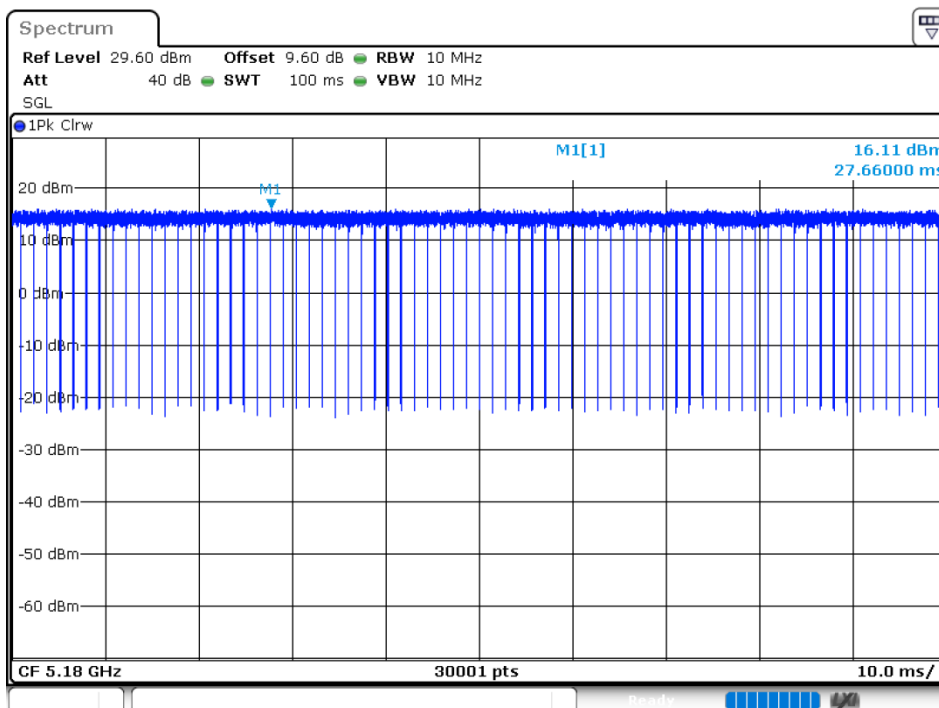


# 5.2G

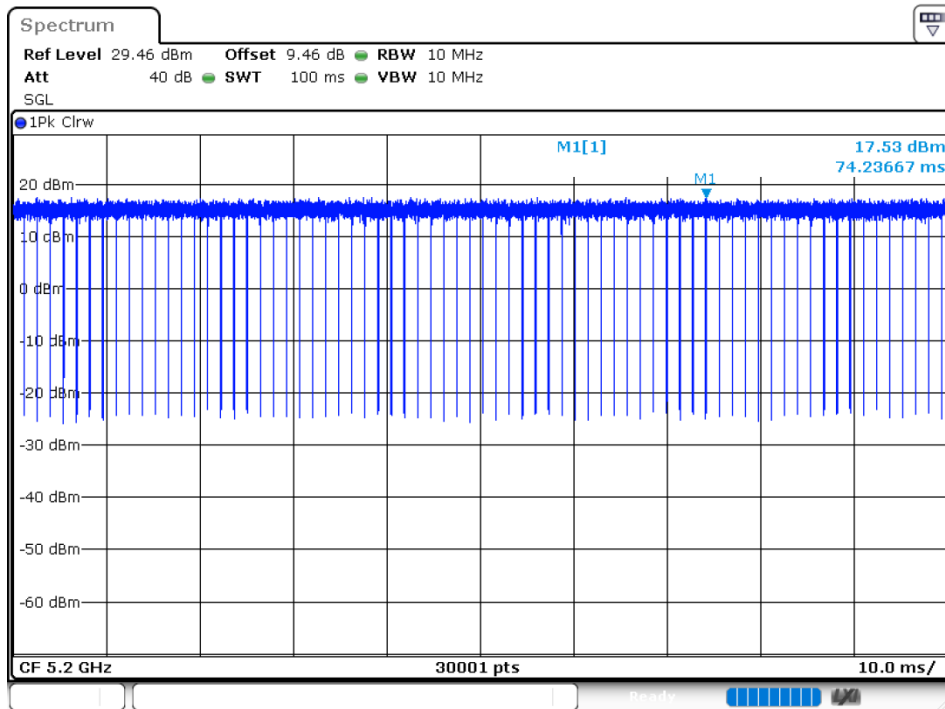
## Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11a	5180	97.06	0.13
NVNT	802.11a	5200	97.06	0.13
NVNT	802.11a	5240	97.09	0.13
NVNT	802.11ac20	5180	96.87	0.14
NVNT	802.11ac20	5200	96.87	0.14
NVNT	802.11ac20	5240	96.91	0.14
NVNT	802.11ac40	5190	94.05	0.27
NVNT	802.11ac40	5230	94.04	0.27
NVNT	802.11ac80	5210	90.48	0.43
NVNT	802.11n(HT20)	5180	96.86	0.14
NVNT	802.11n(HT20)	5200	96.86	0.14
NVNT	802.11n(HT20)	5240	96.86	0.14
NVNT	802.11n(HT40)	5190	93.97	0.27
NVNT	802.11n(HT40)	5230	93.97	0.27

