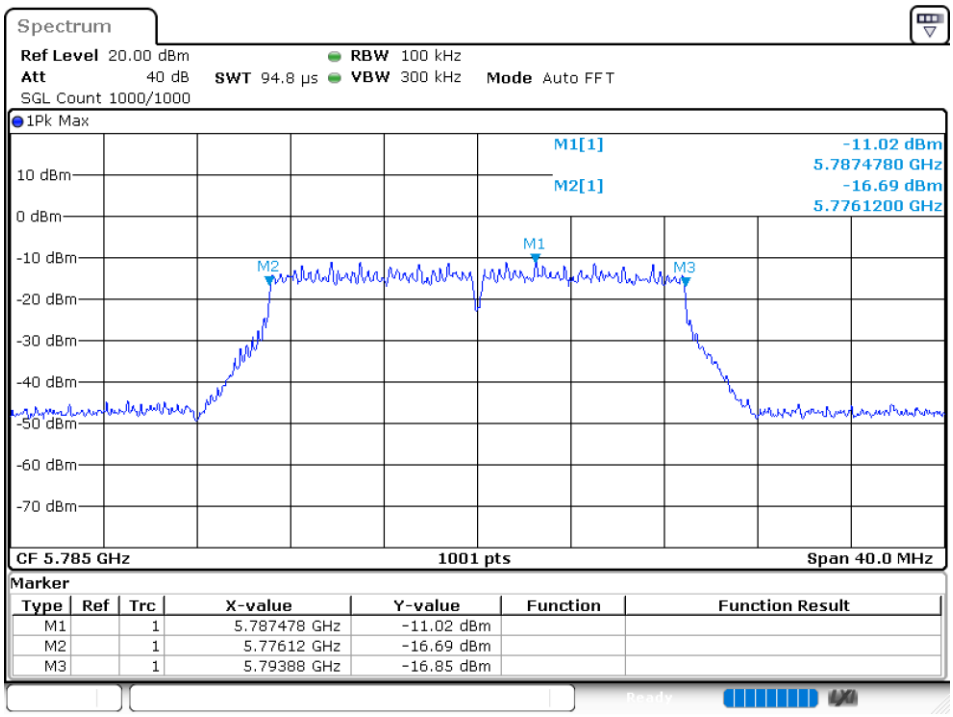
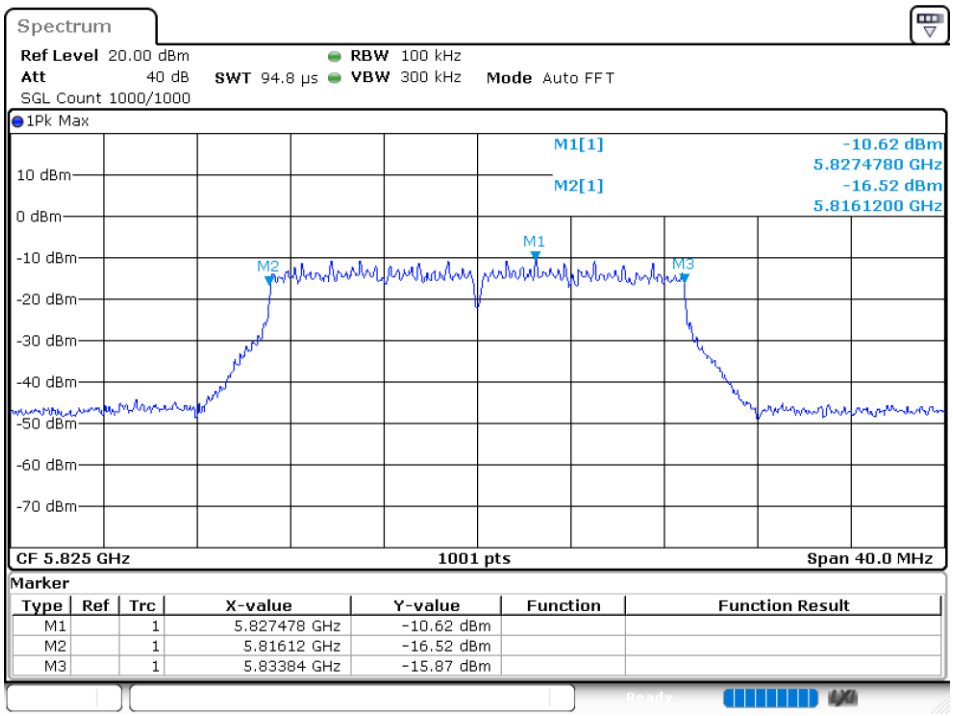


EBW NVNT 802.11n(HT20) 5825MHz Ant1

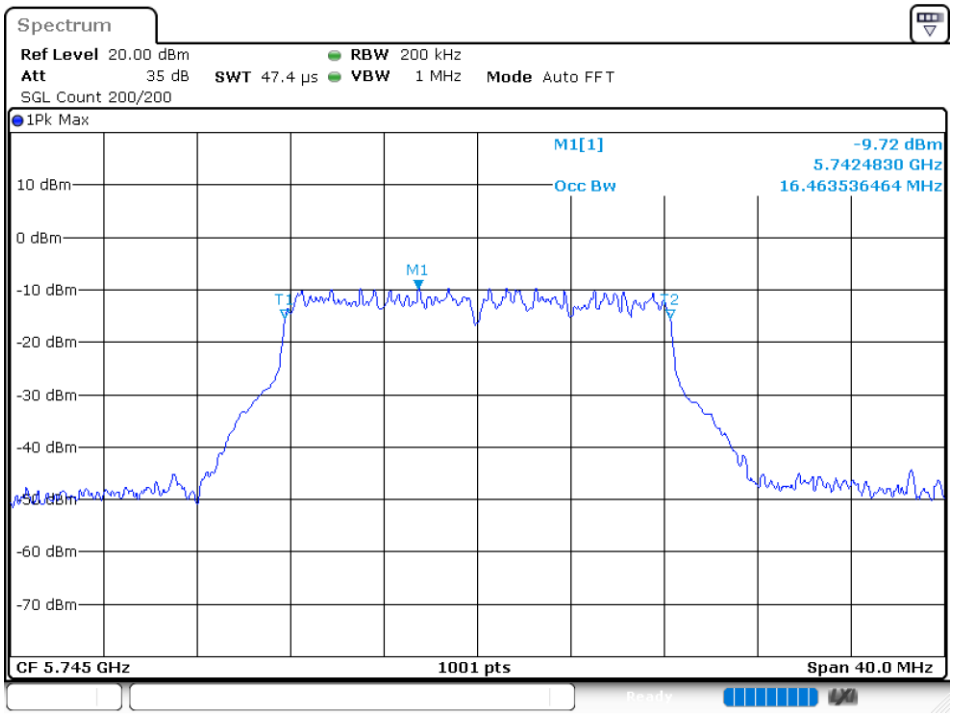


Occupied Channel Bandwidth

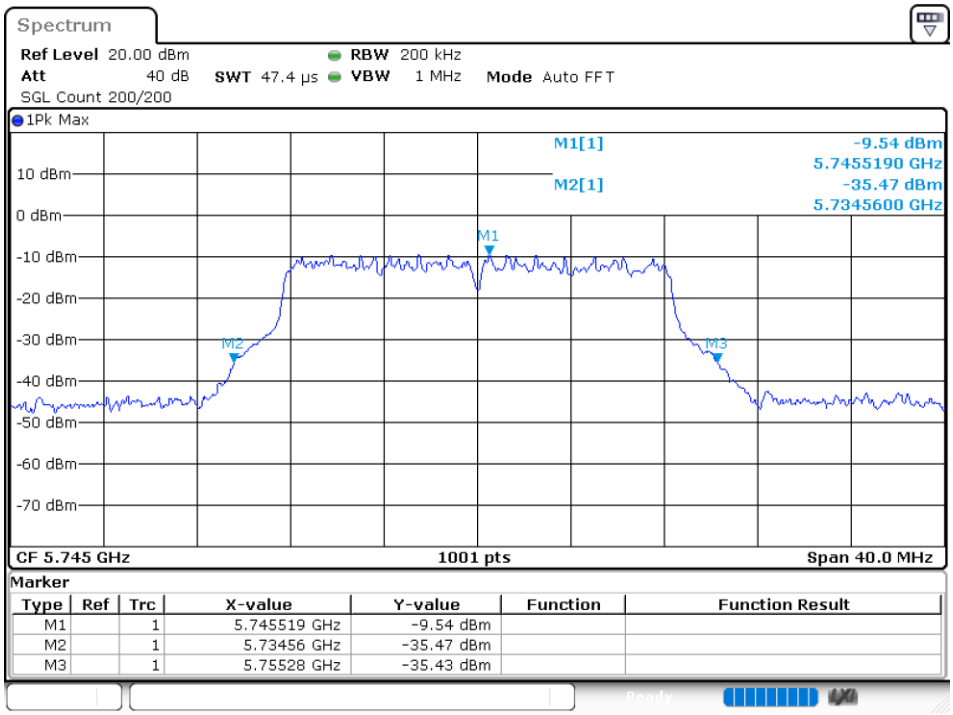
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	16.4635	20.72	Pass
NVNT	802.11a	5785	Ant 1	16.5035	20.84	Pass
NVNT	802.11a	5825	Ant 1	16.5435	20.84	Pass
NVNT	802.11ac20	5745	Ant 1	17.7023	21.16	Pass
NVNT	802.11ac20	5785	Ant 1	17.7423	21.24	Pass

NVNT	802.11ac20	5825	Ant 1	17.7423	21.36	Pass
NVNT	802.11n(HT20)	5745	Ant 1	17.7423	21.36	Pass
NVNT	802.11n(HT20)	5785	Ant 1	17.7822	21.28	Pass
NVNT	802.11n(HT20)	5825	Ant 1	17.7423	21.6	Pass

