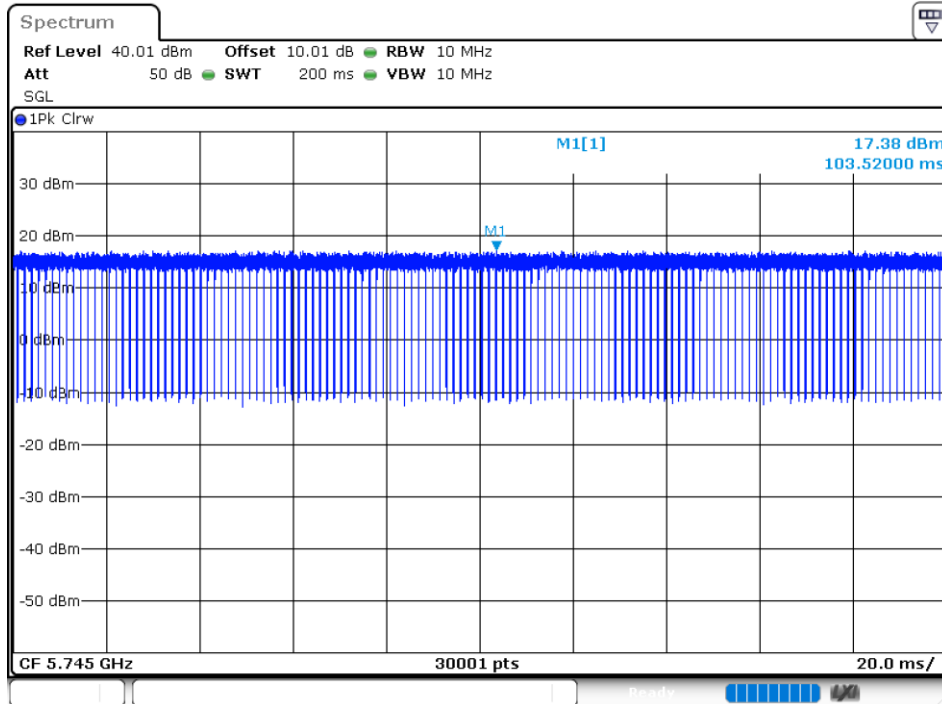


**5.8G WIFI**

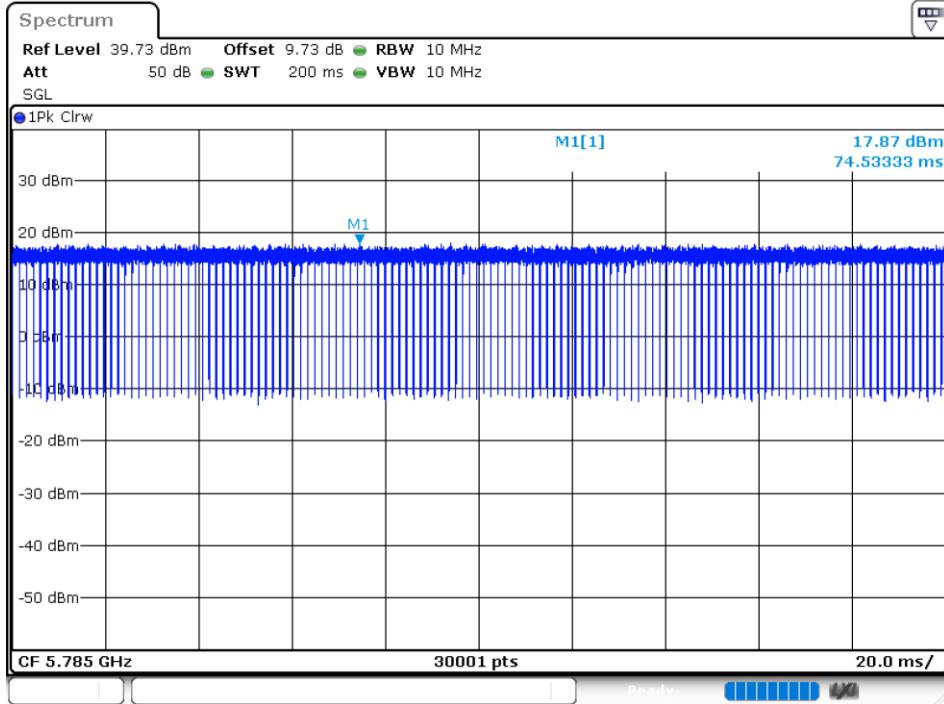
**5.2.1 DUTY CYCLE**

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11a	5745	90.99	0.41
NVNT	802.11a	5785	90.95	0.41
NVNT	802.11a	5825	90.8	0.42
NVNT	802.11ac20	5745	89.23	0.5
NVNT	802.11ac20	5785	89.18	0.5
NVNT	802.11ac20	5825	89.24	0.49
NVNT	802.11ac40	5755	81	0.91
NVNT	802.11ac40	5795	81.05	0.91
NVNT	802.11ac80	5775	68.65	1.63
NVNT	802.11n(HT20)	5745	89.28	0.49
NVNT	802.11n(HT20)	5785	89.12	0.5
NVNT	802.11n(HT20)	5825	89.13	0.5
NVNT	802.11n(HT40)	5755	80.61	0.94
NVNT	802.11n(HT40)	5795	80.63	0.94

