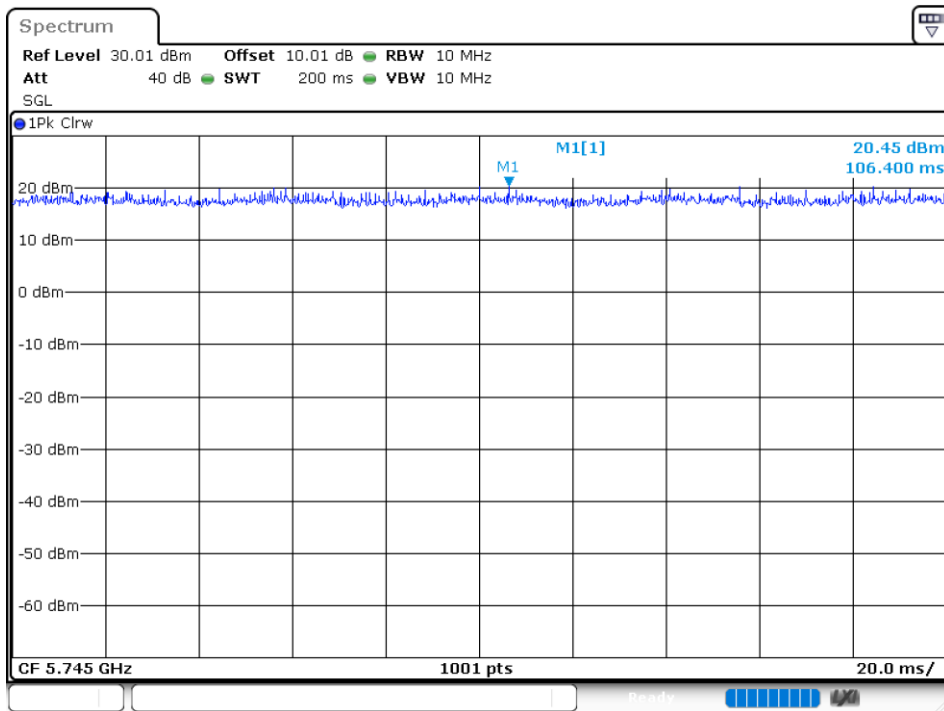
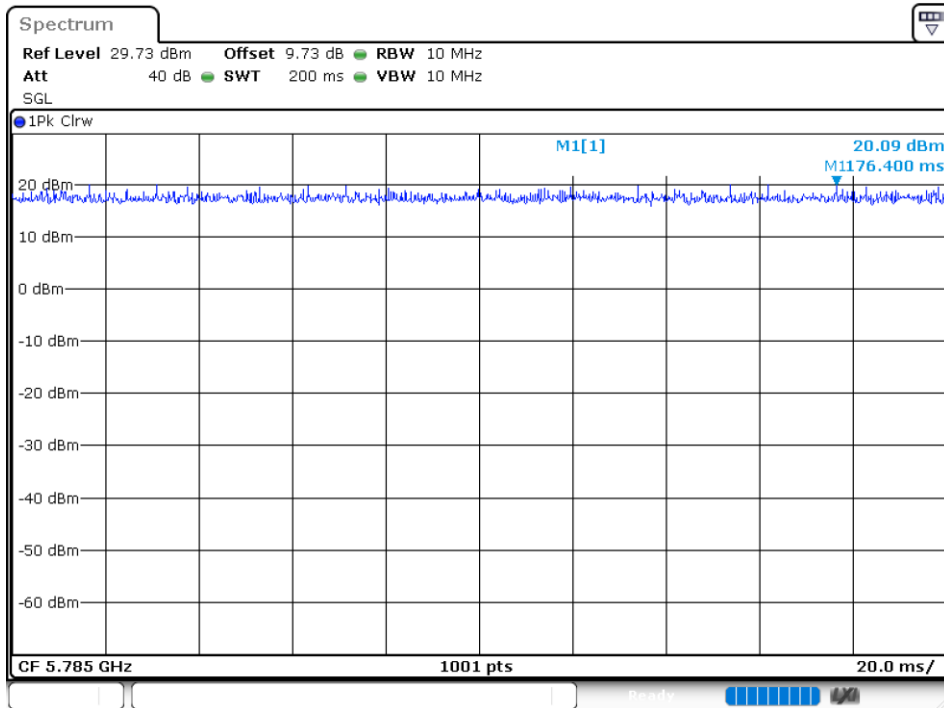


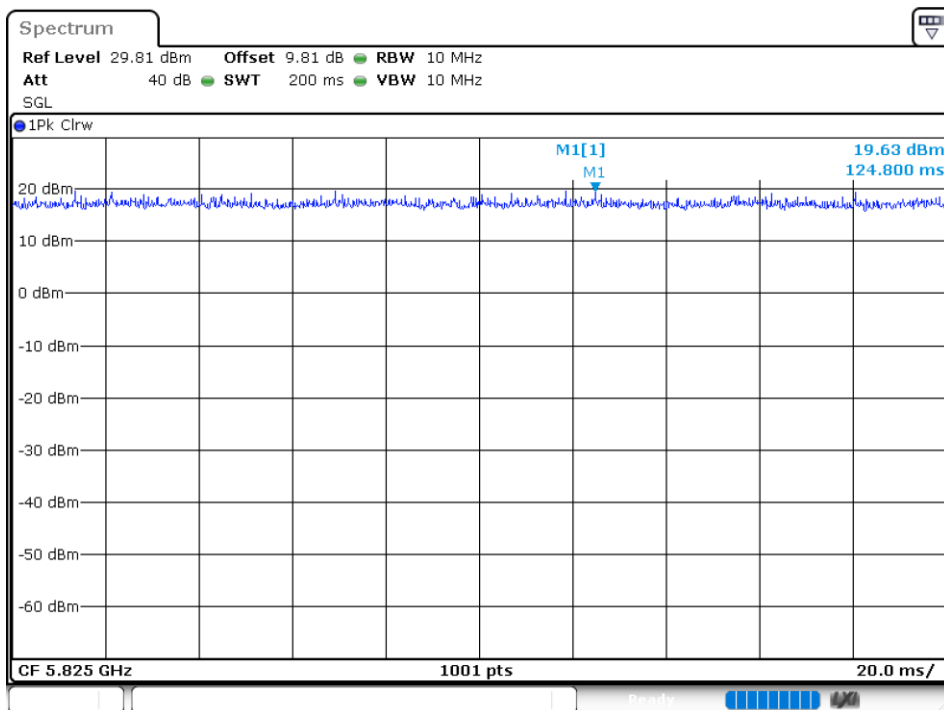
Duty Cycle NVNT 802.11ac20 5745MHz



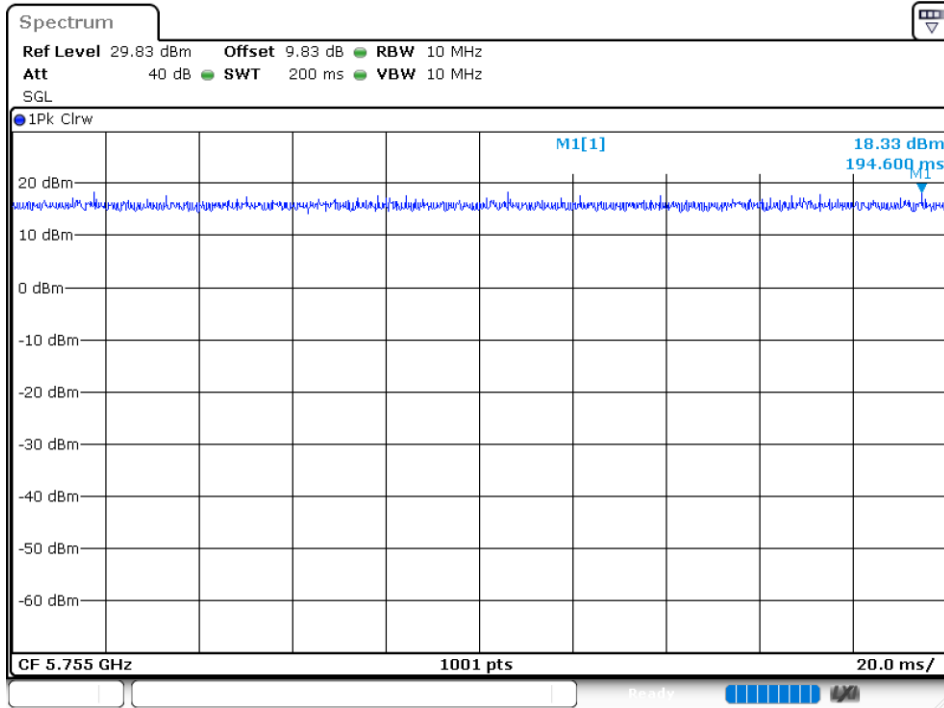
Duty Cycle NVNT 802.11ac20 5785MHz



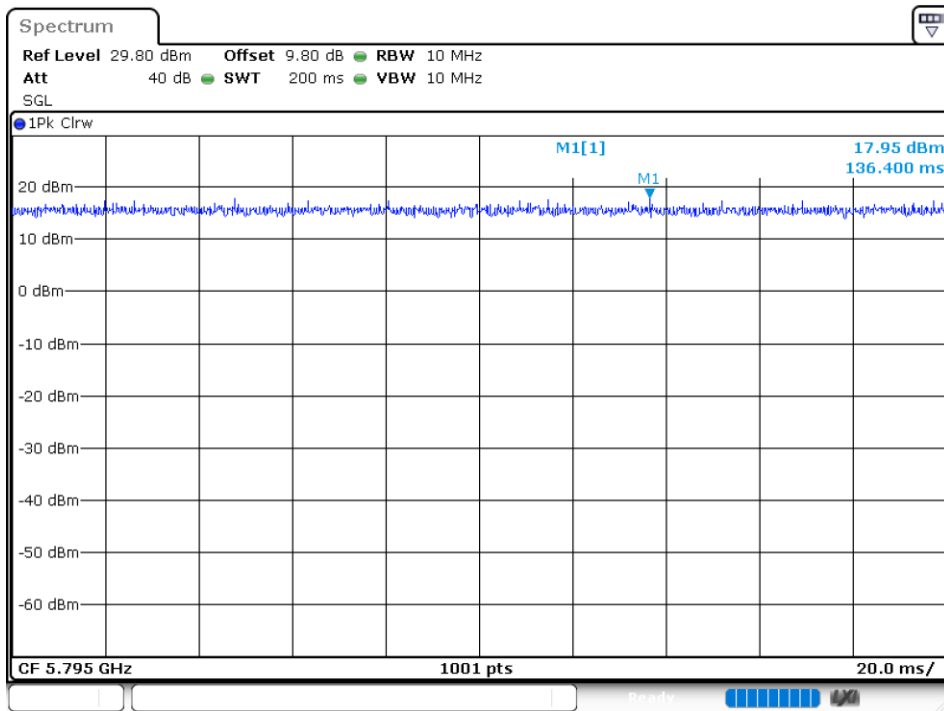
Duty Cycle NVNT 802.11ac20 5825MHz



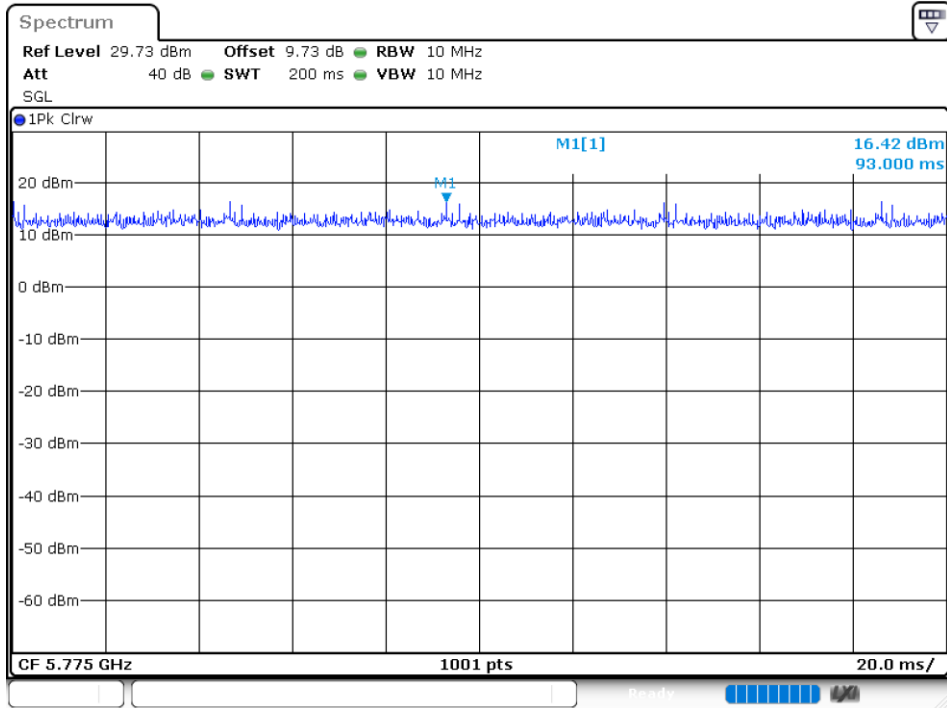
Duty Cycle NVNT 802.11ac40 5755MHz



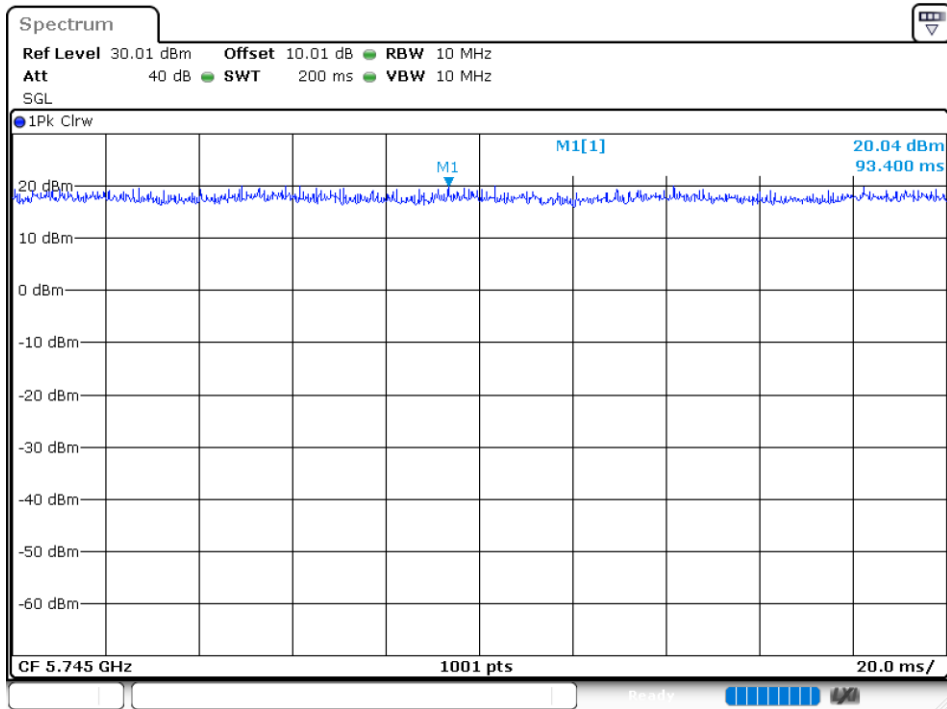
Duty Cycle NVNT 802.11ac40 5795MHz



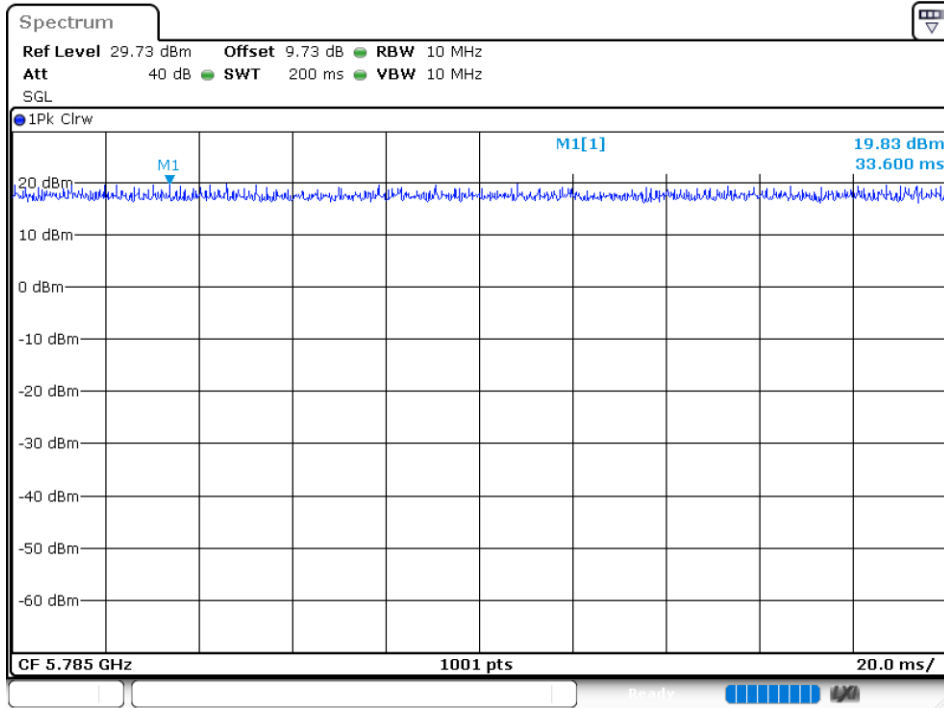
Duty Cycle NVNT 802.11ac80 5775MHz



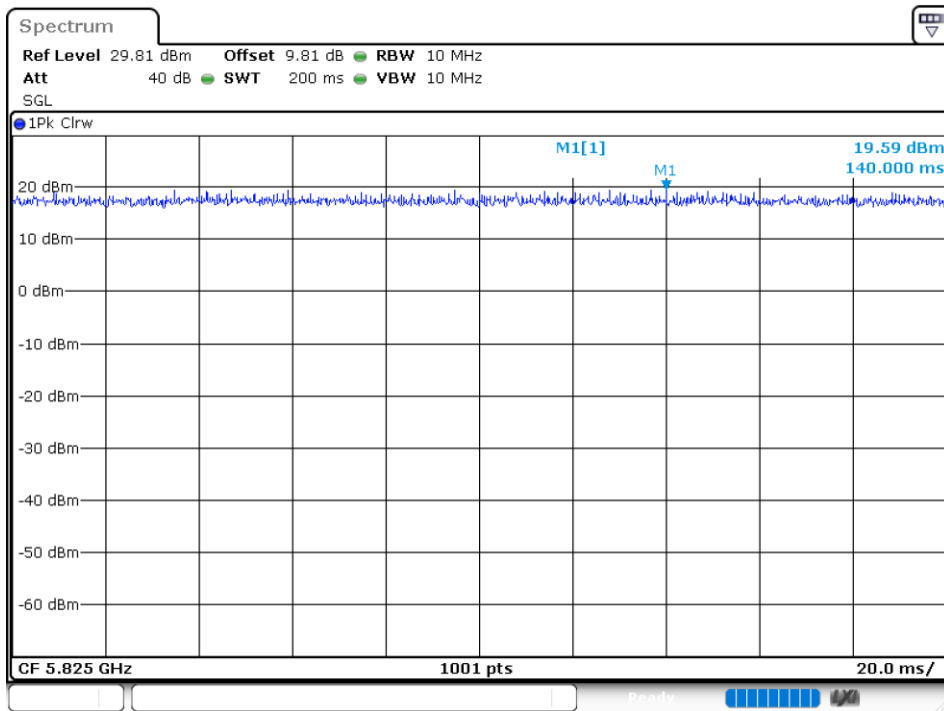
Duty Cycle NVNT 802.11n(HT20) 5745MHz



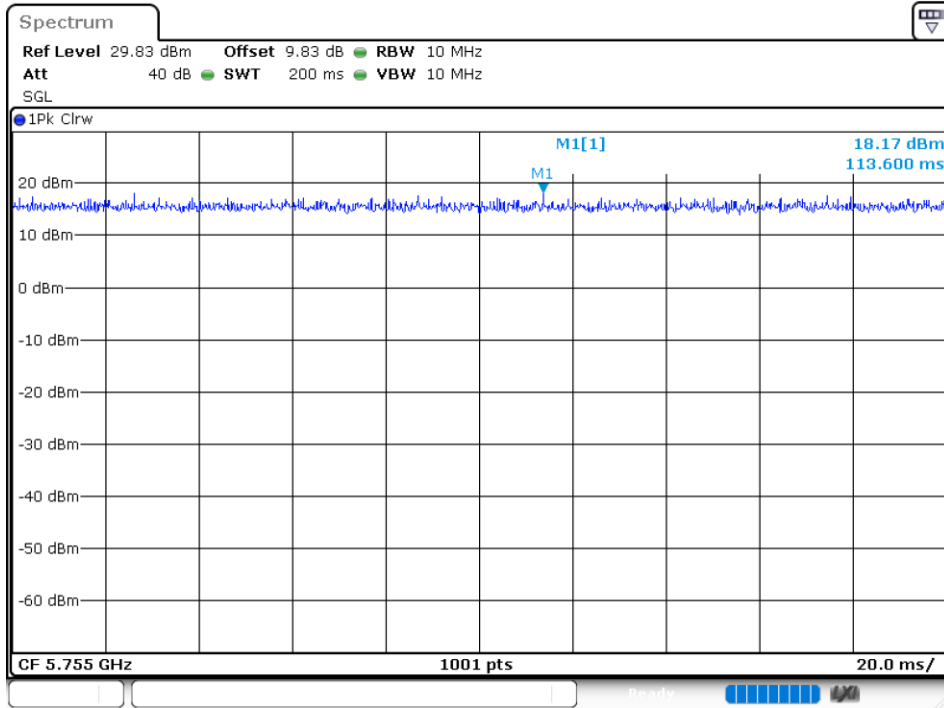
Duty Cycle NVNT 802.11n(HT20) 5785MHz



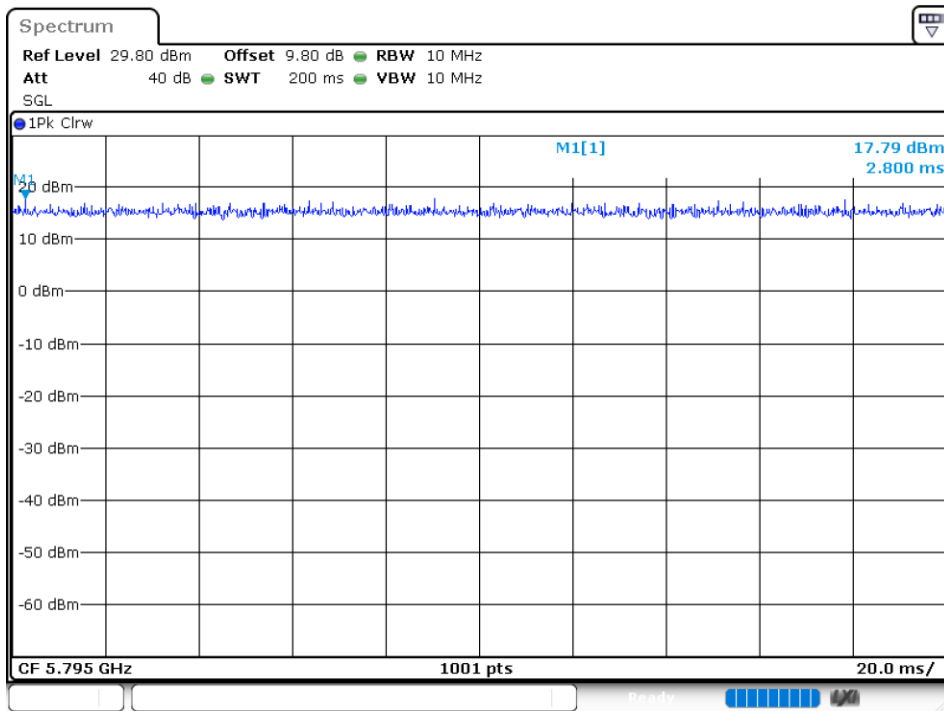
Duty Cycle NVNT 802.11n(HT20) 5825MHz



Duty Cycle NVNT 802.11n(HT40) 5755MHz



Duty Cycle NVNT 802.11n(HT40) 5795MHz



**Maximum Conducted Output Power**

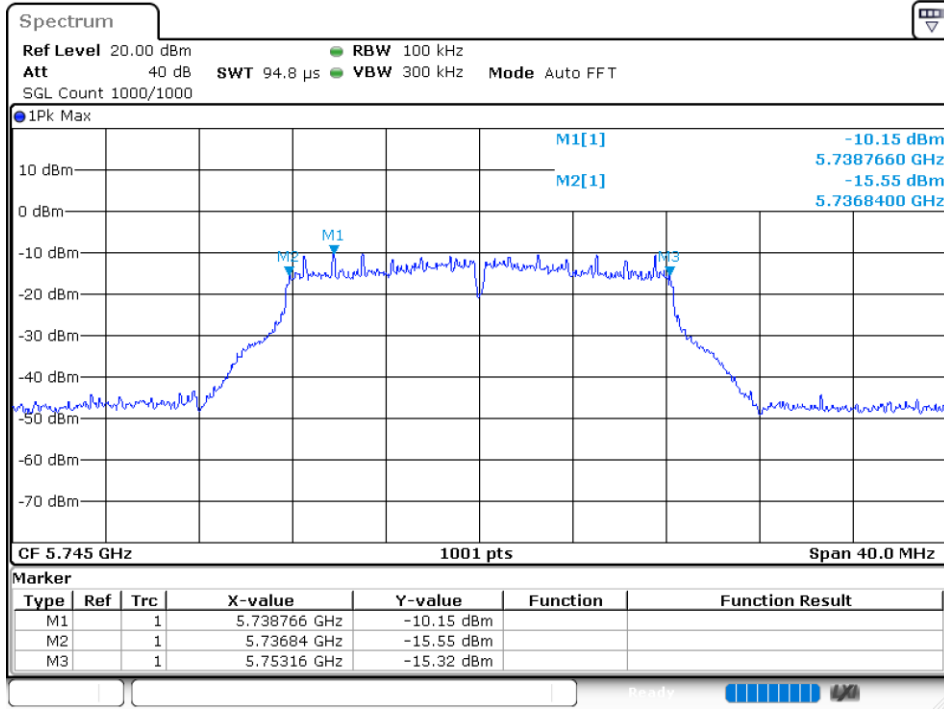
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	9.78	0	9.78	30	Pass
NVNT	802.11a	5785	Ant 1	9.49	0	9.49	30	Pass
NVNT	802.11a	5825	Ant 1	9.47	0	9.47	30	Pass
NVNT	802.11ac20	5745	Ant 1	9.58	0	9.58	30	Pass
NVNT	802.11ac20	5785	Ant 1	9.17	0	9.17	30	Pass
NVNT	802.11ac20	5825	Ant 1	9.06	0	9.06	30	Pass
NVNT	802.11ac40	5755	Ant 1	9.76	0	9.76	30	Pass
NVNT	802.11ac40	5795	Ant 1	9.27	0	9.27	30	Pass
NVNT	802.11ac80	5775	Ant 1	9.33	0	9.33	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	9.56	0	9.56	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	9.2	0	9.2	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	9.19	0	9.19	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	9.78	0	9.78	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	9.21	0	9.21	30	Pass

**-6dB Emission Bandwidth**

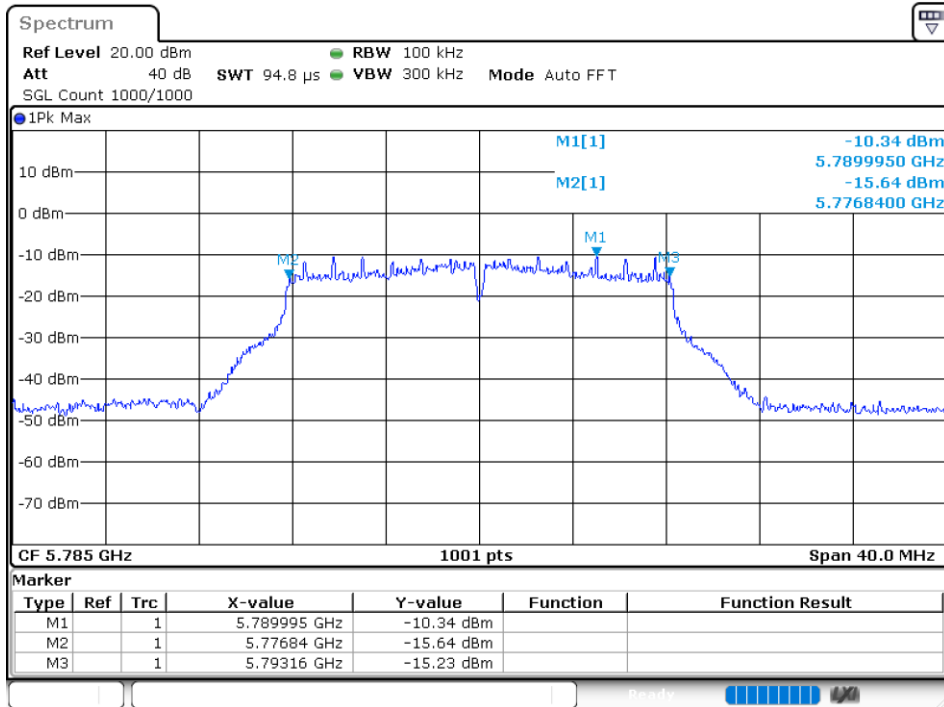
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	16.32	0.5	Pass
NVNT	802.11a	5785	Ant 1	16.32	0.5	Pass
NVNT	802.11a	5825	Ant 1	16.32	0.5	Pass
NVNT	802.11ac20	5745	Ant 1	17.56	0.5	Pass
NVNT	802.11ac20	5785	Ant 1	17.32	0.5	Pass
NVNT	802.11ac20	5825	Ant 1	16.36	0.5	Pass
NVNT	802.11ac40	5755	Ant 1	36.08	0.5	Pass
NVNT	802.11ac40	5795	Ant 1	35.68	0.5	Pass
NVNT	802.11ac80	5775	Ant 1	75.2	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 1	17.56	0.5	Pass

NVNT	802.11n(HT20)	5785	Ant 1	17.56	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 1	16.64	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 1	35.92	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 1	35.36	0.5	Pass