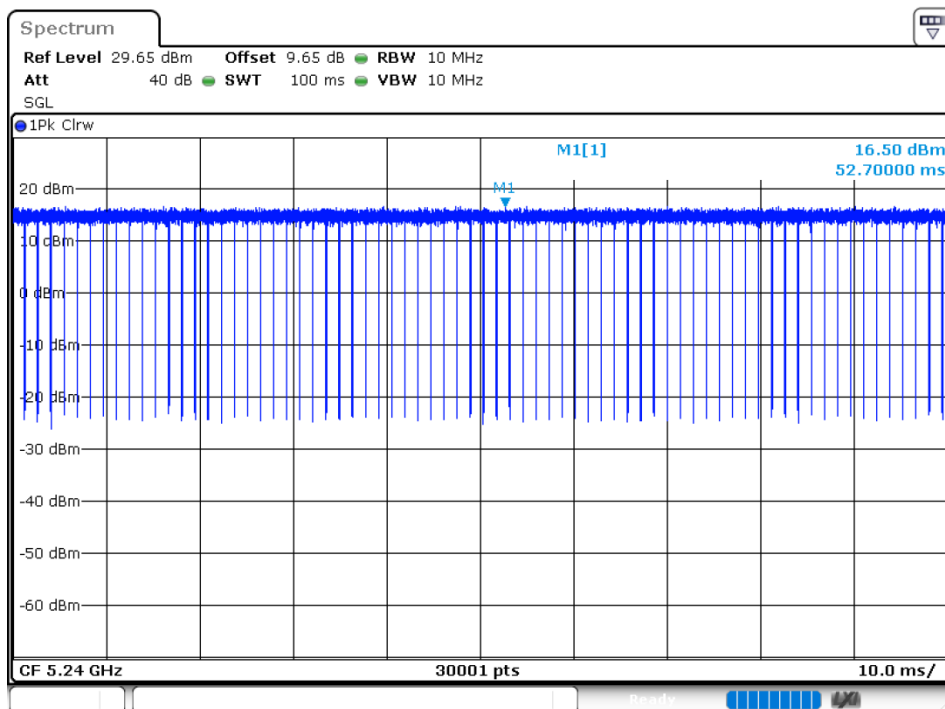
Duty Cycle NVNT 802.11a 5180MHz



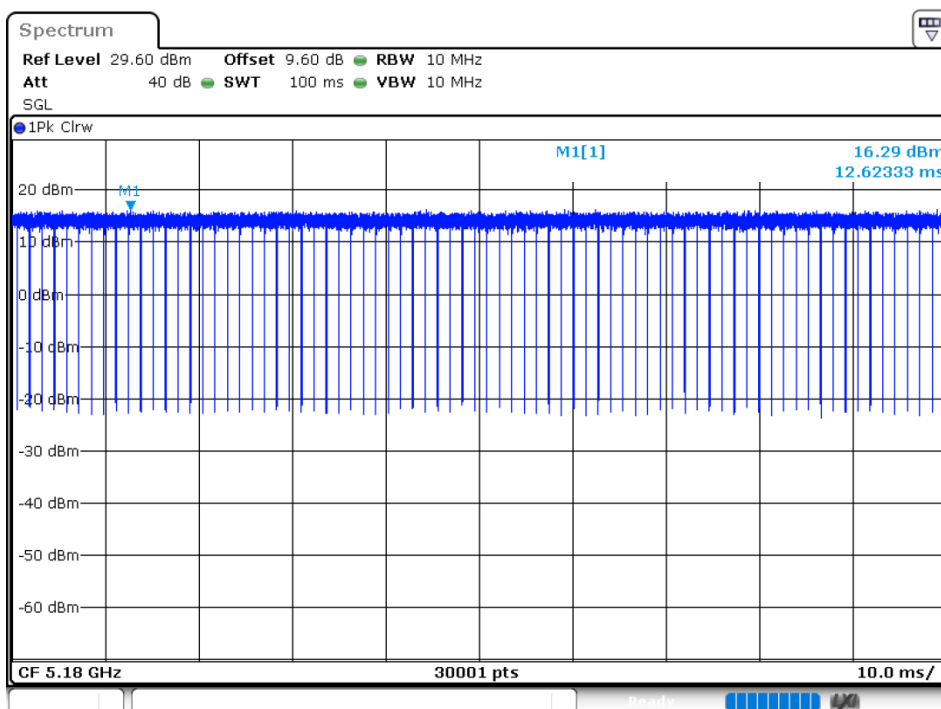
Duty Cycle NVNT 802.11a 5200MHz



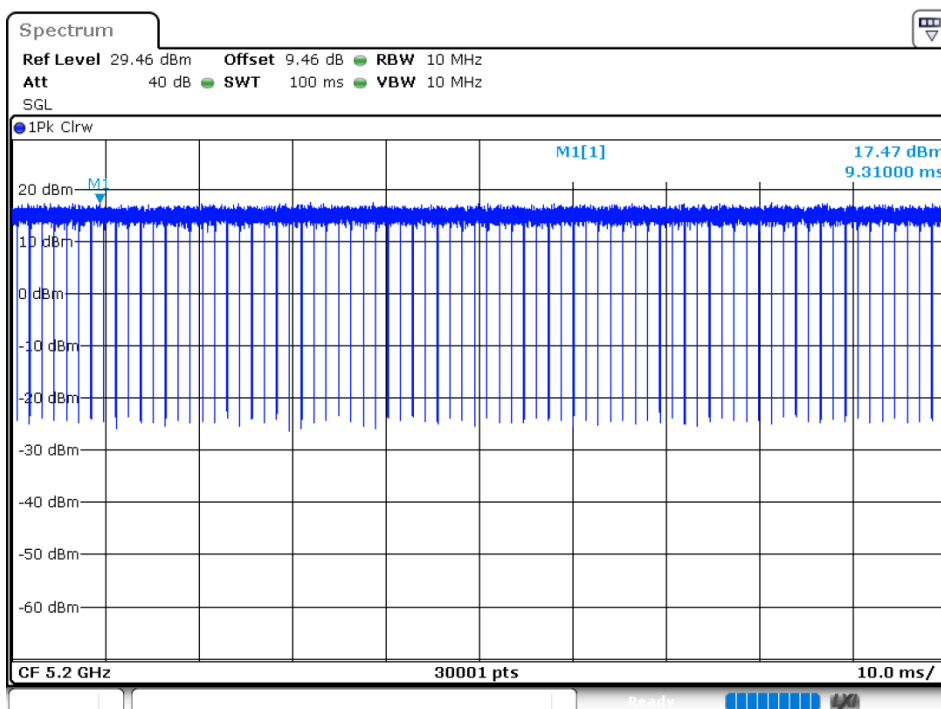
Duty Cycle NVNT 802.11a 5240MHz



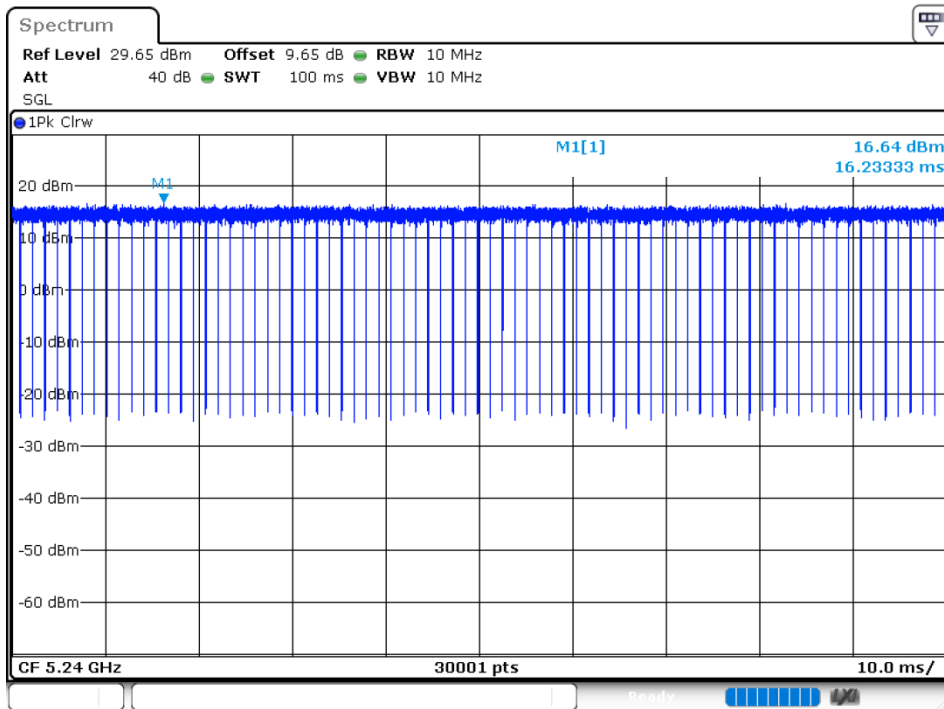
Duty Cycle NVNT 802.11ac20 5180MHz



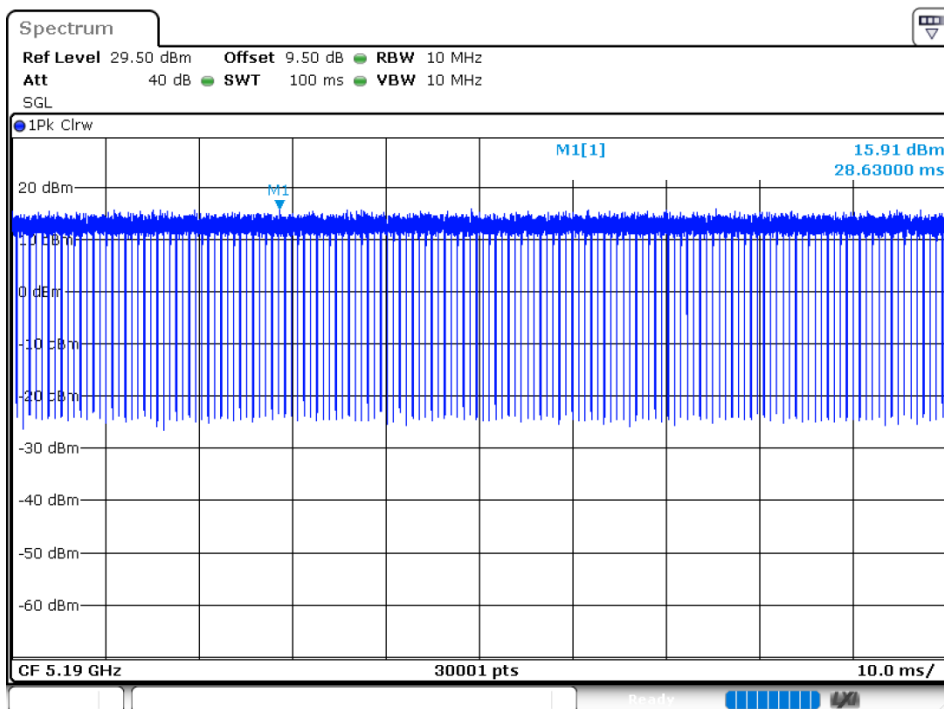
Duty Cycle NVNT 802.11ac20 5200MHz



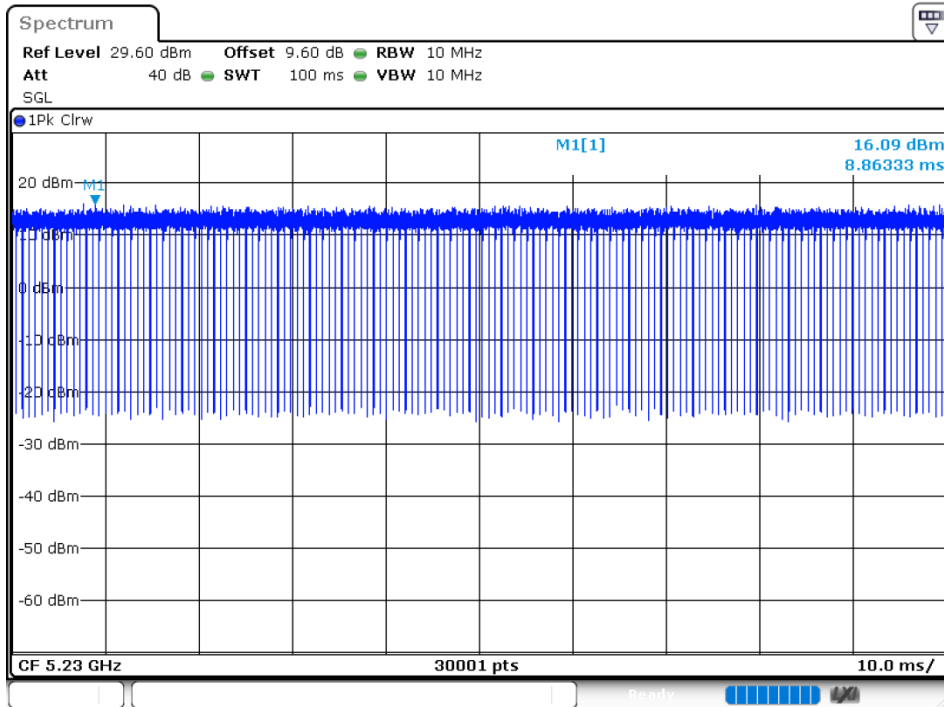
Duty Cycle NVNT 802.11ac20 5240MHz



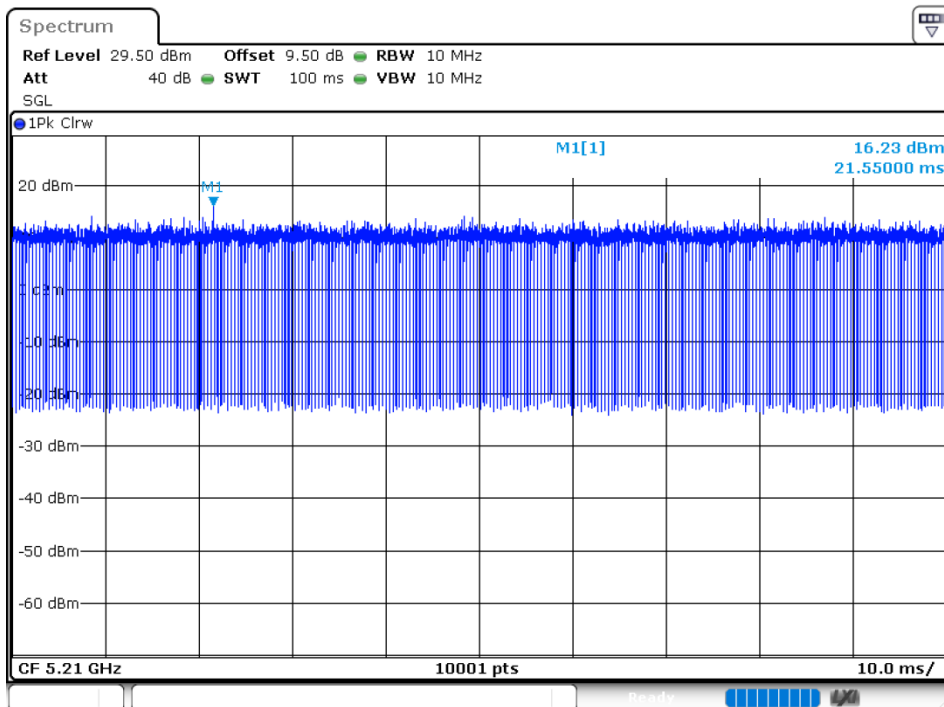
Duty Cycle NVNT 802.11ac40 5190MHz



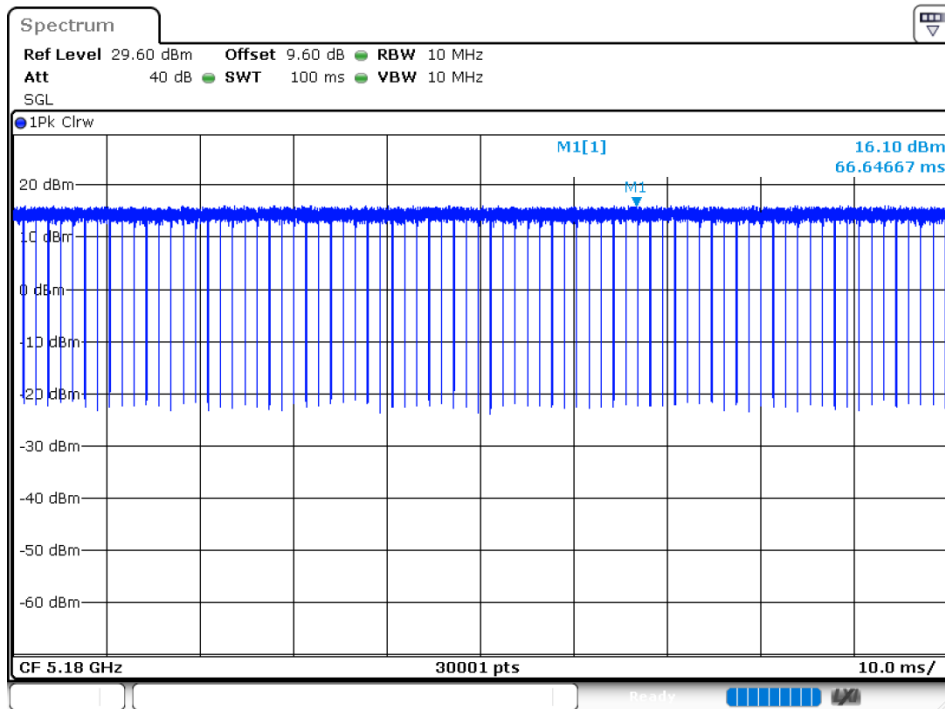
Duty Cycle NVNT 802.11ac40 5230MHz



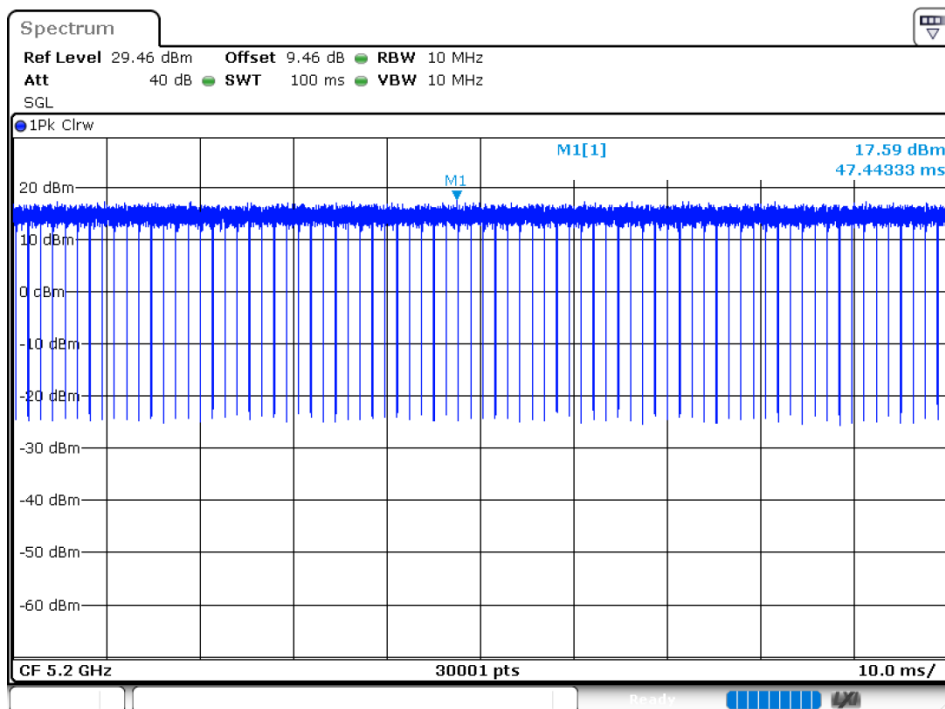
Duty Cycle NVNT 802.11ac80 5210MHz



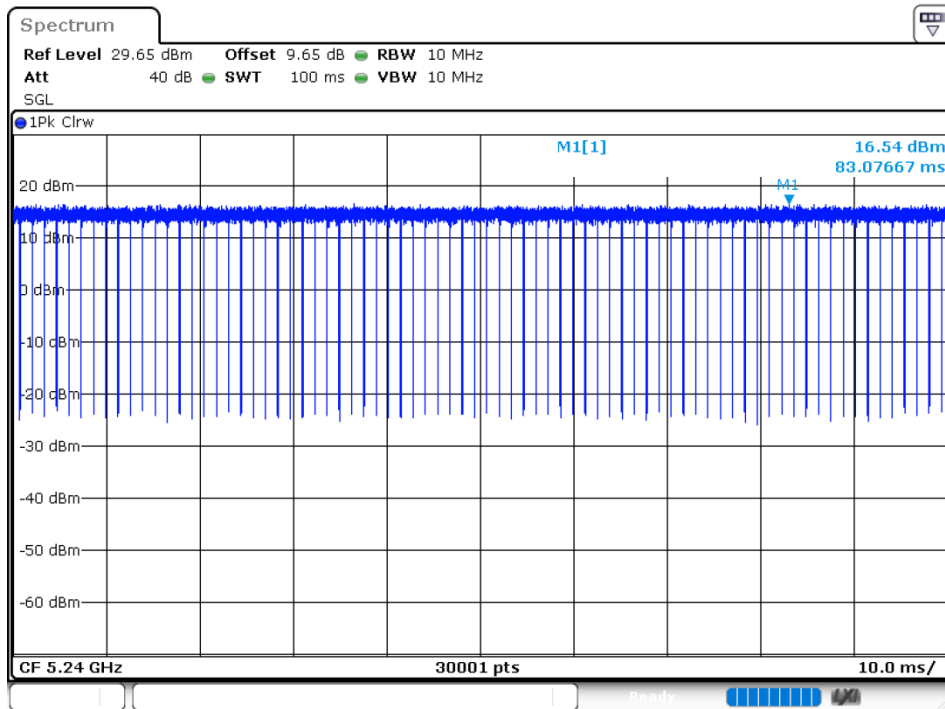
Duty Cycle NVNT 802.11n(HT20) 5180MHz



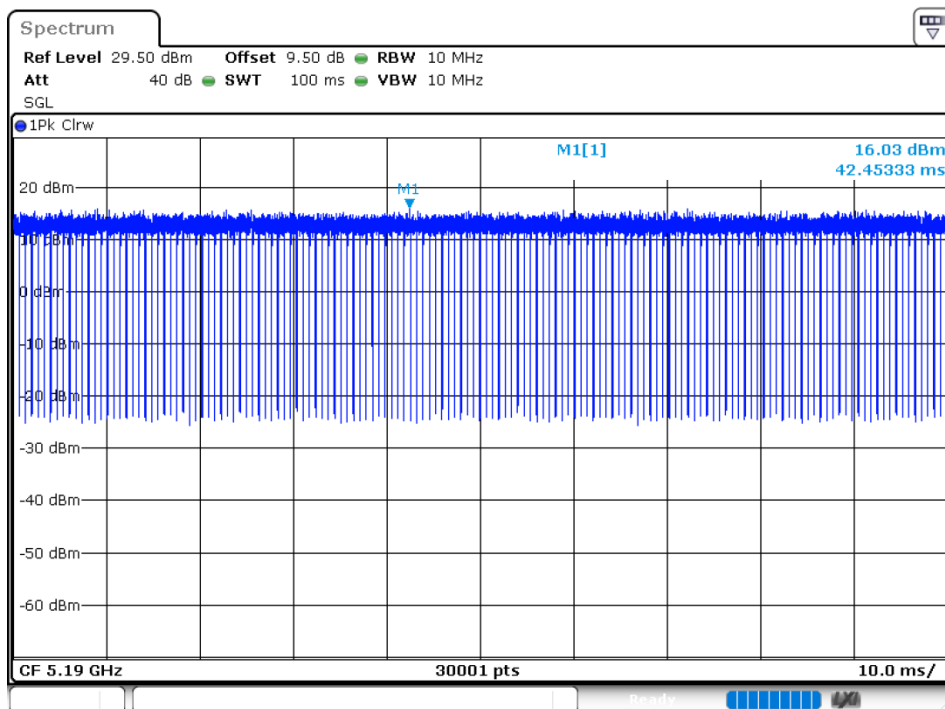
Duty Cycle NVNT 802.11n(HT20) 5200MHz



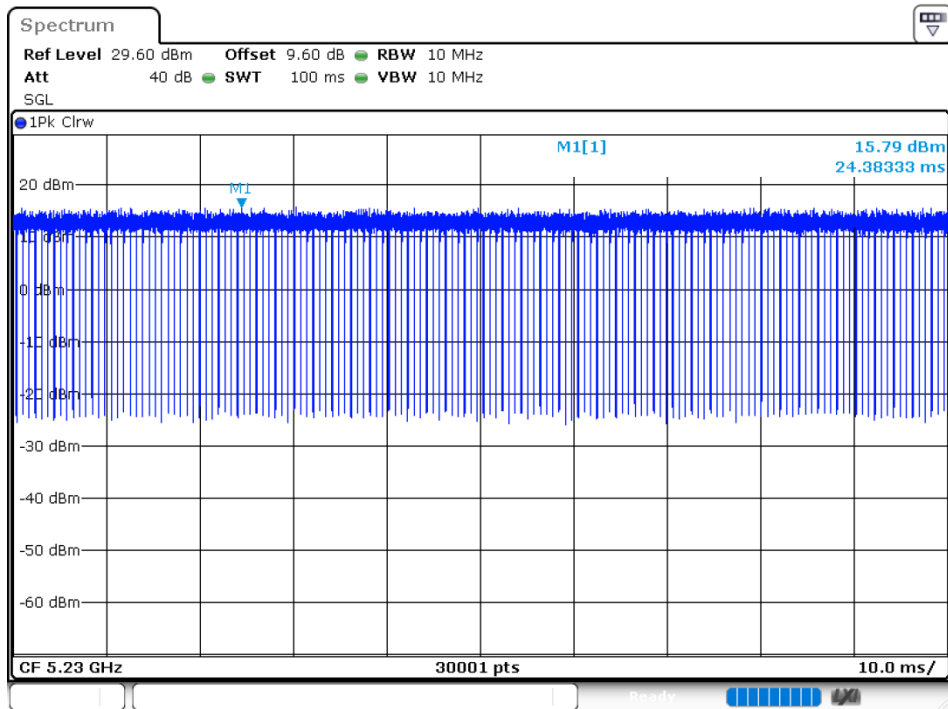
Duty Cycle NVNT 802.11n(HT20) 5240MHz



Duty Cycle NVNT 802.11n(HT40) 5190MHz



Duty Cycle NVNT 802.11n(HT40) 5230MHz





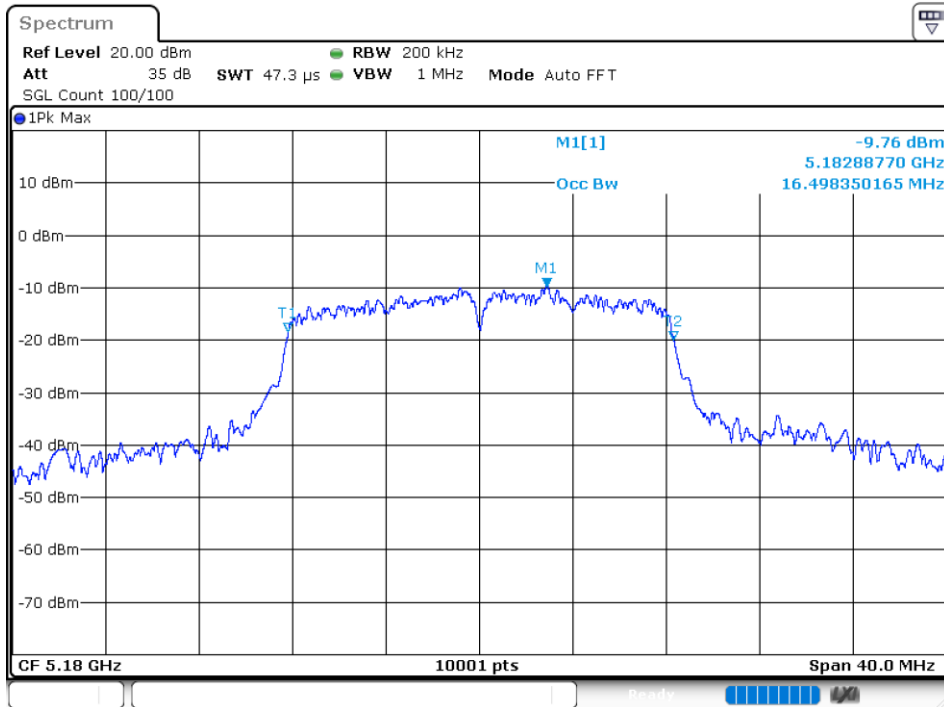
**Maximum Conducted Output Power**

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	9.3	0.13	9.43	24	Pass
NVNT	802.11a	5200	Ant 1	9.52	0.13	9.65	24	Pass
NVNT	802.11a	5240	Ant 1	9.29	0.13	9.42	24	Pass
NVNT	802.11ac20	5180	Ant 1	9.15	0.14	9.29	24	Pass
