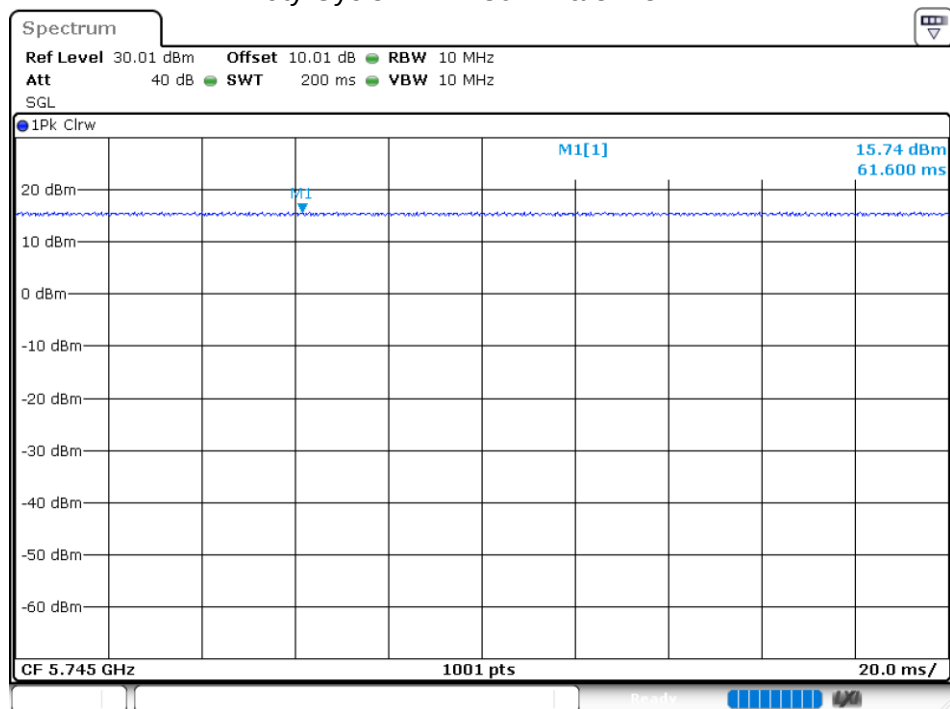


5.8G

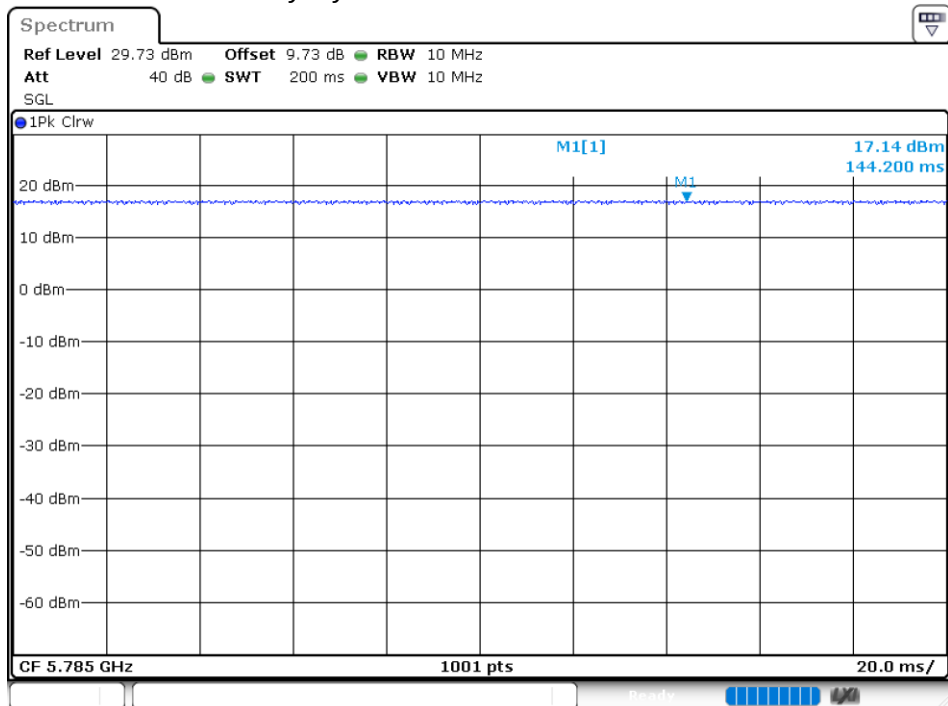
5.1 DUTY CYCLE

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)
NVNT	802.11a	5745	100	0
NVNT	802.11a	5785	100	0
NVNT	802.11a	5825	100	0
NVNT	802.11ac20	5745	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