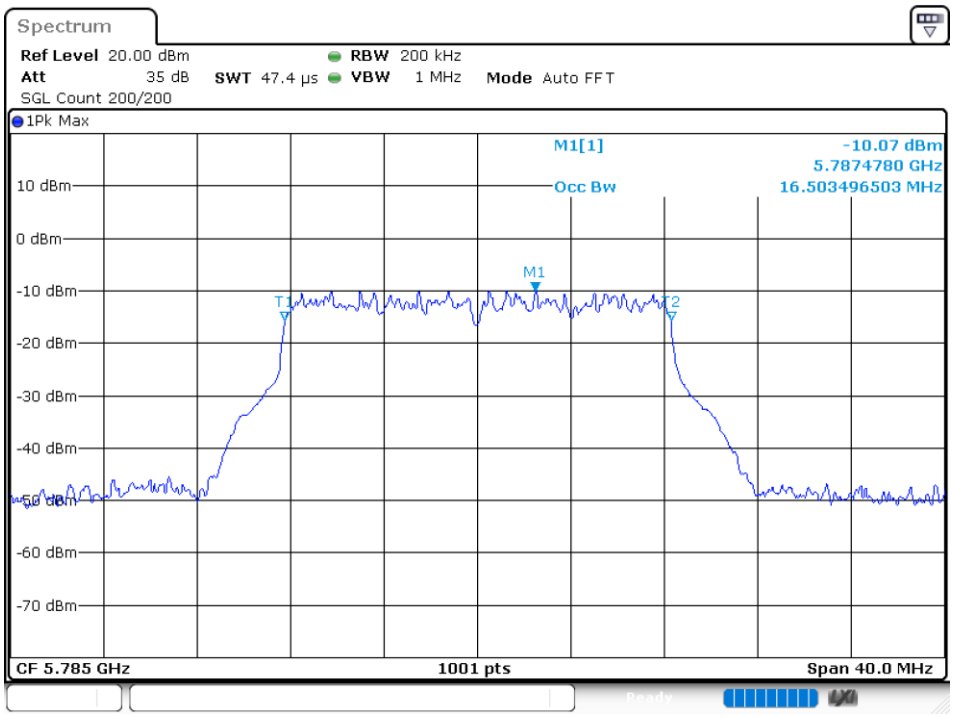
OBW NVNT 802.11a 5745MHz Ant1



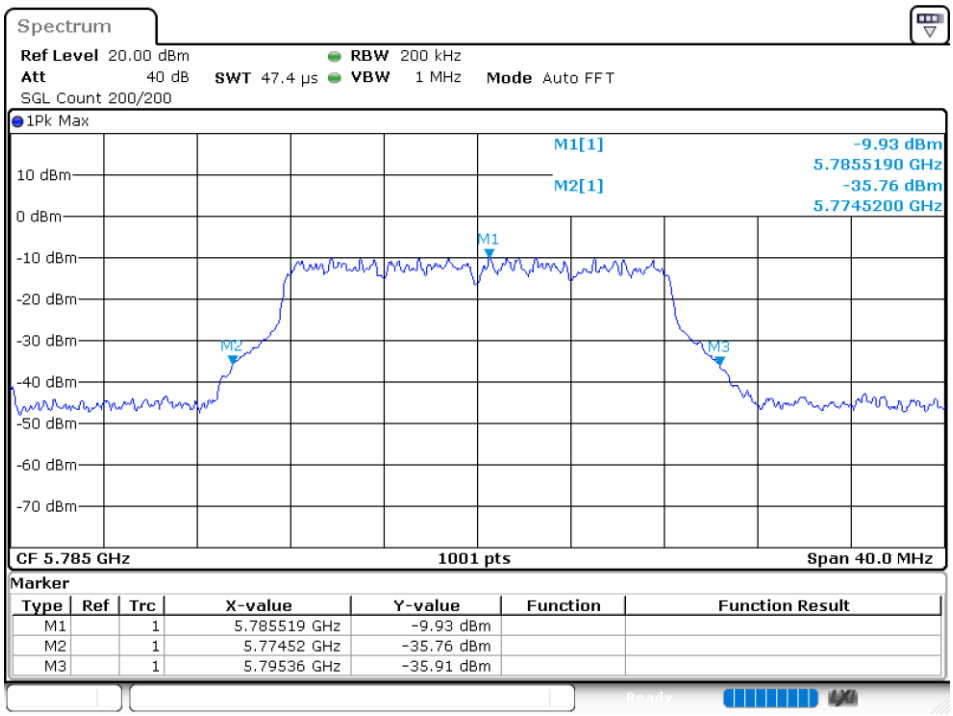
-26 dB BW NVNT 802.11a 5745MHz Ant1



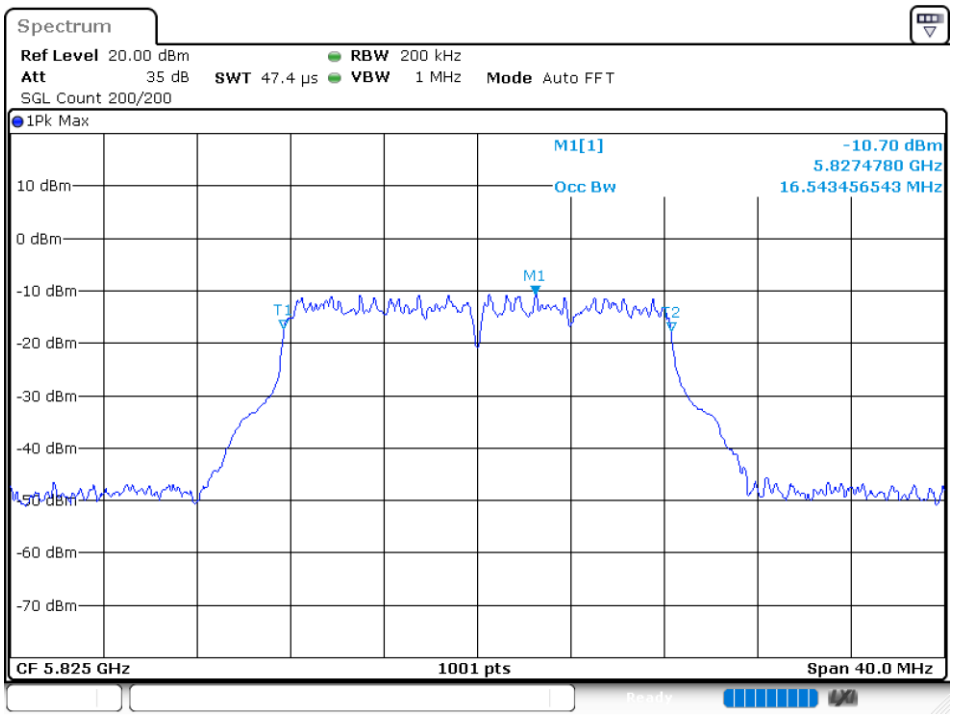
OBW NVNT 802.11a 5785MHz Ant1



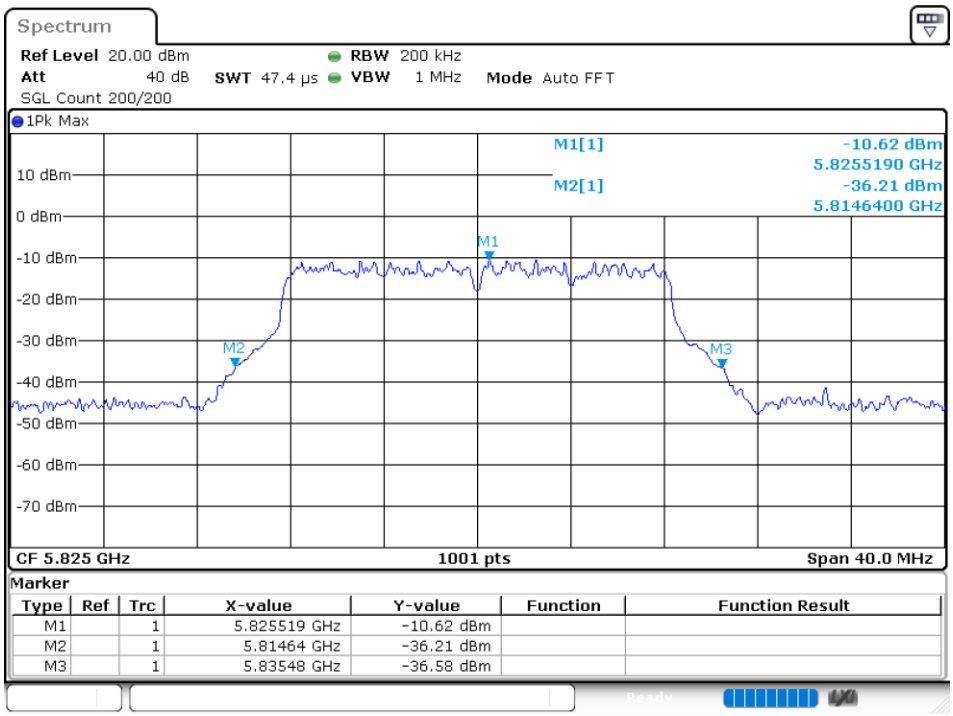
-26 dB BW NVNT 802.11a 5785MHz Ant1



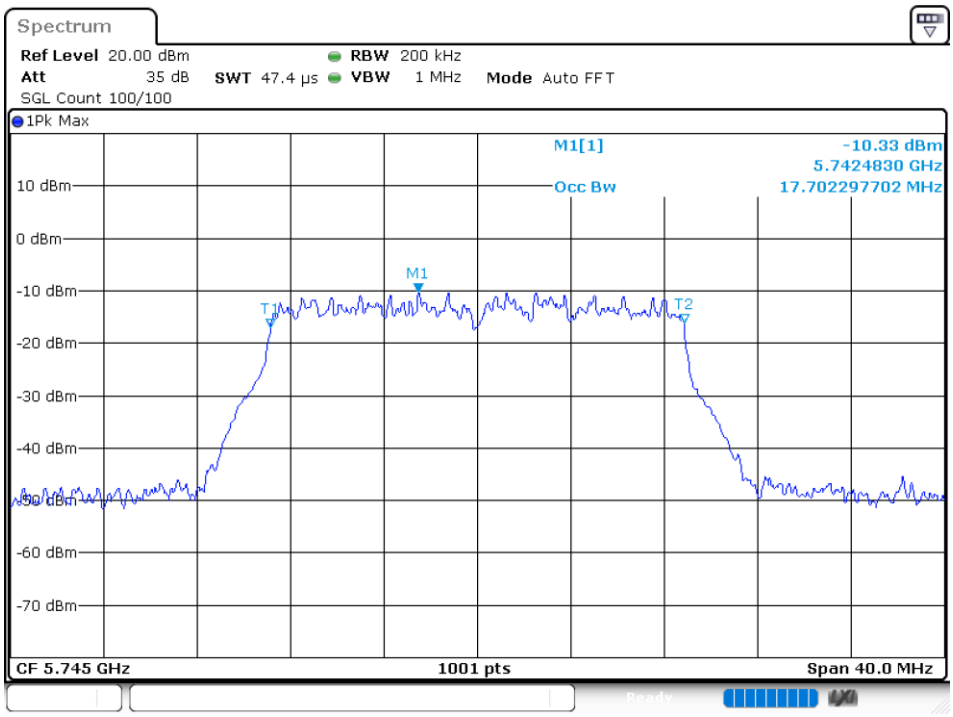
OBW NVNT 802.11a 5825MHz Ant1



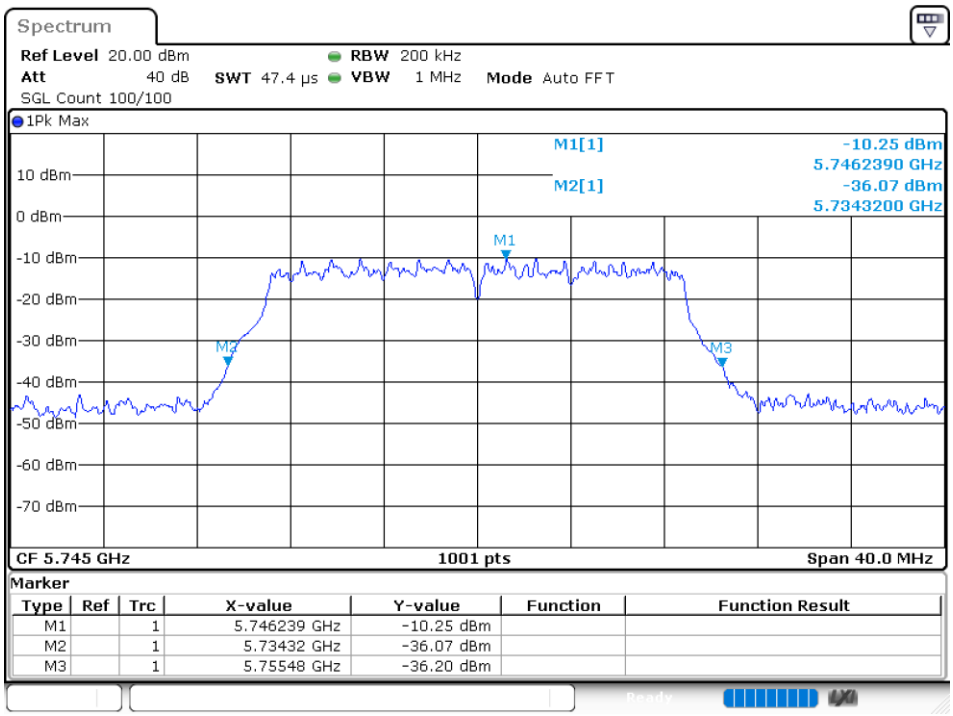
-26 dB BW NVNT 802.11a 5825MHz Ant1



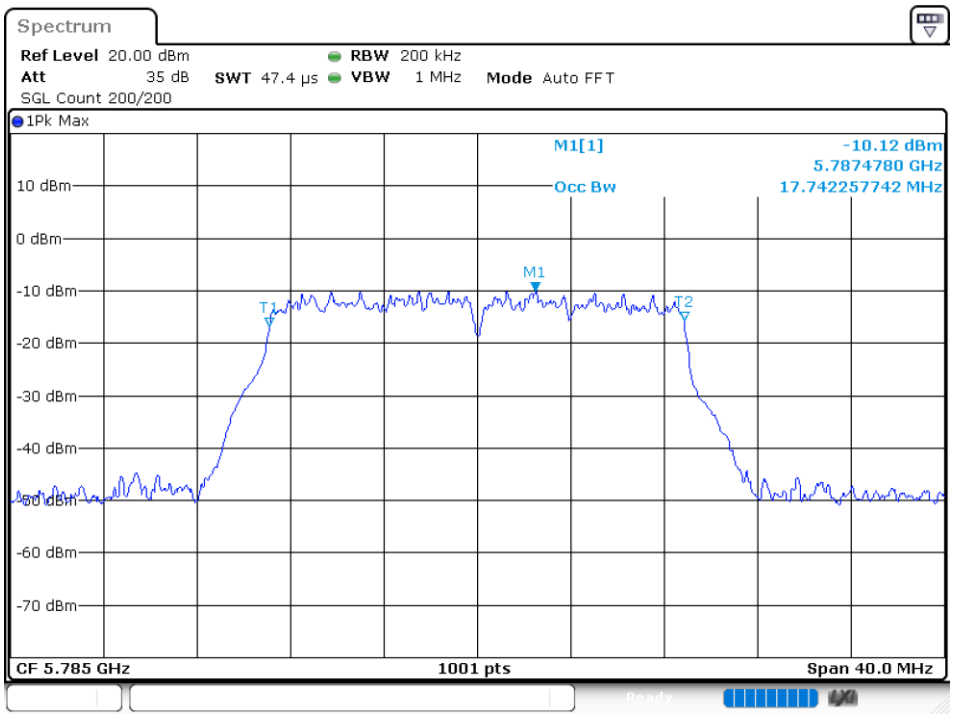
OBW NVNT 802.11ac20 5745MHz Ant1



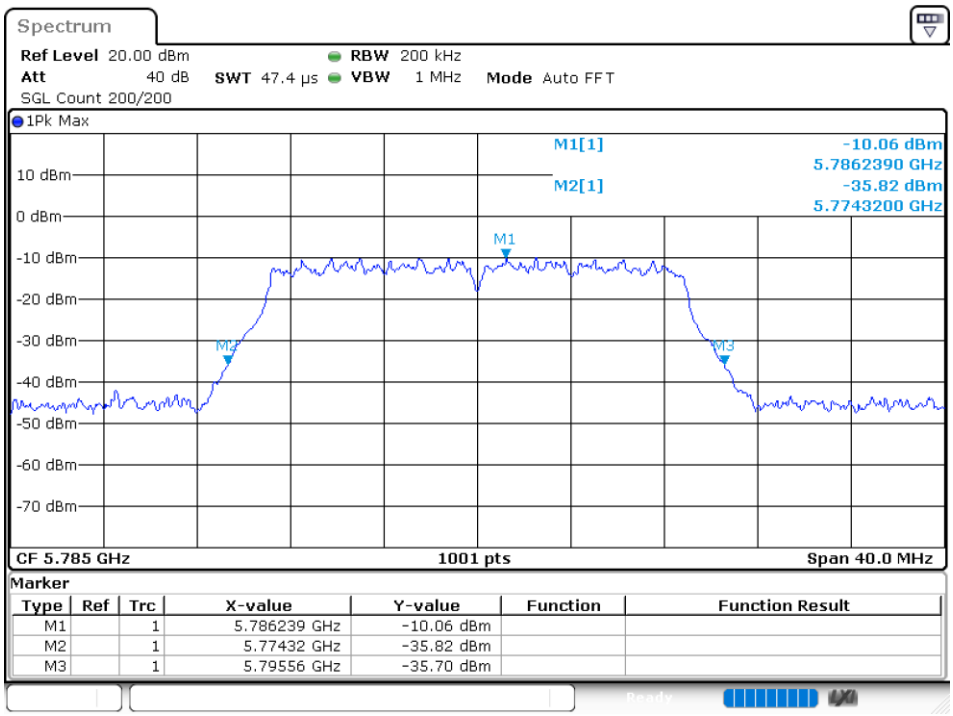
-26 dB BW NVNT 802.11ac20 5745MHz Ant1



