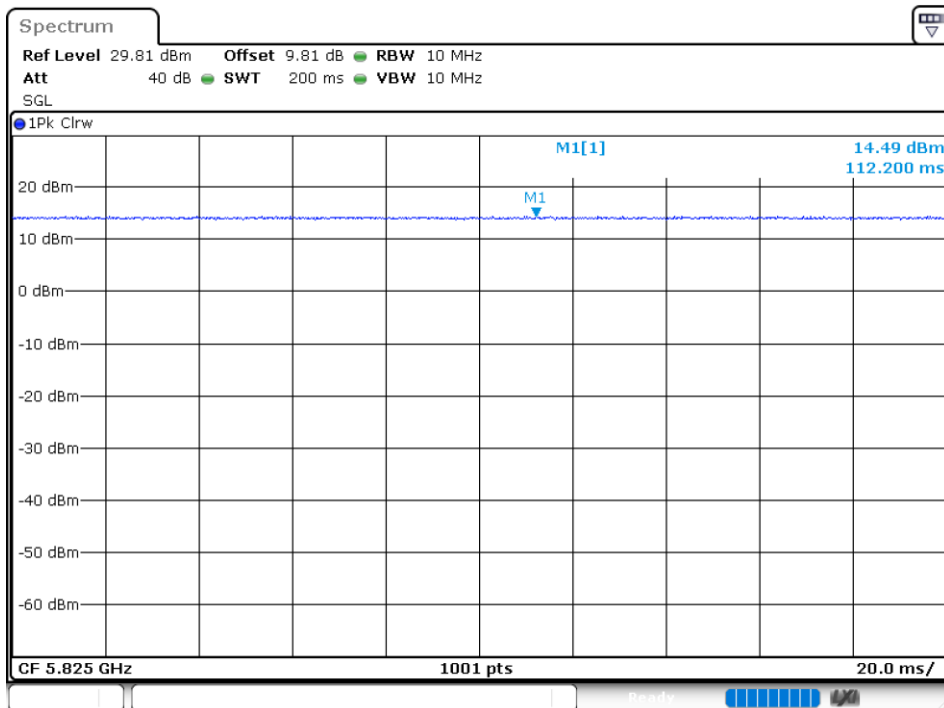
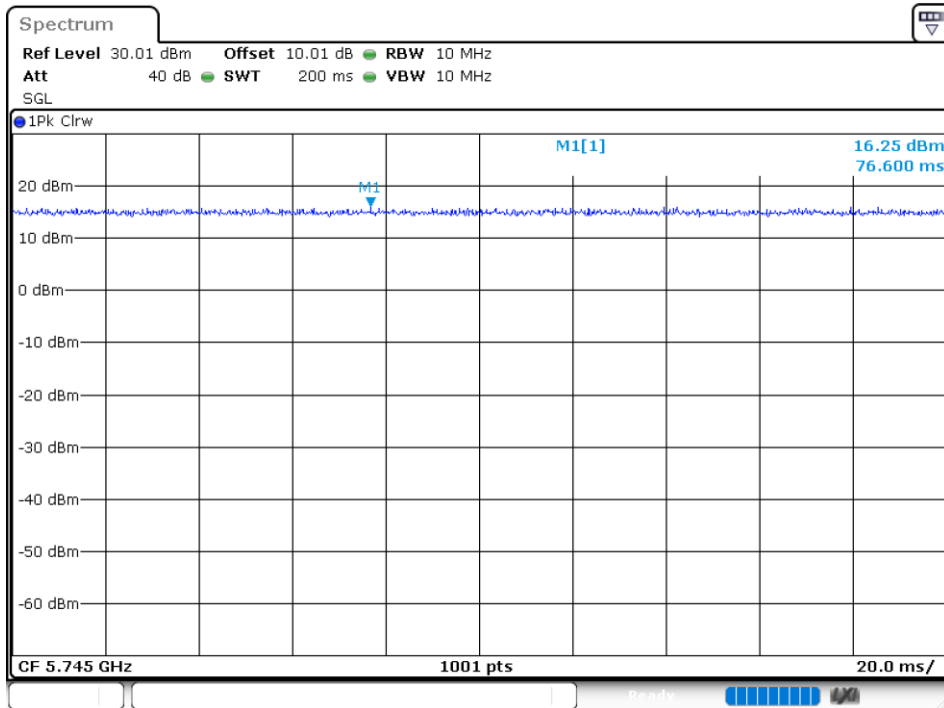


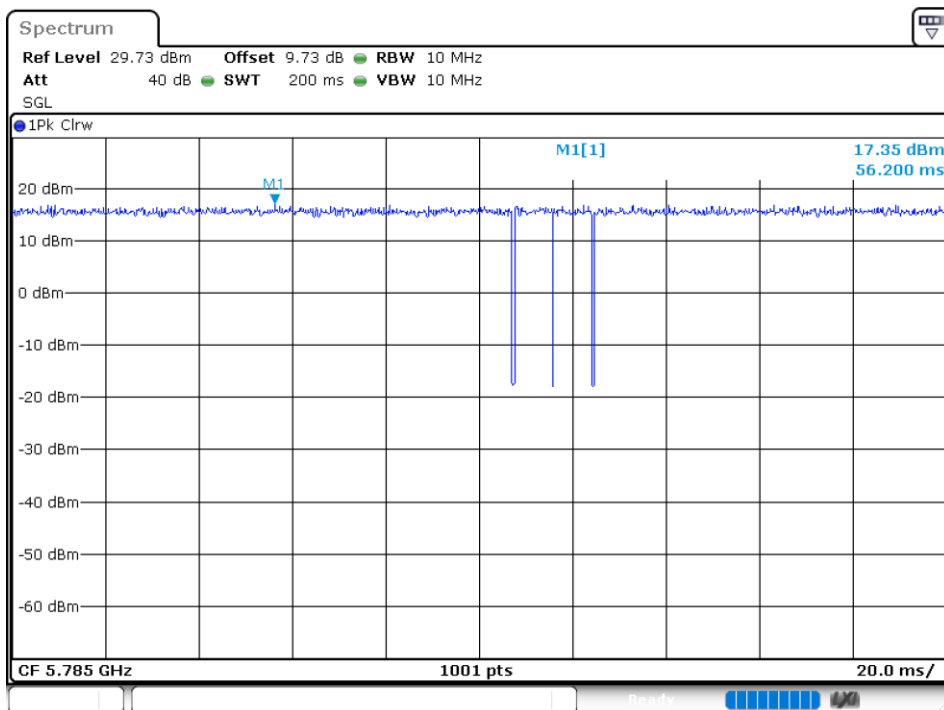
Duty Cycle NVNT 802.11a 5825MHz



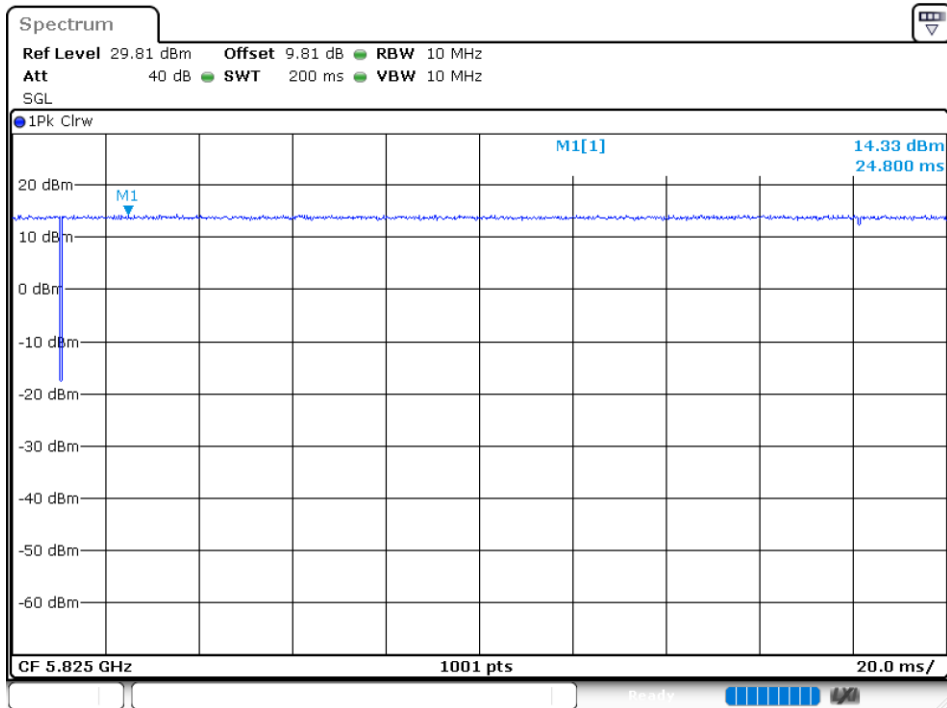
Duty Cycle NVNT 802.11ac20 5745MHz



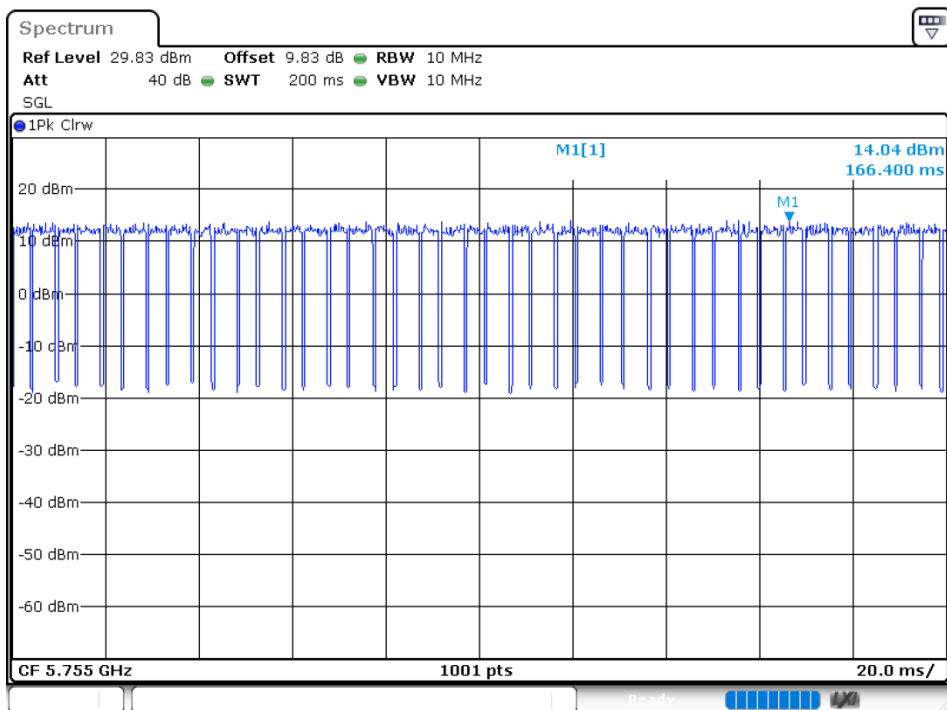
Duty Cycle NVNT 802.11ac20 5785MHz



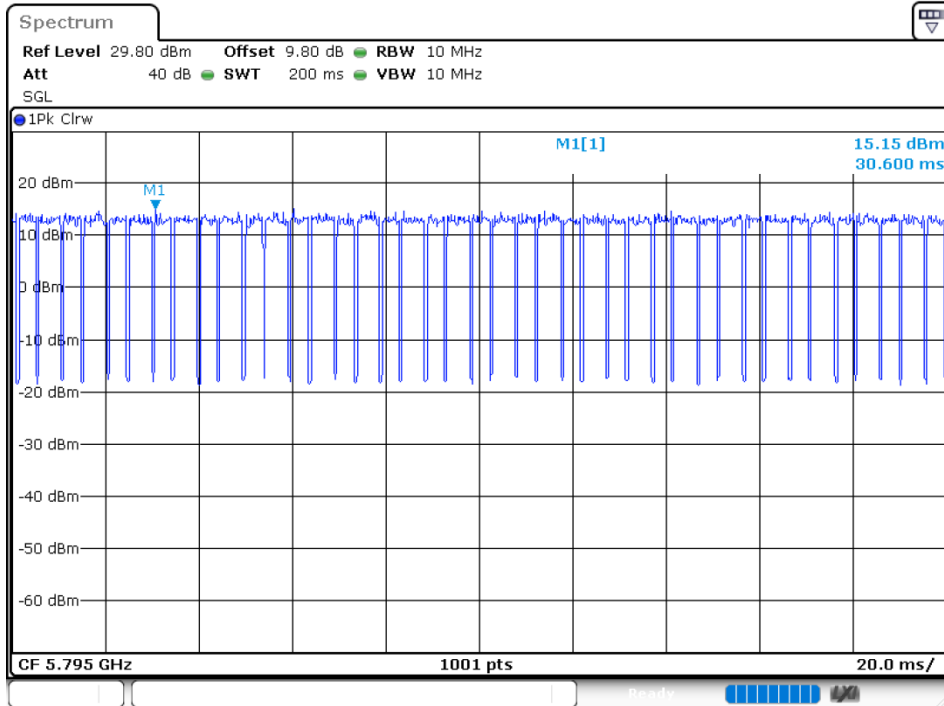
Duty Cycle NVNT 802.11ac20 5825MHz



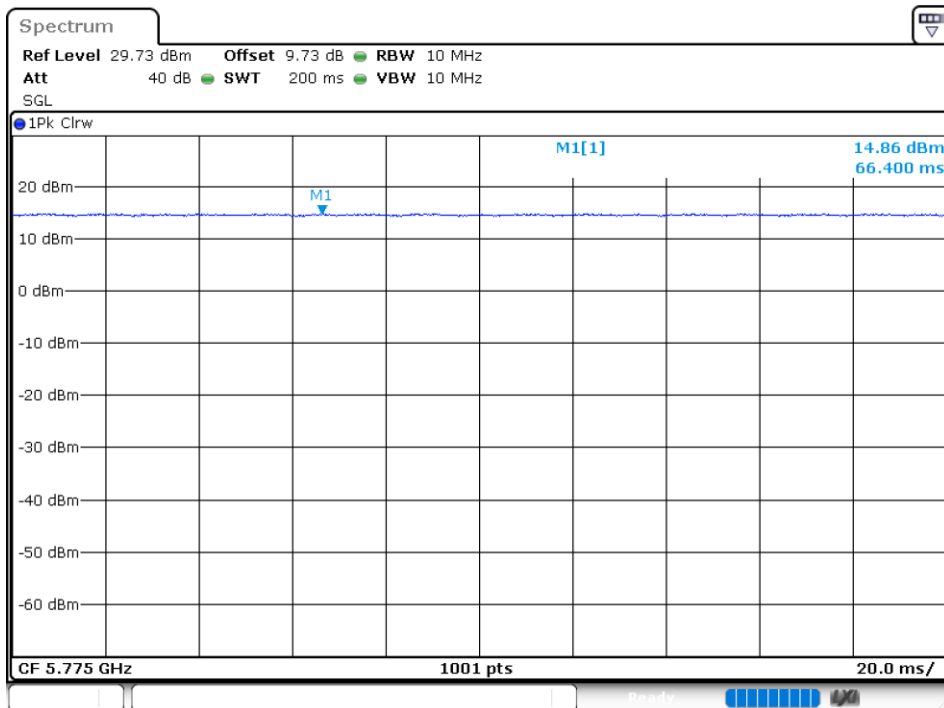
Duty Cycle NVNT 802.11ac40 5755MHz



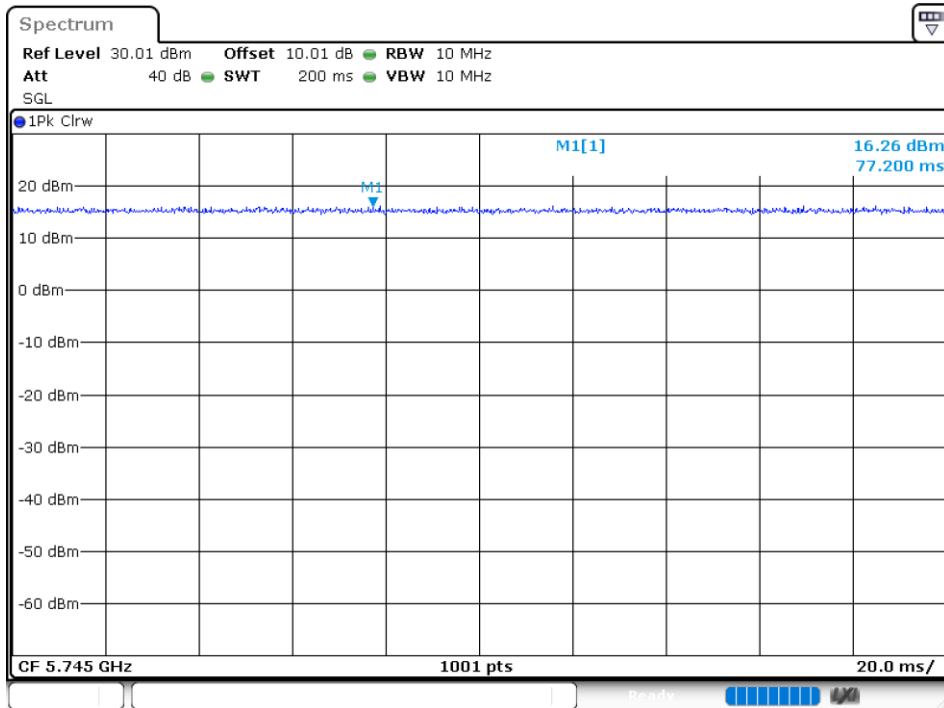
Duty Cycle NVNT 802.11ac40 5795MHz



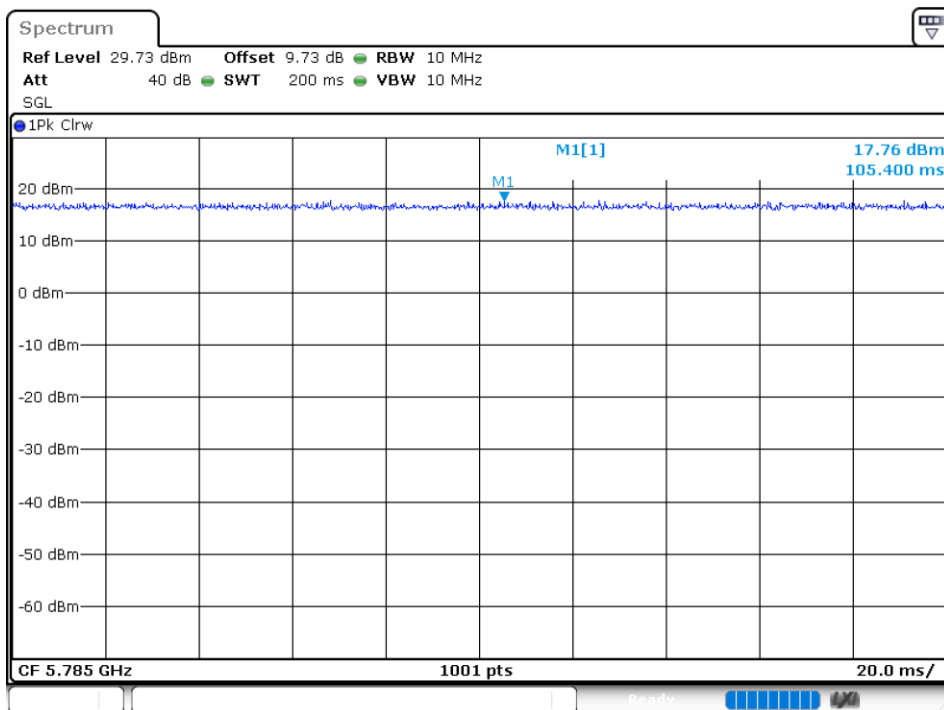
Duty Cycle NVNT 802.11ac80 5775MHz



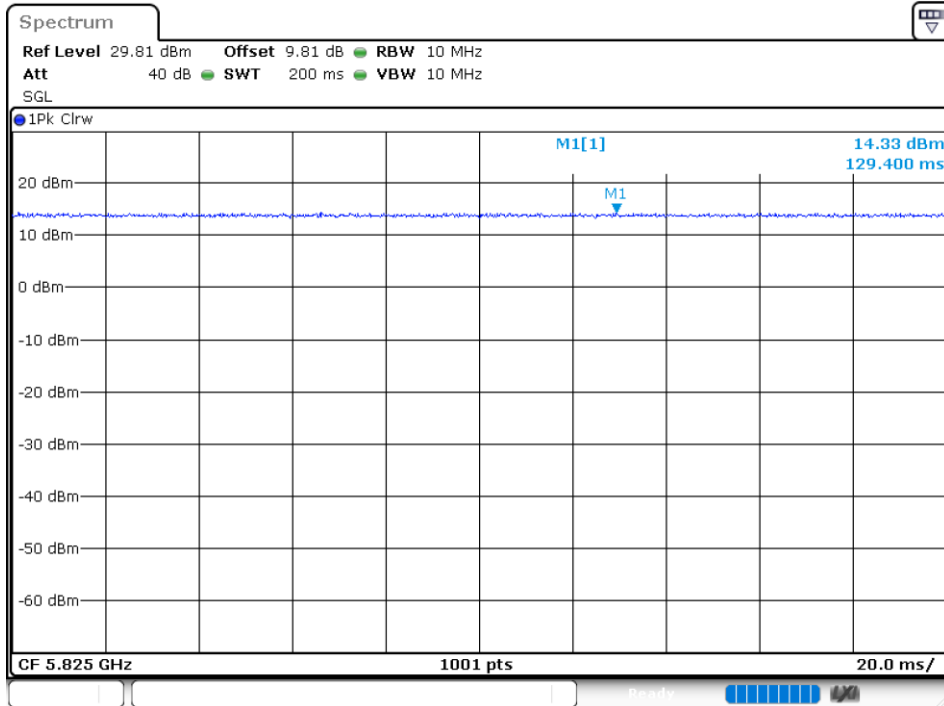
Duty Cycle NVNT 802.11n(HT20) 5745MHz



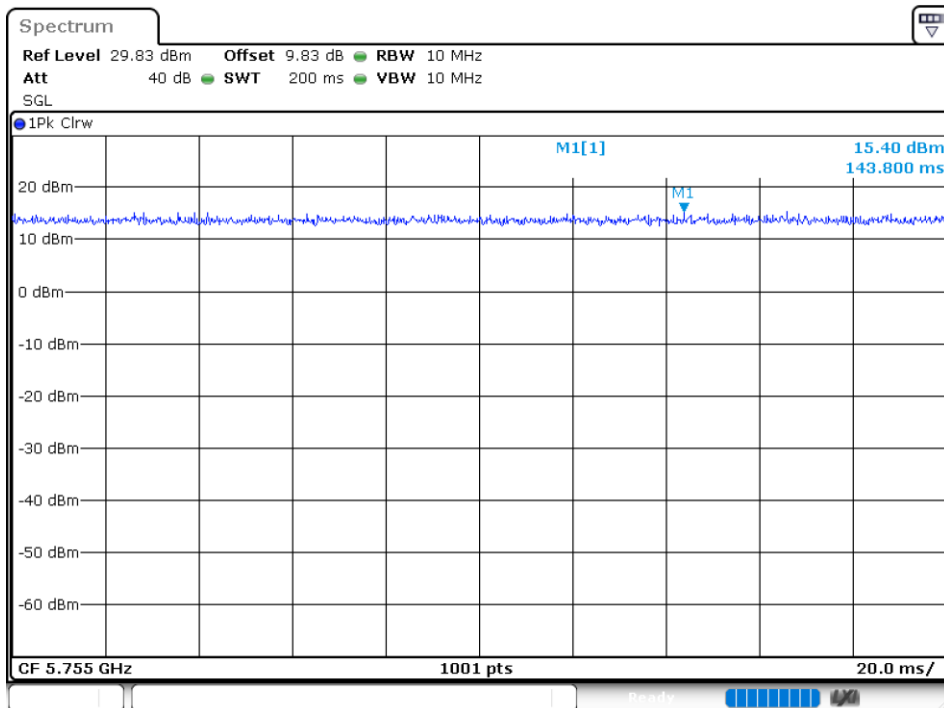
Duty Cycle NVNT 802.11n(HT20) 5785MHz



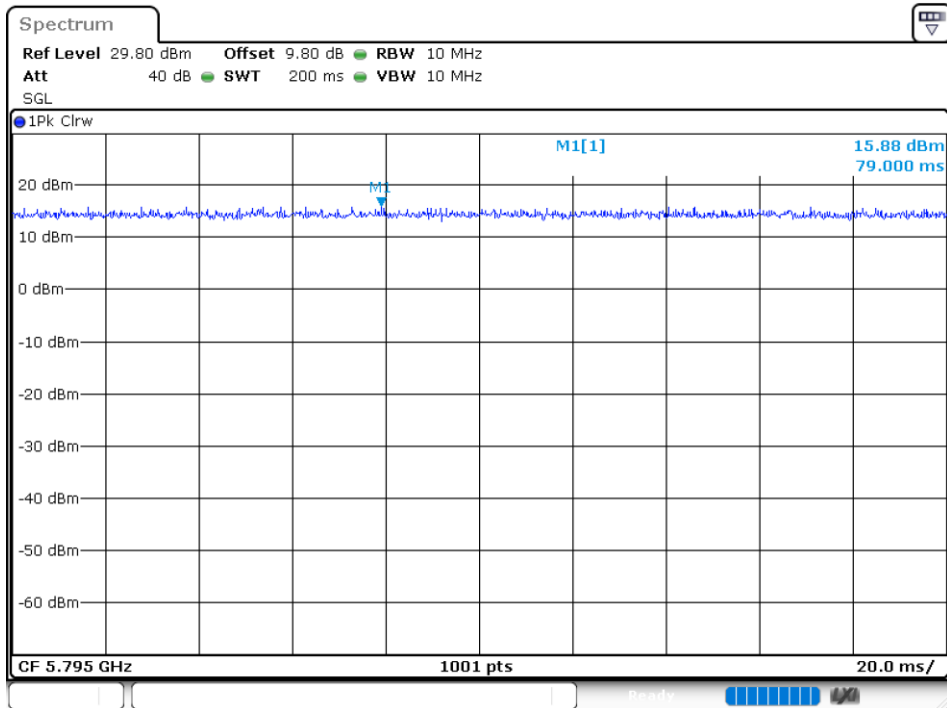
Duty Cycle NVNT 802.11n(HT20) 5825MHz



Duty Cycle NVNT 802.11n(HT40) 5755MHz



Duty Cycle NVNT 802.11n(HT40) 5795MHz



**Maximum Conducted Output Power**

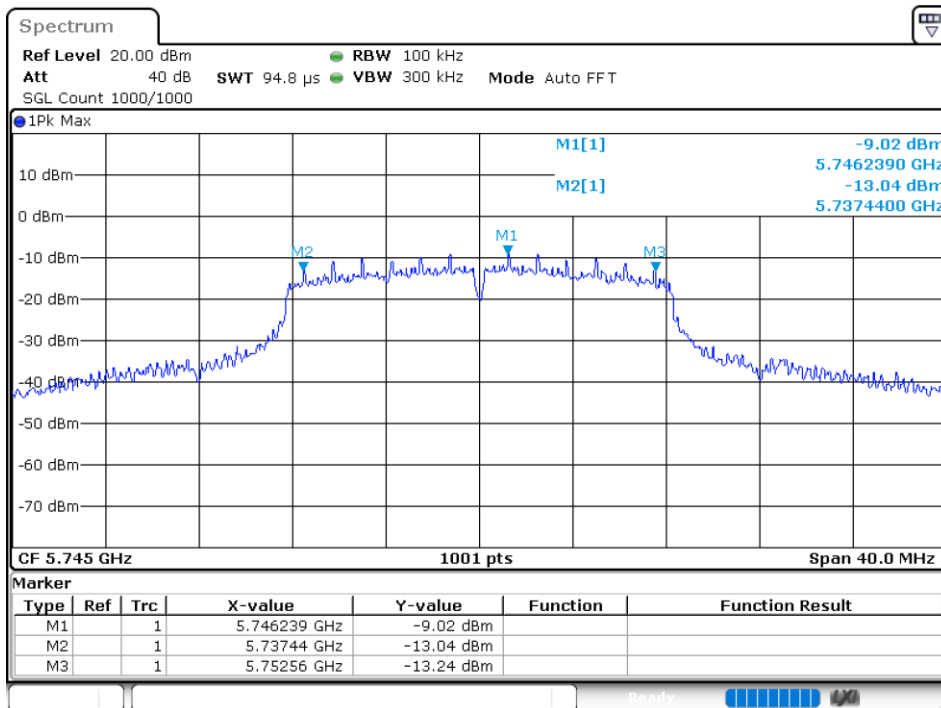
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	9.33	0	9.33	30	Pass
NVNT	802.11a	5785	Ant 1	9.57	0	9.57	30	Pass
NVNT	802.11a	5825	Ant 1	8.99	0	8.99	30	Pass
NVNT	802.11ac20	5745	Ant 1	7.51	0	7.51	30	Pass
NVNT	802.11ac20	5785	Ant 1	7.42	0.03	7.45	30	Pass
NVNT	802.11ac20	5825	Ant 1	7.28	0	7.28	30	Pass
NVNT	802.11ac40	5755	Ant 1	6.71	0.39	7.1	30	Pass
NVNT	802.11ac40	5795	Ant 1	7.13	0.39	7.52	30	Pass
NVNT	802.11ac80	5775	Ant 1	6.33	0	6.33	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	8.51	0	8.51	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	9.39	0	9.39	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	7.91	0	7.91	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	8.1	0	8.1	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	8.61	0	8.61	30	Pass



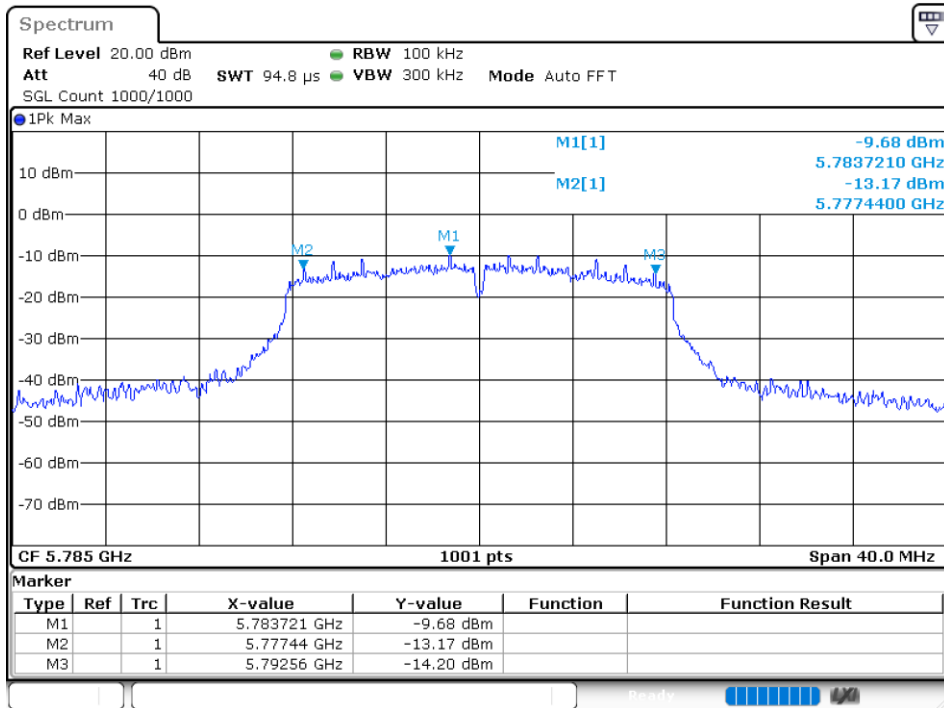
**-6dB Emission Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	15.12	0.5	Pass
NVNT	802.11a	5785	Ant 1	15.12	0.5	Pass
NVNT	802.11a	5825	Ant 1	15.12	0.5	Pass
NVNT	802.11ac20	5745	Ant 1	15.12	0.5	Pass
NVNT	802.11ac20	5785	Ant 1	16.32	0.5	Pass
NVNT	802.11ac20	5825	Ant 1	16.36	0.5	Pass
NVNT	802.11ac40	5755	Ant 1	35.12	0.5	Pass
NVNT	802.11ac40	5795	Ant 1	32.88	0.5	Pass
NVNT	802.11ac80	5775	Ant 1	70.08	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 1	15.08	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 1	15.12	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 1	15.36	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 1	35.12	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 1	32.56	0.5	Pass