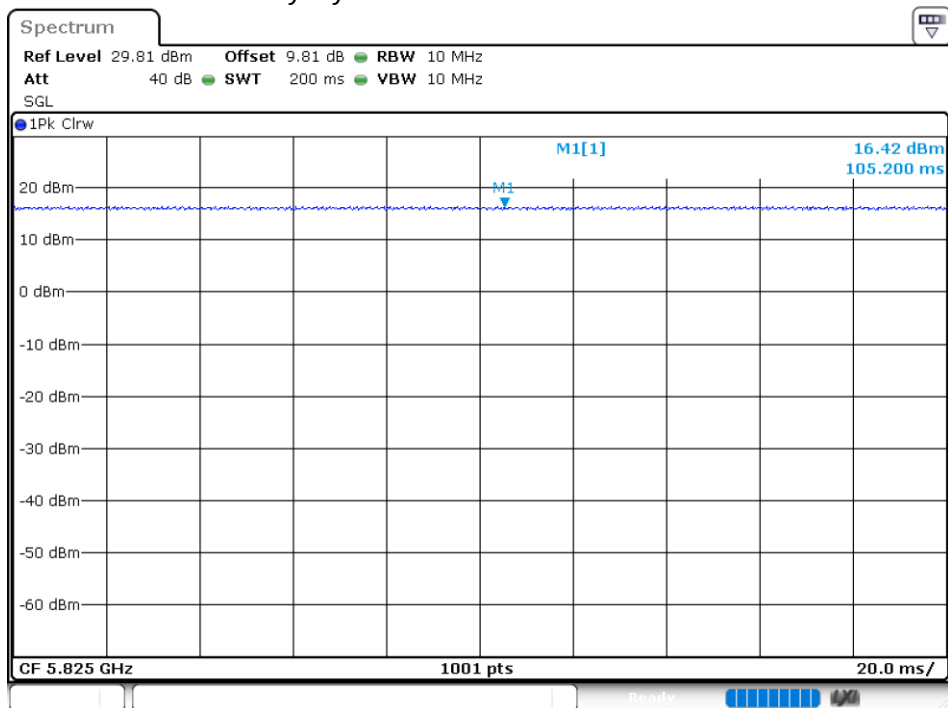
Duty Cycle NVNT 802.11a 5745MHz



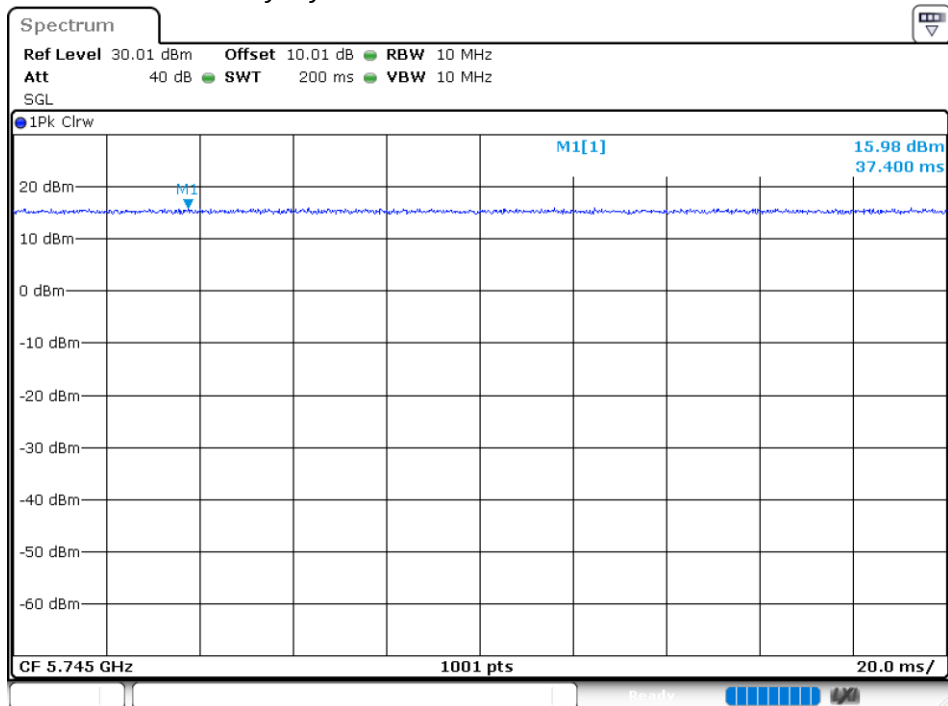
Duty Cycle NVNT 802.11a 5785MHz



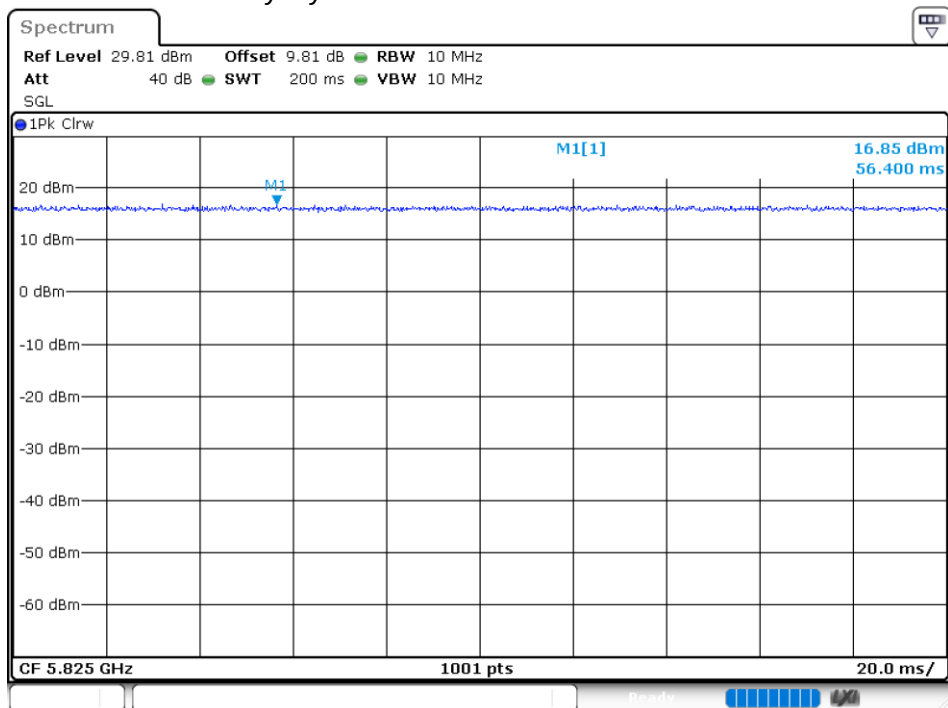
Duty Cycle NVNT 802.11a 5825MHz



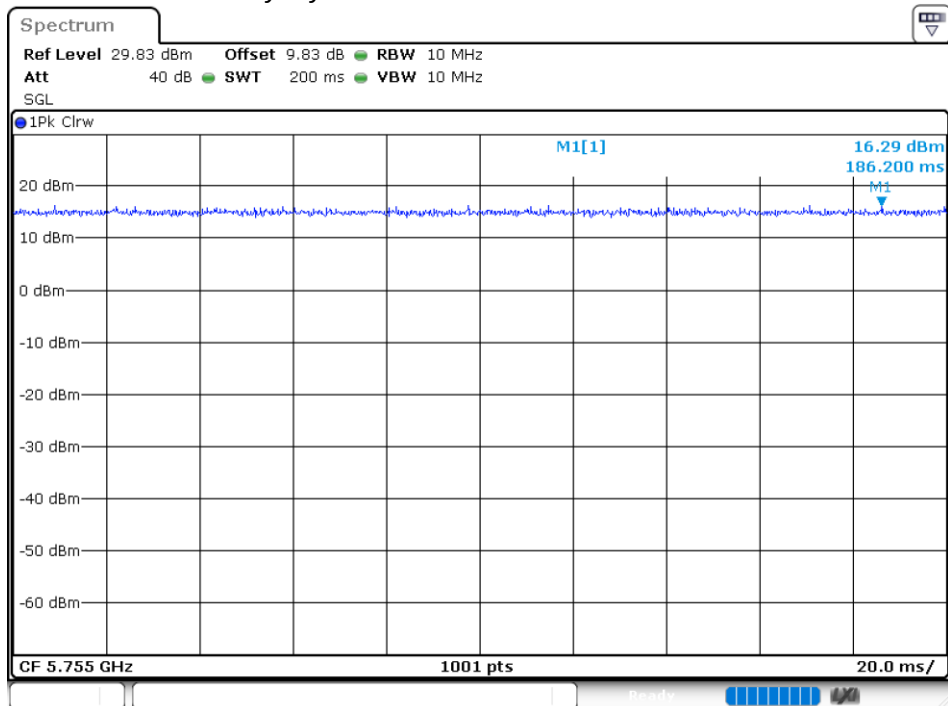
Duty Cycle NVNT 802.11ac20 5745MHz



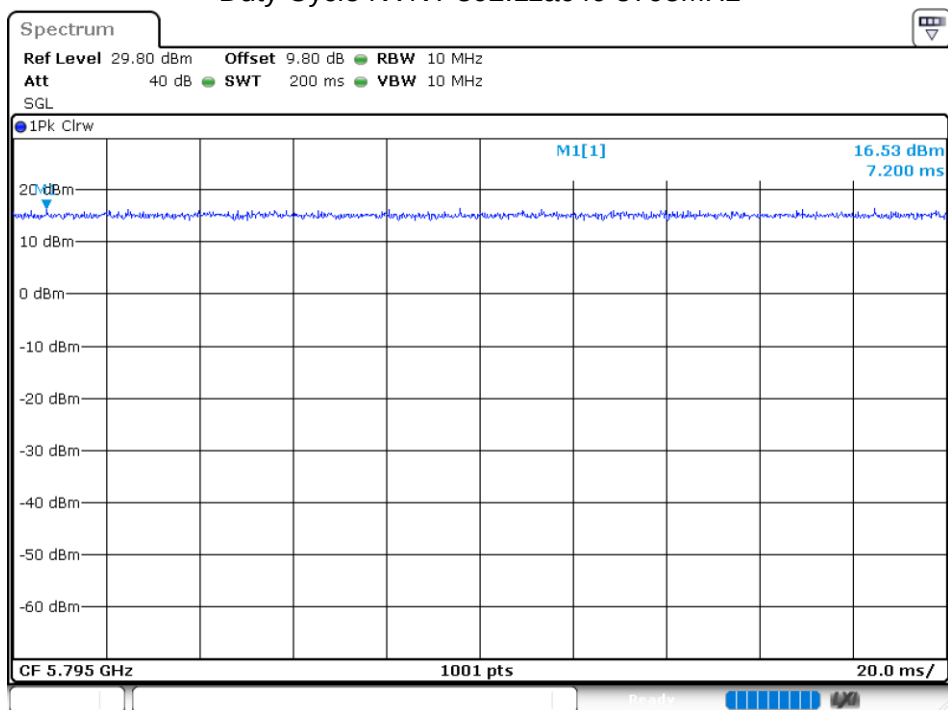
Duty Cycle NVNT 802.11ac20 5825MHz



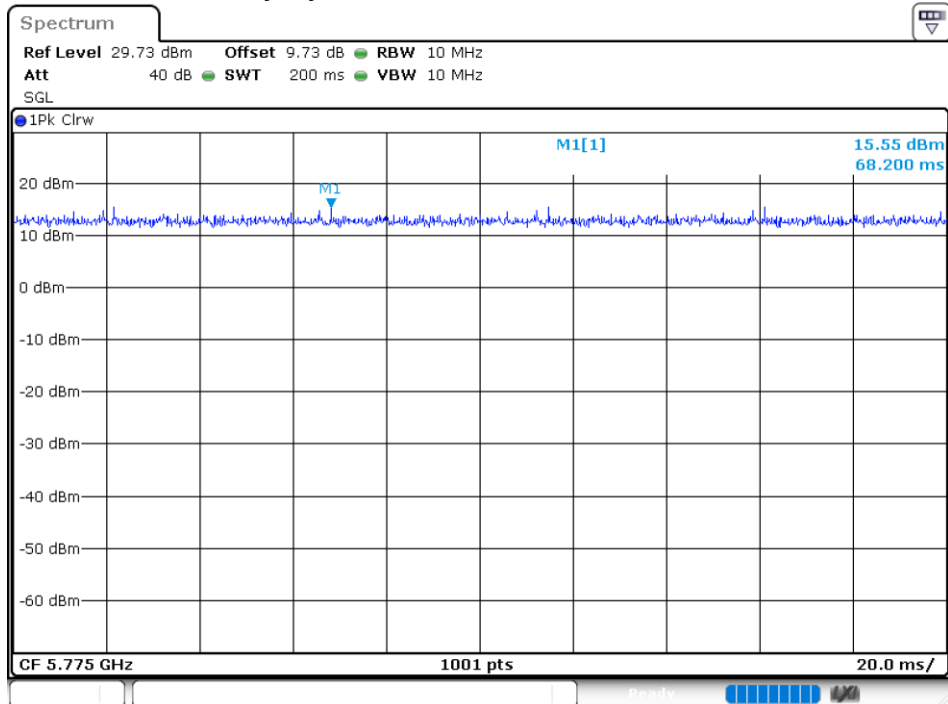
Duty Cycle NVNT 802.11ac40 5755MHz



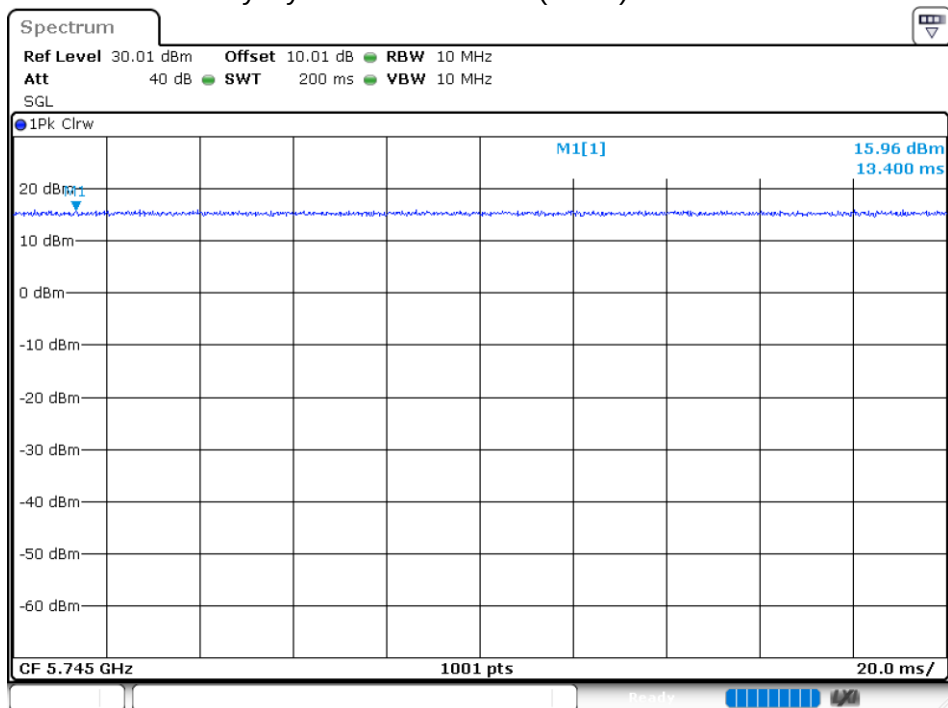
Duty Cycle NVNT 802.11ac40 5795MHz



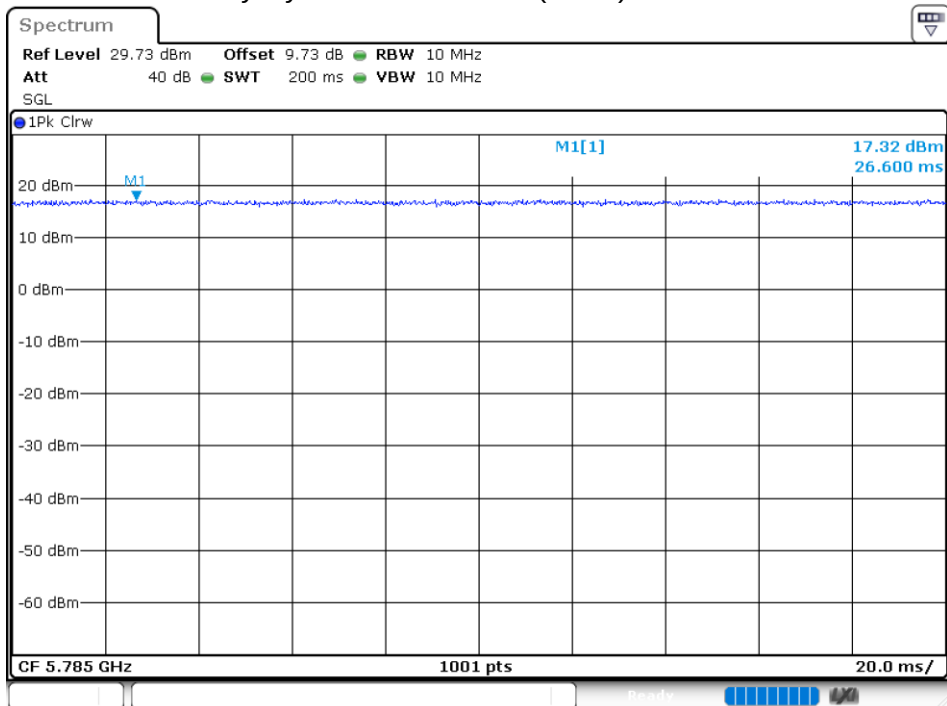
Duty Cycle NVNT 802.11ac80 5775MHz



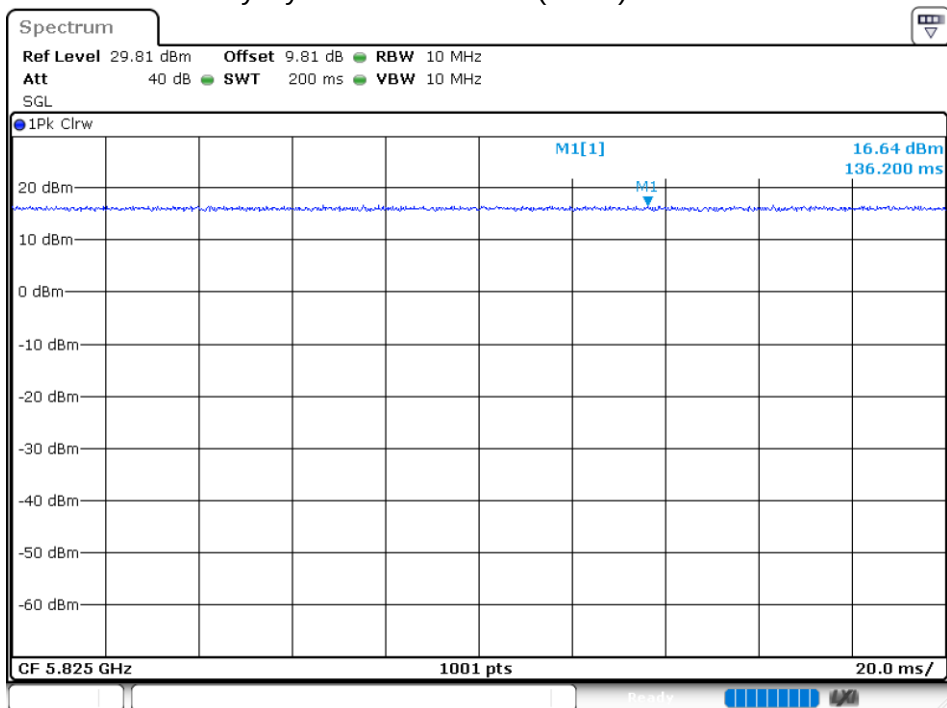
Duty Cycle NVNT 802.11n(HT20) 5745MHz



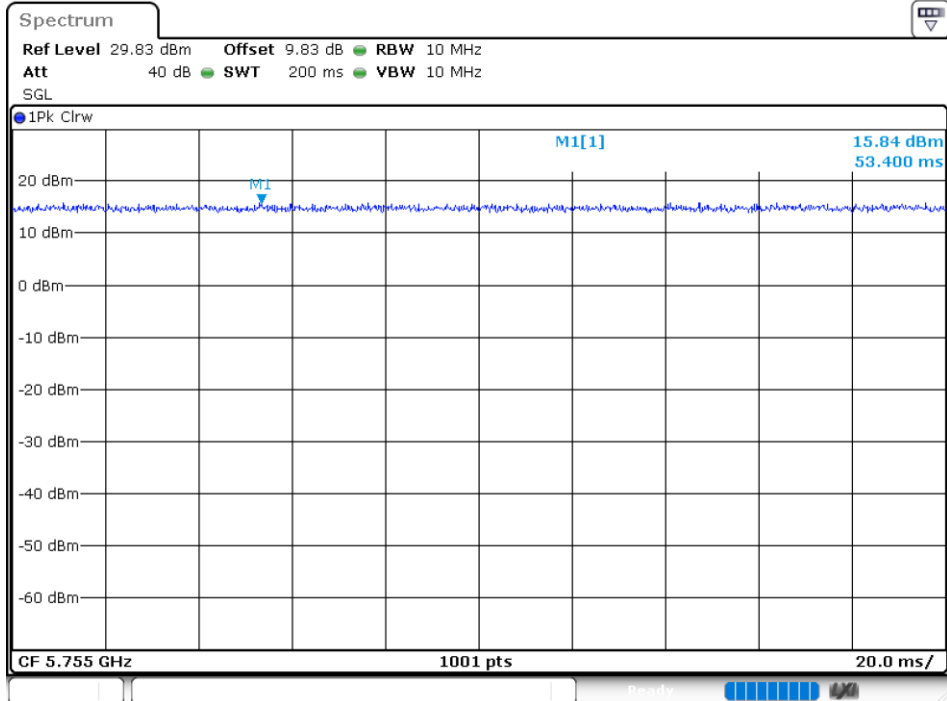
Duty Cycle NVNT 802.11n(HT20) 5785MHz



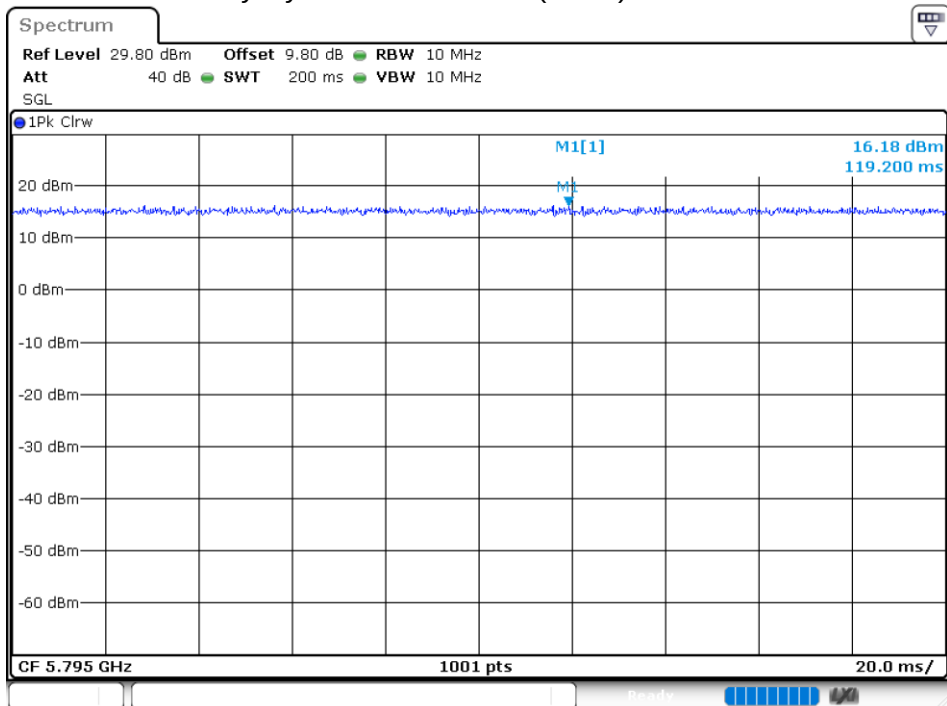
Duty Cycle NVNT 802.11n(HT20) 5825MHz



Duty Cycle NVNT 802.11n(HT40) 5755MHz



Duty Cycle NVNT 802.11n(HT40) 5795MHz



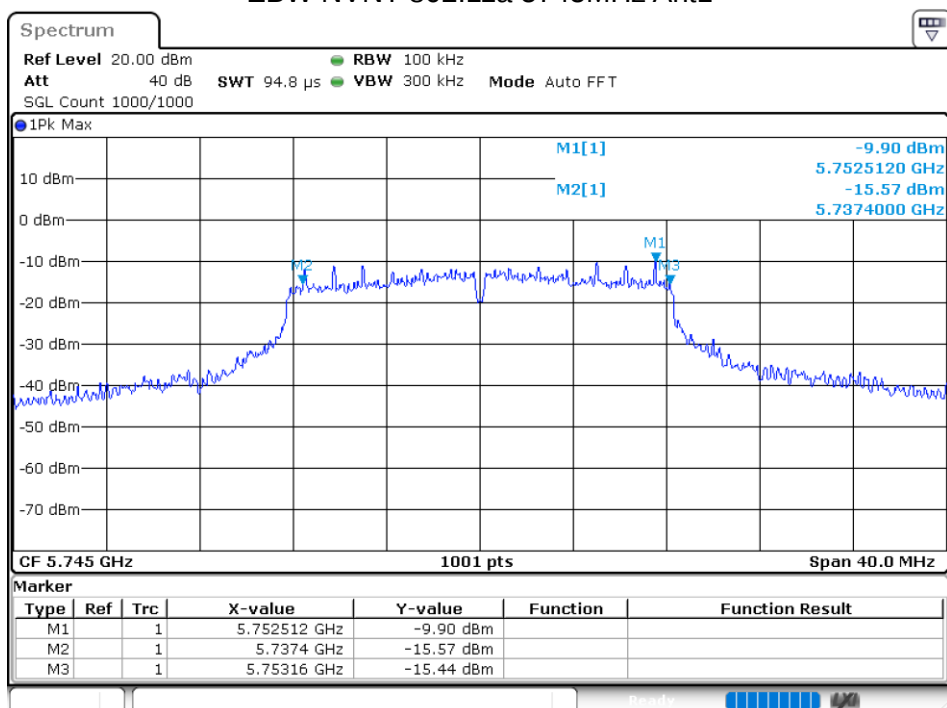
5.2 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	9.15	0	9.15	30	Pass
NVNT	802.11a	5785	Ant 1	10.89	0	10.89	30	Pass
NVNT	802.11a	5825	Ant 1	9.91	0	9.91	30	Pass
NVNT	802.11ac20	5745	Ant 1	8.91	0	8.91	30	Pass
NVNT	802.11ac20	5825	Ant 1	9.92	0	9.92	30	Pass
NVNT	802.11ac40	5755	Ant 1	9.79	0	9.79	30	Pass
NVNT	802.11ac40	5795	Ant 1	10.12	0	10.12	30	Pass
NVNT	802.11ac80	5775	Ant 1	9.77	0	9.77	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	8.76	0	8.76	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	10.37	0	10.37	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	9.56	0	9.56	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	10.14	0	10.14	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	10.3	0	10.3	30	Pass

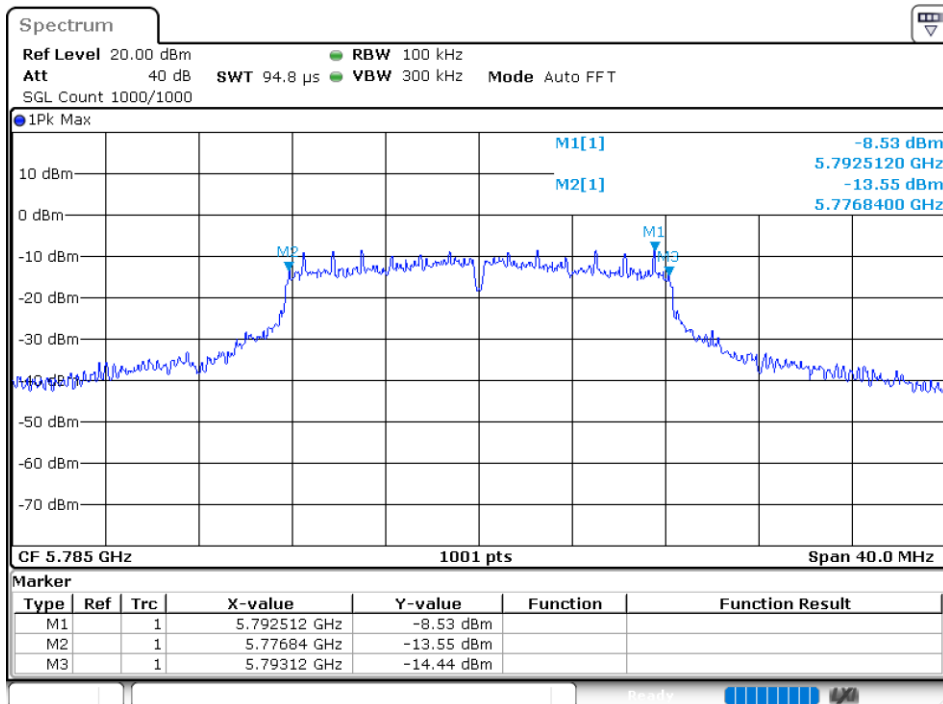
5.3 -6DB BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	15.76	0.5	Pass
NVNT	802.11a	5785	Ant 1	16.28	0.5	Pass
NVNT	802.11a	5825	Ant 1	16.32	0.5	Pass
NVNT	802.11ac20	5745	Ant 1	16.36	0.5	Pass
NVNT	802.11ac20	5825	Ant 1	17.52	0.5	Pass
NVNT	802.11ac40	5755	Ant 1	35.68	0.5	Pass
NVNT	802.11ac40	5795	Ant 1	35.76	0.5	Pass
NVNT	802.11ac80	5775	Ant 1	75.2	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 1	16.36	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 1	17.04	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 1	17.28	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 1	35.68	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 1	35.76	0.5	Pass