EBW NVNT 802.11a 5745MHz Ant1

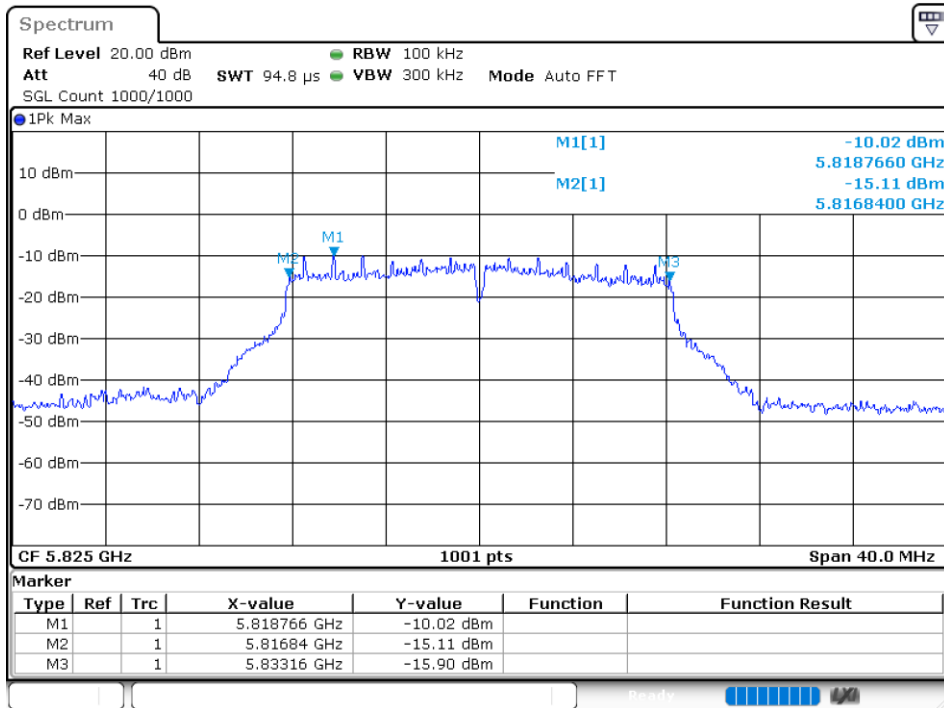


EBW NVNT 802.11a 5785MHz Ant1

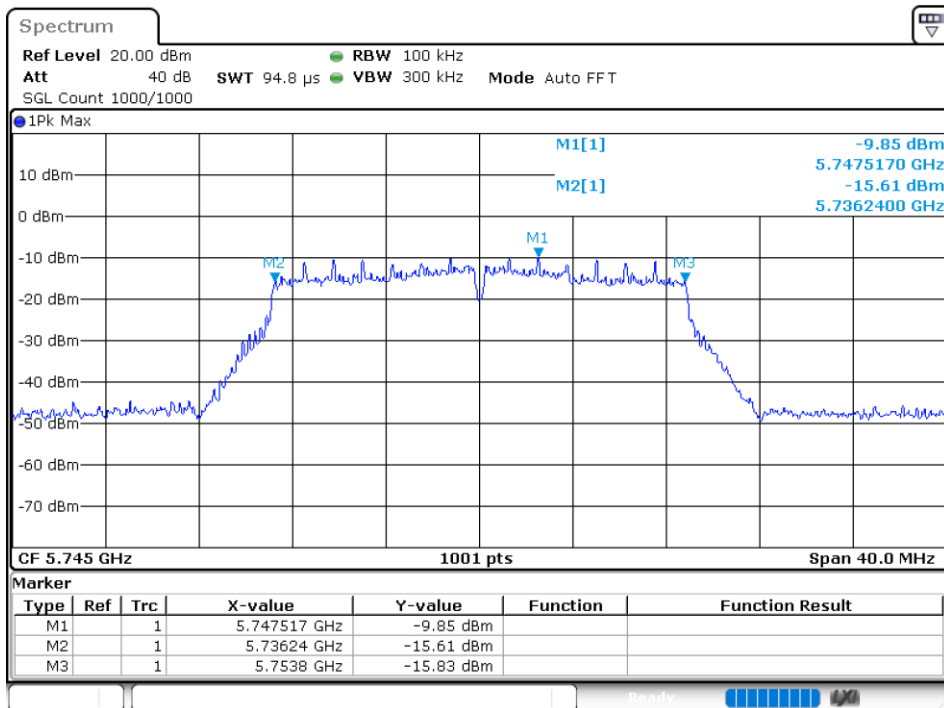


EBW NVNT 802.11a 5825MHz Ant1

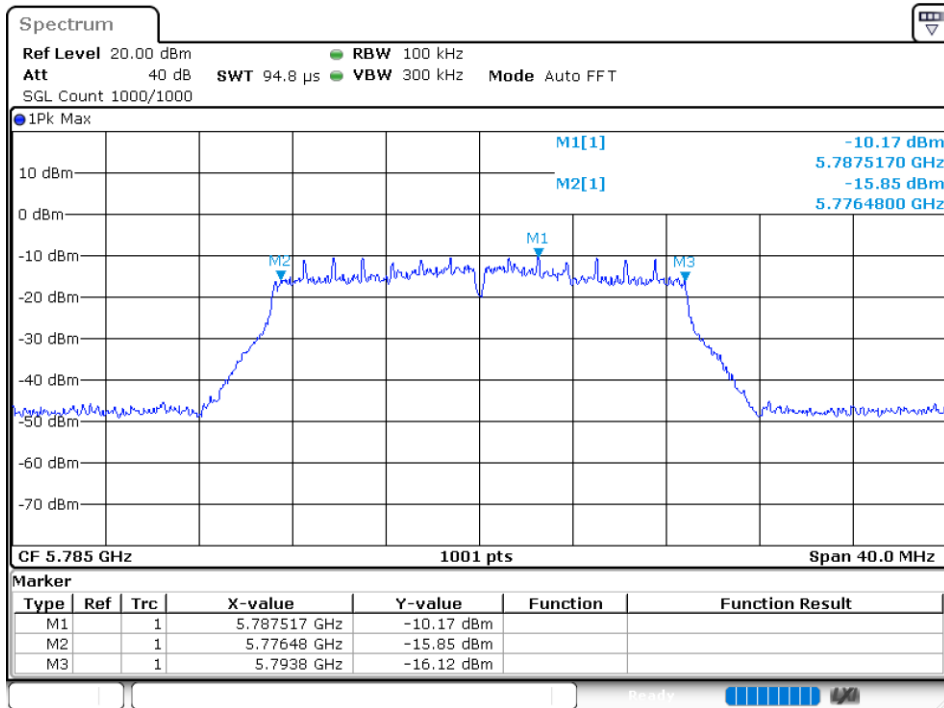




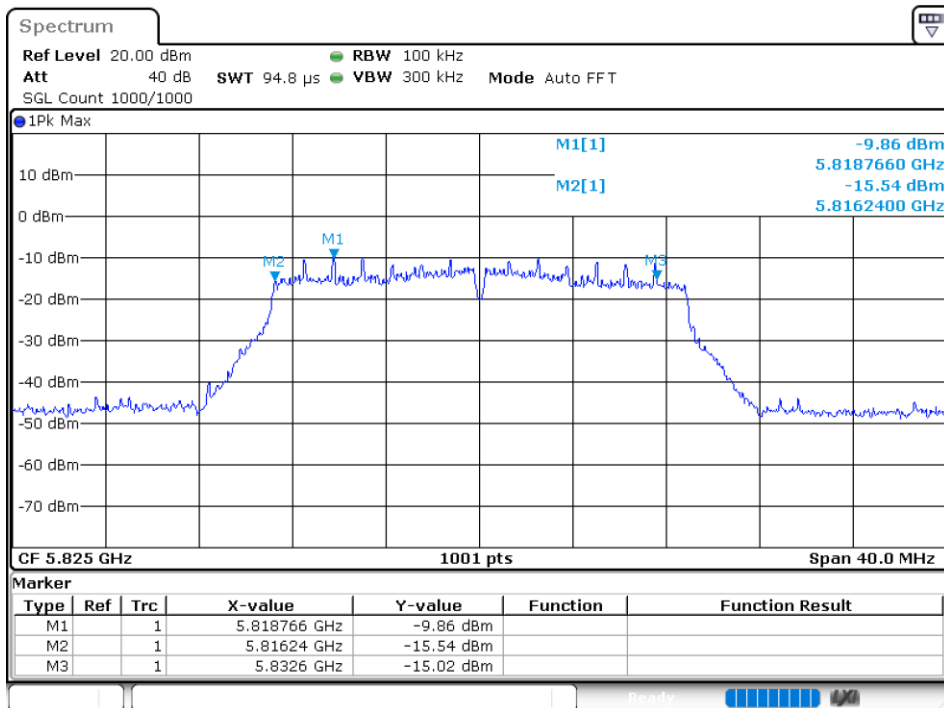
EBW NVNT 802.11ac20 5745MHz Ant1



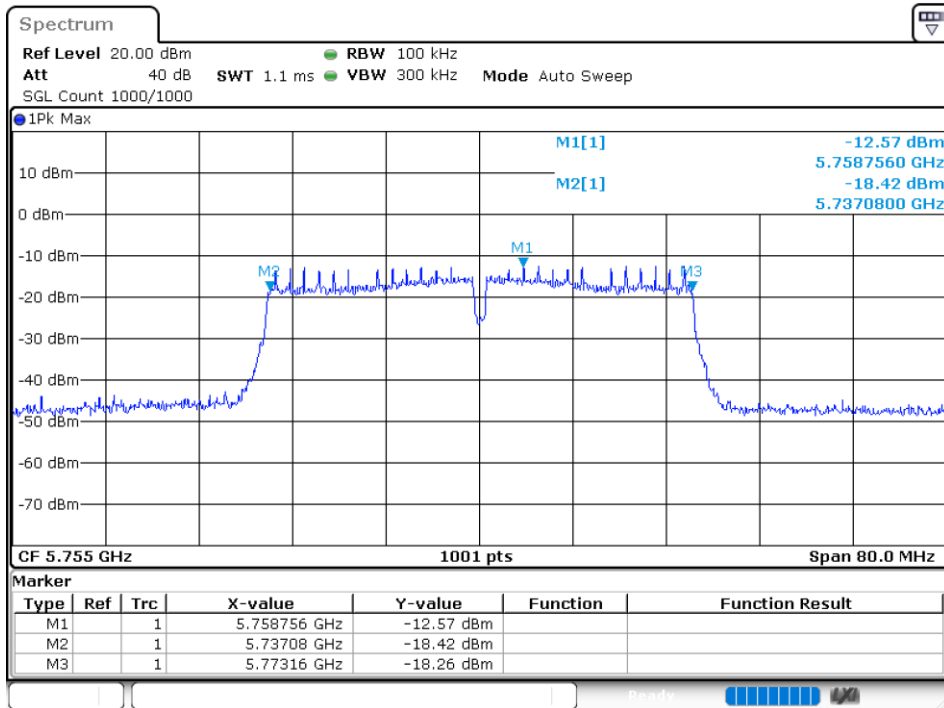
EBW NVNT 802.11ac20 5785MHz Ant1



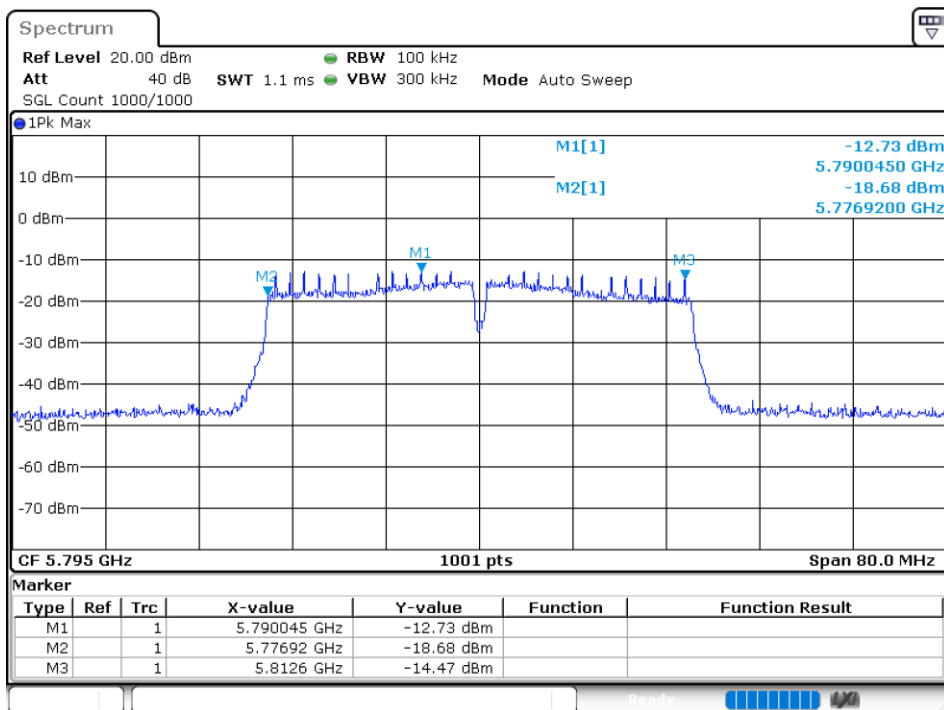
EBW NVNT 802.11ac20 5825MHz Ant1



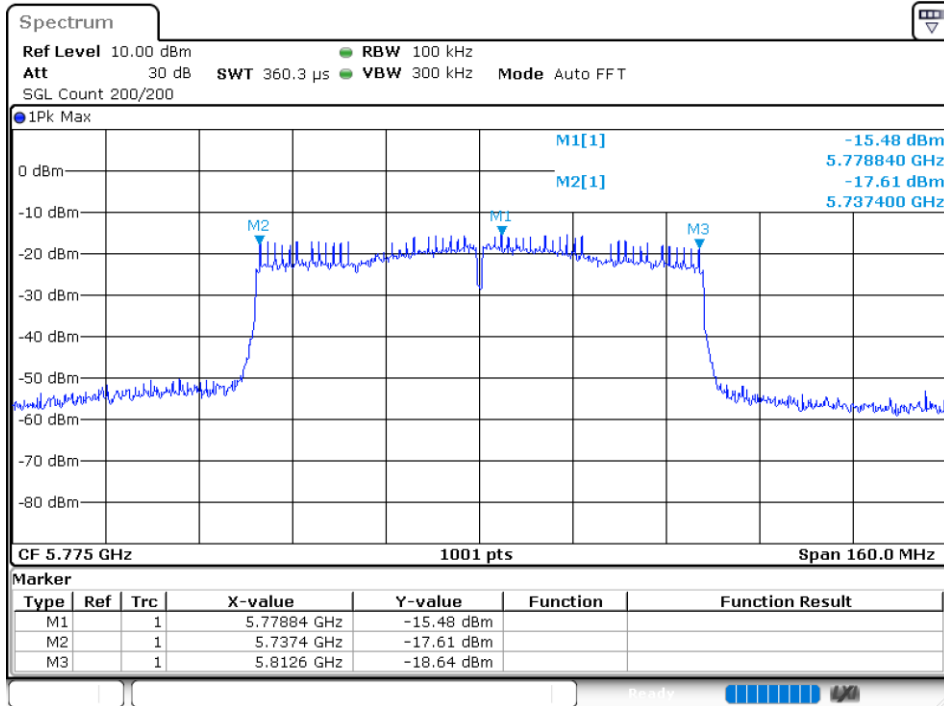
EBW NVNT 802.11ac40 5755MHz Ant1



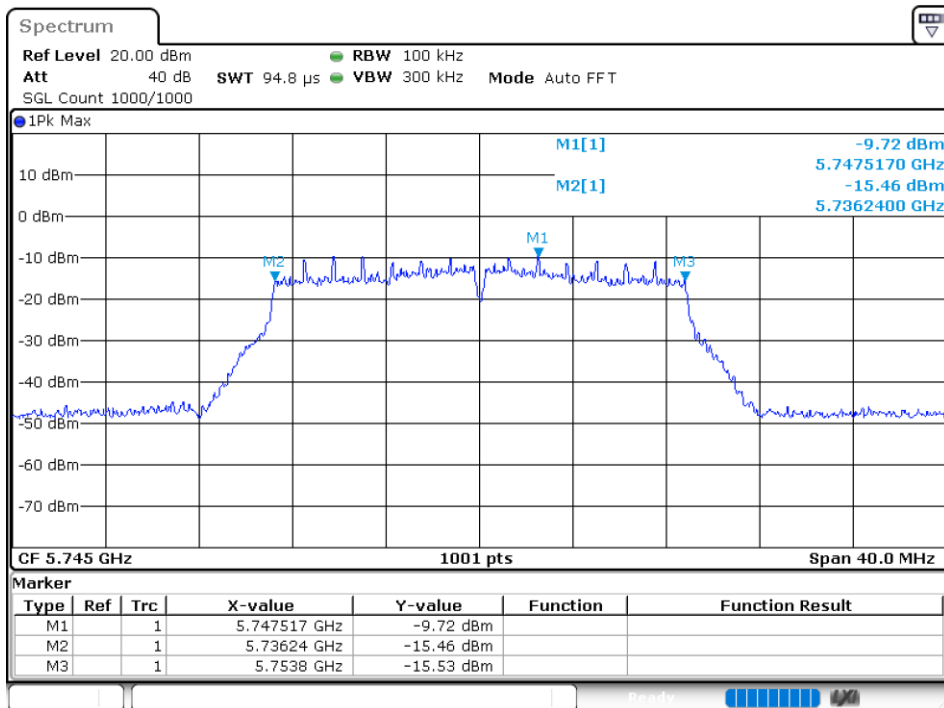
EBW NVNT 802.11ac40 5795MHz Ant1



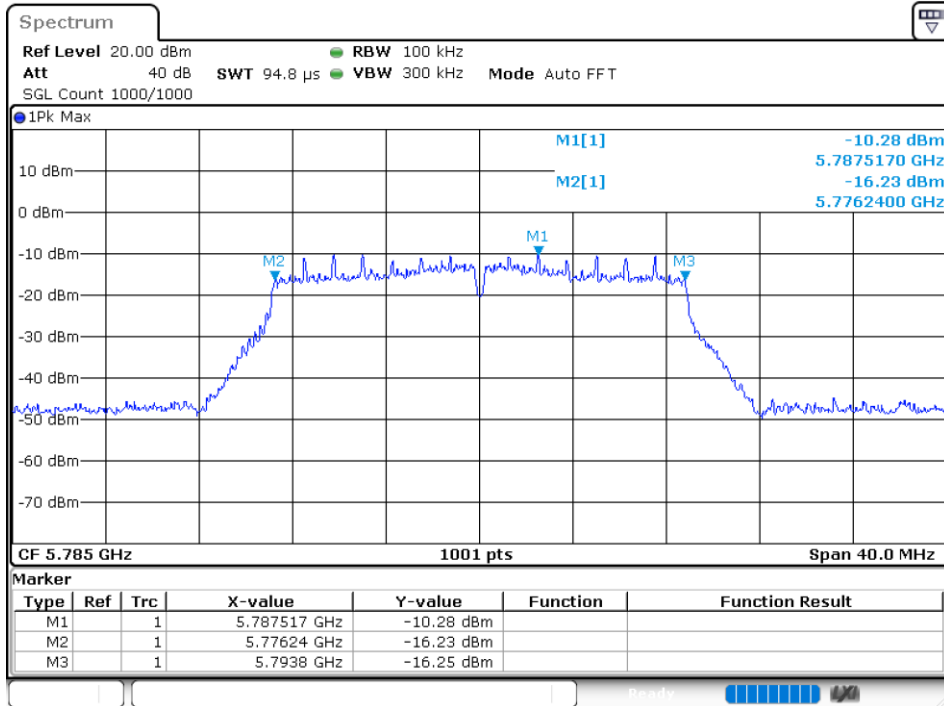
EBW NVNT 802.11ac80 5775MHz Ant1



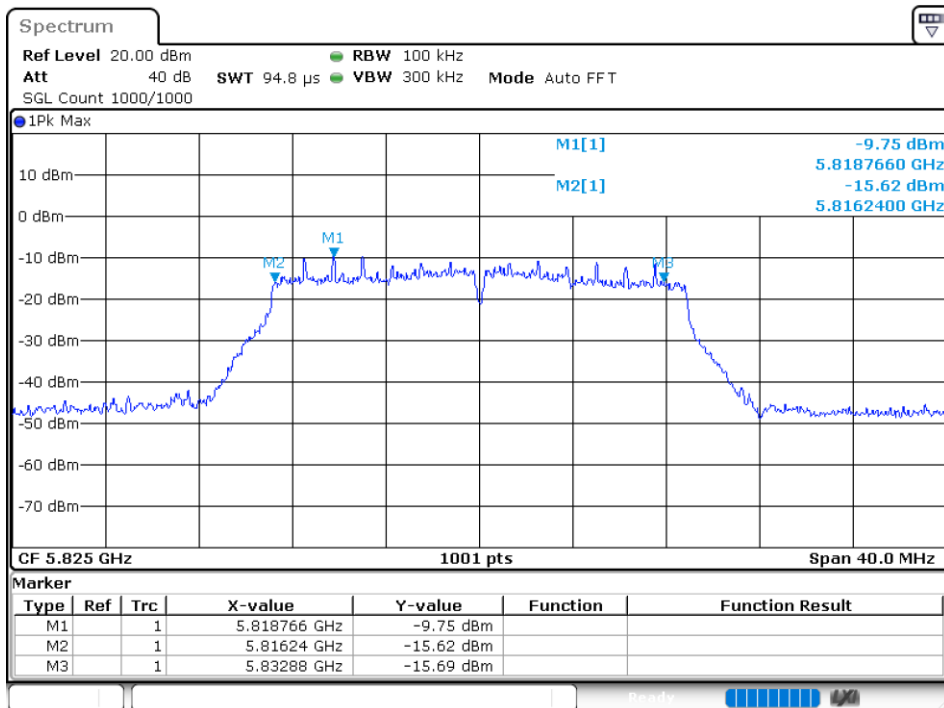
EBW NVNT 802.11n(HT20) 5745MHz Ant1



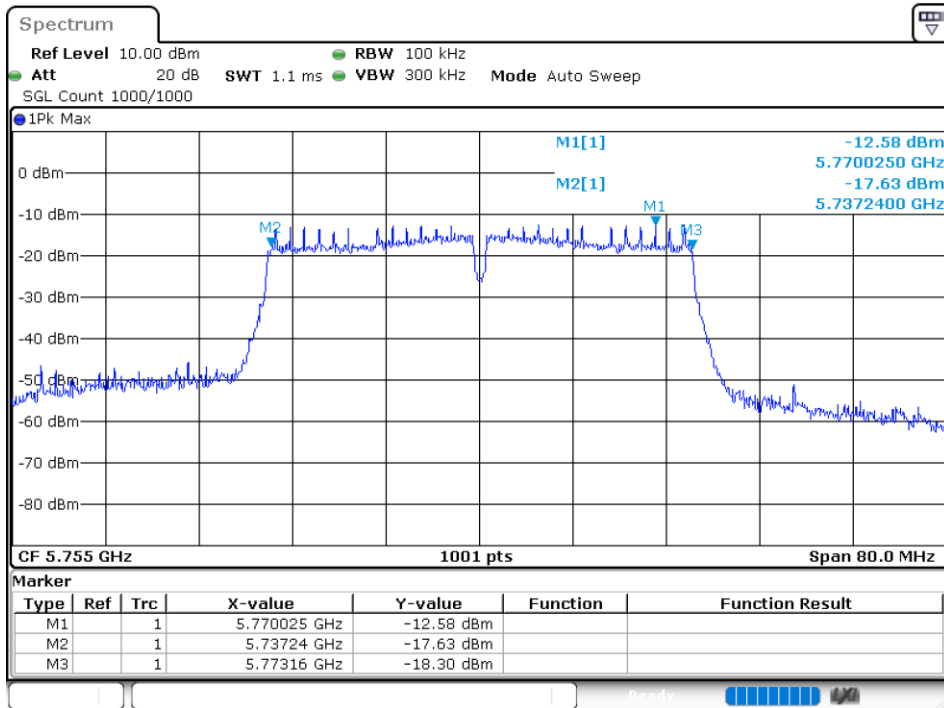
EBW NVNT 802.11n(HT20) 5785MHz Ant1



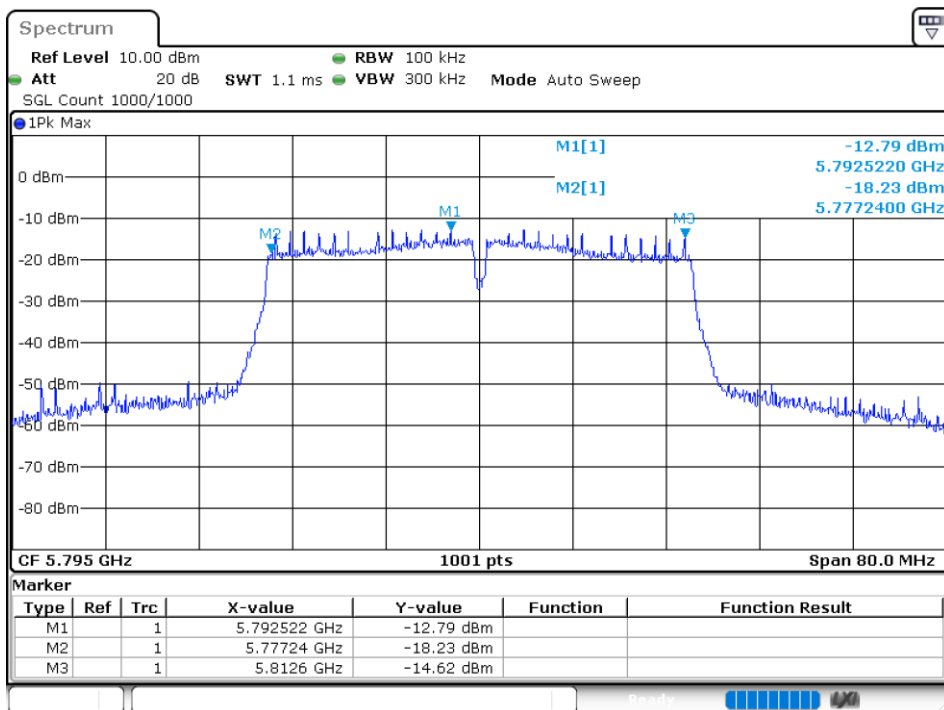
EBW NVNT 802.11n(HT20) 5825MHz Ant1



EBW NVNT 802.11n(HT40) 5755MHz Ant1



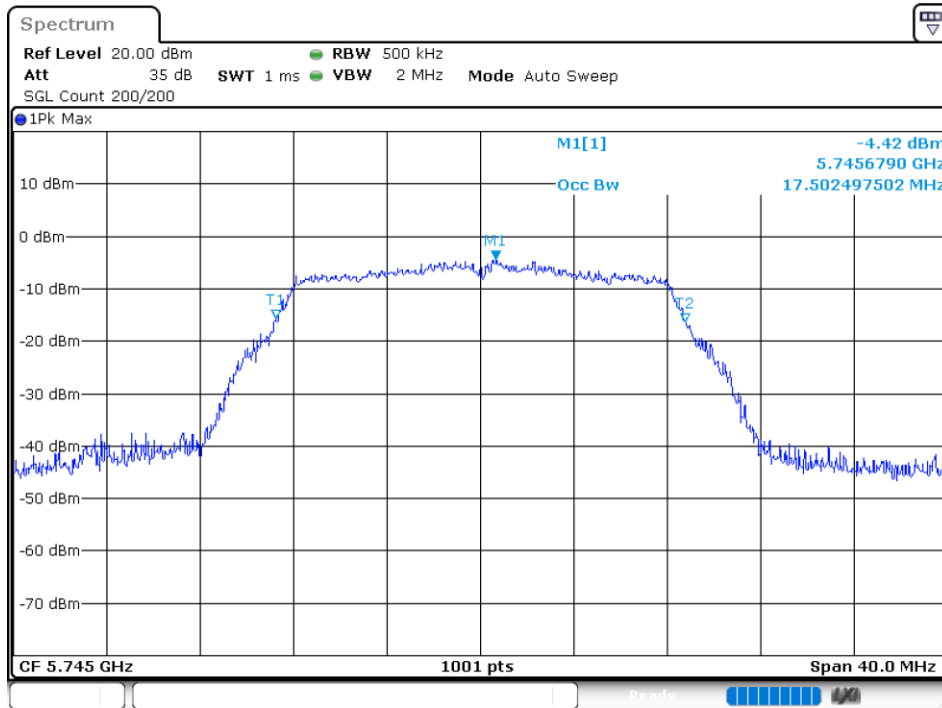
EBW NVNT 802.11n(HT40) 5795MHz Ant1



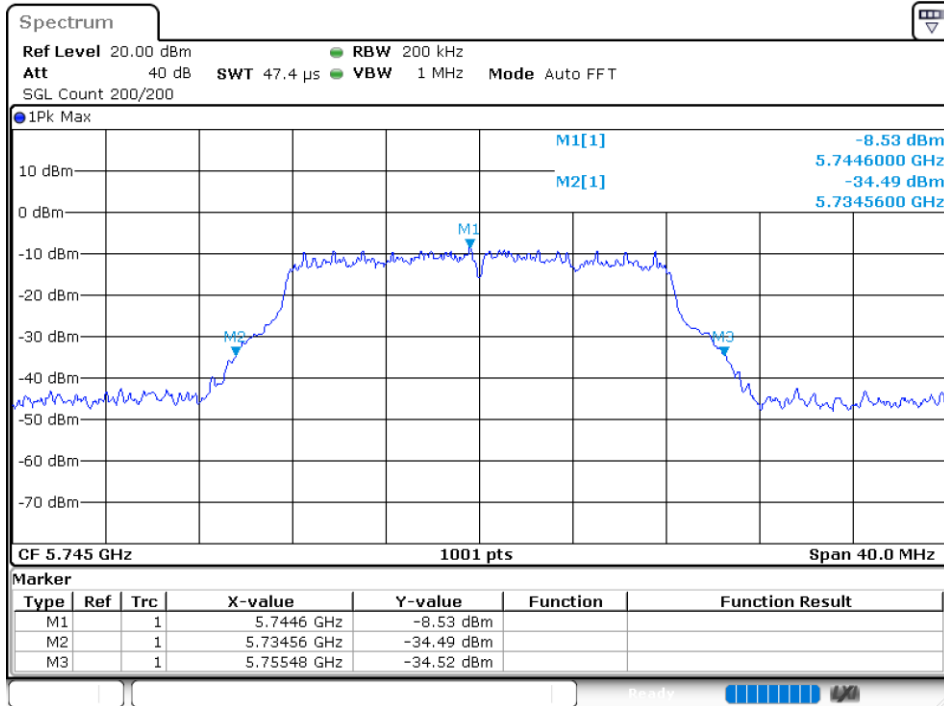
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	17.5025	20.92	Pass
NVNT	802.11a	5785	Ant 1	17.4625	20.8	Pass
NVNT	802.11a	5825	Ant 1	17.6623	20.88	Pass
NVNT	802.11ac20	5745	Ant 1	17.9421	21.44	Pass
NVNT	802.11ac20	5785	Ant 1	17.7822	21.24	Pass
NVNT	802.11ac20	5825	Ant 1	17.8621	21.64	Pass
NVNT	802.11ac40	5755	Ant 1	36.2837	40.24	Pass
NVNT	802.11ac40	5795	Ant 1	36.2837	39.44	Pass
NVNT	802.11ac80	5775	Ant 1	75.2847	80.8	Pass
NVNT	802.11n(HT20)	5745	Ant 1	18.1019	21.4	Pass
NVNT	802.11n(HT20)	5785	Ant 1	17.9021	21.32	Pass
NVNT	802.11n(HT20)	5825	Ant 1	18.022	21.48	Pass
NVNT	802.11n(HT40)	5755	Ant 1	36.3636	40.24	Pass
NVNT	802.11n(HT40)	5795	Ant 1	36.2837	39.92	Pass