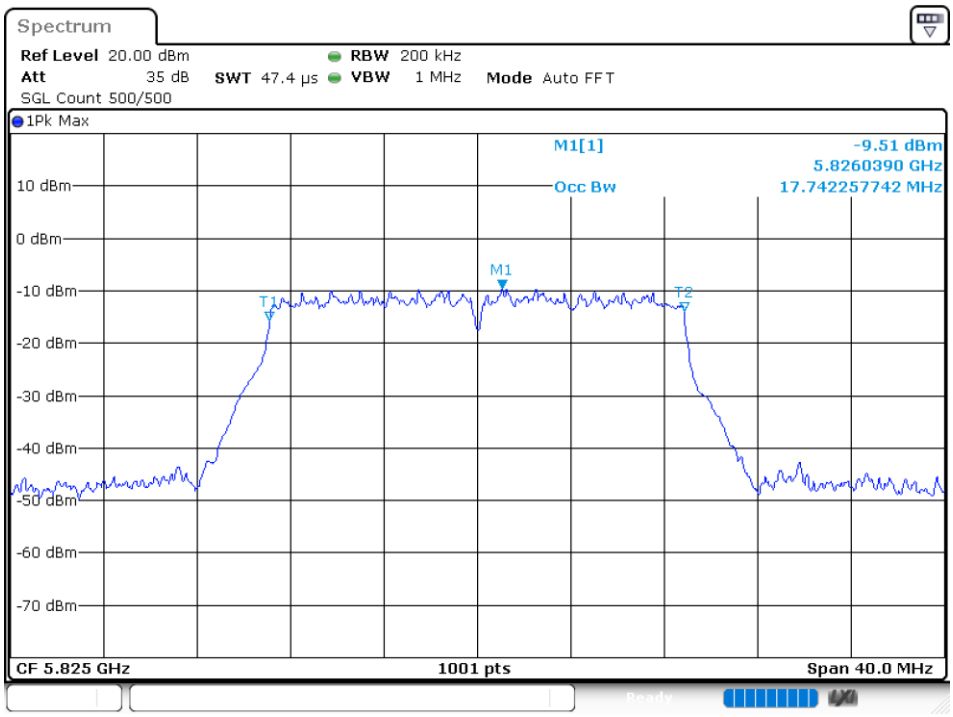
OBW NVNT 802.11ac20 5785MHz Ant1



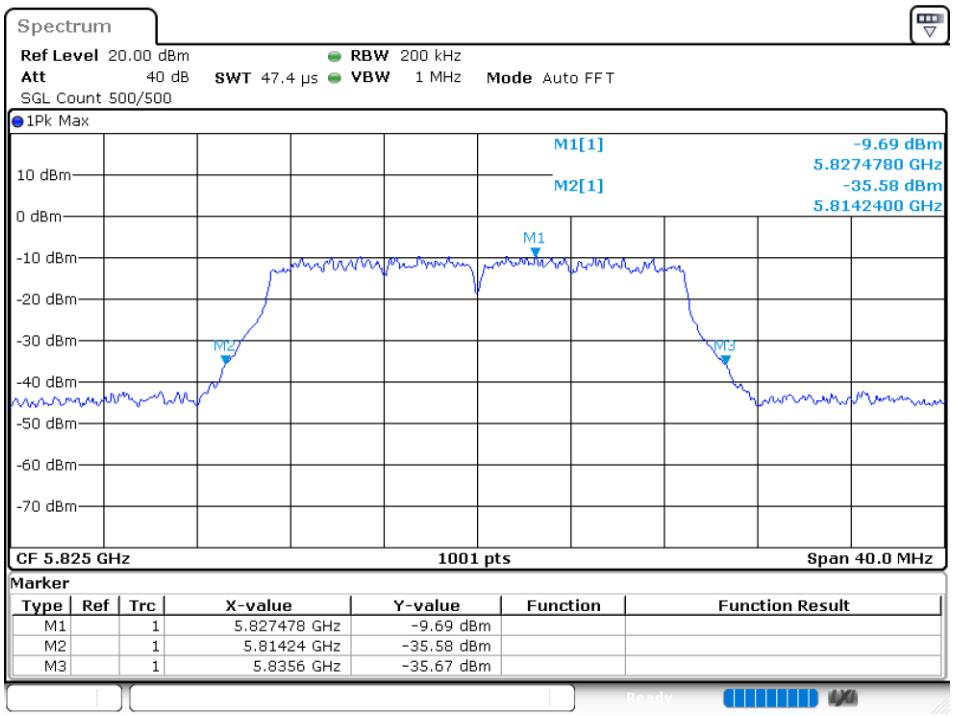
-26 dB BW NVNT 802.11ac20 5785MHz Ant1



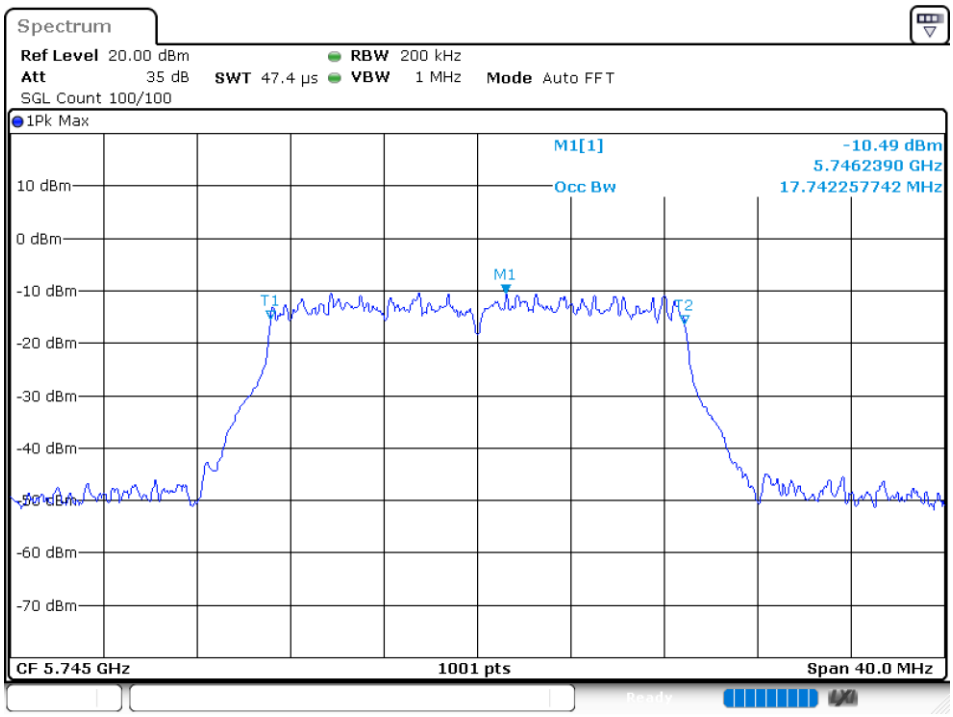
OBW NVNT 802.11ac20 5825MHz Ant1



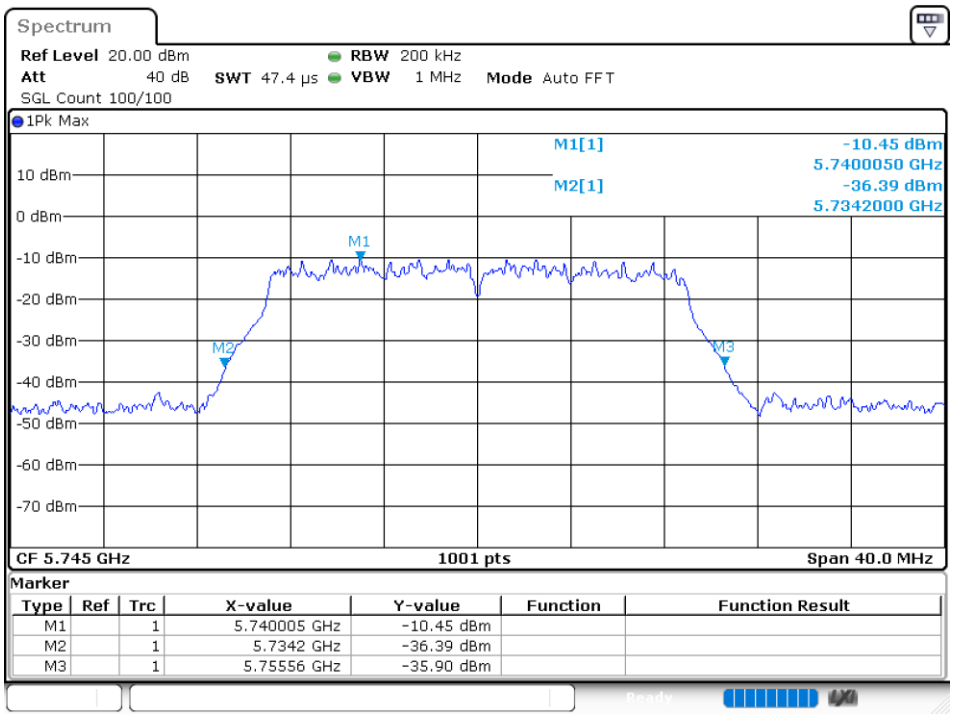
-26 dB BW NVNT 802.11ac20 5825MHz Ant1



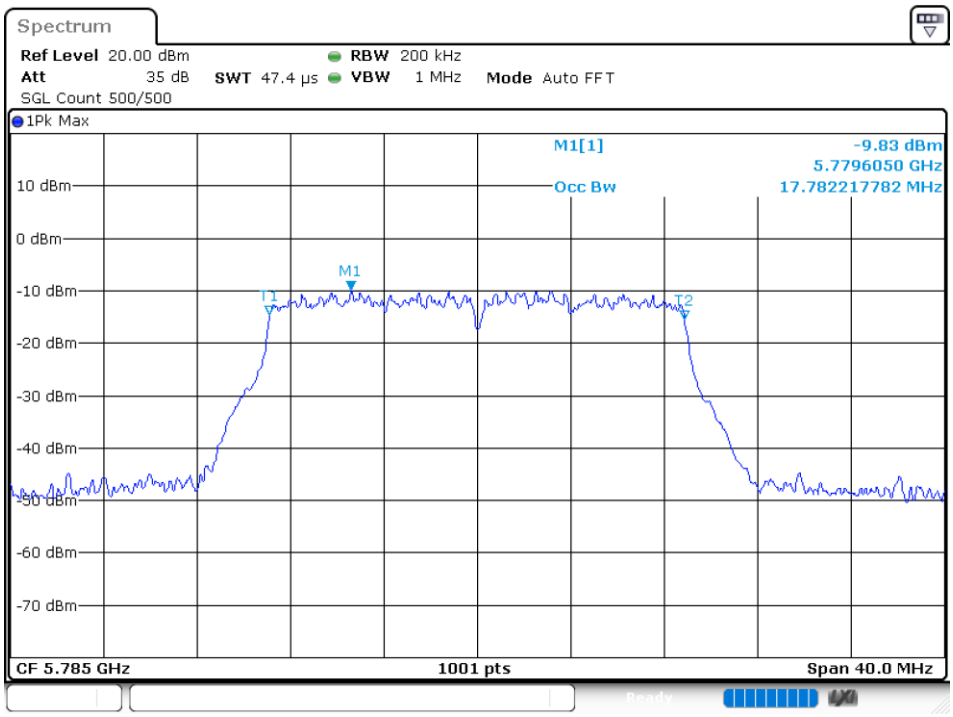
OBW NVNT 802.11n(HT20) 5745MHz Ant1



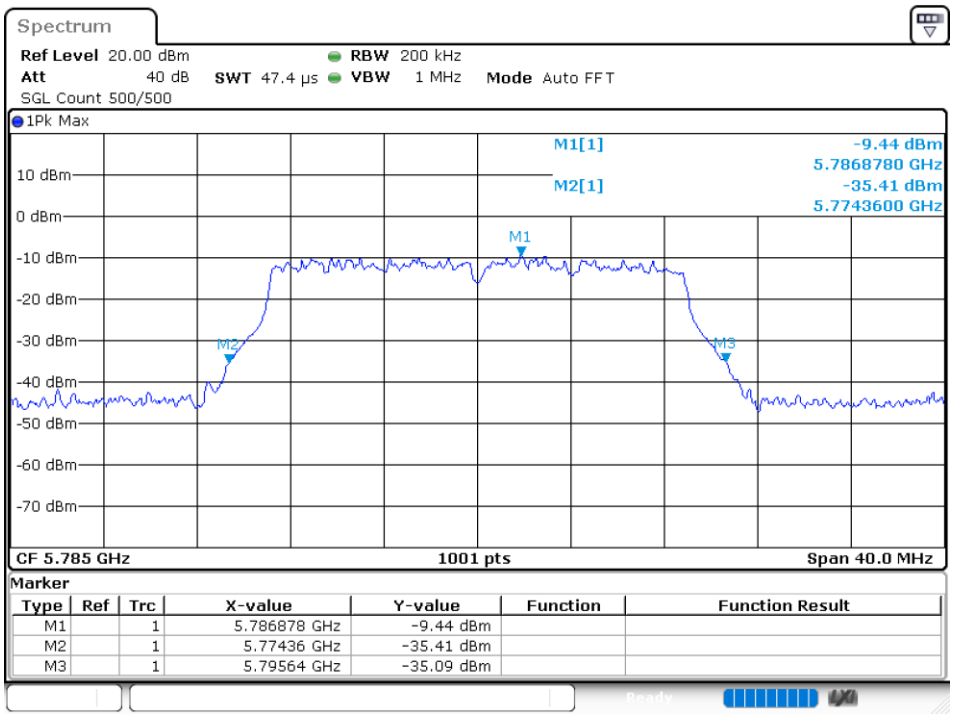
-26 dB BW NVNT 802.11n(HT20) 5745MHz Ant1



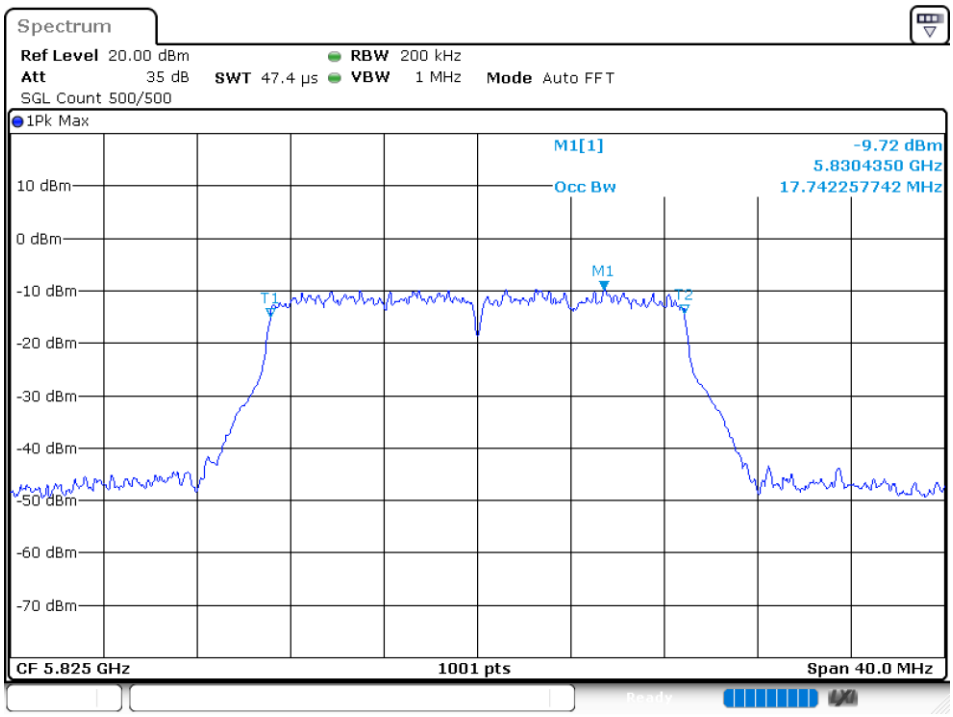
OBW NVNT 802.11n(HT20) 5785MHz Ant1



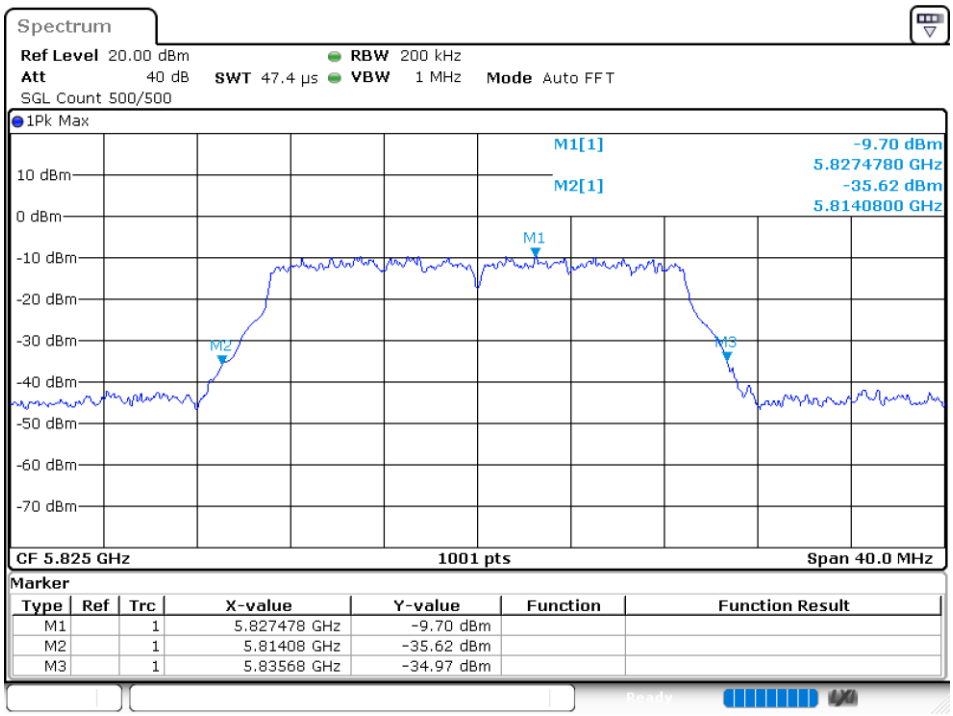
-26 dB BW NVNT 802.11n(HT20) 5785MHz Ant1



