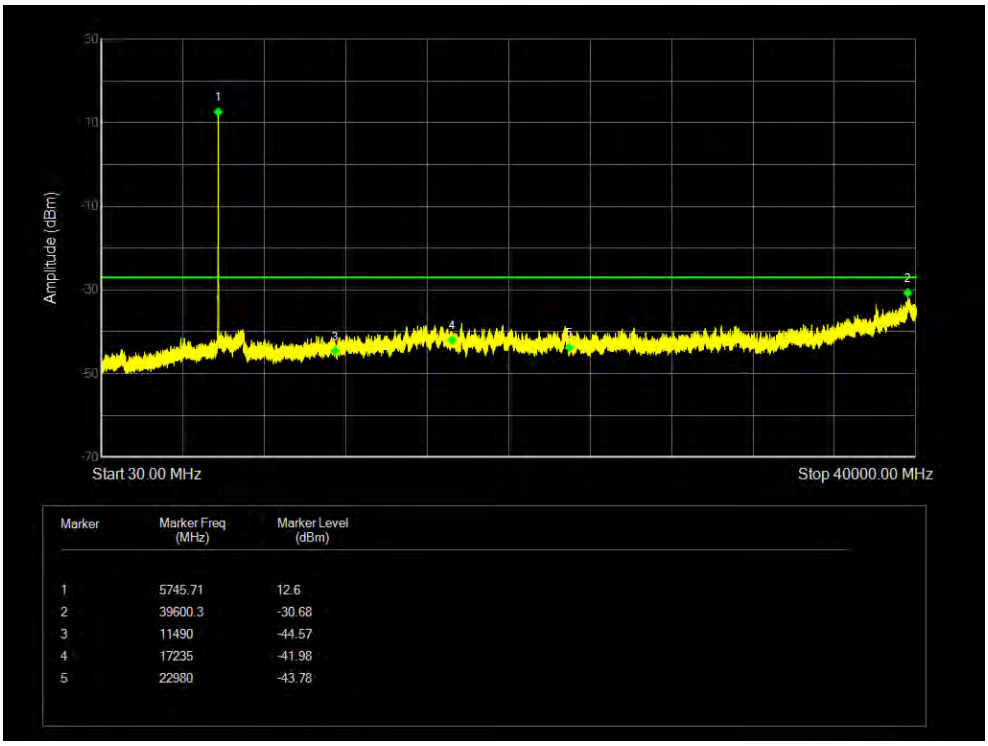
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant 1 Emission



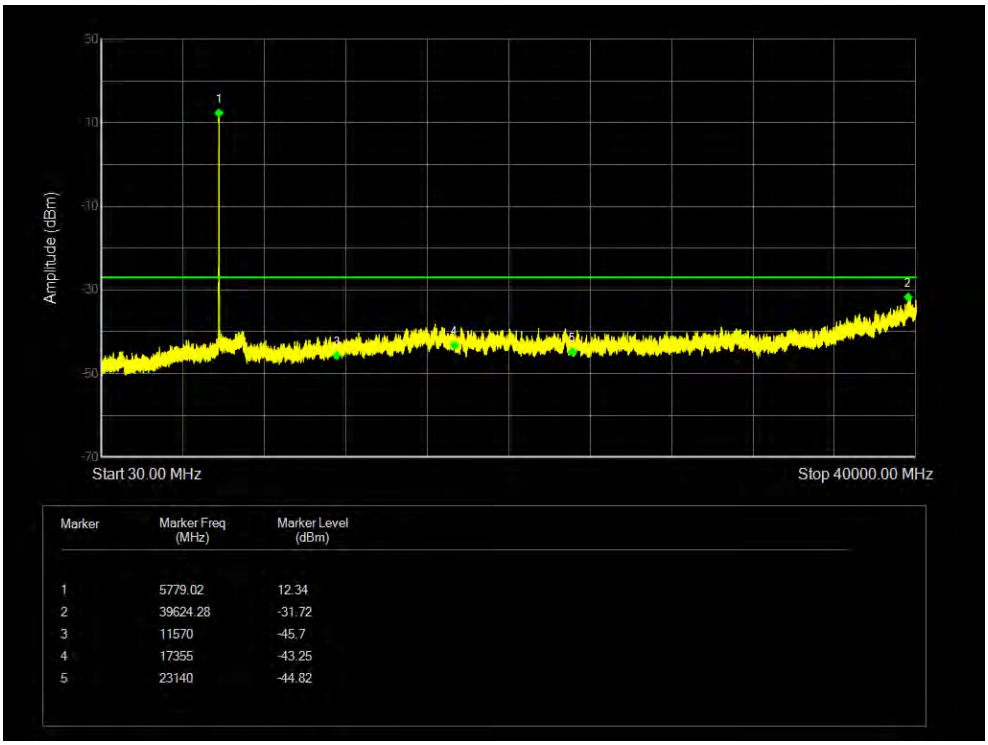
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant 1 Emission



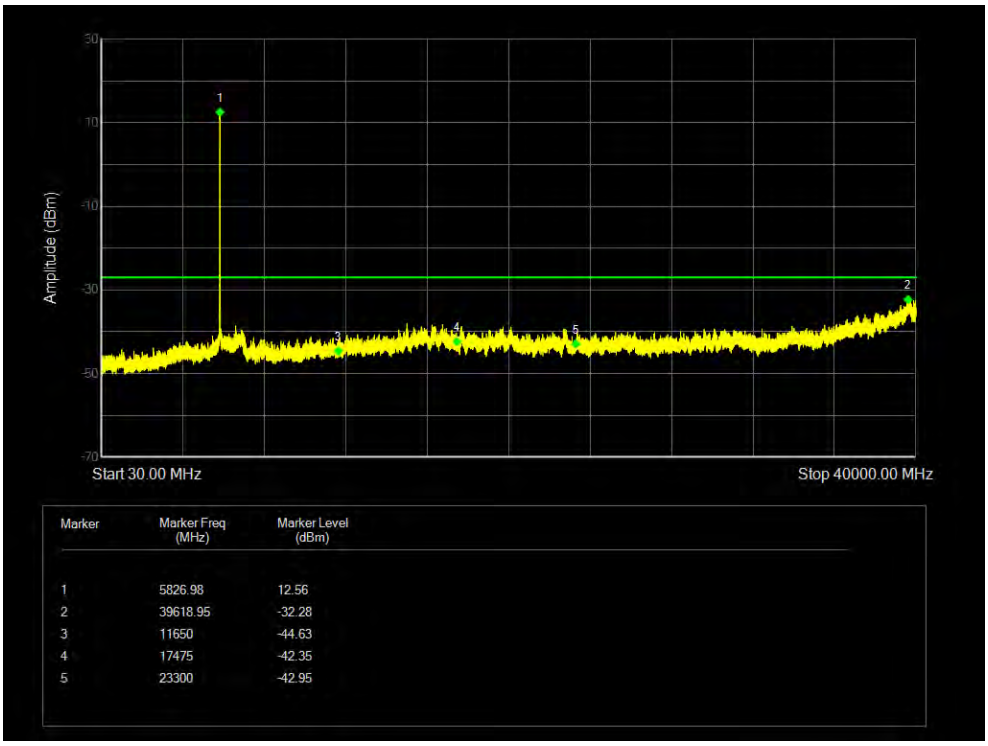
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant 2 Emission



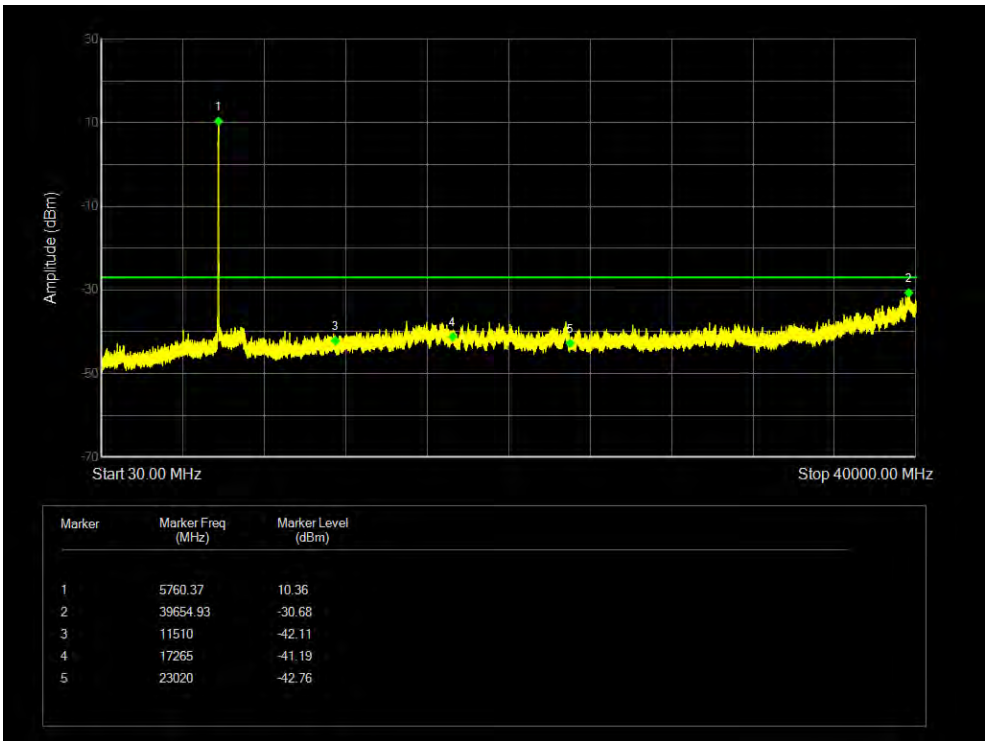
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant 2 Emission



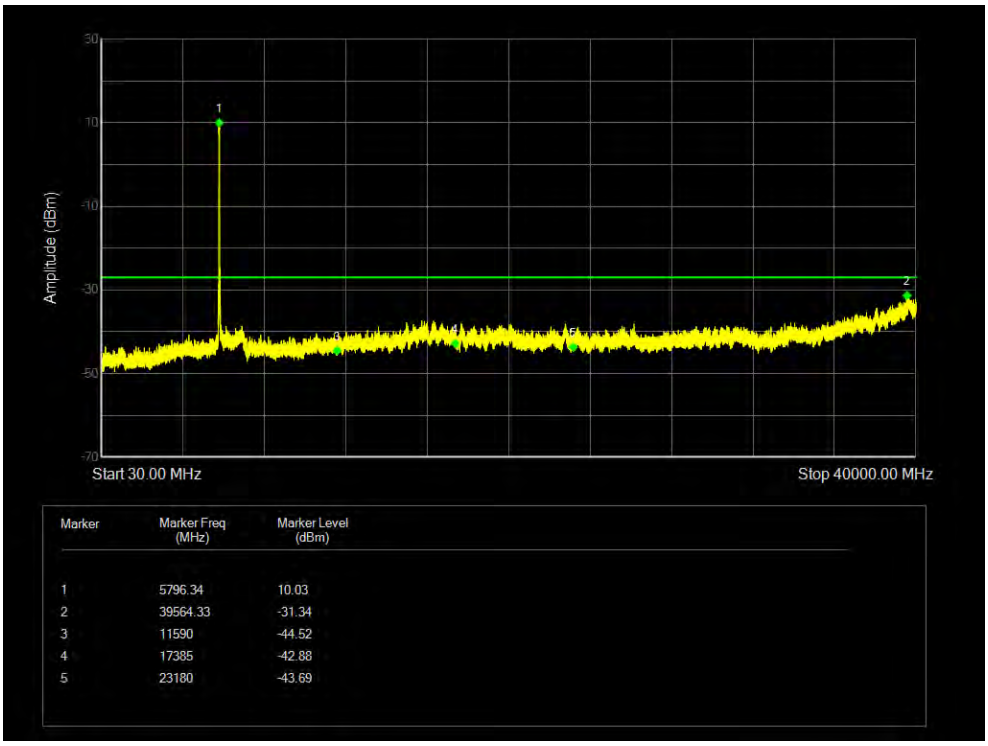
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant 2 Emission



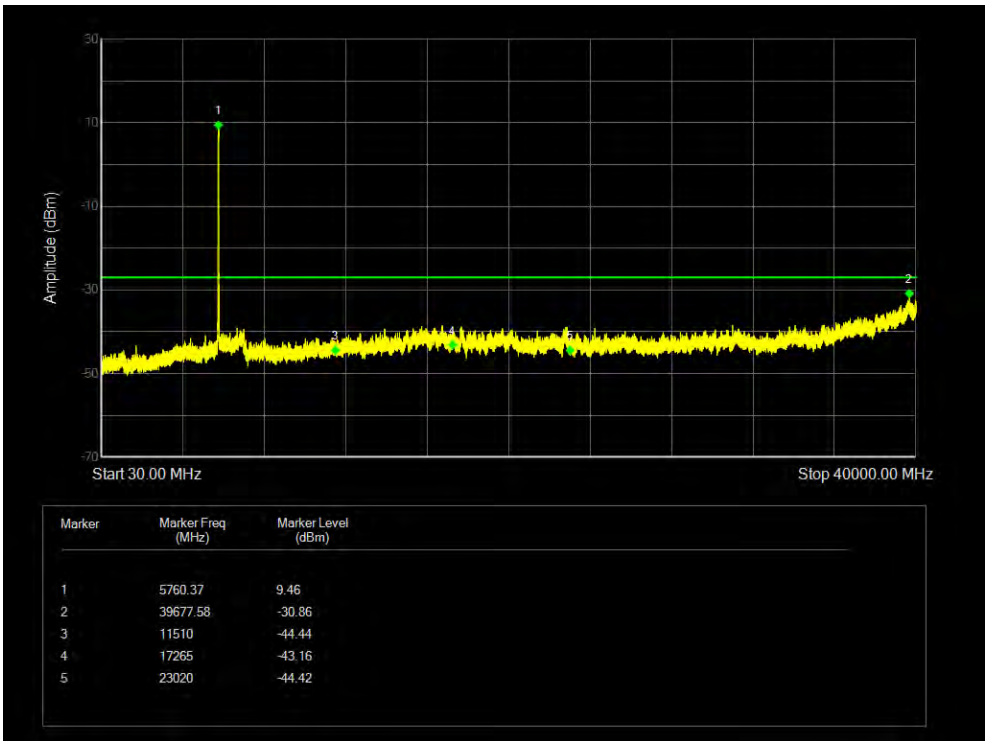
Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant 1 Emission



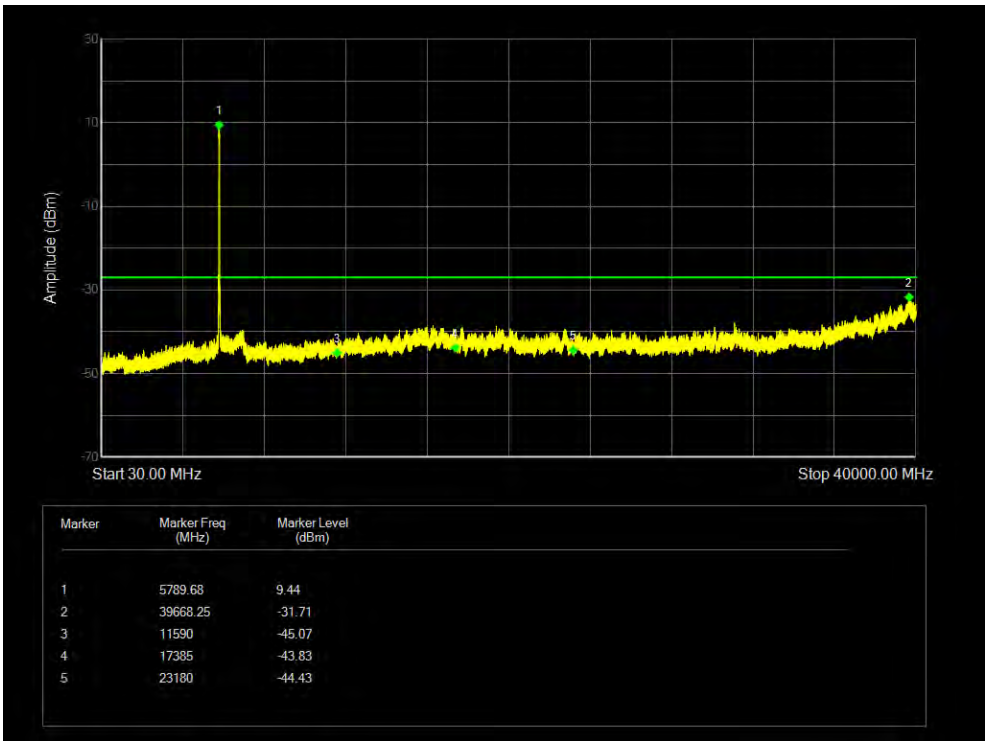
Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant 1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant 2 Emission



Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant 2 Emission

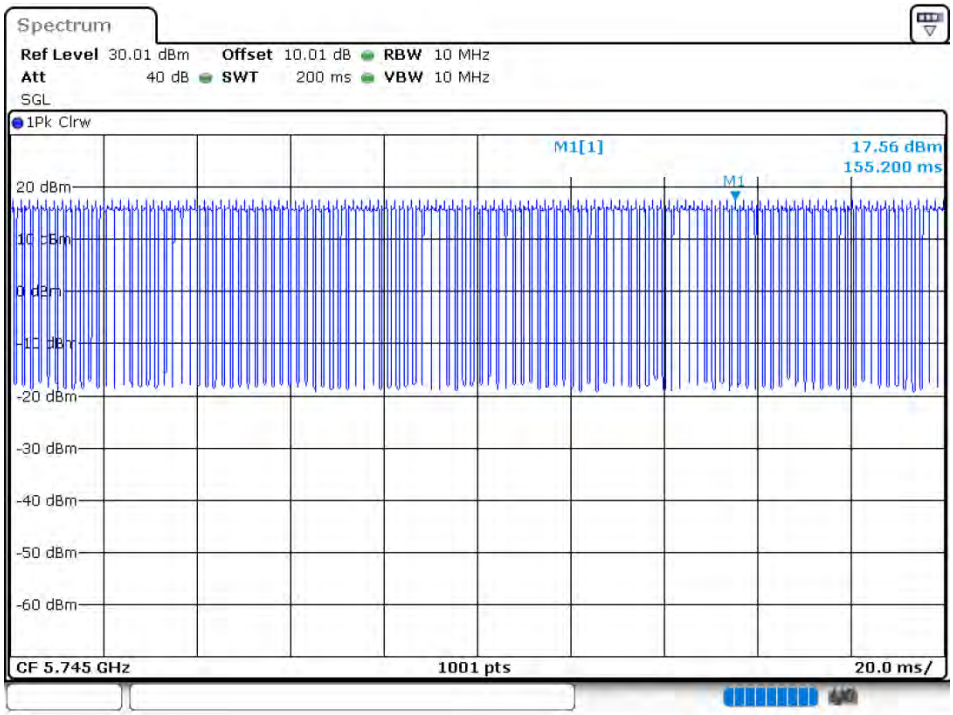


5.8G MIMO

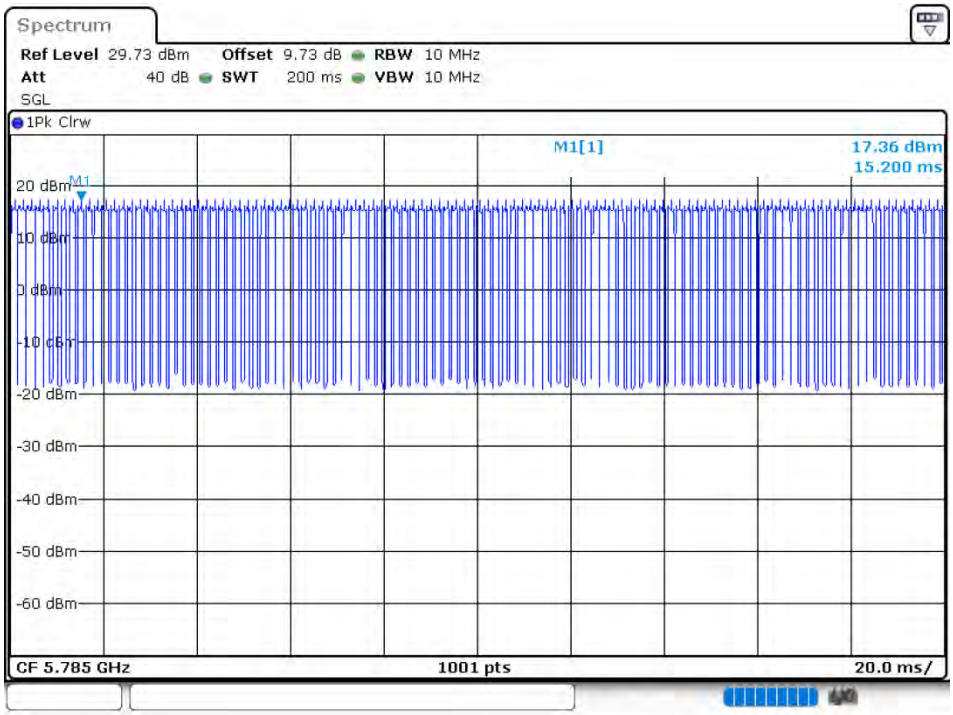
Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11ac20	5745	100	0
NVNT	802.11ac20	5785	100	0
NVNT	802.11ac20	5825	100	0
NVNT	802.11ac40	5755	100	0
NVNT	802.11ac40	5795	100	0
NVNT	802.11ac80	5775	100	0
NVNT	802.11n(HT20)	5745	100	0
NVNT	802.11n(HT20)	5785	100	0
NVNT	802.11n(HT20)	5825	100	0
NVNT	802.11n(HT40)	5755	100	0
NVNT	802.11n(HT40)	5795	100	0

