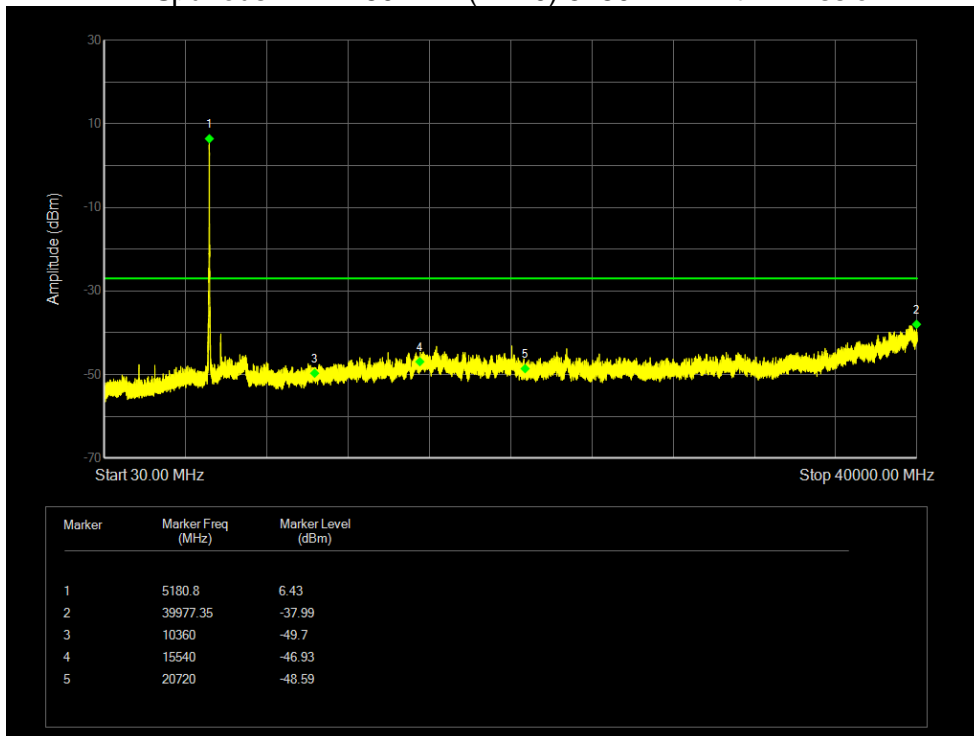
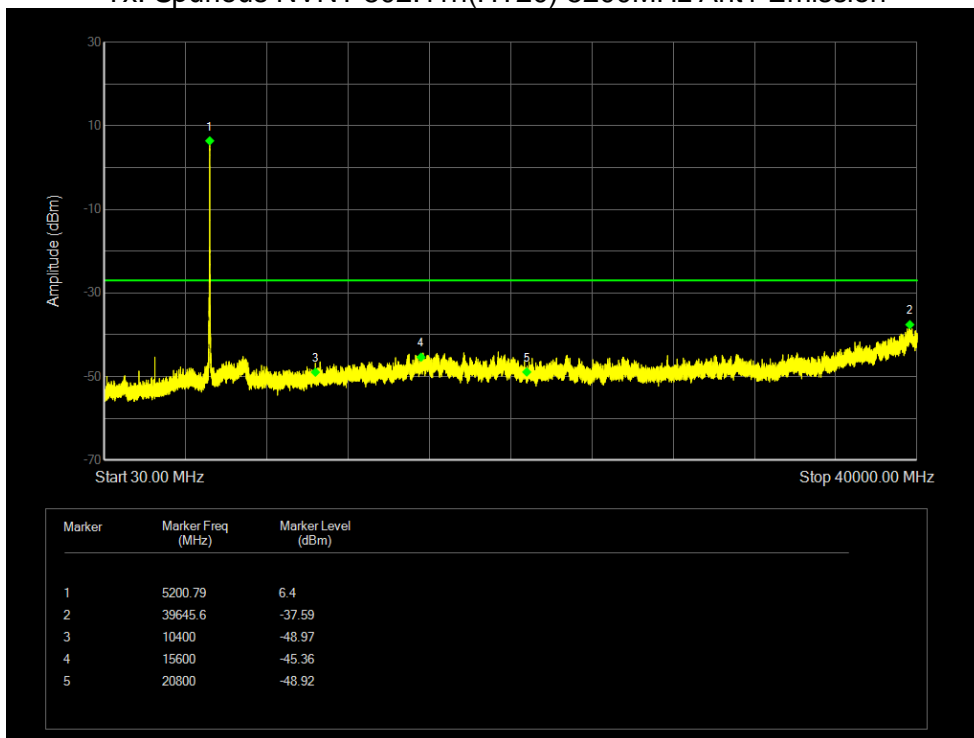


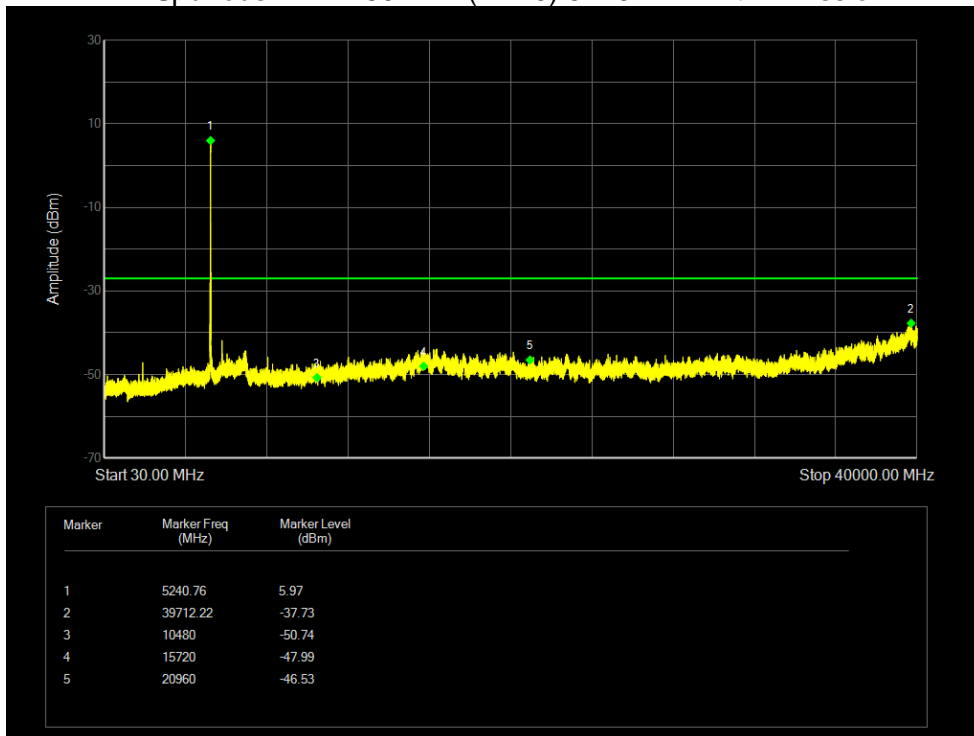
Tx. Spurious NVNT 802.11n(HT20) 5180MHz Ant1 Emission



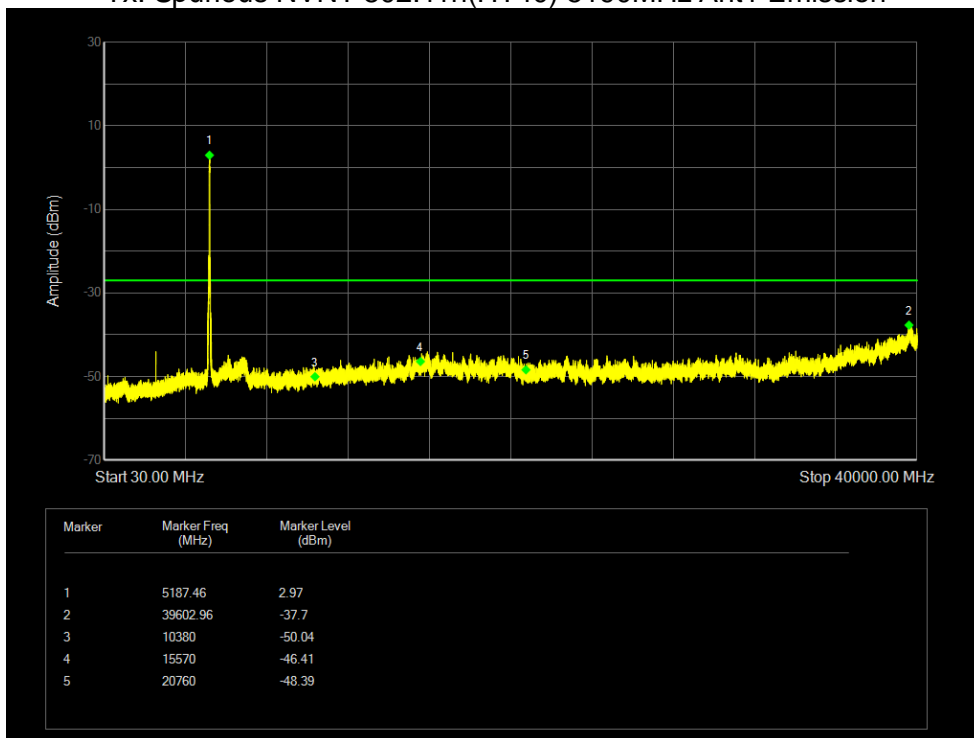
Tx. Spurious NVNT 802.11n(HT20) 5200MHz Ant1 Emission



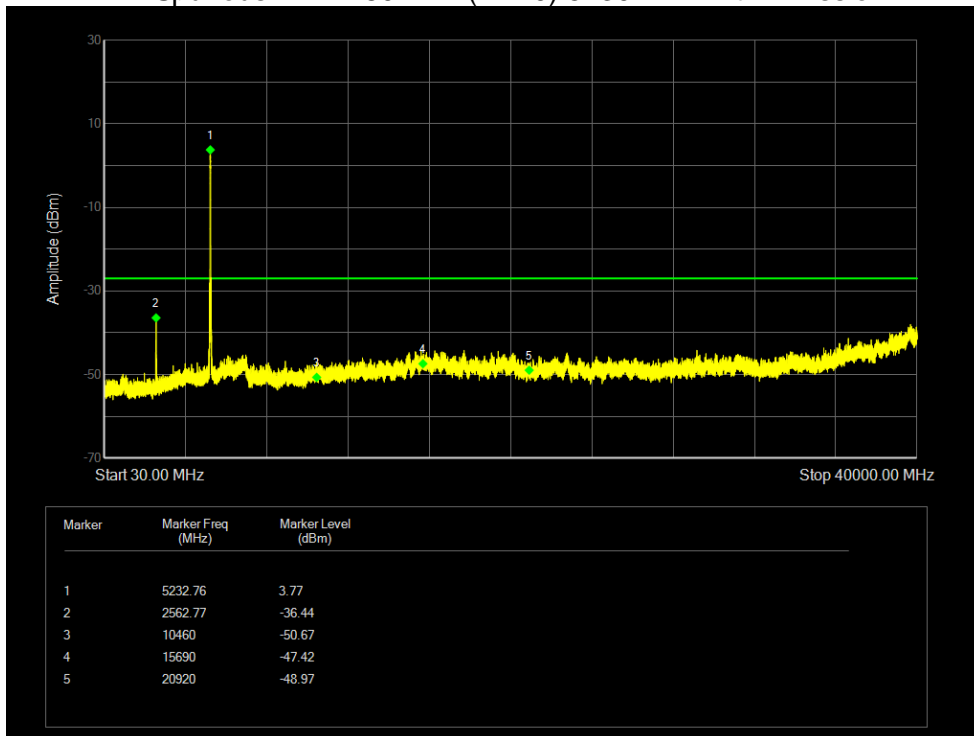
Tx. Spurious NVNT 802.11n(HT20) 5240MHz Ant1 Emission



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



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

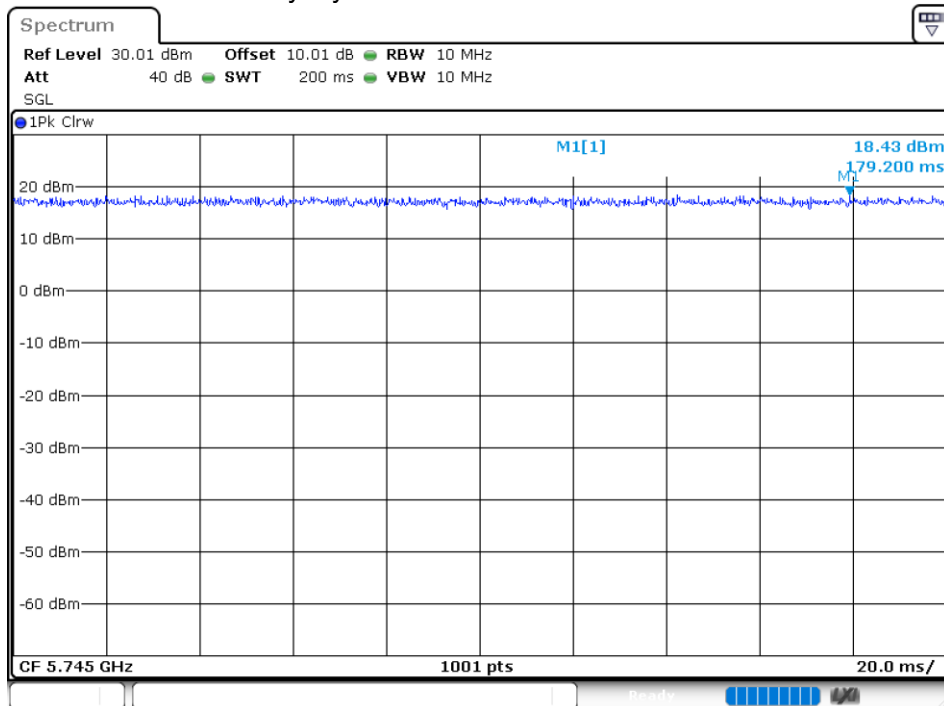


## 5.8WIFI

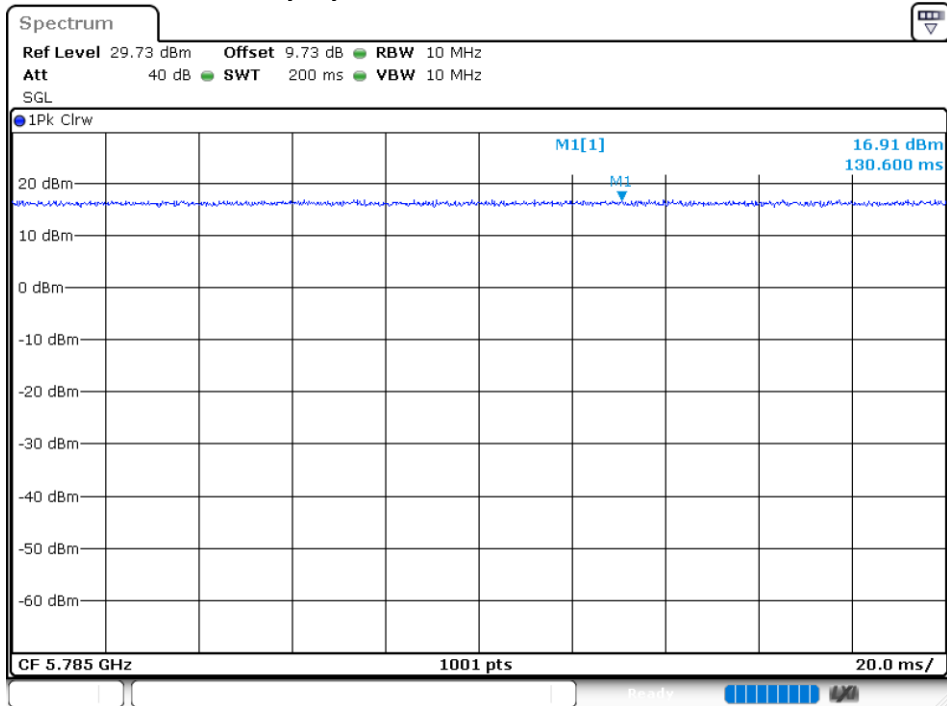
### 5.1 DUTY CYCLE

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
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	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