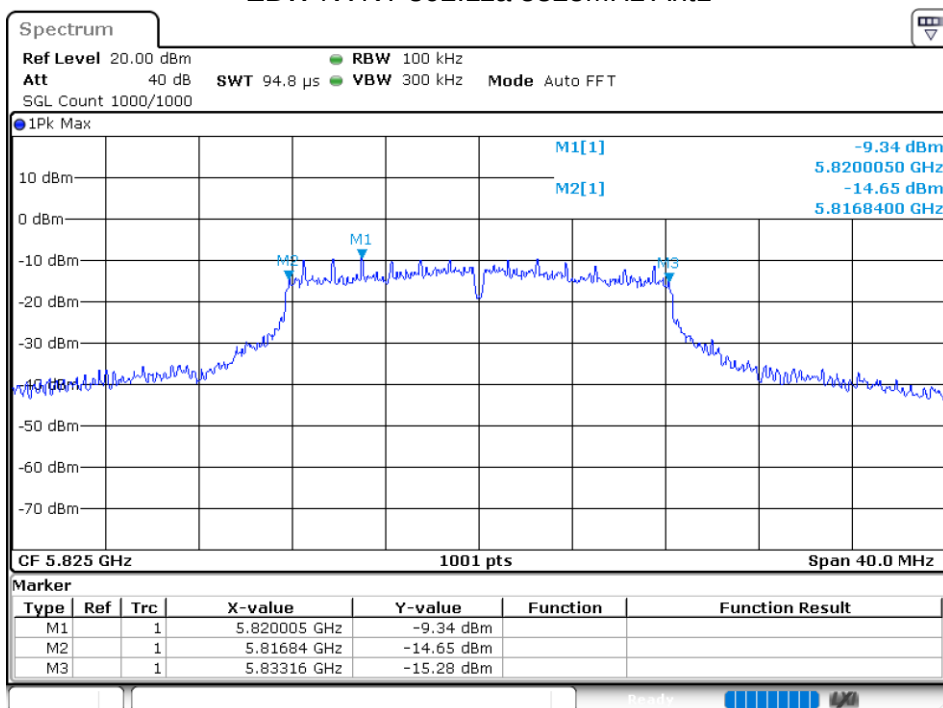
EBW NVNT 802.11a 5745MHz Ant1



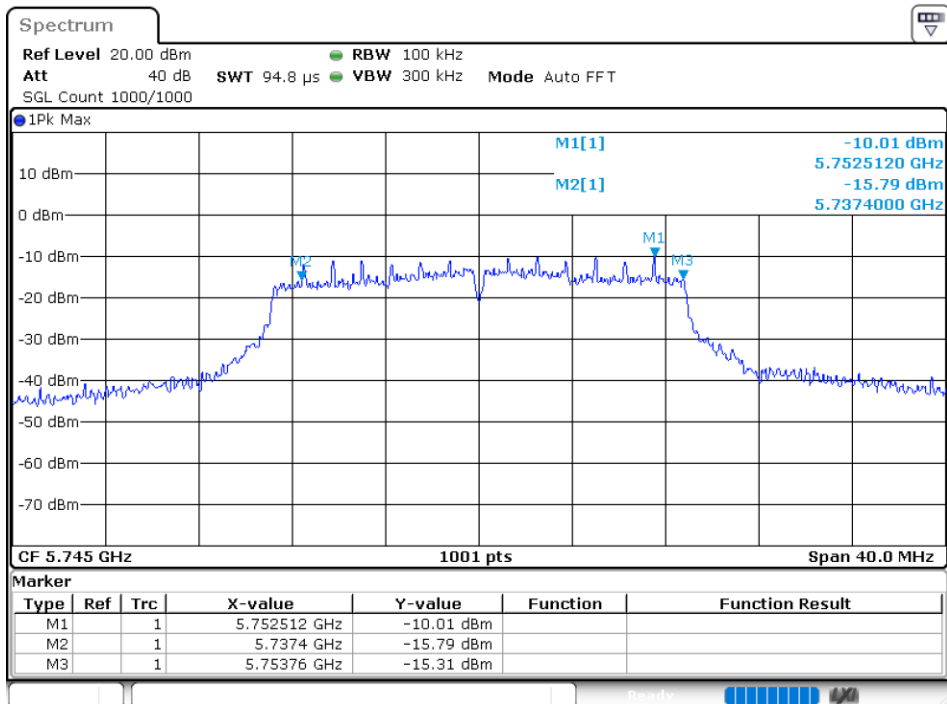
EBW NVNT 802.11a 5785MHz Ant1



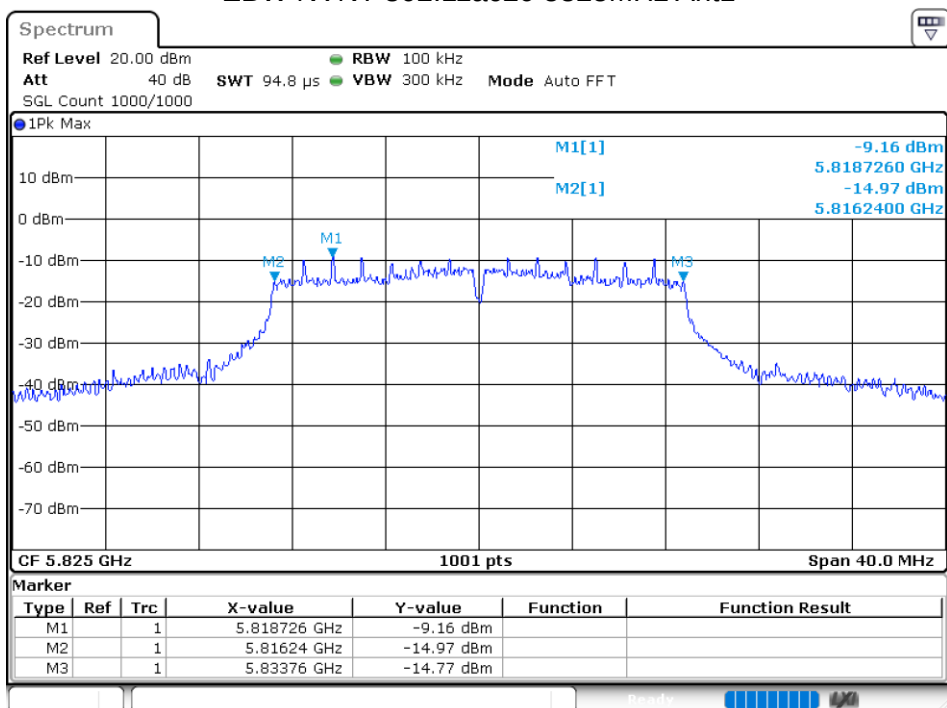
EBW NVNT 802.11a 5825MHz Ant1



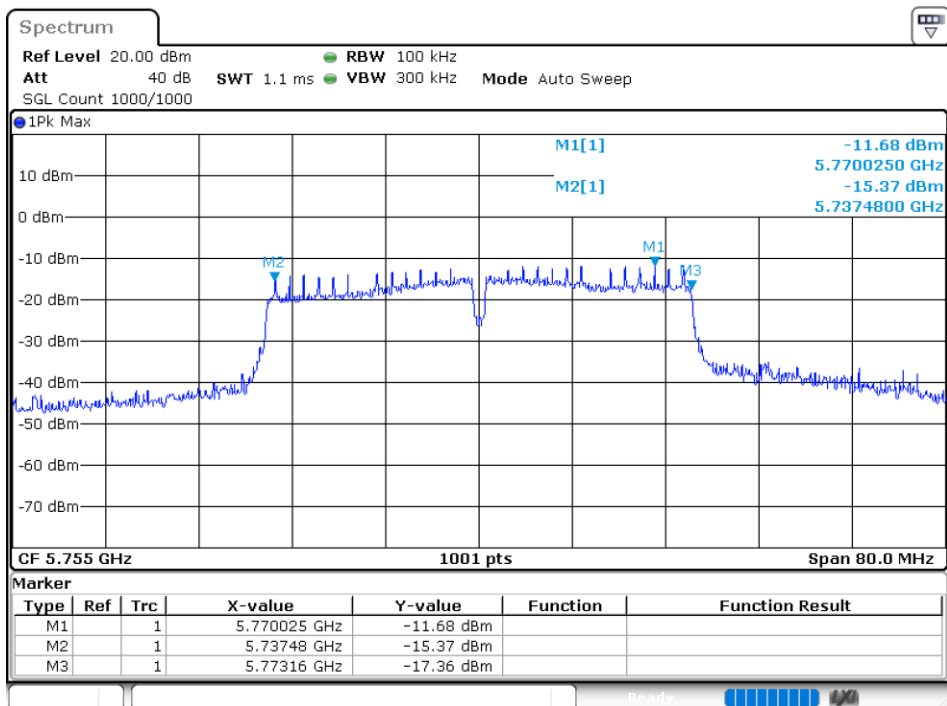
EBW NVNT 802.11ac20 5745MHz Ant1



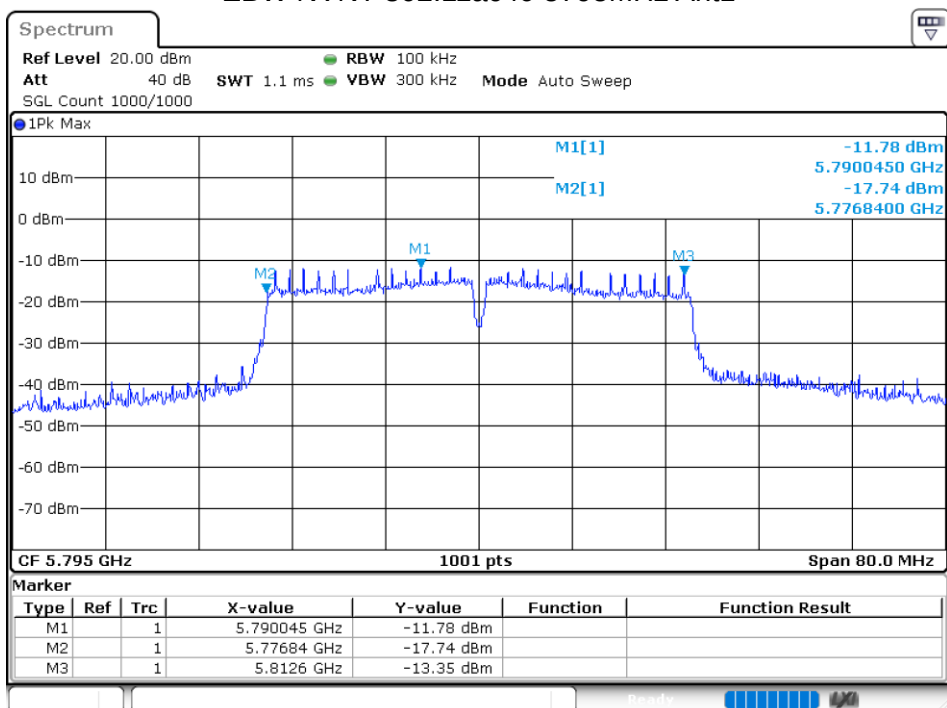
EBW NVNT 802.11ac20 5825MHz Ant1



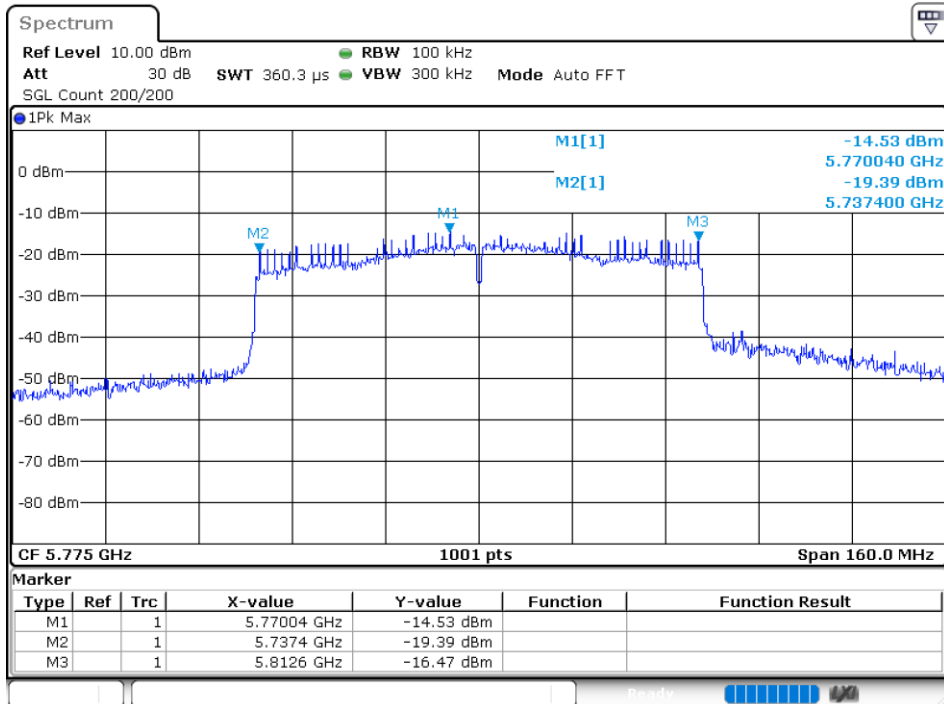
EBW NVNT 802.11ac40 5755MHz Ant1



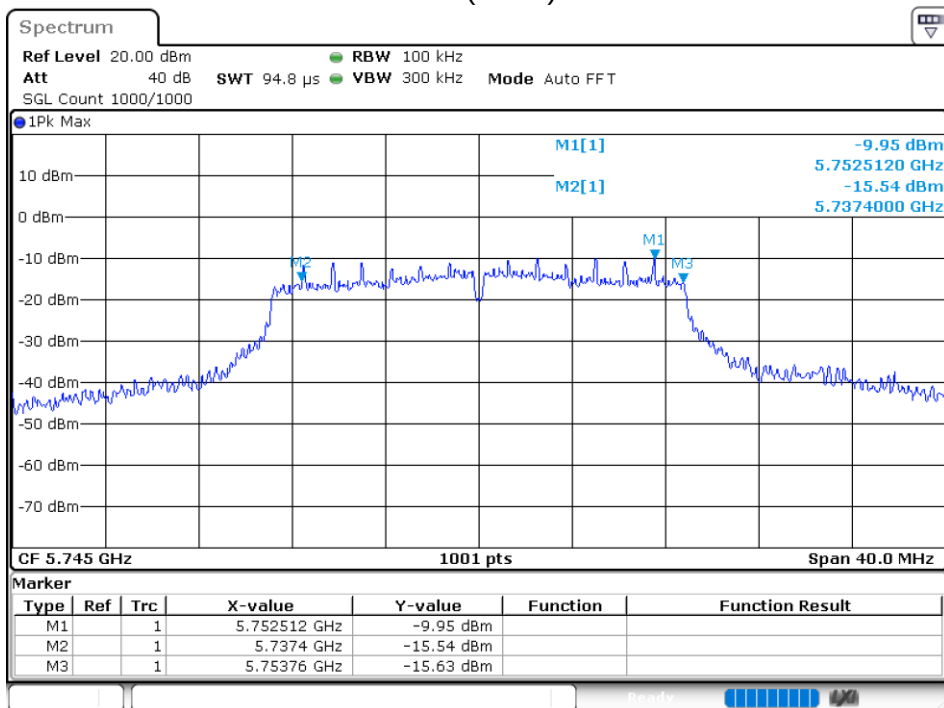
EBW NVNT 802.11ac40 5795MHz Ant1



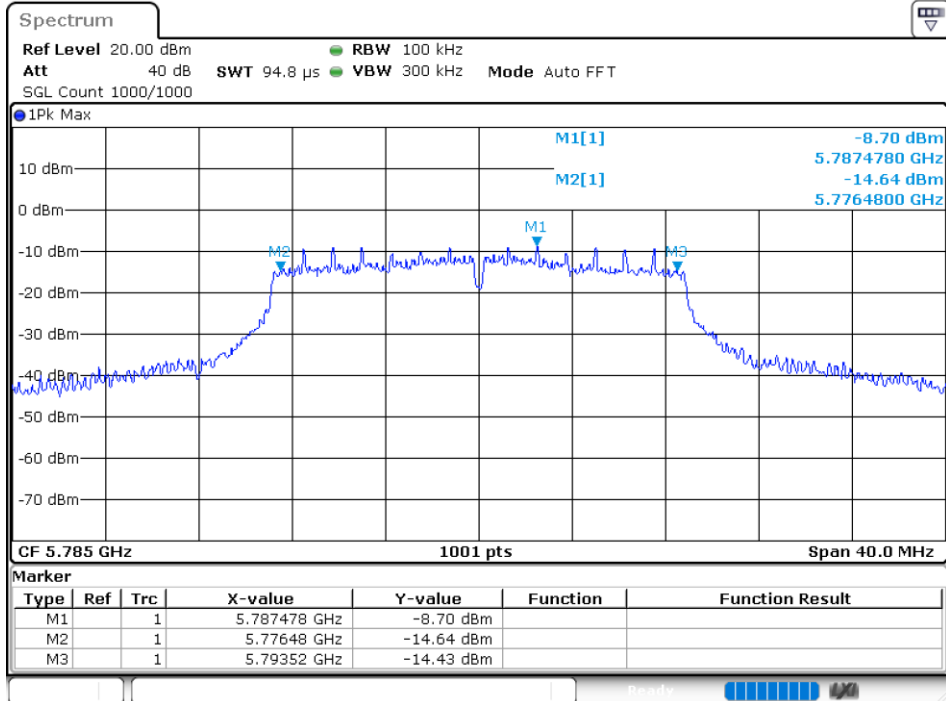
EBW NVNT 802.11ac80 5775MHz Ant1



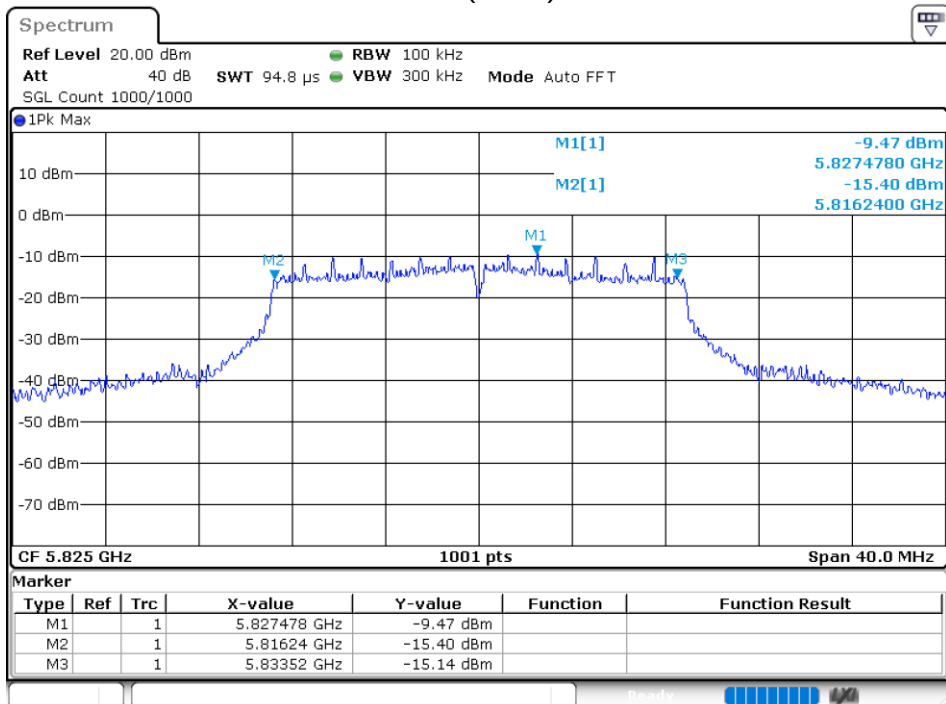
EBW NVNT 802.11n(HT20) 5745MHz Ant1



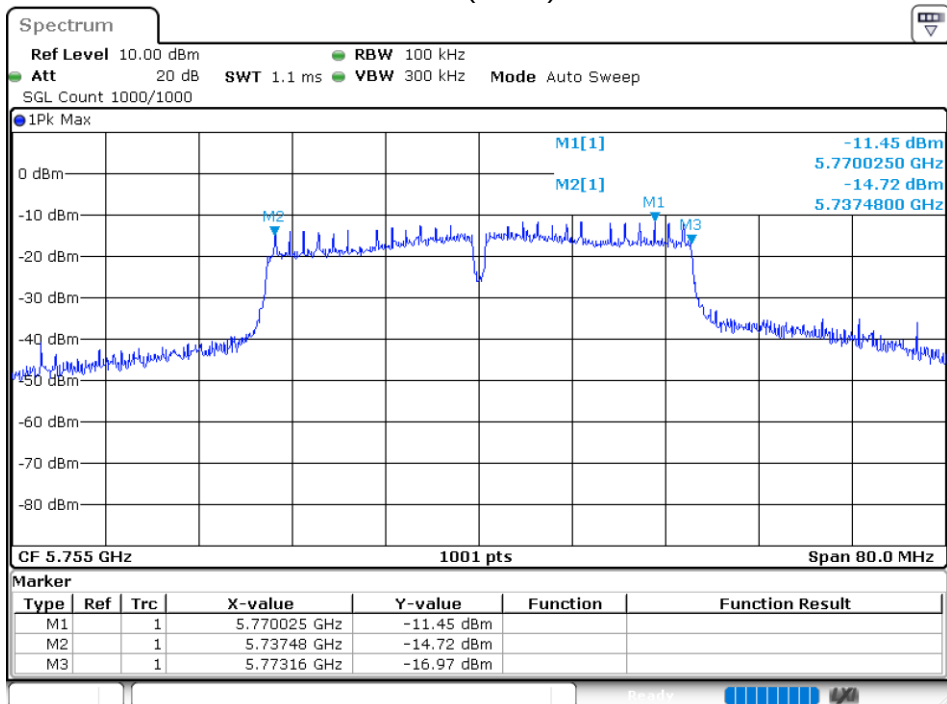
EBW NVNT 802.11n(HT20) 5785MHz Ant1



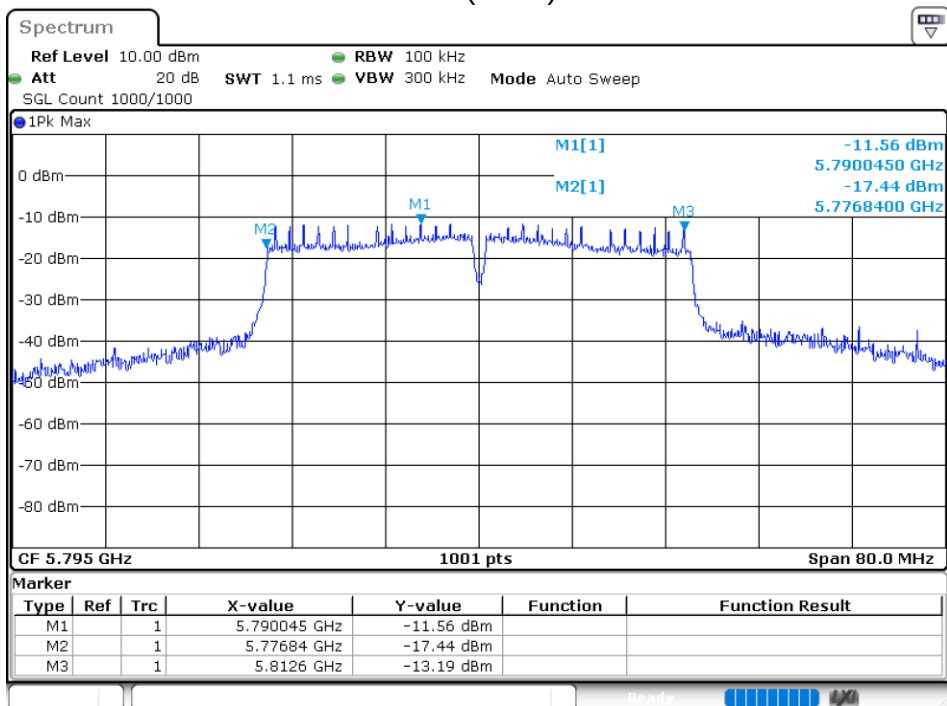
EBW NVNT 802.11n(HT20) 5825MHz Ant1



EBW NVNT 802.11n(HT40) 5755MHz Ant1



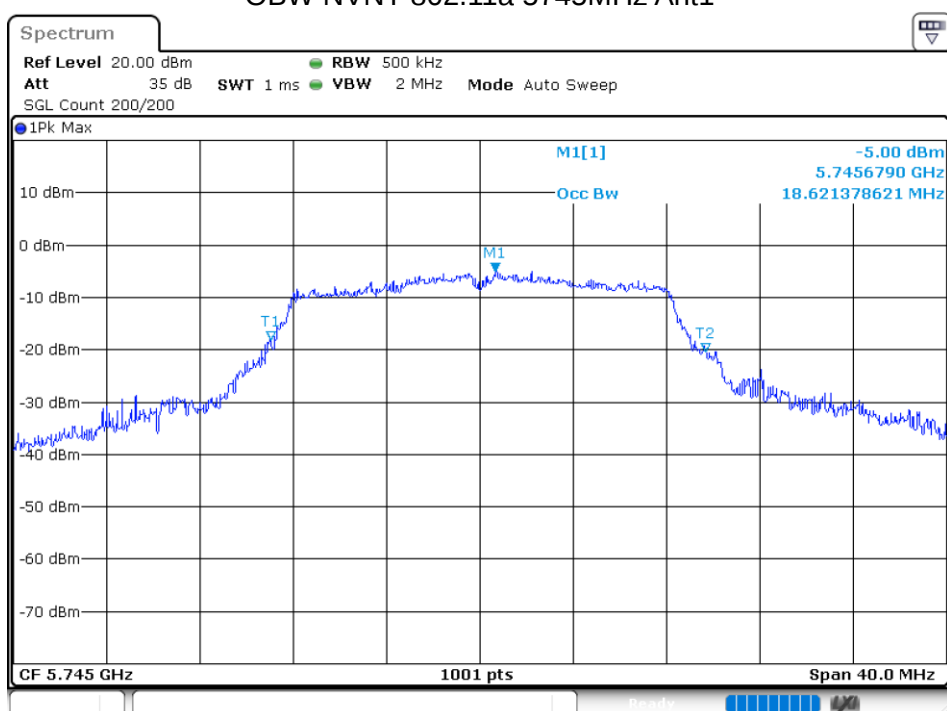
EBW NVNT 802.11n(HT40) 5795MHz Ant1



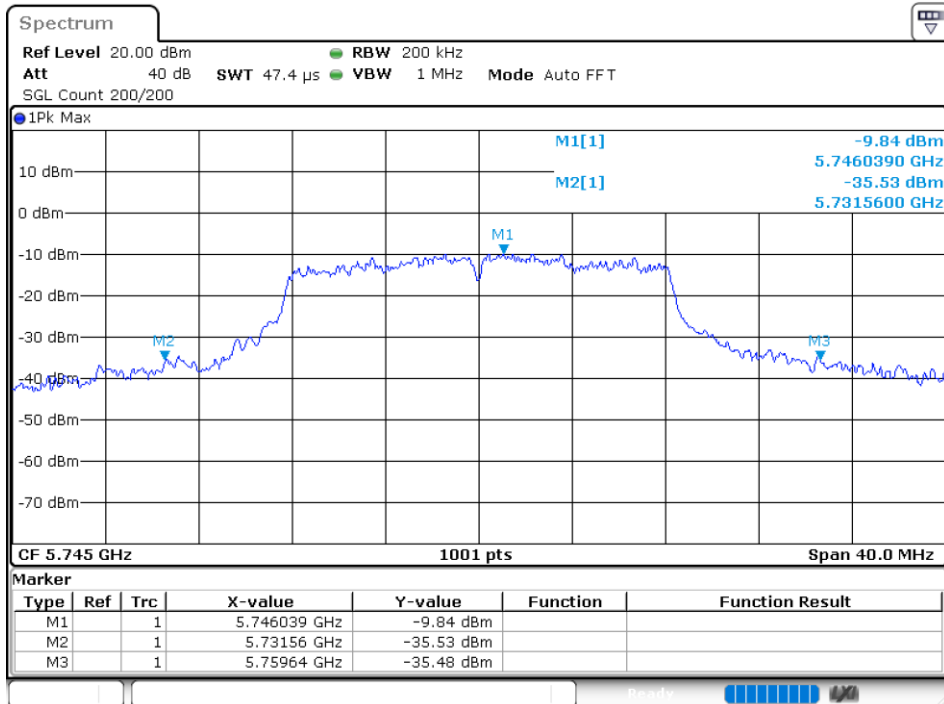
5.4 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)
NVNT	802.11a	5745	Ant 1	18.6214	28.08
NVNT	802.11a	5785	Ant 1	18.3816	28.24
NVNT	802.11a	5825	Ant 1	18.5415	29.08
NVNT	802.11ac20	5745	Ant 1	18.3816	26.48
NVNT	802.11ac20	5825	Ant 1	18.1419	27.56
NVNT	802.11ac40	5755	Ant 1	36.6833	60.72
NVNT	802.11ac40	5795	Ant 1	36.5235	60.48
NVNT	802.11ac80	5775	Ant 1	75.4446	99.84
NVNT	802.11n(HT20)	5745	Ant 1	18.4615	28.16
NVNT	802.11n(HT20)	5785	Ant 1	18.2617	26.6
NVNT	802.11n(HT20)	5825	Ant 1	18.1818	26.24
NVNT	802.11n(HT40)	5755	Ant 1	37.0829	63.28
NVNT	802.11n(HT40)	5795	Ant 1	36.6833	63.6