NVNT	802.11ac20	5200	Ant 1	9.44	0.14	9.58	24	Pass
NVNT	802.11ac20	5240	Ant 1	9.3	0.14	9.44	24	Pass
NVNT	802.11ac40	5190	Ant 1	9.43	0.27	9.7	24	Pass
NVNT	802.11ac40	5230	Ant 1	9.65	0.27	9.92	24	Pass
NVNT	802.11ac80	5210	Ant 1	9.01	0.43	9.44	24	Pass
NVNT	802.11n(HT20)	5180	Ant 1	9.59	0.14	9.73	24	Pass
NVNT	802.11n(HT20)	5200	Ant 1	8.97	0.14	9.11	24	Pass
NVNT	802.11n(HT20)	5240	Ant 1	9.33	0.14	9.47	24	Pass
NVNT	802.11n(HT40)	5190	Ant 1	9.49	0.27	9.76	24	Pass
NVNT	802.11n(HT40)	5230	Ant 1	9.6	0.27	9.87	24	Pass

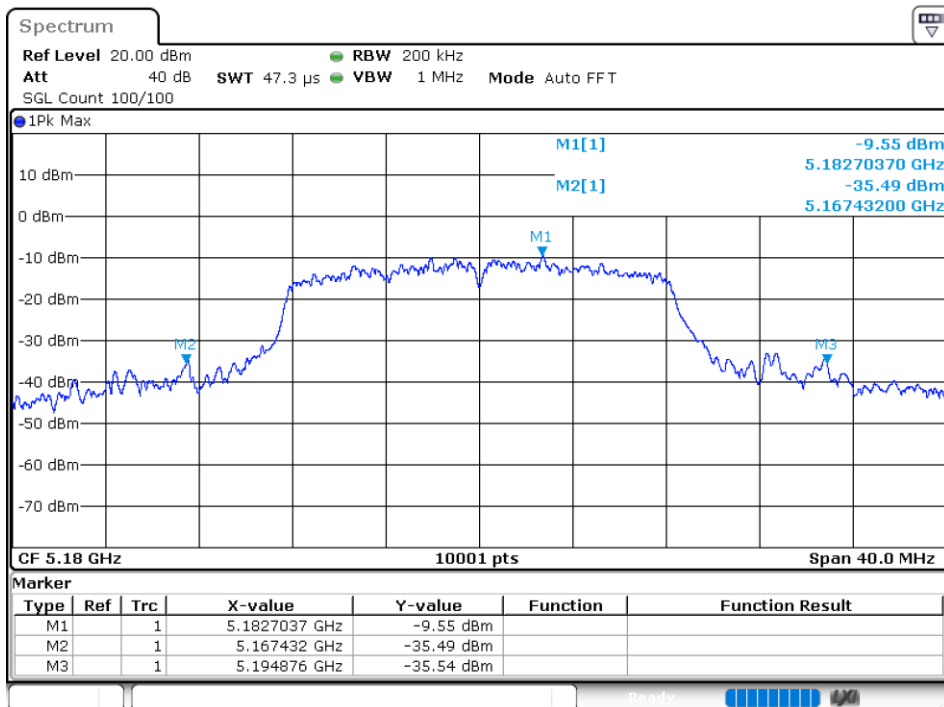
**Occupied Channel Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5180	Ant 1	16.4984	27.444	0	Pass
NVNT	802.11a	5200	Ant 1	16.4904	19.452	0	Pass
NVNT	802.11a	5240	Ant 1	16.6663	27.184	0	Pass
NVNT	802.11ac20	5180	Ant 1	17.6942	22.908	0	Pass
NVNT	802.11ac20	5200	Ant 1	17.6102	21.208	0	Pass
NVNT	802.11ac20	5240	Ant 1	17.6782	21.568	0	Pass
NVNT	802.11ac40	5190	Ant 1	36.1964	60.064	0	Pass
NVNT	802.11ac40	5230	Ant 1	36.2284	60.144	0	Pass
NVNT	802.11ac80	5210	Ant 1	74.9525	113.744	0	Pass
NVNT	802.11n(HT20)	5180	Ant 1	17.7302	23.872	0	Pass
NVNT	802.11n(HT20)	5200	Ant 1	17.6142	20.076	0	Pass
NVNT	802.11n(HT20)	5240	Ant 1	17.6862	22.056	0	Pass
NVNT	802.11n(HT40)	5190	Ant 1	36.4124	54.72	0	Pass
NVNT	802.11n(HT40)	5230	Ant 1	36.3644	62.608	0	Pass