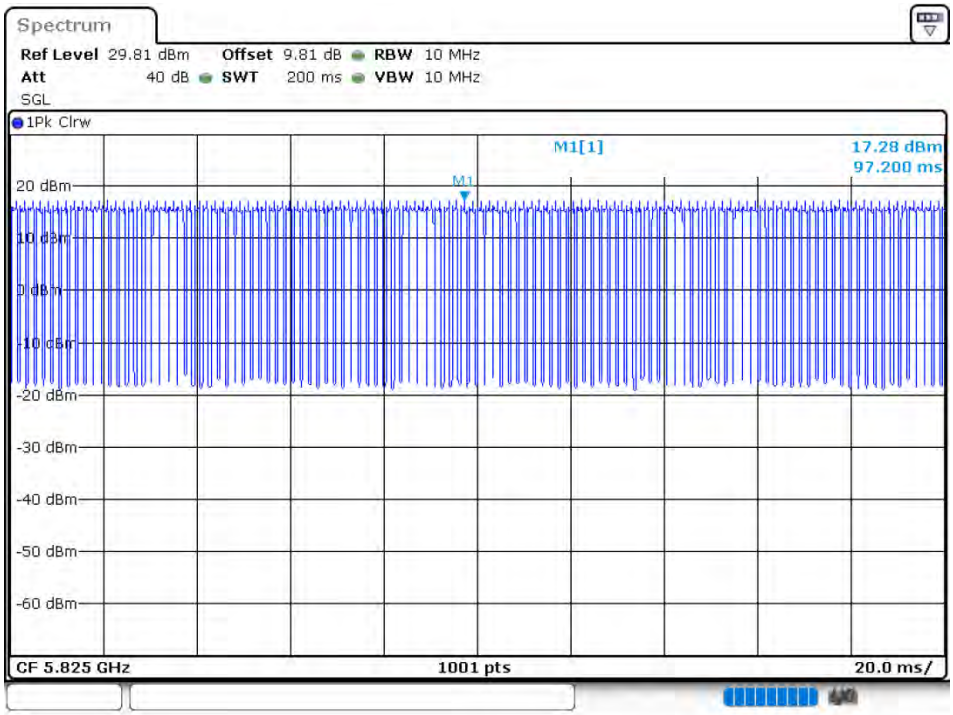
Duty Cycle NVNT 802.11ac20 5745MHz



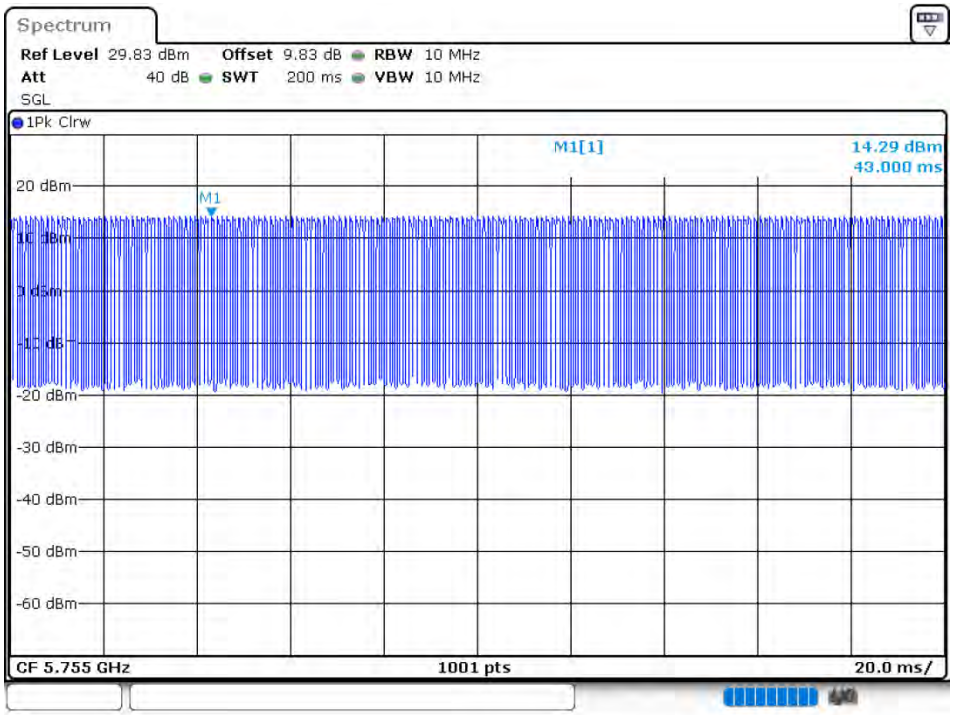
Duty Cycle NVNT 802.11ac20 5785MHz



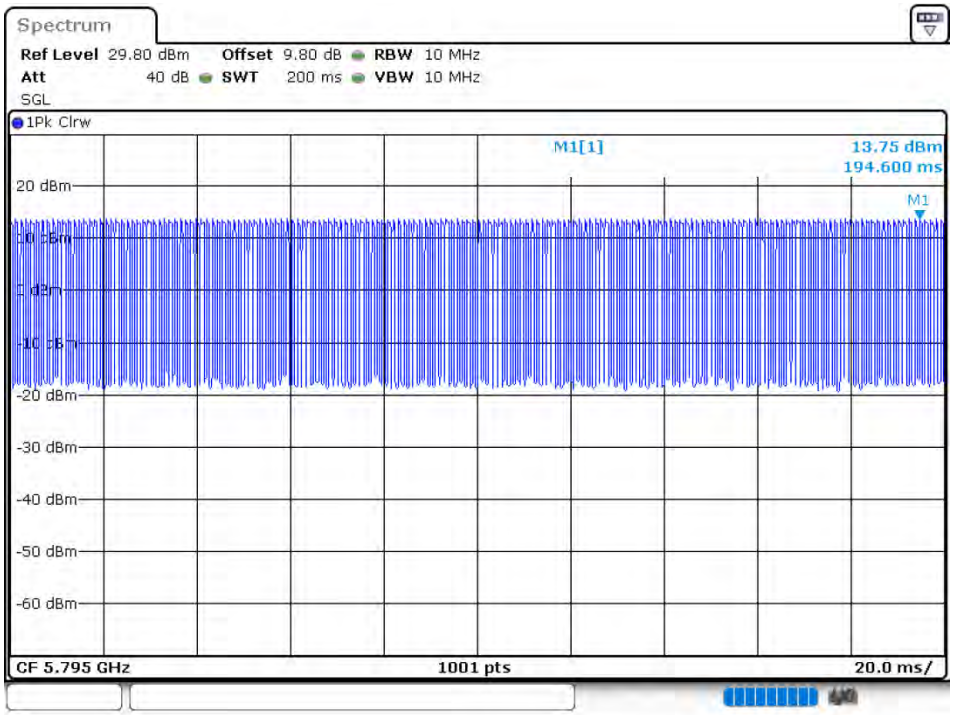
Duty Cycle NVNT 802.11ac20 5825MHz



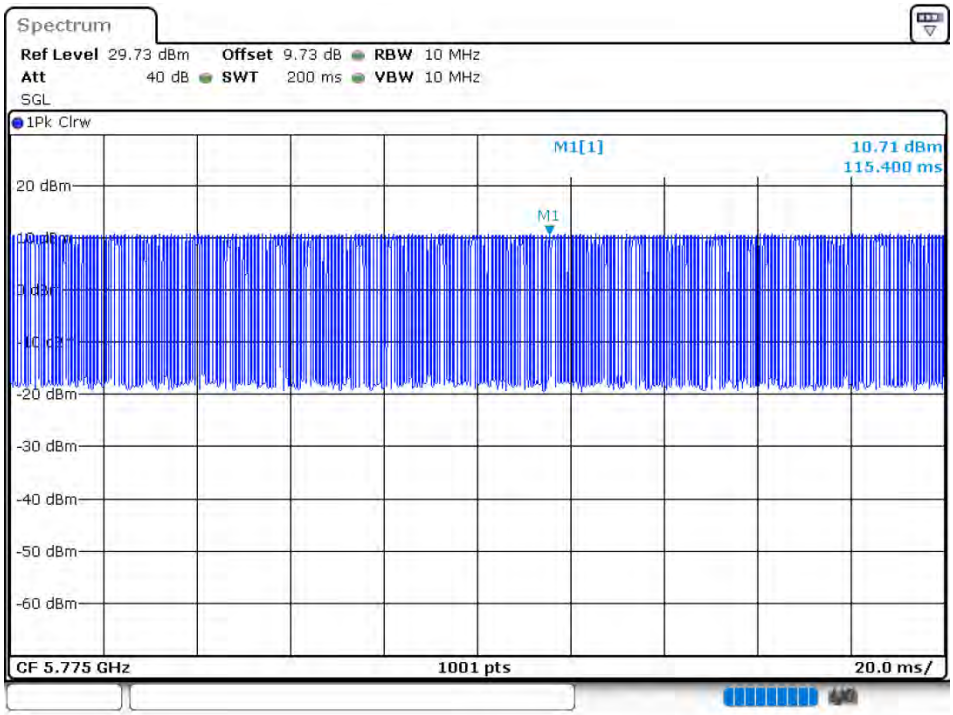
Duty Cycle NVNT 802.11ac40 5755MHz



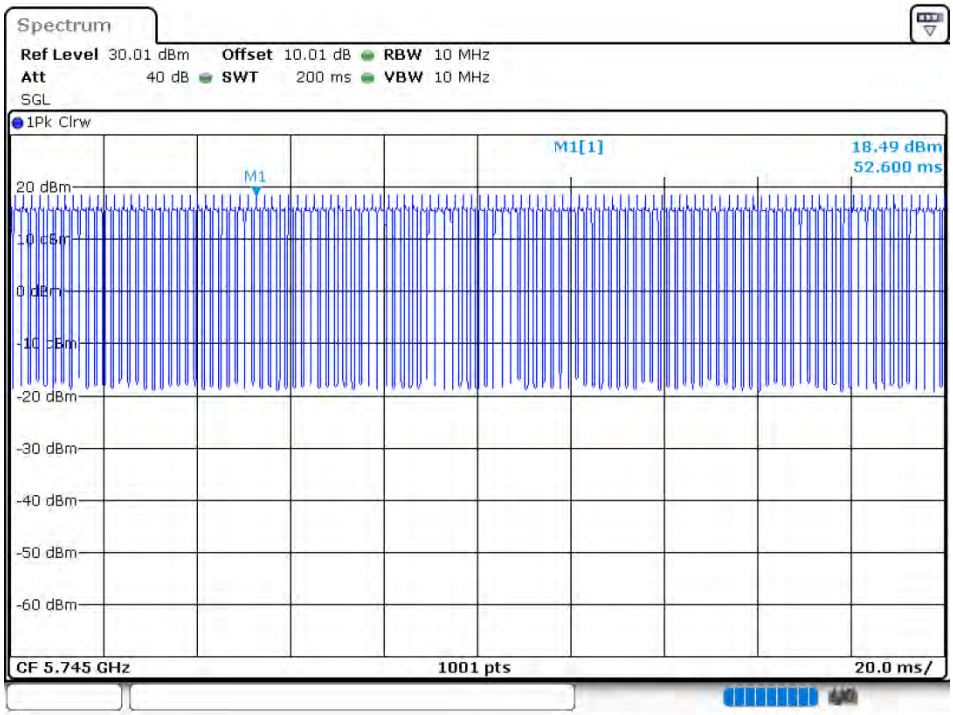
Duty Cycle NVNT 802.11ac40 5795MHz



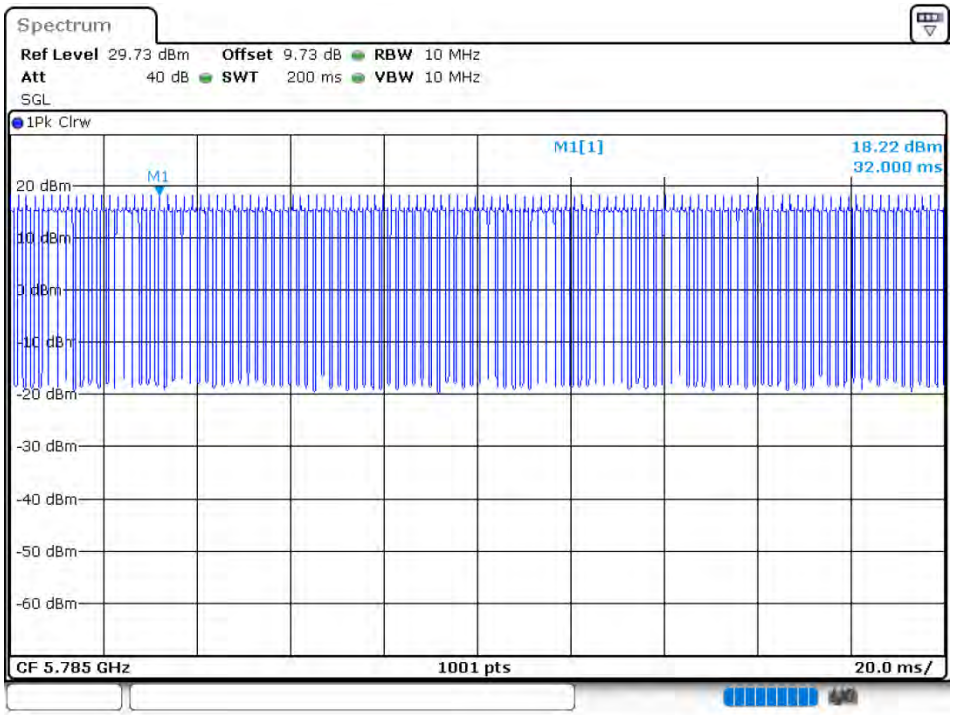
Duty Cycle NVNT 802.11ac80 5775MHz



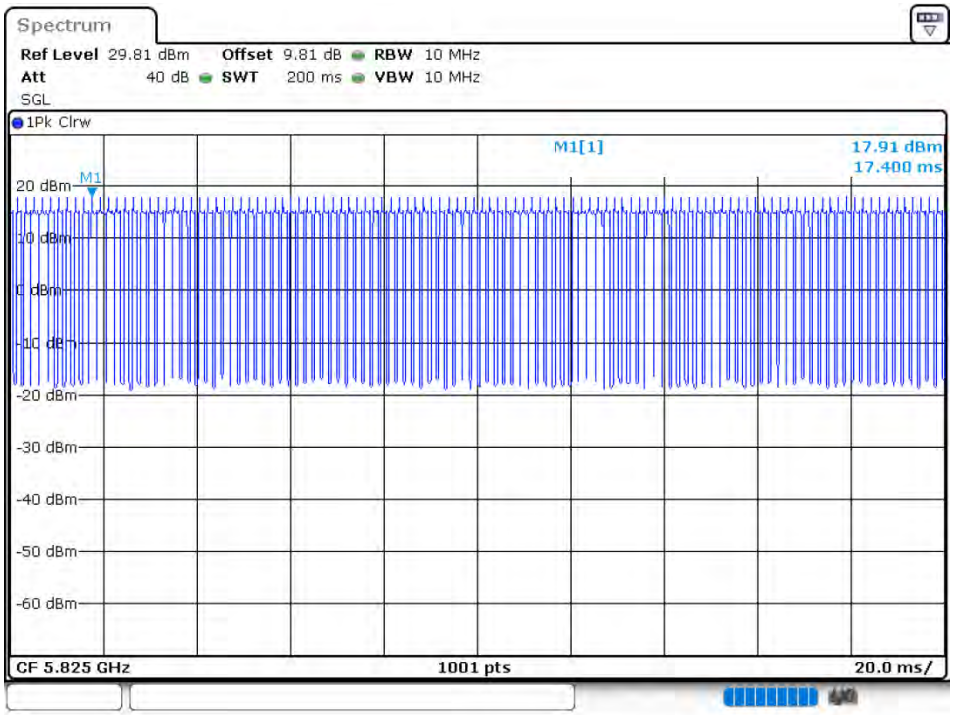
Duty Cycle NVNT 802.11n(HT20) 5745MHz



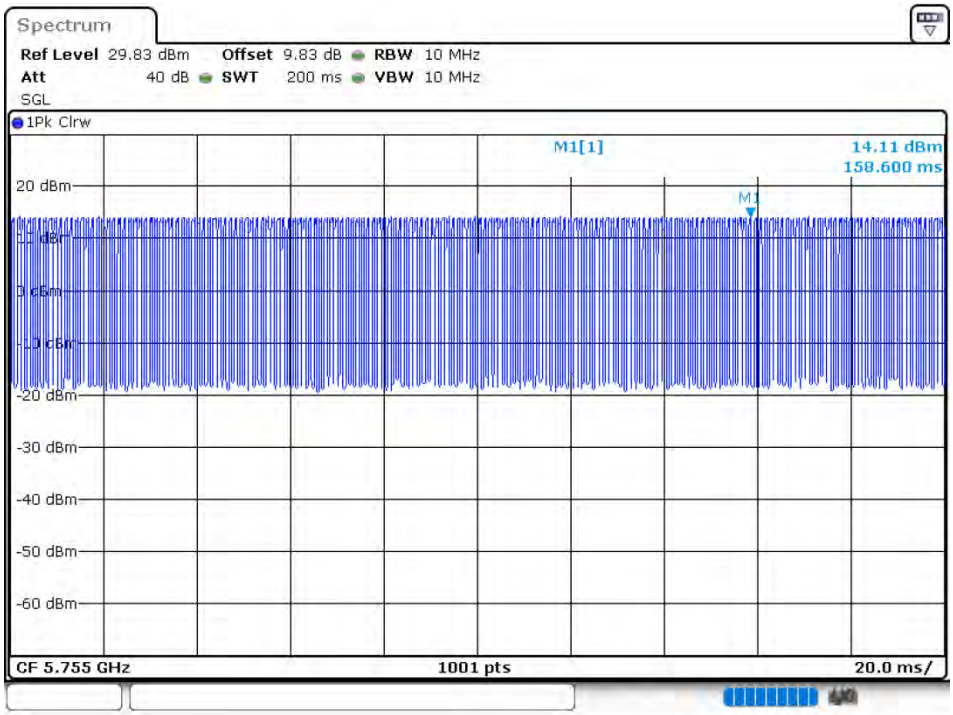
Duty Cycle NVNT 802.11n(HT20) 5785MHz



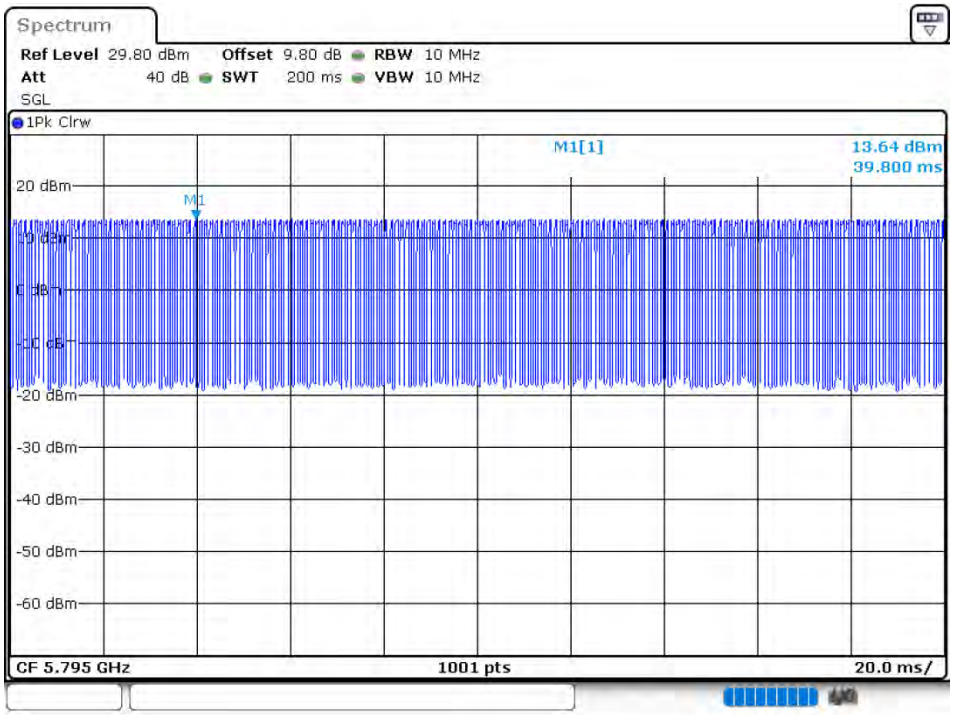
Duty Cycle NVNT 802.11n(HT20) 5825MHz



Duty Cycle NVNT 802.11n(HT40) 5755MHz



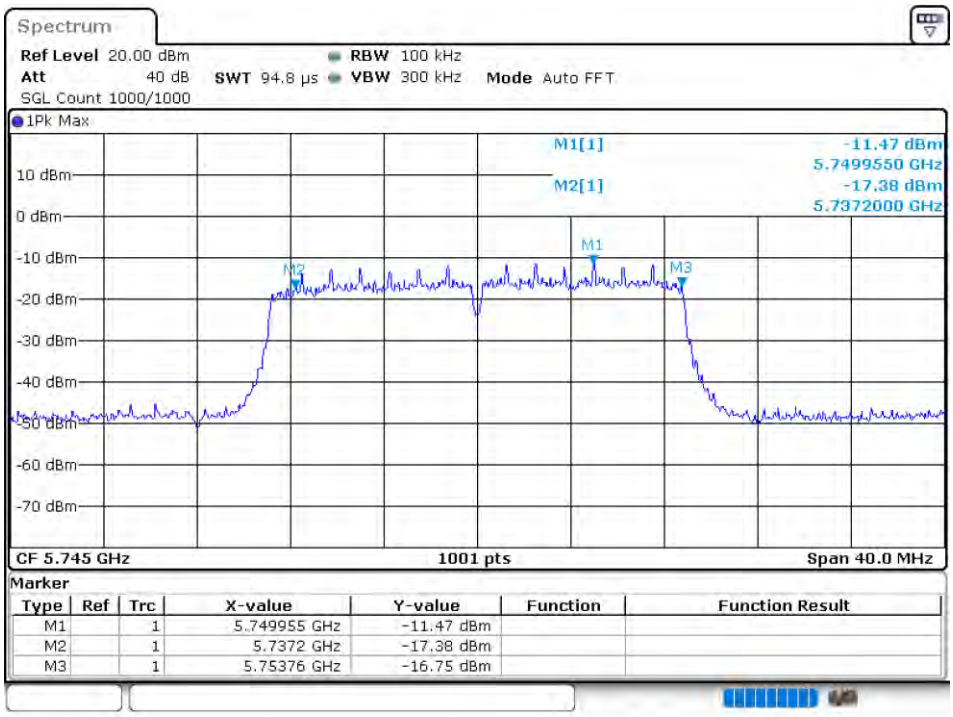
Duty Cycle NVNT 802.11n(HT40) 5795MHz



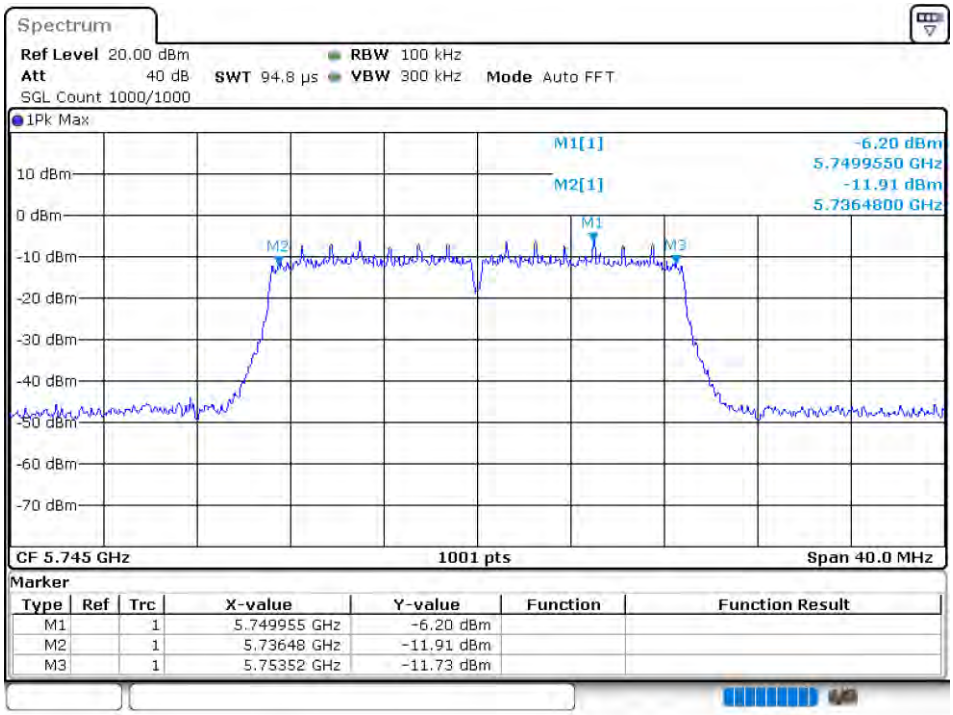
-6dB Emission Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	802.11ac20	5745	Ant 1	16.56	0.5	Pass
NVNT	802.11ac20	5745	Ant 2	17.04	0.5	Pass
NVNT	802.11ac20	5785	Ant 1	17.32	0.5	Pass
NVNT	802.11ac20	5785	Ant 2	17.04	0.5	Pass
NVNT	802.11ac20	5825	Ant 1	16.92	0.5	Pass
NVNT	802.11ac20	5825	Ant 2	17.28	0.5	Pass
NVNT	802.11ac40	5755	Ant 1	35.04	0.5	Pass
NVNT	802.11ac40	5755	Ant 2	35.12	0.5	Pass
NVNT	802.11ac40	5795	Ant 1	35.12	0.5	Pass
NVNT	802.11ac40	5795	Ant 2	35.12	0.5	Pass
NVNT	802.11ac80	5775	Ant 1	57.6	0.5	Pass
NVNT	802.11ac80	5775	Ant 2	75.2	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 1	16.92	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 2	17.56	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 1	17.56	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 2	17.32	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 1	17.16	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 2	17.56	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 1	33.84	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 2	35.2	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 1	35.52	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 2	35.12	0.5	Pass