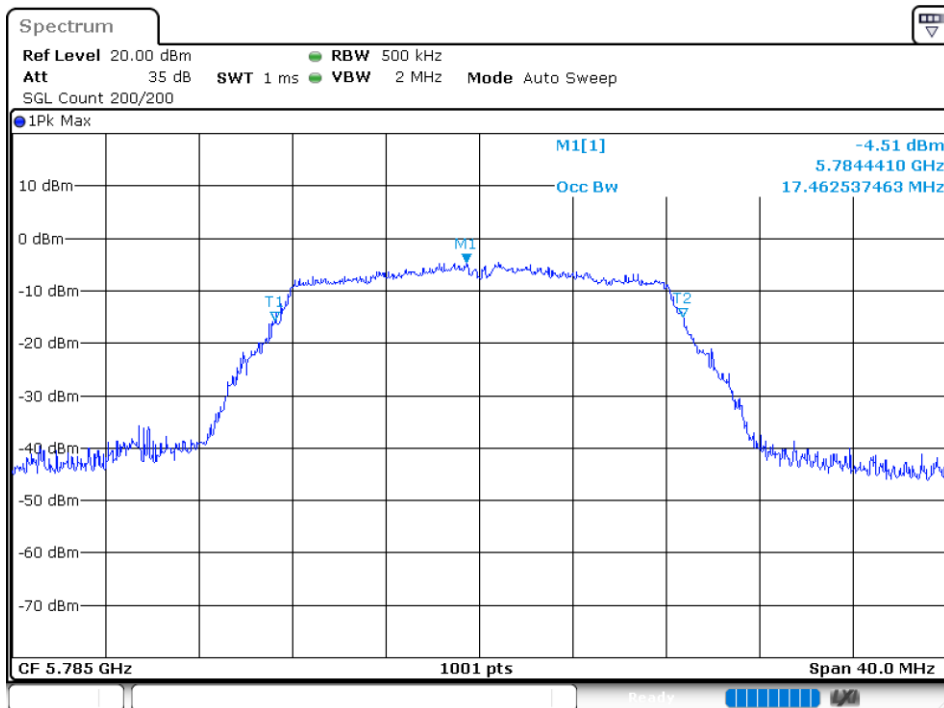
OBW NVNT 802.11a 5745MHz Ant1



-26 dB BW NVNT 802.11a 5745MHz Ant1

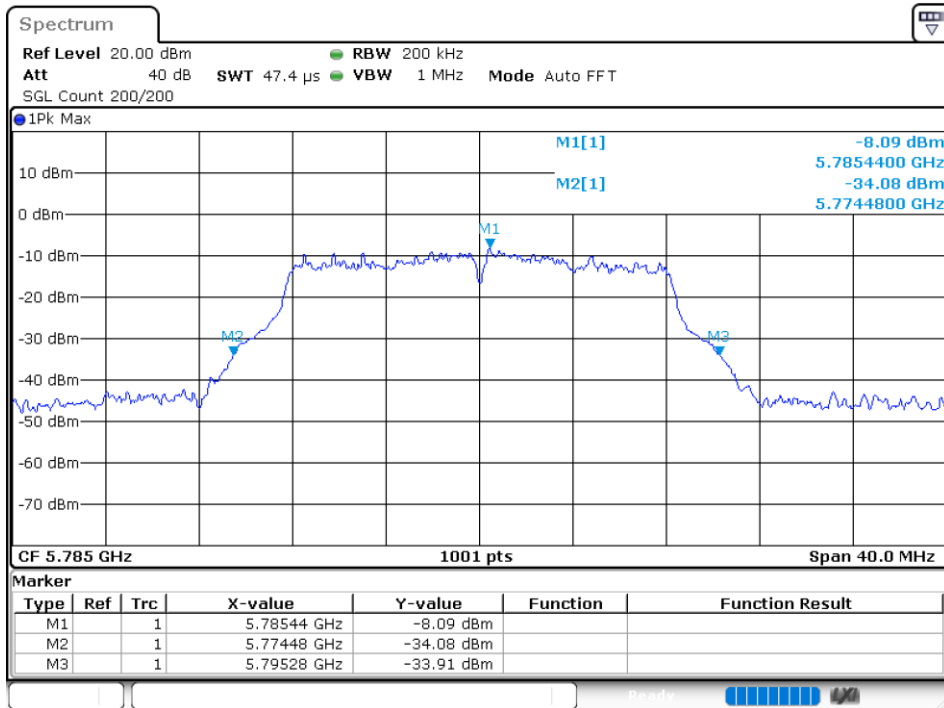


OBW NVNT 802.11a 5785MHz Ant1

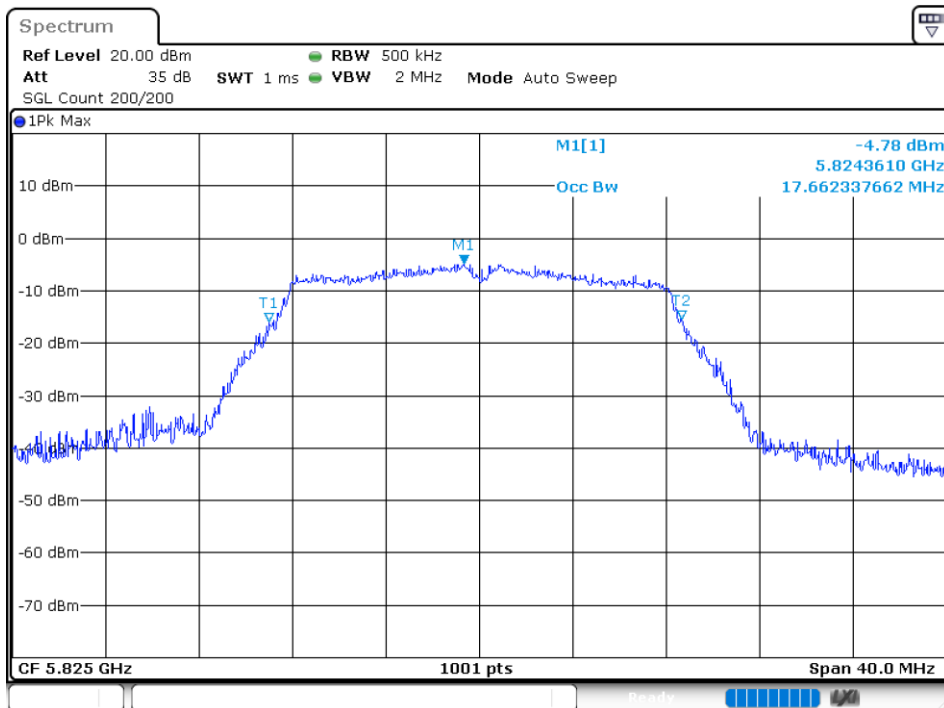


-26 dB BW NVNT 802.11a 5785MHz Ant1

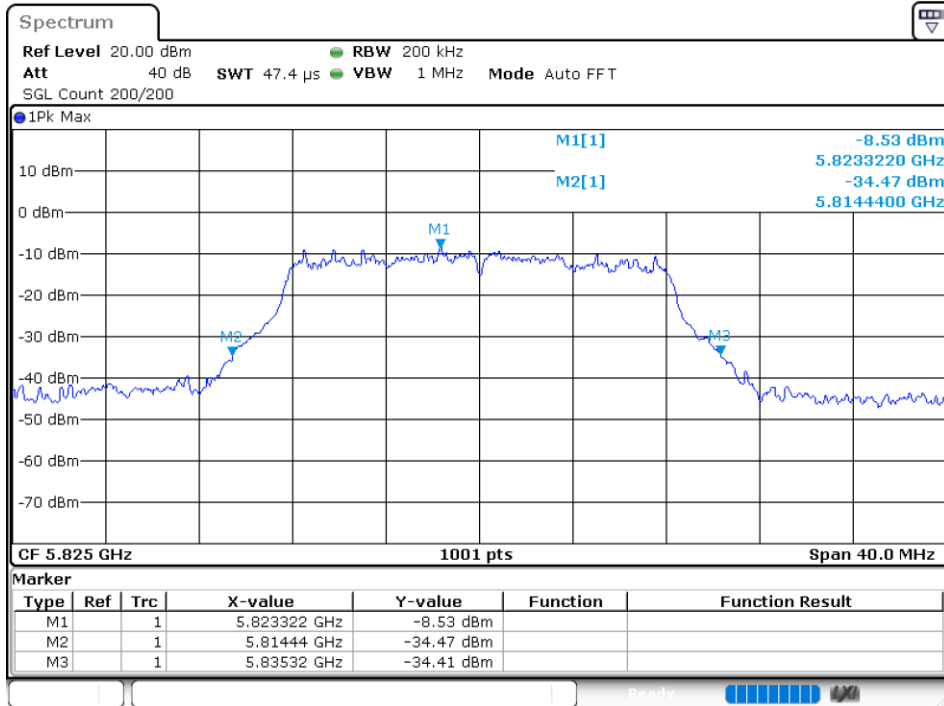




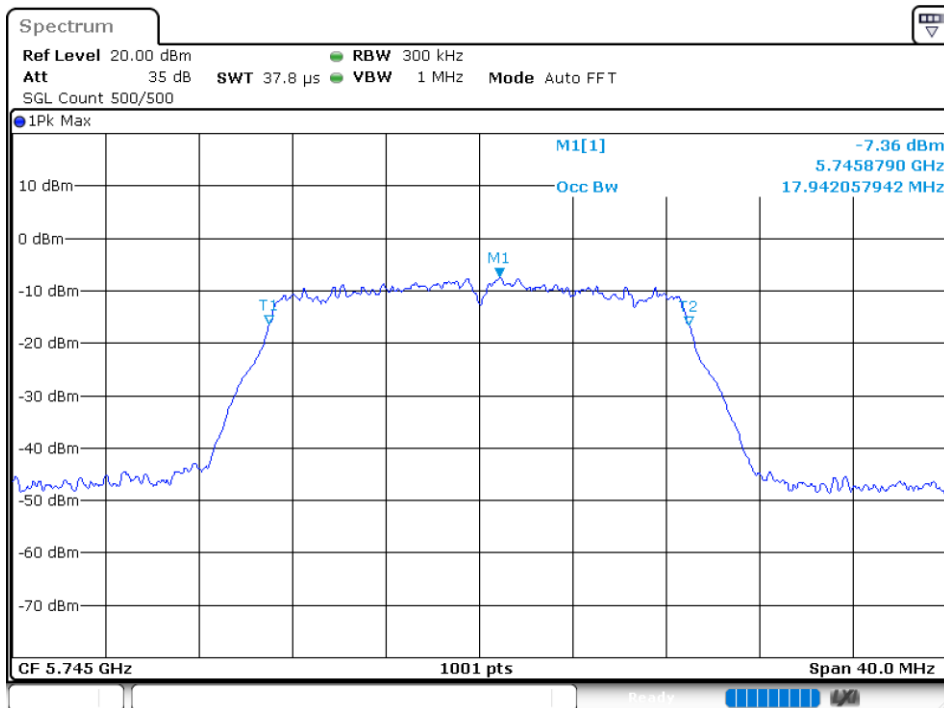
OBW NVNT 802.11a 5825MHz Ant1



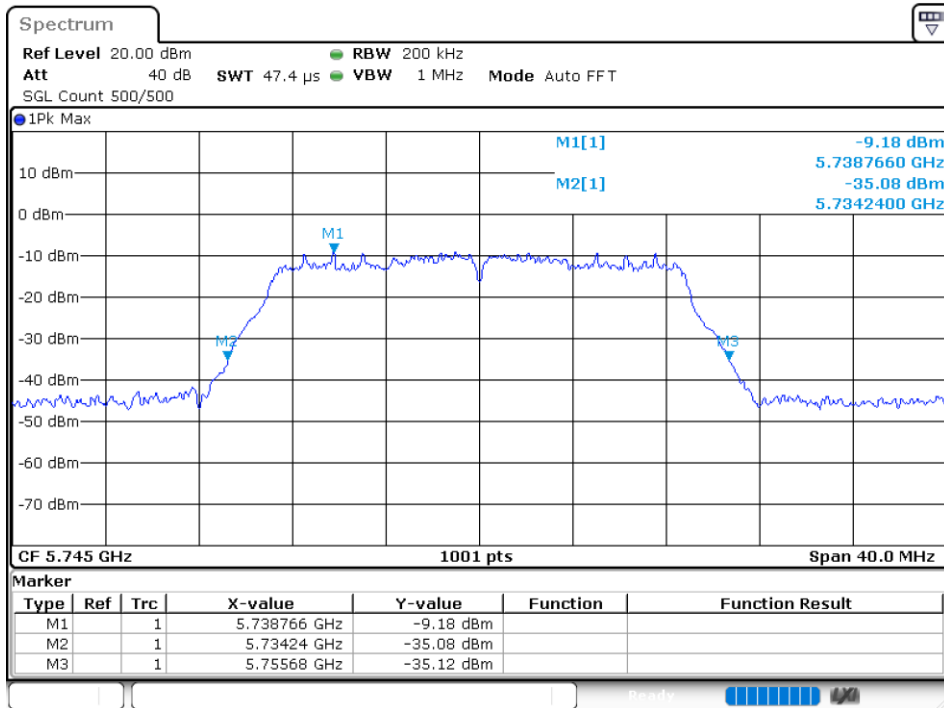
-26 dB BW NVNT 802.11a 5825MHz Ant1



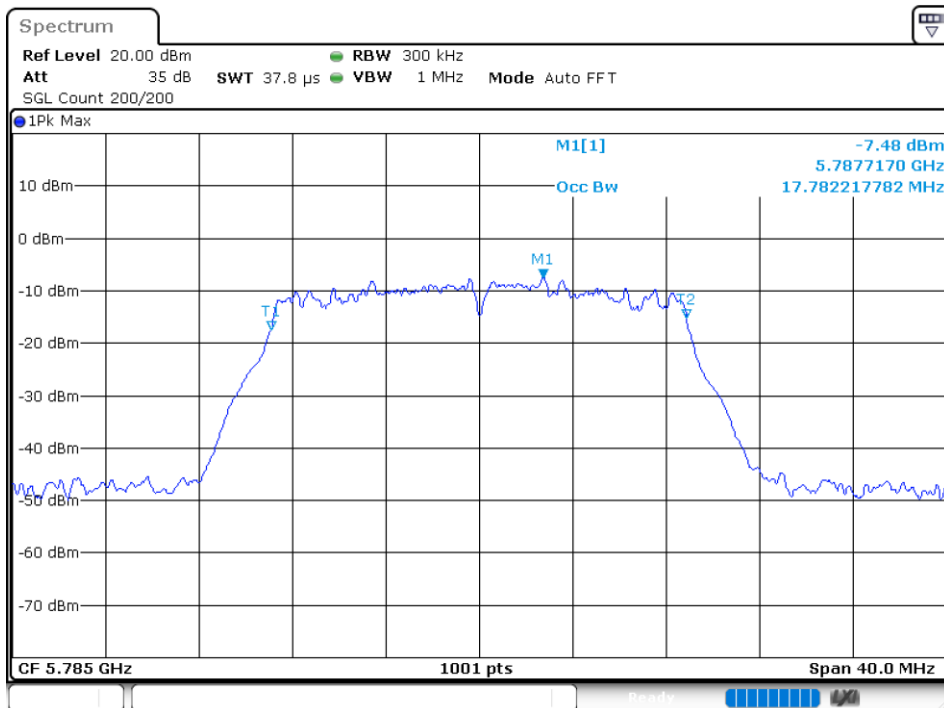
OBW NVNT 802.11ac20 5745MHz Ant1



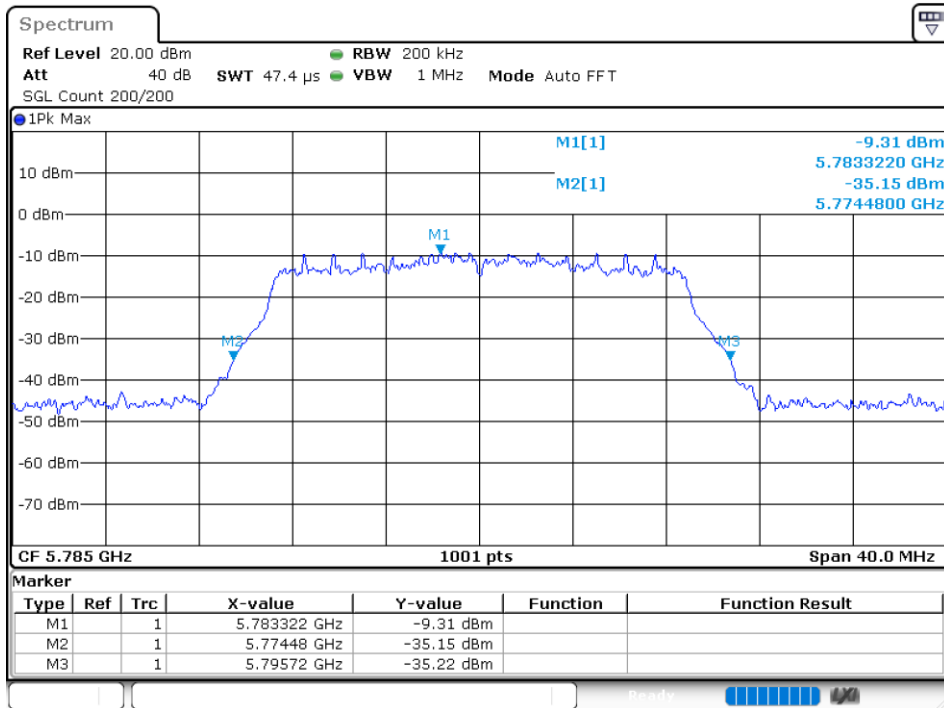
-26 dB BW NVNT 802.11ac20 5745MHz Ant1



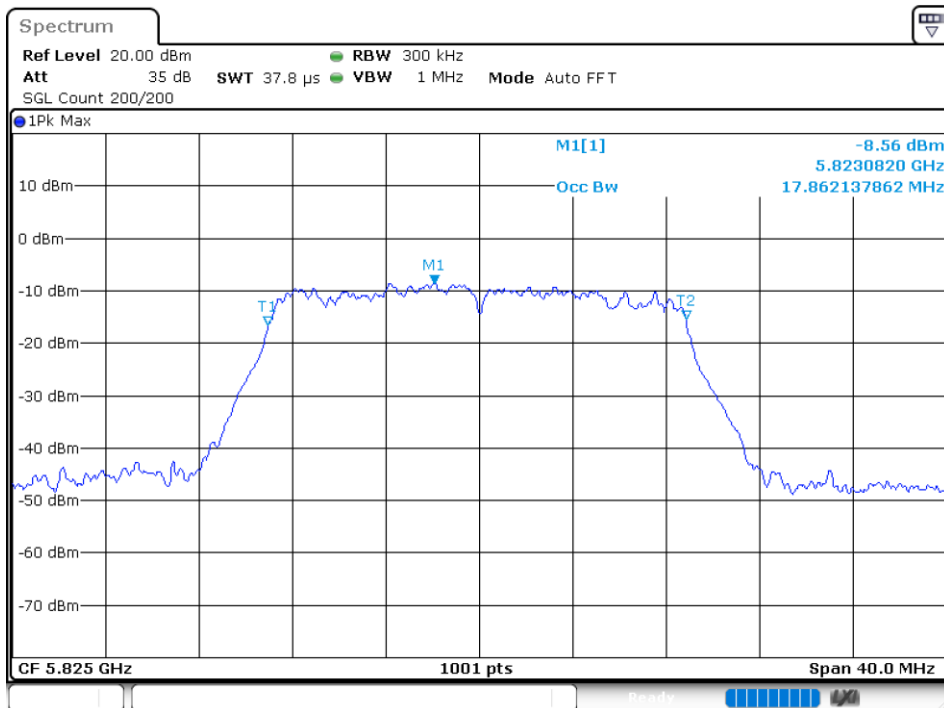
OBW NVNT 802.11ac20 5785MHz Ant1



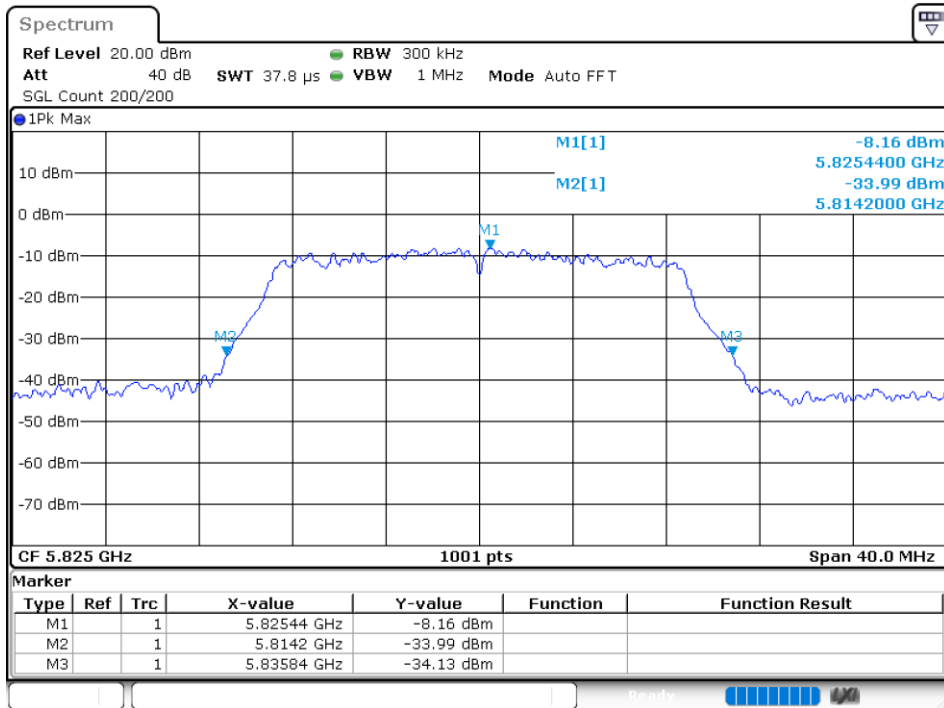
-26 dB BW NVNT 802.11ac20 5785MHz Ant1



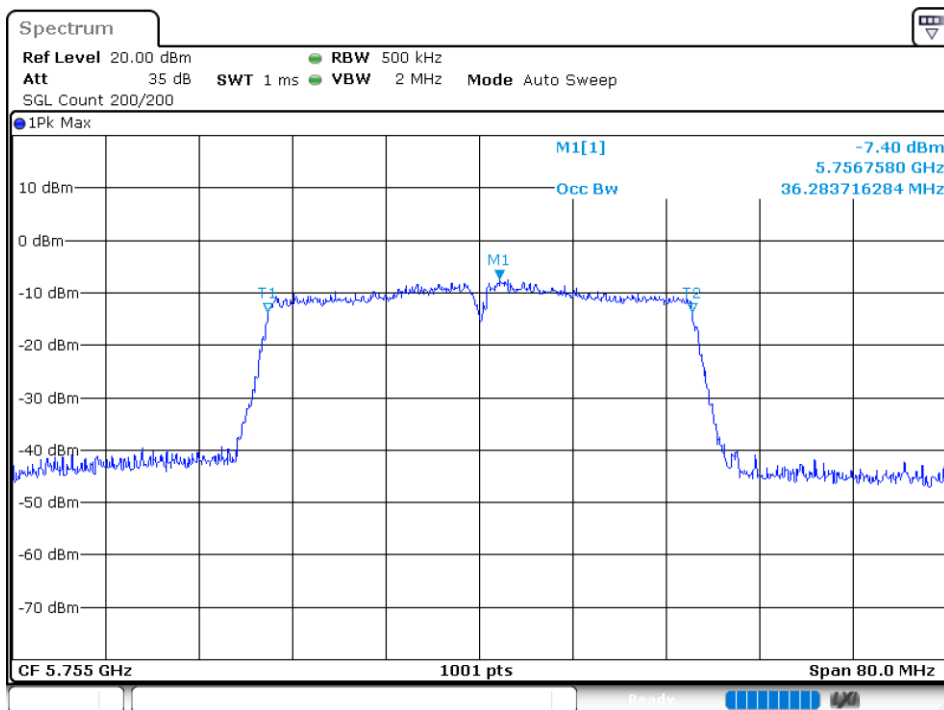
OBW NVNT 802.11ac20 5825MHz Ant1



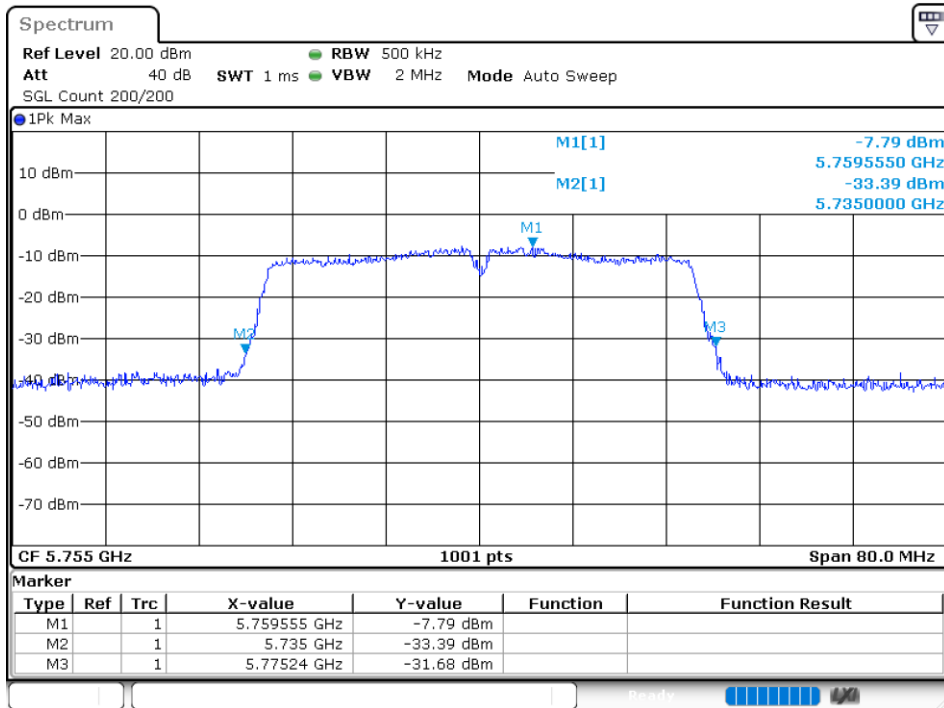
-26 dB BW NVNT 802.11ac20 5825MHz Ant1



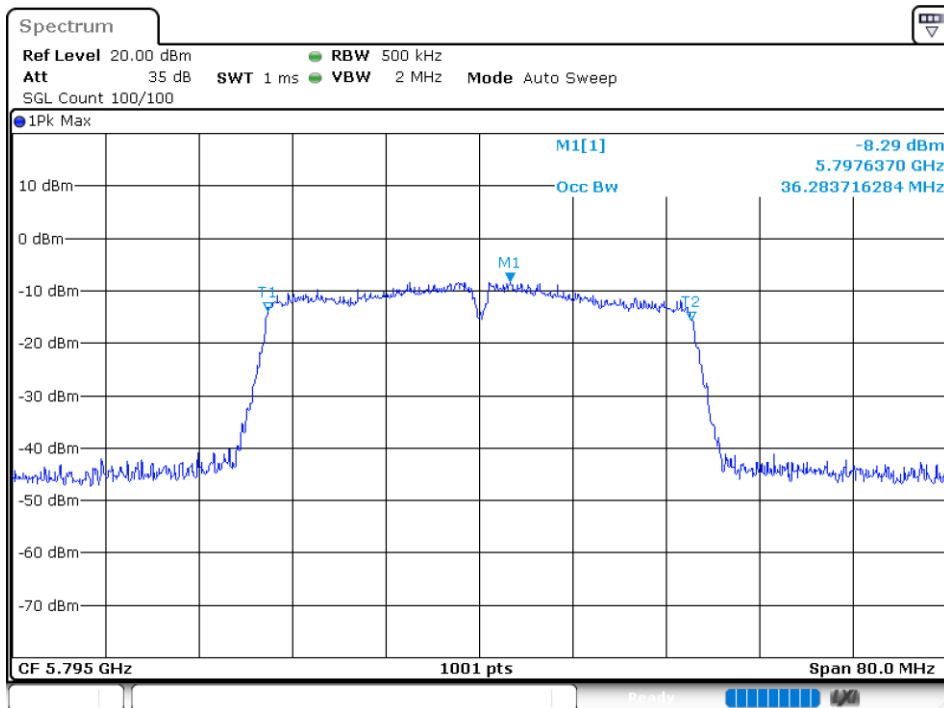
OBW NVNT 802.11ac40 5755MHz Ant1



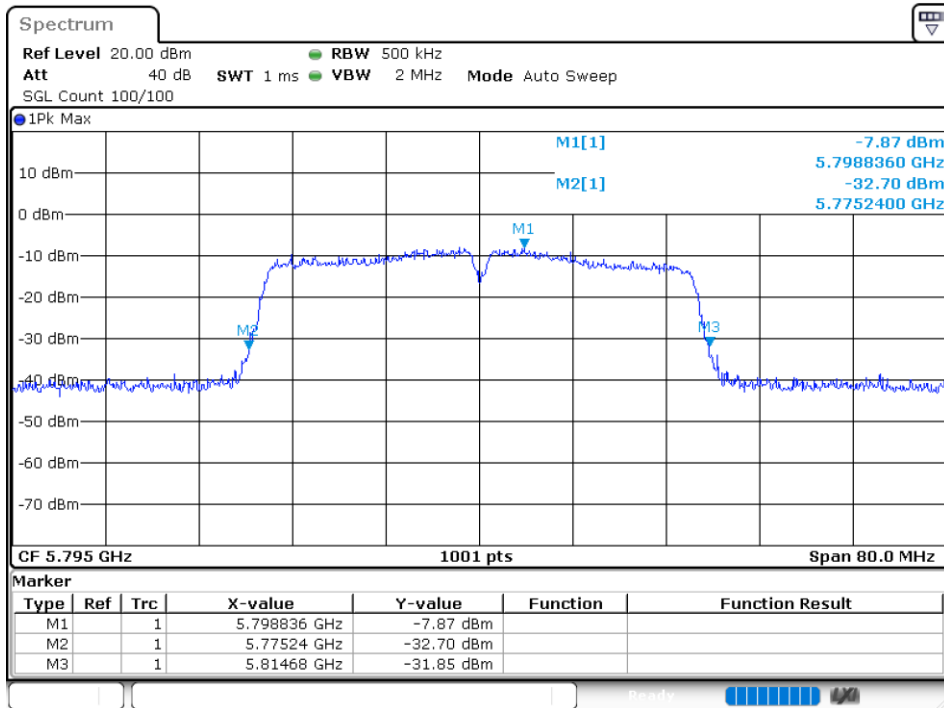
-26 dB BW NVNT 802.11ac40 5755MHz Ant1



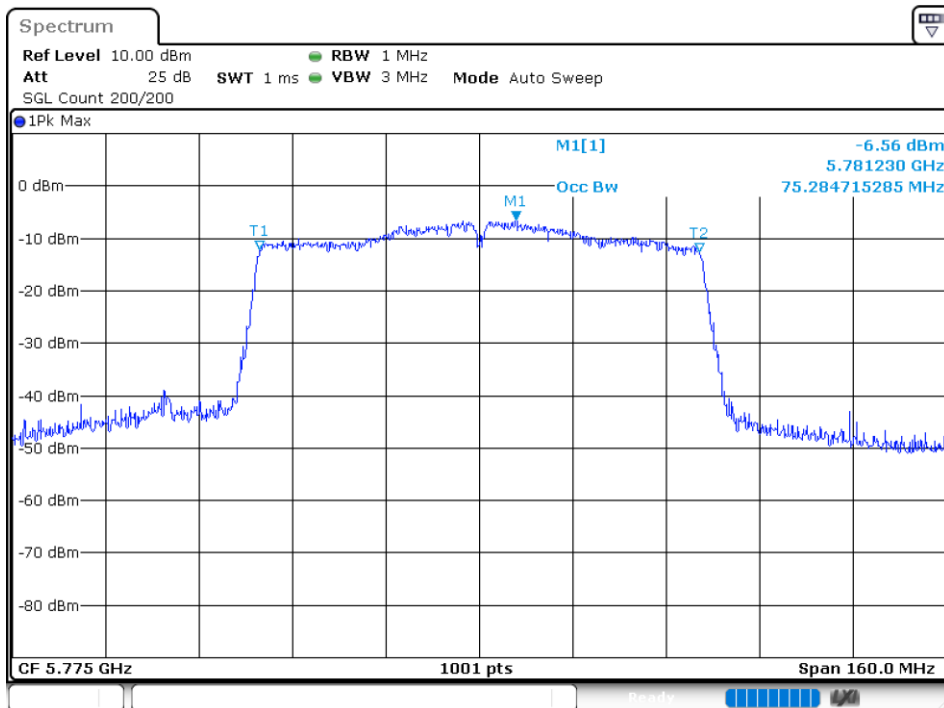
OBW NVNT 802.11ac40 5795MHz Ant1



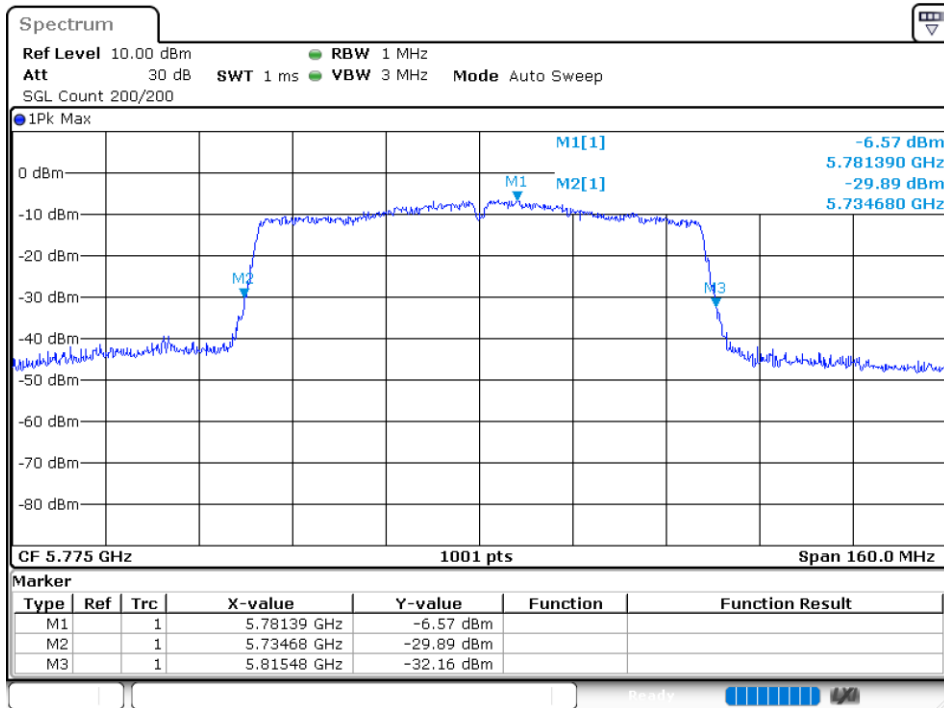
-26 dB BW NVNT 802.11ac40 5795MHz Ant1



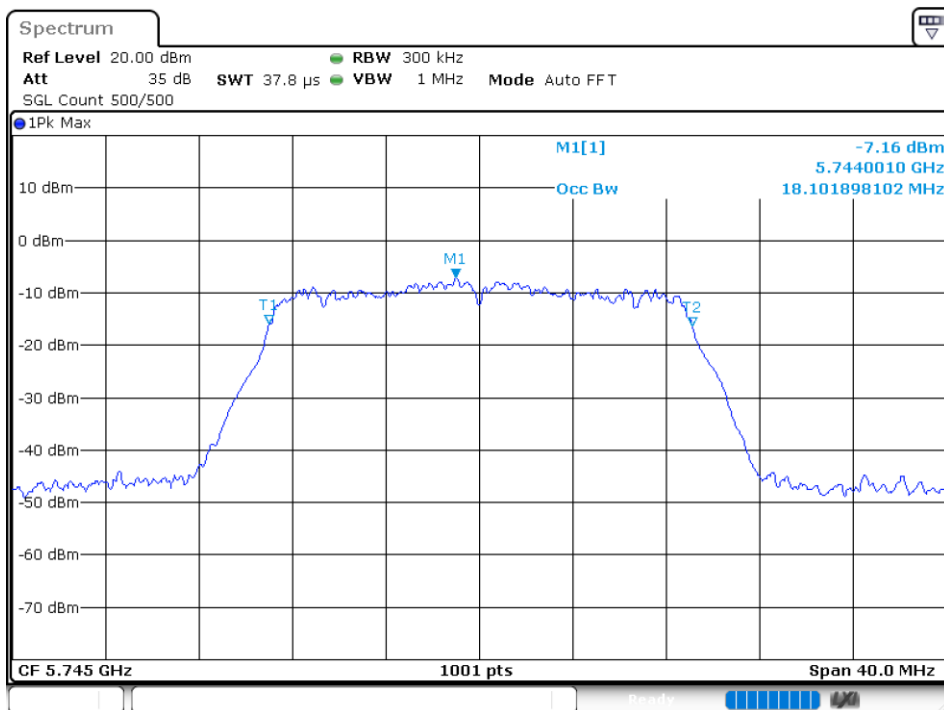
OBW NVNT 802.11ac80 5775MHz Ant1



-26 dB BW NVNT 802.11ac80 5775MHz Ant1

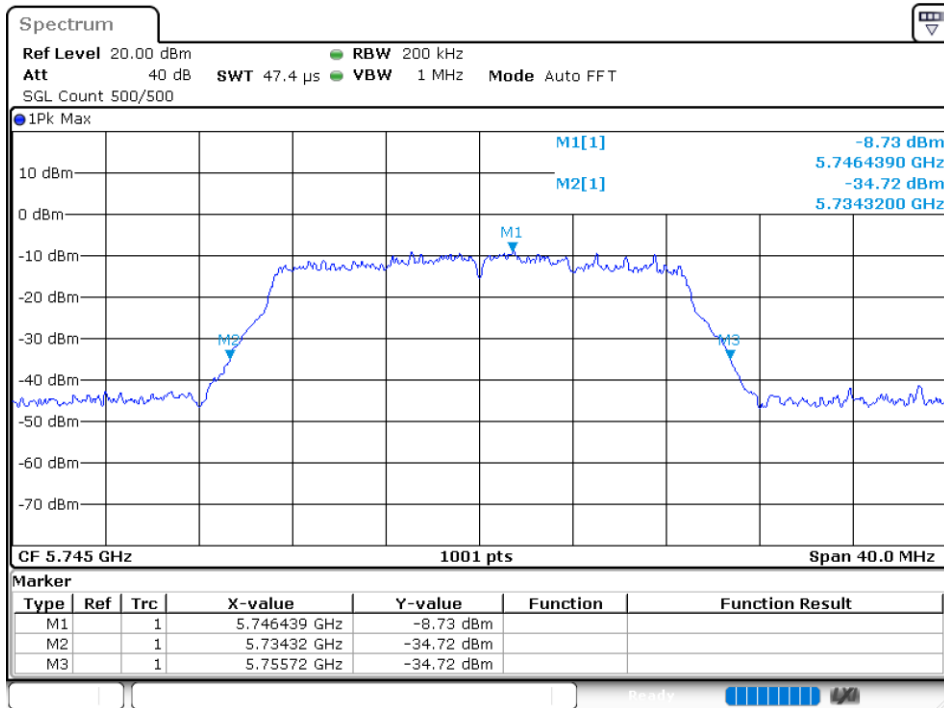


OBW NVNT 802.11n(HT20) 5745MHz Ant1

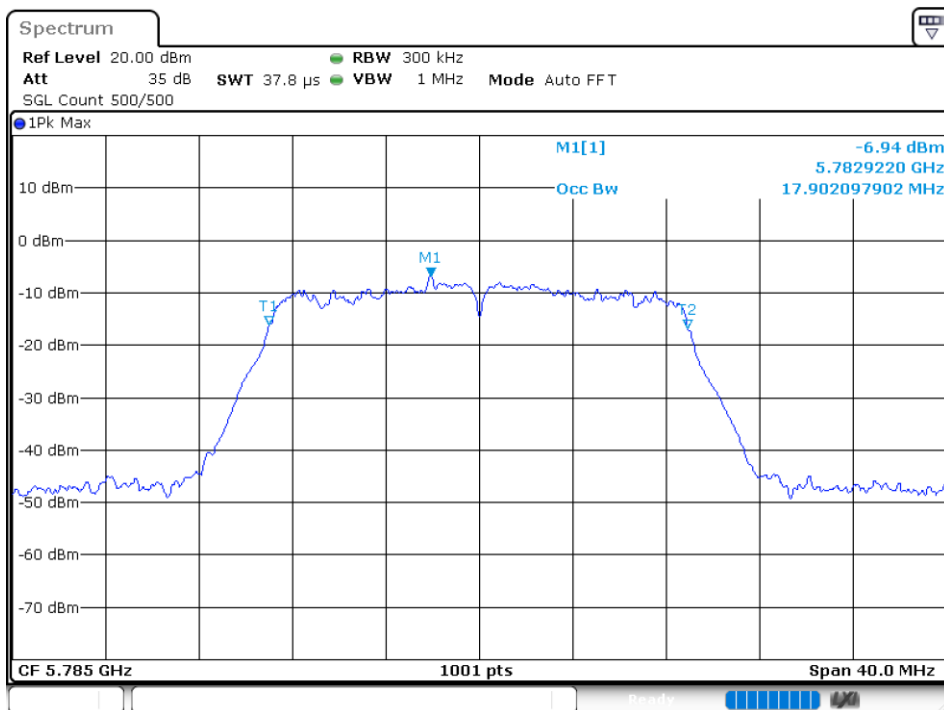


-26 dB BW NVNT 802.11n(HT20) 5745MHz Ant1