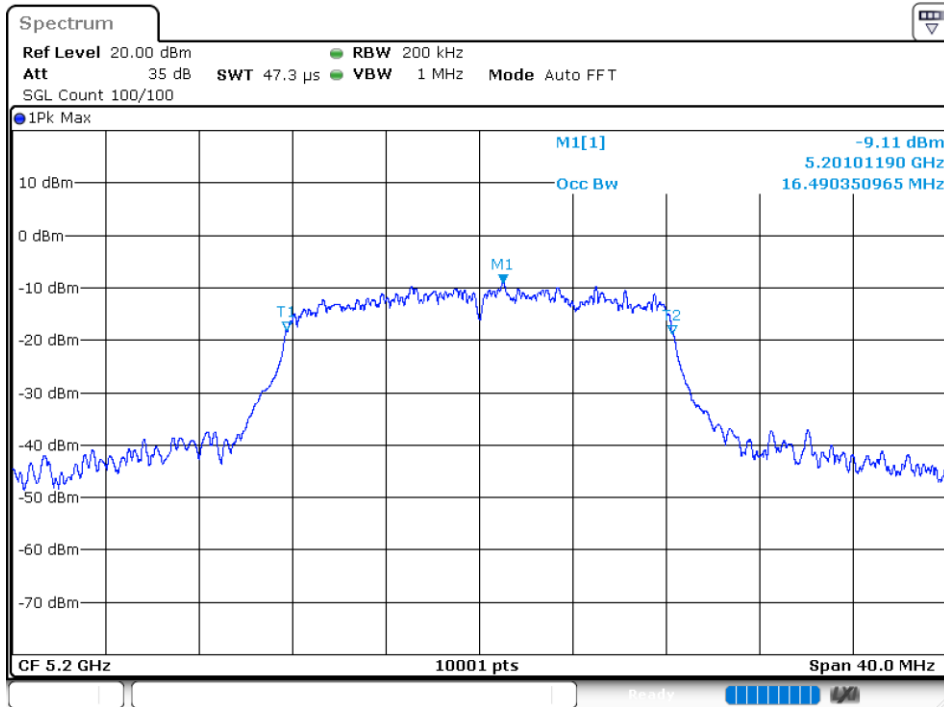
OBW NVNT 802.11a 5180MHz Ant1



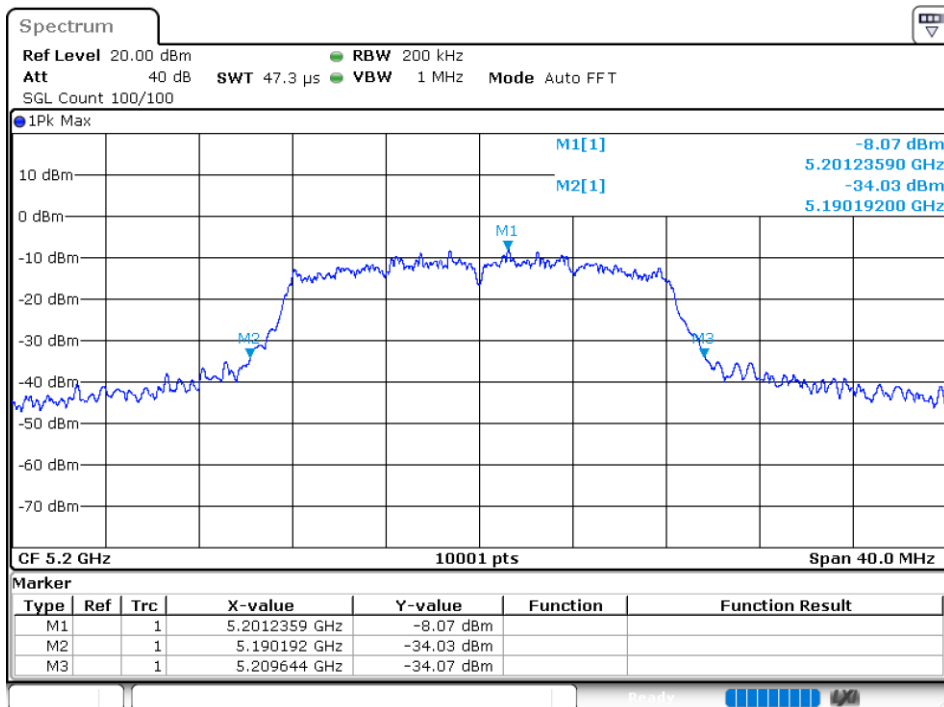
-26 dB BW NVNT 802.11a 5180MHz Ant1



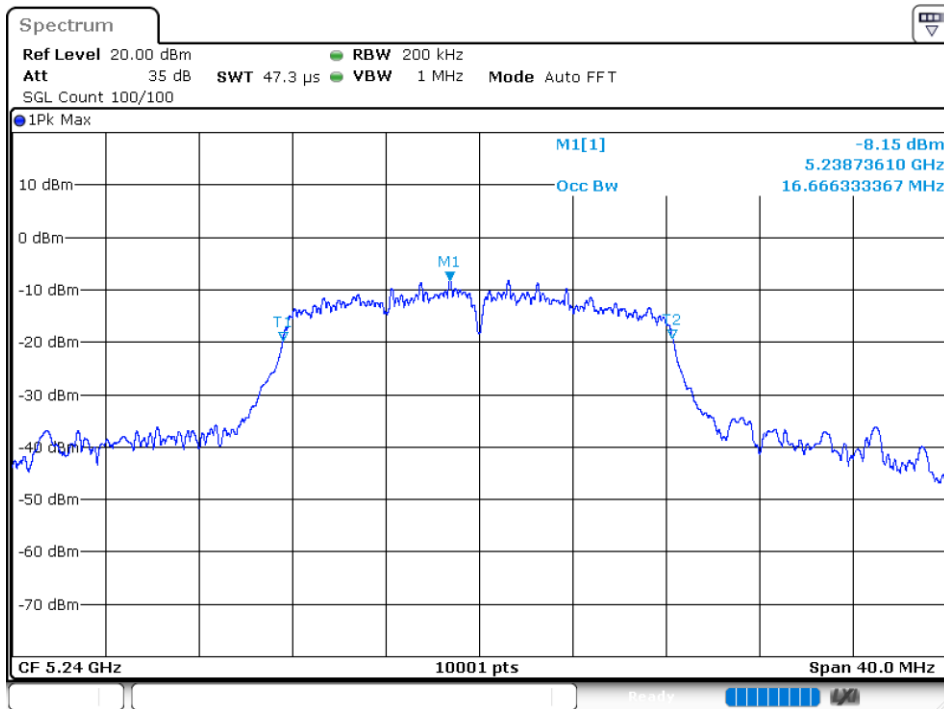
OBW NVNT 802.11a 5200MHz Ant1



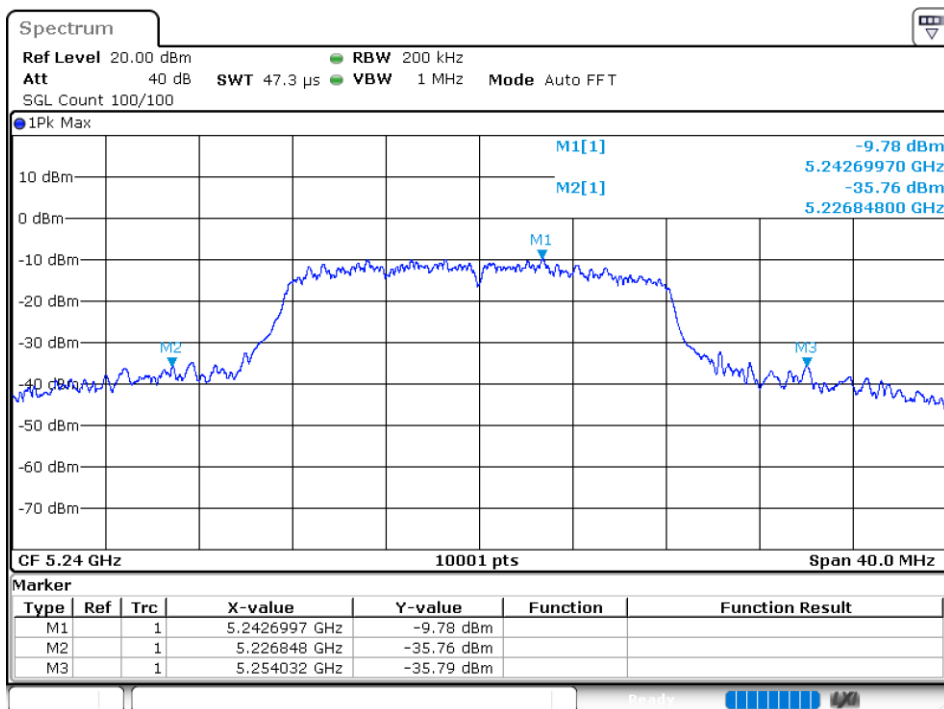
-26 dB BW NVNT 802.11a 5200MHz Ant1



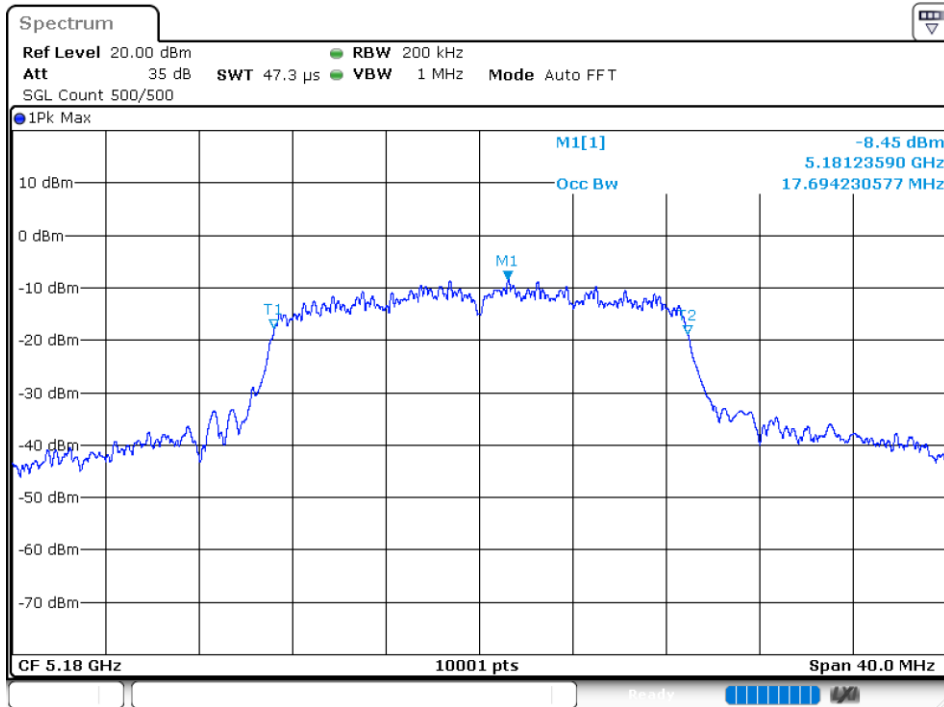
OBW NVNT 802.11a 5240MHz Ant1



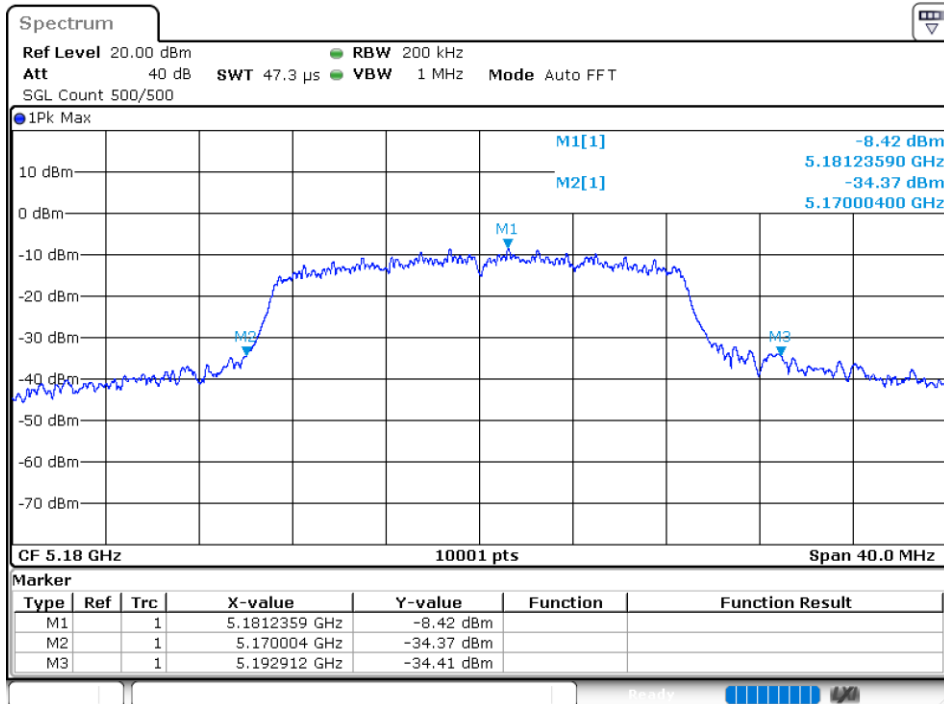
-26 dB BW NVNT 802.11a 5240MHz Ant1



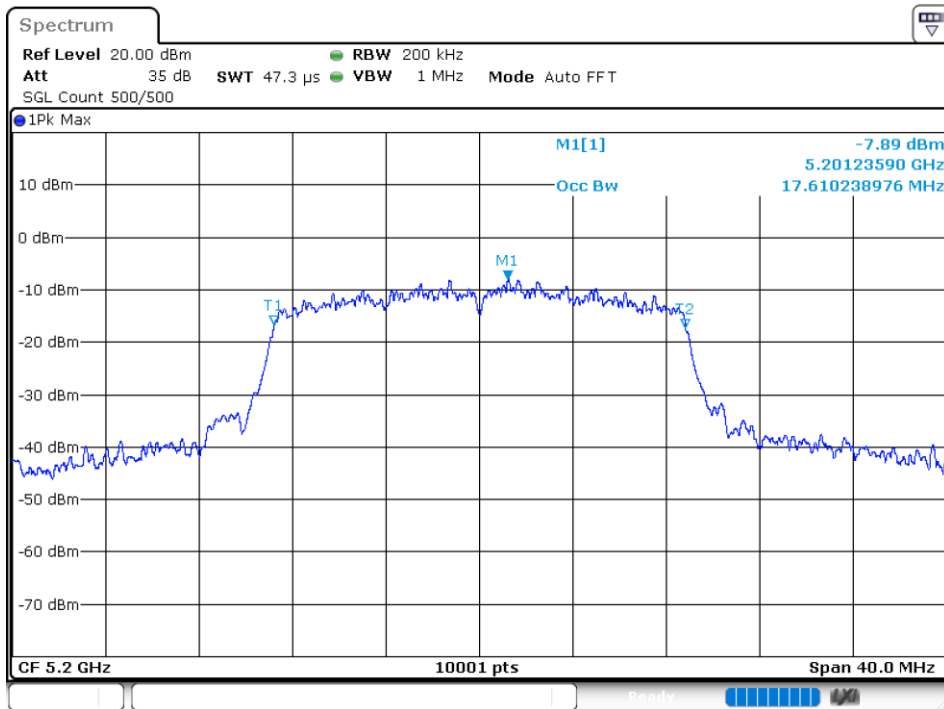
OBW NVNT 802.11ac20 5180MHz Ant1



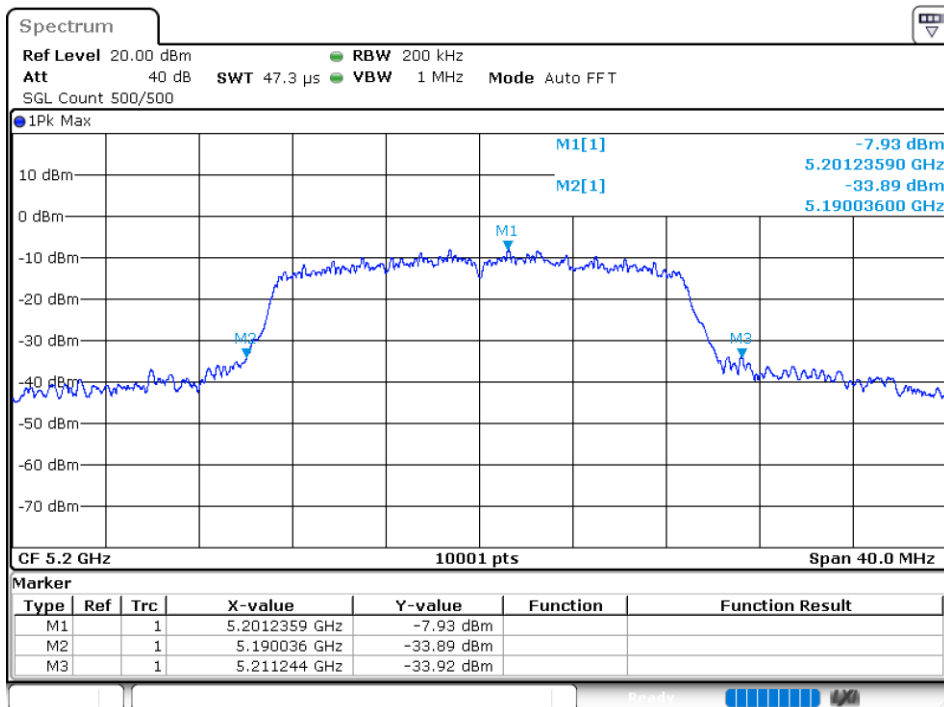
-26 dB BW NVNT 802.11ac20 5180MHz Ant1