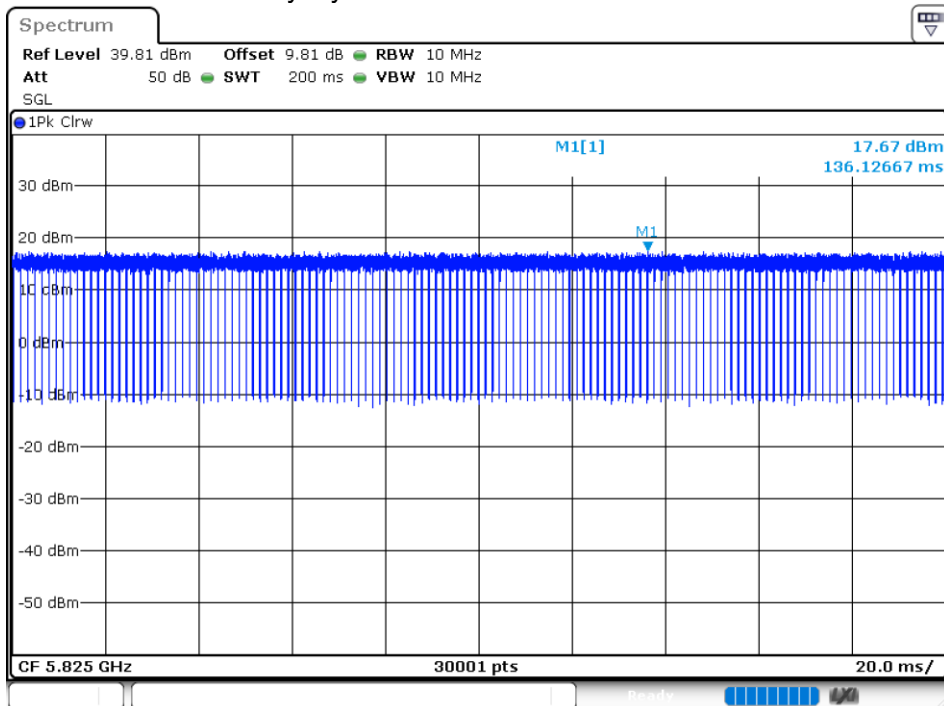
Duty Cycle NVNT 802.11a 5745MHz



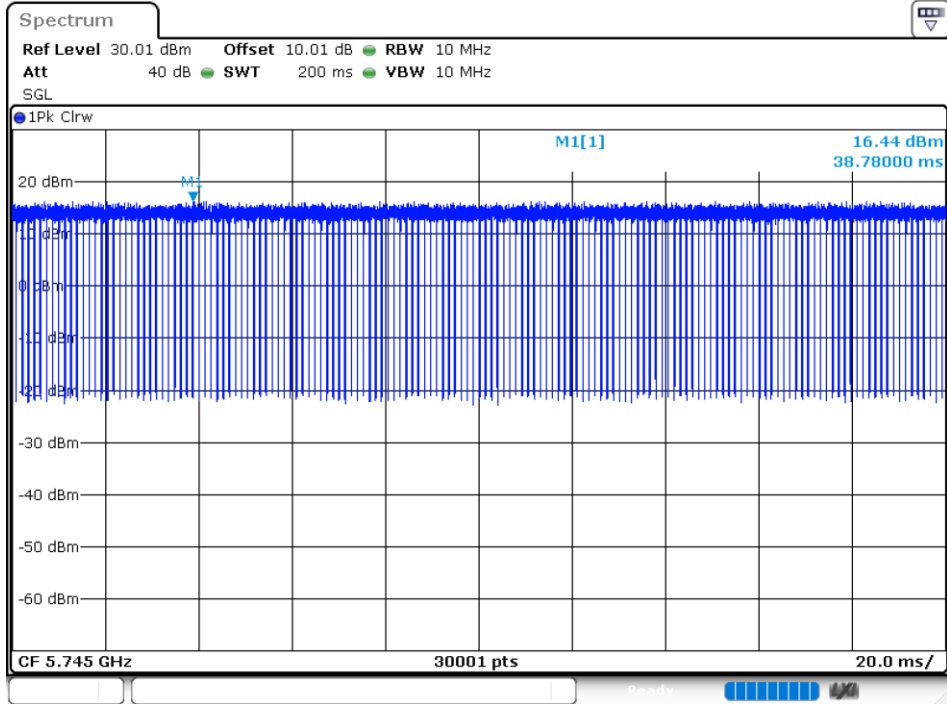
### Duty Cycle NVNT 802.11a 5785MHz



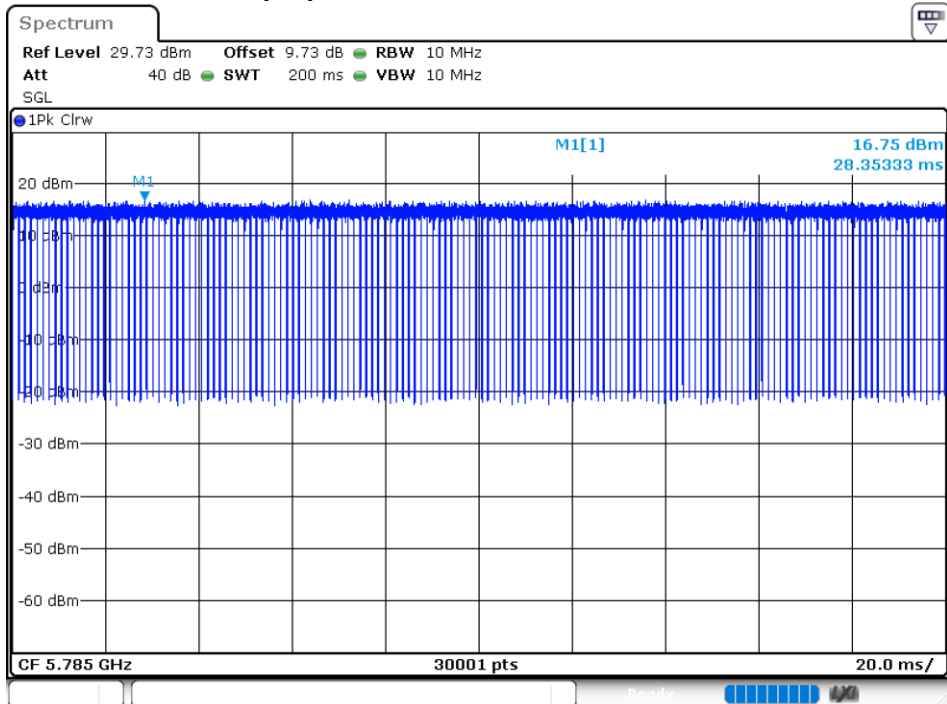
### Duty Cycle NVNT 802.11a 5825MHz



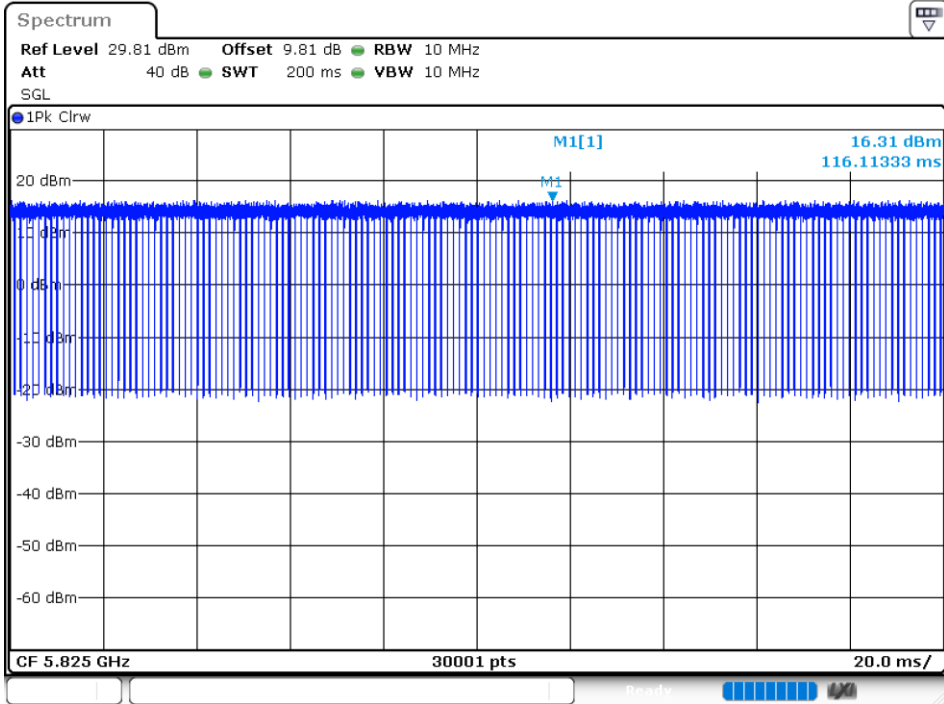
Duty Cycle NVNT 802.11ac20 5745MHz



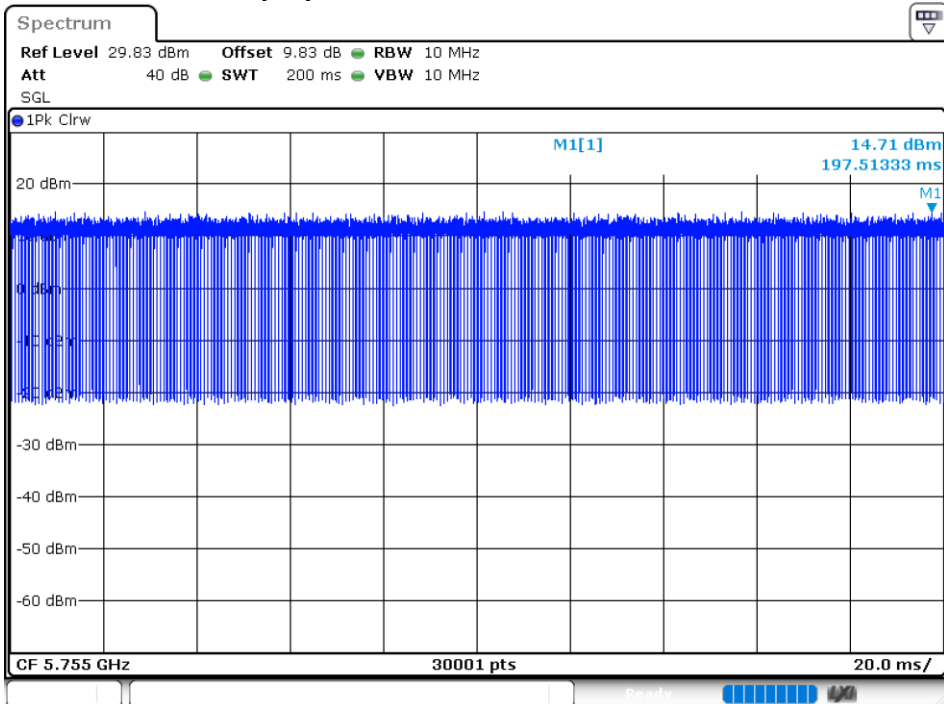
Duty Cycle NVNT 802.11ac20 5785MHz



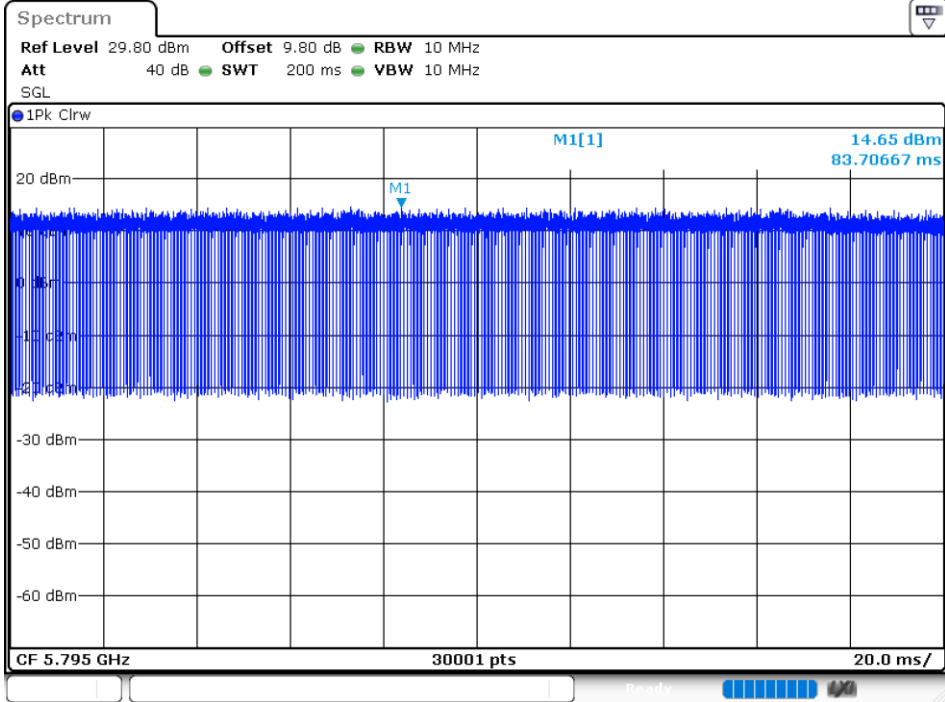
Duty Cycle NVNT 802.11ac20 5825MHz



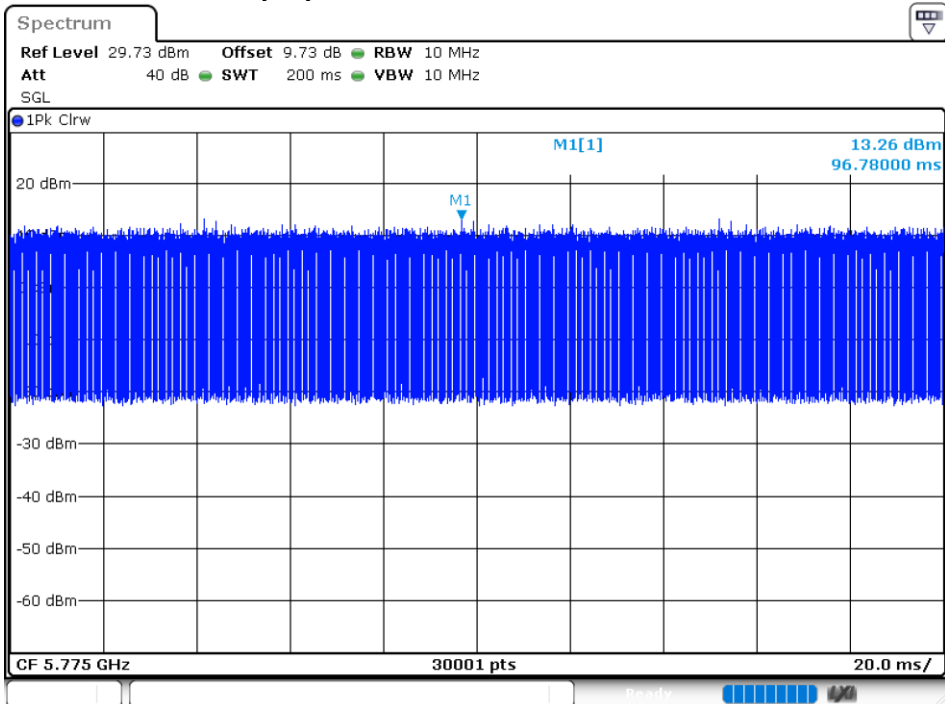
Duty Cycle NVNT 802.11ac40 5755MHz



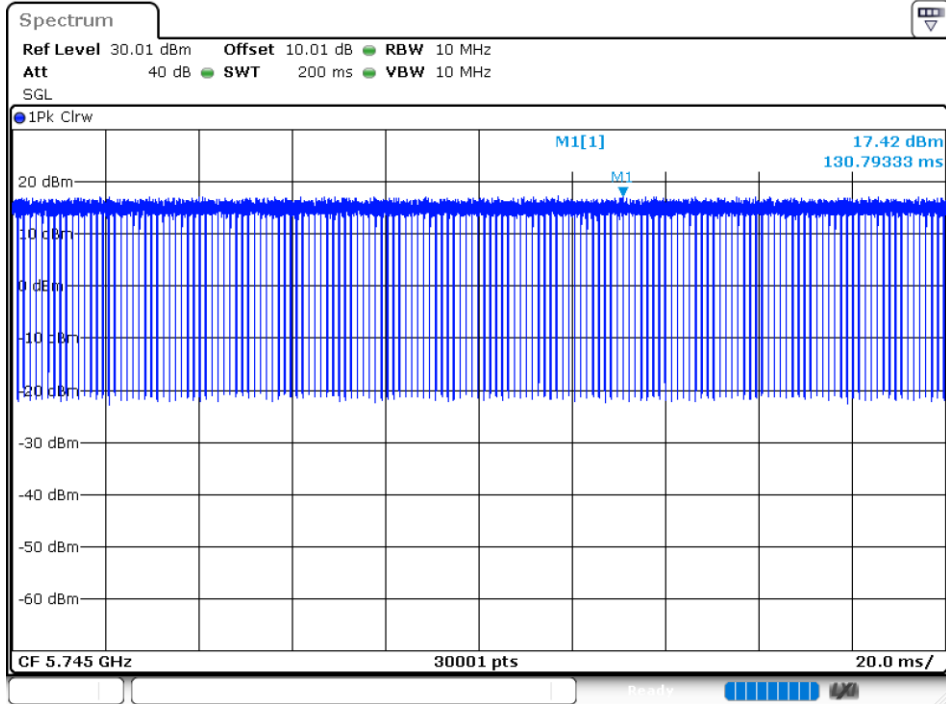
Duty Cycle NVNT 802.11ac40 5795MHz



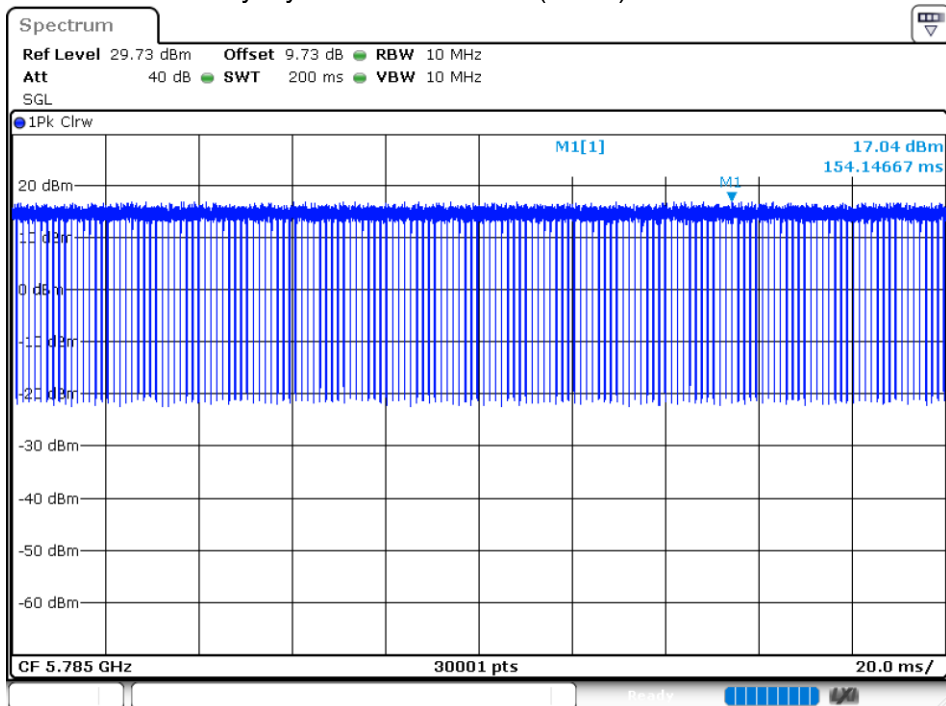
Duty Cycle NVNT 802.11ac80 5775MHz



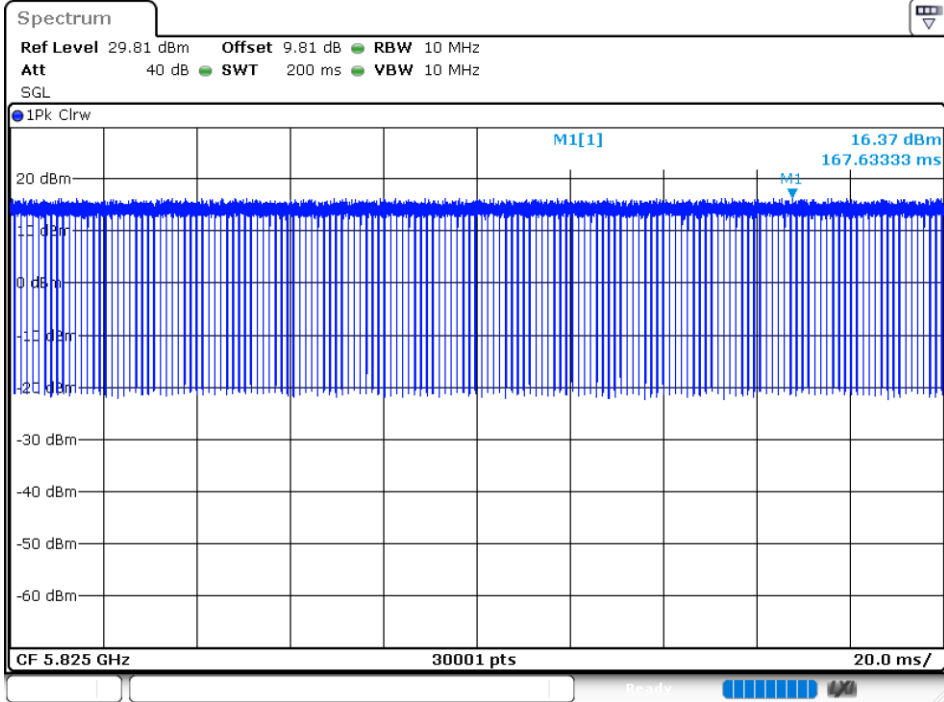
Duty Cycle NVNT 802.11n(HT20) 5745MHz



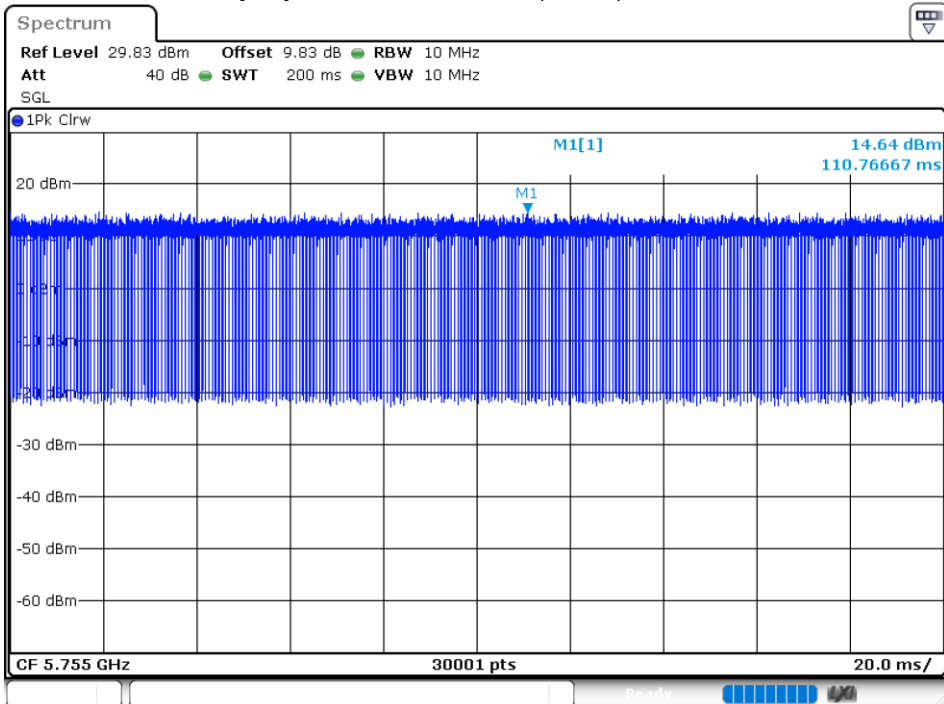
Duty Cycle NVNT 802.11n(HT20) 5785MHz



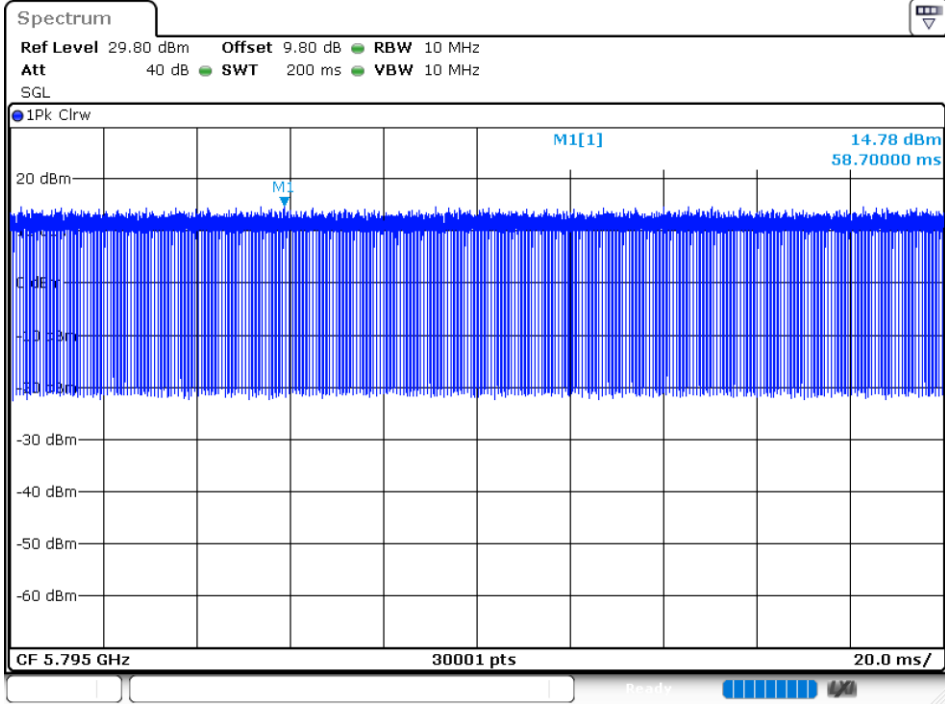
Duty Cycle NVNT 802.11n(HT20) 5825MHz



Duty Cycle NVNT 802.11n(HT40) 5755MHz



Duty Cycle NVNT 802.11n(HT40) 5795MHz





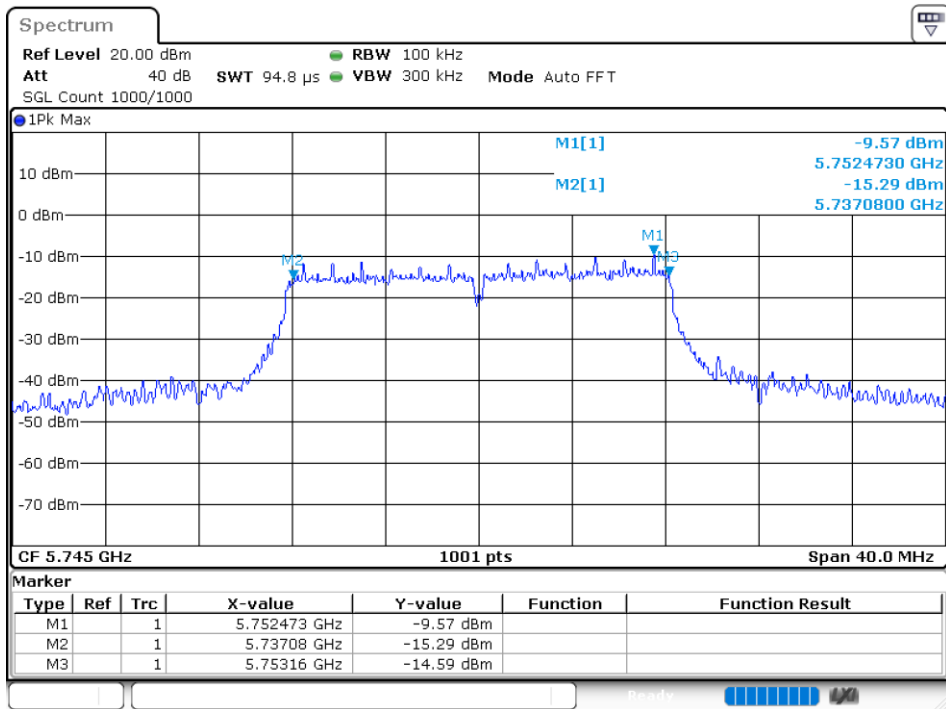
5.2.2 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	9.18	0.41	9.59	30	Pass
NVNT	802.11a	5785	Ant 1	9.89	0.41	10.3	30	Pass
NVNT	802.11a	5825	Ant 1	9.45	0.42	9.87	30	Pass
NVNT	802.11ac20	5745	Ant 1	8.4	0.5	8.9	30	Pass
NVNT	802.11ac20	5785	Ant 1	9.17	0.5	9.67	30	Pass
NVNT	802.11ac20	5825	Ant 1	8.67	0.49	9.16	30	Pass
NVNT	802.11ac40	5755	Ant 1	8.74	0.91	9.65	30	Pass
NVNT	802.11ac40	5795	Ant 1	8.78	0.91	9.69	30	Pass
NVNT	802.11ac80	5775	Ant 1	8.69	1.63	10.32	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	9.48	0.49	9.97	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	9.25	0.5	9.75	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	8.73	0.5	9.23	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	8.74	0.94	9.68	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	8.82	0.94	9.76	30	Pass

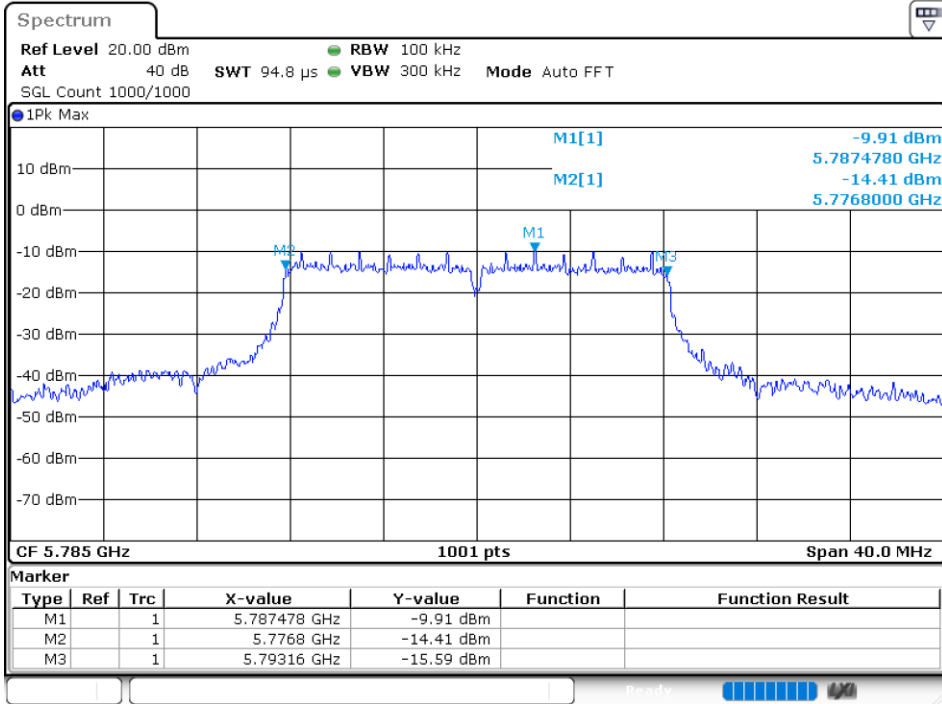
5.2.3 -6DB EMISSION BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	16.08	0.5	Pass
NVNT	802.11a	5785	Ant 1	16.36	0.5	Pass
NVNT	802.11a	5825	Ant 1	16.36	0.5	Pass
NVNT	802.11ac20	5745	Ant 1	17.12	0.5	Pass
NVNT	802.11ac20	5785	Ant 1	17.44	0.5	Pass
NVNT	802.11ac20	5825	Ant 1	17.4	0.5	Pass
NVNT	802.11ac40	5755	Ant 1	35.2	0.5	Pass
NVNT	802.11ac40	5795	Ant 1	36.24	0.5	Pass
NVNT	802.11ac80	5775	Ant 1	75.2	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 1	17.68	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 1	17.4	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 1	17.4	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 1	35.84	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 1	35.92	0.5	Pass