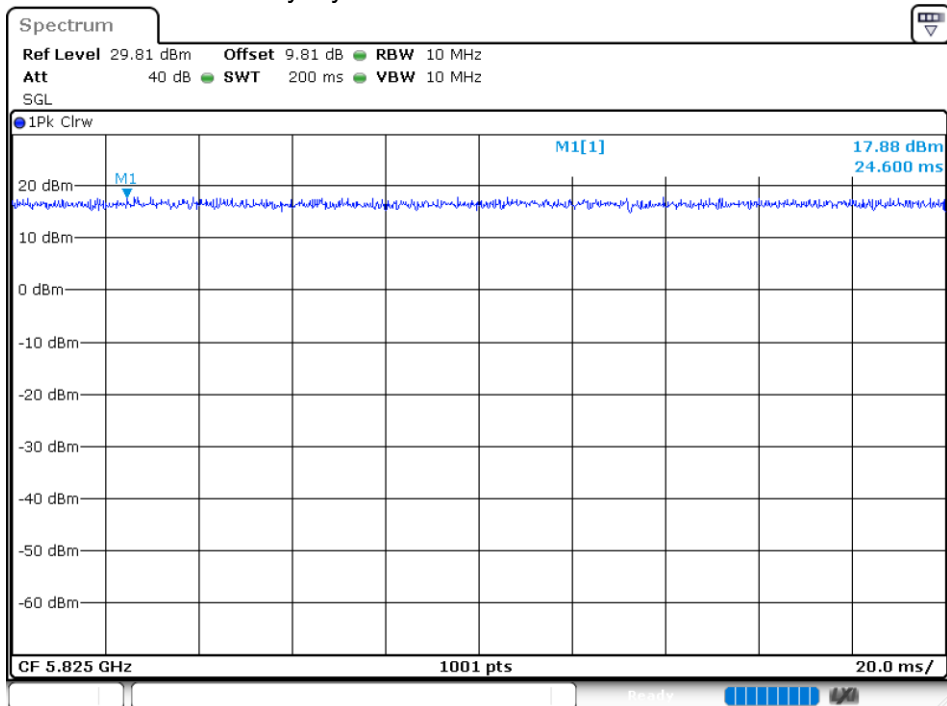
Duty Cycle NVNT 802.11a 5745MHz



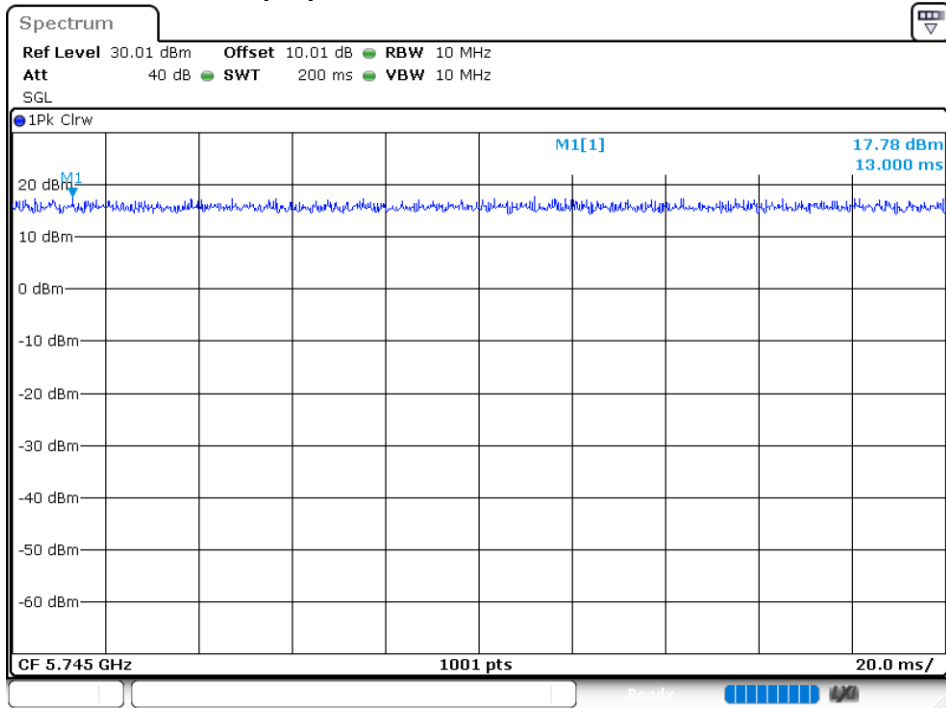
### Duty Cycle NVNT 802.11a 5785MHz



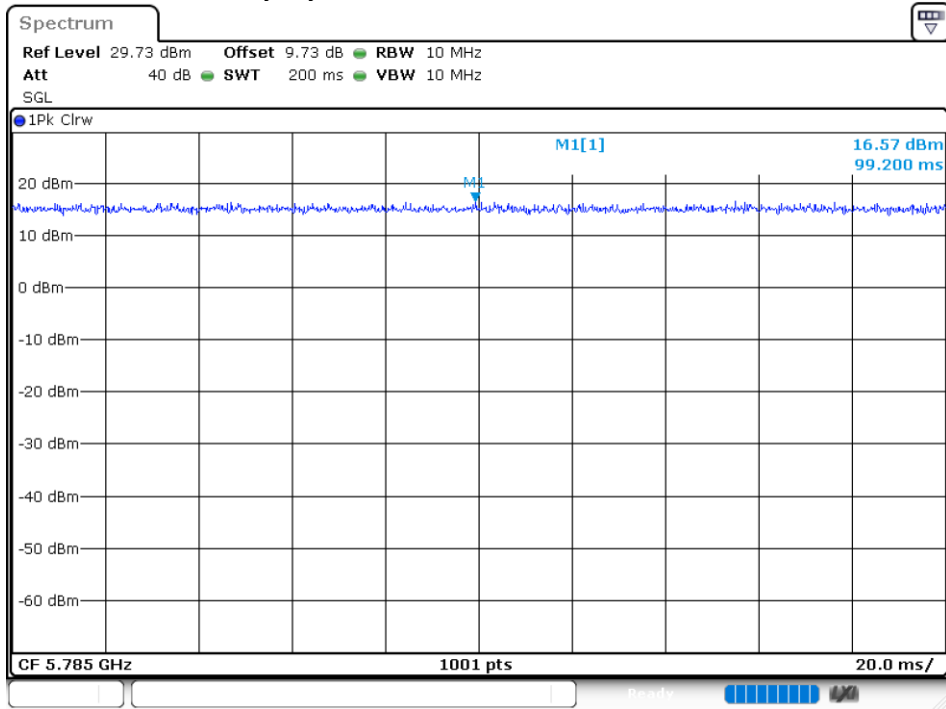
### Duty Cycle NVNT 802.11a 5825MHz



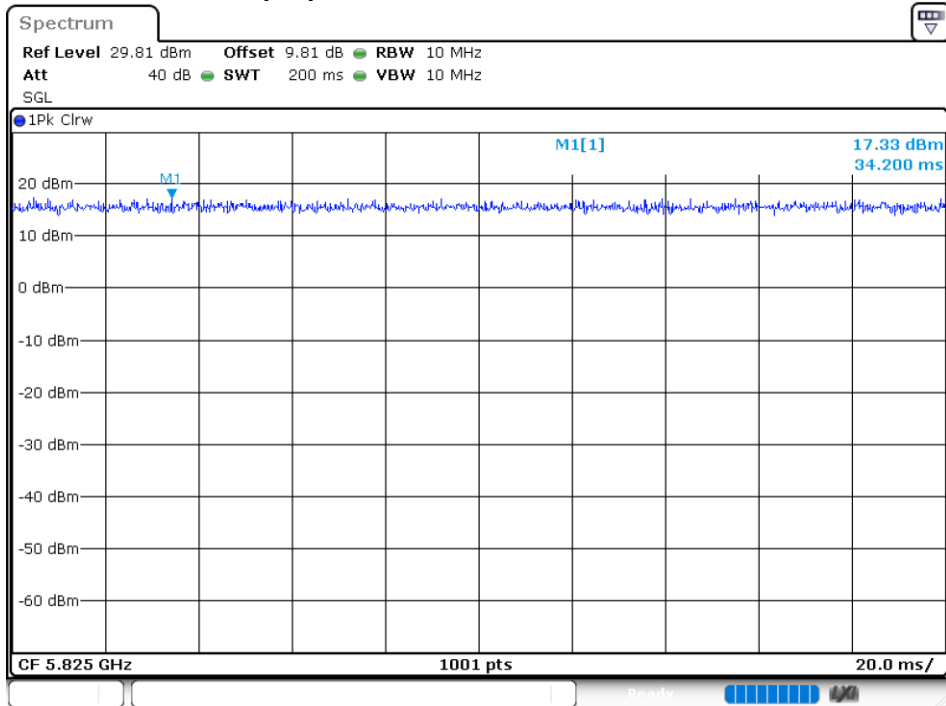
### Duty Cycle NVNT 802.11ac20 5745MHz



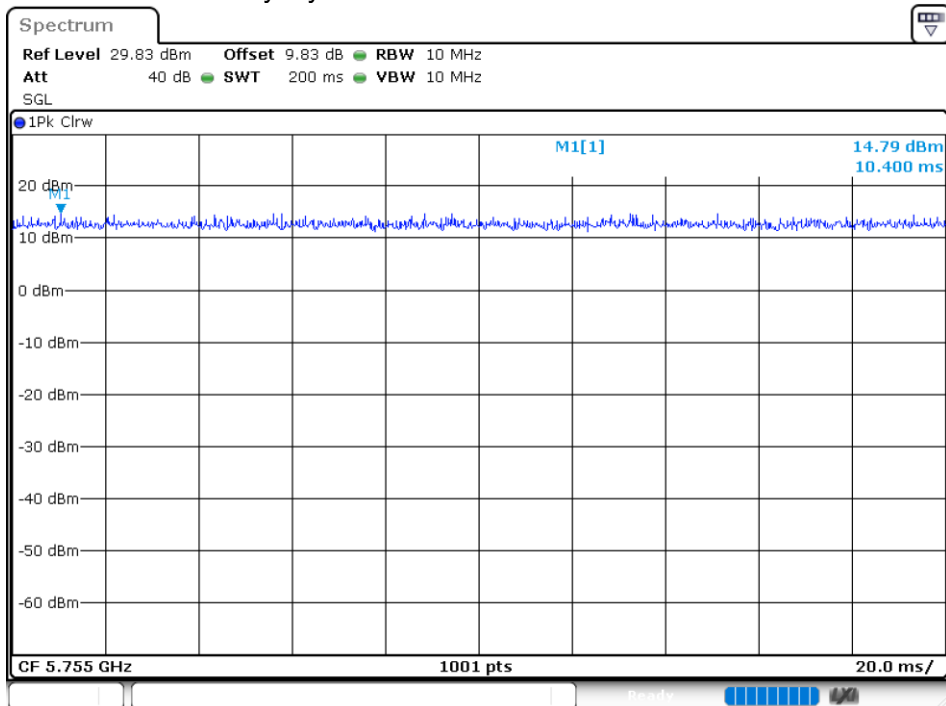
### Duty Cycle NVNT 802.11ac20 5785MHz



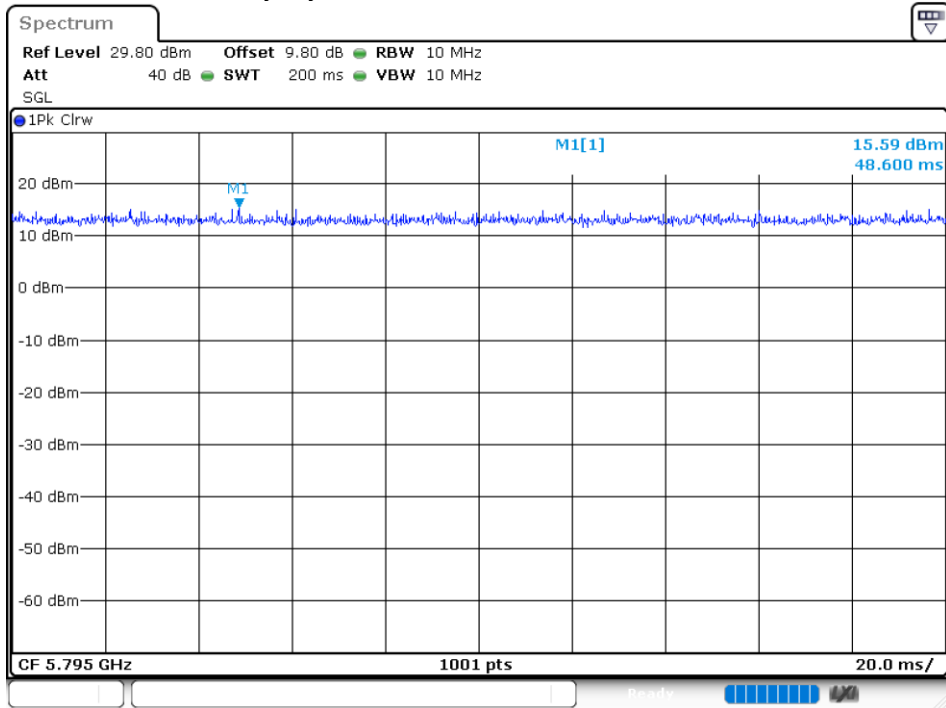
### Duty Cycle NVNT 802.11ac20 5825MHz



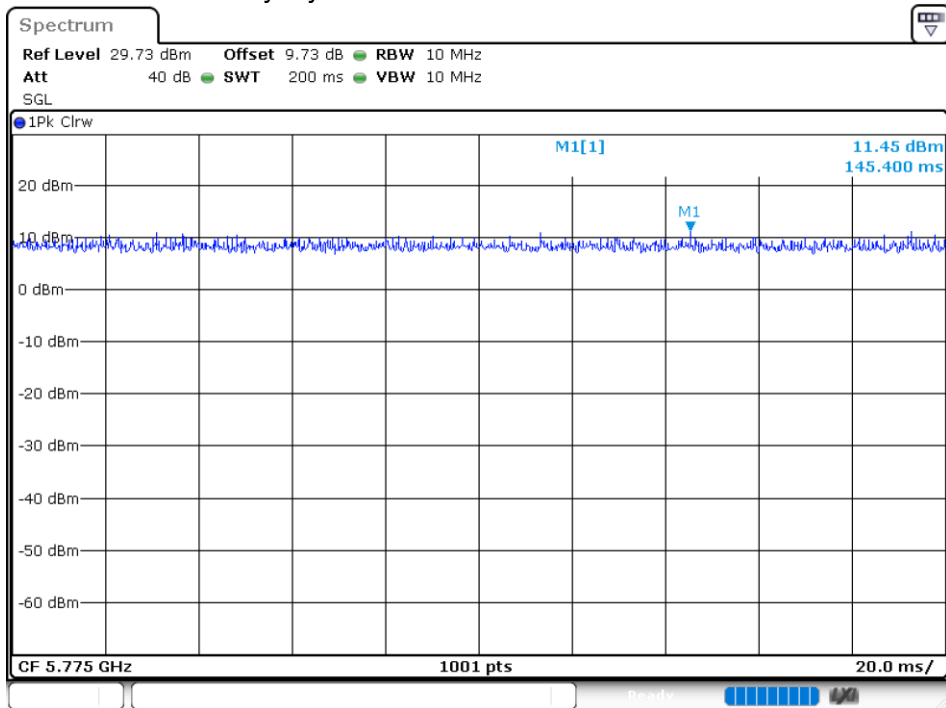
### Duty Cycle NVNT 802.11ac40 5755MHz



### Duty Cycle NVNT 802.11ac40 5795MHz

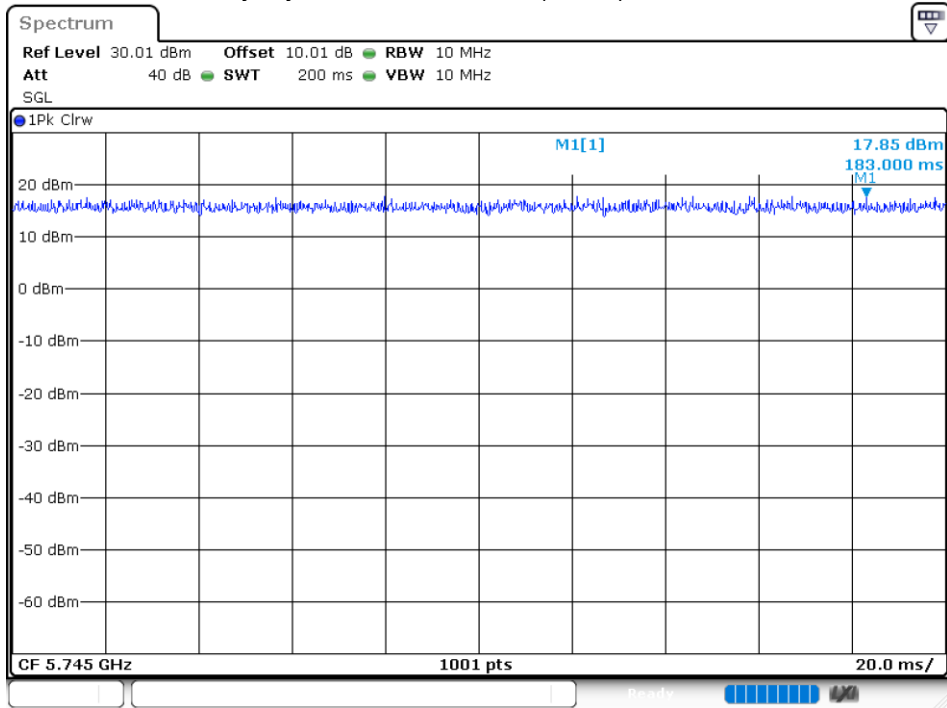


### Duty Cycle NVNT 802.11ac80 5775MHz

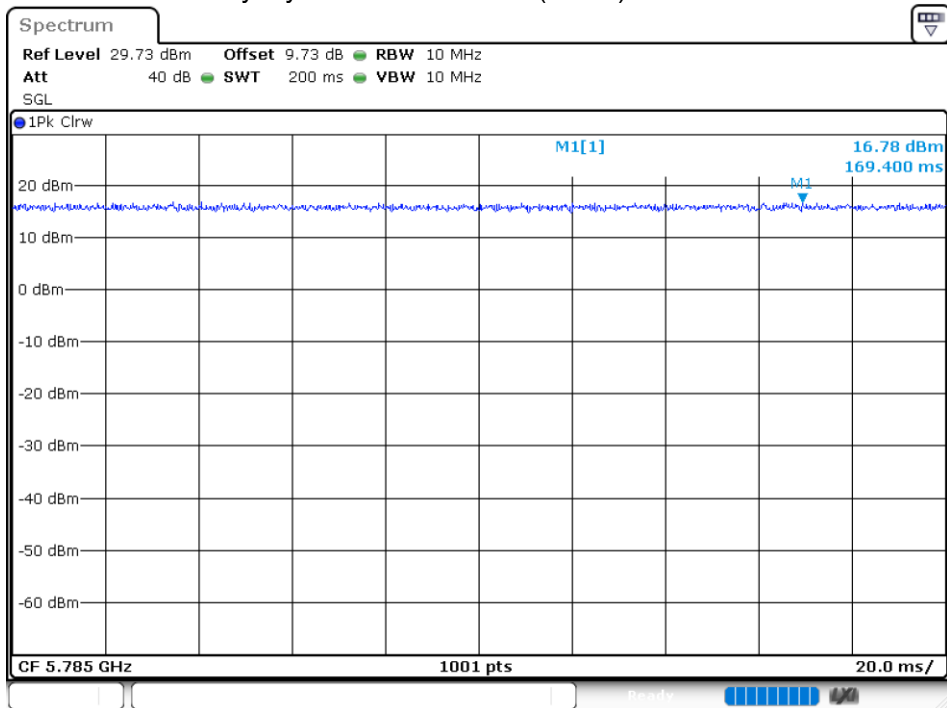




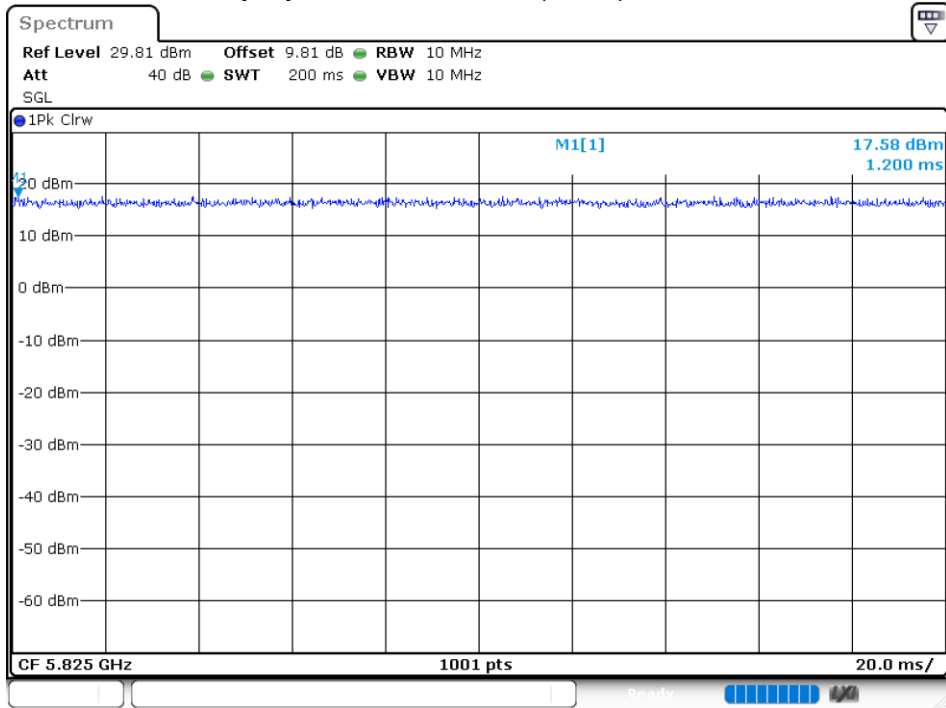
### Duty Cycle NVNT 802.11n(HT20) 5745MHz



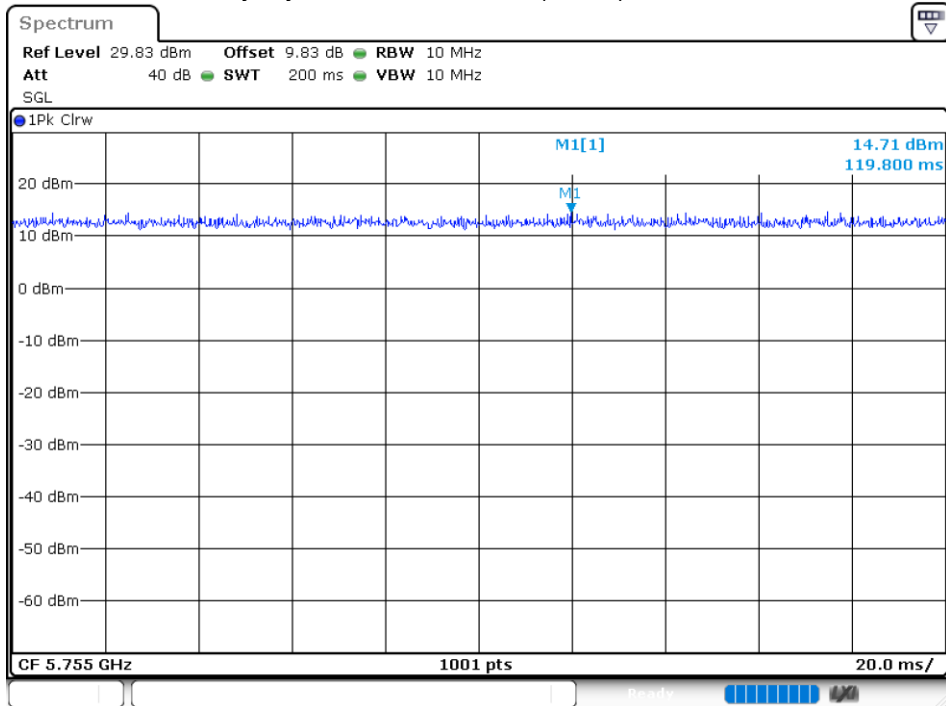
### Duty Cycle NVNT 802.11n(HT20) 5785MHz



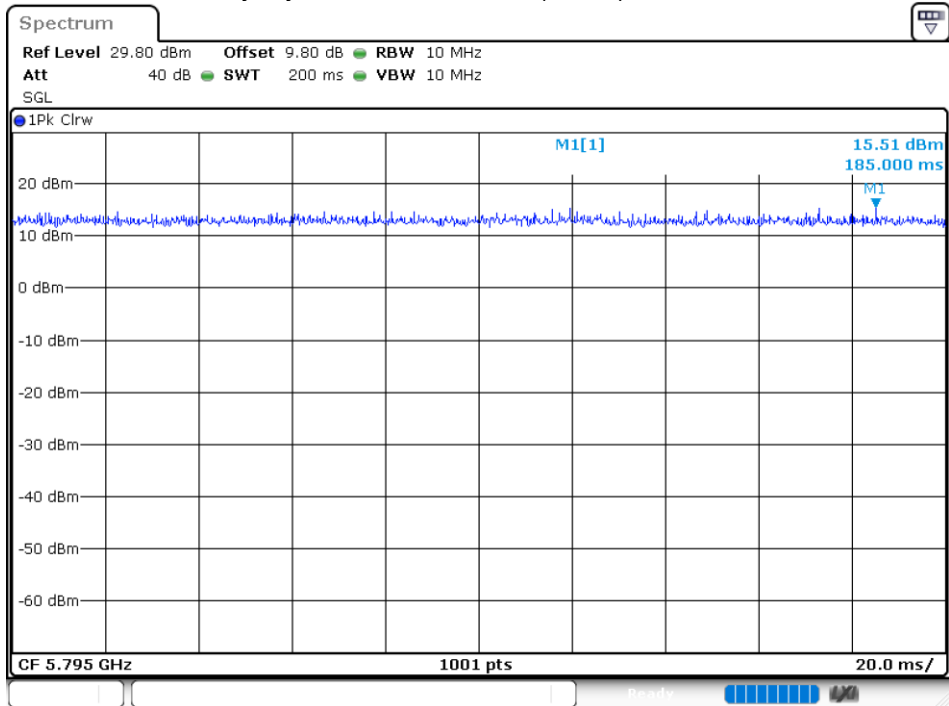
Duty Cycle NVNT 802.11n(HT20) 5825MHz



Duty Cycle NVNT 802.11n(HT40) 5755MHz



### Duty Cycle NVNT 802.11n(HT40) 5795MHz



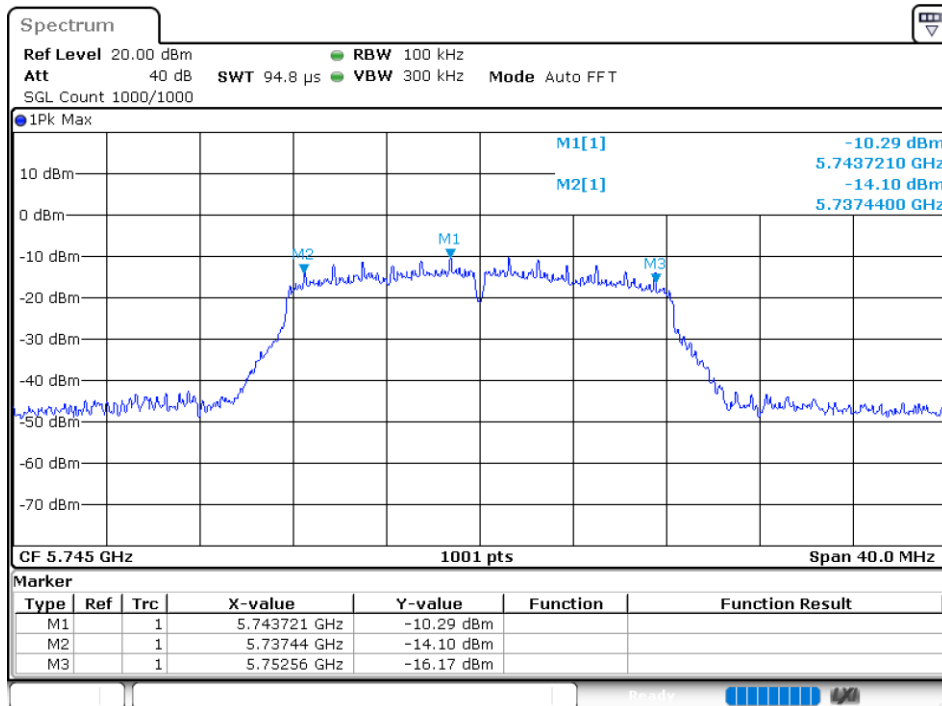
**5.2 MAXIMUM CONDUCTED OUTPUT POWER**

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	8.64	0	8.64	30	Pass
NVNT	802.11a	5785	Ant 1	8.86	0	8.86	30	Pass
NVNT	802.11a	5825	Ant 1	7.92	0	7.92	30	Pass
NVNT	802.11ac20	5745	Ant 1	7.07	0	7.07	30	Pass
NVNT	802.11ac20	5785	Ant 1	6.75	0	6.75	30	Pass
NVNT	802.11ac20	5825	Ant 1	6.98	0	6.98	30	Pass
NVNT	802.11ac40	5755	Ant 1	6.53	0	6.53	30	Pass
NVNT	802.11ac40	5795	Ant 1	6.86	0	6.86	30	Pass
NVNT	802.11ac80	5775	Ant 1	5.89	0	5.89	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	7.05	0	7.05	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	7.86	0	7.86	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	8.05	0	8.05	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	6.59	0	6.59	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	6.91	0	6.91	30	Pass

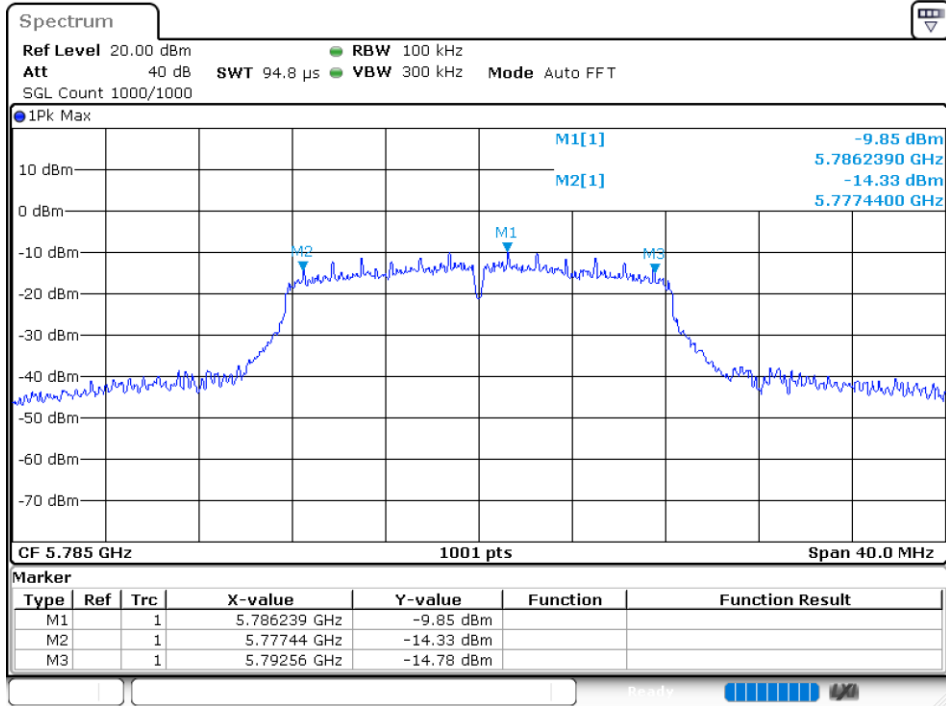
**5.3 -6DB EMISSION BANDWIDTH**

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	15.12	0.5	Pass
NVNT	802.11a	5785	Ant 1	15.12	0.5	Pass
NVNT	802.11a	5825	Ant 1	15.08	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	33.84	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	15.68	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 1	15.44	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 1	15.12	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 1	35.04	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 1	35.04	0.5	Pass

