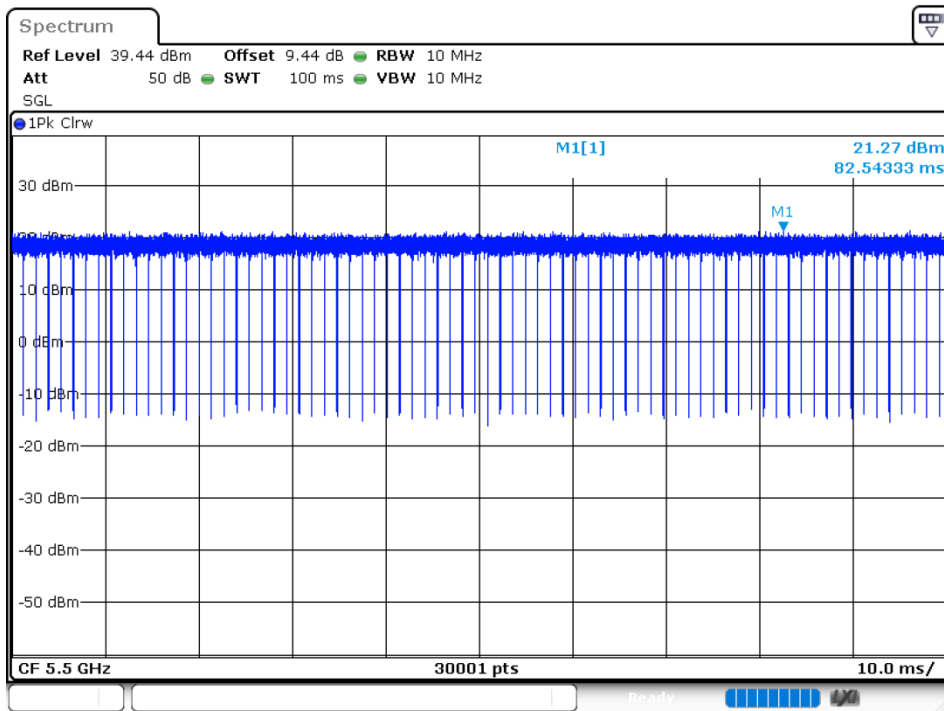
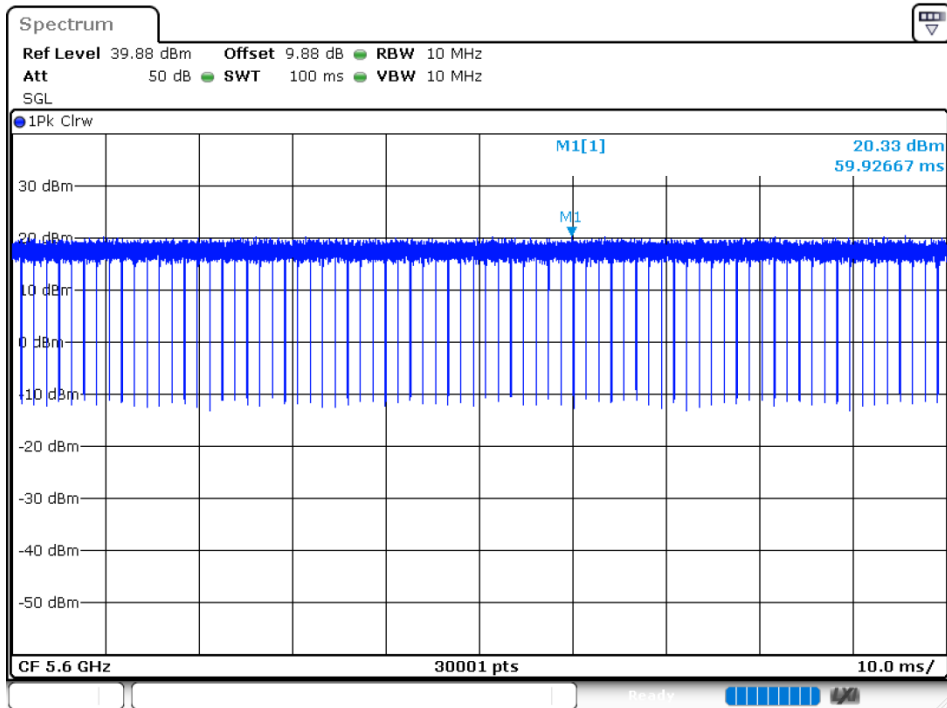


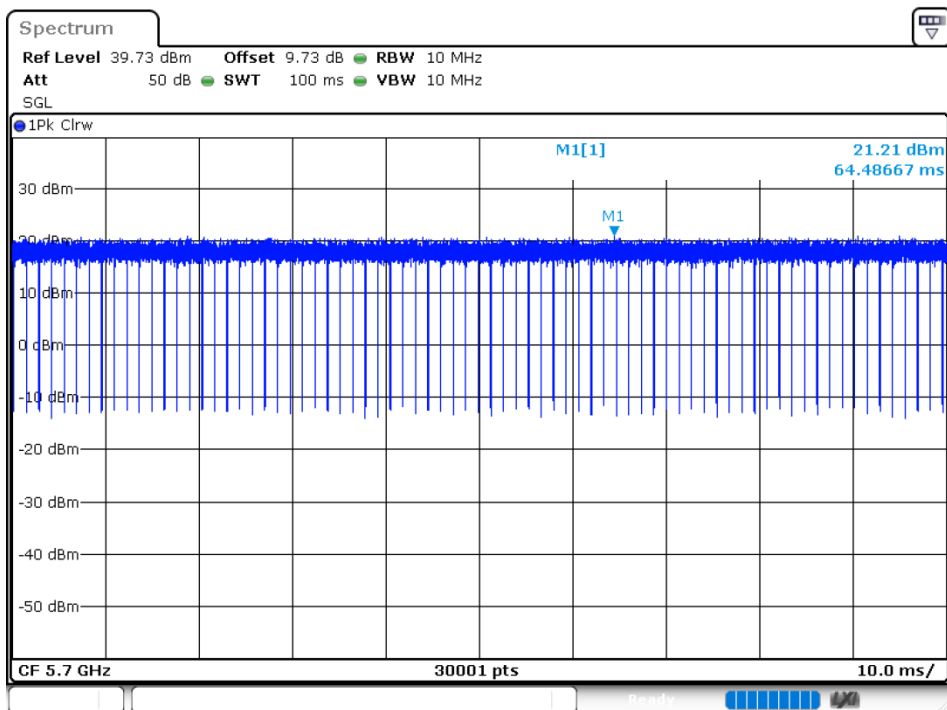
Duty Cycle NVNT 802.11n(HT20) 5500MHz



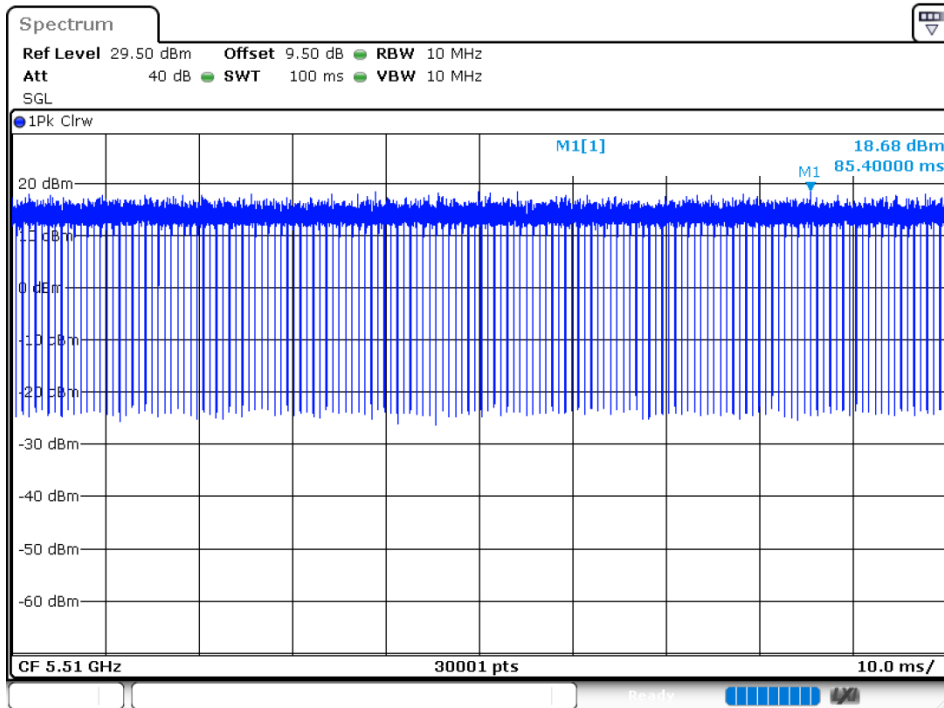
Duty Cycle NVNT 802.11n(HT20) 5600MHz



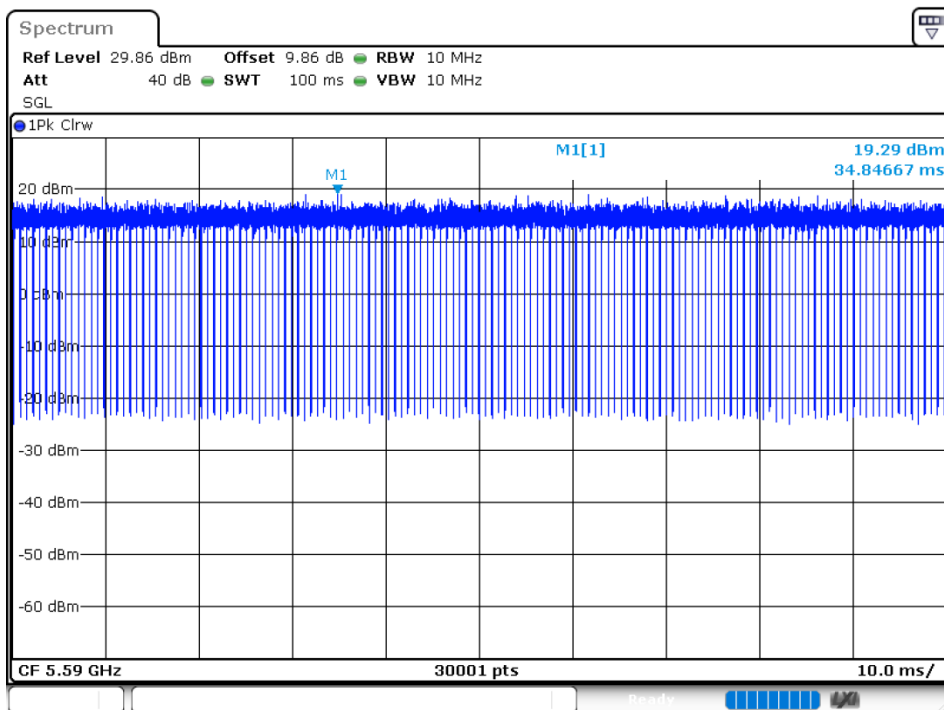
Duty Cycle NVNT 802.11n(HT20) 5700MHz



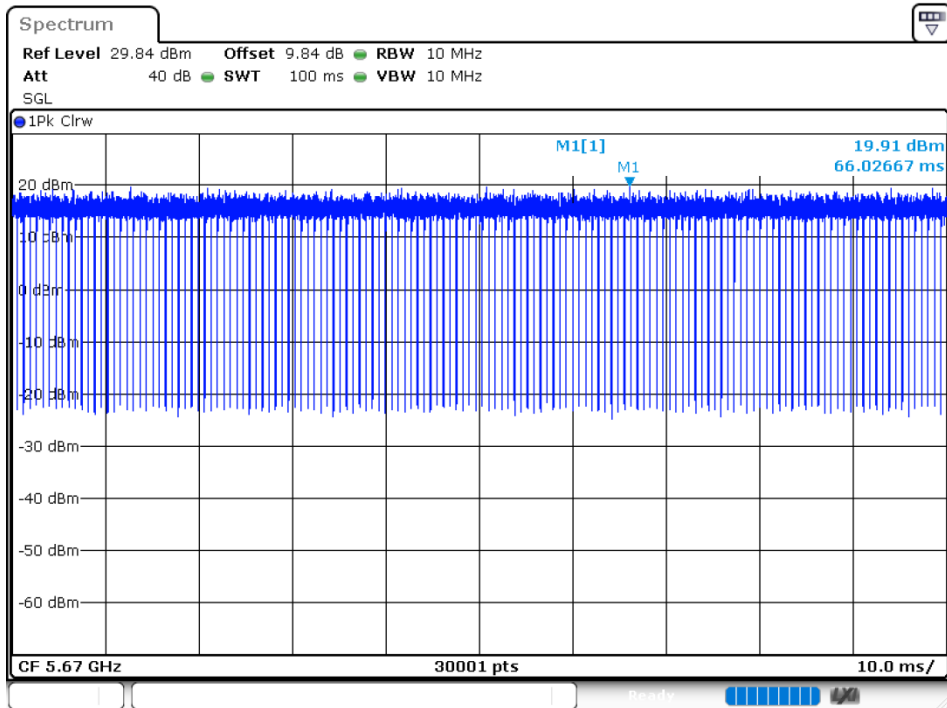
Duty Cycle NVNT 802.11n(HT40) 5510MHz



Duty Cycle NVNT 802.11n(HT40) 5590MHz



Duty Cycle NVNT 802.11n(HT40) 5670MHz



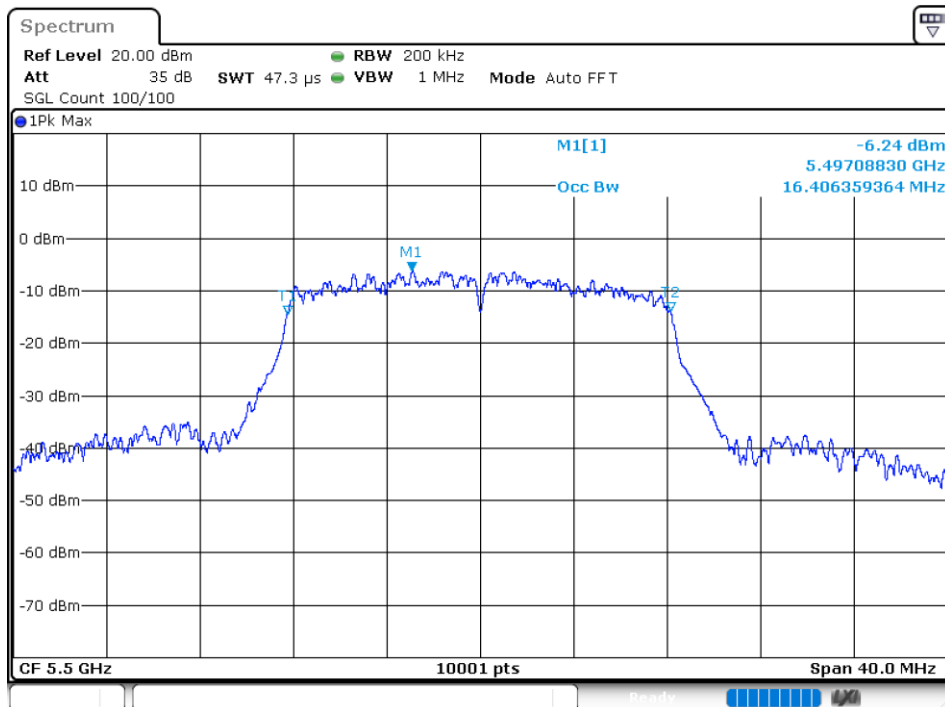
**Maximum Conducted Output Power**

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5500	Ant 1	12.74	0.13	12.87	24	Pass
NVNT	802.11a	5600	Ant 1	12.11	0.13	12.24	24	Pass
NVNT	802.11a	5700	Ant 1	12.48	0.13	12.61	24	Pass
NVNT	802.11ac20	5500	Ant 1	12.73	0.13	12.86	24	Pass
NVNT	802.11ac20	5600	Ant 1	12.07	0.13	12.2	24	Pass
NVNT	802.11ac20	5700	Ant 1	12.2	0.13	12.33	24	Pass
NVNT	802.11ac40	5510	Ant 1	10.54	0.26	10.8	24	Pass
NVNT	802.11ac40	5590	Ant 1	11.38	0.26	11.64	24	Pass
NVNT	802.11ac40	5670	Ant 1	11.87	0.26	12.13	24	Pass
NVNT	802.11ac80	5530	Ant 1	9.51	0.51	10.02	24	Pass
NVNT	802.11ac80	5610	Ant 1	11.12	0.51	11.63	24	Pass
NVNT	802.11n(HT20)	5500	Ant 1	11.76	0.13	11.89	24	Pass
NVNT	802.11n(HT20)	5600	Ant 1	11.89	0.13	12.02	24	Pass
NVNT	802.11n(HT20)	5700	Ant 1	12.38	0.14	12.52	24	Pass
NVNT	802.11n(HT40)	5510	Ant 1	10.53	0.26	10.79	24	Pass
NVNT	802.11n(HT40)	5590	Ant 1	10.82	0.26	11.08	24	Pass
NVNT	802.11n(HT40)	5670	Ant 1	11.86	0.26	12.12	24	Pass

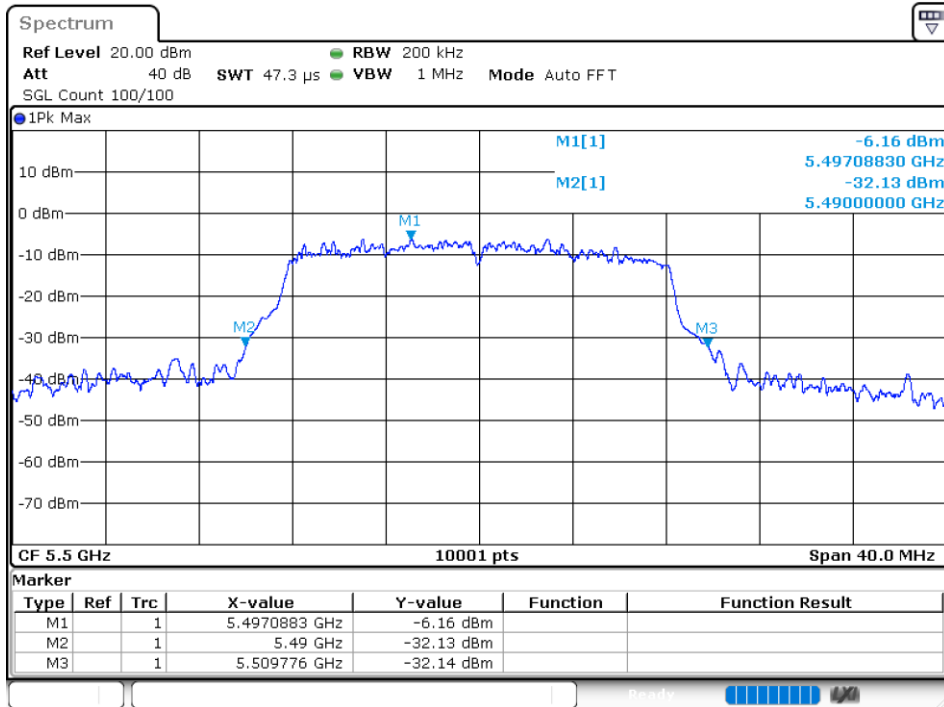
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5500	Ant 1	16.4064	19.776	Pass
NVNT	802.11a	5600	Ant 1	16.3864	19.656	Pass
NVNT	802.11a	5700	Ant 1	16.4064	19.78	Pass
NVNT	802.11ac20	5500	Ant 1	17.6382	20.032	Pass
NVNT	802.11ac20	5600	Ant 1	17.6182	20.484	Pass
NVNT	802.11ac20	5700	Ant 1	17.5902	20.288	Pass
NVNT	802.11ac40	5510	Ant 1	36.1724	45.616	Pass
NVNT	802.11ac40	5590	Ant 1	36.0604	41.192	Pass
NVNT	802.11ac40	5670	Ant 1	35.9804	40.424	Pass
NVNT	802.11ac80	5530	Ant 1	75.5764	82.208	Pass
NVNT	802.11ac80	5610	Ant 1	75.7204	102.816	Pass
NVNT	802.11n(HT20)	5500	Ant 1	17.5462	19.924	Pass
NVNT	802.11n(HT20)	5600	Ant 1	17.6462	20.944	Pass
NVNT	802.11n(HT20)	5700	Ant 1	17.6542	20.54	Pass
NVNT	802.11n(HT40)	5510	Ant 1	36.2764	41.096	Pass
NVNT	802.11n(HT40)	5590	Ant 1	36.1084	40.648	Pass
NVNT	802.11n(HT40)	5670	Ant 1	36.0524	41.384	Pass