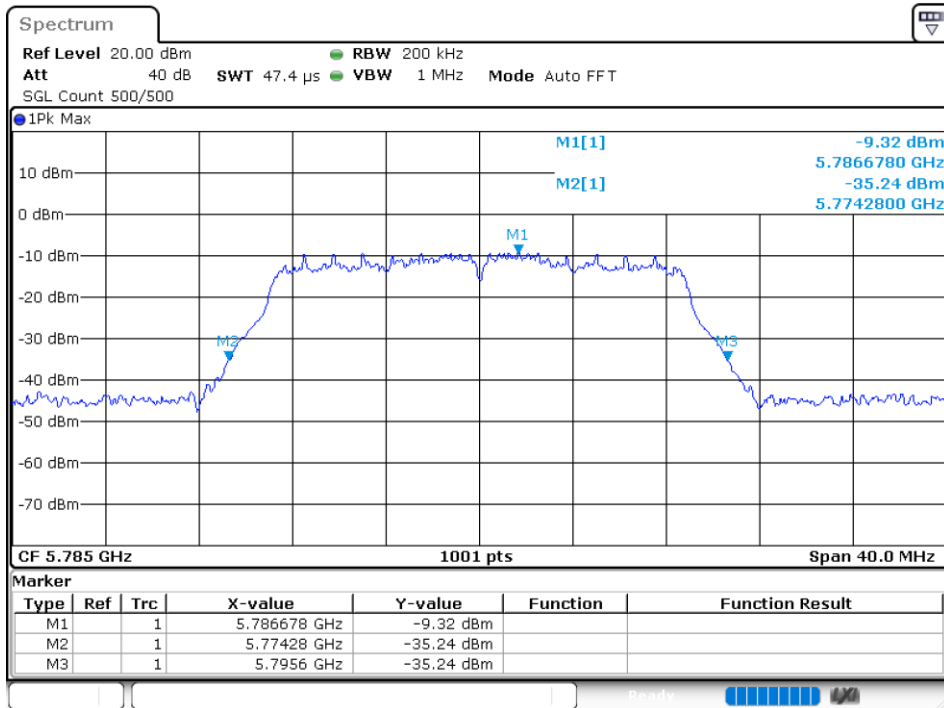




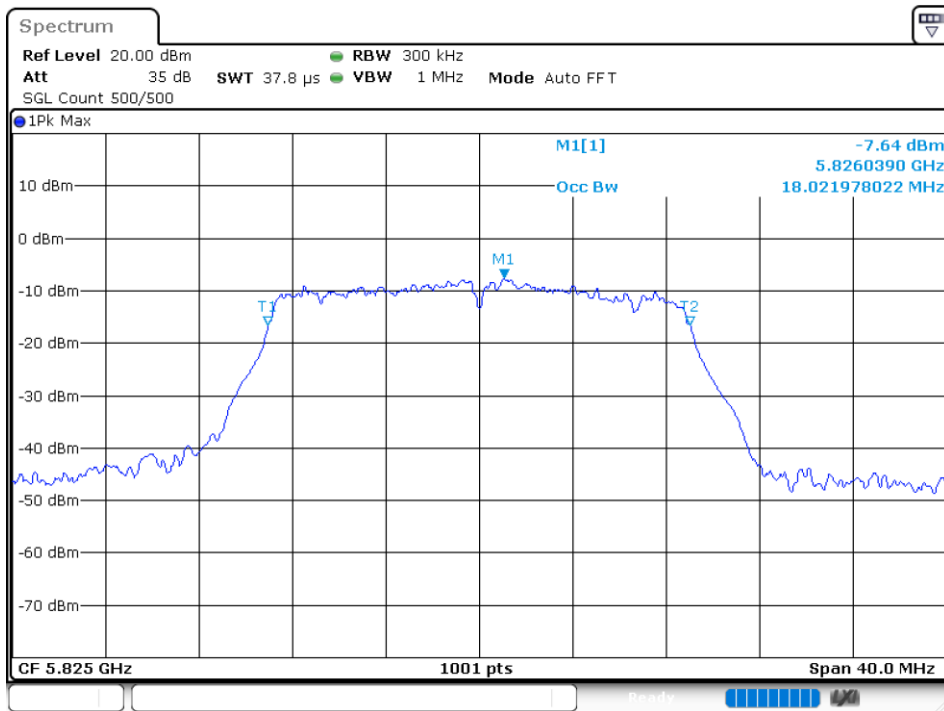
OBW NVNT 802.11n(HT20) 5785MHz Ant1



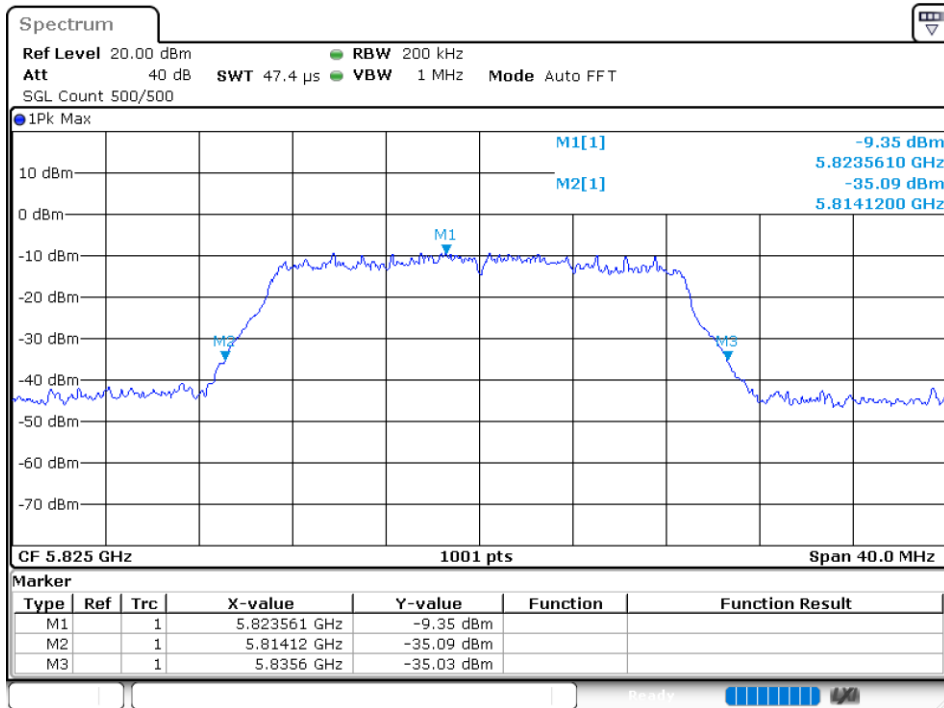
-26 dB BW NVNT 802.11n(HT20) 5785MHz Ant1



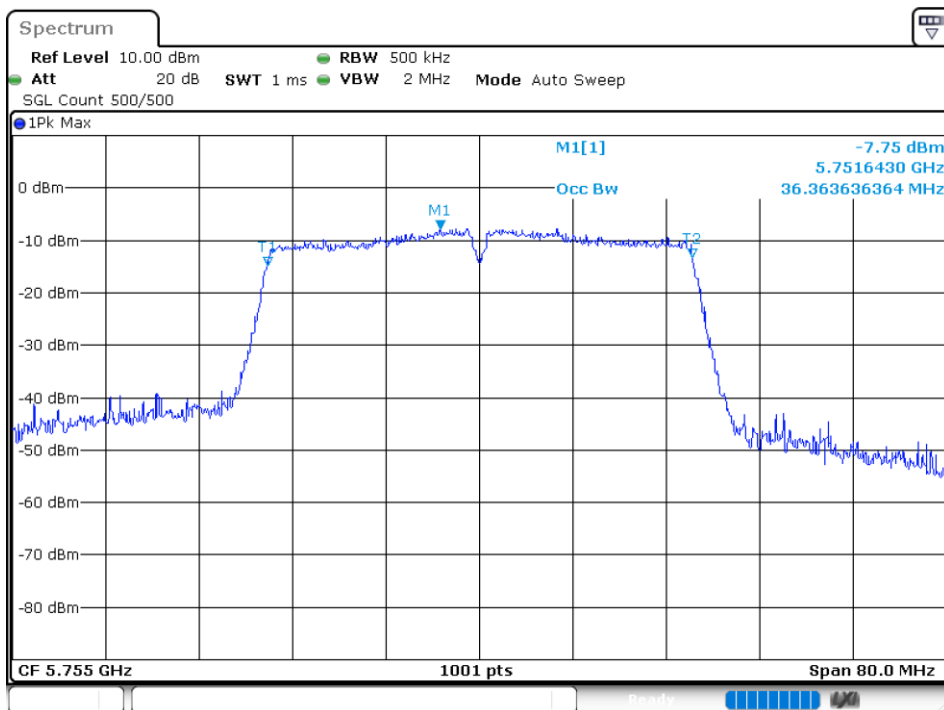
OBW NVNT 802.11n(HT20) 5825MHz Ant1



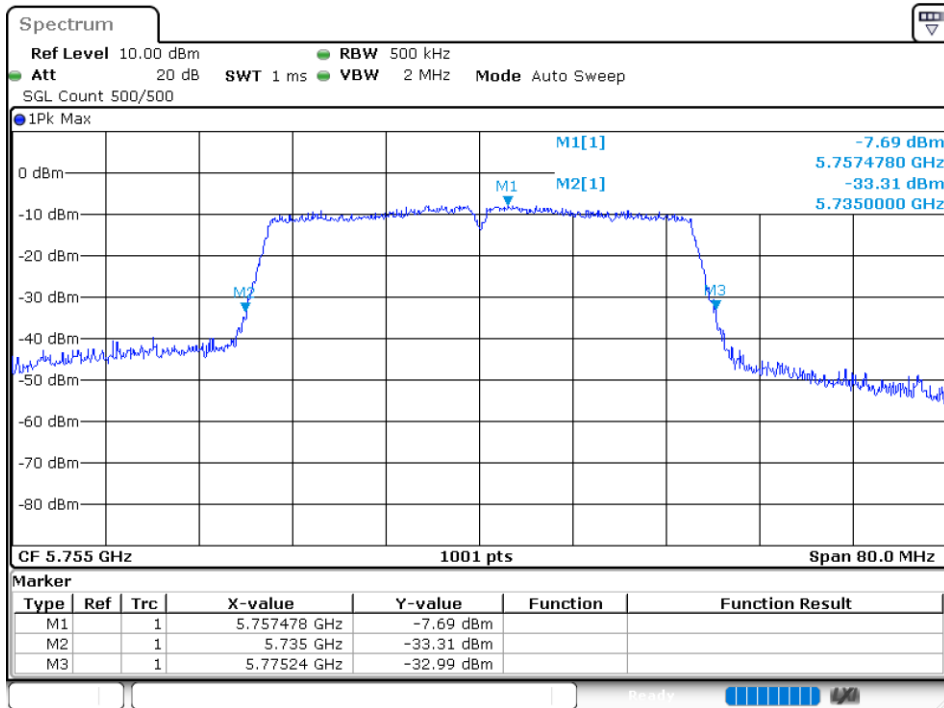
-26 dB BW NVNT 802.11n(HT20) 5825MHz Ant1



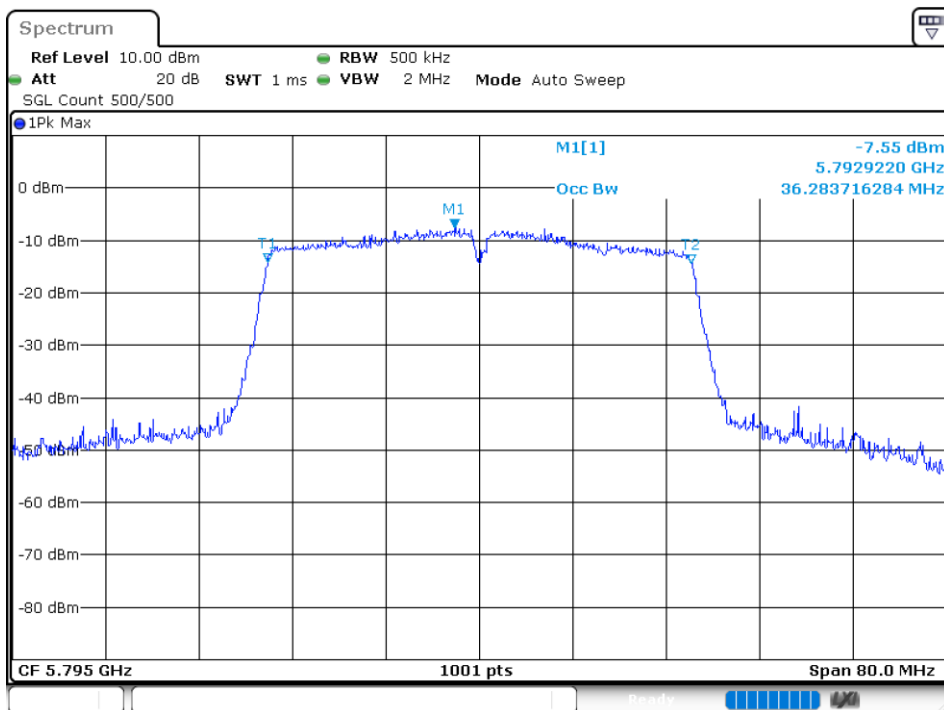
OBW NVNT 802.11n(HT40) 5755MHz Ant1



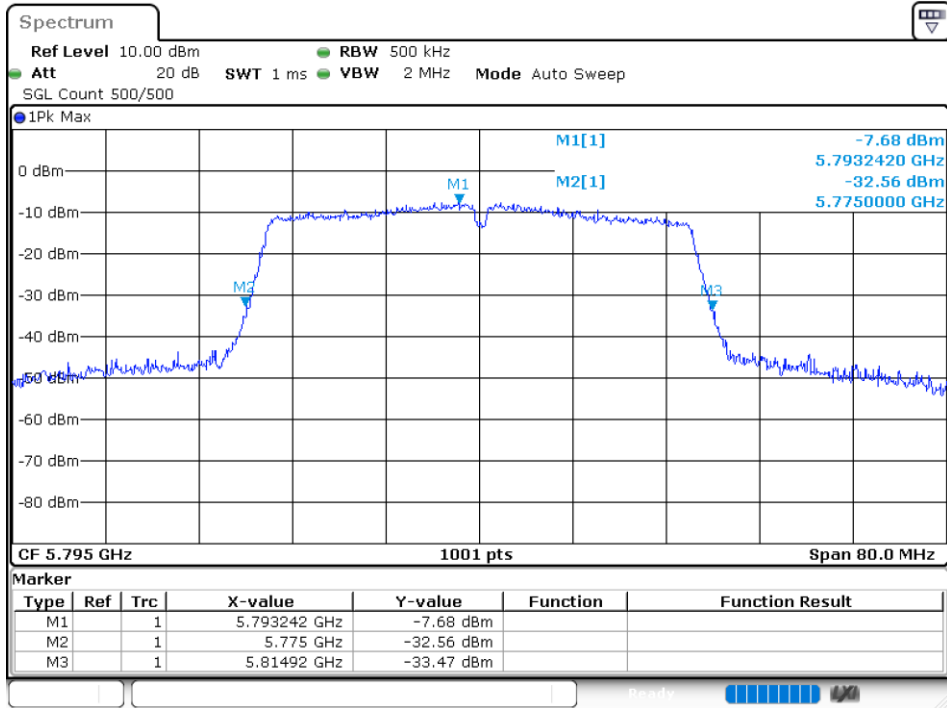
-26 dB BW NVNT 802.11n(HT40) 5755MHz Ant1



OBW NVNT 802.11n(HT40) 5795MHz Ant1



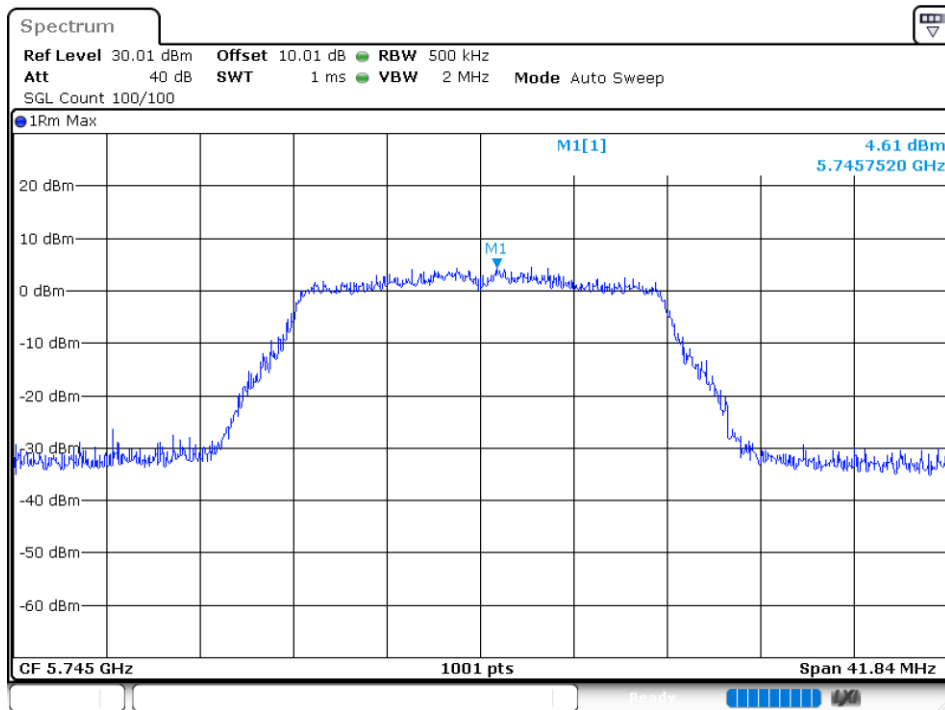
-26 dB BW NVNT 802.11n(HT40) 5795MHz Ant1



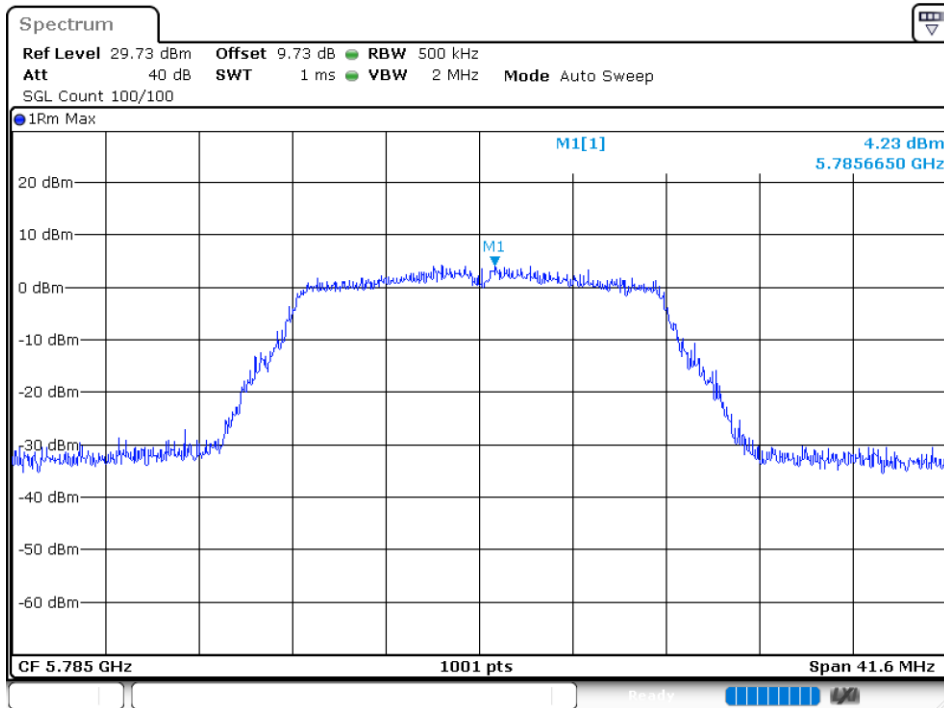
**Maximum Power Spectral Density Level**

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	4.607	0	4.607	30	Pass
NVNT	802.11a	5785	Ant 1	4.229	0	4.229	30	Pass
NVNT	802.11a	5825	Ant 1	4.769	0	4.769	30	Pass
NVNT	802.11ac20	5745	Ant 1	4.849	0	4.849	30	Pass
NVNT	802.11ac20	5785	Ant 1	4.038	0	4.038	30	Pass
NVNT	802.11ac20	5825	Ant 1	4.012	0	4.012	30	Pass
NVNT	802.11ac40	5755	Ant 1	1.832	0	1.832	30	Pass
NVNT	802.11ac40	5795	Ant 1	1.759	0	1.759	30	Pass
NVNT	802.11ac80	5775	Ant 1	-1.346	0	-1.346	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	4.383	0	4.383	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	4.772	0	4.772	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	4.247	0	4.247	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	1.92	0	1.92	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	2.346	0	2.346	30	Pass