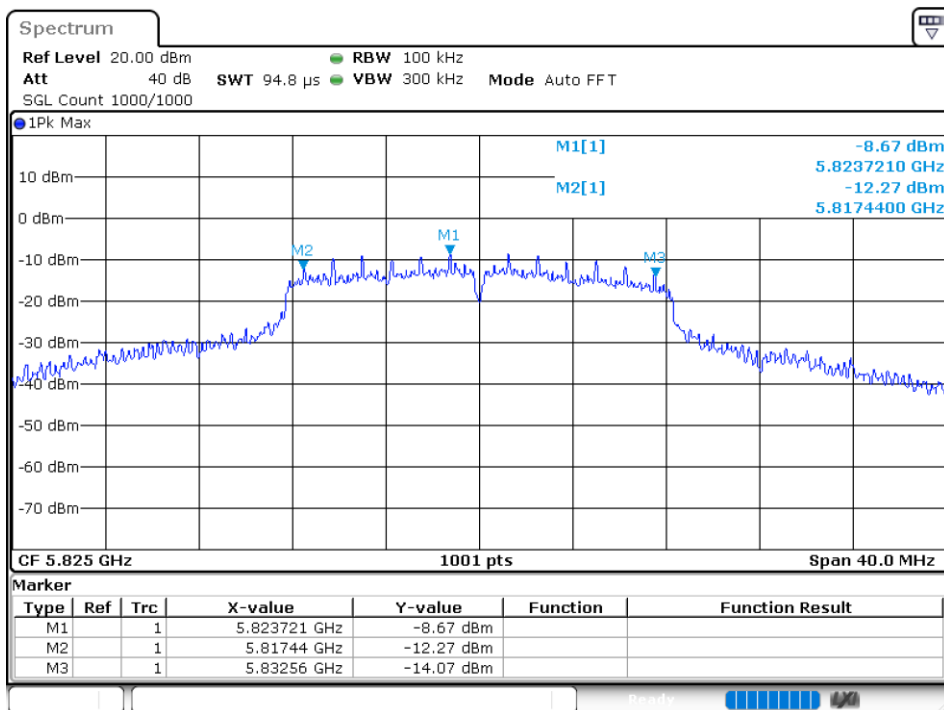
EBW NVNT 802.11a 5745MHz Ant1



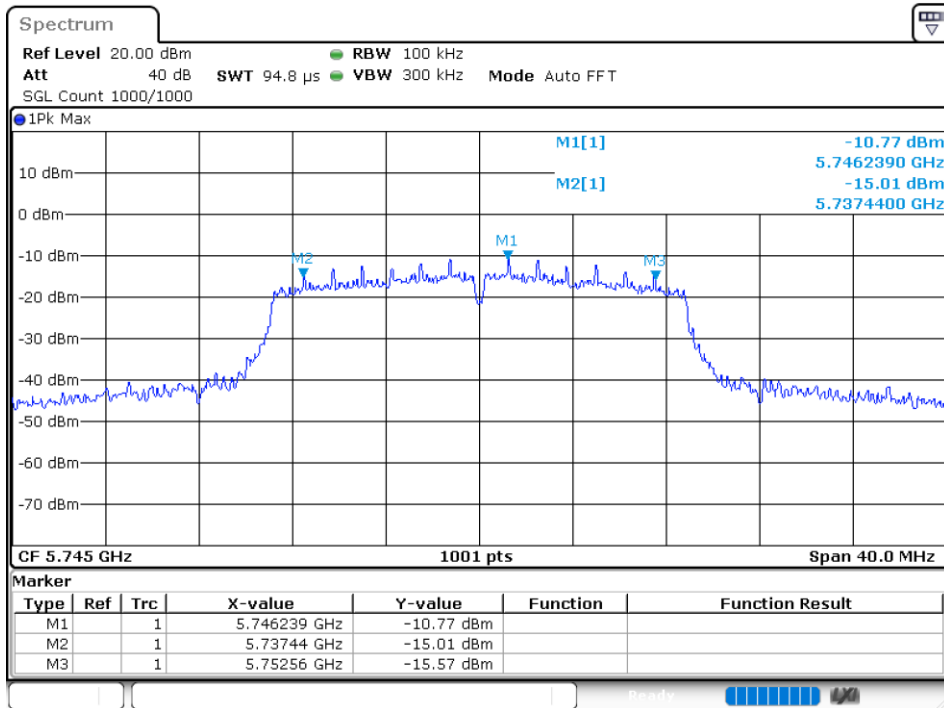
EBW NVNT 802.11a 5785MHz Ant1



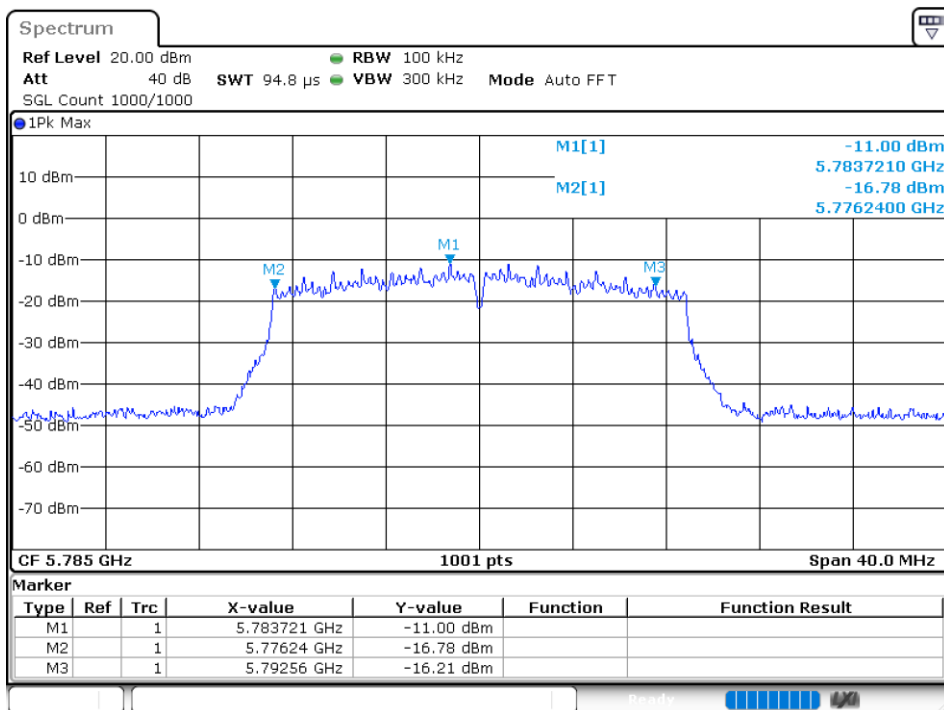
EBW NVNT 802.11a 5825MHz Ant1



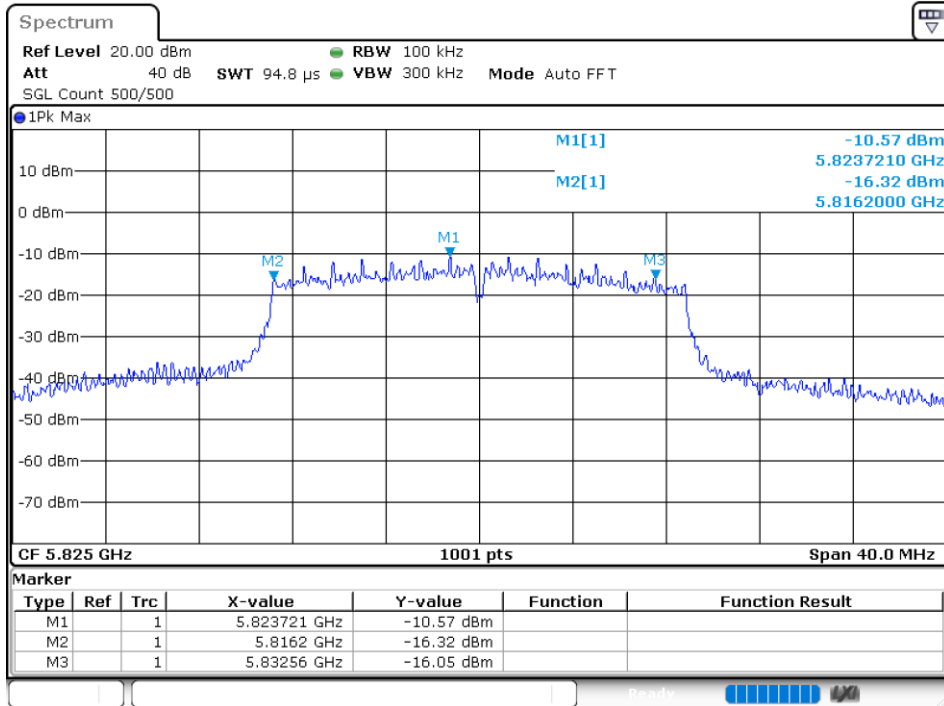
EBW NVNT 802.11ac20 5745MHz Ant1



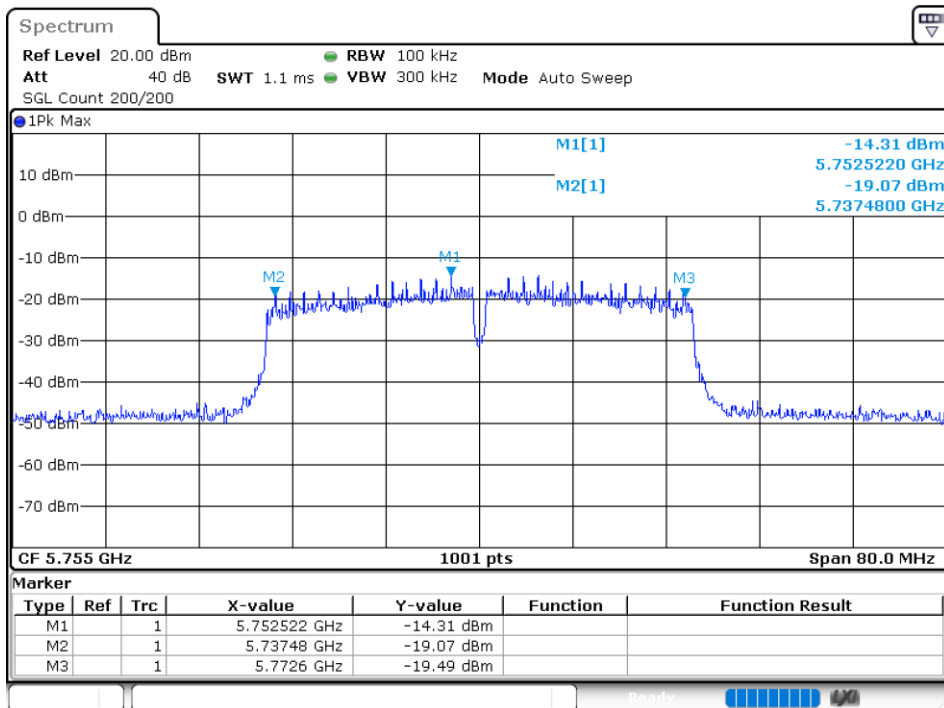
EBW NVNT 802.11ac20 5785MHz Ant1



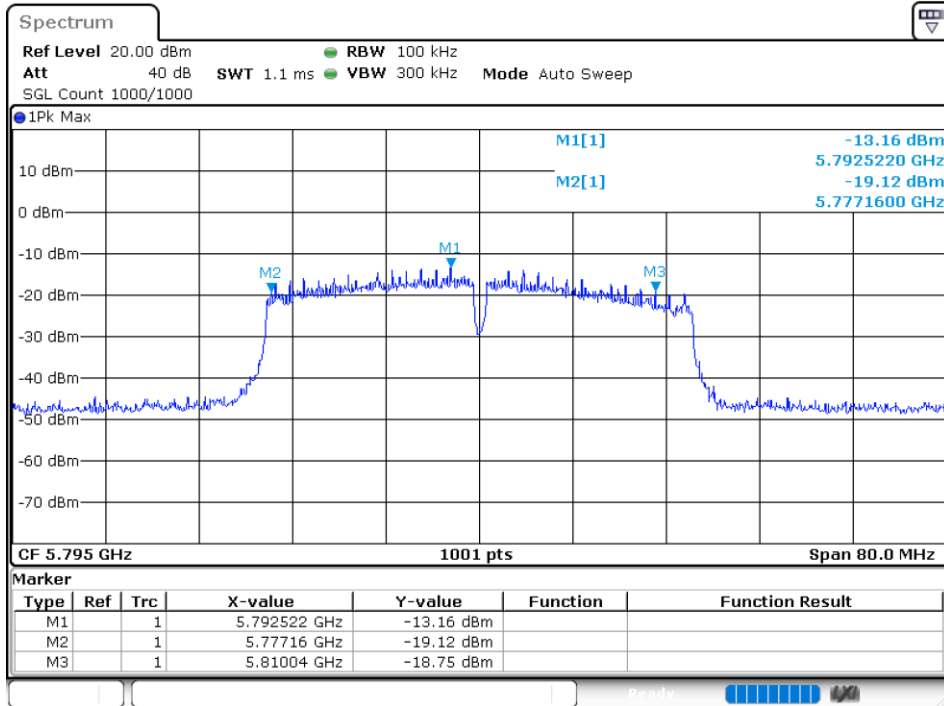
EBW NVNT 802.11ac20 5825MHz Ant1



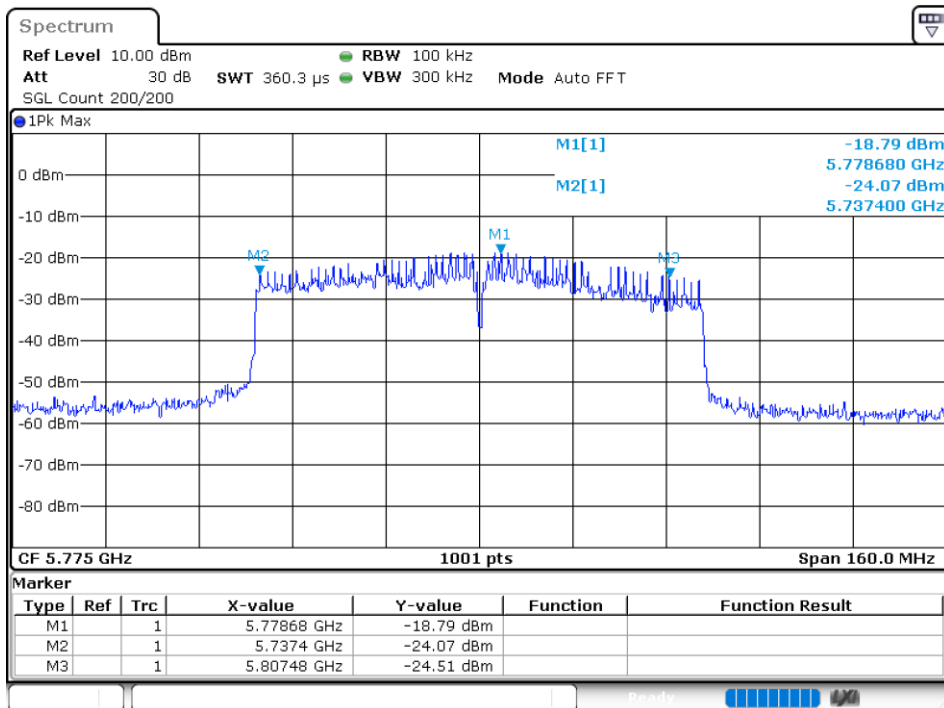
EBW NVNT 802.11ac40 5755MHz Ant1



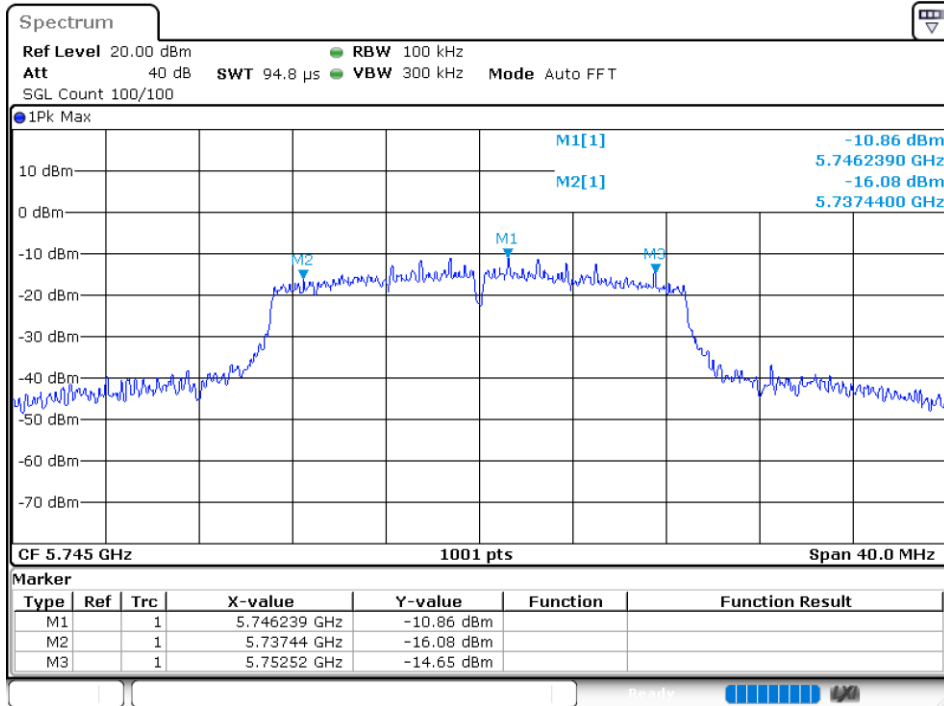
EBW NVNT 802.11ac40 5795MHz Ant1



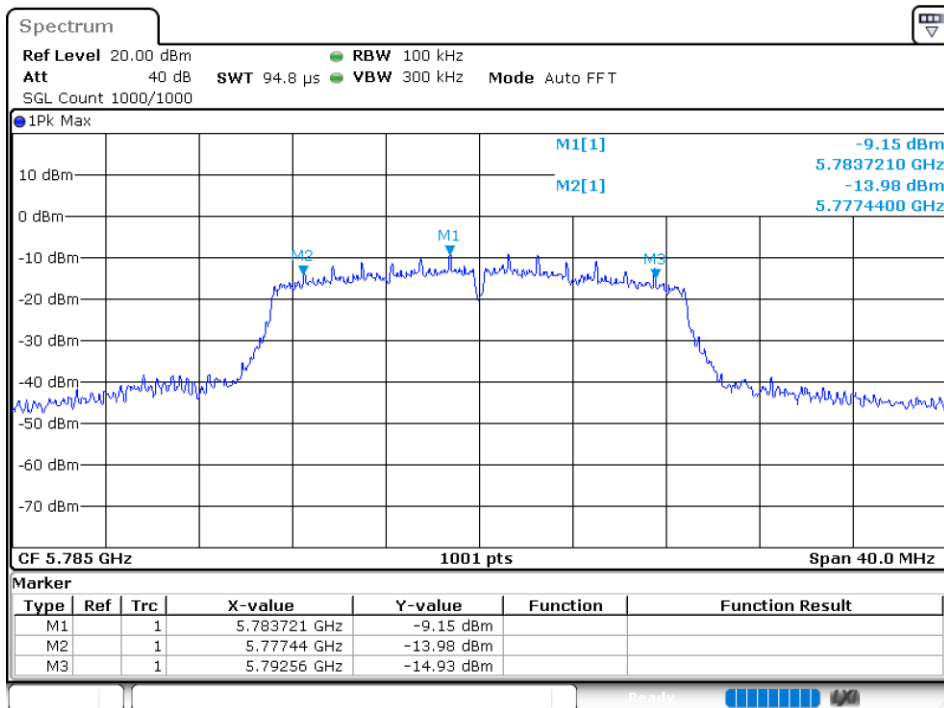
EBW NVNT 802.11ac80 5775MHz Ant1



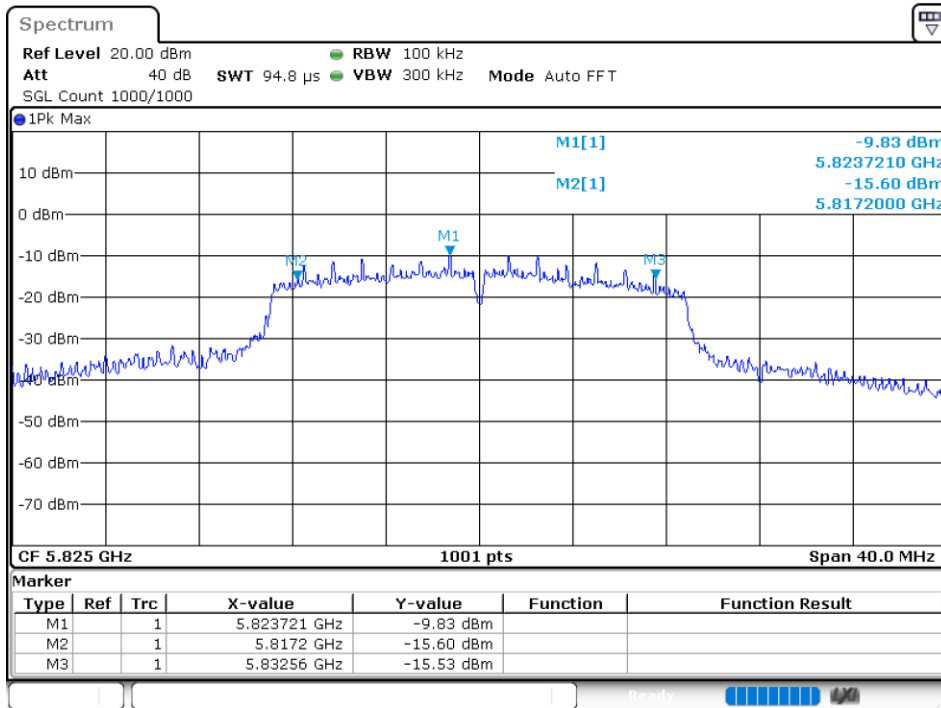
EBW NVNT 802.11n(HT20) 5745MHz Ant1



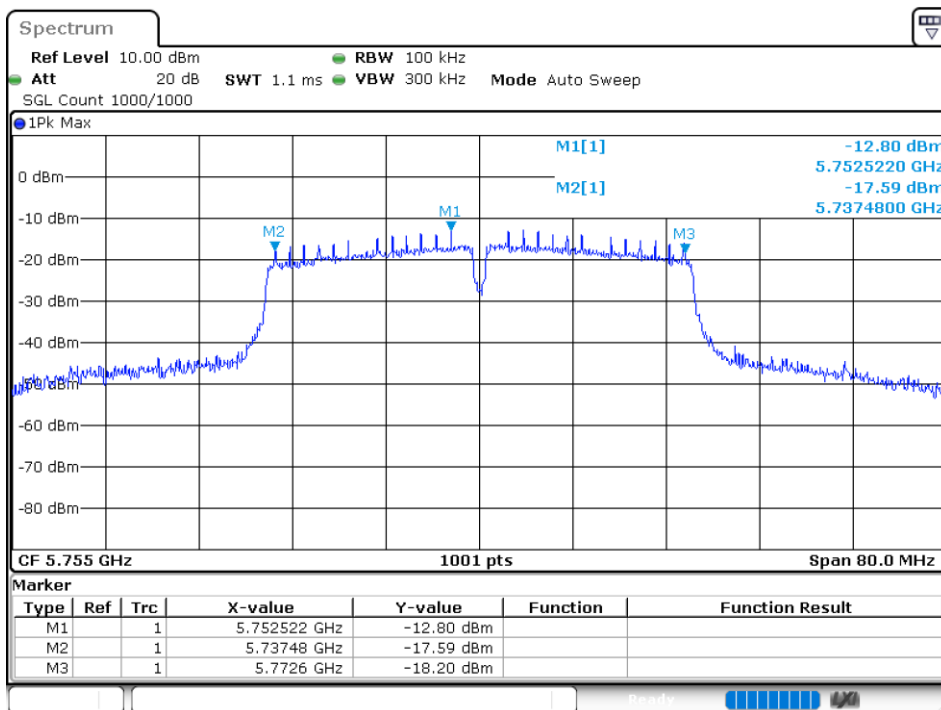
EBW NVNT 802.11n(HT20) 5785MHz Ant1



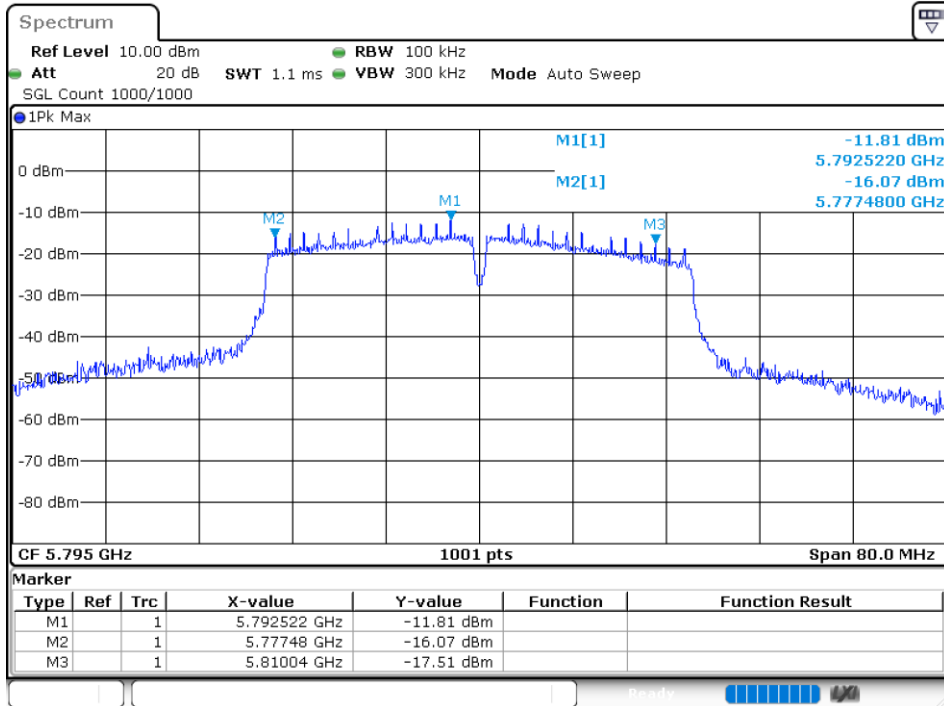
EBW NVNT 802.11n(HT20) 5825MHz Ant1



EBW NVNT 802.11n(HT40) 5755MHz Ant1



EBW NVNT 802.11n(HT40) 5795MHz Ant1

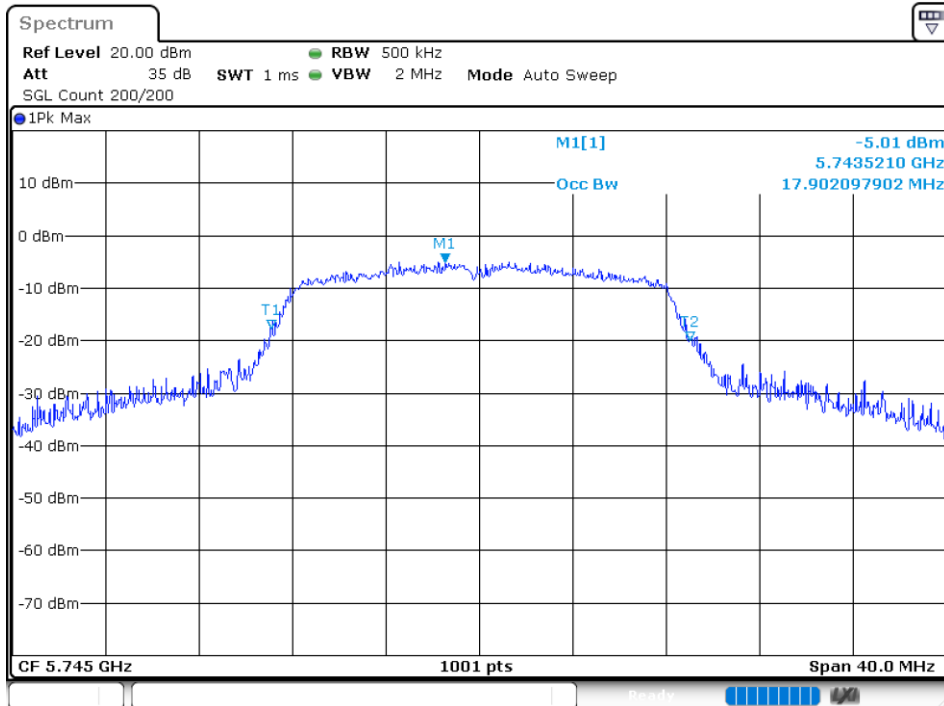




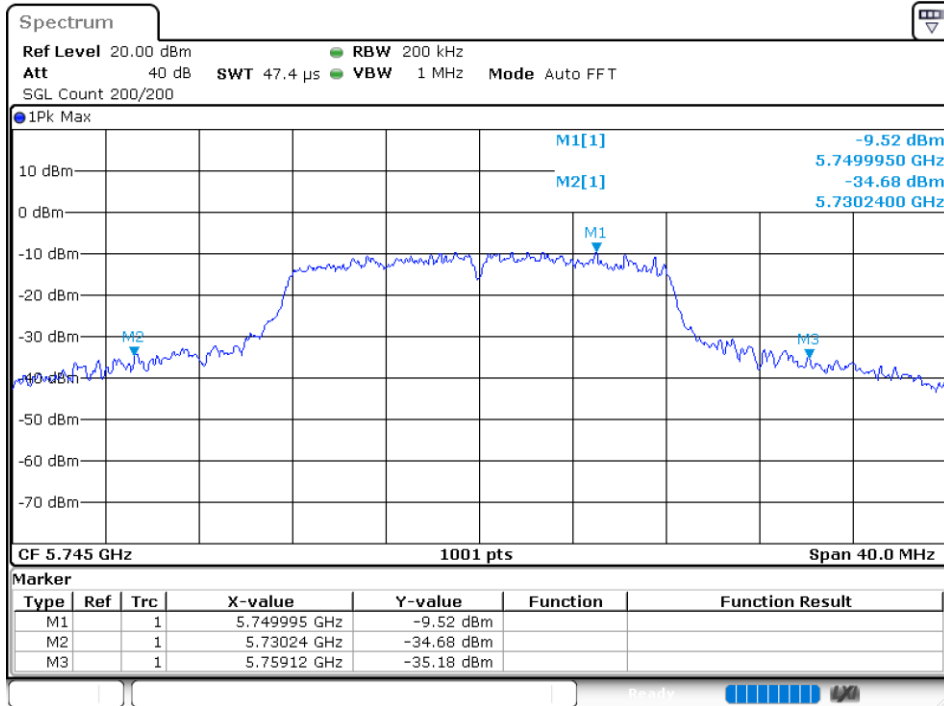
**Occupied Channel Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	17.9021	28.88	Pass
NVNT	802.11a	5785	Ant 1	17.2627	20.28	Pass
NVNT	802.11a	5825	Ant 1	22.8971	35.44	Pass
NVNT	802.11ac20	5745	Ant 1	17.7423	20.24	Pass
NVNT	802.11ac20	5785	Ant 1	17.6224	19.68	Pass
NVNT	802.11ac20	5825	Ant 1	17.9021	25.52	Pass
NVNT	802.11ac40	5755	Ant 1	36.1239	40.96	Pass
NVNT	802.11ac40	5795	Ant 1	35.8841	39.76	Pass
NVNT	802.11ac80	5775	Ant 1	73.8462	79.04	Pass
NVNT	802.11n(HT20)	5745	Ant 1	17.9421	24.4	Pass
NVNT	802.11n(HT20)	5785	Ant 1	17.7822	20.24	Pass
NVNT	802.11n(HT20)	5825	Ant 1	19.3806	32.72	Pass
NVNT	802.11n(HT40)	5755	Ant 1	36.2837	49.68	Pass
NVNT	802.11n(HT40)	5795	Ant 1	36.044	44.08	Pass