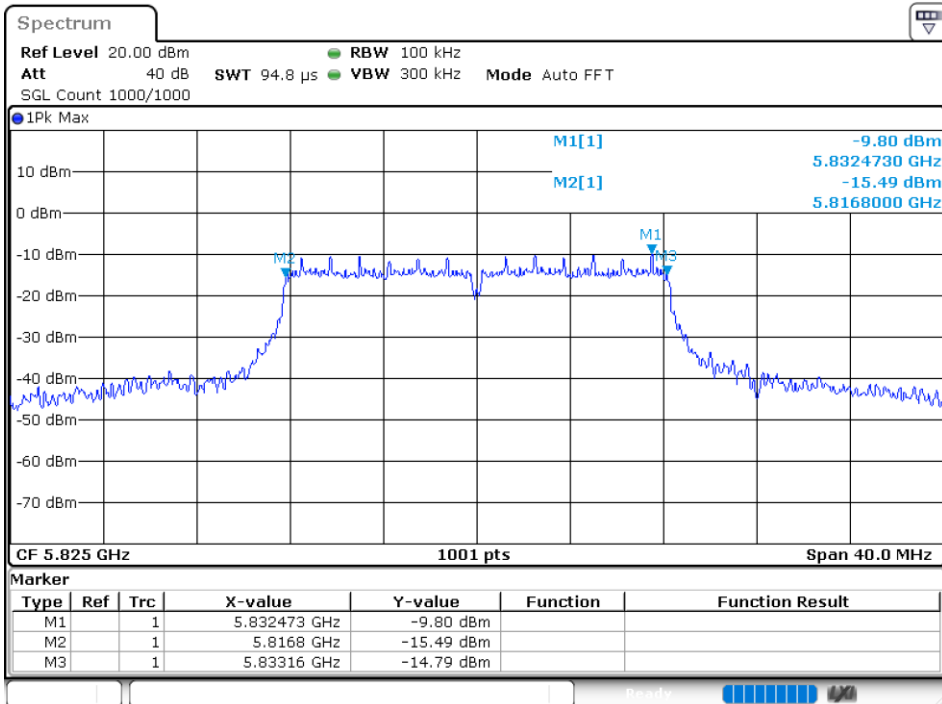
EBW NVNT 802.11a 5745MHz Ant1



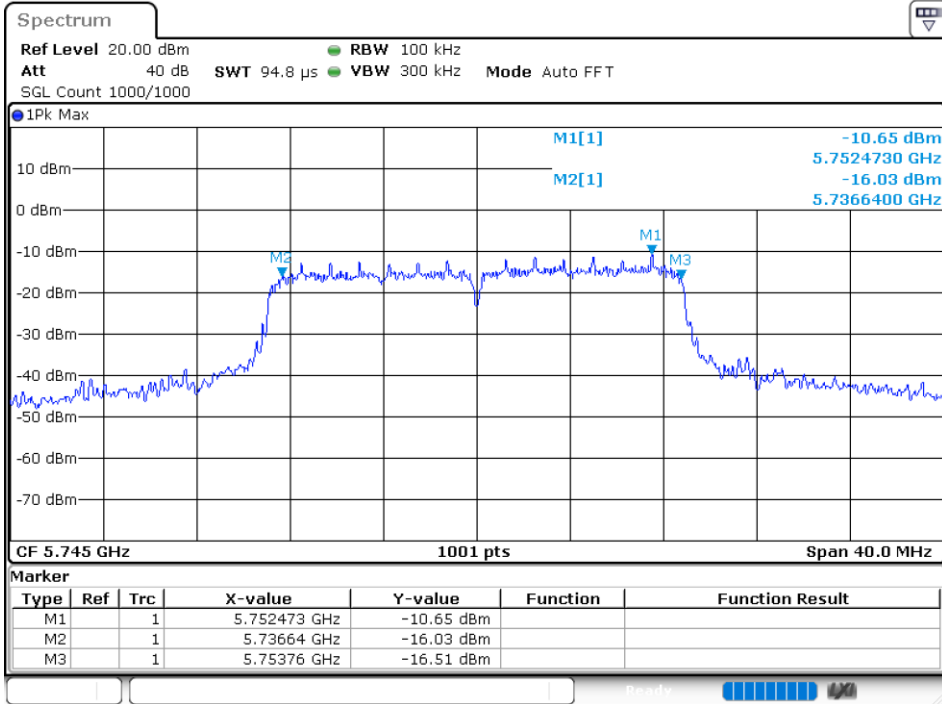
EBW NVNT 802.11a 5785MHz Ant1



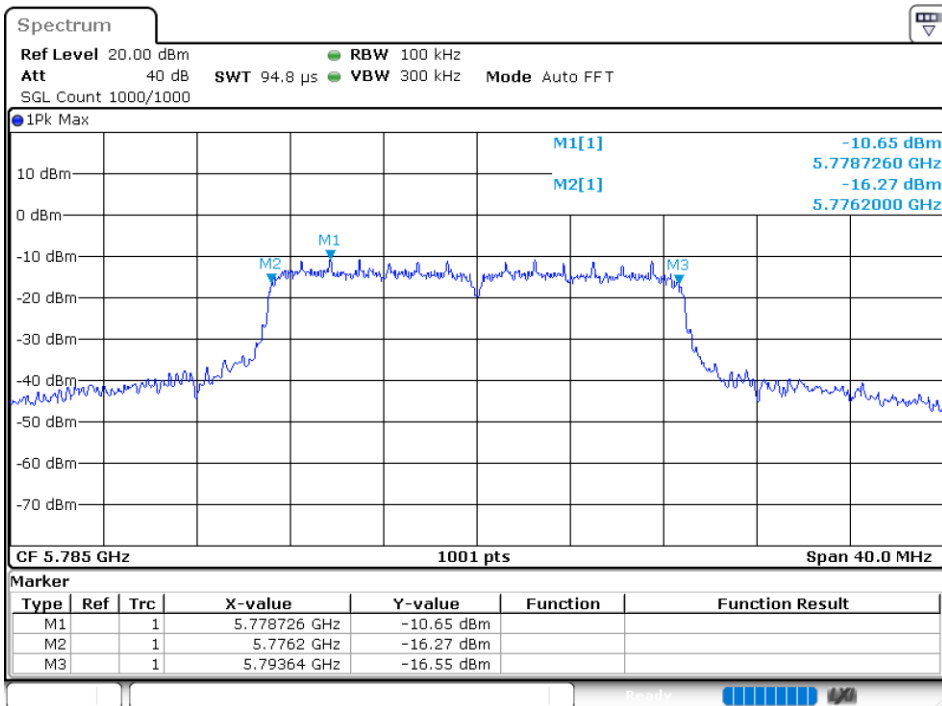
EBW NVNT 802.11a 5825MHz Ant1



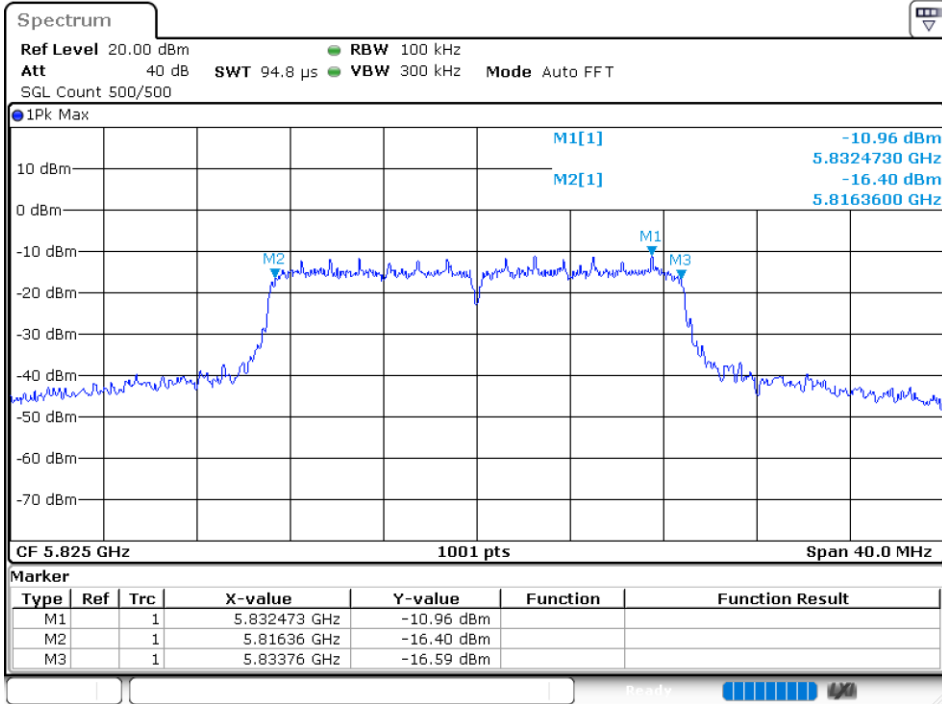
EBW NVNT 802.11ac20 5745MHz Ant1



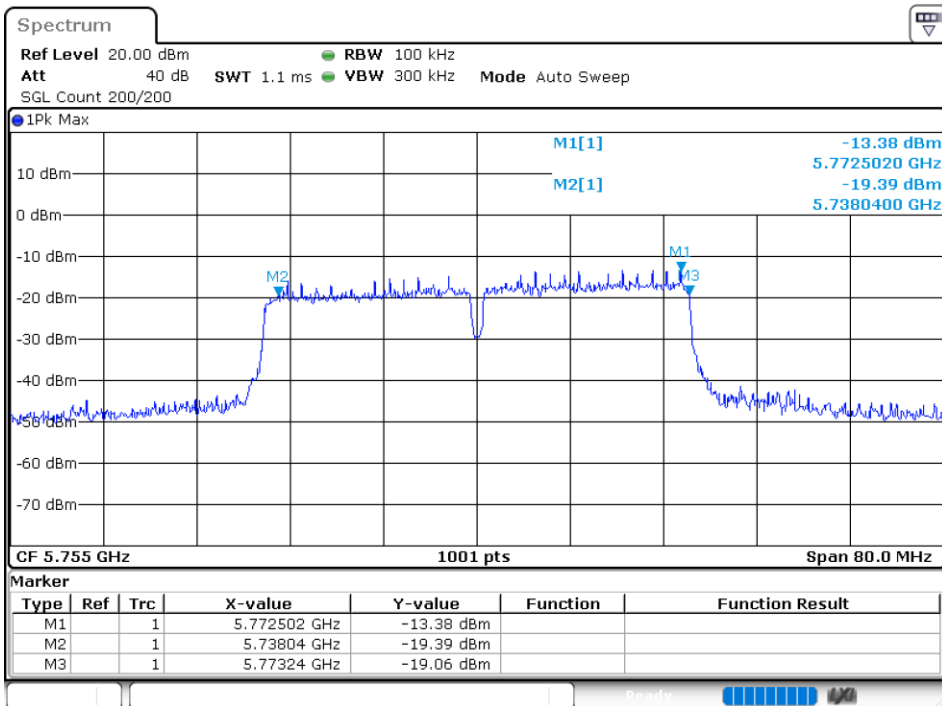
EBW NVNT 802.11ac20 5785MHz Ant1



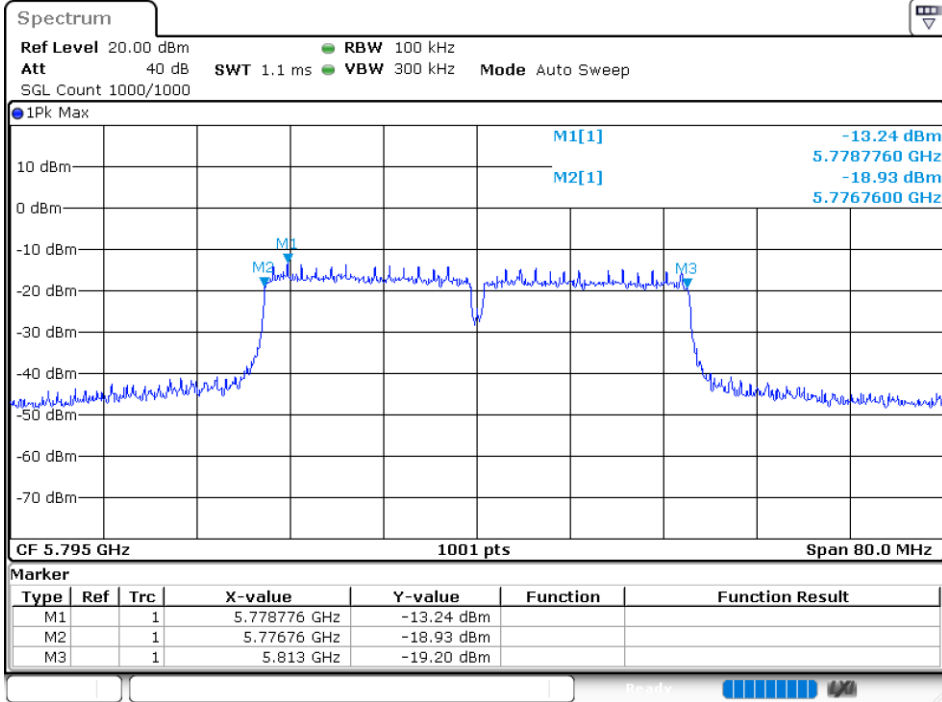
EBW NVNT 802.11ac20 5825MHz Ant1



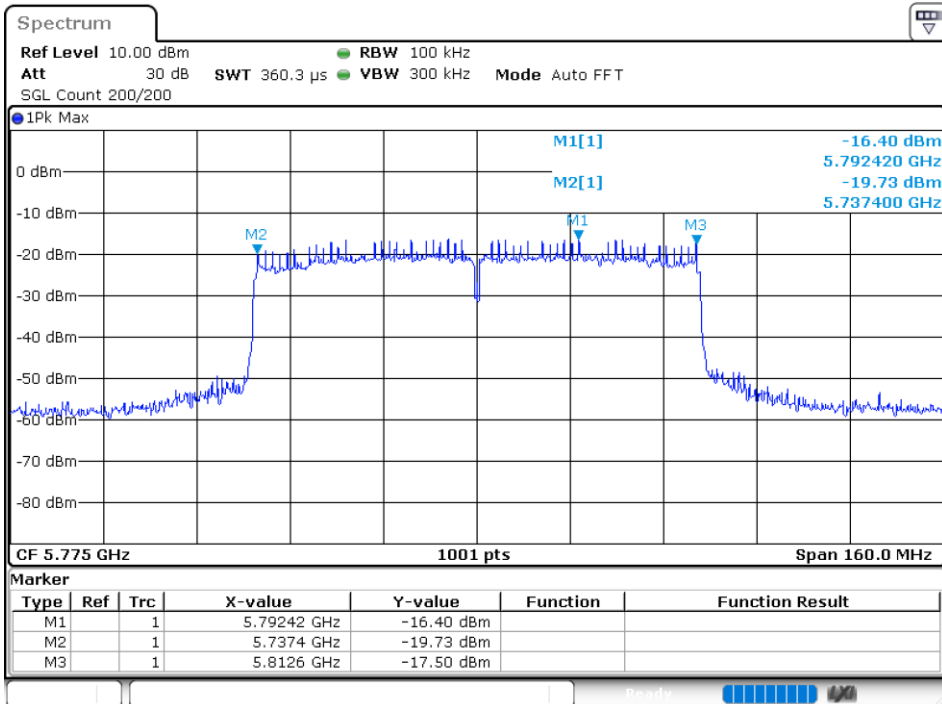
EBW NVNT 802.11ac40 5755MHz Ant1



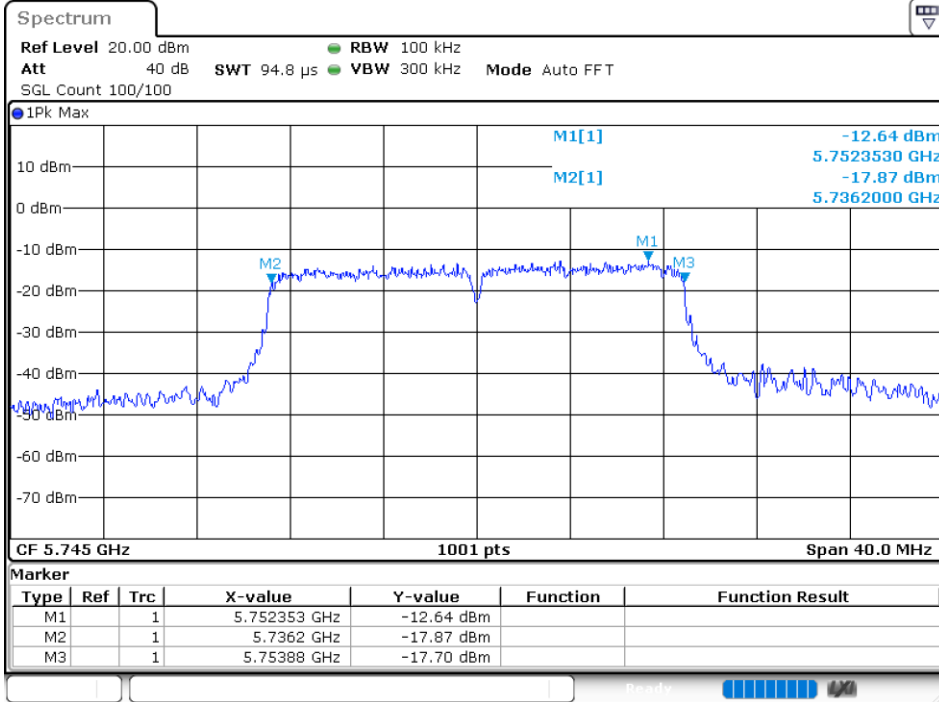
EBW NVNT 802.11ac40 5795MHz Ant1



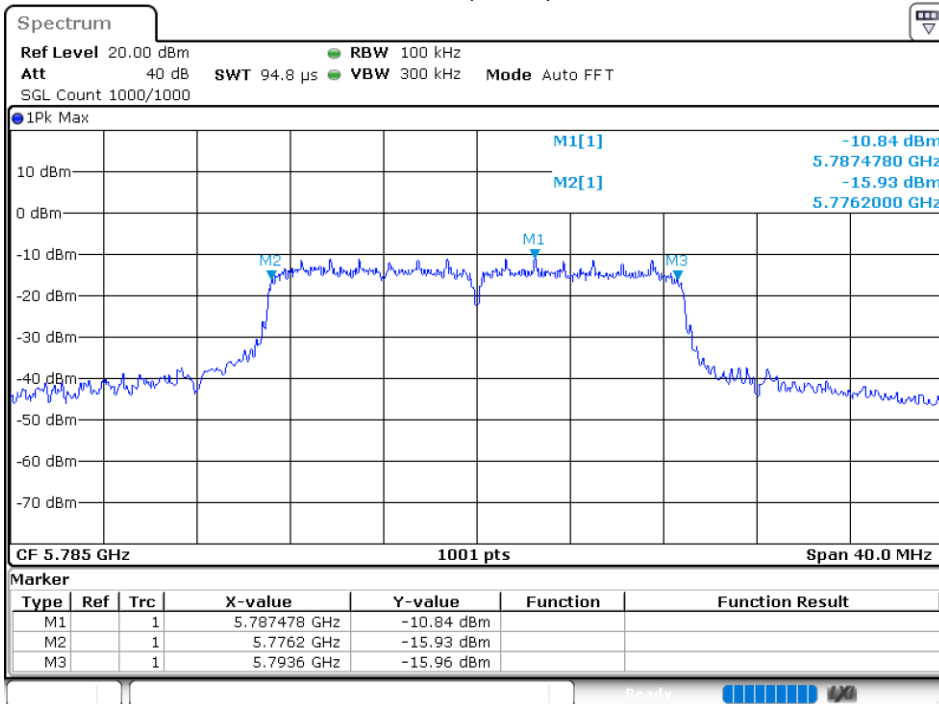
EBW NVNT 802.11ac80 5775MHz Ant1



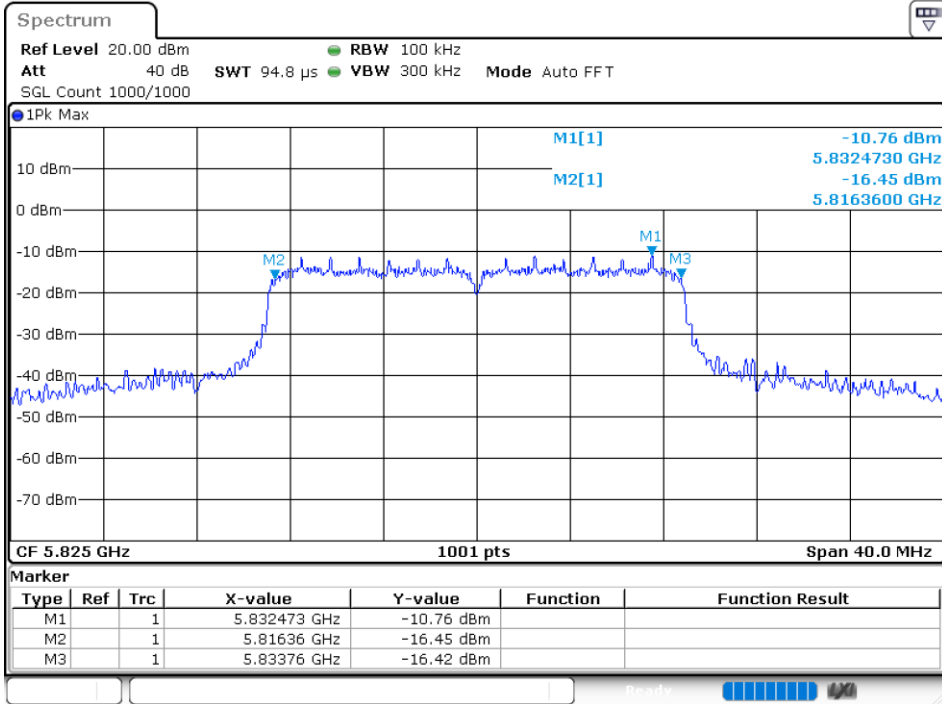
EBW NVNT 802.11n(HT20) 5745MHz Ant1



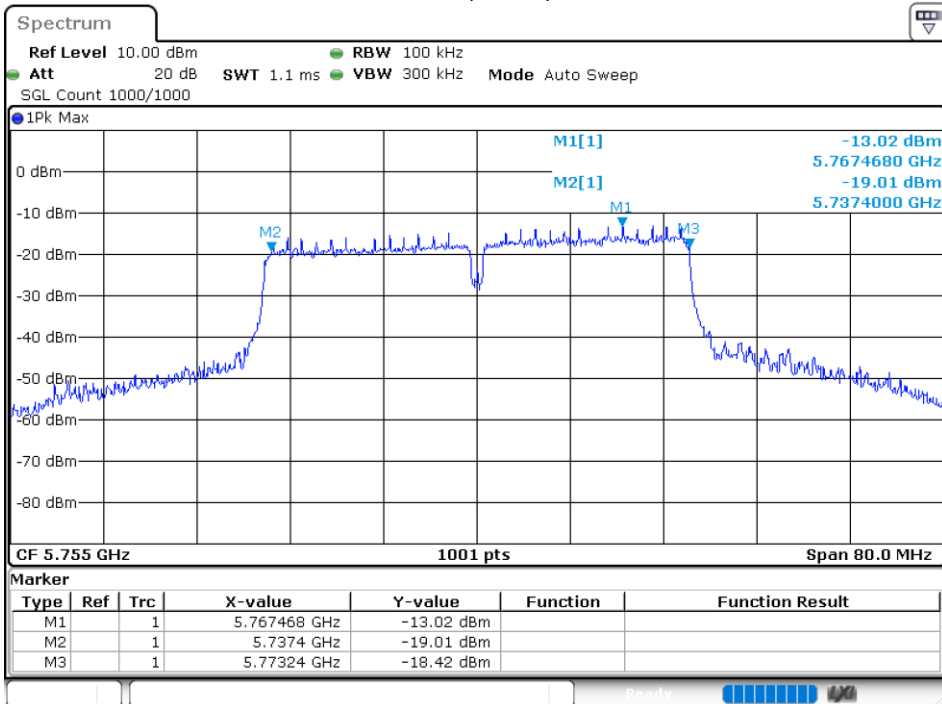
EBW NVNT 802.11n(HT20) 5785MHz Ant1



EBW NVNT 802.11n(HT20) 5825MHz Ant1

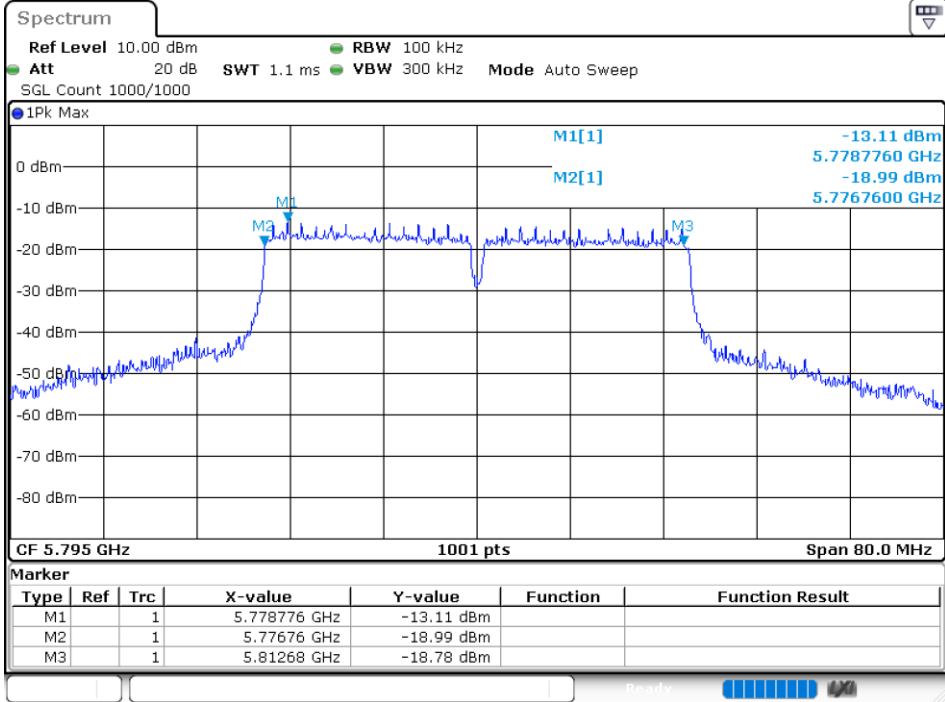


EBW NVNT 802.11n(HT40) 5755MHz Ant1





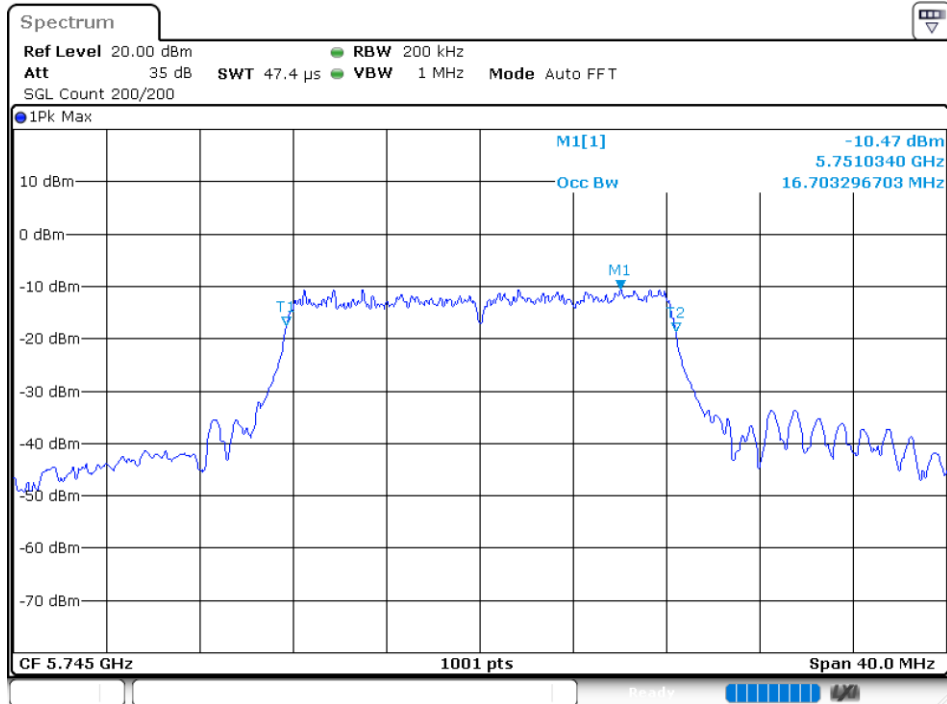
EBW NVNT 802.11n(HT40) 5795MHz Ant1



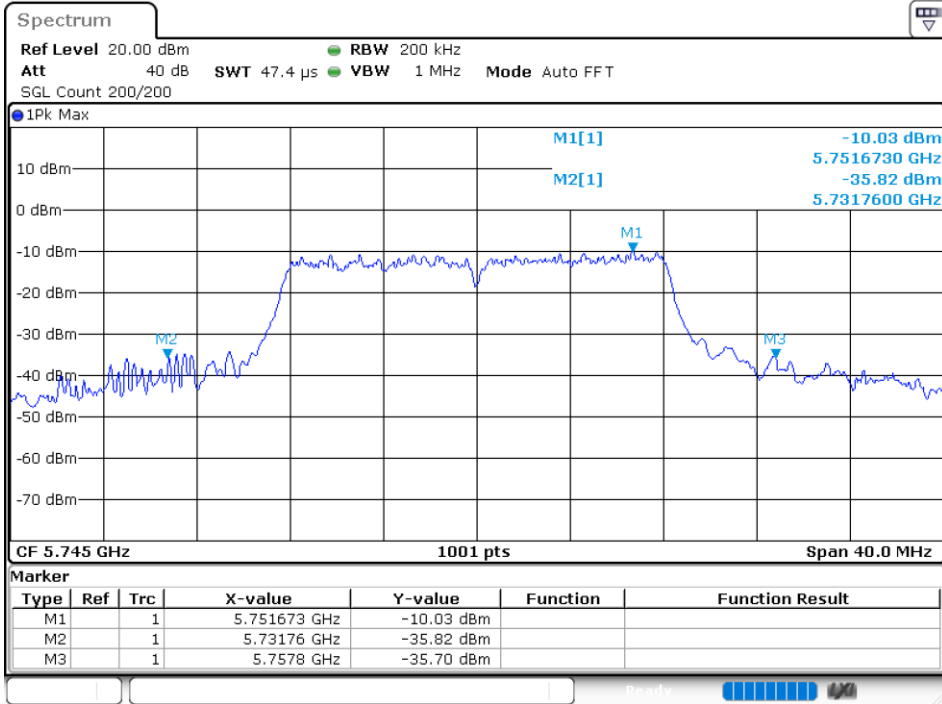
5.2.4 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	16.7033	26.04	Pass
NVNT	802.11a	5785	Ant 1	16.6234	23.52	Pass
NVNT	802.11a	5825	Ant 1	16.6633	25.16	Pass
NVNT	802.11ac20	5745	Ant 1	17.6623	25.56	Pass
NVNT	802.11ac20	5785	Ant 1	17.7423	21.48	Pass
NVNT	802.11ac20	5825	Ant 1	17.7423	29.36	Pass
NVNT	802.11ac40	5755	Ant 1	36.2837	45.76	Pass
NVNT	802.11ac40	5795	Ant 1	36.4436	51.76	Pass
NVNT	802.11ac80	5775	Ant 1	75.2847	83.84	Pass
NVNT	802.11n(HT20)	5745	Ant 1	17.6623	21.04	Pass
NVNT	802.11n(HT20)	5785	Ant 1	17.7423	24.88	Pass
NVNT	802.11n(HT20)	5825	Ant 1	17.7023	27.16	Pass
NVNT	802.11n(HT40)	5755	Ant 1	36.3636	45.2	Pass
NVNT	802.11n(HT40)	5795	Ant 1	36.3636	49.68	Pass