OBW NVNT 802.11n(HT20) 5825MHz Ant1



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

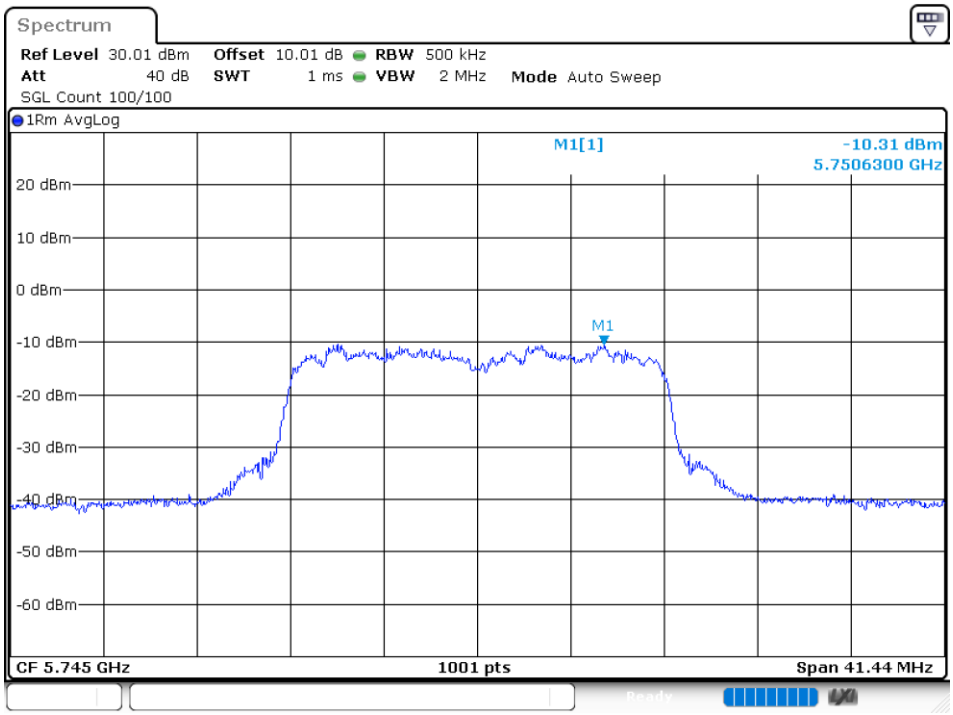


Maximum Power Spectral Density Level

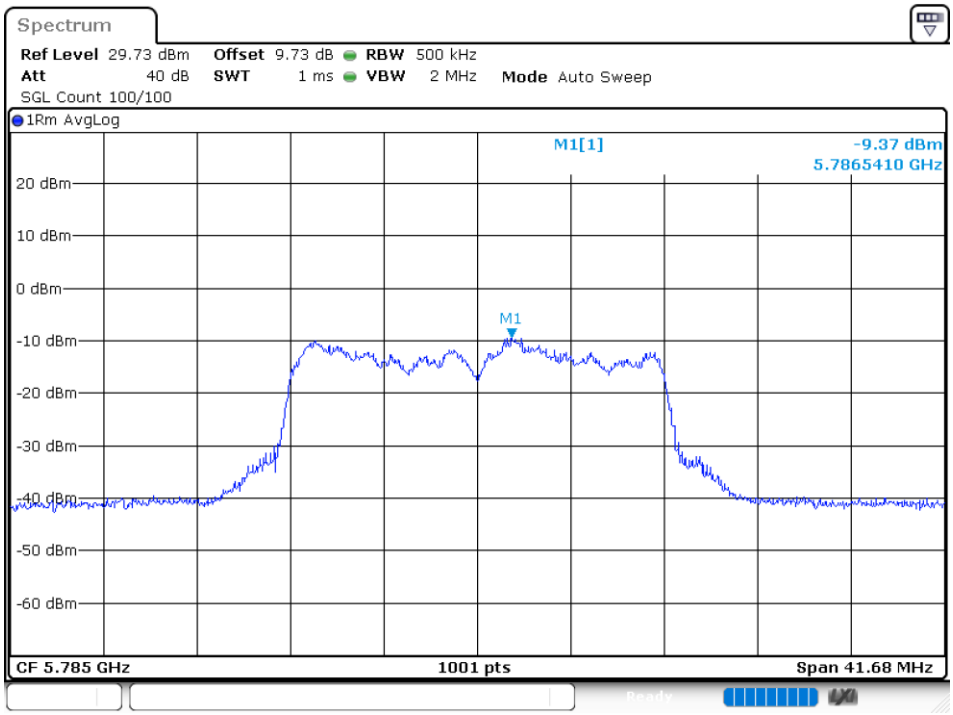
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-10.308	30	Pass
NVNT	802.11a	5785	Ant 1	-9.374	30	Pass
NVNT	802.11a	5825	Ant 1	-11.497	30	Pass
NVNT	802.11ac20	5745	Ant 1	-11.384	30	Pass
NVNT	802.11ac20	5785	Ant 1	-12.198	30	Pass

NVNT	802.11ac20	5825	Ant 1	-10.769	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-12.374	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-12.357	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-12.174	30	Pass