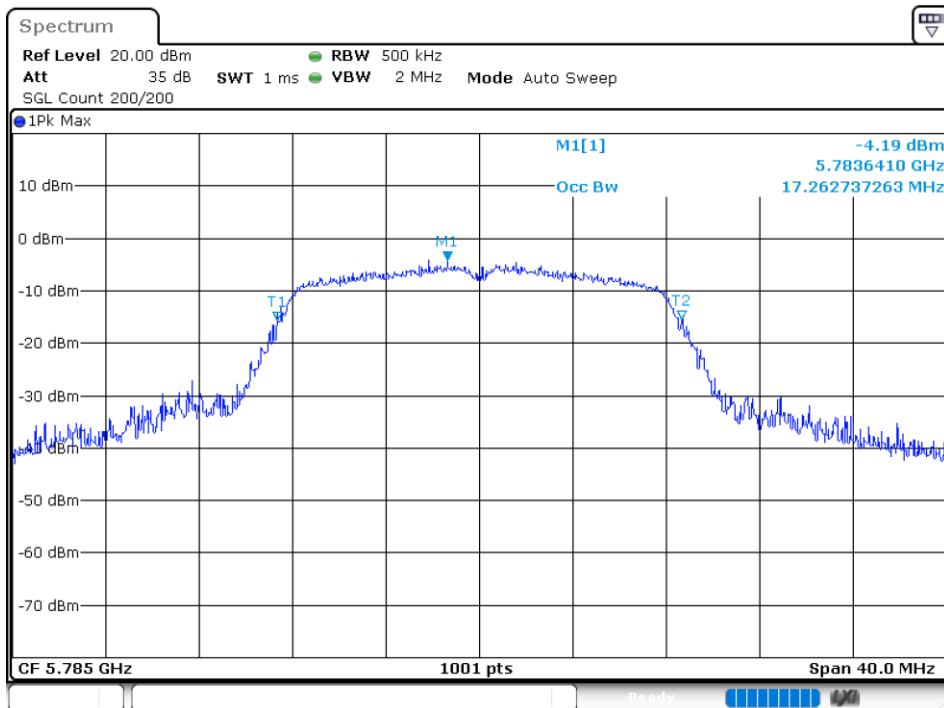
OBW NVNT 802.11a 5745MHz Ant1



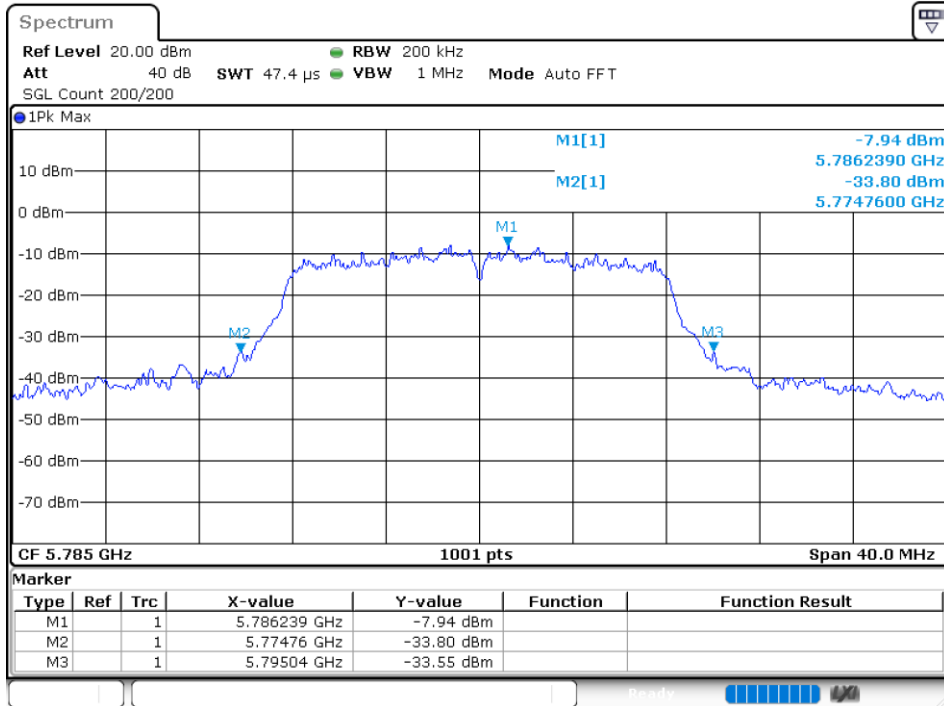
-26 dB BW NVNT 802.11a 5745MHz Ant1



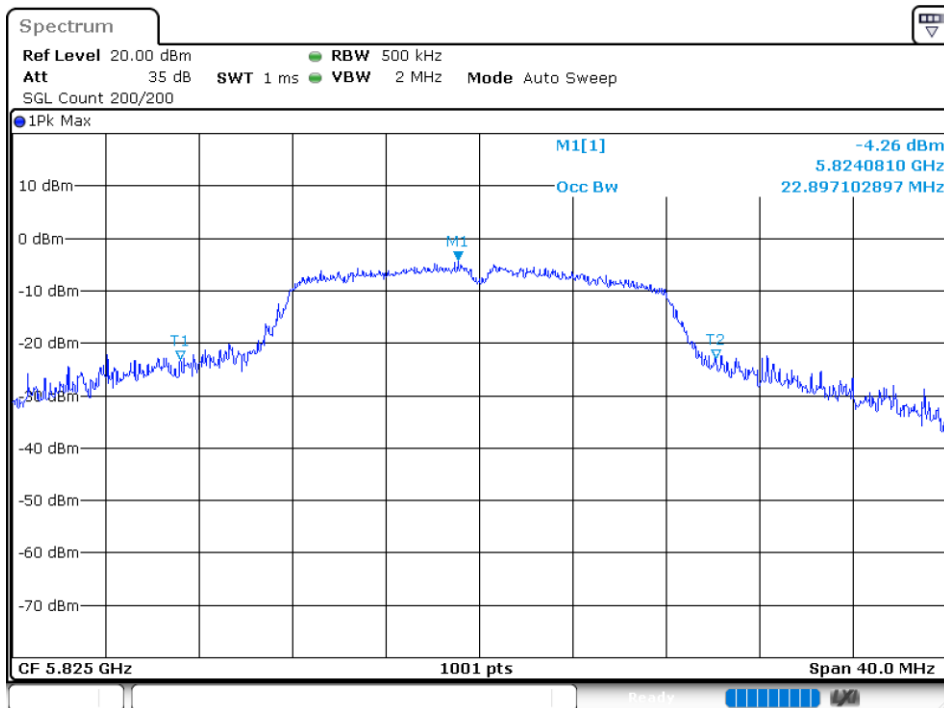
OBW NVNT 802.11a 5785MHz Ant1



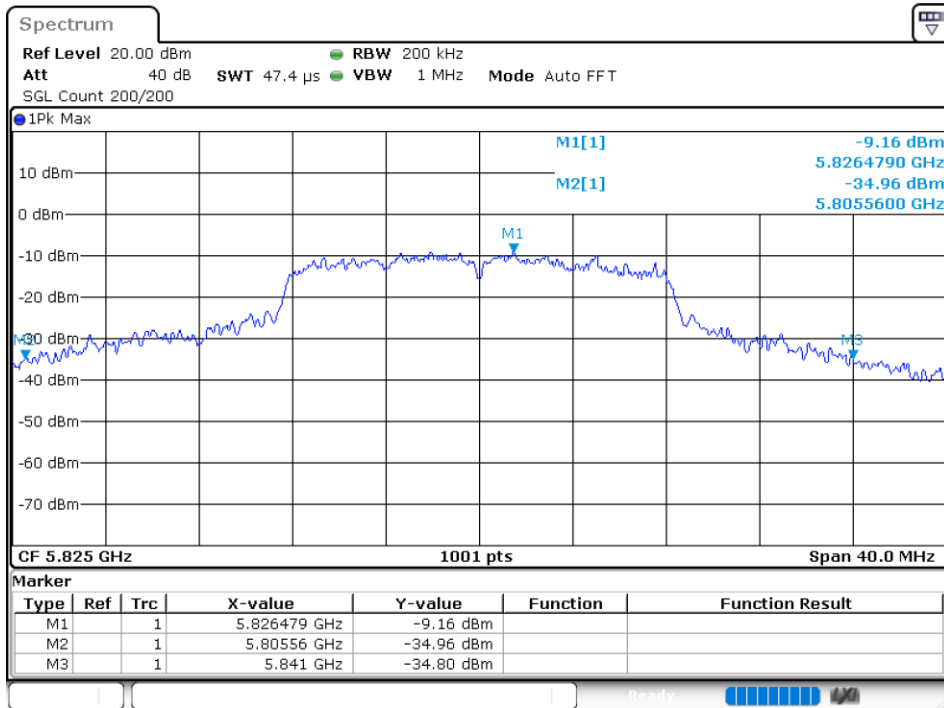
-26 dB BW NVNT 802.11a 5785MHz Ant1



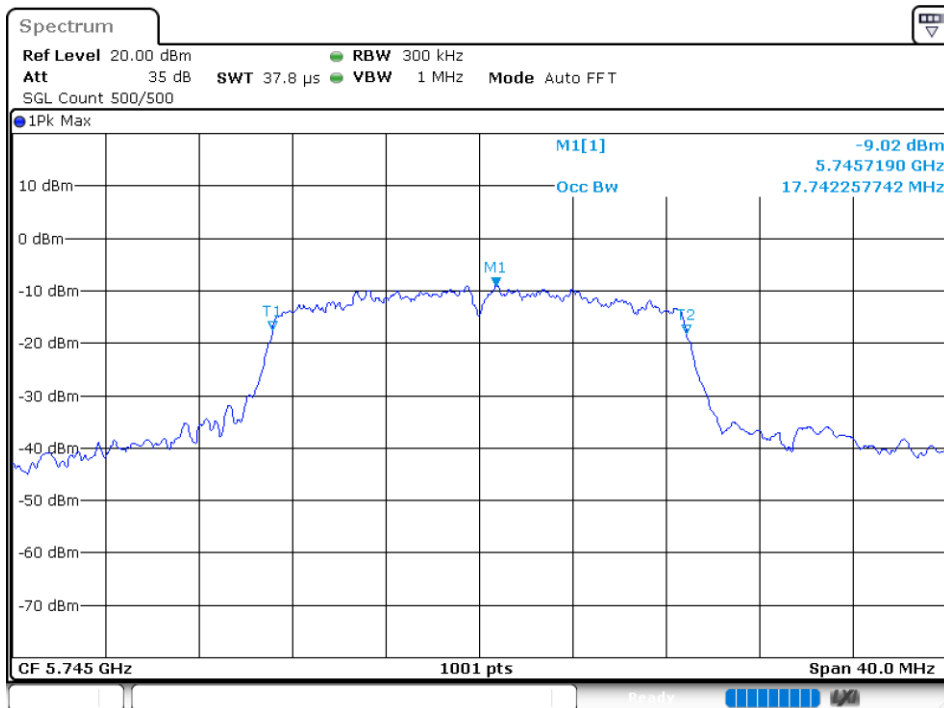
OBW NVNT 802.11a 5825MHz Ant1



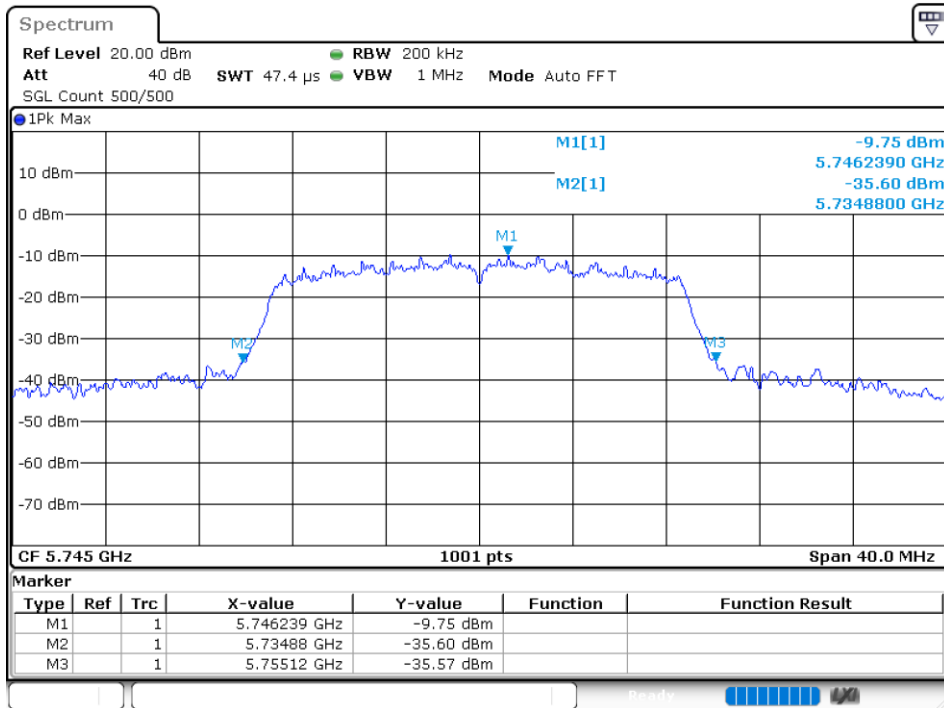
-26 dB BW NVNT 802.11a 5825MHz Ant1



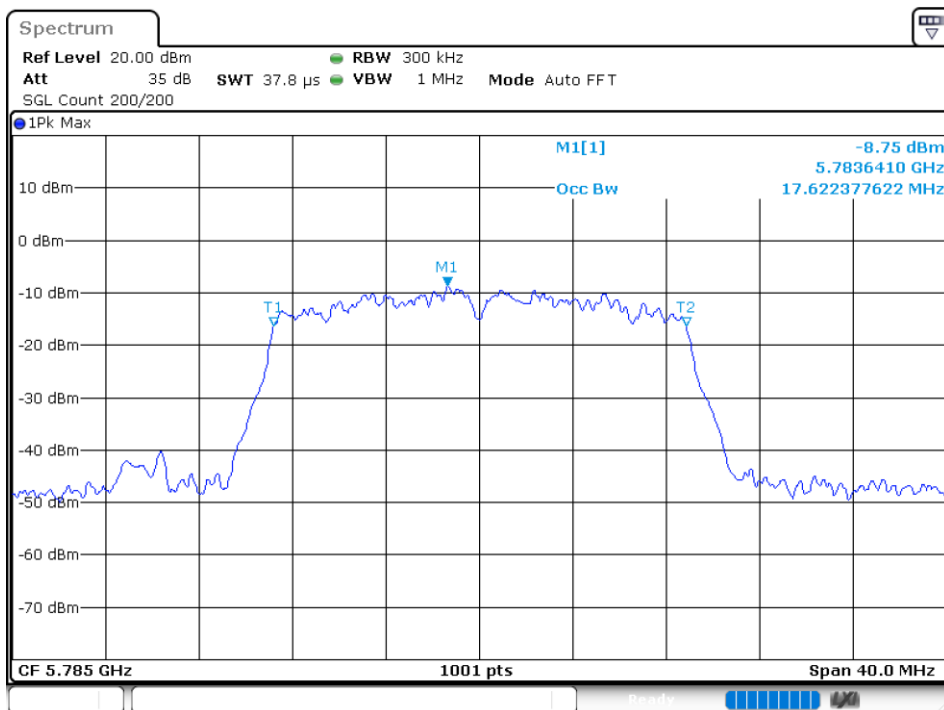
OBW NVNT 802.11ac20 5745MHz Ant1



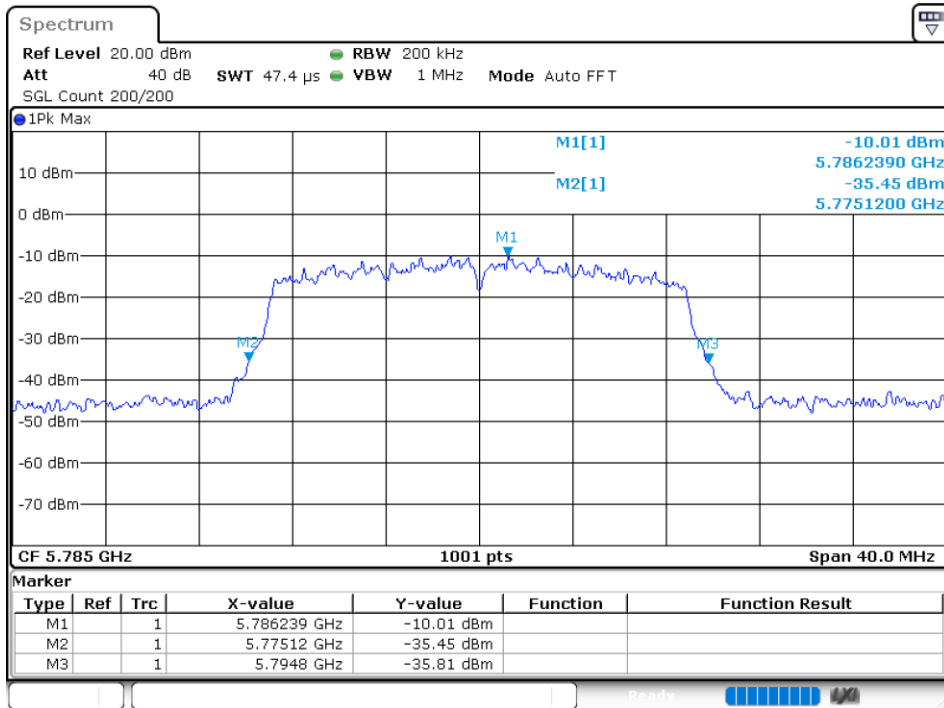
-26 dB BW NVNT 802.11ac20 5745MHz Ant1



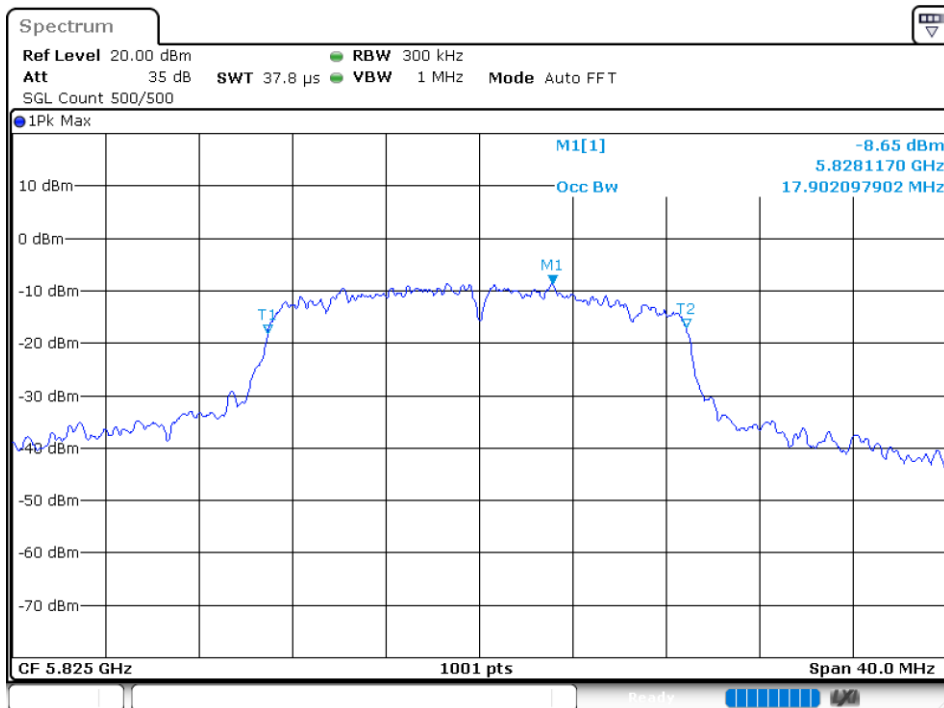
OBW NVNT 802.11ac20 5785MHz Ant1



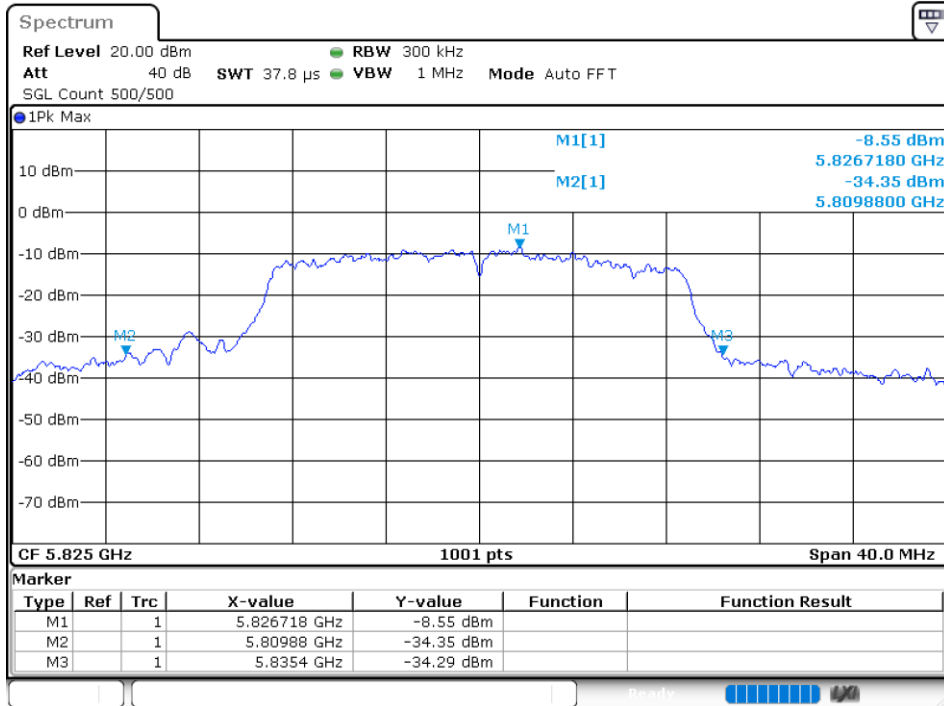
-26 dB BW NVNT 802.11ac20 5785MHz Ant1



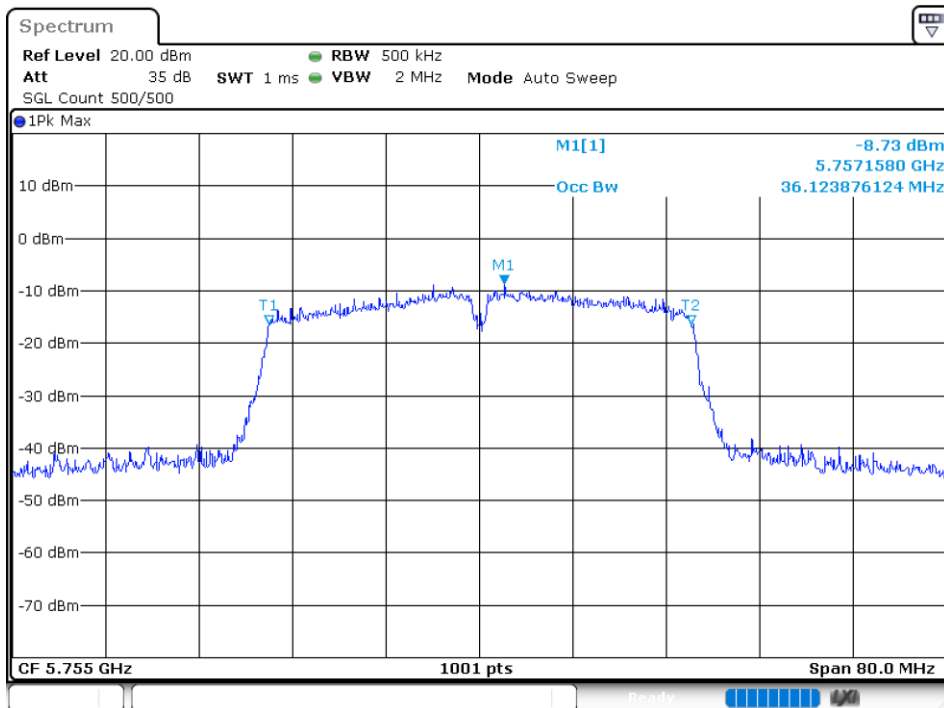
OBW NVNT 802.11ac20 5825MHz Ant1



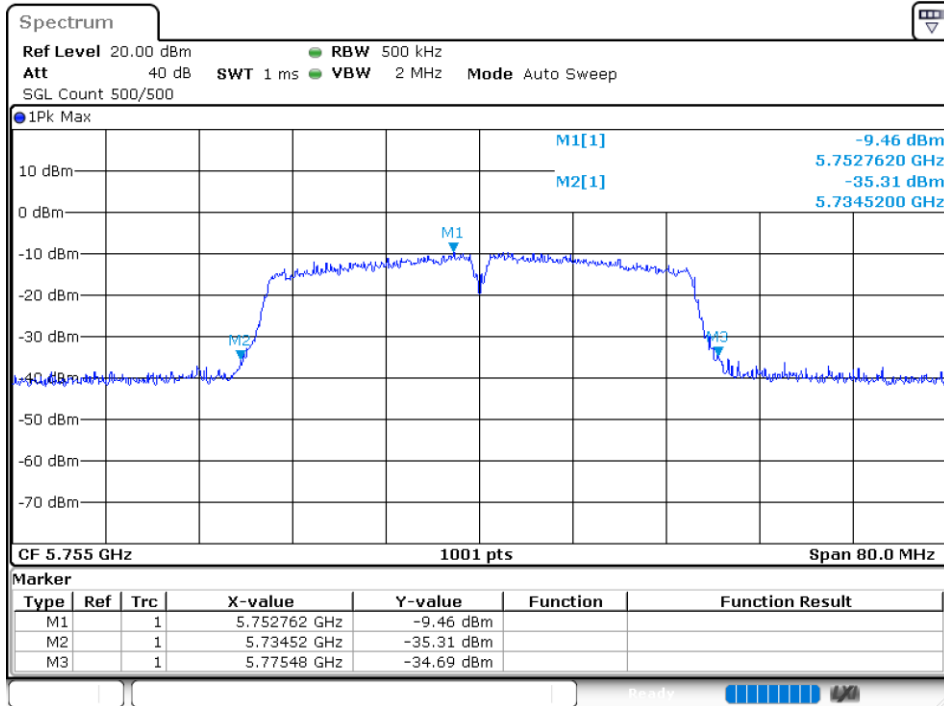
-26 dB BW NVNT 802.11ac20 5825MHz Ant1



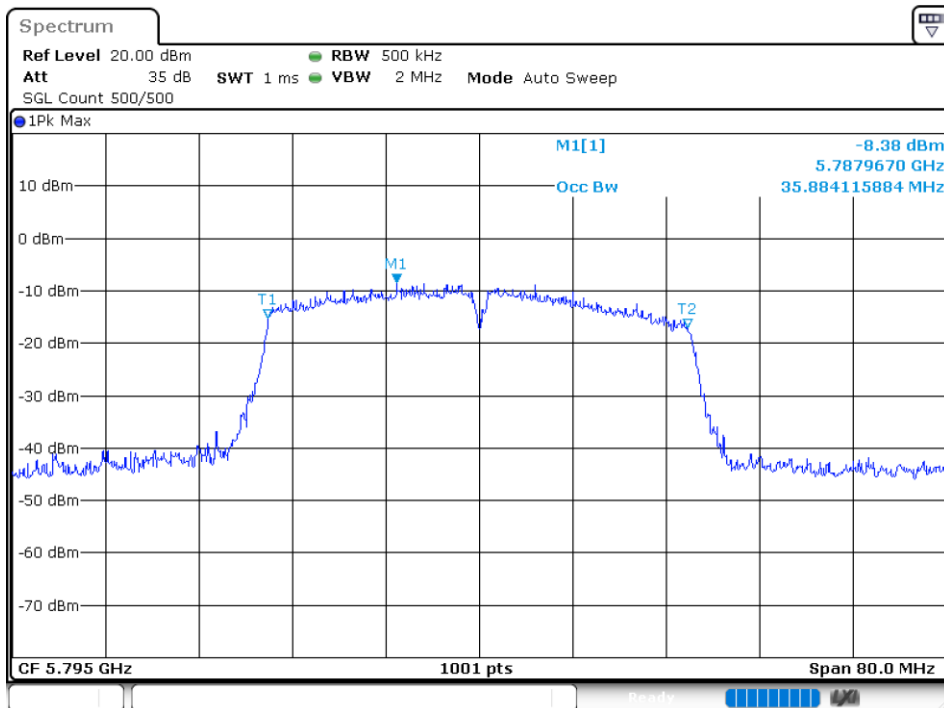
OBW NVNT 802.11ac40 5755MHz Ant1



-26 dB BW NVNT 802.11ac40 5755MHz Ant1

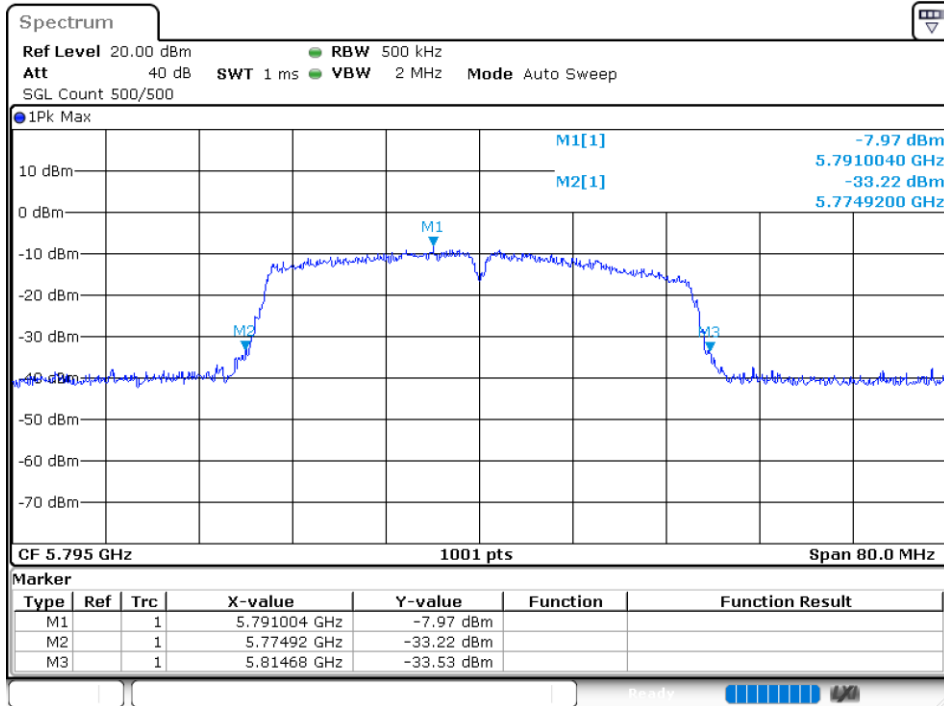


OBW NVNT 802.11ac40 5795MHz Ant1

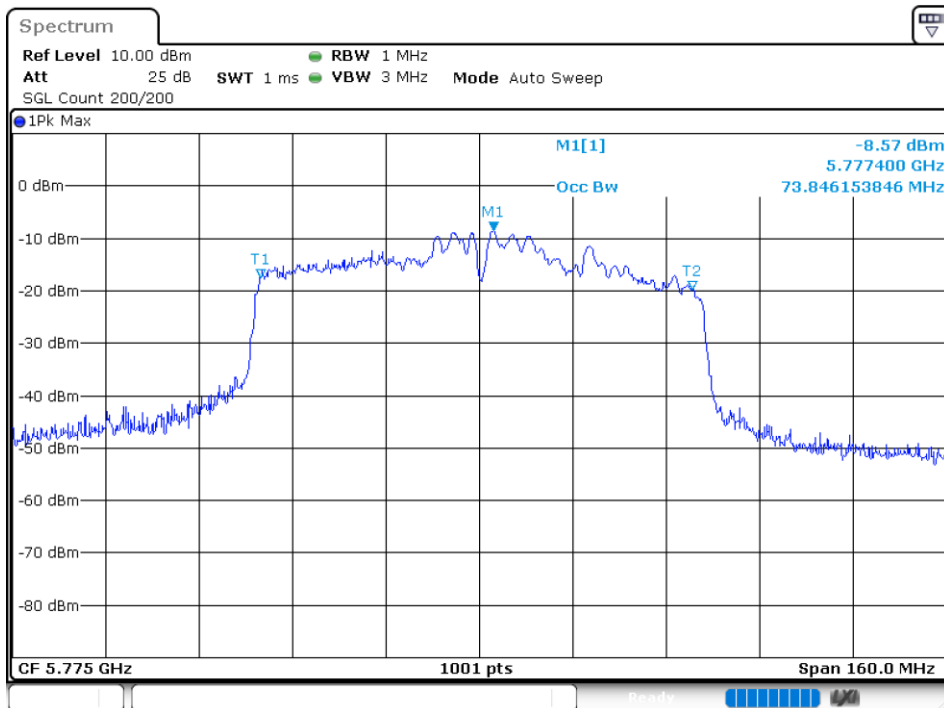


-26 dB BW NVNT 802.11ac40 5795MHz Ant1

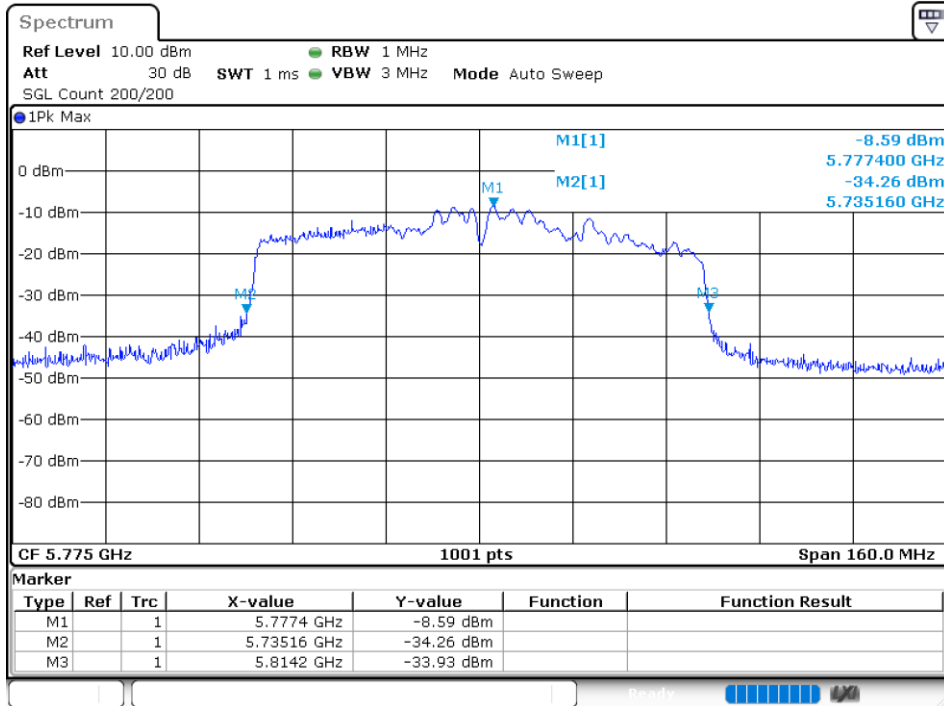




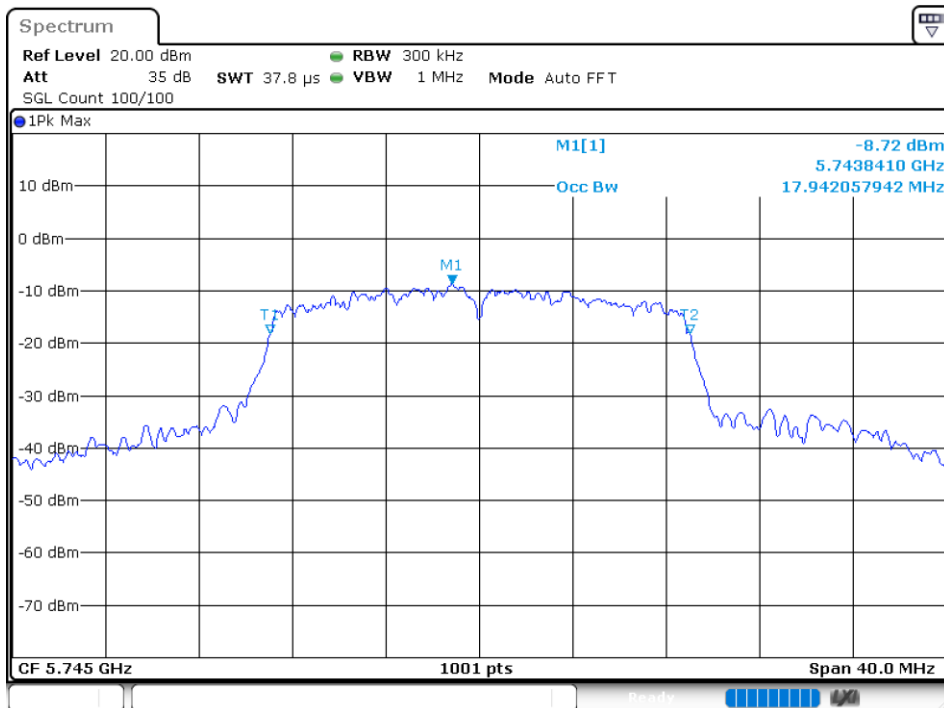
OBW NVNT 802.11ac80 5775MHz Ant1



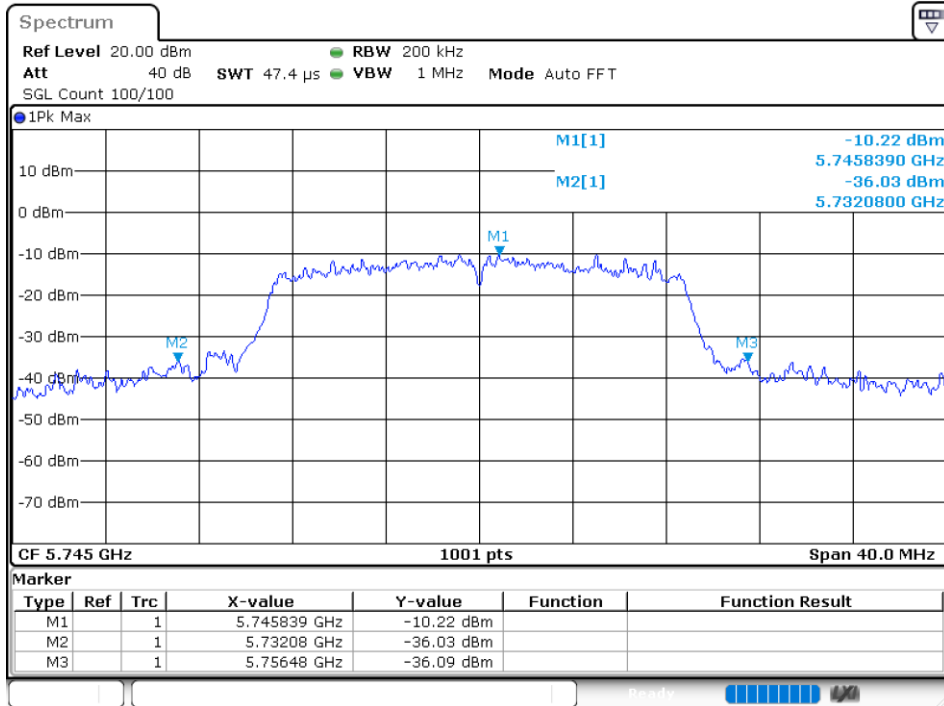
-26 dB BW NVNT 802.11ac80 5775MHz Ant1



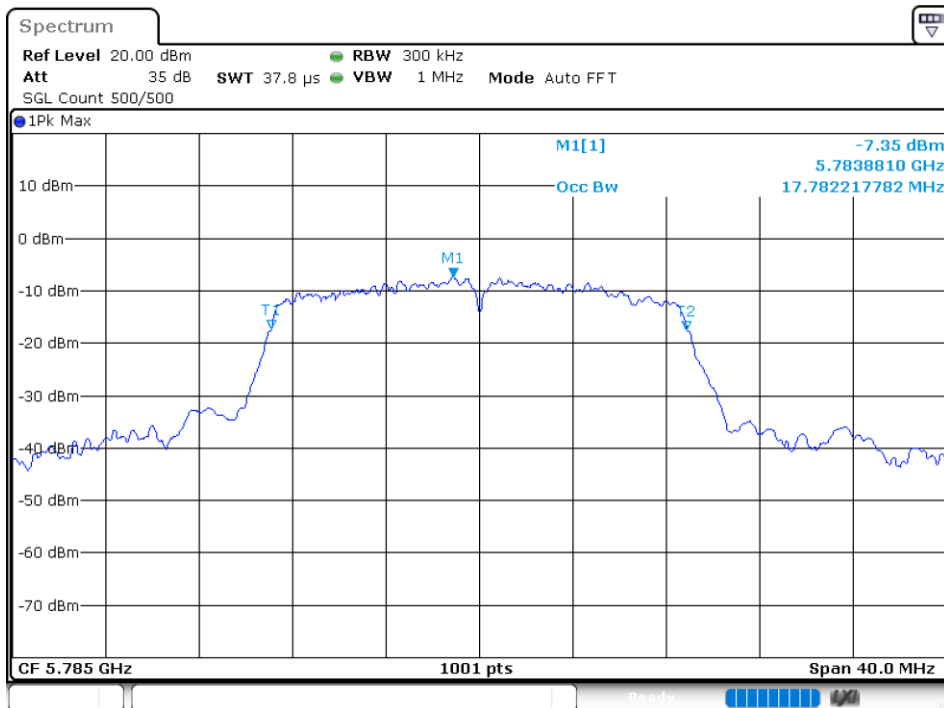
OBW NVNT 802.11n(HT20) 5745MHz Ant1



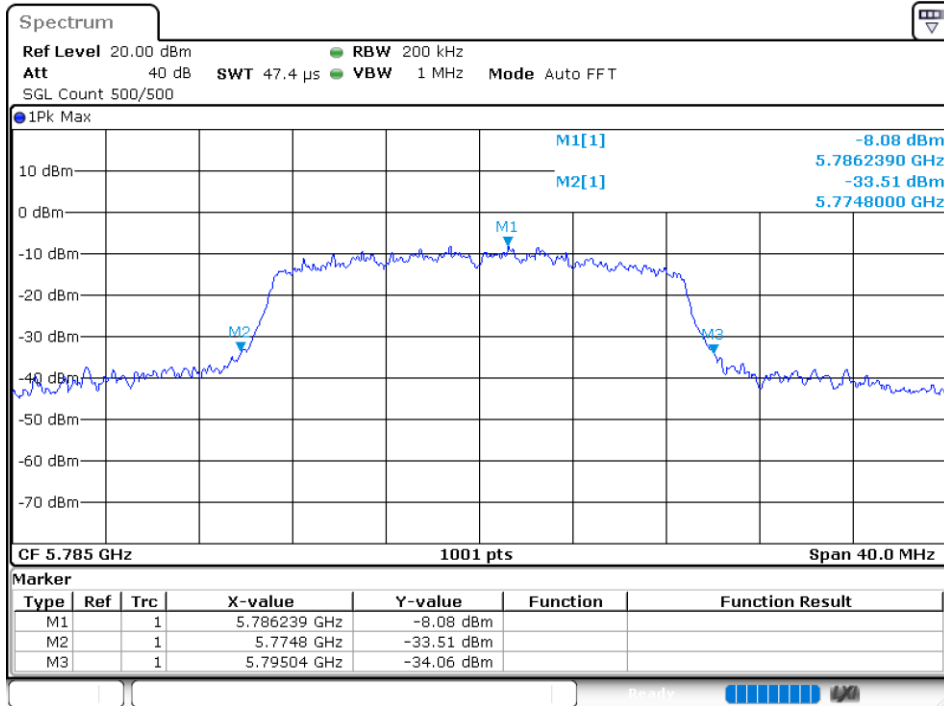