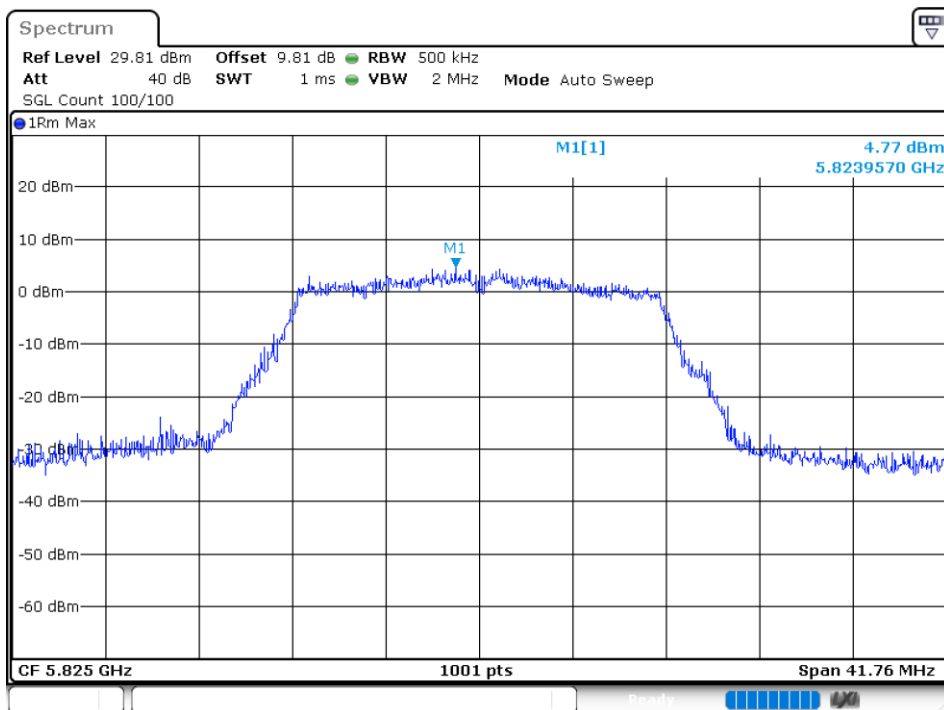
PSD NVNT 802.11a 5745MHz Ant1



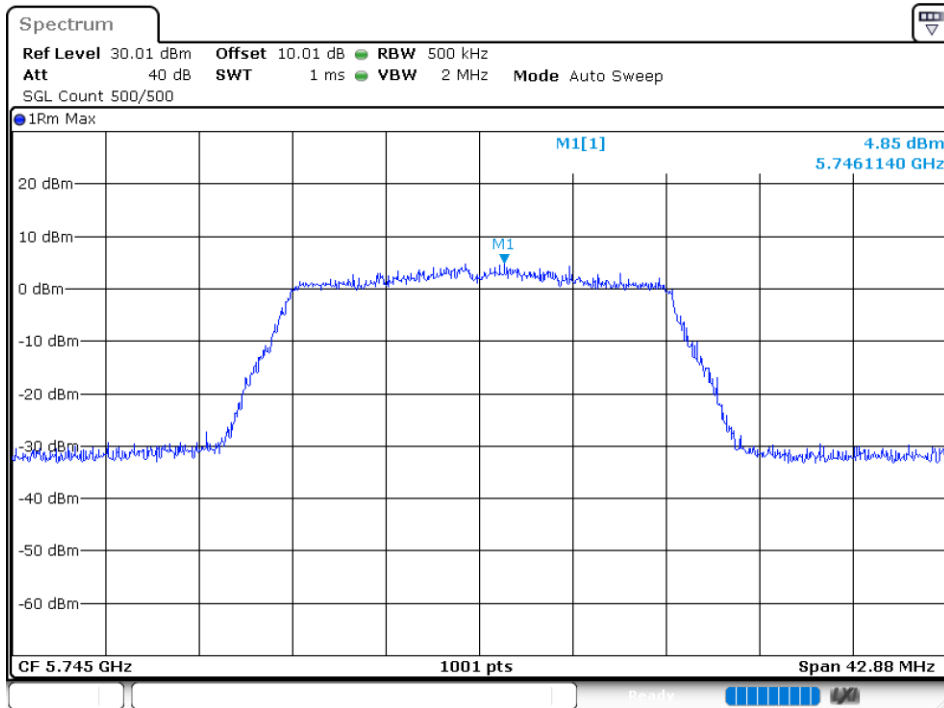
PSD NVNT 802.11a 5785MHz Ant1



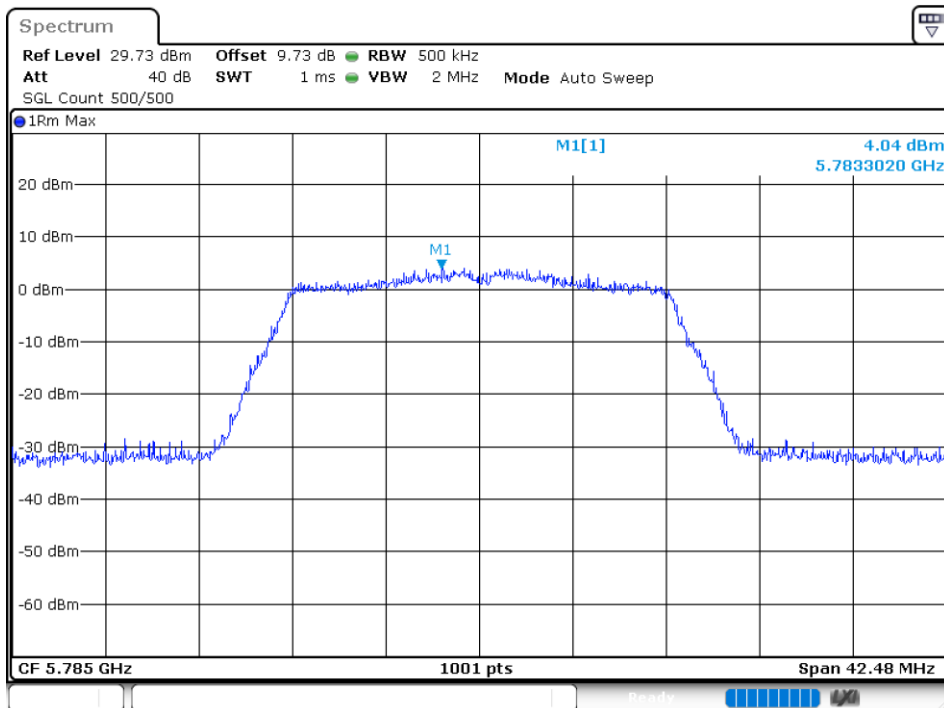
PSD NVNT 802.11a 5825MHz Ant1



PSD NVNT 802.11ac20 5745MHz Ant1

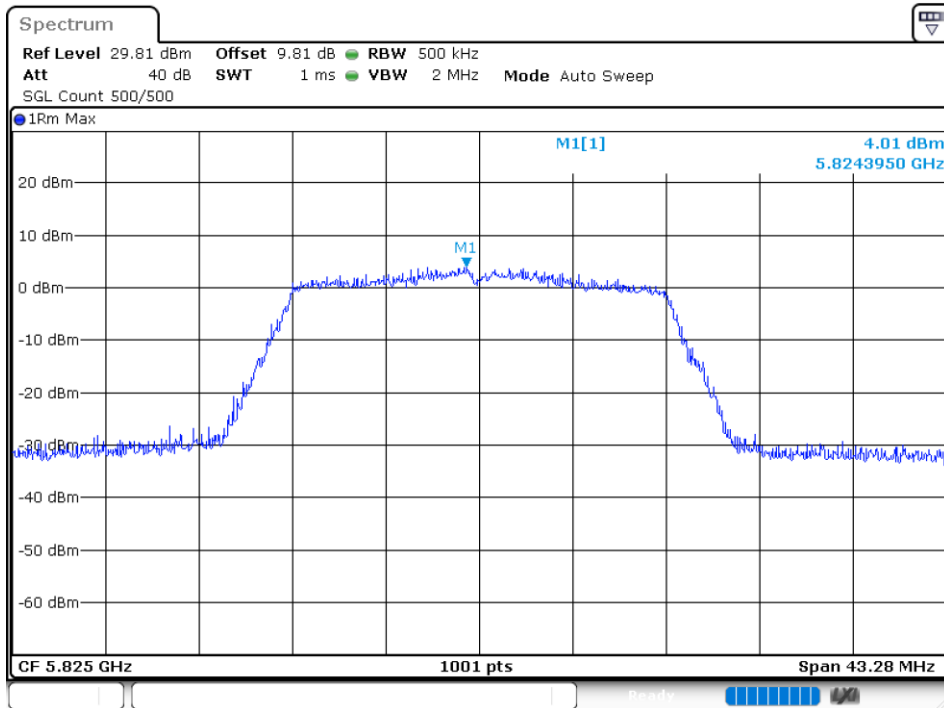


PSD NVNT 802.11ac20 5785MHz Ant1

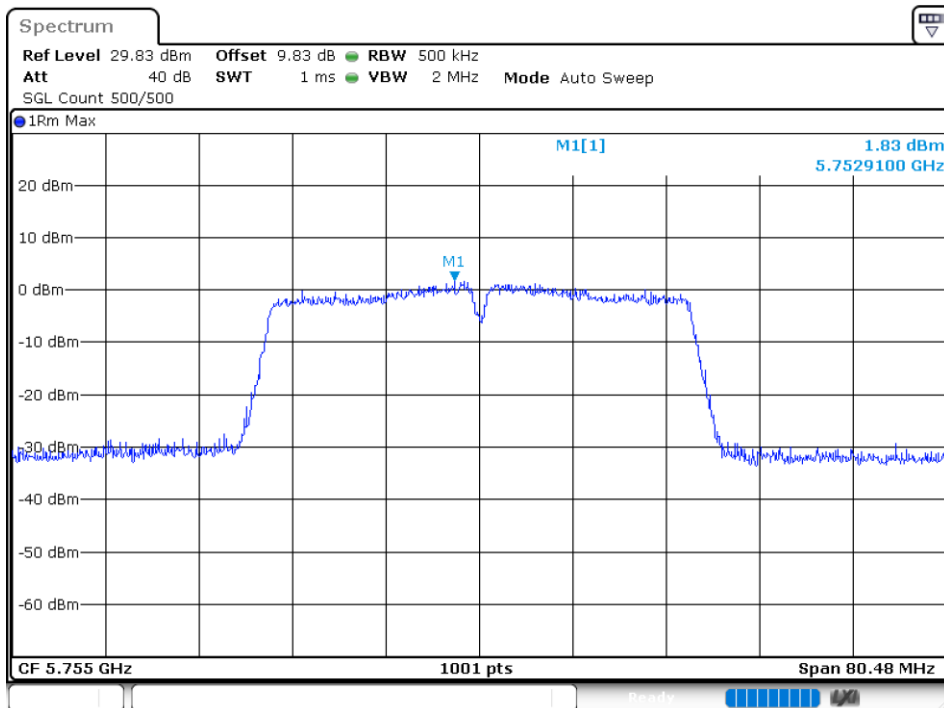


PSD NVNT 802.11ac20 5825MHz Ant1

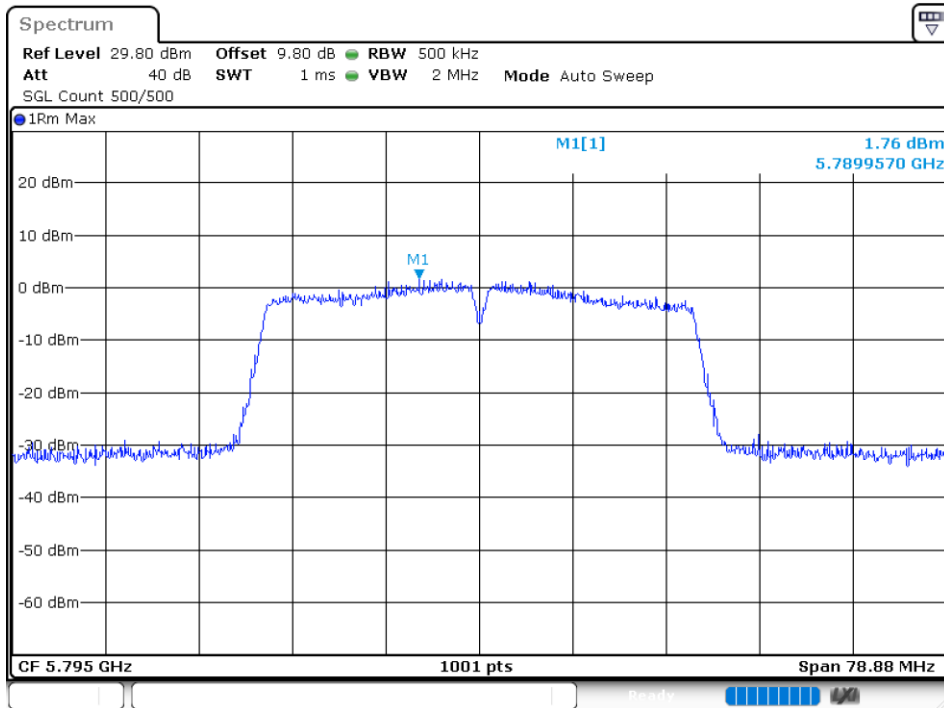




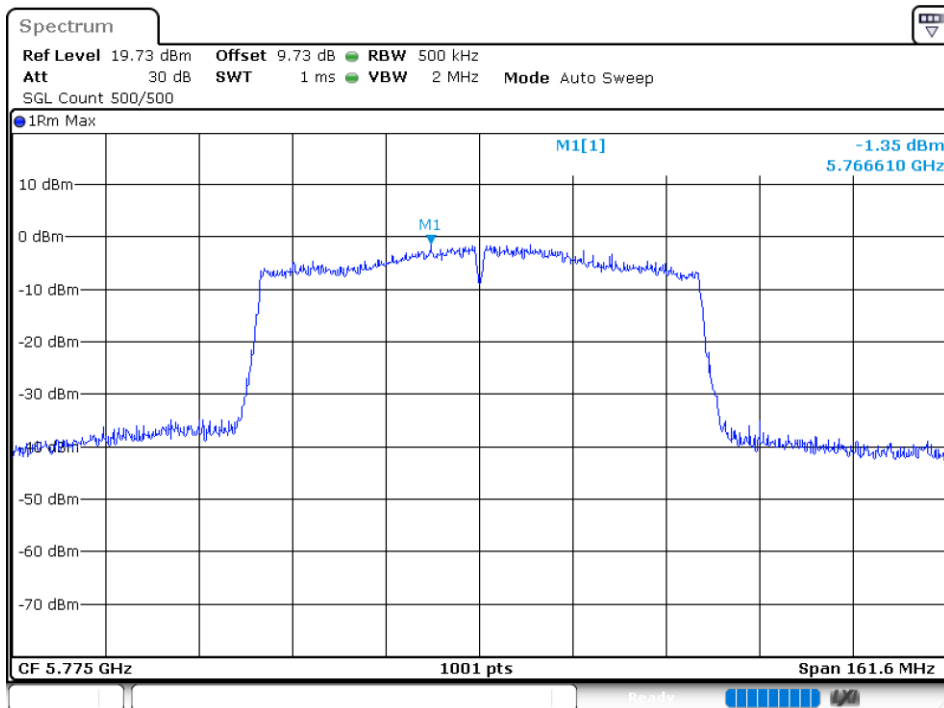
PSD NVNT 802.11ac40 5755MHz Ant1



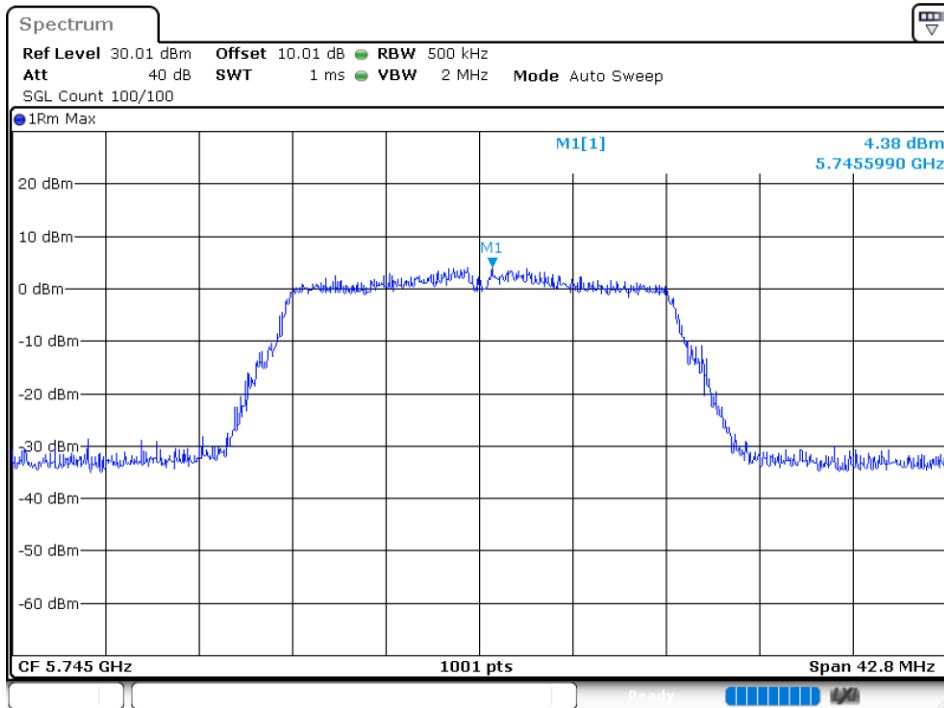
PSD NVNT 802.11ac40 5795MHz Ant1



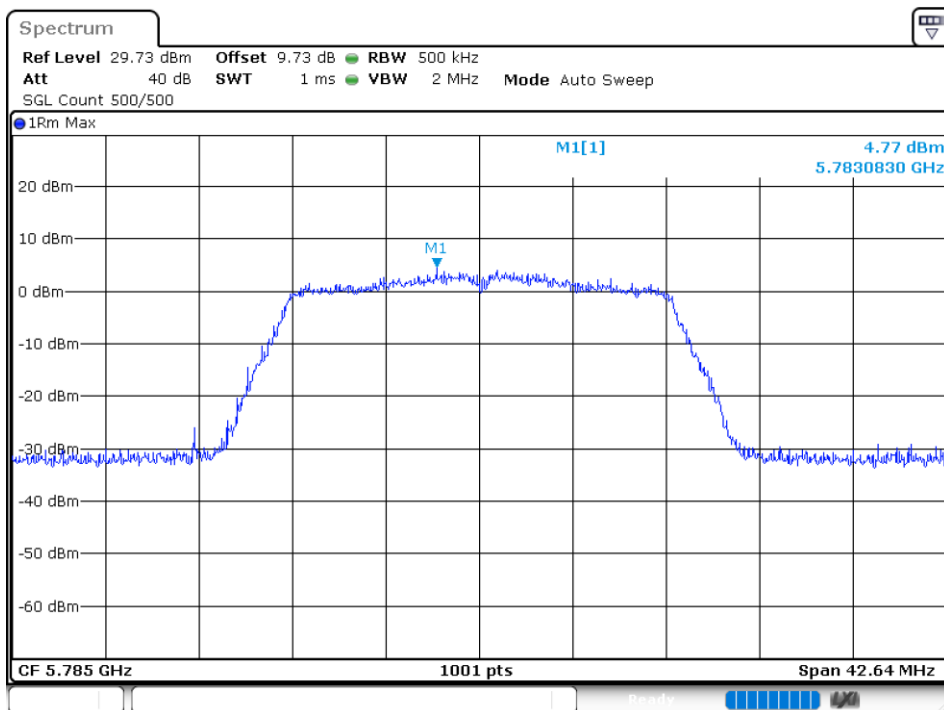
PSD NVNT 802.11ac80 5775MHz Ant1



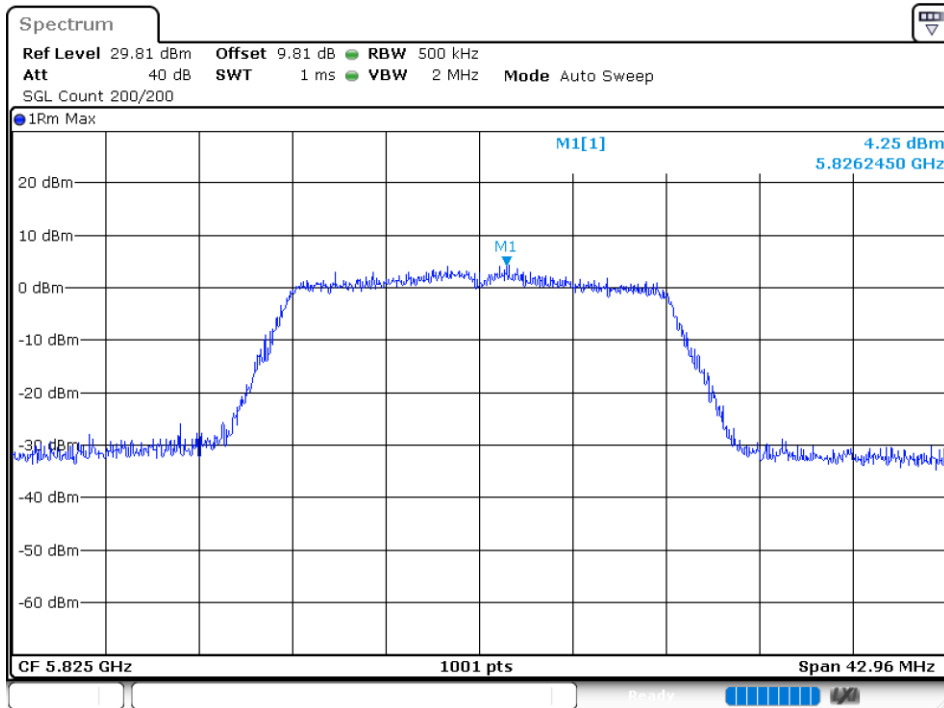
PSD NVNT 802.11n(HT20) 5745MHz Ant1



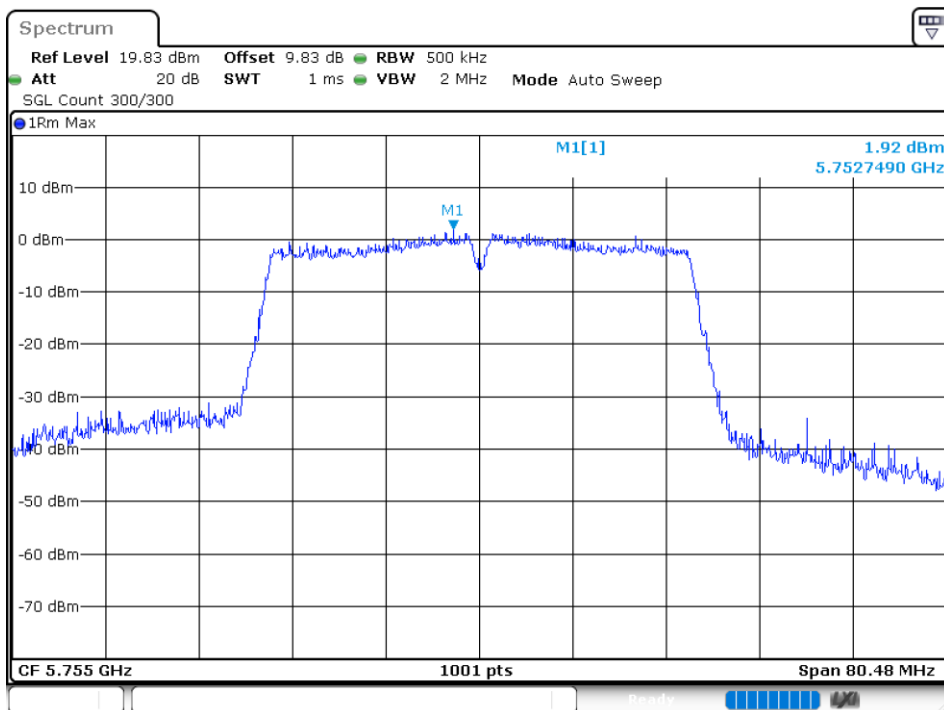
PSD NVNT 802.11n(HT20) 5785MHz Ant1



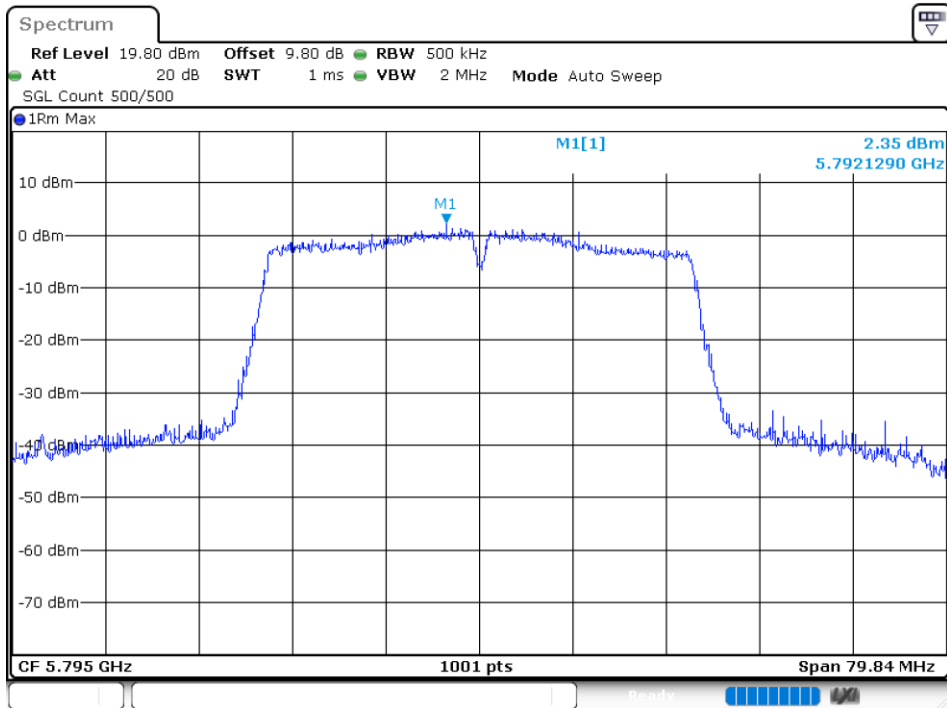
PSD NVNT 802.11n(HT20) 5825MHz Ant1



PSD NVNT 802.11n(HT40) 5755MHz Ant1



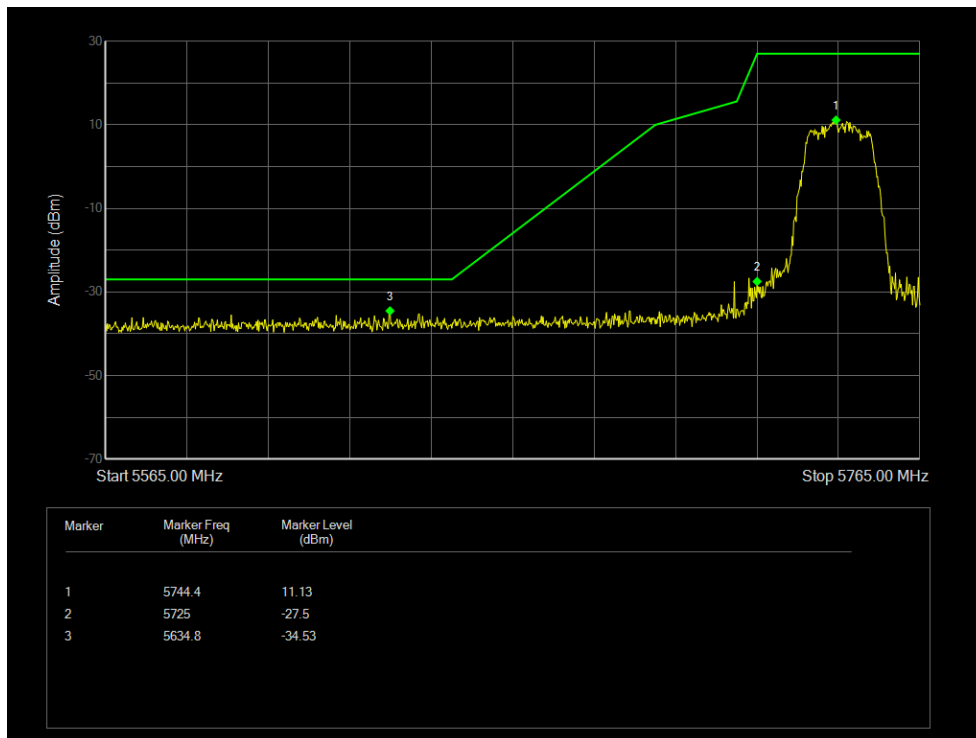
PSD NVNT 802.11n(HT40) 5795MHz Ant1



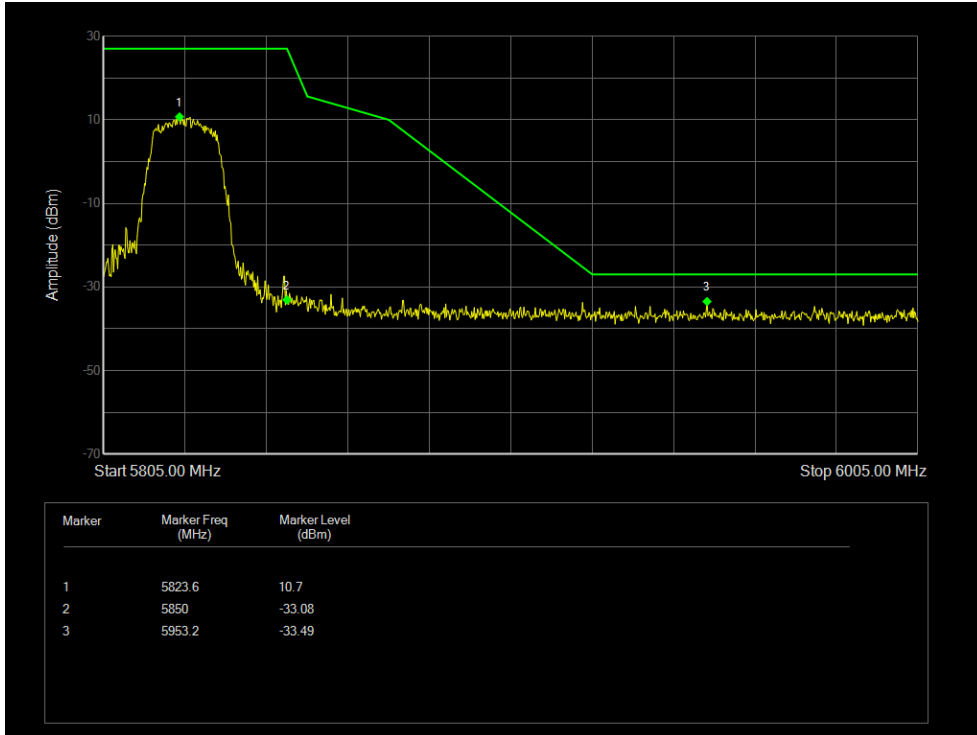
**Band Edge**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-34.53	-27	Pass
NVNT	802.11a	5825	Ant 1	-33.49	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-34.32	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-34.59	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-35.3	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-33.57	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-37.13	-4.2	Pass
NVNT	802.11ac80	5775	Ant 1	-36.41	-22.85	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-35.6	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-34.03	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-35.57	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-34.38	-27	Pass