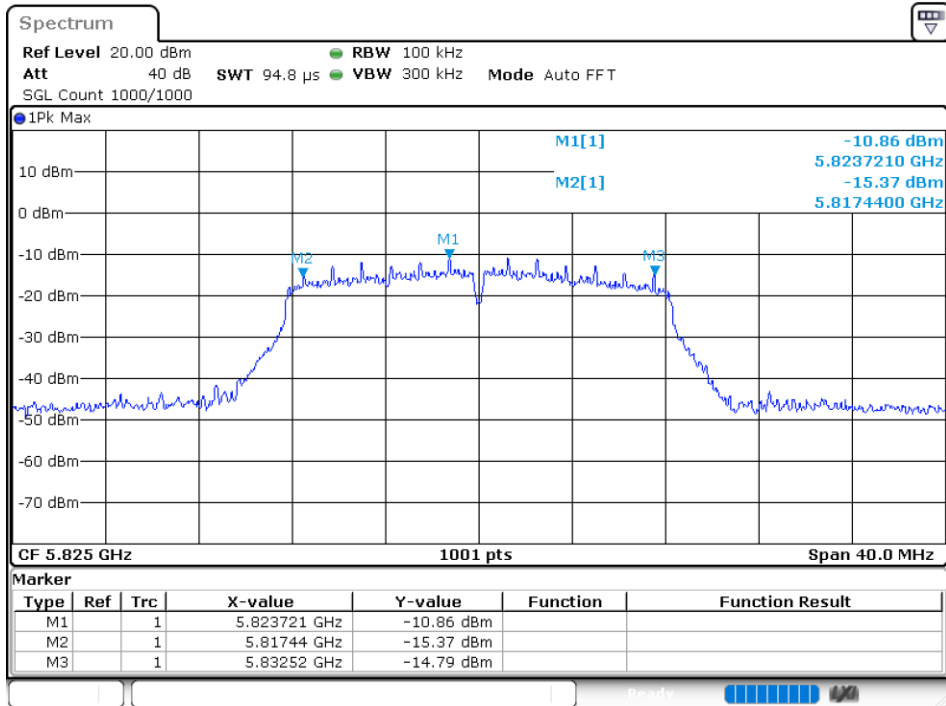
EBW NVNT 802.11a 5745MHz Ant1



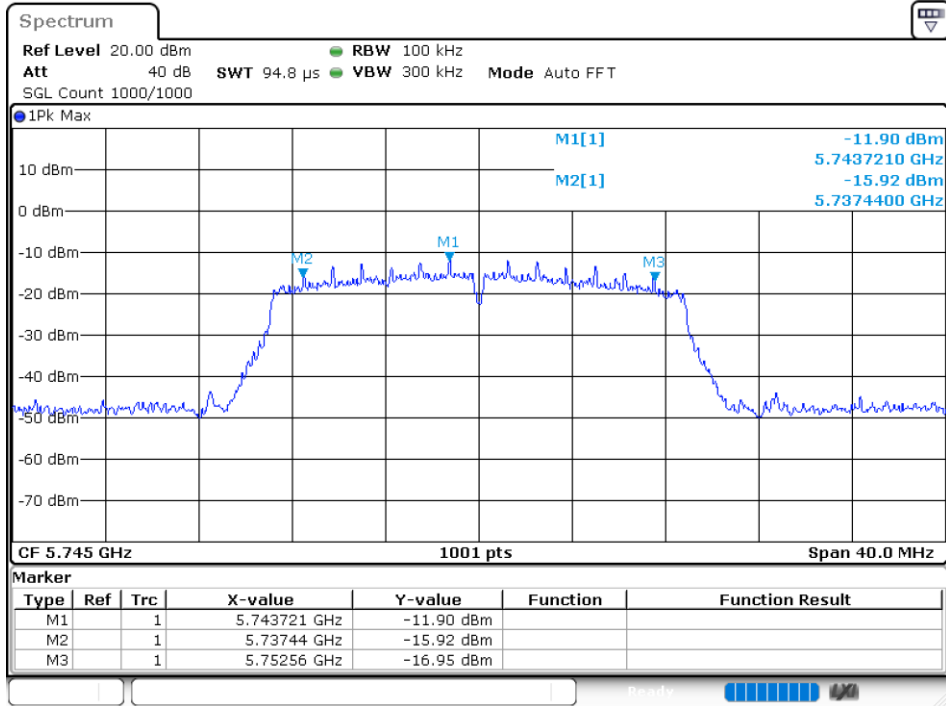
EBW NVNT 802.11a 5785MHz Ant1



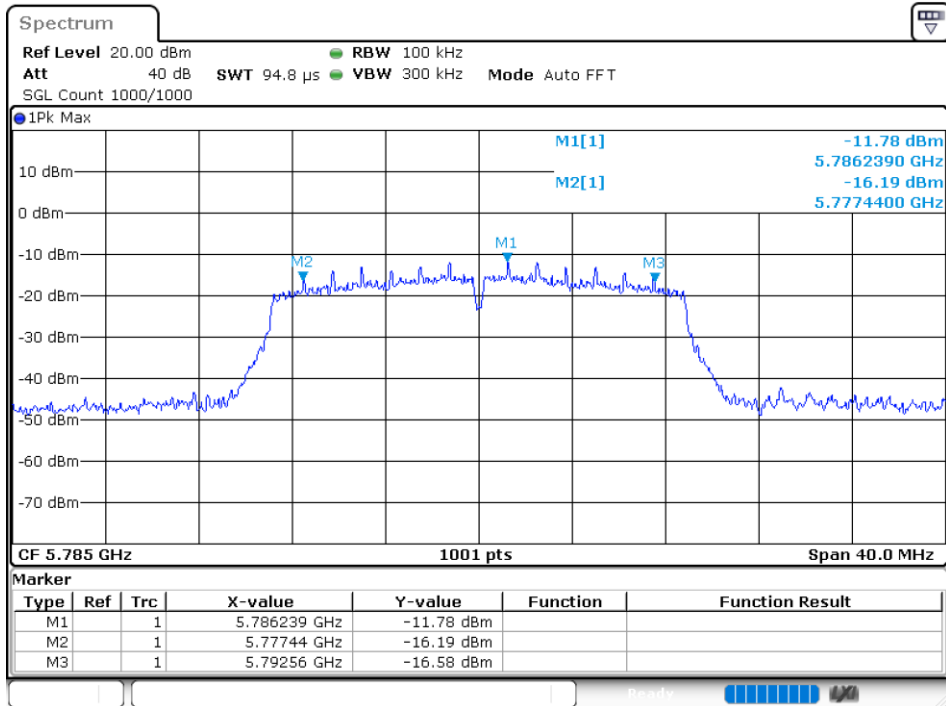
EBW NVNT 802.11a 5825MHz Ant1



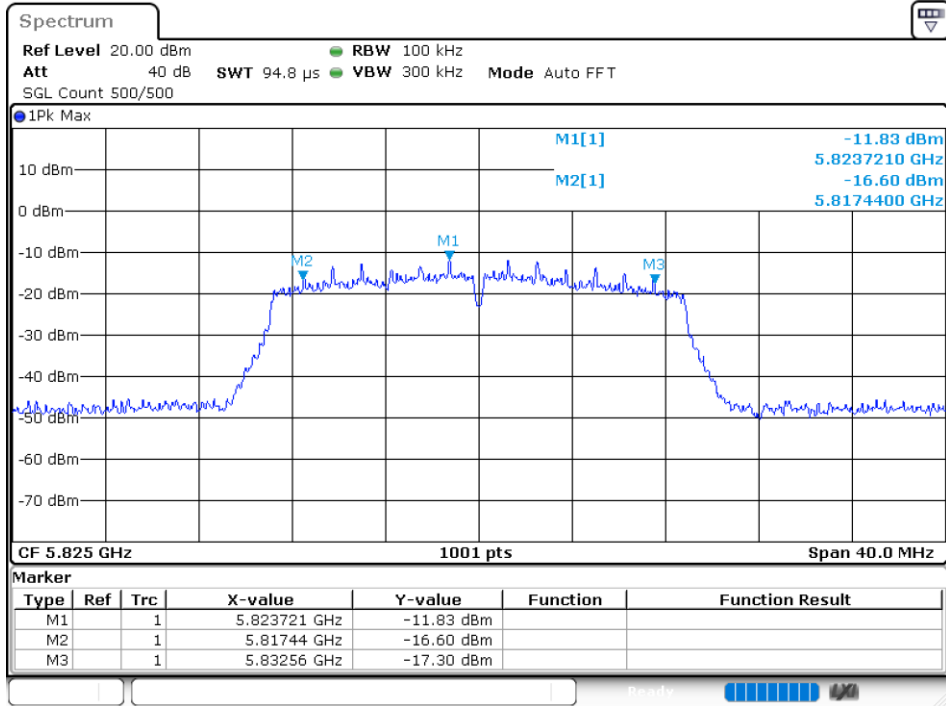
EBW NVNT 802.11ac20 5745MHz Ant1



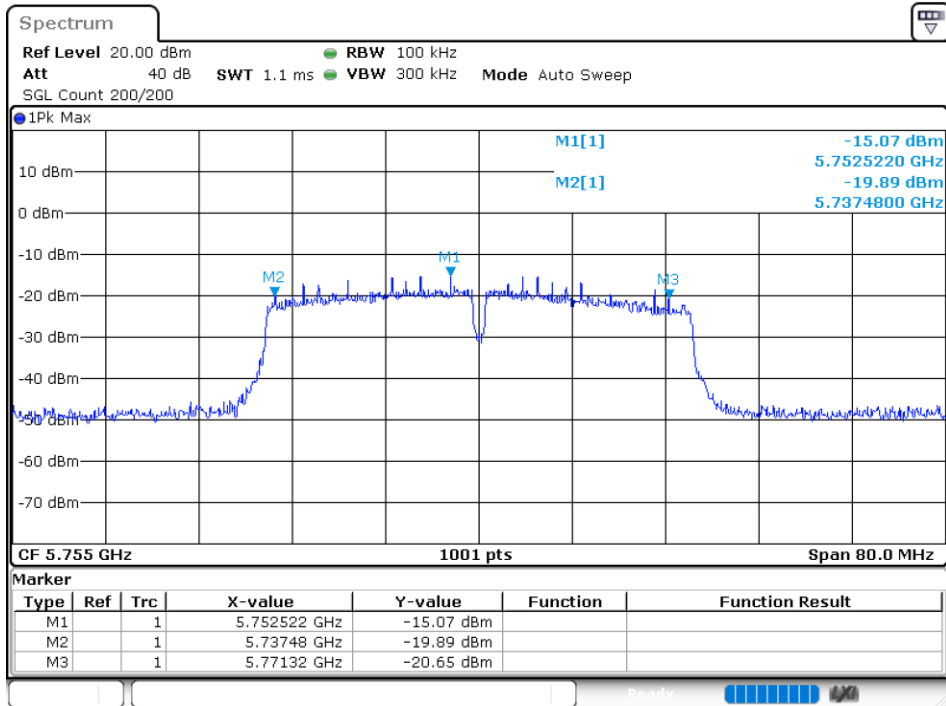
EBW NVNT 802.11ac20 5785MHz Ant1



EBW NVNT 802.11ac20 5825MHz Ant1

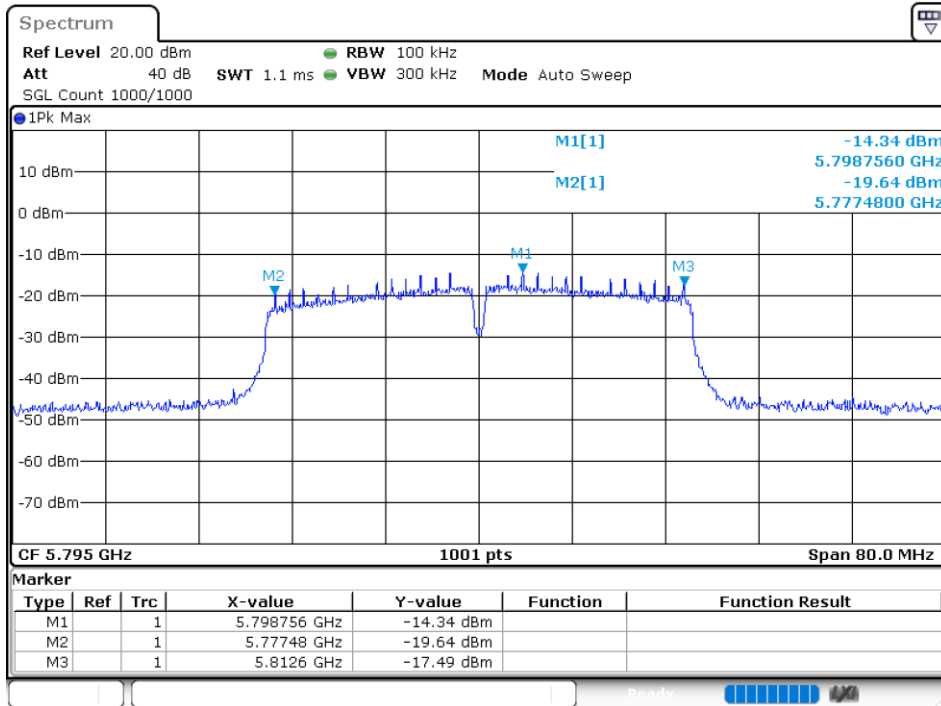


EBW NVNT 802.11ac40 5755MHz Ant1

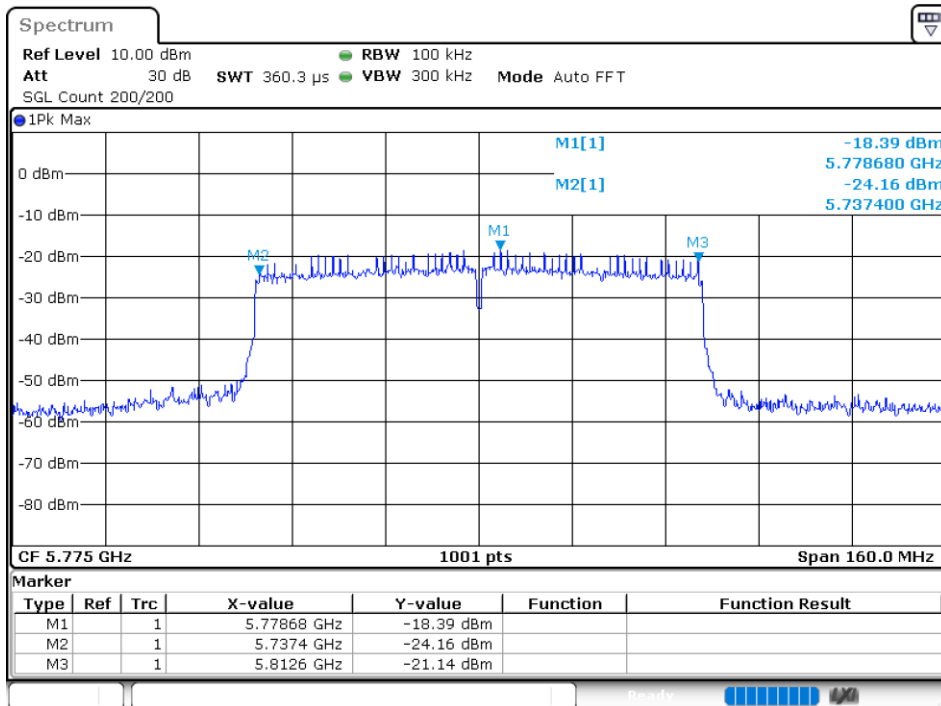




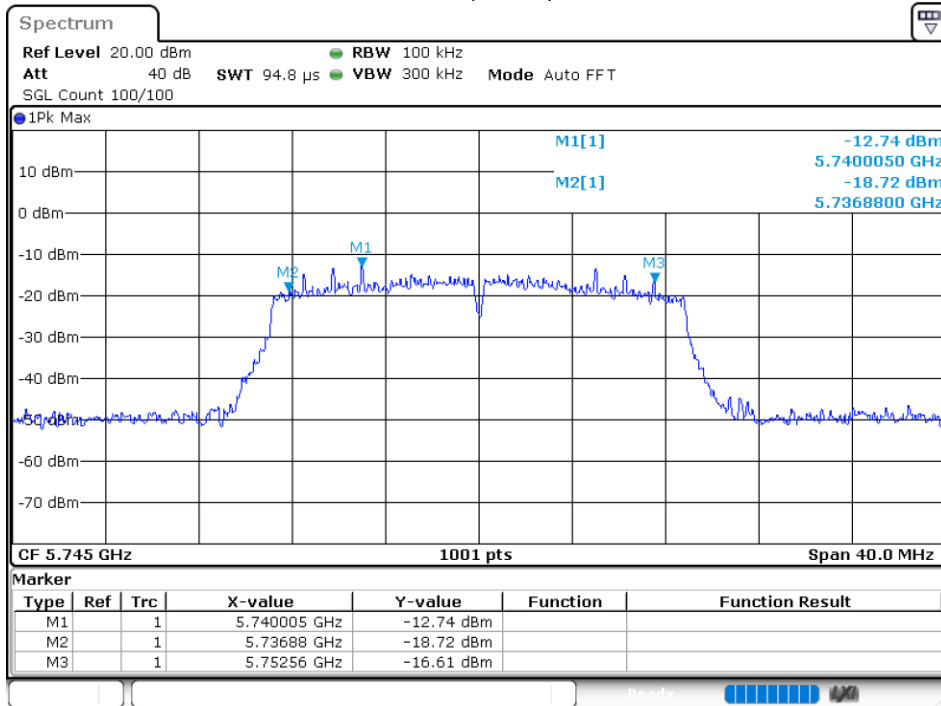
EBW NVNT 802.11ac40 5795MHz Ant1



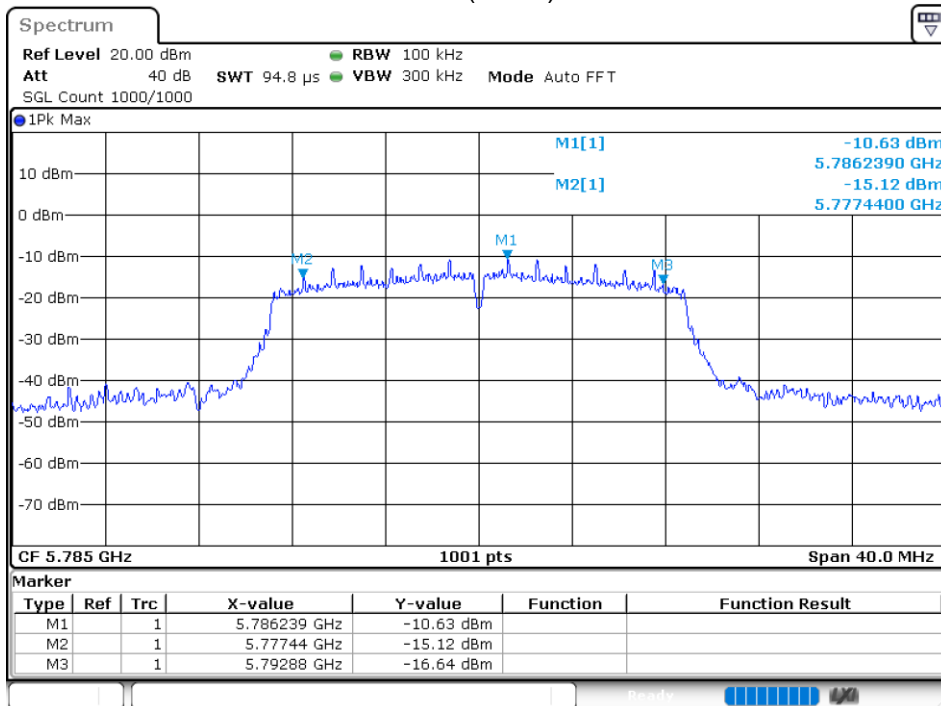
EBW NVNT 802.11ac80 5775MHz Ant1



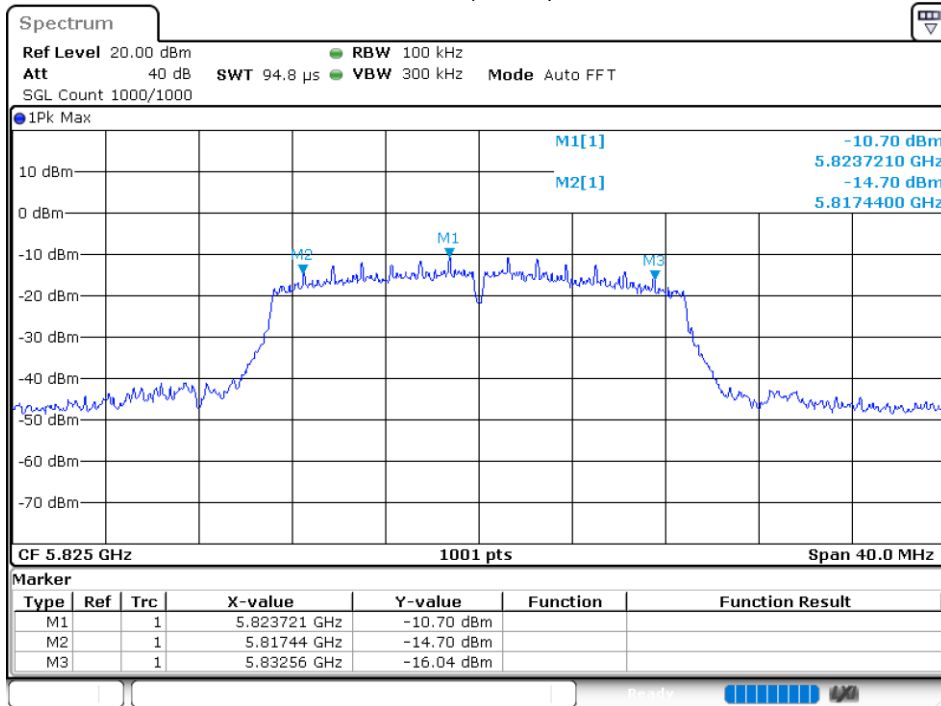
EBW NVNT 802.11n(HT20) 5745MHz Ant1



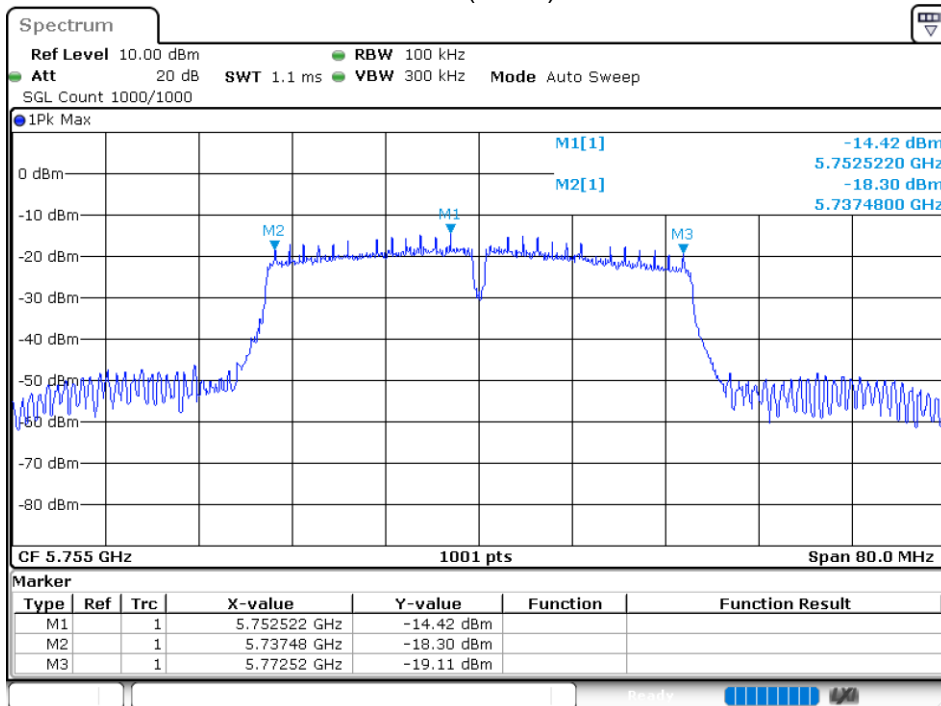
EBW NVNT 802.11n(HT20) 5785MHz Ant1



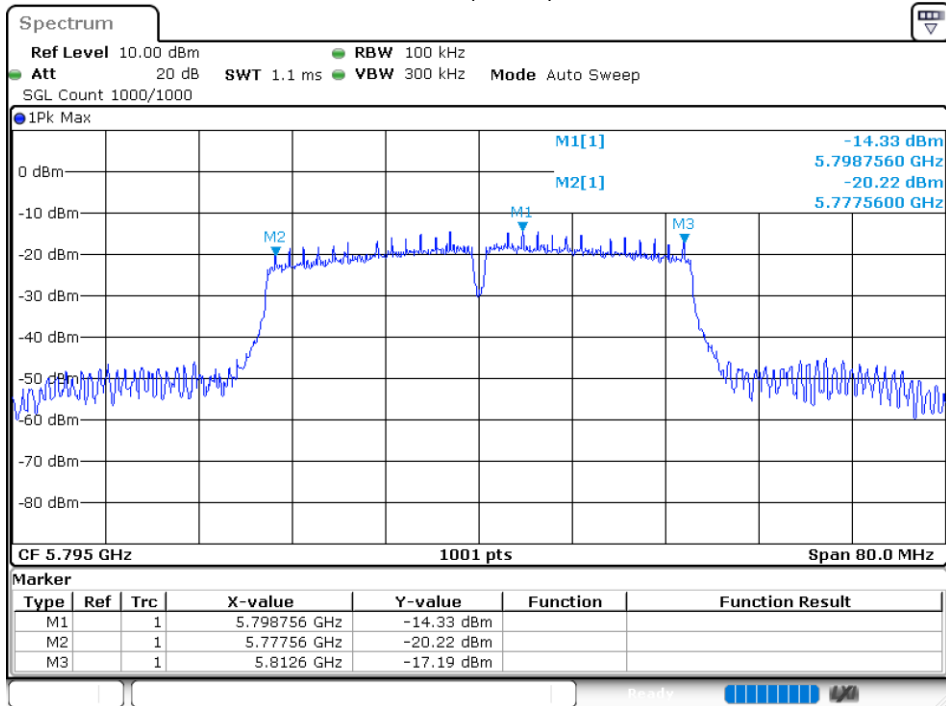
EBW NVNT 802.11n(HT20) 5825MHz Ant1



EBW NVNT 802.11n(HT40) 5755MHz Ant1



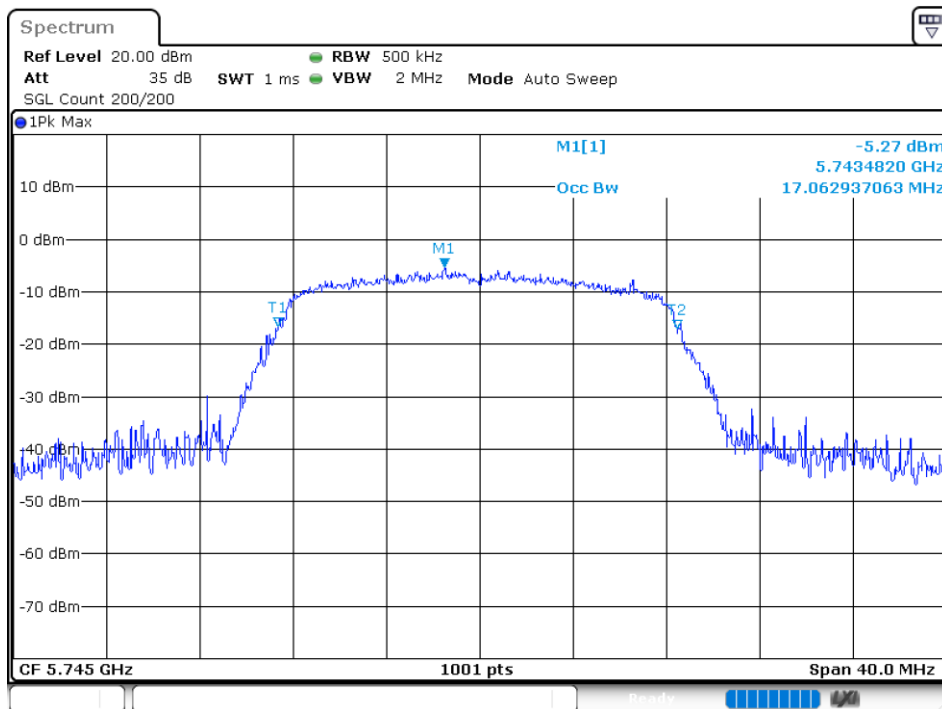
EBW NVNT 802.11n(HT40) 5795MHz Ant1



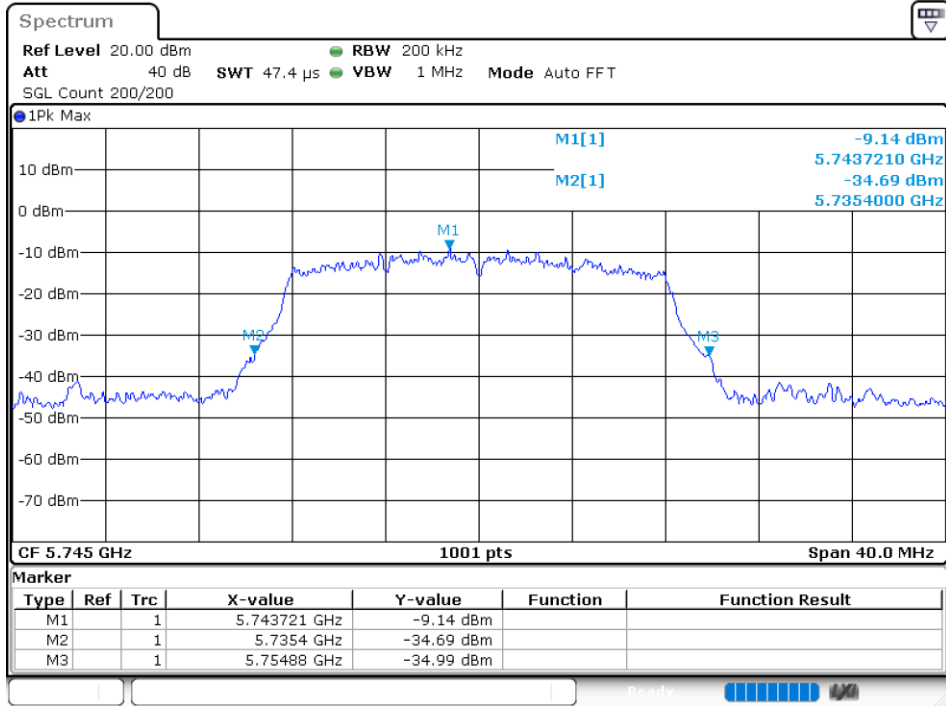
5.4 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	17.0629	19.48	0.5	Pass
NVNT	802.11a	5785	Ant 1	17.2627	24.16	0.5	Pass
NVNT	802.11a	5825	Ant 1	17.0629	19.4	0.5	Pass
NVNT	802.11ac20	5745	Ant 1	18.3017	20.12	0.5	Pass
NVNT	802.11ac20	5785	Ant 1	18.1019	20.44	0.5	Pass
NVNT	802.11ac20	5825	Ant 1	18.3017	20.28	0.5	Pass
NVNT	802.11ac40	5755	Ant 1	36.2837	40.96	0.5	Pass
NVNT	802.11ac40	5795	Ant 1	36.5235	41.12	0.5	Pass
NVNT	802.11ac80	5775	Ant 1	76.8831	81.6	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 1	18.1419	20.12	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 1	17.8621	22	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 1	18.5015	20.16	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 1	37.4026	40.88	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 1	36.6833	41.84	0.5	Pass