-26 dB BW NVNT 802.11n(HT20) 5745MHz Ant1



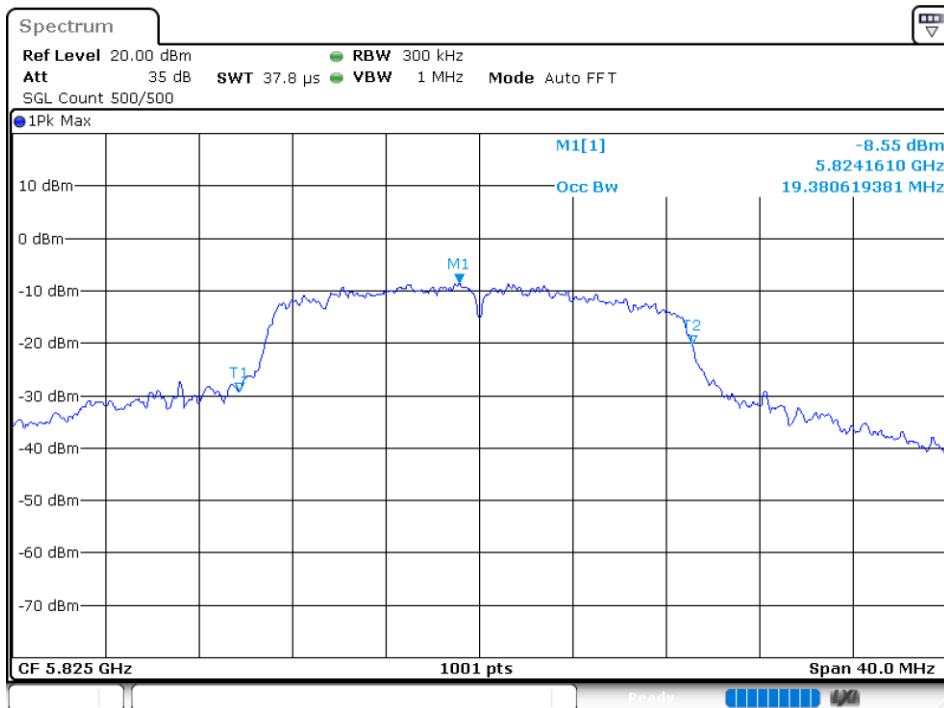
OBW NVNT 802.11n(HT20) 5785MHz Ant1



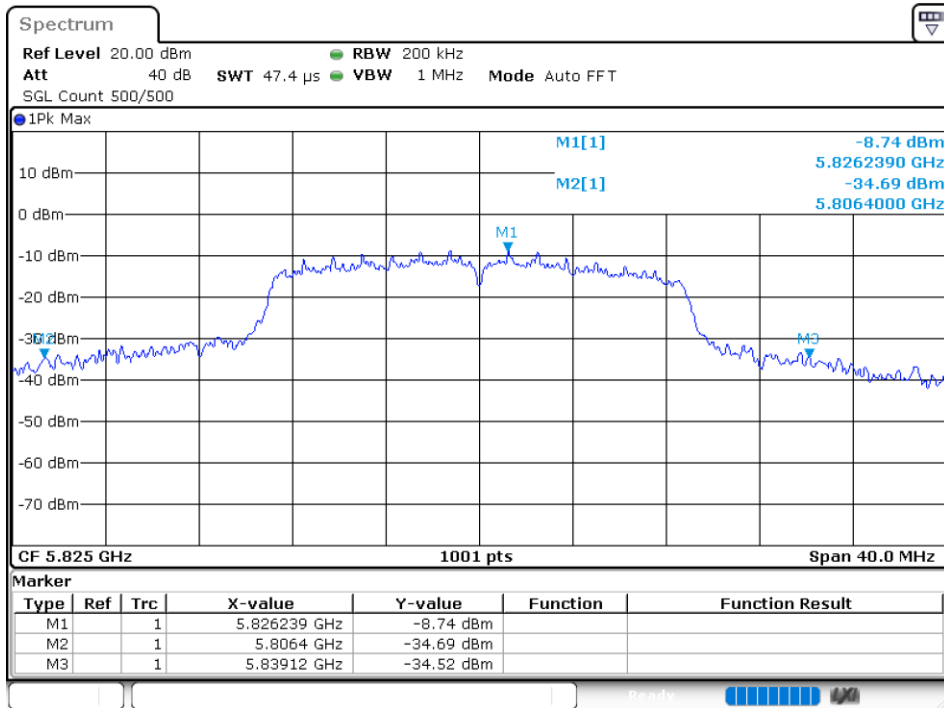
-26 dB BW NVNT 802.11n(HT20) 5785MHz Ant1



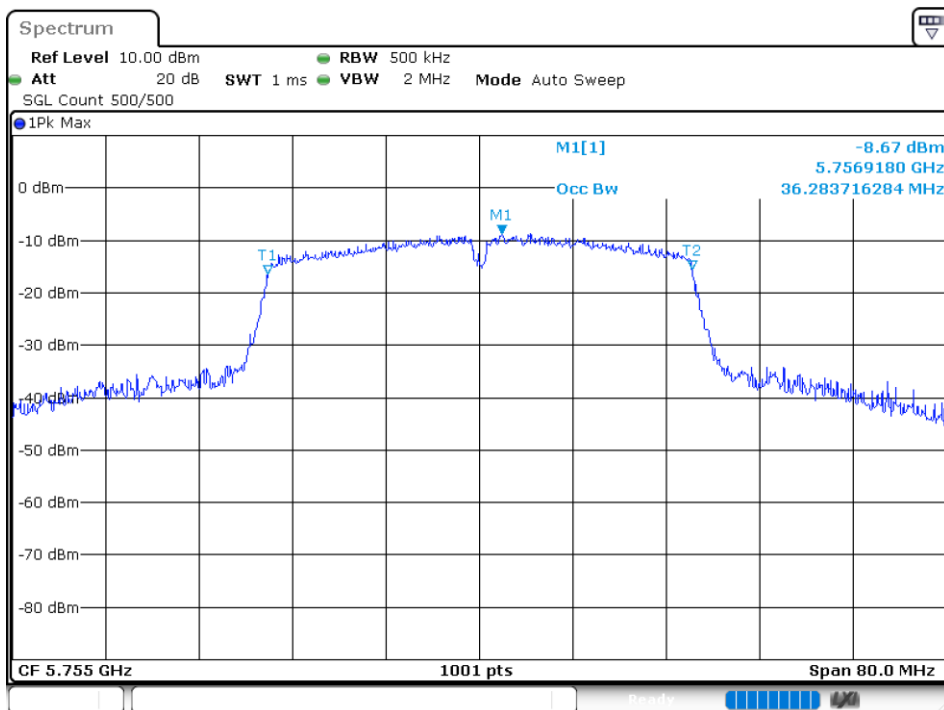
OBW NVNT 802.11n(HT20) 5825MHz Ant1



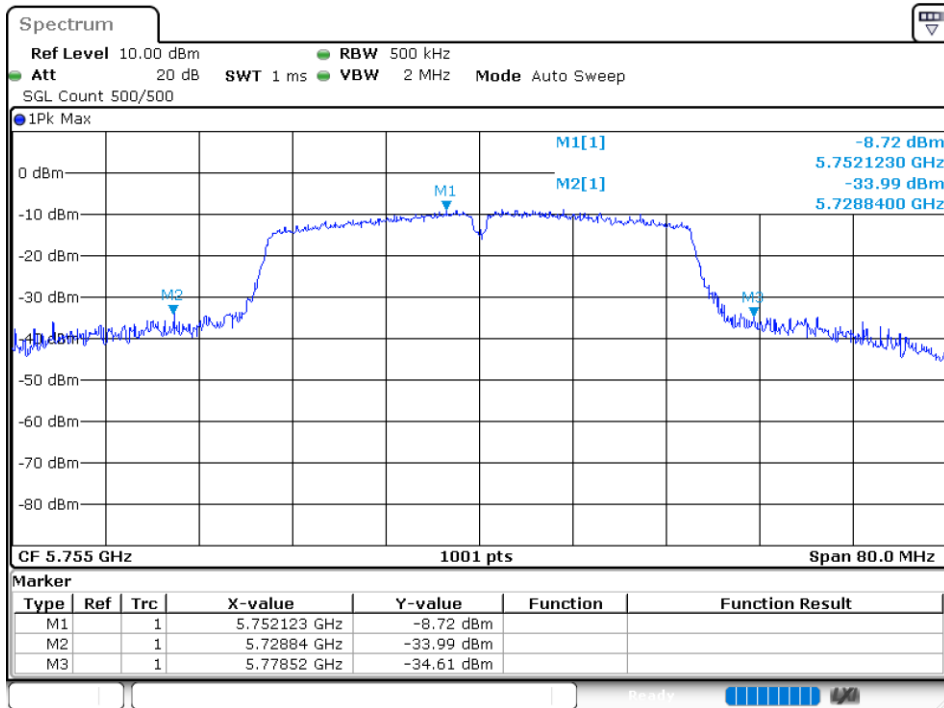
-26 dB BW NVNT 802.11n(HT20) 5825MHz Ant1



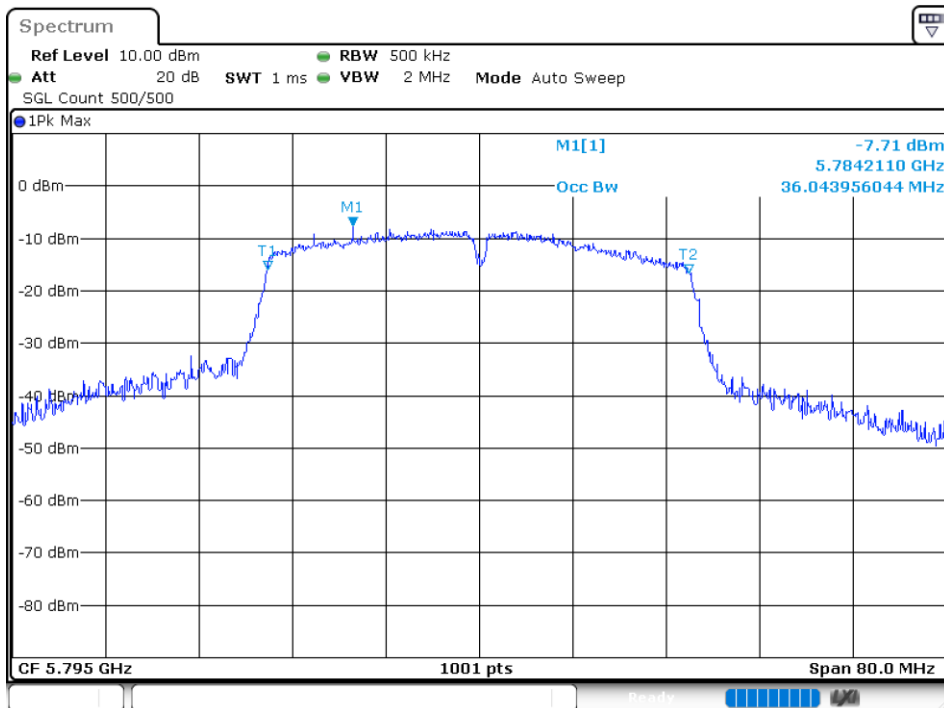
OBW NVNT 802.11n(HT40) 5755MHz Ant1



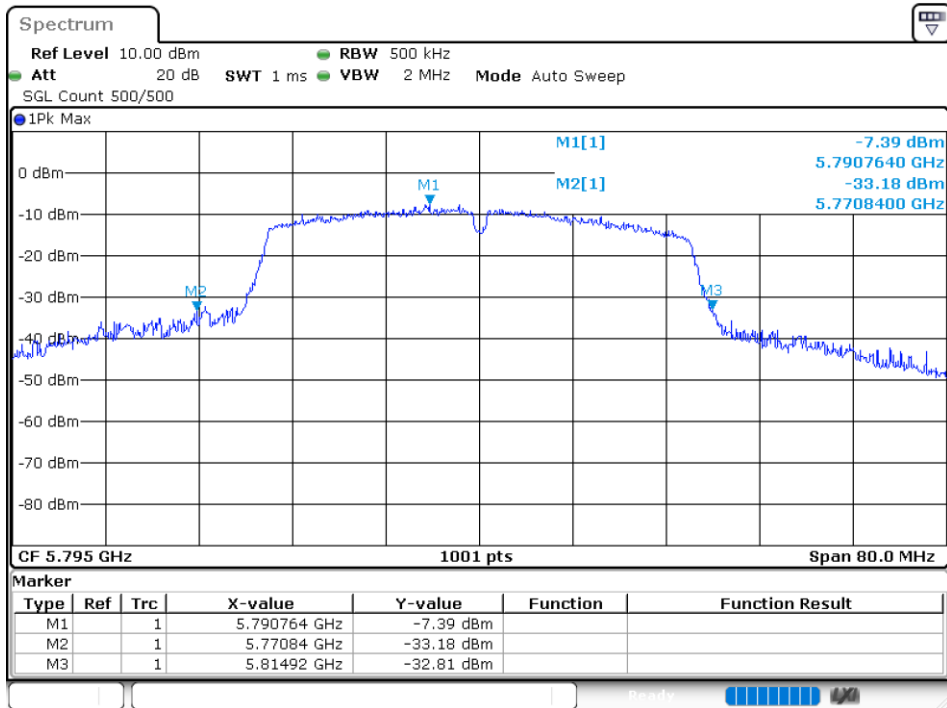
-26 dB BW NVNT 802.11n(HT40) 5755MHz Ant1



OBW NVNT 802.11n(HT40) 5795MHz Ant1



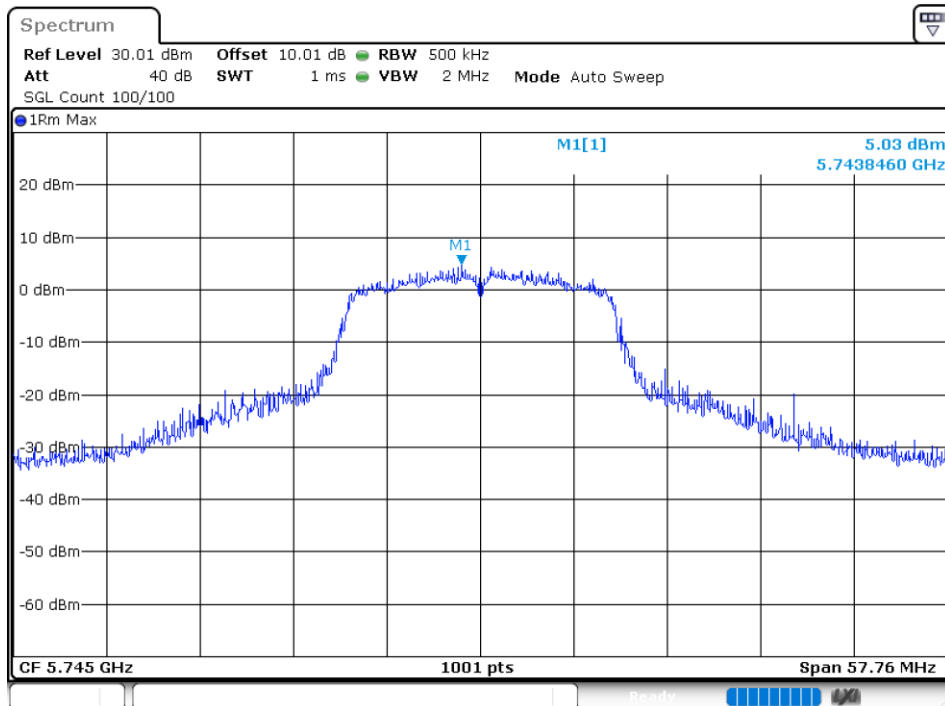
-26 dB BW NVNT 802.11n(HT40) 5795MHz Ant1



**Maximum Power Spectral Density Level**

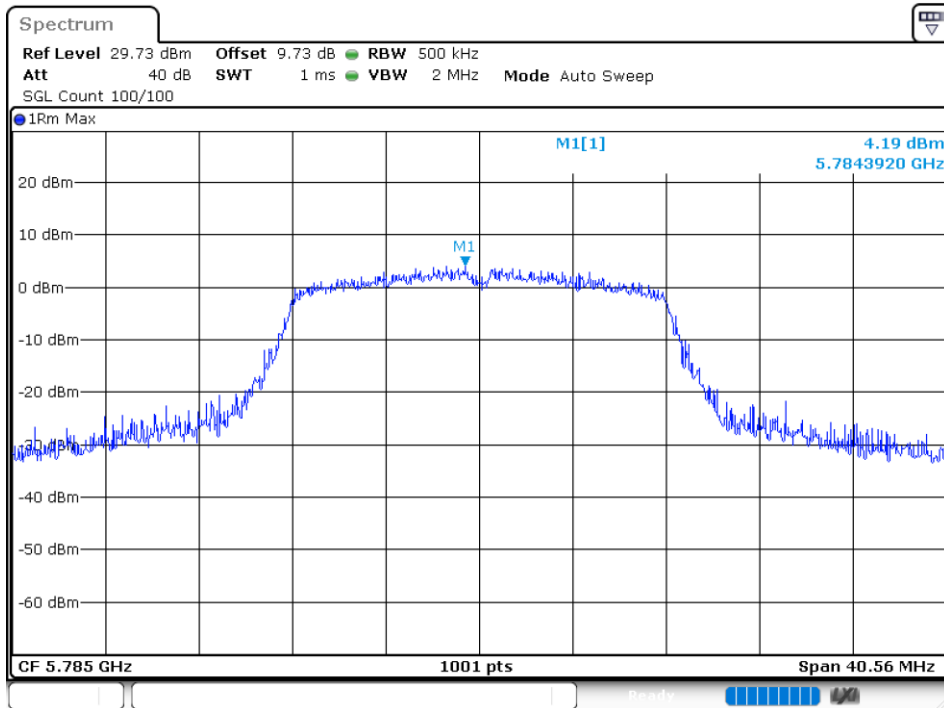
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	5.033	0	5.033	30	Pass
NVNT	802.11a	5785	Ant 1	4.192	0	4.192	30	Pass
NVNT	802.11a	5825	Ant 1	4.114	0	4.114	30	Pass
NVNT	802.11ac20	5745	Ant 1	3.005	0	3.005	30	Pass
NVNT	802.11ac20	5785	Ant 1	3.638	0.03	3.668	30	Pass
NVNT	802.11ac20	5825	Ant 1	3.525	0	3.525	30	Pass
NVNT	802.11ac40	5755	Ant 1	-0.704	0.39	-0.314	30	Pass
NVNT	802.11ac40	5795	Ant 1	1.288	0.39	1.678	30	Pass
NVNT	802.11ac80	5775	Ant 1	-2.988	0	-2.988	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	3.161	0	3.161	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	4.62	0	4.62	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	3.44	0	3.44	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	0.044	0	0.044	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	1.451	0	1.451	30	Pass