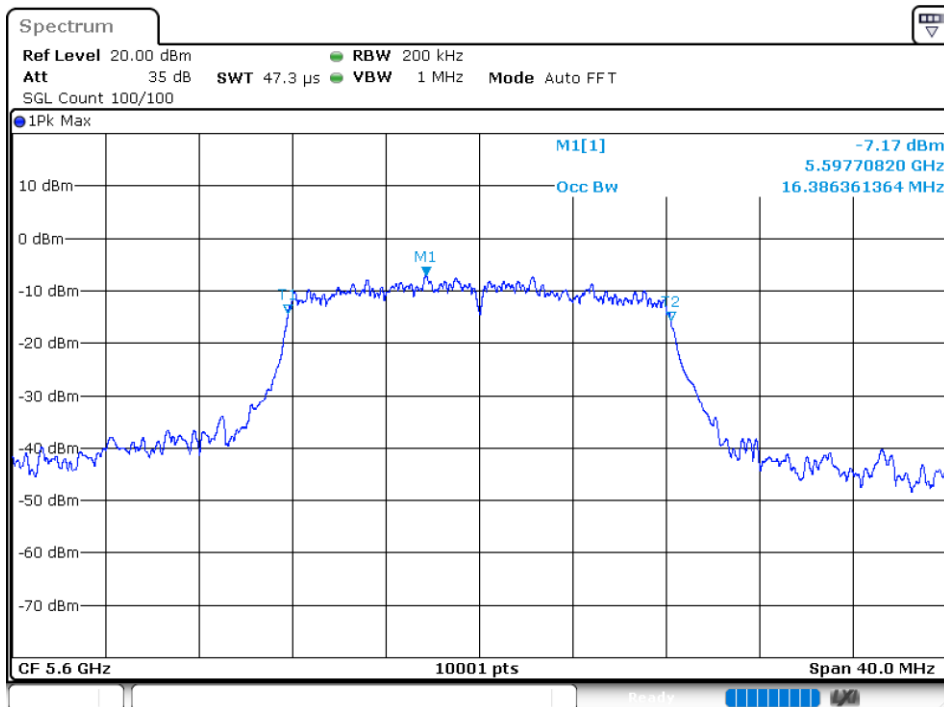
OBW NVNT 802.11a 5500MHz Ant1



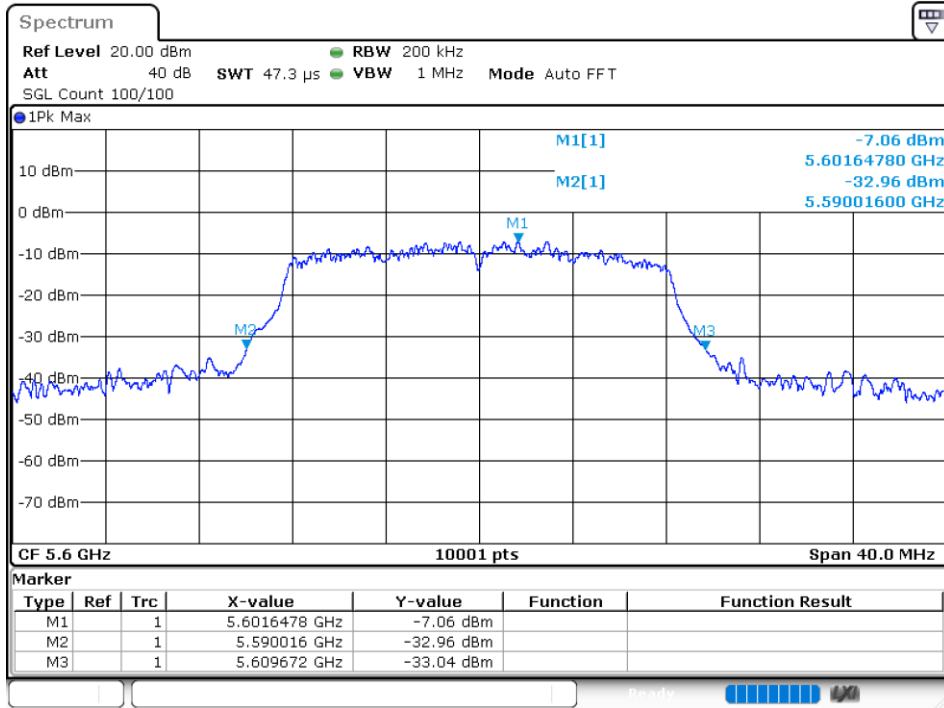
-26 dB BW NVNT 802.11a 5500MHz Ant1



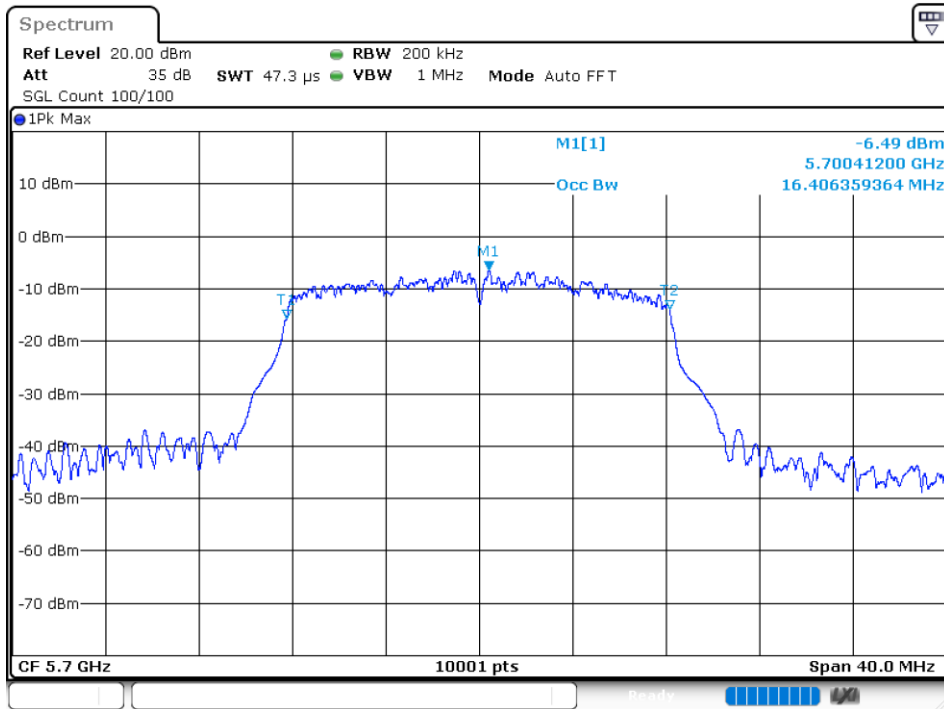
OBW NVNT 802.11a 5600MHz Ant1



-26 dB BW NVNT 802.11a 5600MHz Ant1

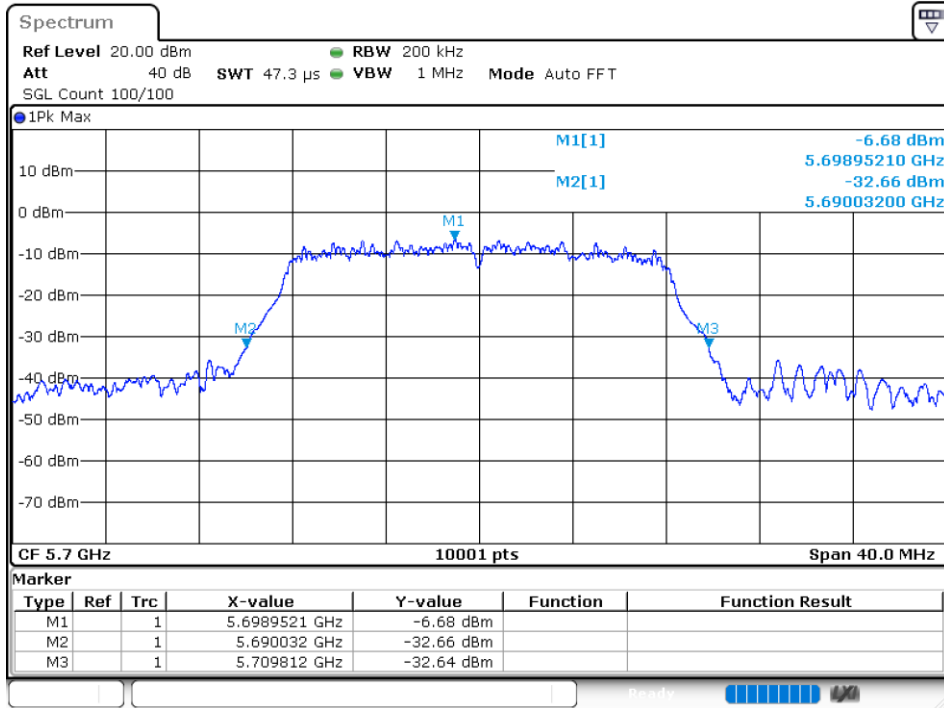


OBW NVNT 802.11a 5700MHz Ant1

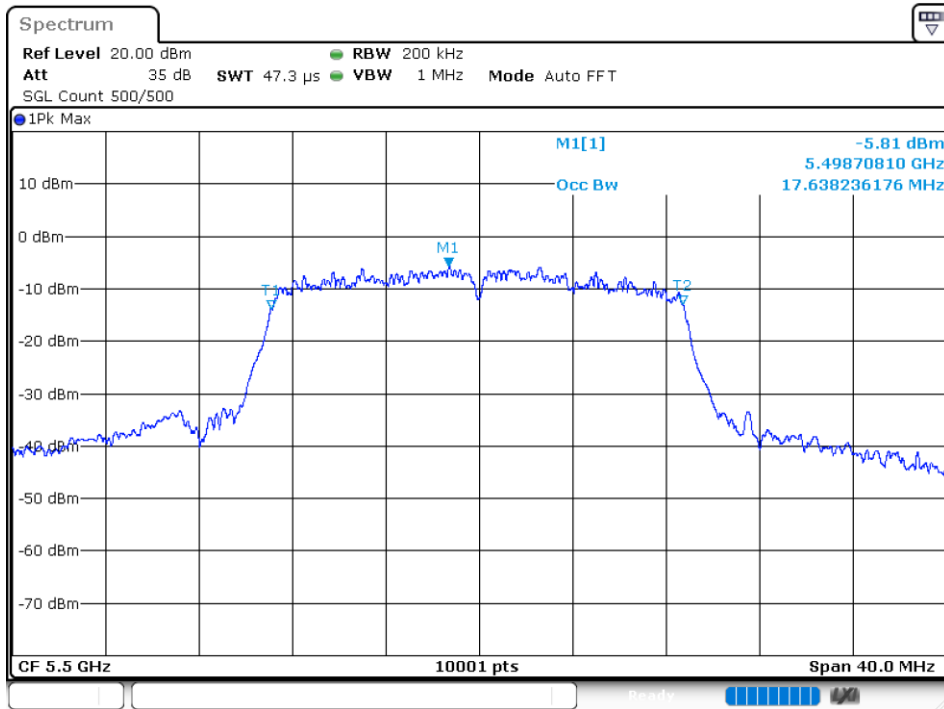


-26 dB BW NVNT 802.11a 5700MHz Ant1

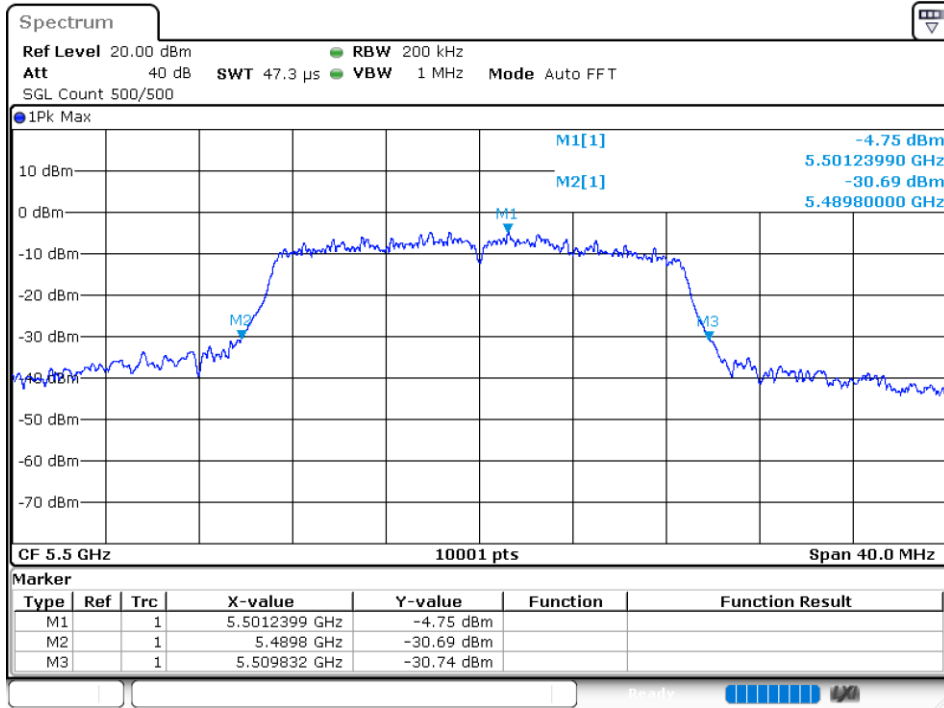




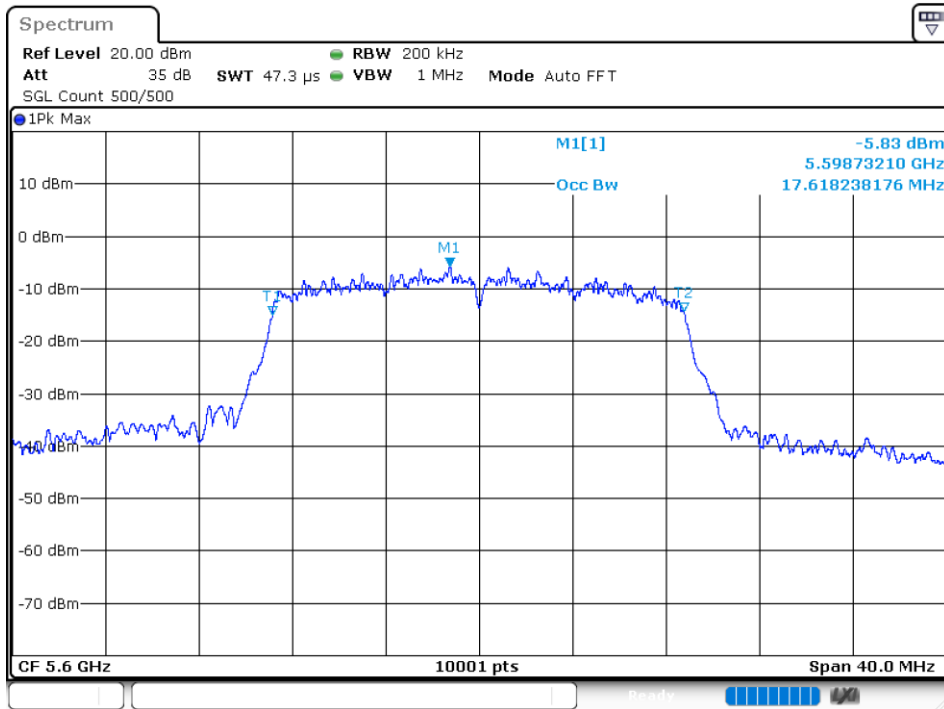
OBW NVNT 802.11ac20 5500MHz Ant1



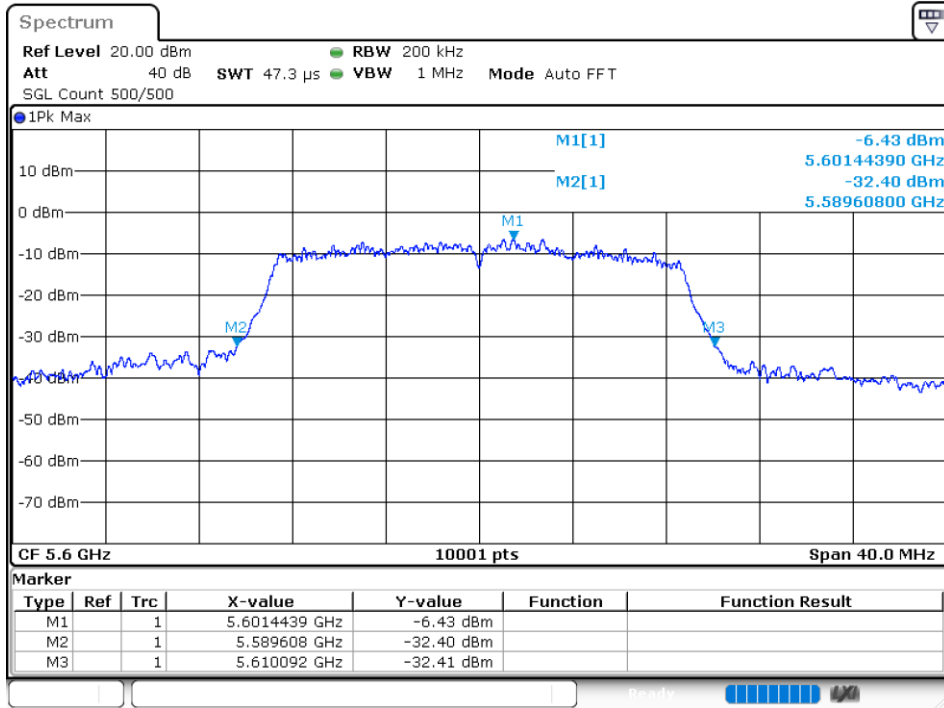
-26 dB BW NVNT 802.11ac20 5500MHz Ant1



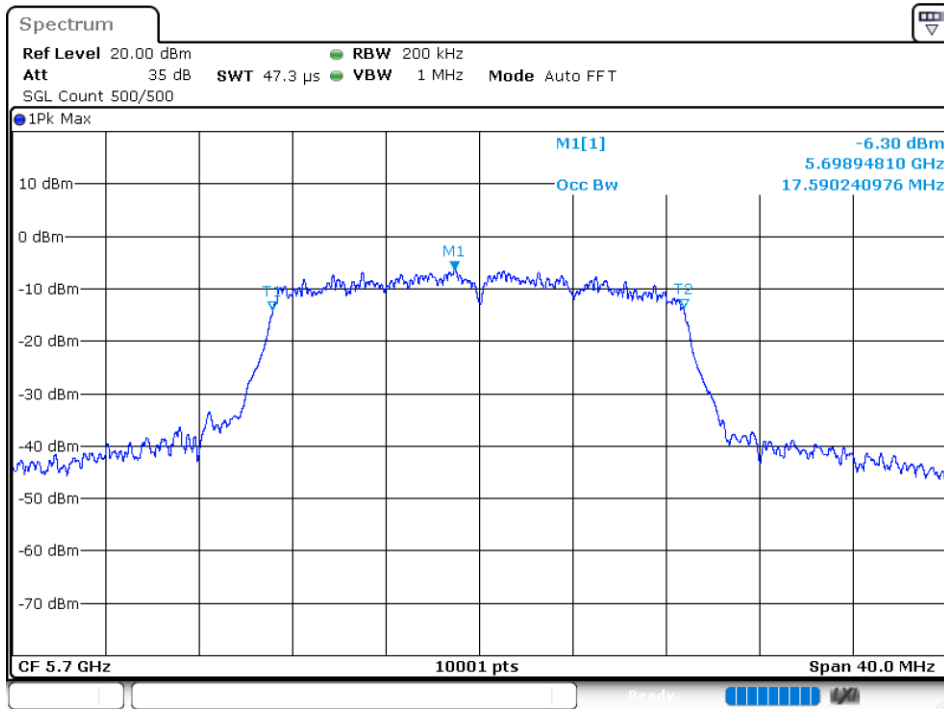
OBW NVNT 802.11ac20 5600MHz Ant1



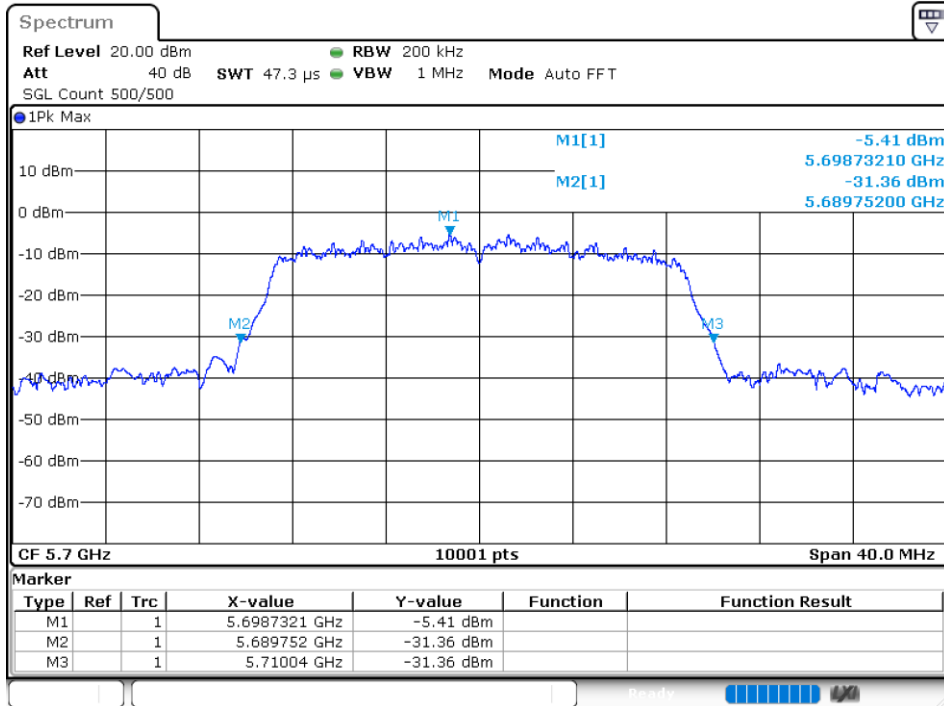
-26 dB BW NVNT 802.11ac20 5600MHz Ant1



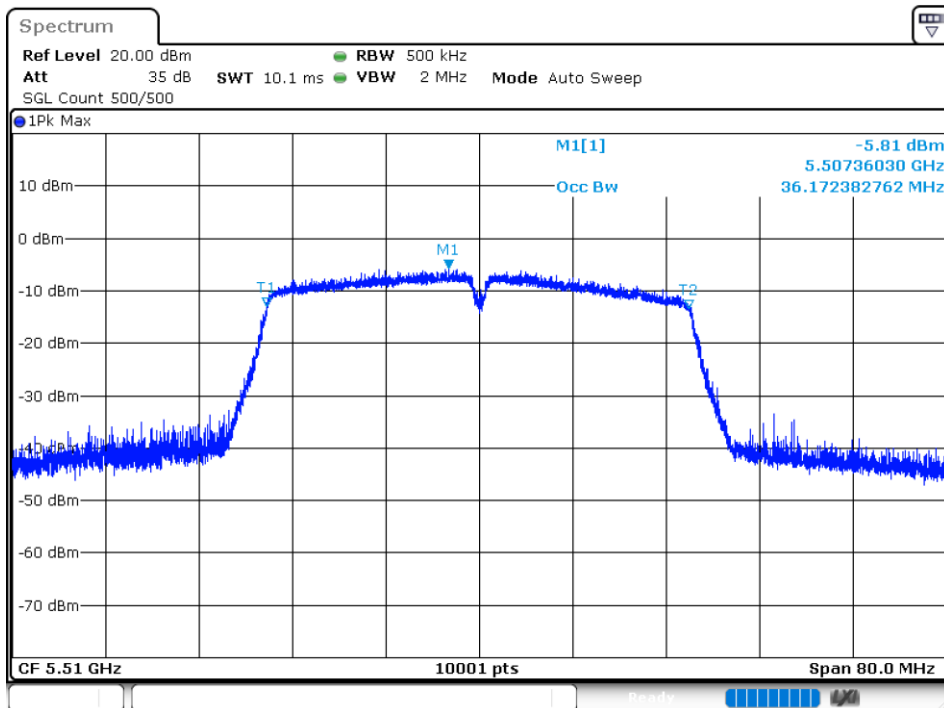
OBW NVNT 802.11ac20 5700MHz Ant1



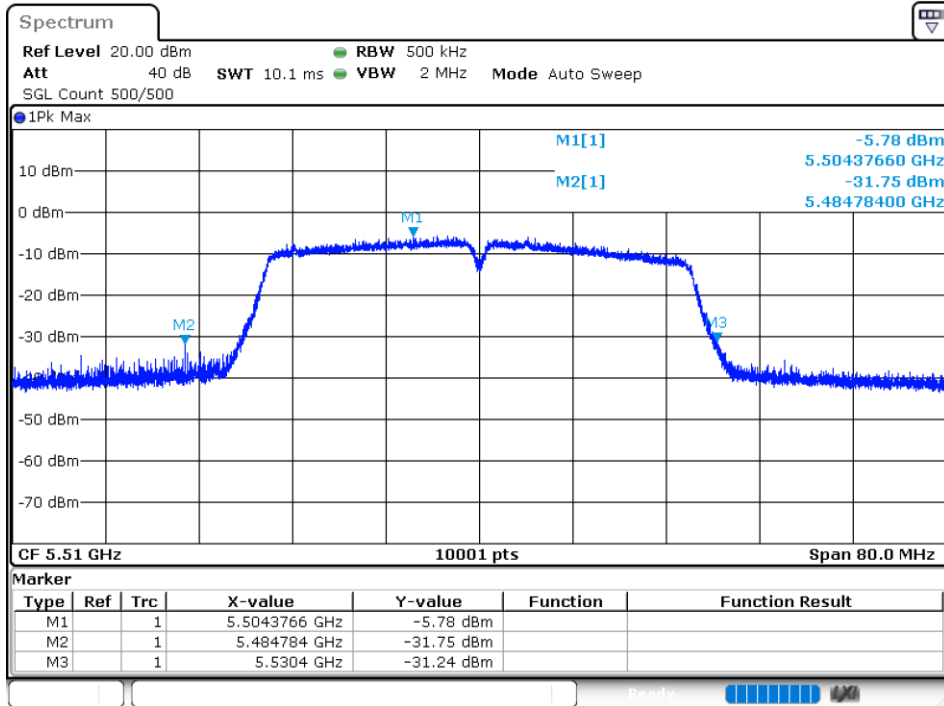
-26 dB BW NVNT 802.11ac20 5700MHz Ant1



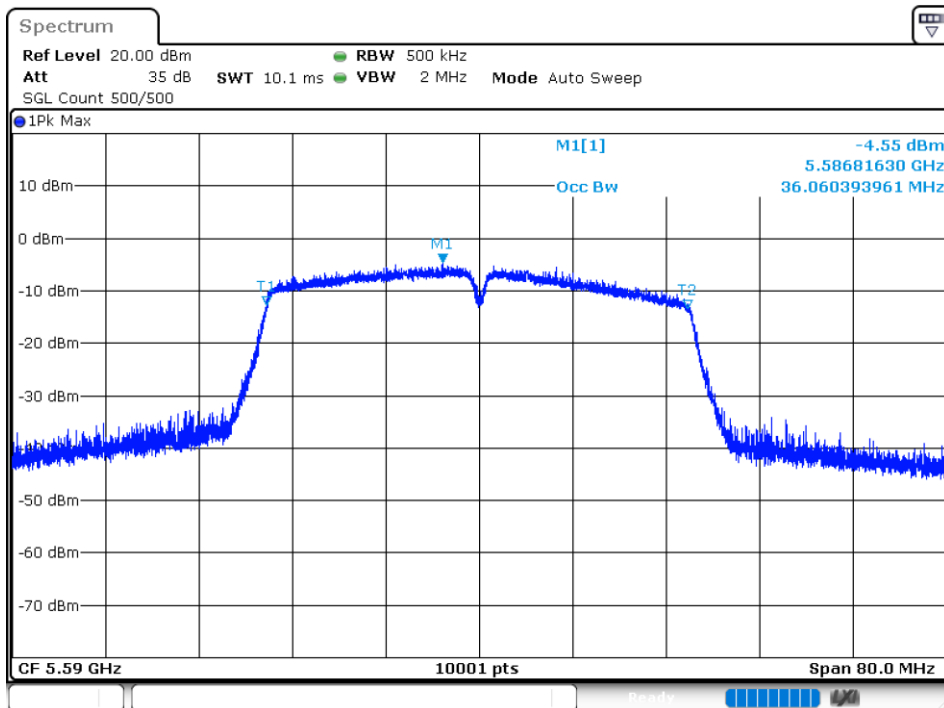
OBW NVNT 802.11ac40 5510MHz Ant1