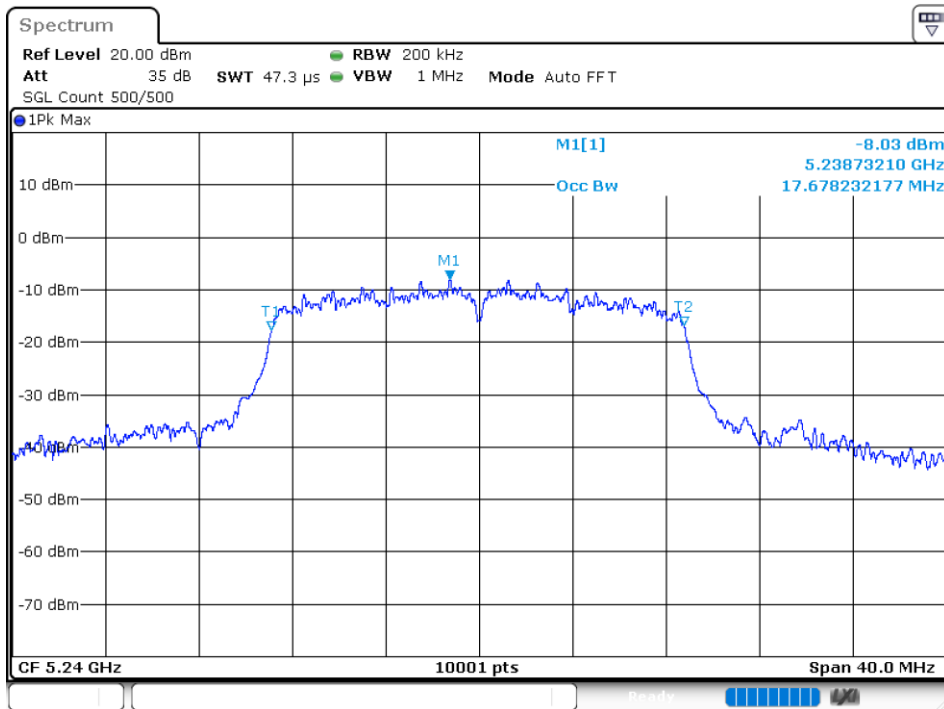
OBW NVNT 802.11ac20 5200MHz Ant1



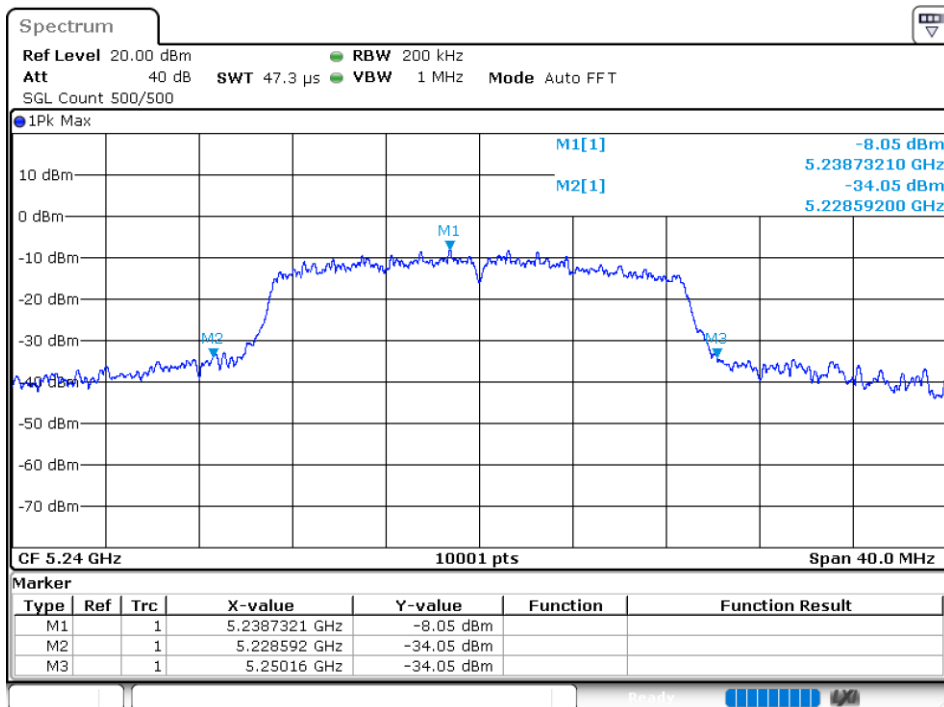
-26 dB BW NVNT 802.11ac20 5200MHz Ant1



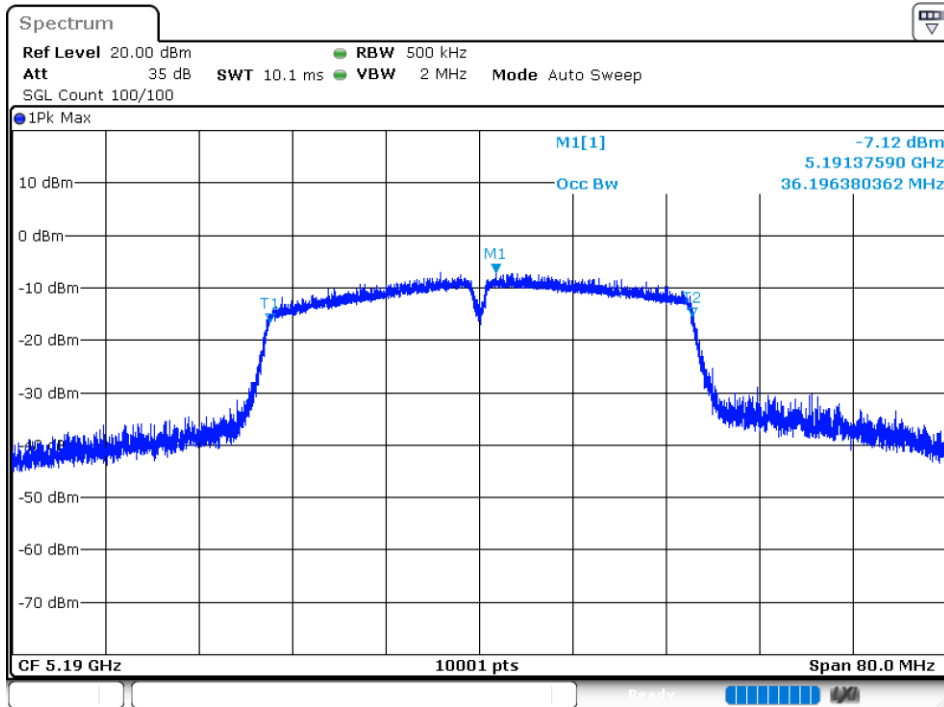
OBW NVNT 802.11ac20 5240MHz Ant1



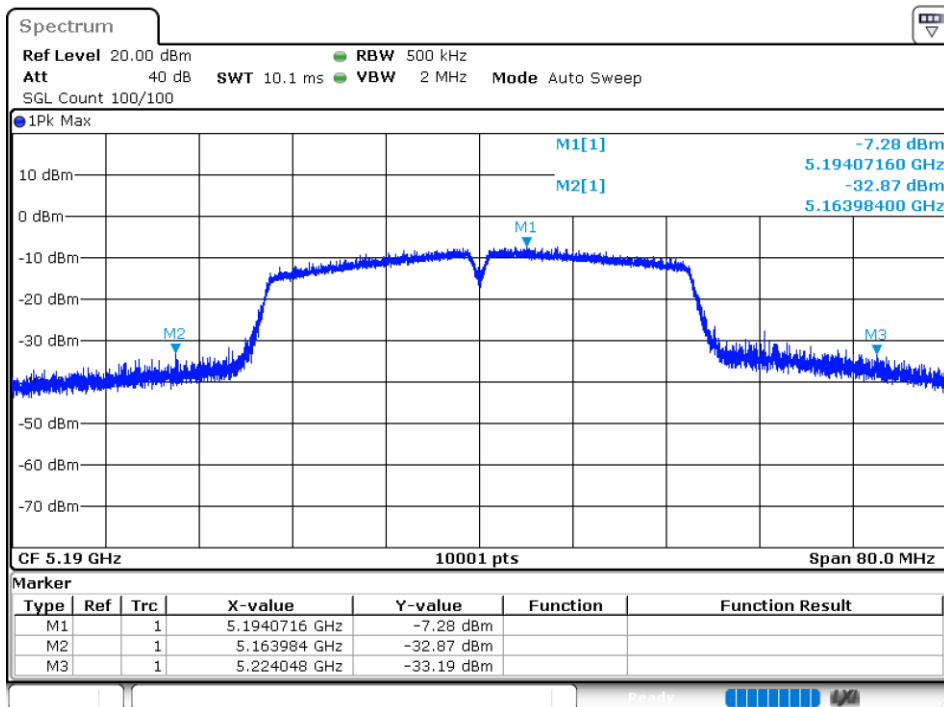
-26 dB BW NVNT 802.11ac20 5240MHz Ant1



OBW NVNT 802.11ac40 5190MHz Ant1

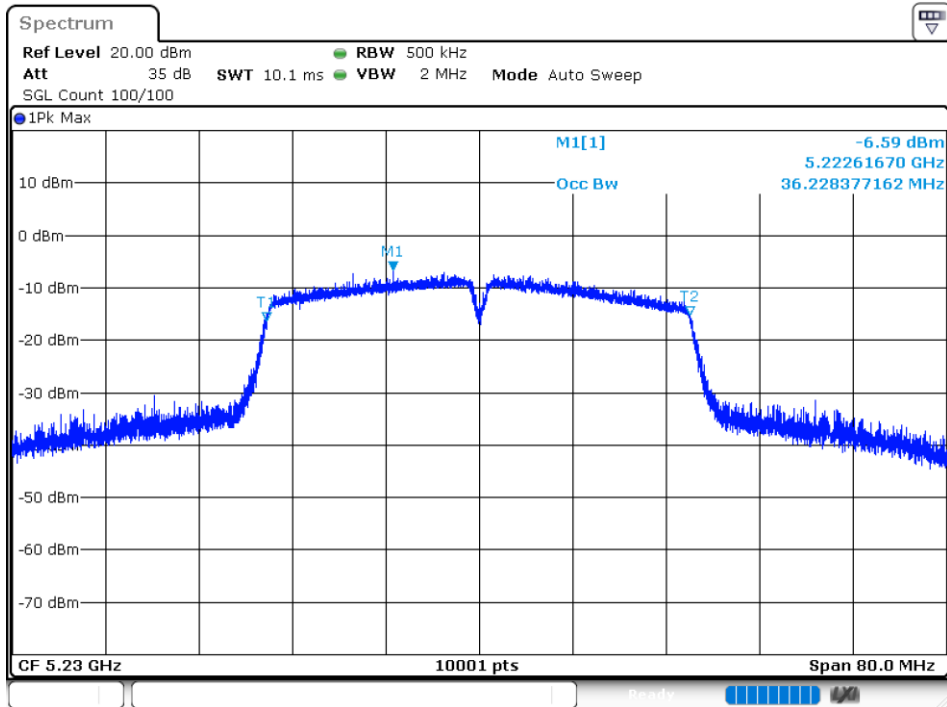


-26 dB BW NVNT 802.11ac40 5190MHz Ant1

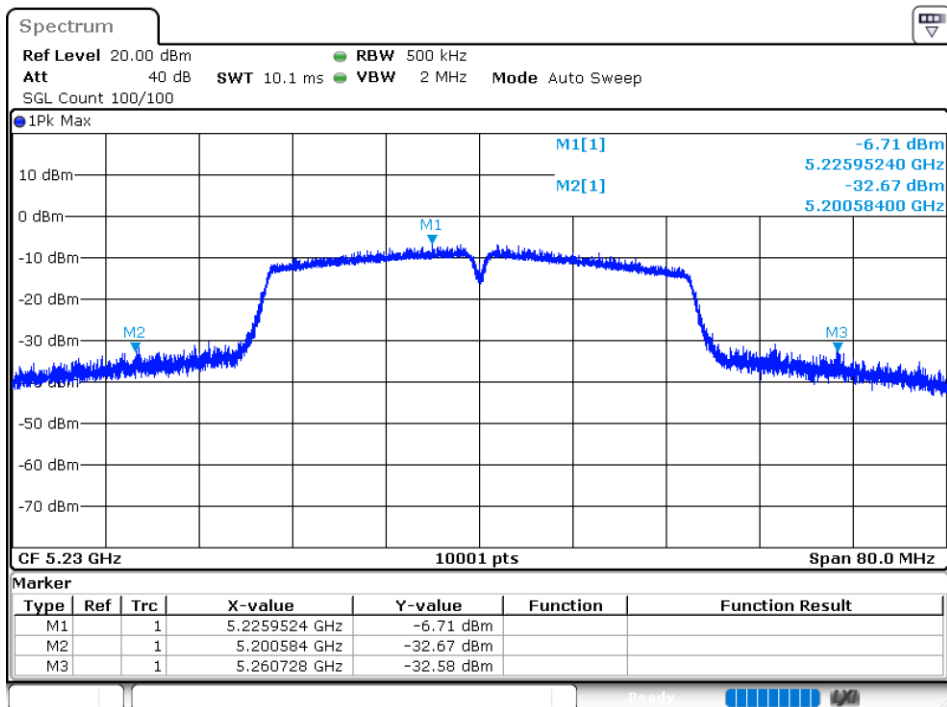




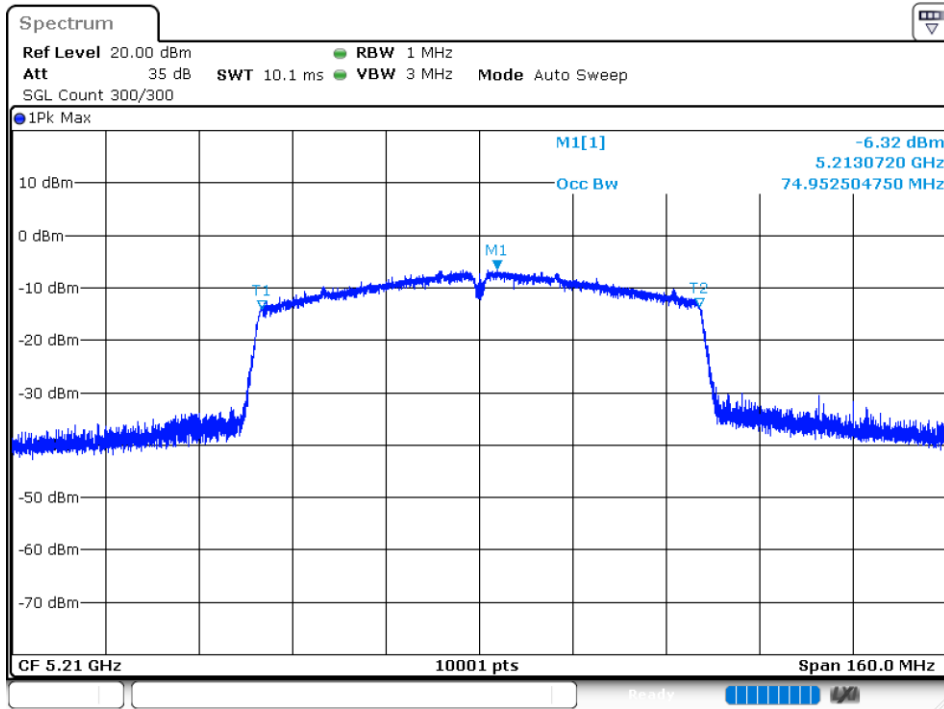
OBW NVNT 802.11ac40 5230MHz Ant1



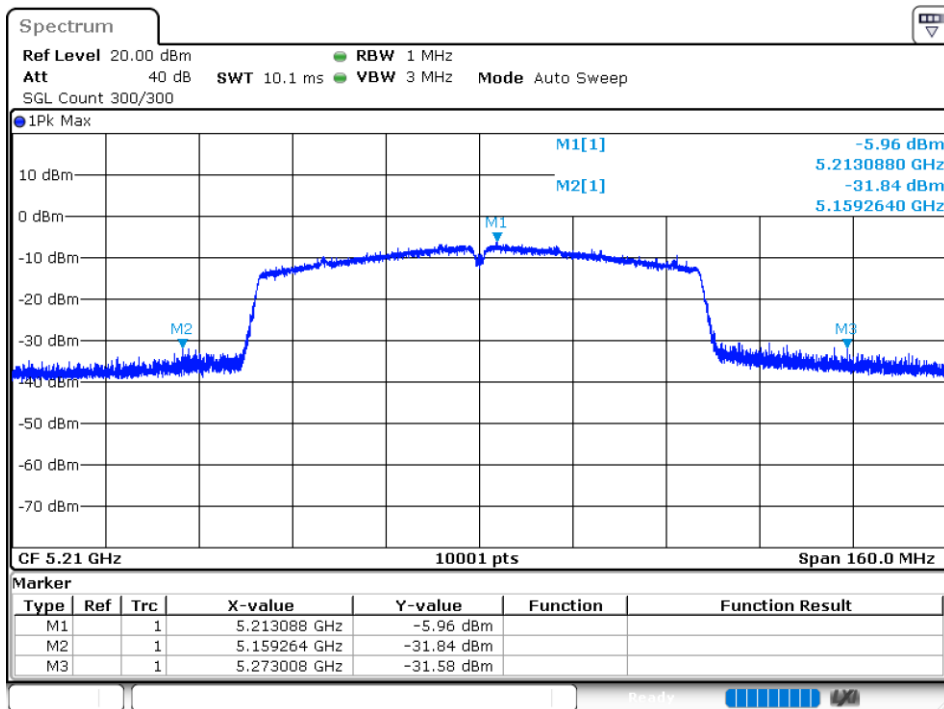
-26 dB BW NVNT 802.11ac40 5230MHz Ant1