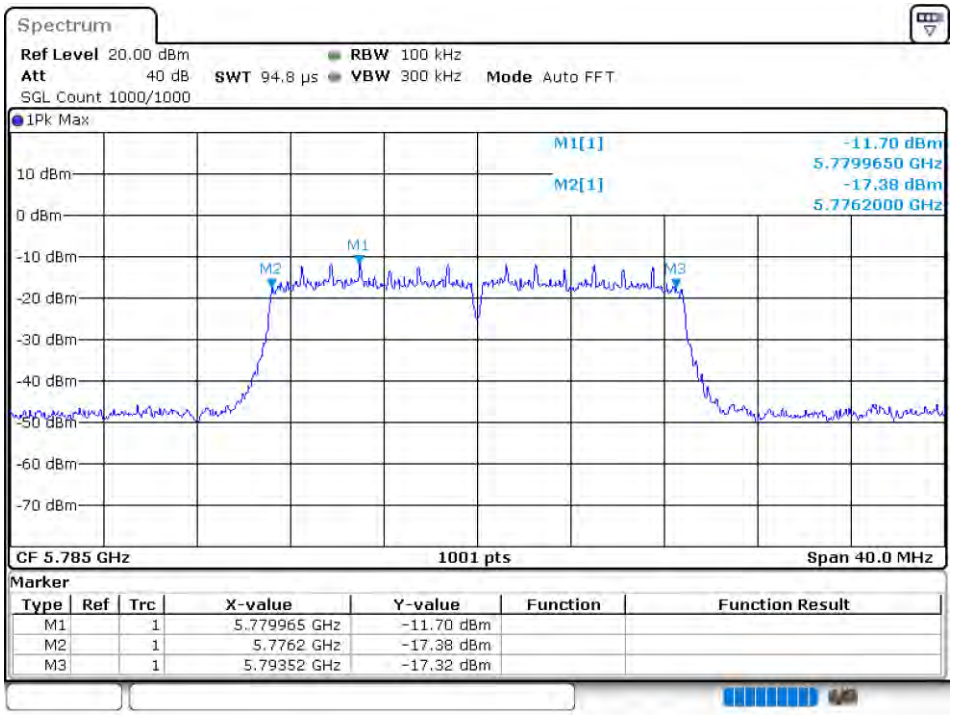
EBW NVNT 802.11ac20 5745MHz Ant1



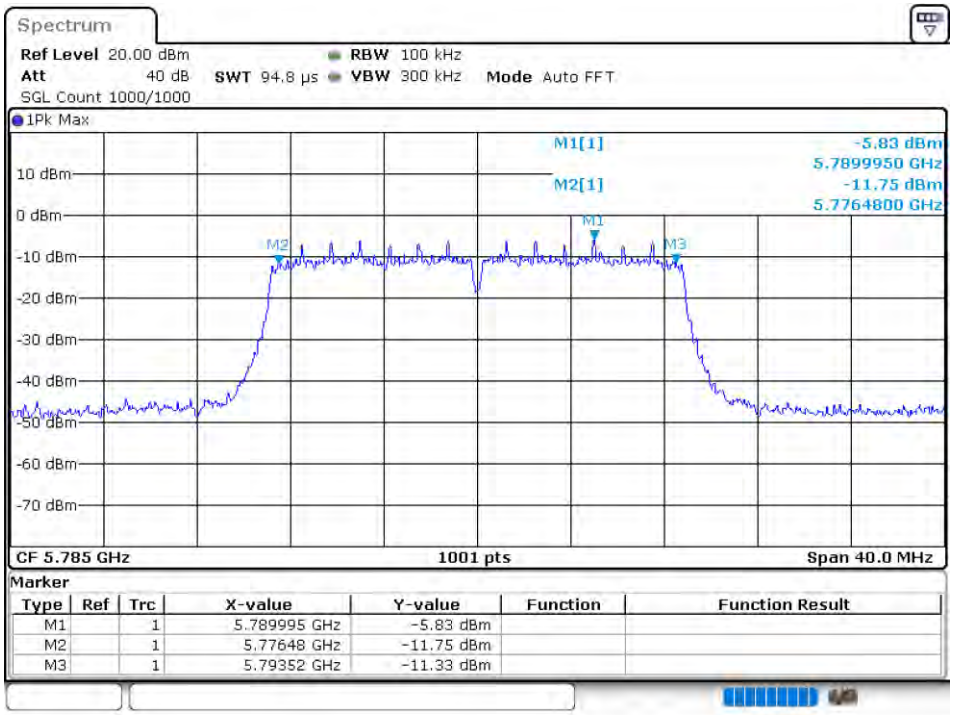
EBW NVNT 802.11ac20 5745MHz Ant2



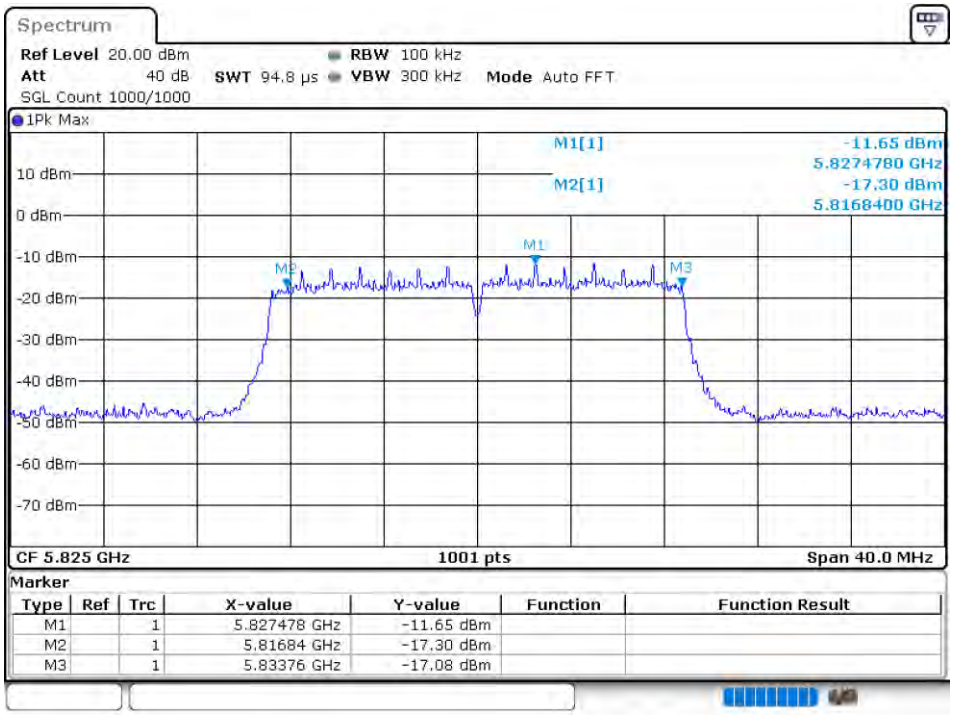
EBW NVNT 802.11ac20 5785MHz Ant1



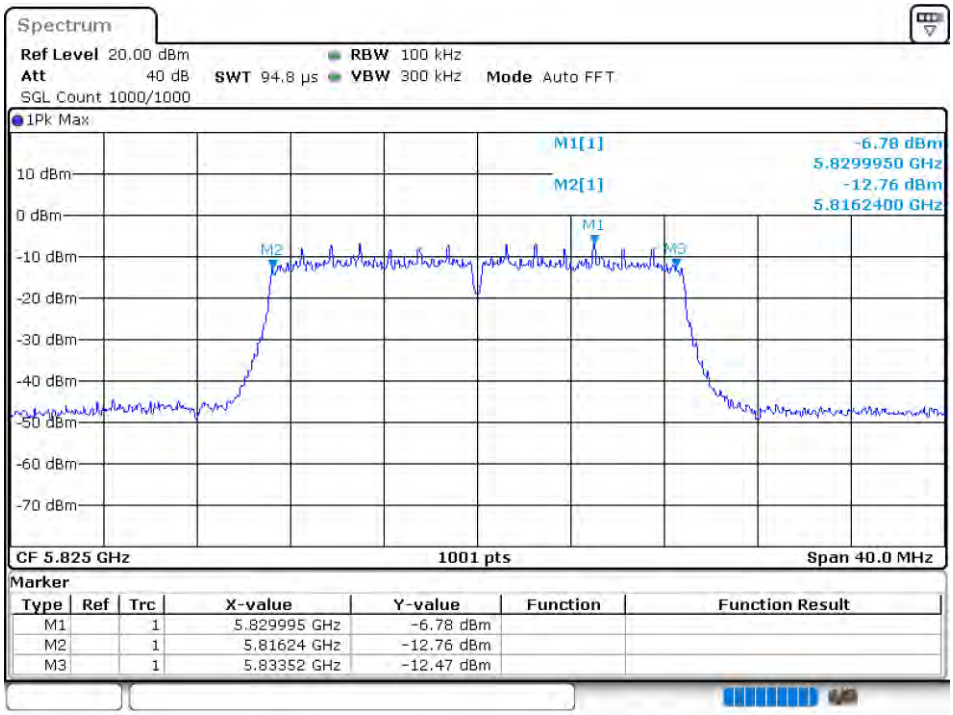
EBW NVNT 802.11ac20 5785MHz Ant2



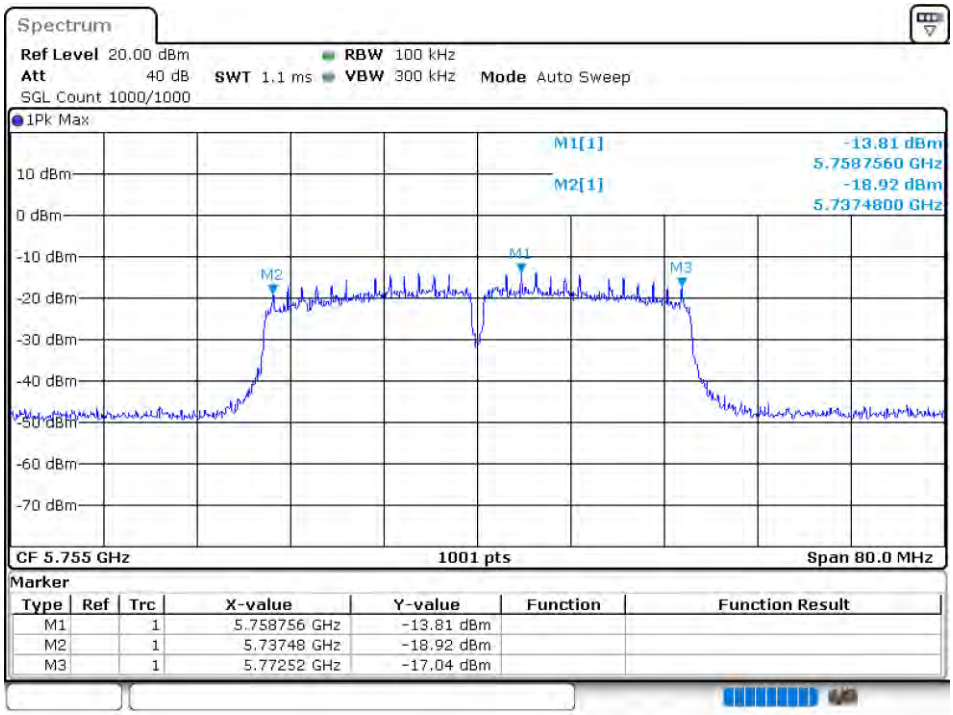
EBW NVNT 802.11ac20 5825MHz Ant1



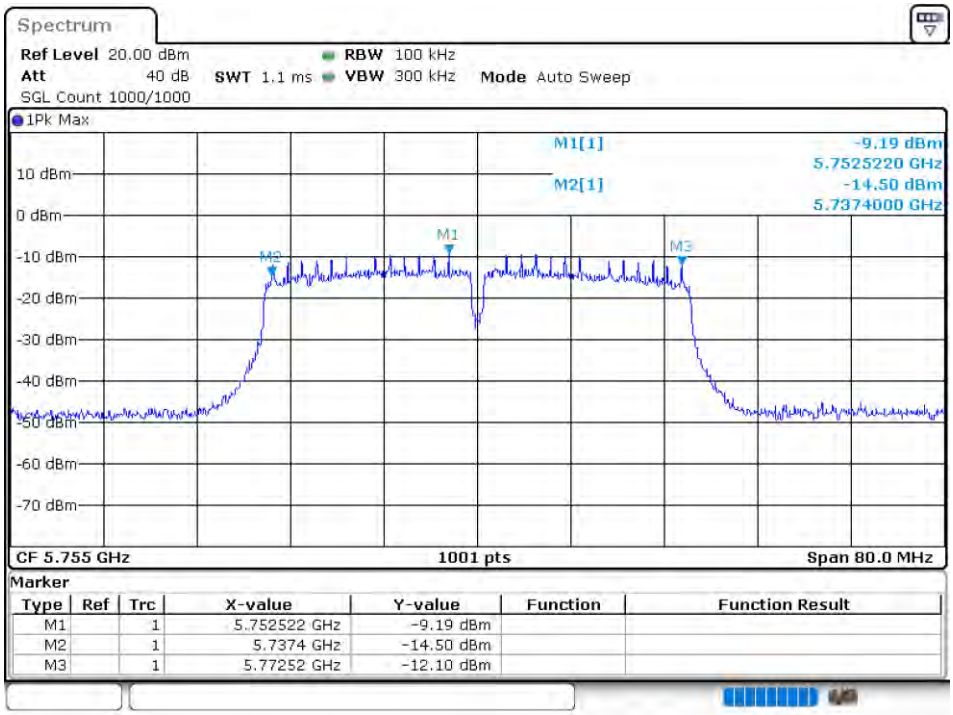
EBW NVNT 802.11ac20 5825MHz Ant2



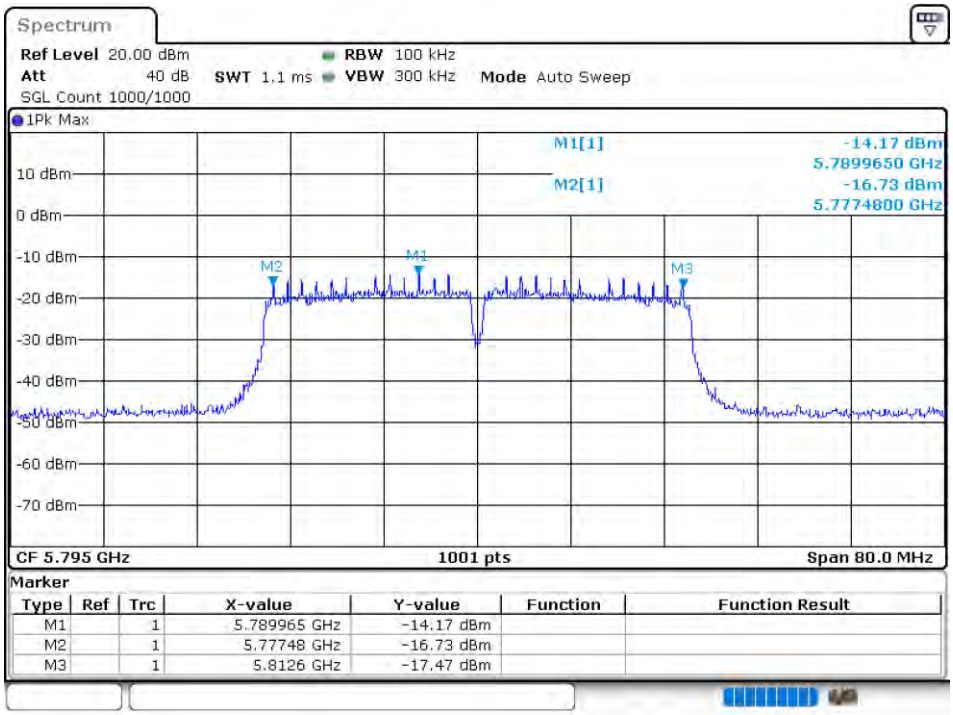
EBW NVNT 802.11ac40 5755MHz Ant1



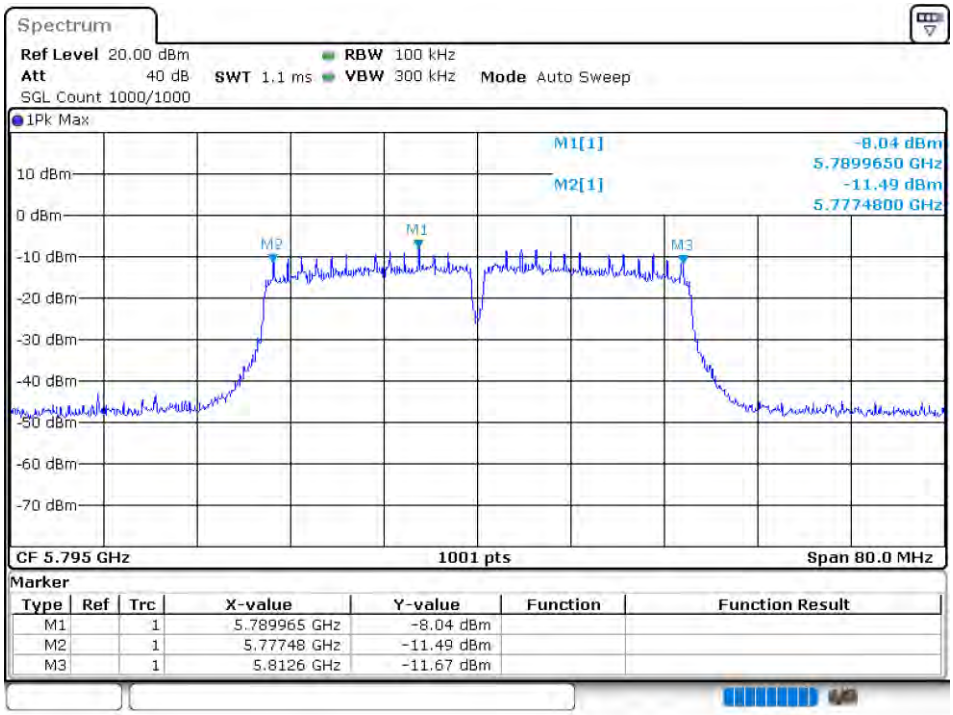
EBW NVNT 802.11ac40 5755MHz Ant2



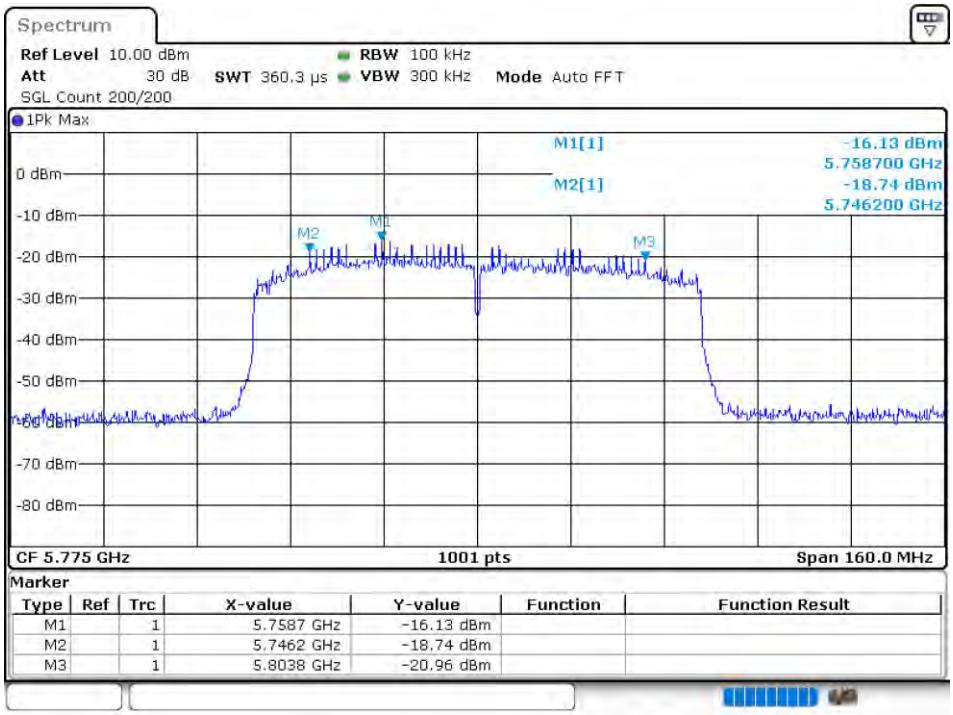
EBW NVNT 802.11ac40 5795MHz Ant1



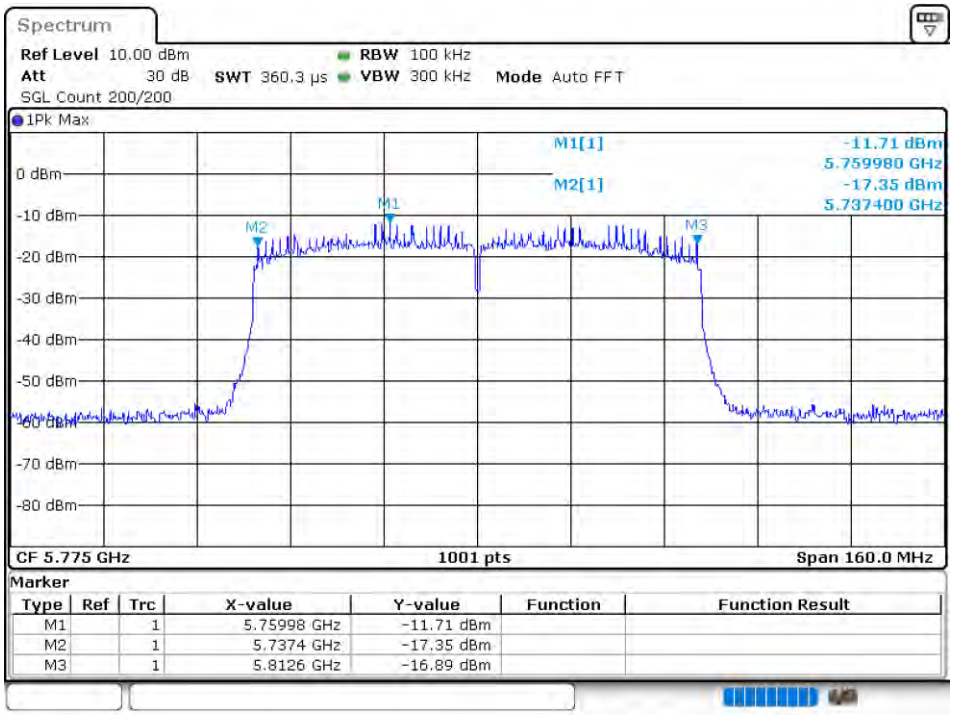
EBW NVNT 802.11ac40 5795MHz Ant2



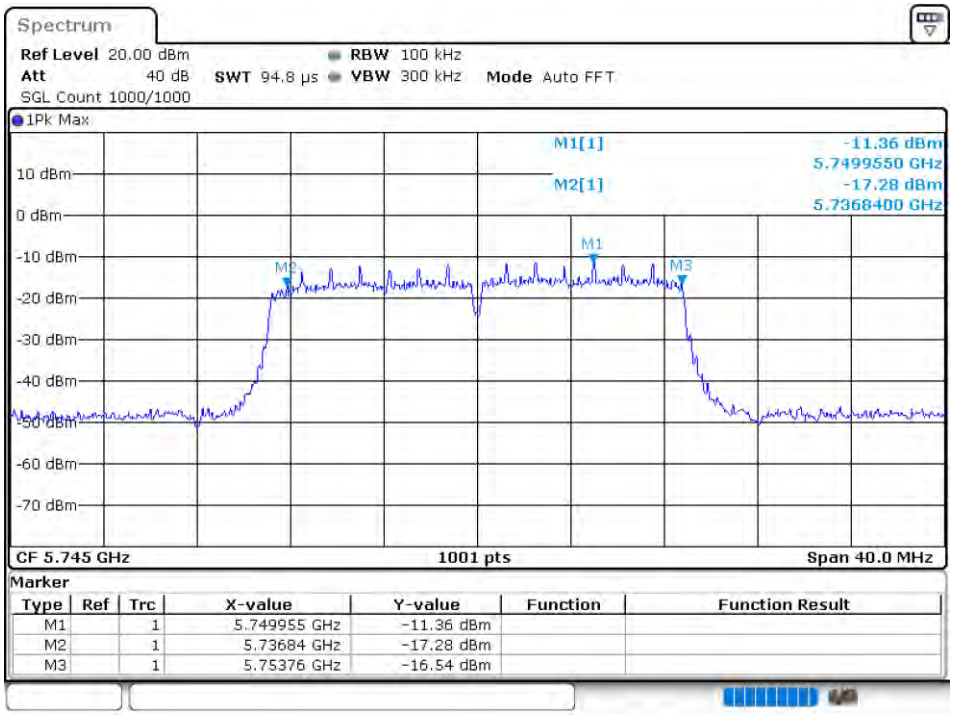
EBW NVNT 802.11ac80 5775MHz Ant1



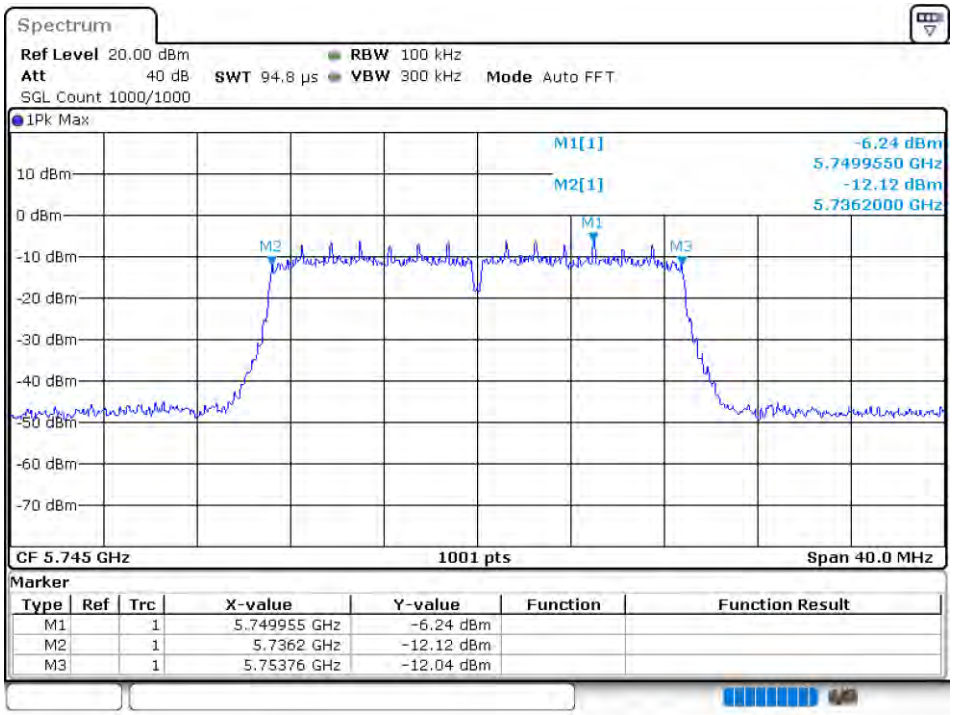
EBW NVNT 802.11ac80 5775MHz Ant2



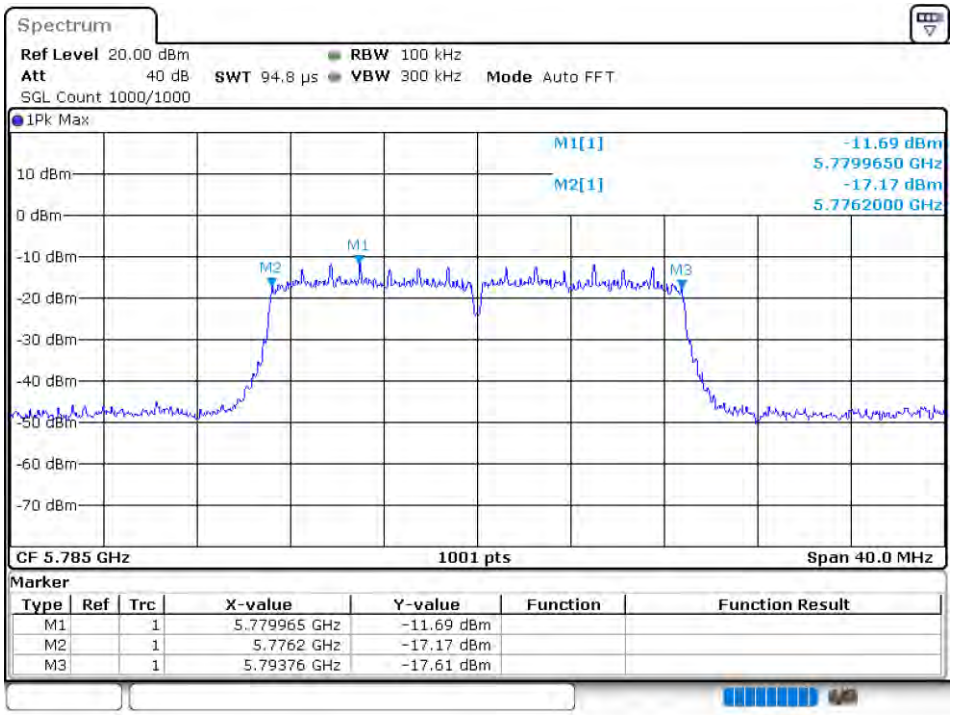
EBW NVNT 802.11n(HT20) 5745MHz Ant1



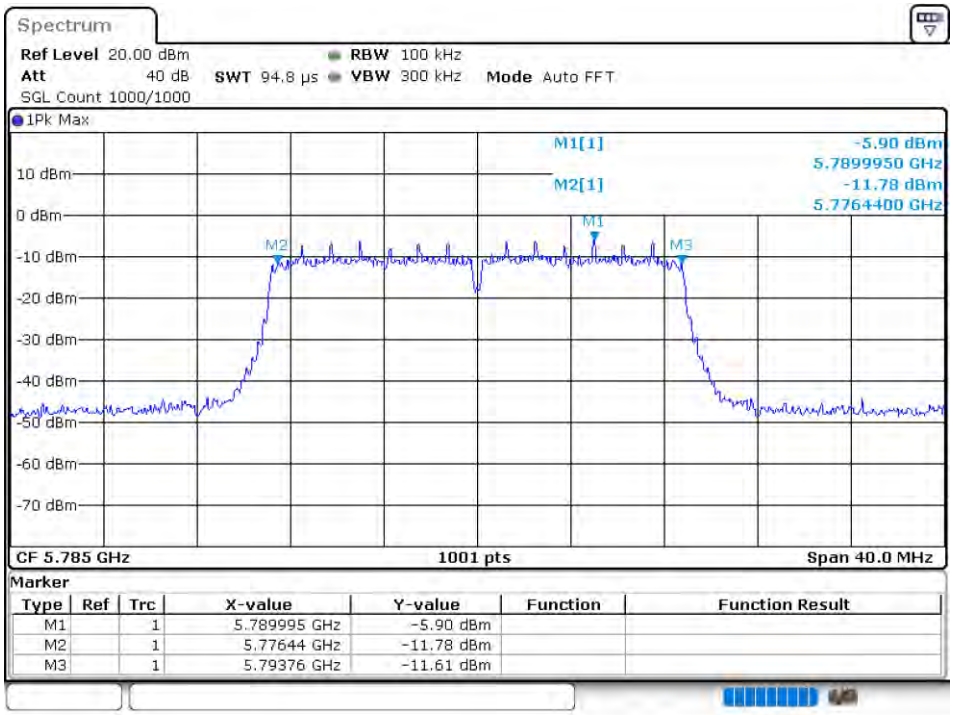
EBW NVNT 802.11n(HT20) 5745MHz Ant2



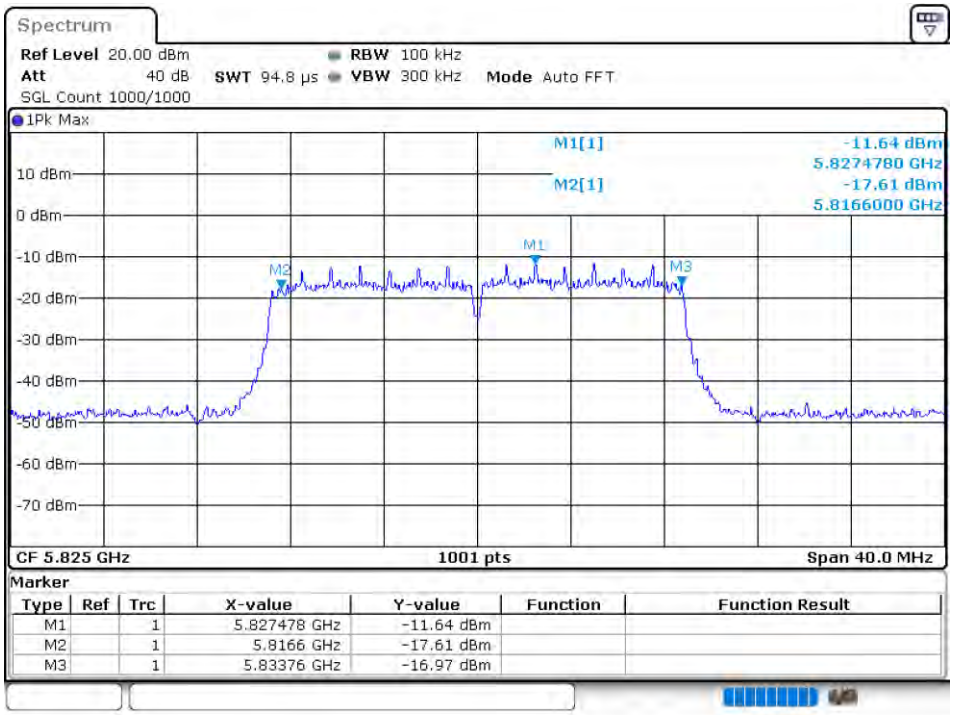
EBW NVNT 802.11n(HT20) 5785MHz Ant1



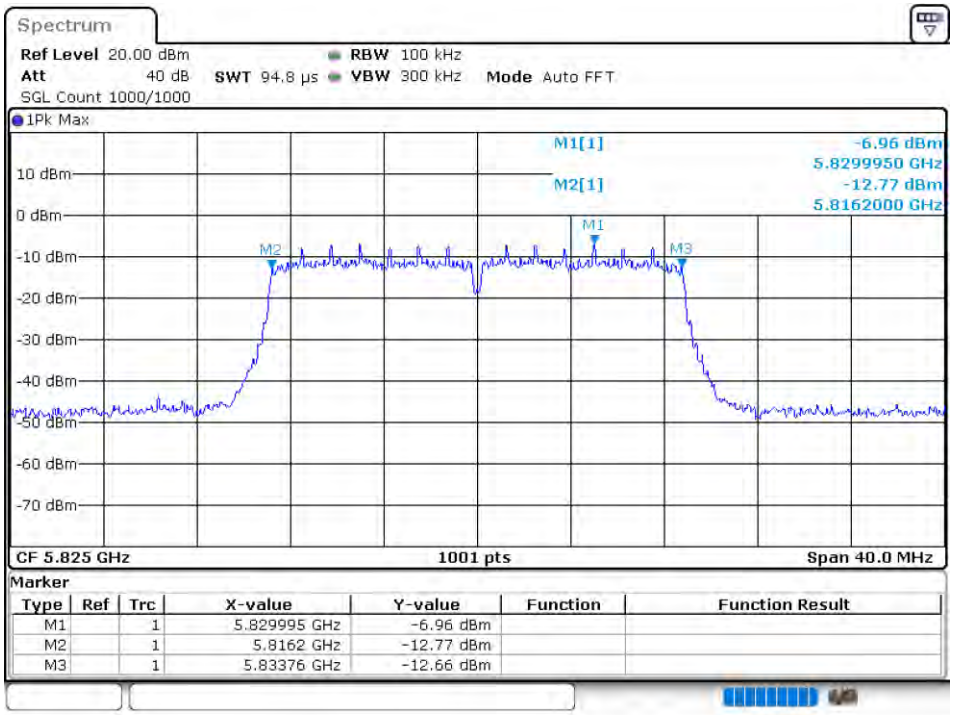
EBW NVNT 802.11n(HT20) 5785MHz Ant2



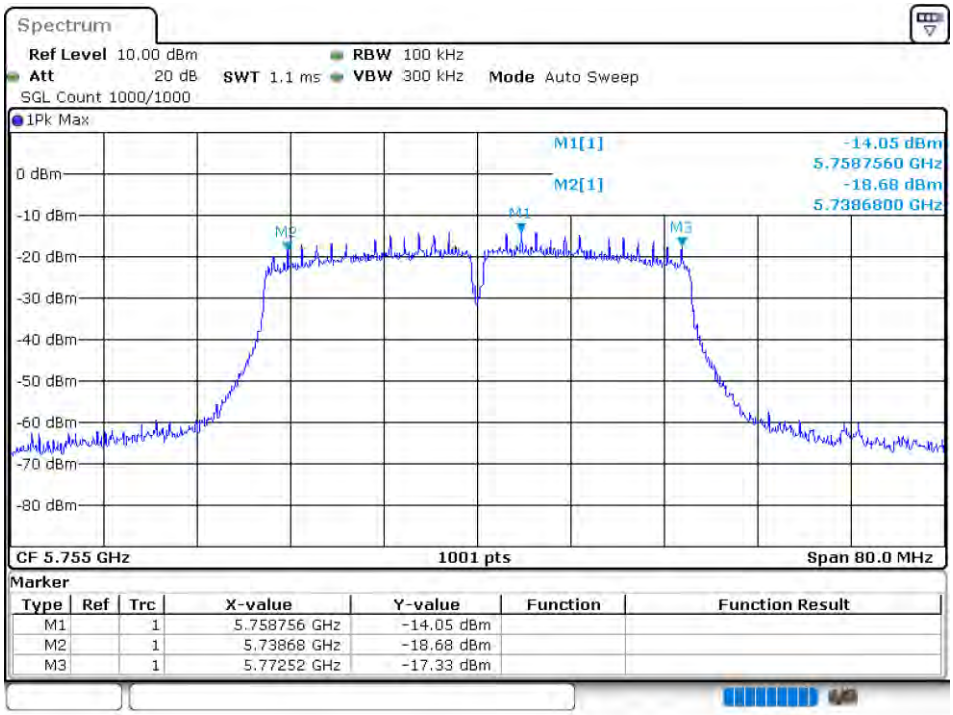
EBW NVNT 802.11n(HT20) 5825MHz Ant1



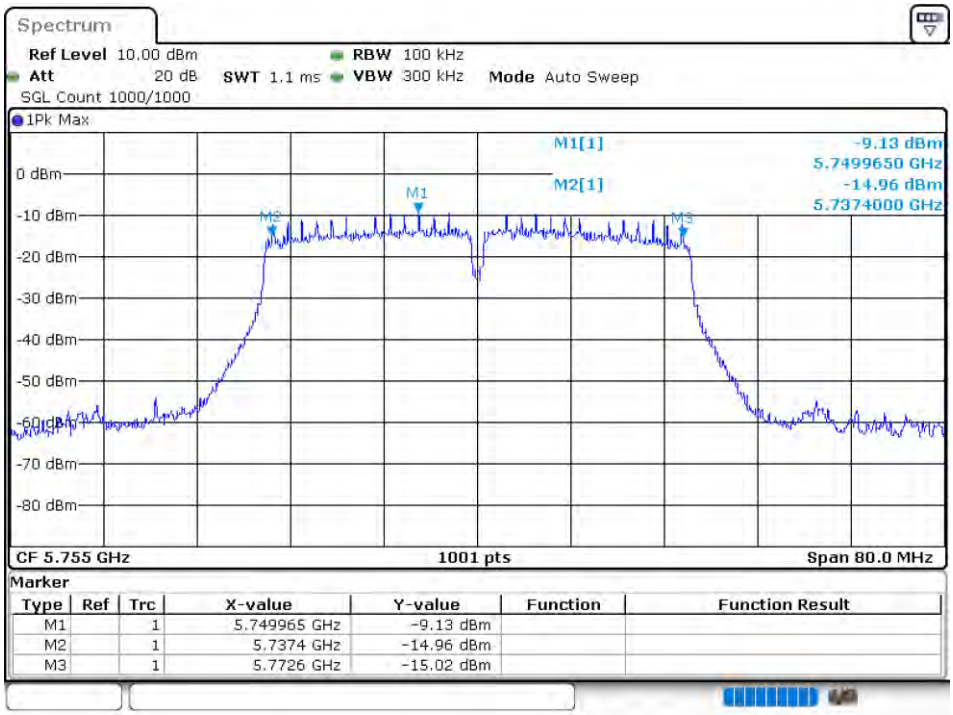
EBW NVNT 802.11n(HT20) 5825MHz Ant2



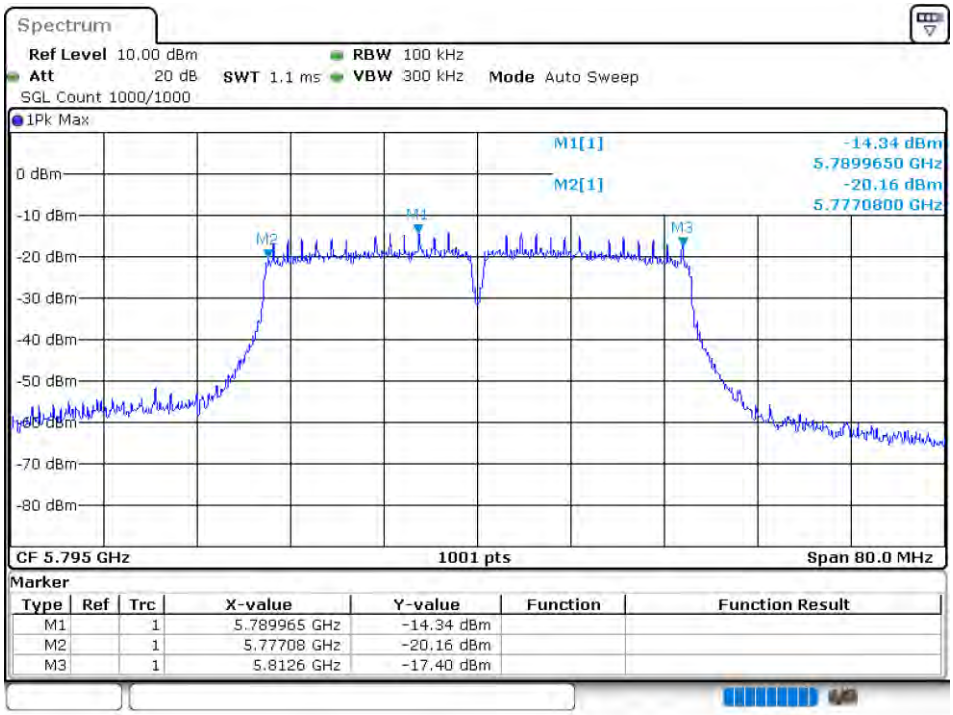
EBW NVNT 802.11n(HT40) 5755MHz Ant1



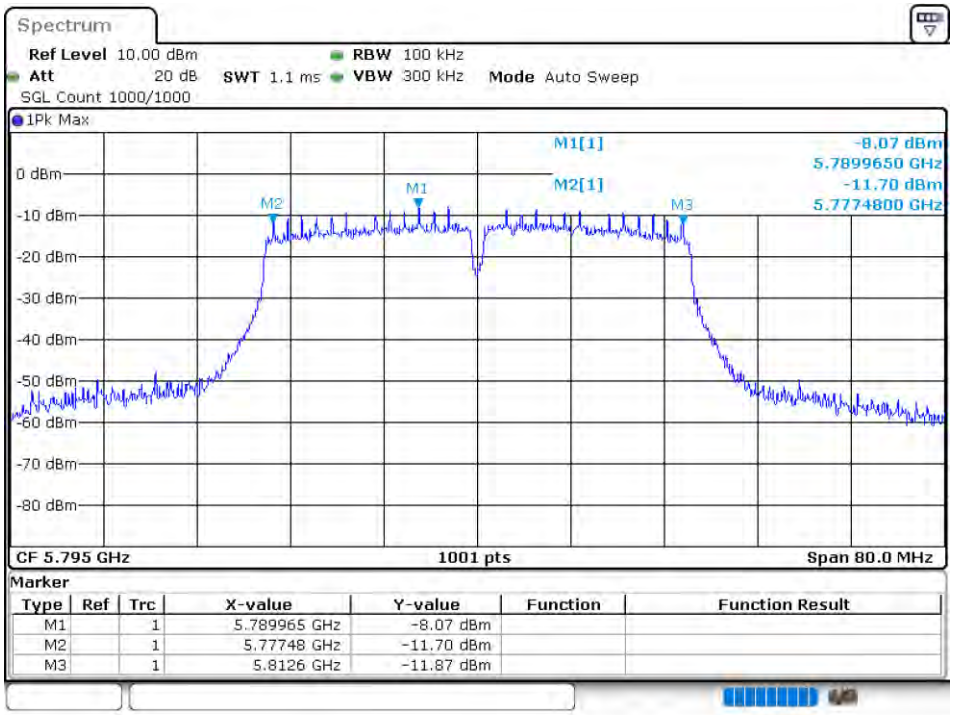
EBW NVNT 802.11n(HT40) 5755MHz Ant2



EBW NVNT 802.11n(HT40) 5795MHz Ant1



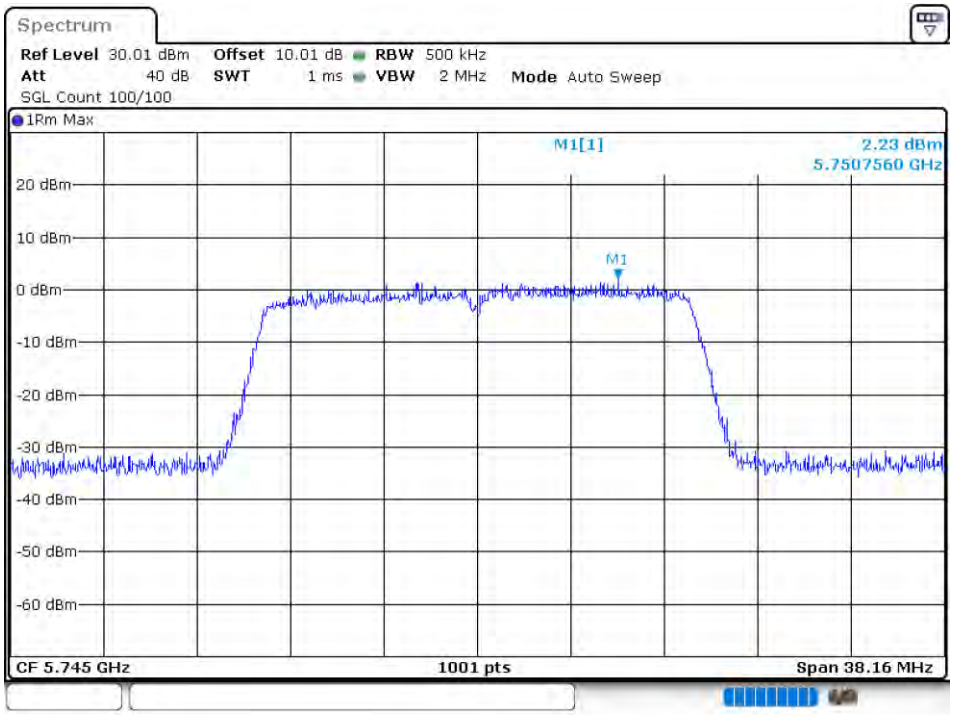