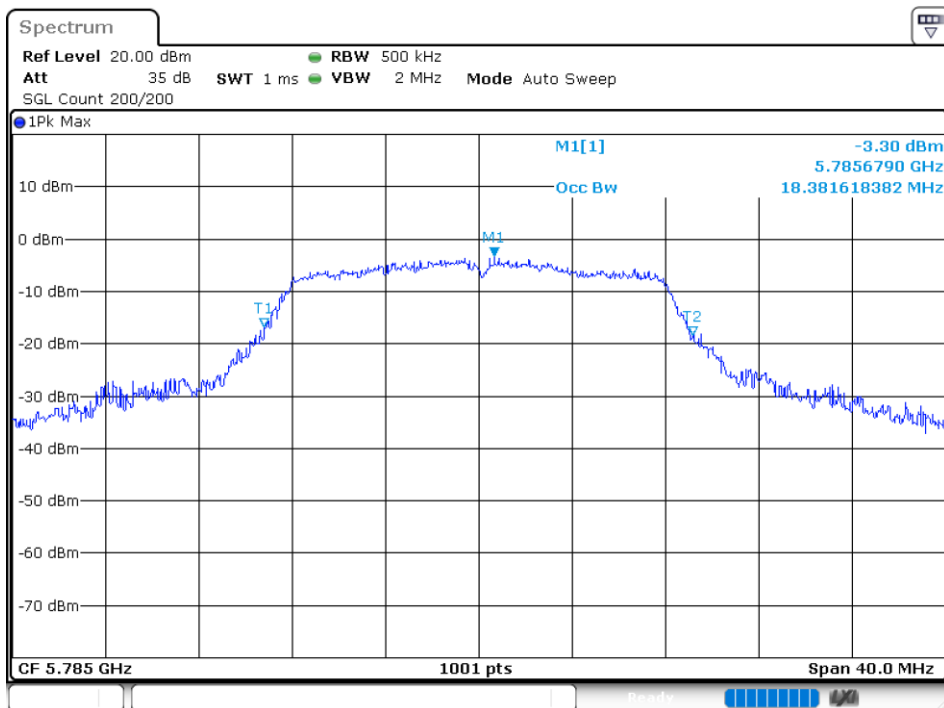
OBW NVNT 802.11a 5745MHz Ant1



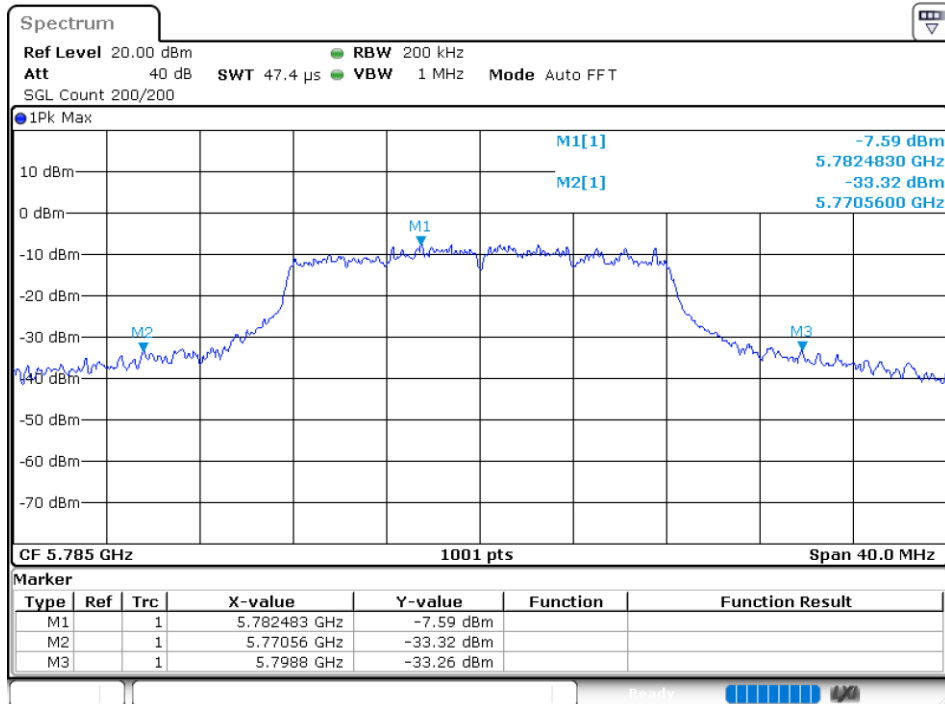
-26 dB BW NVNT 802.11a 5745MHz Ant1



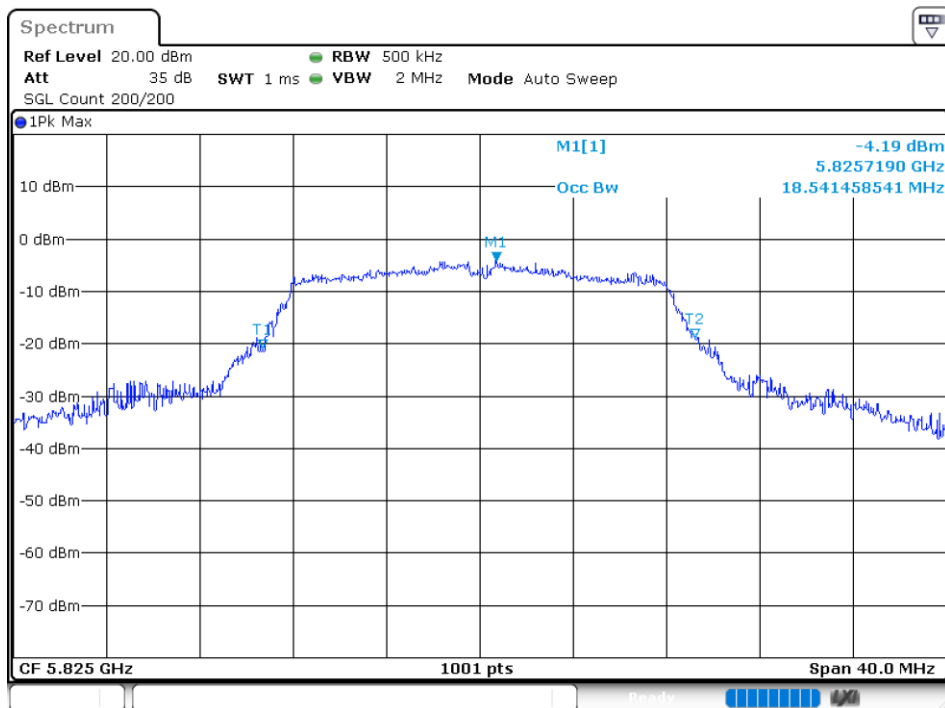
OBW NVNT 802.11a 5785MHz Ant1



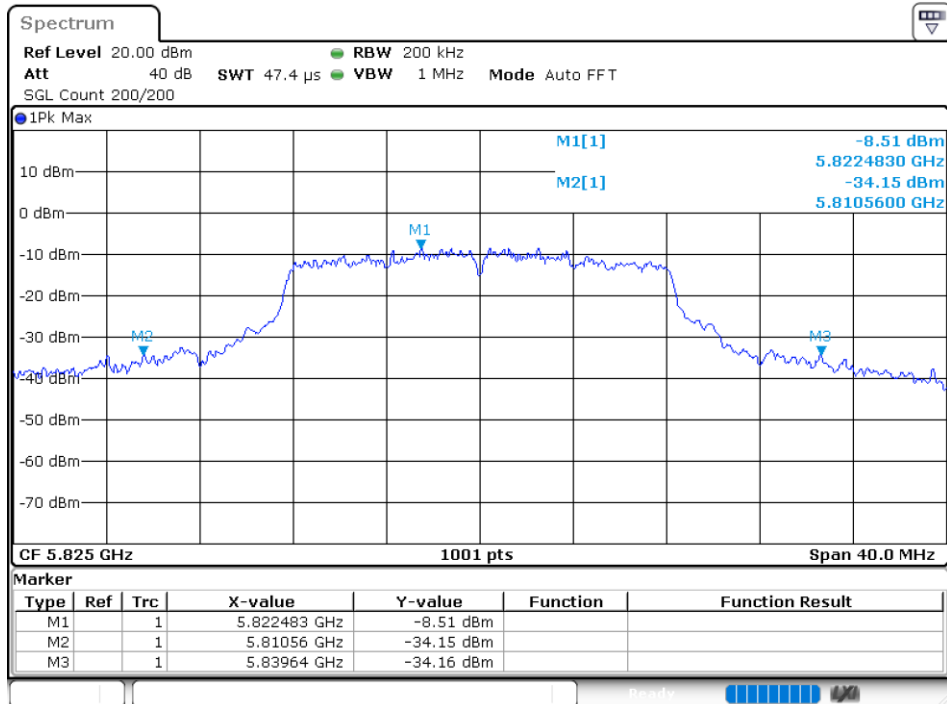
-26 dB BW NVNT 802.11a 5785MHz Ant1



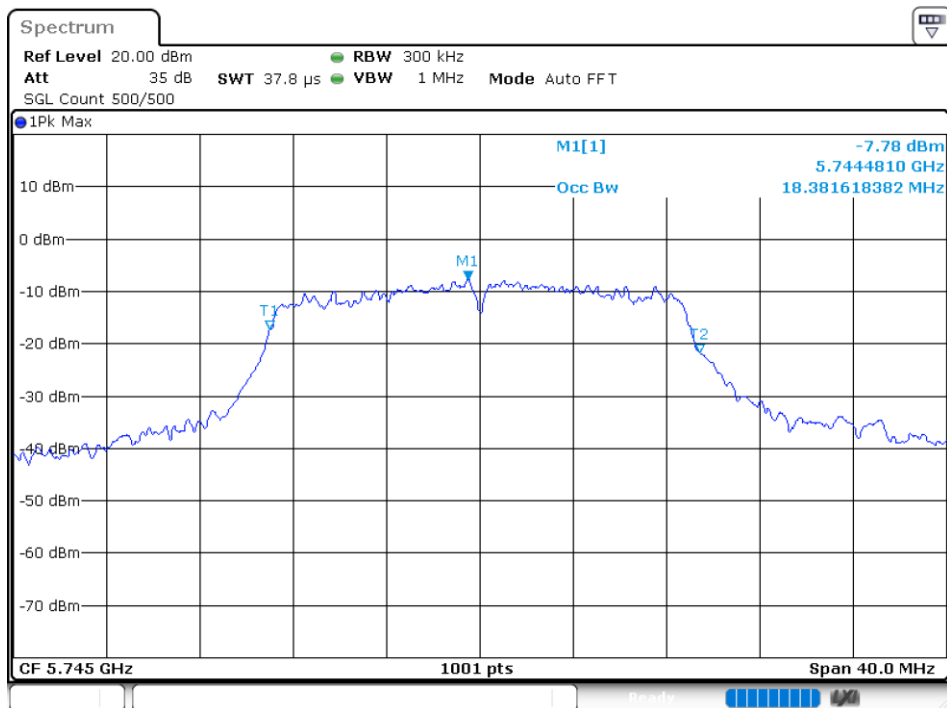
OBW NVNT 802.11a 5825MHz Ant1



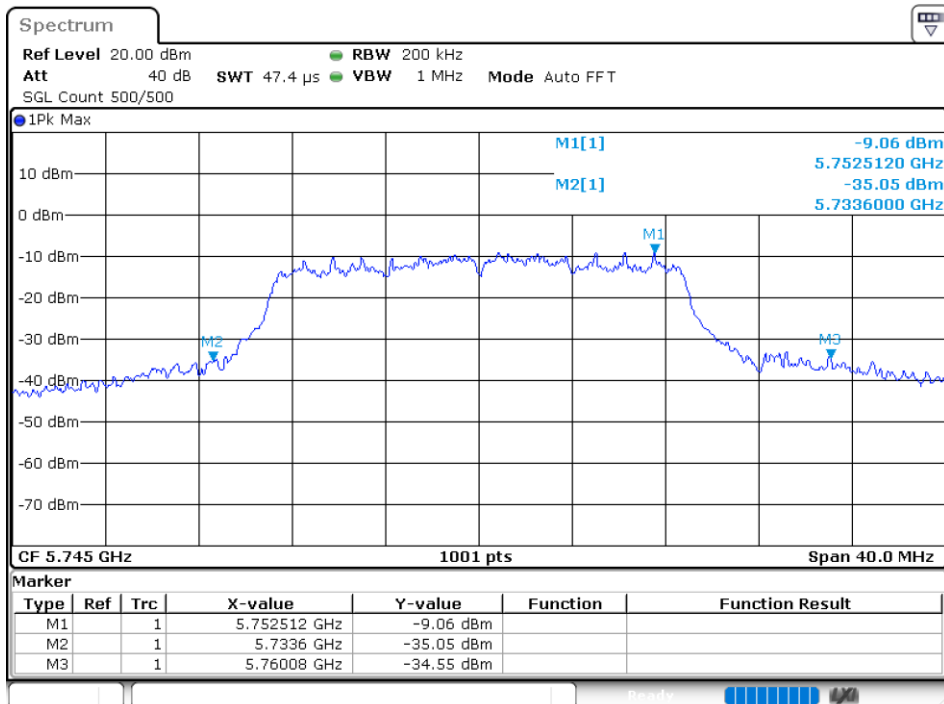
-26 dB BW NVNT 802.11a 5825MHz Ant1



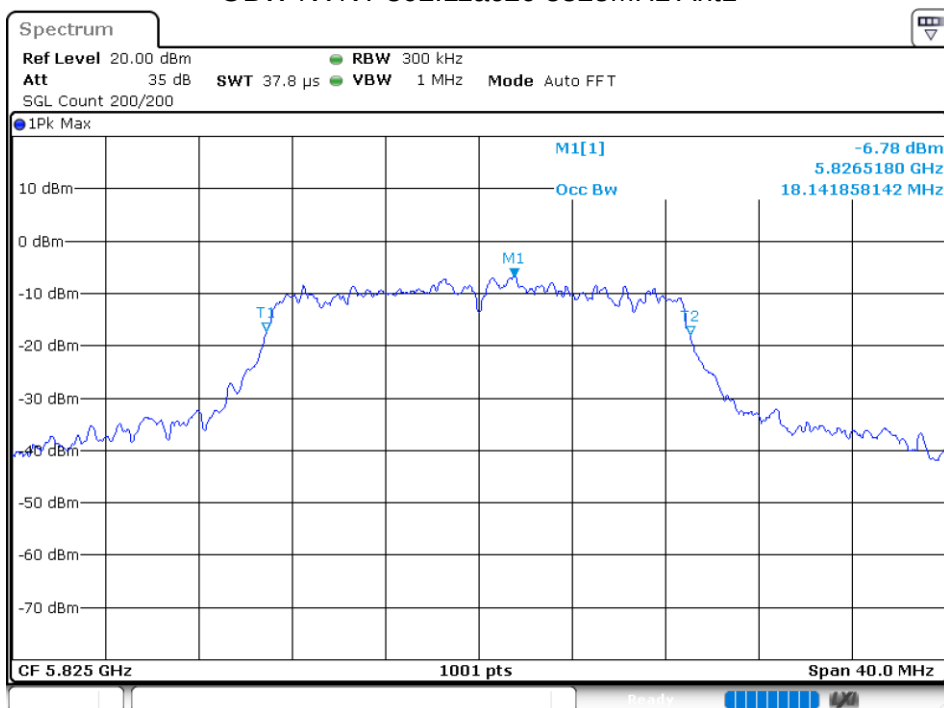
OBW NVNT 802.11ac20 5745MHz Ant1



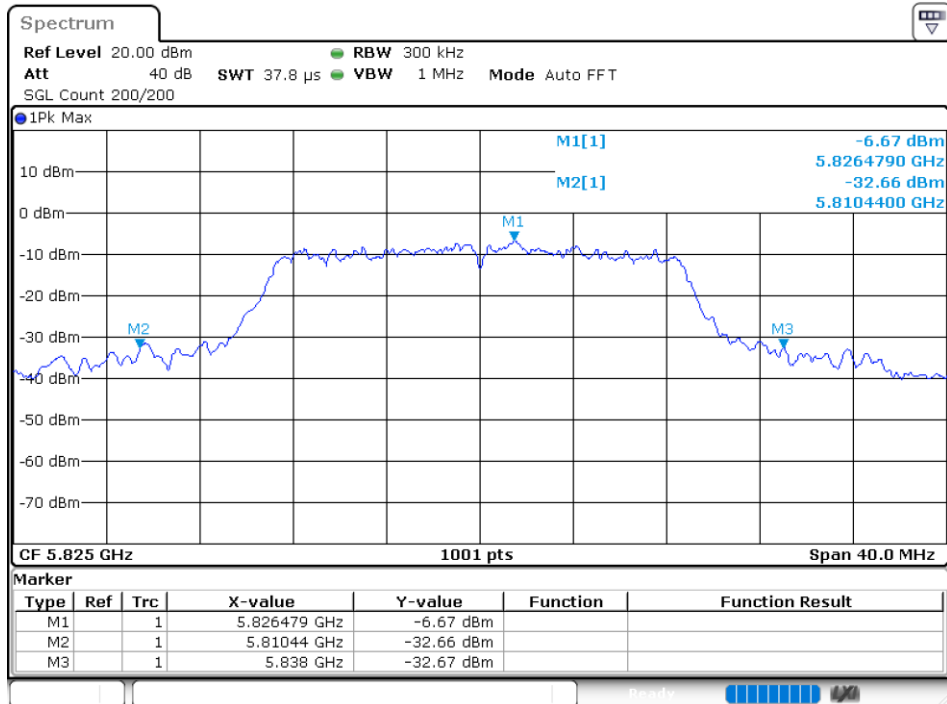
-26 dB BW NVNT 802.11ac20 5745MHz Ant1



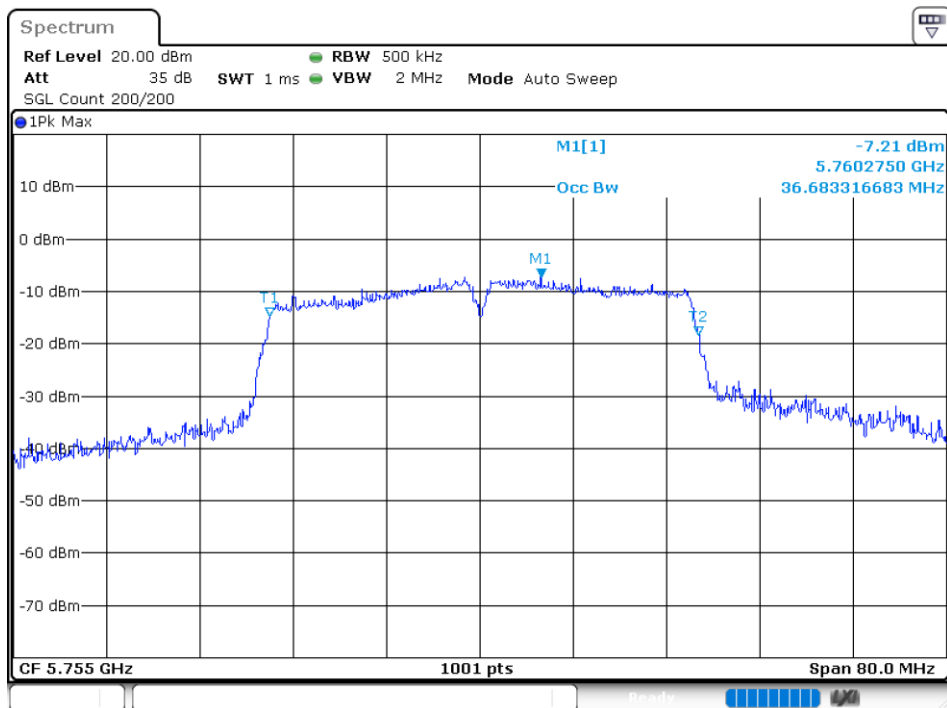
OBW NVNT 802.11ac20 5825MHz Ant1



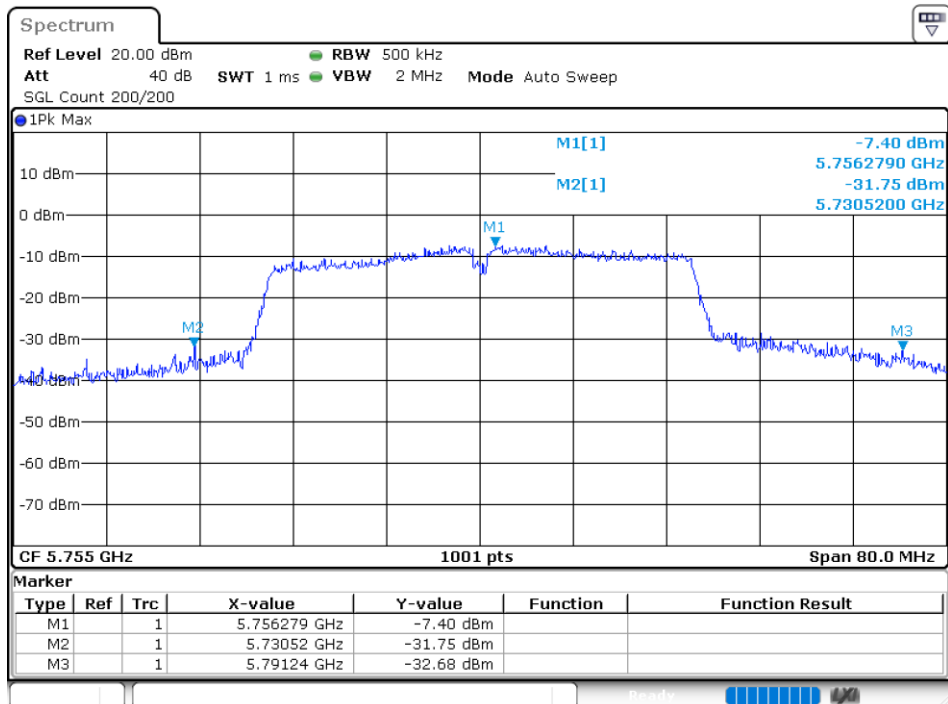
-26 dB BW NVNT 802.11ac20 5825MHz Ant1



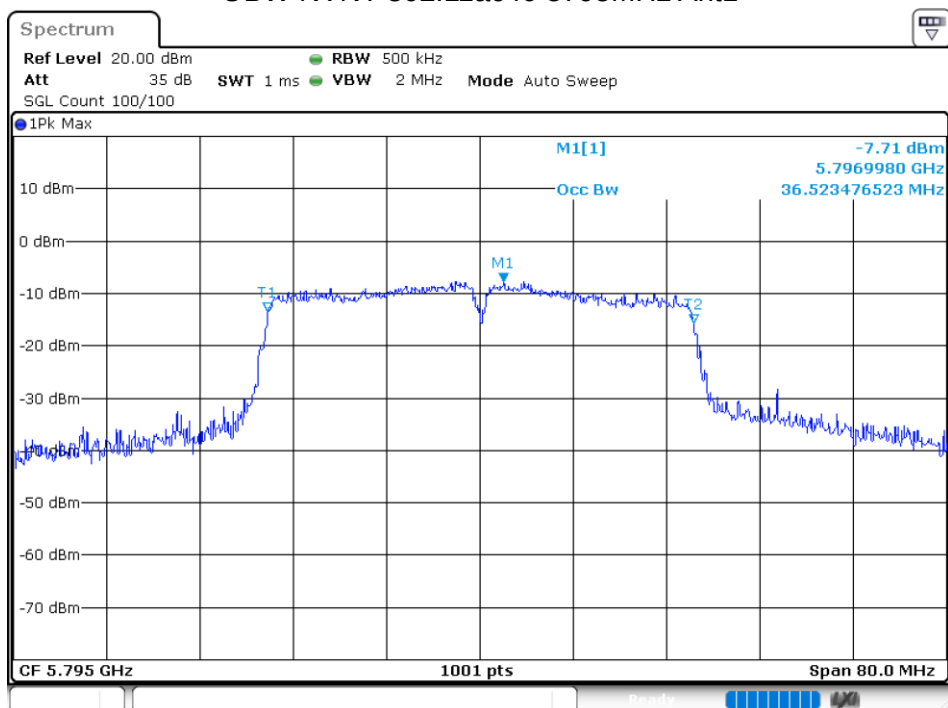
OBW NVNT 802.11ac40 5755MHz Ant1



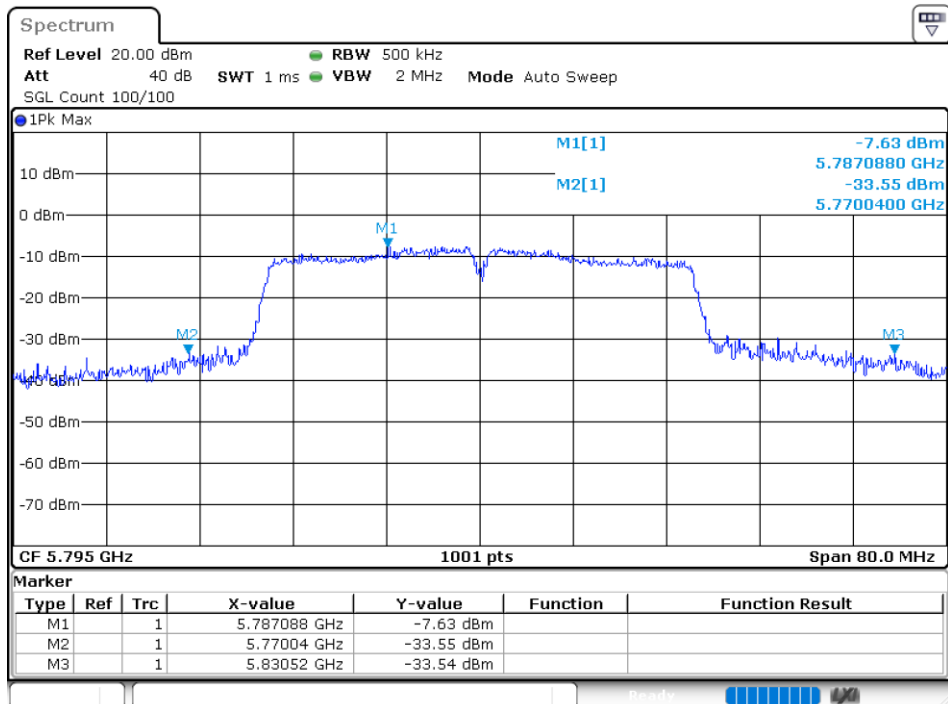
-26 dB BW NVNT 802.11ac40 5755MHz Ant1



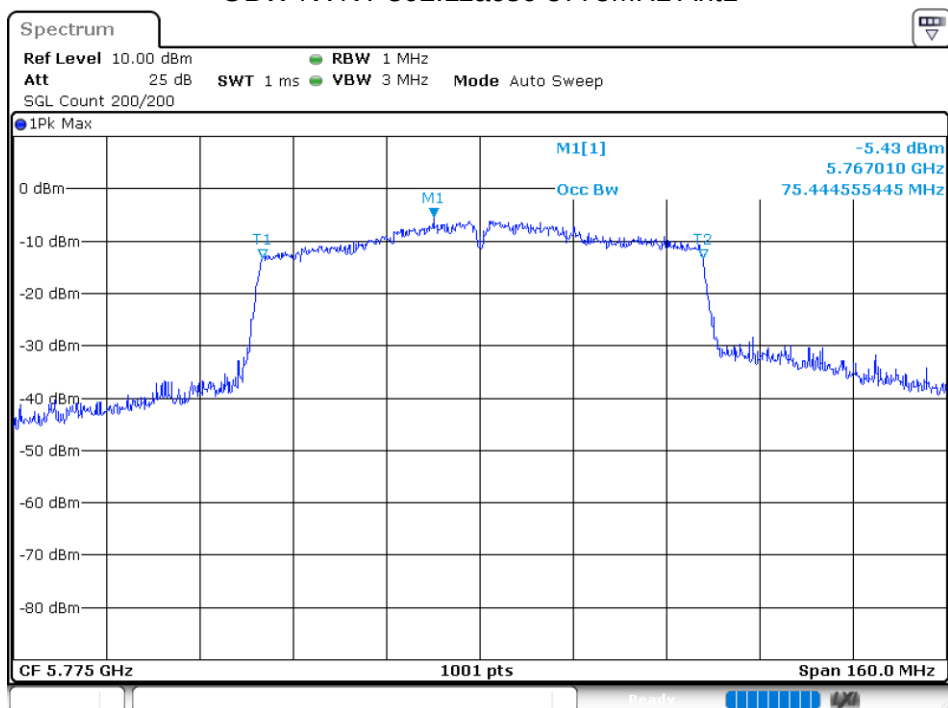
OBW NVNT 802.11ac40 5795MHz Ant1



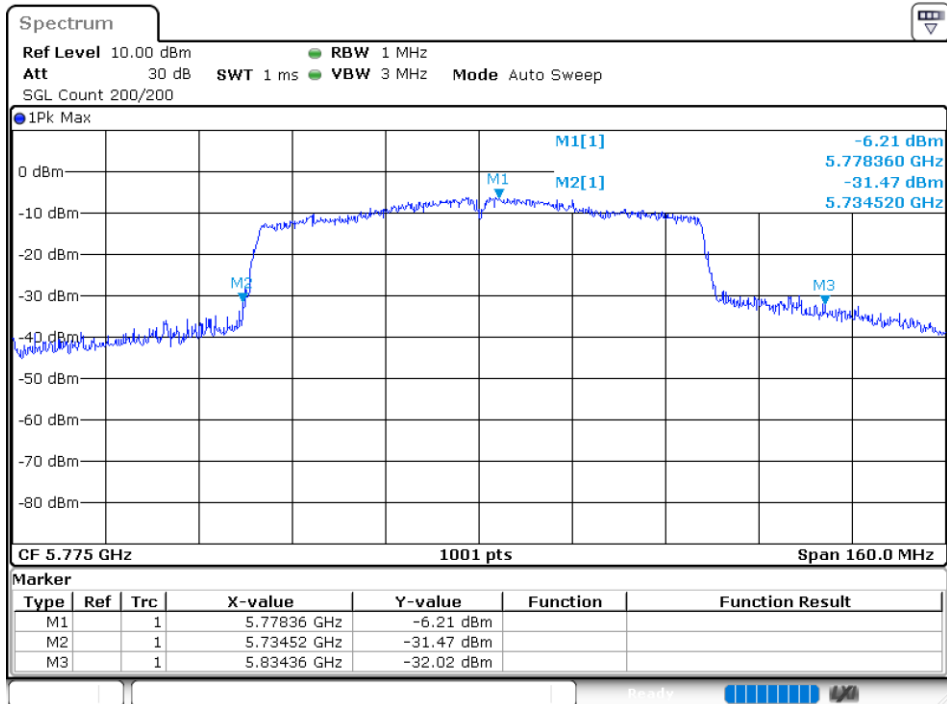
-26 dB BW NVNT 802.11ac40 5795MHz Ant1



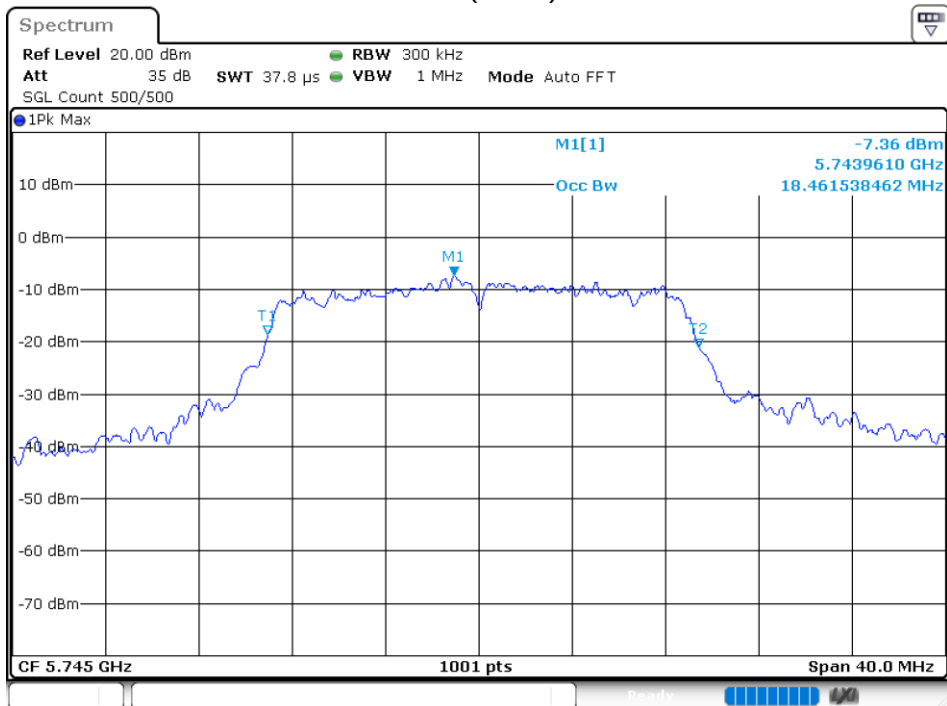
OBW NVNT 802.11ac80 5775MHz Ant1



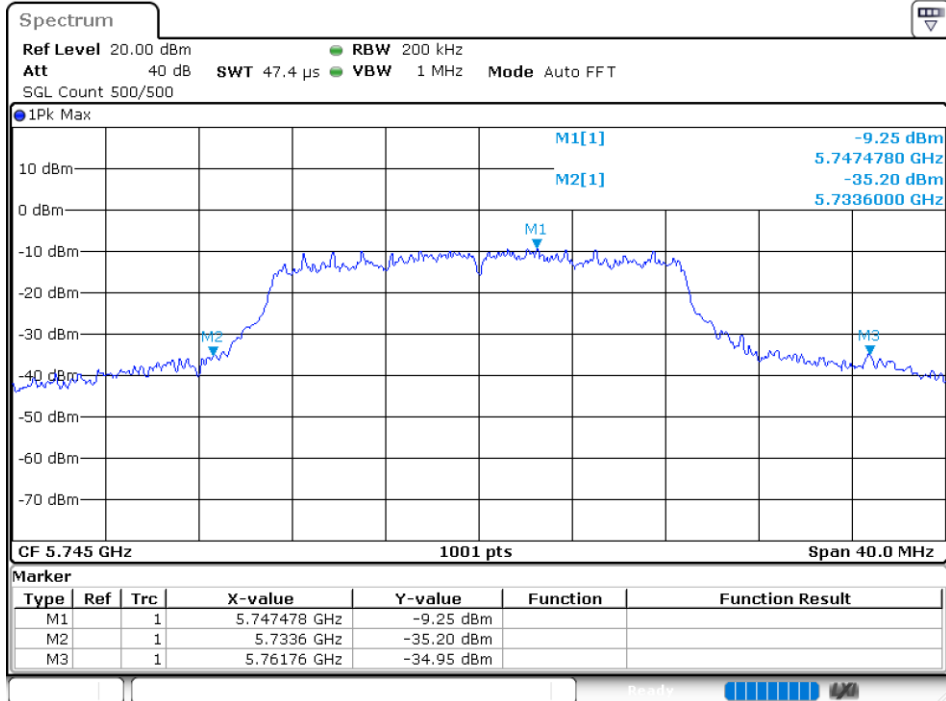
-26 dB BW NVNT 802.11ac80 5775MHz Ant1



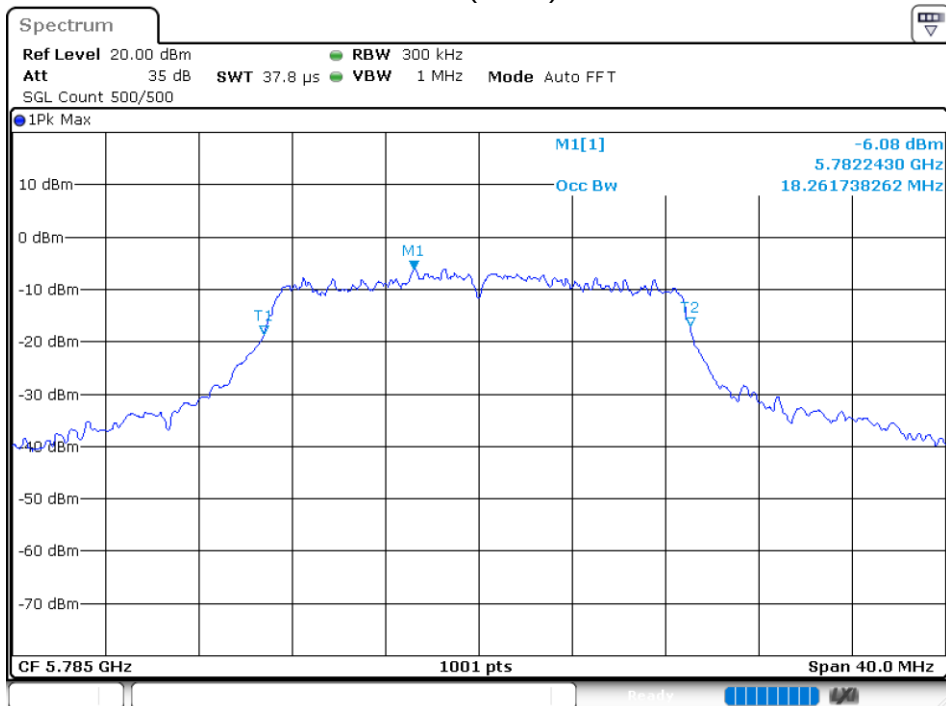
OBW NVNT 802.11n(HT20) 5745MHz Ant1



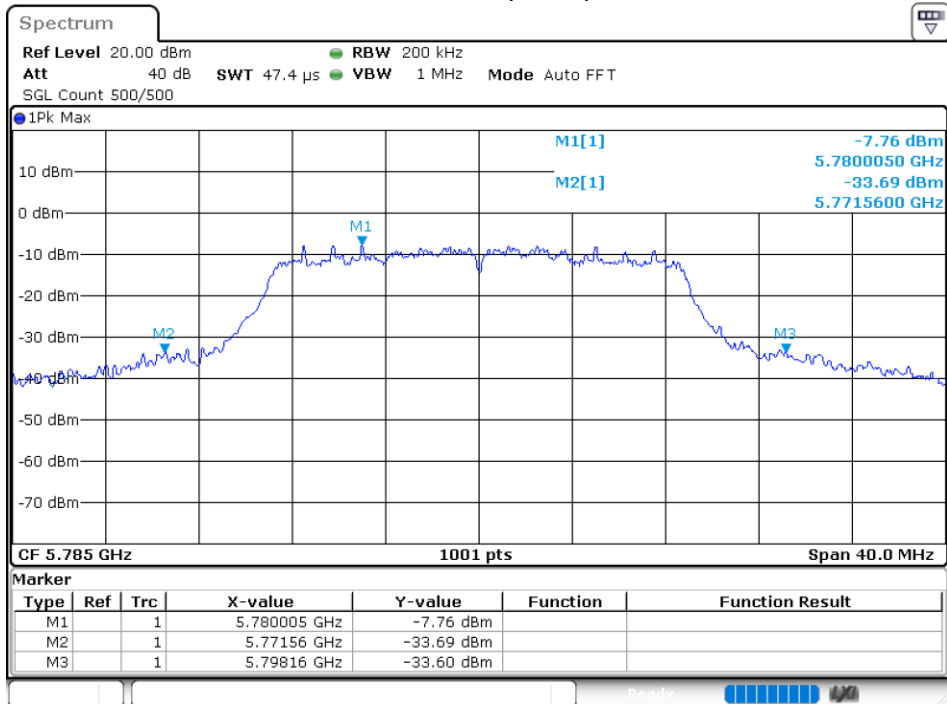
-26 dB BW NVNT 802.11n(HT20) 5745MHz Ant1