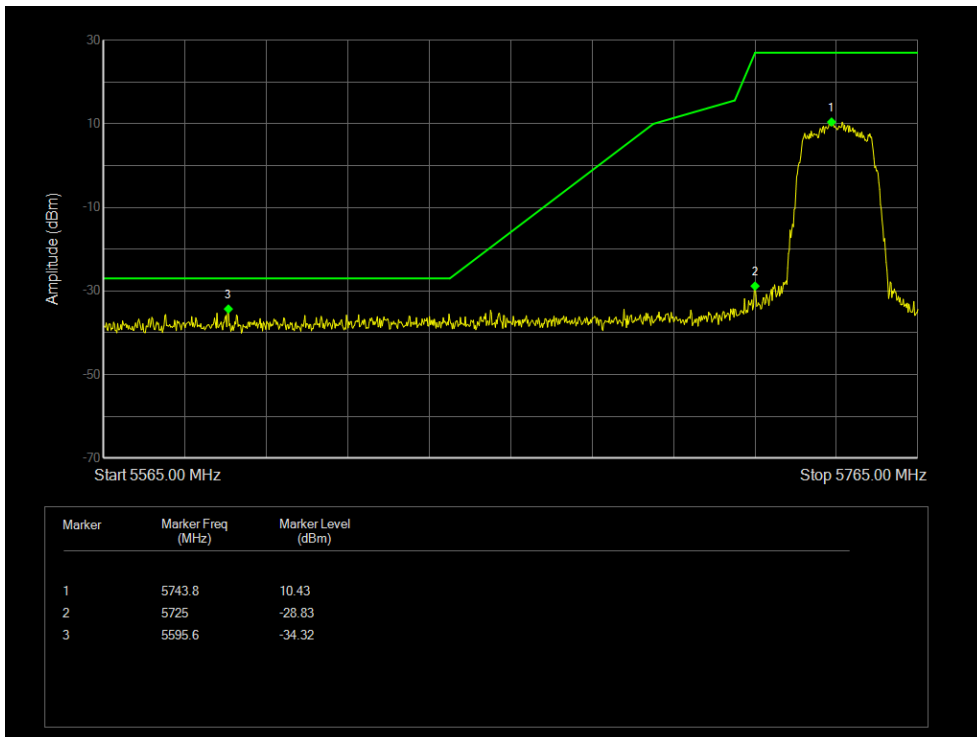
Band Edge NVNT 802.11a 5745MHz Low Ant1



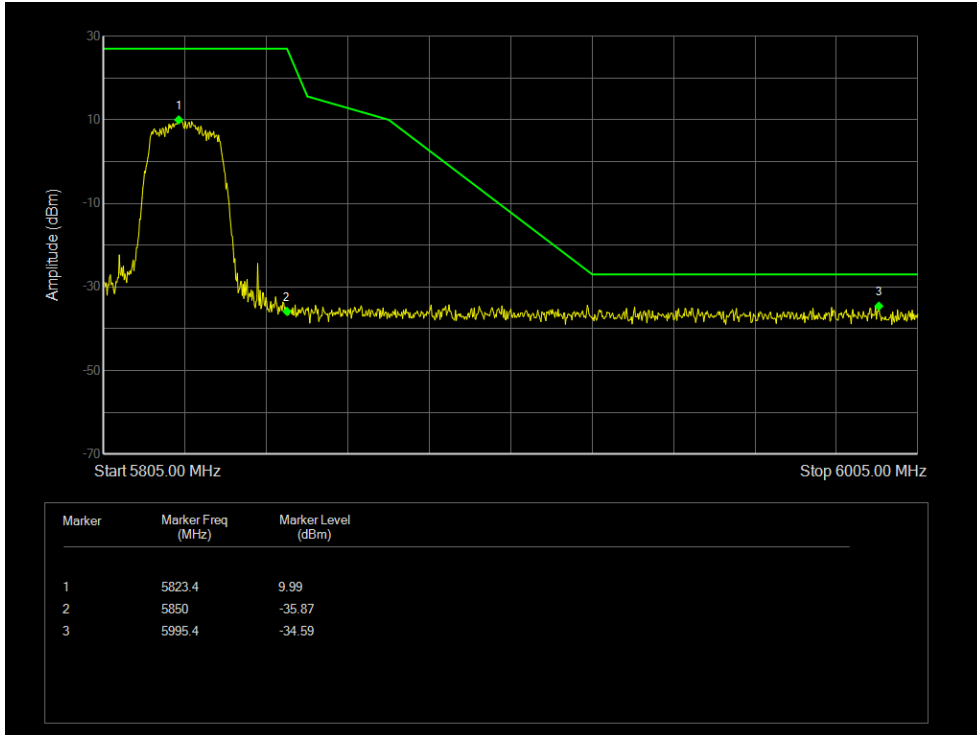
Band Edge NVNT 802.11a 5825MHz High Ant1



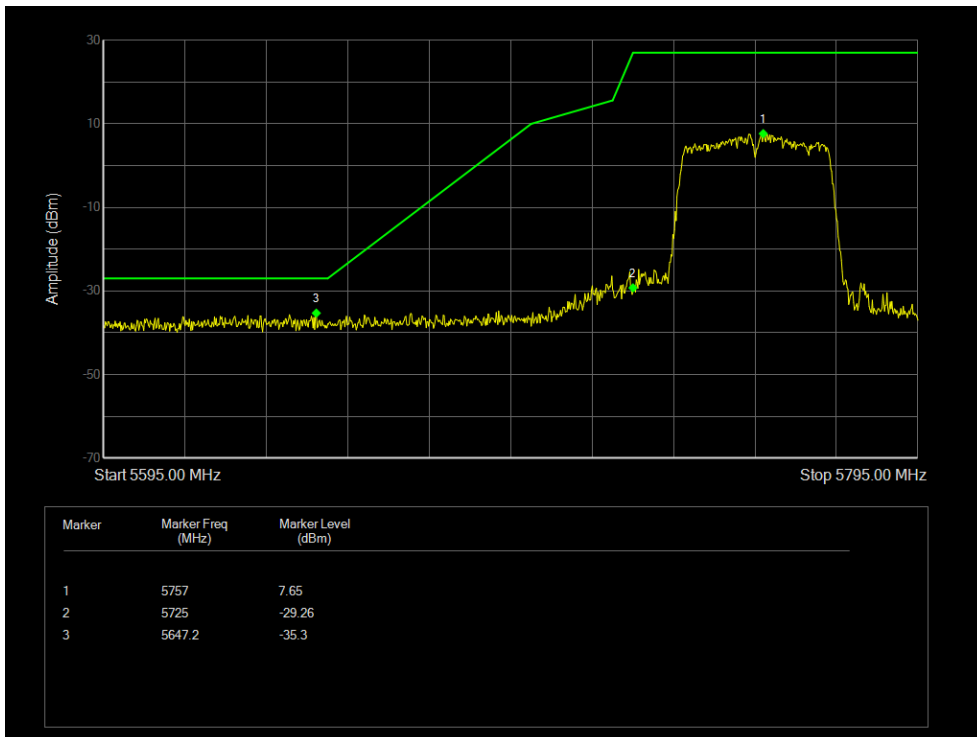
Band Edge NVNT 802.11ac20 5745MHz Low Ant1



Band Edge NVNT 802.11ac20 5825MHz High Ant1

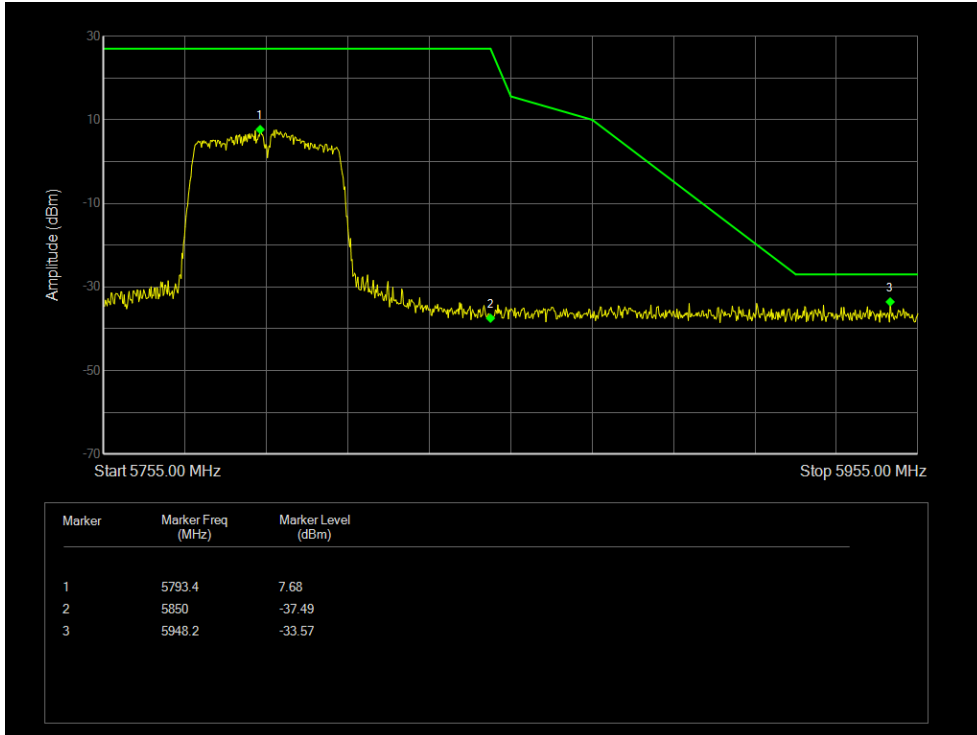


Band Edge NVNT 802.11ac40 5755MHz Low Ant1

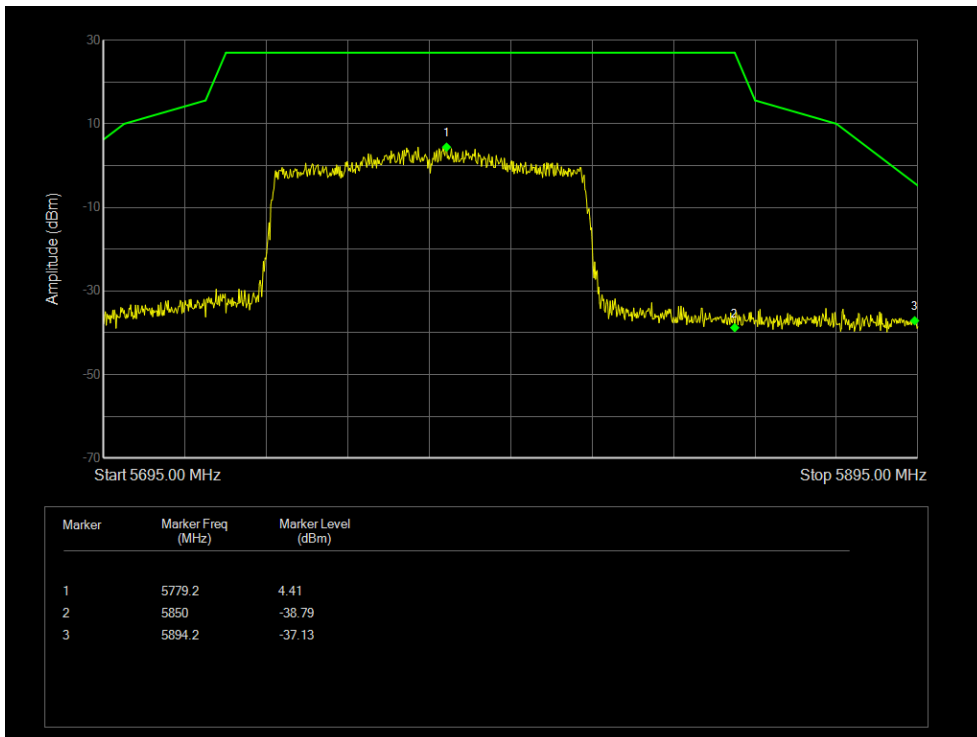


Band Edge NVNT 802.11ac40 5795MHz High Ant1

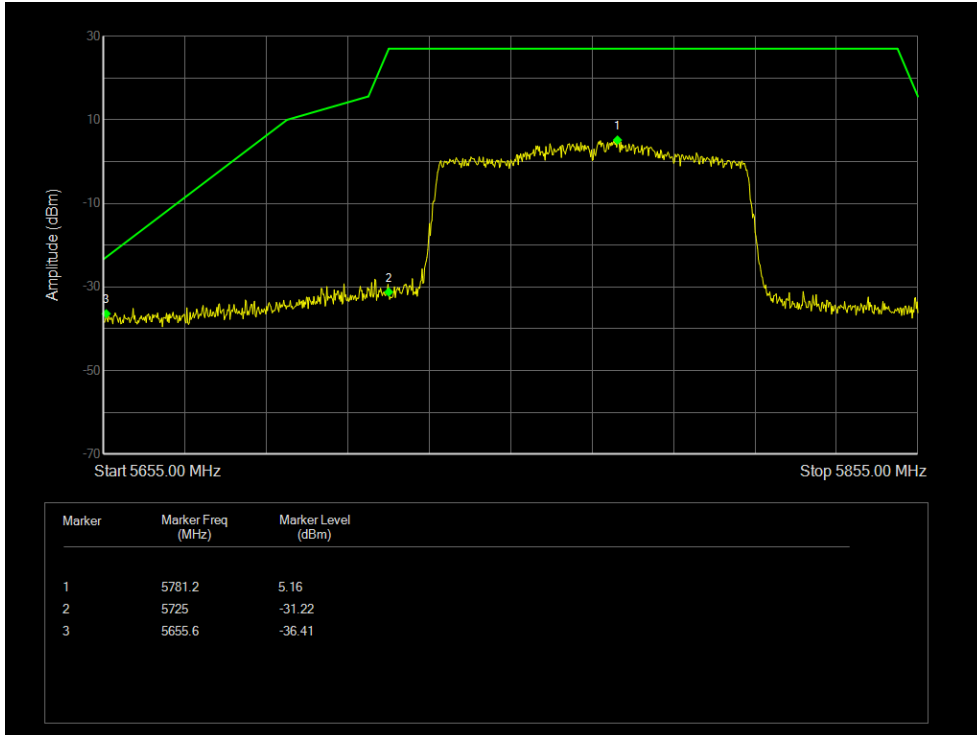




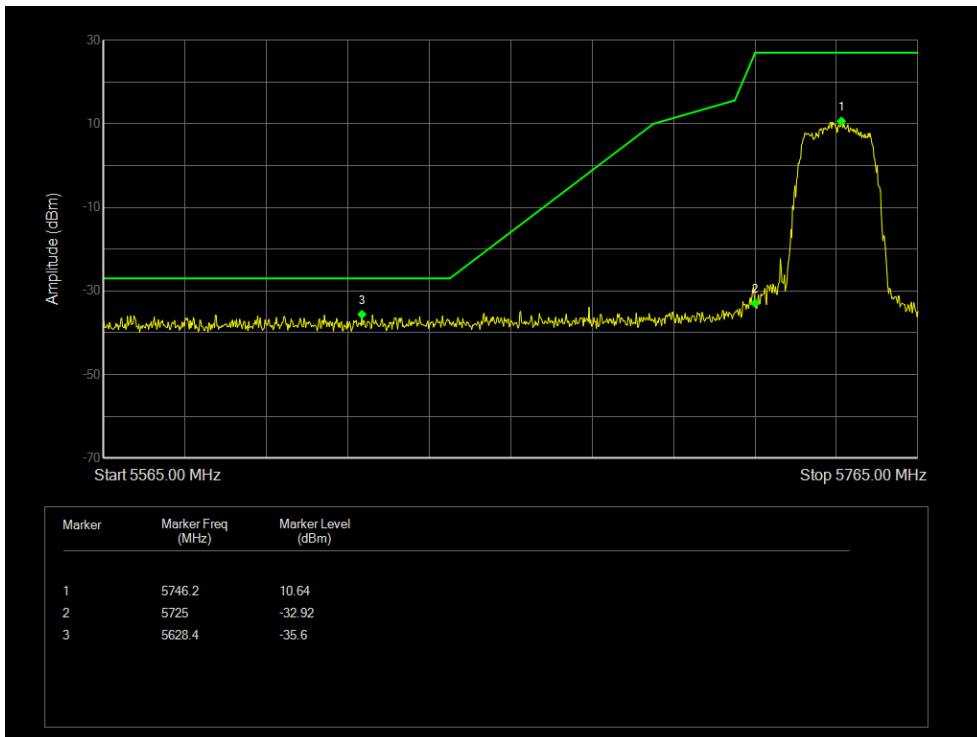
Band Edge NVNT 802.11ac80 5775MHz High Ant1



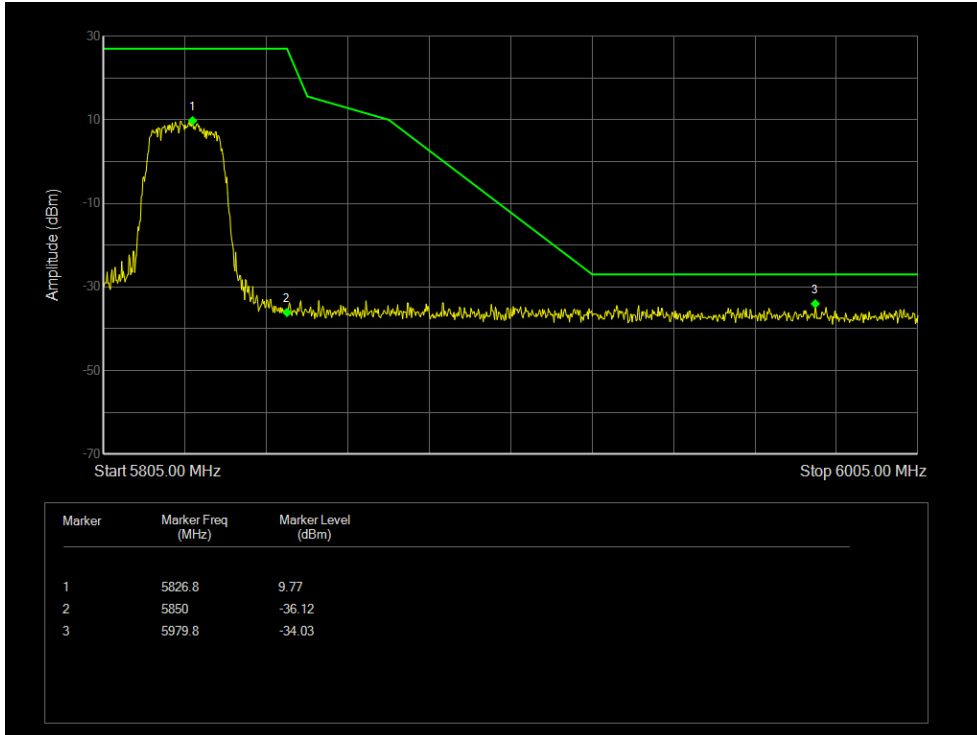
Band Edge NVNT 802.11ac80 5775MHz Low Ant1



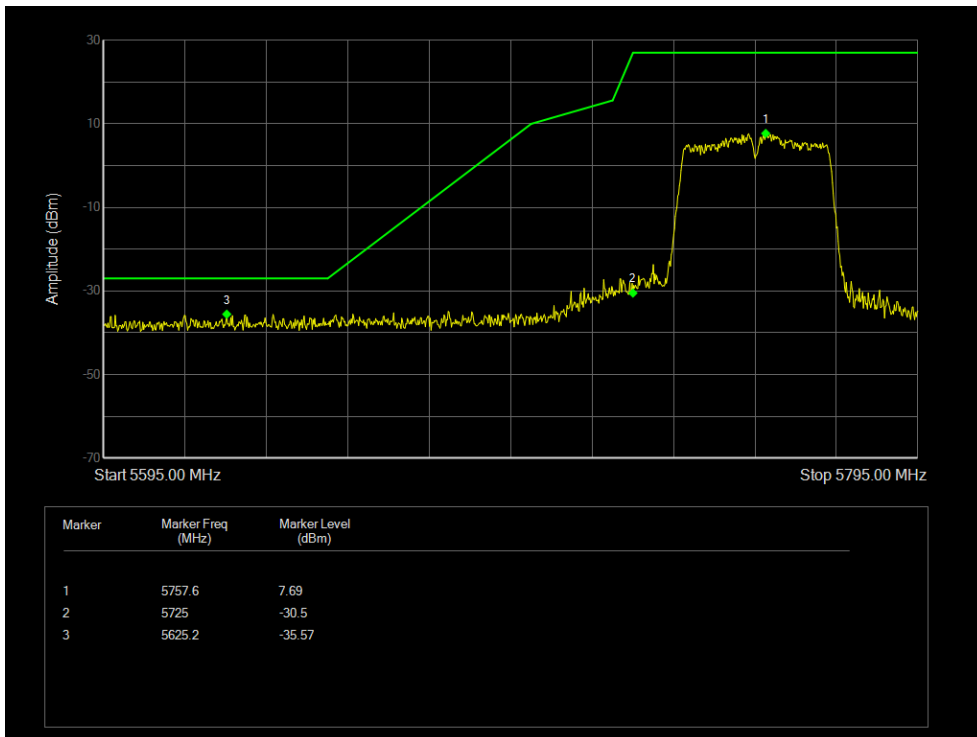
Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant1



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



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



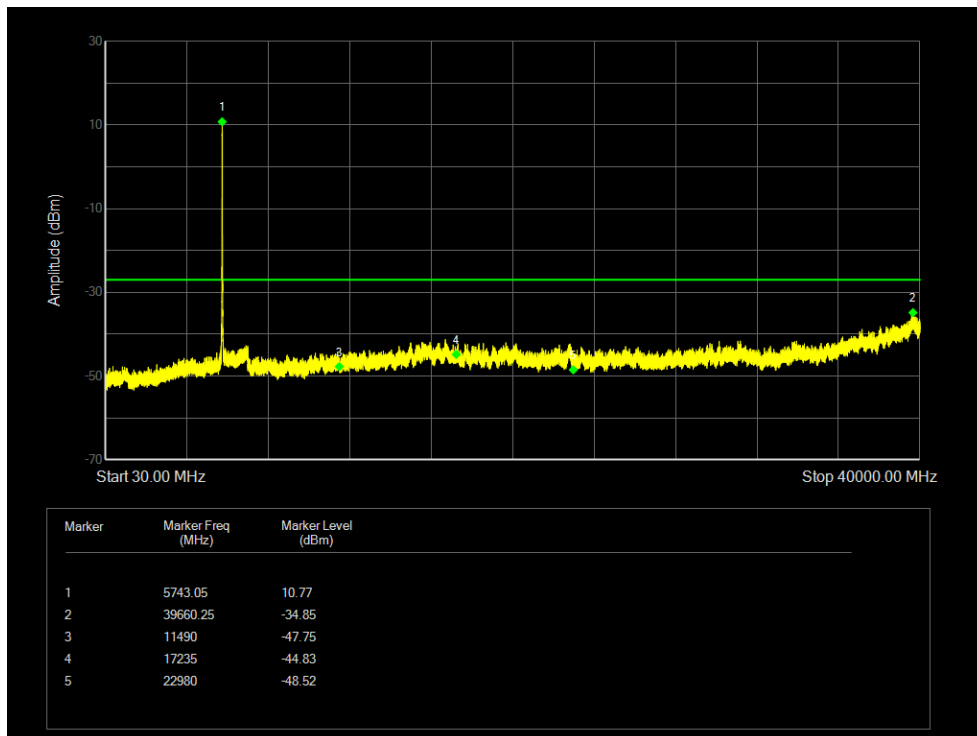
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant1



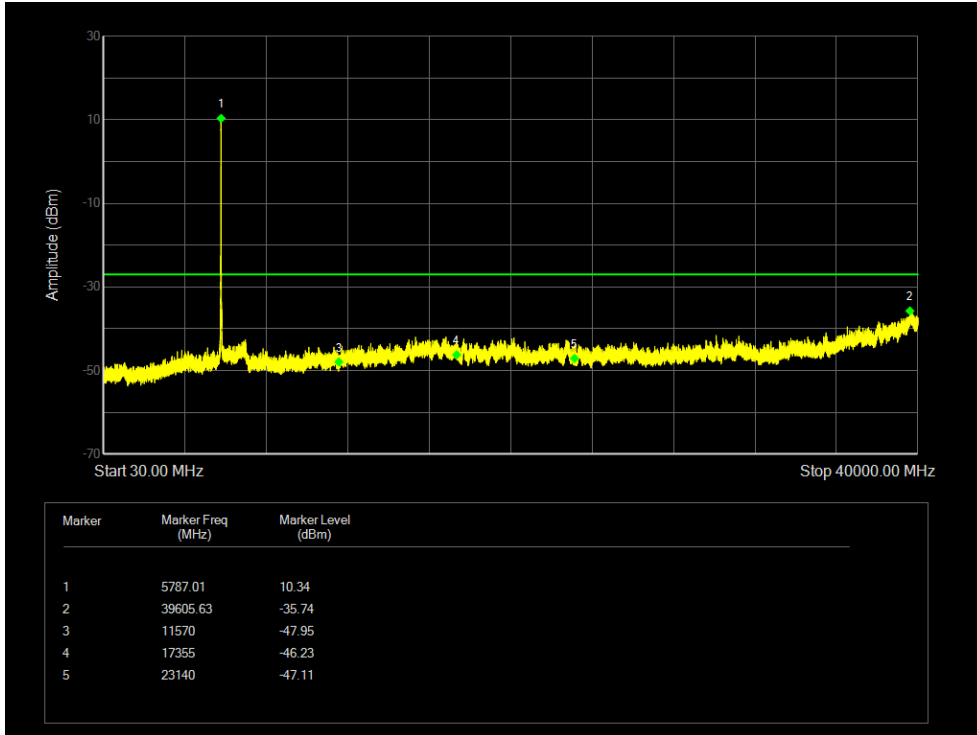
**Conducted RF Spurious Emission**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5745	Ant 1	-34.85	-27	Pass
NVNT	802.11a	5785	Ant 1	-35.74	-27	Pass
NVNT	802.11a	5825	Ant 1	-35.79	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-34.44	-27	Pass
NVNT	802.11ac20	5785	Ant 1	-35.93	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-36.15	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-33.92	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-35.1	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-34.78	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-34.85	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-34.58	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-35.15	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-34.89	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-35.73	-27	Pass

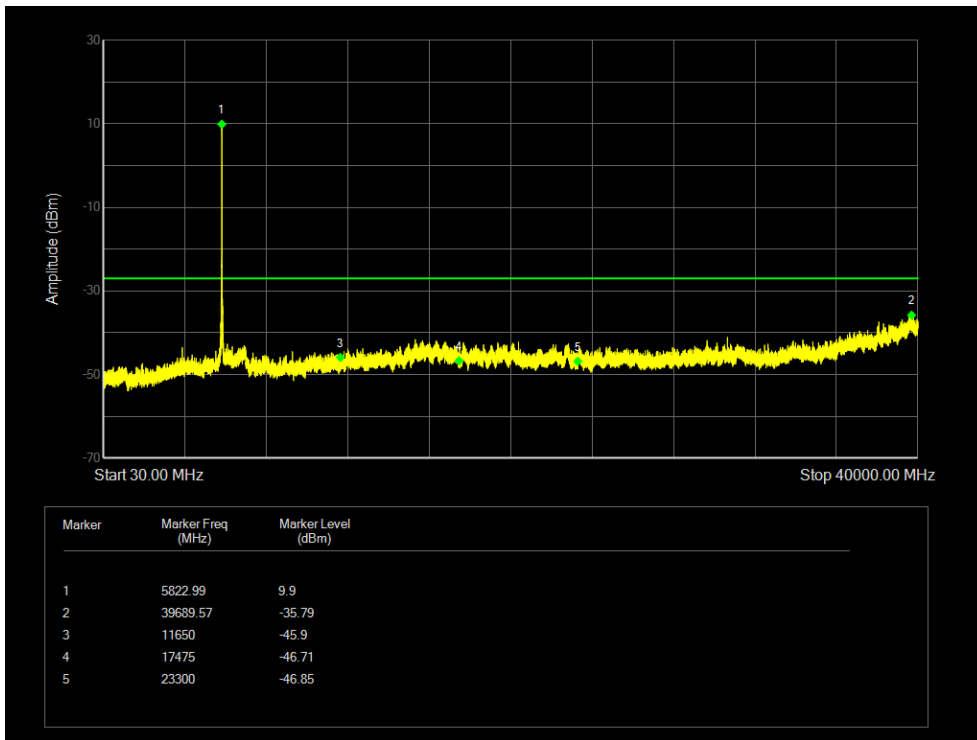
Tx. Spurious NVNT 802.11a 5745MHz Ant1 Emission



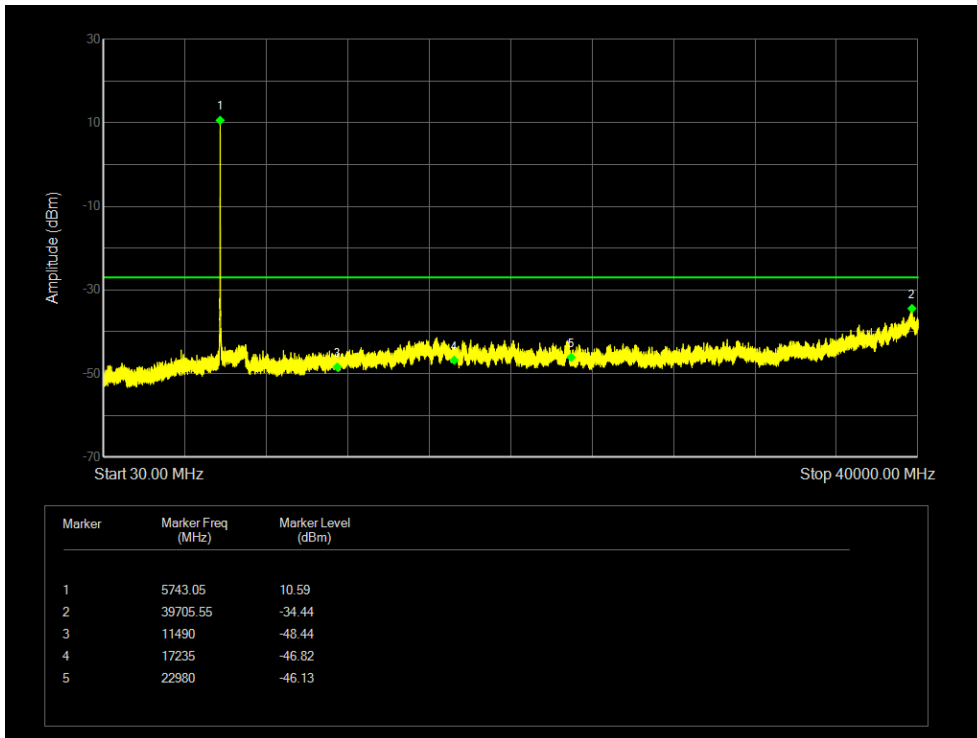
Tx. Spurious NVNT 802.11a 5785MHz Ant1 Emission