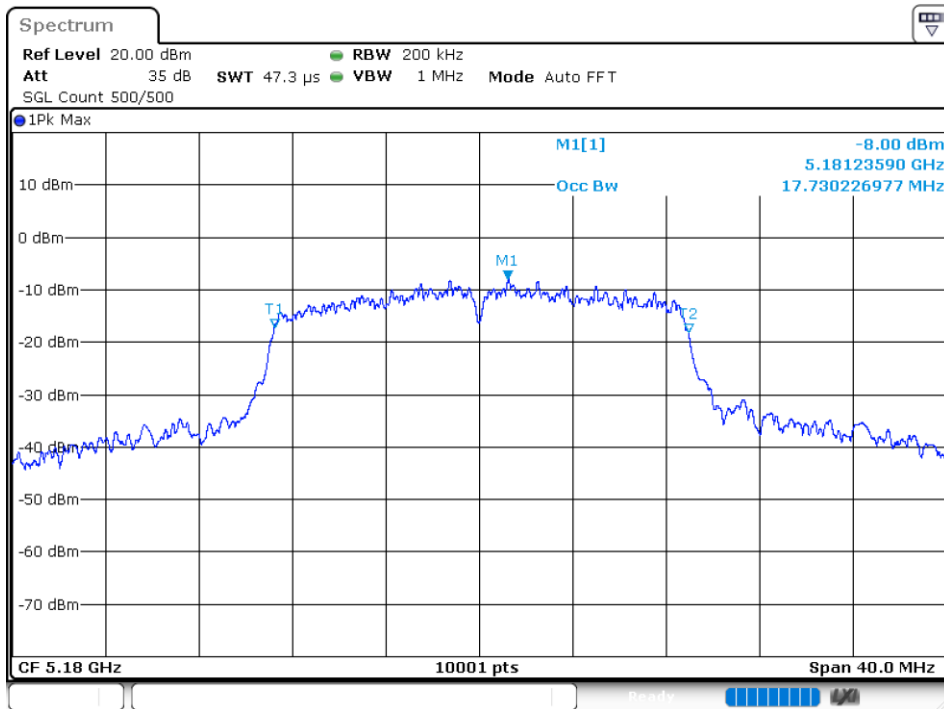
OBW NVNT 802.11ac80 5210MHz Ant1



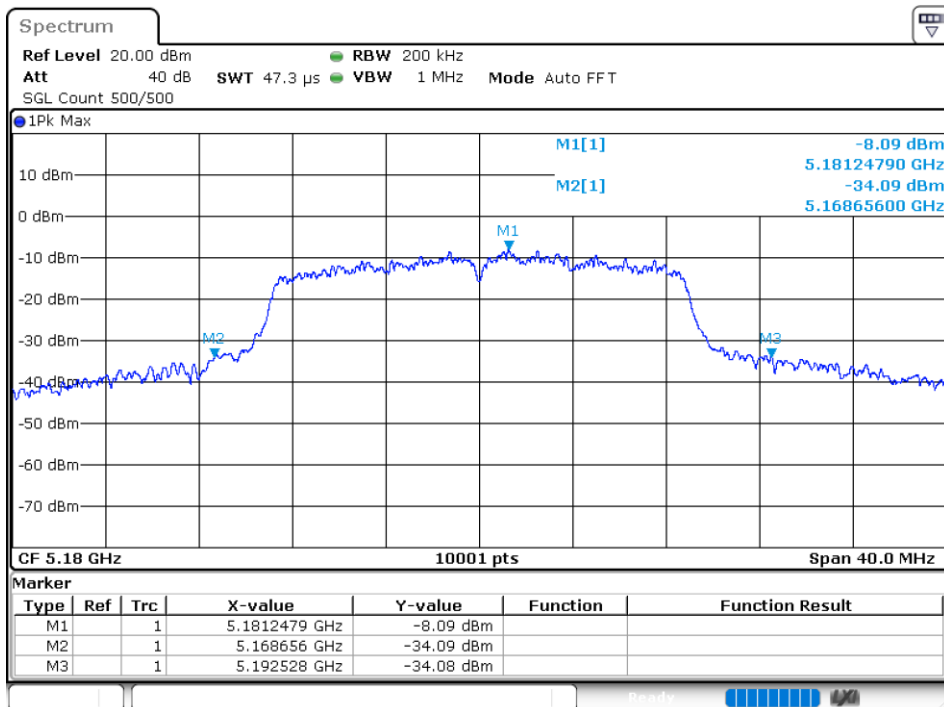
-26 dB BW NVNT 802.11ac80 5210MHz Ant1



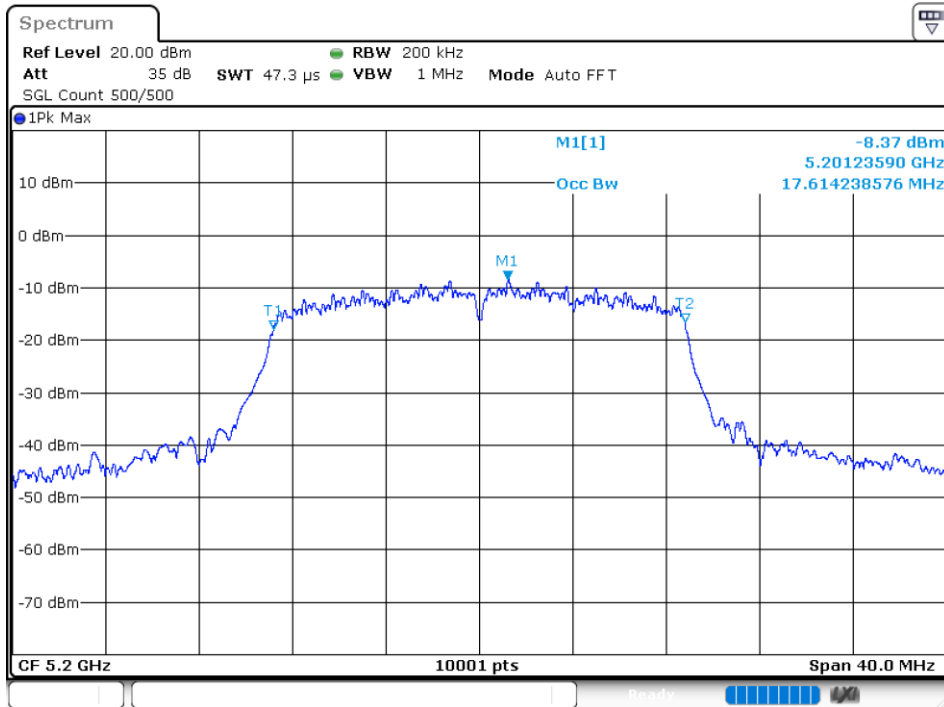
OBW NVNT 802.11n(HT20) 5180MHz Ant1



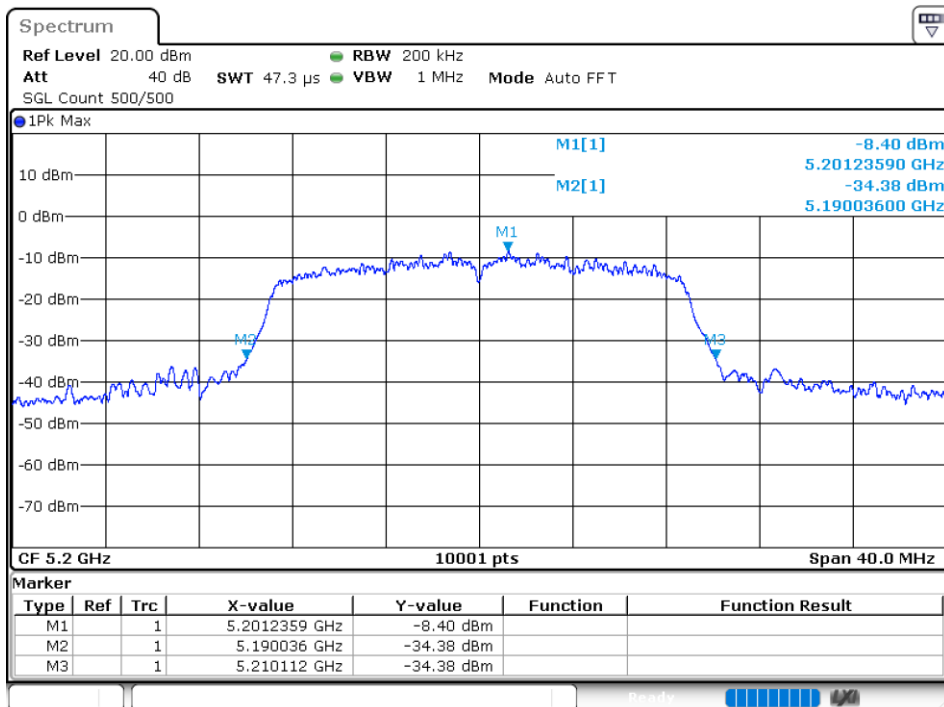
-26 dB BW NVNT 802.11n(HT20) 5180MHz Ant1



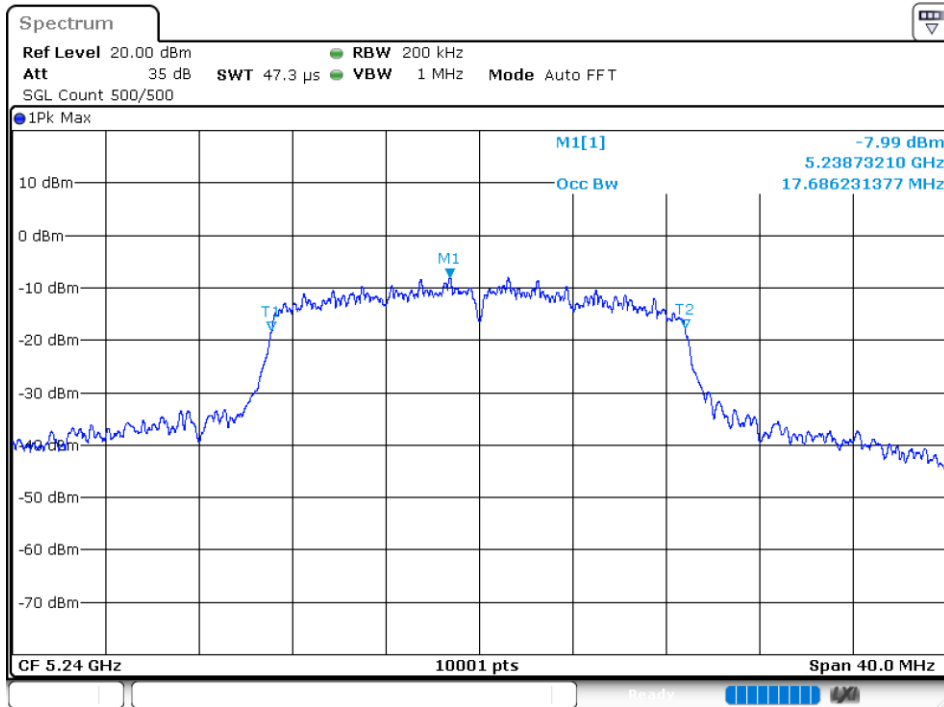
OBW NVNT 802.11n(HT20) 5200MHz Ant1



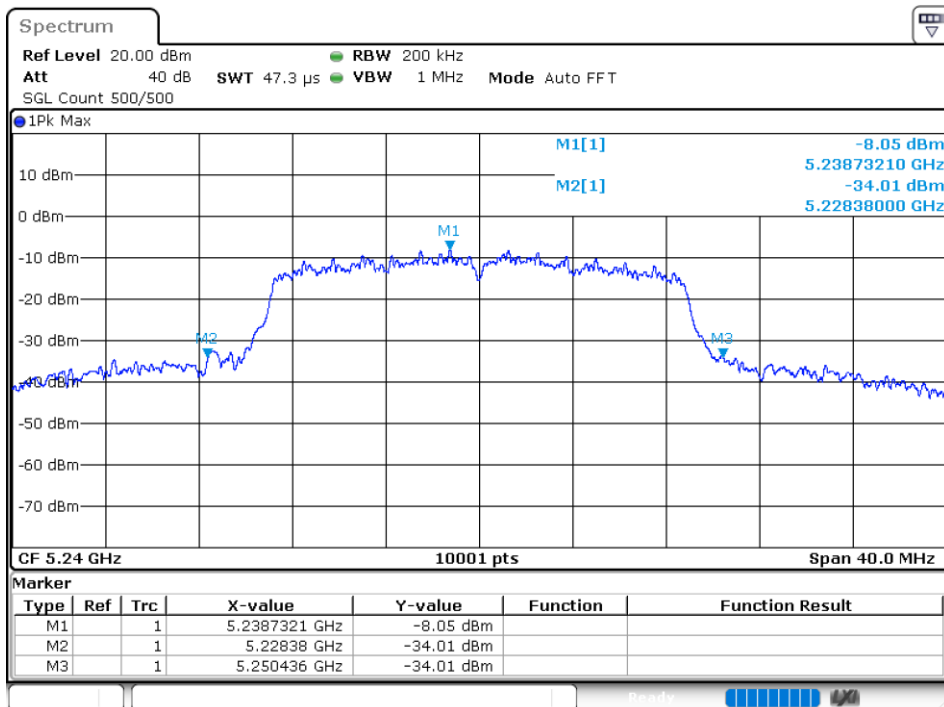
-26 dB BW NVNT 802.11n(HT20) 5200MHz Ant1



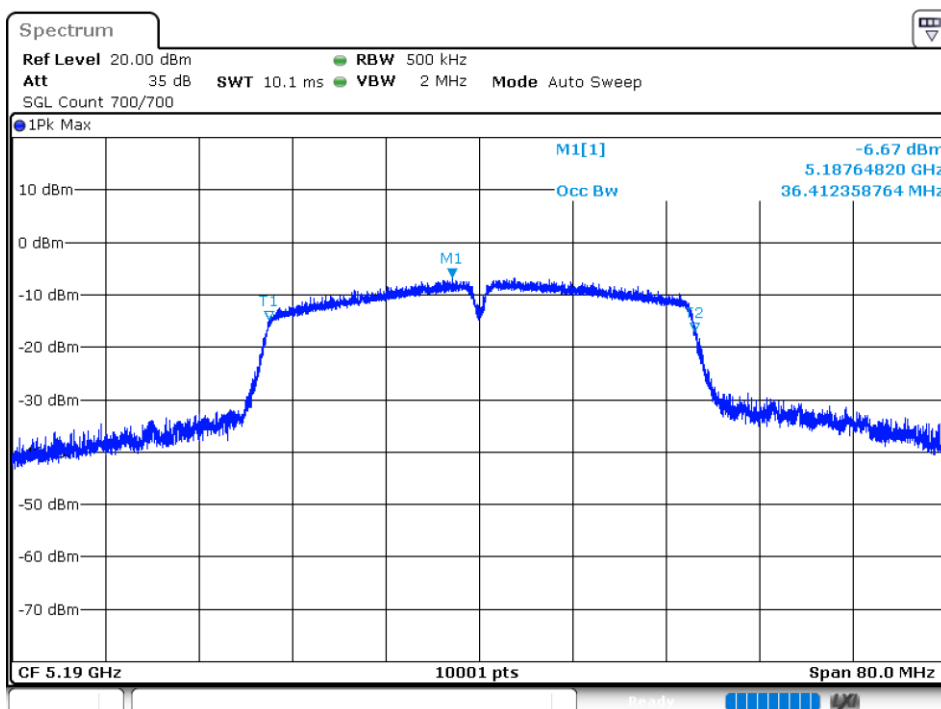
OBW NVNT 802.11n(HT20) 5240MHz Ant1



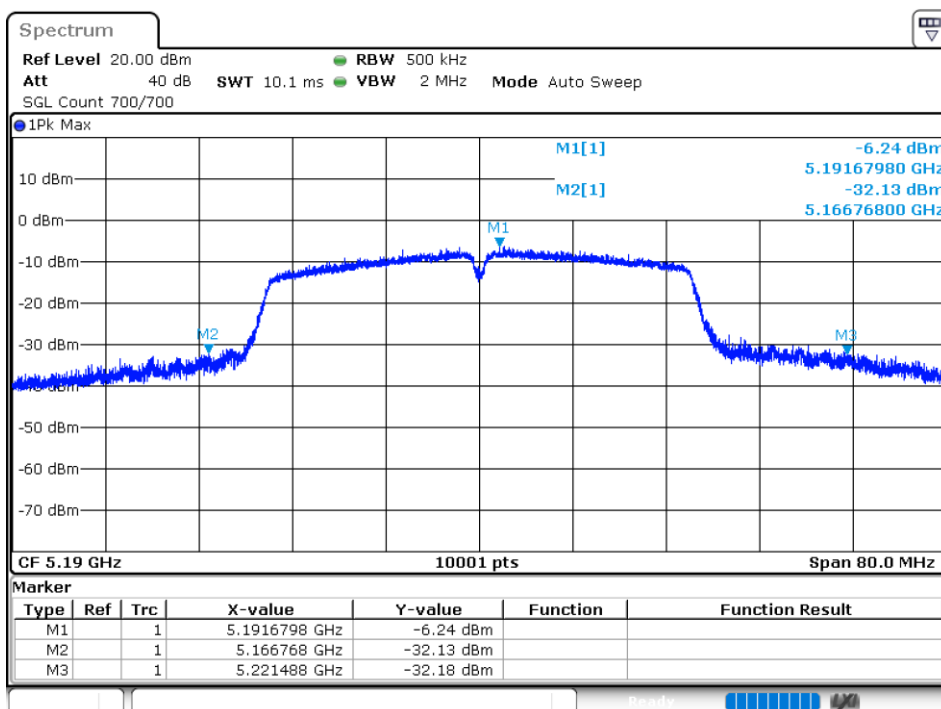
-26 dB BW NVNT 802.11n(HT20) 5240MHz Ant1