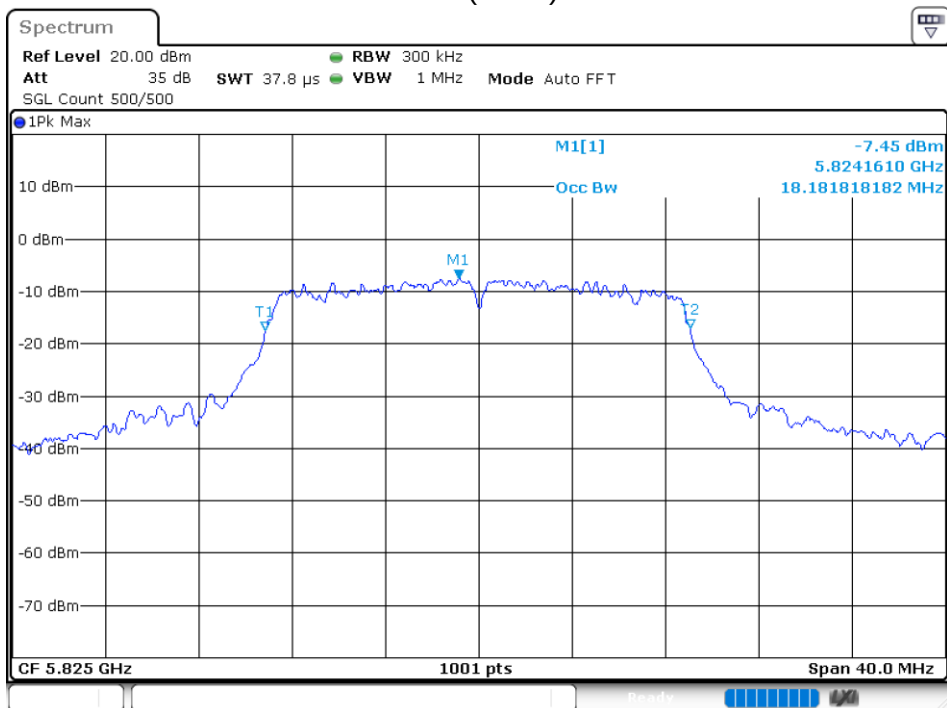
OBW NVNT 802.11n(HT20) 5785MHz Ant1



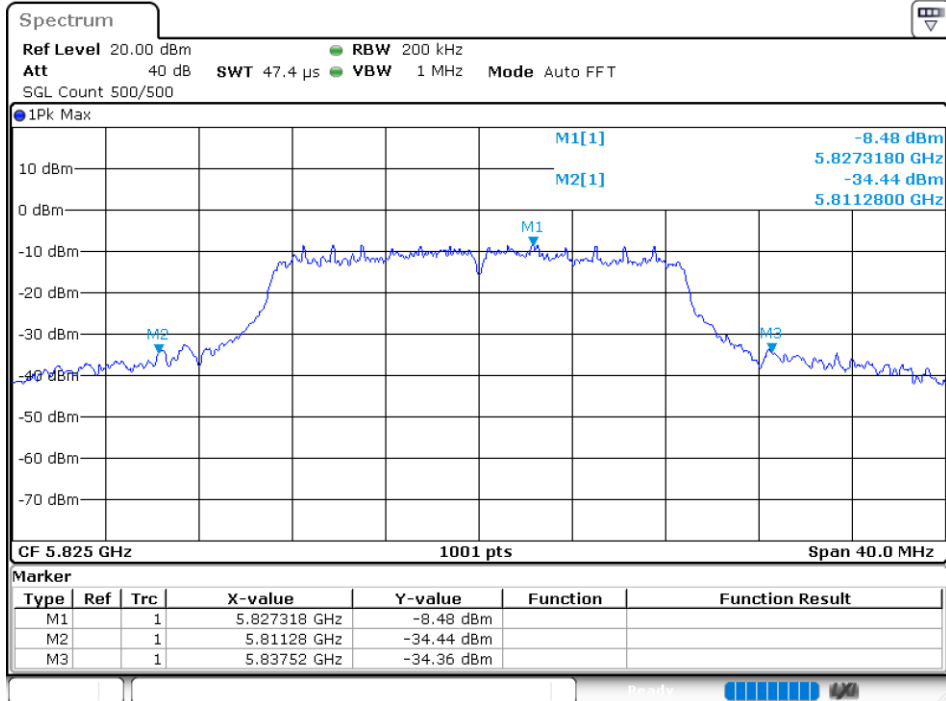
-26 dB BW NVNT 802.11n(HT20) 5785MHz Ant1



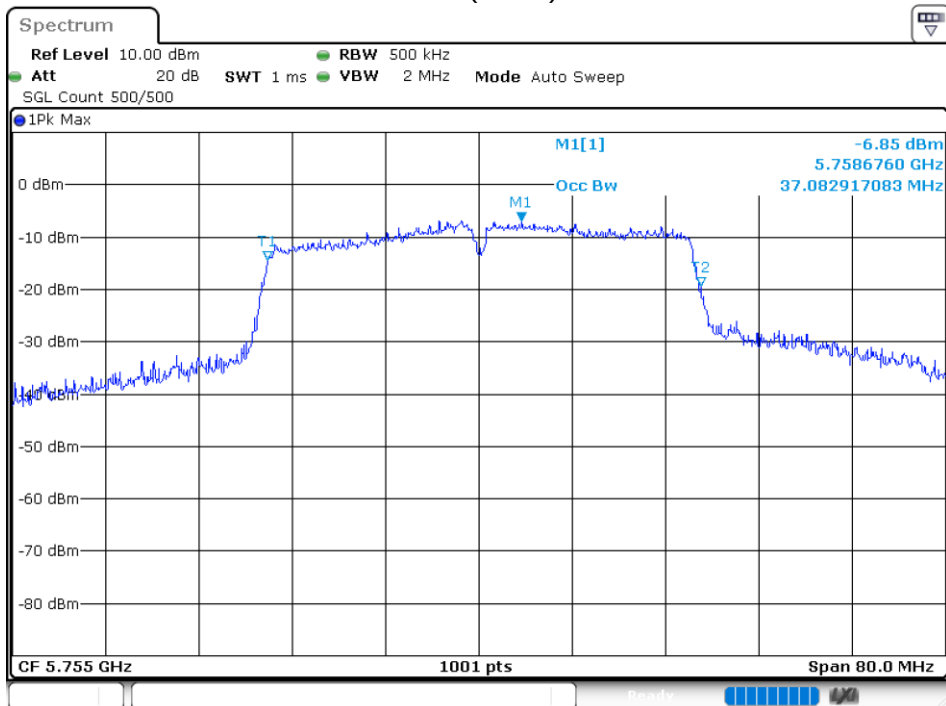
OBW NVNT 802.11n(HT20) 5825MHz Ant1



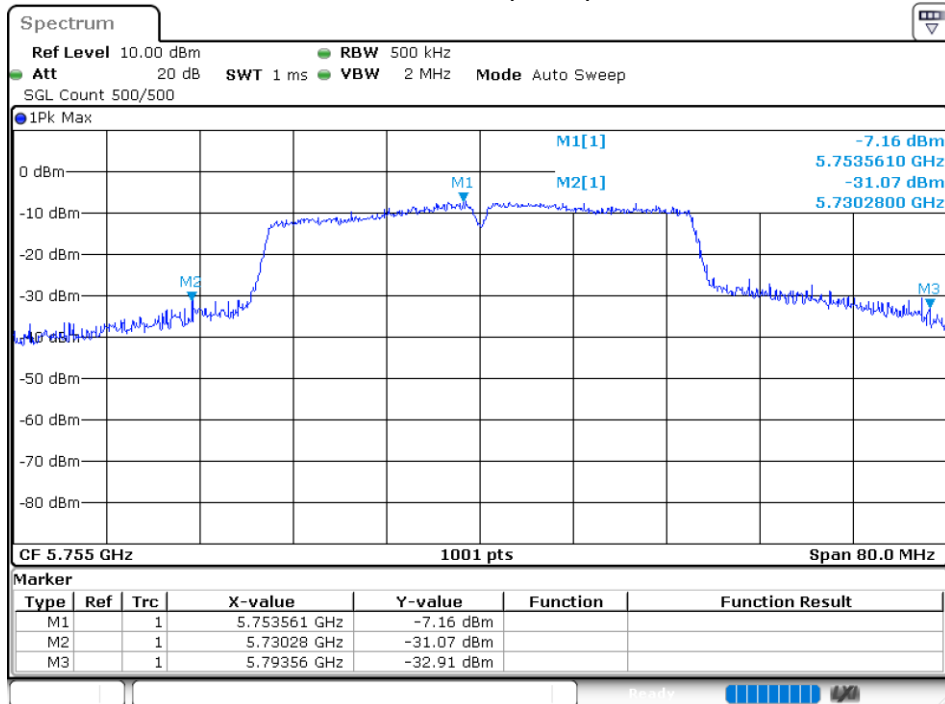
-26 dB BW NVNT 802.11n(HT20) 5825MHz Ant1



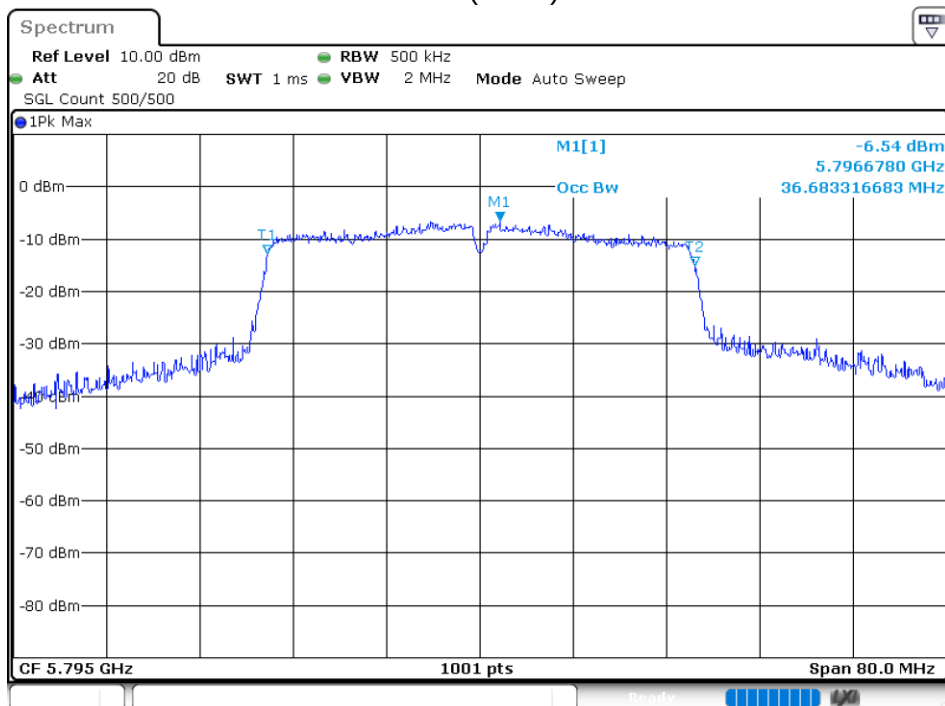
OBW NVNT 802.11n(HT40) 5755MHz Ant1



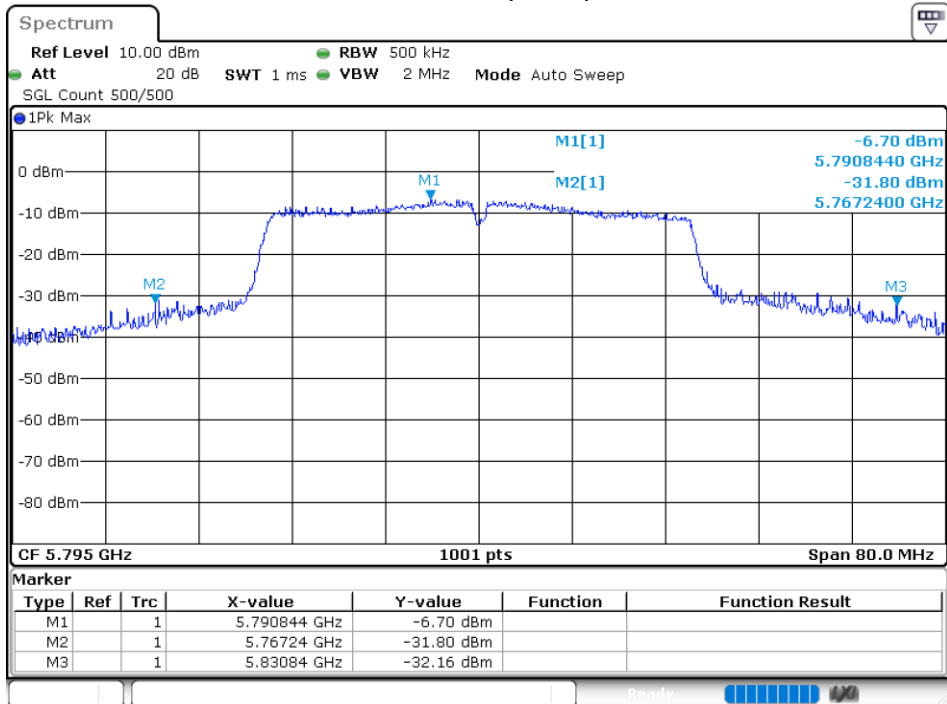
-26 dB BW NVNT 802.11n(HT40) 5755MHz Ant1



OBW NVNT 802.11n(HT40) 5795MHz Ant1



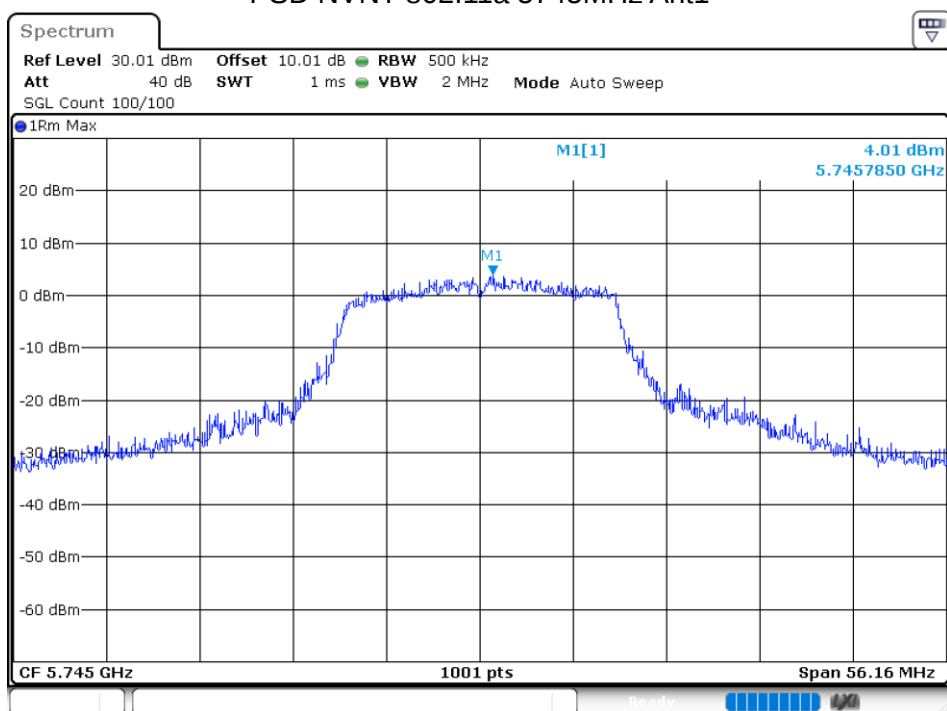
-26 dB BW NVNT 802.11n(HT40) 5795MHz Ant1



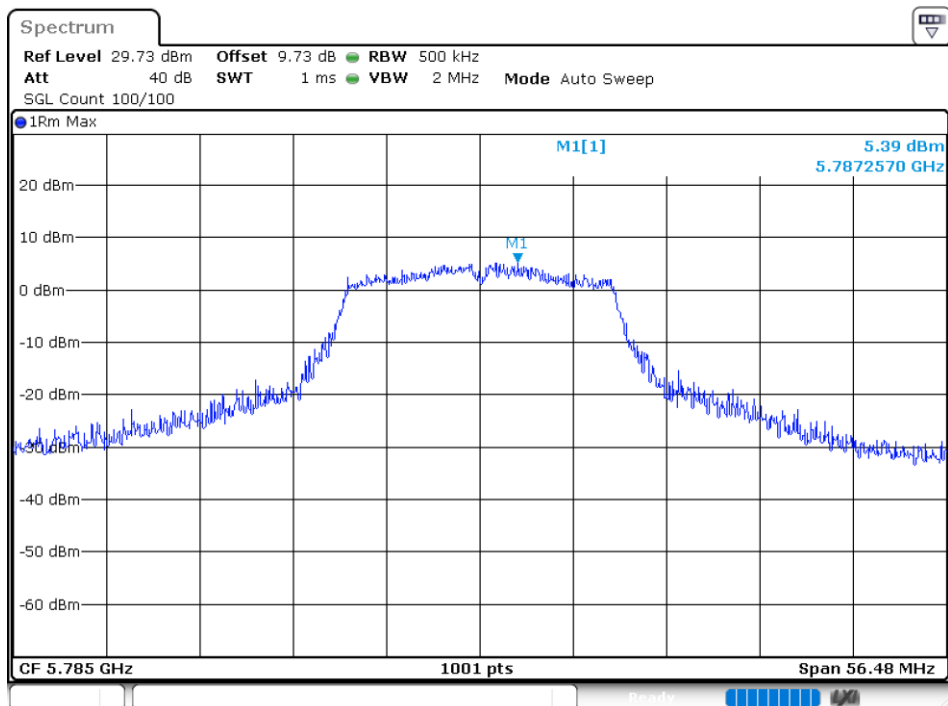
5.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)/500kHz	Verdict
NVNT	802.11a	5745	Ant 1	4.006	30	Pass
NVNT	802.11a	5785	Ant 1	5.388	30	Pass
NVNT	802.11a	5825	Ant 1	5.123	30	Pass
NVNT	802.11ac20	5745	Ant 1	3.72	30	Pass
NVNT	802.11ac20	5825	Ant 1	5.318	30	Pass
NVNT	802.11ac40	5755	Ant 1	2.315	30	Pass
NVNT	802.11ac40	5795	Ant 1	2.444	30	Pass
NVNT	802.11ac80	5775	Ant 1	-0.728	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	3.588	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	5.54	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	4.171	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	2.265	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	2.401	30	Pass