PSD NVNT 802.11a 5745MHz Ant1

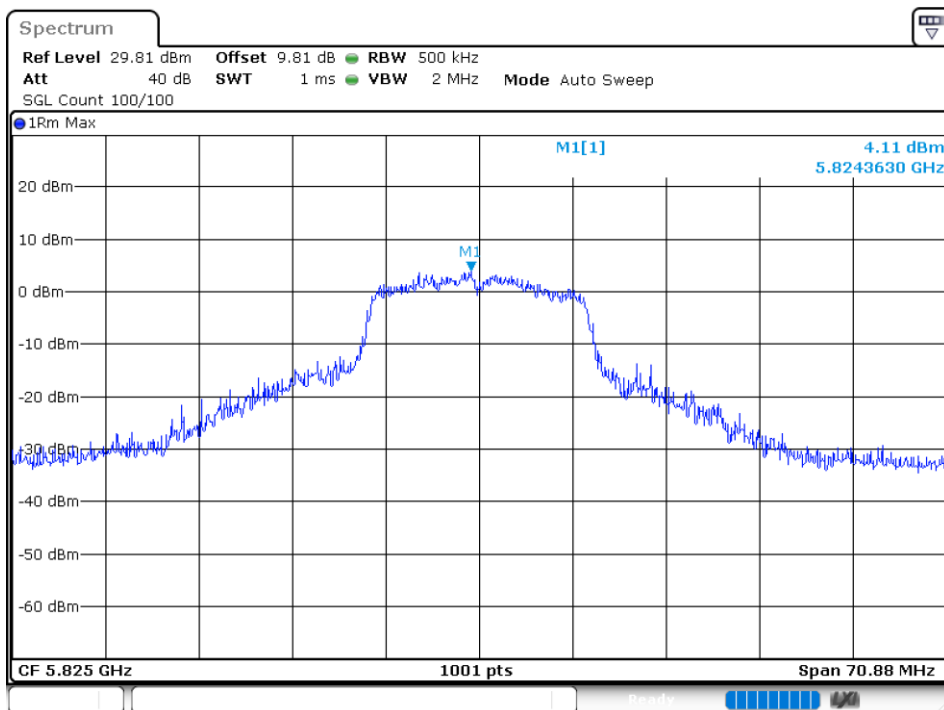


PSD NVNT 802.11a 5785MHz Ant1

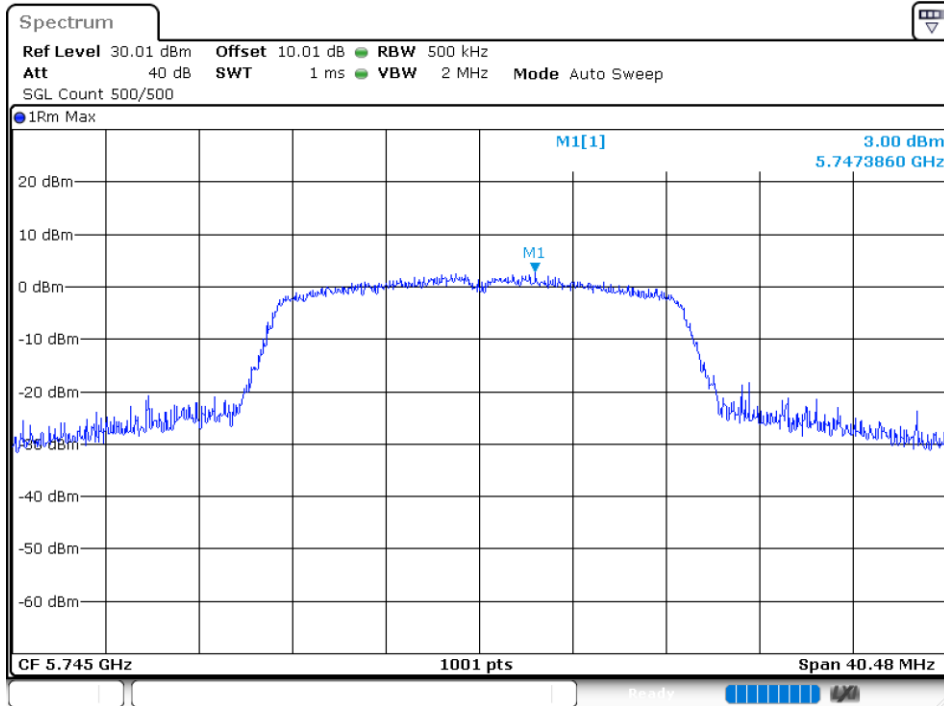




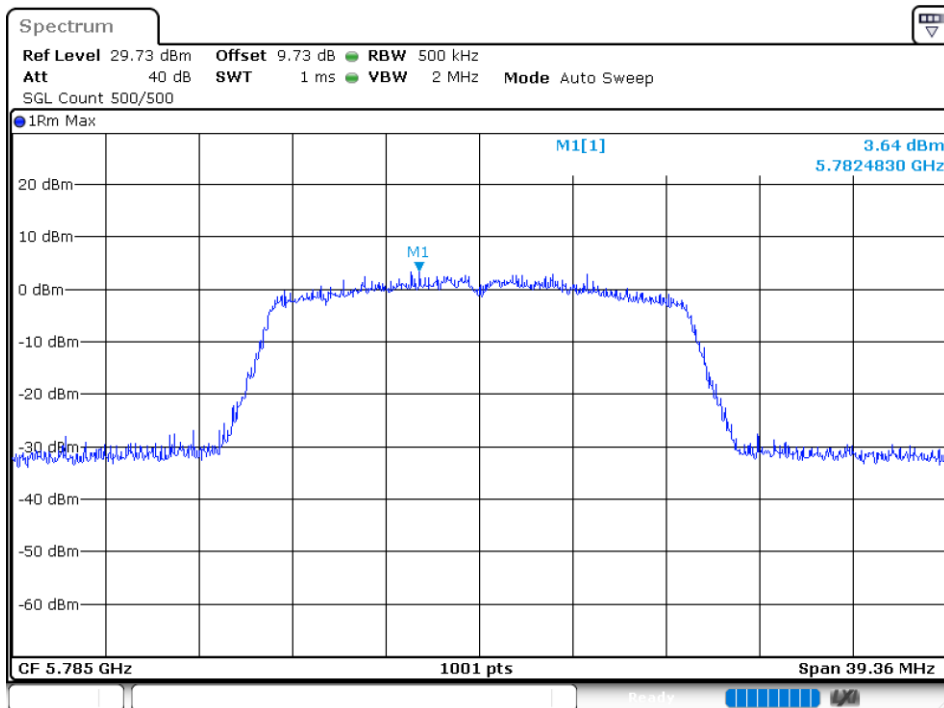
PSD NVNT 802.11a 5825MHz Ant1



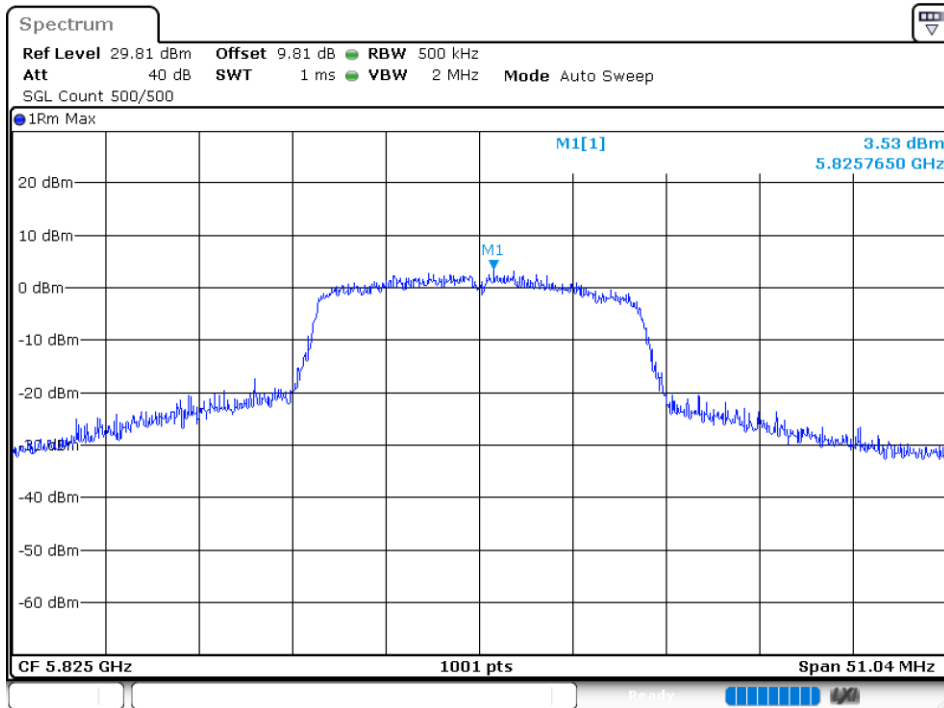
PSD NVNT 802.11ac20 5745MHz Ant1



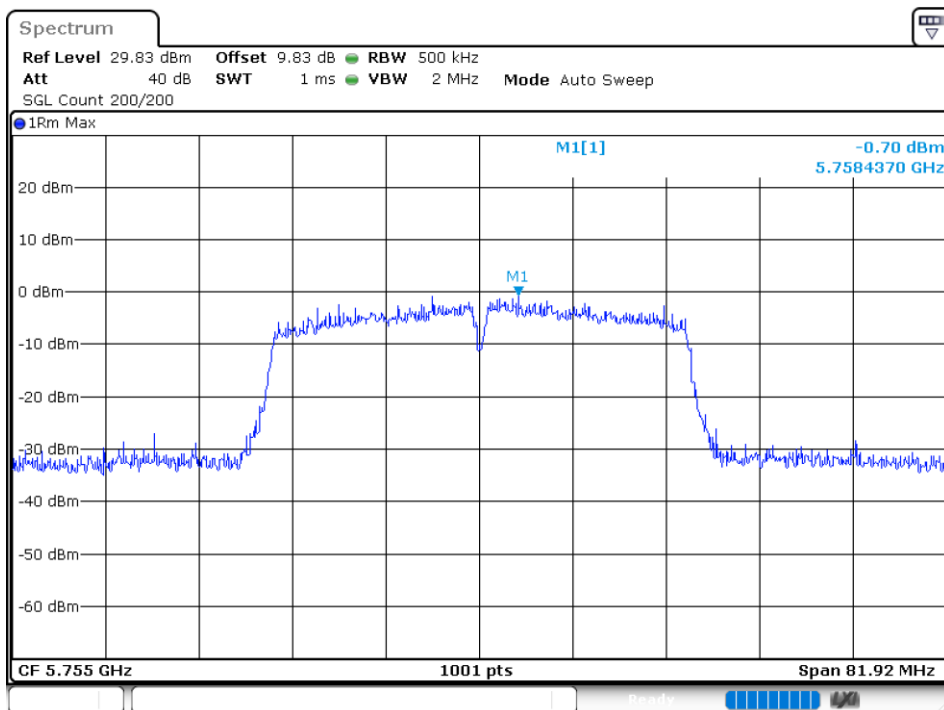
PSD NVNT 802.11ac20 5785MHz Ant1



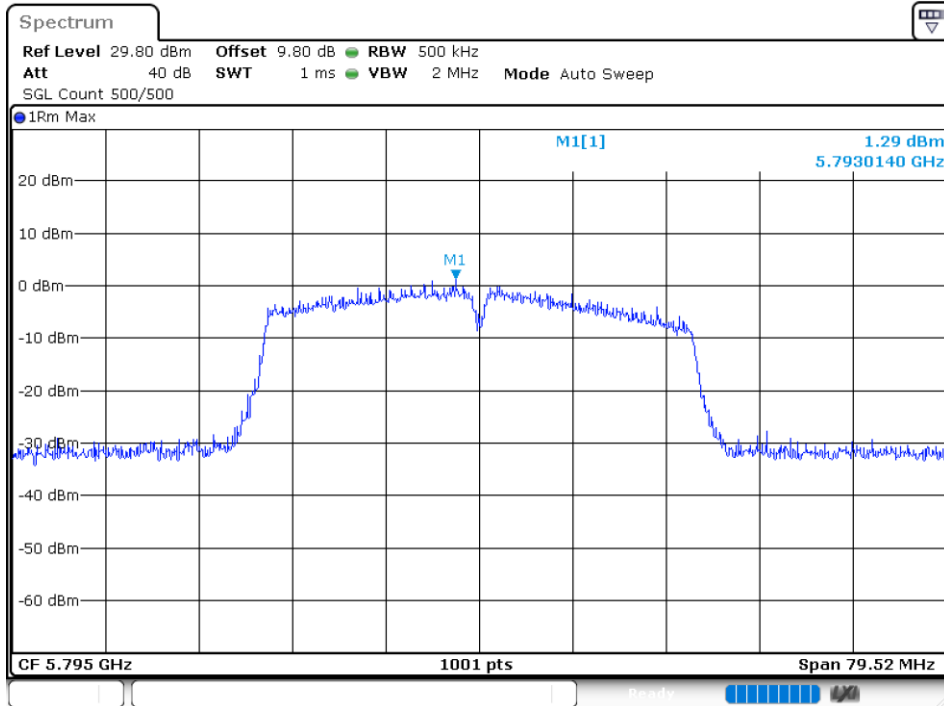
PSD NVNT 802.11ac20 5825MHz Ant1



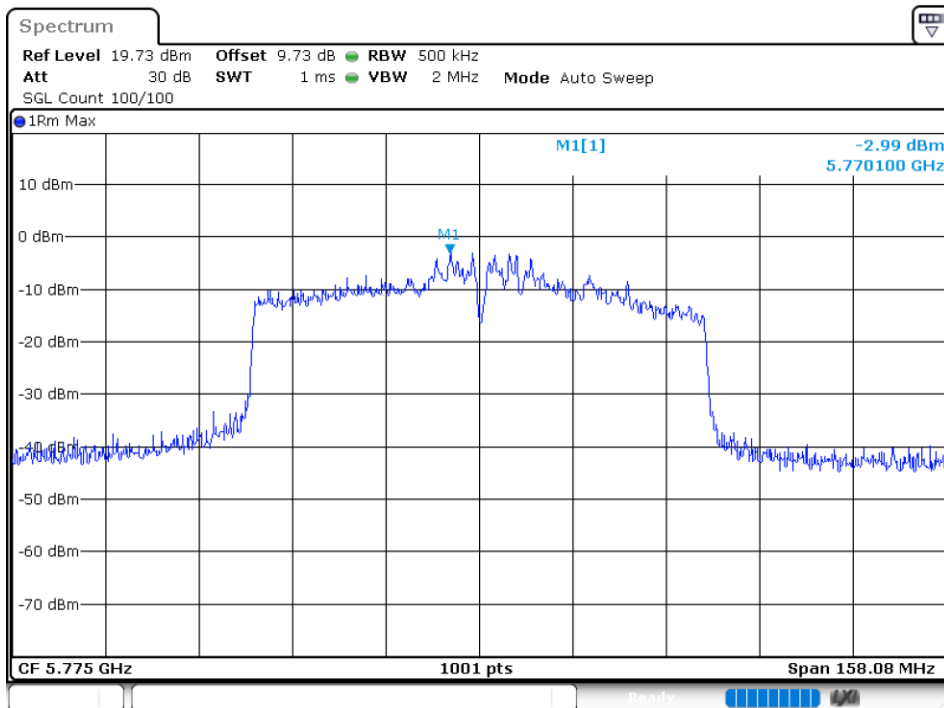
PSD NVNT 802.11ac40 5755MHz Ant1



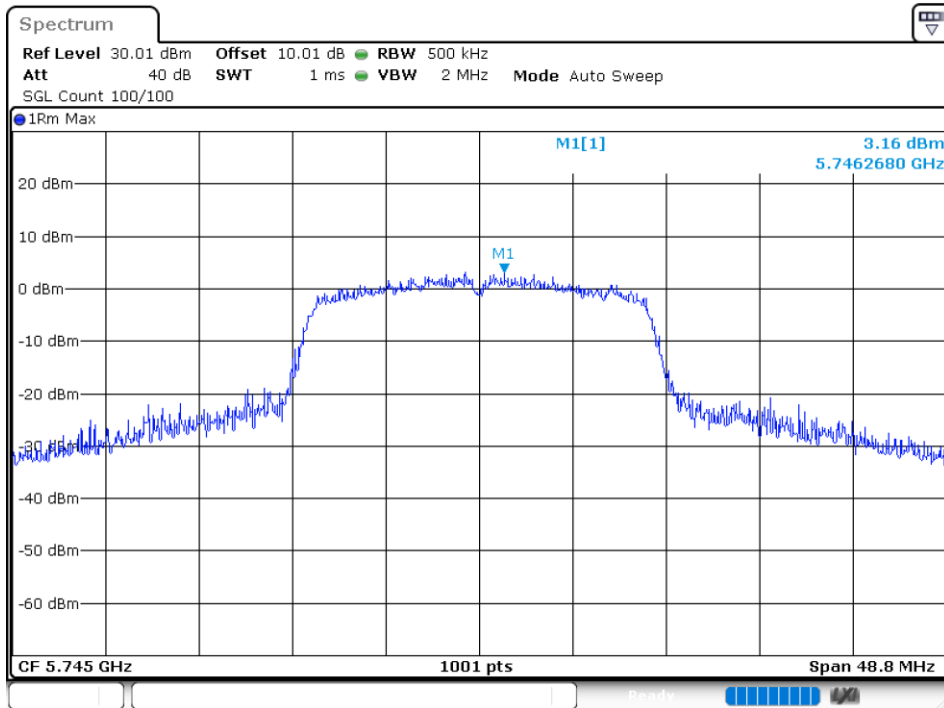
PSD NVNT 802.11ac40 5795MHz Ant1



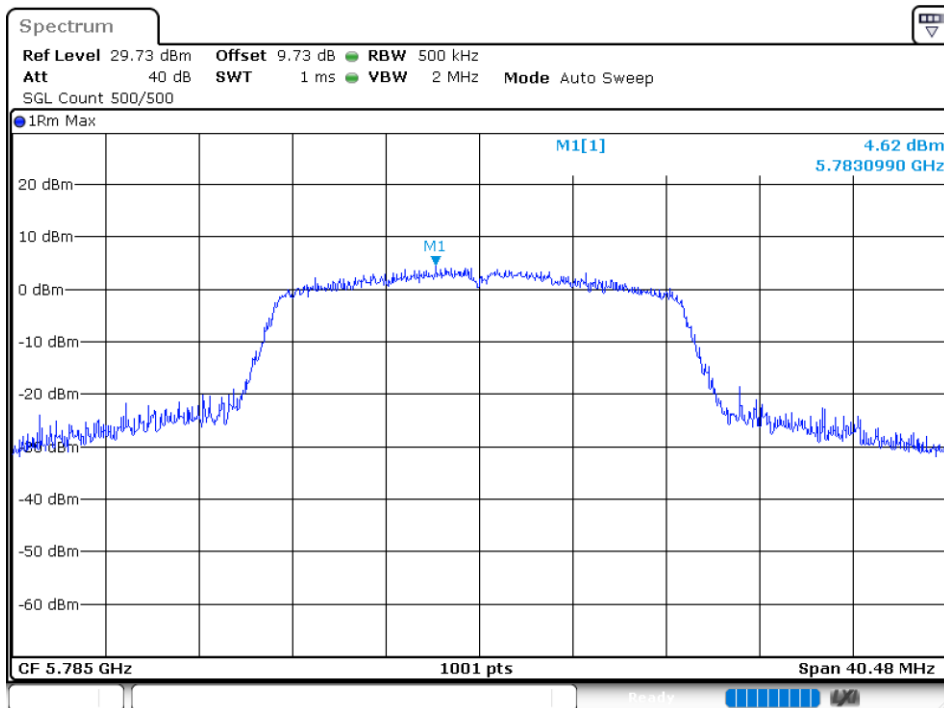
PSD NVNT 802.11ac80 5775MHz Ant1



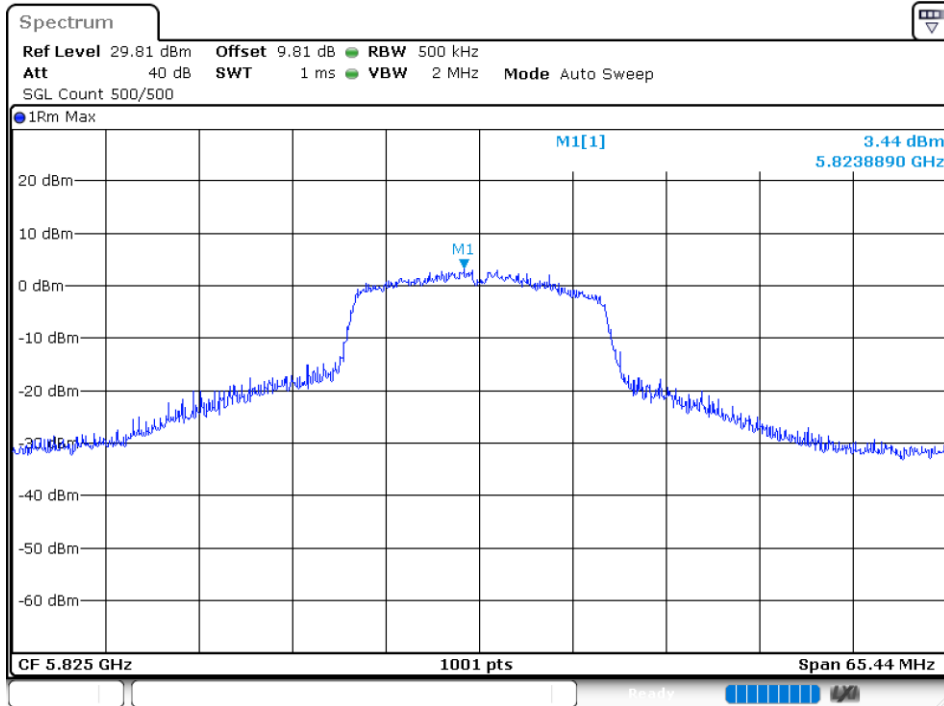
PSD NVNT 802.11n(HT20) 5745MHz Ant1



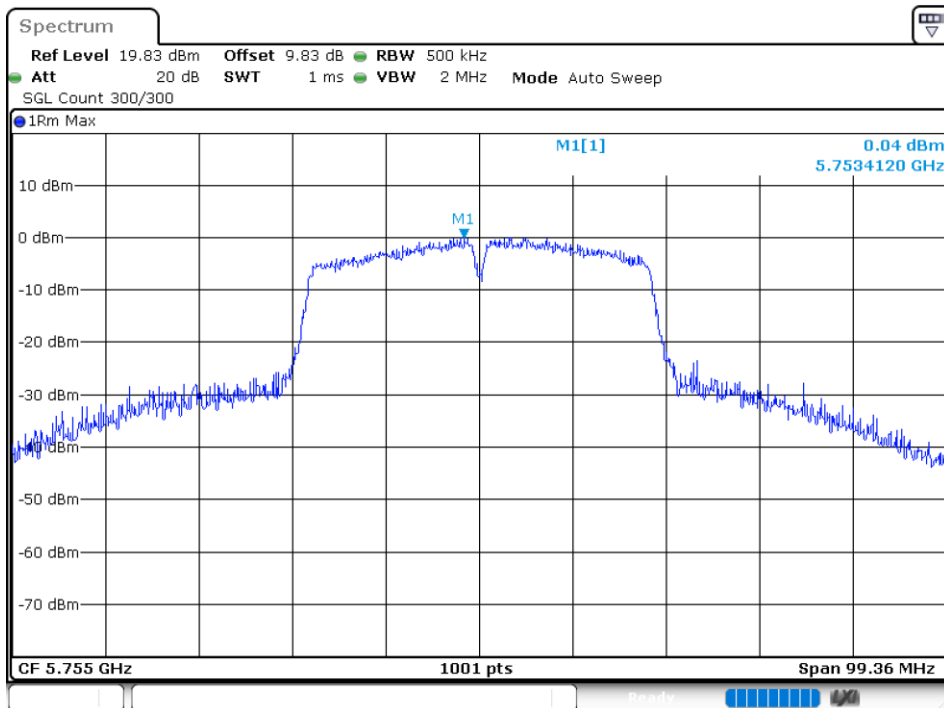
PSD NVNT 802.11n(HT20) 5785MHz Ant1



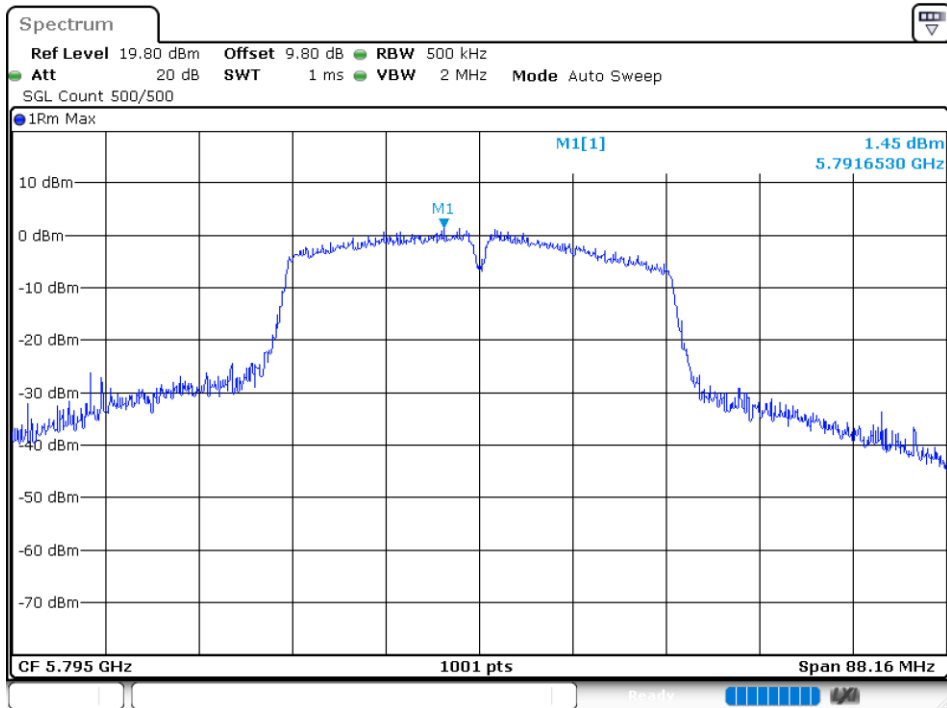
PSD NVNT 802.11n(HT20) 5825MHz Ant1



PSD NVNT 802.11n(HT40) 5755MHz Ant1



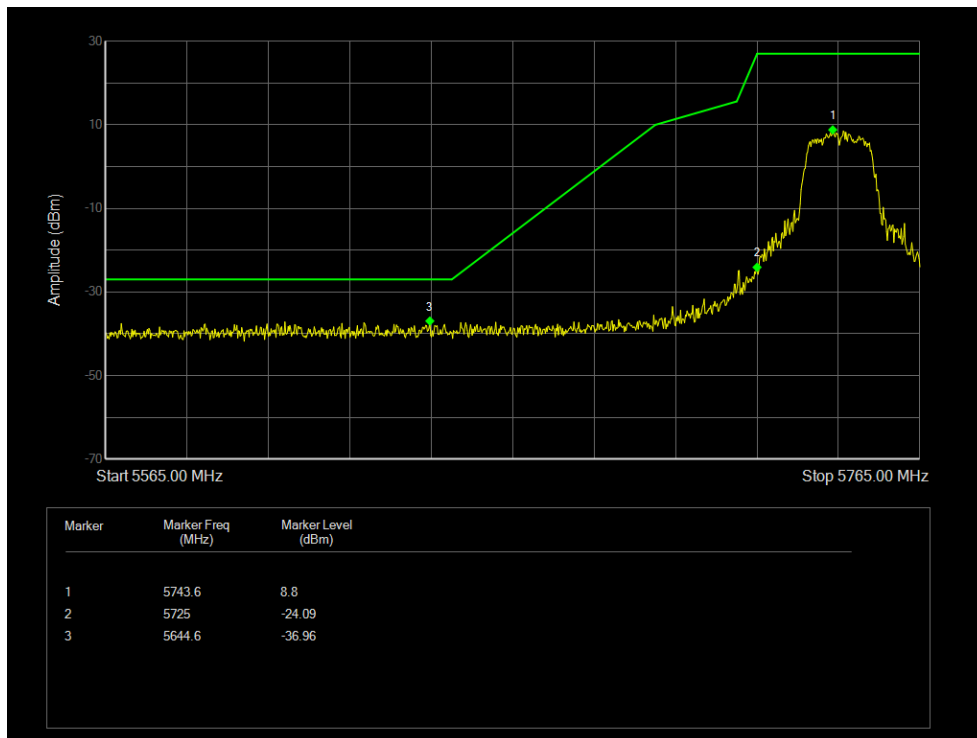
PSD NVNT 802.11n(HT40) 5795MHz Ant1



**Band Edge**

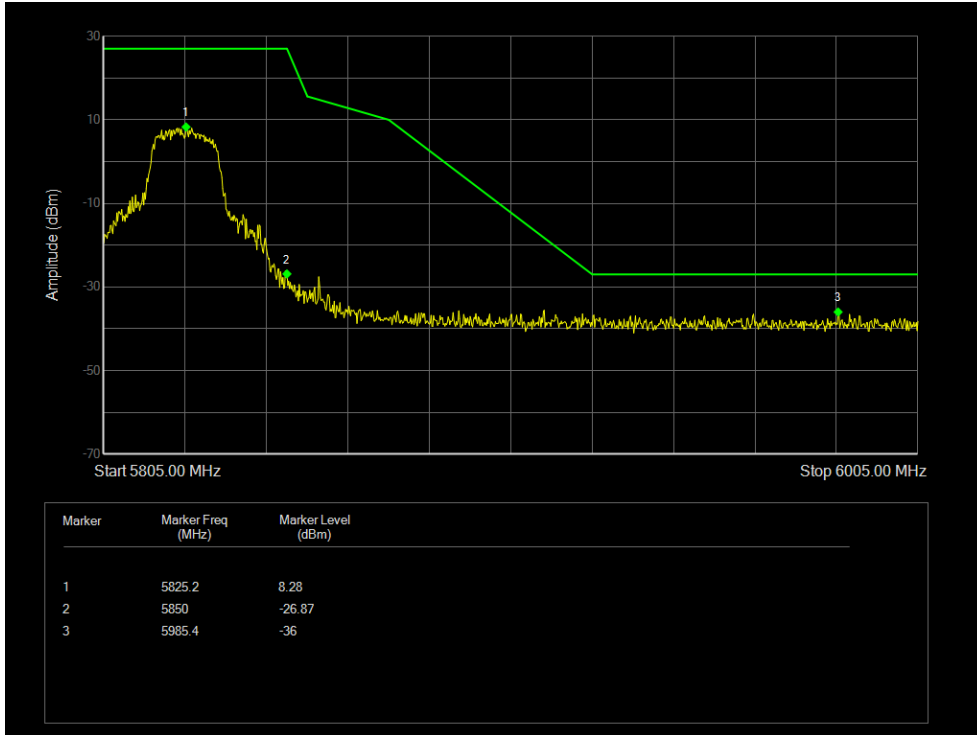
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-36.96	-27	Pass
NVNT	802.11a	5825	Ant 1	-36	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-36.74	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-36.35	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-37.52	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-36.04	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-38.29	-4.2	Pass
NVNT	802.11ac80	5775	Ant 1	-37.8	-23.15	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-36.72	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-36.03	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-37.26	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-36.27	-27	Pass