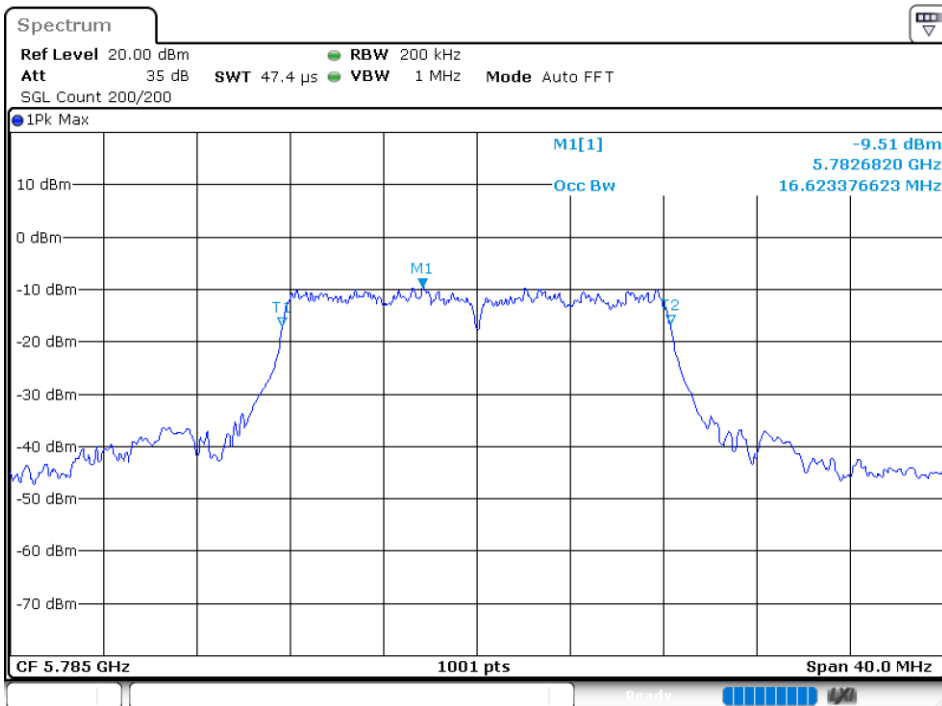
OBW NVNT 802.11a 5745MHz Ant1



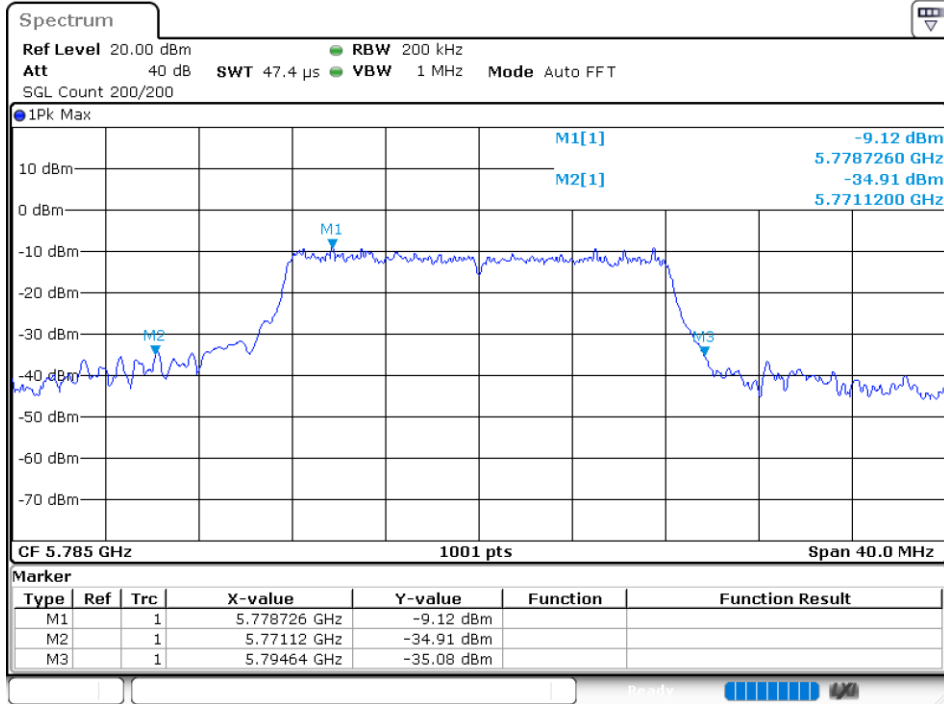
-26 dB BW NVNT 802.11a 5745MHz Ant1



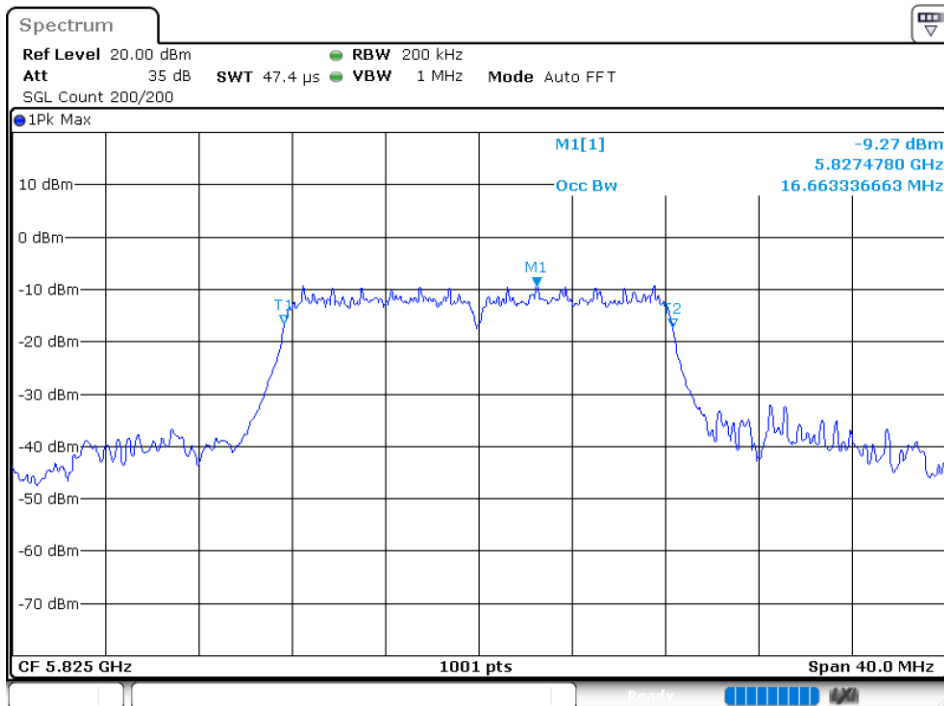
OBW NVNT 802.11a 5785MHz Ant1



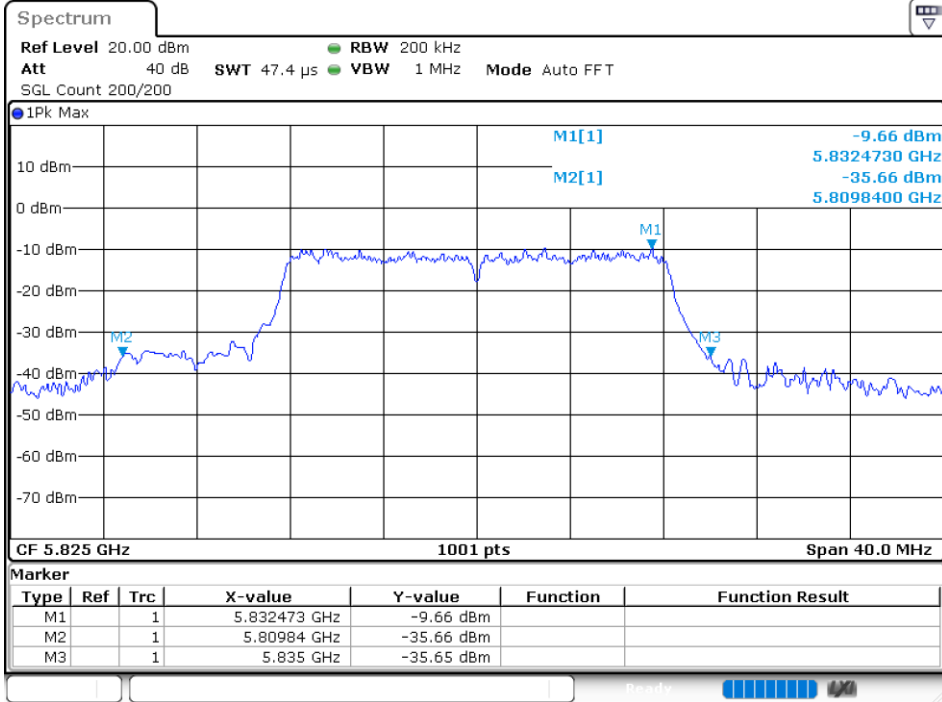
-26 dB BW NVNT 802.11a 5785MHz Ant1



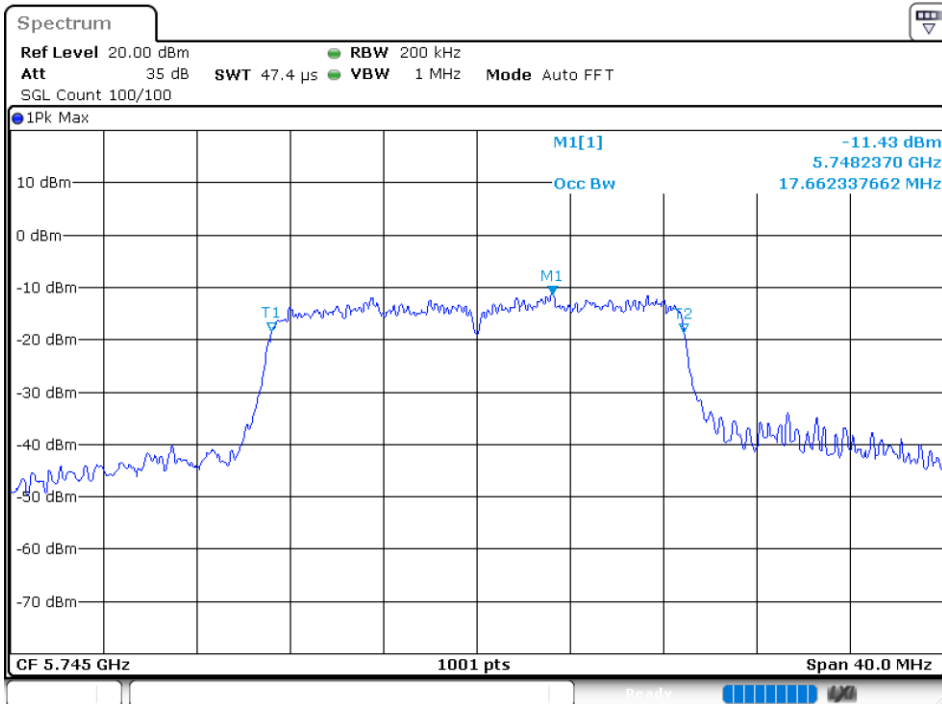
OBW NVNT 802.11a 5825MHz Ant1



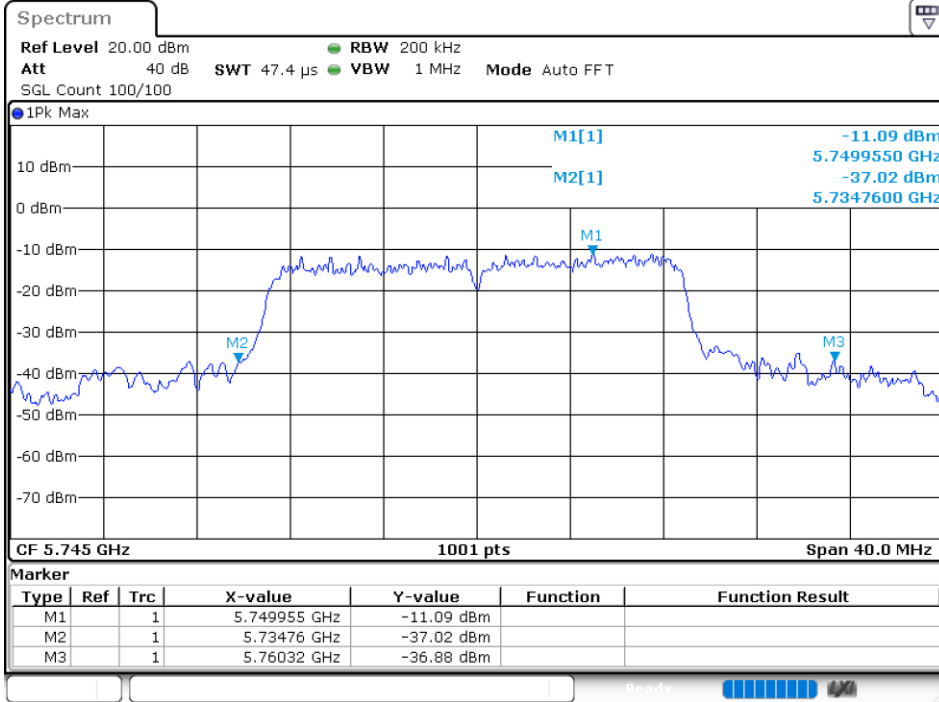
-26 dB BW NVNT 802.11a 5825MHz Ant1



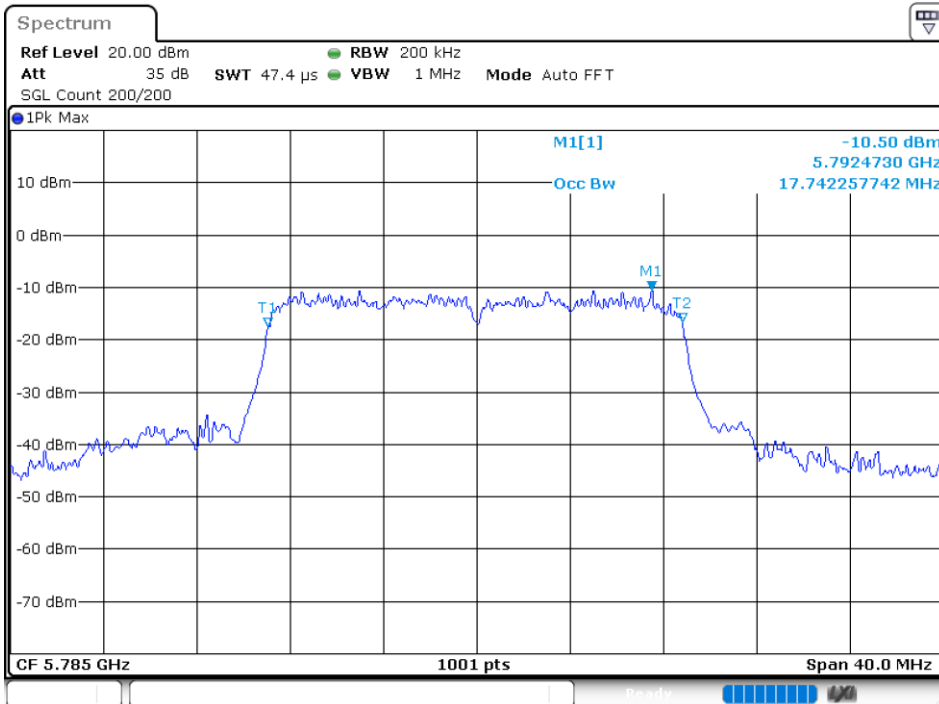
OBW NVNT 802.11ac20 5745MHz Ant1



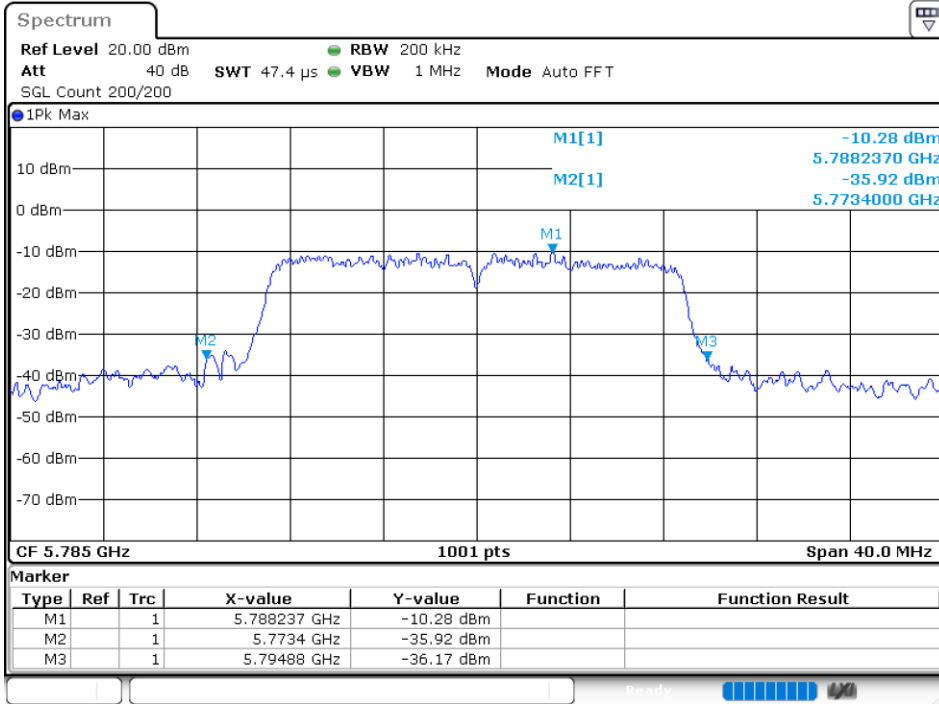
-26 dB BW NVNT 802.11ac20 5745MHz Ant1



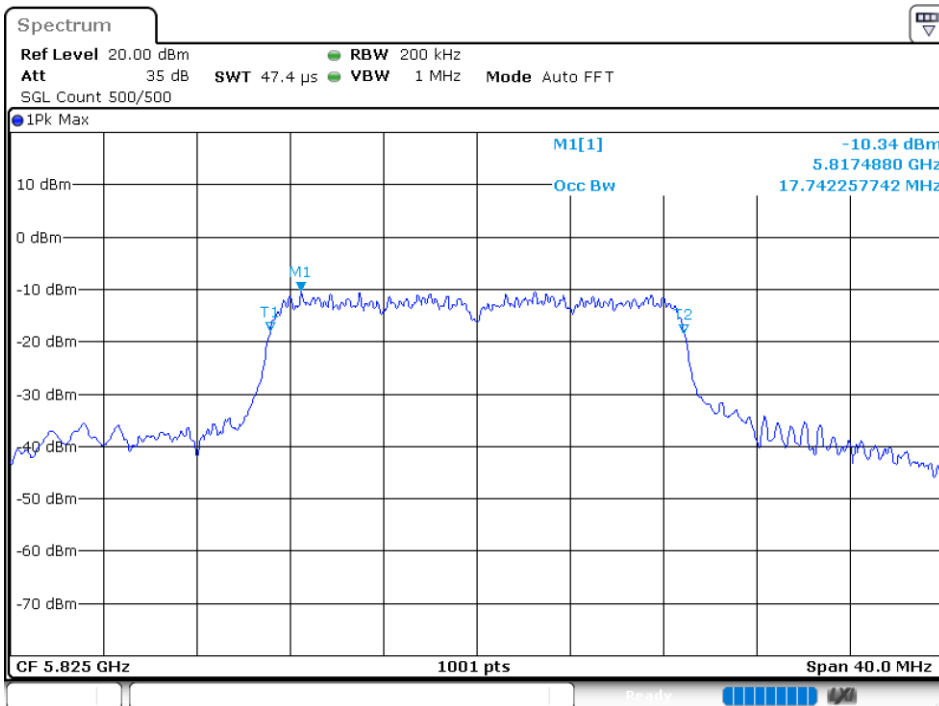
OBW NVNT 802.11ac20 5785MHz Ant1



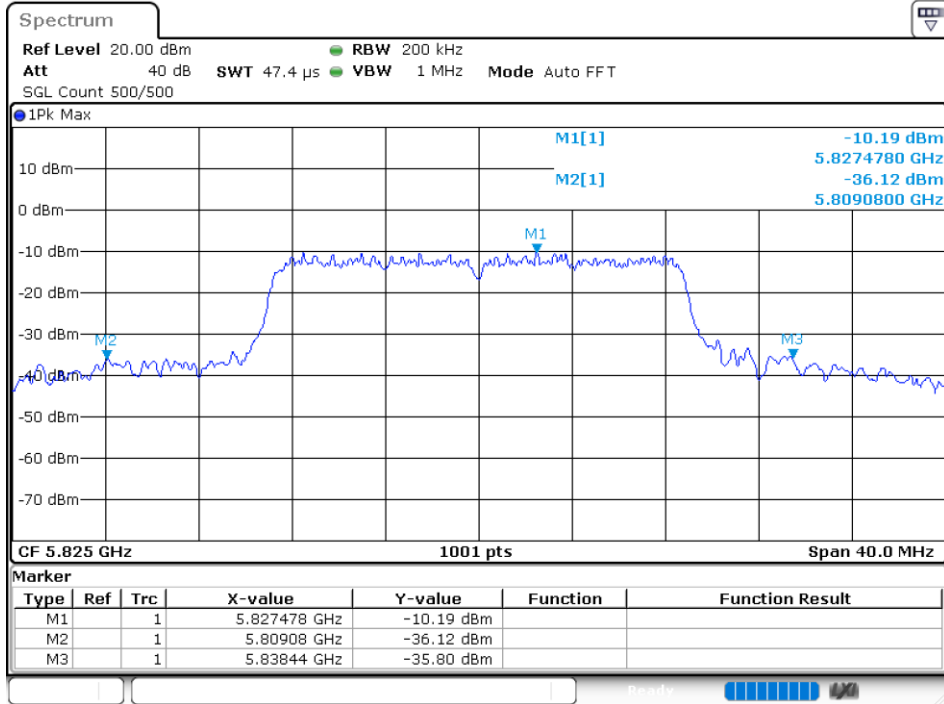
-26 dB BW NVNT 802.11ac20 5785MHz Ant1



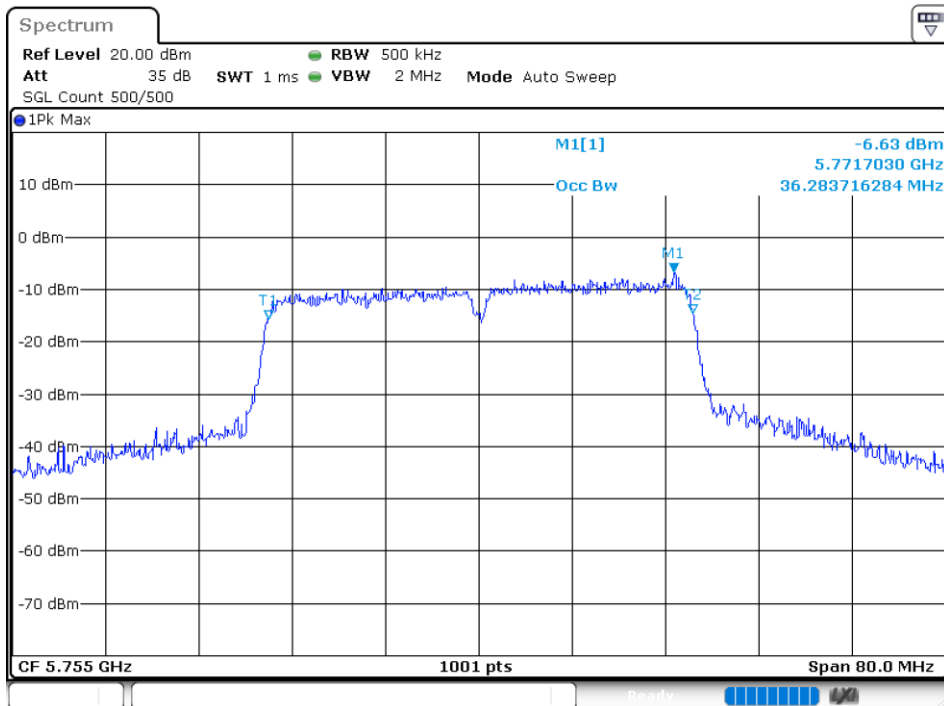
OBW NVNT 802.11ac20 5825MHz Ant1



-26 dB BW NVNT 802.11ac20 5825MHz Ant1

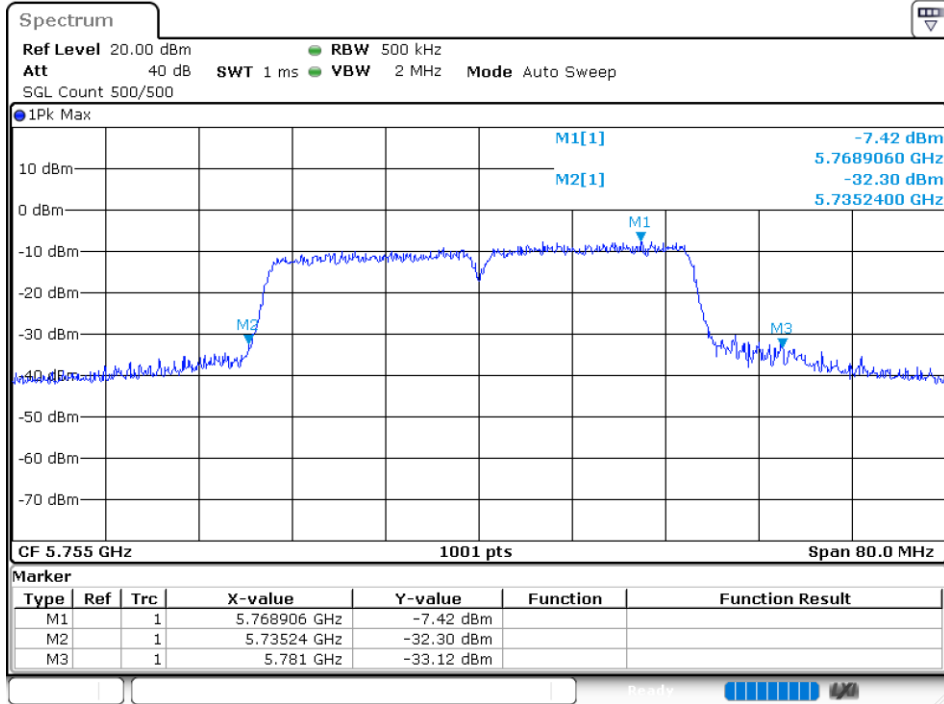


OBW NVNT 802.11ac40 5755MHz Ant1

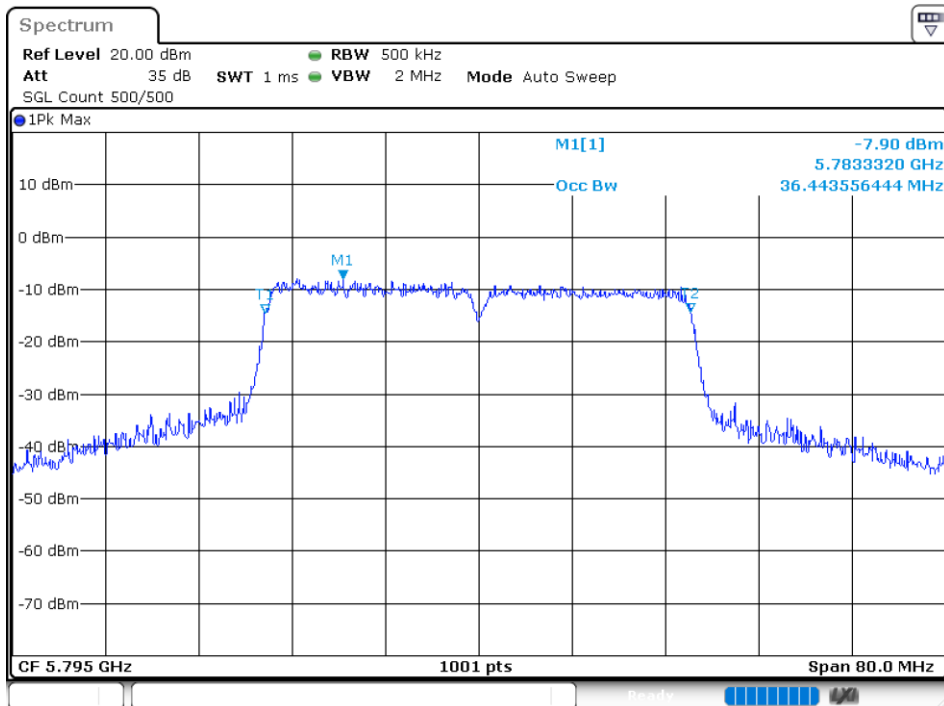




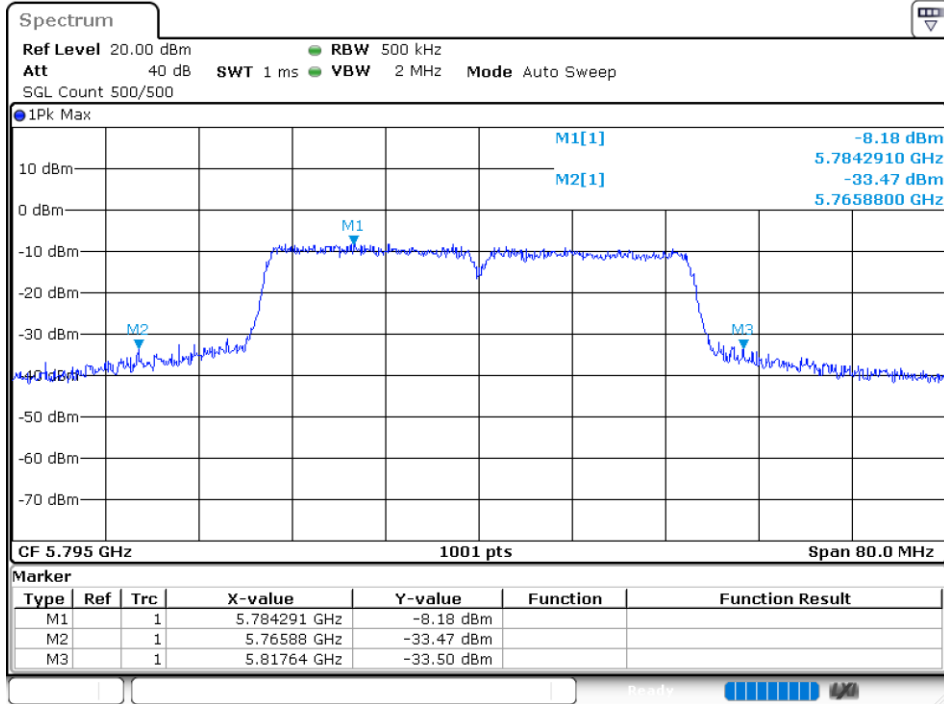
-26 dB BW NVNT 802.11ac40 5755MHz Ant1



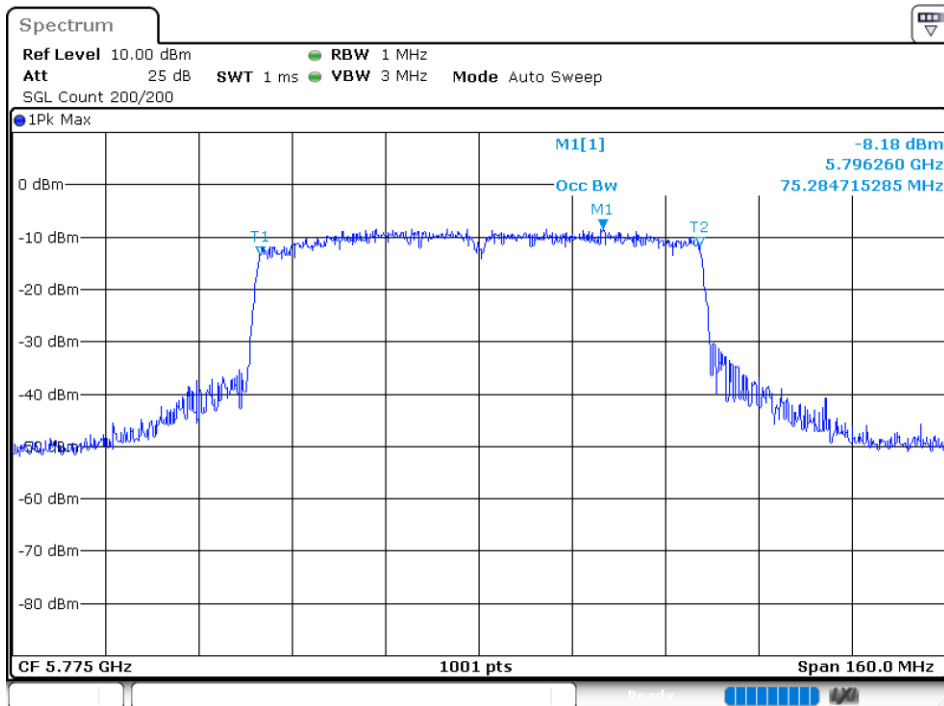
OBW NVNT 802.11ac40 5795MHz Ant1



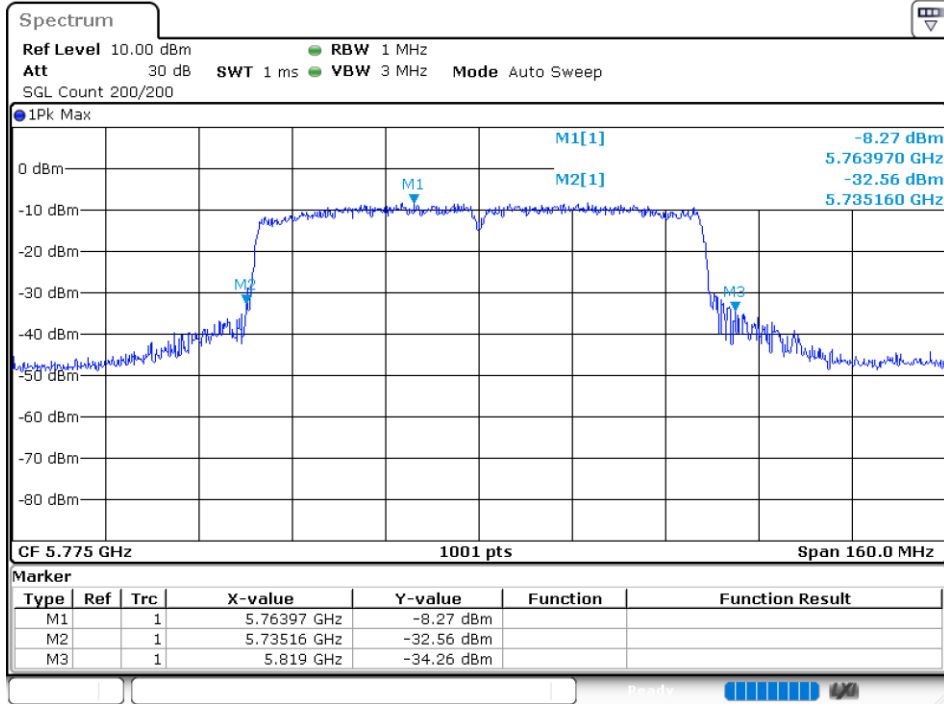
-26 dB BW NVNT 802.11ac40 5795MHz Ant1



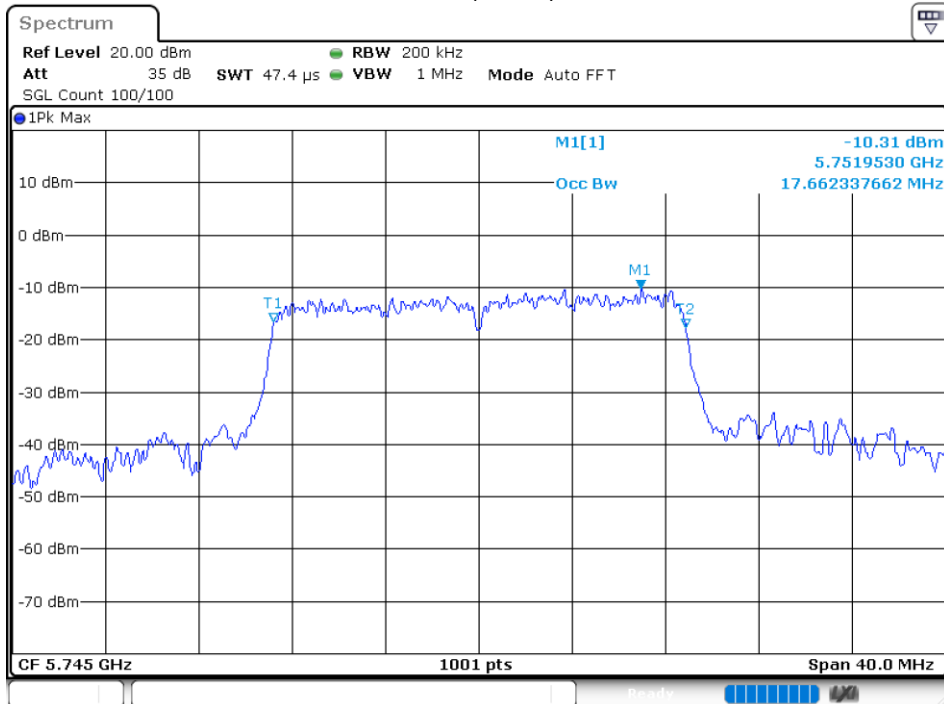
OBW NVNT 802.11ac80 5775MHz Ant1



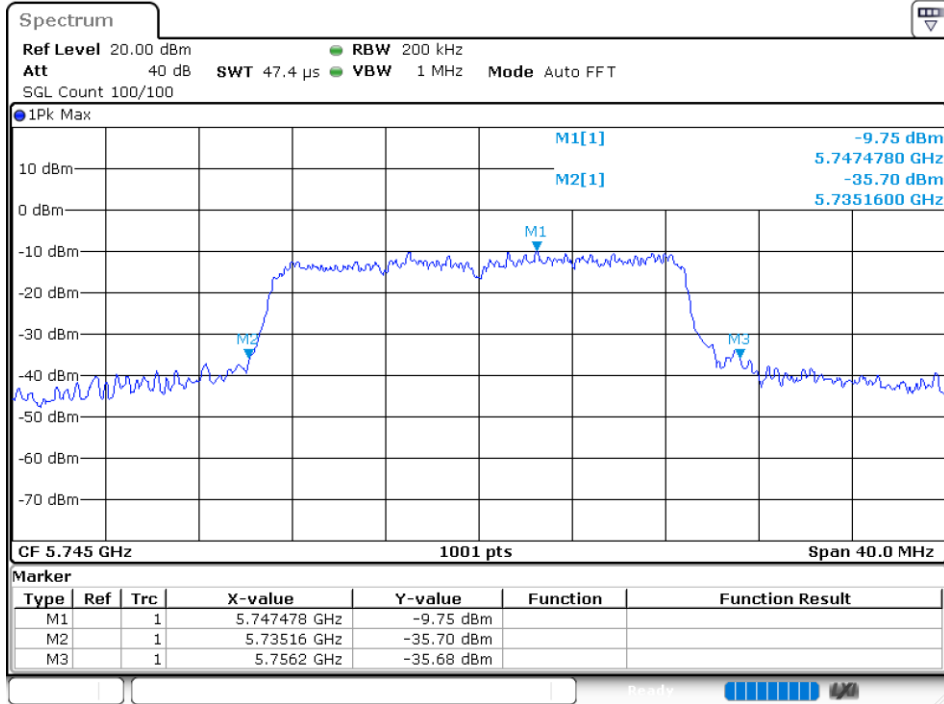
-26 dB BW NVNT 802.11ac80 5775MHz Ant1



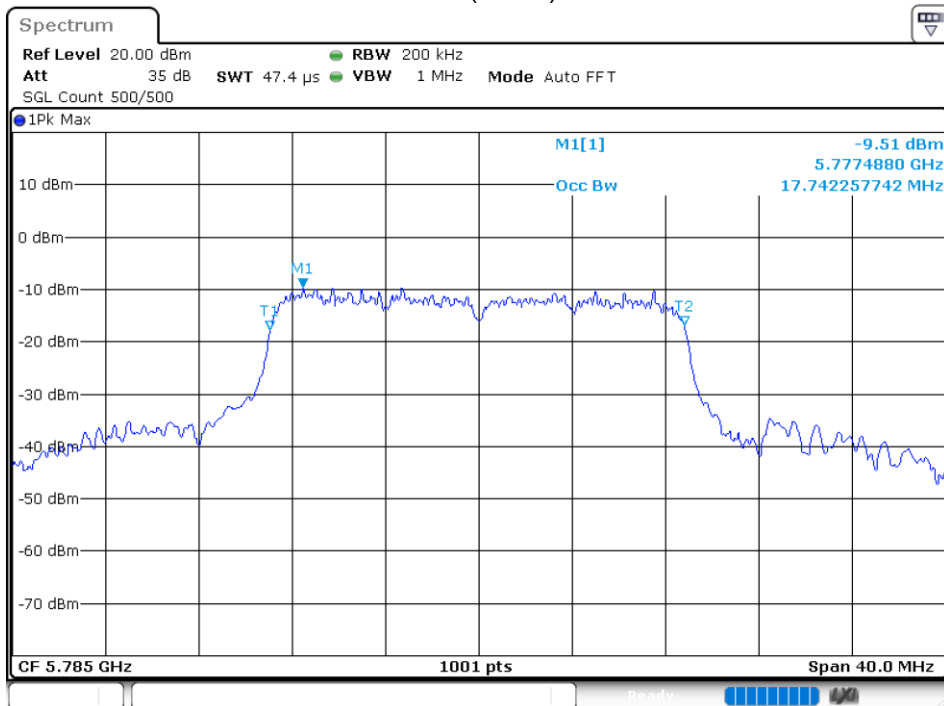
OBW NVNT 802.11n(HT20) 5745MHz Ant1



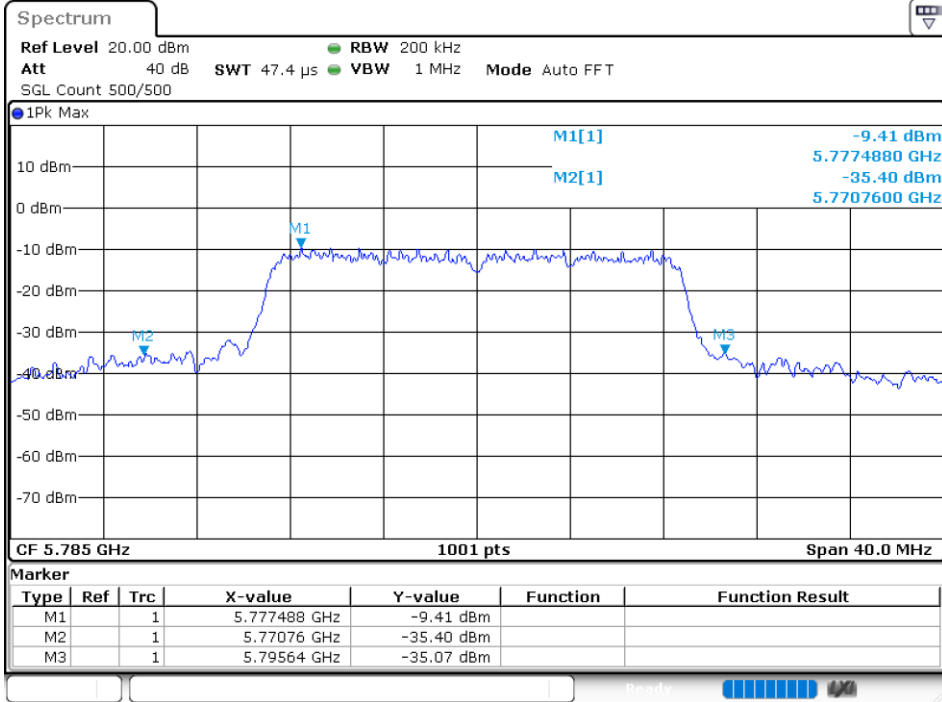
-26 dB BW NVNT 802.11n(HT20) 5745MHz Ant1