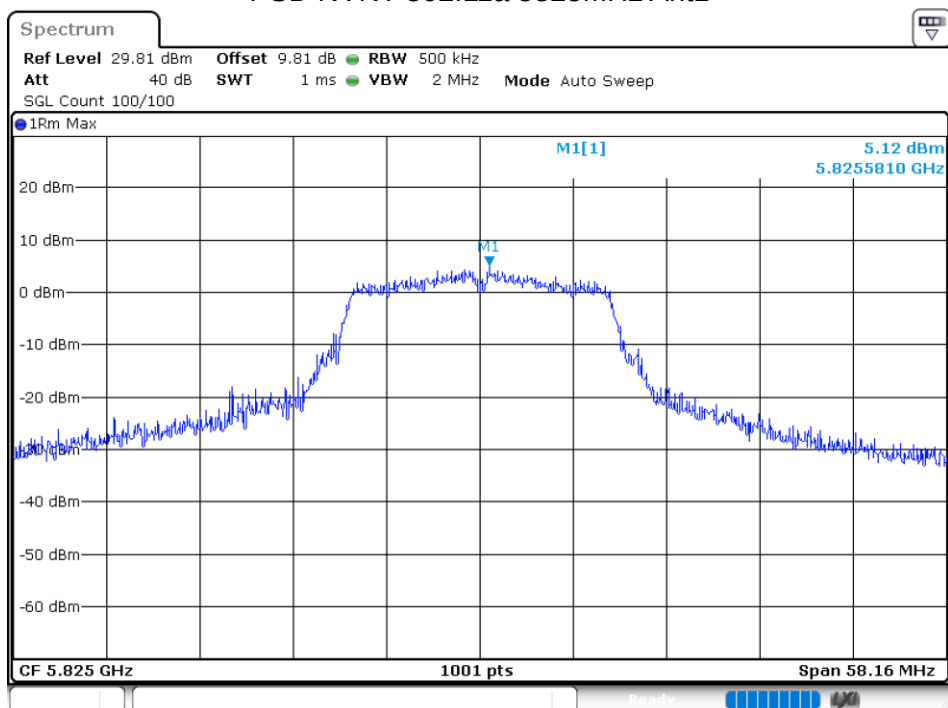
PSD NVNT 802.11a 5745MHz Ant1



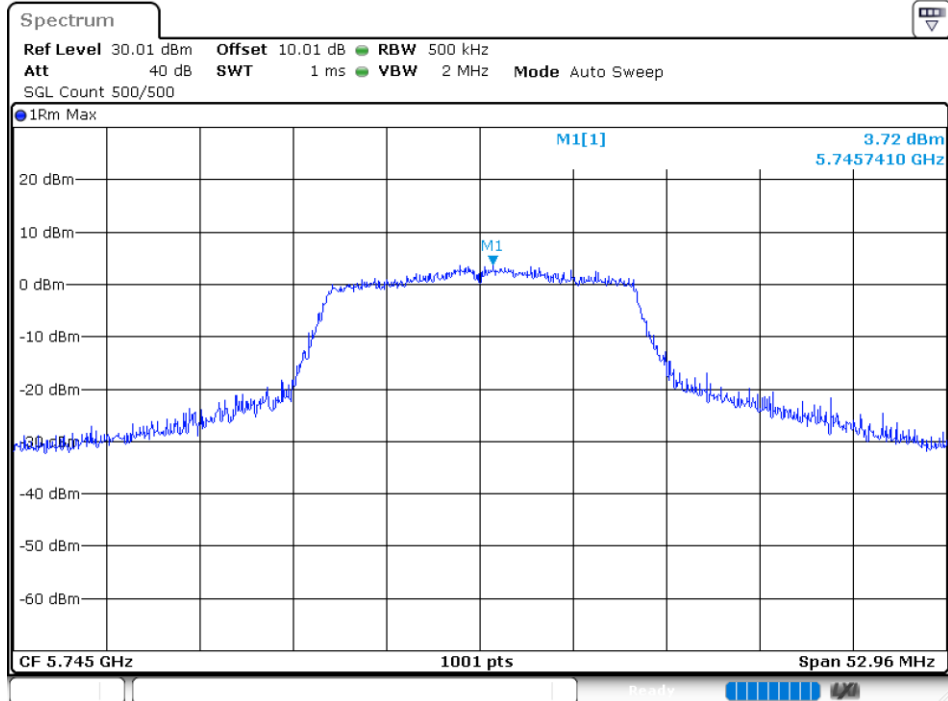
PSD NVNT 802.11a 5785MHz Ant1



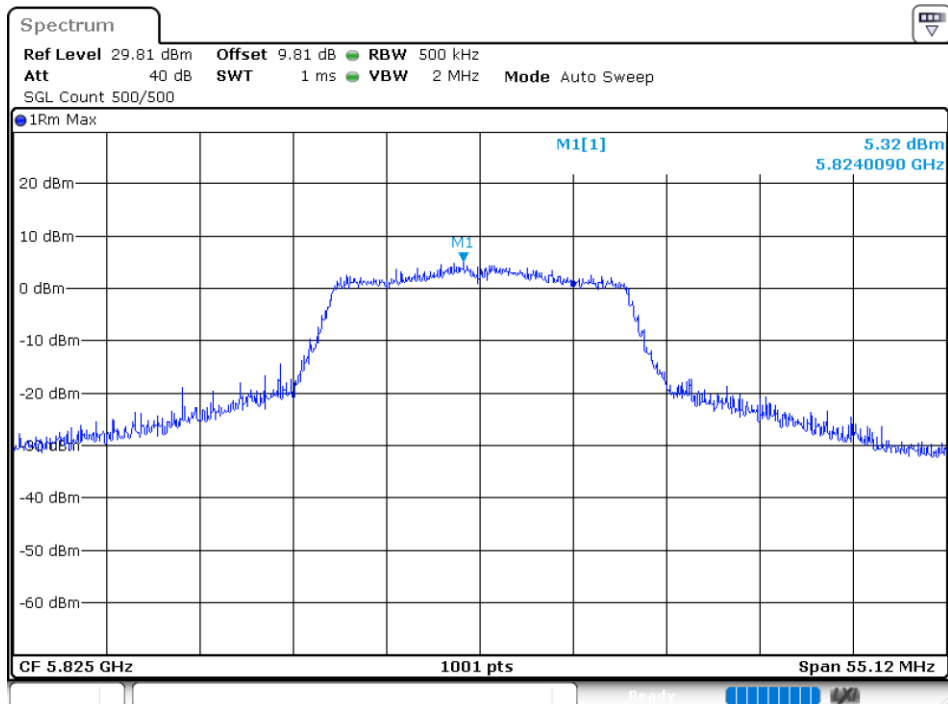
PSD NVNT 802.11a 5825MHz Ant1



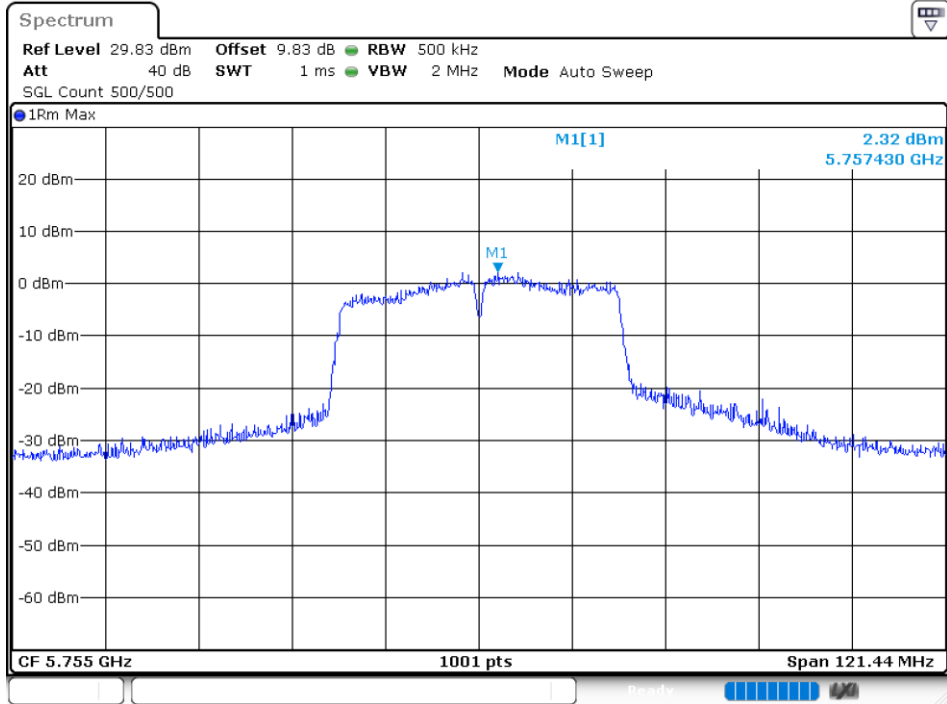
PSD NVNT 802.11ac20 5745MHz Ant1



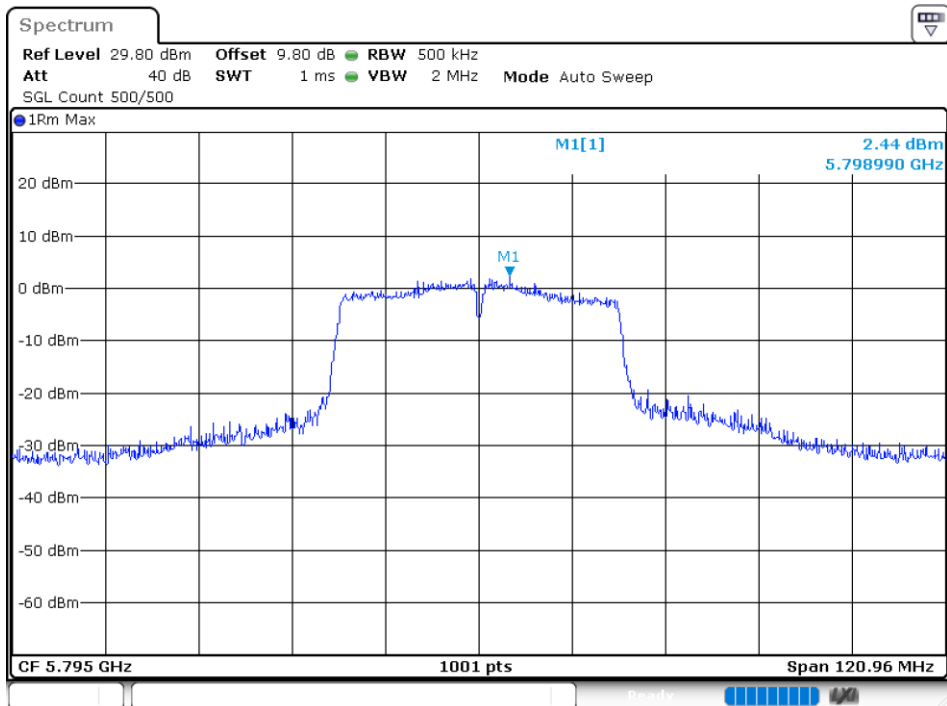
PSD NVNT 802.11ac20 5825MHz Ant1



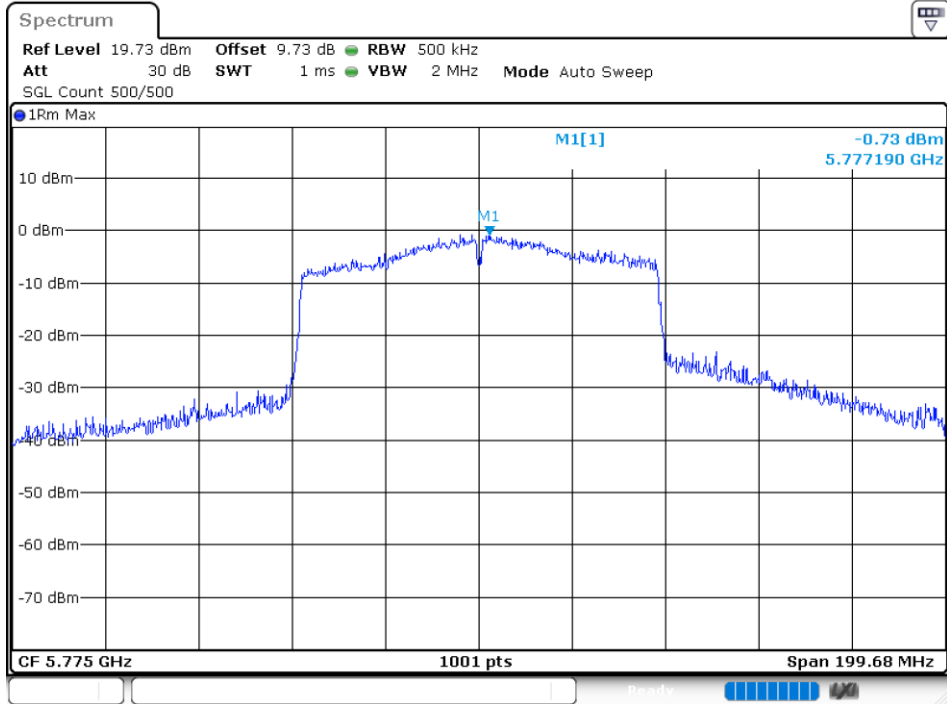
PSD NVNT 802.11ac40 5755MHz Ant1



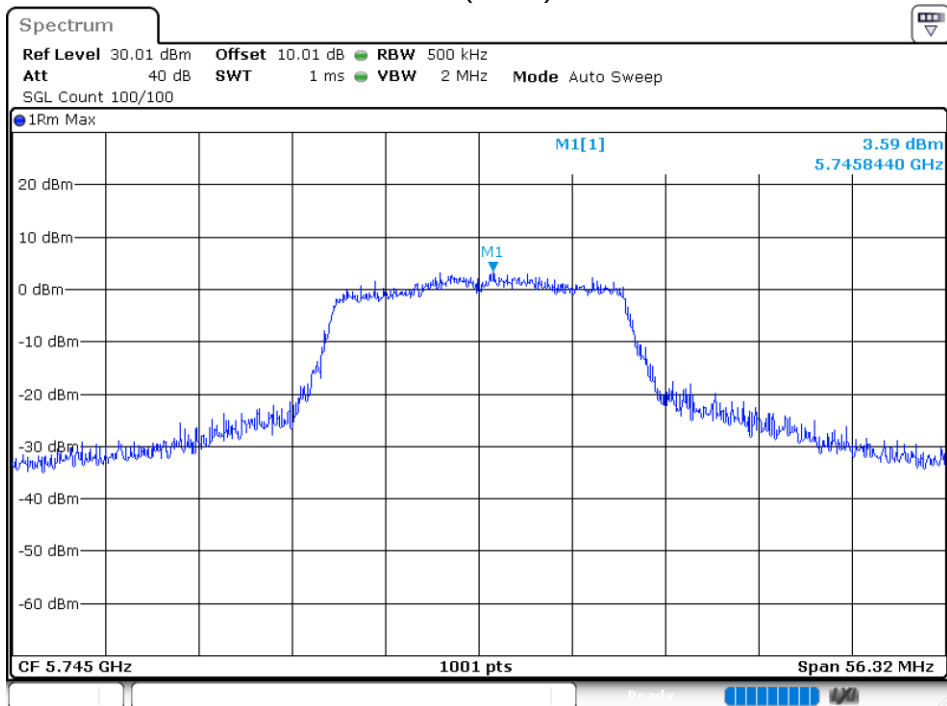
PSD NVNT 802.11ac40 5795MHz Ant1



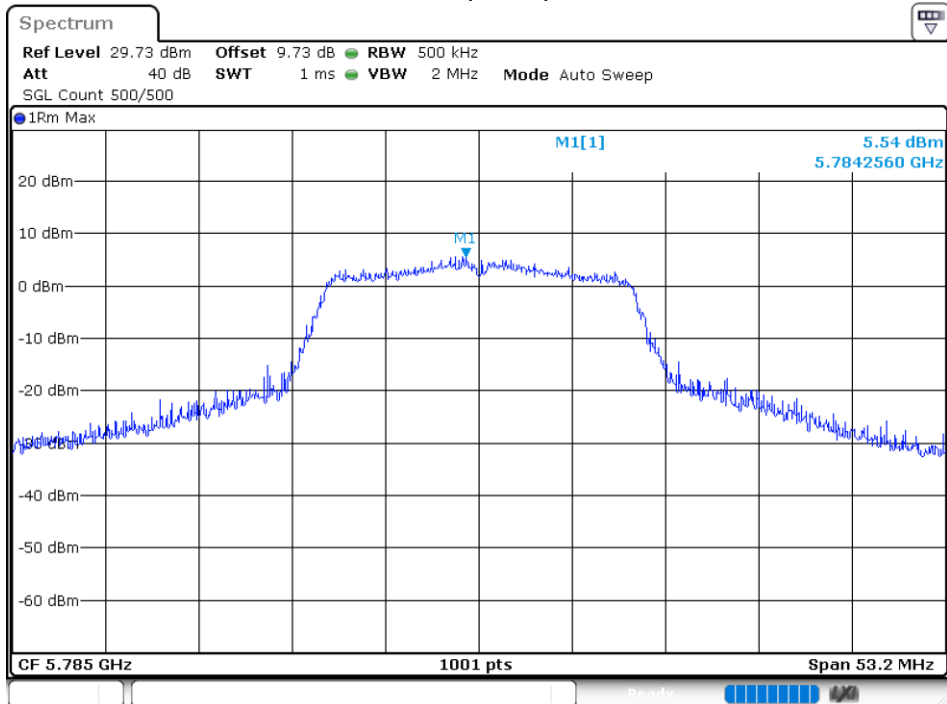
PSD NVNT 802.11ac80 5775MHz Ant1



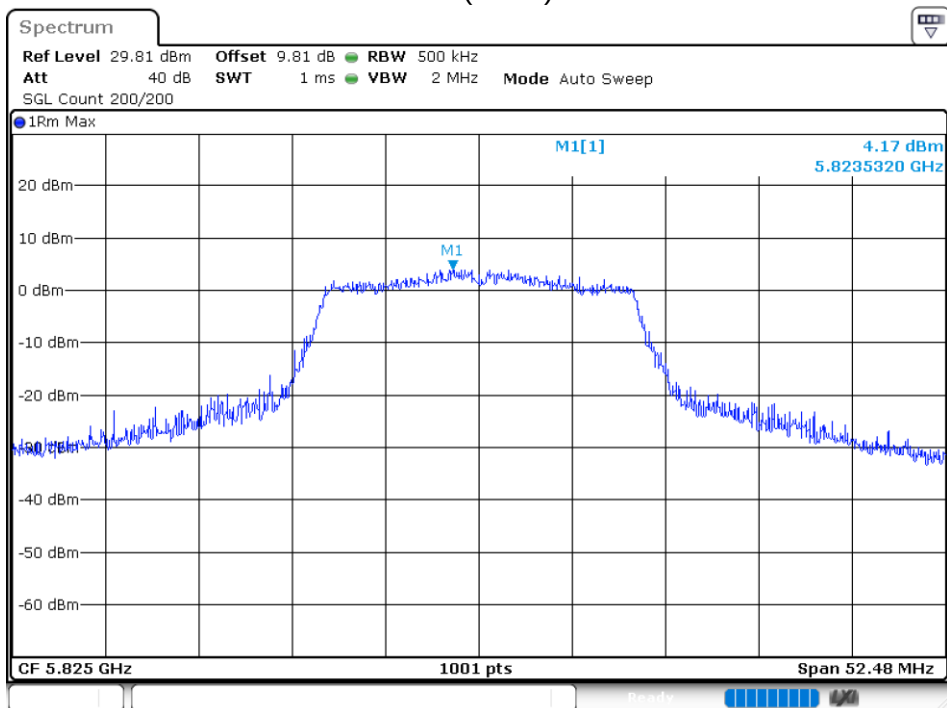
PSD NVNT 802.11n(HT20) 5745MHz Ant1



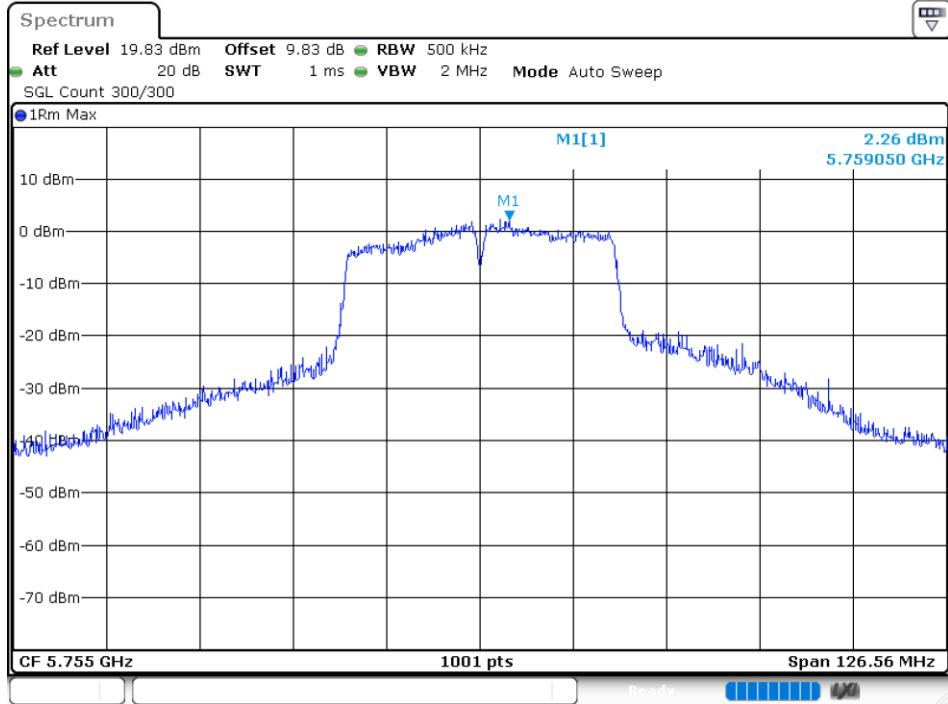
PSD NVNT 802.11n(HT20) 5785MHz Ant1



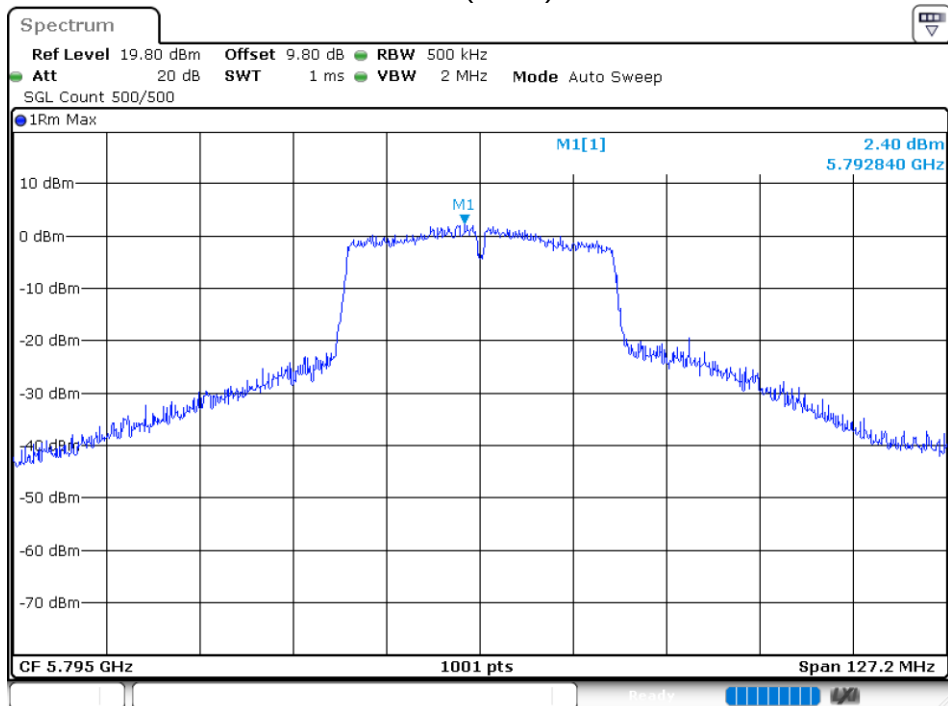
PSD NVNT 802.11n(HT20) 5825MHz Ant1



PSD NVNT 802.11n(HT40) 5755MHz Ant1



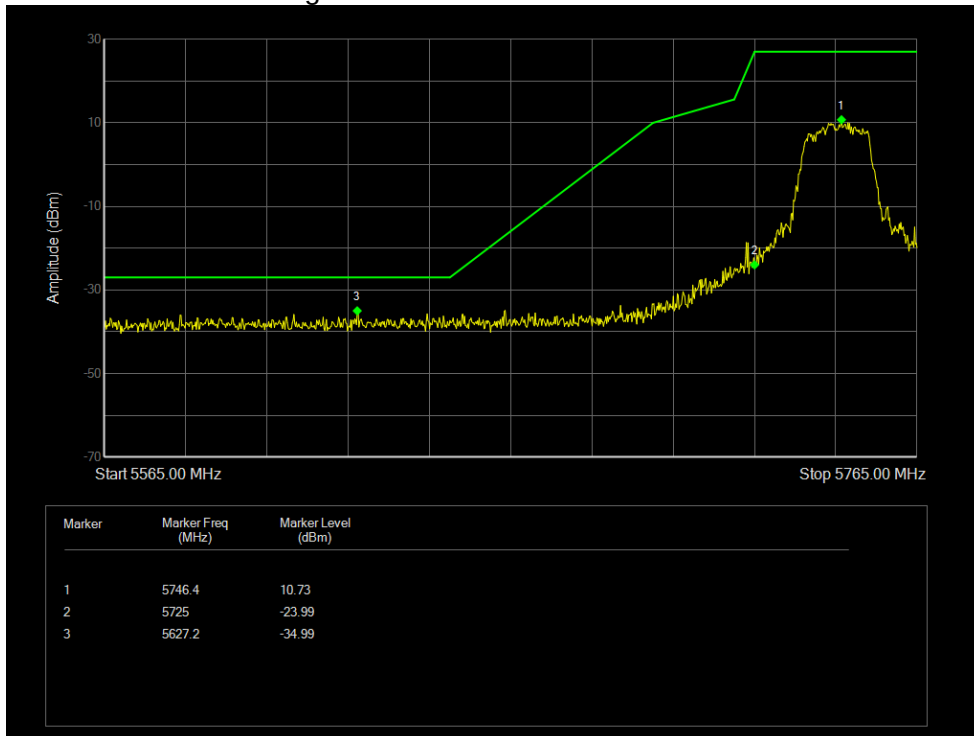
PSD NVNT 802.11n(HT40) 5795MHz Ant1



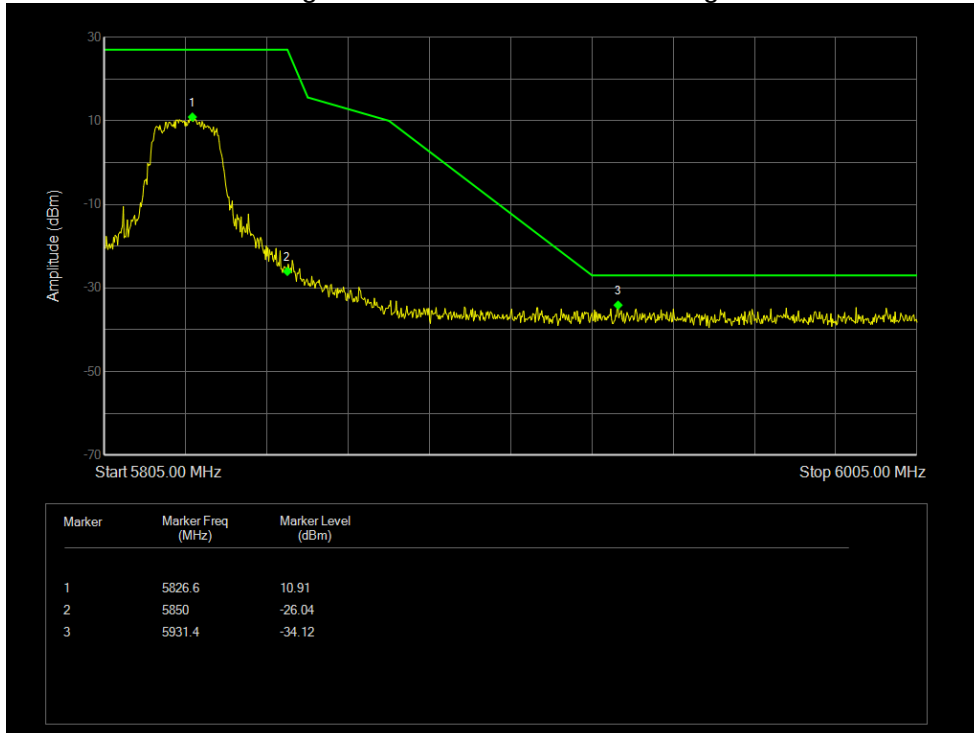
5.6 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-34.99	-27	Pass
NVNT	802.11a	5825	Ant 1	-34.12	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-34.77	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-33.76	-26.26	Pass
NVNT	802.11ac40	5755	Ant 1	-35.2	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-34.33	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-33.8	-4.65	Pass
NVNT	802.11ac80	5775	Ant 1	-34.35	-23.3	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-35.29	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-35.01	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-34.96	-26.4	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-35.31	-27	Pass