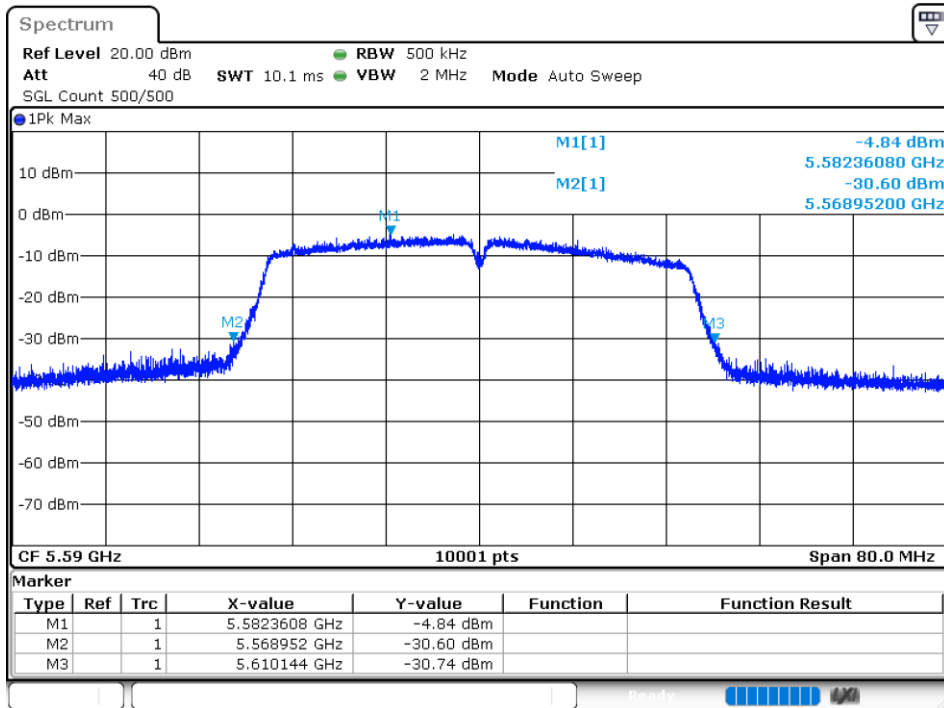
-26 dB BW NVNT 802.11ac40 5510MHz Ant1



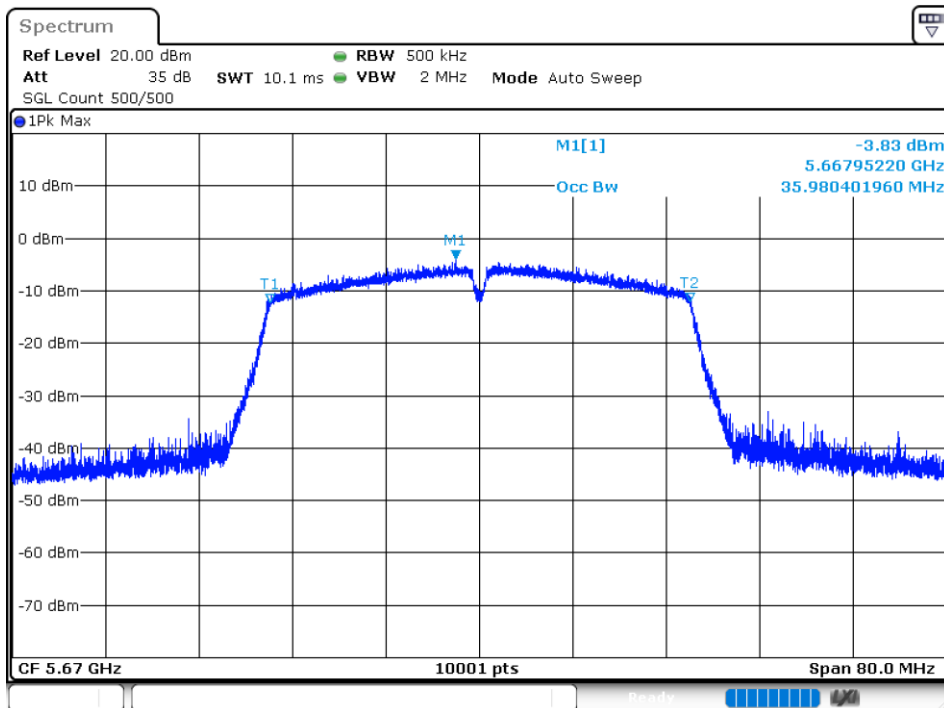
OBW NVNT 802.11ac40 5590MHz Ant1



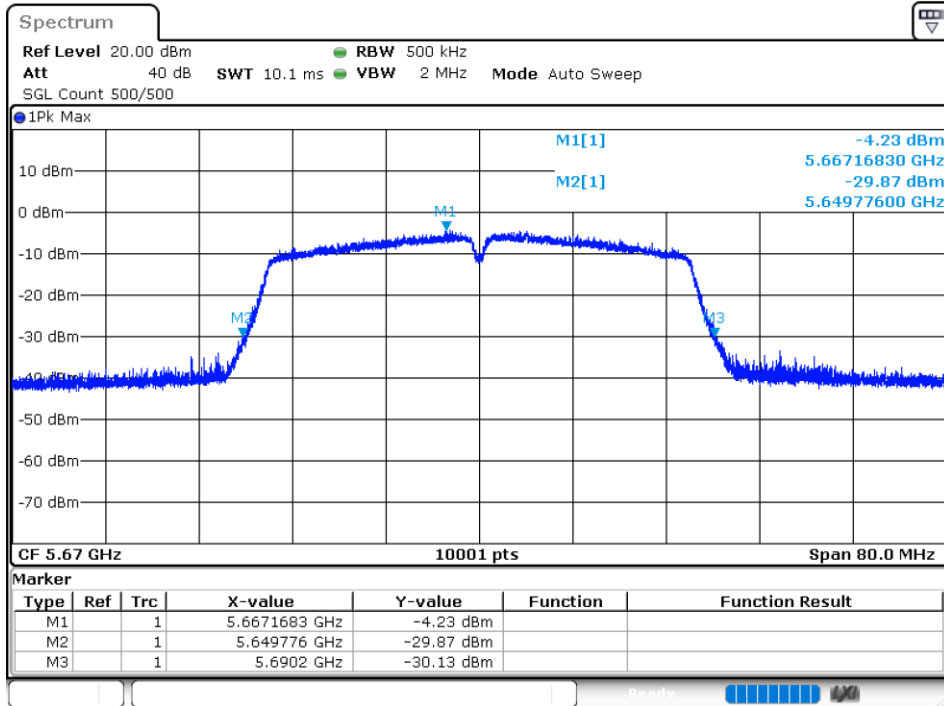
-26 dB BW NVNT 802.11ac40 5590MHz Ant1



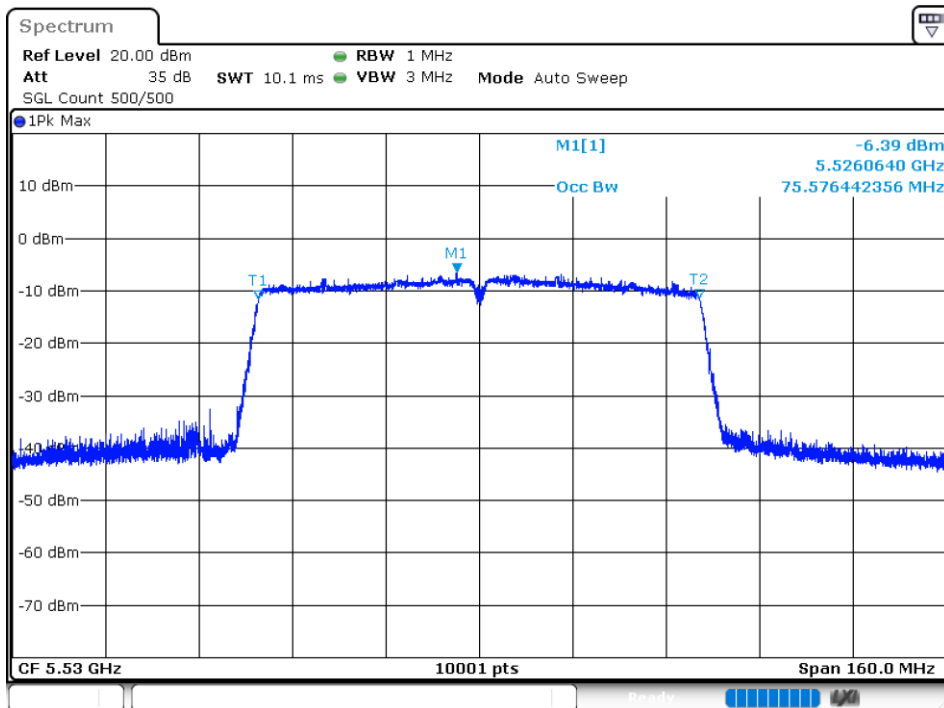
OBW NVNT 802.11ac40 5670MHz Ant1



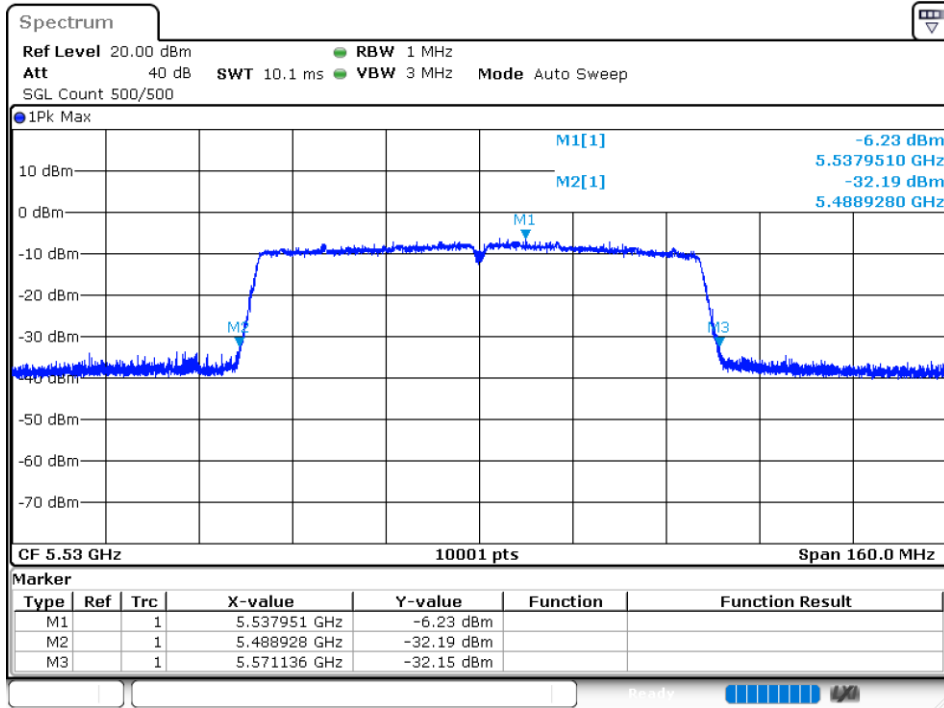
-26 dB BW NVNT 802.11ac40 5670MHz Ant1



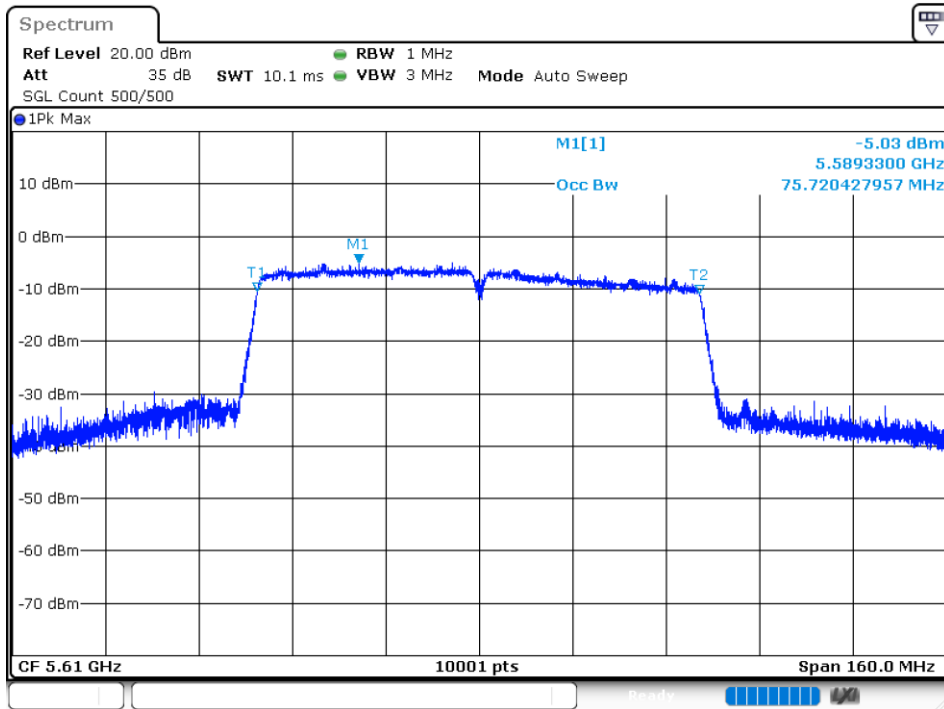
OBW NVNT 802.11ac80 5530MHz Ant1



-26 dB BW NVNT 802.11ac80 5530MHz Ant1

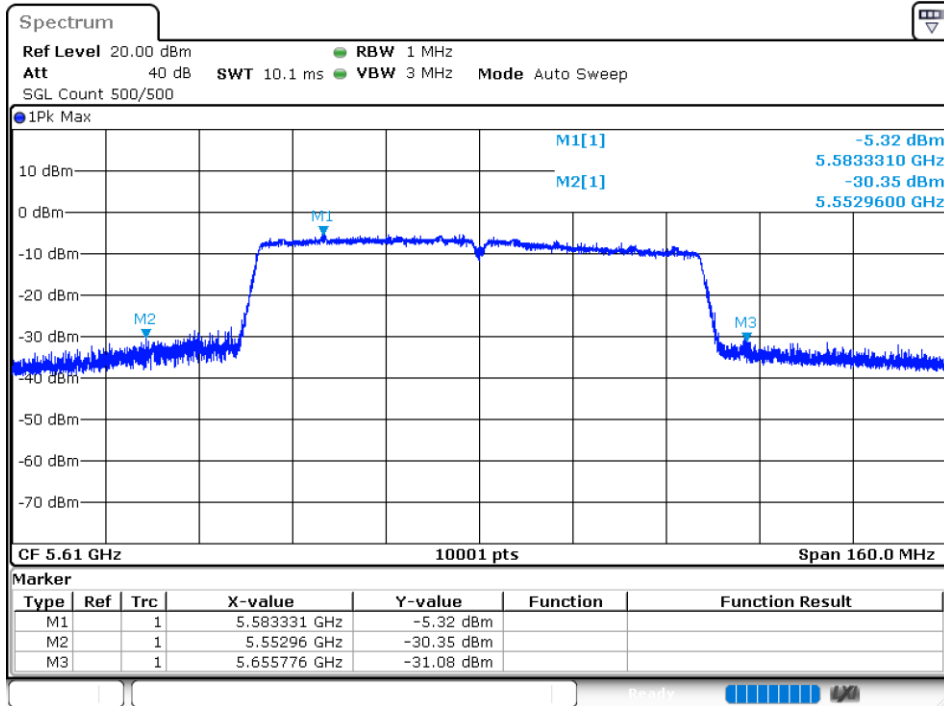


OBW NVNT 802.11ac80 5610MHz Ant1

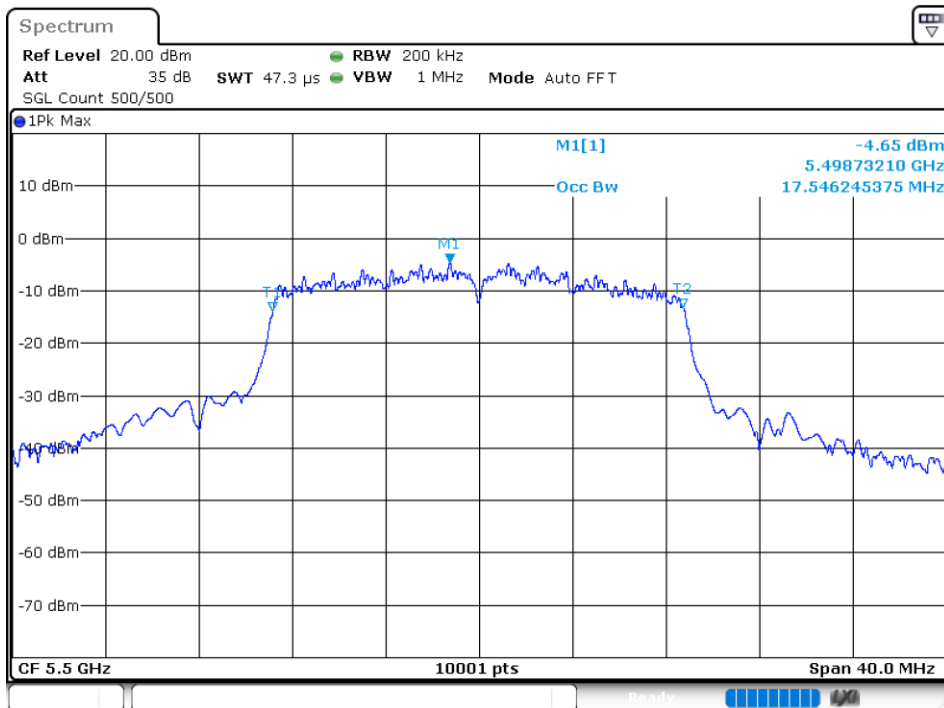


-26 dB BW NVNT 802.11ac80 5610MHz Ant1

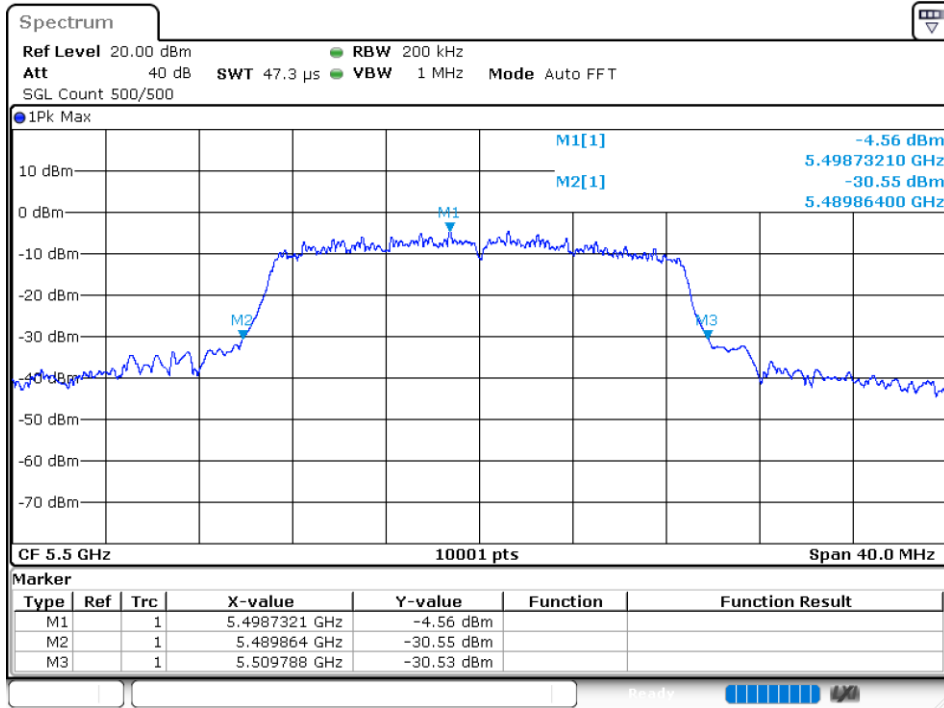




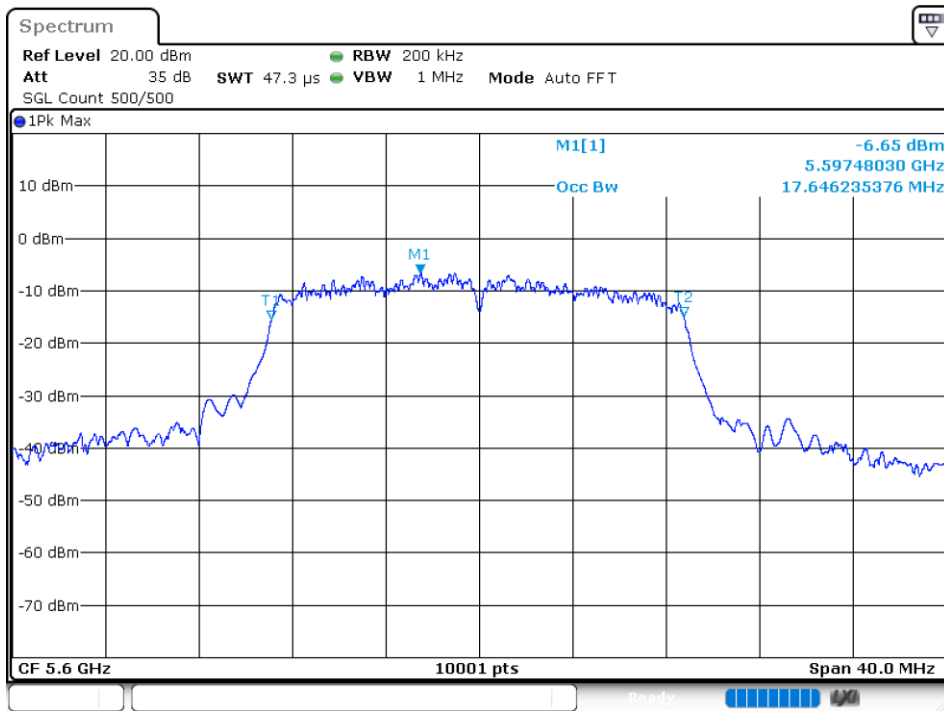
OBW NVNT 802.11n(HT20) 5500MHz Ant1



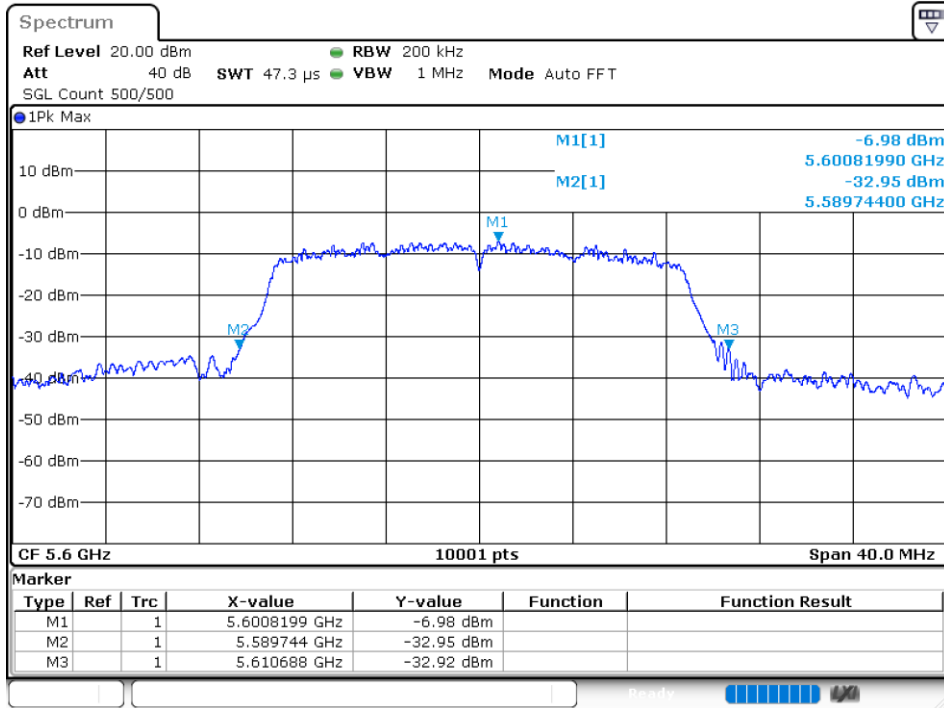
-26 dB BW NVNT 802.11n(HT20) 5500MHz Ant1



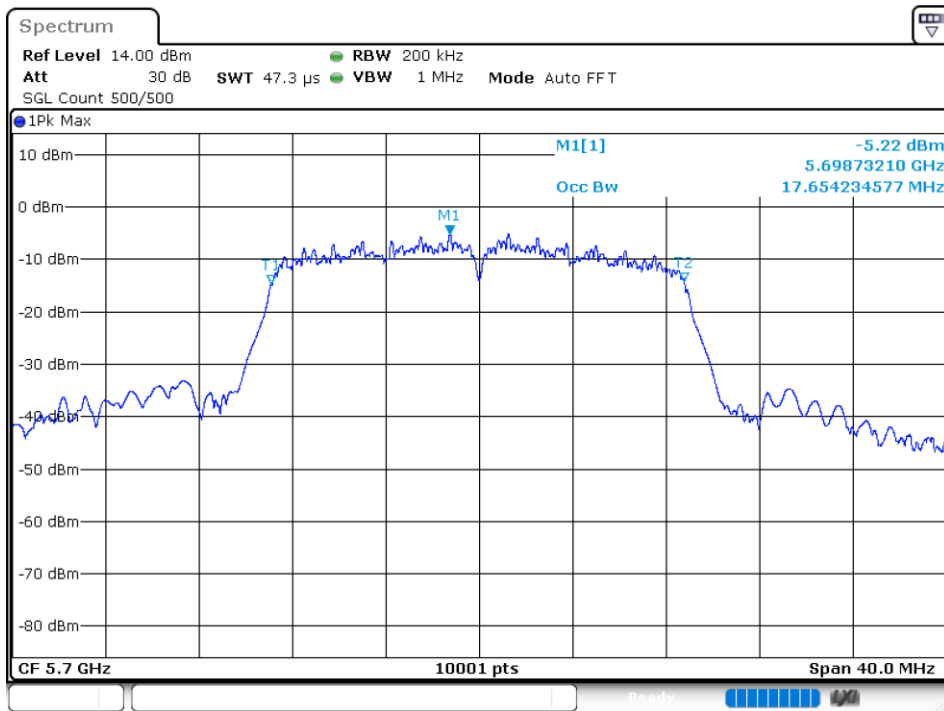
OBW NVNT 802.11n(HT20) 5600MHz Ant1



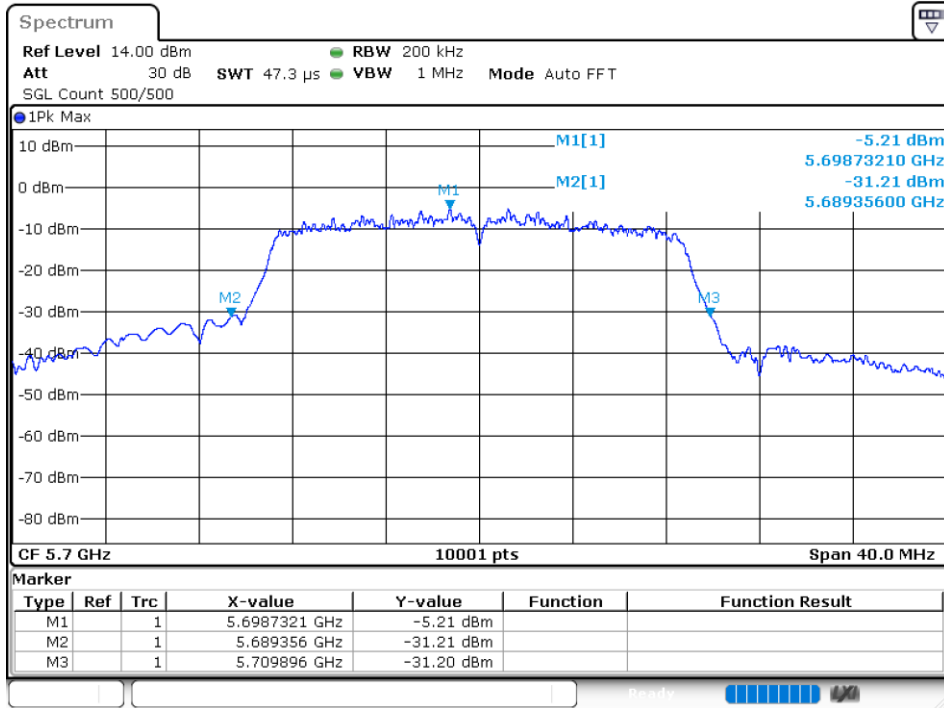
-26 dB BW NVNT 802.11n(HT20) 5600MHz Ant1