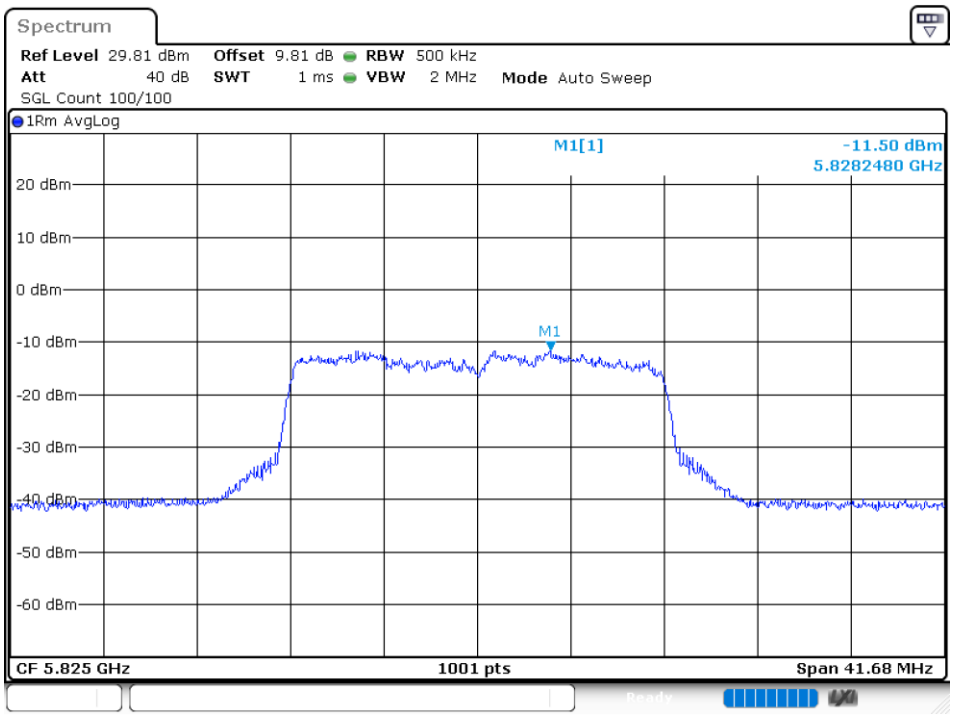
PSD NVNT 802.11a 5745MHz Ant1



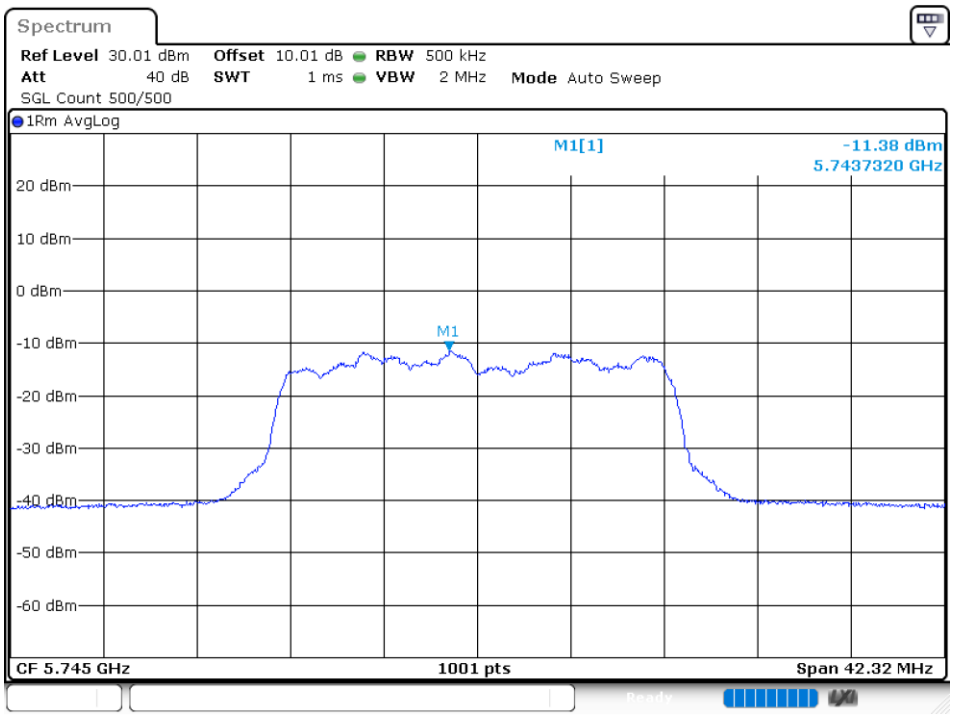
PSD NVNT 802.11a 5785MHz Ant1



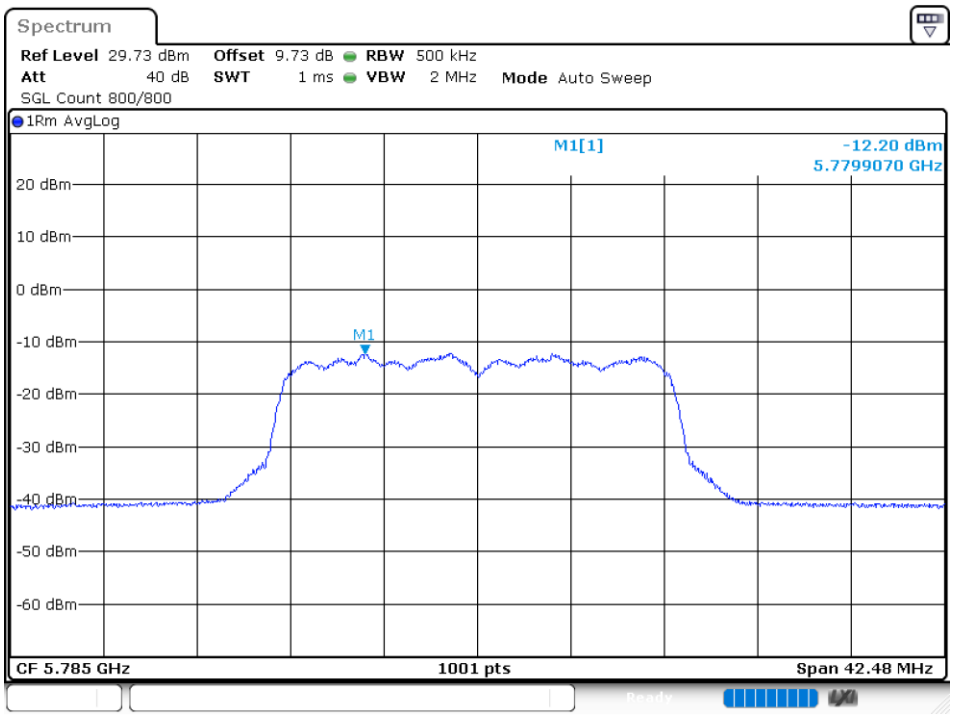
PSD NVNT 802.11a 5825MHz Ant1



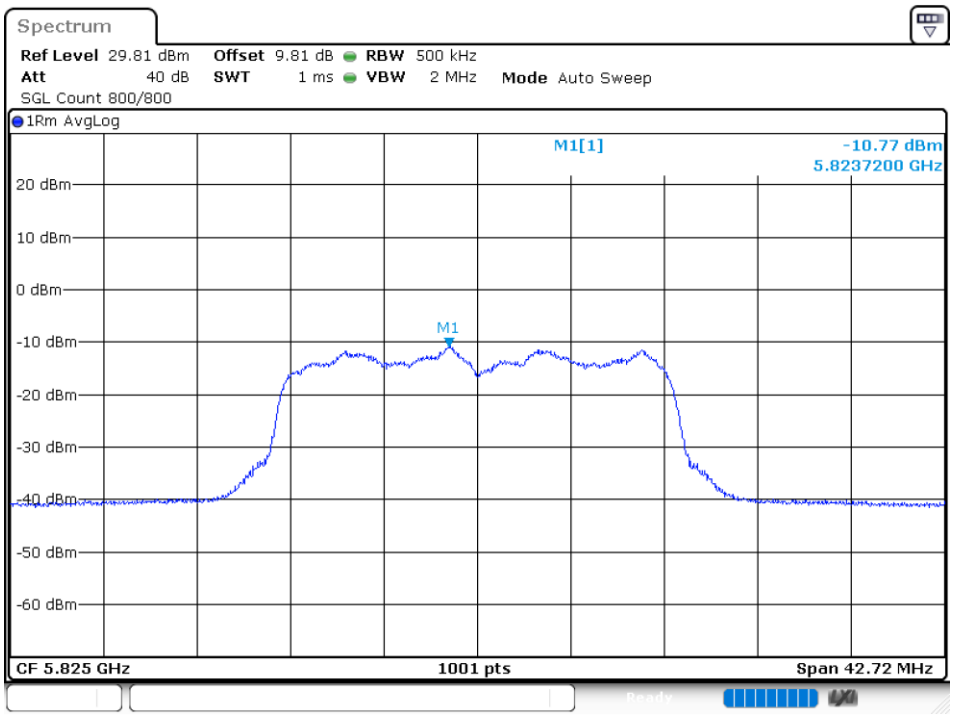
PSD NVNT 802.11ac20 5745MHz Ant1



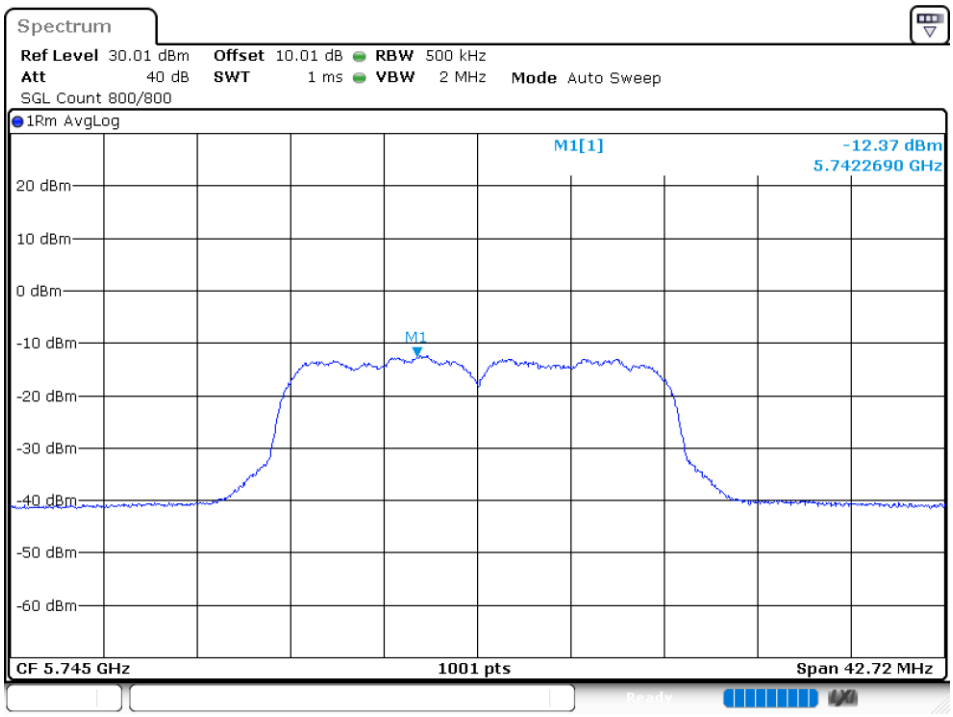
PSD NVNT 802.11ac20 5785MHz Ant1



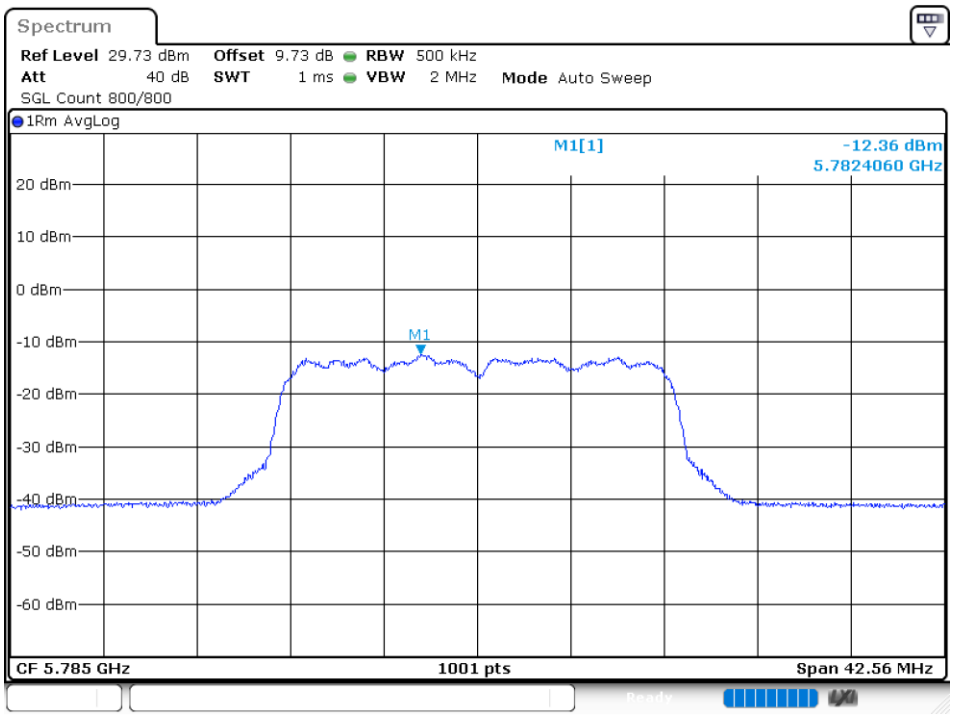
PSD NVNT 802.11ac20 5825MHz Ant1



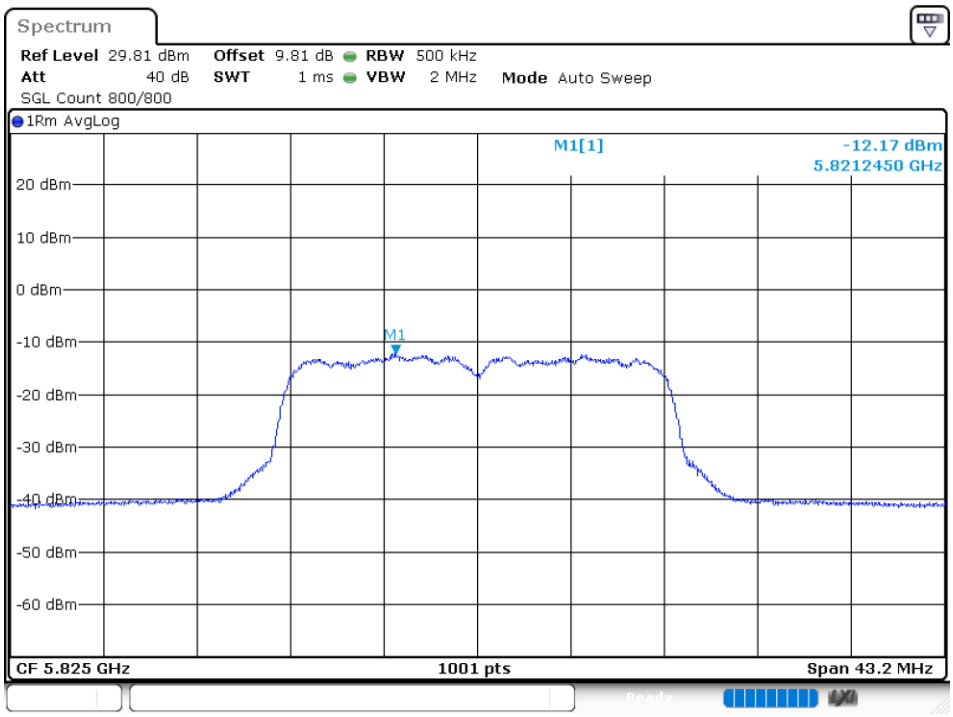
PSD NVNT 802.11n(HT20) 5745MHz Ant1



PSD NVNT 802.11n(HT20) 5785MHz Ant1



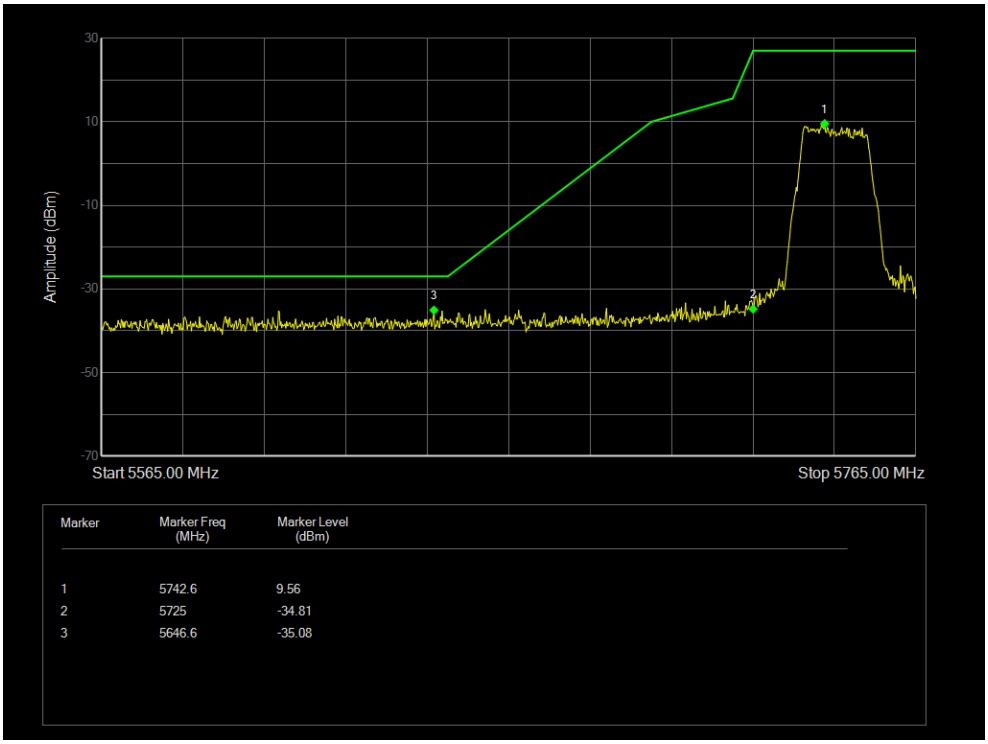
PSD NVNT 802.11n(HT20) 5825MHz Ant1



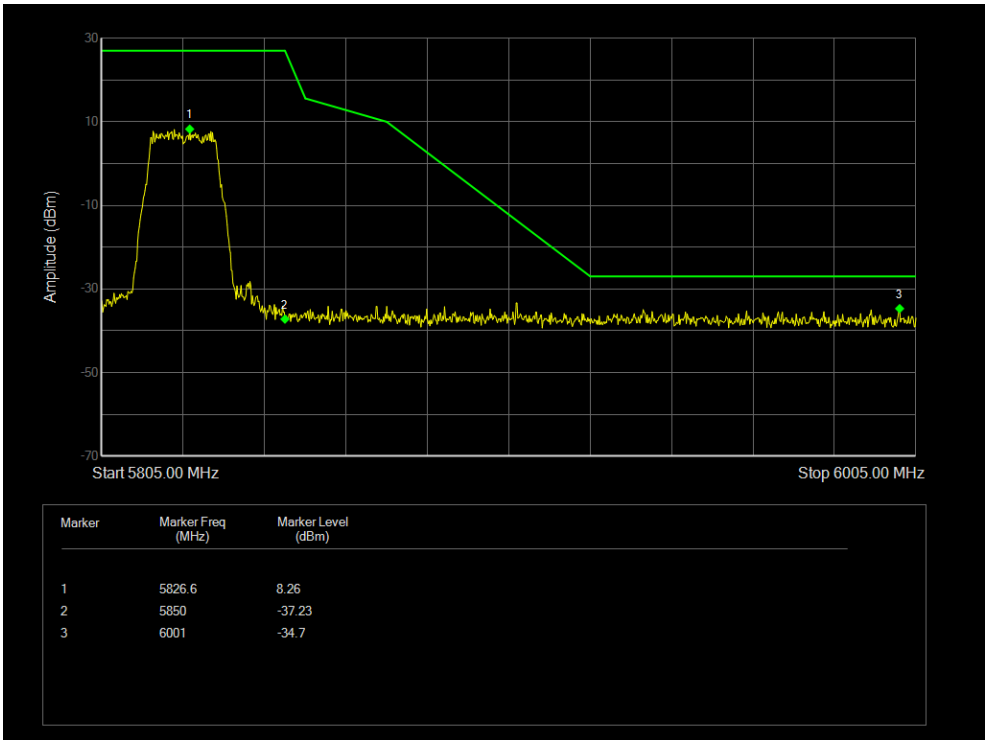
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-35.08	-27	Pass
NVNT	802.11a	5825	Ant 1	-34.7	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-36.02	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-34.79	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-35.53	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-34.6	-27	Pass

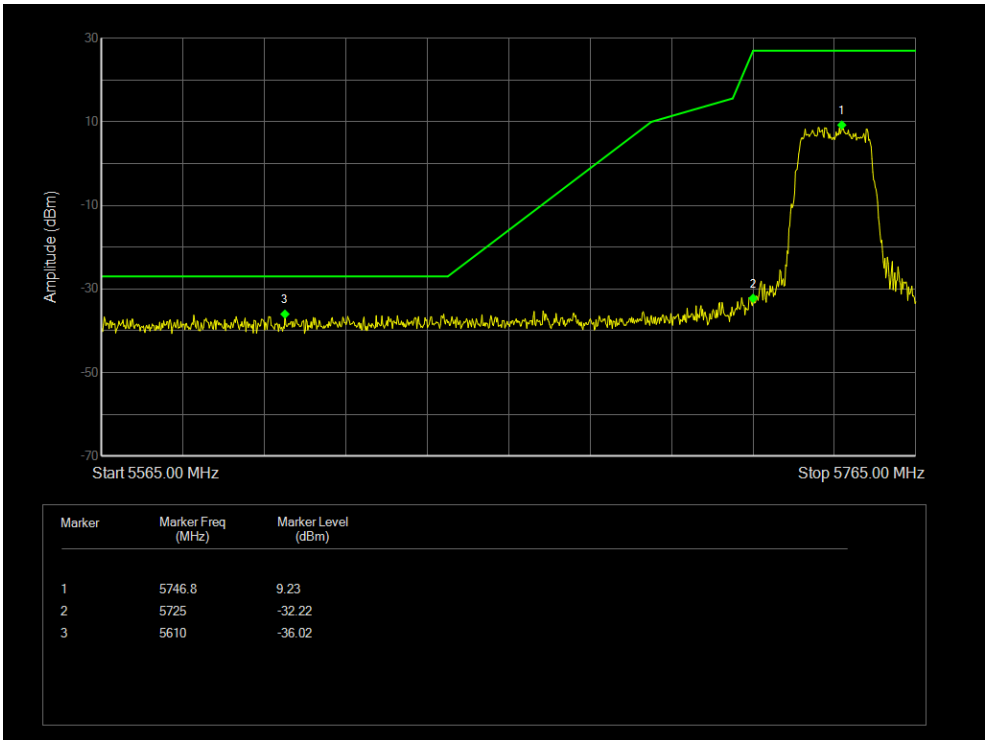
Band Edge NVNT 802.11a 5745MHz Low Ant1



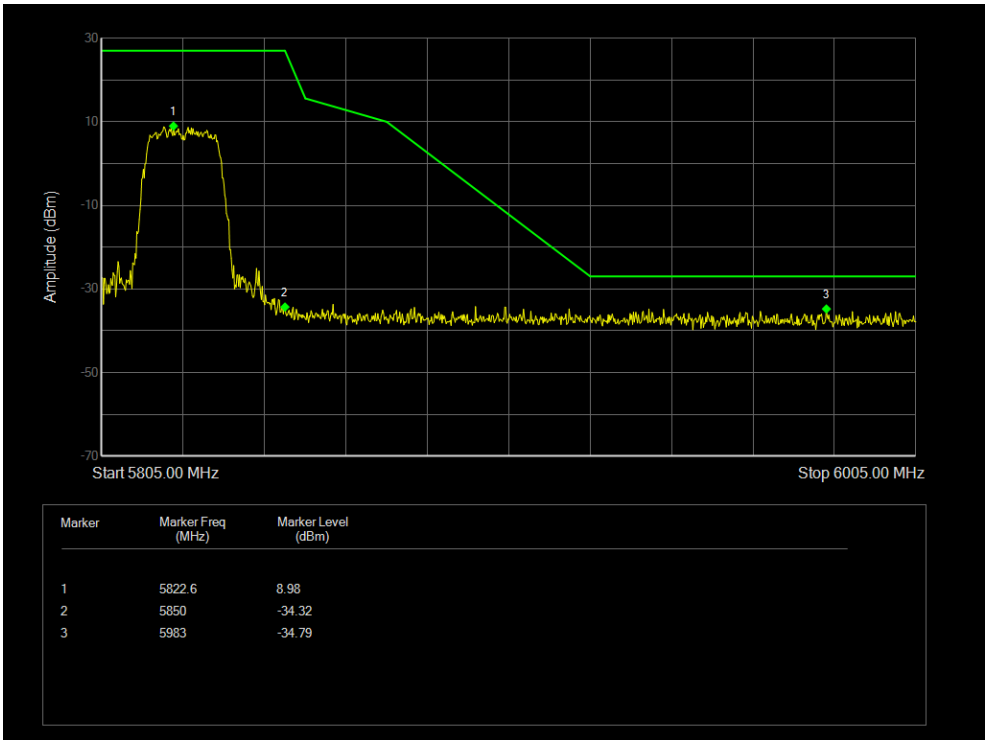
Band Edge NVNT 802.11a 5825MHz High Ant1