EBW NVNT 802.11n(HT40) 5795MHz Ant2



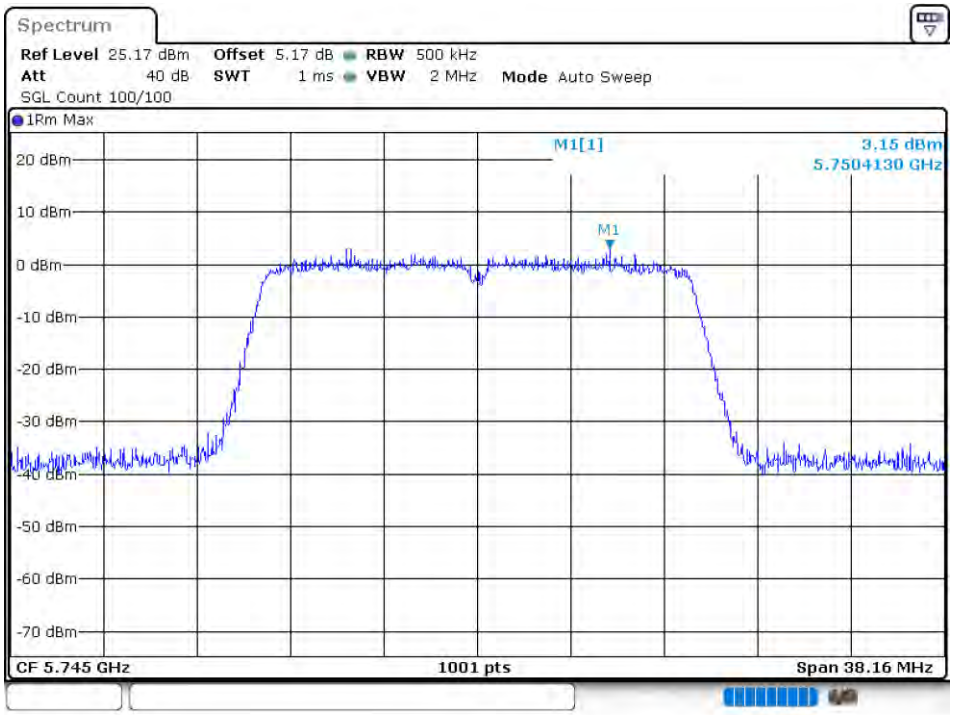
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11ac20	5745	Ant 1	2.234	29.67	Pass
NVNT	802.11ac20	5745	Ant 2	3.152	30	Pass
NVNT	802.11ac20	5745	Sum	5.728	27.11	Pass
NVNT	802.11ac20	5785	Ant 1	1.14	29.67	Pass
NVNT	802.11ac20	5785	Ant 2	2.884	30	Pass
NVNT	802.11ac20	5785	Sum	5.109	27.11	Pass
NVNT	802.11ac20	5825	Ant 1	1.695	29.67	Pass
NVNT	802.11ac20	5825	Ant 2	2.982	30	Pass
NVNT	802.11ac20	5825	Sum	5.396	27.11	Pass
NVNT	802.11ac40	5755	Ant 1	-1.023	29.67	Pass
NVNT	802.11ac40	5755	Ant 2	-1.114	30	Pass
NVNT	802.11ac40	5755	Sum	1.942	27.11	Pass
NVNT	802.11ac40	5795	Ant 1	-1.577	29.67	Pass
NVNT	802.11ac40	5795	Ant 2	0.085	30	Pass
NVNT	802.11ac40	5795	Sum	2.343	27.11	Pass
NVNT	802.11ac80	5775	Ant 1	-3.208	29.67	Pass
NVNT	802.11ac80	5775	Ant 2	-2.847	30	Pass
NVNT	802.11ac80	5775	Sum	-0.013	27.11	Pass
NVNT	802.11n(HT20)	5745	Ant 1	2.432	29.67	Pass
NVNT	802.11n(HT20)	5745	Ant 2	2.169	30	Pass
NVNT	802.11n(HT20)	5745	Sum	5.313	27.11	Pass
NVNT	802.11n(HT20)	5785	Ant 1	1.082	29.67	Pass
NVNT	802.11n(HT20)	5785	Ant 2	3.13	30	Pass
NVNT	802.11n(HT20)	5785	Sum	5.236	27.11	Pass
NVNT	802.11n(HT20)	5825	Ant 1	1.165	29.67	Pass
NVNT	802.11n(HT20)	5825	Ant 2	1.51	30	Pass
NVNT	802.11n(HT20)	5825	Sum	4.351	27.11	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-1.213	29.67	Pass
NVNT	802.11n(HT40)	5755	Ant 2	-1.32	30	Pass
NVNT	802.11n(HT40)	5755	Sum	1.744	27.11	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-1.283	29.67	Pass
NVNT	802.11n(HT40)	5795	Ant 2	-0.11	30	Pass
NVNT	802.11n(HT40)	5795	Sum	2.353	27.11	Pass