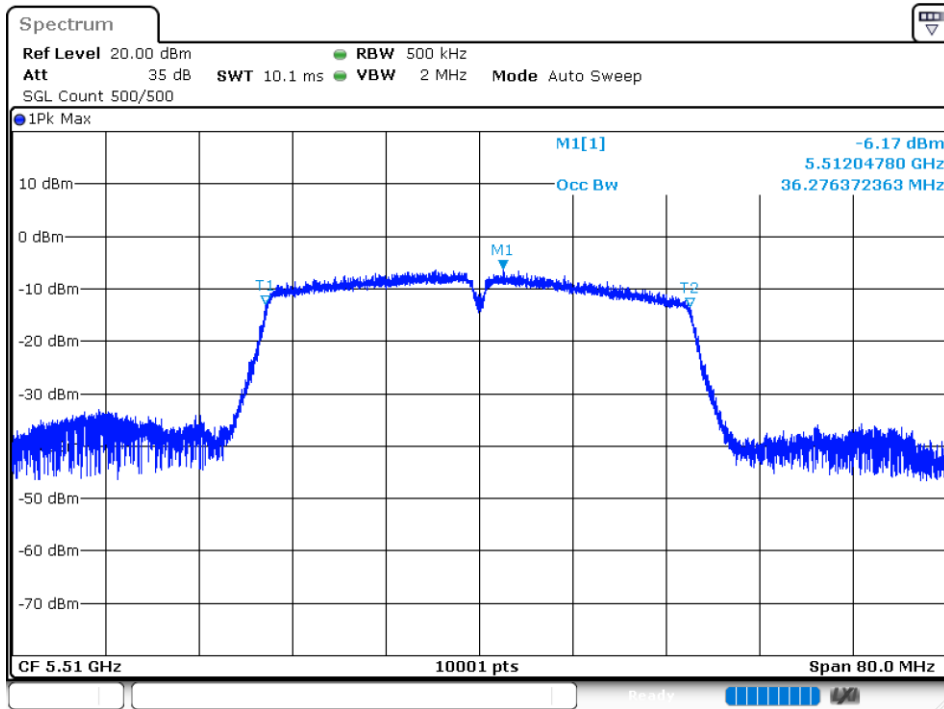
OBW NVNT 802.11n(HT20) 5700MHz Ant1



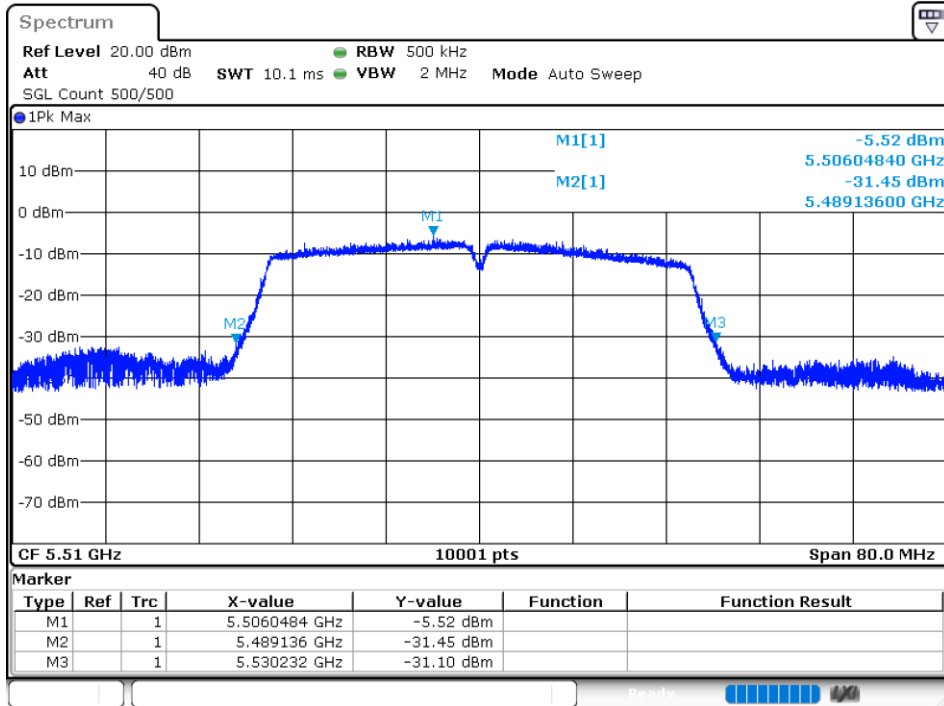
-26 dB BW NVNT 802.11n(HT20) 5700MHz Ant1



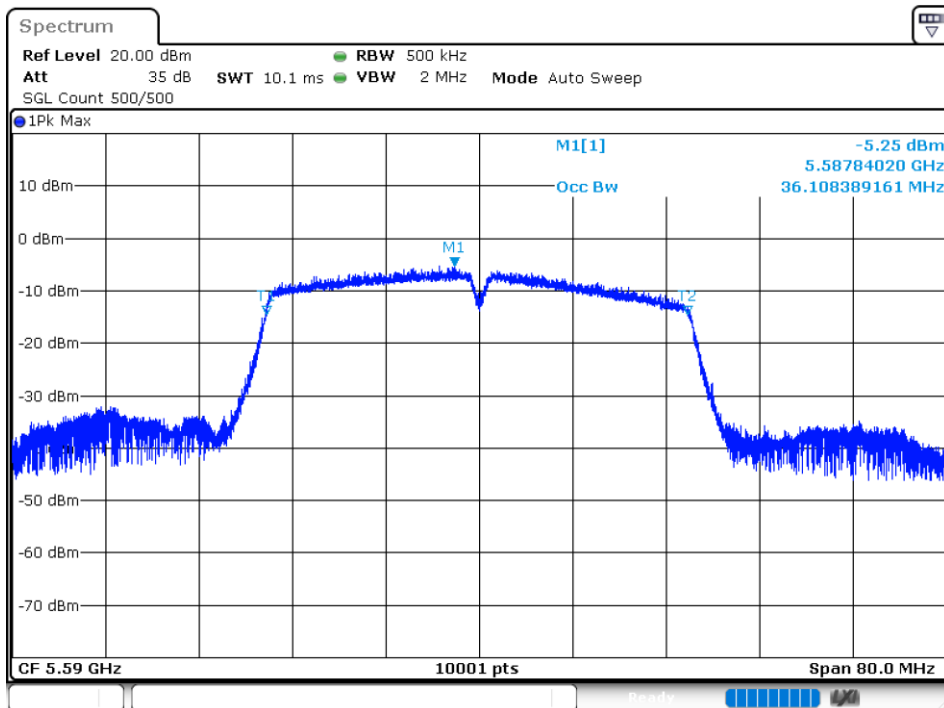
OBW NVNT 802.11n(HT40) 5510MHz Ant1



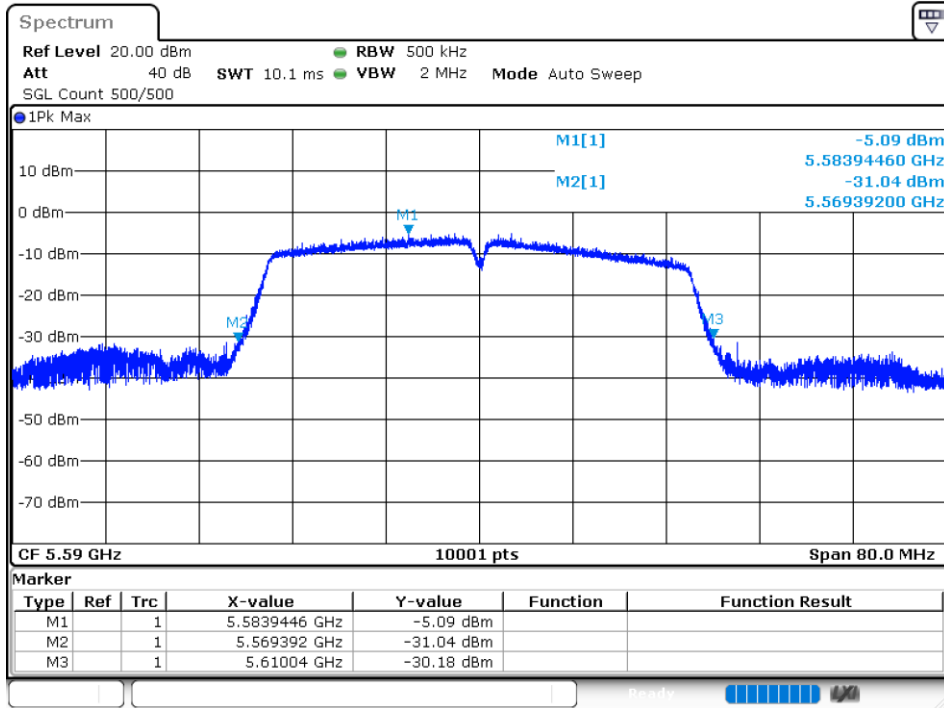
-26 dB BW NVNT 802.11n(HT40) 5510MHz Ant1



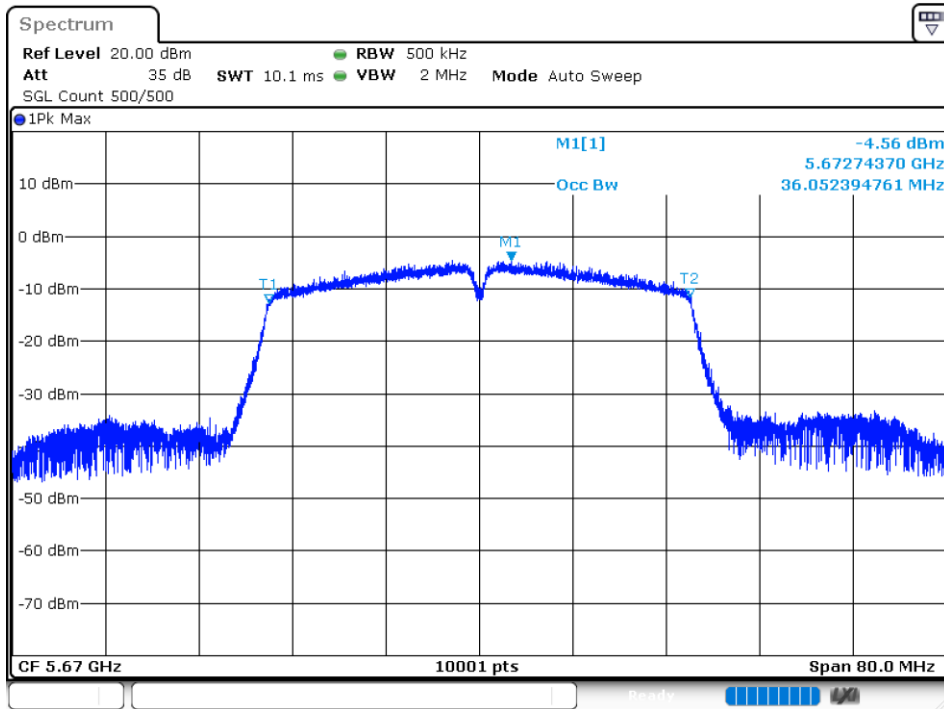
OBW NVNT 802.11n(HT40) 5590MHz Ant1



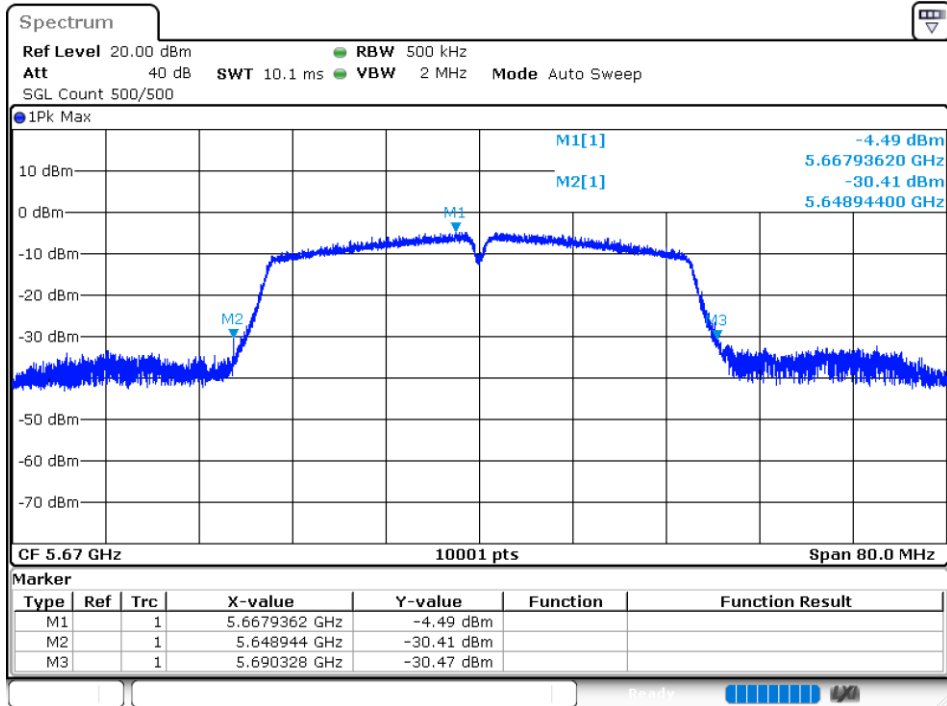
-26 dB BW NVNT 802.11n(HT40) 5590MHz Ant1



OBW NVNT 802.11n(HT40) 5670MHz Ant1



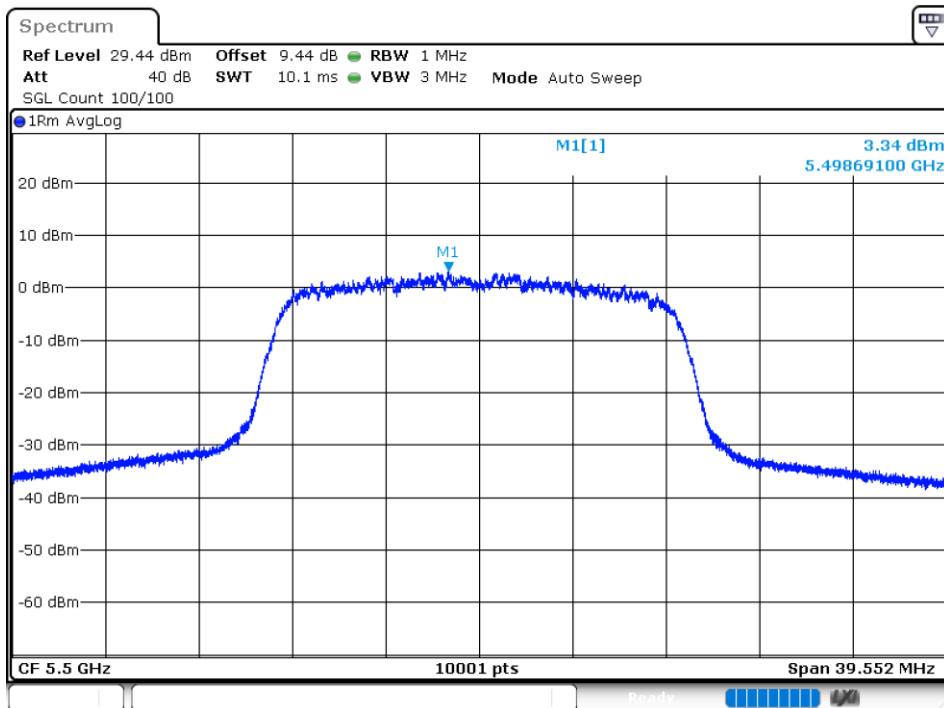
-26 dB BW NVNT 802.11n(HT40) 5670MHz Ant1



**Maximum Power Spectral Density Level**

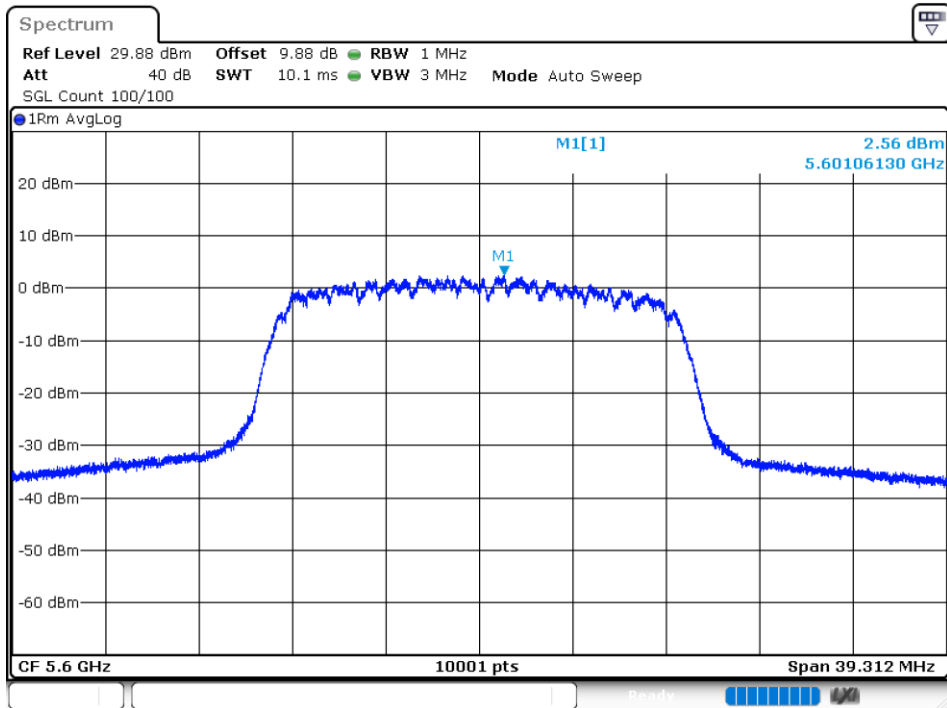
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5500	Ant 1	3.344	11	Pass
NVNT	802.11a	5600	Ant 1	2.559	11	Pass
NVNT	802.11a	5700	Ant 1	2.973	11	Pass
NVNT	802.11ac20	5500	Ant 1	1.932	11	Pass
NVNT	802.11ac20	5600	Ant 1	1.28	11	Pass
NVNT	802.11ac20	5700	Ant 1	1.61	11	Pass
NVNT	802.11ac40	5510	Ant 1	-4.206	11	Pass
NVNT	802.11ac40	5590	Ant 1	-2.831	11	Pass
NVNT	802.11ac40	5670	Ant 1	-2.593	11	Pass
NVNT	802.11ac80	5530	Ant 1	-10.16	11	Pass
NVNT	802.11ac80	5610	Ant 1	-8.821	11	Pass
NVNT	802.11n(HT20)	5500	Ant 1	1.999	11	Pass
NVNT	802.11n(HT20)	5600	Ant 1	1.199	11	Pass
NVNT	802.11n(HT20)	5700	Ant 1	1.734	11	Pass
NVNT	802.11n(HT40)	5510	Ant 1	-4.51	11	Pass
NVNT	802.11n(HT40)	5590	Ant 1	-3.411	11	Pass
NVNT	802.11n(HT40)	5670	Ant 1	-2.539	11	Pass