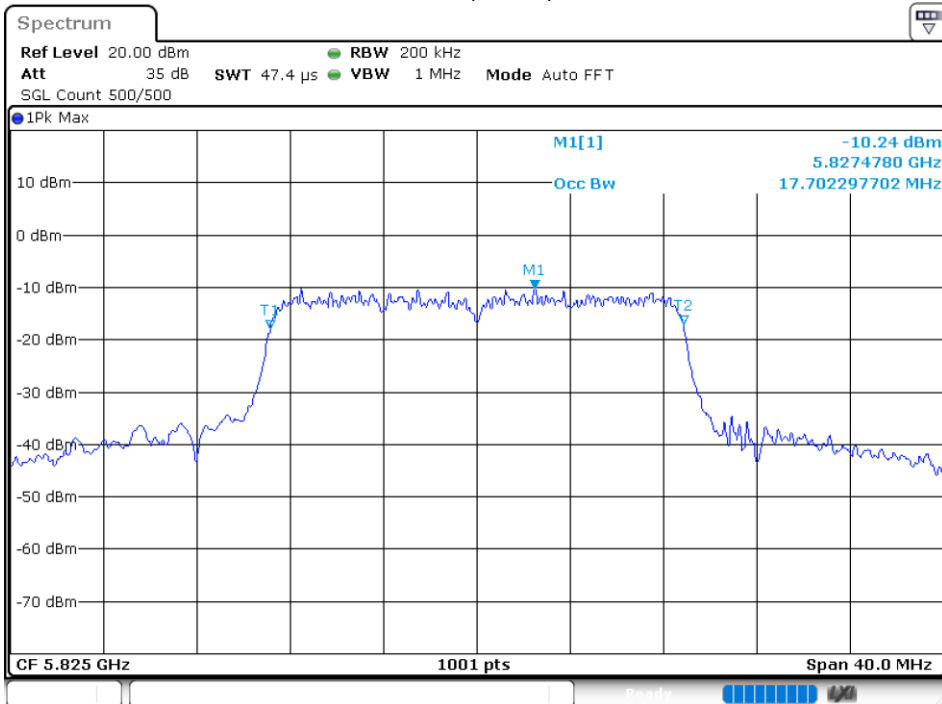
OBW NVNT 802.11n(HT20) 5785MHz Ant1



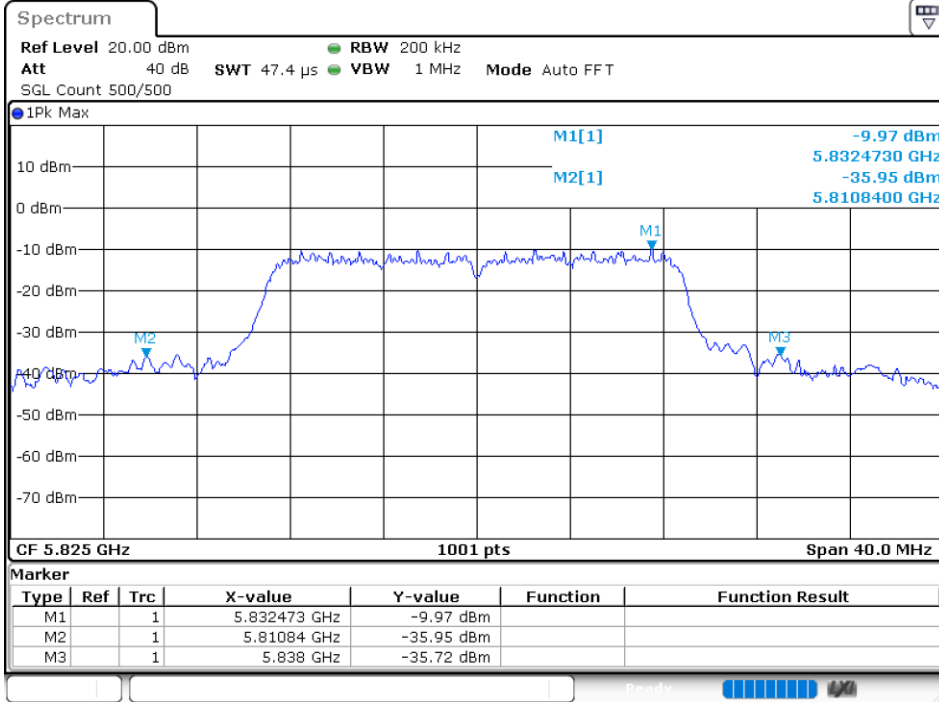
-26 dB BW NVNT 802.11n(HT20) 5785MHz Ant1



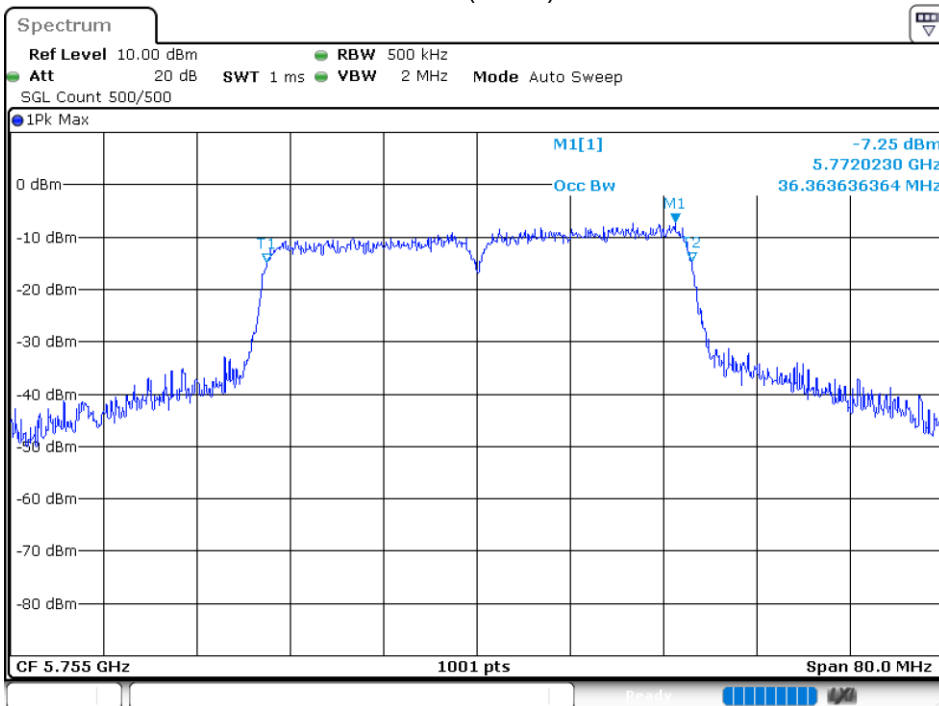
OBW NVNT 802.11n(HT20) 5825MHz Ant1



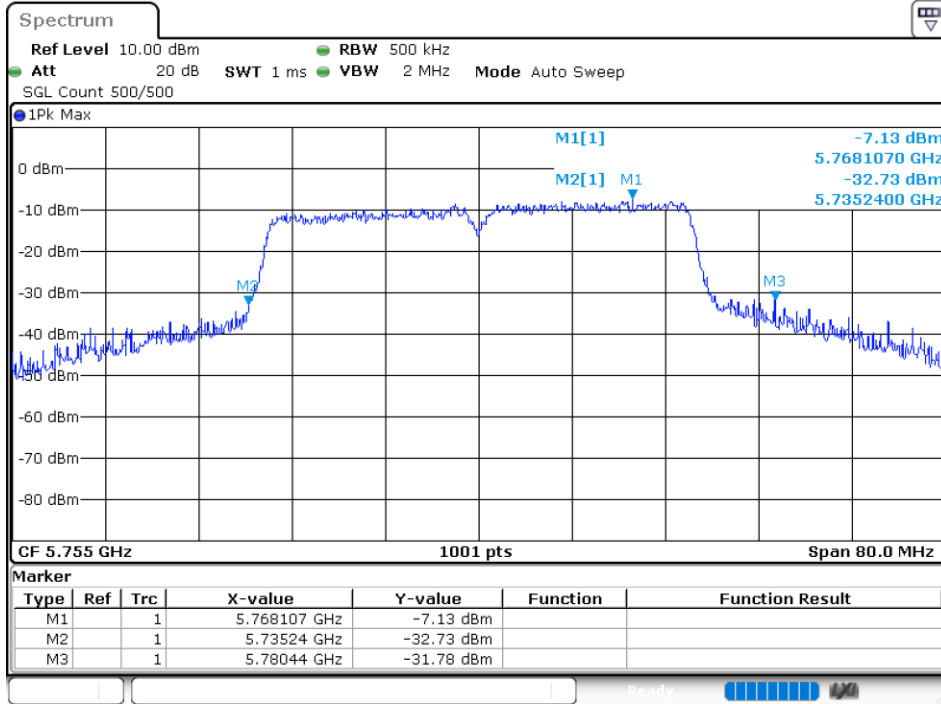
-26 dB BW NVNT 802.11n(HT20) 5825MHz Ant1



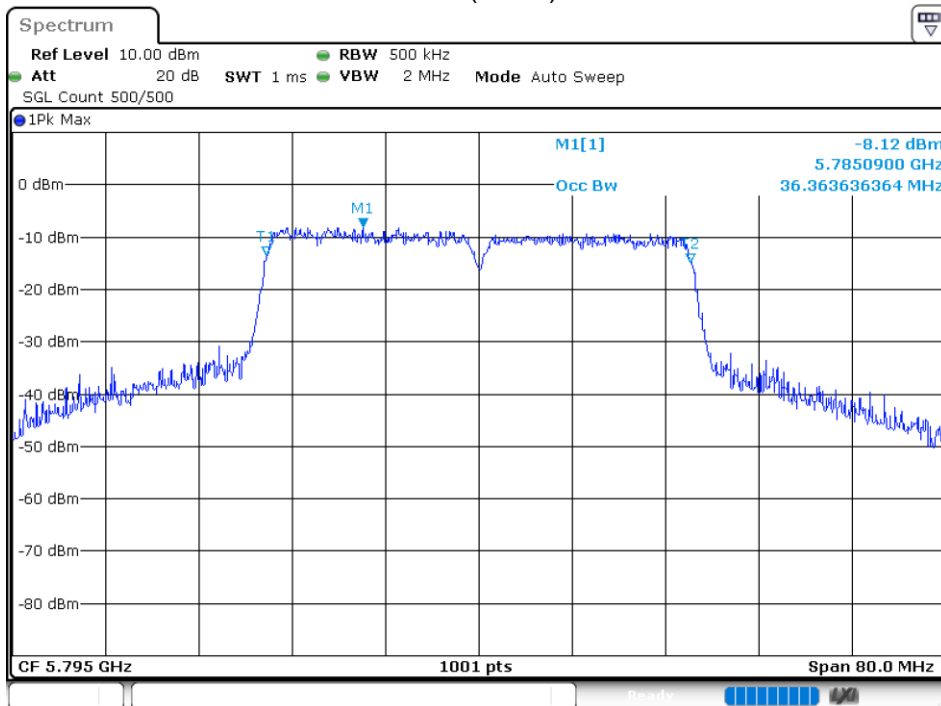
OBW NVNT 802.11n(HT40) 5755MHz Ant1



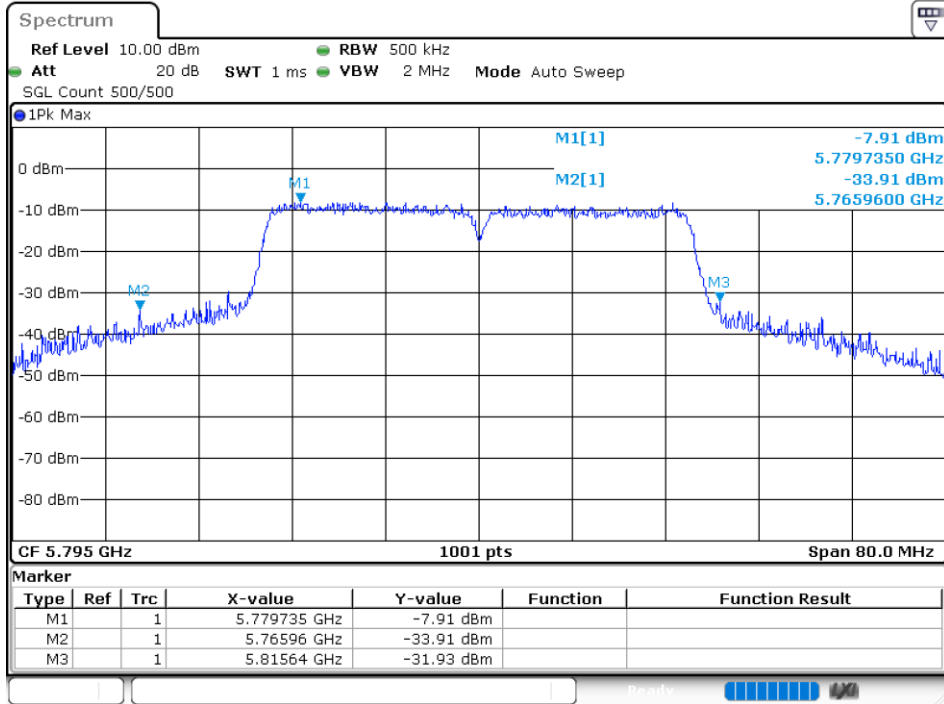
-26 dB BW NVNT 802.11n(HT40) 5755MHz Ant1



OBW NVNT 802.11n(HT40) 5795MHz Ant1



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

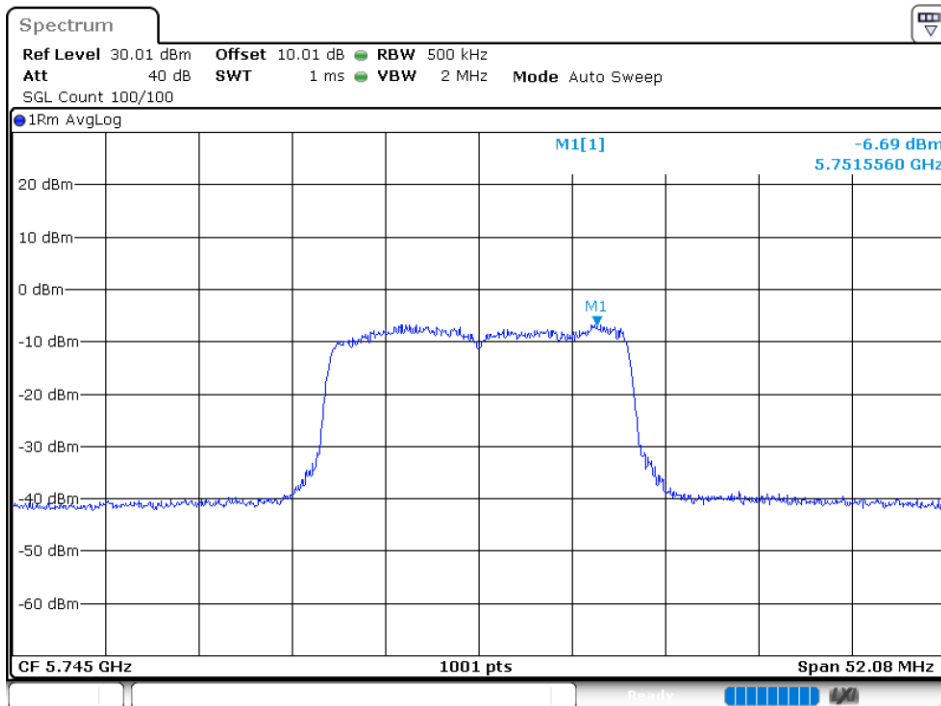




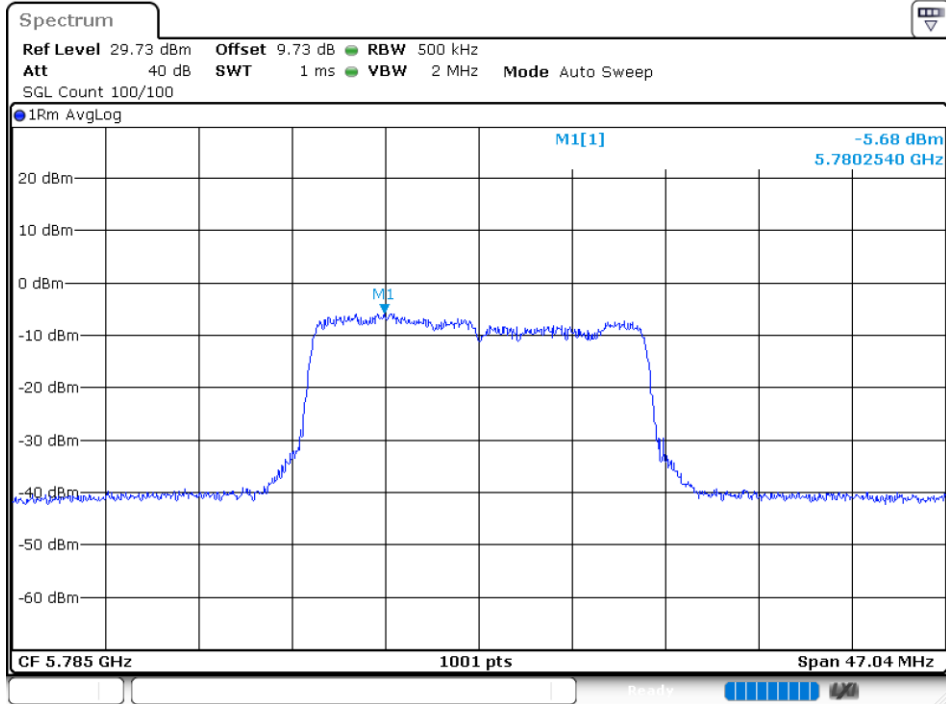
5.2.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-6.691	0.41	-6.281	30	Pass
NVNT	802.11a	5785	Ant 1	-5.682	0.41	-5.272	30	Pass
NVNT	802.11a	5825	Ant 1	-6.781	0.42	-6.361	30	Pass
NVNT	802.11ac20	5745	Ant 1	-8.455	0.5	-7.955	30	Pass
NVNT	802.11ac20	5785	Ant 1	-8.966	0.5	-8.466	30	Pass
NVNT	802.11ac20	5825	Ant 1	-8.718	0.49	-8.228	30	Pass
NVNT	802.11ac40	5755	Ant 1	-14.056	0.91	-13.146	30	Pass
NVNT	802.11ac40	5795	Ant 1	-14.174	0.91	-13.264	30	Pass
NVNT	802.11ac80	5775	Ant 1	-22.114	1.63	-20.484	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-7.567	0.49	-7.077	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-8.635	0.5	-8.135	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-8.87	0.5	-8.37	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-16.454	0.94	-15.514	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-17.411	0.94	-16.471	30	Pass