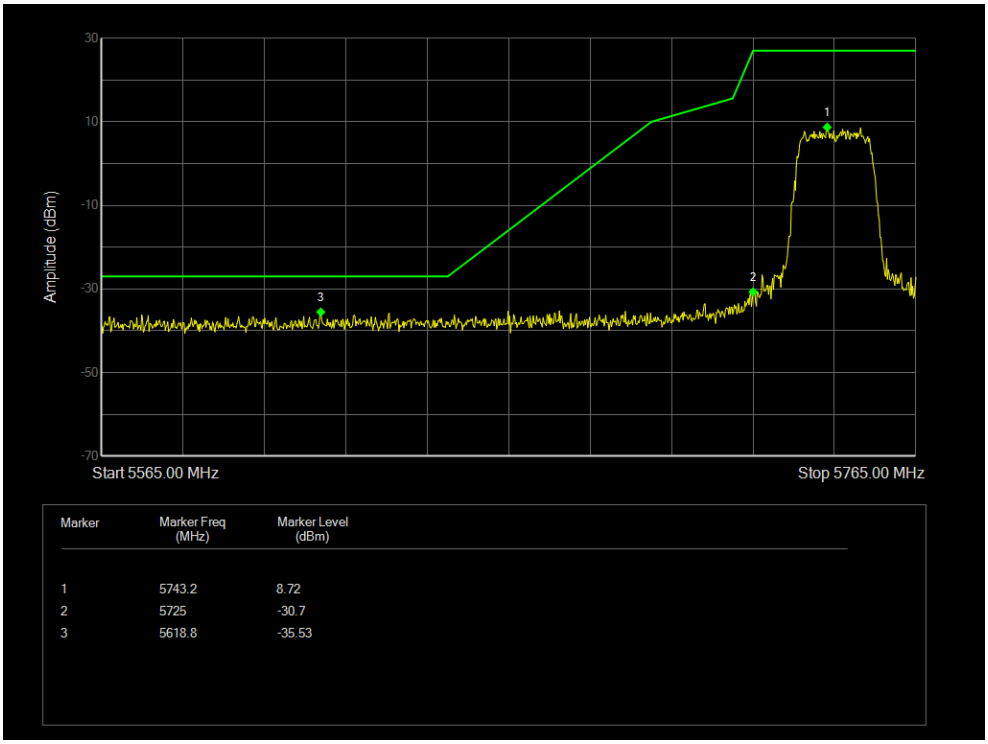
Band Edge NVNT 802.11ac20 5745MHz Low Ant1



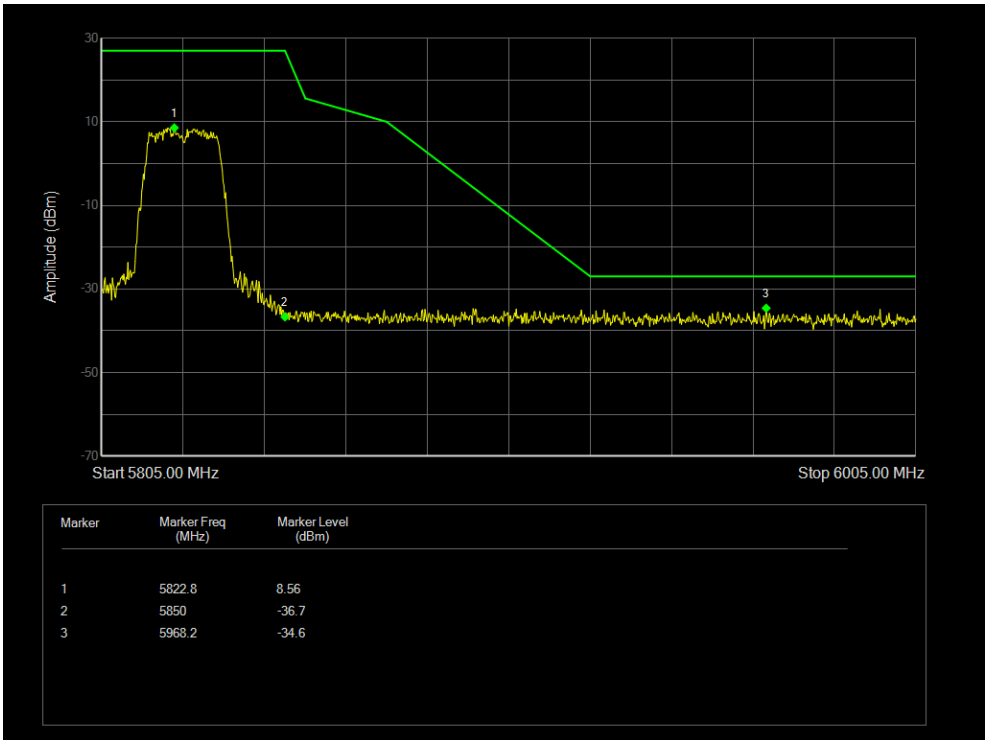
Band Edge NVNT 802.11ac20 5825MHz High Ant1



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



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

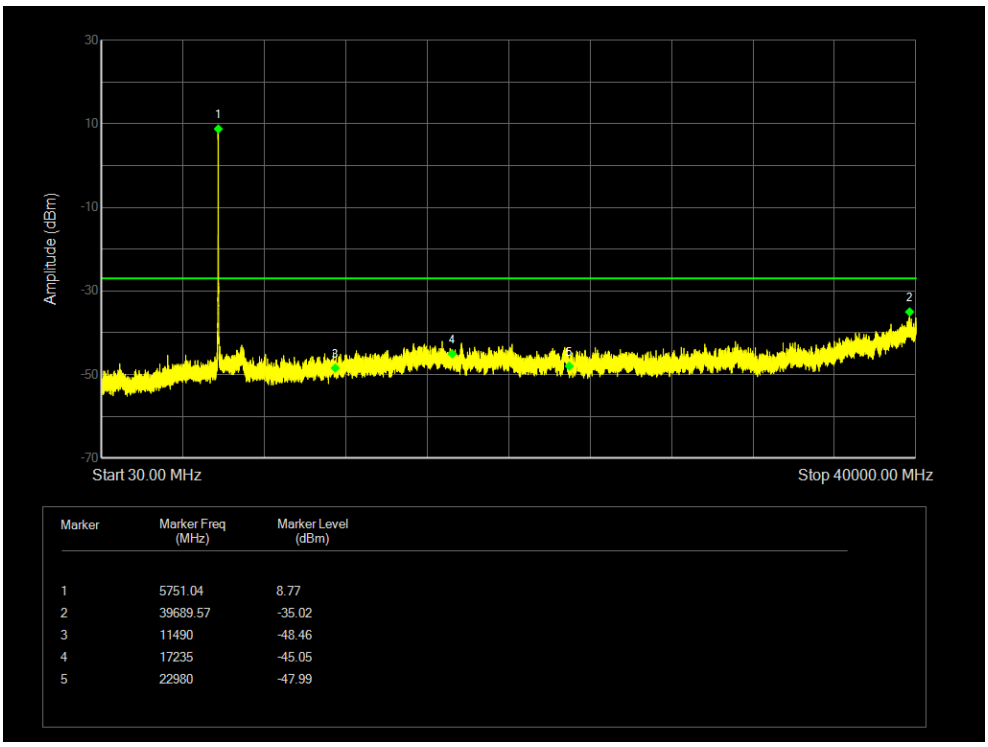


Conducted RF Spurious Emission

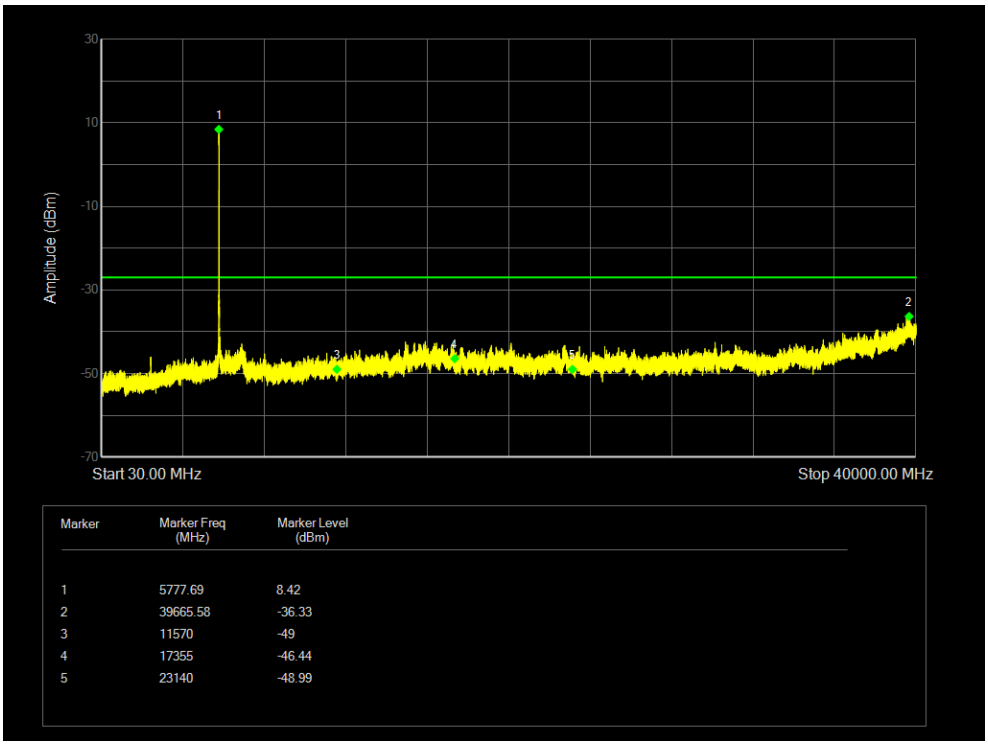
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5745	Ant 1	-35.02	-27	Pass
NVNT	802.11a	5785	Ant 1	-36.33	-27	Pass
NVNT	802.11a	5825	Ant 1	-35.62	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-35.48	-27	Pass
NVNT	802.11ac20	5785	Ant 1	-36.6	-27	Pass

NVNT	802.11ac20	5825	Ant 1	-48.17	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-35.95	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-36.18	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-36.4	-27	Pass

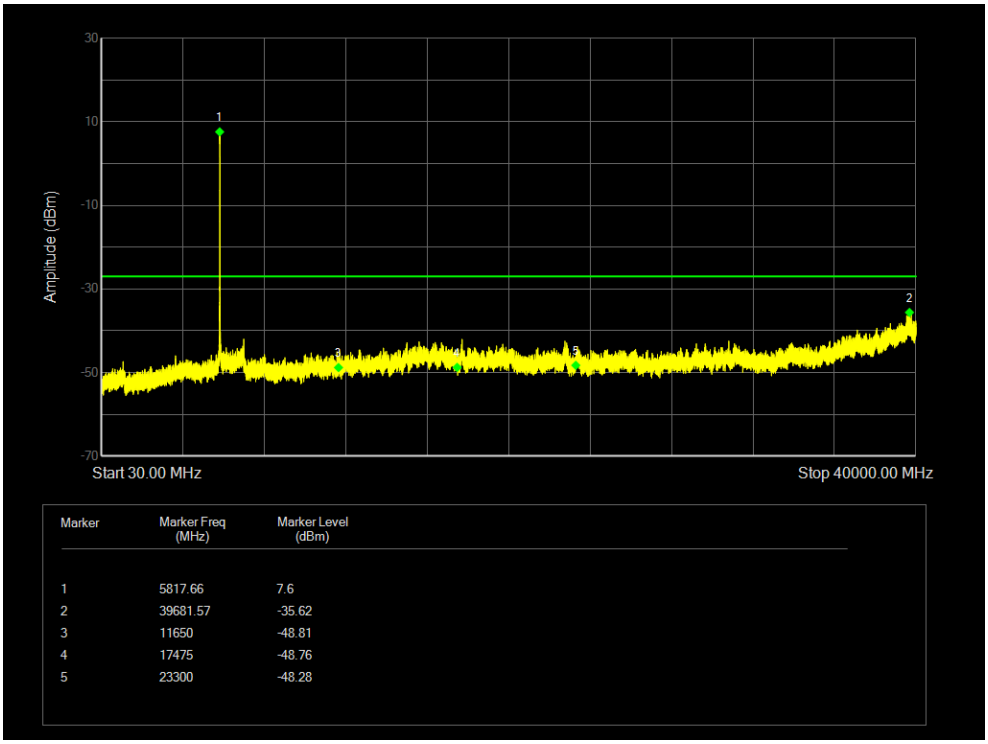
Tx. Spurious NVNT 802.11a 5745MHz Ant1 Emission