Band Edge NVNT 802.11a 5745MHz Low Ant1

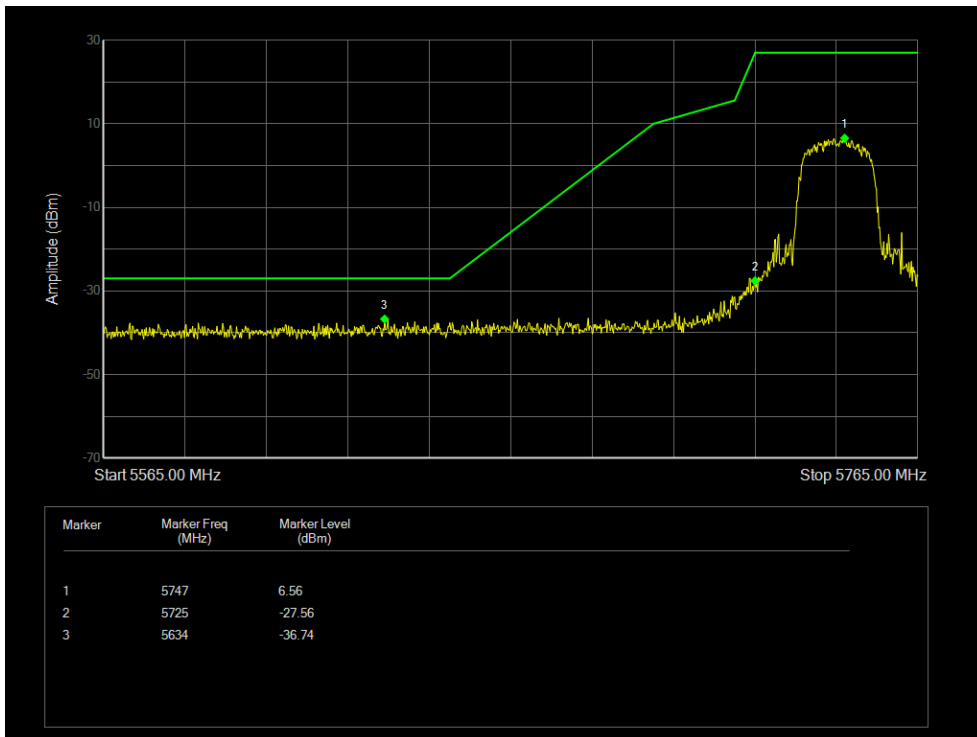


Band Edge NVNT 802.11a 5825MHz High Ant1

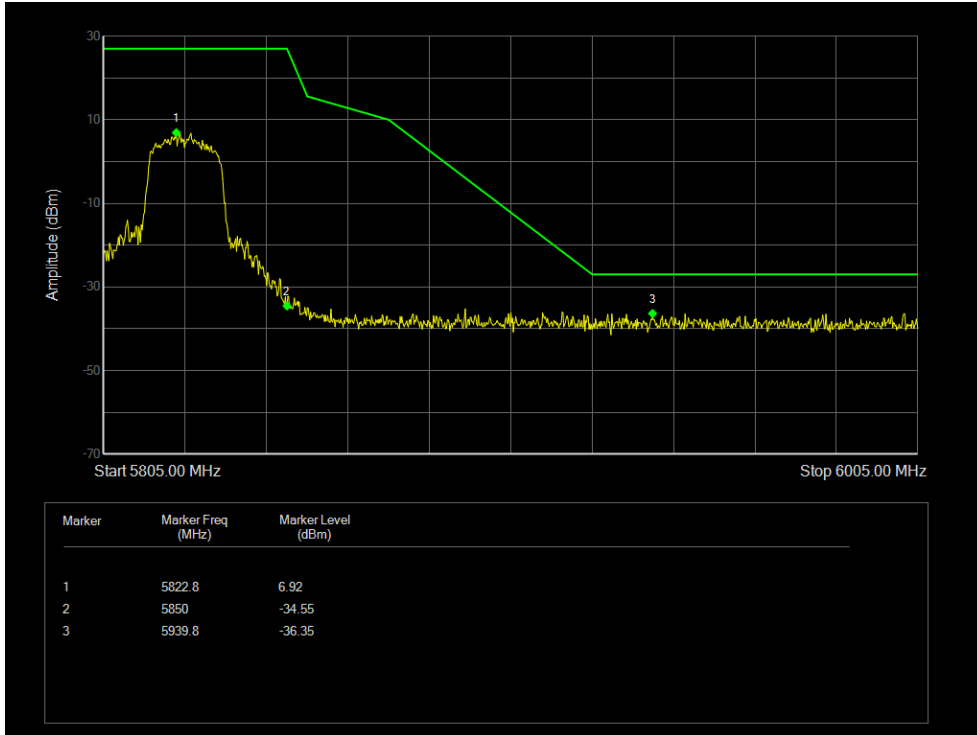




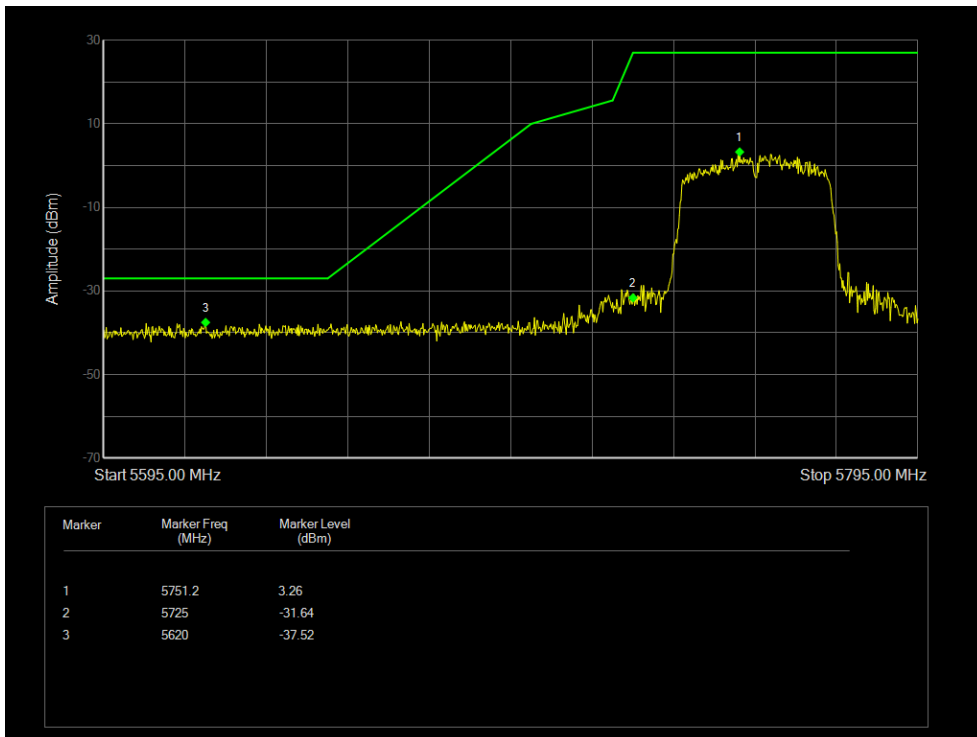
Band Edge NVNT 802.11ac20 5745MHz Low Ant1



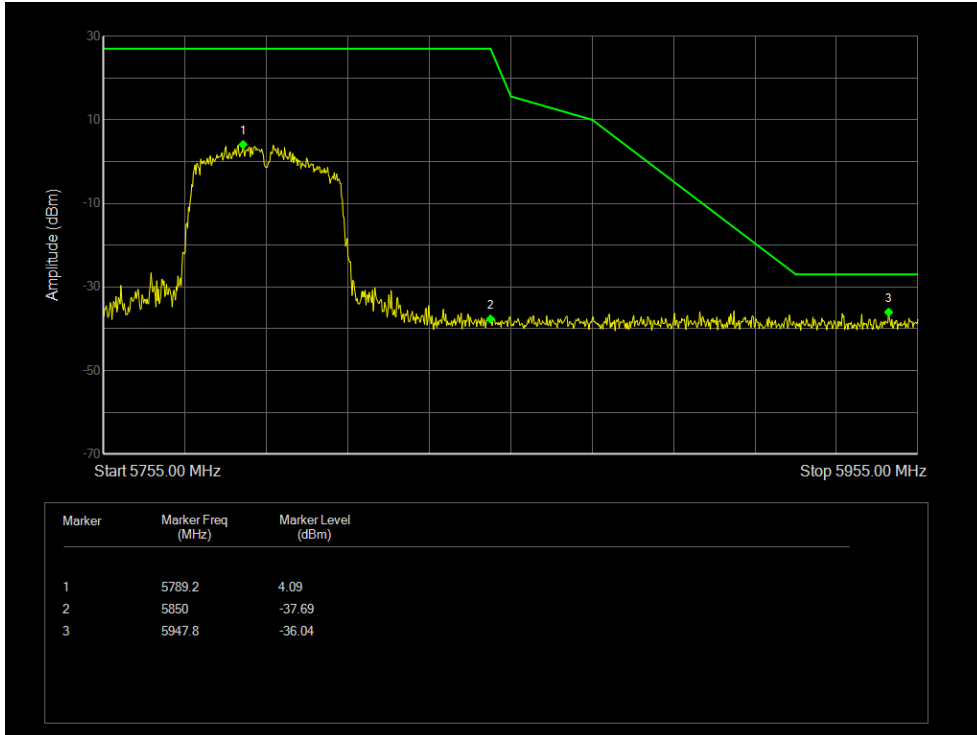
Band Edge NVNT 802.11ac20 5825MHz High Ant1



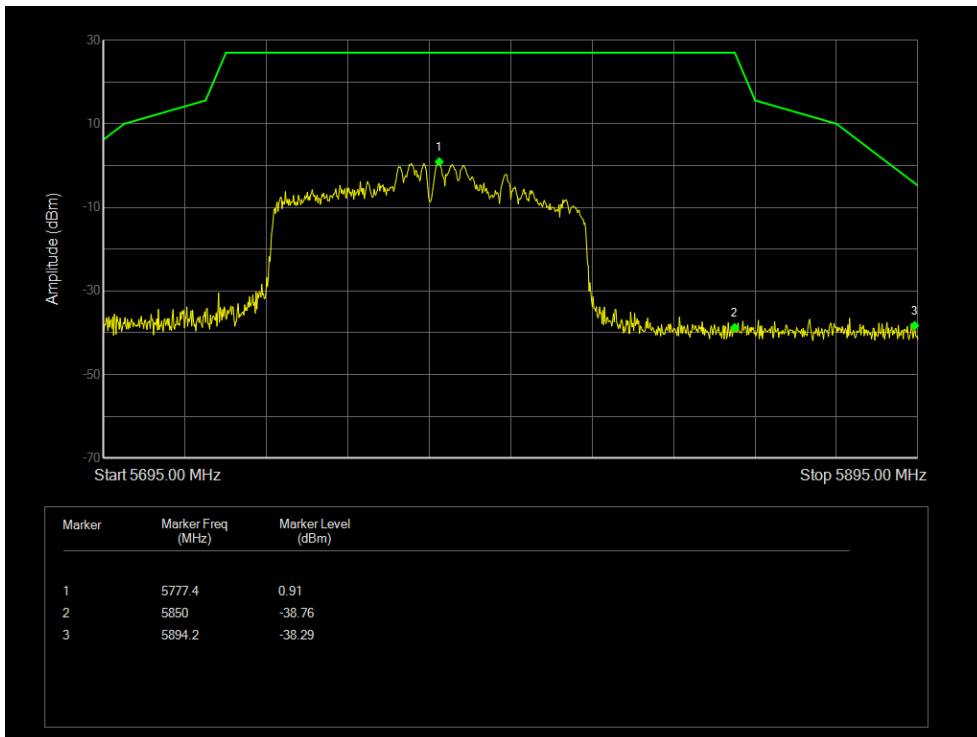
Band Edge NVNT 802.11ac40 5755MHz Low Ant1



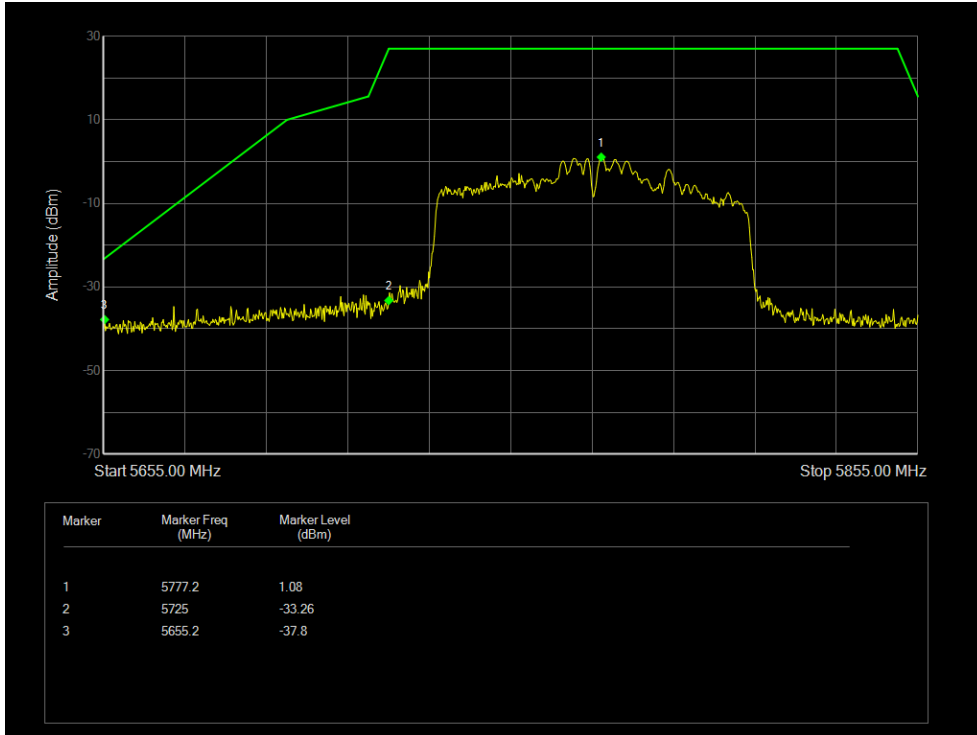
Band Edge NVNT 802.11ac40 5795MHz High Ant1



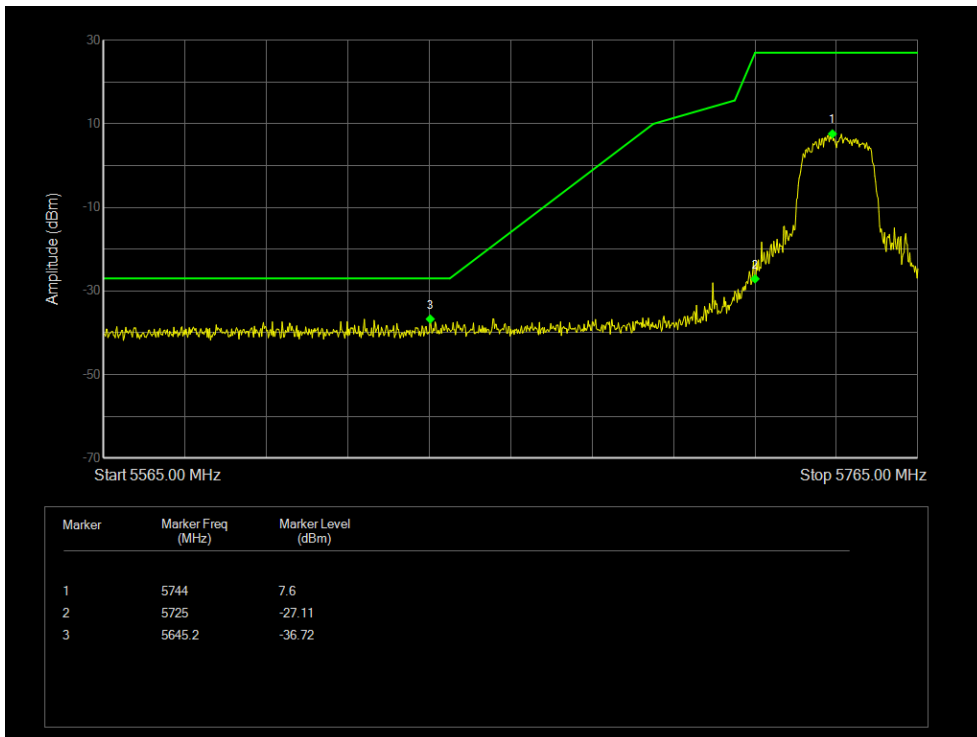
Band Edge NVNT 802.11ac80 5775MHz High Ant1



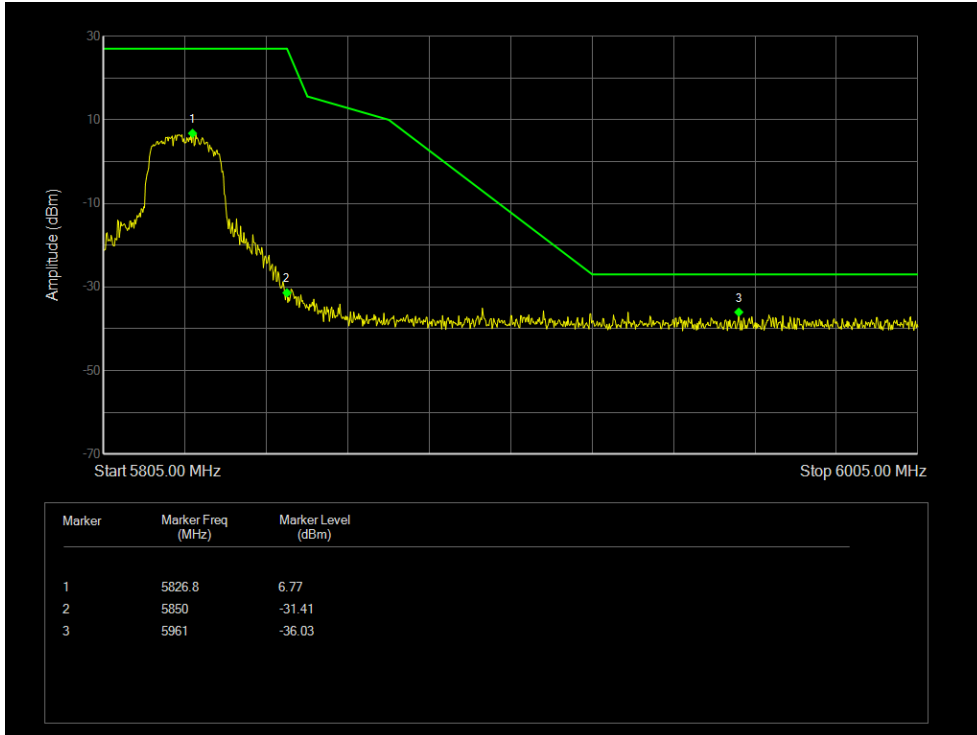
Band Edge NVNT 802.11ac80 5775MHz Low Ant1



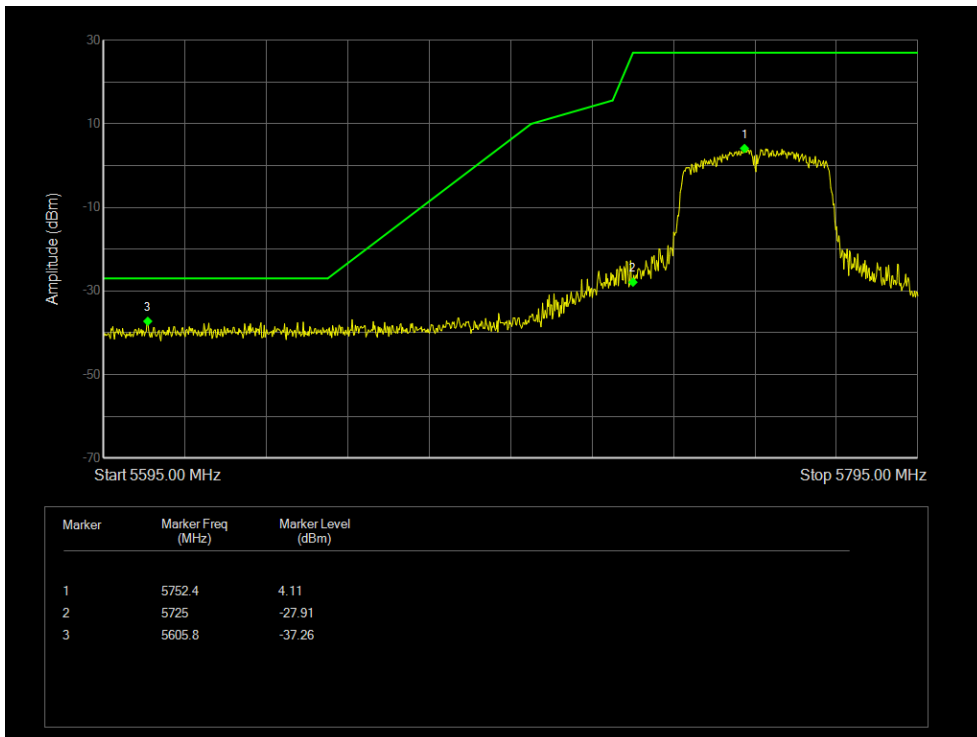
Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant1



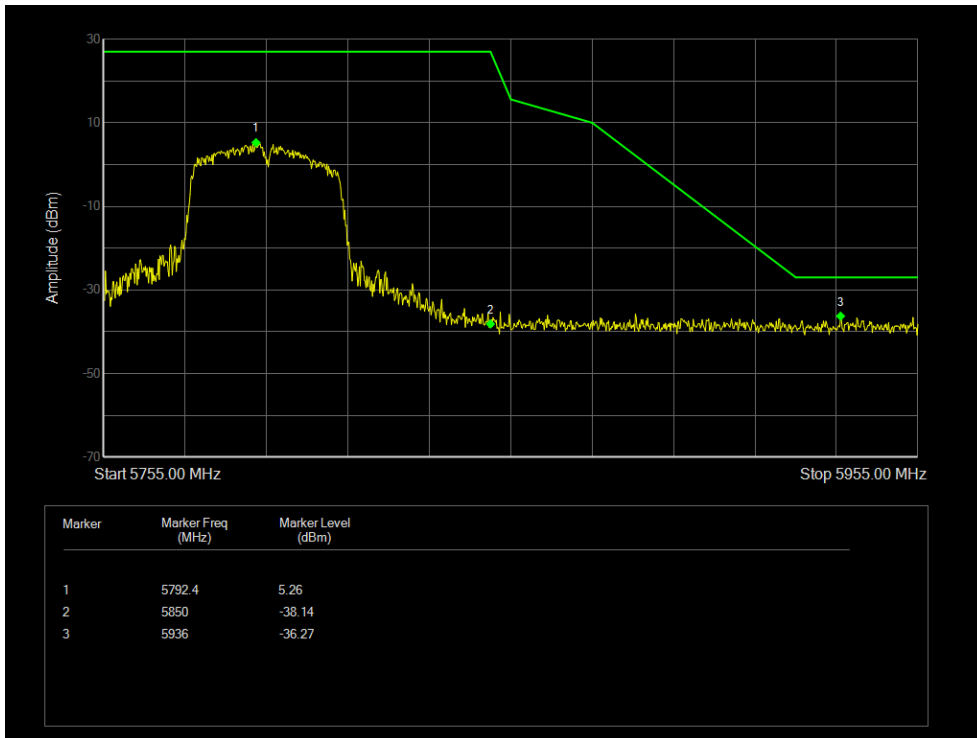
Band Edge NVNT 802.11n(HT20) 5825MHz High Ant1



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



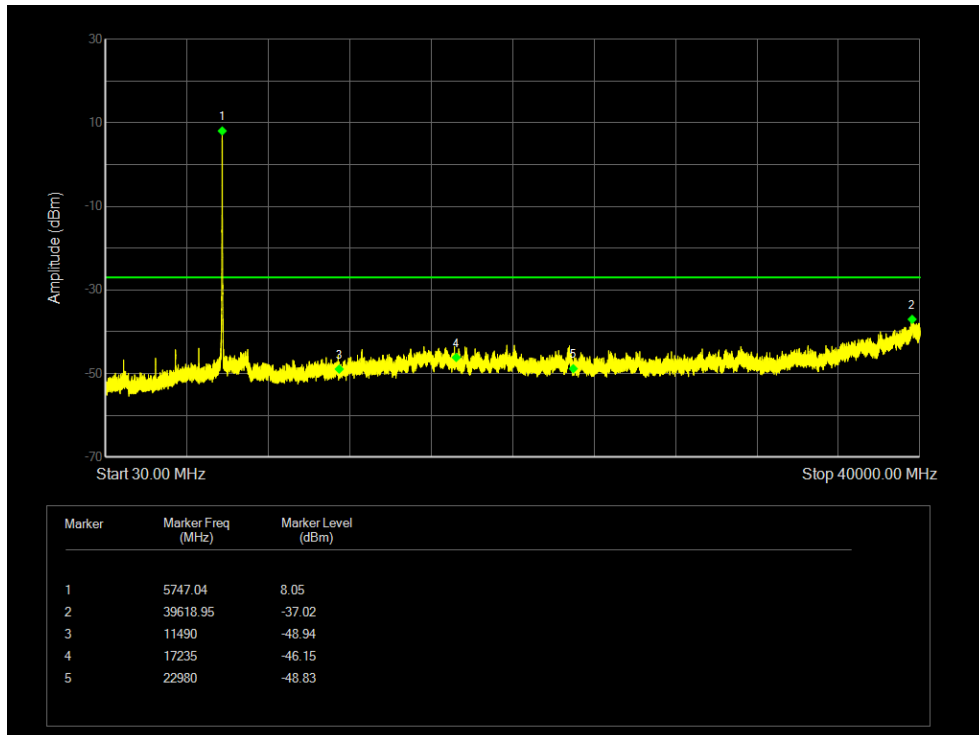
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant1



**Conducted RF Spurious Emission**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5745	Ant 1	-37.02	-27	Pass
NVNT	802.11a	5785	Ant 1	-37.03	-27	Pass
NVNT	802.11a	5825	Ant 1	-37.31	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-36.82	-27	Pass
NVNT	802.11ac20	5785	Ant 1	-36.9	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-37.19	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-37.92	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-37.86	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-36.54	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-37.41	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-37.74	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-37.44	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-37.17	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-37.18	-27	Pass

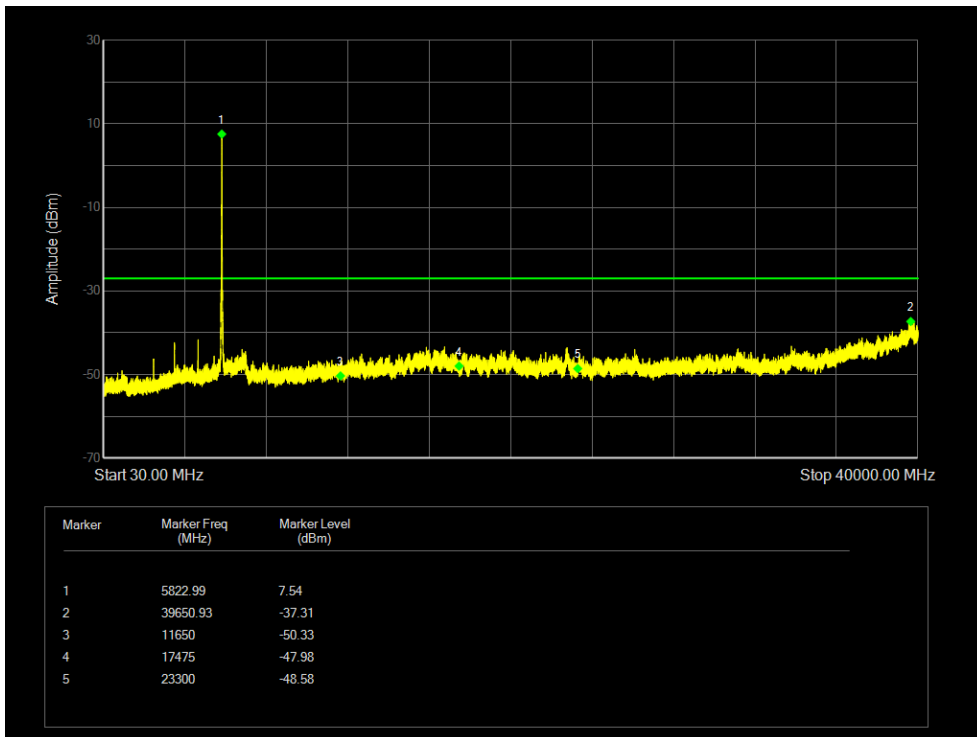
Tx. Spurious NVNT 802.11a 5745MHz Ant1 Emission