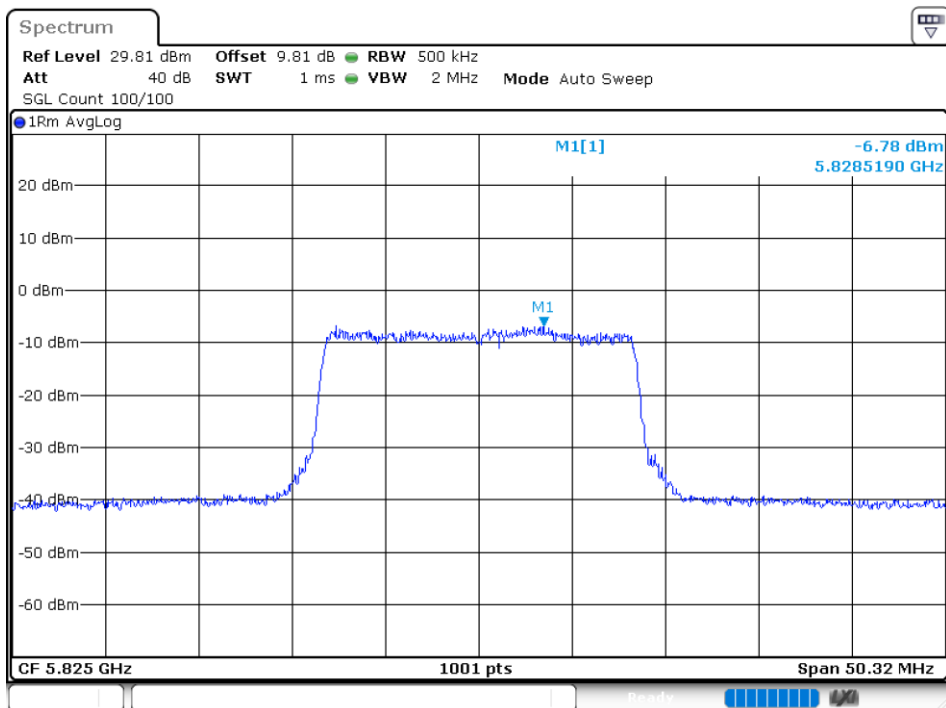
PSD NVNT 802.11a 5745MHz Ant1



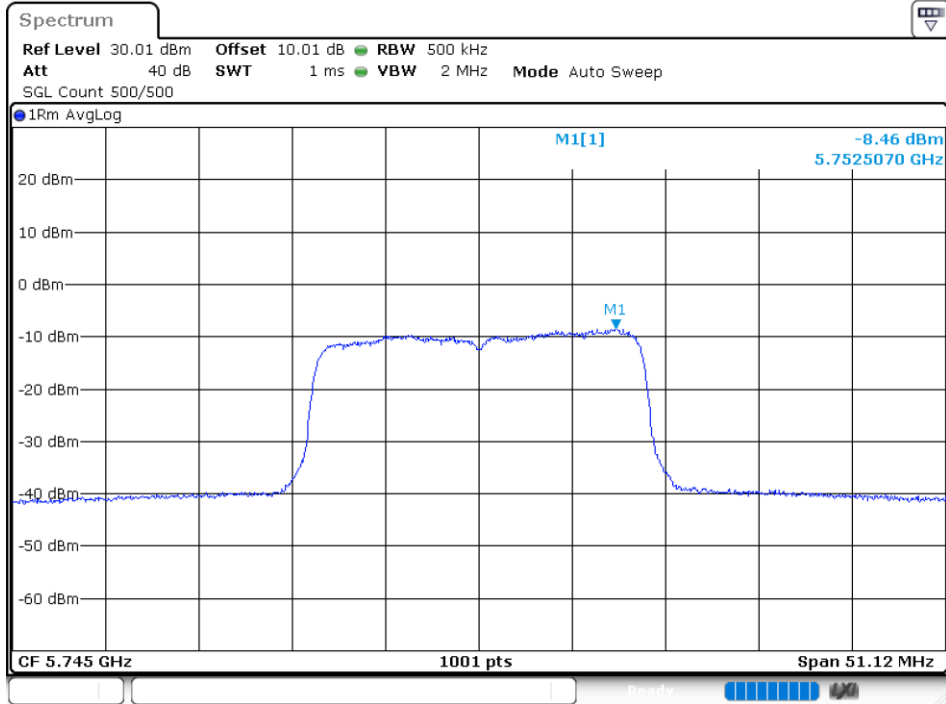
PSD NVNT 802.11a 5785MHz Ant1



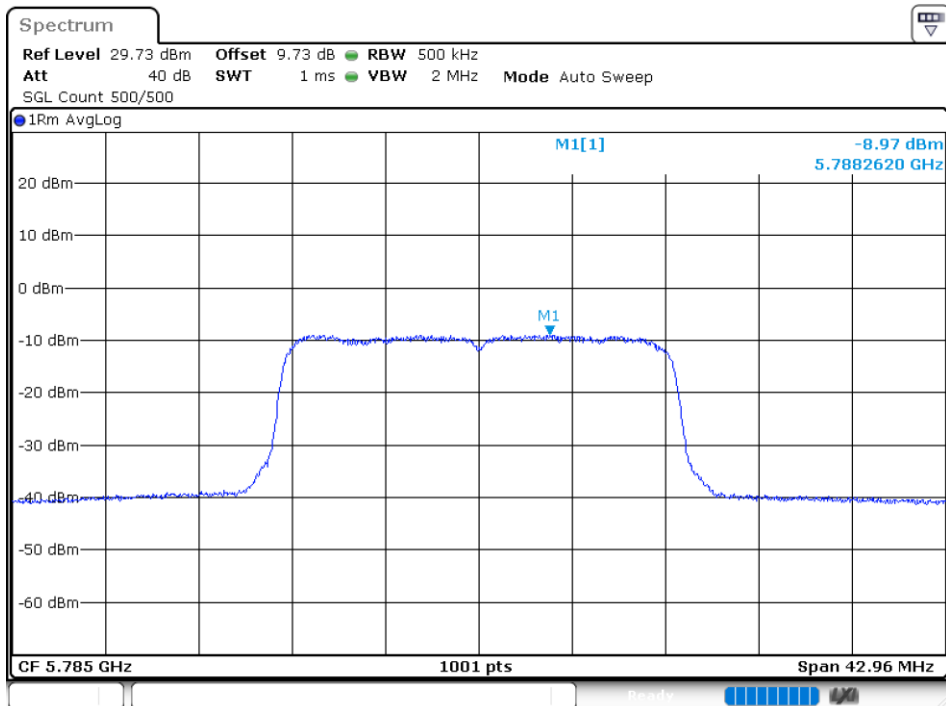
PSD NVNT 802.11a 5825MHz Ant1



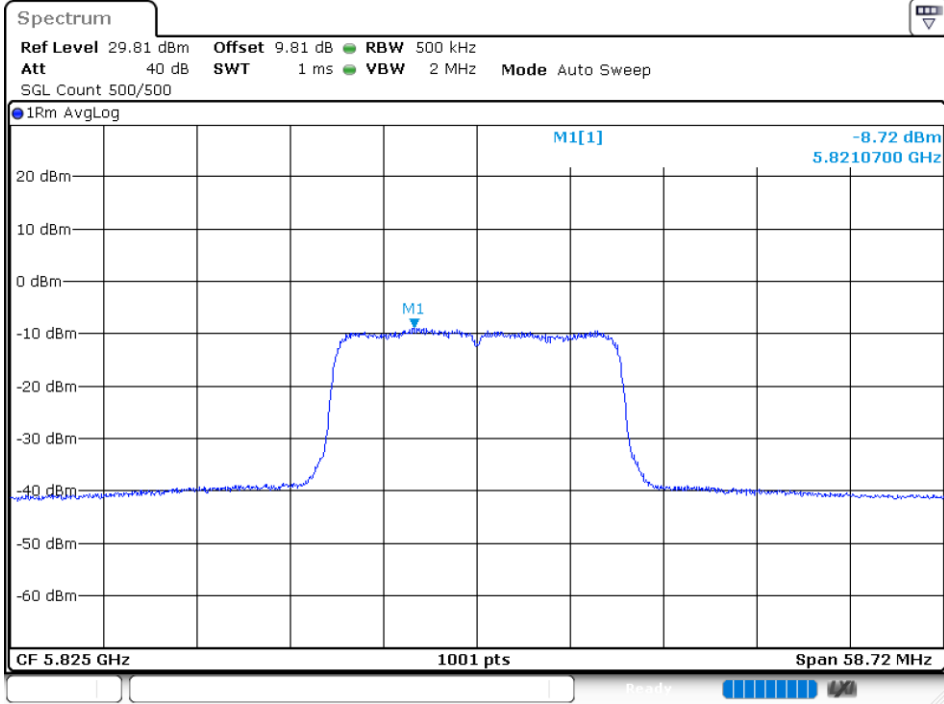
PSD NVNT 802.11ac20 5745MHz Ant1



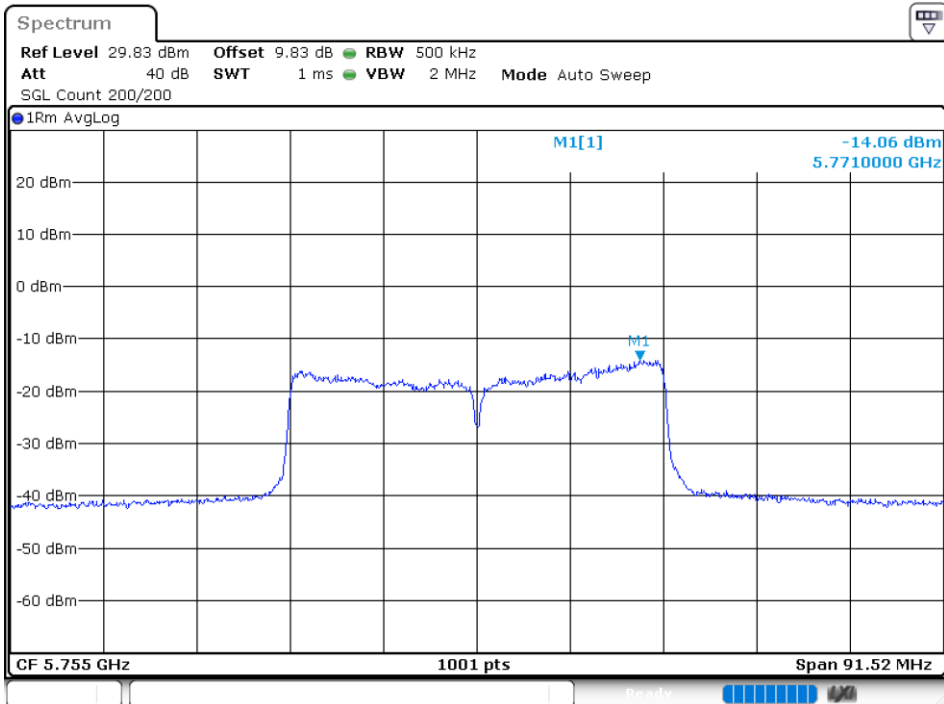
PSD NVNT 802.11ac20 5785MHz Ant1



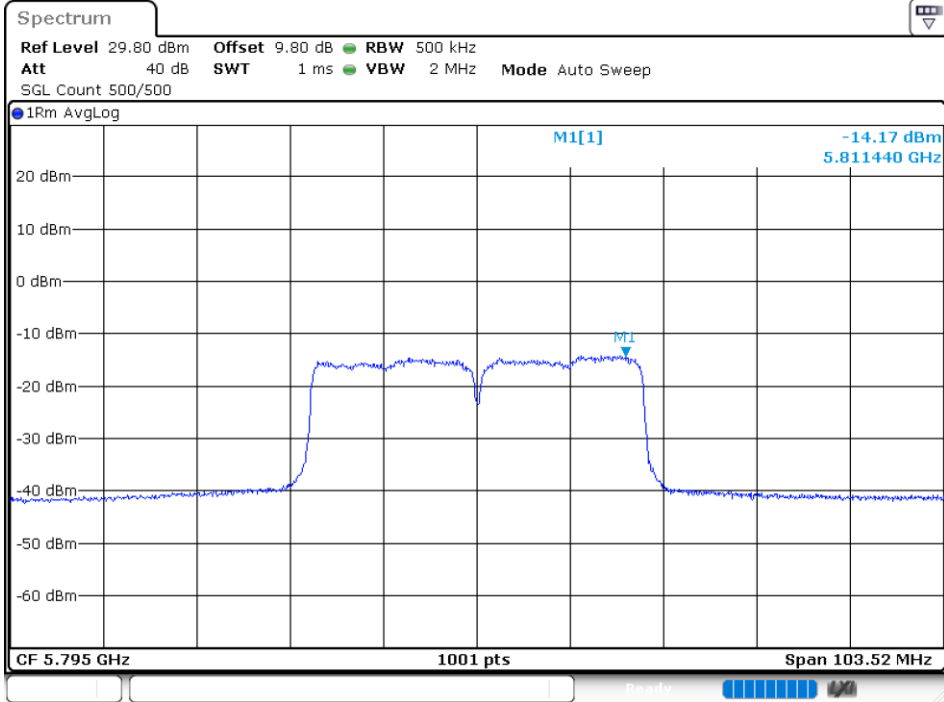
PSD NVNT 802.11ac20 5825MHz Ant1



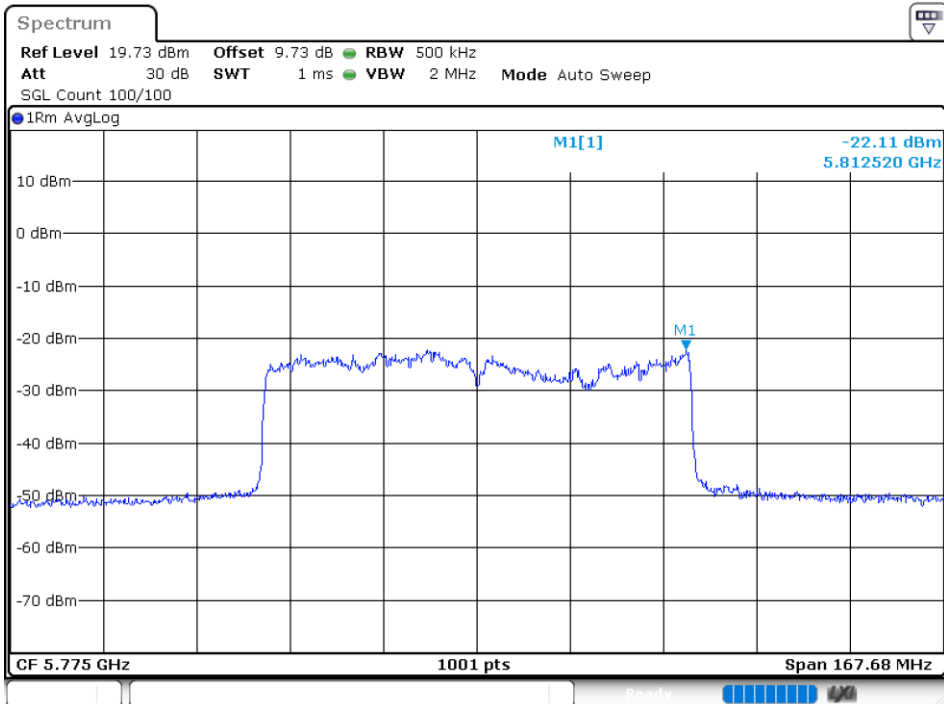
PSD NVNT 802.11ac40 5755MHz Ant1



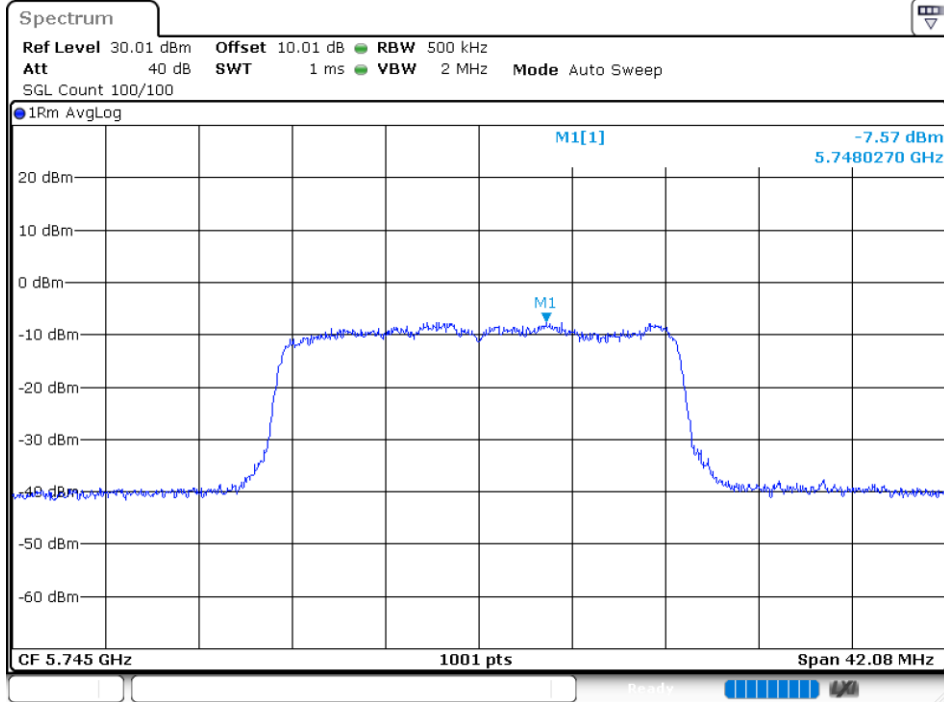
PSD NVNT 802.11ac40 5795MHz Ant1



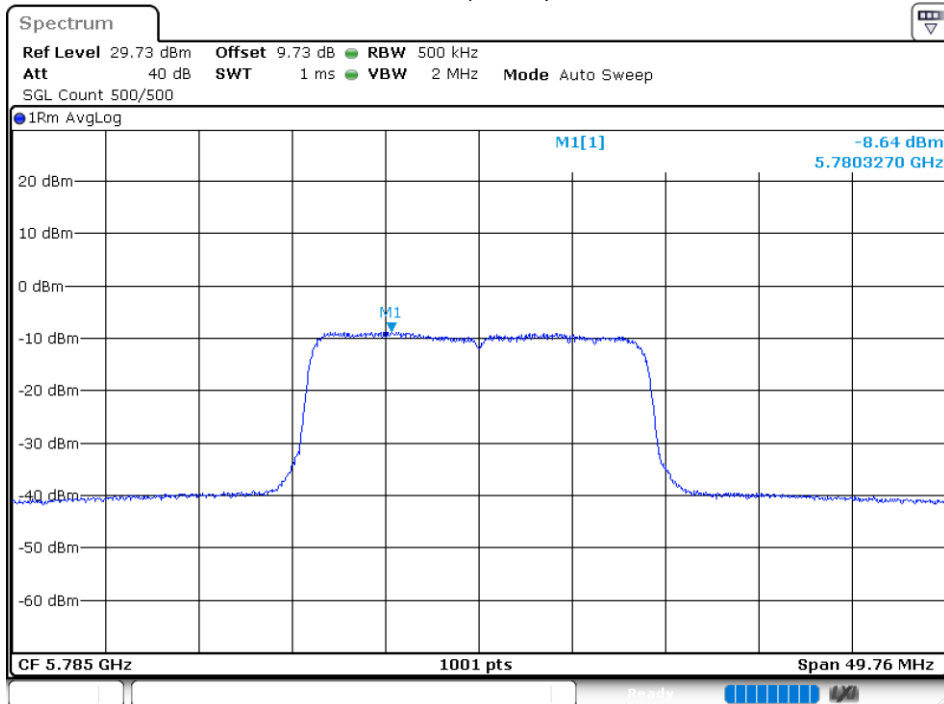
PSD NVNT 802.11ac80 5775MHz Ant1



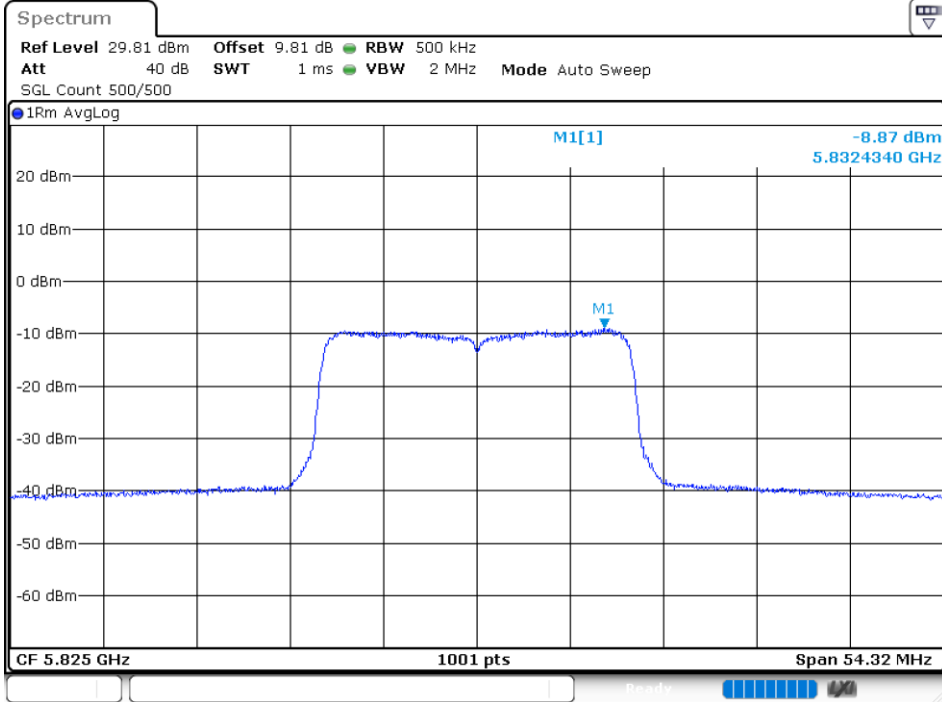
PSD NVNT 802.11n(HT20) 5745MHz Ant1



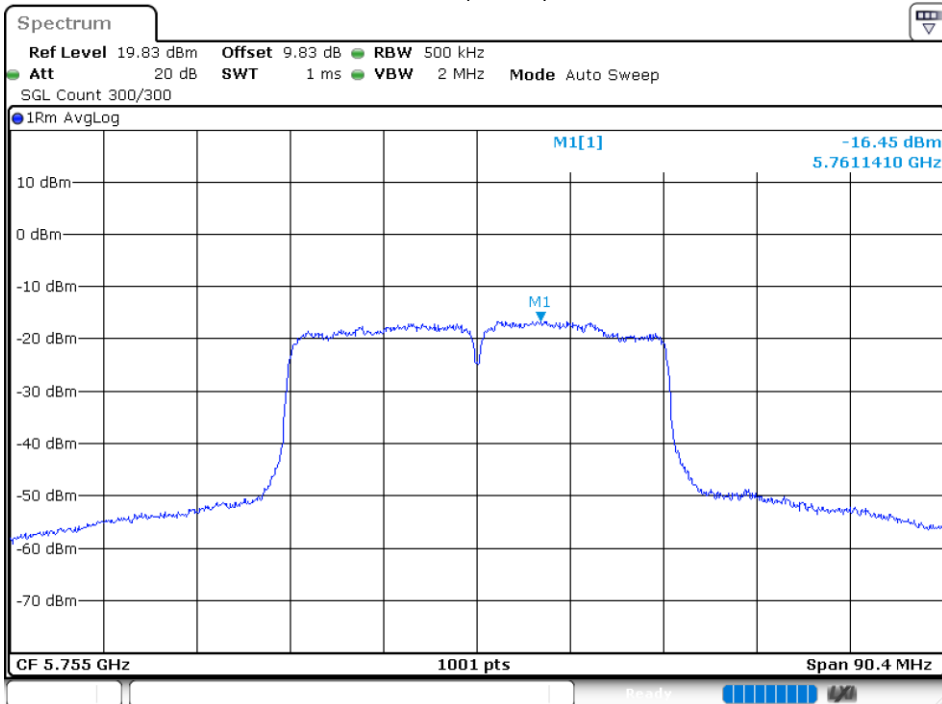
PSD NVNT 802.11n(HT20) 5785MHz Ant1



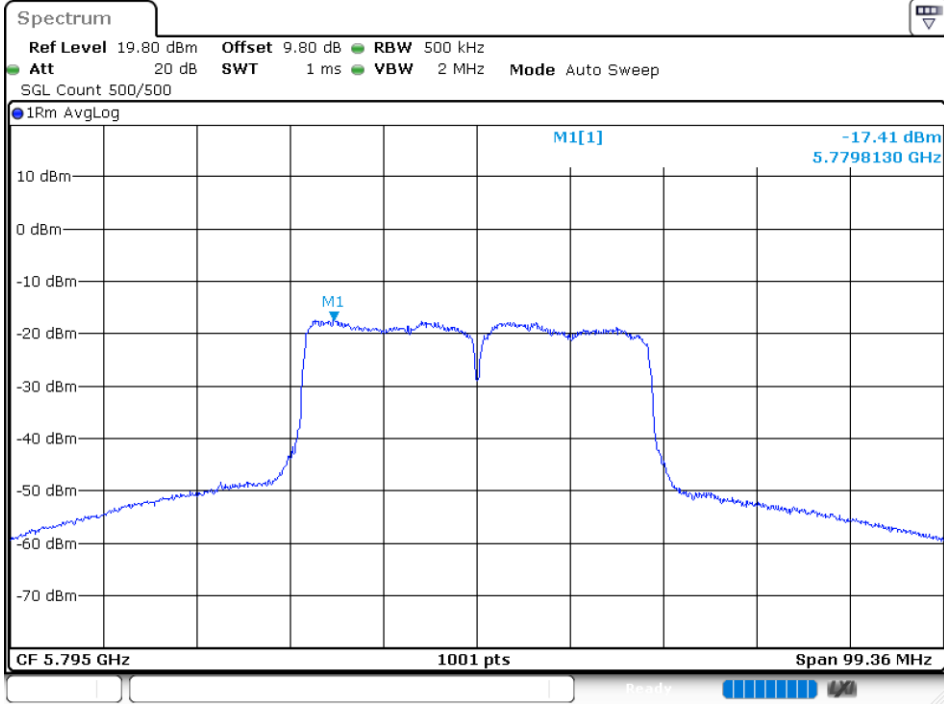
PSD NVNT 802.11n(HT20) 5825MHz Ant1



PSD NVNT 802.11n(HT40) 5755MHz Ant1



PSD NVNT 802.11n(HT40) 5795MHz Ant1

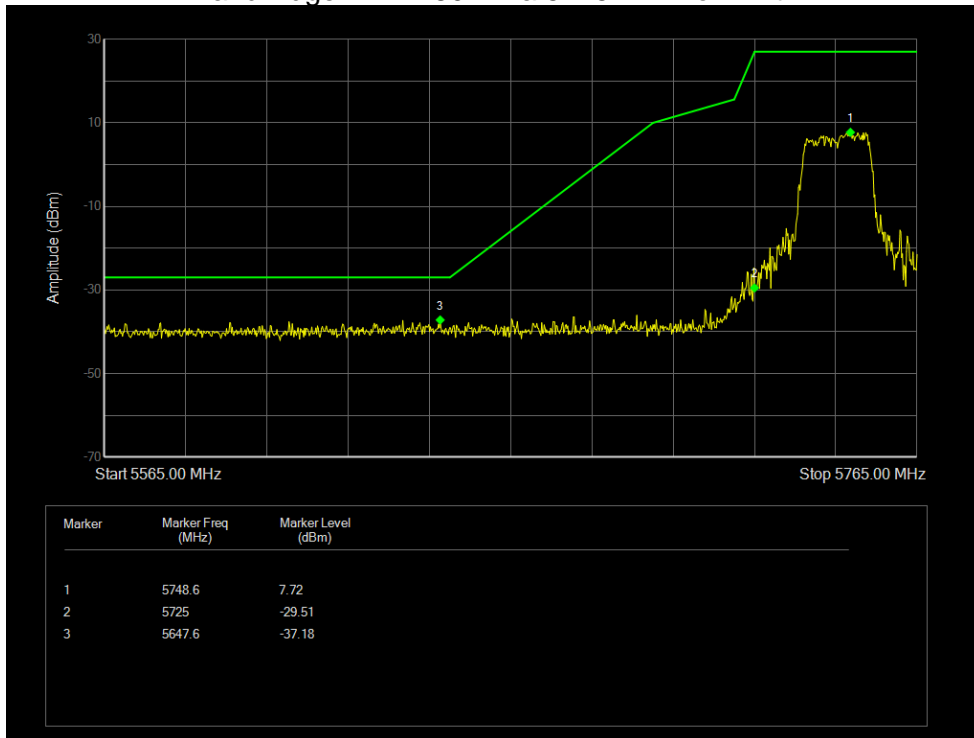




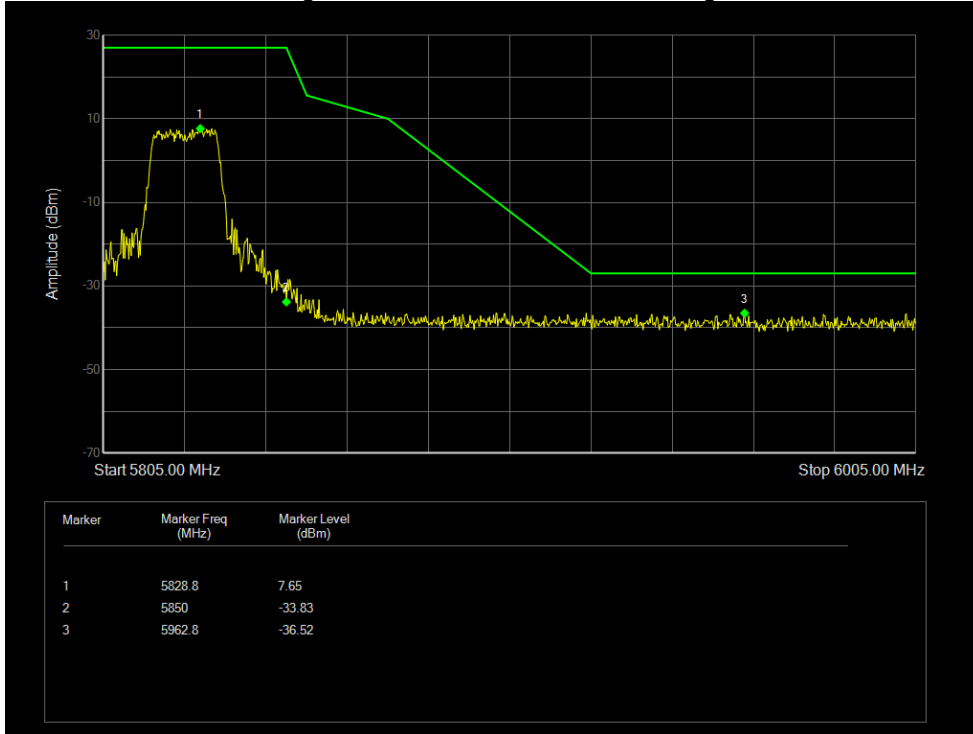
5.2.6 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-37.18	-27	Pass
NVNT	802.11a	5825	Ant 1	-36.52	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-37.43	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-36.52	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-37.48	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-35.1	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-39.41	-4.65	Pass
NVNT	802.11ac80	5775	Ant 1	-39.35	-23	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-36.87	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-36.21	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-37.69	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-36.9	-27	Pass