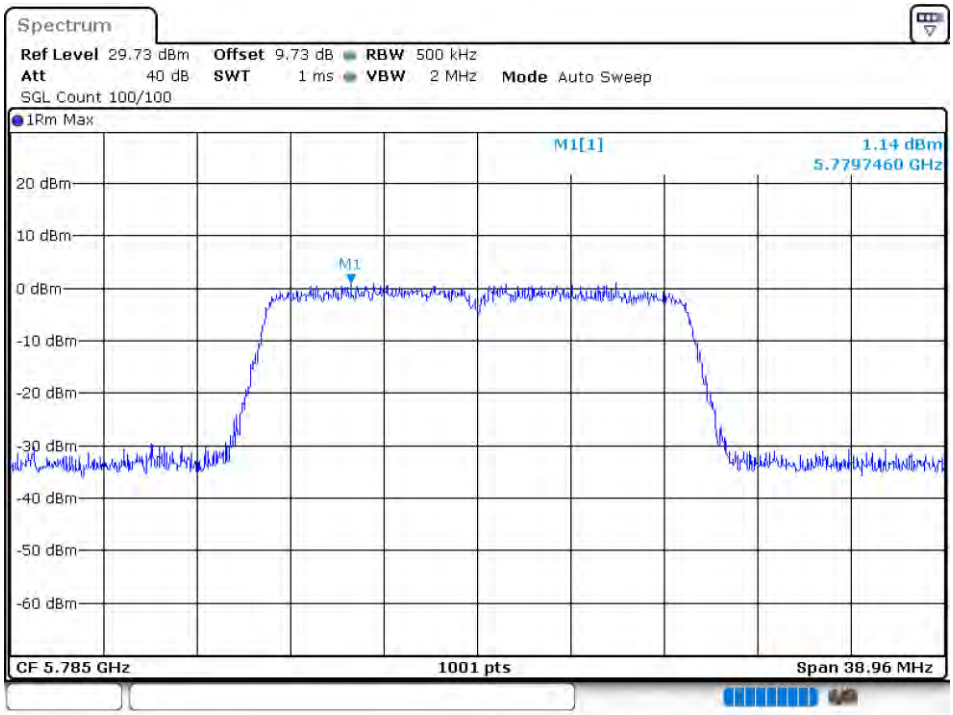
PSD NVNT 802.11ac20 5745MHz Ant1



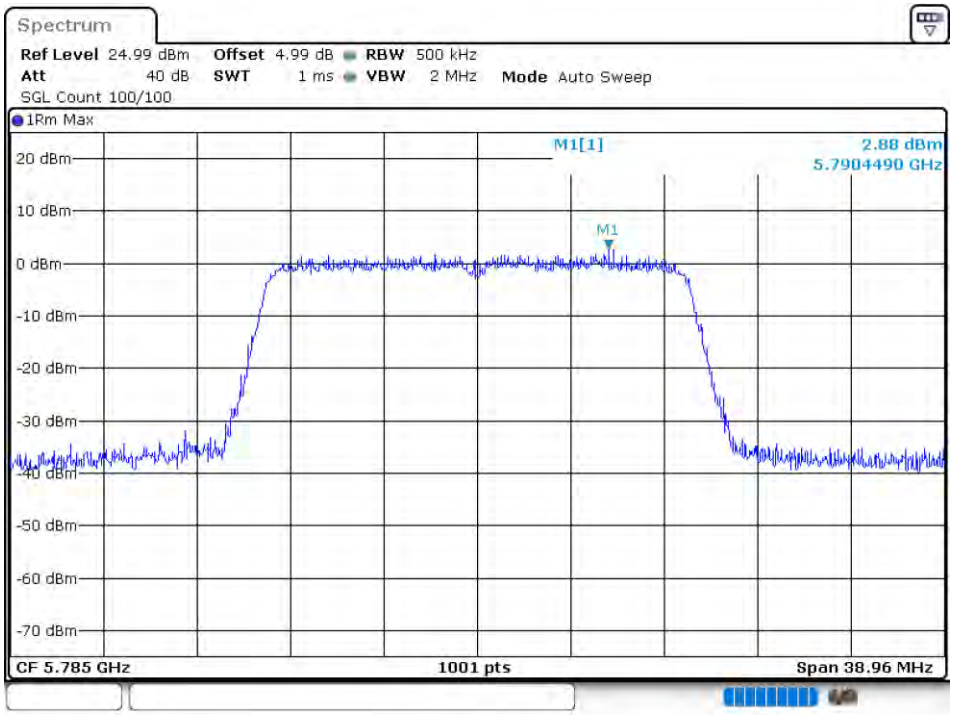
PSD NVNT 802.11ac20 5745MHz Ant2



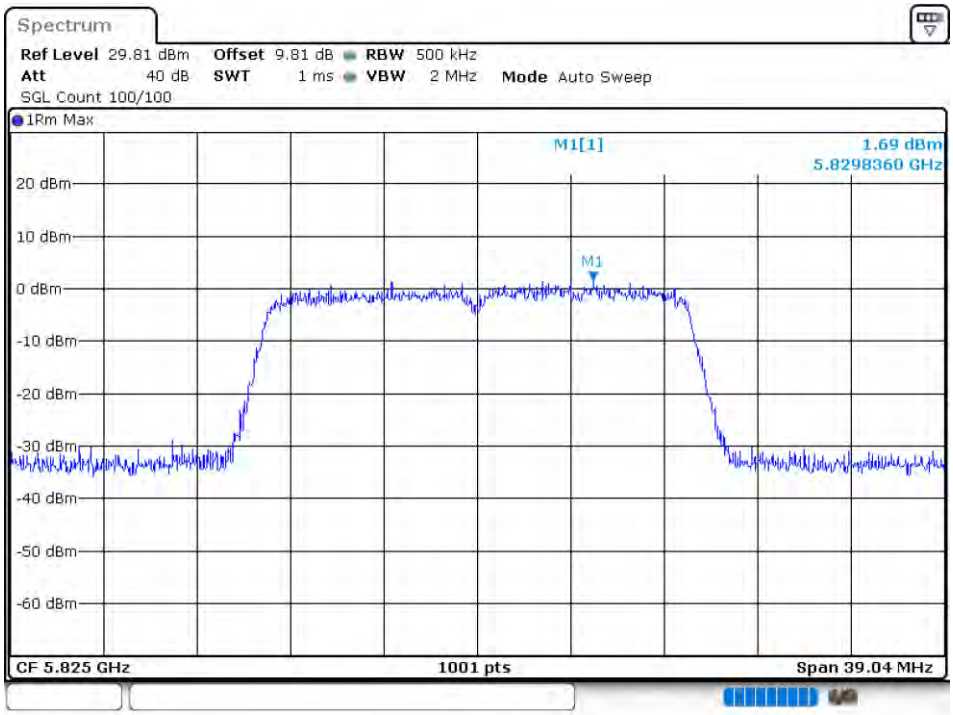
PSD NVNT 802.11ac20 5785MHz Ant1



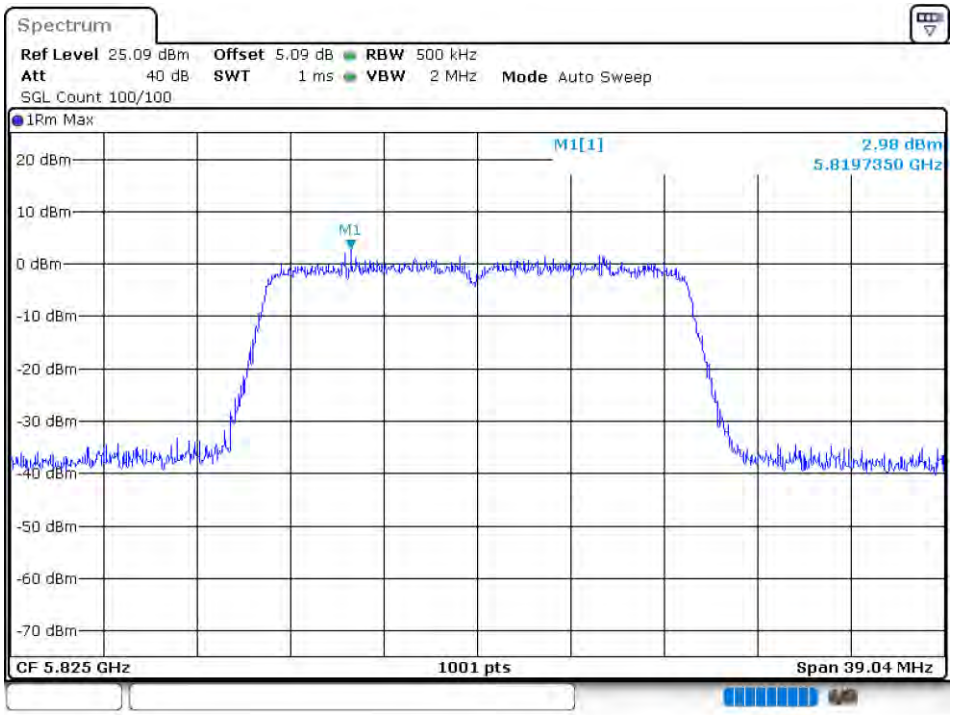
PSD NVNT 802.11ac20 5785MHz Ant2



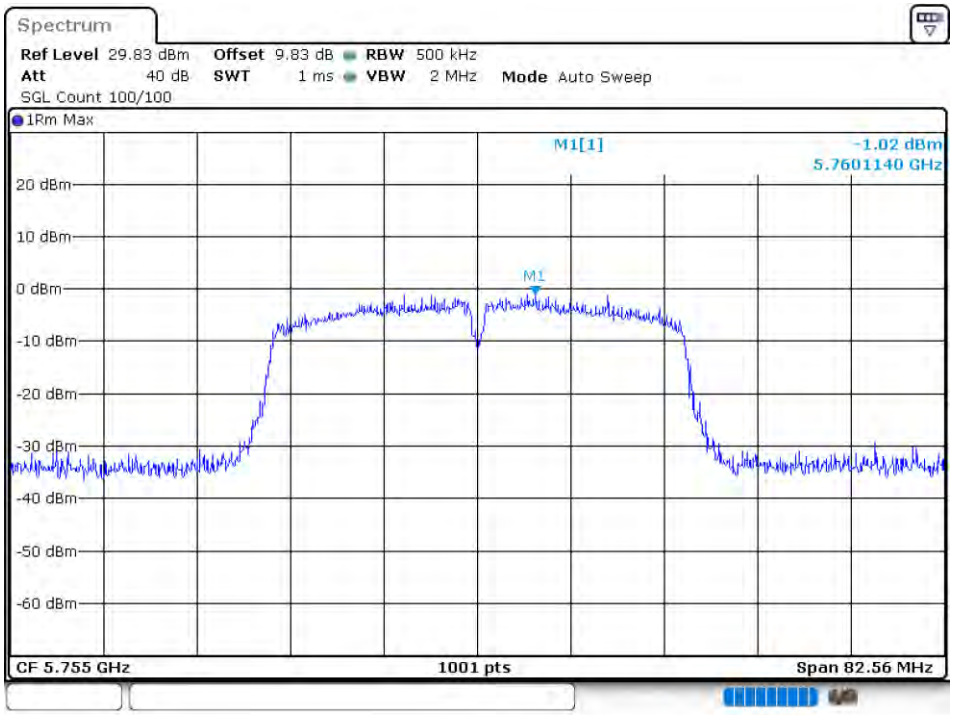
PSD NVNT 802.11ac20 5825MHz Ant1



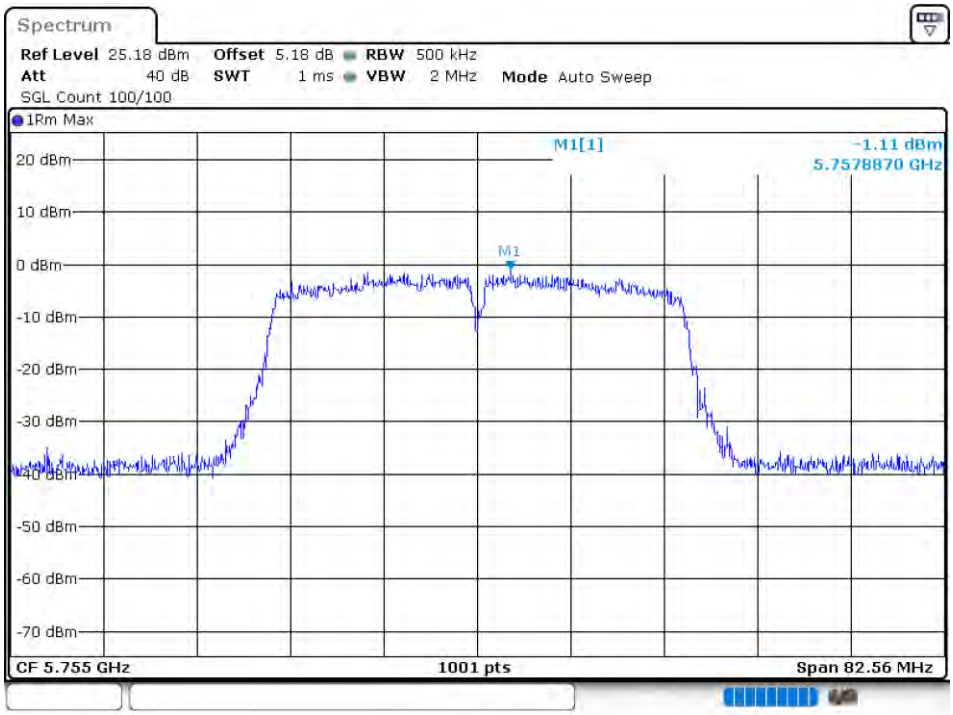
PSD NVNT 802.11ac20 5825MHz Ant2



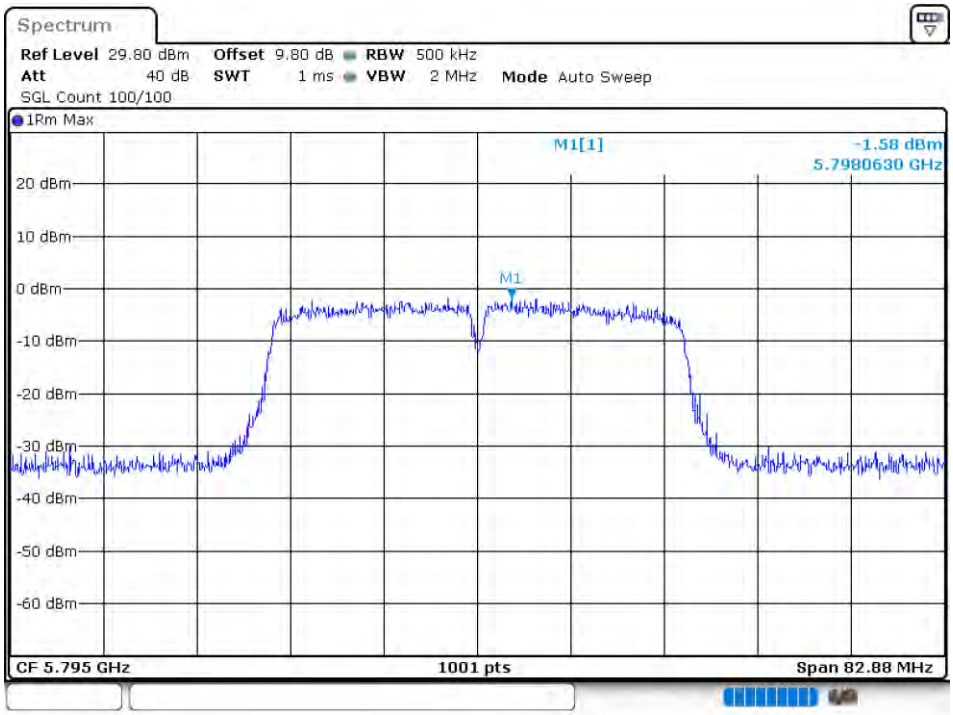
PSD NVNT 802.11ac40 5755MHz Ant1



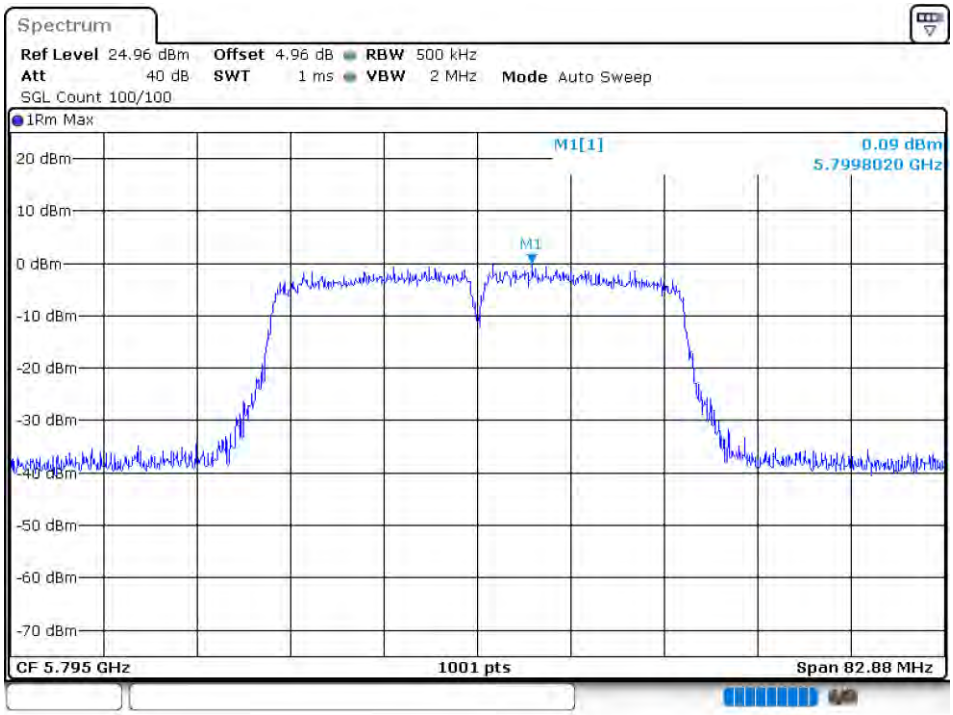
PSD NVNT 802.11ac40 5755MHz Ant2



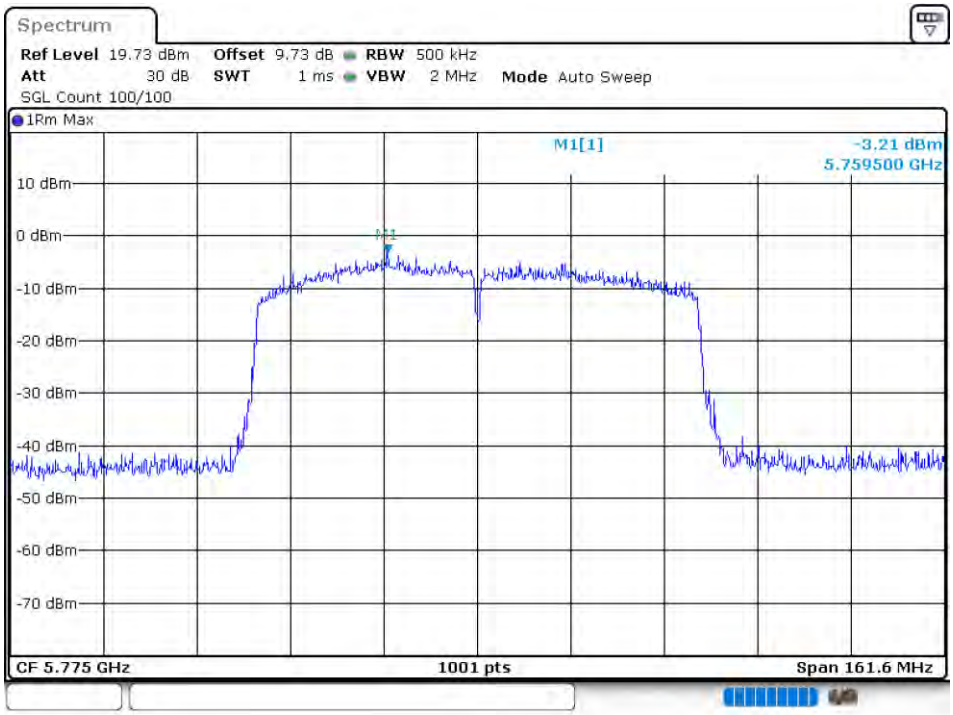
PSD NVNT 802.11ac40 5795MHz Ant1



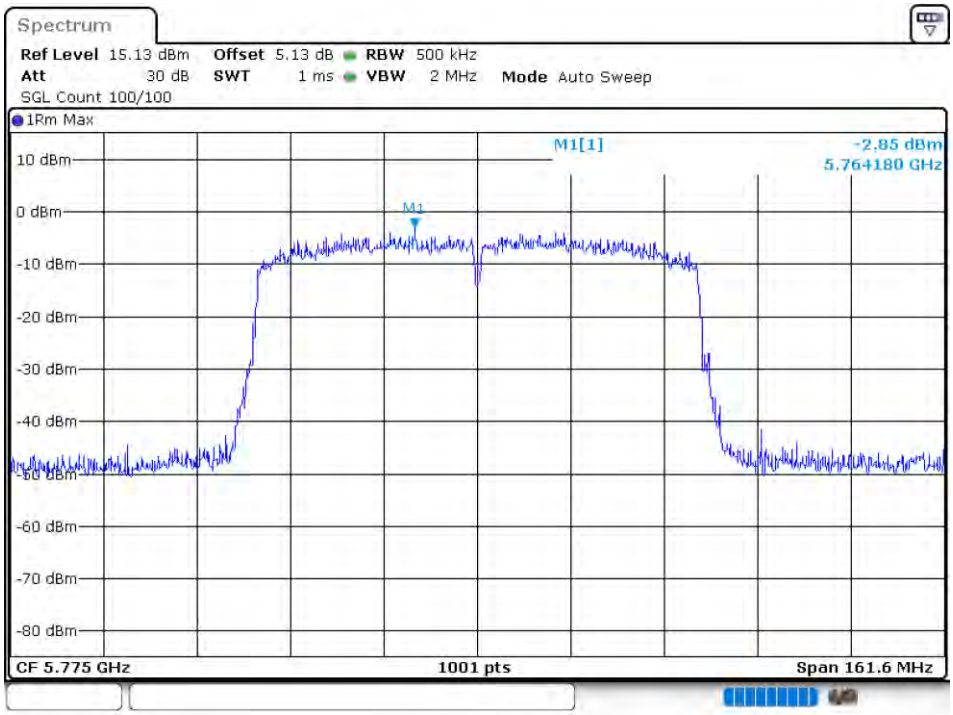
PSD NVNT 802.11ac40 5795MHz Ant2



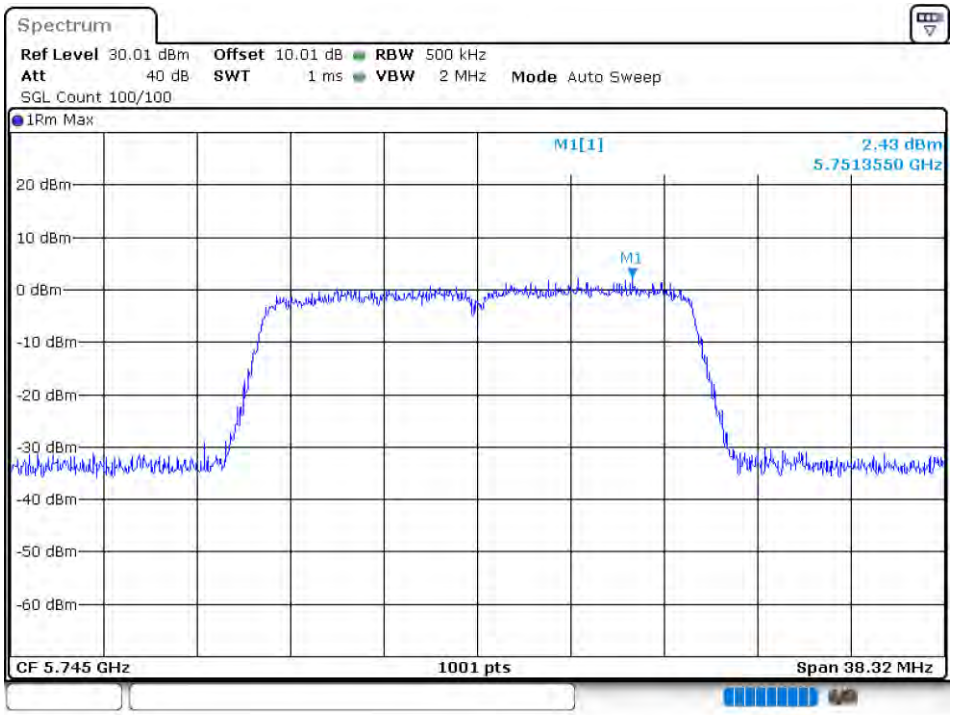
PSD NVNT 802.11ac80 5775MHz Ant1



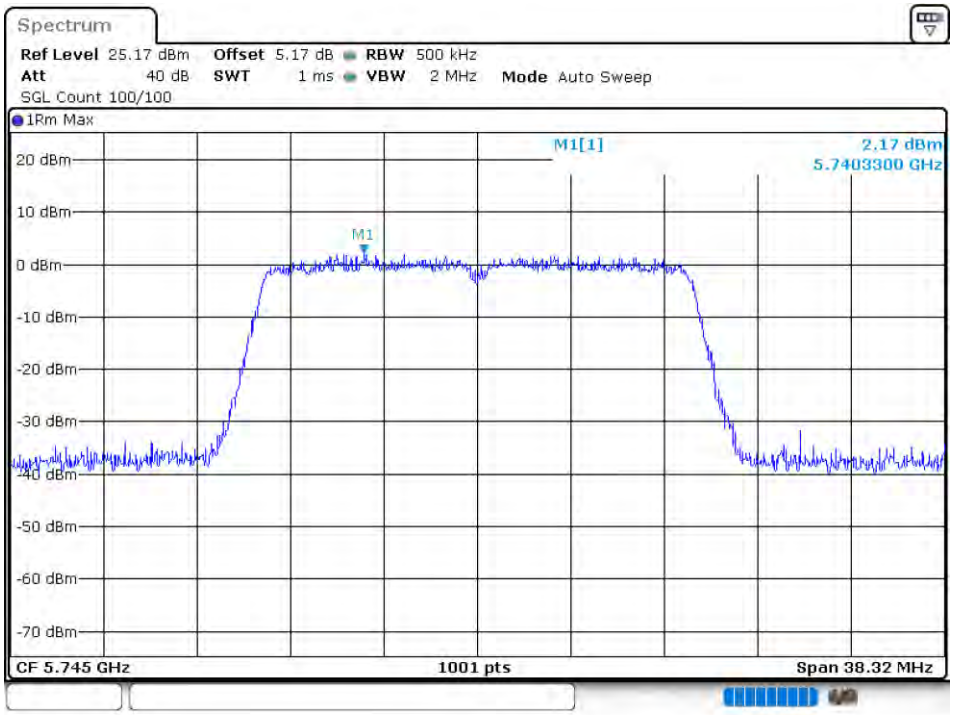
PSD NVNT 802.11ac80 5775MHz Ant2



PSD NVNT 802.11n(HT20) 5745MHz Ant1



PSD NVNT 802.11n(HT20) 5745MHz Ant2



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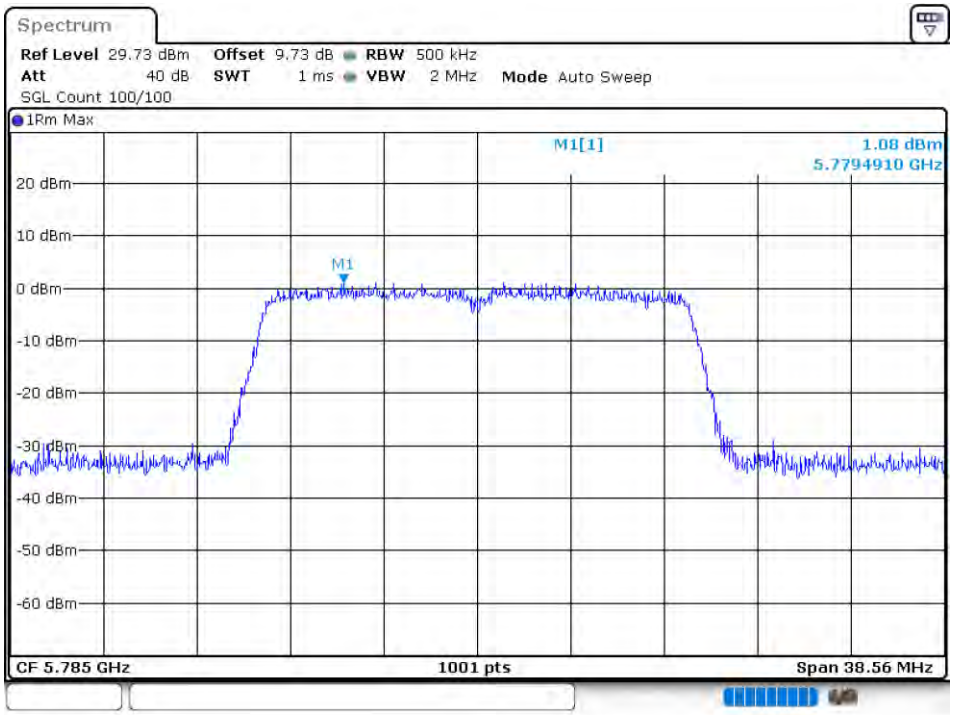