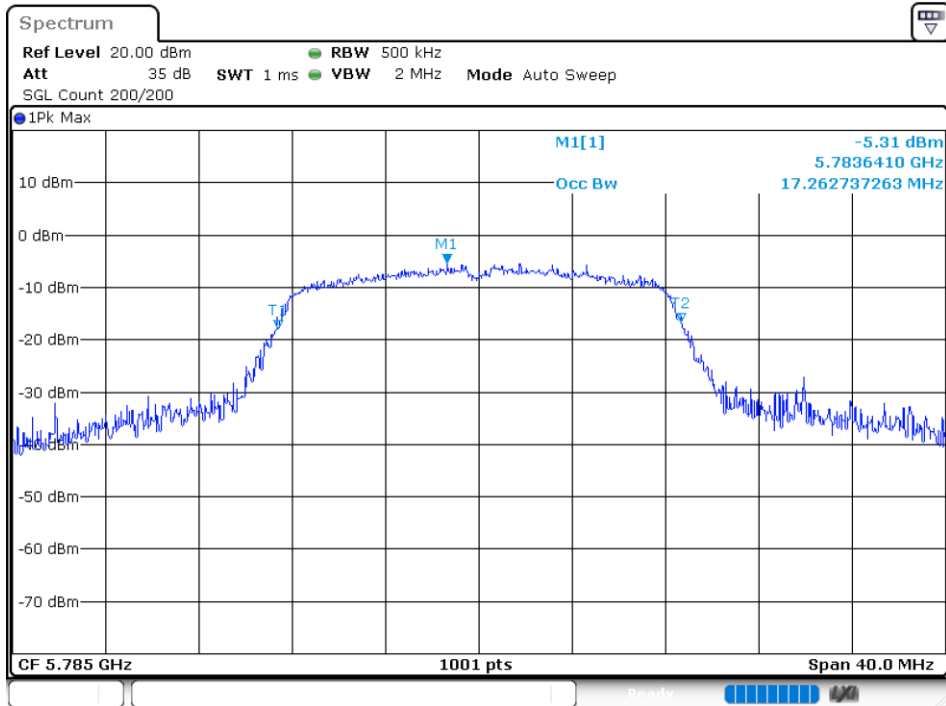
OBW NVNT 802.11a 5745MHz Ant1



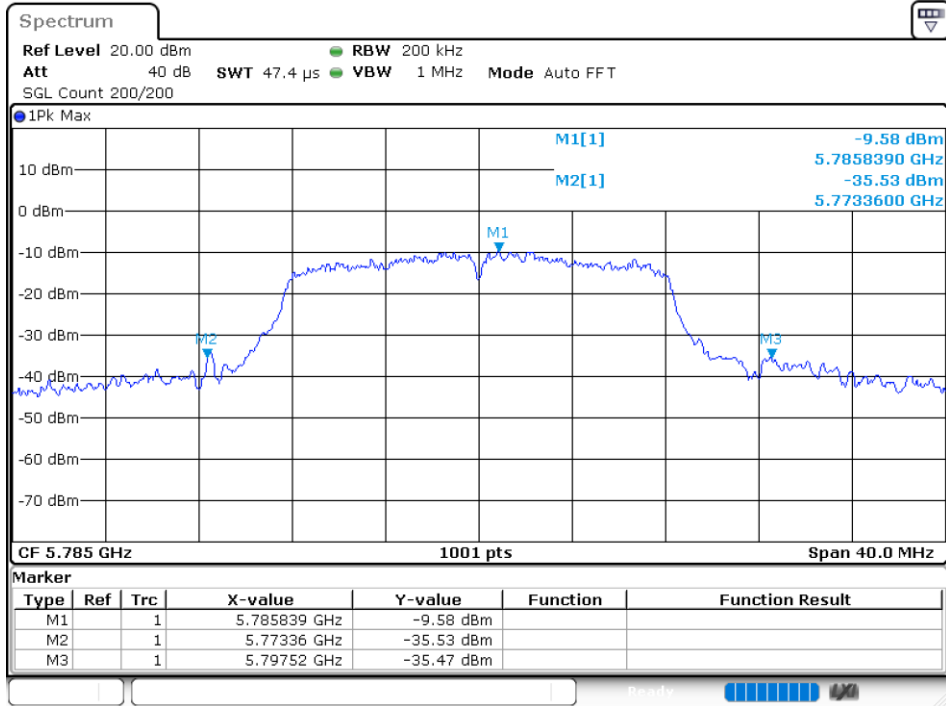
-26 dB BW NVNT 802.11a 5745MHz Ant1



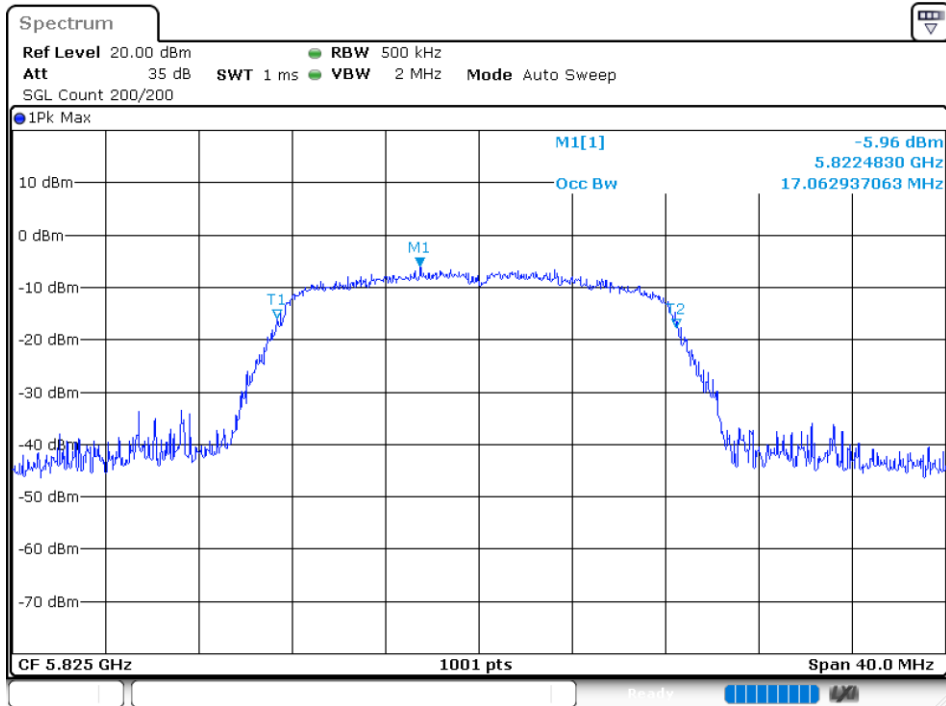
OBW NVNT 802.11a 5785MHz Ant1



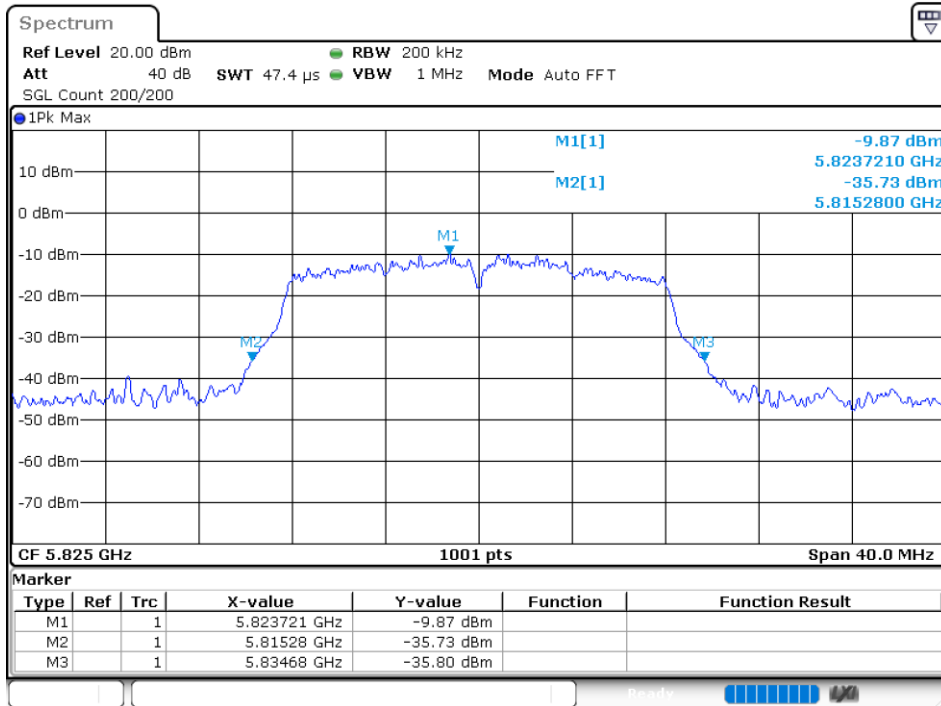
-26 dB BW NVNT 802.11a 5785MHz Ant1



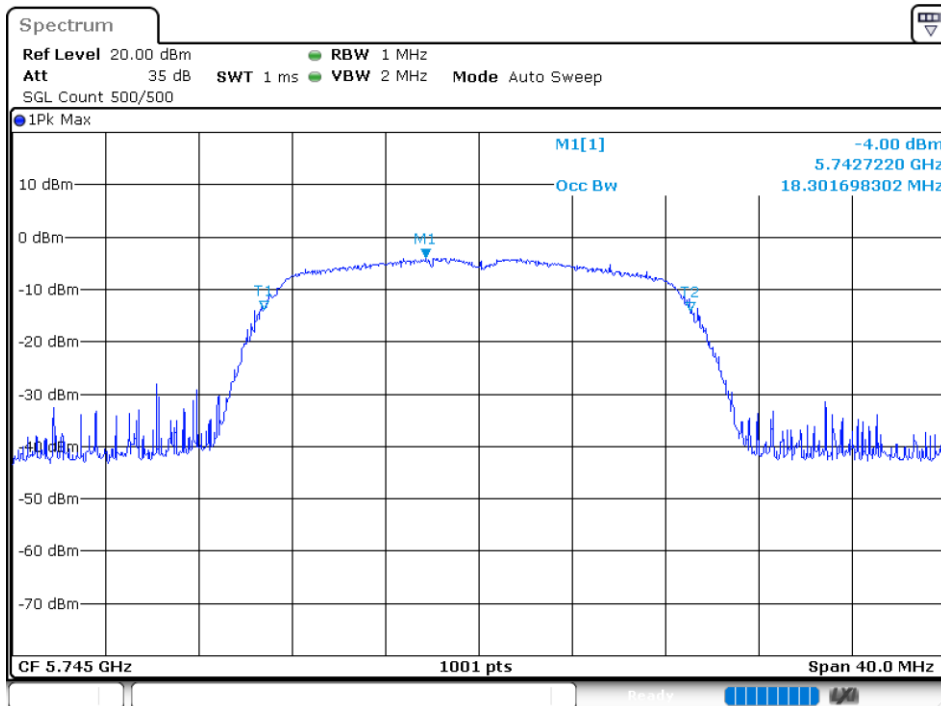
OBW NVNT 802.11a 5825MHz Ant1



-26 dB BW NVNT 802.11a 5825MHz Ant1

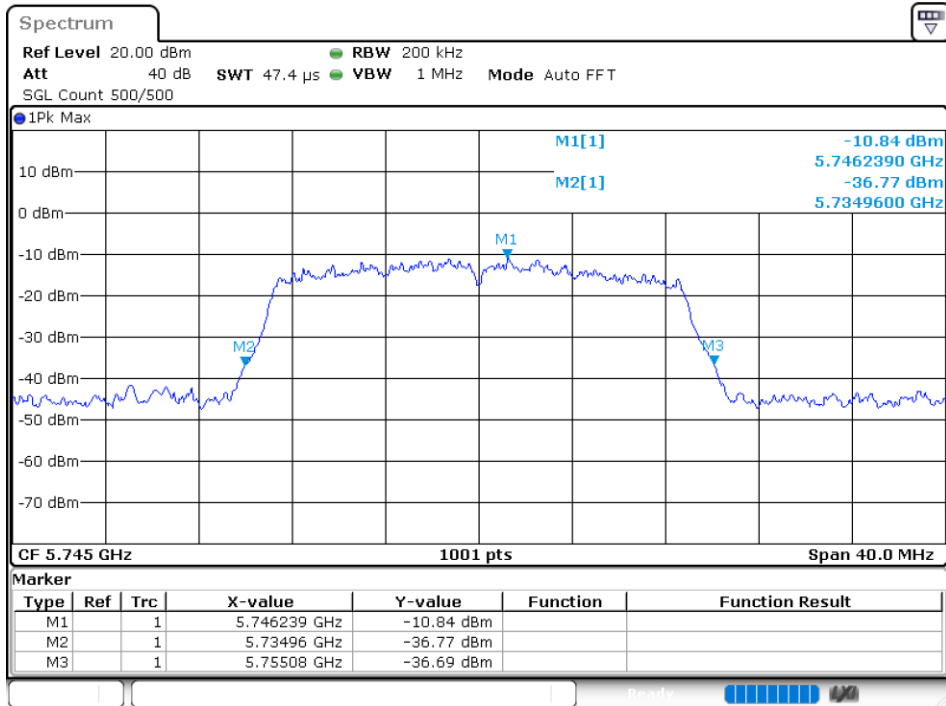


OBW NVNT 802.11ac20 5745MHz Ant1

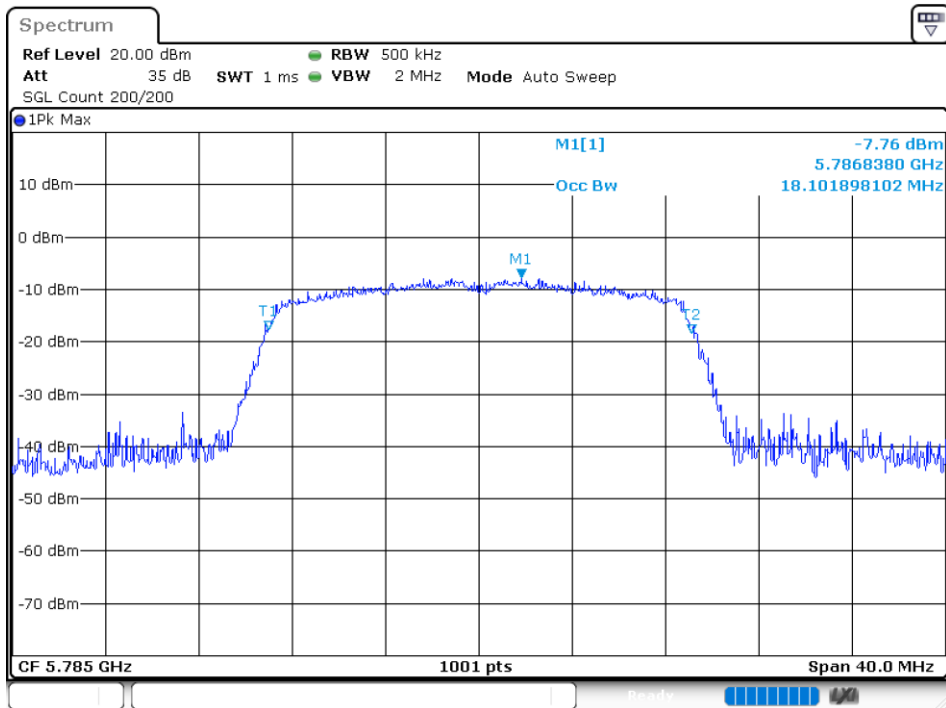




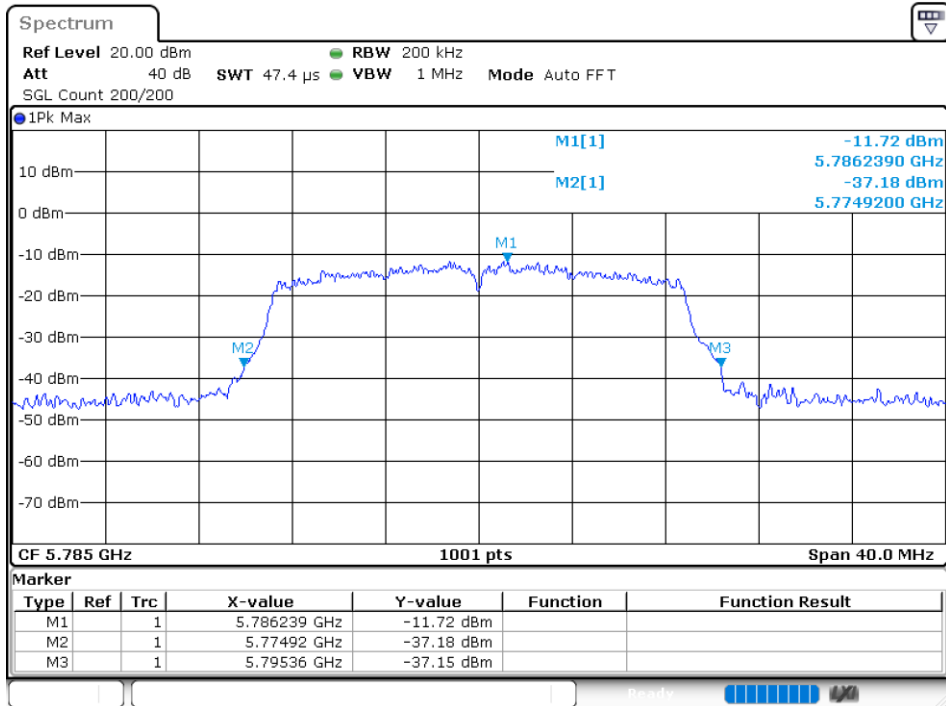
-26 dB BW NVNT 802.11ac20 5745MHz Ant1



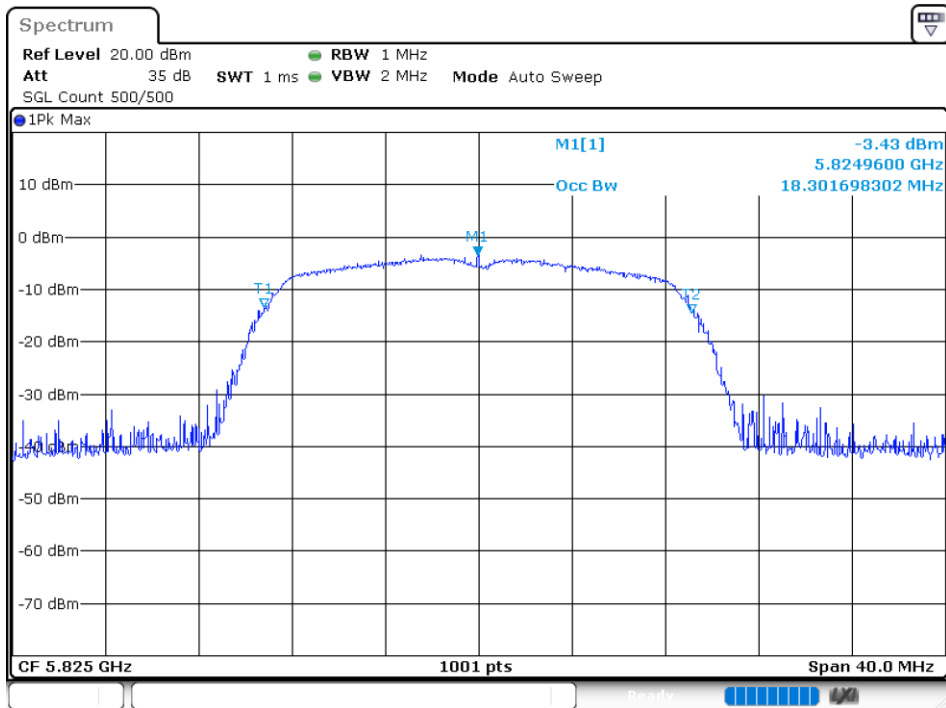
OBW NVNT 802.11ac20 5785MHz Ant1



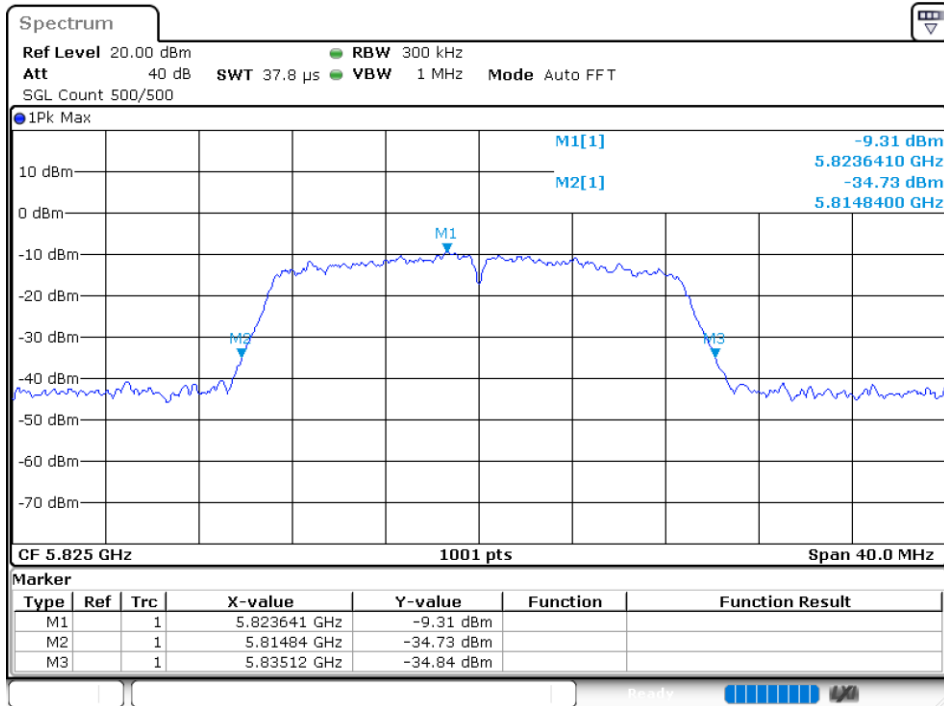
-26 dB BW NVNT 802.11ac20 5785MHz Ant1



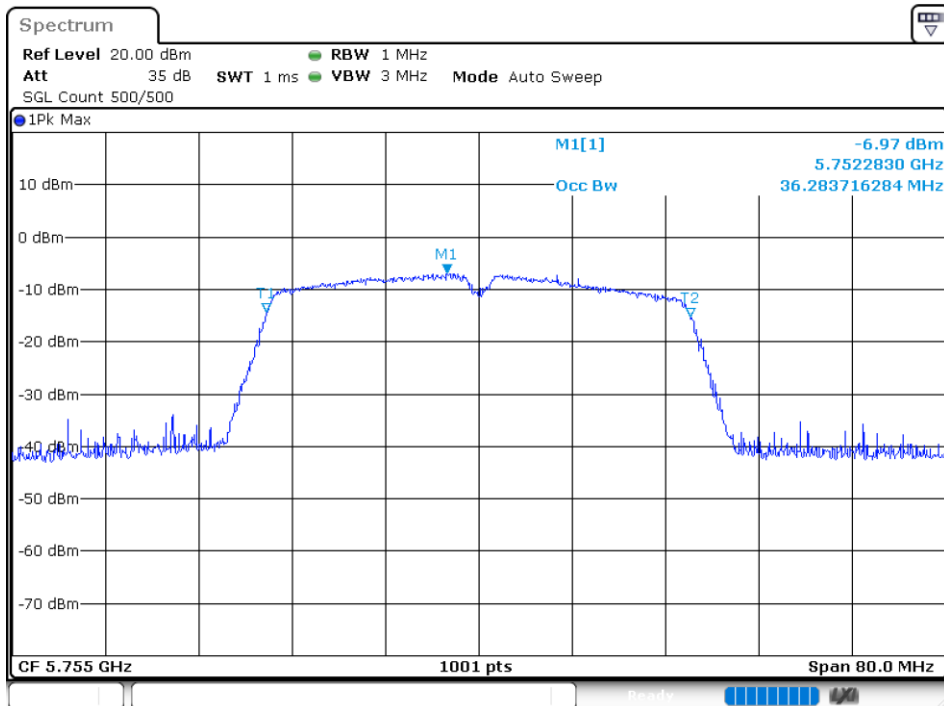
OBW NVNT 802.11ac20 5825MHz Ant1



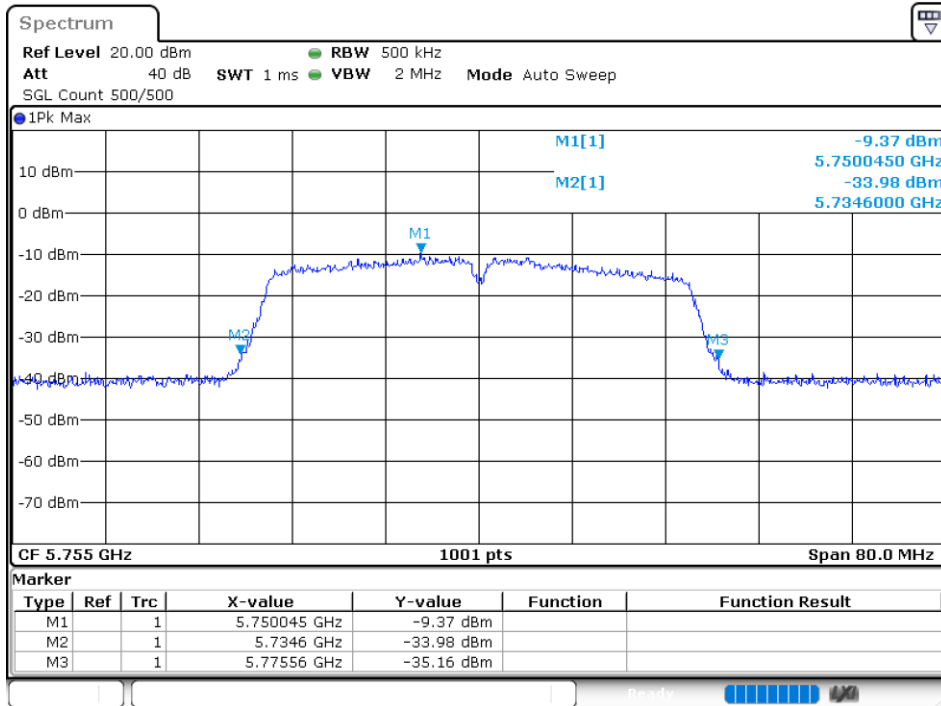
-26 dB BW NVNT 802.11ac20 5825MHz Ant1



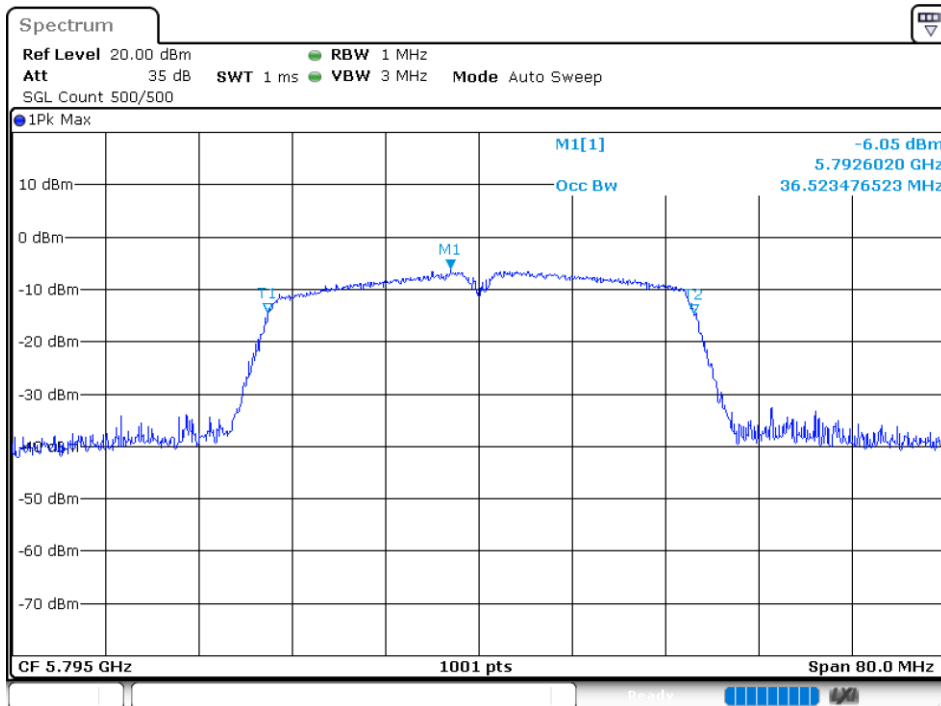
OBW NVNT 802.11ac40 5755MHz Ant1



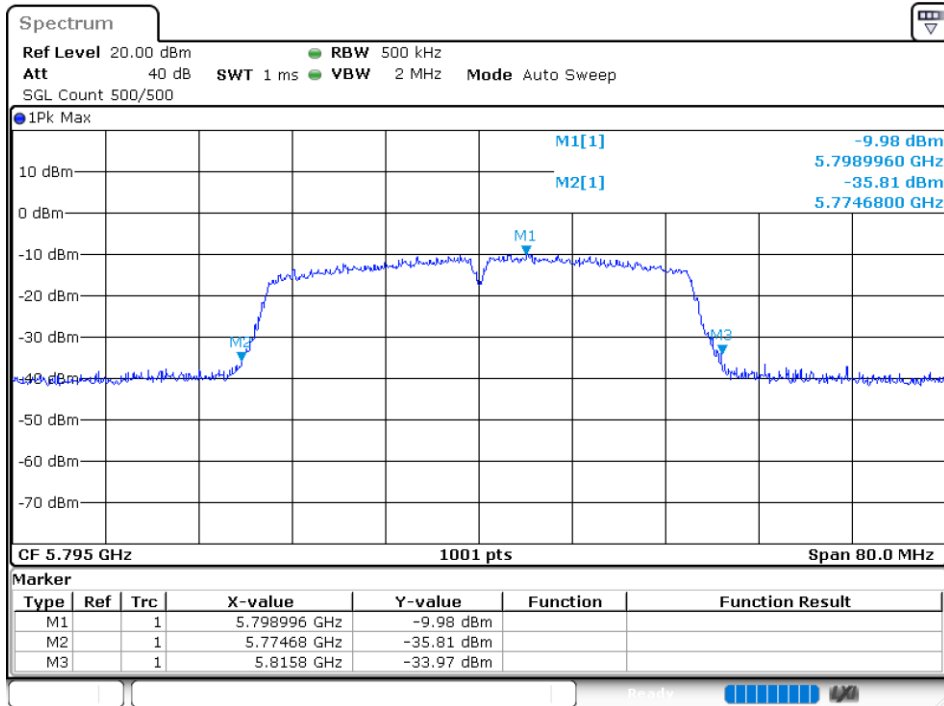
-26 dB BW NVNT 802.11ac40 5755MHz Ant1



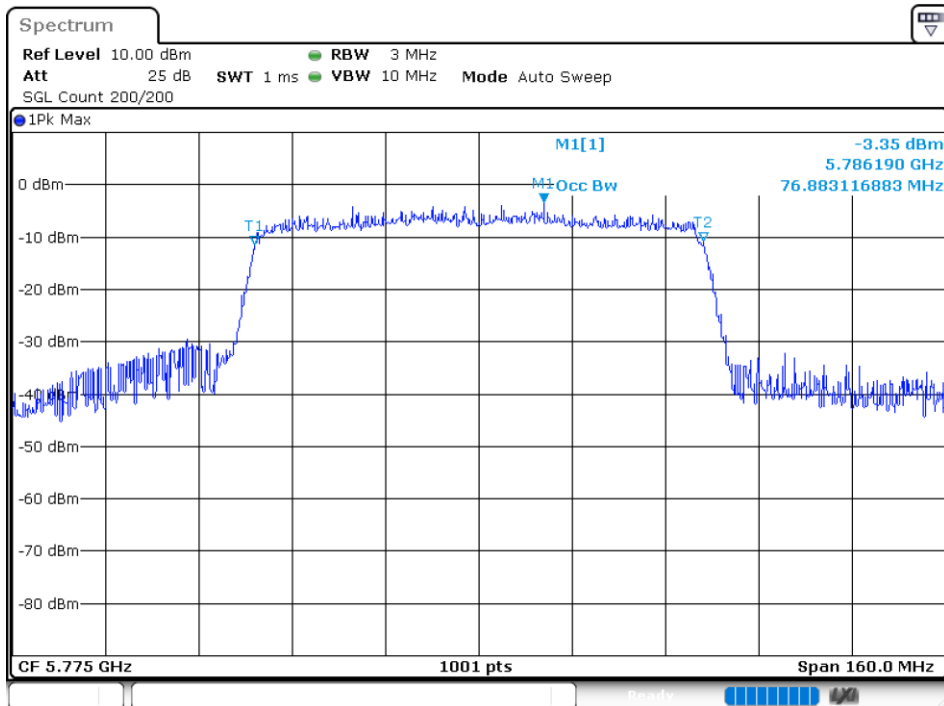
OBW NVNT 802.11ac40 5795MHz Ant1



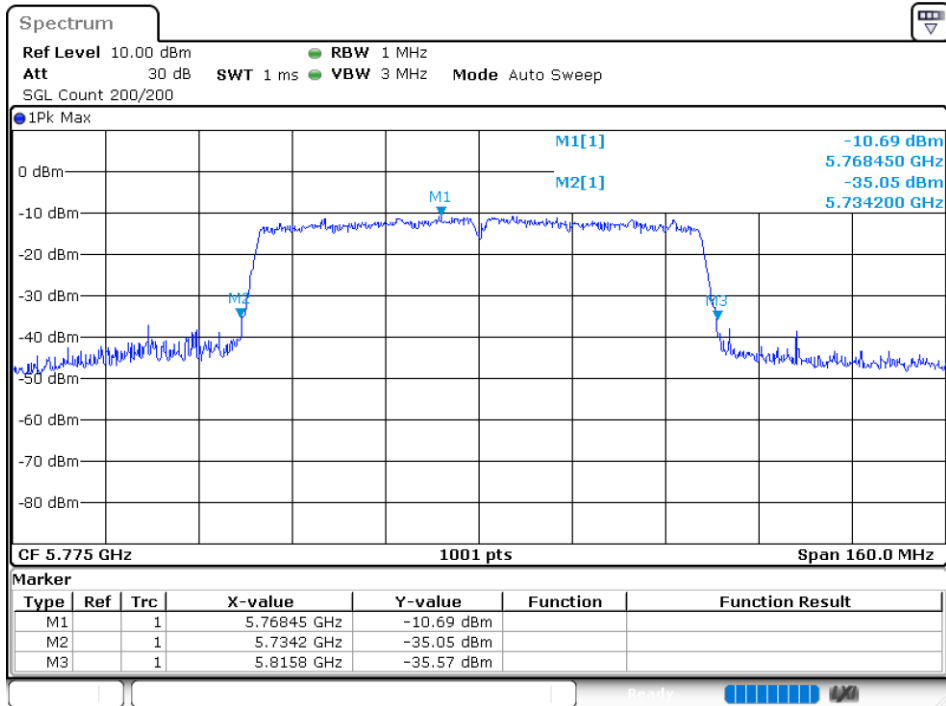
-26 dB BW NVNT 802.11ac40 5795MHz Ant1



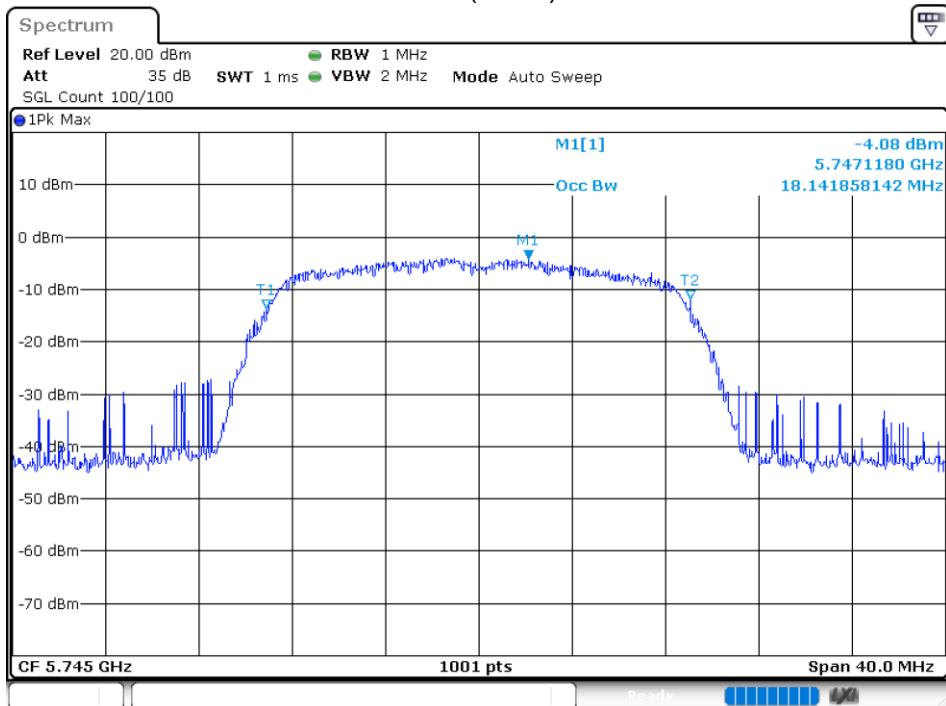
OBW NVNT 802.11ac80 5775MHz Ant1



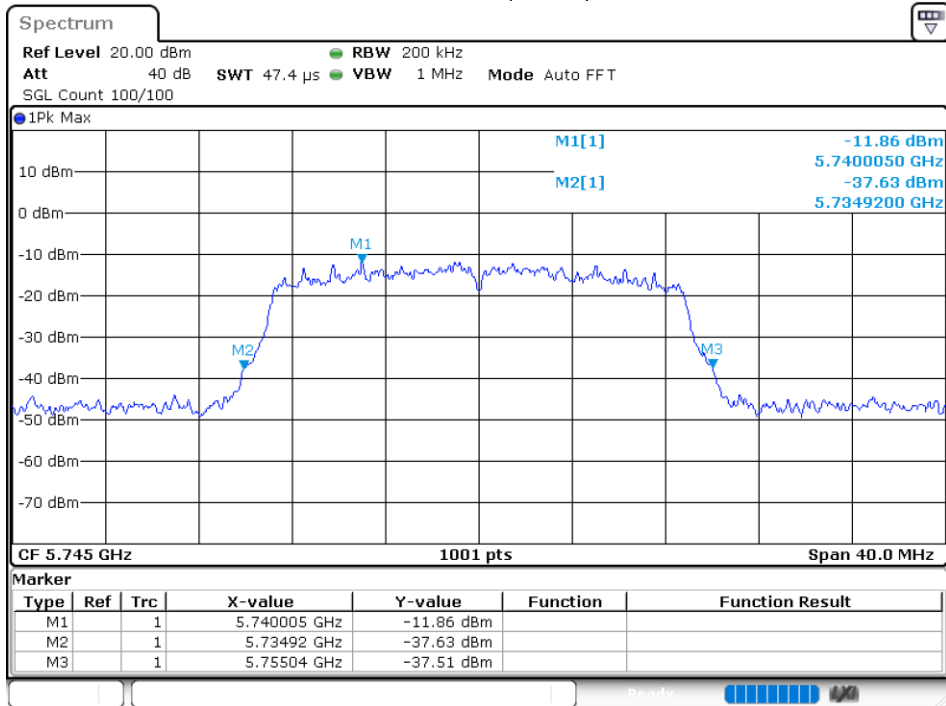
-26 dB BW NVNT 802.11ac80 5775MHz Ant1



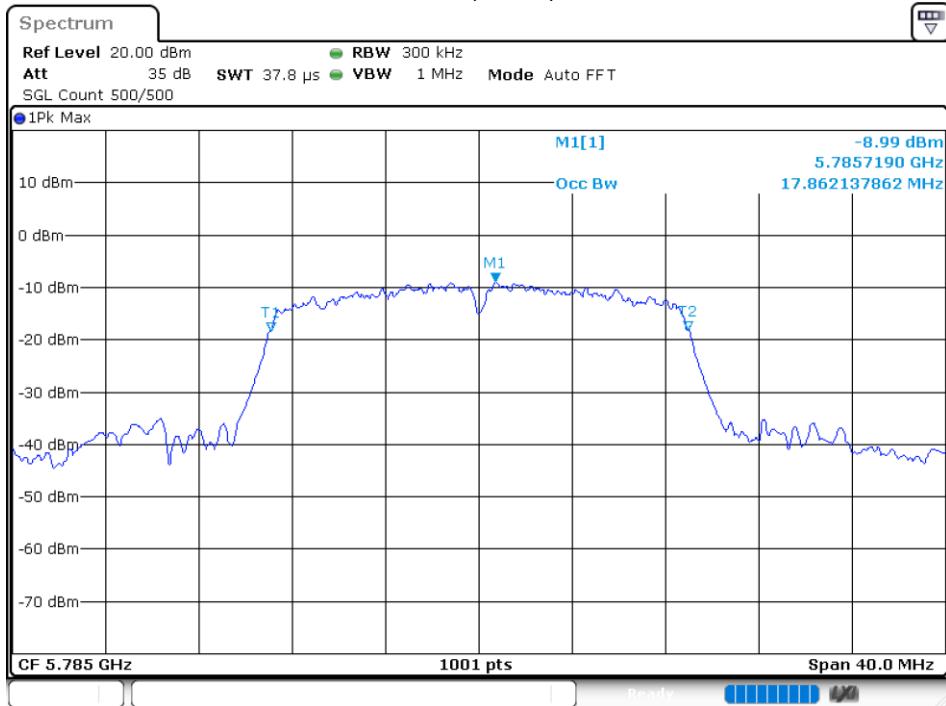
OBW NVNT 802.11n(HT20) 5745MHz Ant1