Tx. Spurious NVNT 802.11a 5785MHz Ant1 Emission



Tx. Spurious NVNT 802.11a 5825MHz Ant1 Emission



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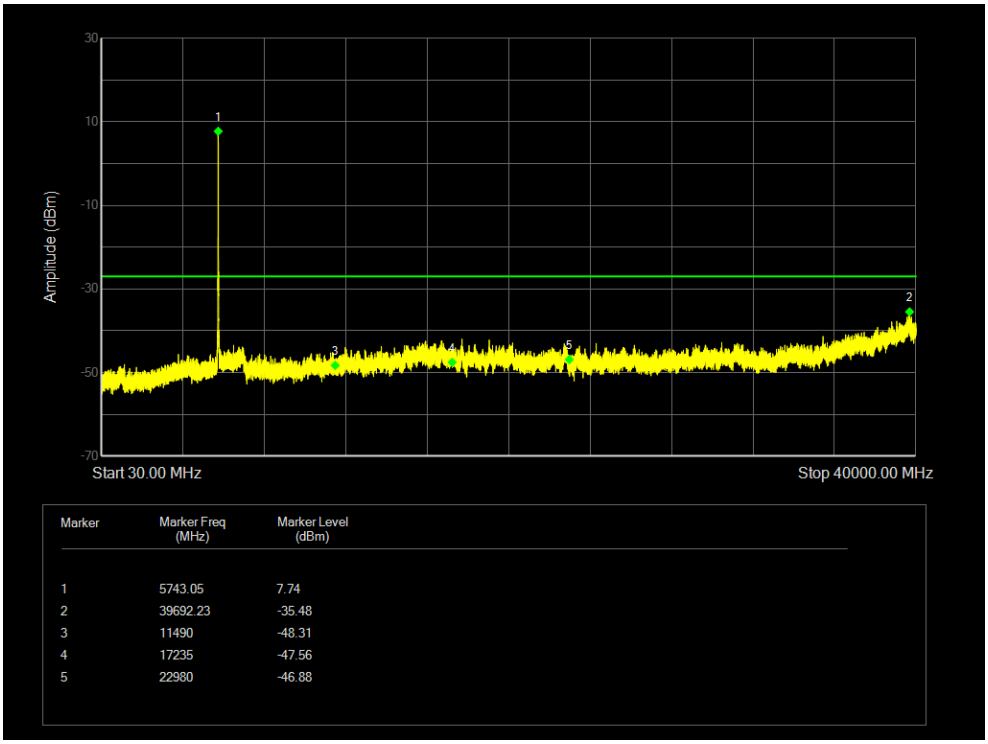
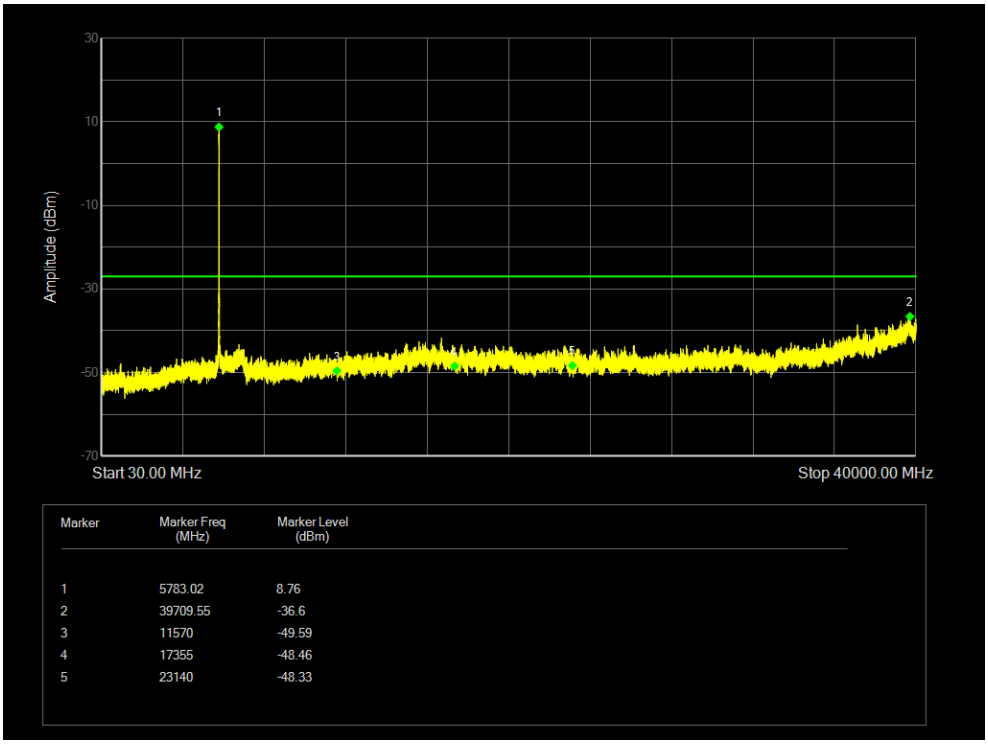
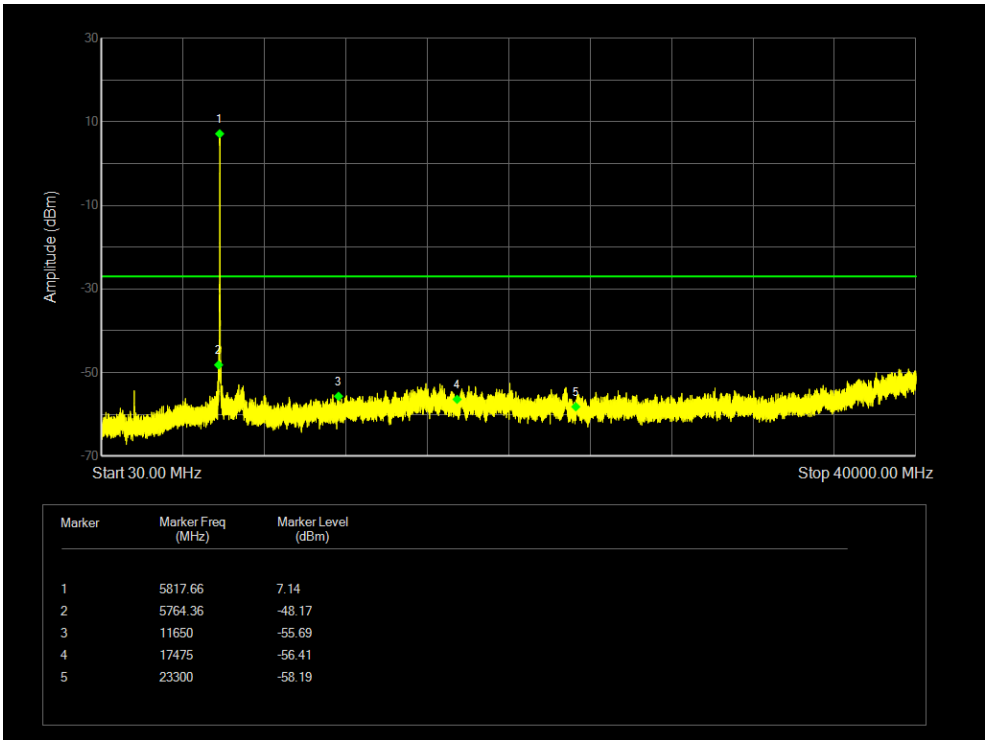


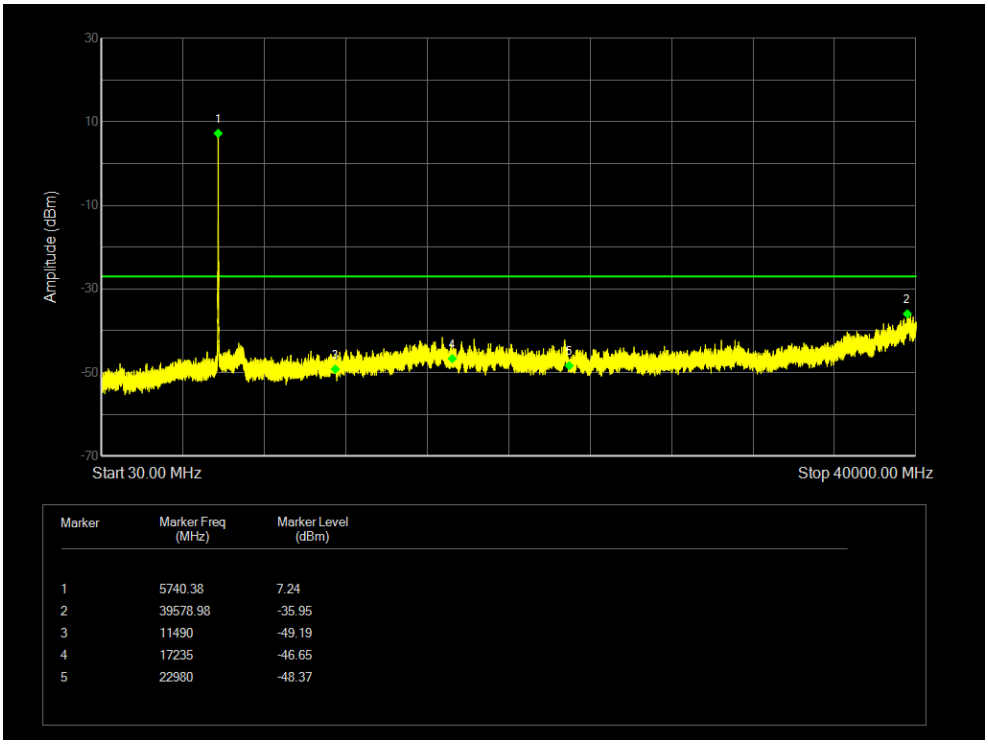
Tx. Spurious NVNT 802.11ac20 5785MHz Ant1 Emission



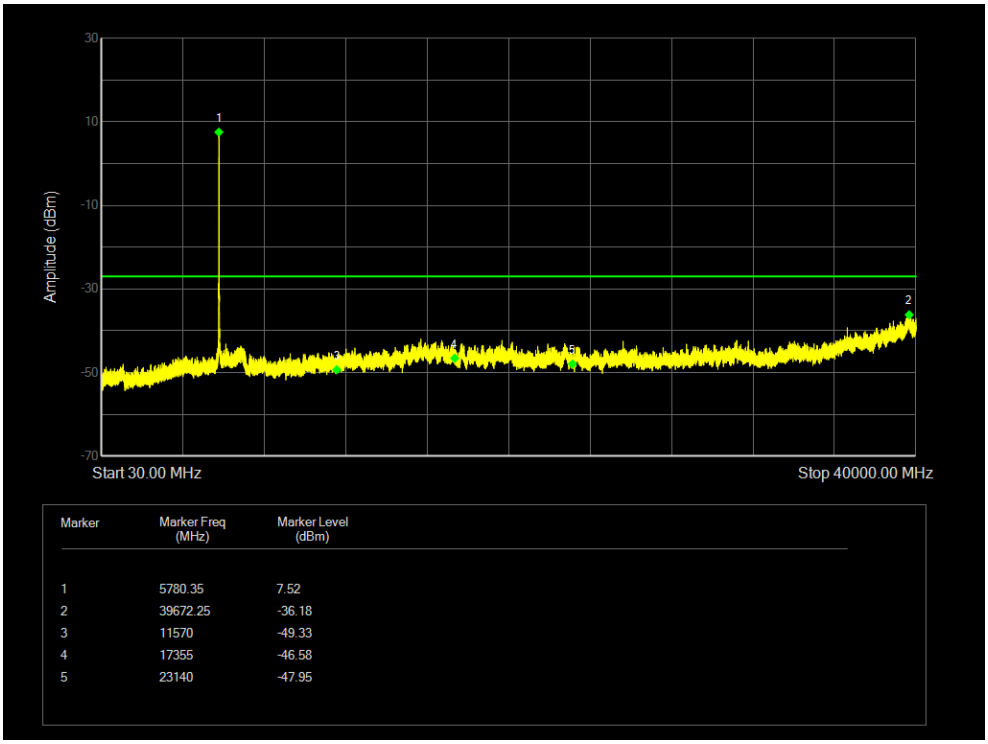
Tx. Spurious NVNT 802.11ac20 5825MHz Ant1 Emission



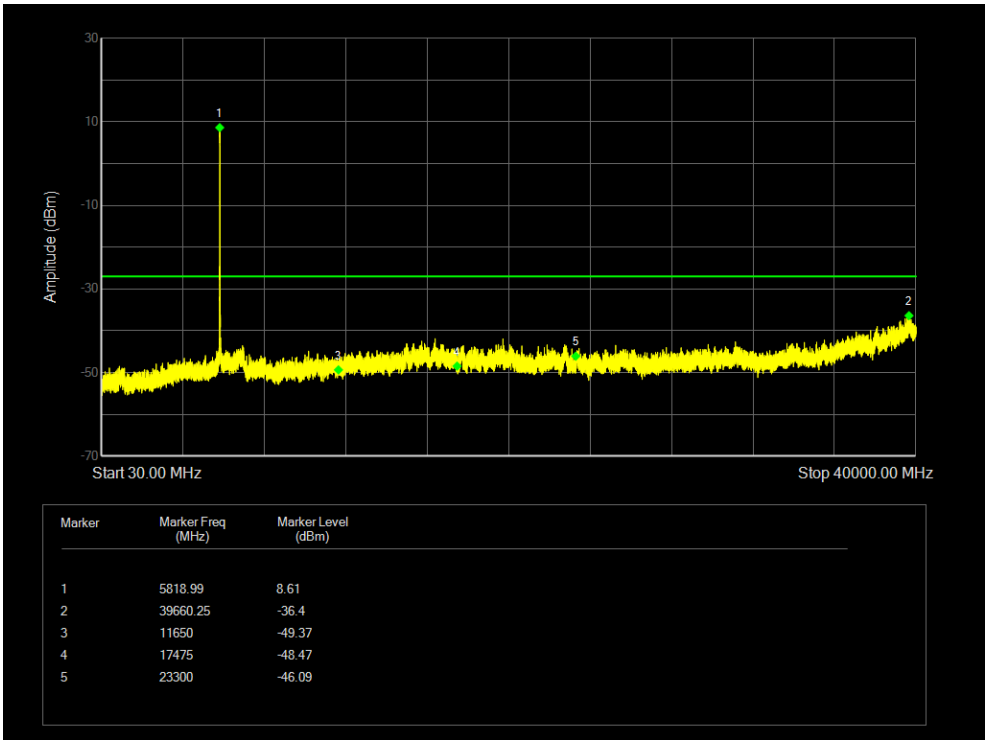
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant1 Emission