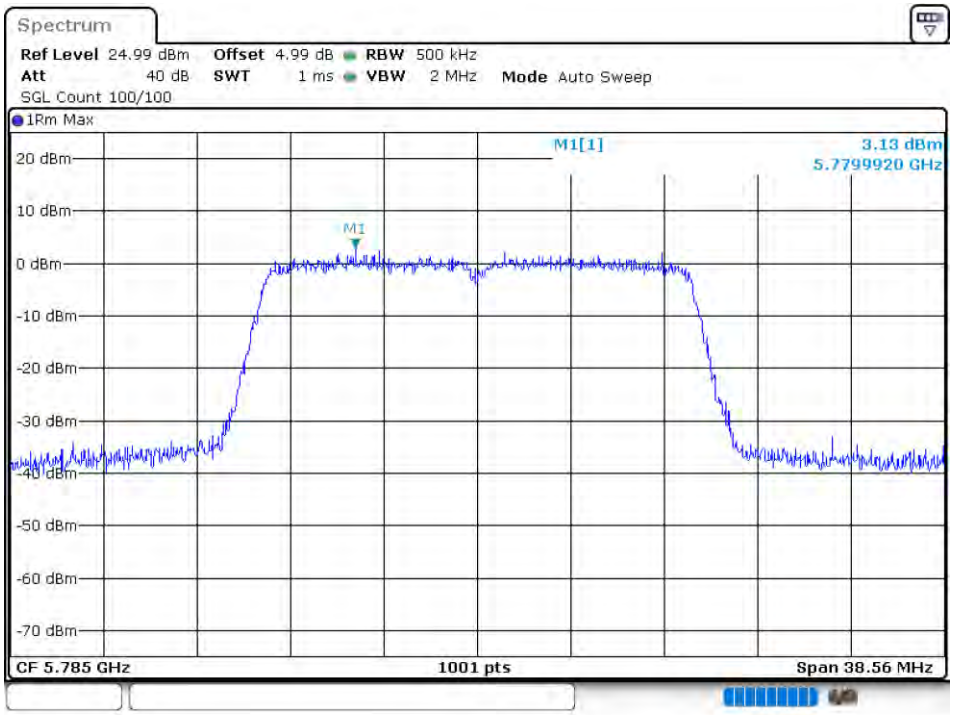
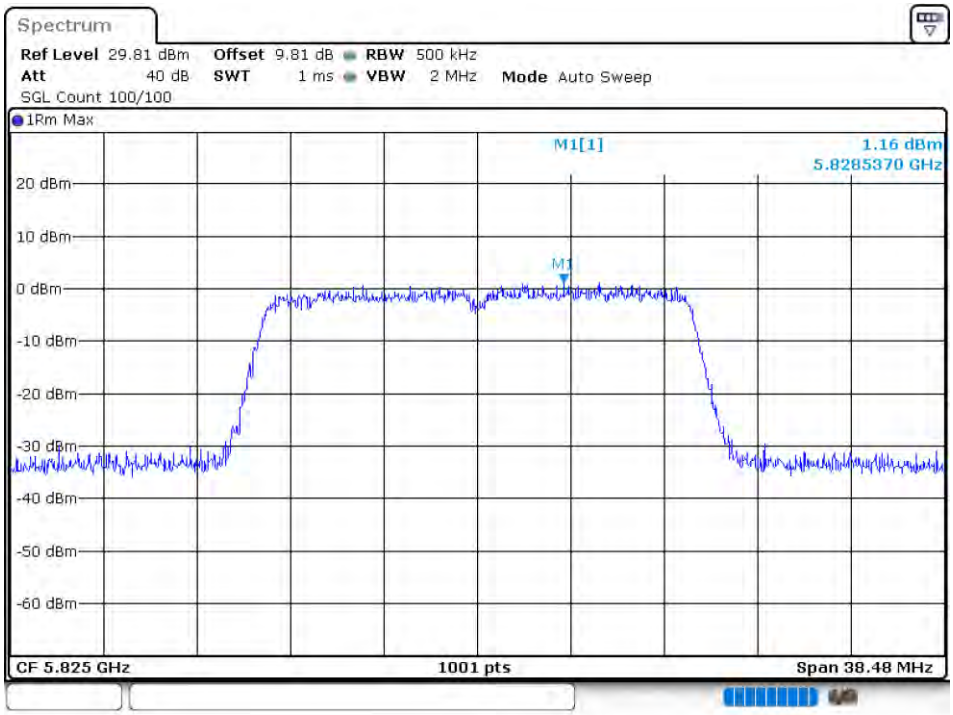


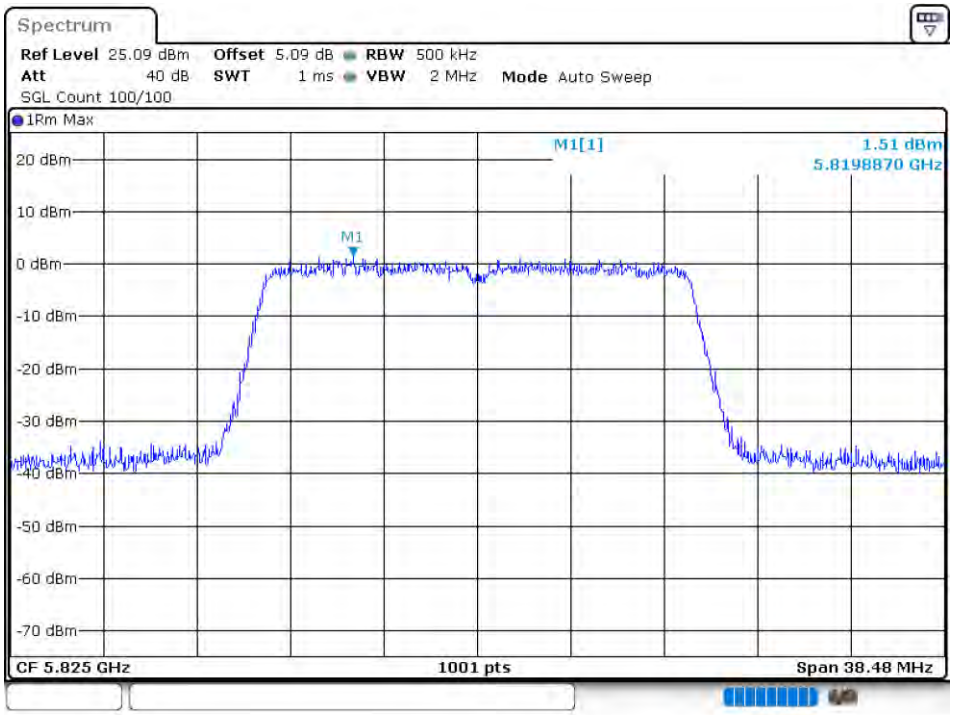
PSD NVNT 802.11n(HT20) 5785MHz Ant2



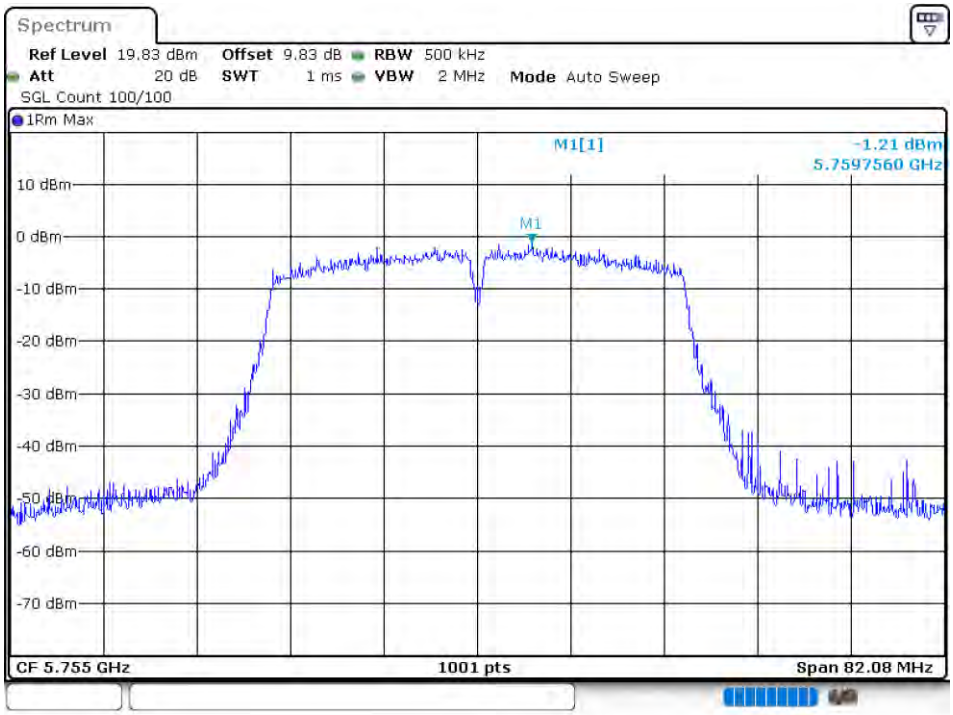
PSD NVNT 802.11n(HT20) 5825MHz Ant1



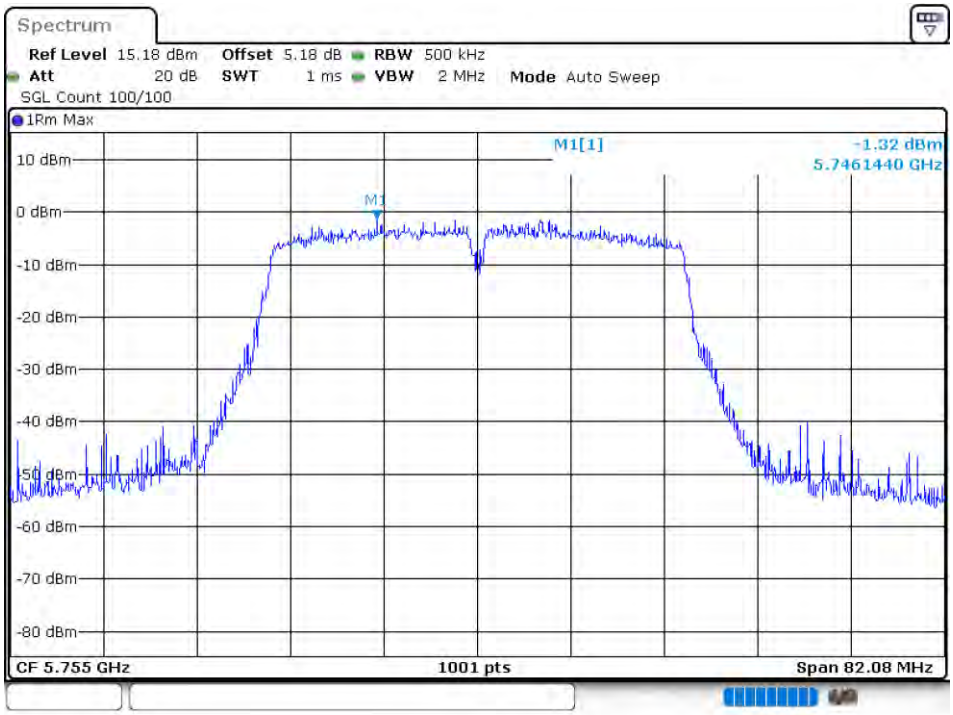
PSD NVNT 802.11n(HT20) 5825MHz Ant2



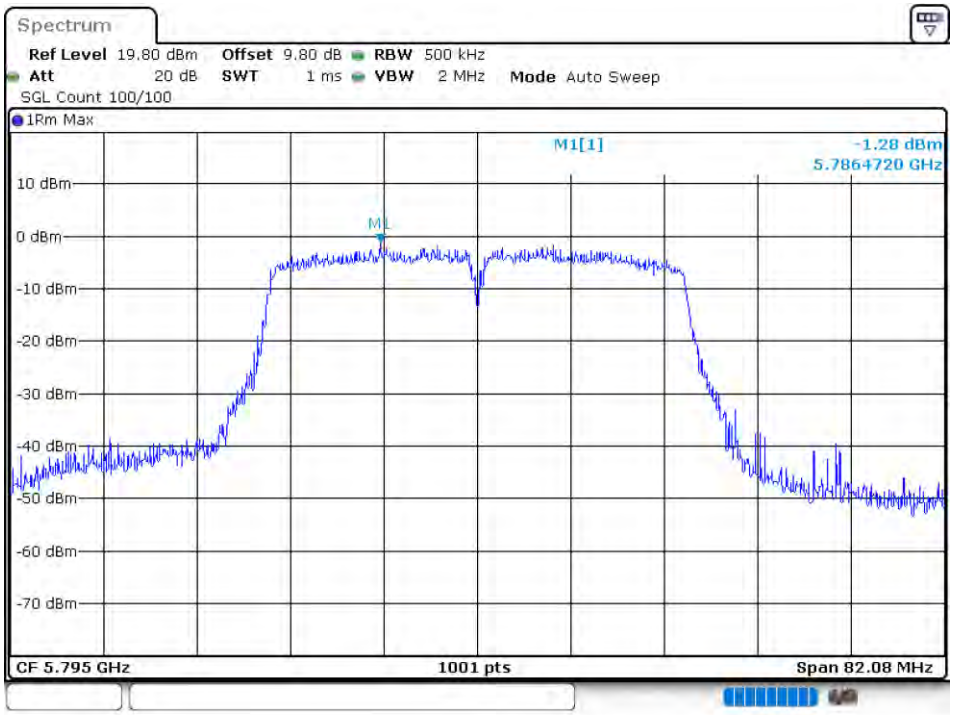
PSD NVNT 802.11n(HT40) 5755MHz Ant1



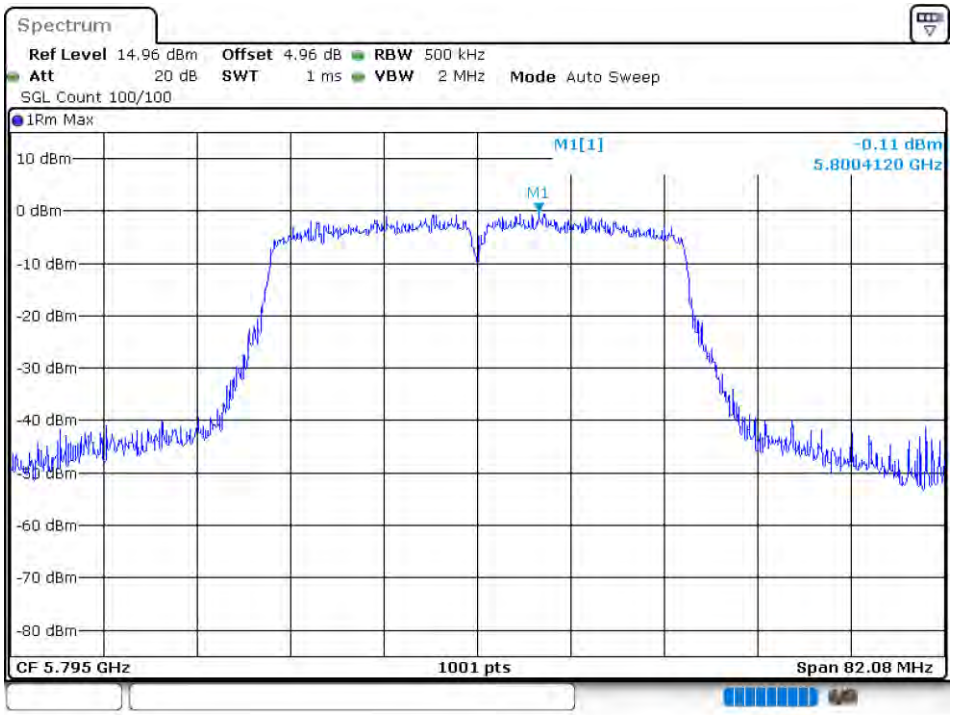
PSD NVNT 802.11n(HT40) 5755MHz Ant2



PSD NVNT 802.11n(HT40) 5795MHz Ant1



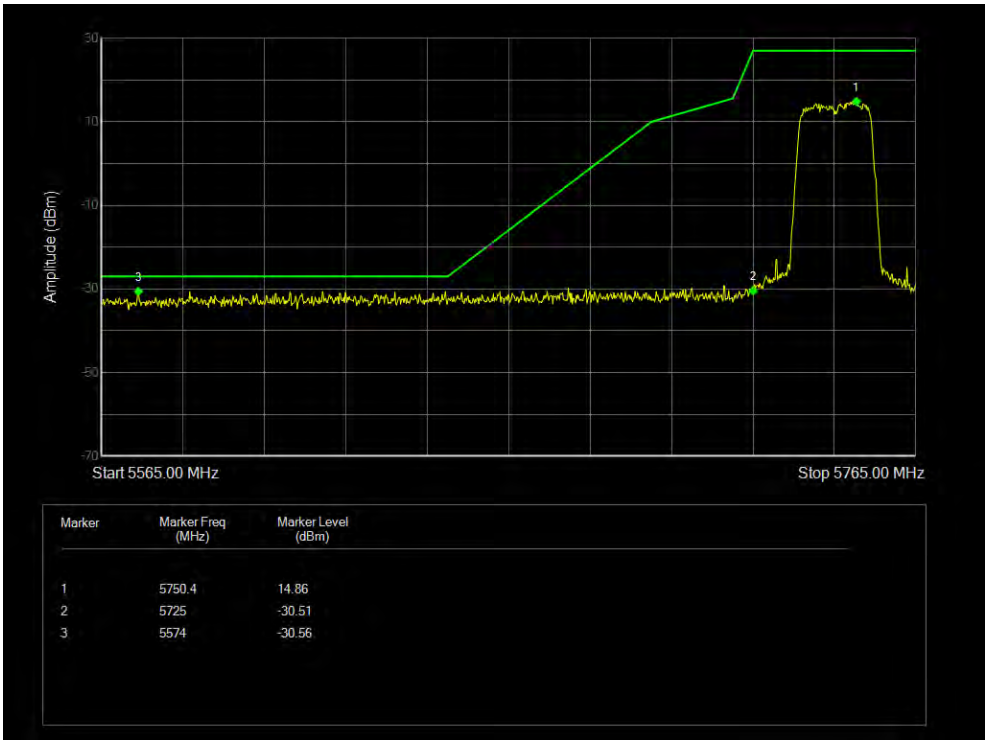
PSD NVNT 802.11n(HT40) 5795MHz Ant2



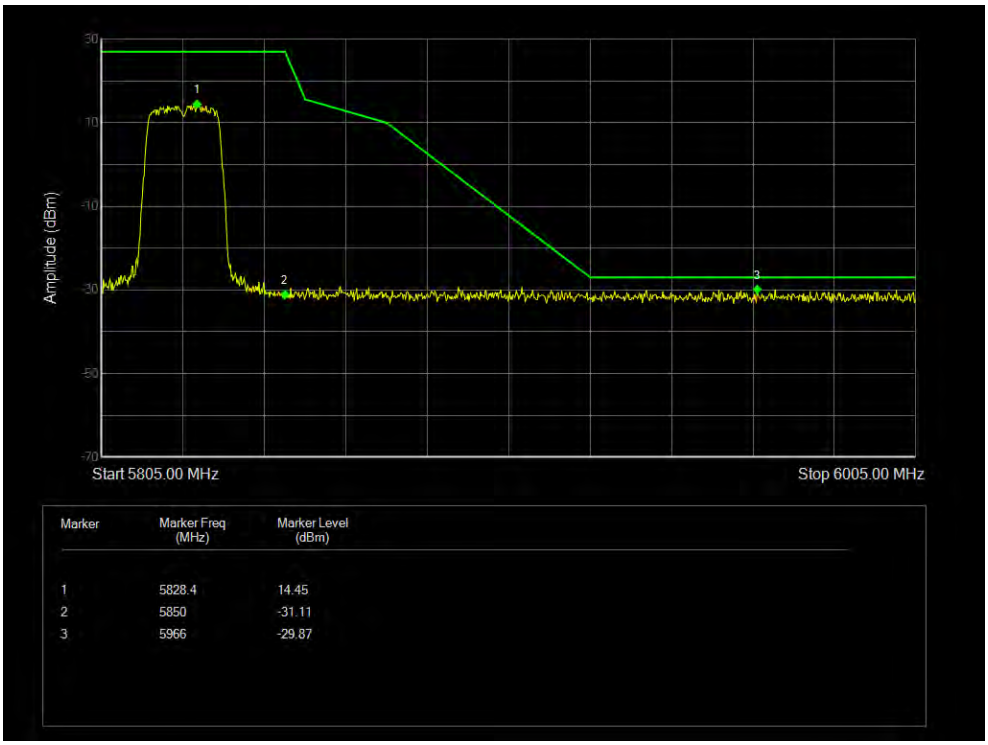
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	802.11ac20	5745	Sum	-30.56	Pass
NVNT	802.11ac20	5825	Sum	-29.87	Pass
NVNT	802.11ac40	5755	Sum	-30.47	Pass
NVNT	802.11ac40	5795	Sum	-28.94	Pass
NVNT	802.11ac80	5775	Sum	-30.7	Pass
NVNT	802.11ac80	5775	Sum	-31.84	Pass
NVNT	802.11n(HT20)	5745	Sum	-30.22	Pass
NVNT	802.11n(HT20)	5825	Sum	-29.29	Pass
NVNT	802.11n(HT40)	5755	Sum	-30.51	Pass
NVNT	802.11n(HT40)	5795	Sum	-29.48	Pass