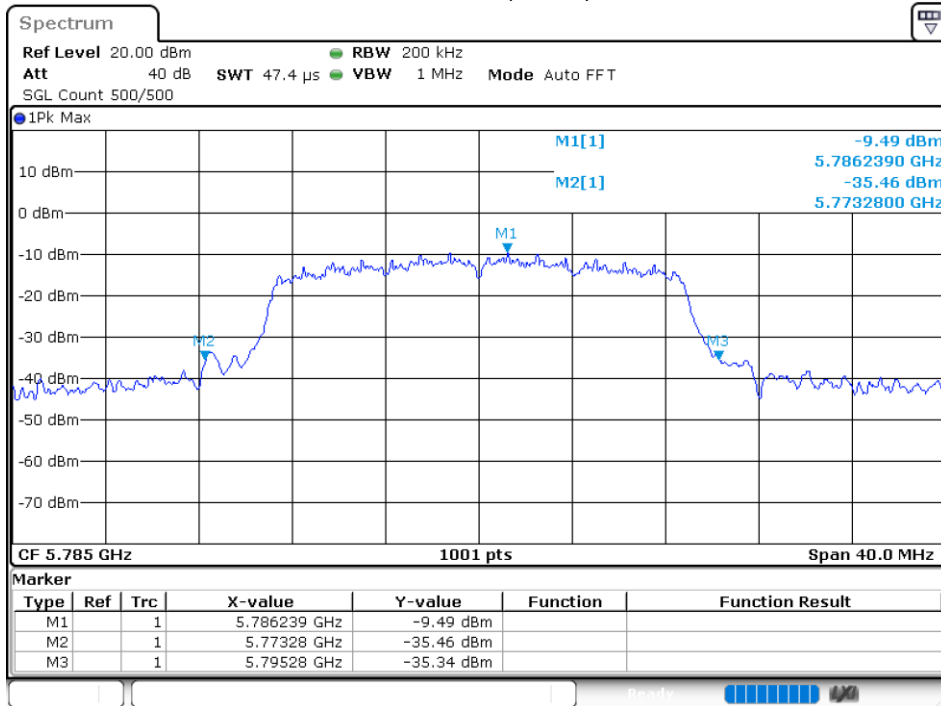
-26 dB BW NVNT 802.11n(HT20) 5745MHz Ant1



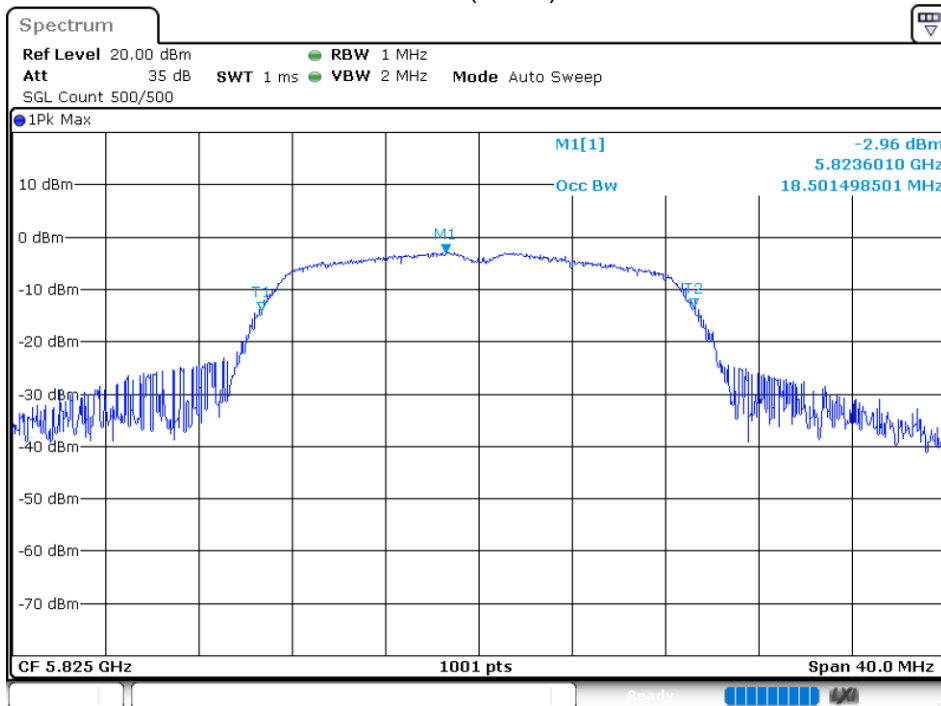
OBW NVNT 802.11n(HT20) 5785MHz Ant1



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

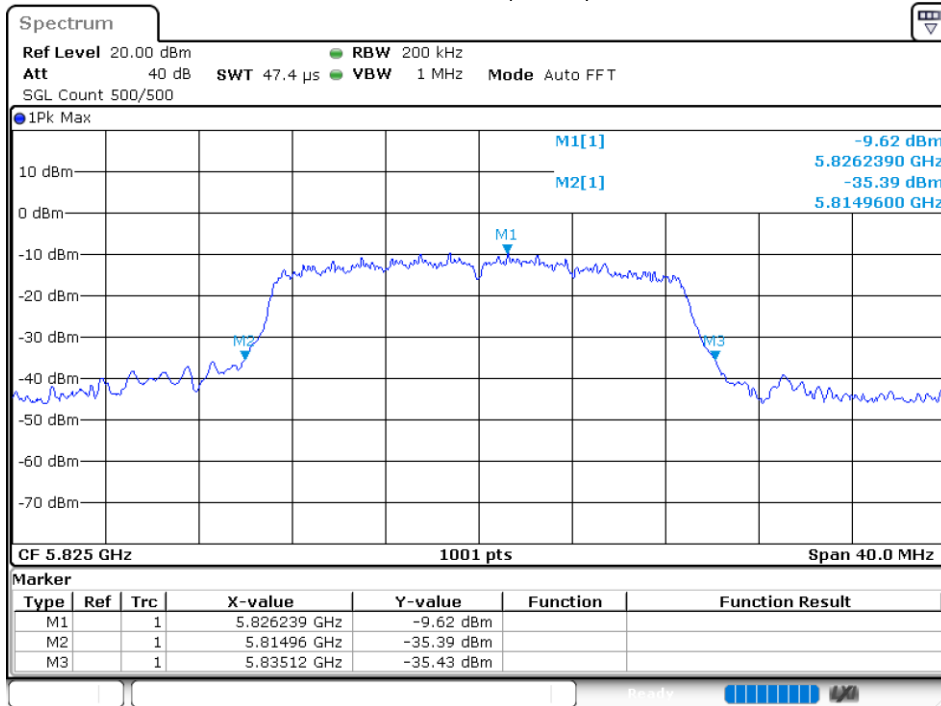


OBW NVNT 802.11n(HT20) 5825MHz Ant1

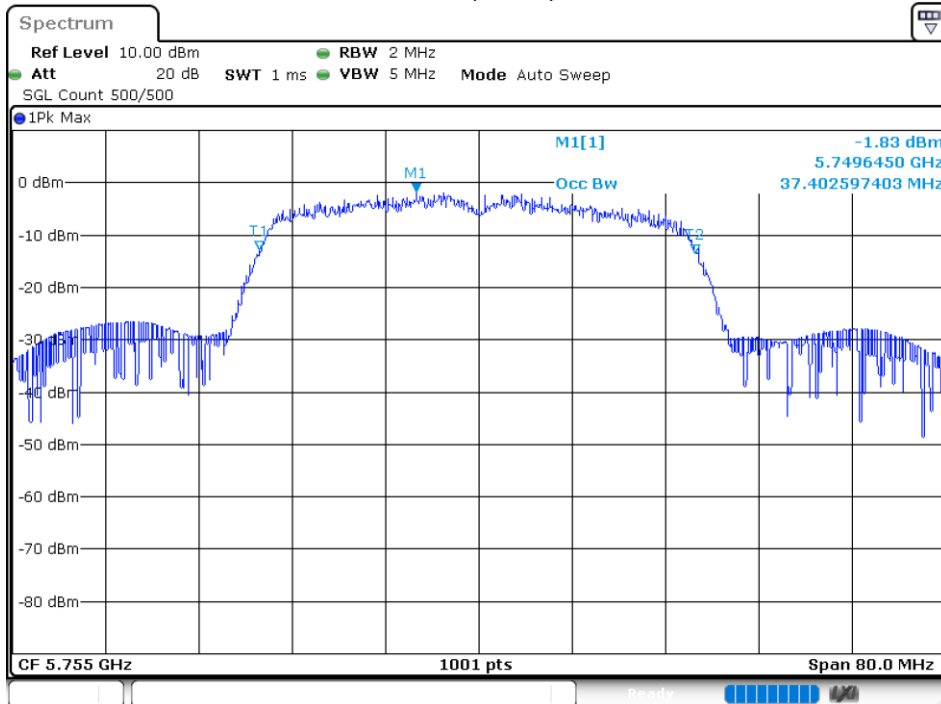




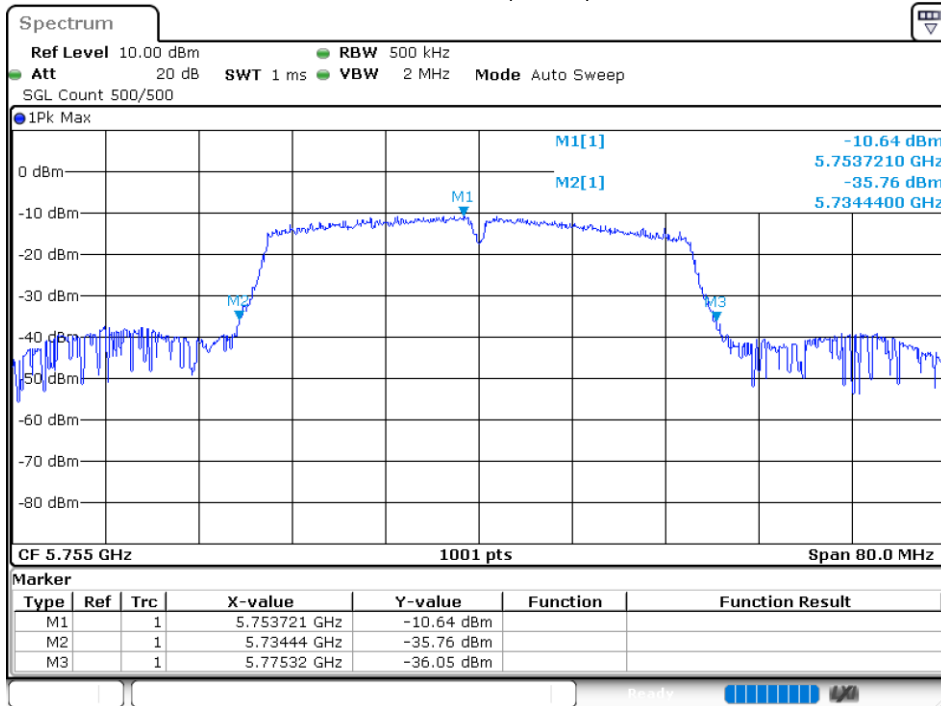
-26 dB BW NVNT 802.11n(HT20) 5825MHz Ant1



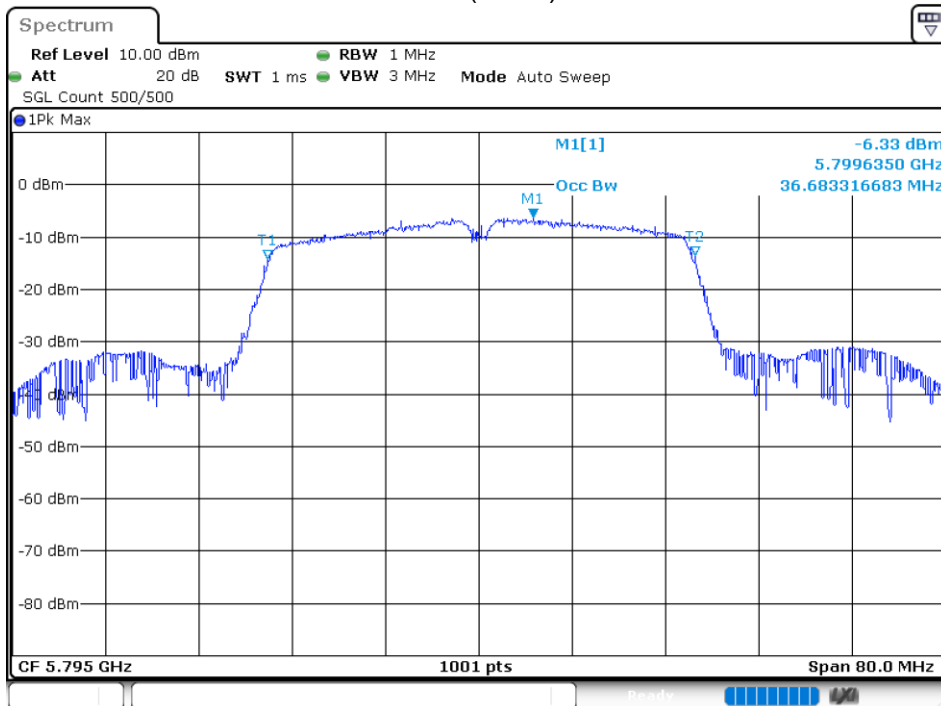
OBW NVNT 802.11n(HT40) 5755MHz Ant1



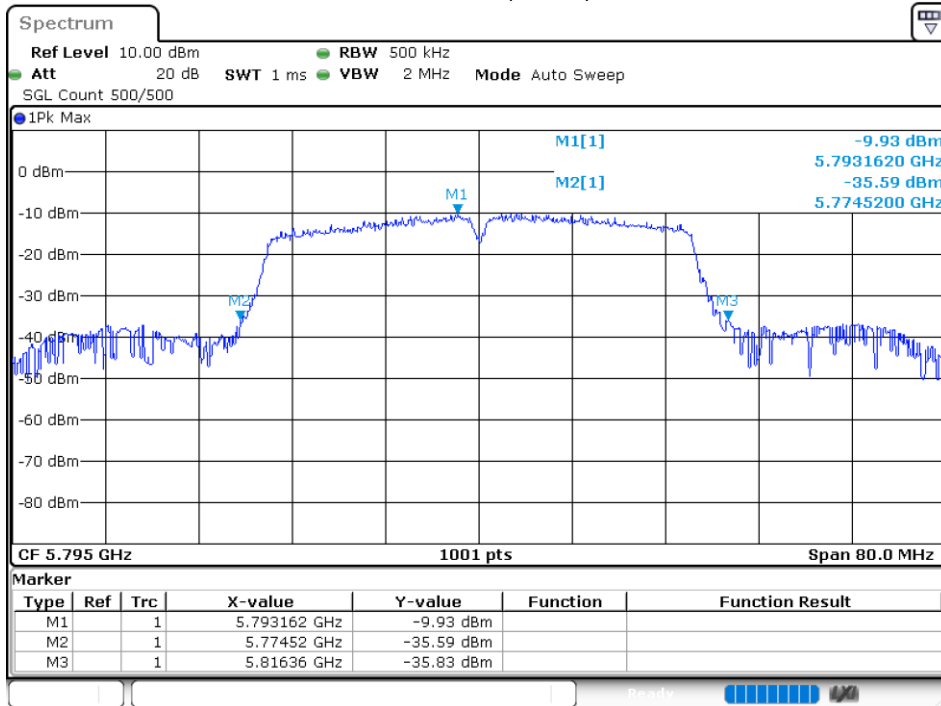
-26 dB BW NVNT 802.11n(HT40) 5755MHz Ant1



OBW NVNT 802.11n(HT40) 5795MHz Ant1



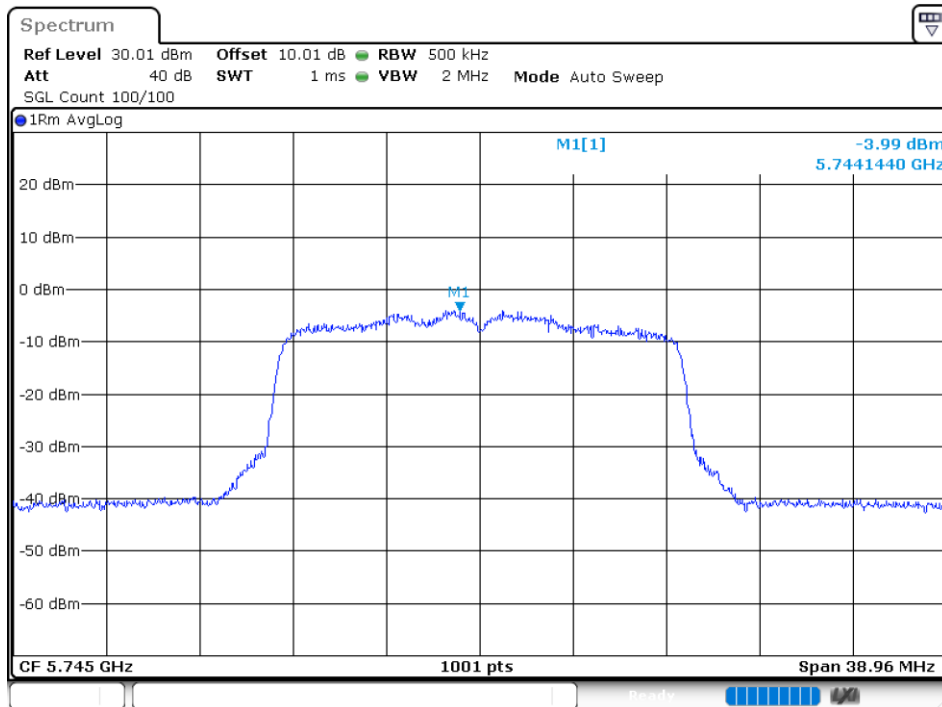
-26 dB BW NVNT 802.11n(HT40) 5795MHz Ant1



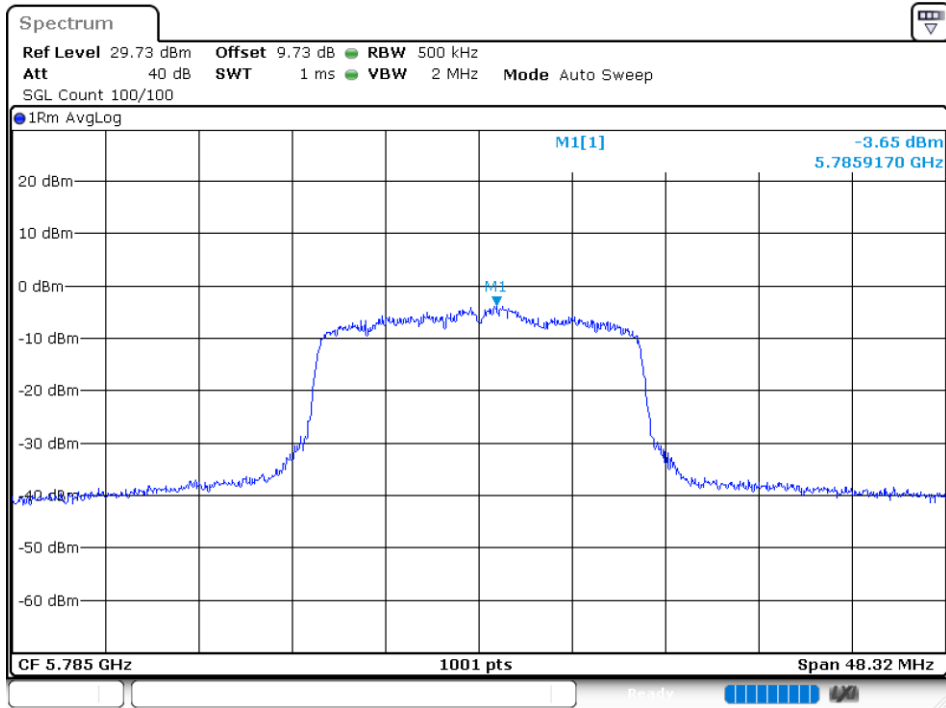
**5.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL**

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-3.989	30	Pass
NVNT	802.11a	5785	Ant 1	-3.645	30	Pass
NVNT	802.11a	5825	Ant 1	-4.522	30	Pass
NVNT	802.11ac20	5745	Ant 1	-6.563	30	Pass
NVNT	802.11ac20	5785	Ant 1	-7.122	30	Pass
NVNT	802.11ac20	5825	Ant 1	-6.714	30	Pass
NVNT	802.11ac40	5755	Ant 1	-10.615	30	Pass
NVNT	802.11ac40	5795	Ant 1	-10.171	30	Pass
NVNT	802.11ac80	5775	Ant 1	-15.534	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-6.167	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-5.797	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-5.929	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-10.586	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-11.173	30	Pass