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



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

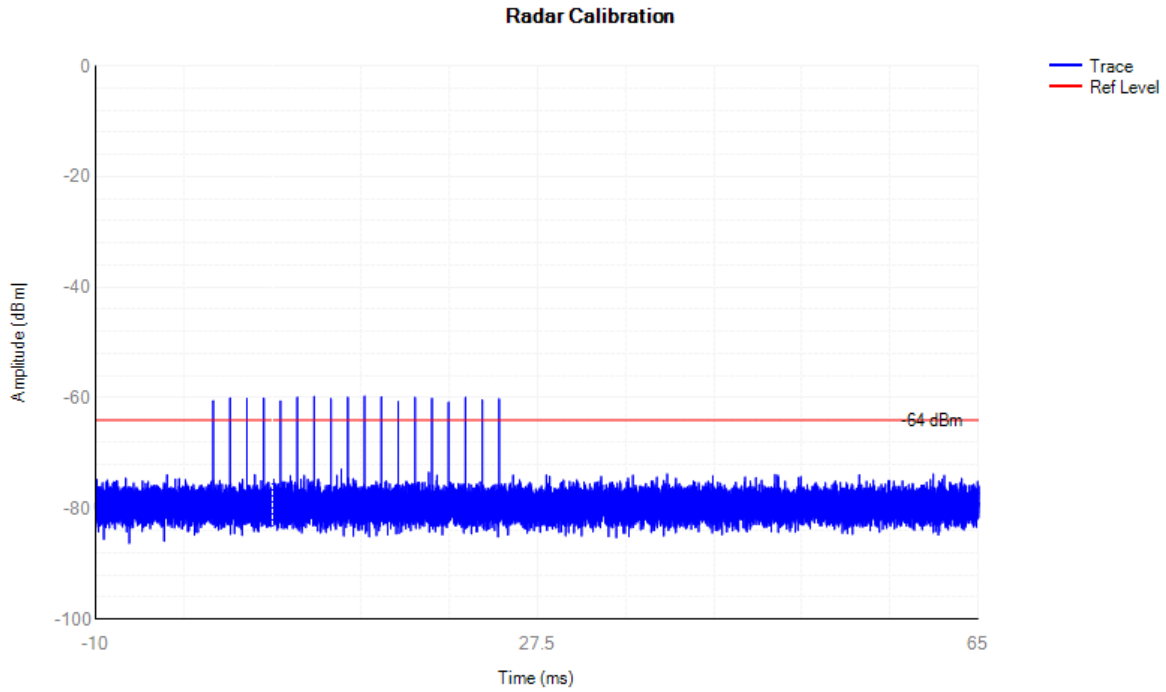


Marker	Marker Freq (MHz)	Marker Level (dBm)
1	5818.99	8.61
2	39660.25	-36.4
3	11650	-49.37
4	17475	-48.47
5	23300	-46.09

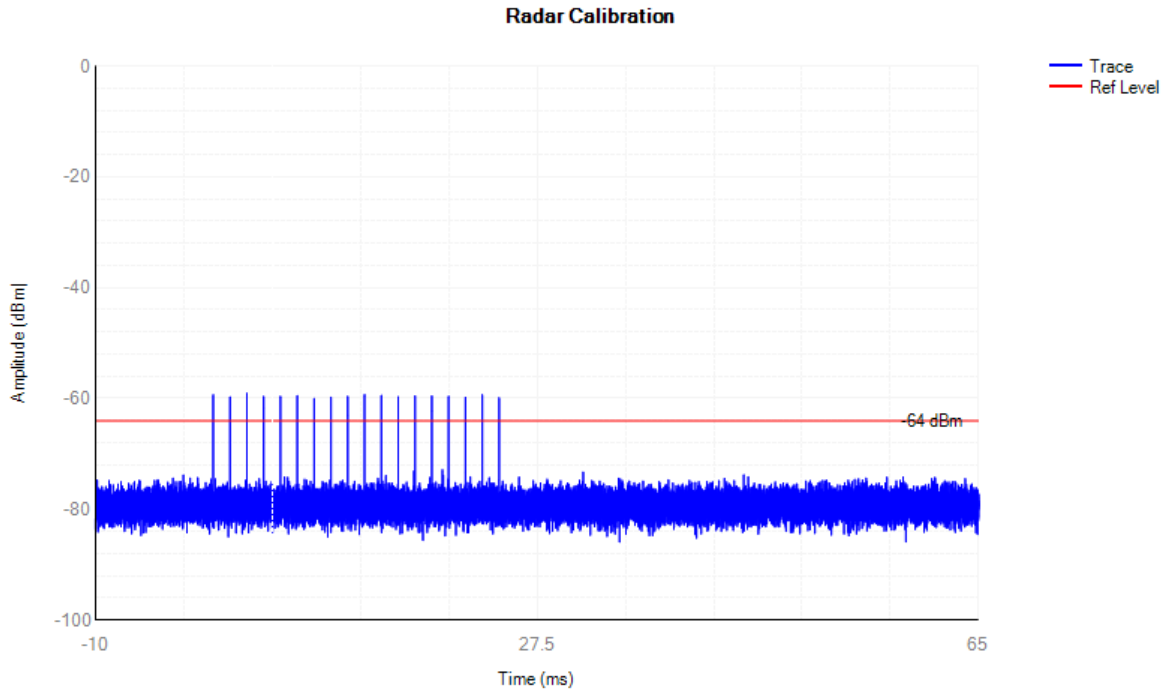
DFS

Calibration

5260MHz a DFS_FCC_T0

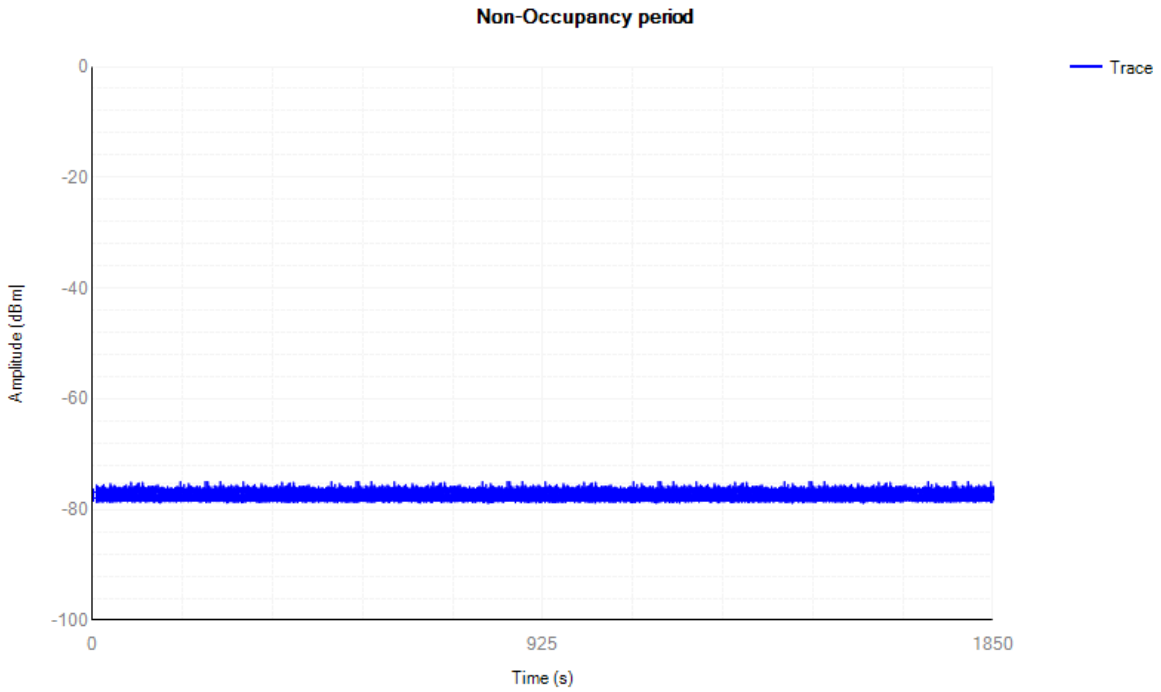


5500MHz a DFS_FCC_T0

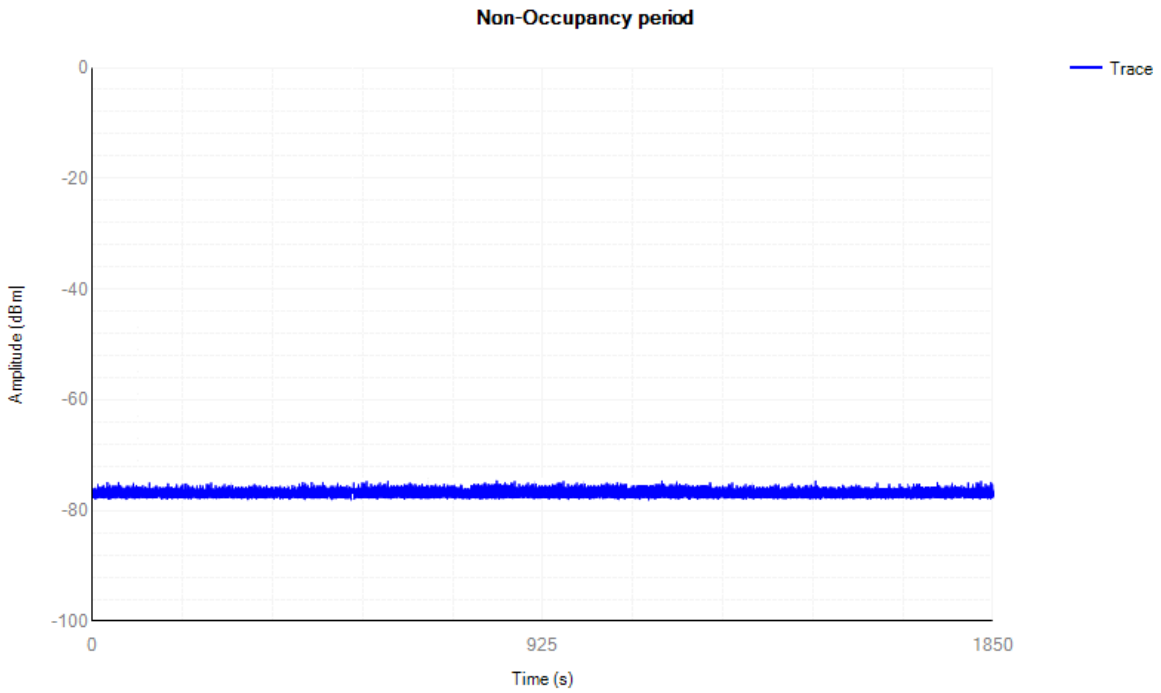


Non-Occupancy

5260MHz a Non-Occupancy



5500MHz a Non-Occupancy

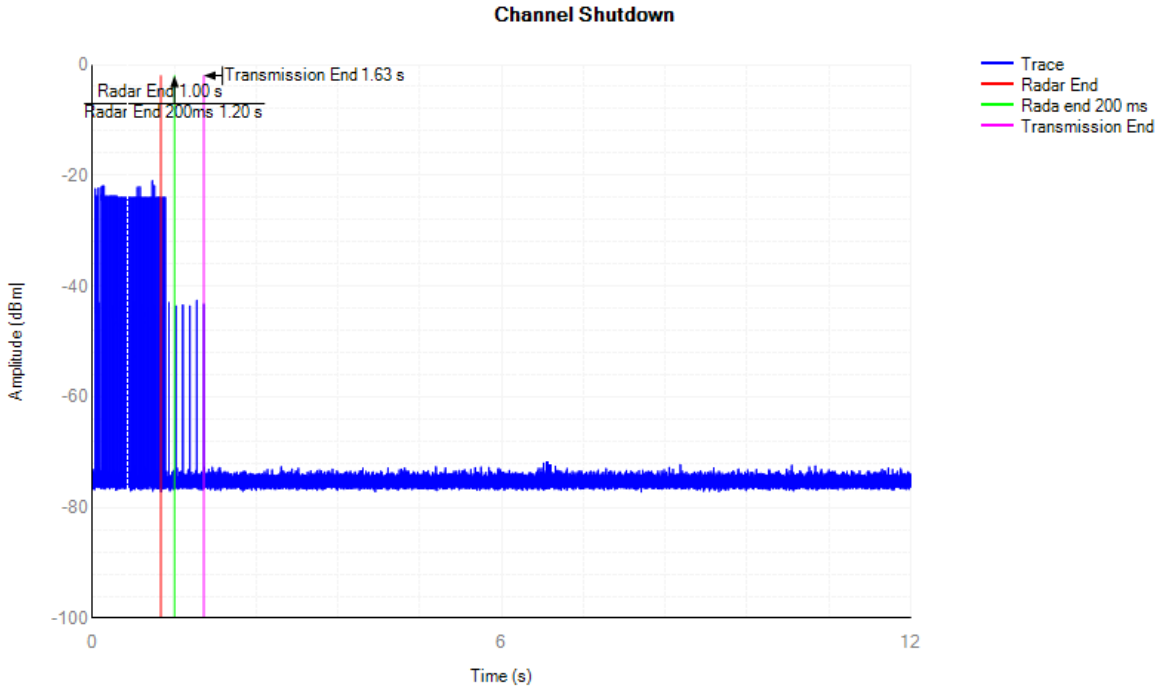
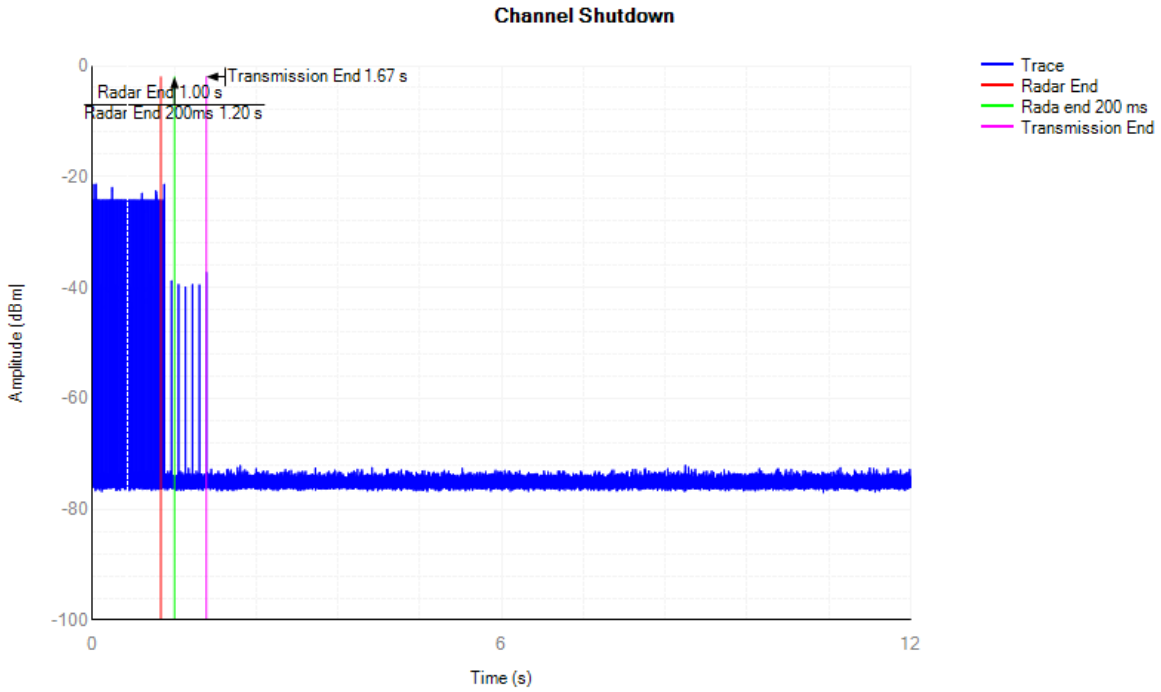


Shutdown Time

Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
a	5260	0.63	10	0.006	0.26	0.002	0.06	Pass

a	5500	0.6684	10	0.0072	0.26	0.002	0.06	Pass

5260MHz a Shutdown



5500MHz a Shutdown