PSD NVNT 802.11a 5500MHz Ant1

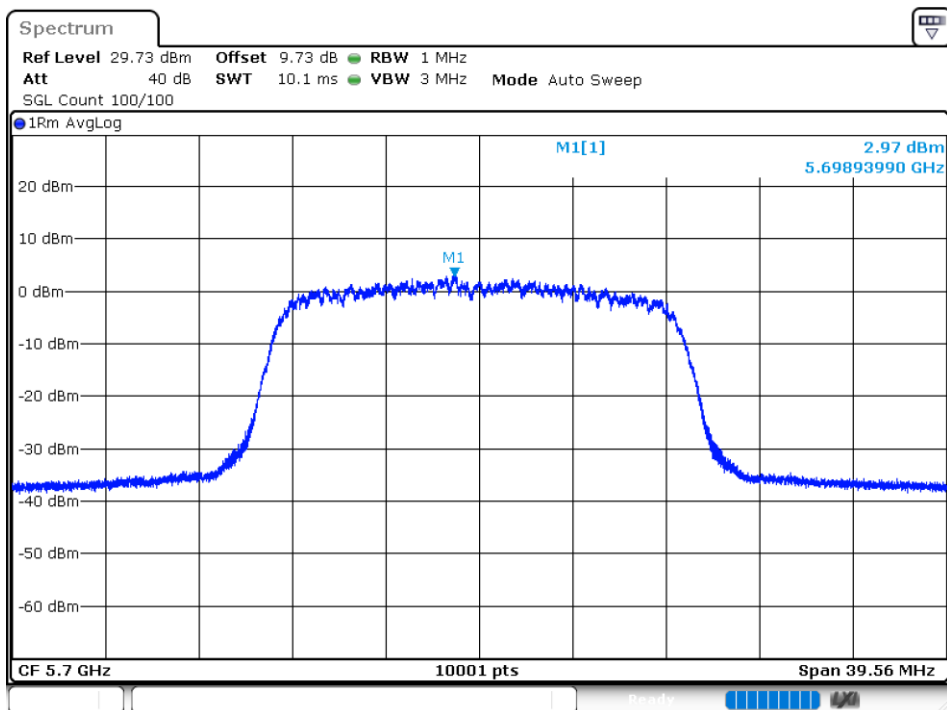


PSD NVNT 802.11a 5600MHz Ant1

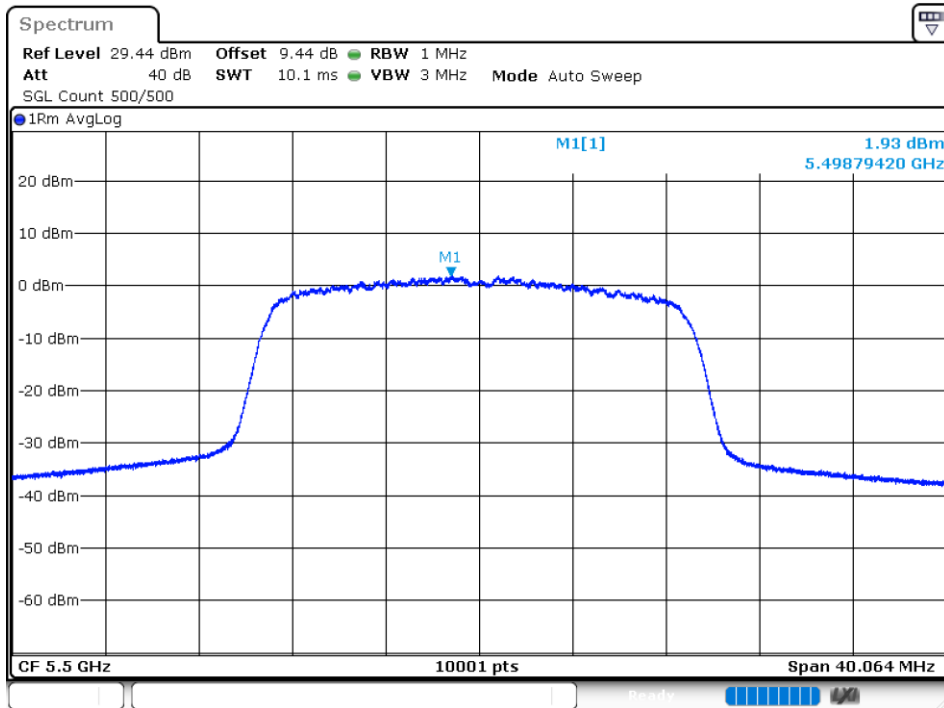




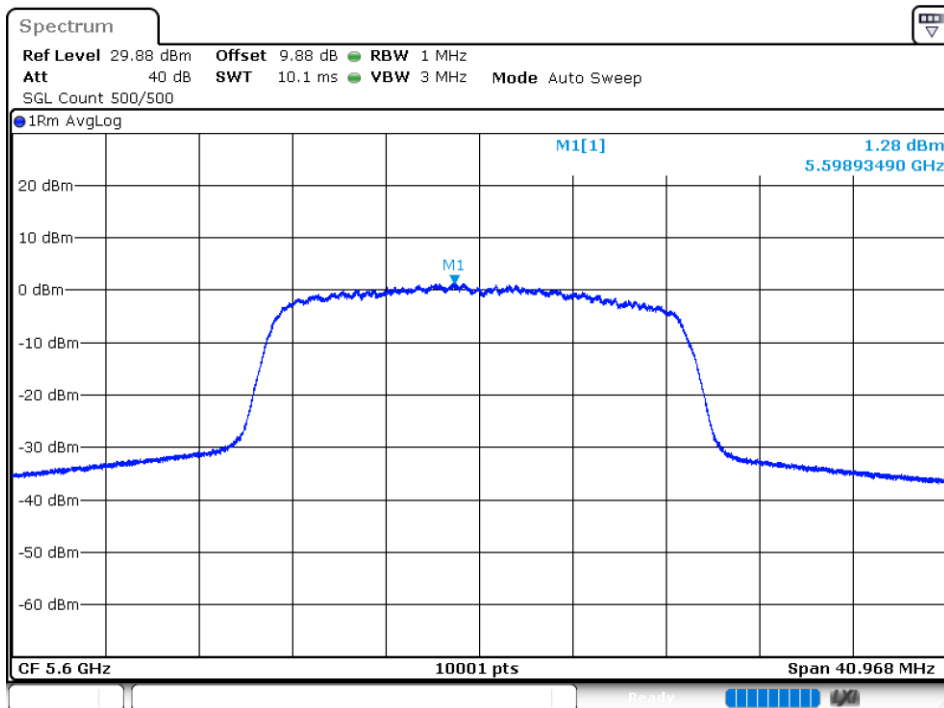
PSD NVNT 802.11a 5700MHz Ant1



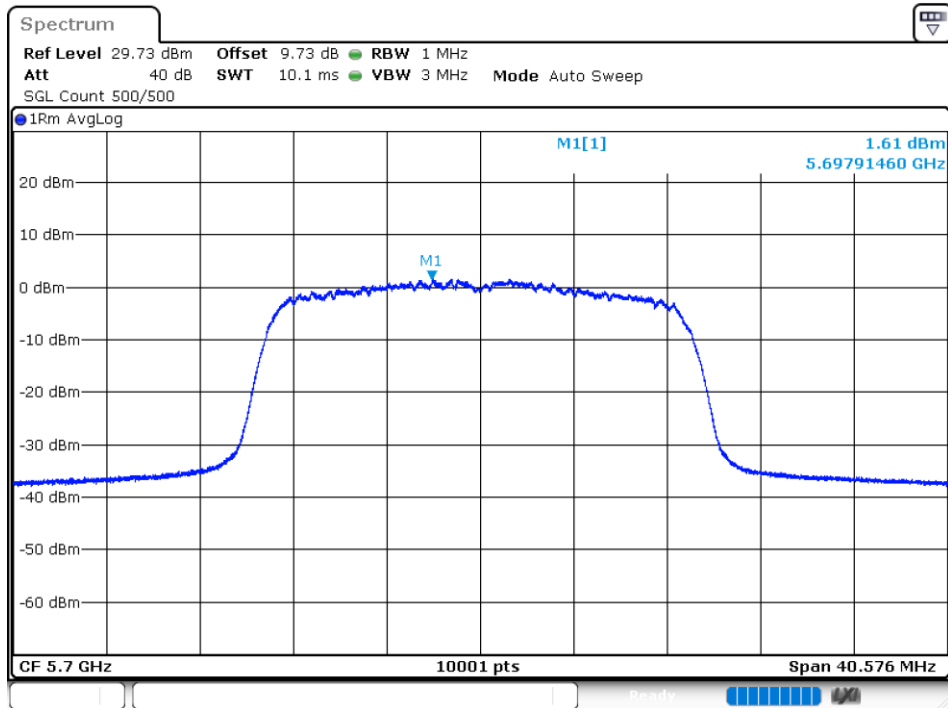
PSD NVNT 802.11ac20 5500MHz Ant1



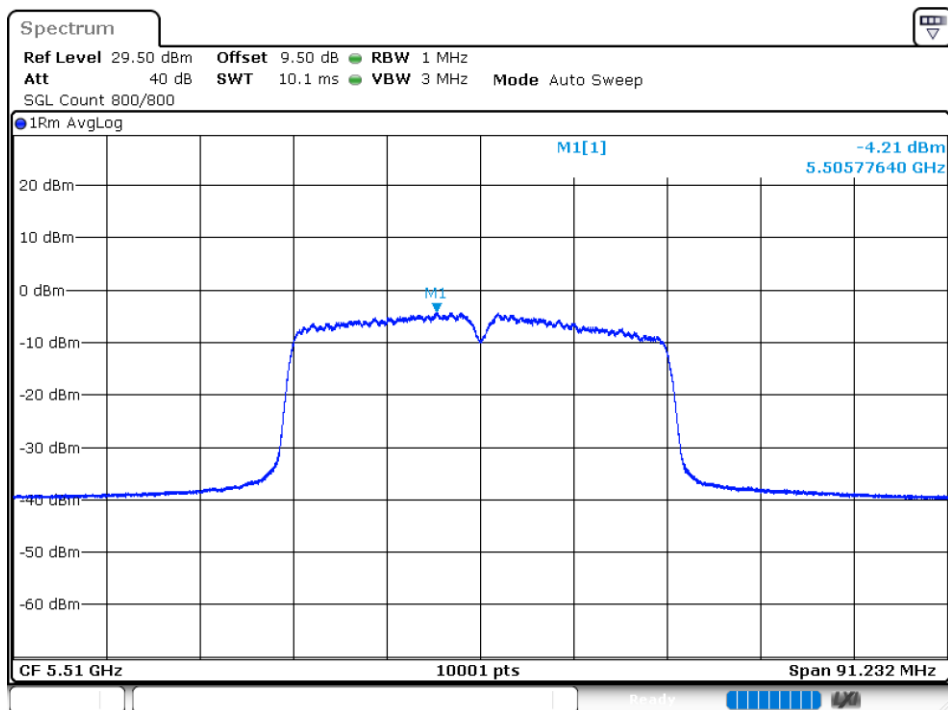
PSD NVNT 802.11ac20 5600MHz Ant1



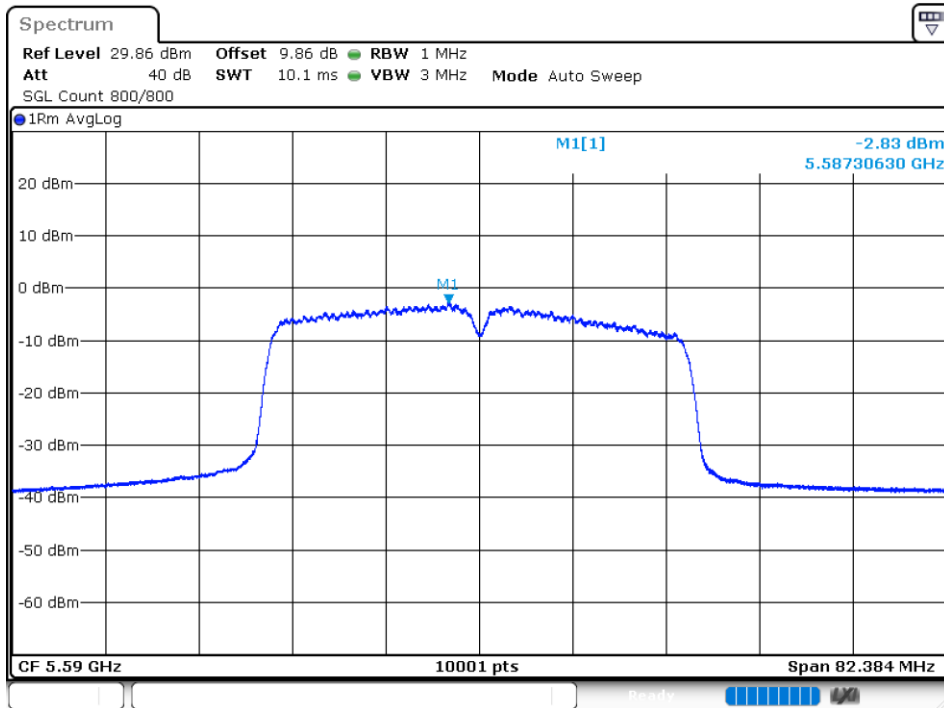
PSD NVNT 802.11ac20 5700MHz Ant1



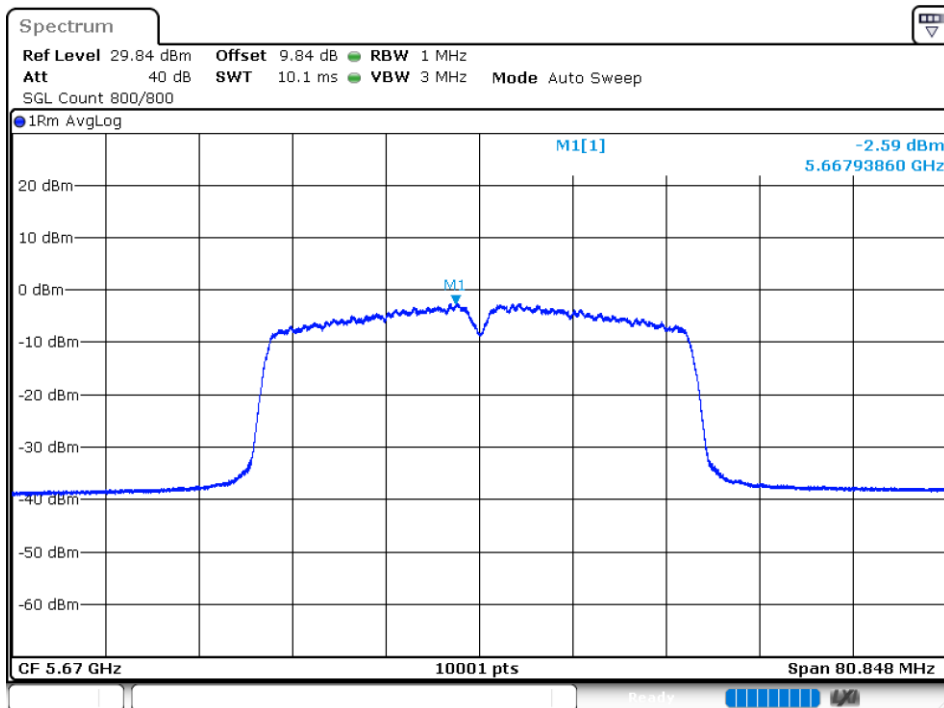
PSD NVNT 802.11ac40 5510MHz Ant1



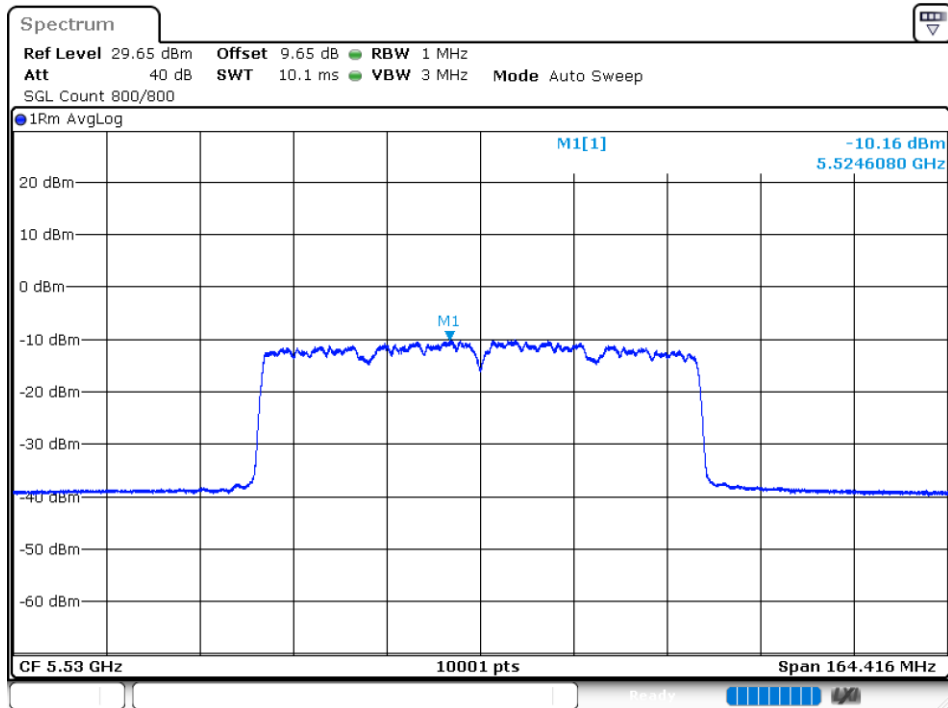
PSD NVNT 802.11ac40 5590MHz Ant1



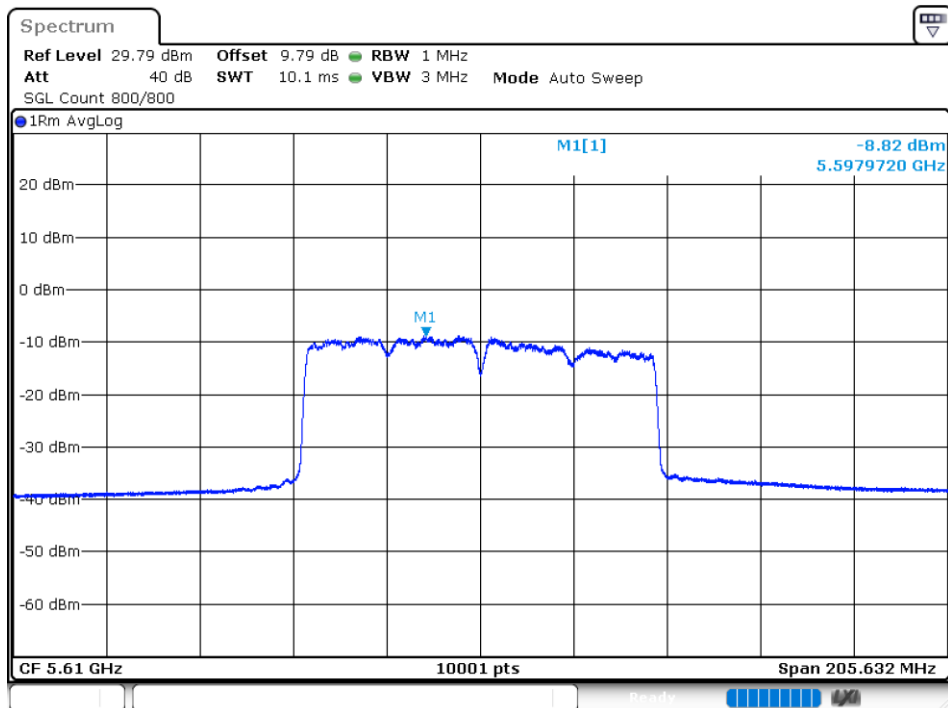
PSD NVNT 802.11ac40 5670MHz Ant1



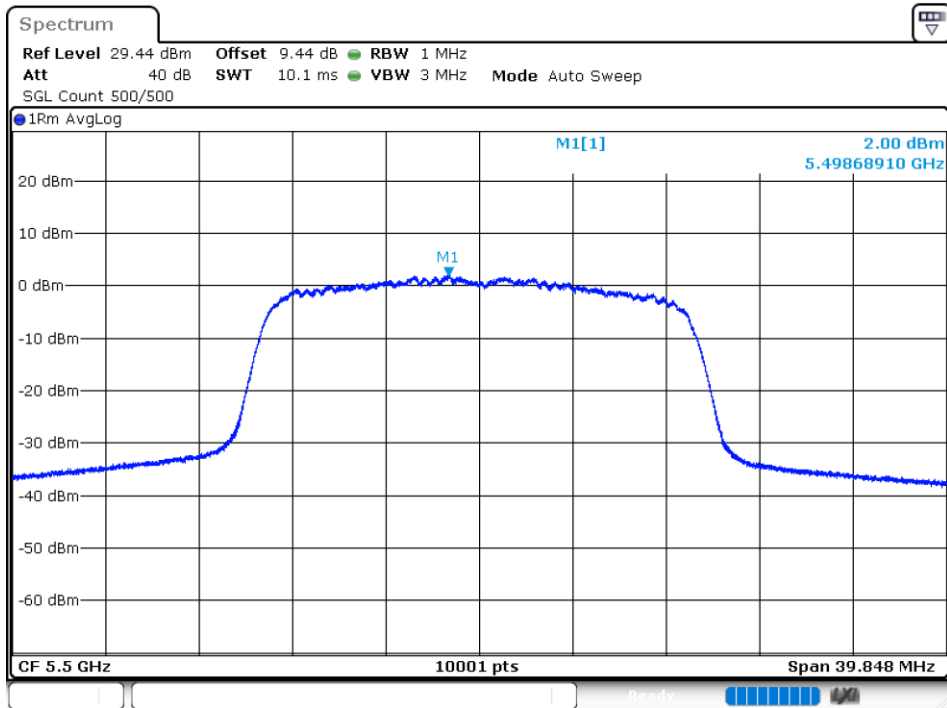
PSD NVNT 802.11ac80 5530MHz Ant1



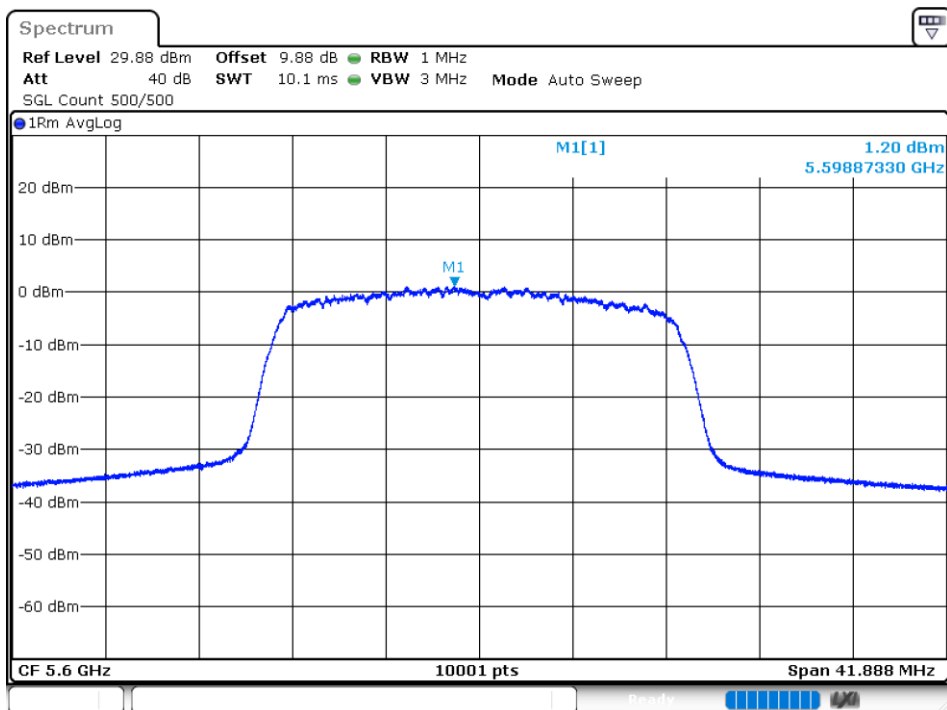
PSD NVNT 802.11ac80 5610MHz Ant1



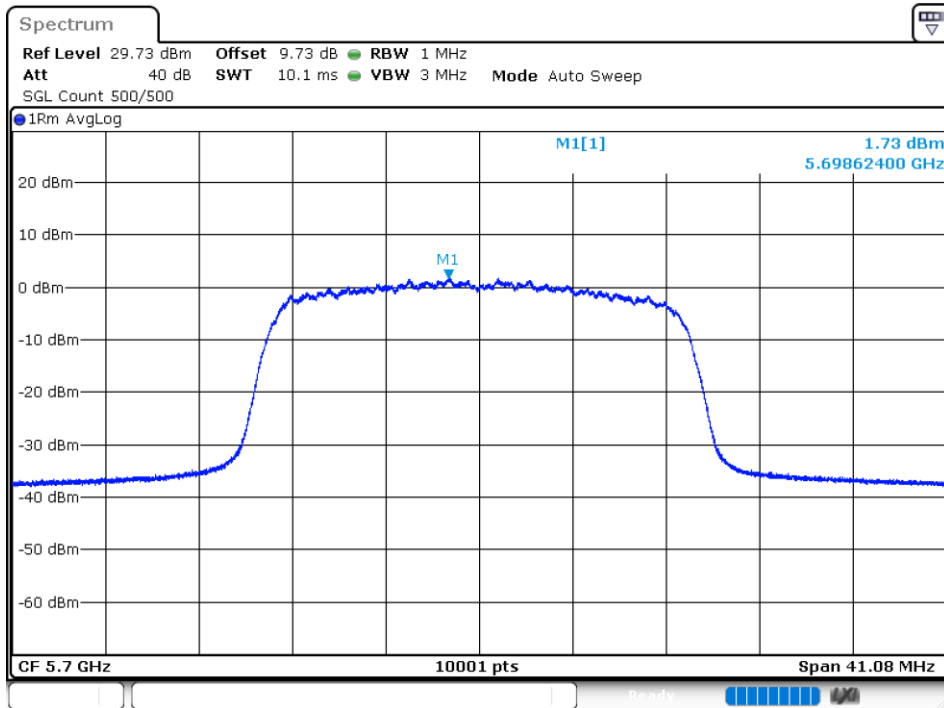
PSD NVNT 802.11n(HT20) 5500MHz Ant1



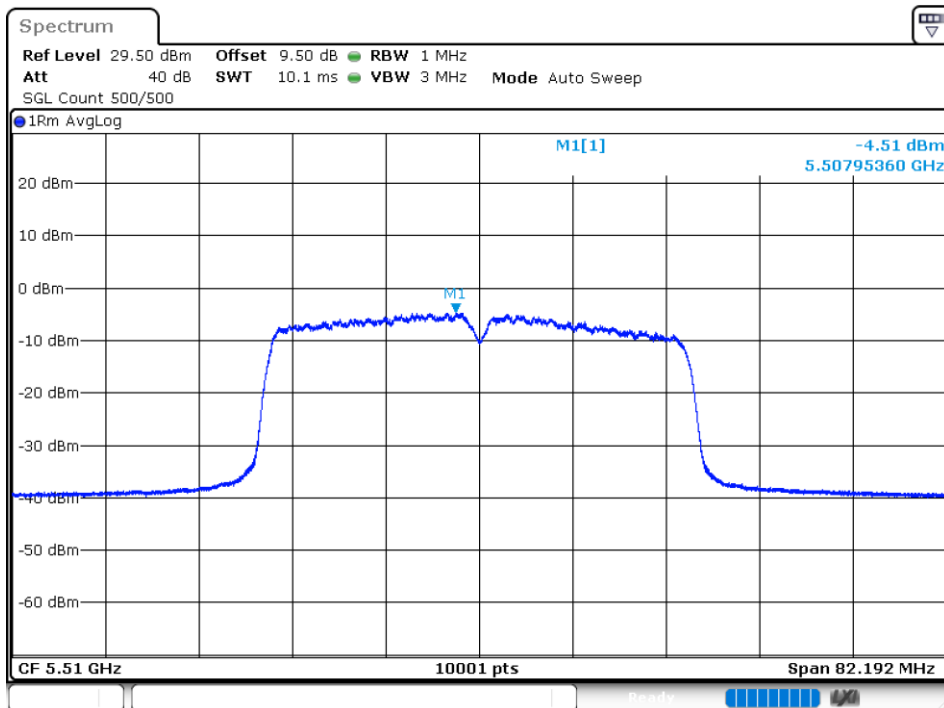
PSD NVNT 802.11n(HT20) 5600MHz Ant1



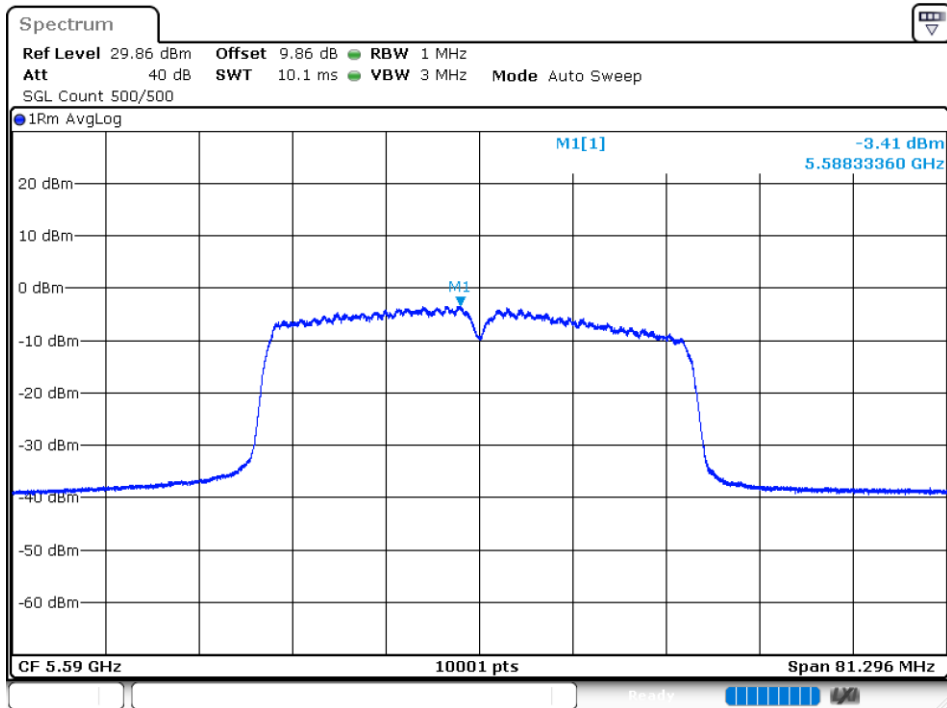
PSD NVNT 802.11n(HT20) 5700MHz Ant1



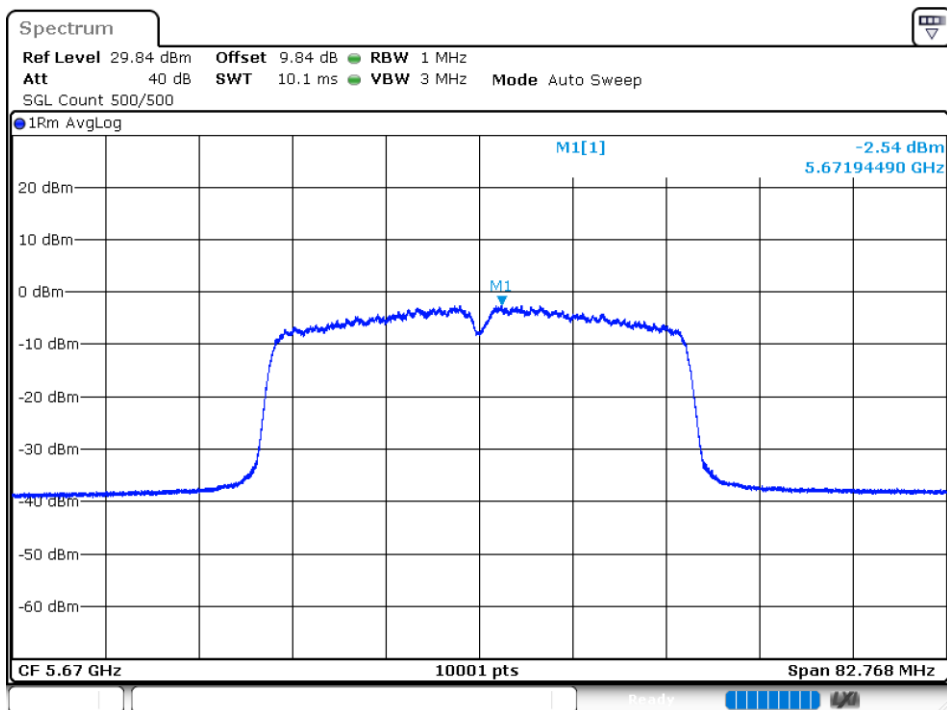
PSD NVNT 802.11n(HT40) 5510MHz Ant1



PSD NVNT 802.11n(HT40) 5590MHz Ant1



PSD NVNT 802.11n(HT40) 5670MHz Ant1

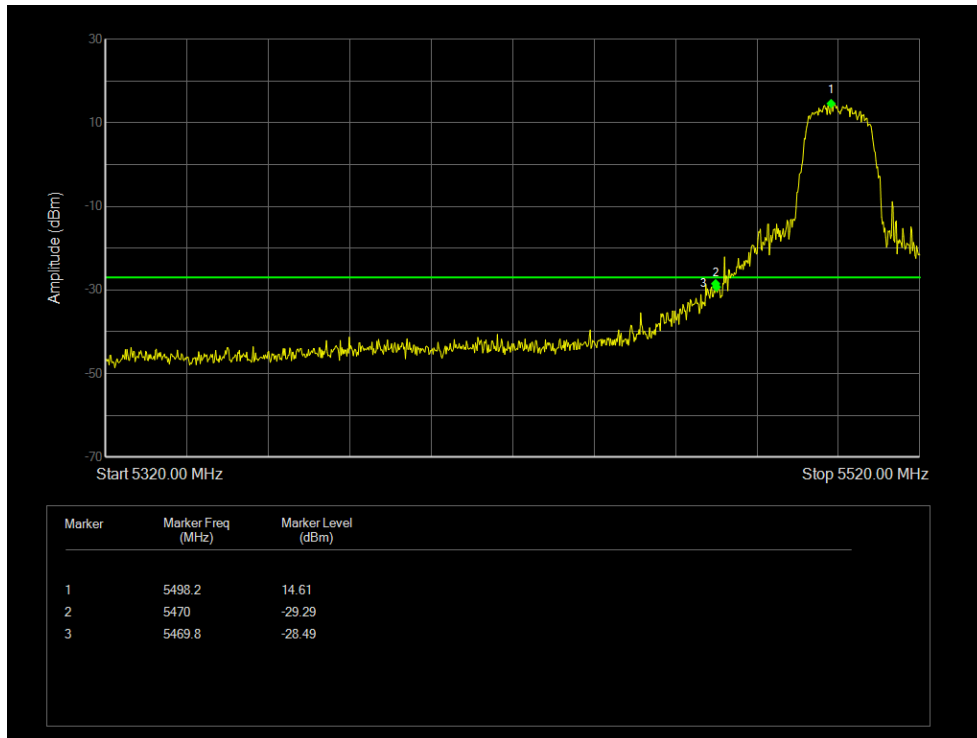




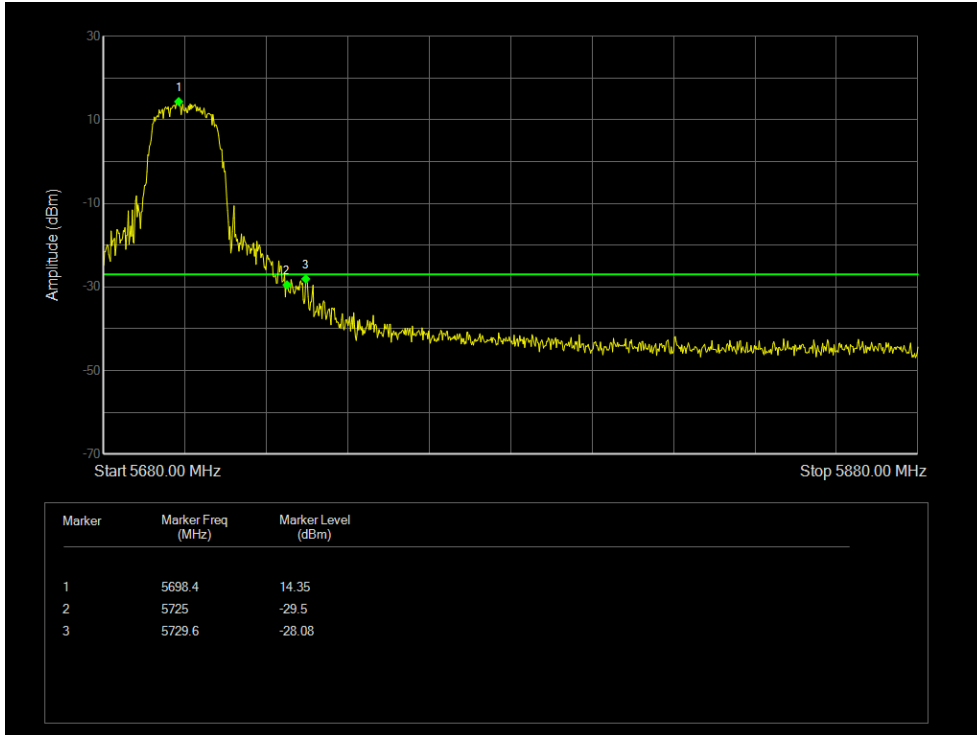