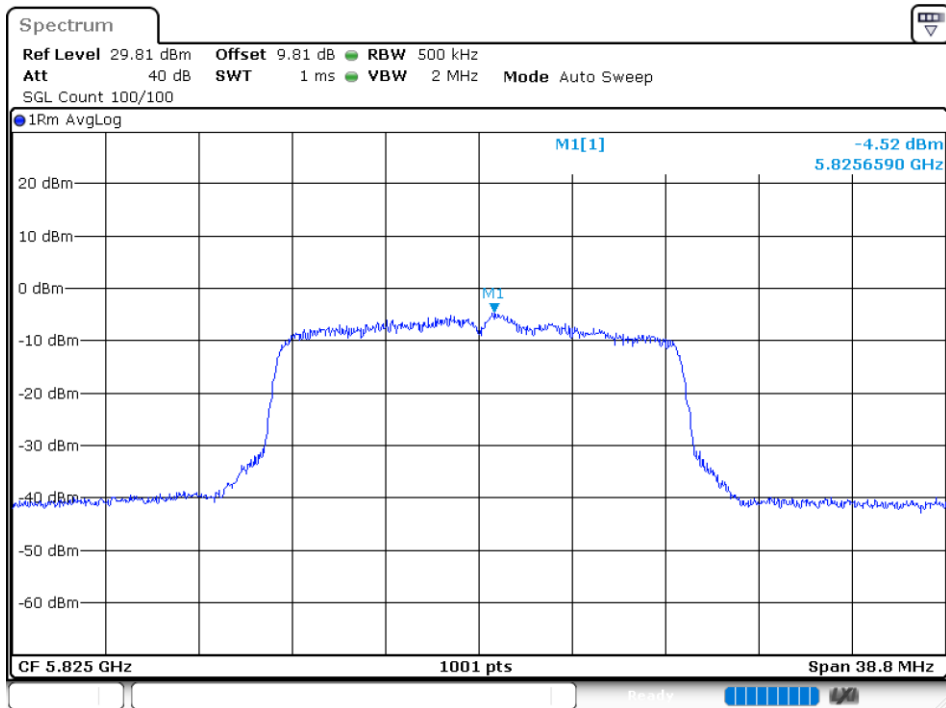
PSD NVNT 802.11a 5745MHz Ant1



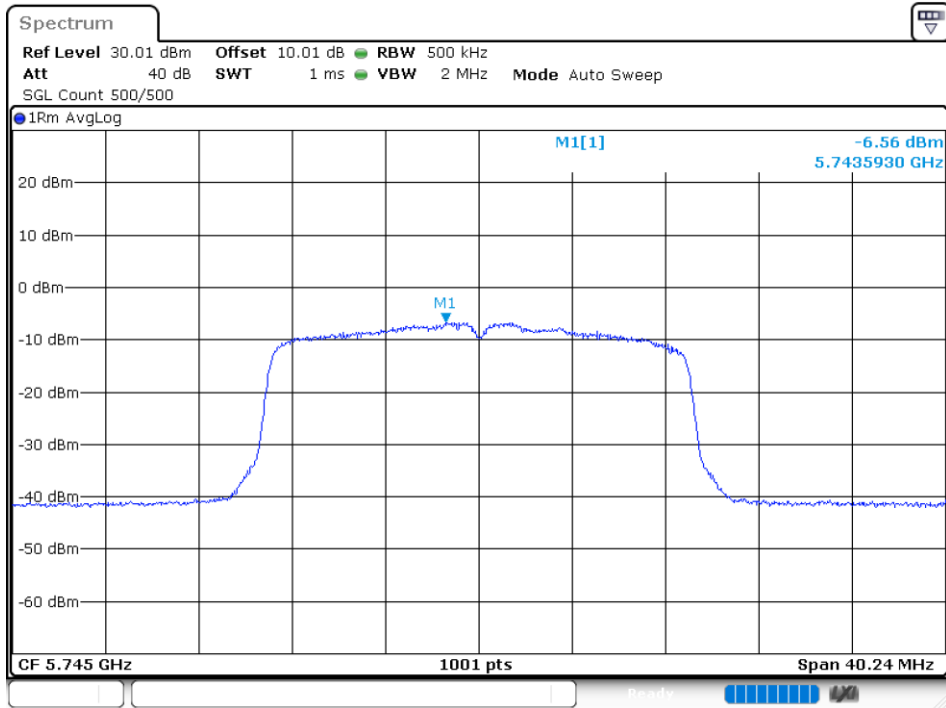
PSD NVNT 802.11a 5785MHz Ant1



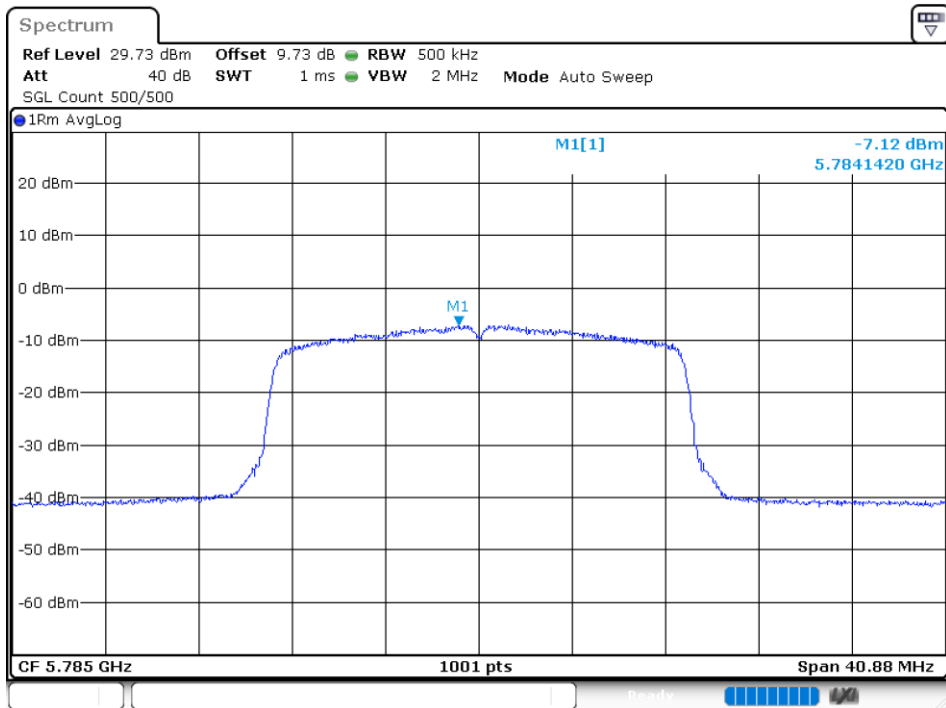
PSD NVNT 802.11a 5825MHz Ant1



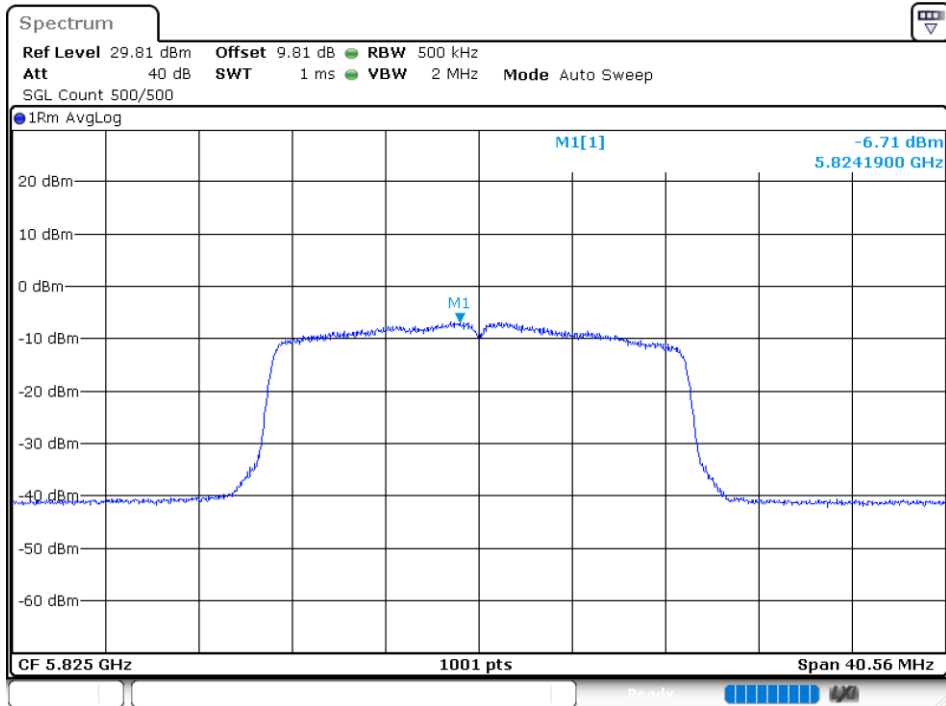
PSD NVNT 802.11ac20 5745MHz Ant1



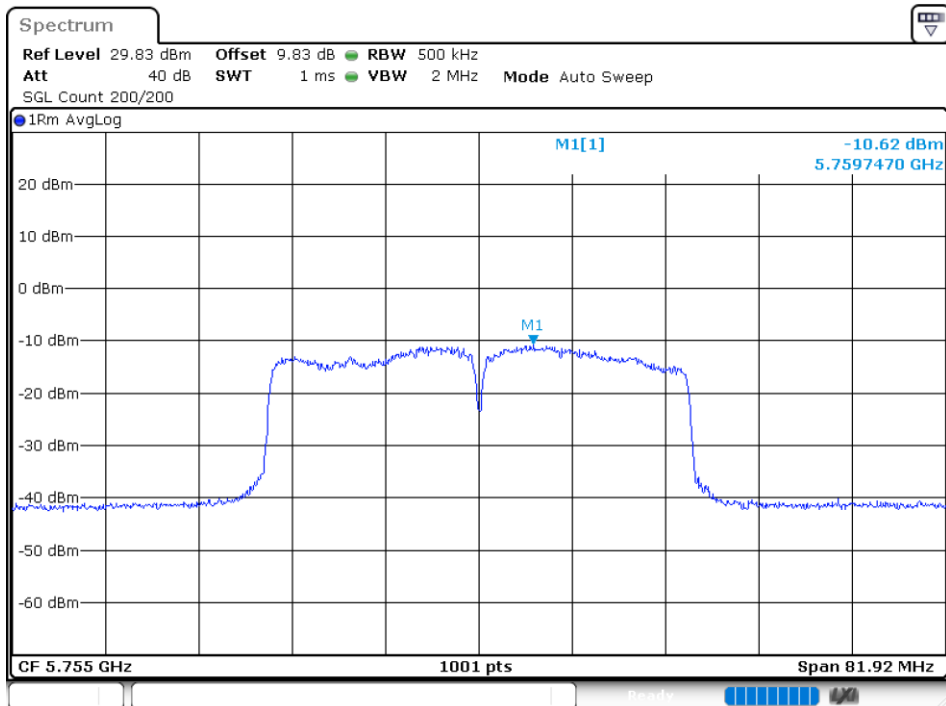
PSD NVNT 802.11ac20 5785MHz Ant1



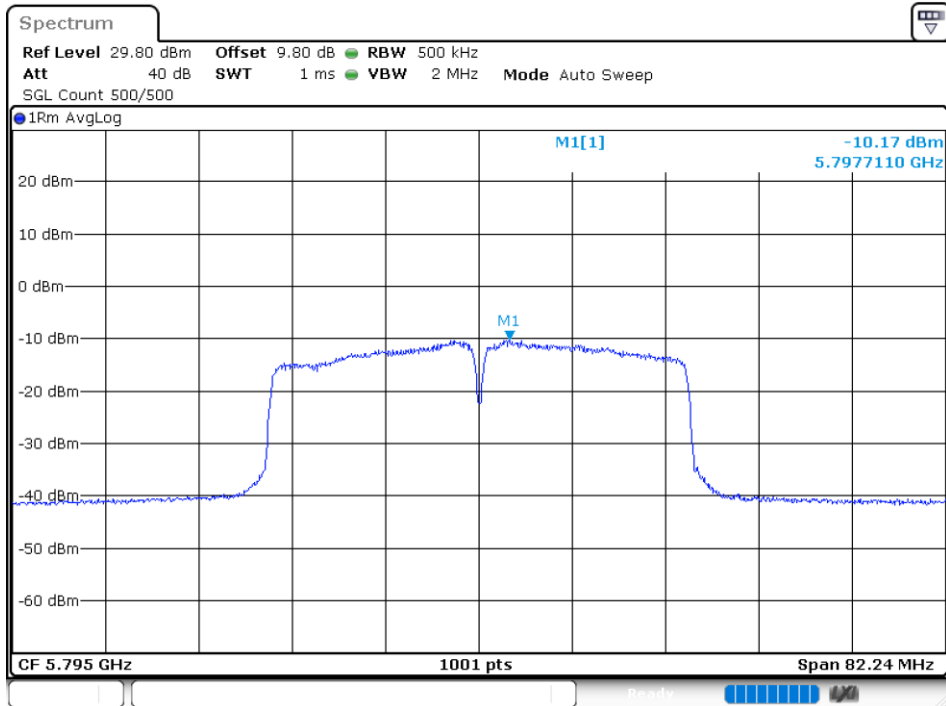
PSD NVNT 802.11ac20 5825MHz Ant1



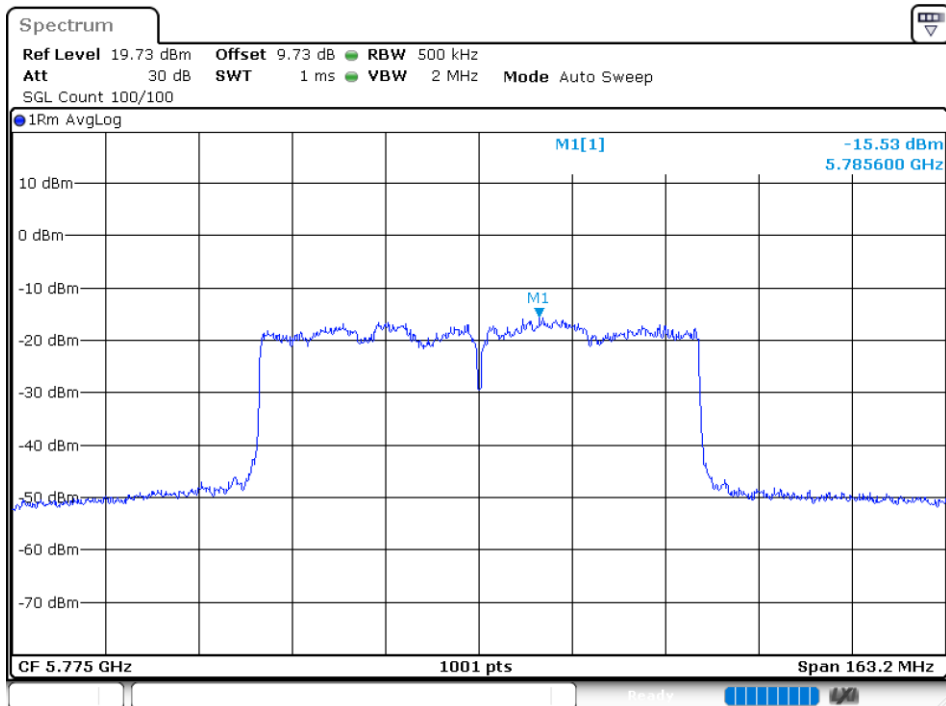
PSD NVNT 802.11ac40 5755MHz Ant1



PSD NVNT 802.11ac40 5795MHz Ant1

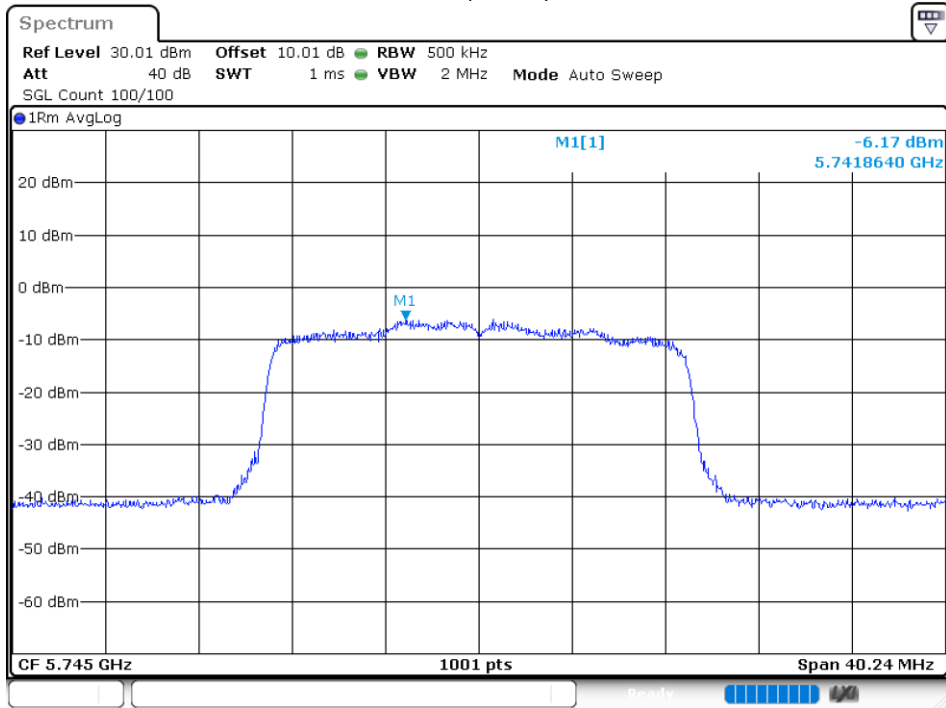


PSD NVNT 802.11ac80 5775MHz Ant1

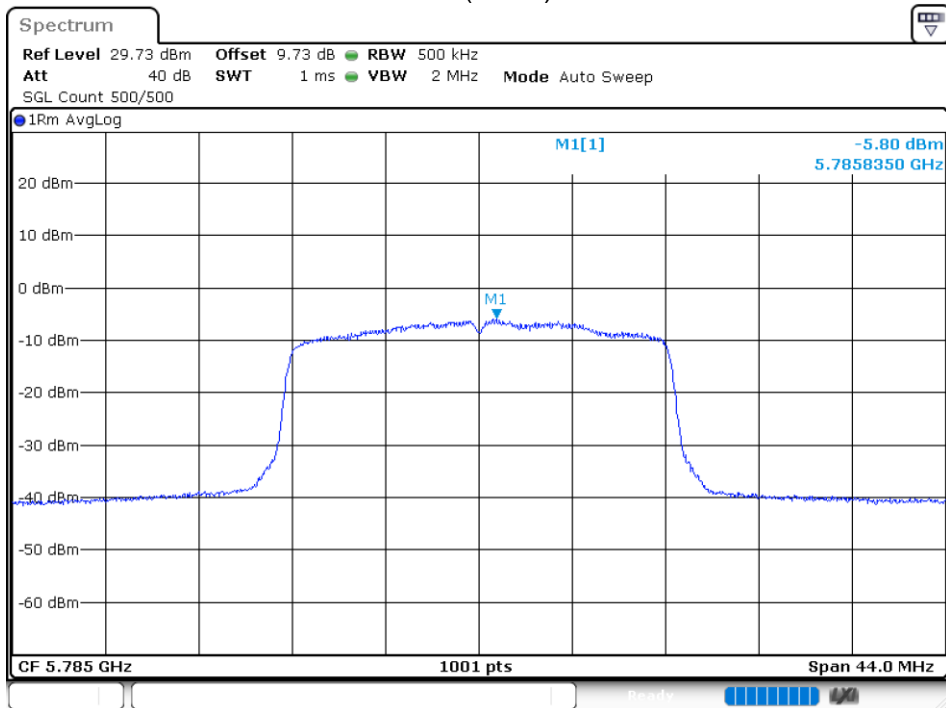




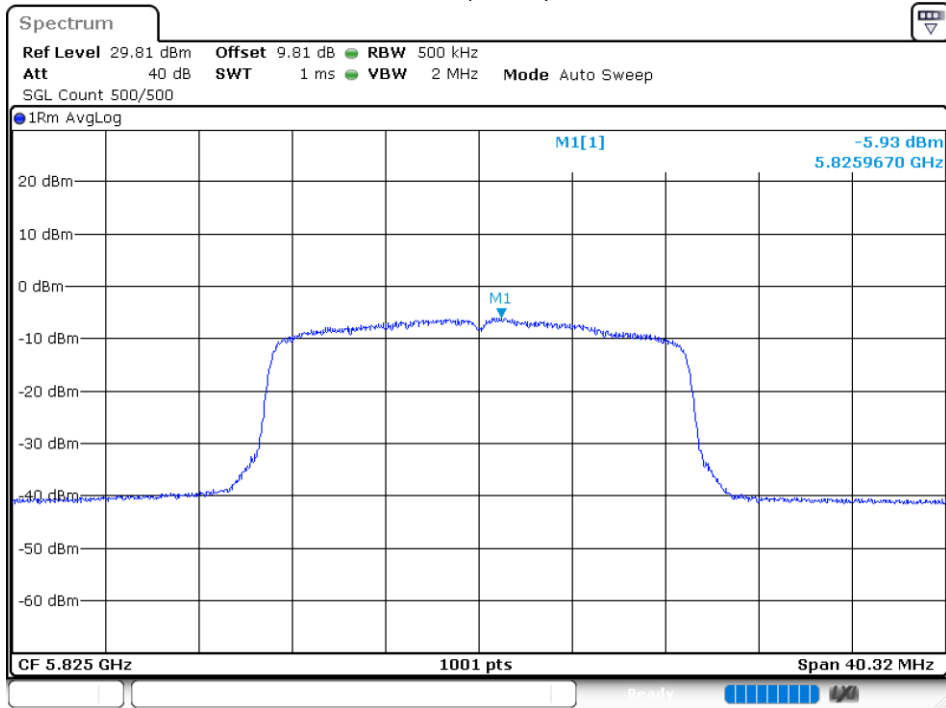
PSD NVNT 802.11n(HT20) 5745MHz Ant1



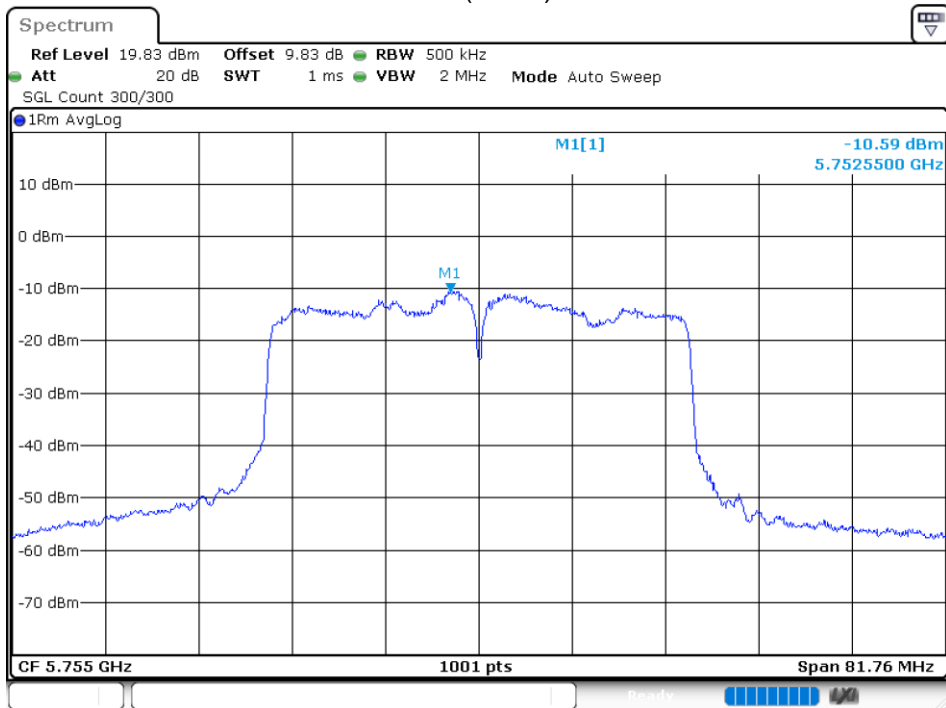
PSD NVNT 802.11n(HT20) 5785MHz Ant1



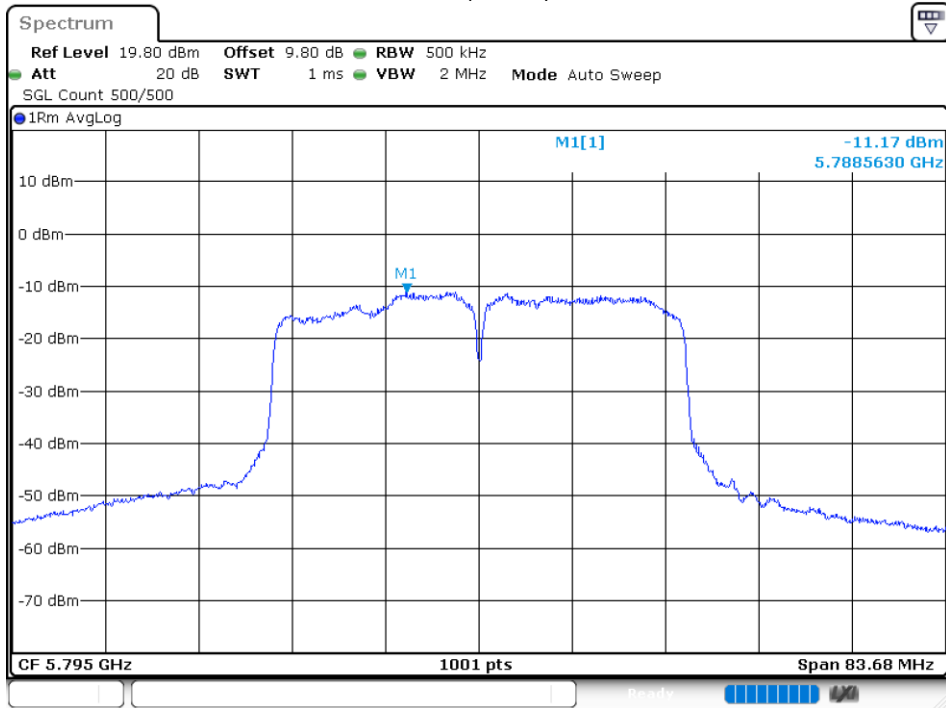
PSD NVNT 802.11n(HT20) 5825MHz Ant1



PSD NVNT 802.11n(HT40) 5755MHz Ant1



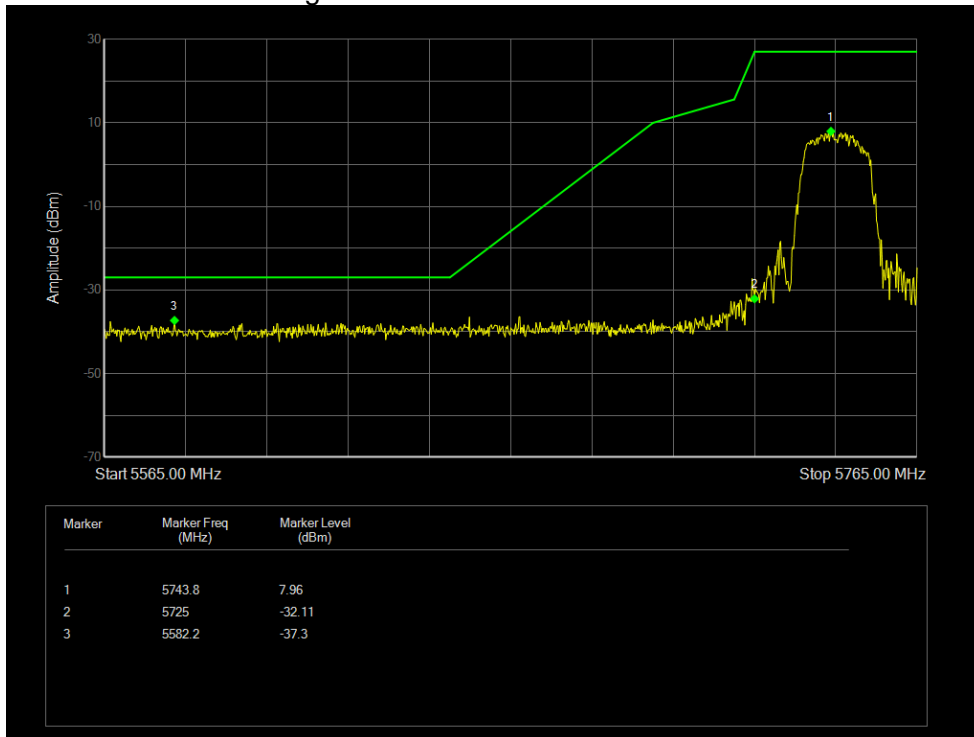
PSD NVNT 802.11n(HT40) 5795MHz Ant1



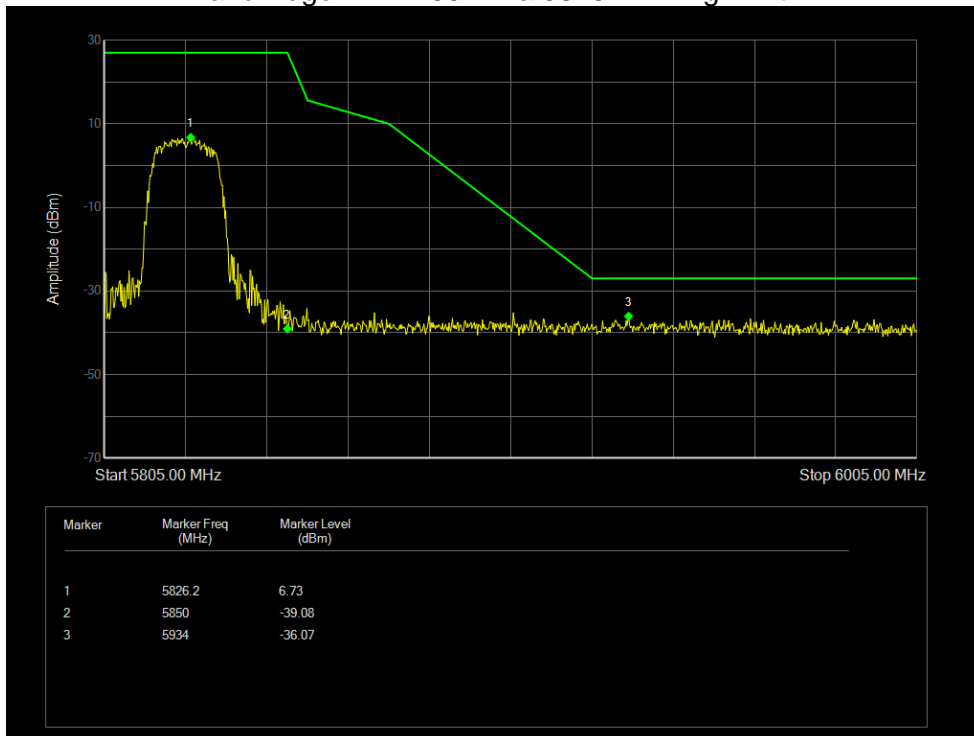
5.6 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-37.3	-27	Pass
NVNT	802.11a	5825	Ant 1	-36.07	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-37.05	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-36.03	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-36.99	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-35.46	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-38.71	-4.8	Pass
NVNT	802.11ac80	5775	Ant 1	-38.12	-22.41	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-36.07	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-36.1	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-37.71	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-35.58	-27	Pass