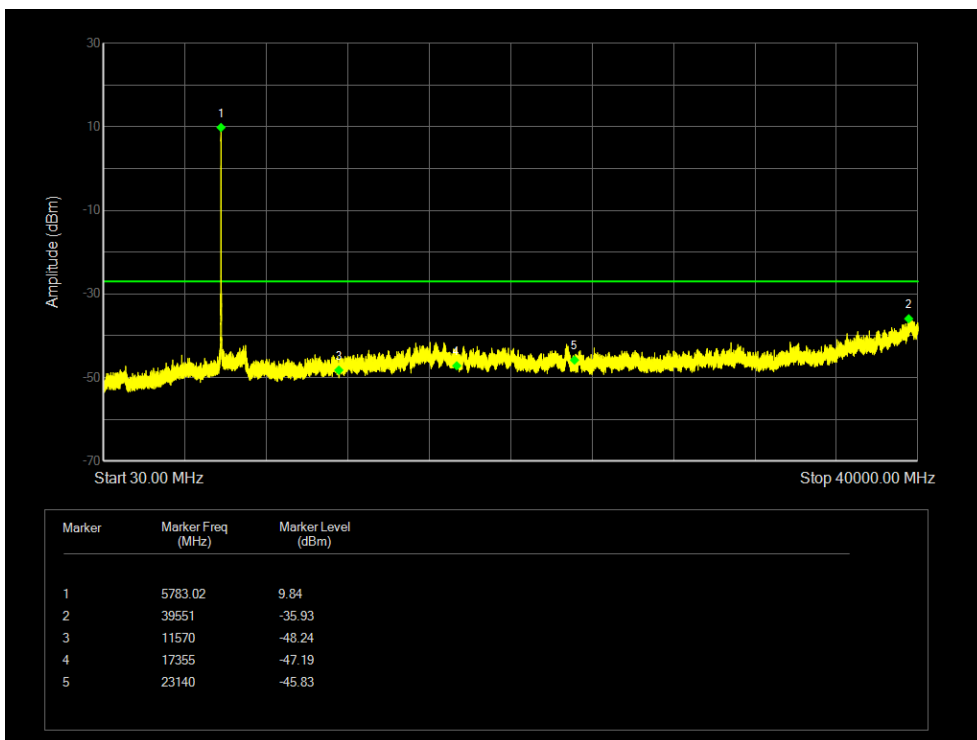
Tx. Spurious NVNT 802.11a 5825MHz Ant1 Emission



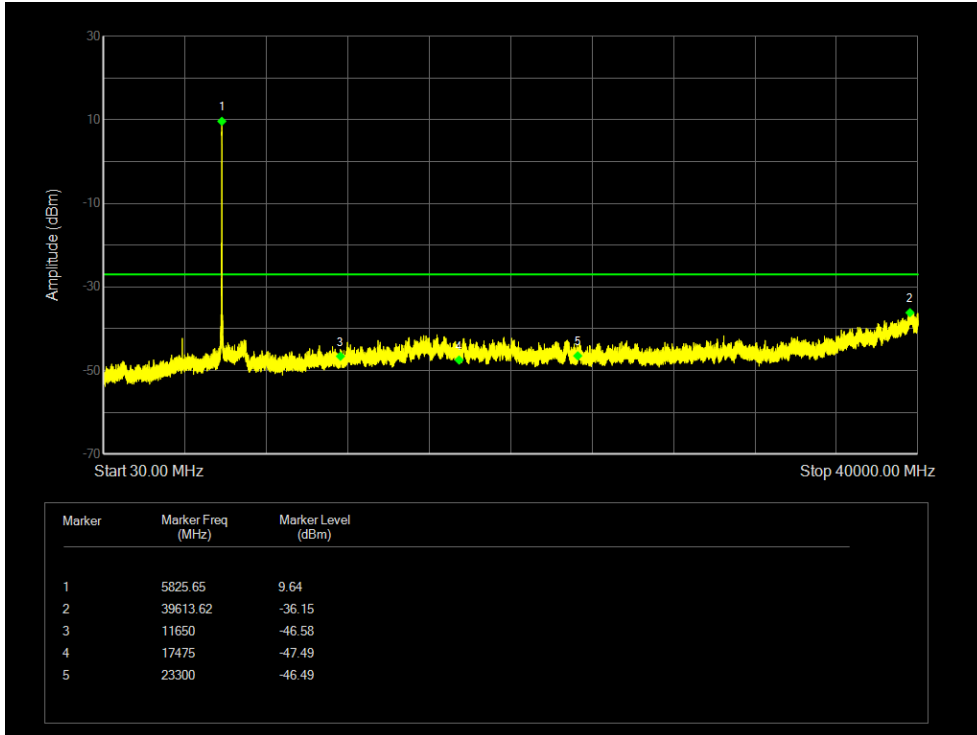
Tx. Spurious NVNT 802.11ac20 5745MHz Ant1 Emission



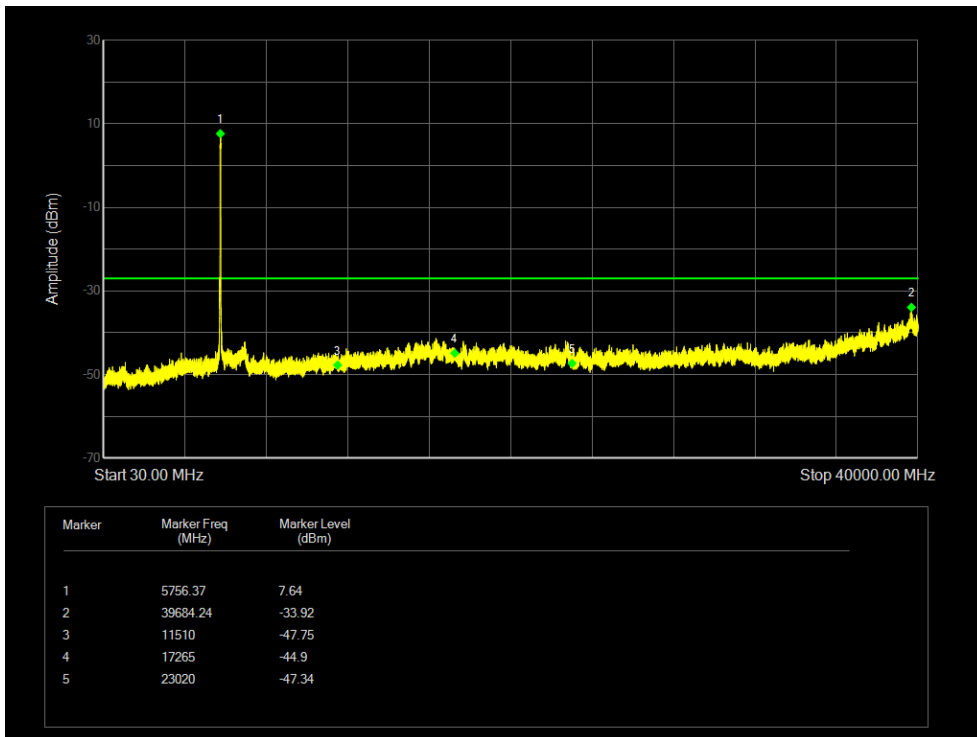
Tx. Spurious NVNT 802.11ac20 5785MHz Ant1 Emission



Tx. Spurious NVNT 802.11ac20 5825MHz Ant1 Emission



Tx. Spurious NVNT 802.11ac40 5755MHz Ant1 Emission

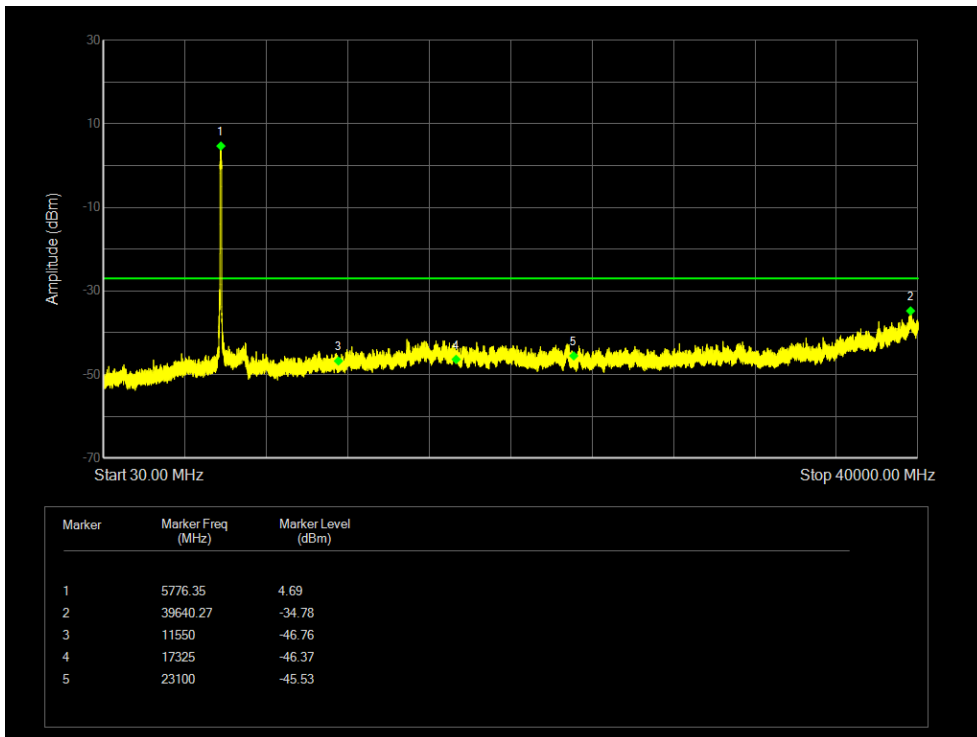


Tx. Spurious NVNT 802.11ac40 5795MHz Ant1 Emission

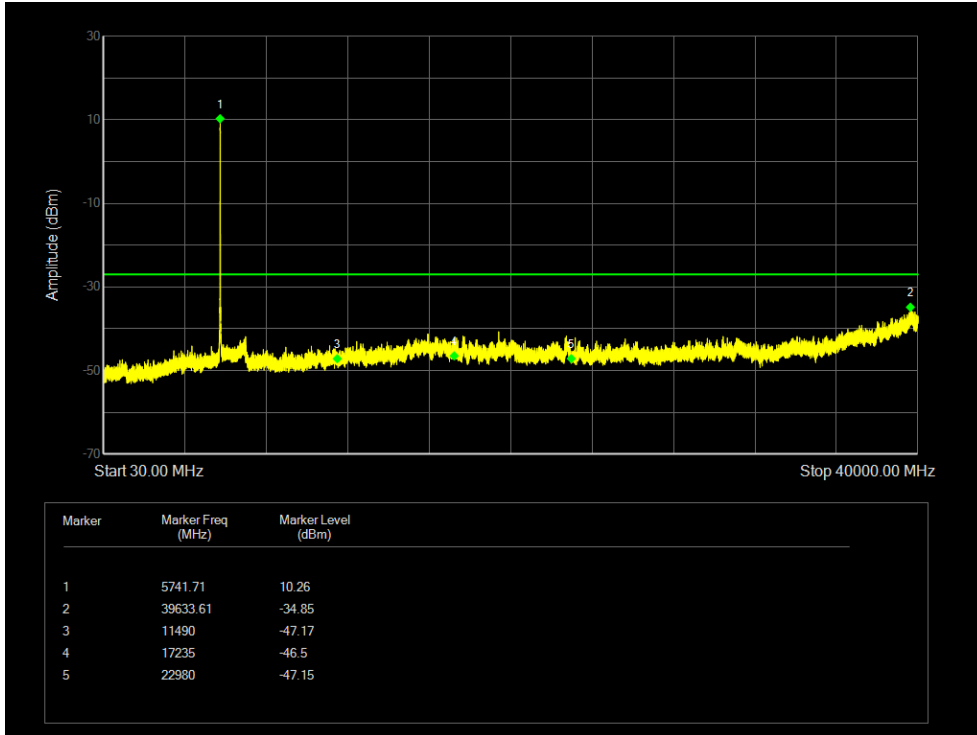




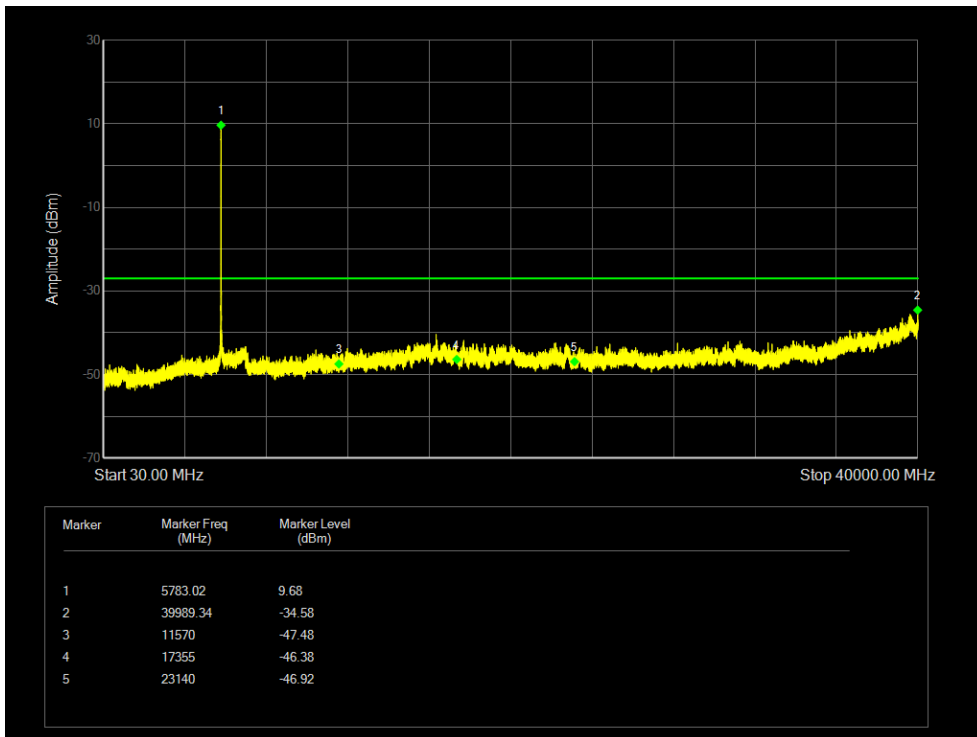
Tx. Spurious NVNT 802.11ac80 5775MHz Ant1 Emission



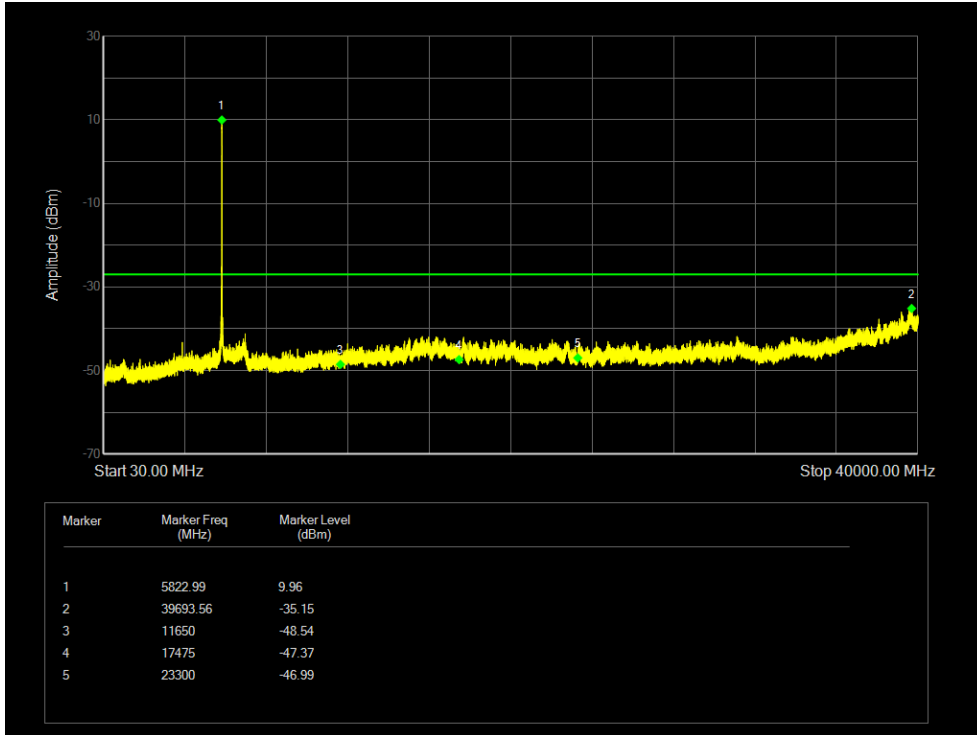
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant1 Emission



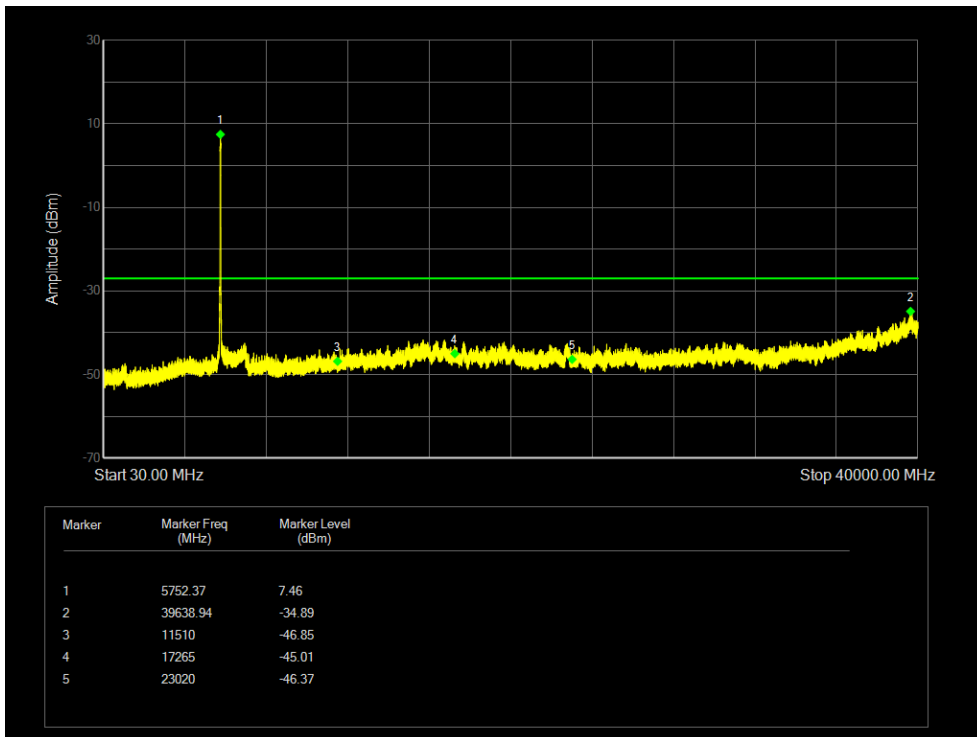
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant1 Emission



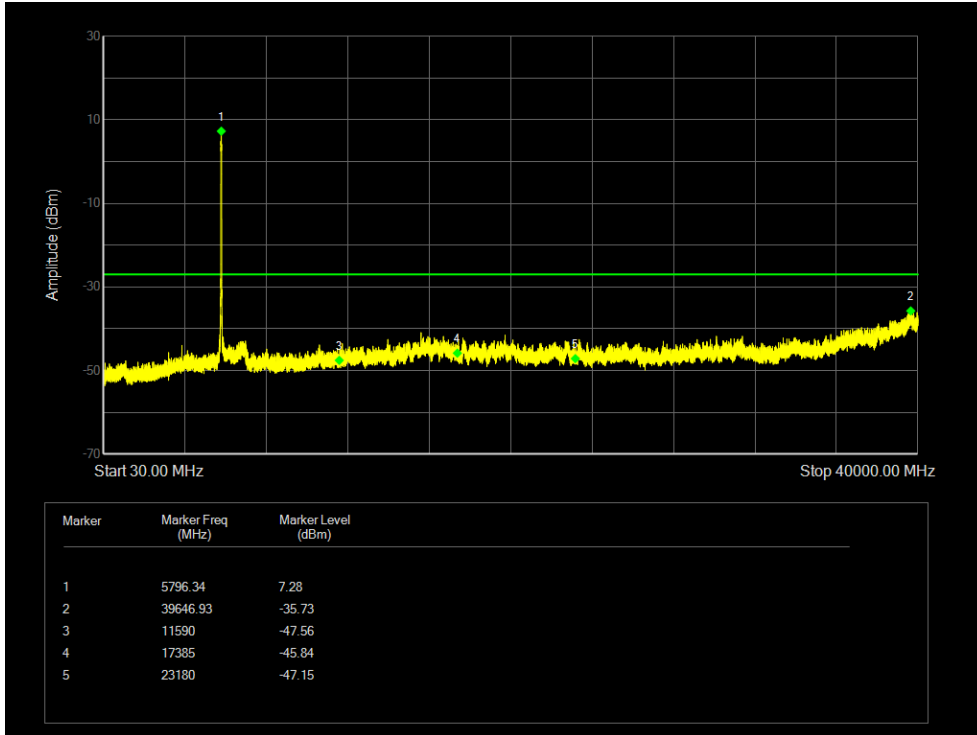
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant1 Emission