**Band Edge**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5500	Ant 1	-28.49	-27	Pass
NVNT	802.11a	5700	Ant 1	-28.08	-27	Pass
NVNT	802.11ac20	5500	Ant 1	-28.23	-27	Pass
NVNT	802.11ac20	5700	Ant 1	-27.43	-27	Pass
NVNT	802.11ac40	5510	Ant 1	-27.07	-27	Pass
NVNT	802.11ac40	5670	Ant 1	-35.71	-27	Pass
NVNT	802.11ac80	5530	Ant 1	-29.1	-27	Pass
NVNT	802.11ac80	5610	Ant 1	-34.41	-27	Pass
NVNT	802.11n(HT20)	5500	Ant 1	-29.8	-27	Pass
NVNT	802.11n(HT20)	5700	Ant 1	-27.84	-27	Pass
NVNT	802.11n(HT40)	5510	Ant 1	-27.74	-27	Pass
NVNT	802.11n(HT40)	5670	Ant 1	-32.83	-27	Pass

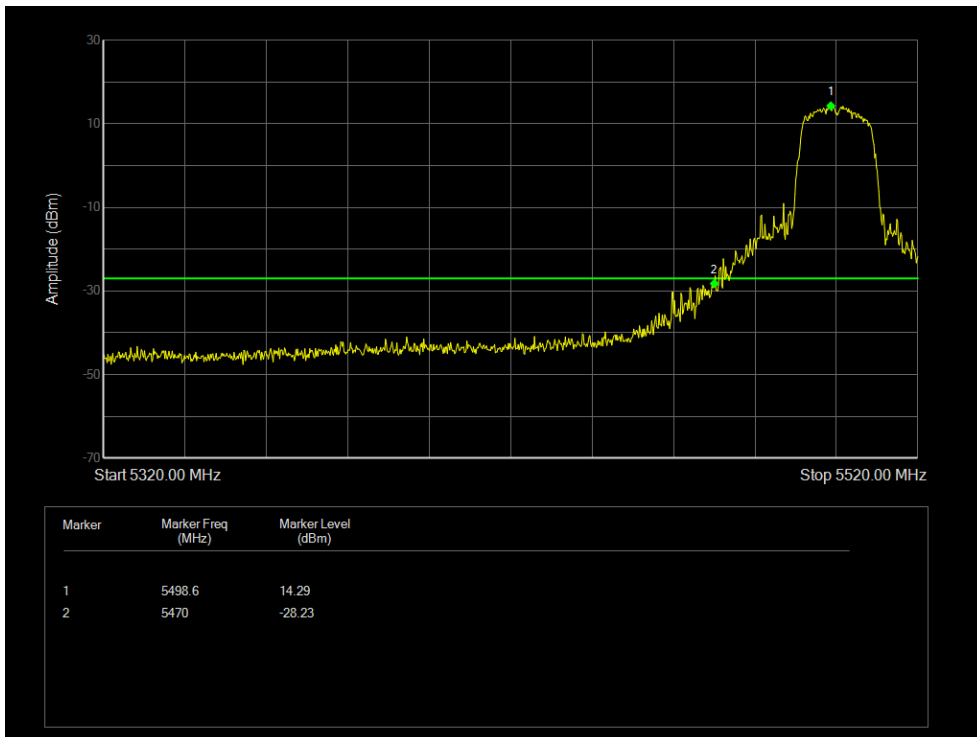
Band Edge NVNT 802.11a 5500MHz Low Ant1



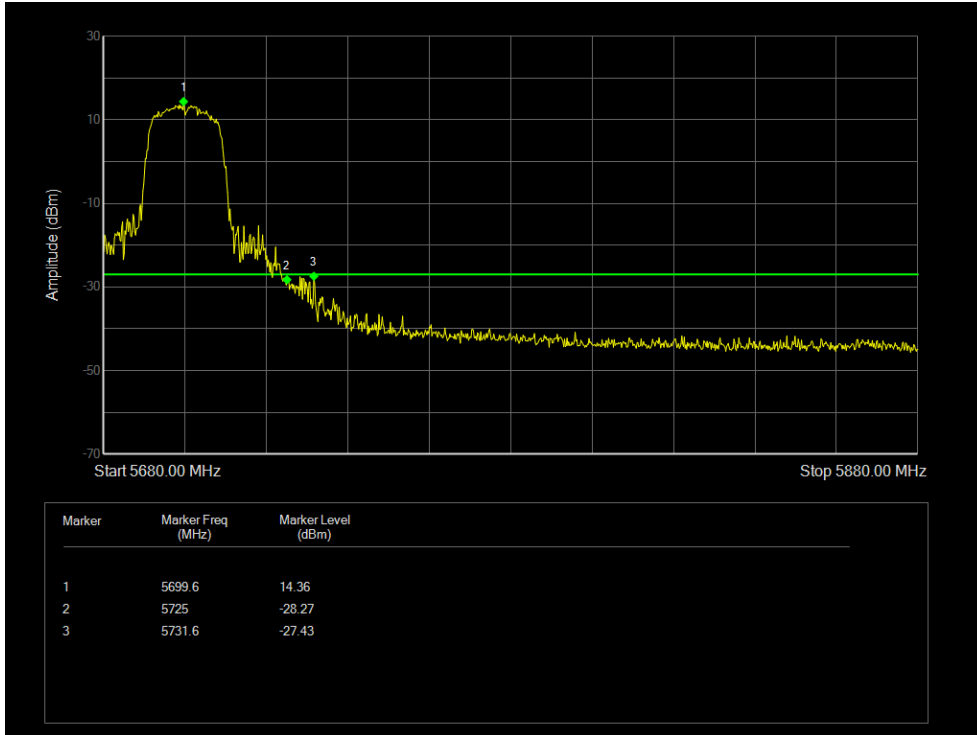
Band Edge NVNT 802.11a 5700MHz High Ant1



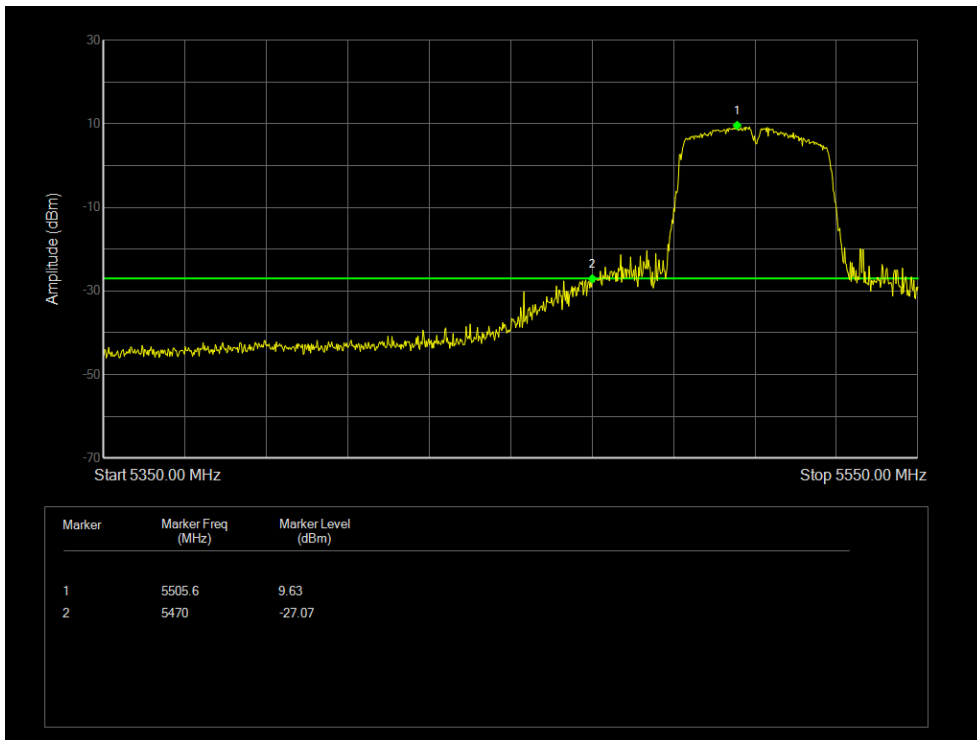
Band Edge NVNT 802.11ac20 5500MHz Low Ant1



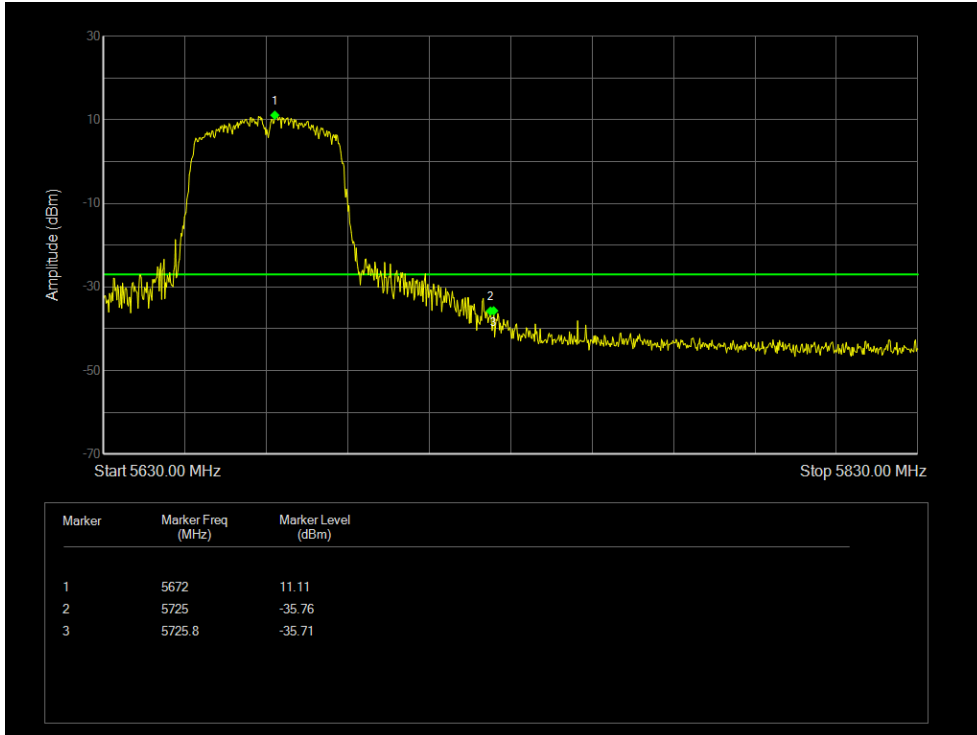
Band Edge NVNT 802.11ac20 5700MHz High Ant1



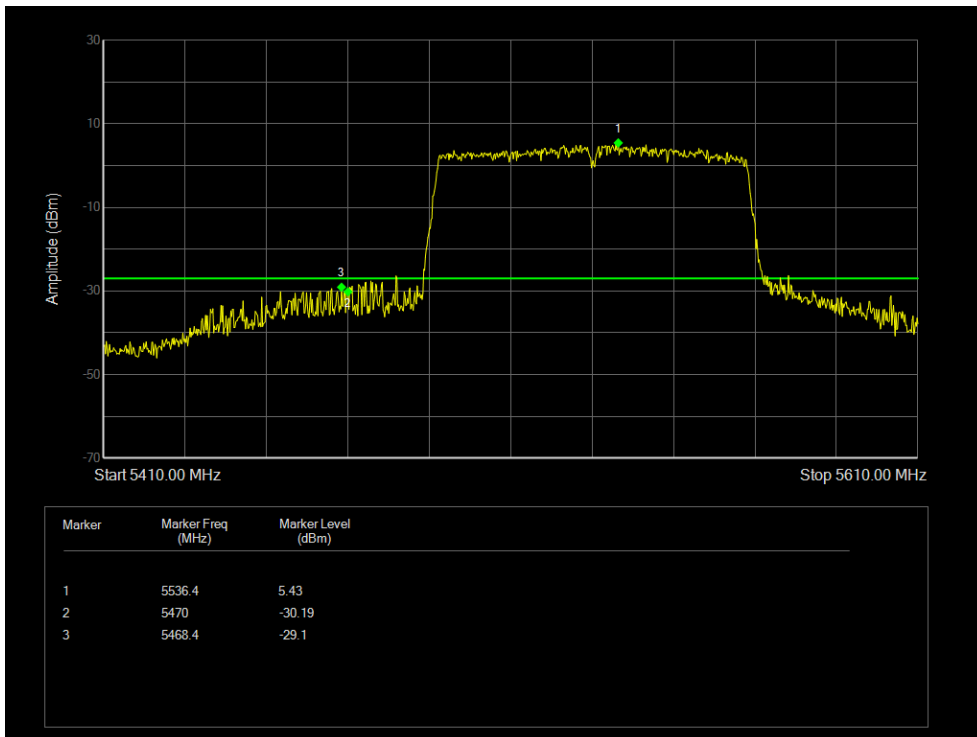
Band Edge NVNT 802.11ac40 5510MHz Low Ant1



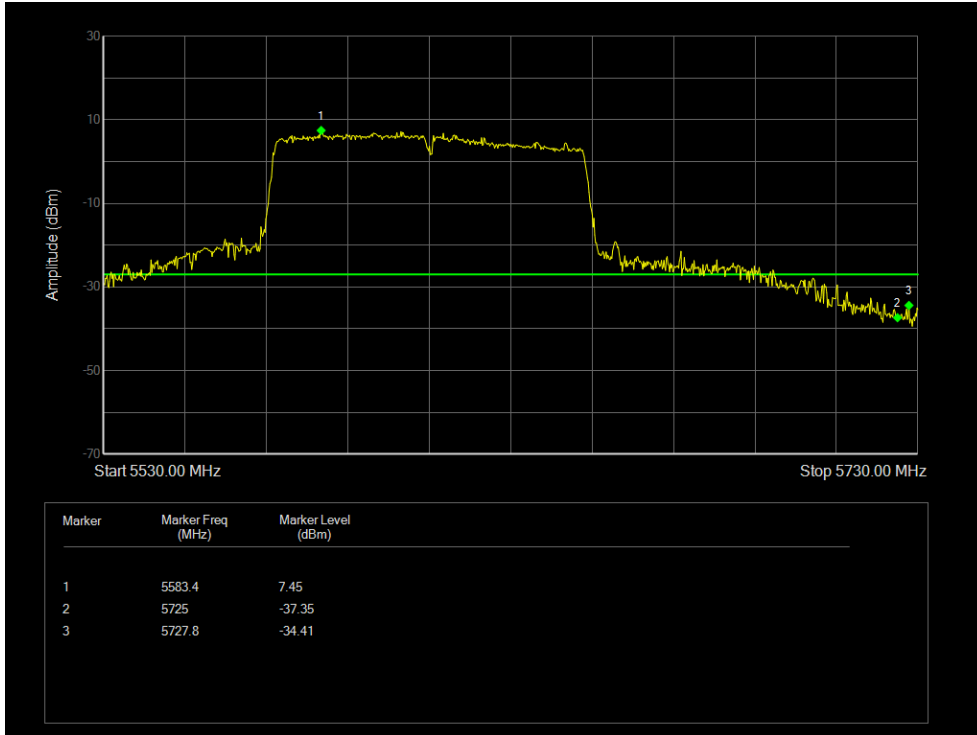
Band Edge NVNT 802.11ac40 5670MHz High Ant1



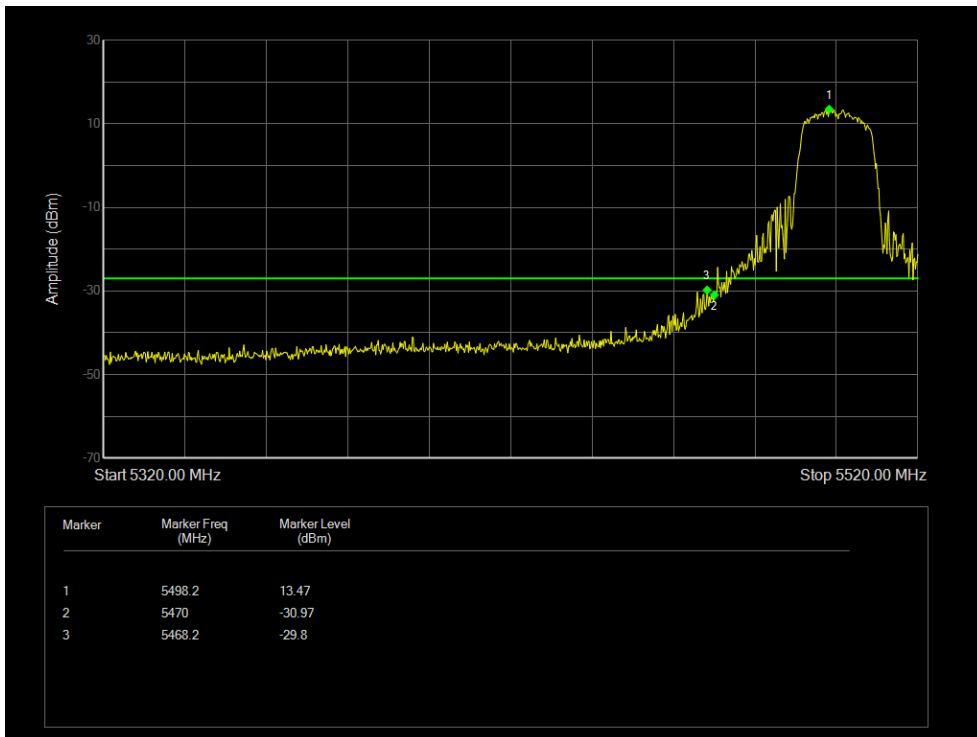
Band Edge NVNT 802.11ac80 5530MHz Low Ant1



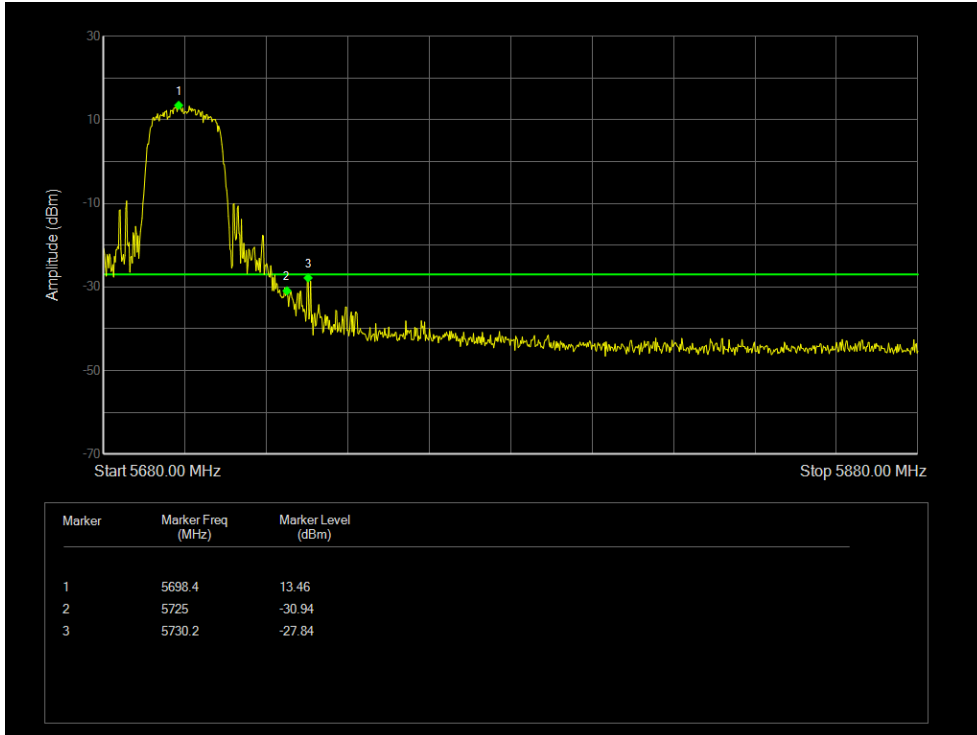
Band Edge NVNT 802.11ac80 5610MHz High Ant1



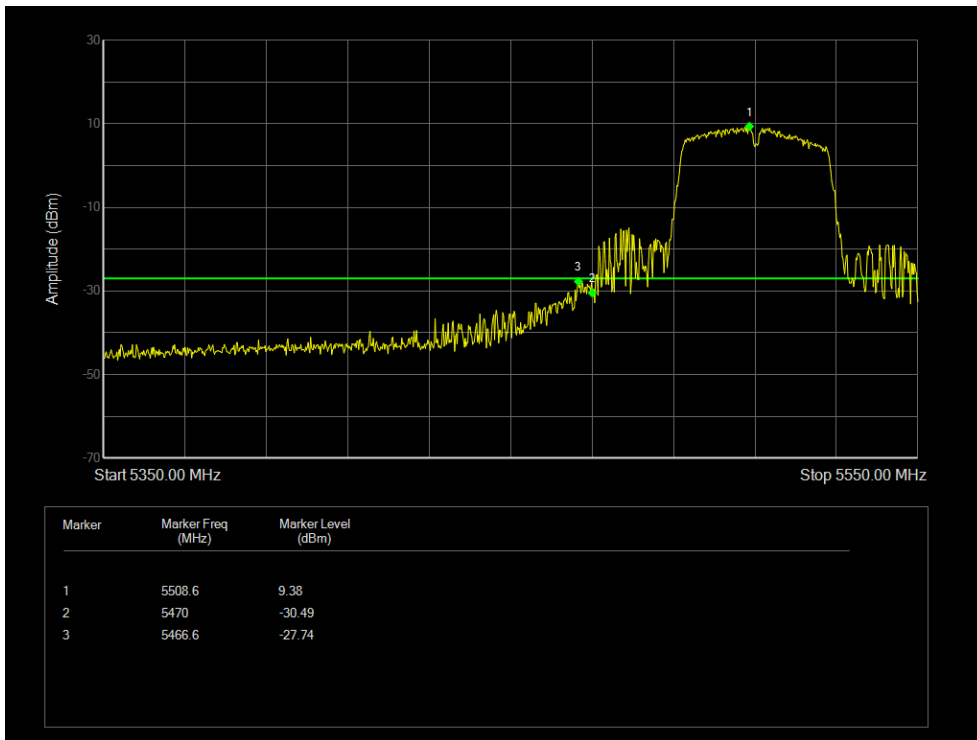
Band Edge NVNT 802.11n(HT20) 5500MHz Low Ant1