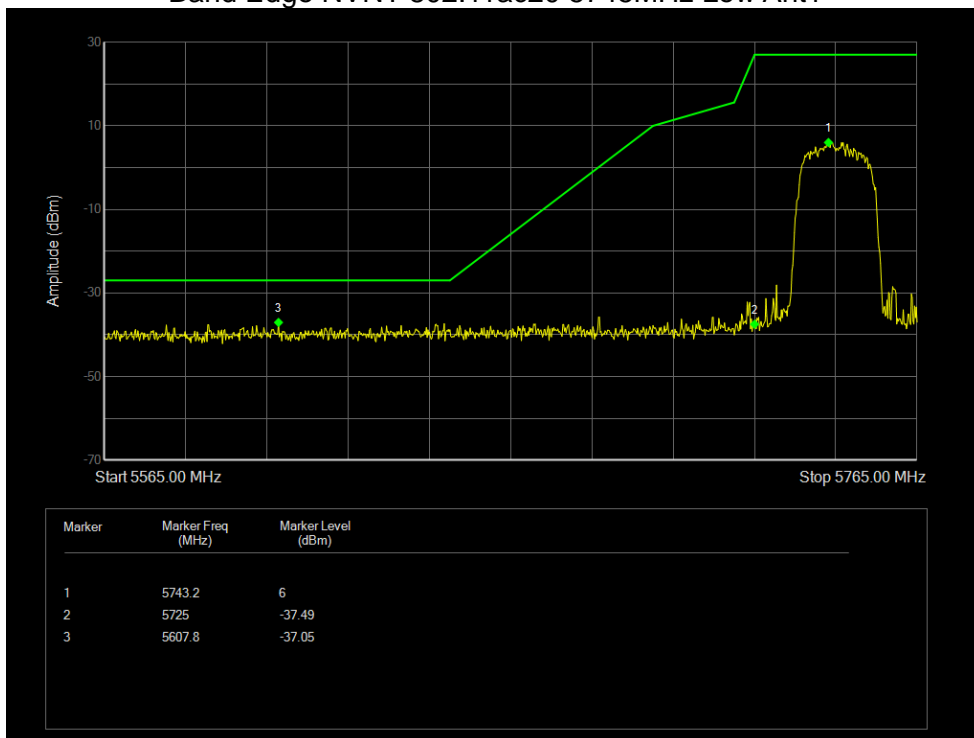
Band Edge NVNT 802.11a 5745MHz Low Ant1



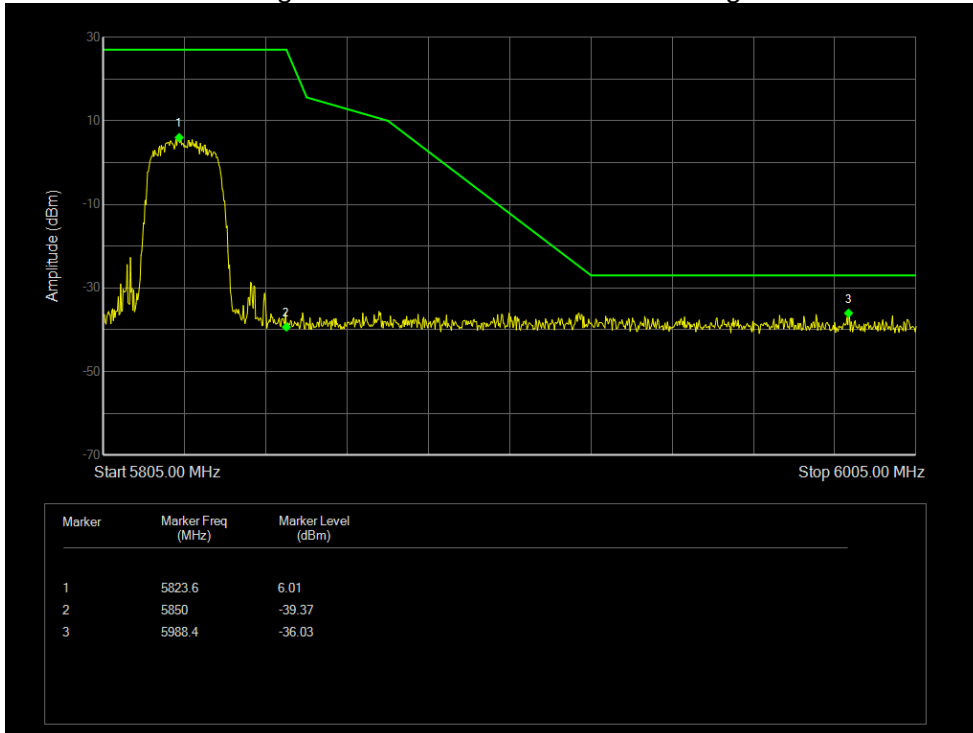
Band Edge NVNT 802.11a 5825MHz High Ant1



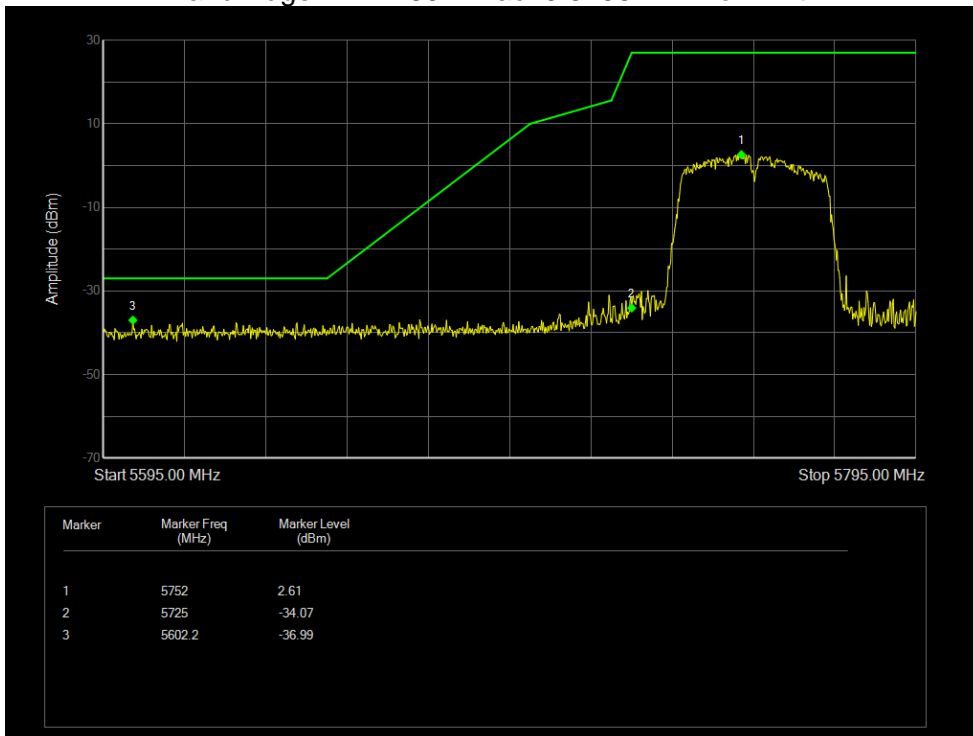
Band Edge NVNT 802.11ac20 5745MHz Low Ant1



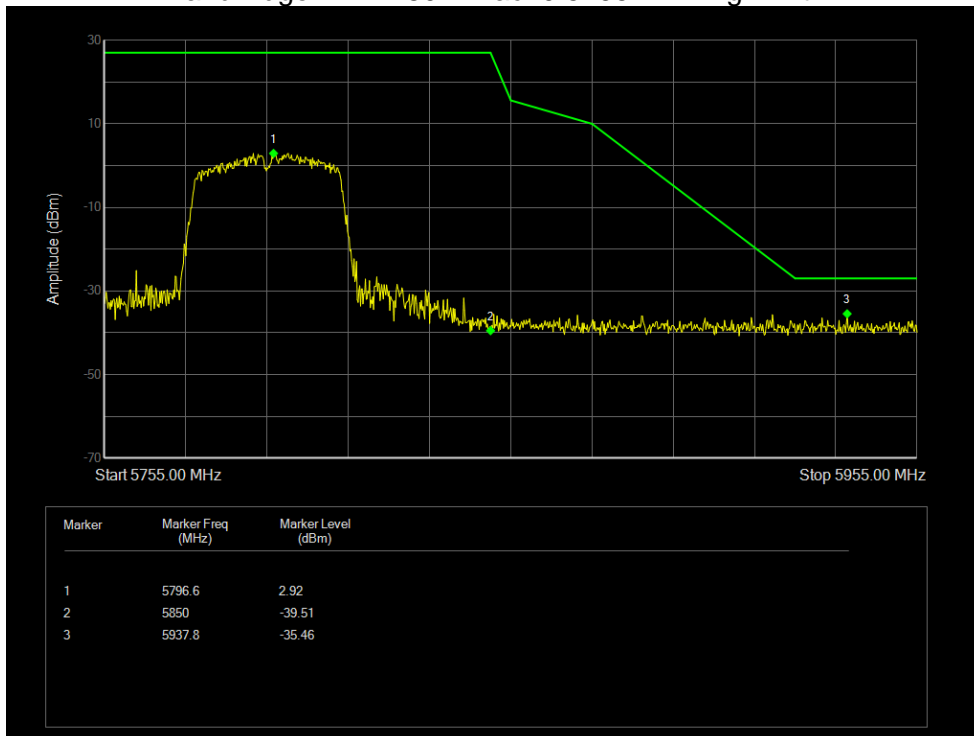
Band Edge NVNT 802.11ac20 5825MHz High Ant1



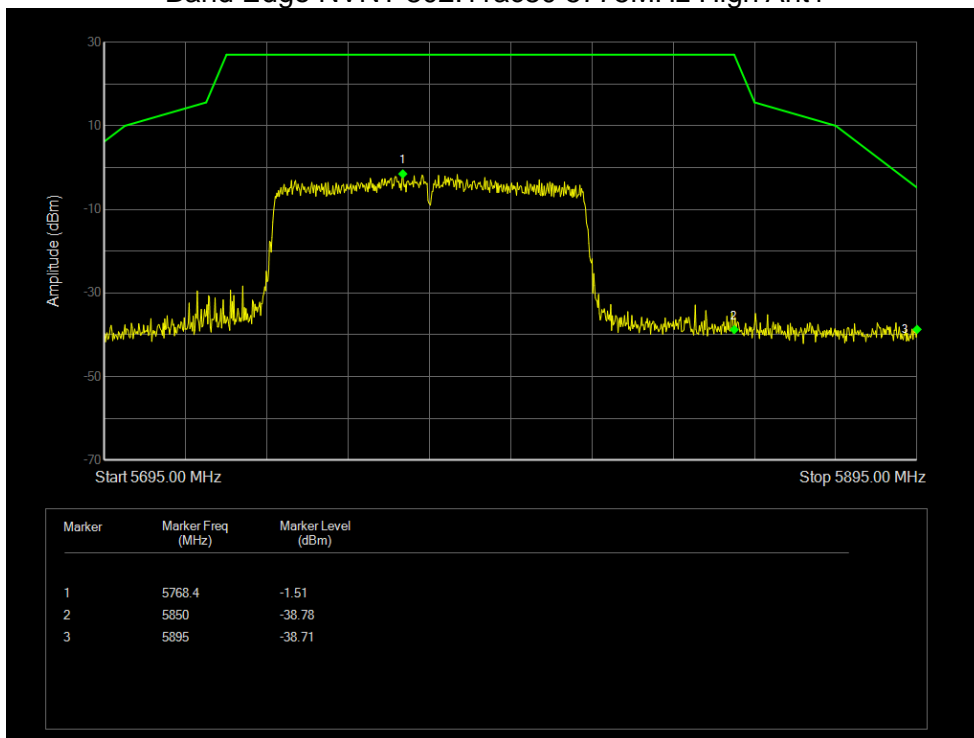
Band Edge NVNT 802.11ac40 5755MHz Low Ant1



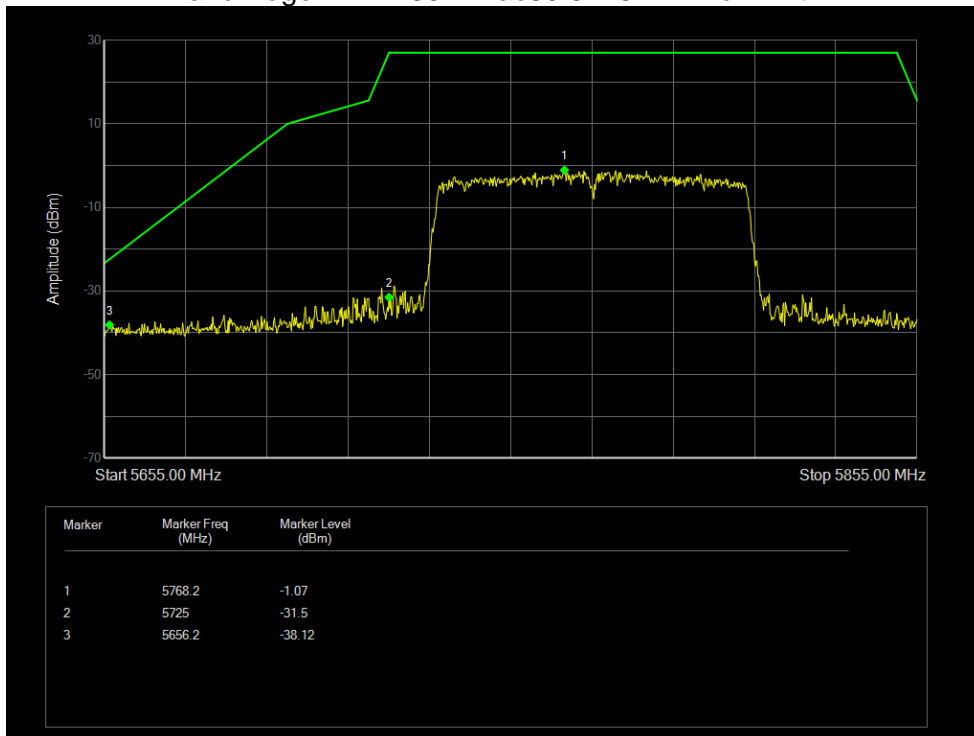
Band Edge NVNT 802.11ac40 5795MHz High Ant1



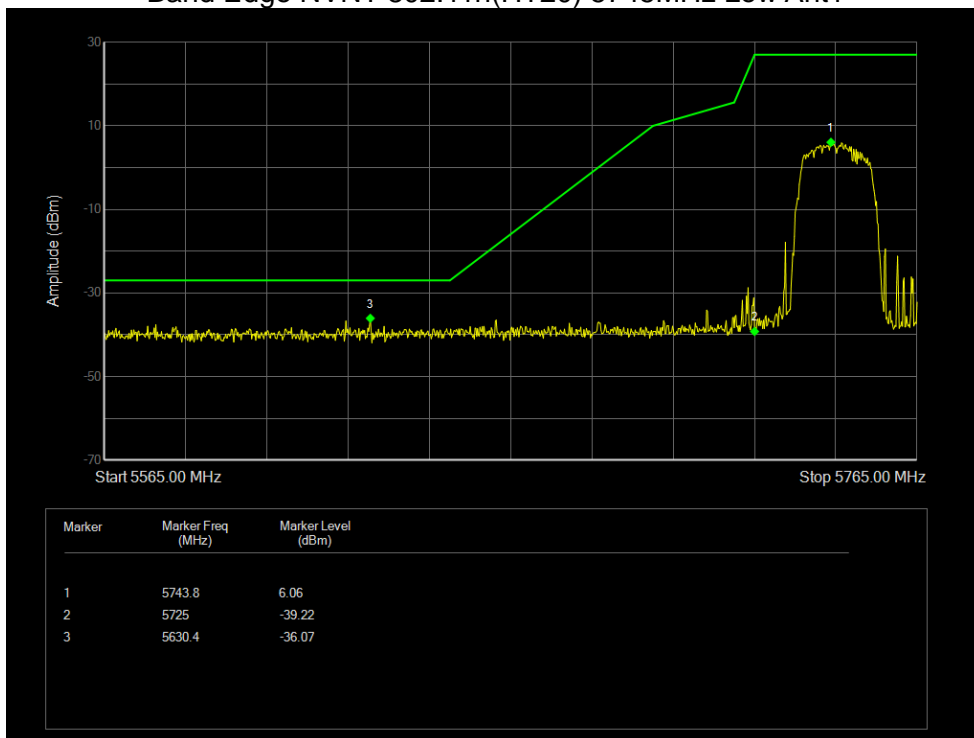
Band Edge NVNT 802.11ac80 5775MHz High Ant1



Band Edge NVNT 802.11ac80 5775MHz Low Ant1

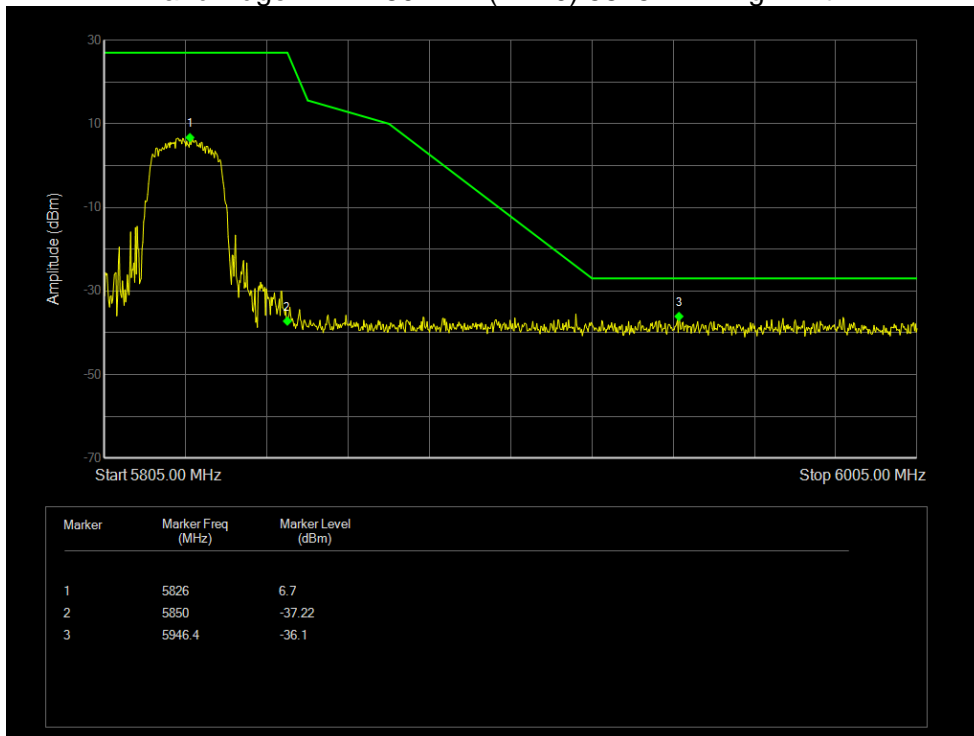


Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant1

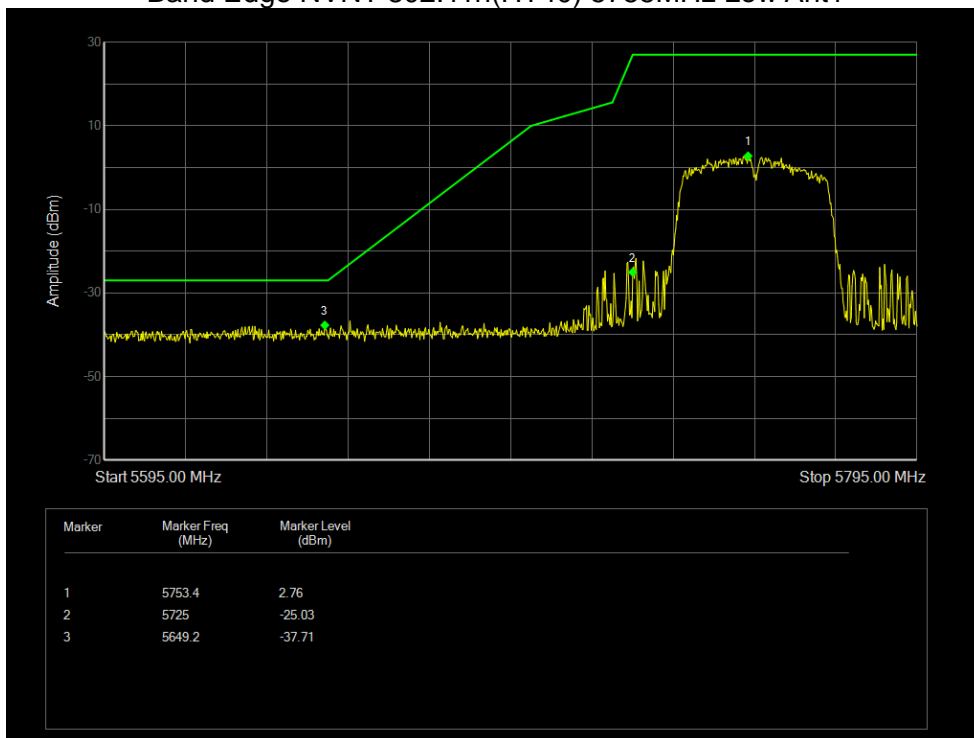




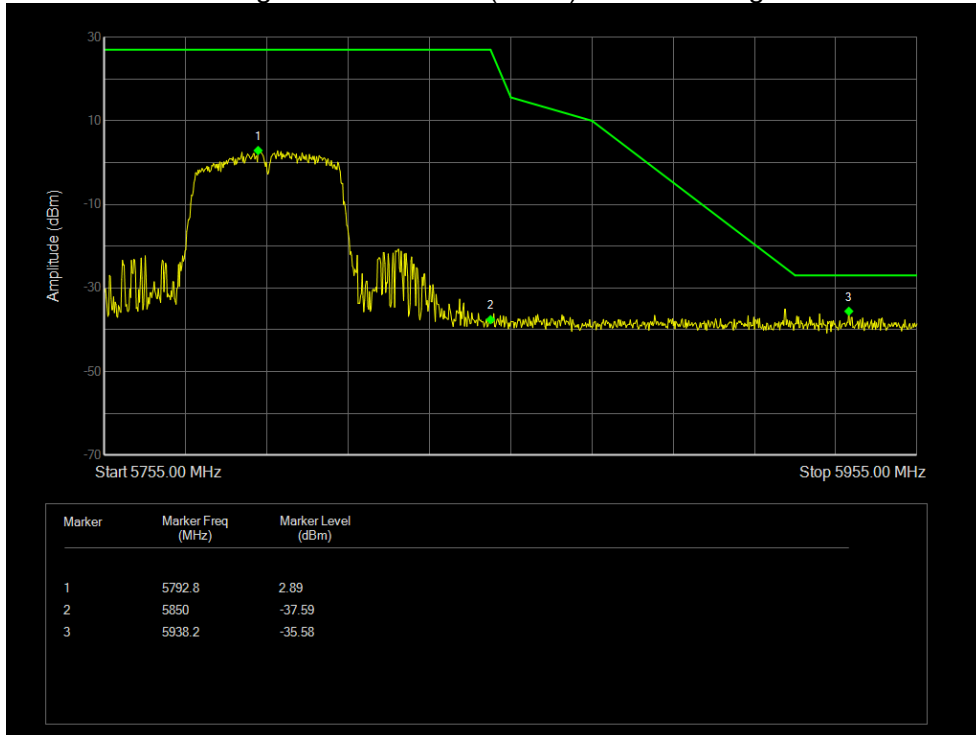
Band Edge NVNT 802.11n(HT20) 5825MHz High Ant1



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



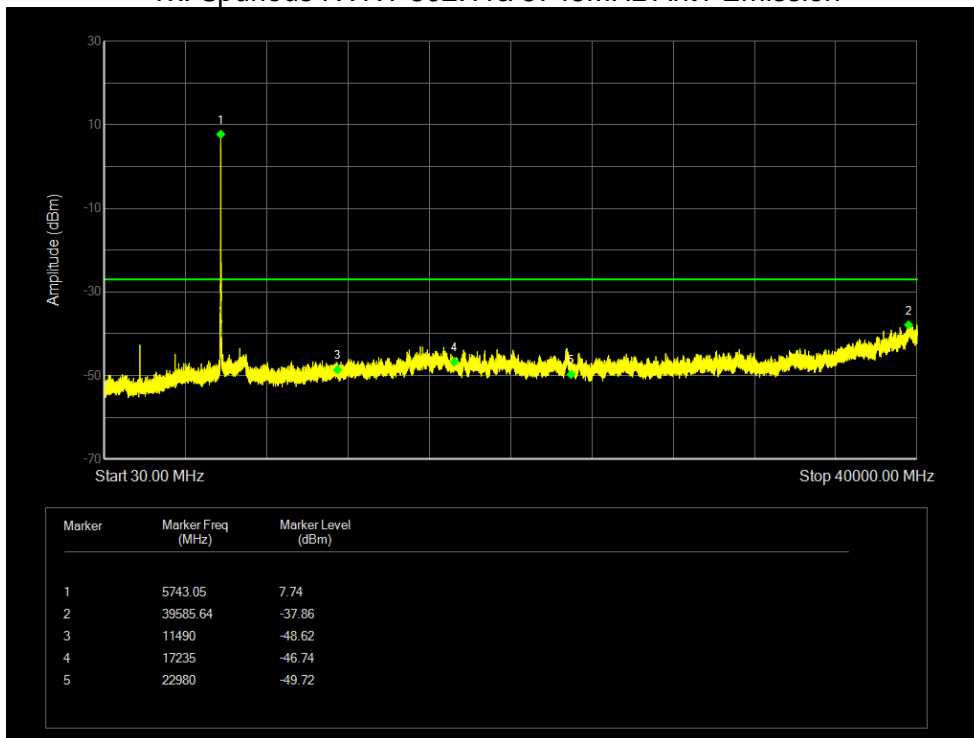
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant1