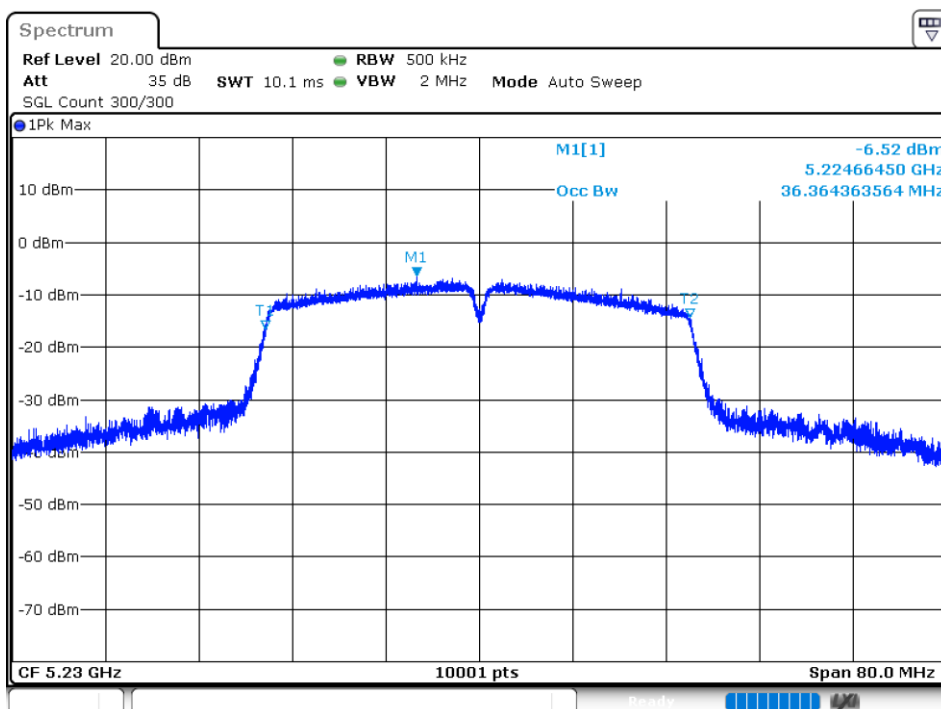
OBW NVNT 802.11n(HT40) 5190MHz Ant1



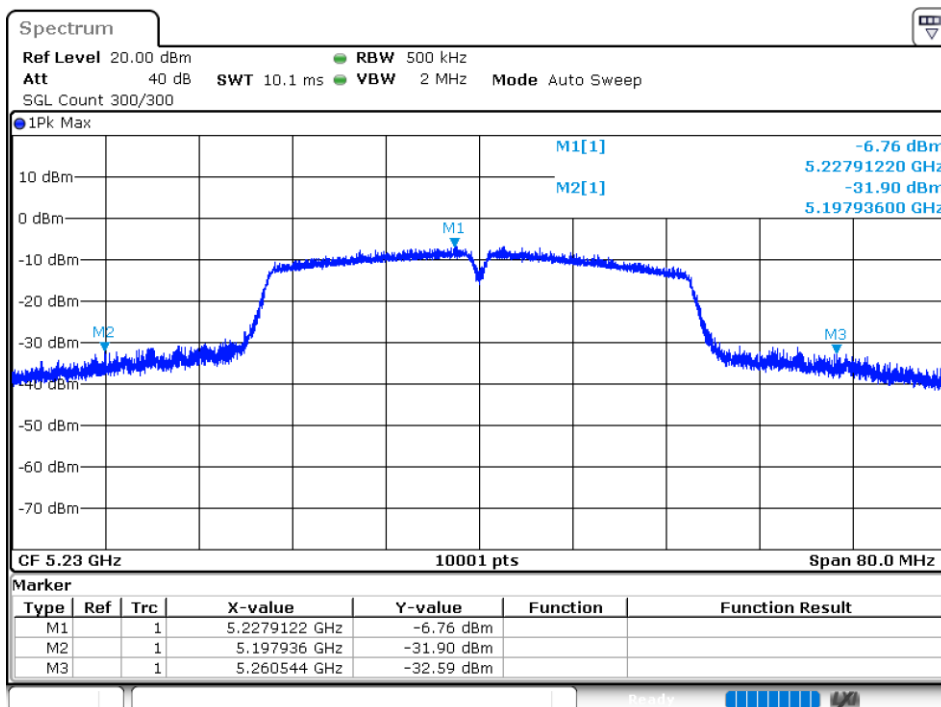
-26 dB BW NVNT 802.11n(HT40) 5190MHz Ant1



OBW NVNT 802.11n(HT40) 5230MHz Ant1



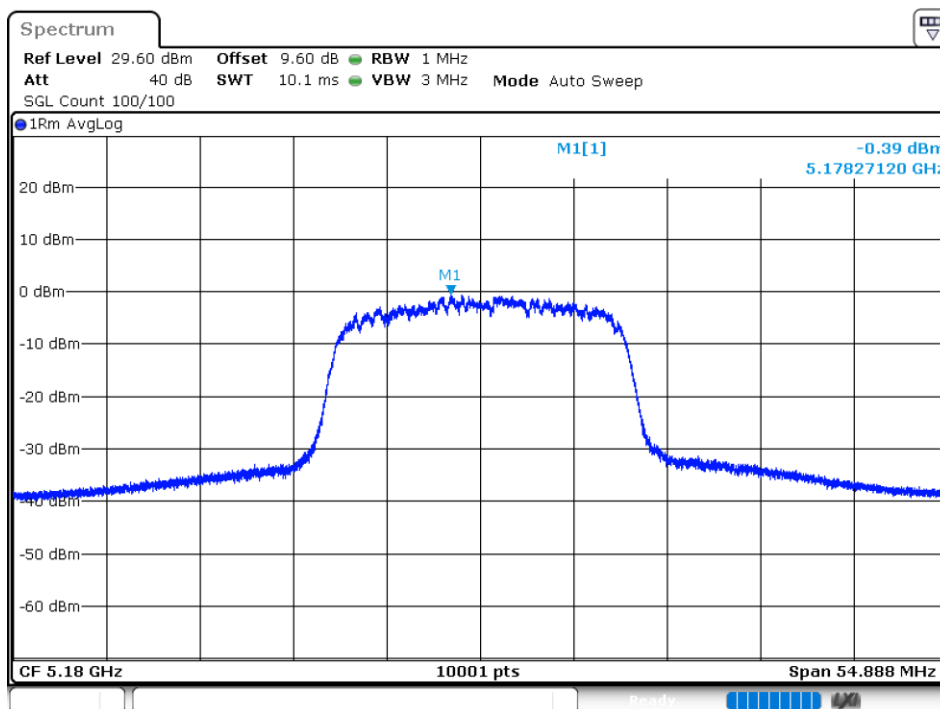
-26 dB BW NVNT 802.11n(HT40) 5230MHz Ant1



### Maximum Power Spectral Density Level

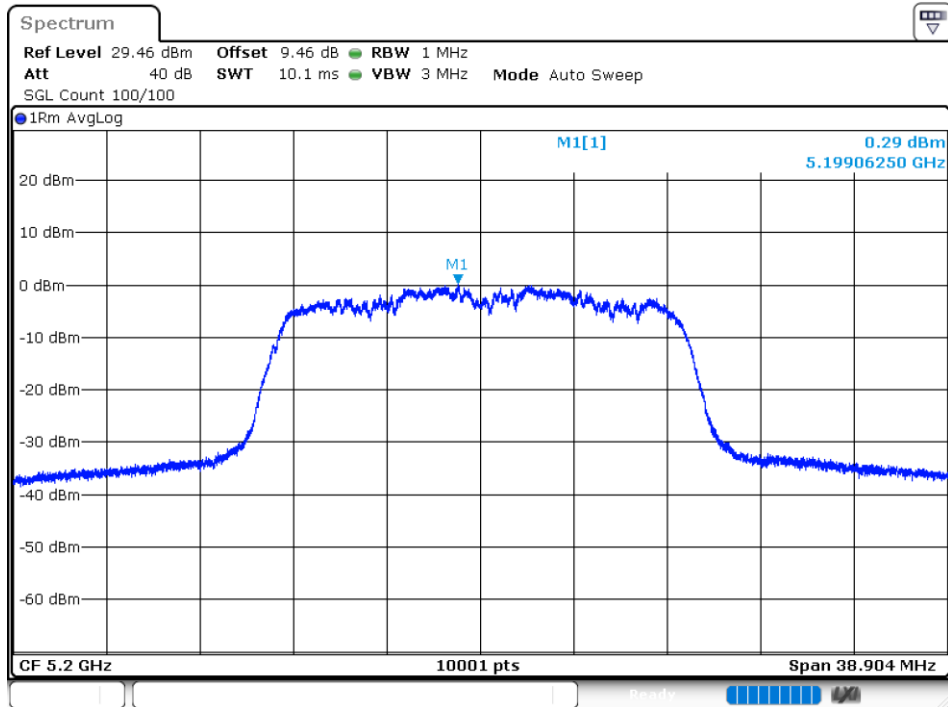
Condition	Mode	Frequency (MHz)	Antenna	Duty Factor (dB)	Max PSD (dBm/MHz)	Total Max PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	802.11a	5180	Ant 1	0.13	-0.39	-0.26	11	Pass
NVNT	802.11a	5200	Ant 1	0.13	0.286	0.42	11	Pass
NVNT	802.11a	5240	Ant 1	0.13	-0.198	-0.07	11	Pass
NVNT	802.11ac20	5180	Ant 1	0.14	-1.394	-1.25	11	Pass
NVNT	802.11ac20	5200	Ant 1	0.14	-0.794	-0.65	11	Pass
NVNT	802.11ac20	5240	Ant 1	0.14	-1.082	-0.94	11	Pass
NVNT	802.11ac40	5190	Ant 1	0.27	-5.005	-4.73	11	Pass
NVNT	802.11ac40	5230	Ant 1	0.27	-4.76	-4.49	11	Pass
NVNT	802.11ac80	5210	Ant 1	0.43	-9.98	-9.55	11	Pass
NVNT	802.11n(HT20)	5180	Ant 1	0.14	-0.991	-0.85	11	Pass
NVNT	802.11n(HT20)	5200	Ant 1	0.14	-2.138	-2.00	11	Pass
NVNT	802.11n(HT20)	5240	Ant 1	0.14	-1.747	-1.61	11	Pass
NVNT	802.11n(HT40)	5190	Ant 1	0.27	-5.065	-4.80	11	Pass
NVNT	802.11n(HT40)	5230	Ant 1	0.27	-4.696	-4.43	11	Pass