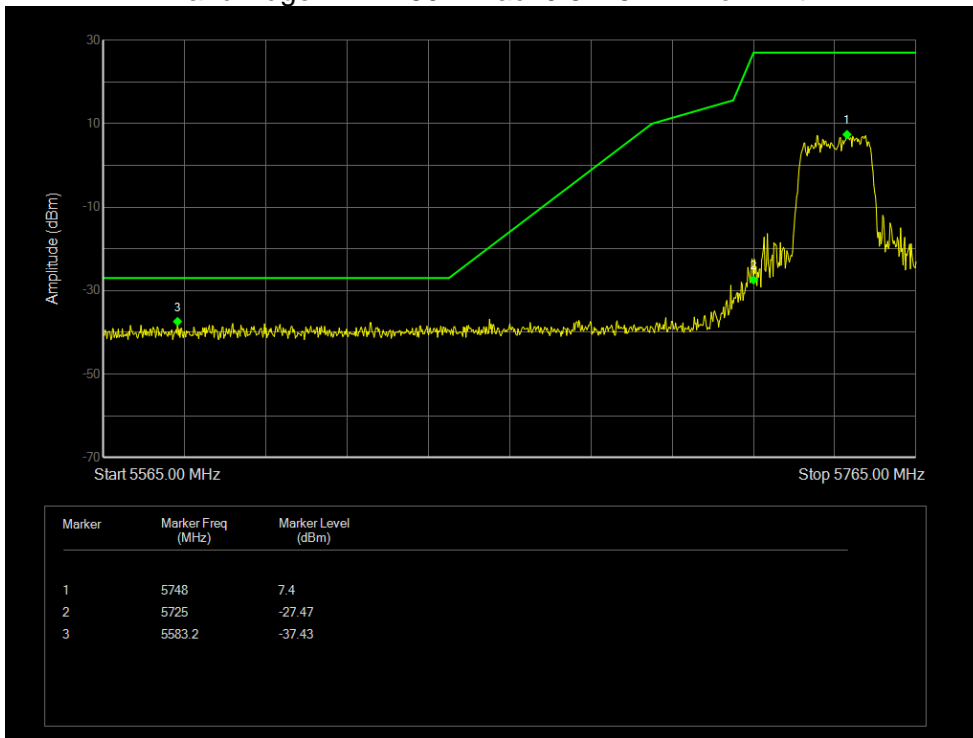
Band Edge NVNT 802.11a 5745MHz Low Ant1



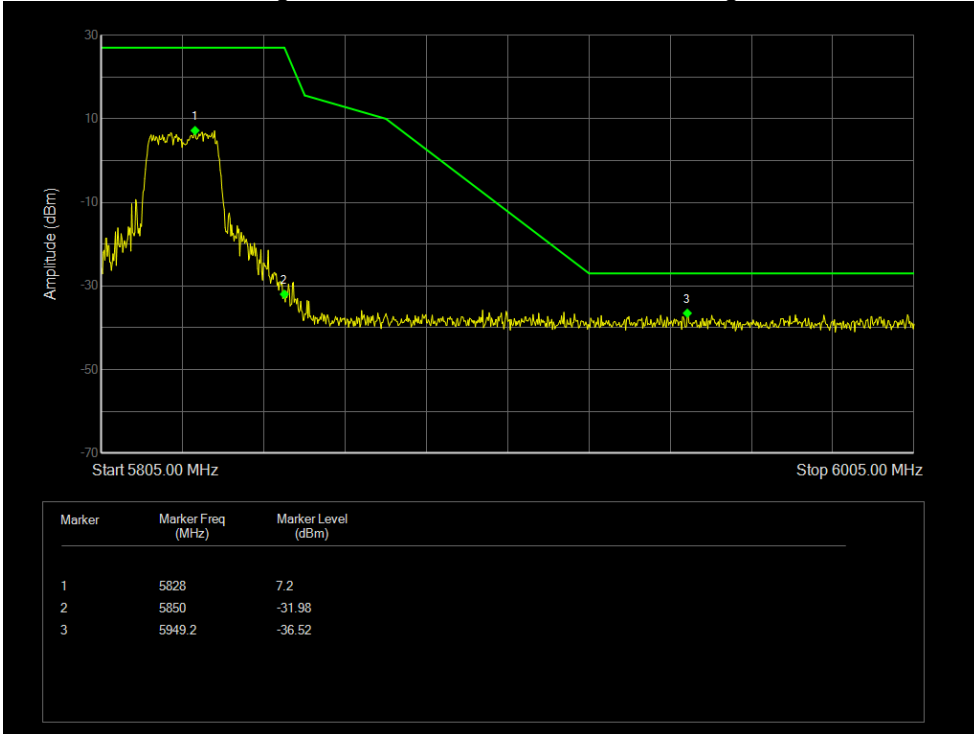
**Band Edge NVNT 802.11a 5825MHz High Ant1**



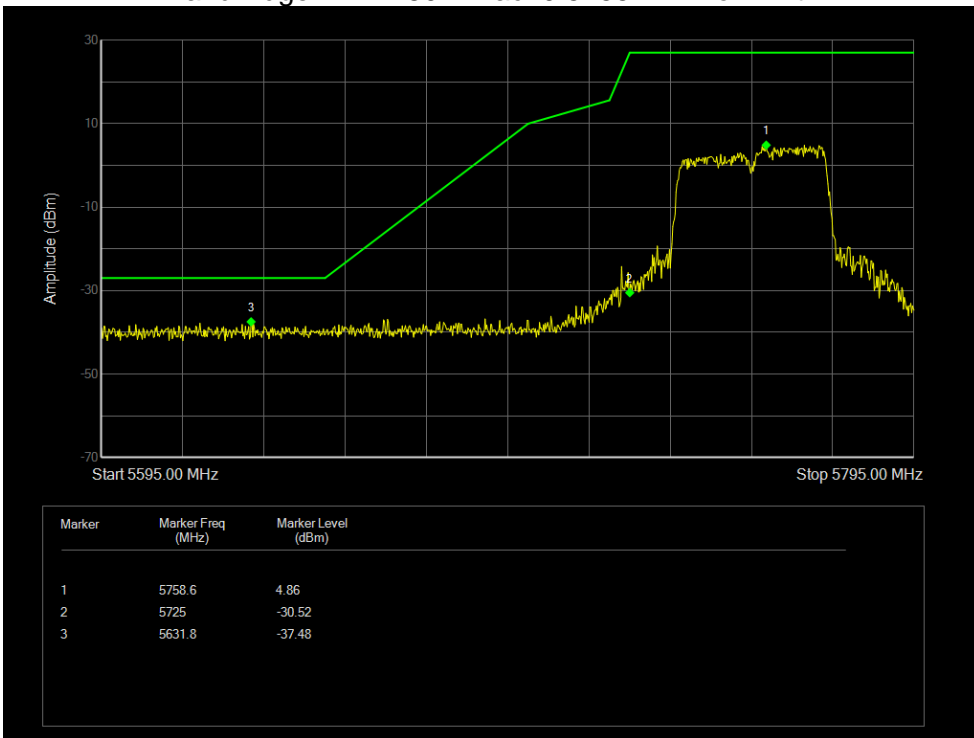
**Band Edge NVNT 802.11ac20 5745MHz Low Ant1**



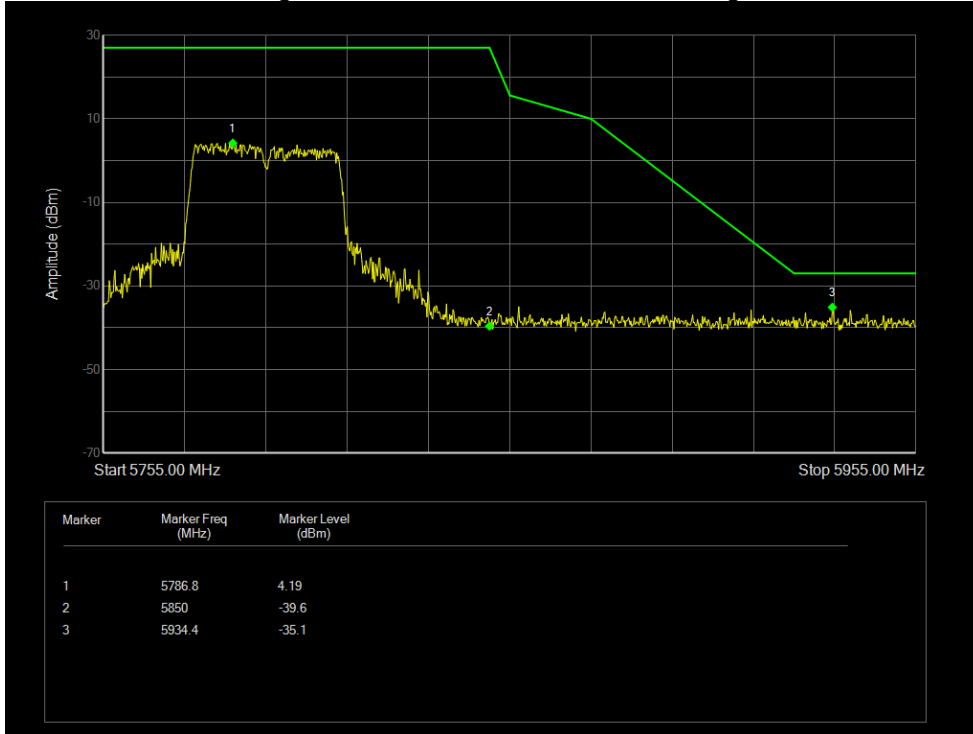
Band Edge NVNT 802.11ac20 5825MHz High Ant1



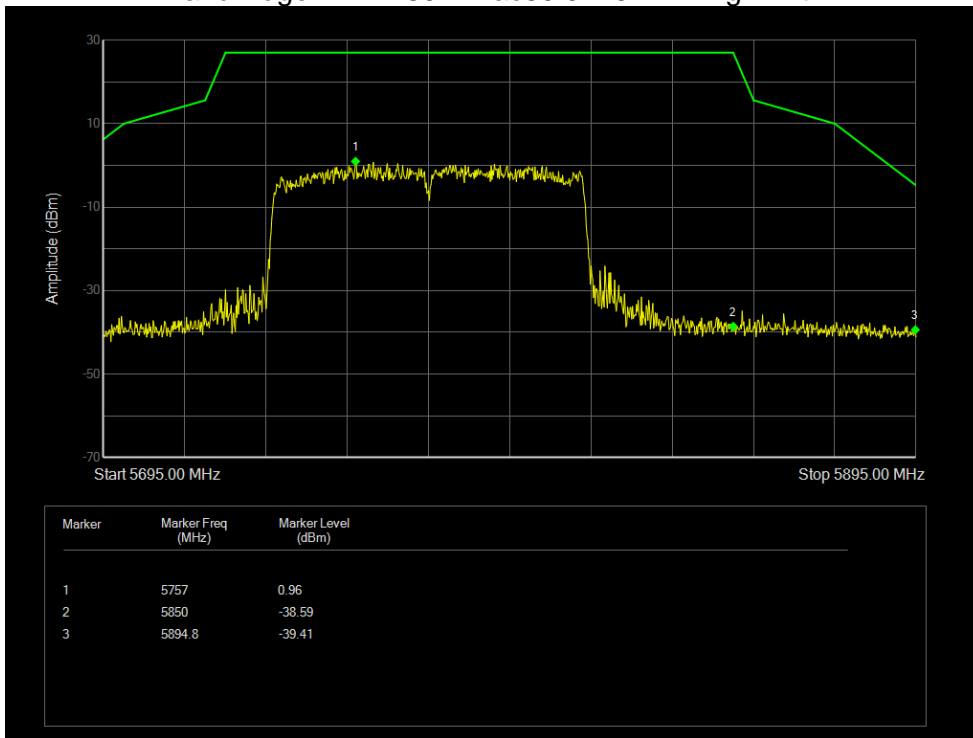
Band Edge NVNT 802.11ac40 5755MHz Low Ant1



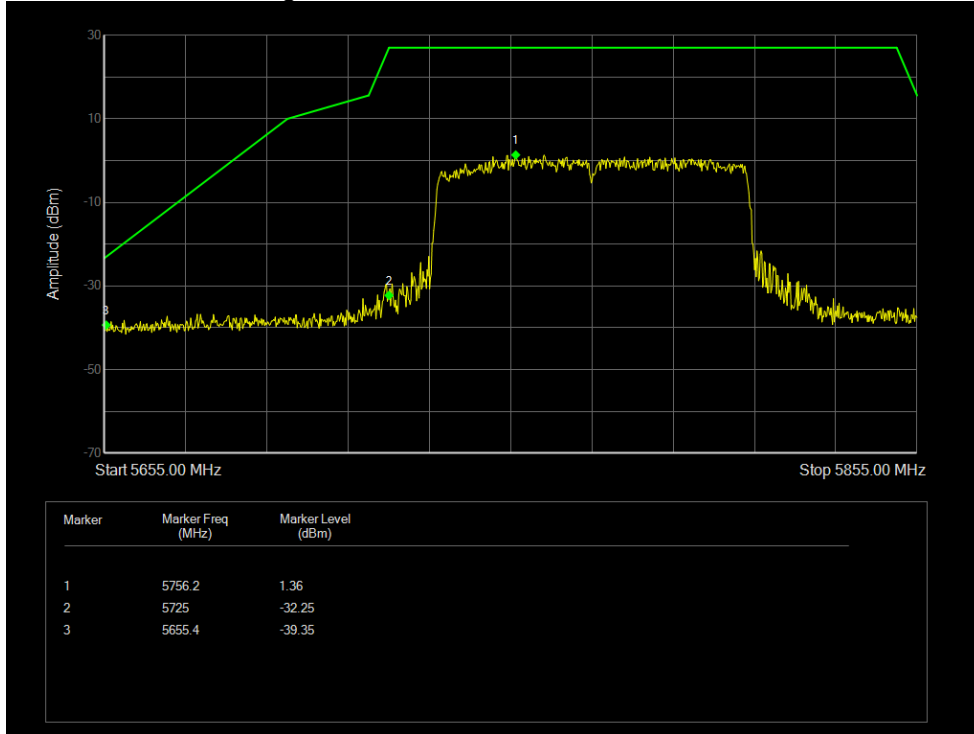
Band Edge NVNT 802.11ac40 5795MHz High Ant1



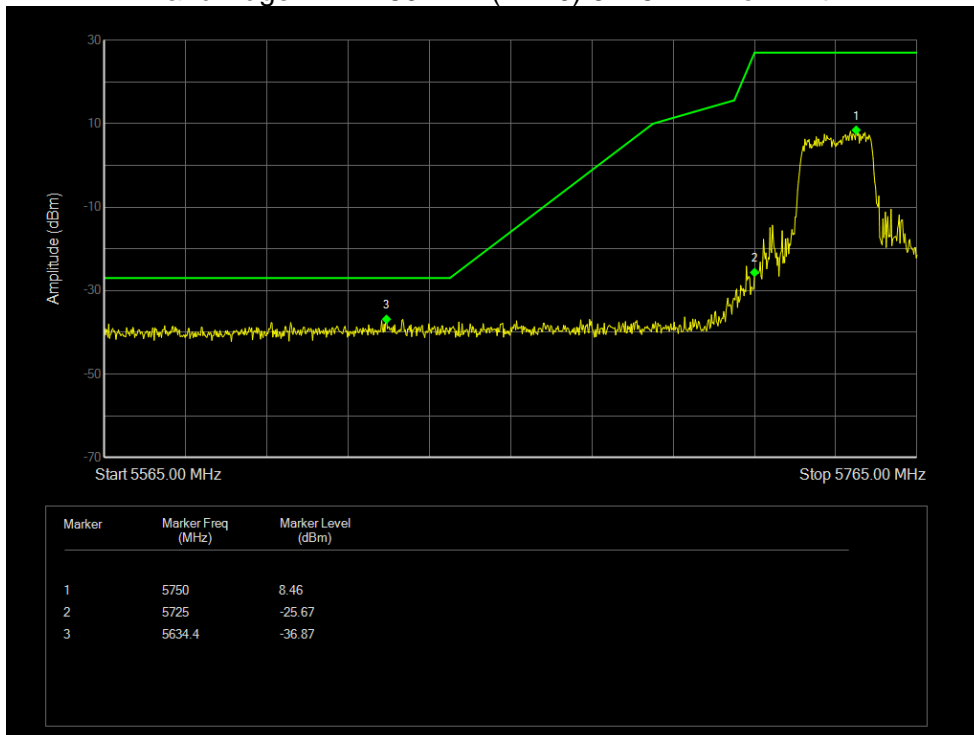
Band Edge NVNT 802.11ac80 5775MHz High Ant1



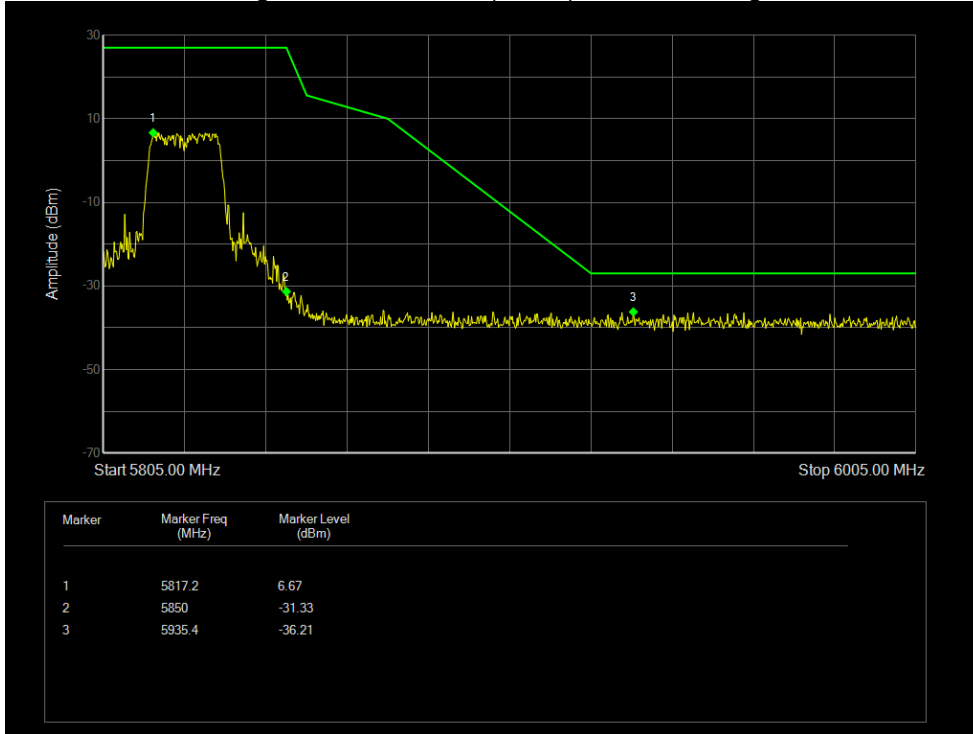
Band Edge NVNT 802.11ac80 5775MHz Low Ant1



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



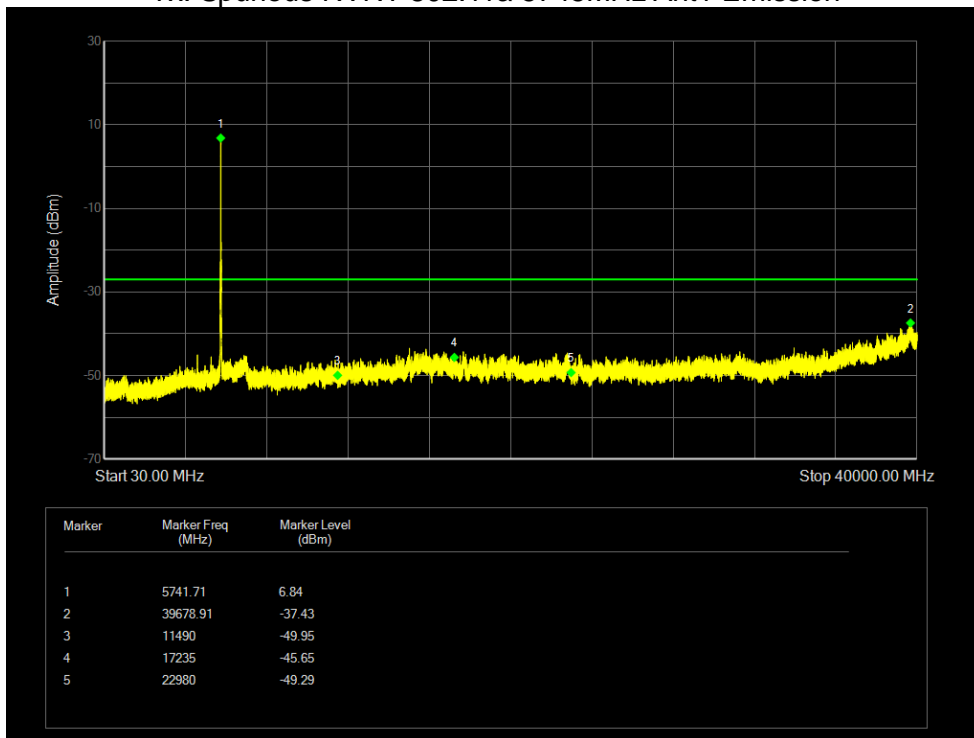
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant1



5.2.7 CONDUCTED RF SPURIOUS EMISSION

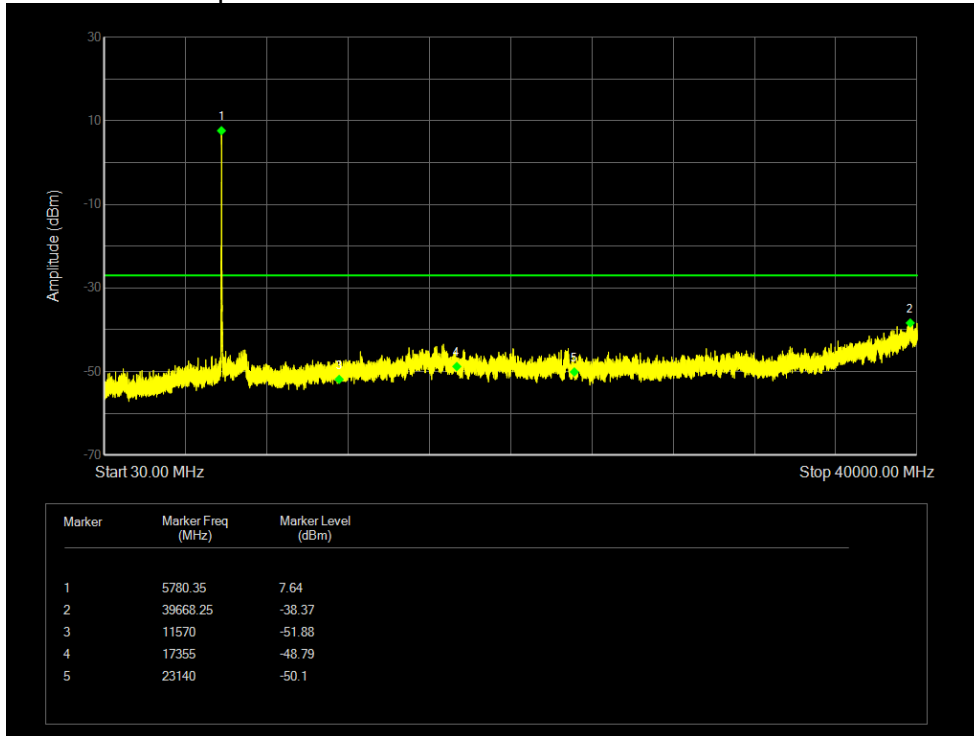
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5745	Ant 1	-37.43	-27	Pass
NVNT	802.11a	5785	Ant 1	-38.37	-27	Pass
NVNT	802.11a	5825	Ant 1	-37.23	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-36.51	-27	Pass
NVNT	802.11ac20	5785	Ant 1	-37.62	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-36.69	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-37.79	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-38.06	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-37.41	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-36.37	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-37.38	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-37.68	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-37.82	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-38.15	-27	Pass