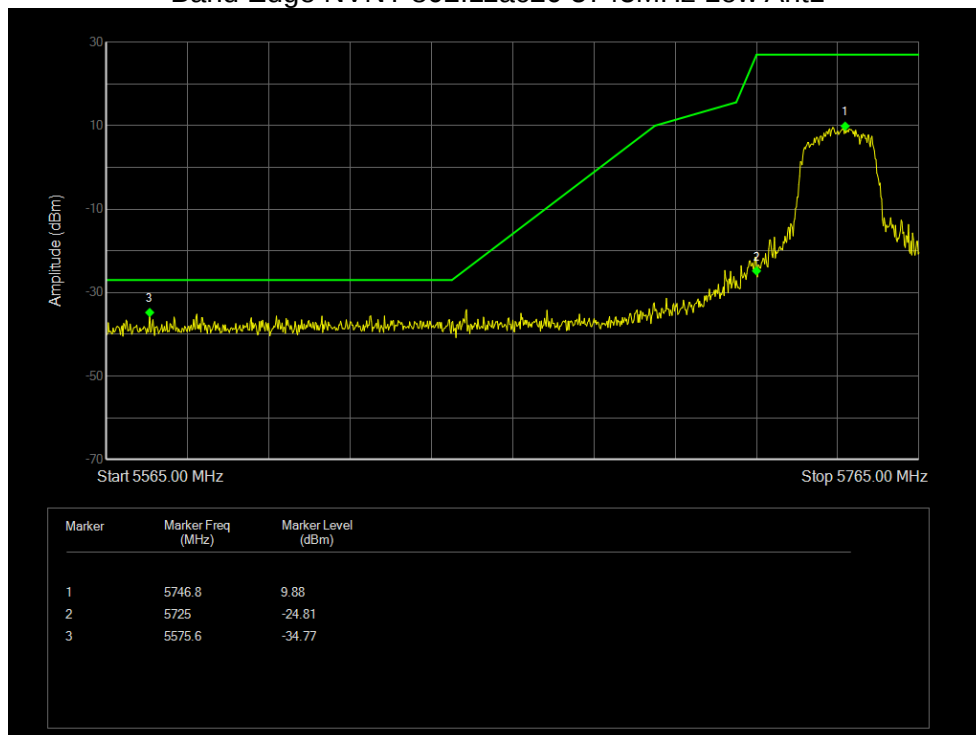
Band Edge NVNT 802.11a 5745MHz Low Ant1



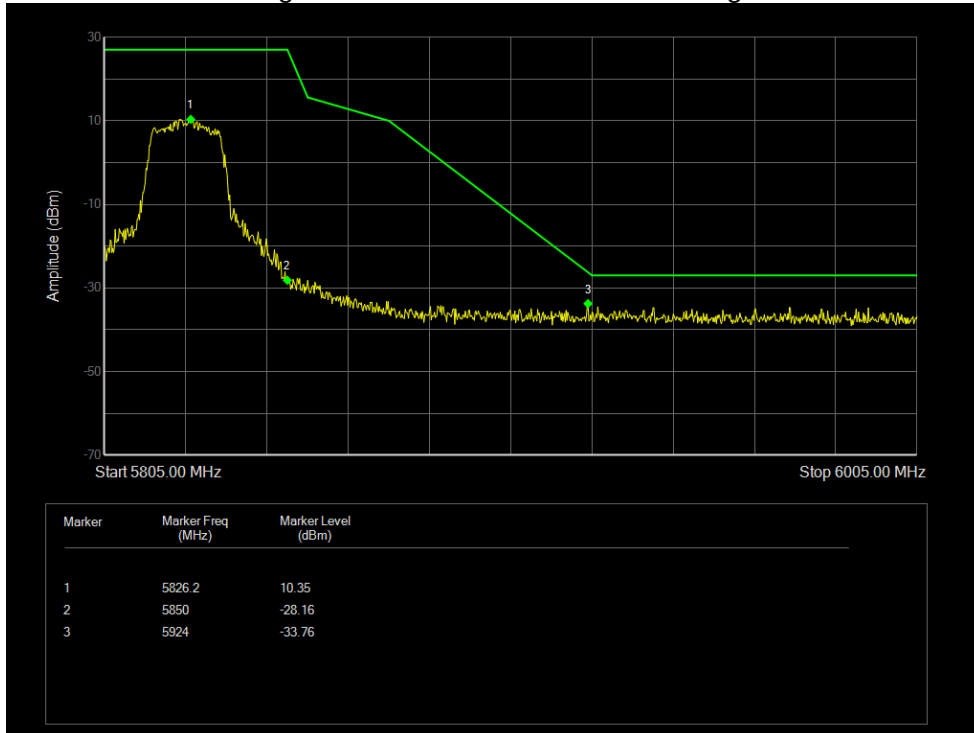
Band Edge NVNT 802.11a 5825MHz High Ant1



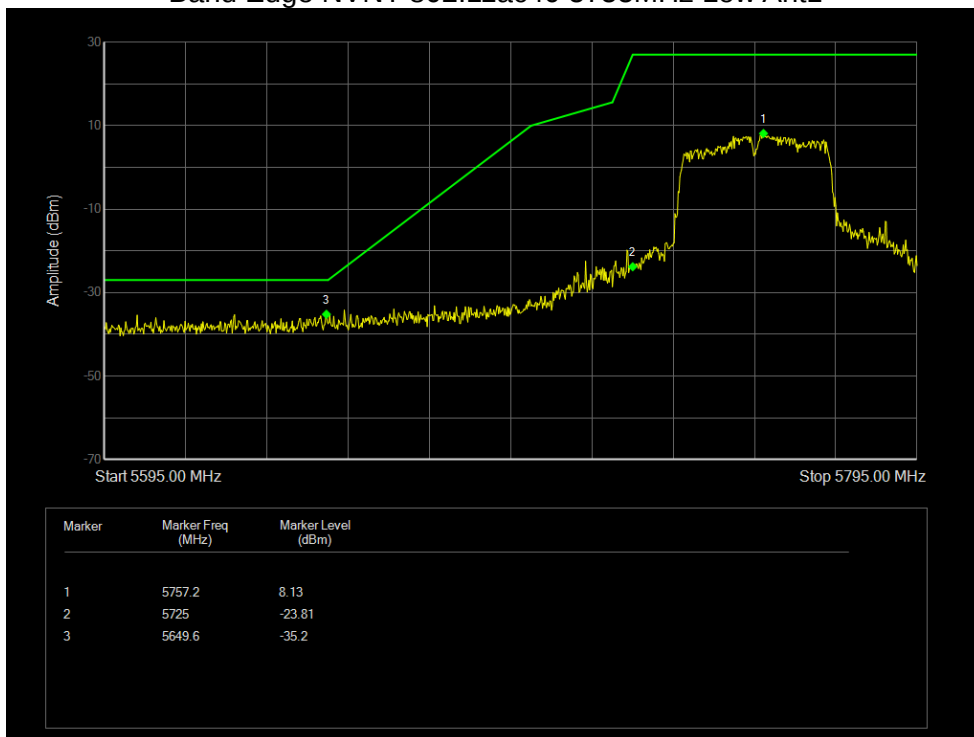
Band Edge NVNT 802.11ac20 5745MHz Low Ant1



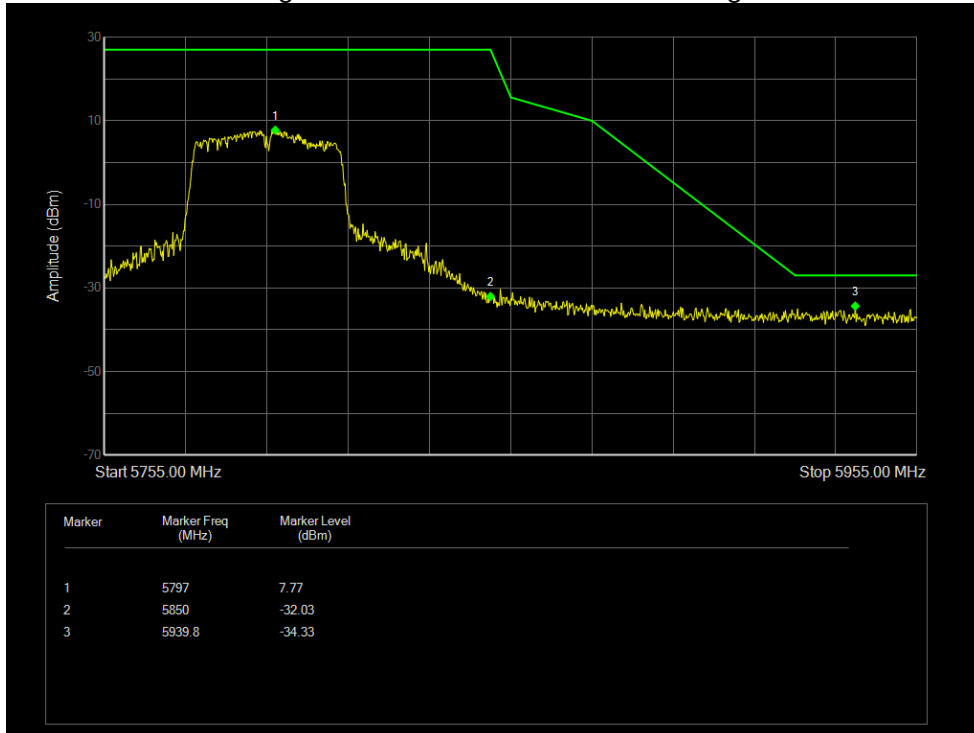
Band Edge NVNT 802.11ac20 5825MHz High Ant1



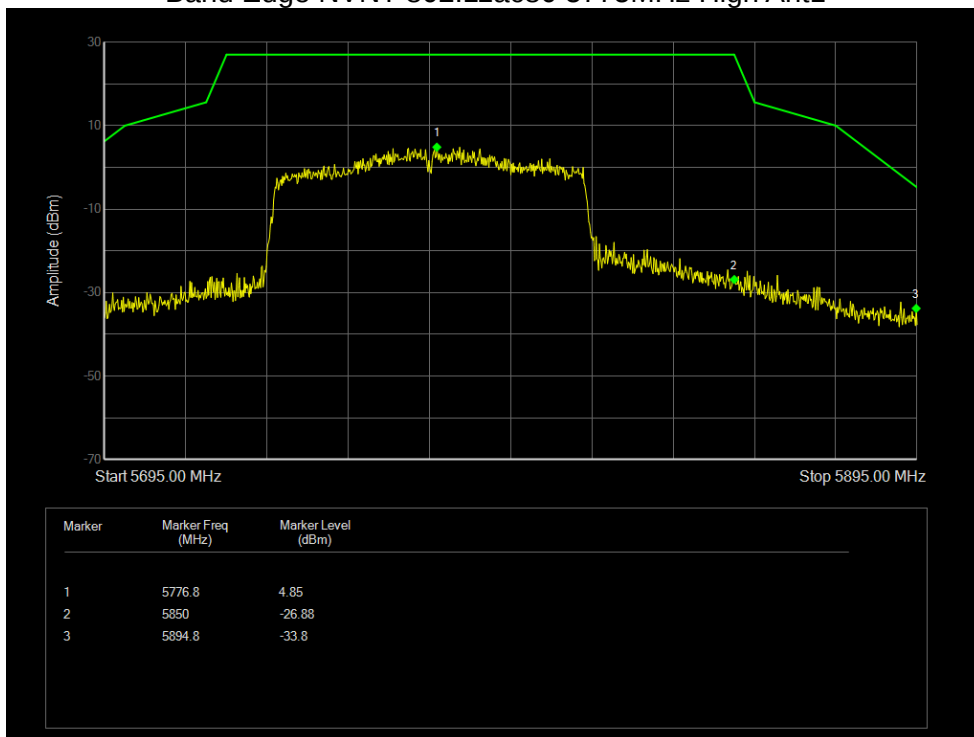
Band Edge NVNT 802.11ac40 5755MHz Low Ant1



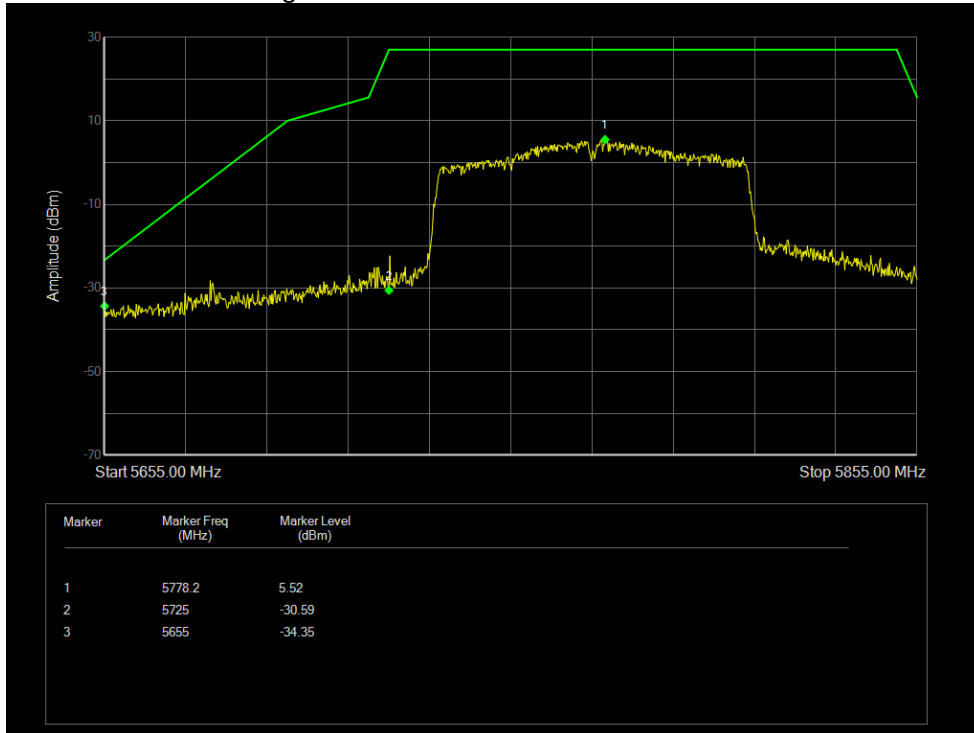
Band Edge NVNT 802.11ac40 5795MHz High Ant1



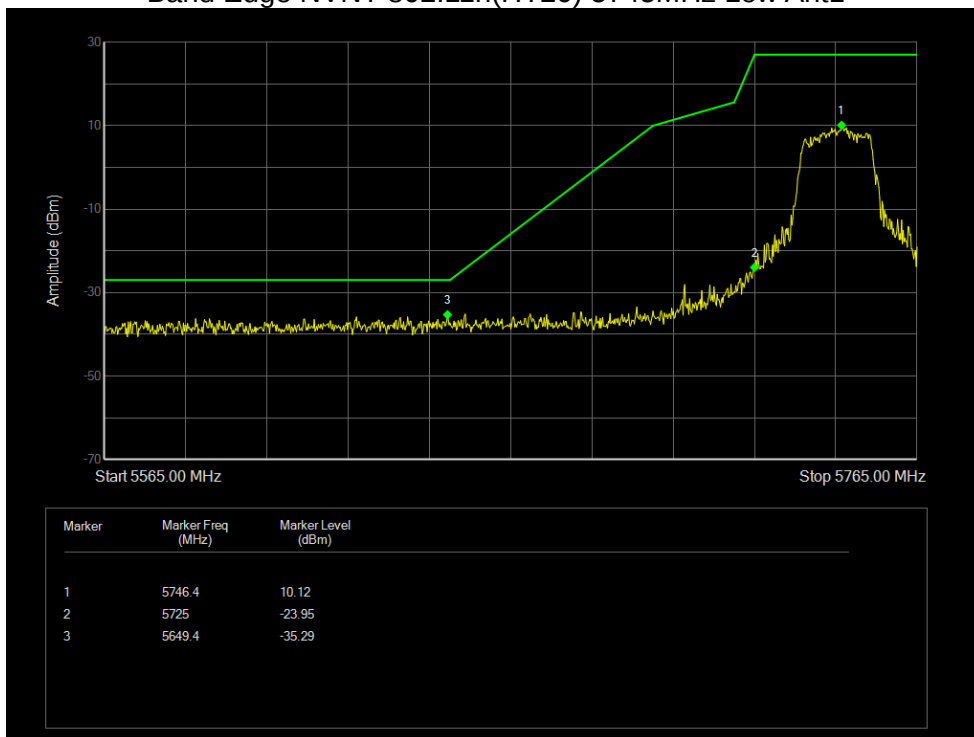
Band Edge NVNT 802.11ac80 5775MHz High Ant1



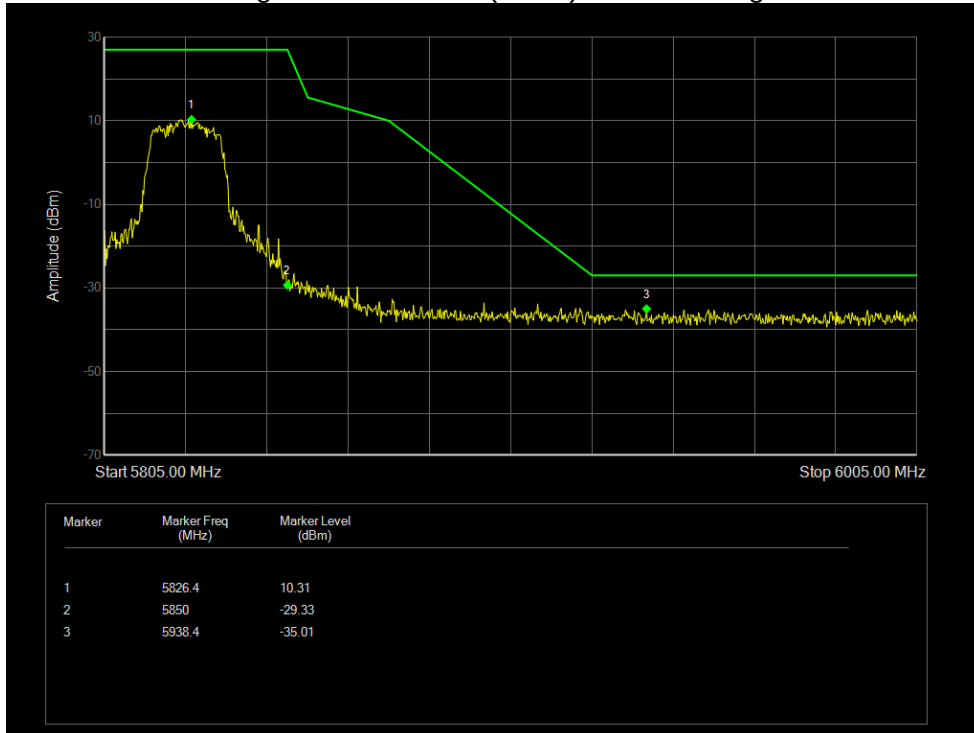
Band Edge NVNT 802.11ac80 5775MHz Low Ant1



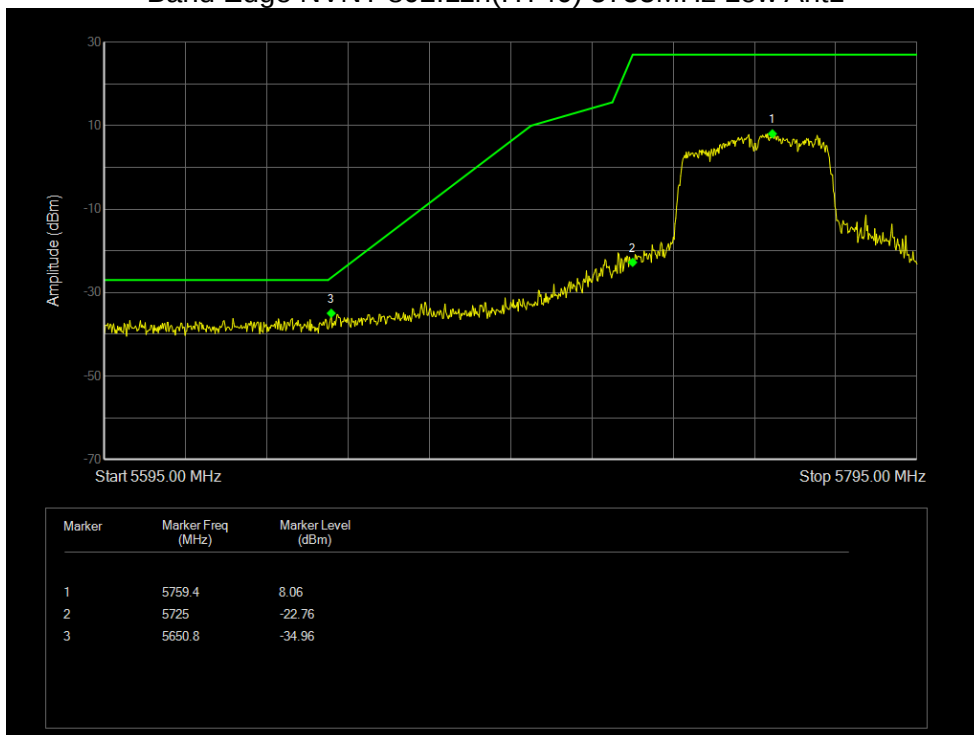
Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant1



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



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



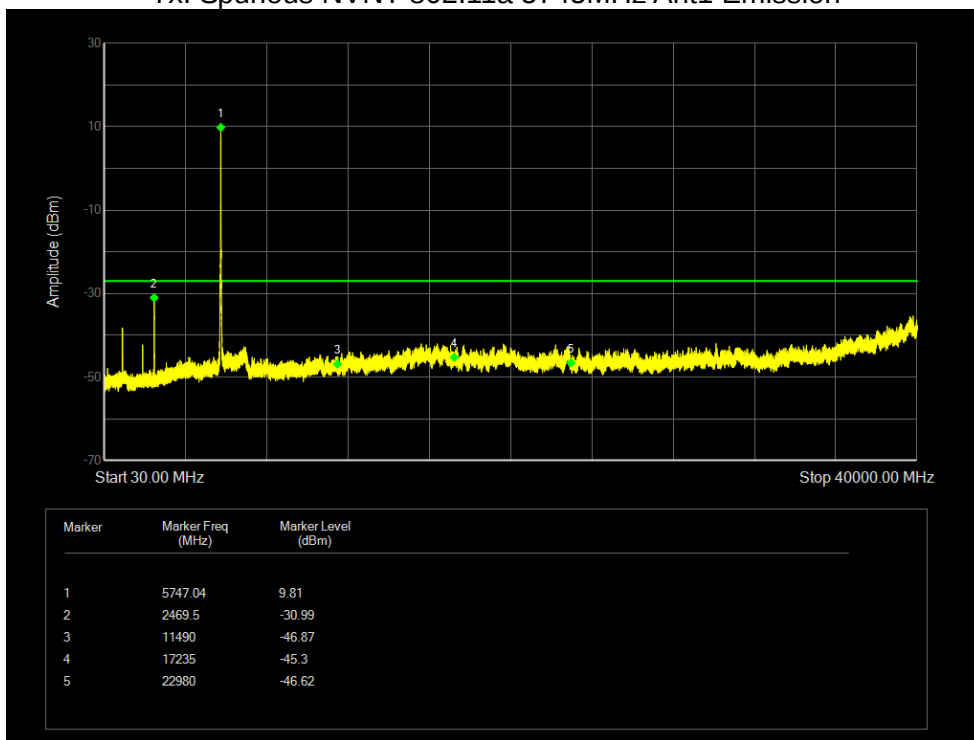
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant1



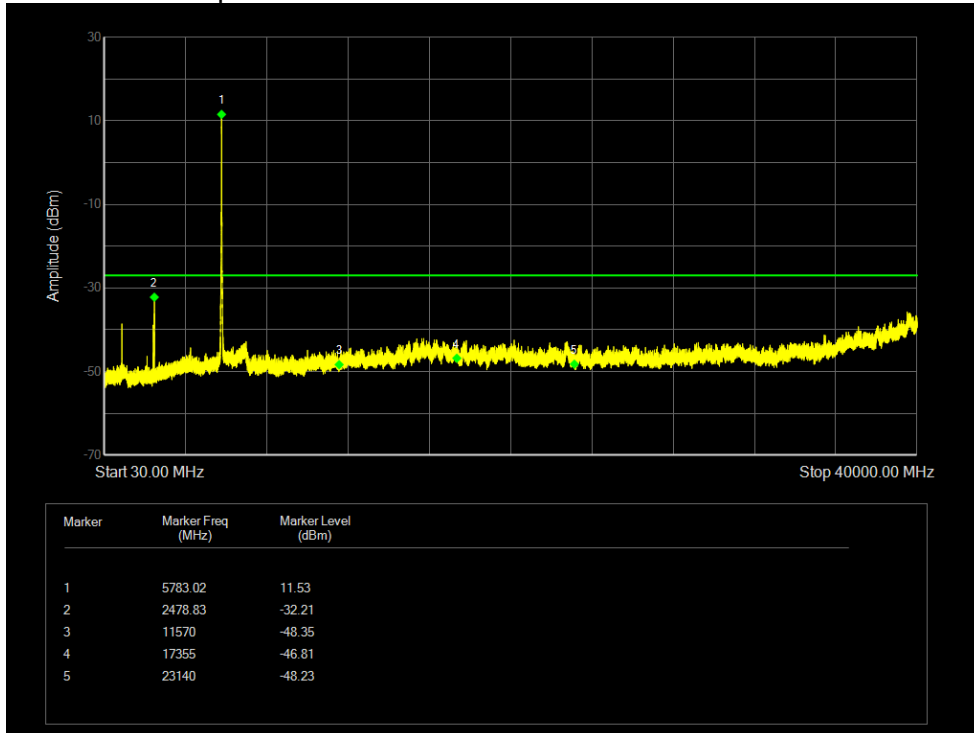
5.7 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5745	Ant 1	-30.99	-27	Pass
NVNT	802.11a	5785	Ant 1	-32.21	-27	Pass
NVNT	802.11a	5825	Ant 1	-30.37	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-27.98	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-30.5	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-32.68	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-34.76	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-35.4	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-27.26	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-33.23	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-34.43	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-32.39	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-30.37	-27	Pass