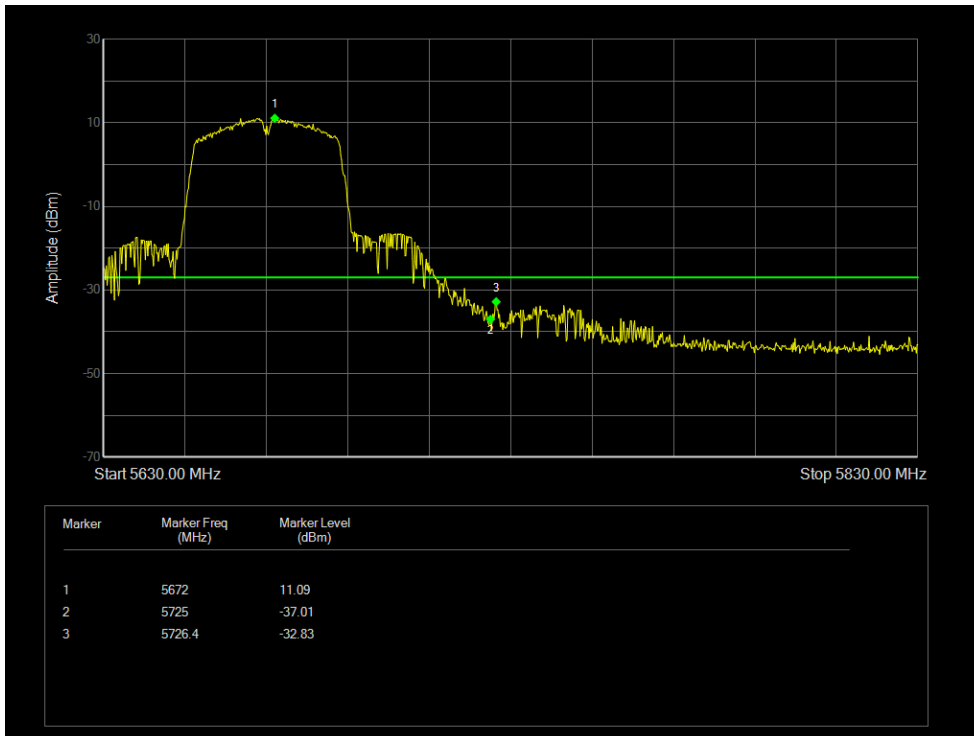
Band Edge NVNT 802.11n(HT20) 5700MHz High Ant1



Band Edge NVNT 802.11n(HT40) 5510MHz Low Ant1



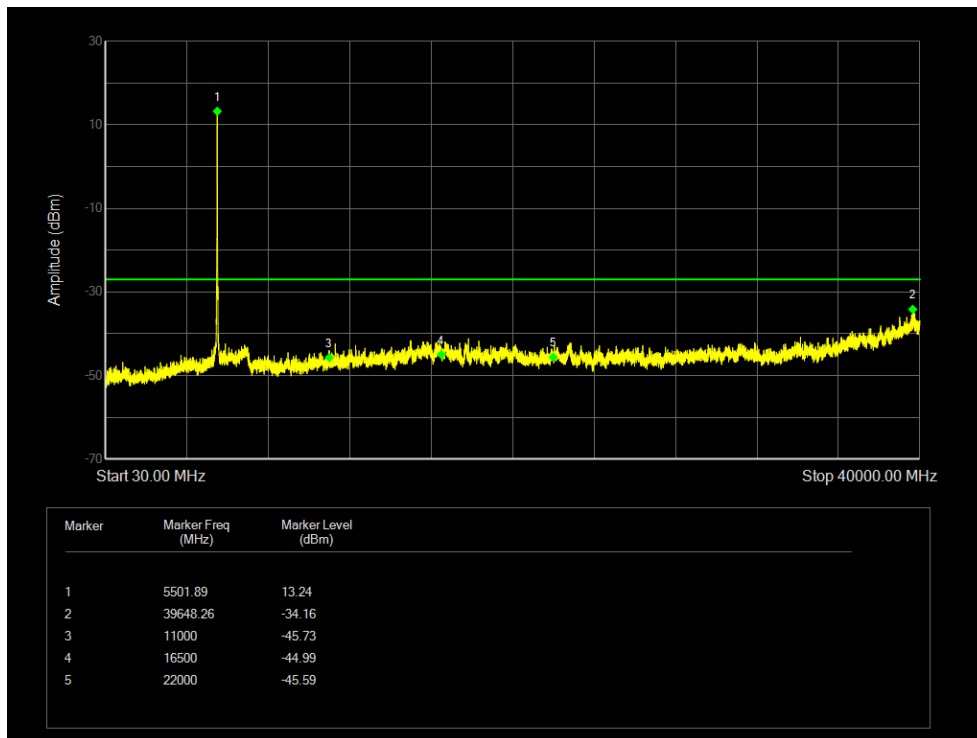
Band Edge NVNT 802.11n(HT40) 5670MHz High Ant1



**Conducted RF Spurious Emission**

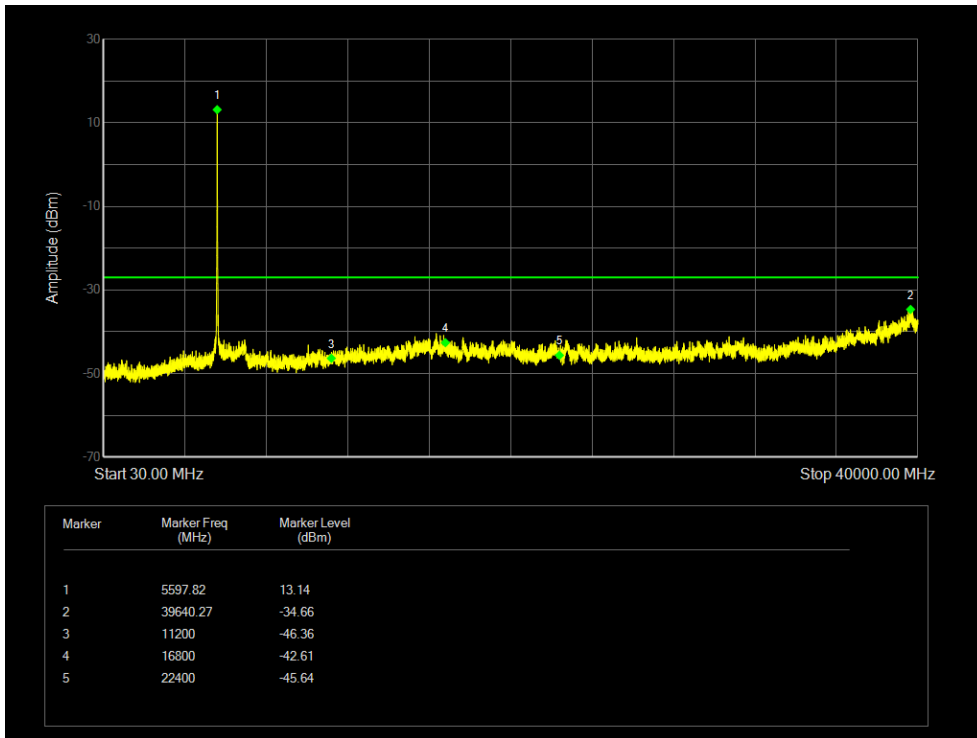
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5500	Ant 1	-34.16	-27	Pass
NVNT	802.11a	5600	Ant 1	-34.66	-27	Pass
NVNT	802.11a	5700	Ant 1	-34.76	-27	Pass
NVNT	802.11ac20	5500	Ant 1	-34.77	-27	Pass
NVNT	802.11ac20	5600	Ant 1	-33.86	-27	Pass
NVNT	802.11ac20	5700	Ant 1	-34.26	-27	Pass
NVNT	802.11ac40	5510	Ant 1	-35.41	-27	Pass
NVNT	802.11ac40	5590	Ant 1	-34.5	-27	Pass
NVNT	802.11ac40	5670	Ant 1	-45.29	-27	Pass
NVNT	802.11ac80	5530	Ant 1	-34.55	-27	Pass
NVNT	802.11ac80	5610	Ant 1	-34.52	-27	Pass
NVNT	802.11n(HT20)	5500	Ant 1	-34.77	-27	Pass
NVNT	802.11n(HT20)	5600	Ant 1	-34.84	-27	Pass
NVNT	802.11n(HT20)	5700	Ant 1	-35.39	-27	Pass
NVNT	802.11n(HT40)	5510	Ant 1	-35.55	-27	Pass
NVNT	802.11n(HT40)	5590	Ant 1	-34.88	-27	Pass
NVNT	802.11n(HT40)	5670	Ant 1	-33.83	-27	Pass

Tx. Spurious NVNT 802.11a 5500MHz Ant1 Emission

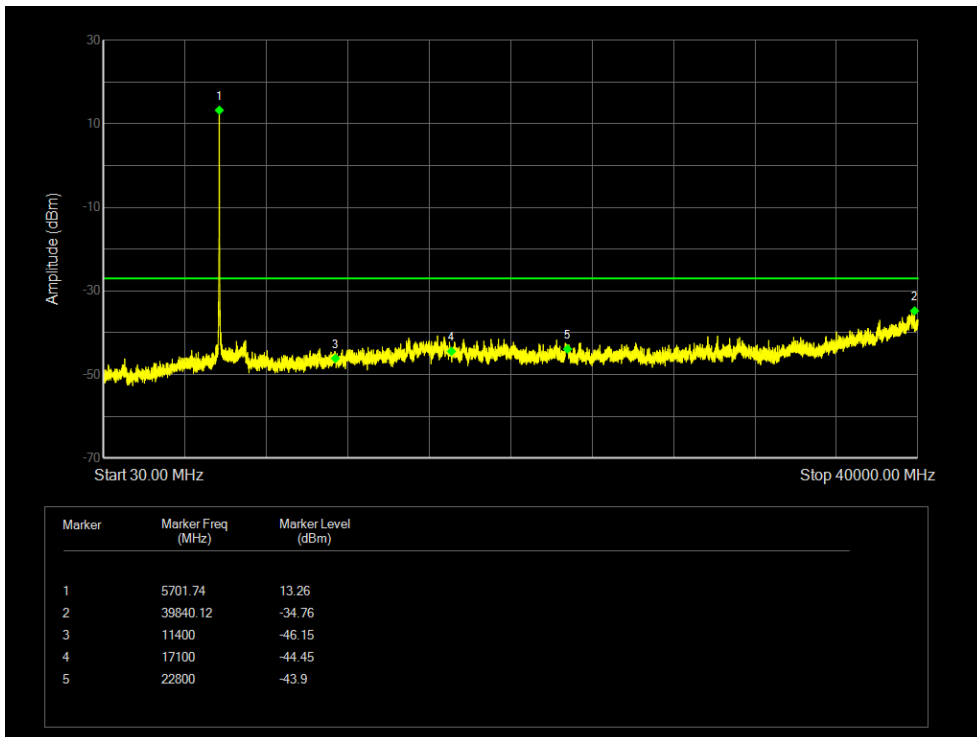


Tx. Spurious NVNT 802.11a 5600MHz Ant1 Emission

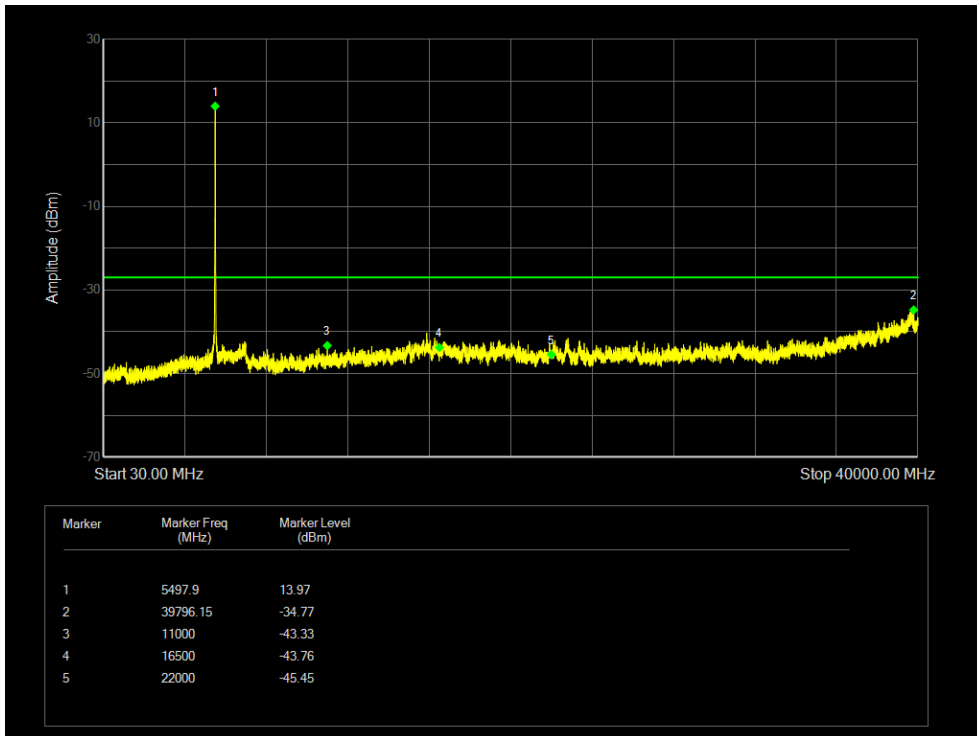




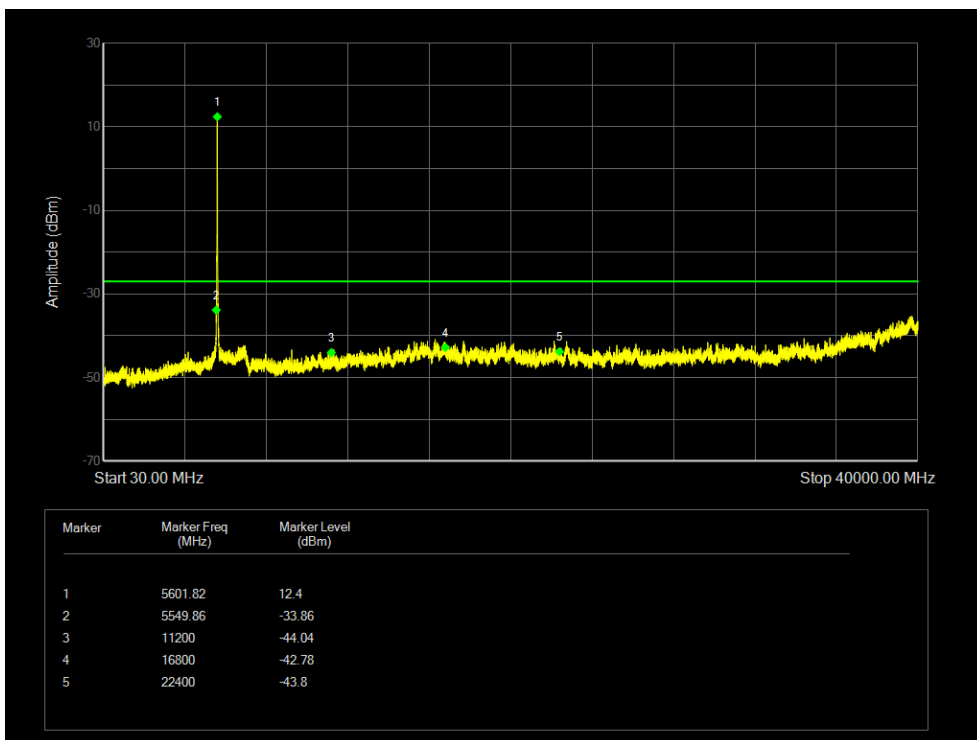
Tx. Spurious NVNT 802.11a 5700MHz Ant1 Emission



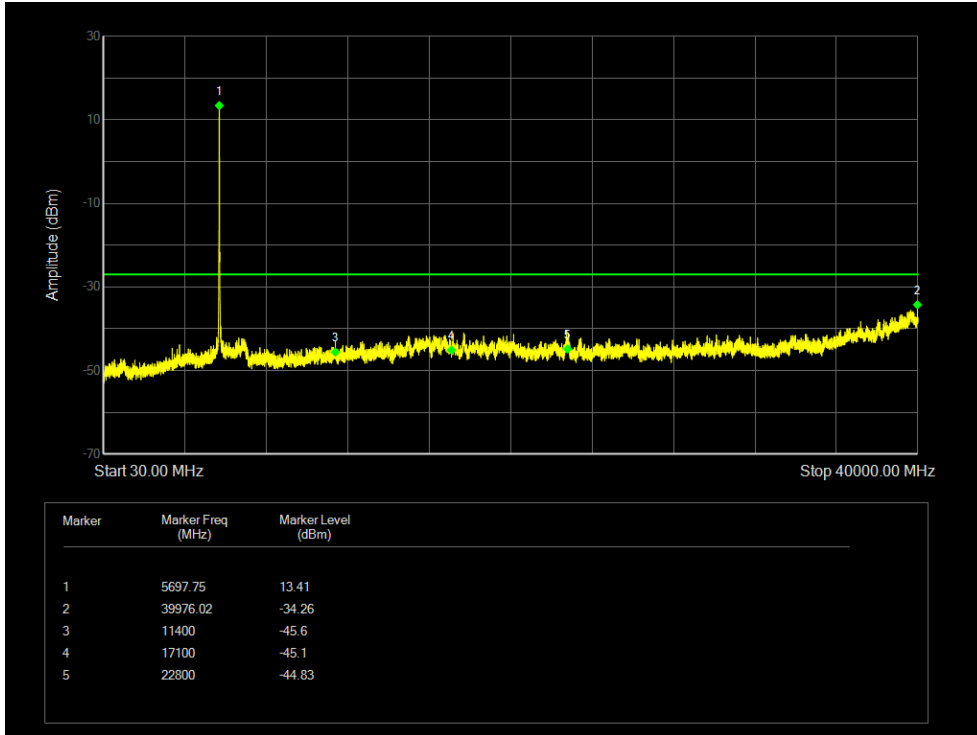
Tx. Spurious NVNT 802.11ac20 5500MHz Ant1 Emission



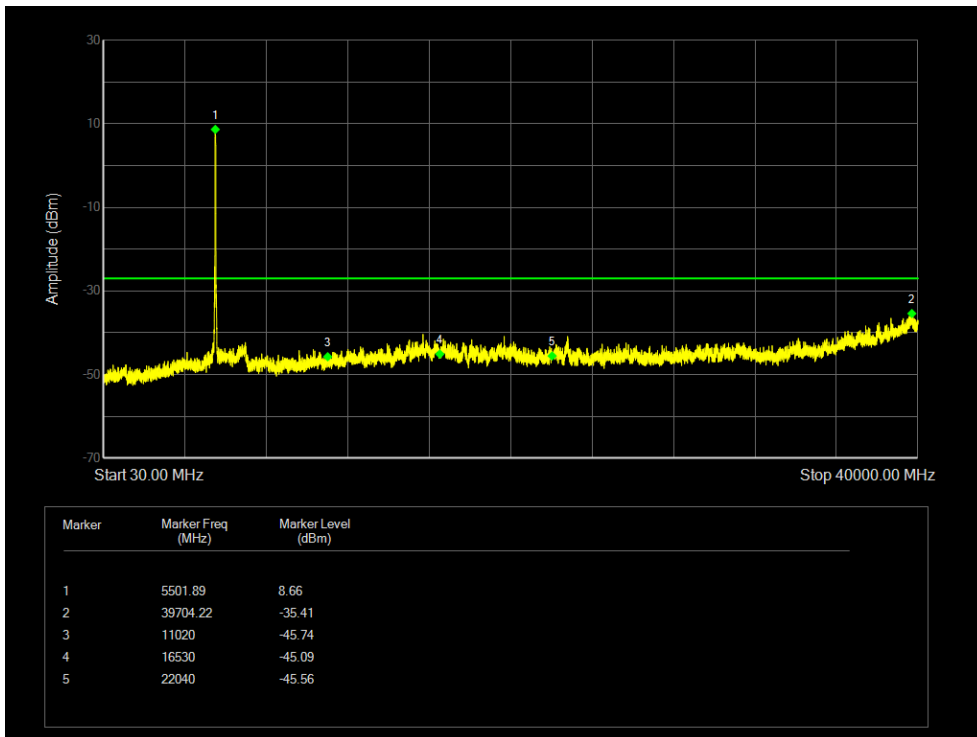
Tx. Spurious NVNT 802.11ac20 5600MHz Ant1 Emission



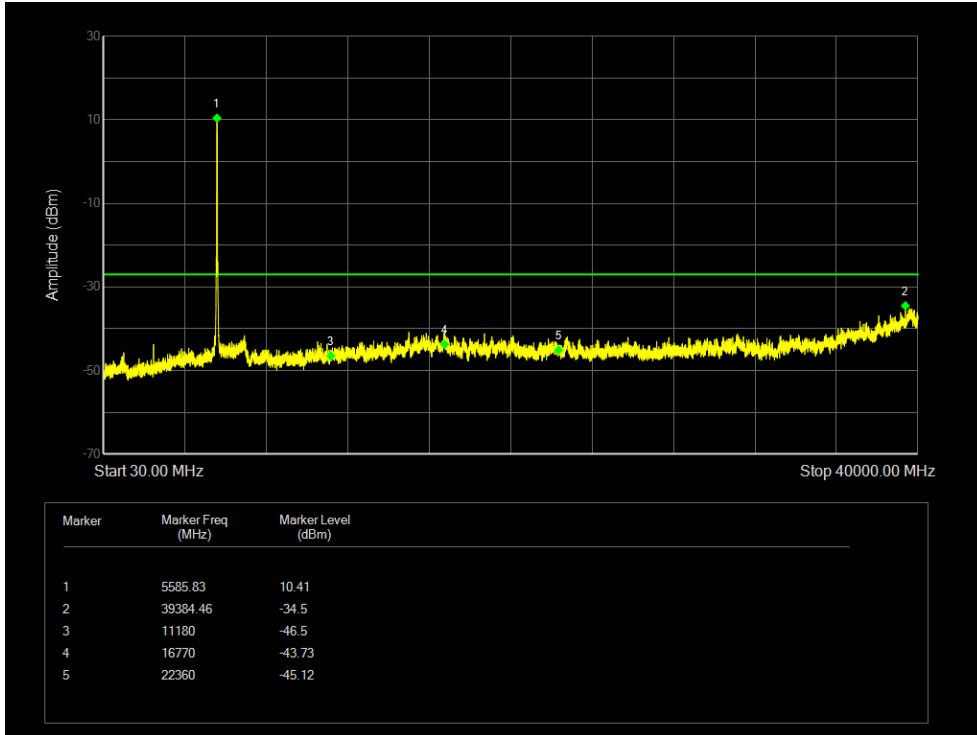
Tx. Spurious NVNT 802.11ac20 5700MHz Ant1 Emission



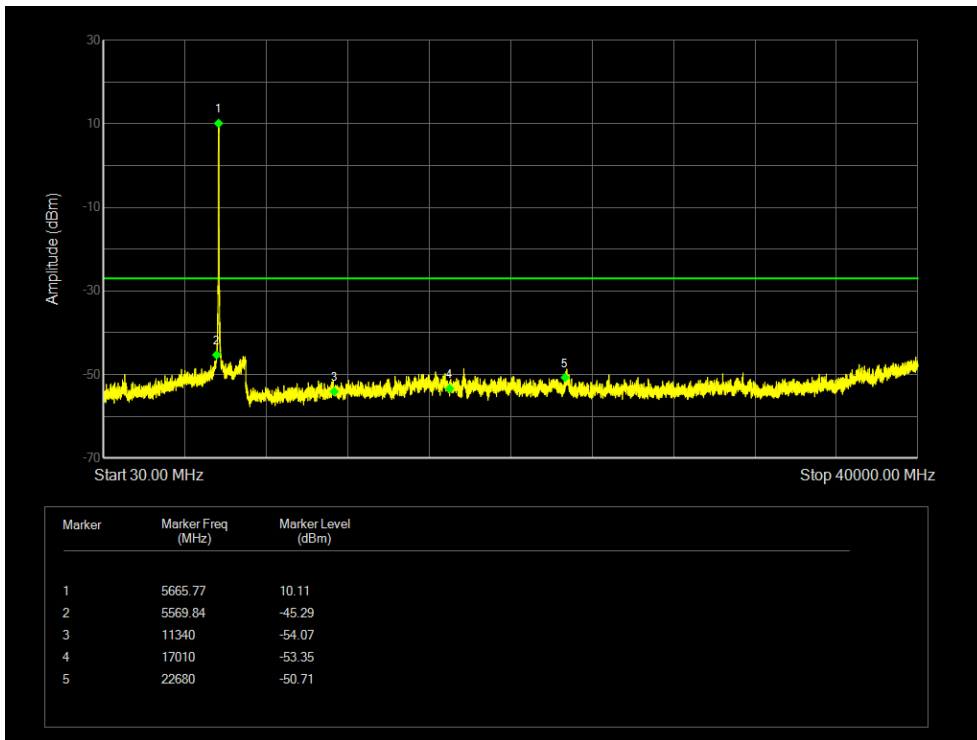
Tx. Spurious NVNT 802.11ac40 5510MHz Ant1 Emission