Tx. Spurious NVNT 802.11a 5745MHz Ant1 Emission

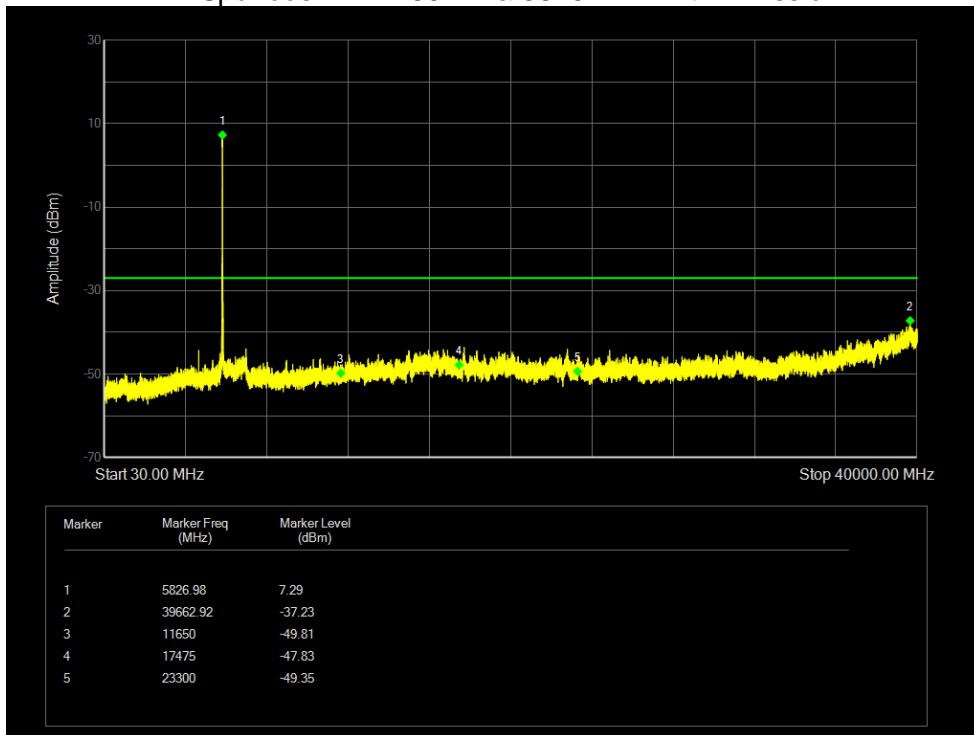




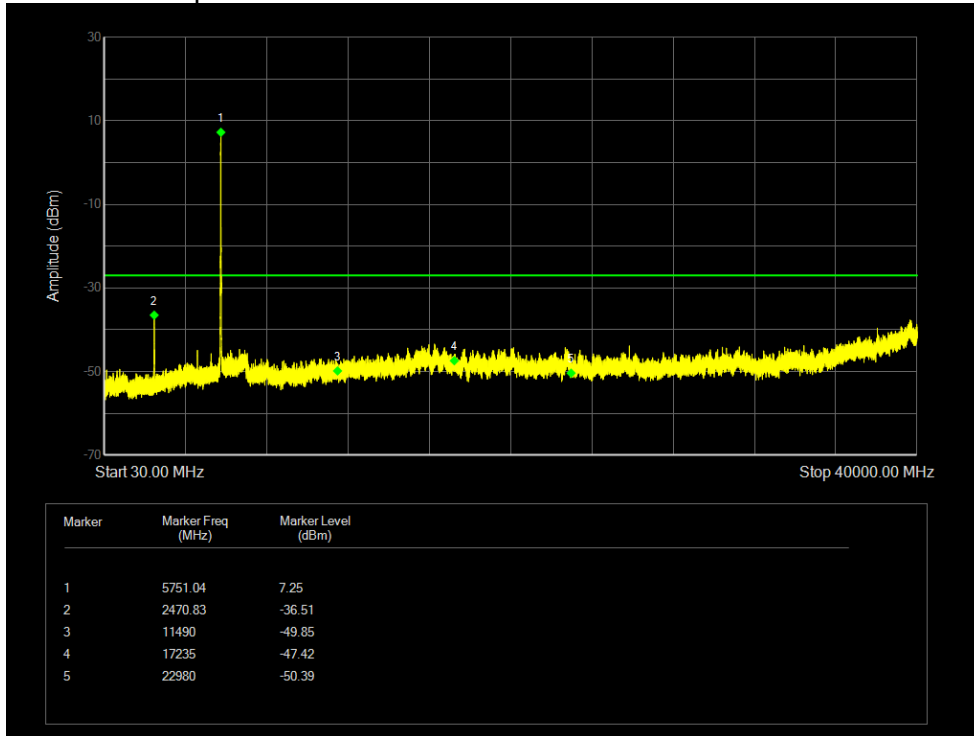
Tx. Spurious NVNT 802.11a 5785MHz Ant1 Emission



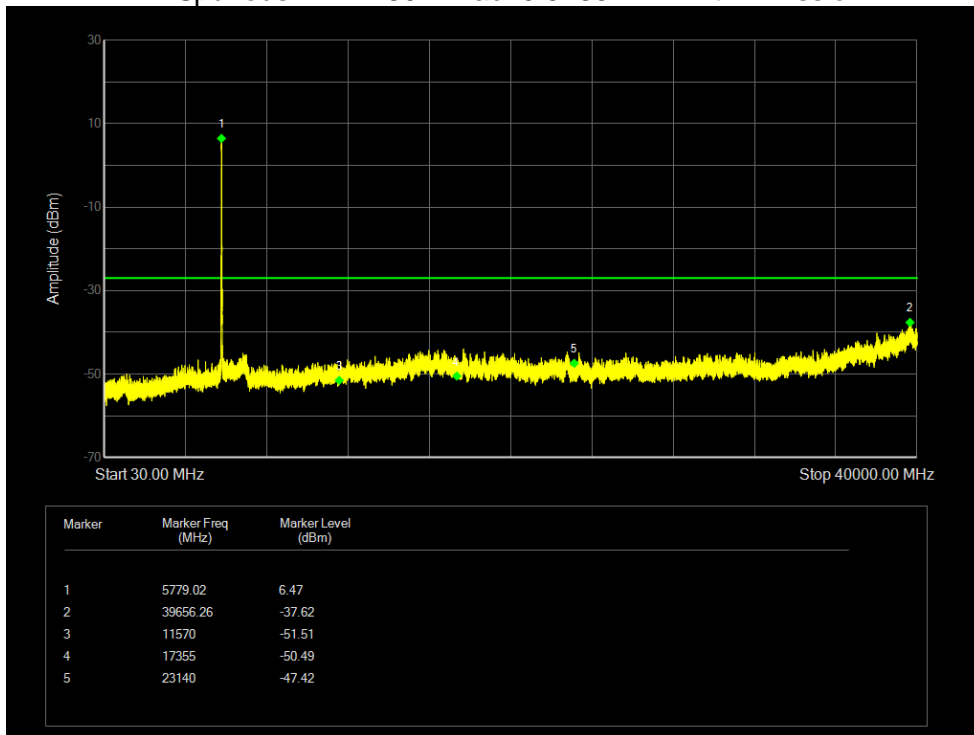
Tx. Spurious NVNT 802.11a 5825MHz Ant1 Emission



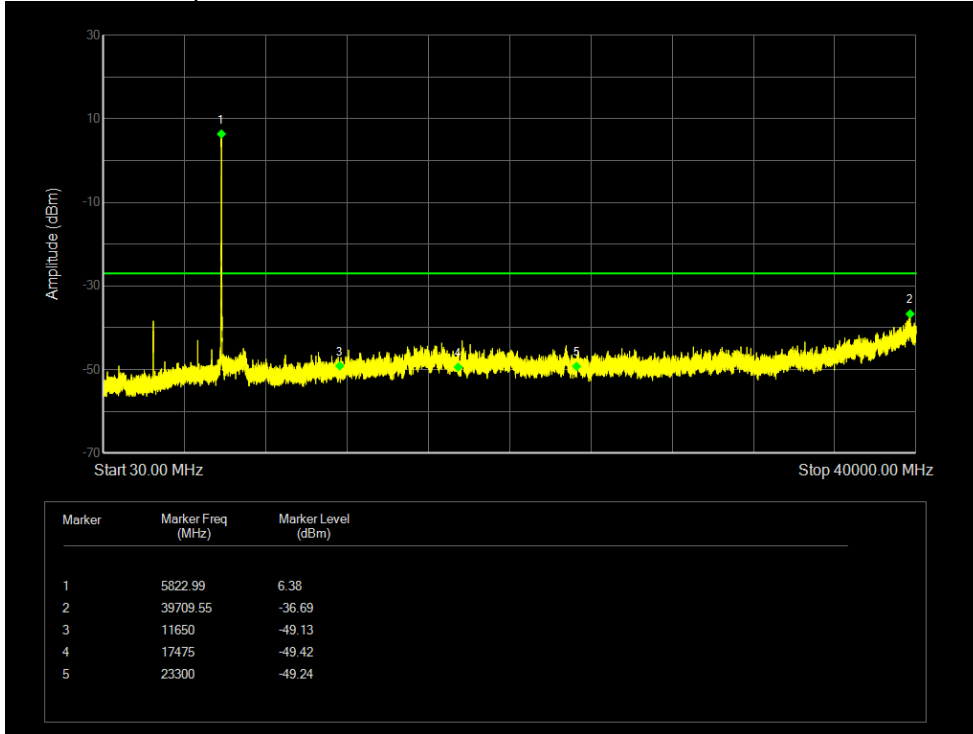
Tx. Spurious NVNT 802.11ac20 5745MHz Ant1 Emission



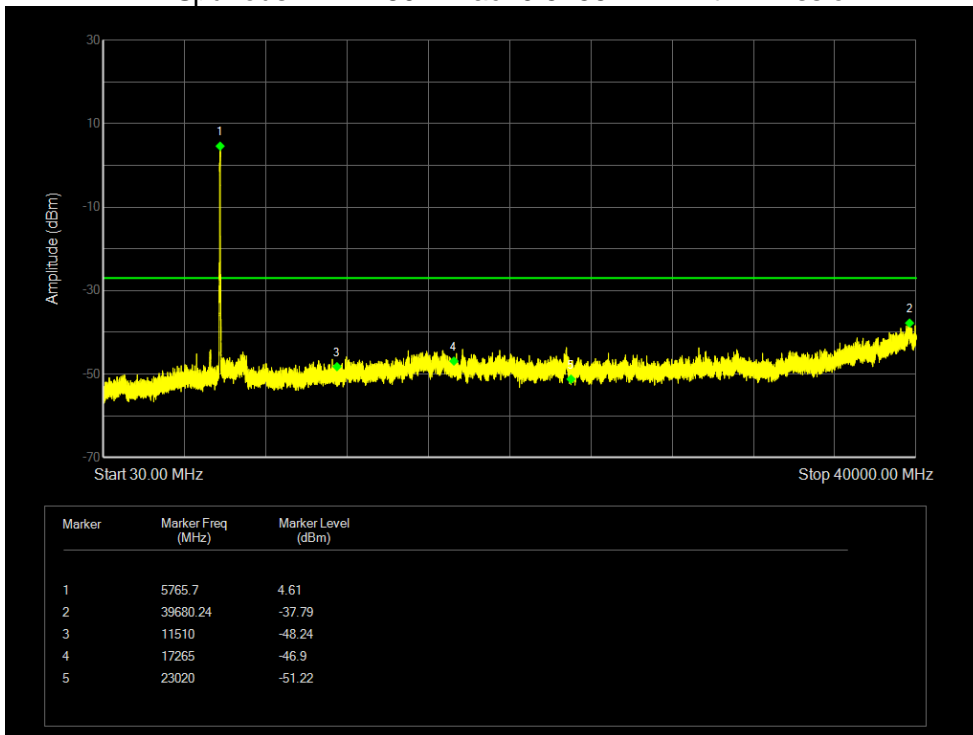
Tx. Spurious NVNT 802.11ac20 5785MHz Ant1 Emission



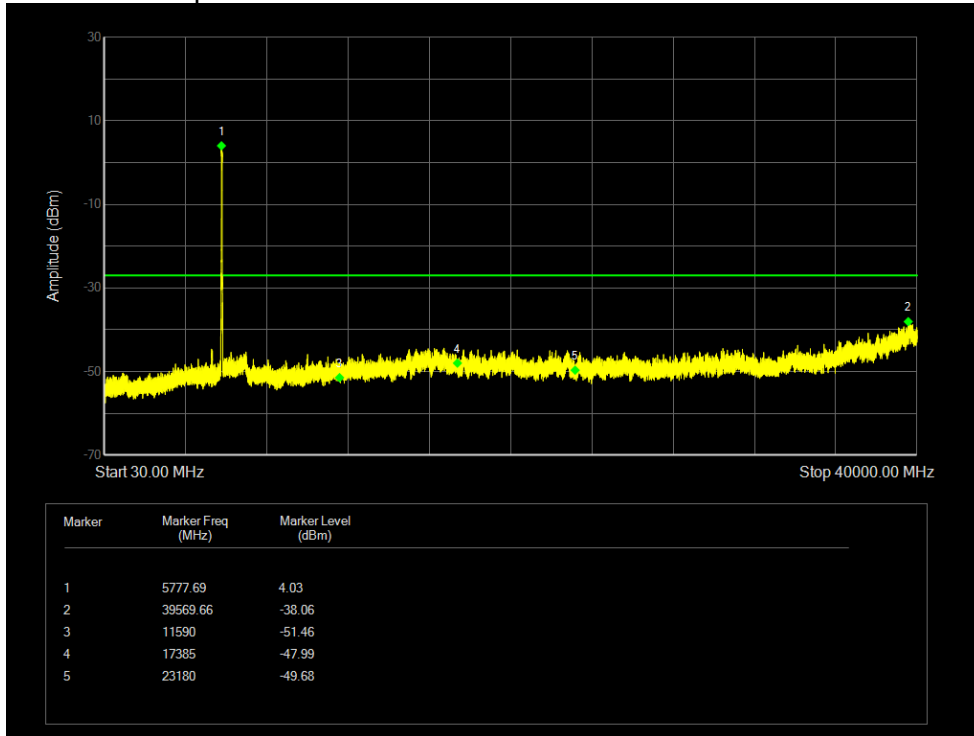
Tx. Spurious NVNT 802.11ac20 5825MHz Ant1 Emission



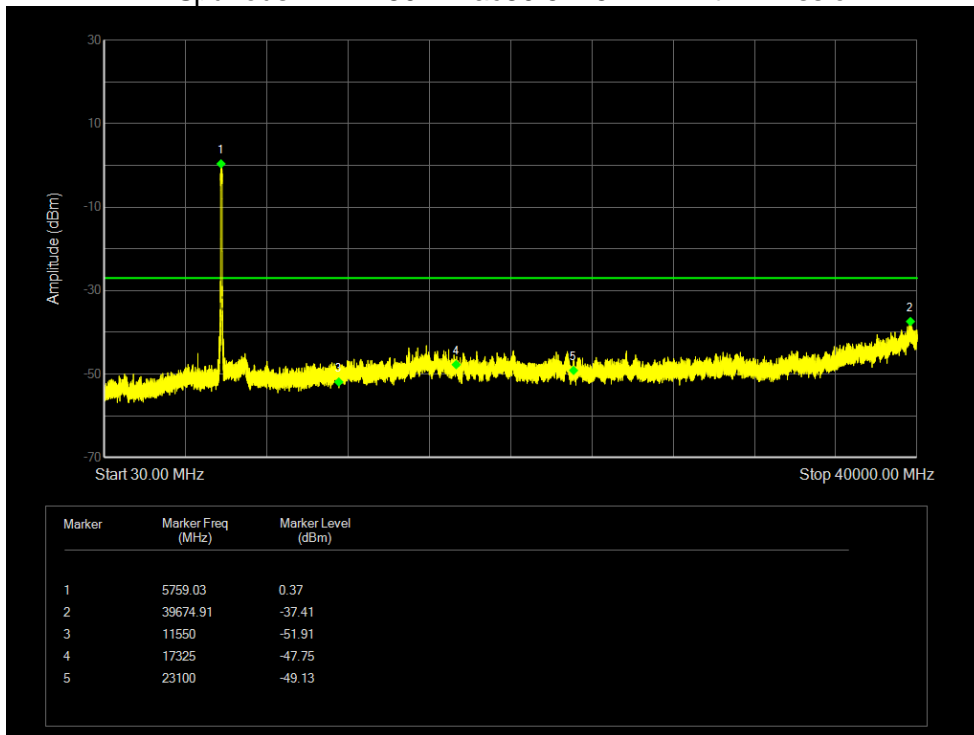
Tx. Spurious NVNT 802.11ac40 5755MHz Ant1 Emission



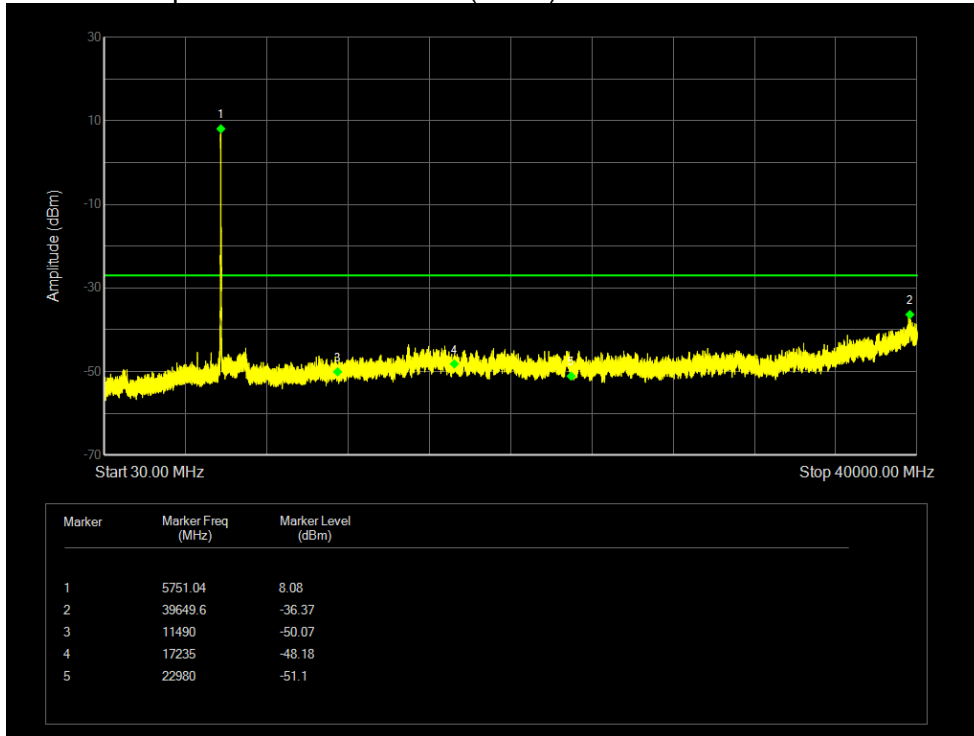
Tx. Spurious NVNT 802.11ac40 5795MHz Ant1 Emission



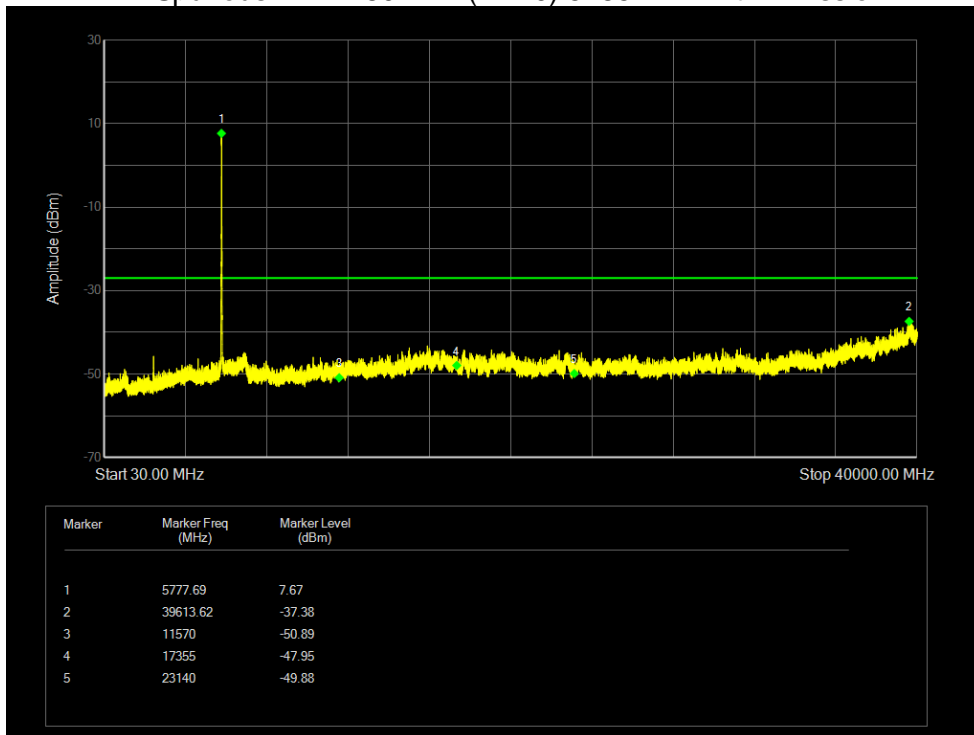
Tx. Spurious NVNT 802.11ac80 5775MHz Ant1 Emission



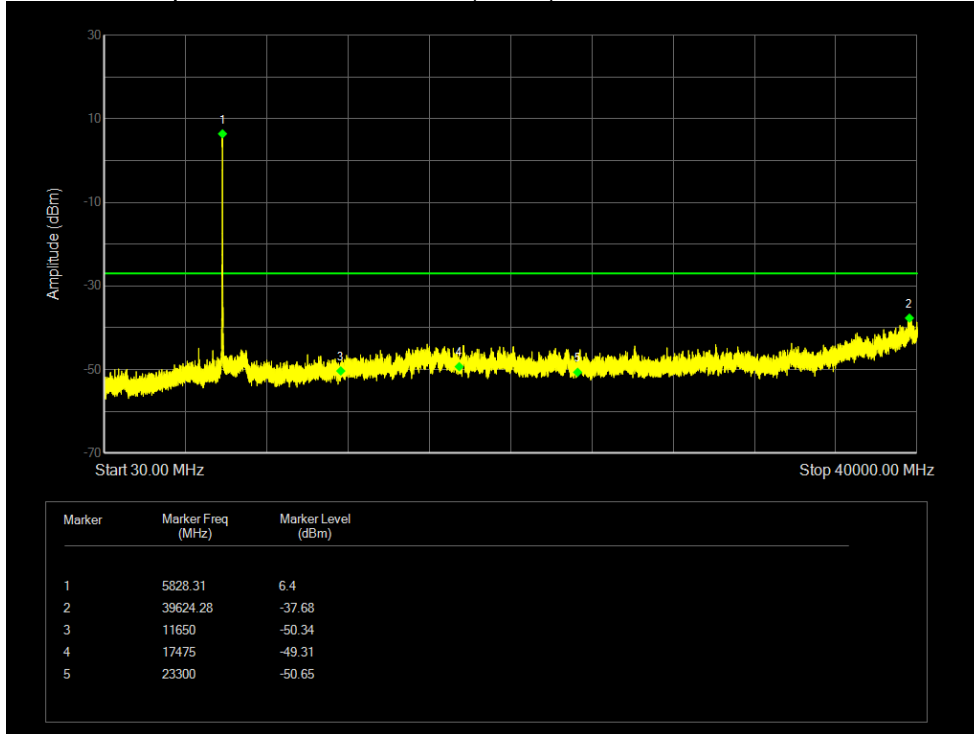
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant1 Emission



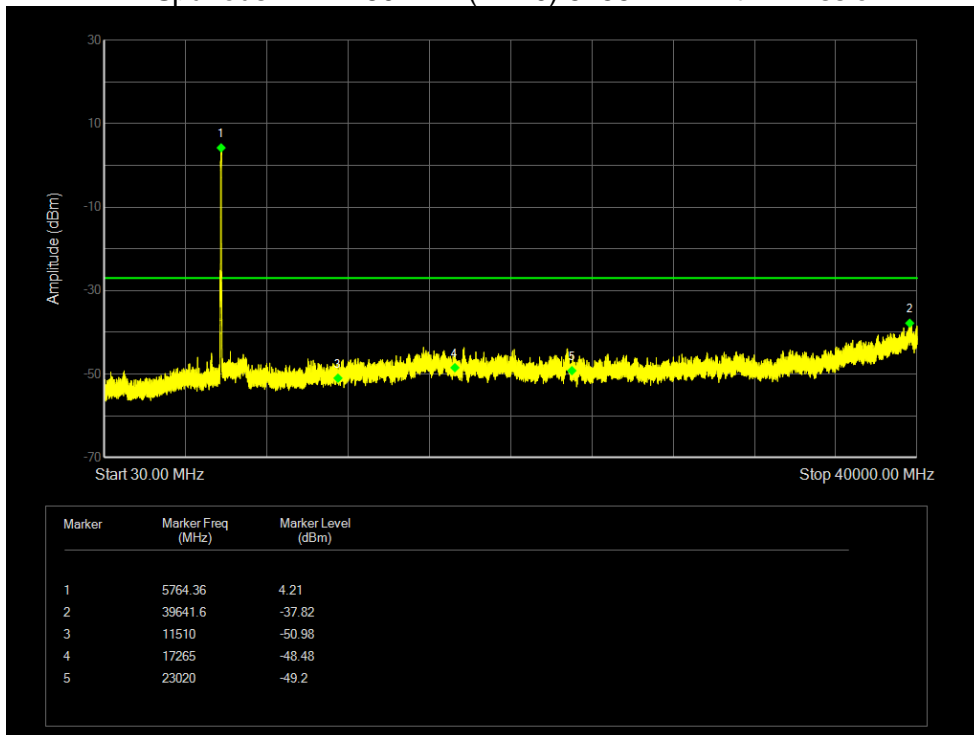
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant1 Emission



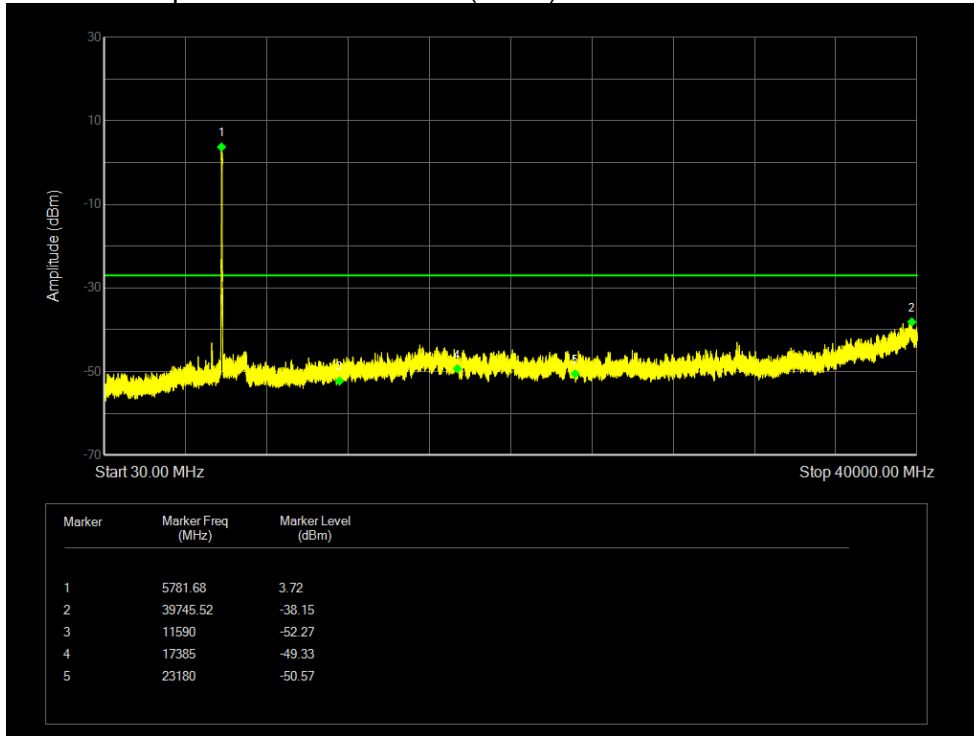
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant1 Emission



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



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



END OF REPORT