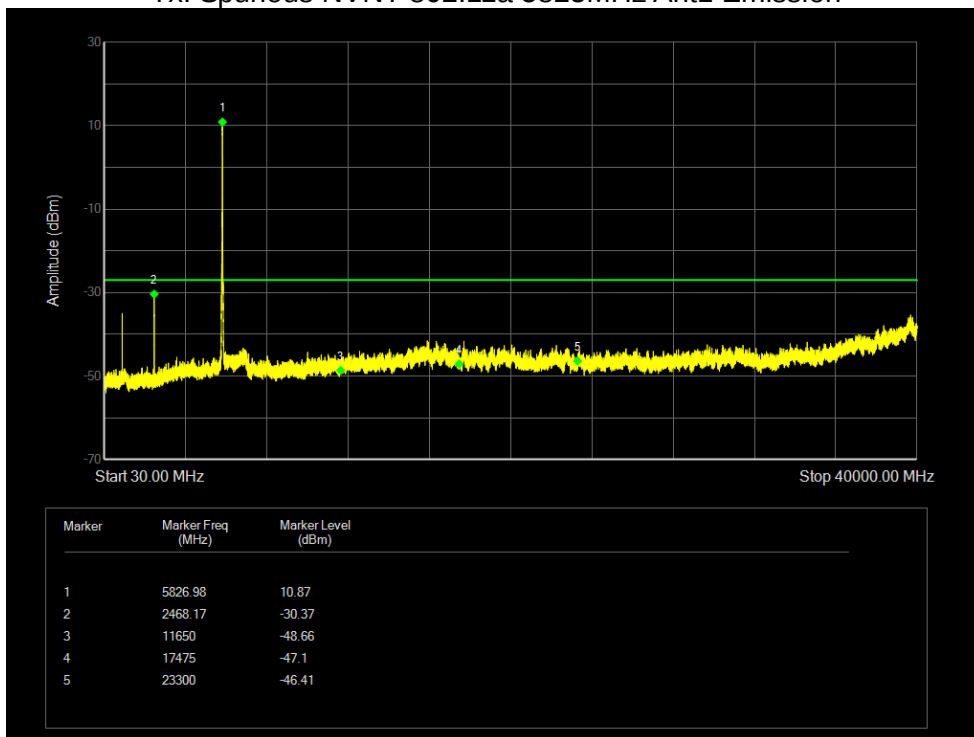
Tx. Spurious NVNT 802.11a 5745MHz Ant1 Emission



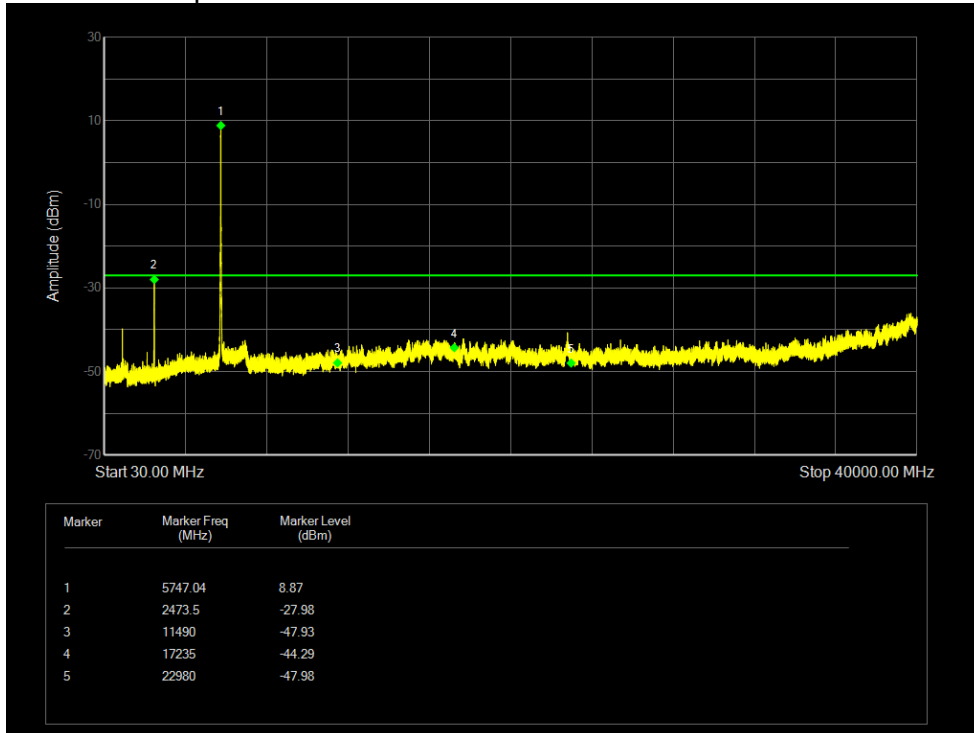
Tx. Spurious NVNT 802.11a 5785MHz Ant1 Emission



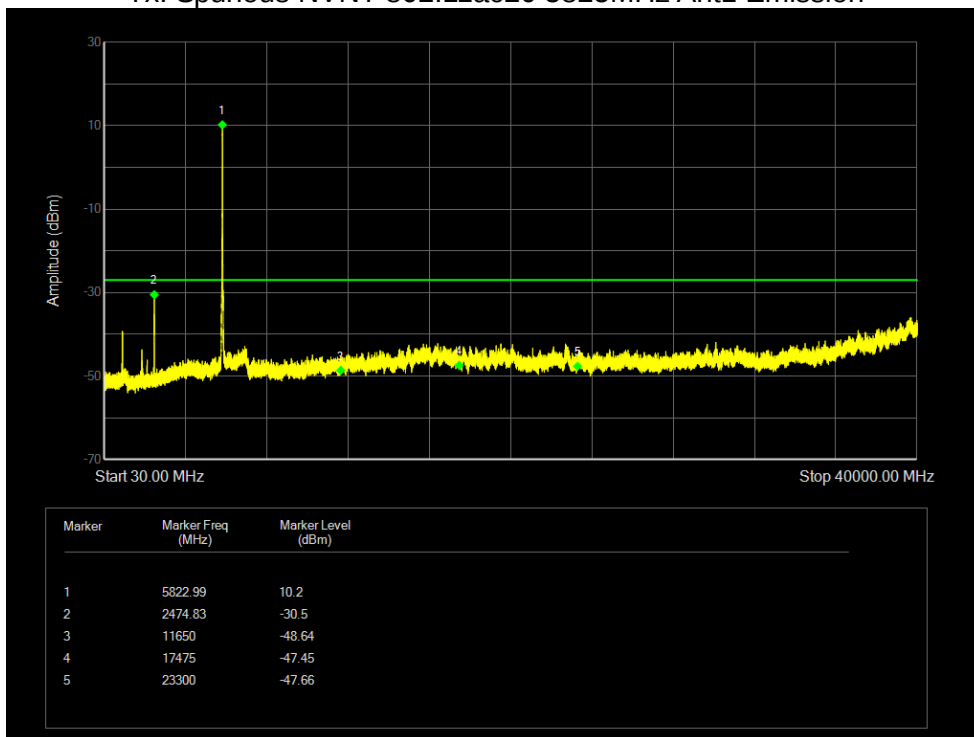
Tx. Spurious NVNT 802.11a 5825MHz Ant1 Emission



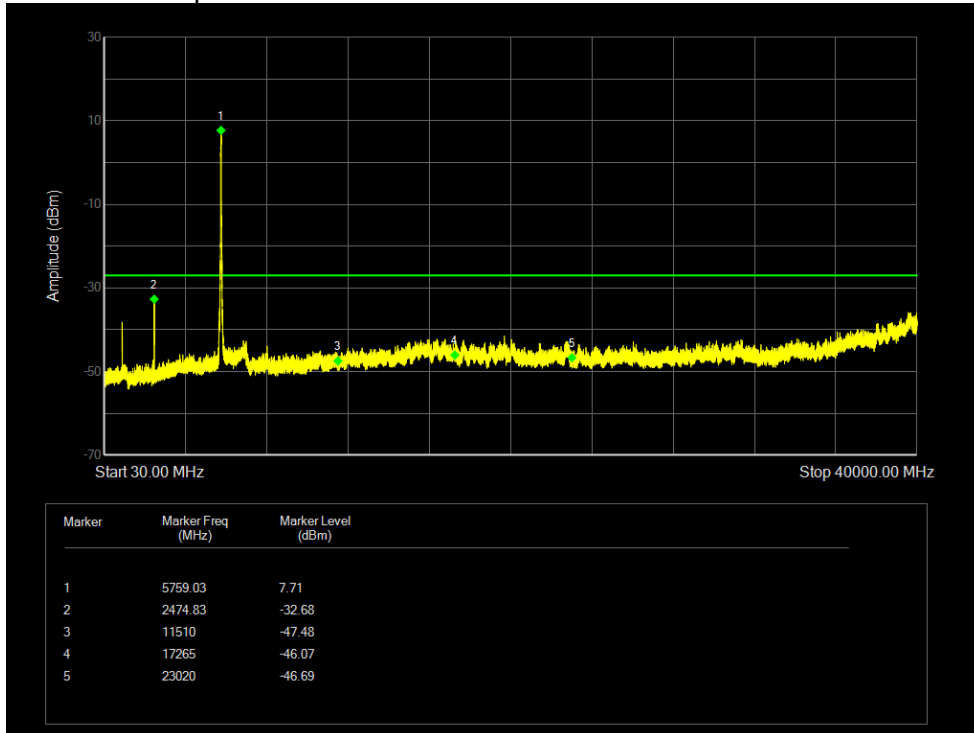
Tx. Spurious NVNT 802.11ac20 5745MHz Ant1 Emission



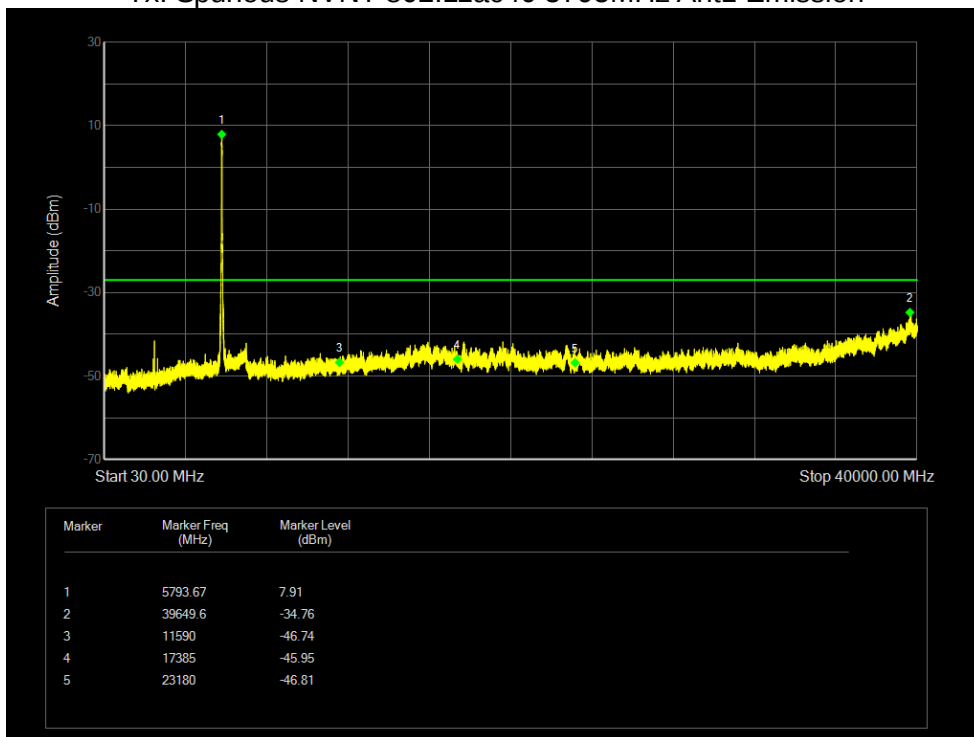
Tx. Spurious NVNT 802.11ac20 5825MHz Ant1 Emission



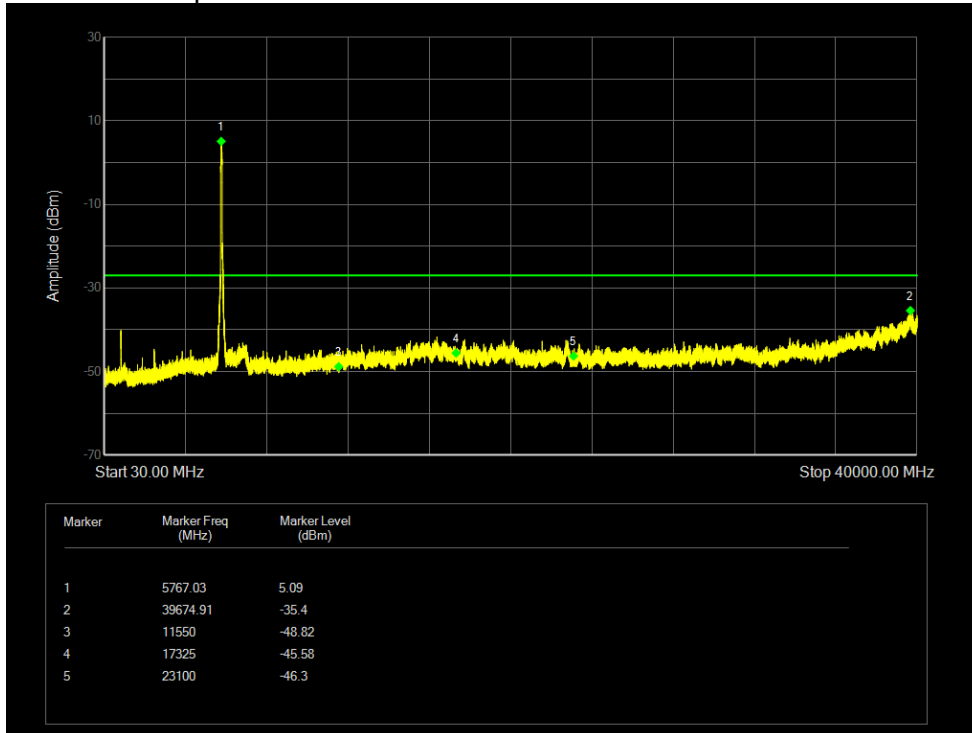
Tx. Spurious NVNT 802.11ac40 5755MHz Ant1 Emission



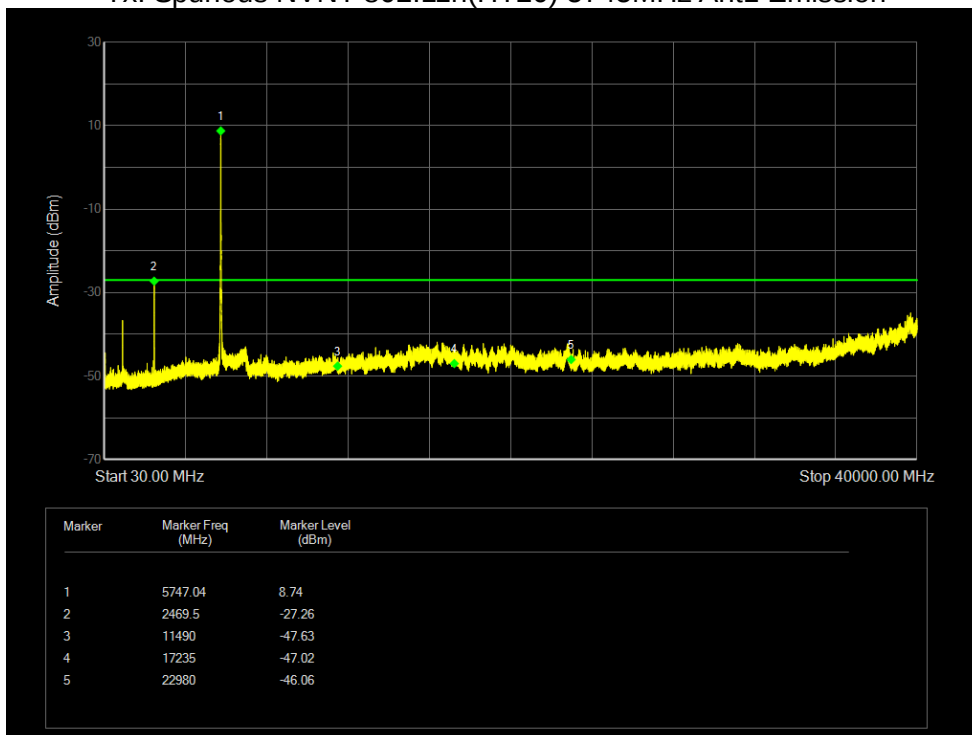
Tx. Spurious NVNT 802.11ac40 5795MHz Ant1 Emission



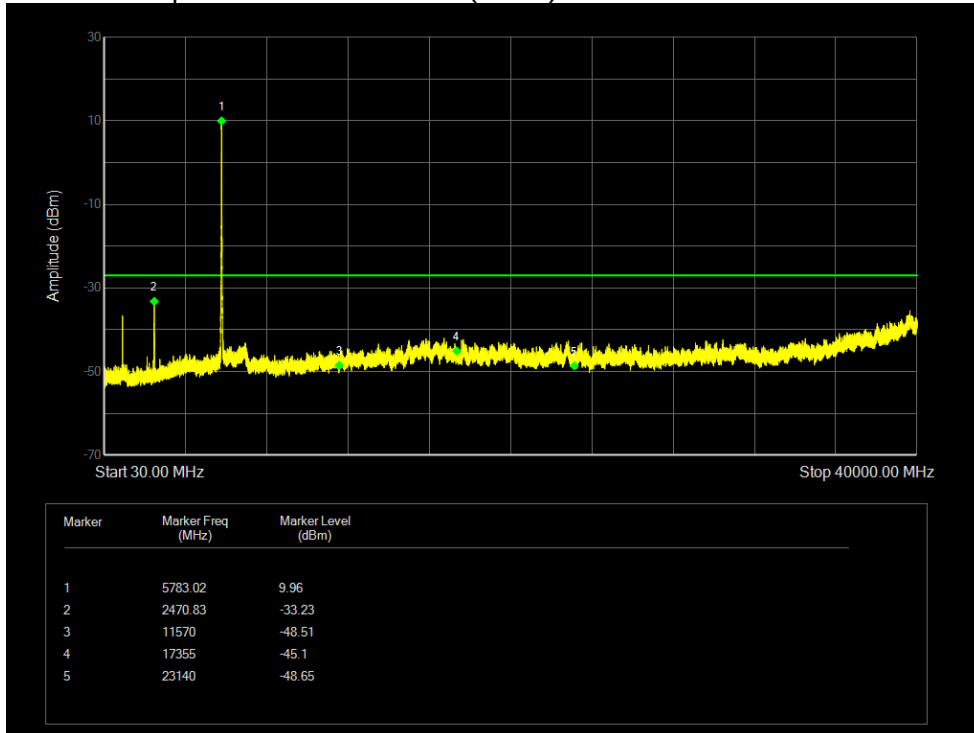
Tx. Spurious NVNT 802.11ac80 5775MHz Ant1 Emission



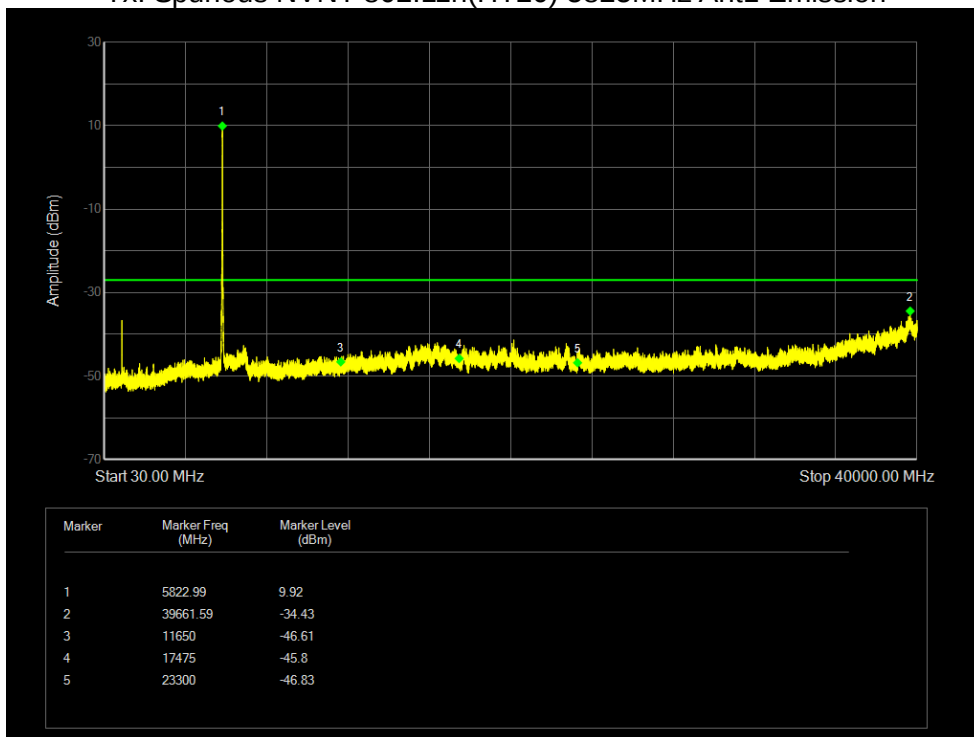
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant1 Emission



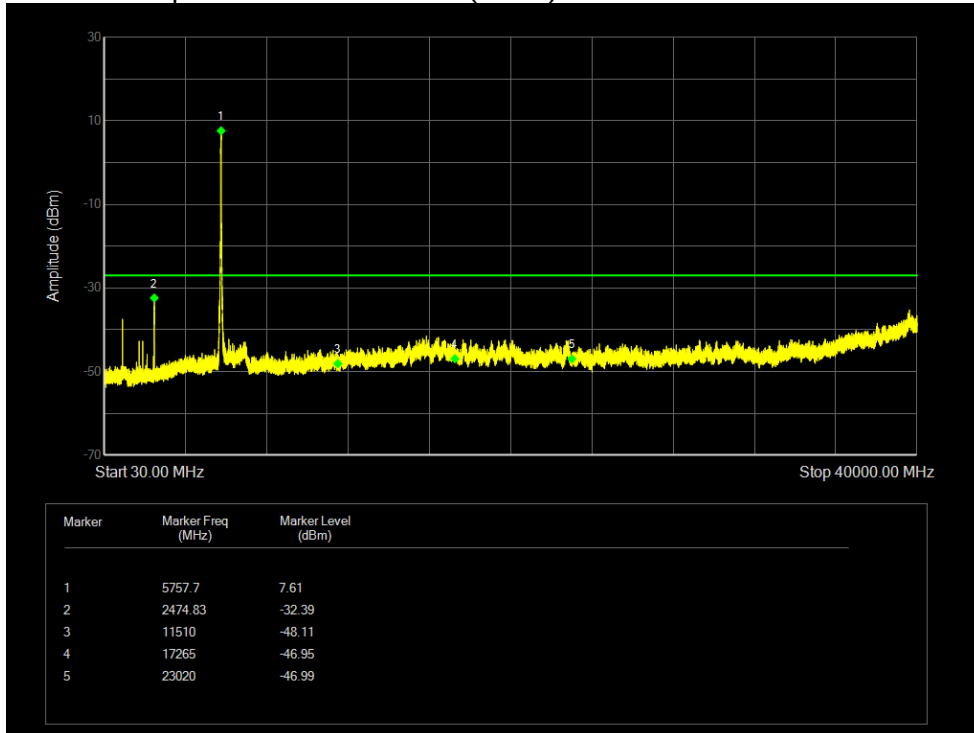
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant1 Emission



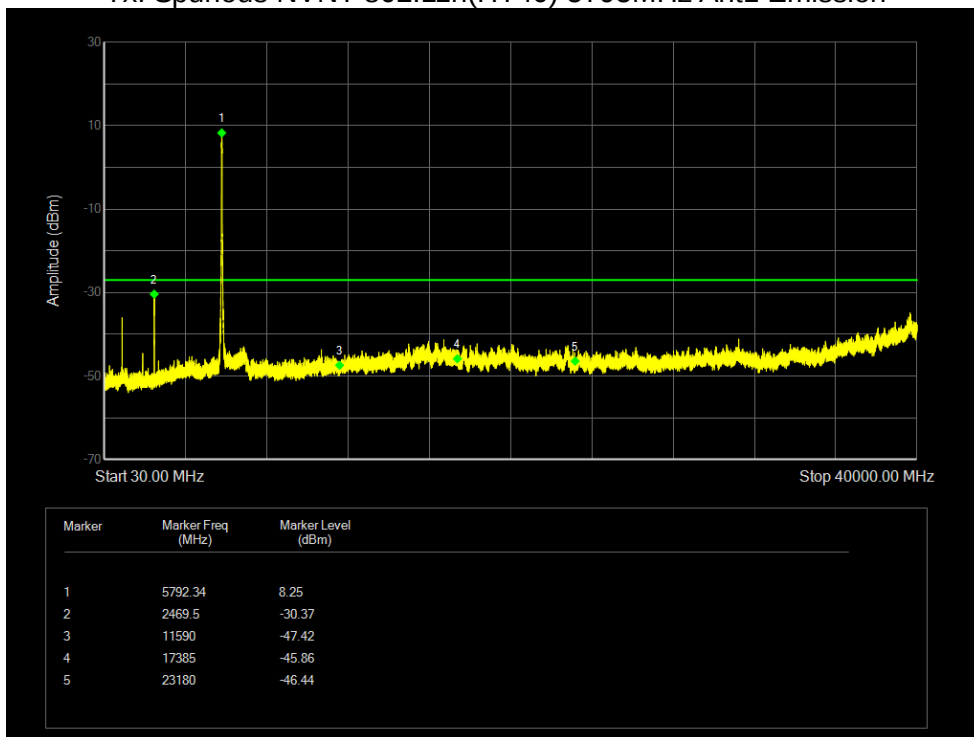
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant1 Emission



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



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



END OF REPORT