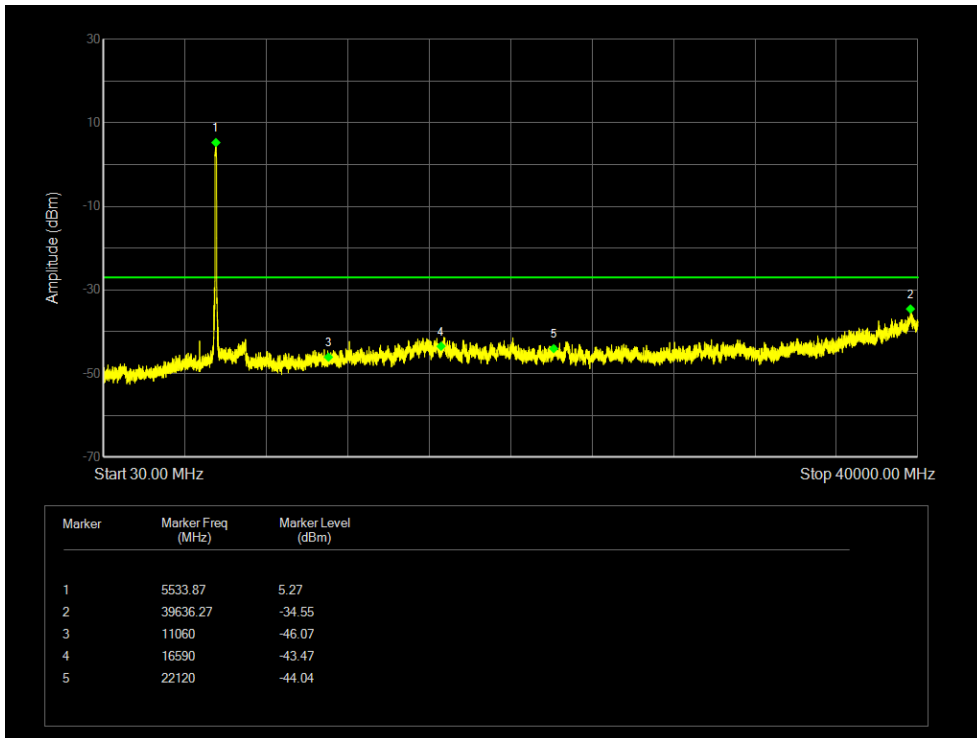
Tx. Spurious NVNT 802.11ac40 5590MHz Ant1 Emission



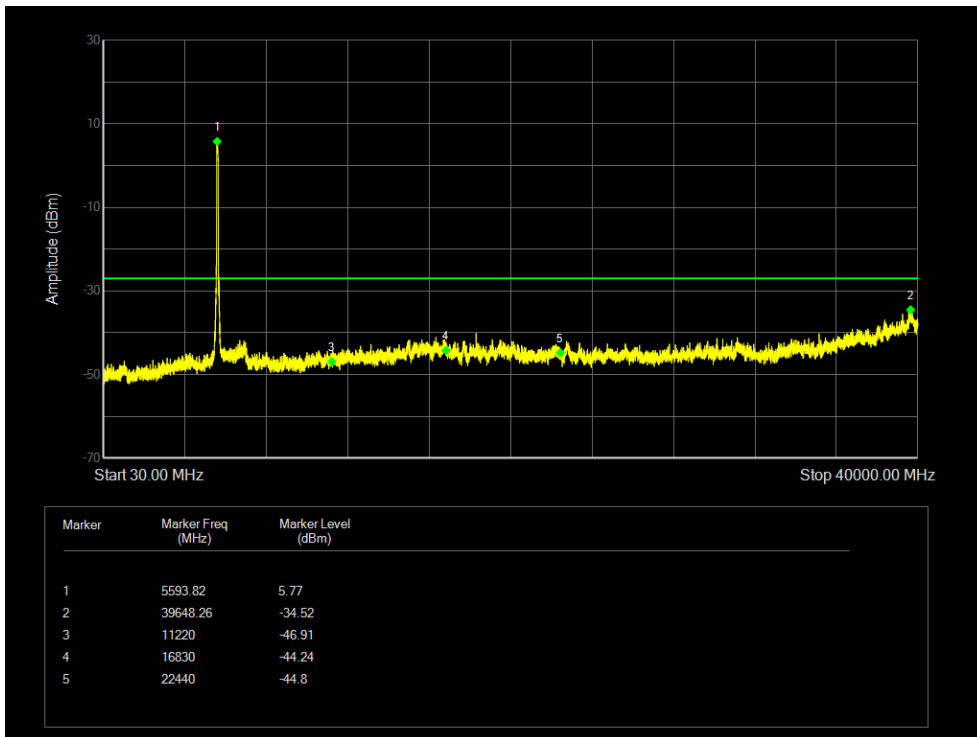
Tx. Spurious NVNT 802.11ac40 5670MHz Ant1 Emission



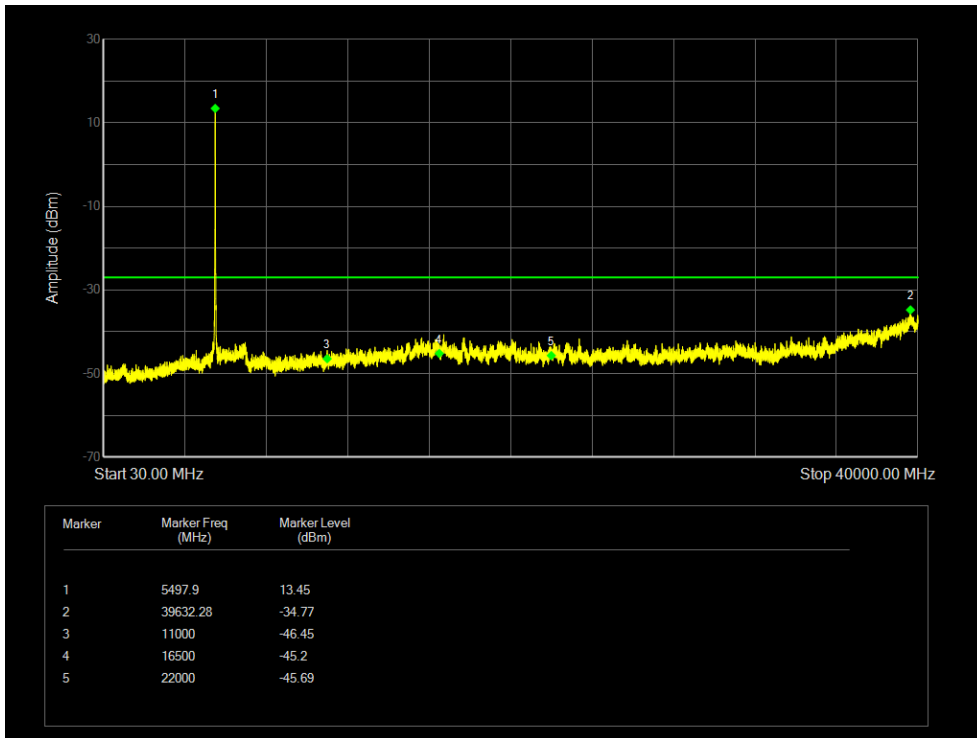
Tx. Spurious NVNT 802.11ac80 5530MHz Ant1 Emission



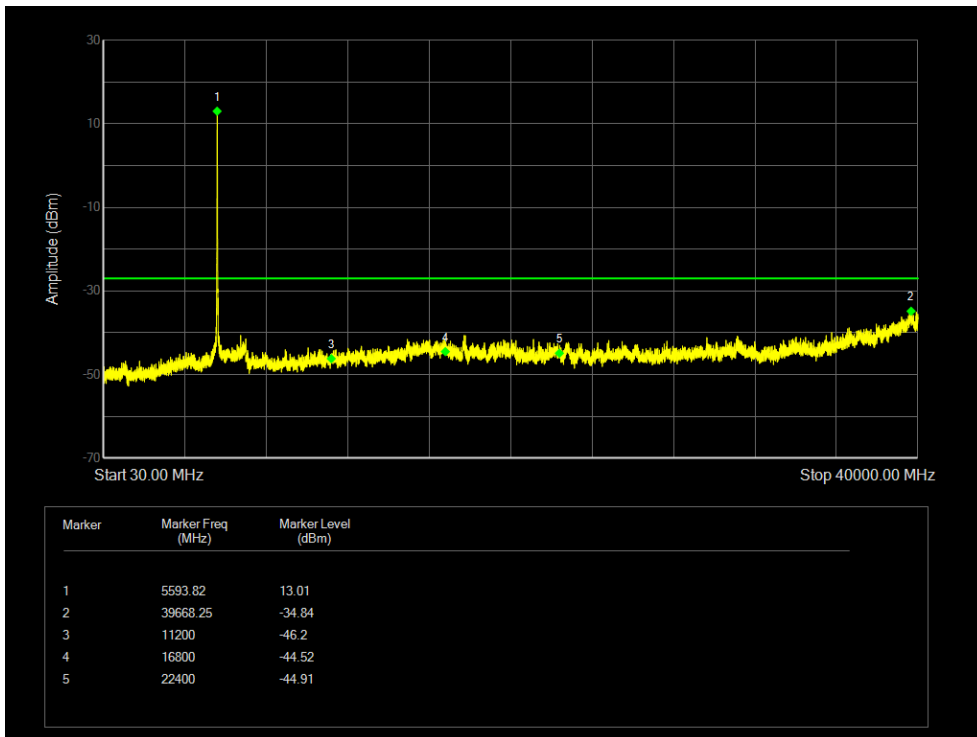
Tx. Spurious NVNT 802.11ac80 5610MHz Ant1 Emission



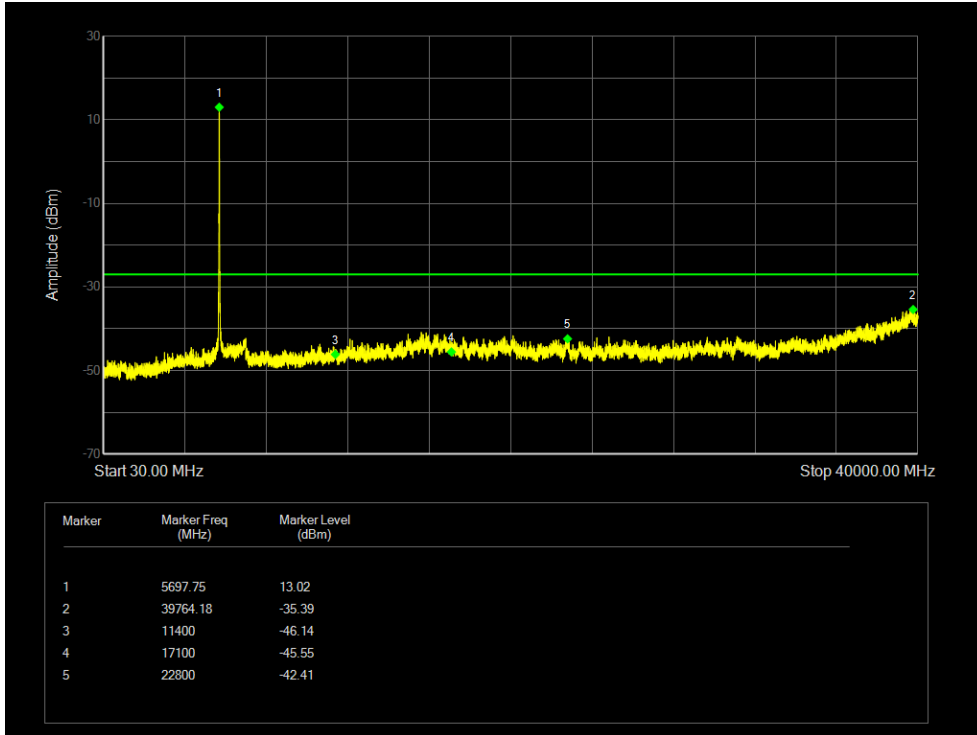
Tx. Spurious NVNT 802.11n(HT20) 5500MHz Ant1 Emission



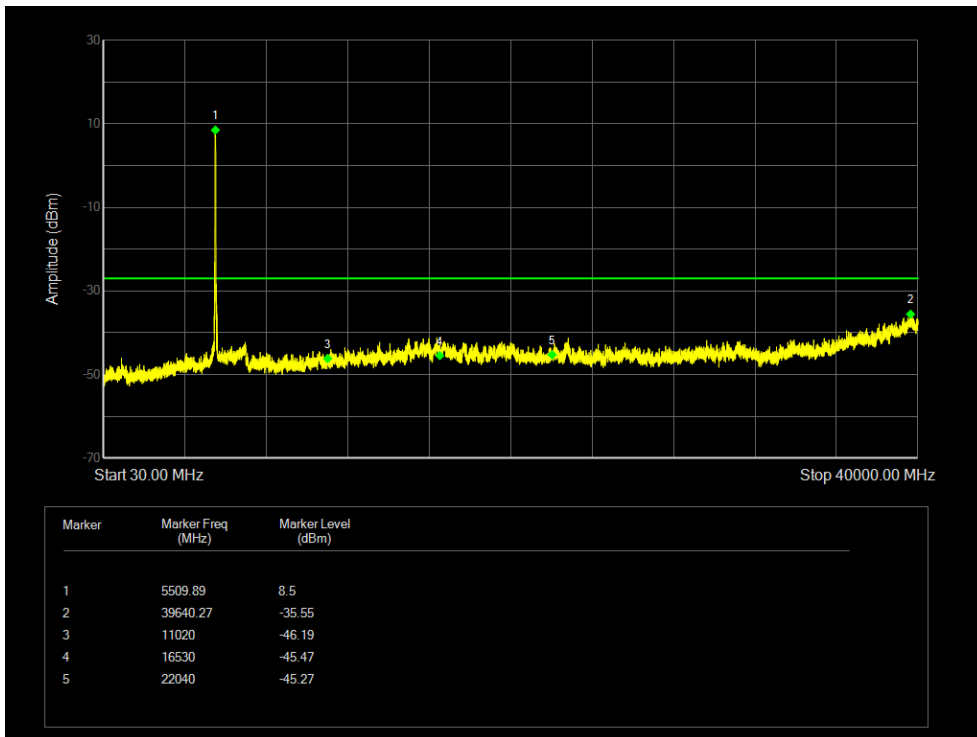
Tx. Spurious NVNT 802.11n(HT20) 5600MHz Ant1 Emission



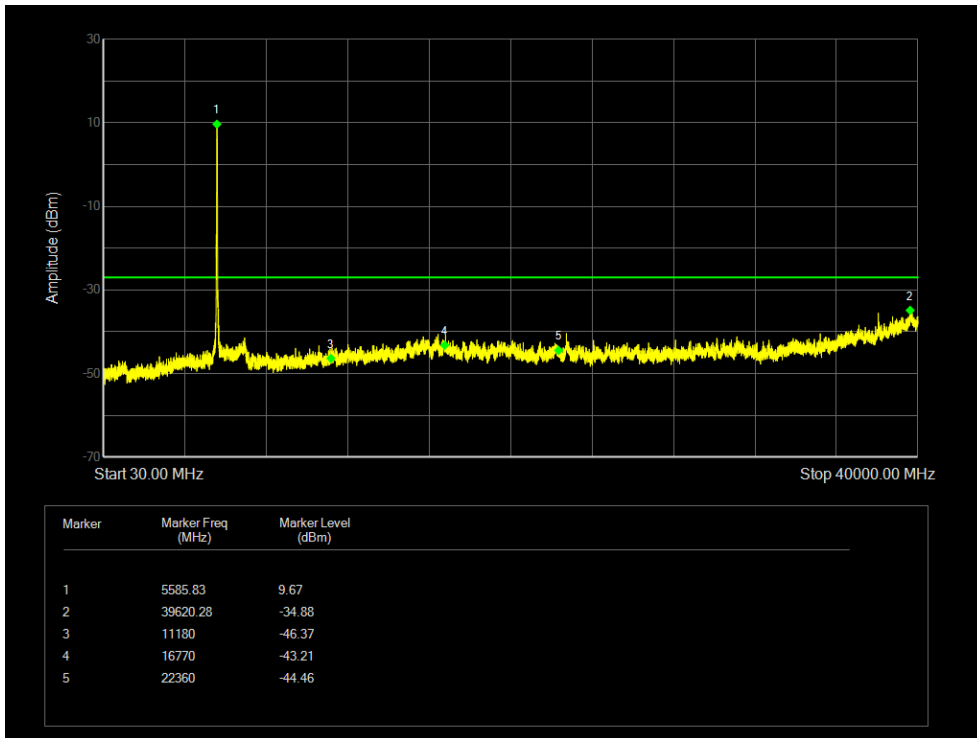
Tx. Spurious NVNT 802.11n(HT20) 5700MHz Ant1 Emission



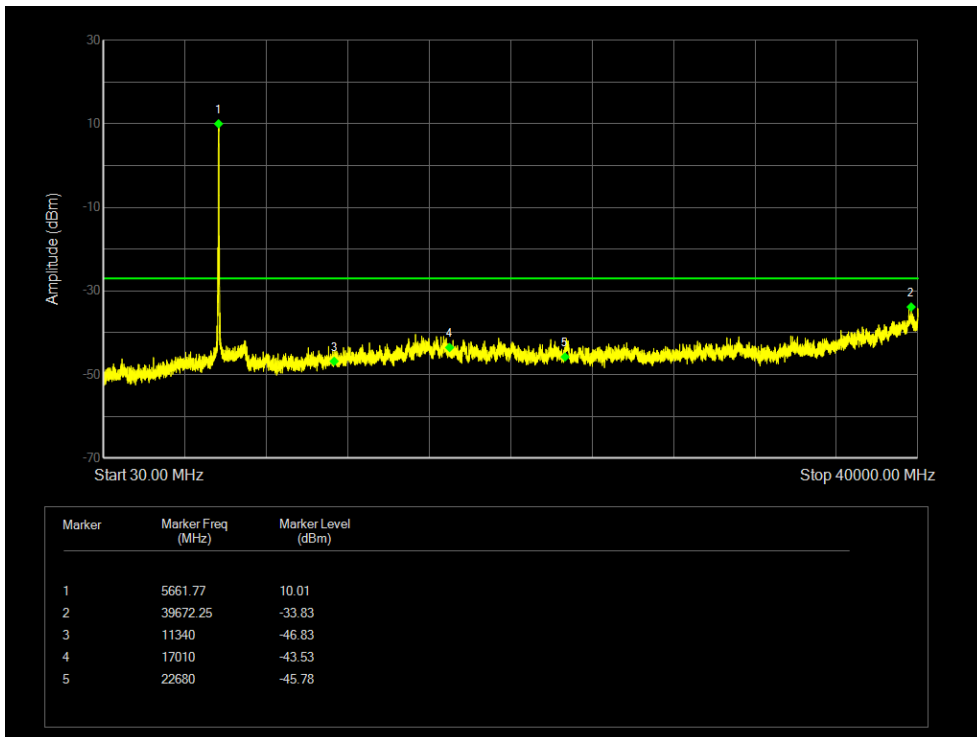
Tx. Spurious NVNT 802.11n(HT40) 5510MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5590MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5670MHz Ant1 Emission



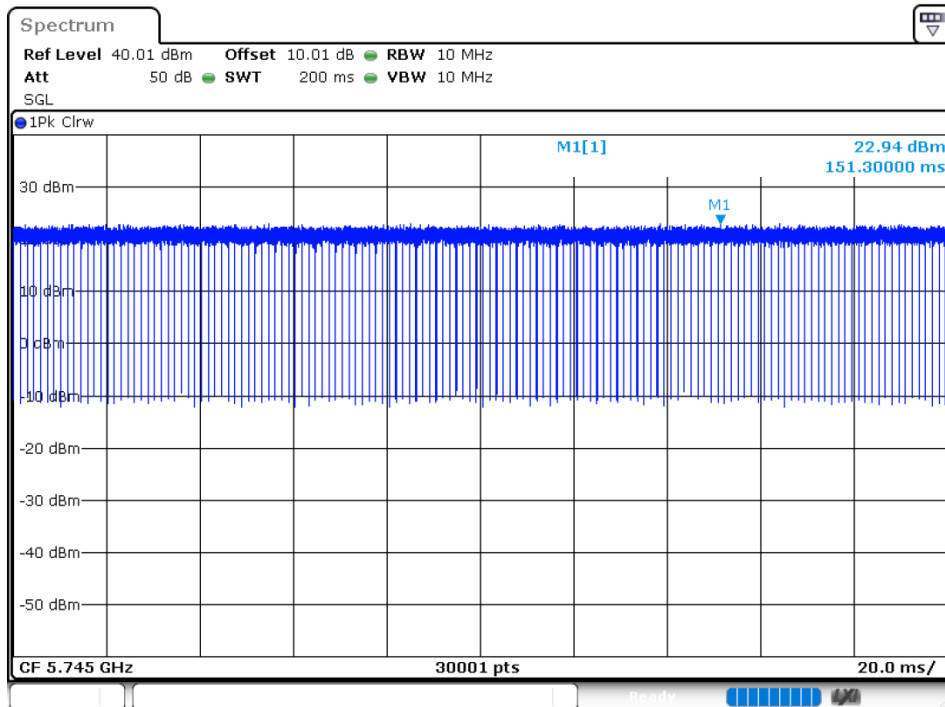


# 5.8G WIFI

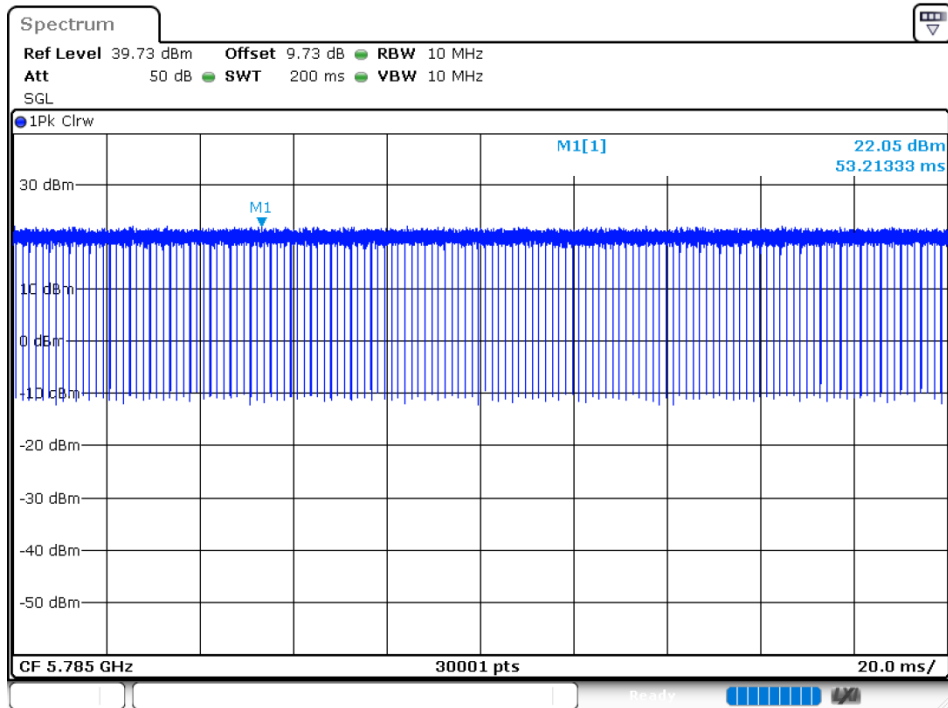
## Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11a	5745	97.35	0.12
NVNT	802.11a	5785	97.37	0.12
NVNT	802.11a	5825	97.37	0.12
NVNT	802.11ac20	5745	97.19	0.12
NVNT	802.11ac20	5785	97.22	0.12
NVNT	802.11ac20	5825	97.22	0.12
NVNT	802.11ac40	5755	94.58	0.24
NVNT	802.11ac40	5795	94.56	0.24
NVNT	802.11ac80	5775	89.78	0.47
NVNT	802.11n(HT20)	5745	97.18	0.12
NVNT	802.11n(HT20)	5785	97.18	0.12
NVNT	802.11n(HT20)	5825	97.18	0.12
NVNT	802.11n(HT40)	5755	94.6	0.24
NVNT	802.11n(HT40)	5795	94.59	0.24

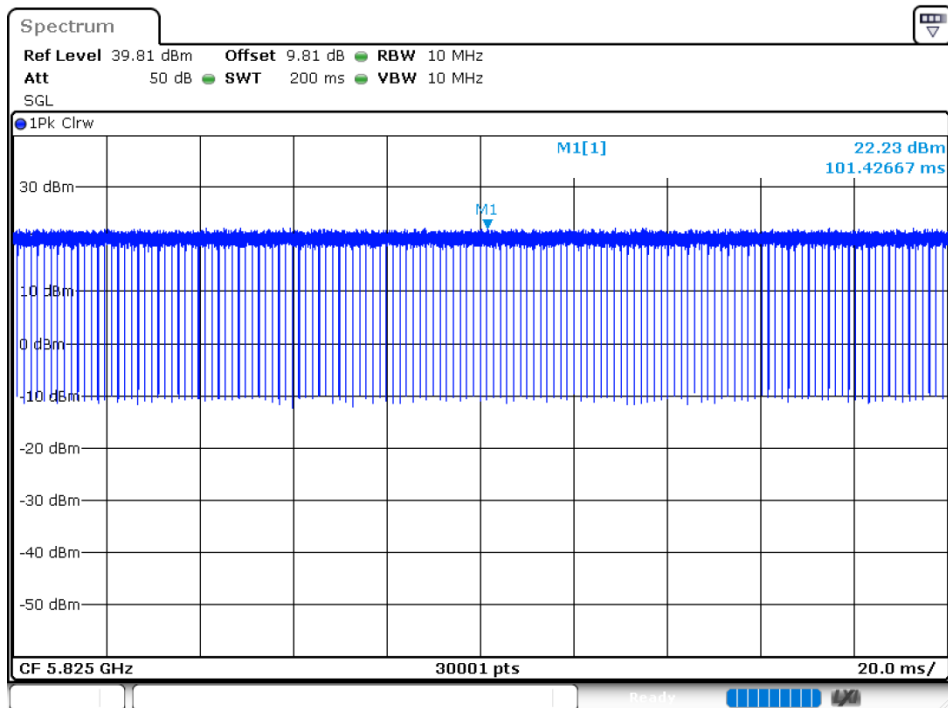
Duty Cycle NVNT 802.11a 5745MHz



Duty Cycle NVNT 802.11a 5785MHz



Duty Cycle NVNT 802.11a 5825MHz



Duty Cycle NVNT 802.11ac20 5745MHz