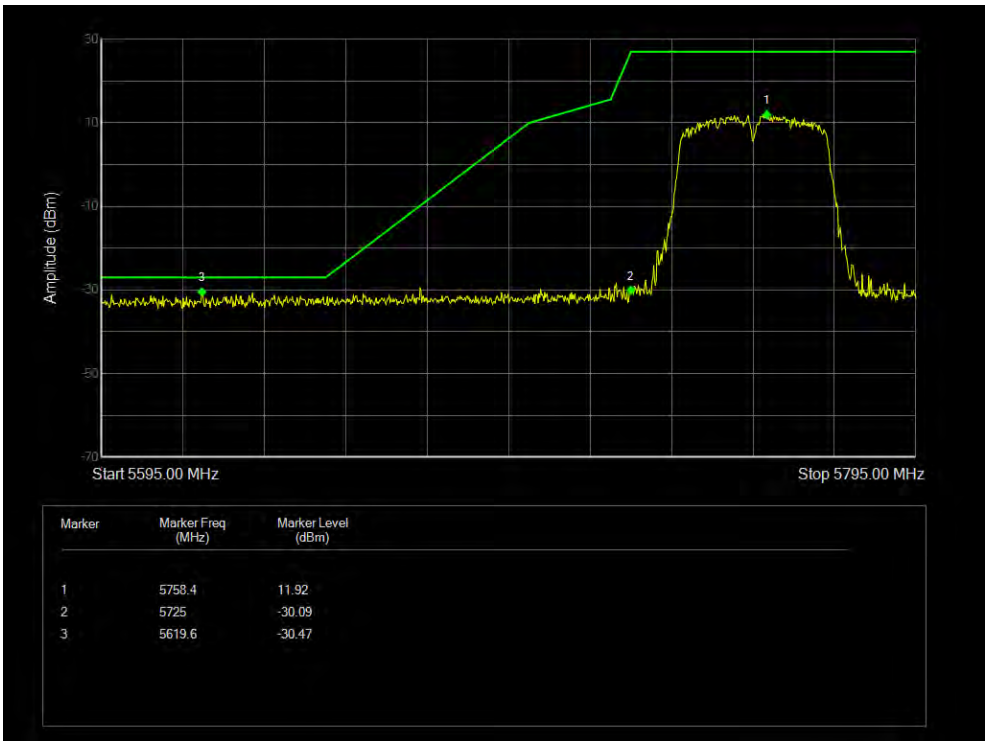
Band Edge NVNT 802.11ac20 5745MHz Low Sum



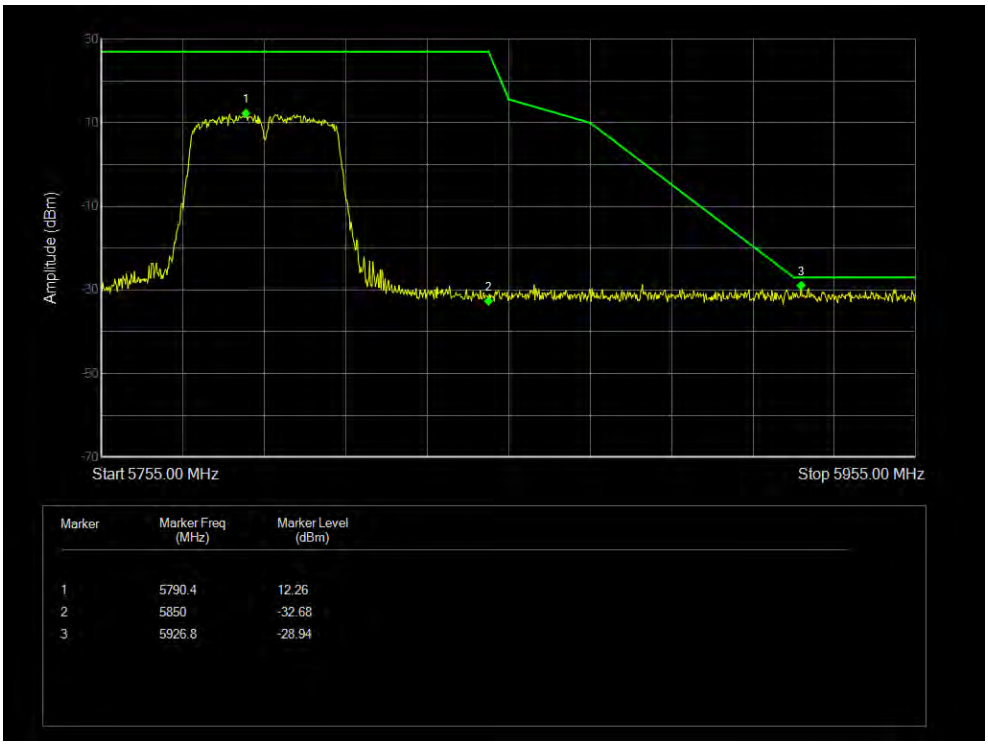
Band Edge NVNT 802.11ac20 5825MHz High Sum



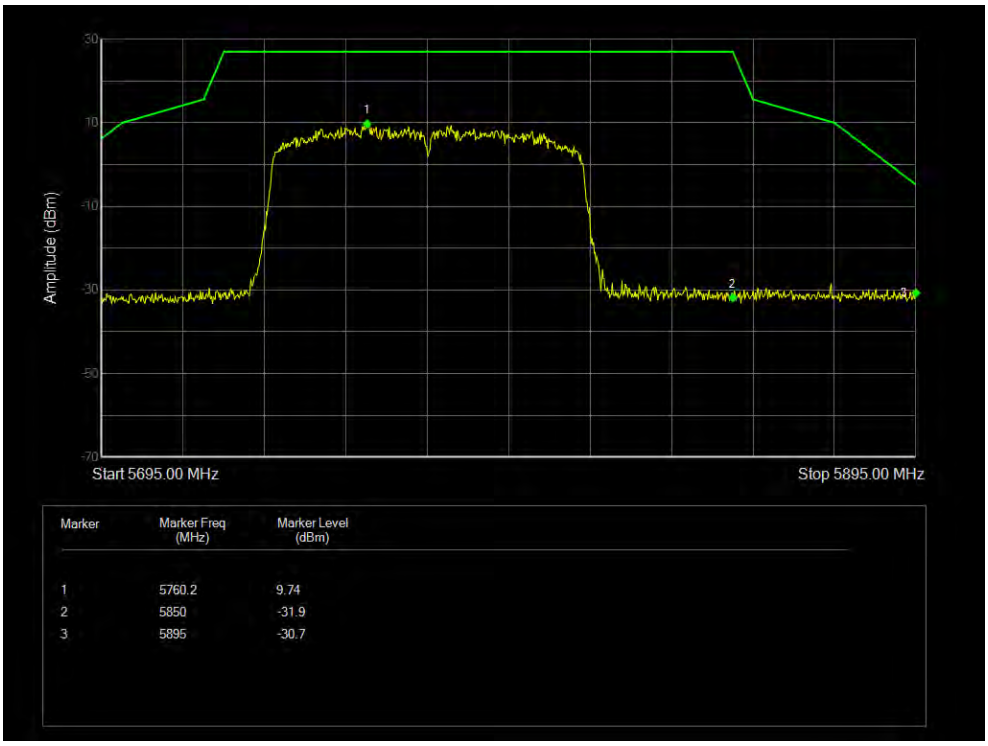
Band Edge NVNT 802.11ac40 5755MHz Low Sum



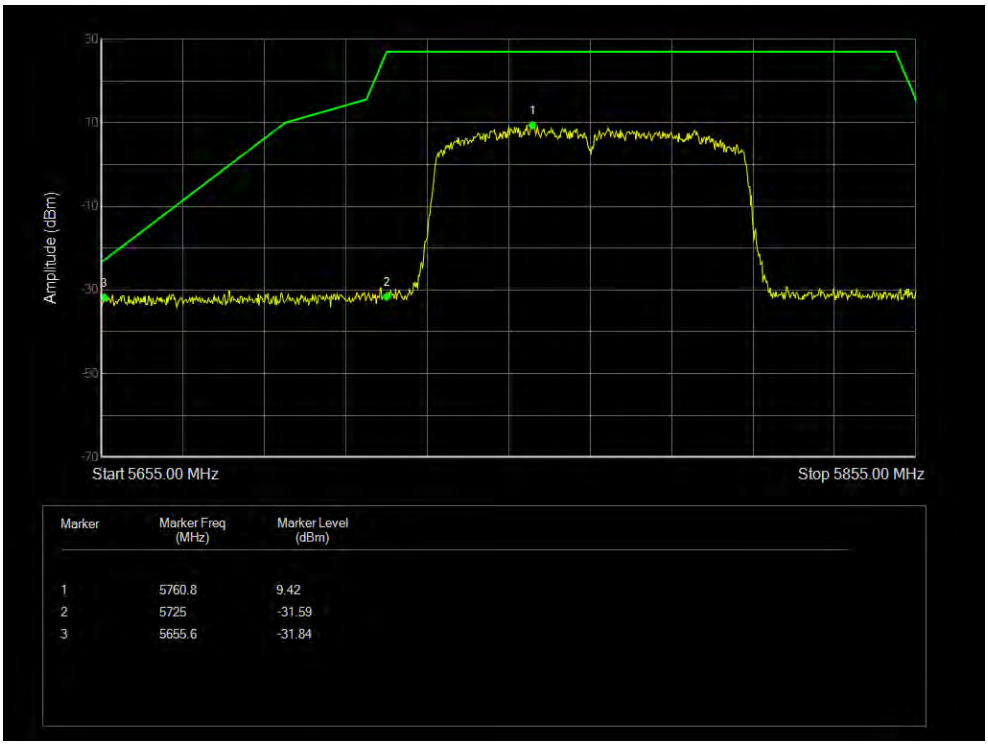
Band Edge NVNT 802.11ac40 5795MHz High Sum



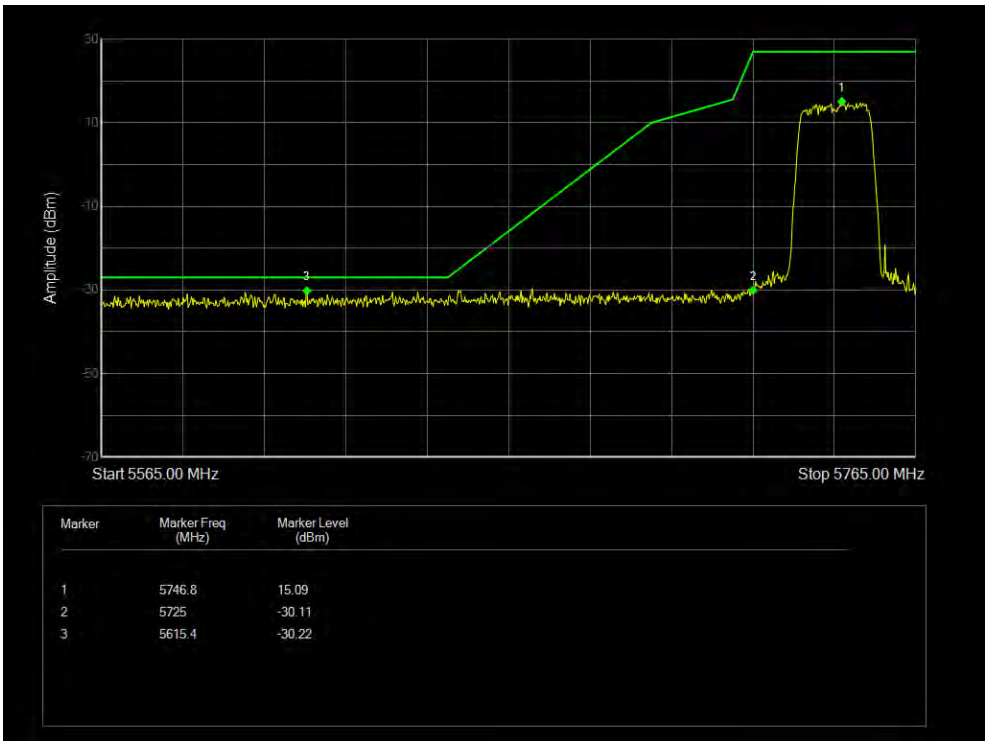
Band Edge NVNT 802.11ac80 5775MHz High Sum



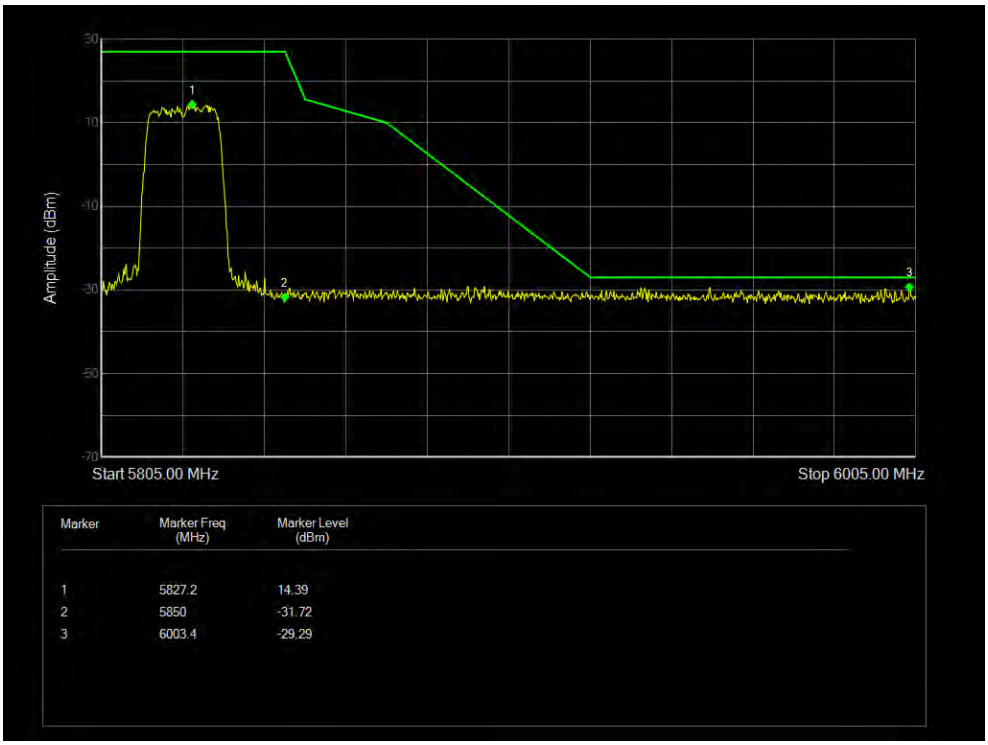
Band Edge NVNT 802.11ac80 5775MHz Low Sum



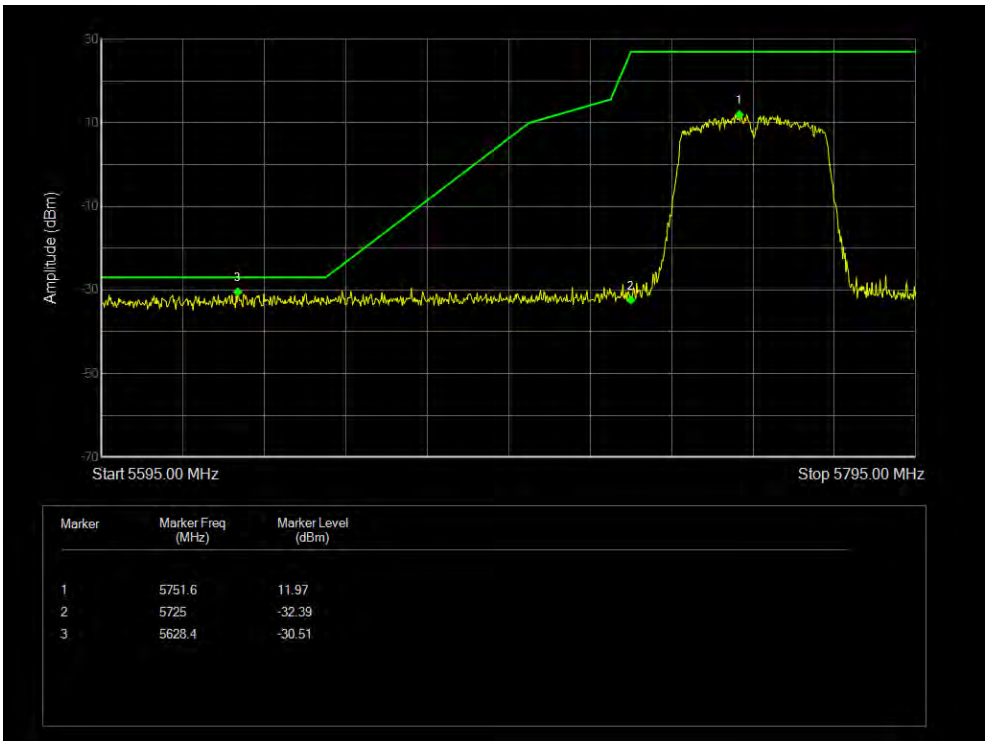
Band Edge NVNT 802.11n(HT20) 5745MHz Low Sum



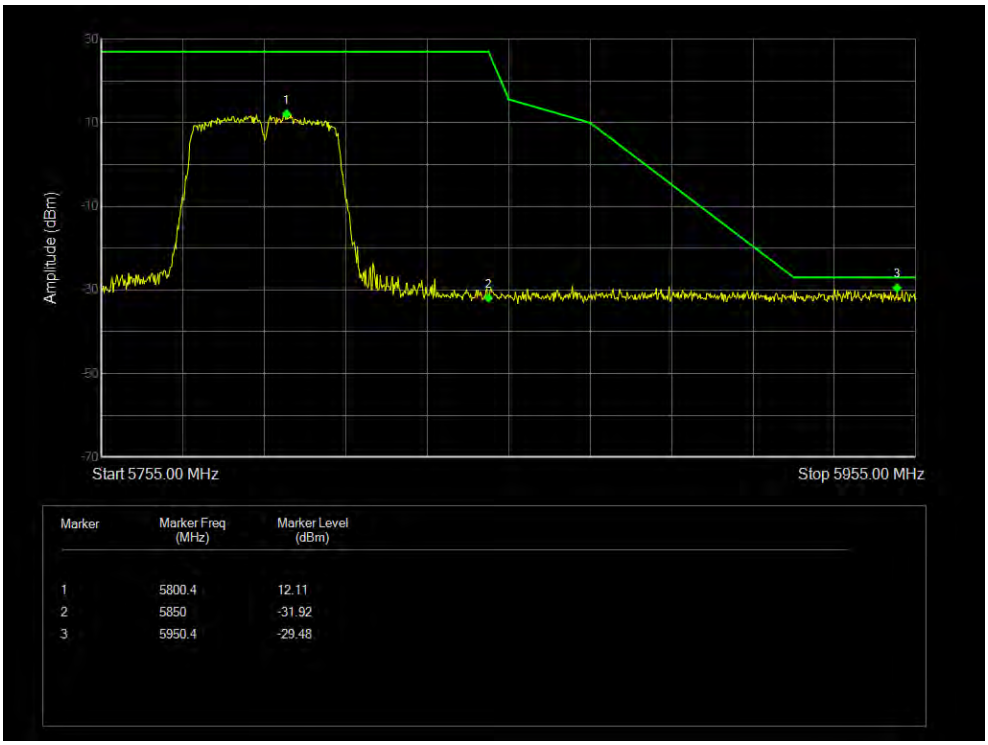
Band Edge NVNT 802.11n(HT20) 5825MHz High Sum



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



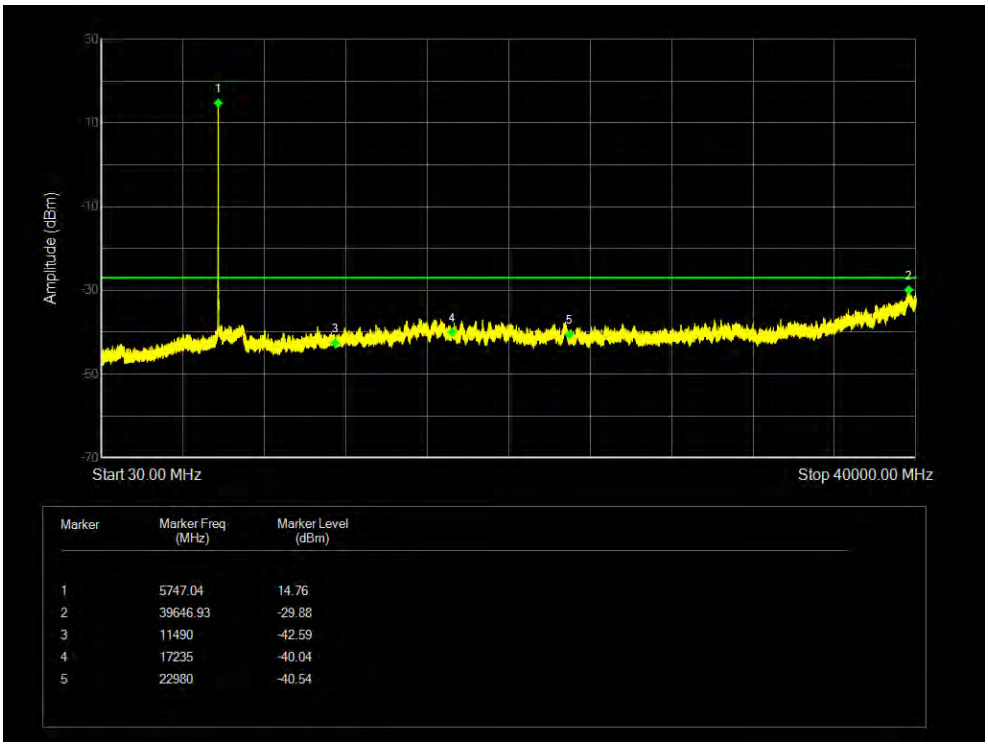
Band Edge NVNT 802.11n(HT40) 5795MHz High Sum