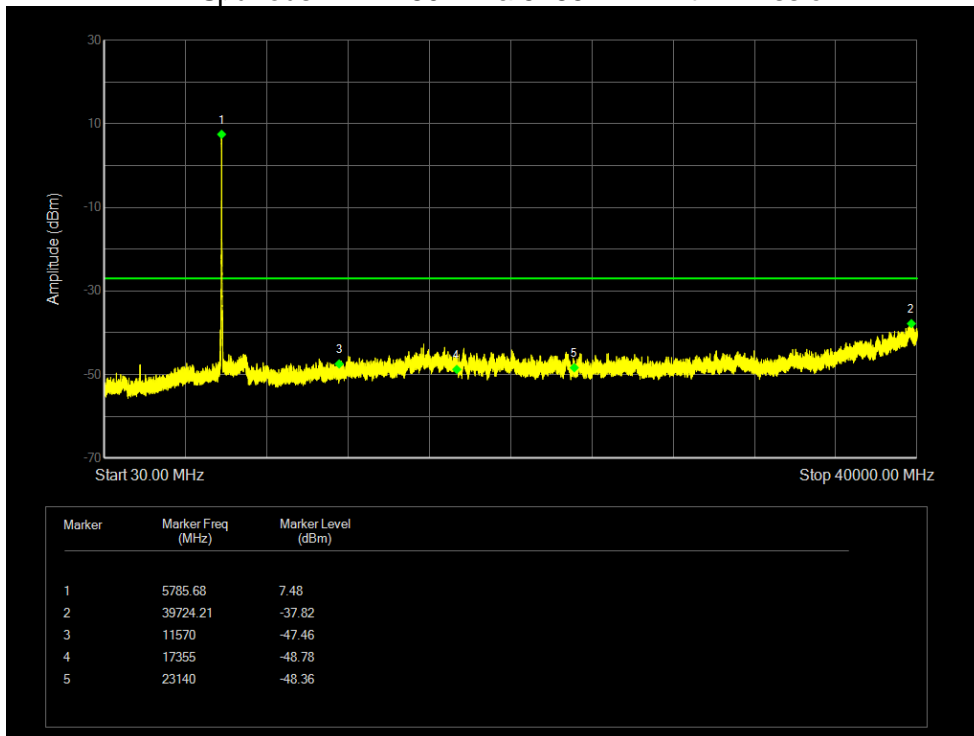
**5.7 CONDUCTED RF SPURIOUS EMISSION**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5745	Ant 1	-37.86	-27	Pass
NVNT	802.11a	5785	Ant 1	-37.82	-27	Pass
NVNT	802.11a	5825	Ant 1	-37.56	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-37	-27	Pass
NVNT	802.11ac20	5785	Ant 1	-37.97	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-37.93	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-38.05	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-37.73	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-36.58	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-37.5	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-36.74	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-37.44	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-37.88	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-37.91	-27	Pass

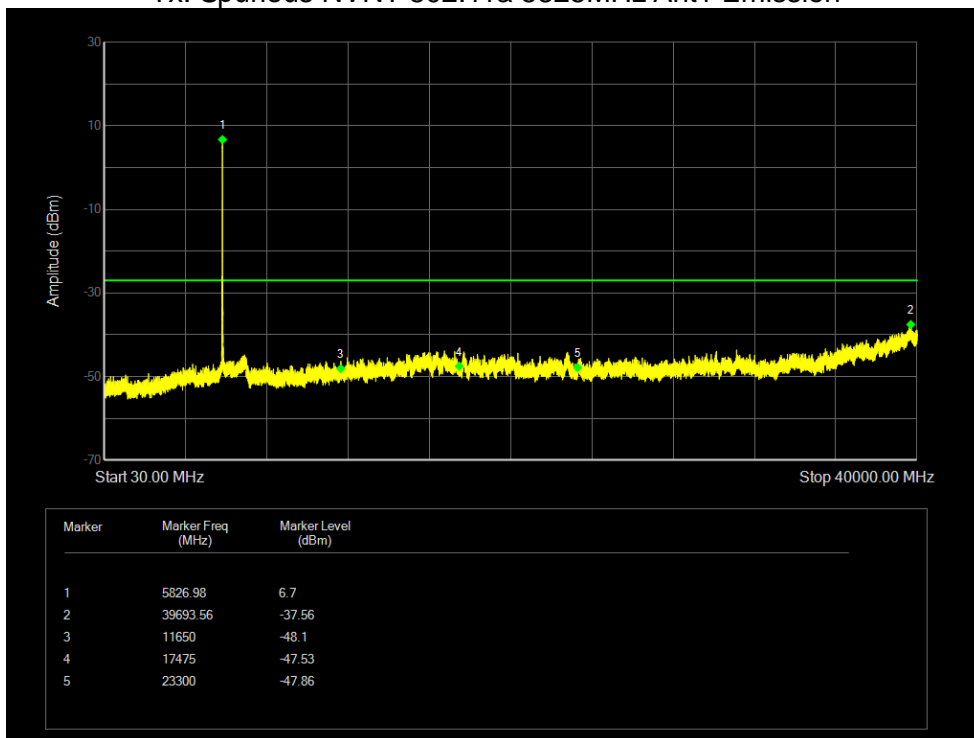
Tx. Spurious NVNT 802.11a 5745MHz Ant1 Emission



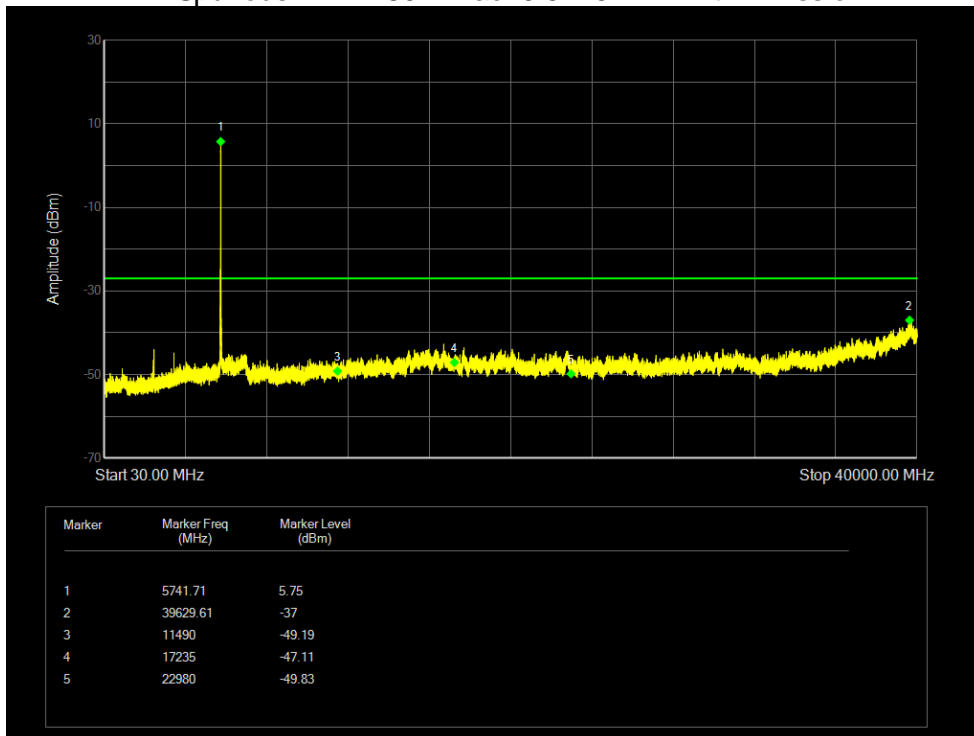
Tx. Spurious NVNT 802.11a 5785MHz Ant1 Emission



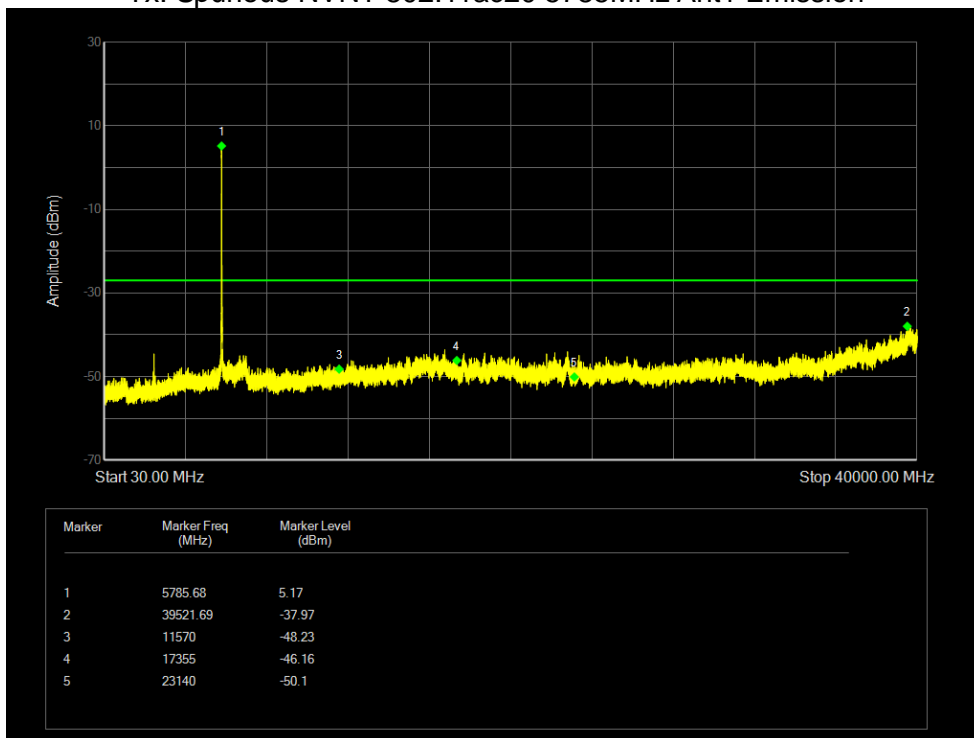
Tx. Spurious NVNT 802.11a 5825MHz Ant1 Emission



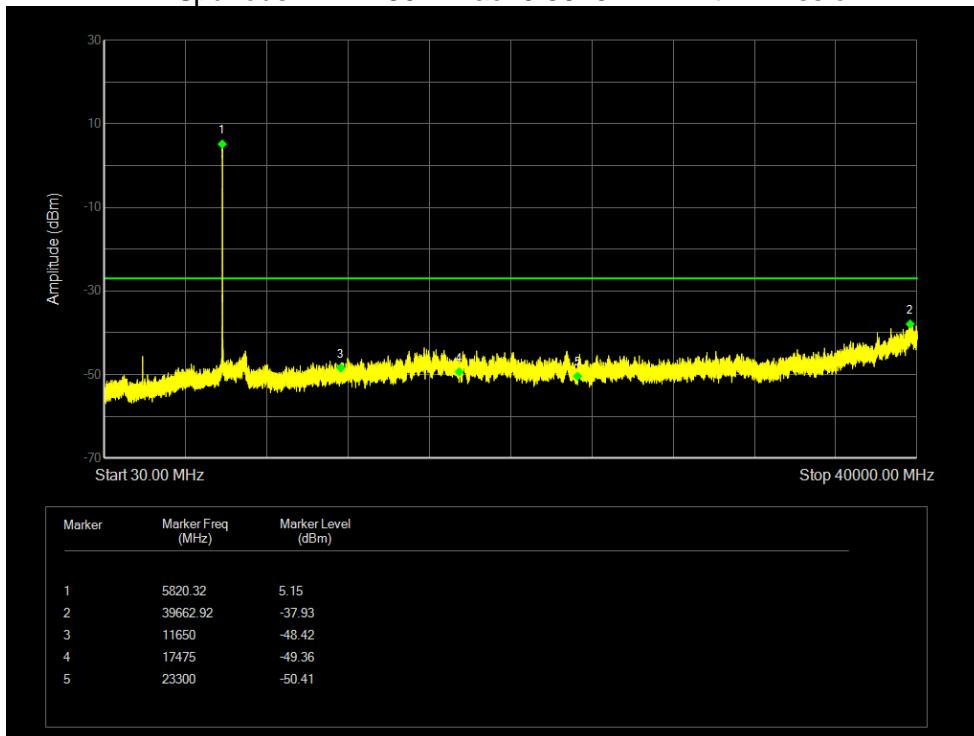
Tx. Spurious NVNT 802.11ac20 5745MHz Ant1 Emission



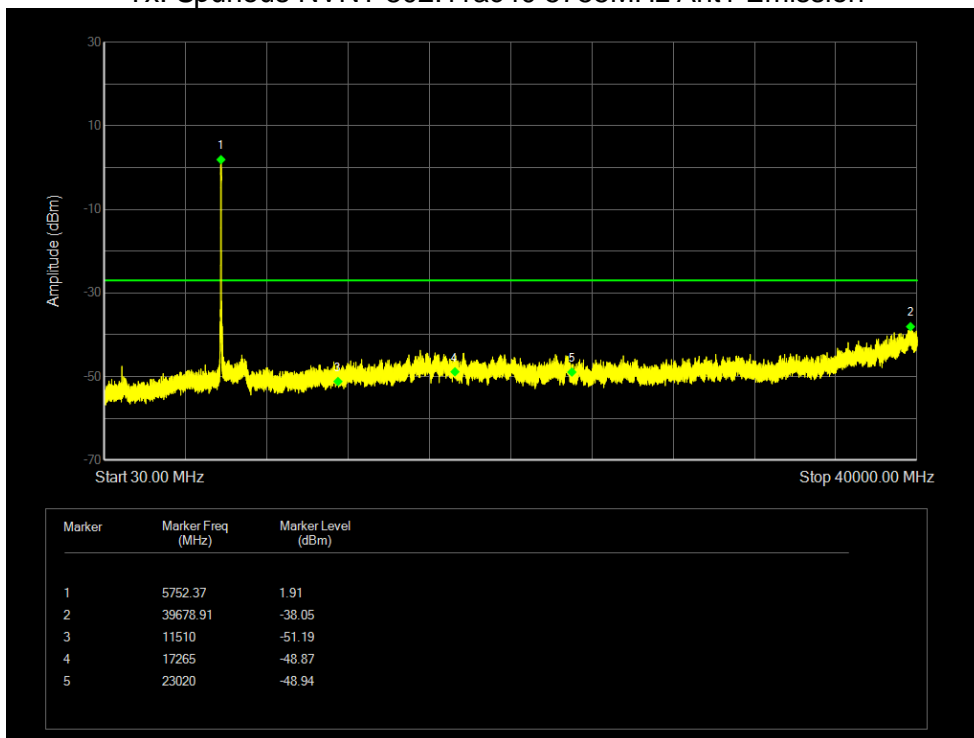
Tx. Spurious NVNT 802.11ac20 5785MHz Ant1 Emission



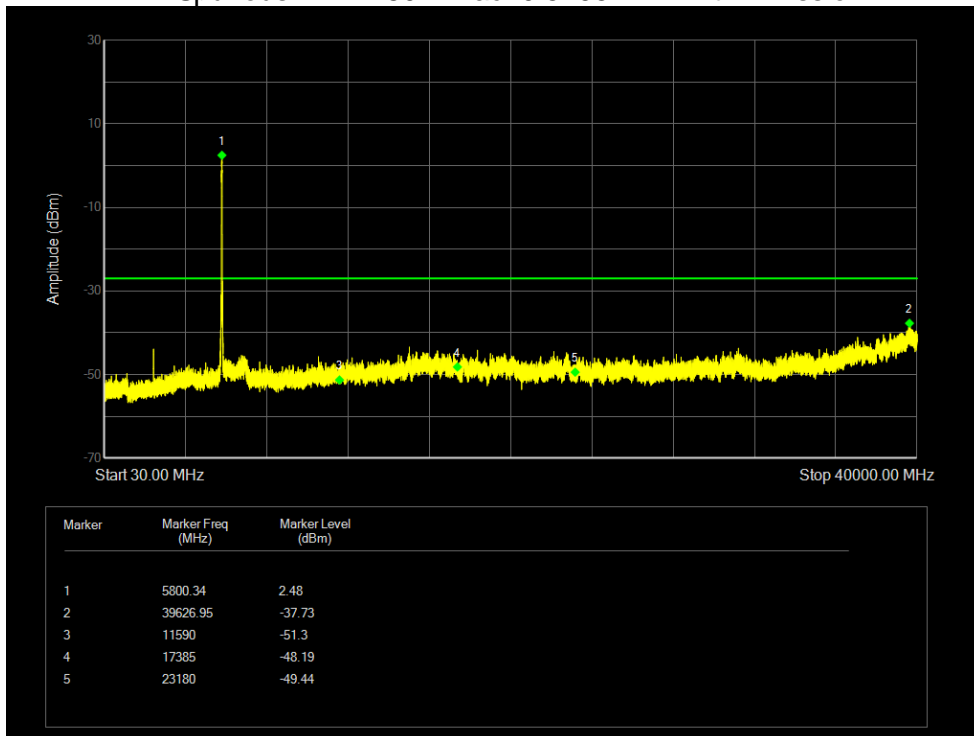
Tx. Spurious NVNT 802.11ac20 5825MHz Ant1 Emission



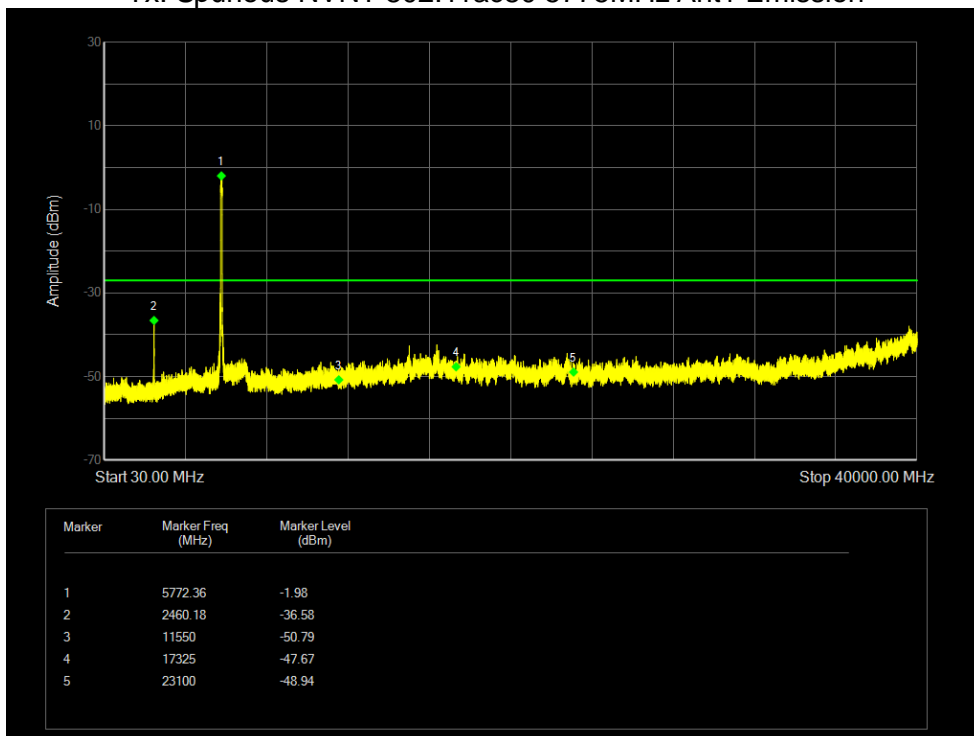
Tx. Spurious NVNT 802.11ac40 5755MHz Ant1 Emission



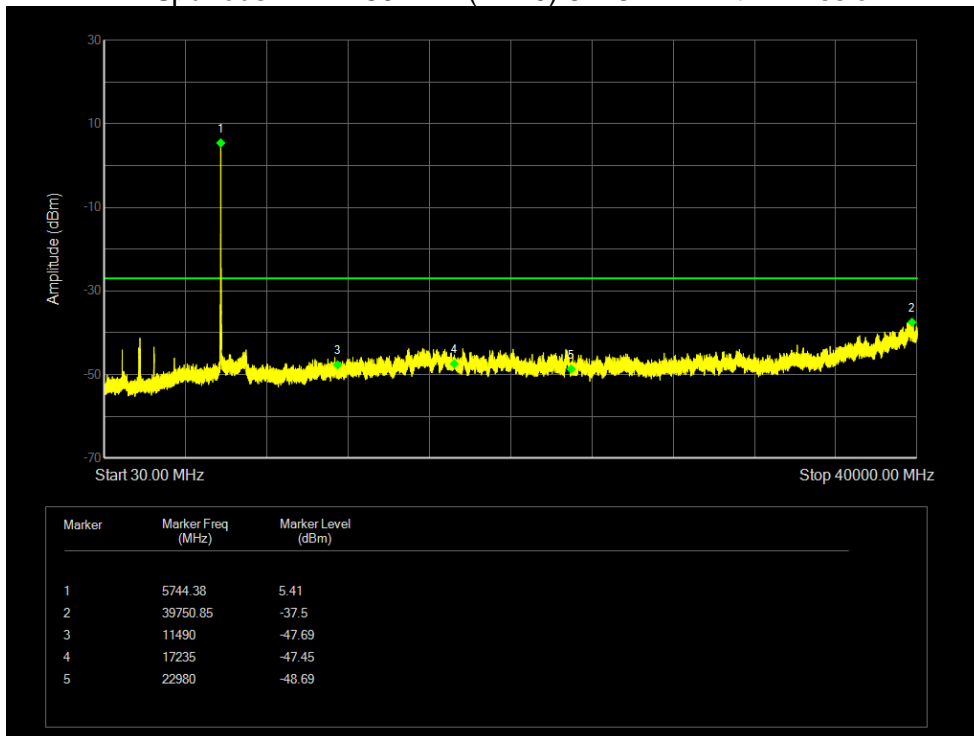
Tx. Spurious NVNT 802.11ac40 5795MHz Ant1 Emission



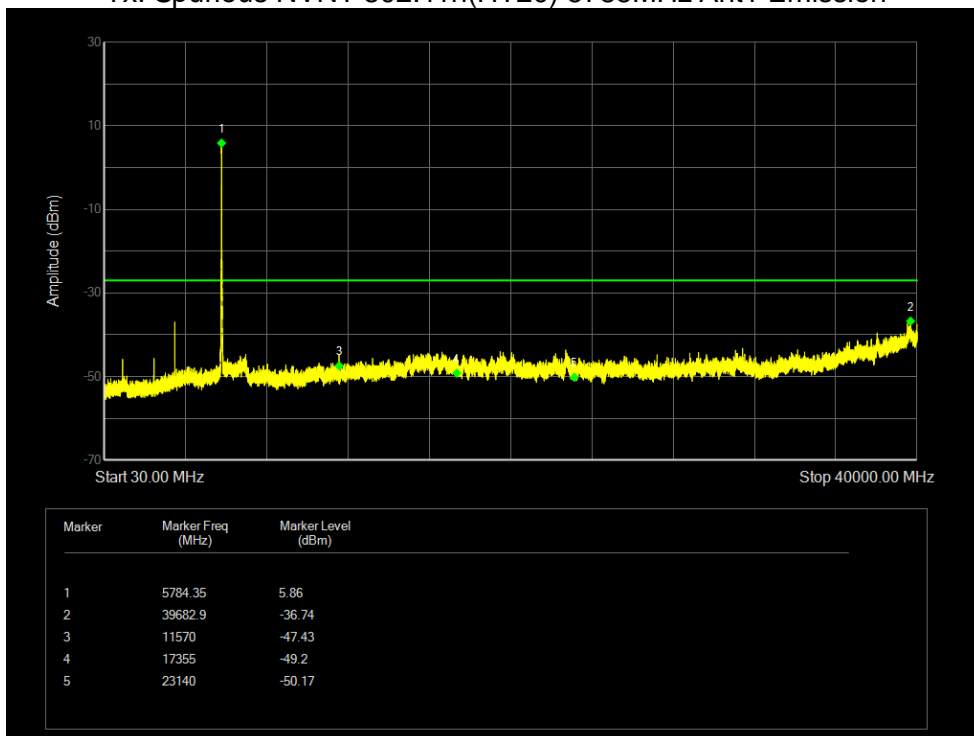
Tx. Spurious NVNT 802.11ac80 5775MHz Ant1 Emission



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

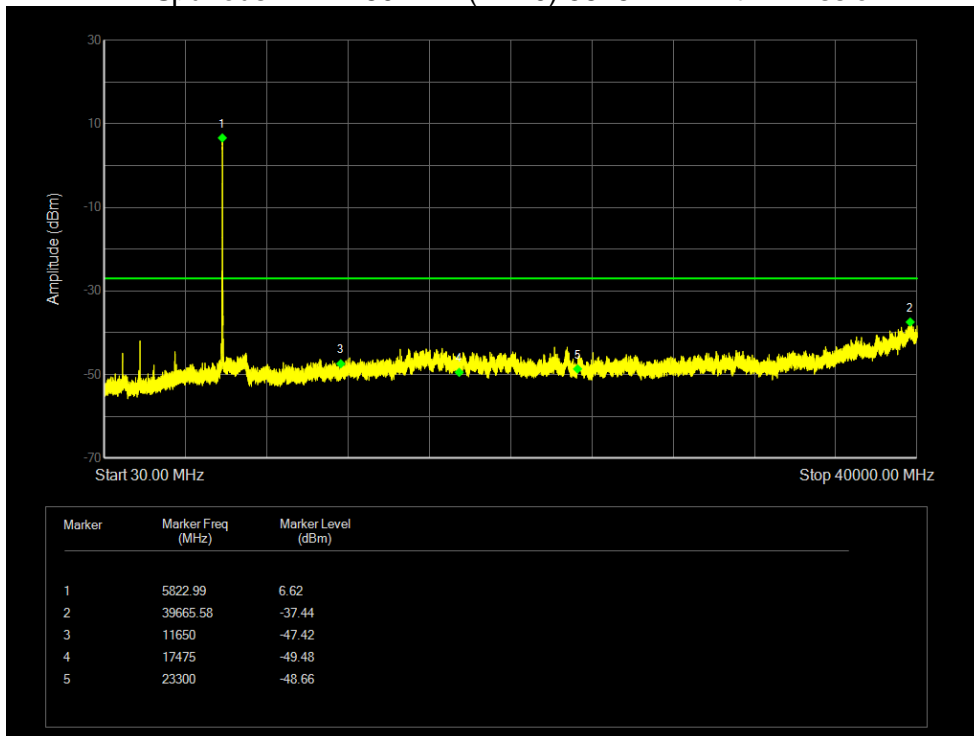


Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant1 Emission





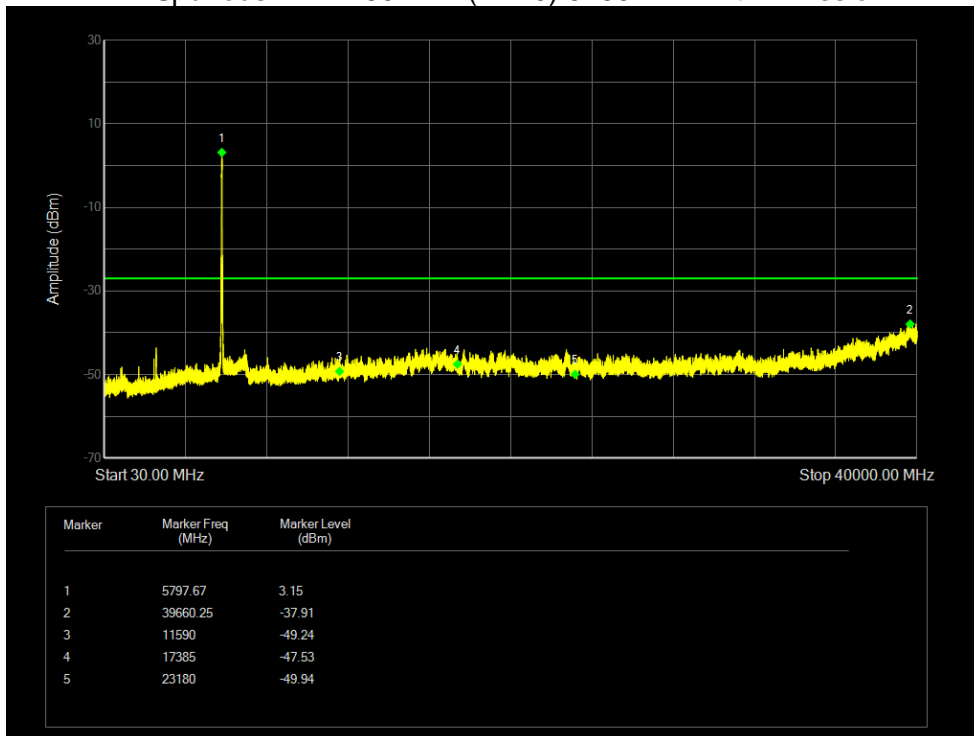
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant1 Emission



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



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



END OF REPORT