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



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

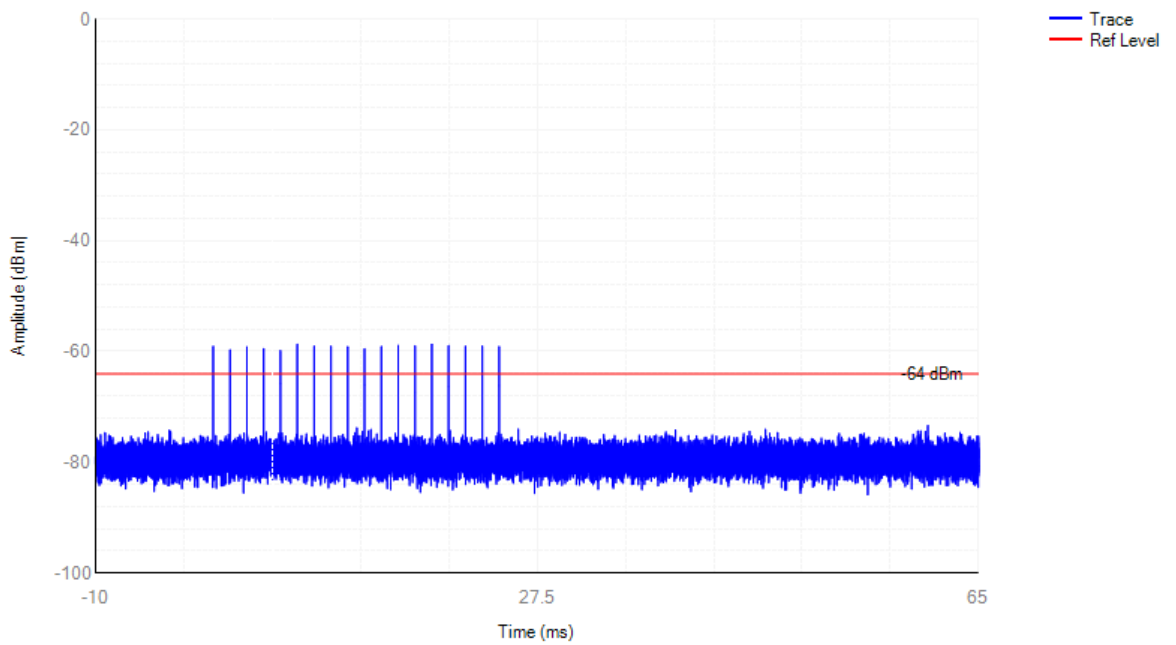


# DFS

## Calibration

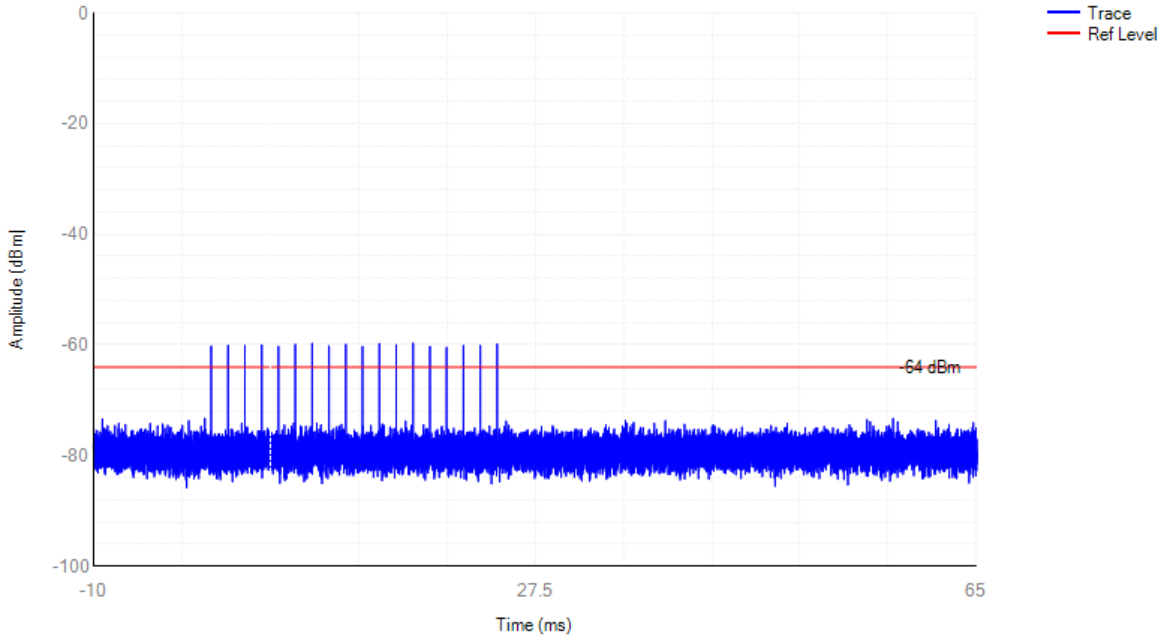
5290MHz ac80 DFS\_FCC\_T0

### Radar Calibration



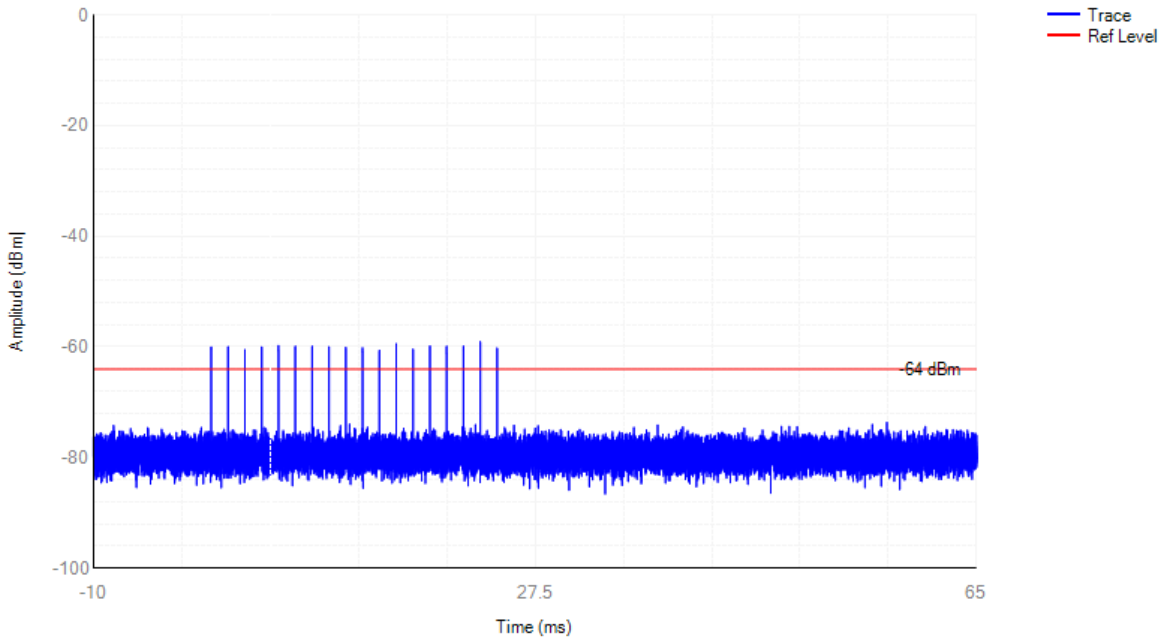
5530MHz ac80 DFS\_FCC\_T0

Radar Calibration



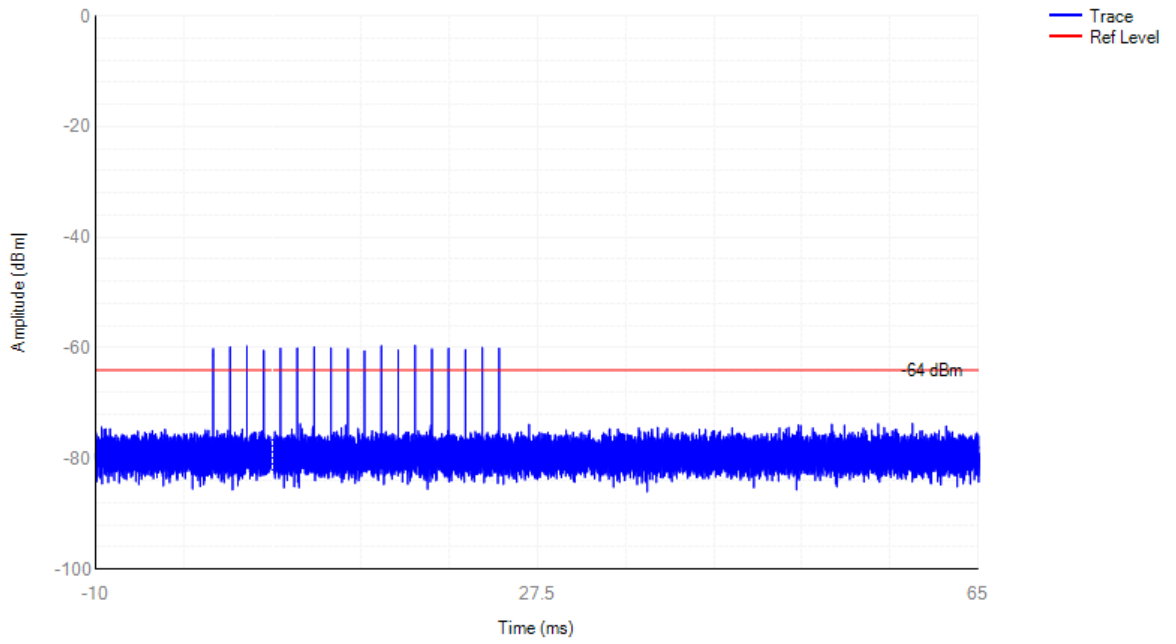
5310MHz n40 DFS\_FCC\_T0

Radar Calibration



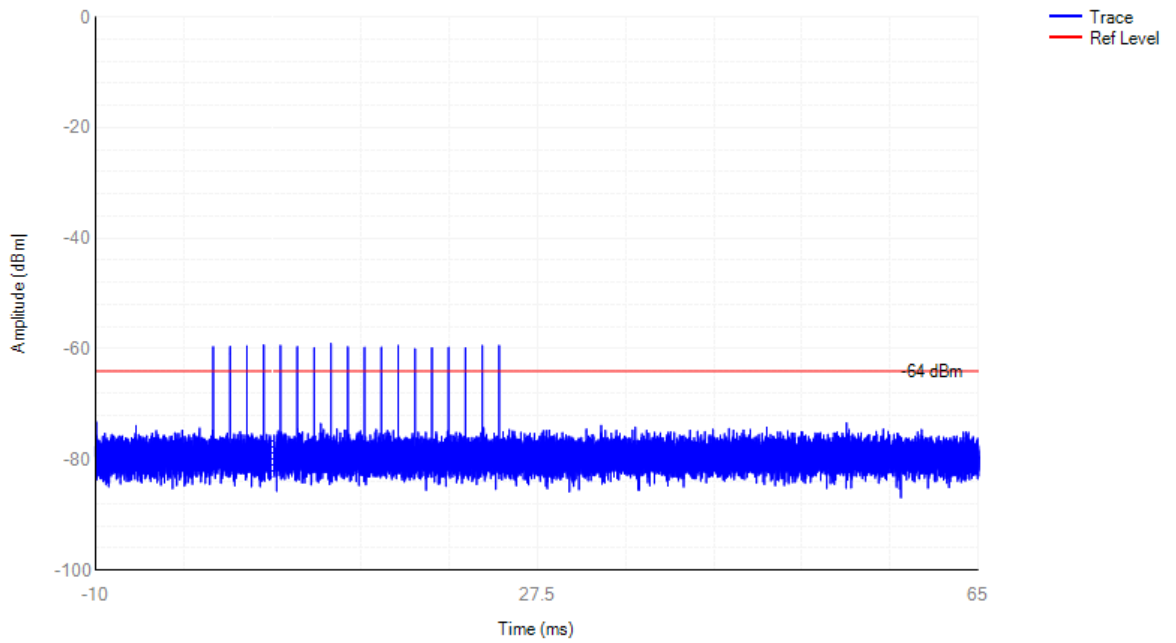
5510MHz n40 DFS\_FCC\_T0

Radar Calibration



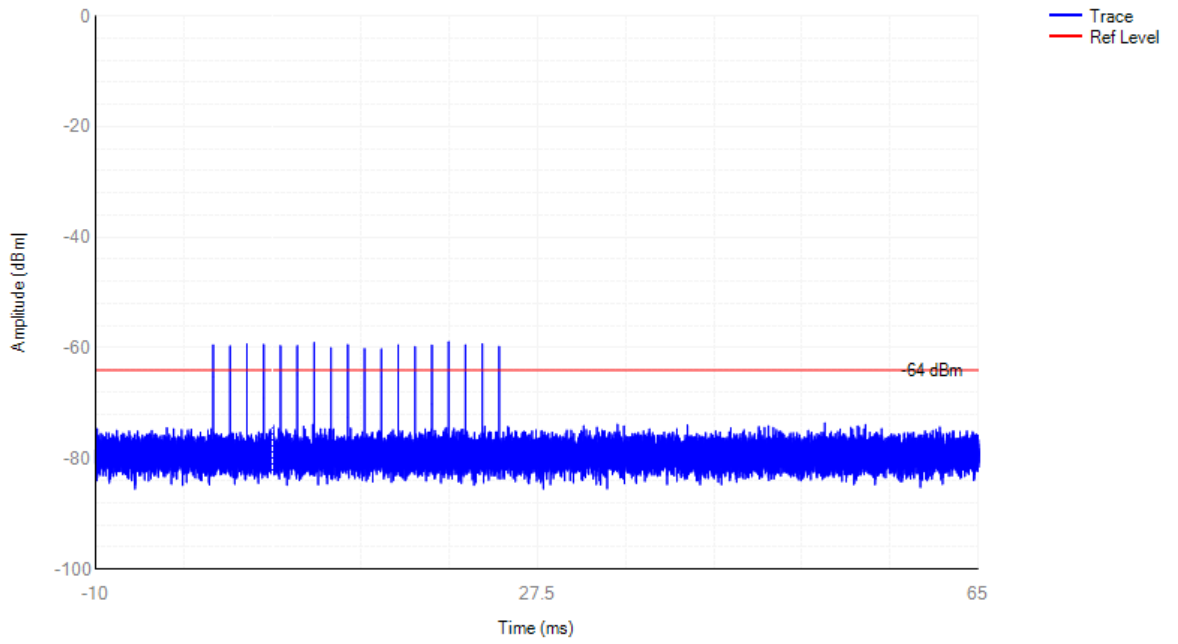
5320MHz a DFS\_FCC\_T0

Radar Calibration



5500MHz a DFS\_FCC\_T0

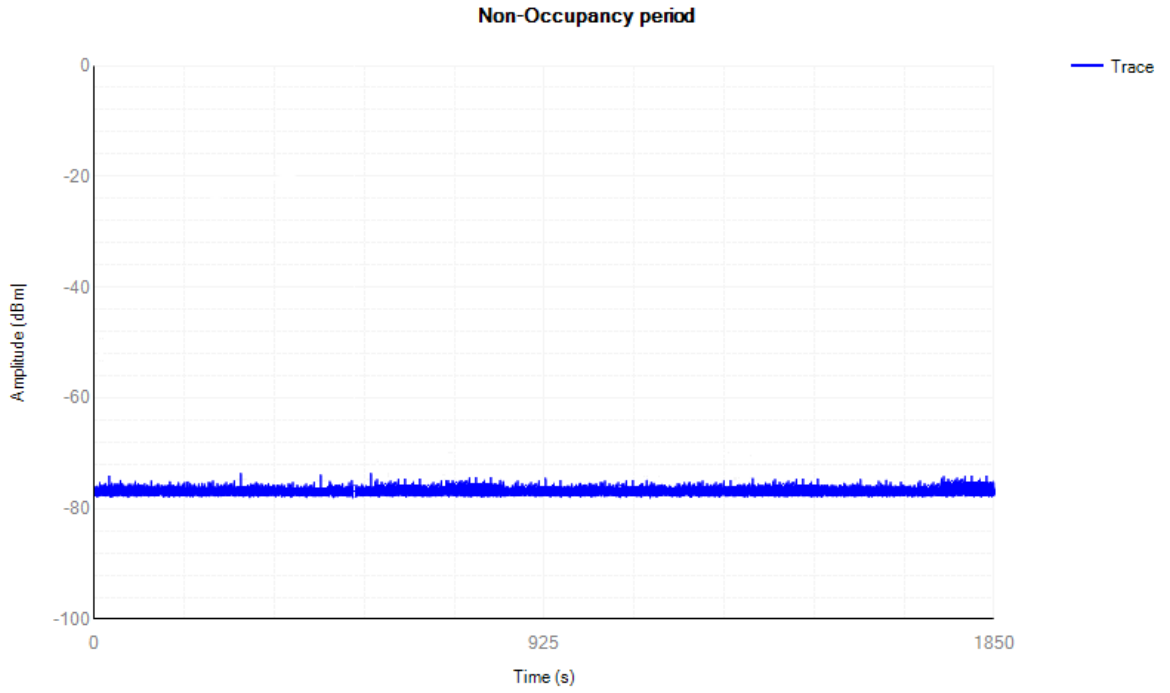
Radar Calibration



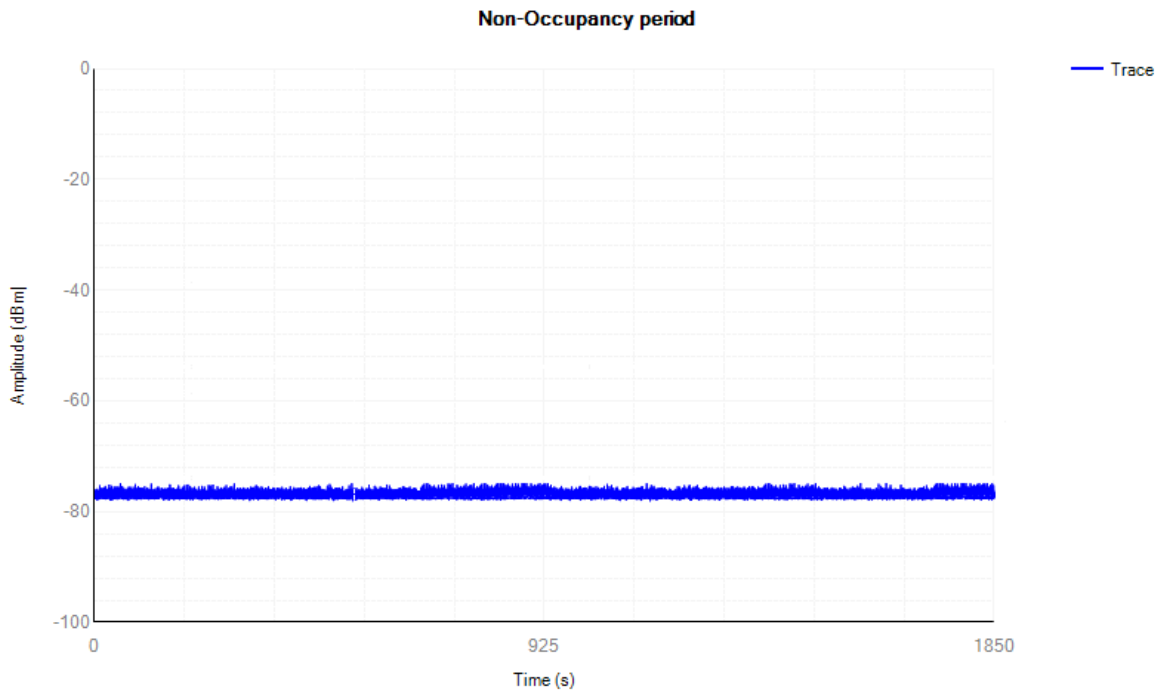


### Non-Occupancy

#### 5290MHz ac80 Non-Occupancy

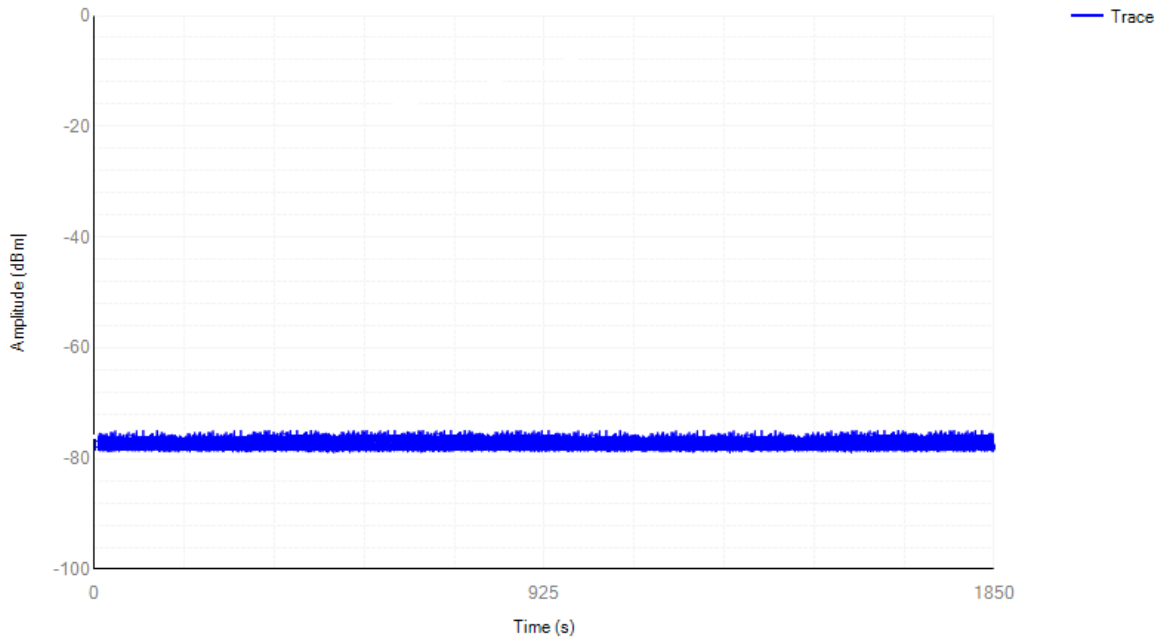


#### 5530MHz ac80 Non-Occupancy



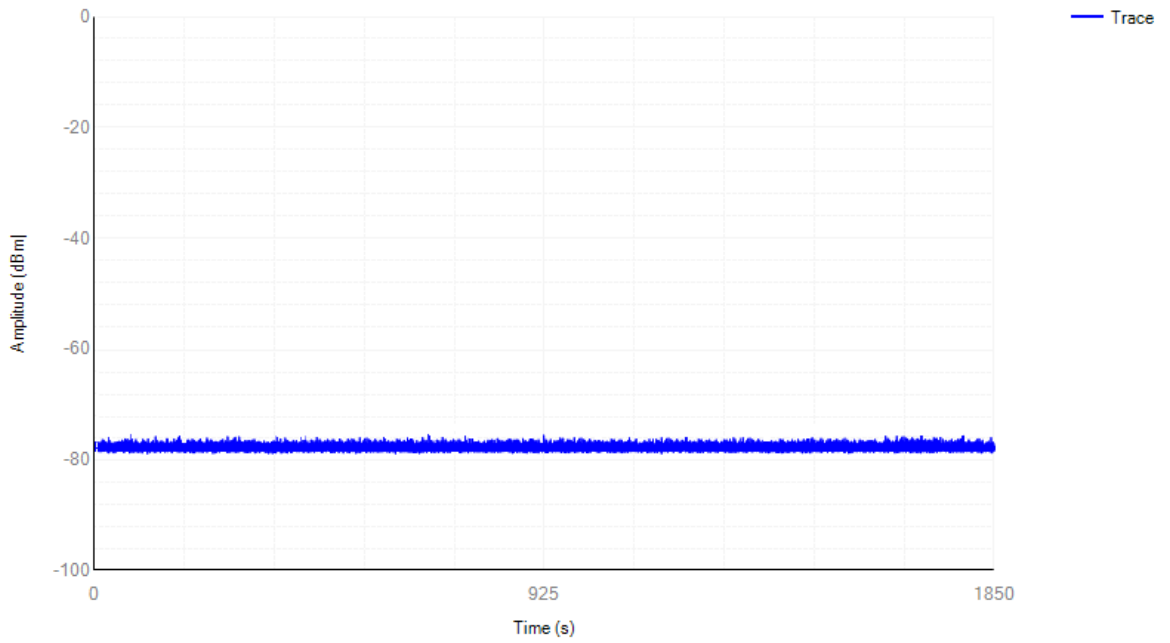
#### 5310MHz n40 Non-Occupancy

Non-Occupancy period



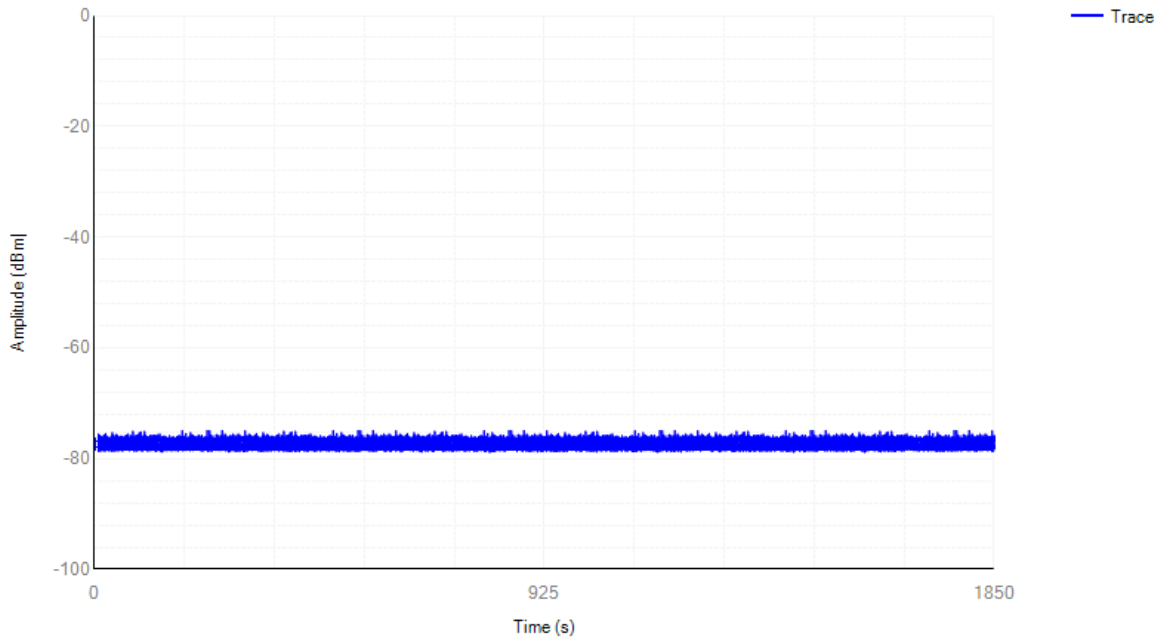
5510MHz n40 Non-Occupancy

Non-Occupancy period



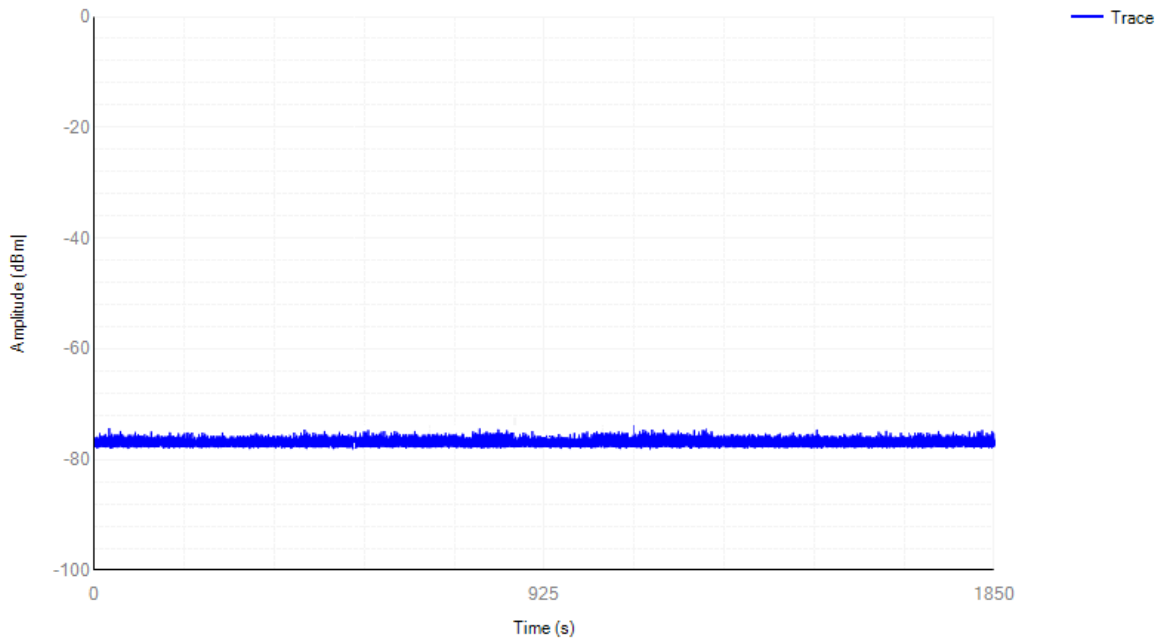
5320MHz a Non-Occupancy

Non-Occupancy period



5500MHz a Non-Occupancy

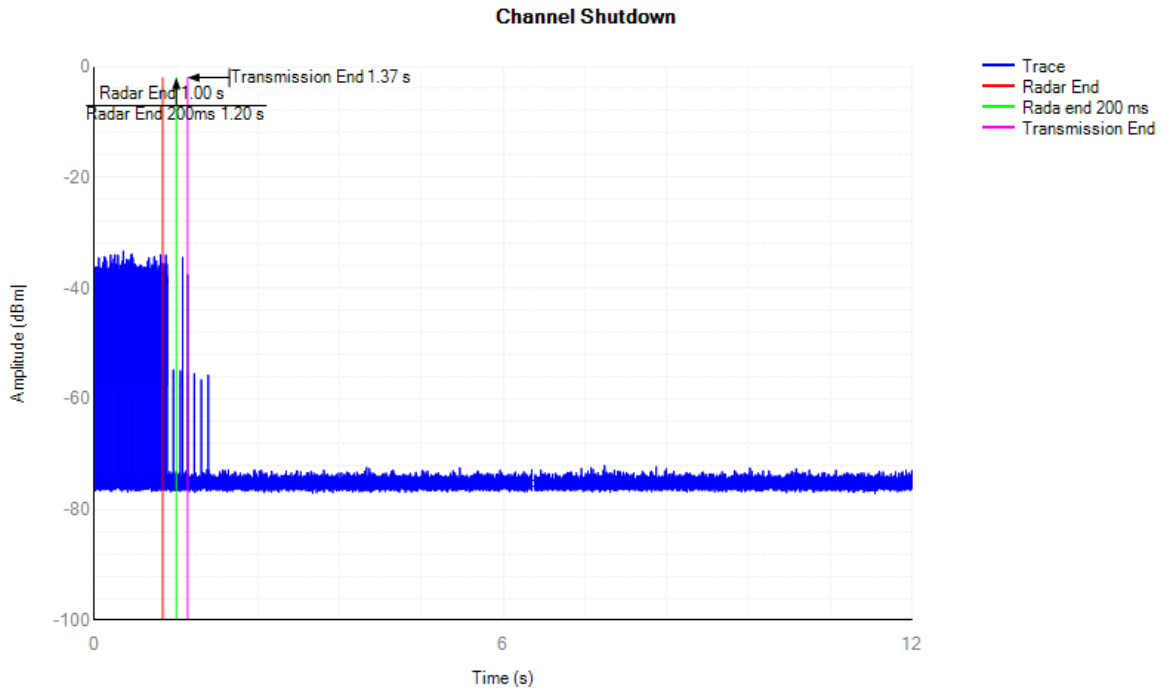
Non-Occupancy period



**Shutdown Time**

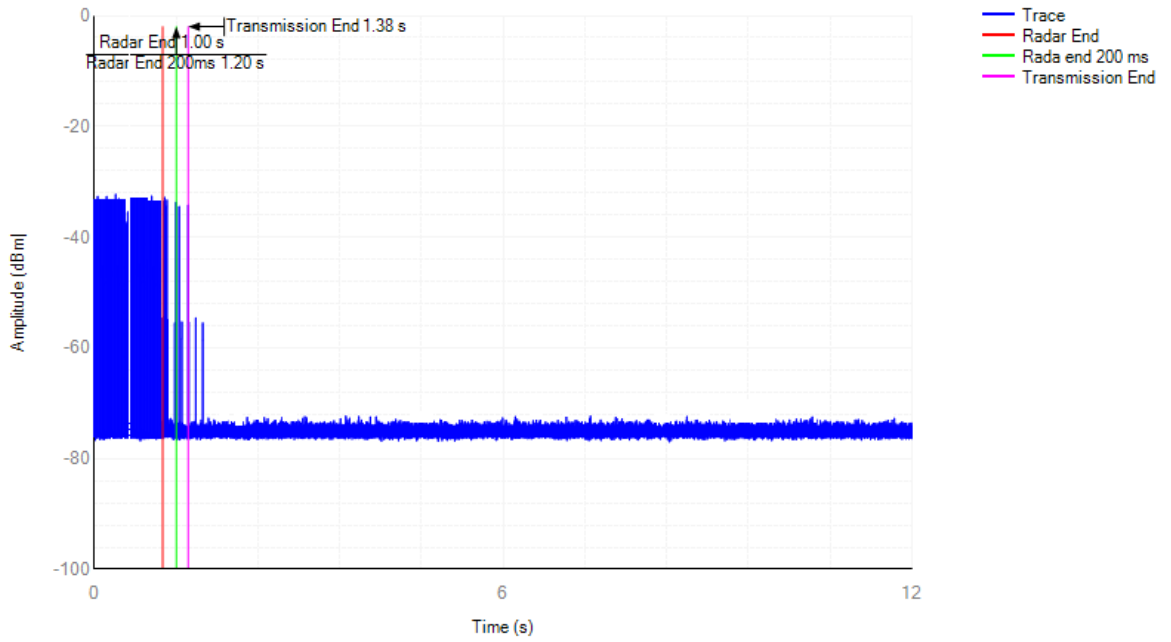
Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
ac80	5290	0.366	10	0.0096	0.26	0.0008	0.06	Pass
ac80	5530	0.3752	10	0.0052	0.26	0.0008	0.06	Pass
n40	5310	0.53	10	0.0084	0.26	0.0036	0.06	Pass
n40	5510	0.4512	10	0.0072	0.26	0.0024	0.06	Pass
a	5320	0.4284	10	0.0084	0.26	0.002	0.06	Pass
a	5500	0.514	10	0.0092	0.26	0.0024	0.06	Pass

5290MHz ac80 Shutdown



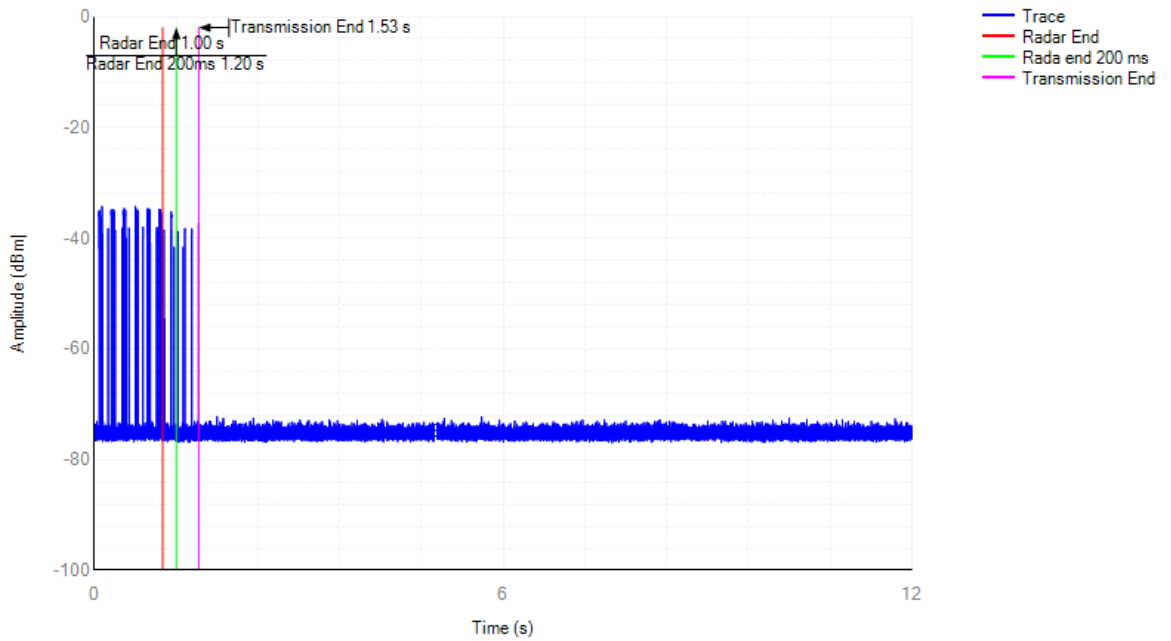
5530MHz ac80 Shutdown

Channel Shutdown



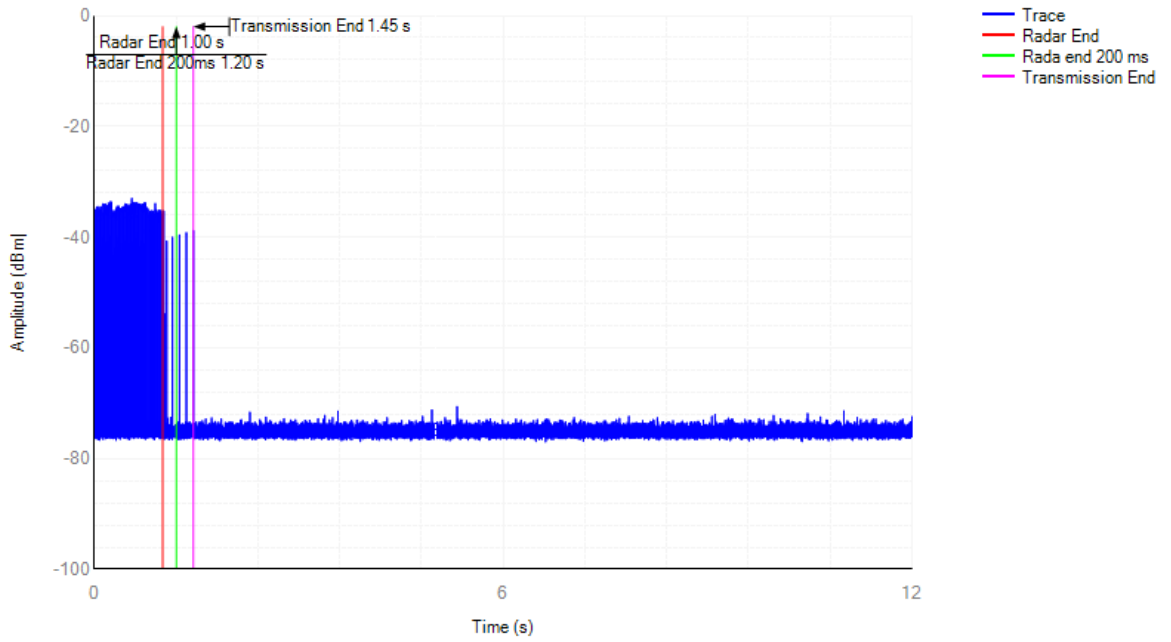
5310MHz n40 Shutdown

Channel Shutdown



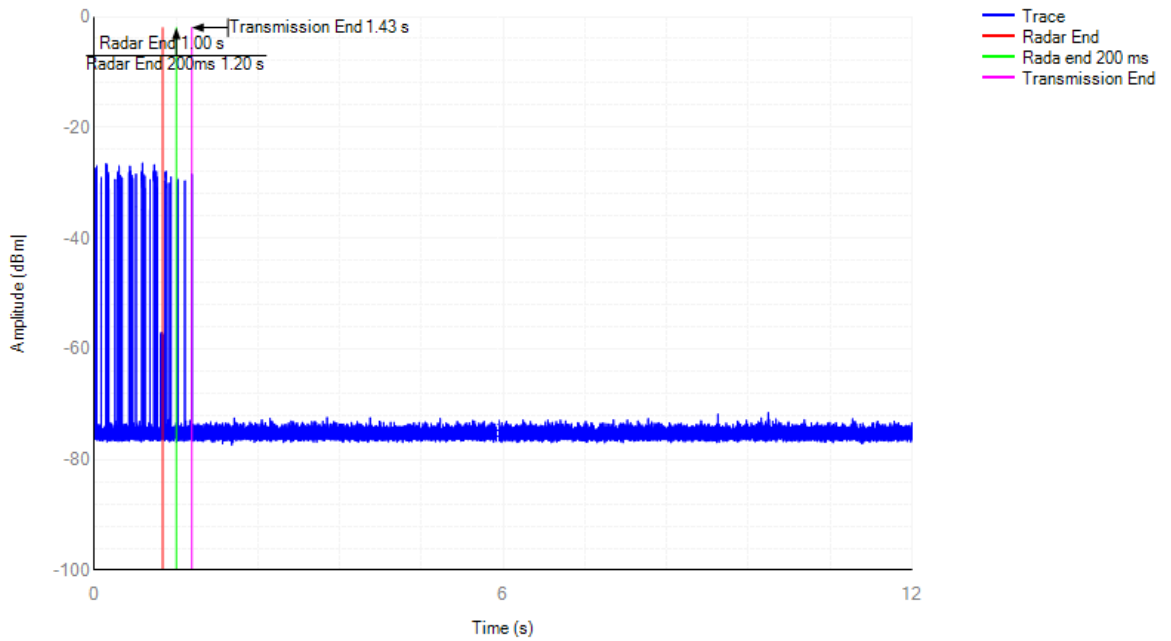
5510MHz n40 Shutdown

### Channel Shutdown



### 5320MHz a Shutdown

### Channel Shutdown



### 5500MHz a Shutdown

Channel Shutdown