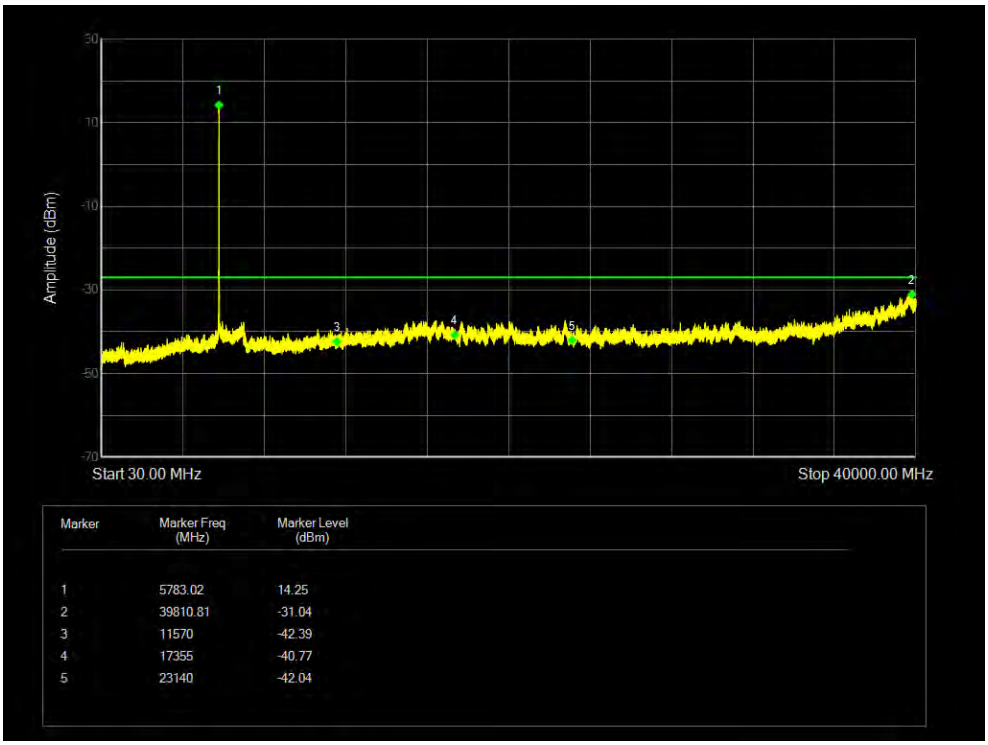
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11ac20	5745	Sum	-29.88	-27	Pass
NVNT	802.11ac20	5785	Sum	-31.04	-27	Pass
NVNT	802.11ac20	5825	Sum	-30.41	-27	Pass
NVNT	802.11ac40	5755	Sum	-30.71	-27	Pass
NVNT	802.11ac40	5795	Sum	-29.89	-27	Pass
NVNT	802.11ac80	5775	Sum	-30.19	-27	Pass
NVNT	802.11n(HT20)	5745	Sum	-30.8	-27	Pass
NVNT	802.11n(HT20)	5785	Sum	-30.76	-27	Pass
NVNT	802.11n(HT20)	5825	Sum	-30.91	-27	Pass
NVNT	802.11n(HT40)	5755	Sum	-30.62	-27	Pass
NVNT	802.11n(HT40)	5795	Sum	-31.08	-27	Pass

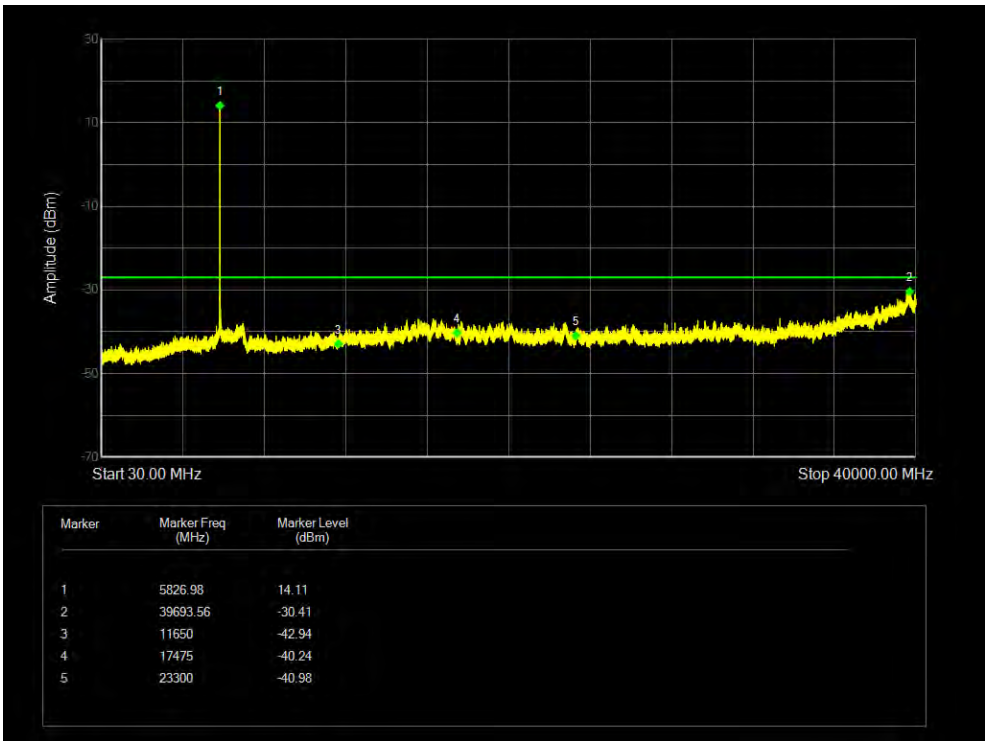
Tx. Spurious NVNT 802.11ac20 5745MHz Sum Emission



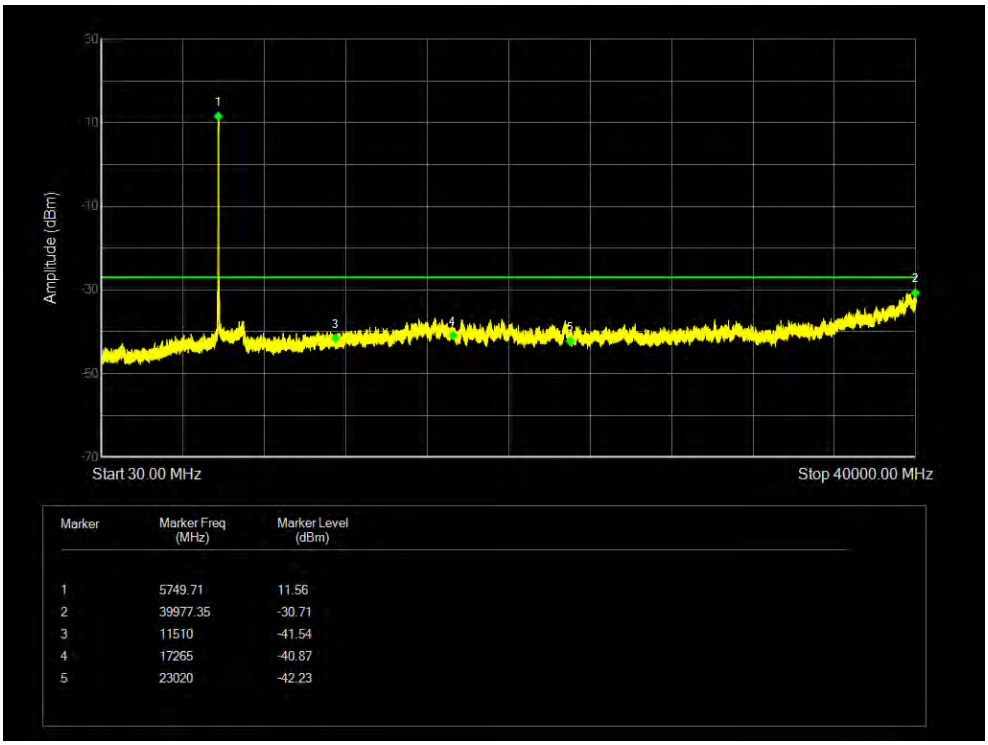
Tx. Spurious NVNT 802.11ac20 5785MHz Sum Emission



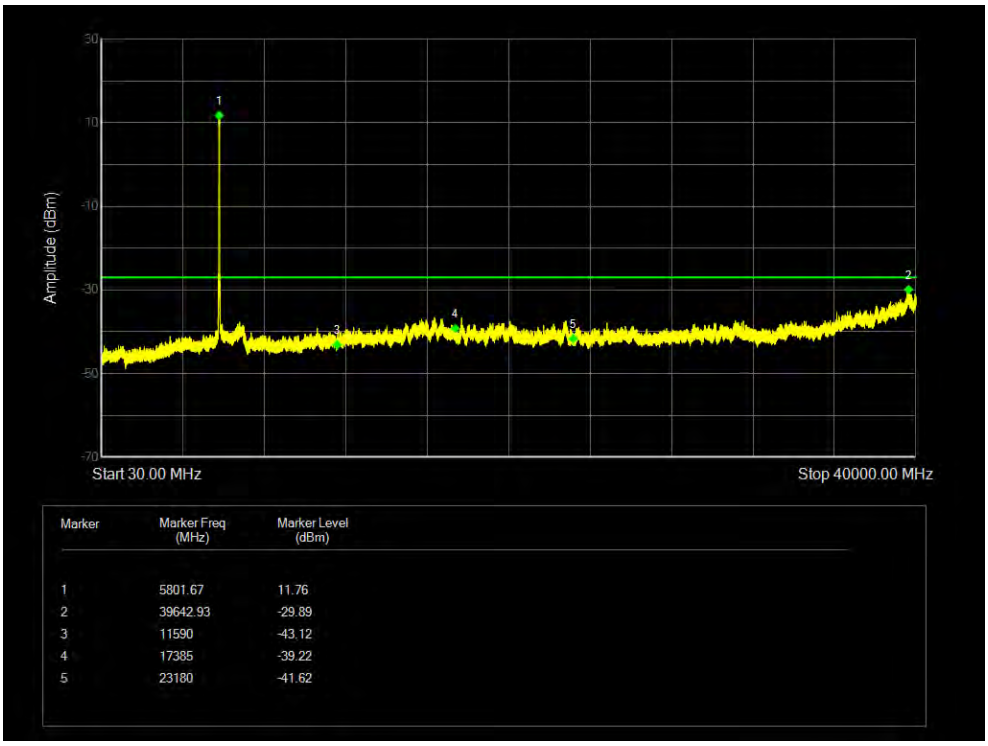
Tx. Spurious NVNT 802.11ac20 5825MHz Sum Emission



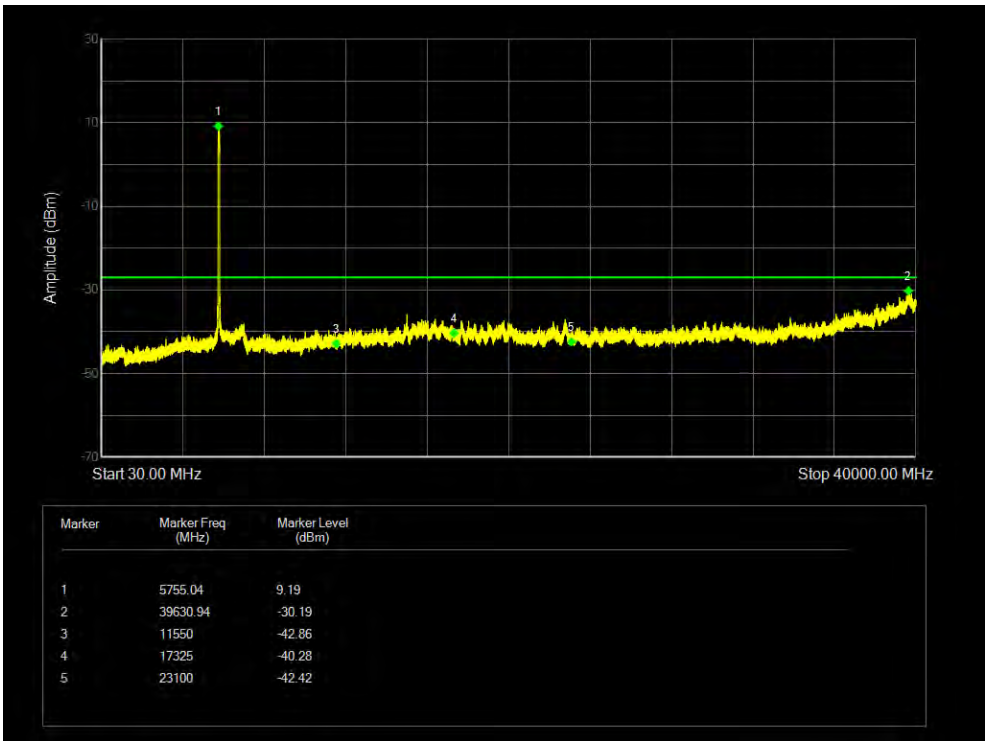
Tx. Spurious NVNT 802.11ac40 5755MHz Sum Emission



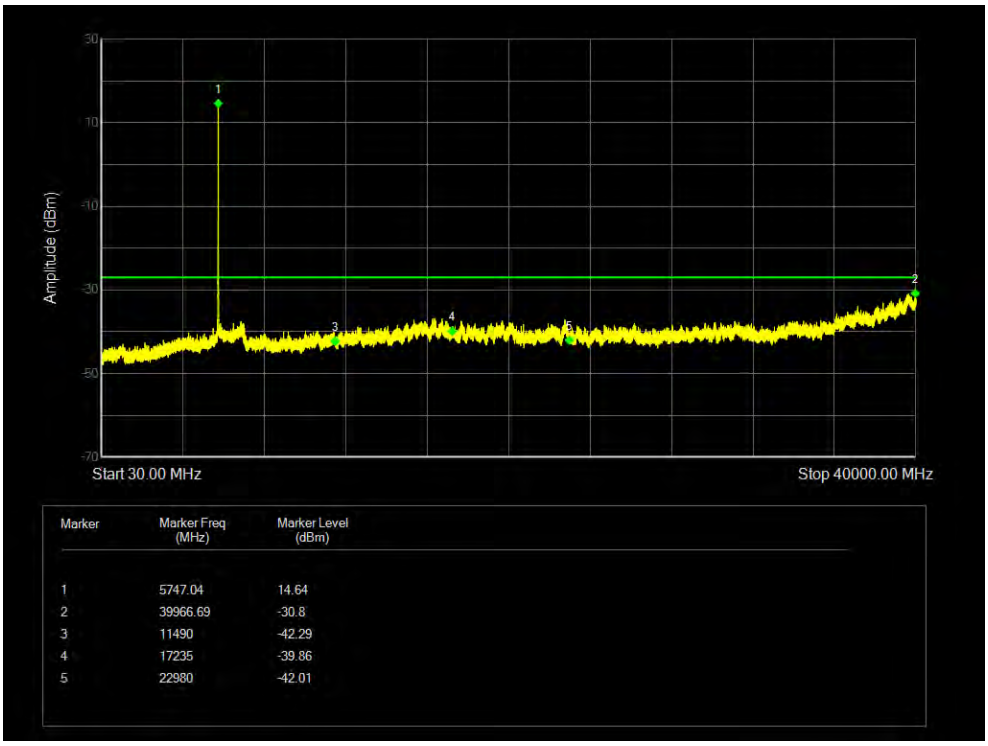
Tx. Spurious NVNT 802.11ac40 5795MHz Sum Emission



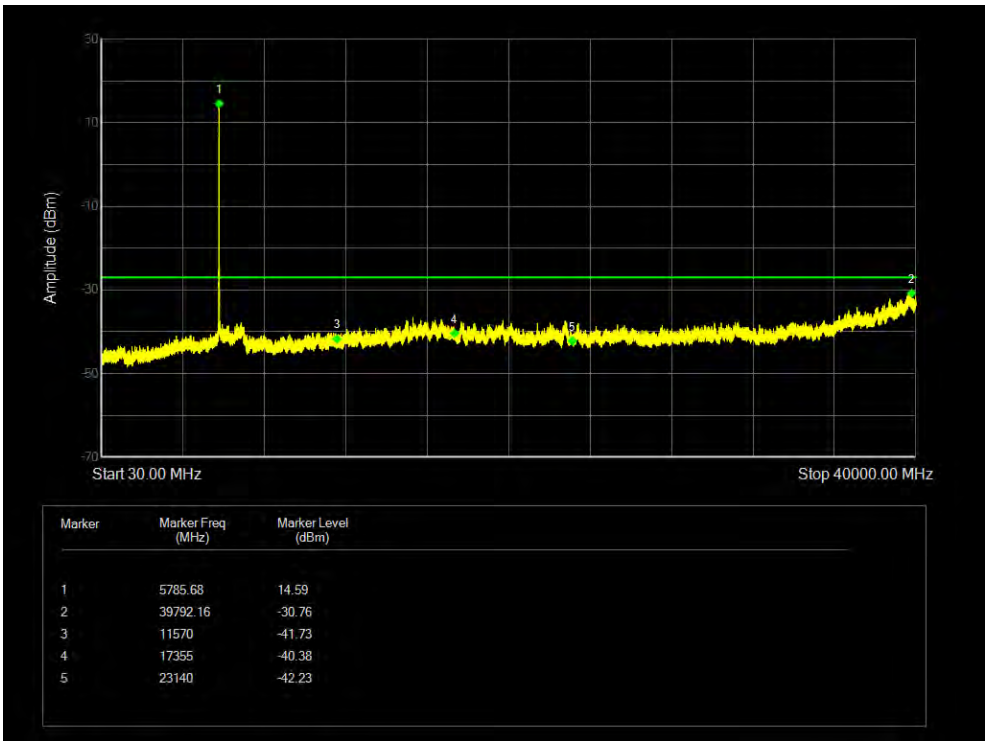
Tx. Spurious NVNT 802.11ac80 5775MHz Sum Emission



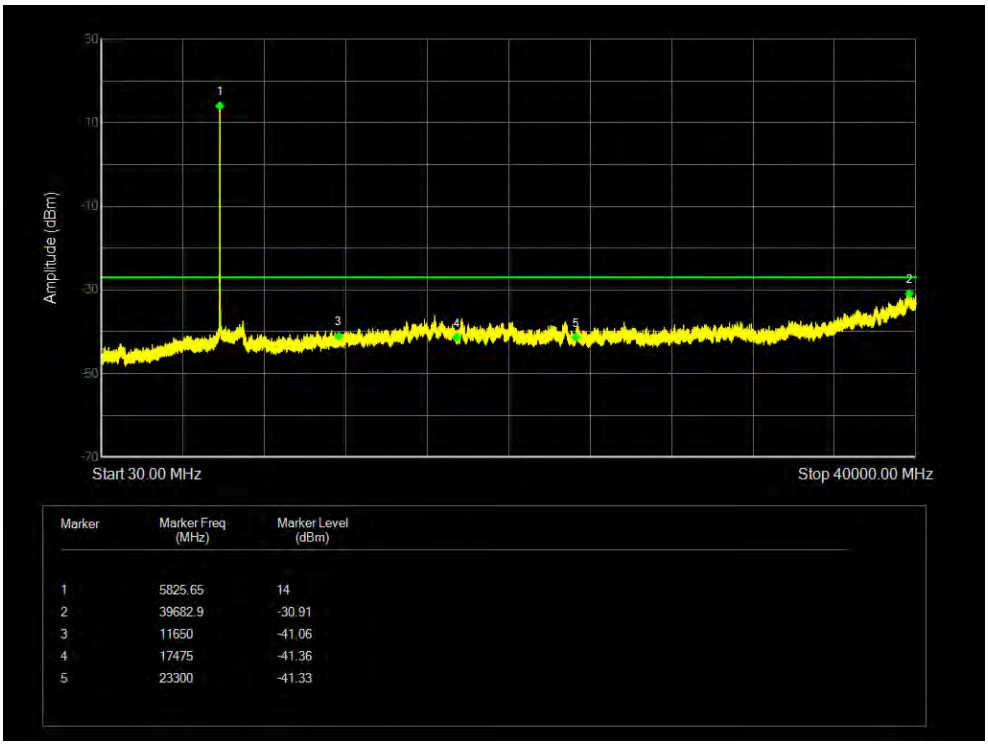
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Sum Emission



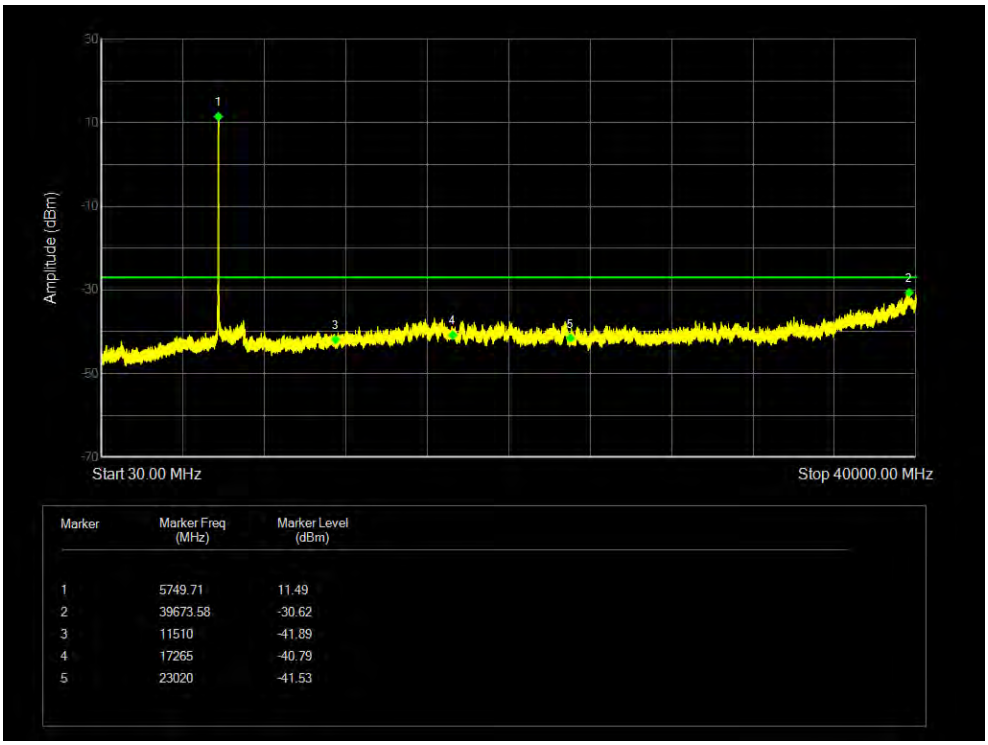
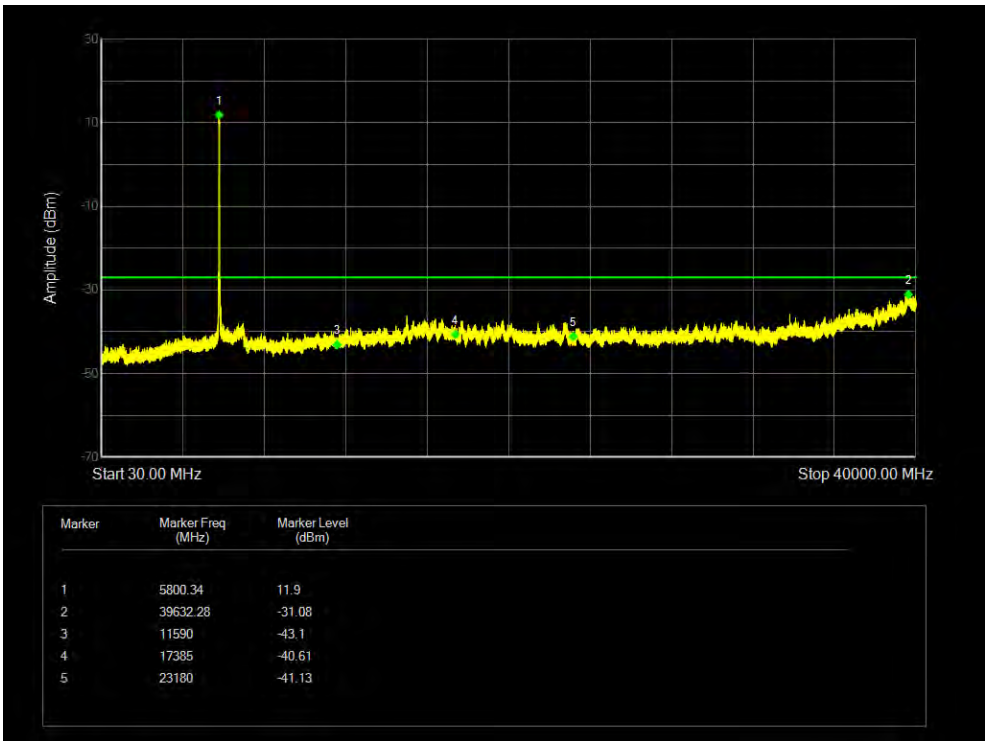
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Sum Emission



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



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



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