Tx. Spurious NVNT 802.11a 5785MHz Ant1 Emission

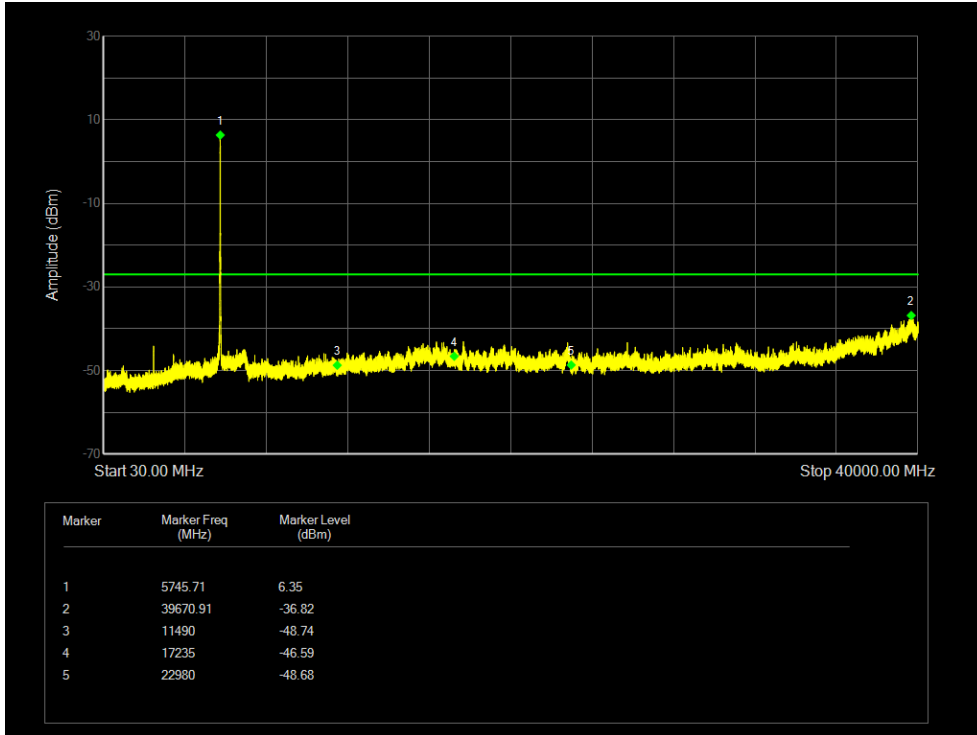


Tx. Spurious NVNT 802.11a 5825MHz Ant1 Emission

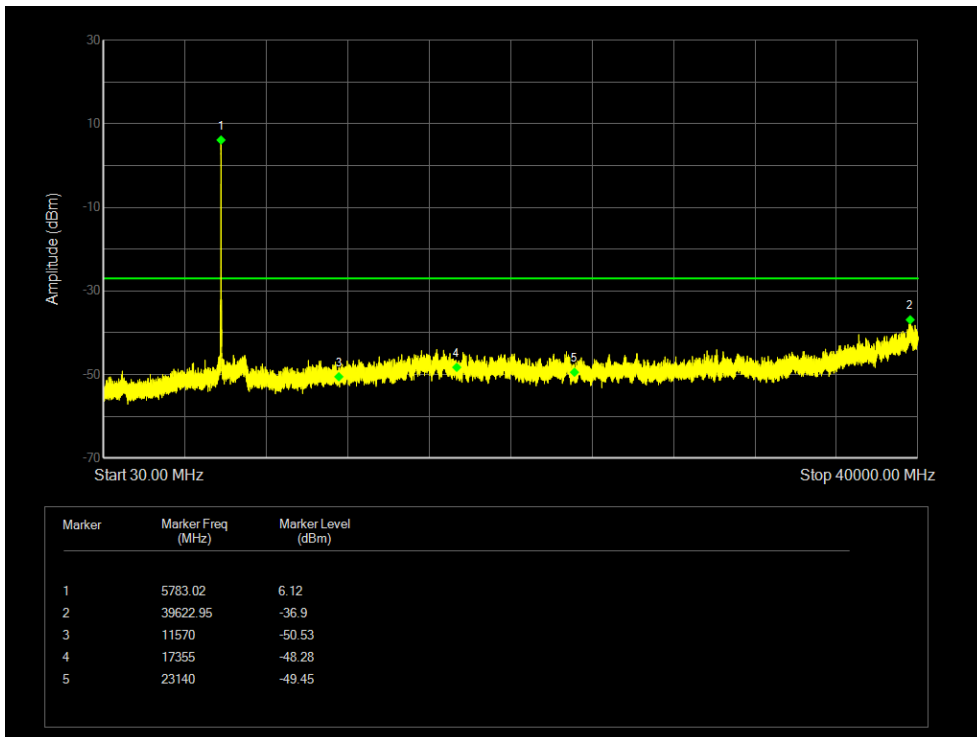


Tx. Spurious NVNT 802.11ac20 5745MHz Ant1 Emission

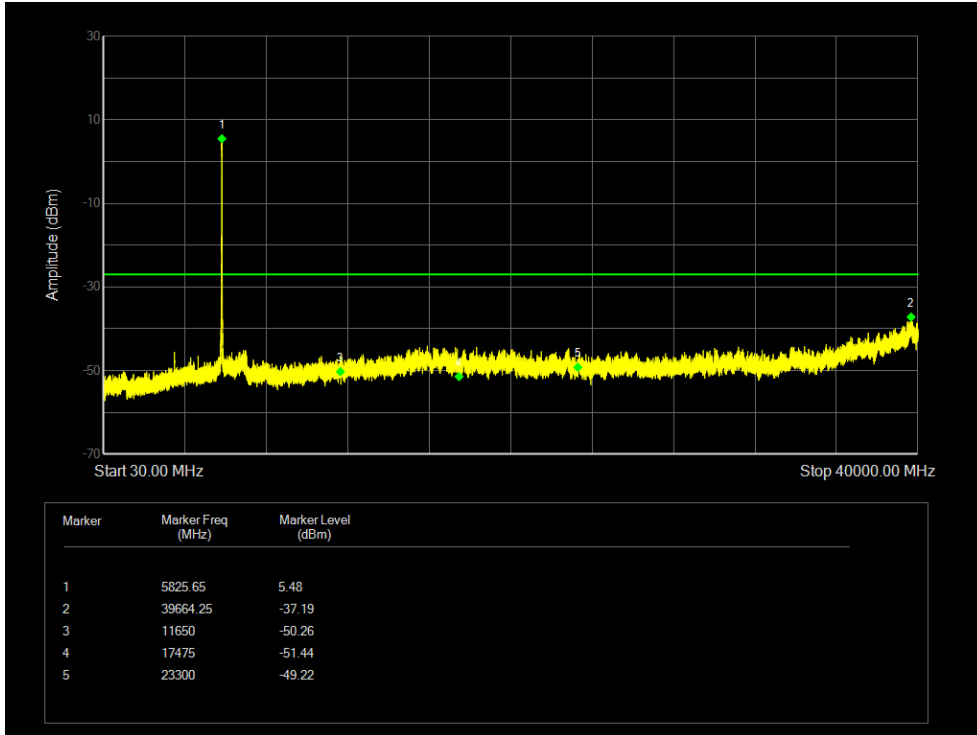




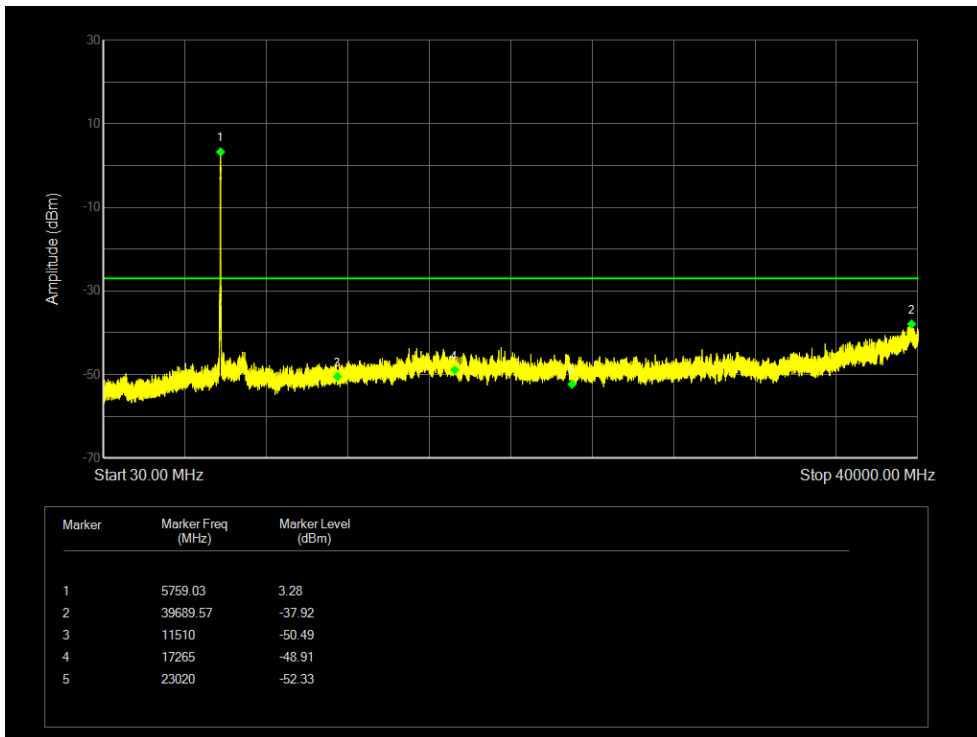
Tx. Spurious NVNT 802.11ac20 5785MHz Ant1 Emission



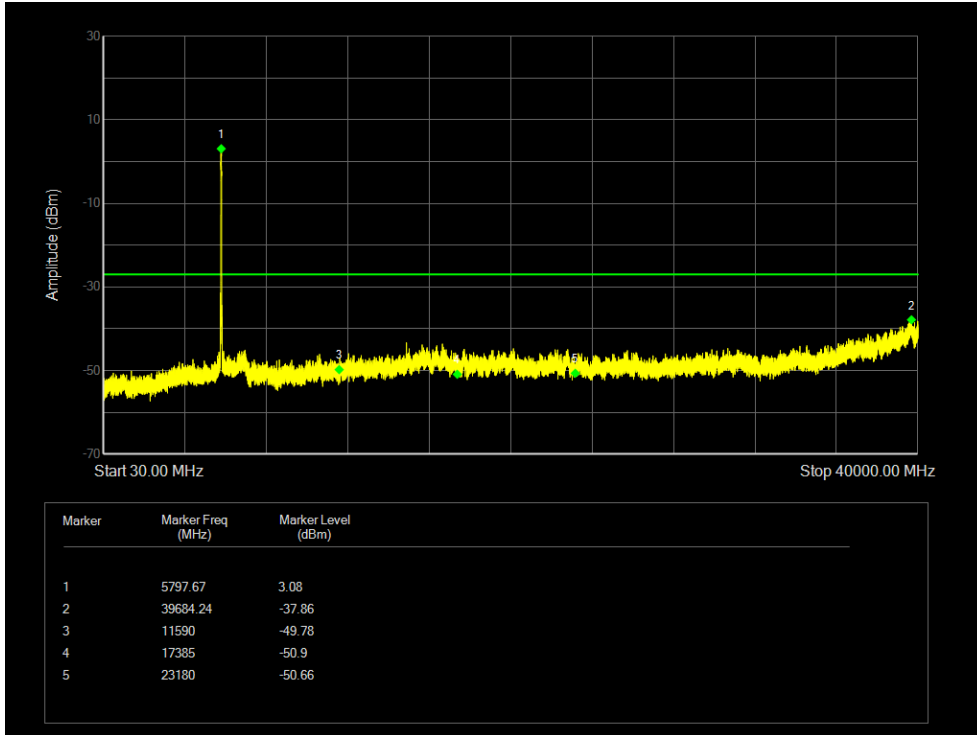
Tx. Spurious NVNT 802.11ac20 5825MHz Ant1 Emission



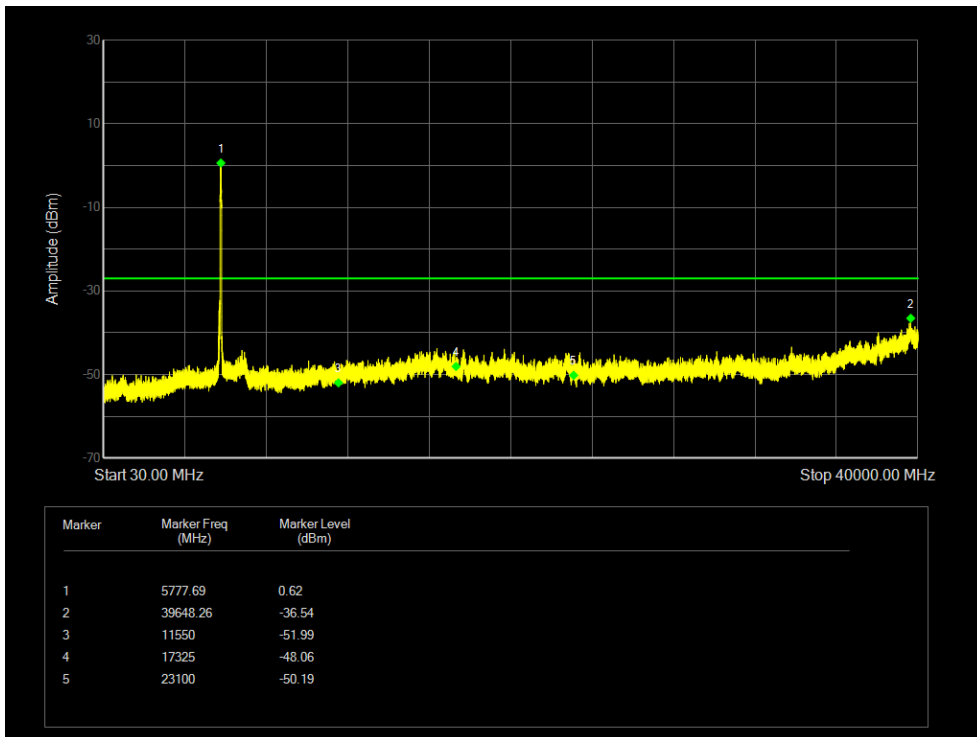
Tx. Spurious NVNT 802.11ac40 5755MHz Ant1 Emission



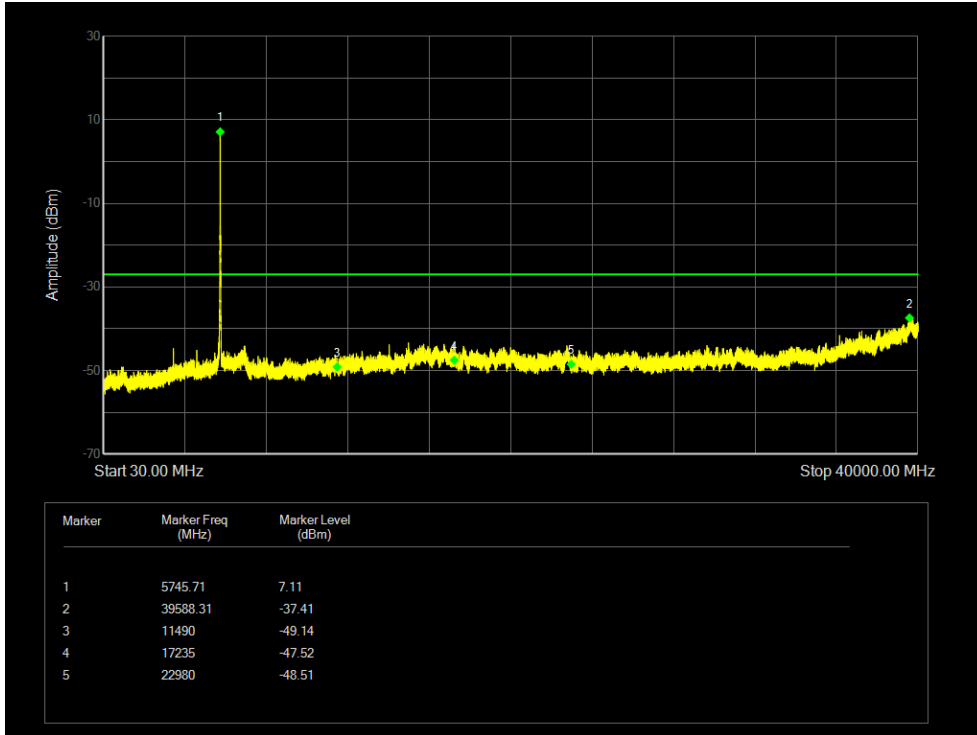
Tx. Spurious NVNT 802.11ac40 5795MHz Ant1 Emission



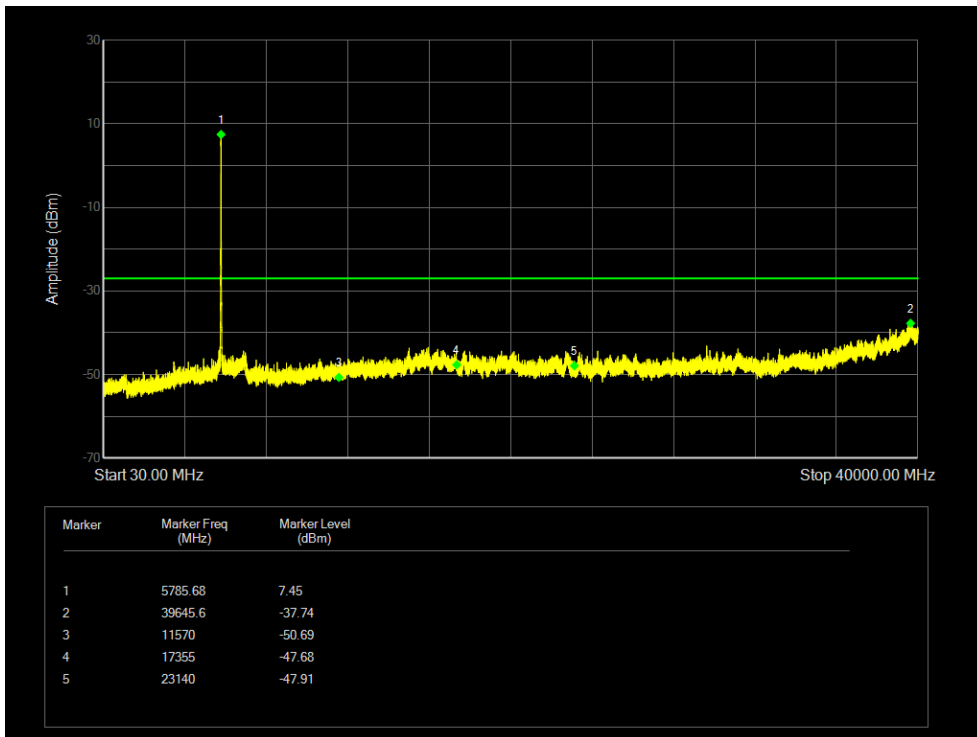
Tx. Spurious NVNT 802.11ac80 5775MHz Ant1 Emission



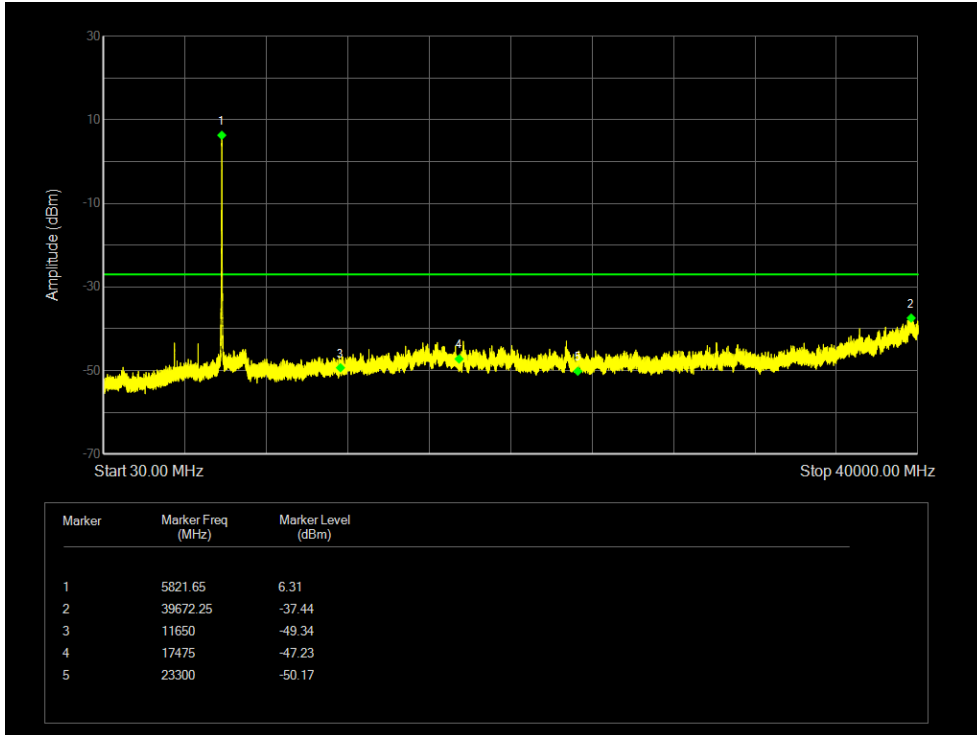
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant1 Emission



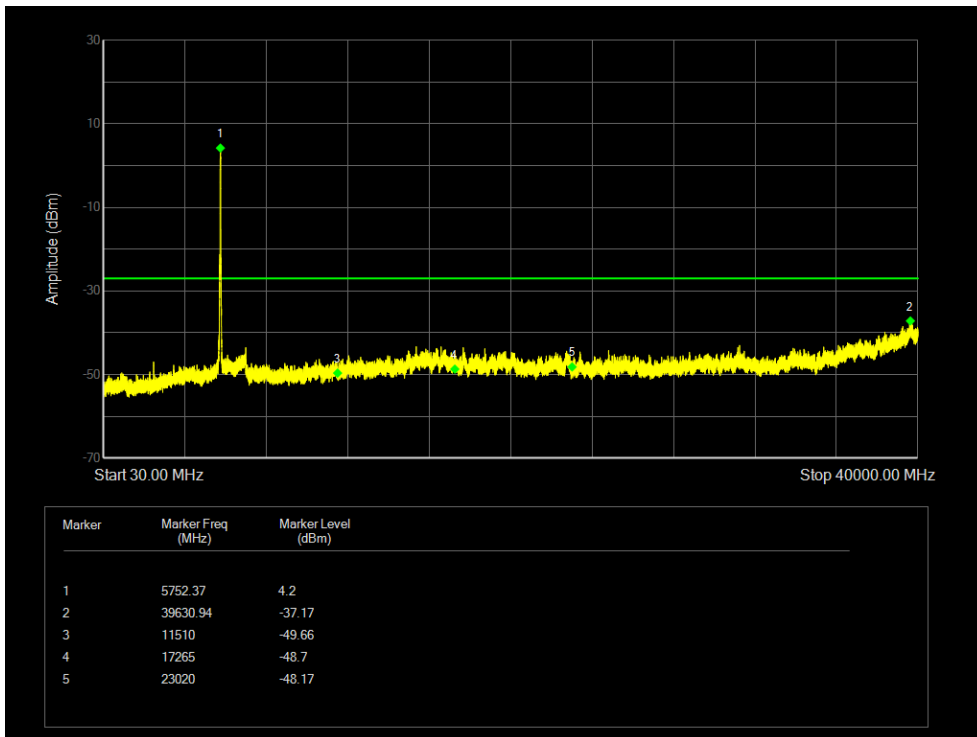
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant1 Emission



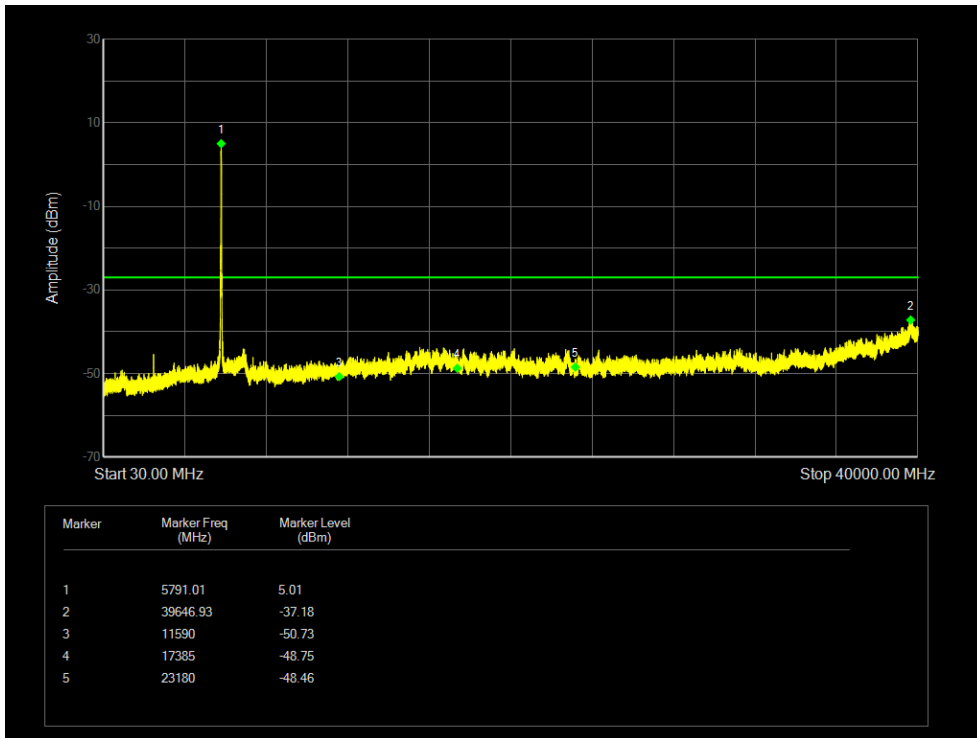
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant1 Emission



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



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

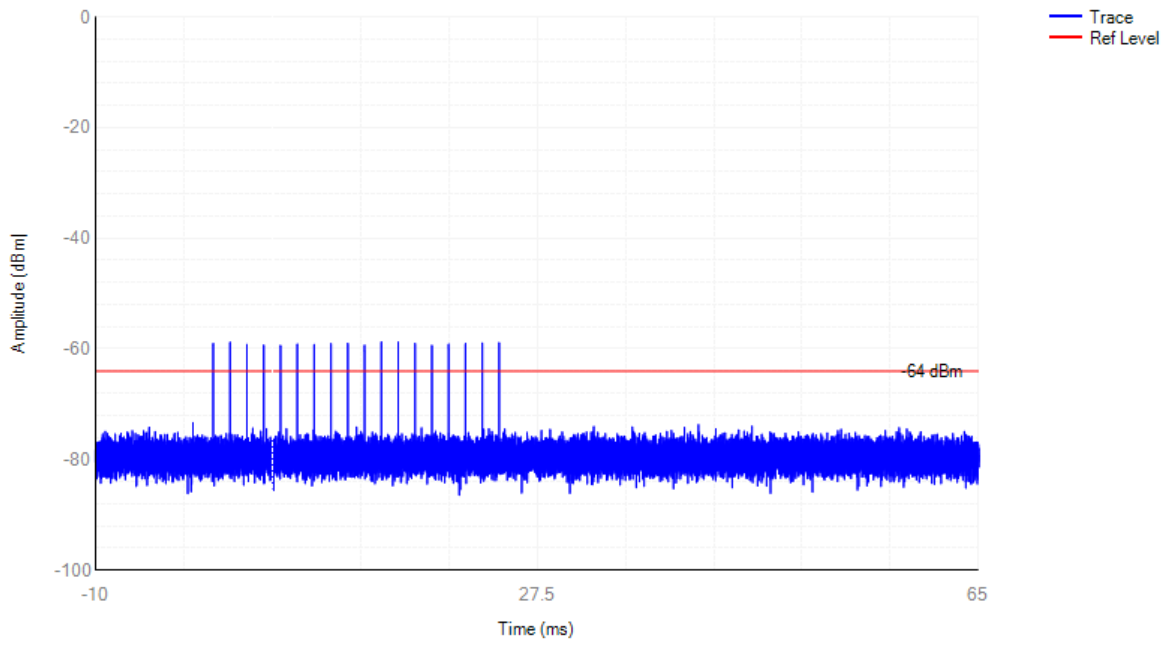


# DFS

## Calibration

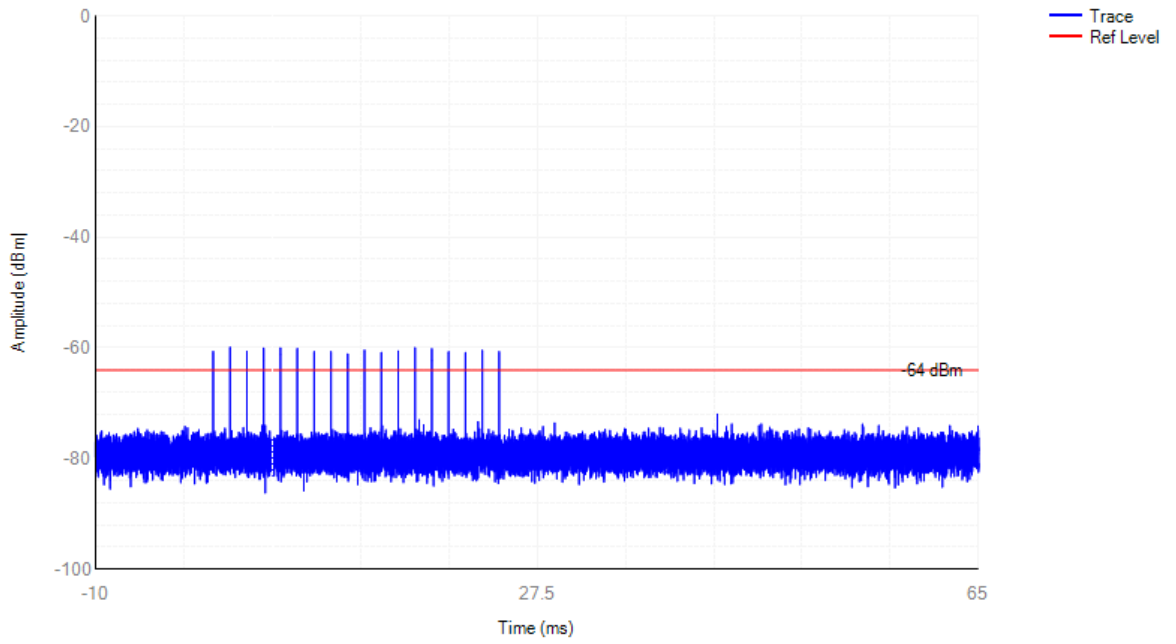
5290MHz ac80 DFS\_FCC\_T0

### Radar Calibration



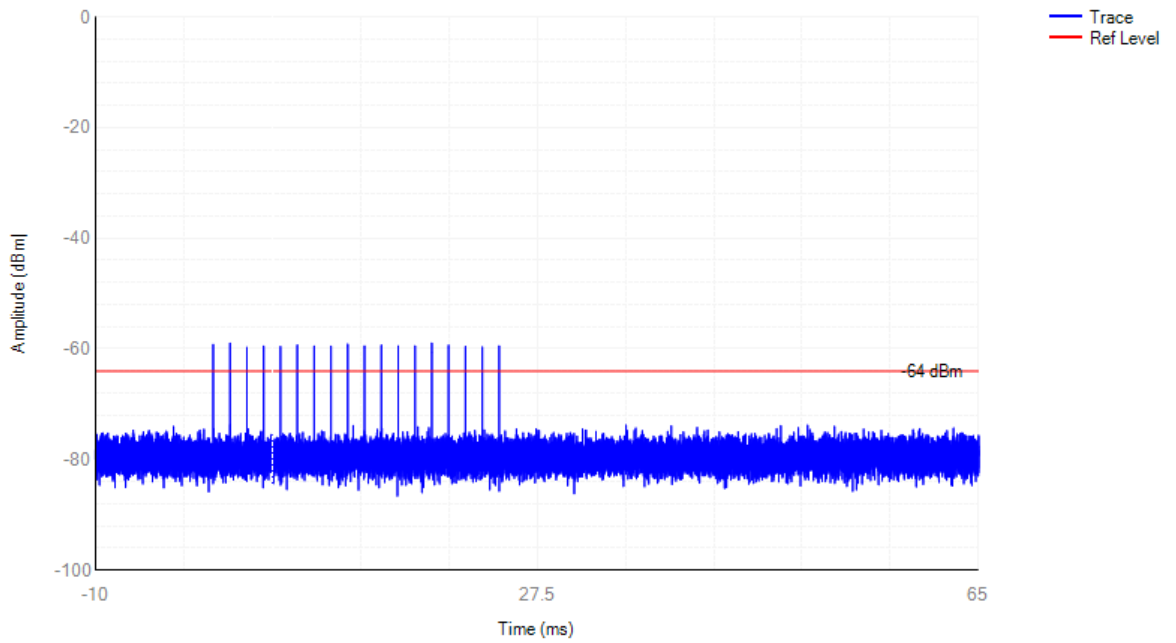
5530MHz ac80 DFS\_FCC\_T0

Radar Calibration



5310MHz n40 DFS\_FCC\_T0

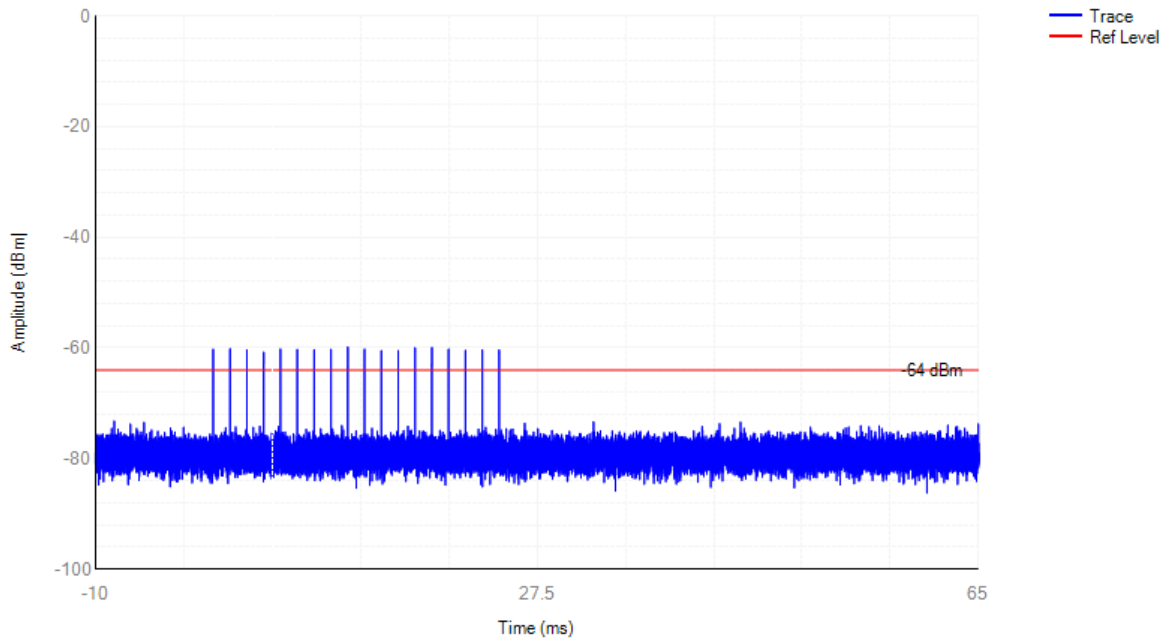
Radar Calibration



5510MHz n40 DFS\_FCC\_T0

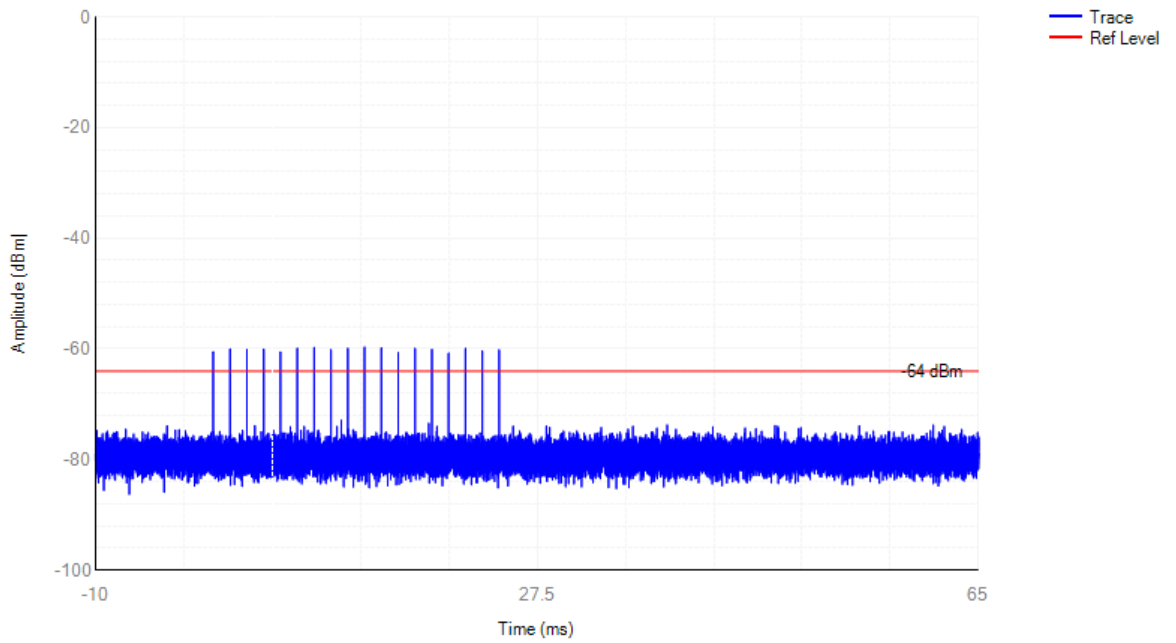


Radar Calibration



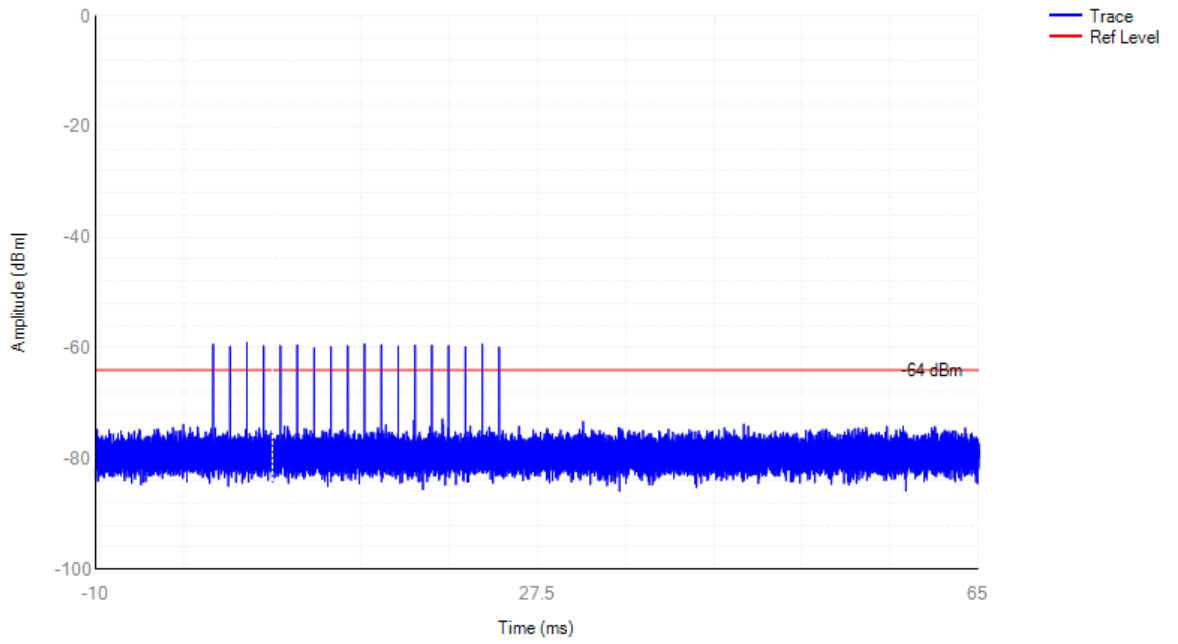
5320MHz a DFS\_FCC\_T0

Radar Calibration



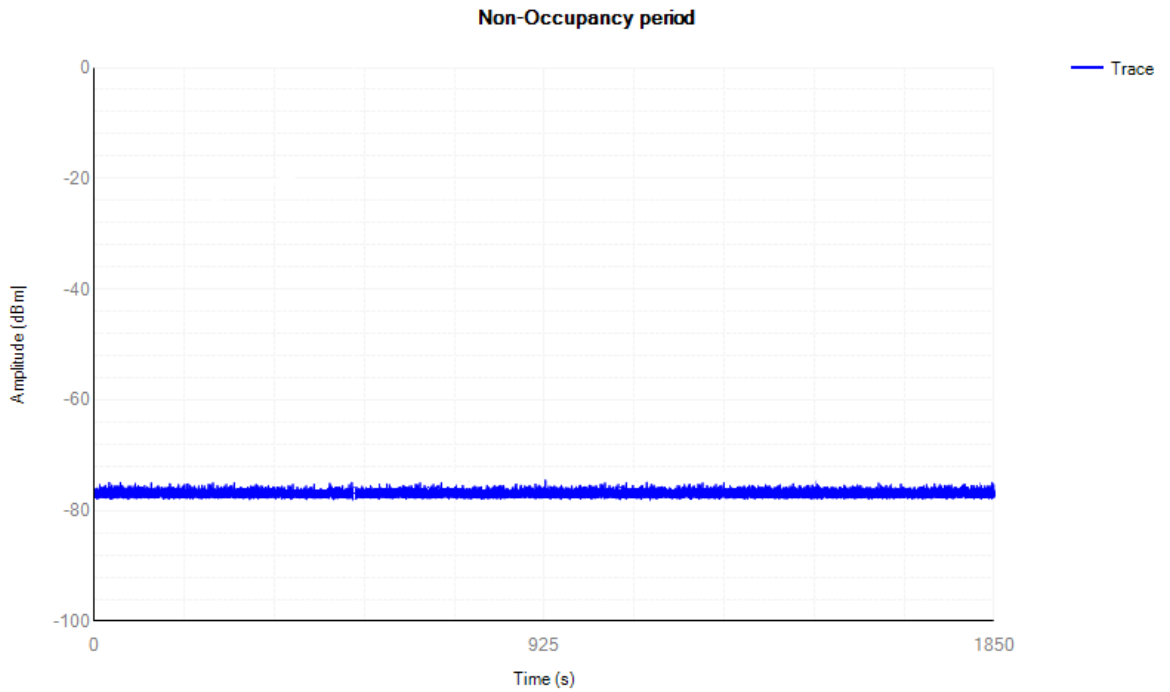
5500MHz a DFS\_FCC\_T0

Radar Calibration

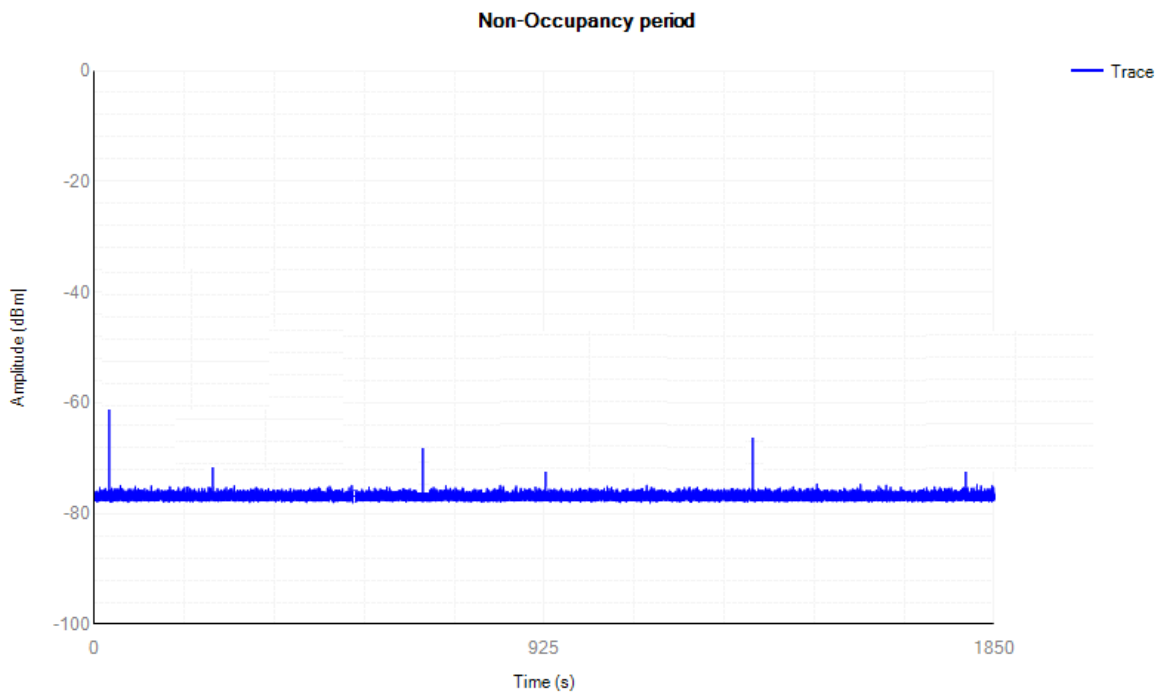


### Non-Occupancy

#### 5290MHz ac80 Non-Occupancy

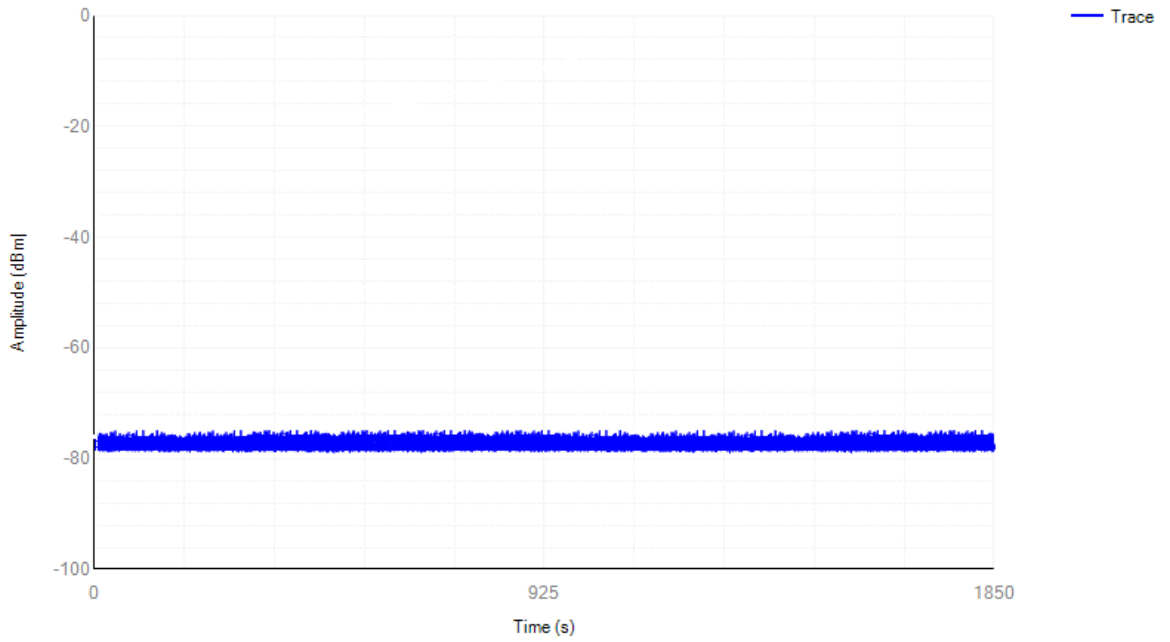


#### 5530MHz ac80 Non-Occupancy



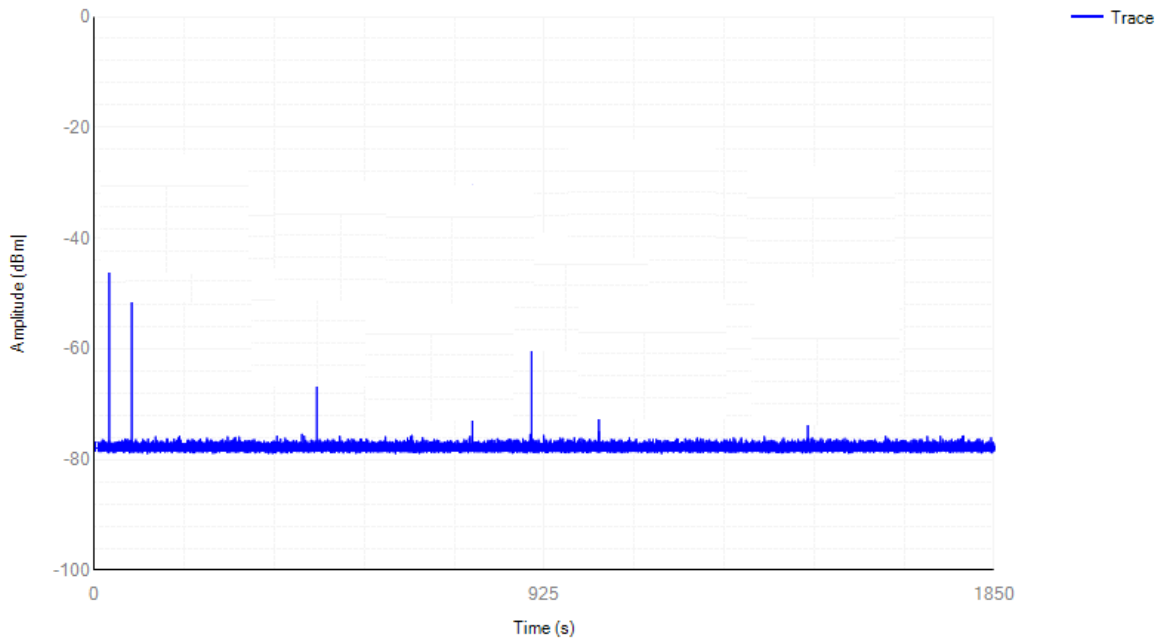
#### 5310MHz n40 Non-Occupancy

Non-Occupancy period



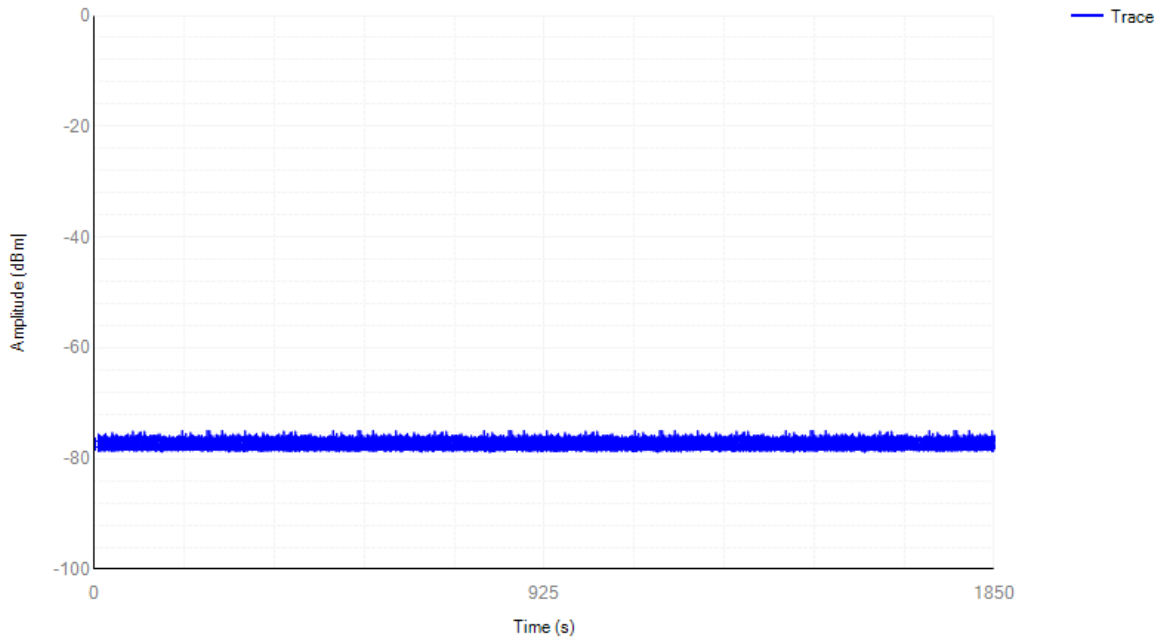
5510MHz n40 Non-Occupancy

Non-Occupancy period



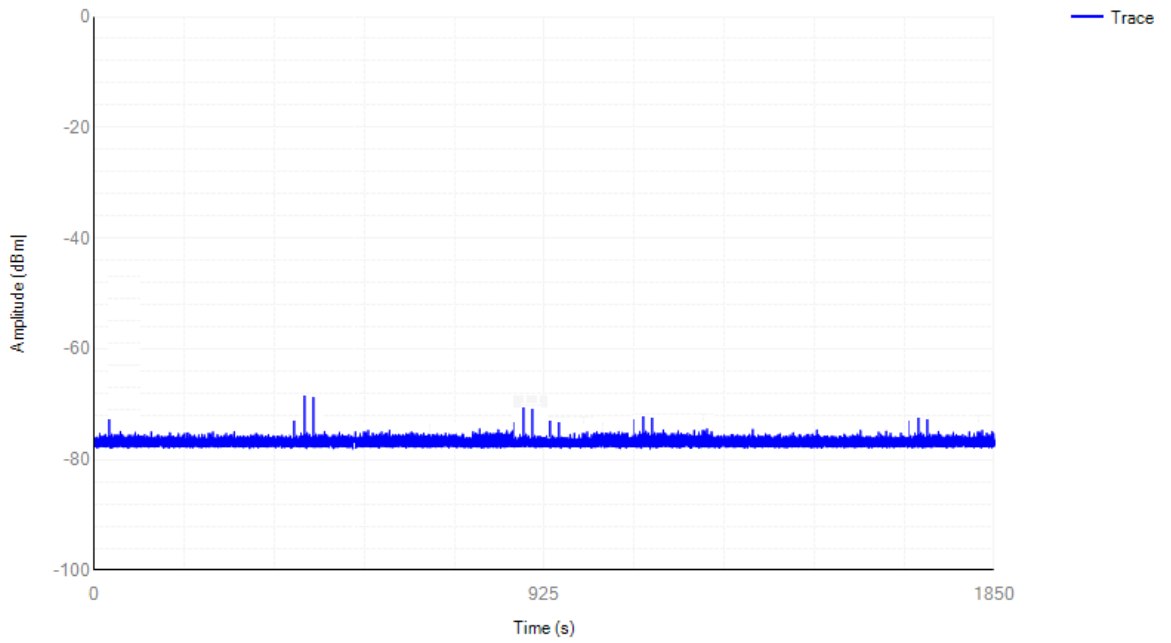
5320MHz a Non-Occupancy

Non-Occupancy period



5500MHz a Non-Occupancy

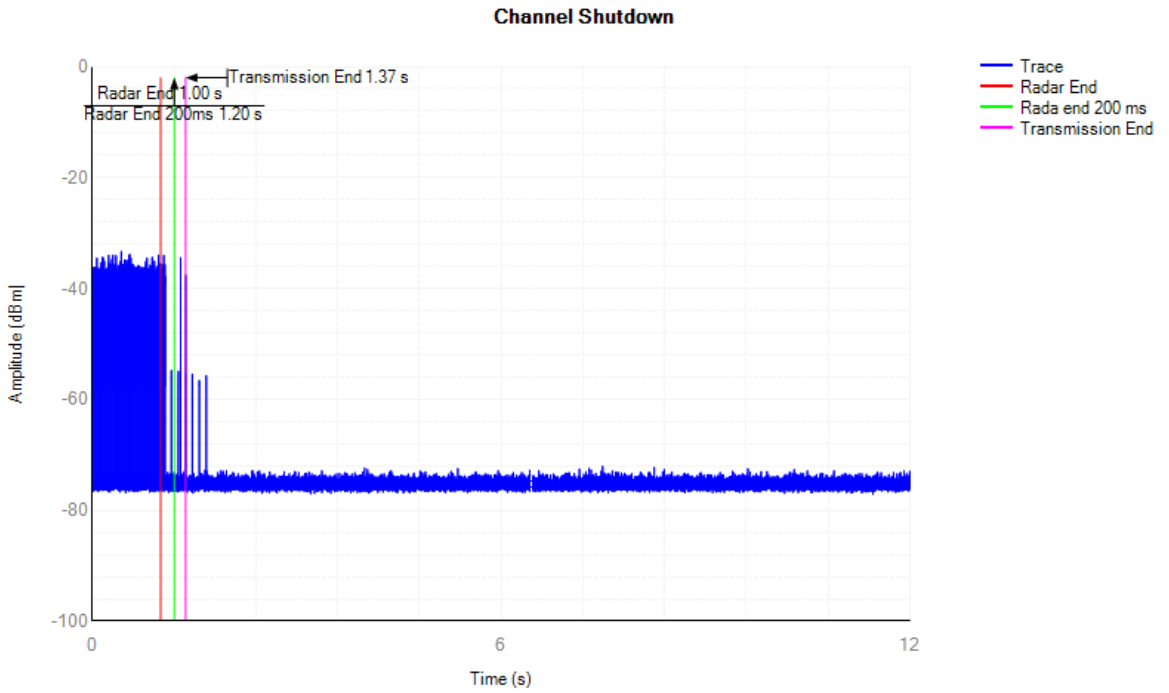
Non-Occupancy period



**Shutdown Time**

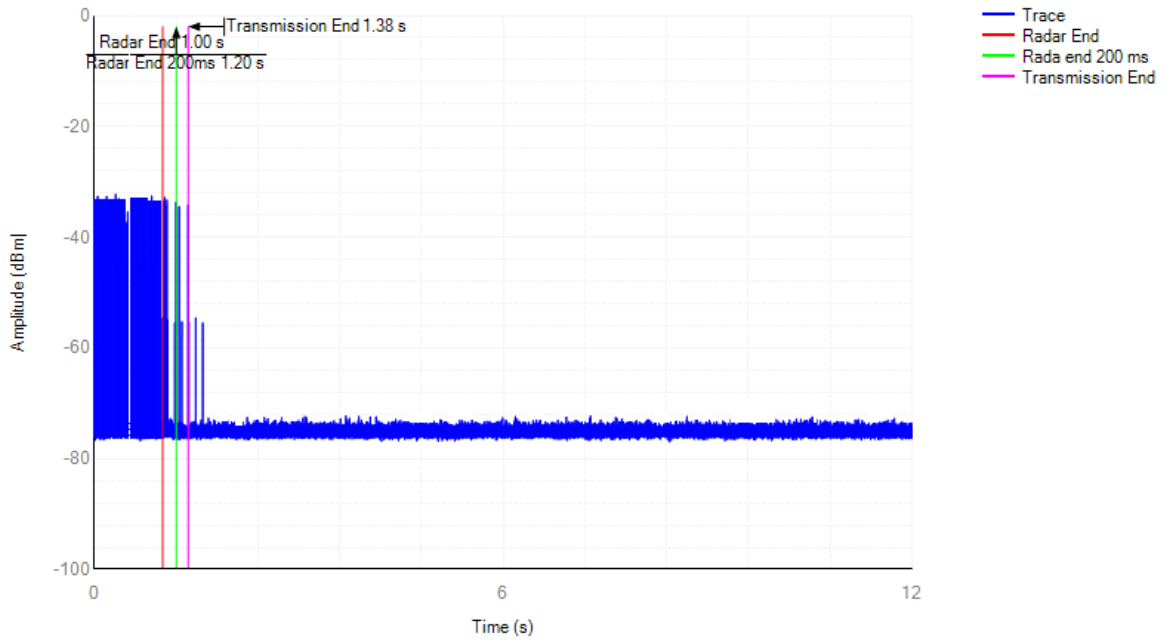
Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
ac80	5290	0.366	10	0.0096	0.26	0.0008	0.06	Pass
ac80	5530	0.3752	10	0.0052	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	0.6488	10	0.0172	0.26	0.0048	0.06	Pass

5290MHz ac80 Shutdown



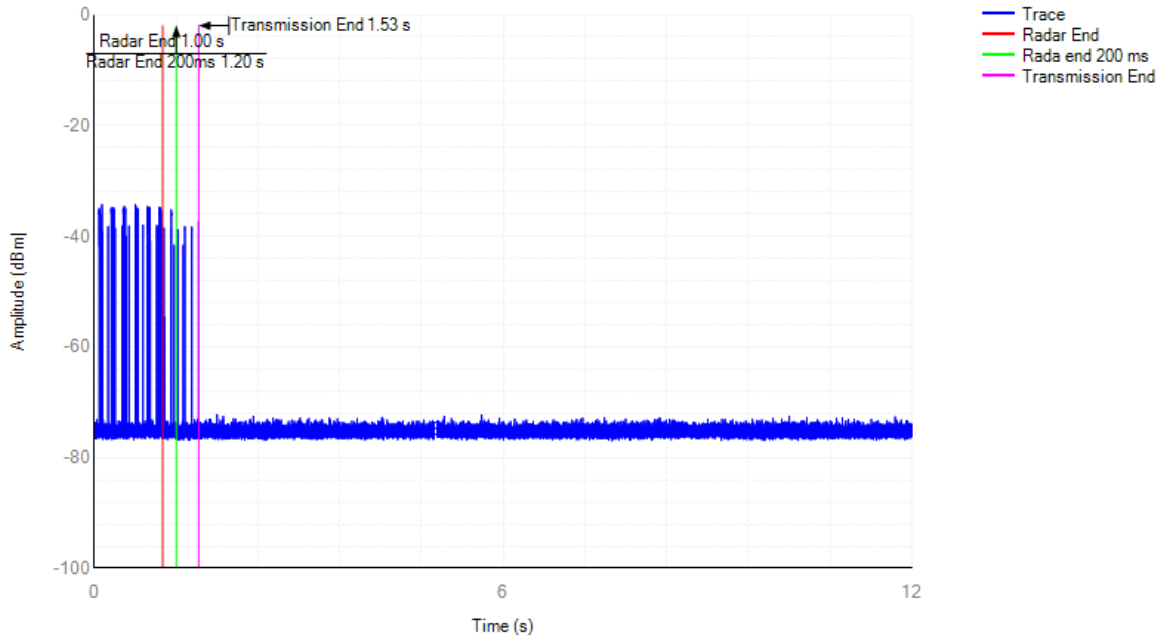
5530MHz ac80 Shutdown

### Channel Shutdown



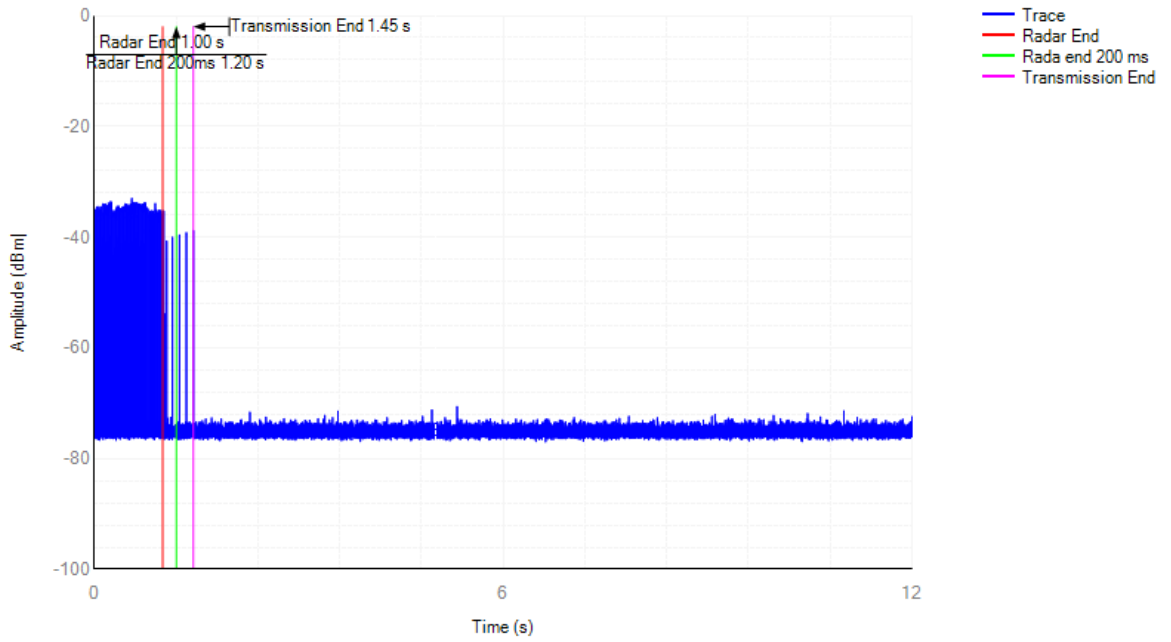
### 5310MHz n40 Shutdown

### Channel Shutdown



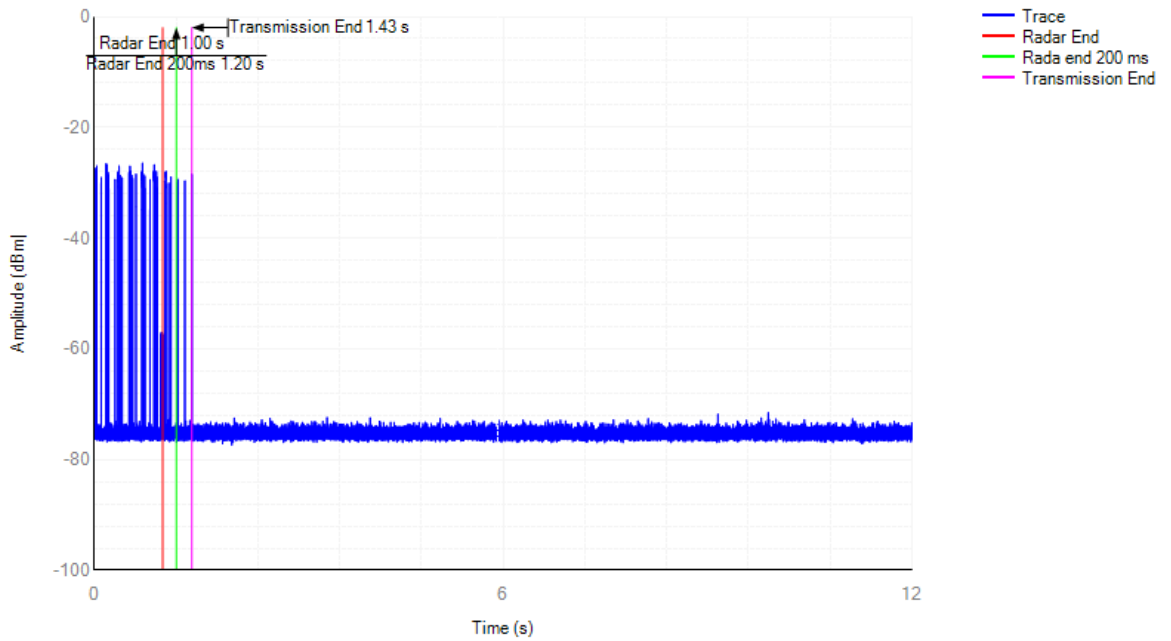
### 5510MHz n40 Shutdown

### Channel Shutdown



### 5320MHz a Shutdown

### Channel Shutdown



### 5500MHz a Shutdown



### Channel Shutdown