PSD NVNT 802.11a 5180MHz Ant1

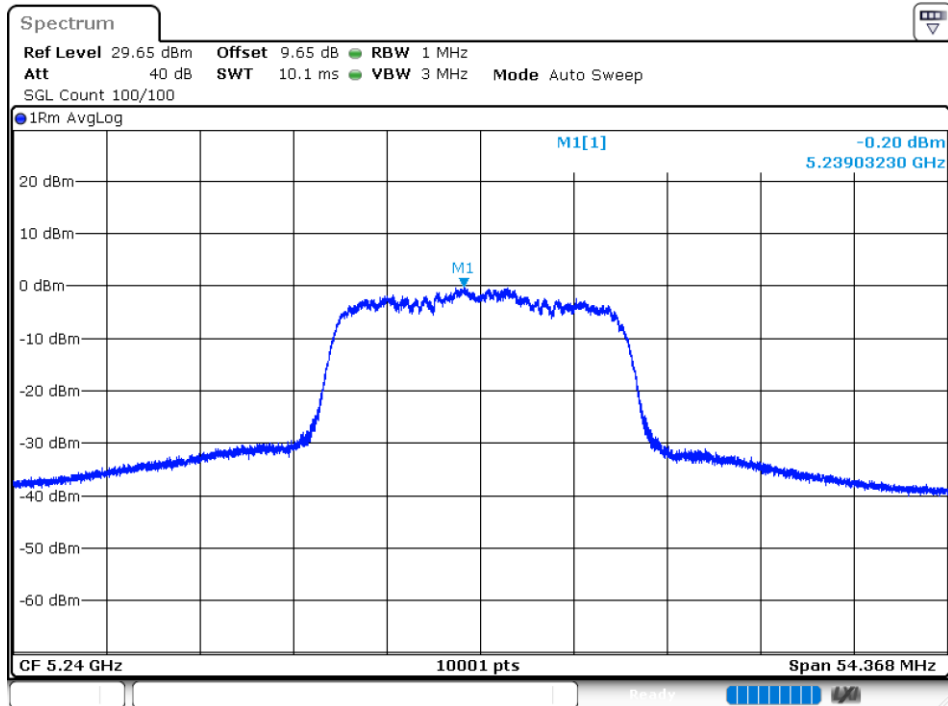




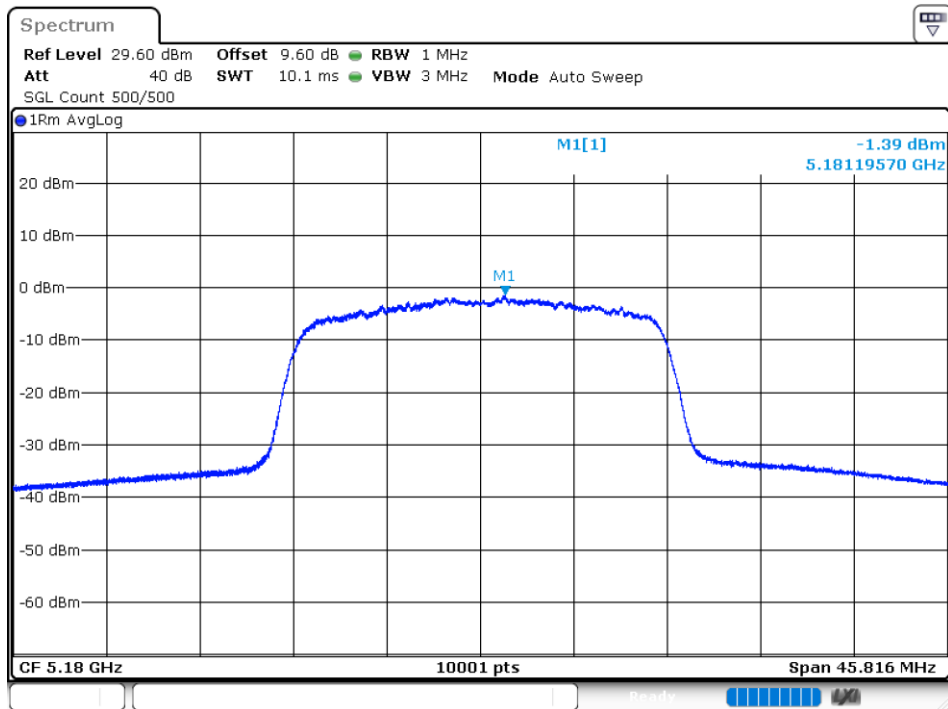
PSD NVNT 802.11a 5200MHz Ant1



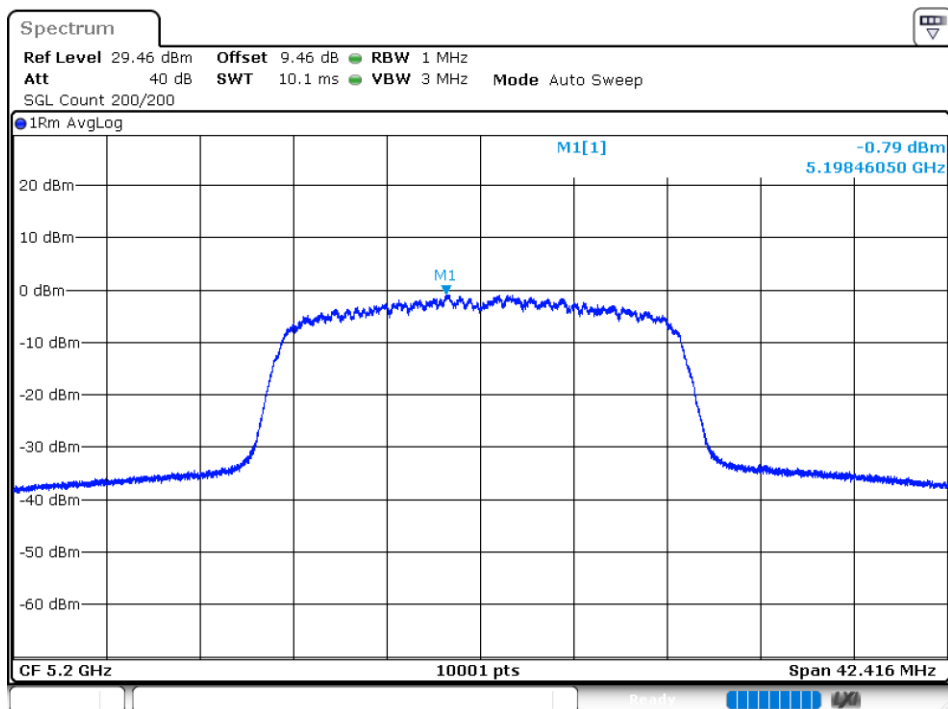
PSD NVNT 802.11a 5240MHz Ant1



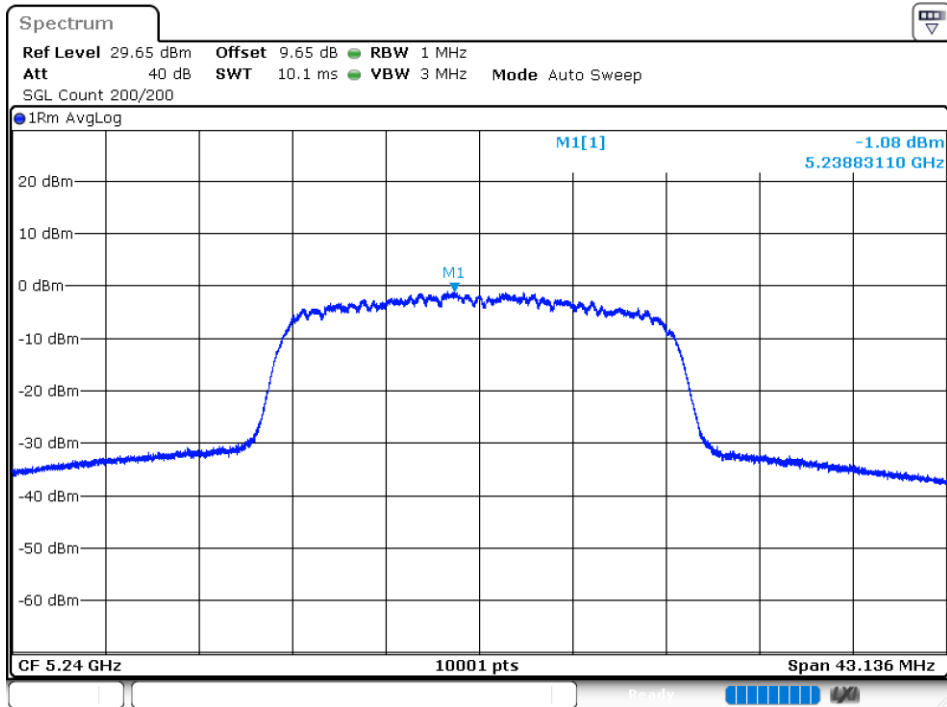
PSD NVNT 802.11ac20 5180MHz Ant1



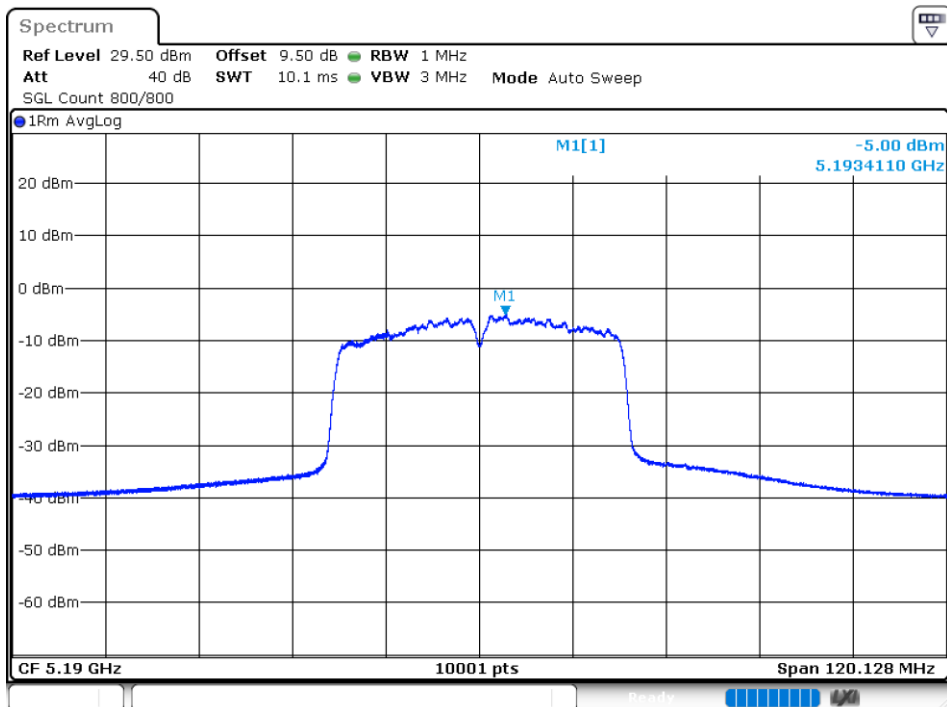
PSD NVNT 802.11ac20 5200MHz Ant1



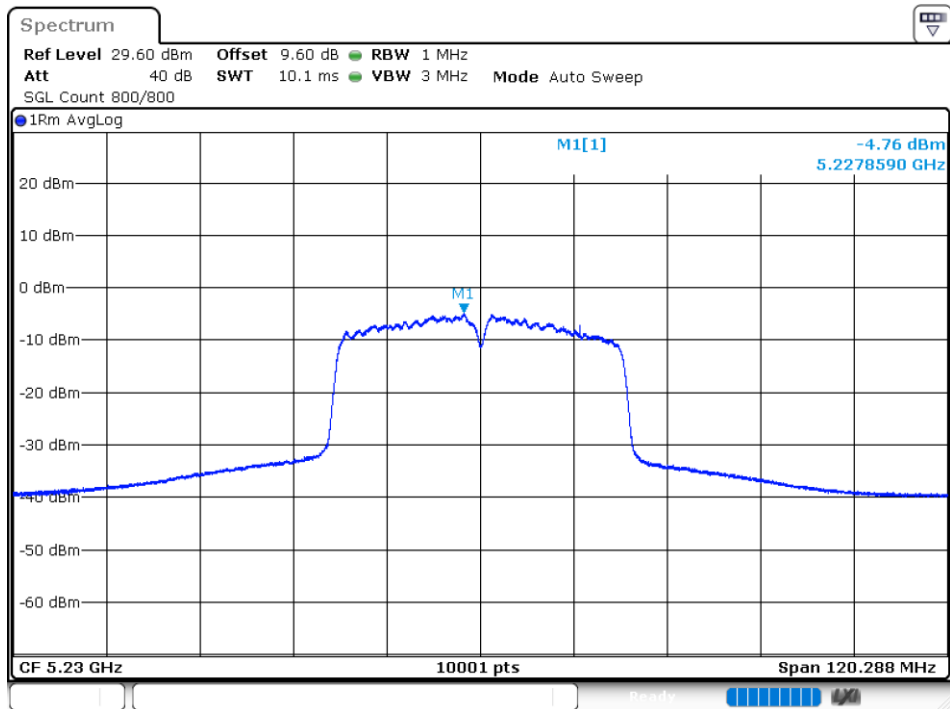
PSD NVNT 802.11ac20 5240MHz Ant1



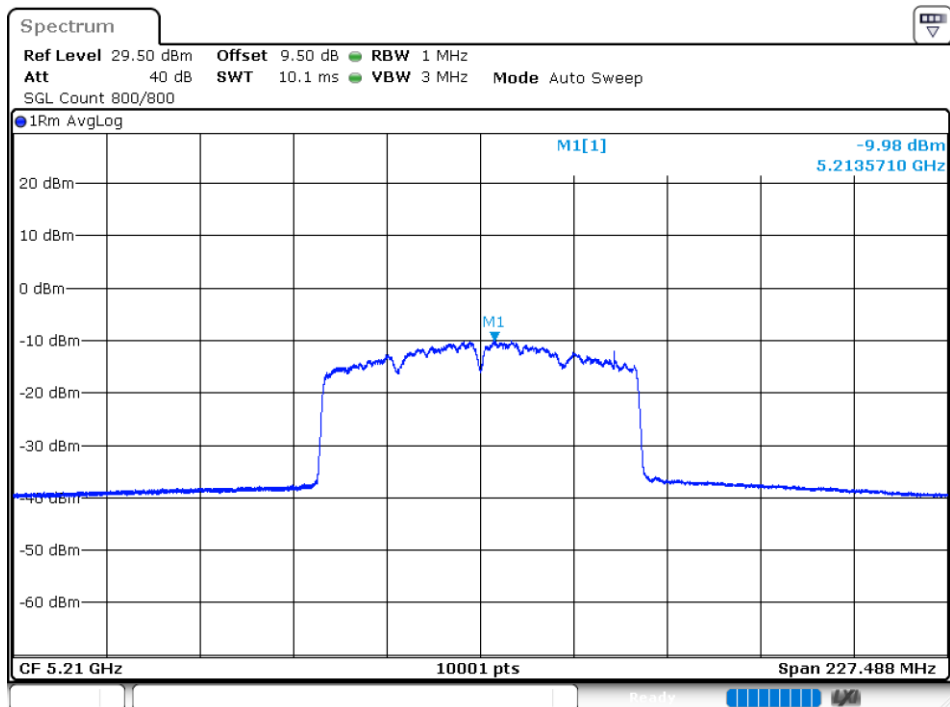
PSD NVNT 802.11ac40 5190MHz Ant1



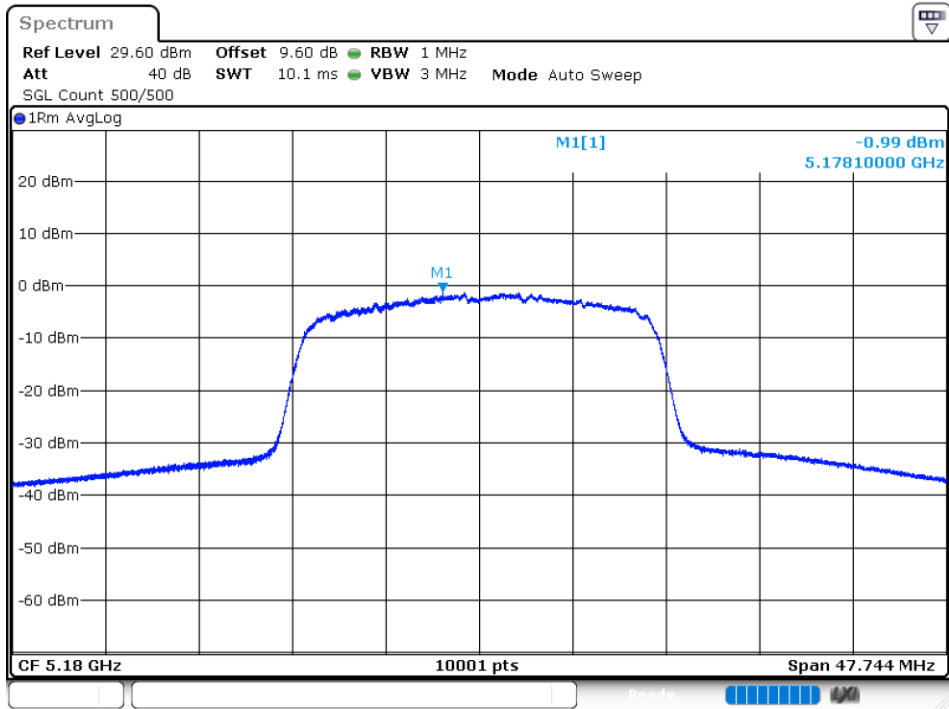
PSD NVNT 802.11ac40 5230MHz Ant1



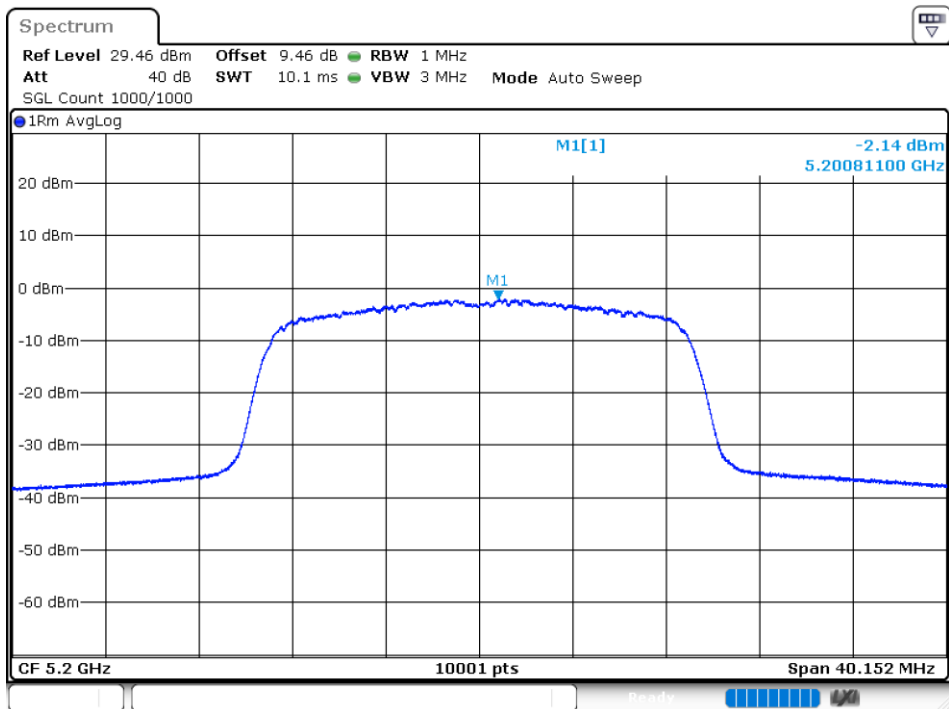
PSD NVNT 802.11ac80 5210MHz Ant1



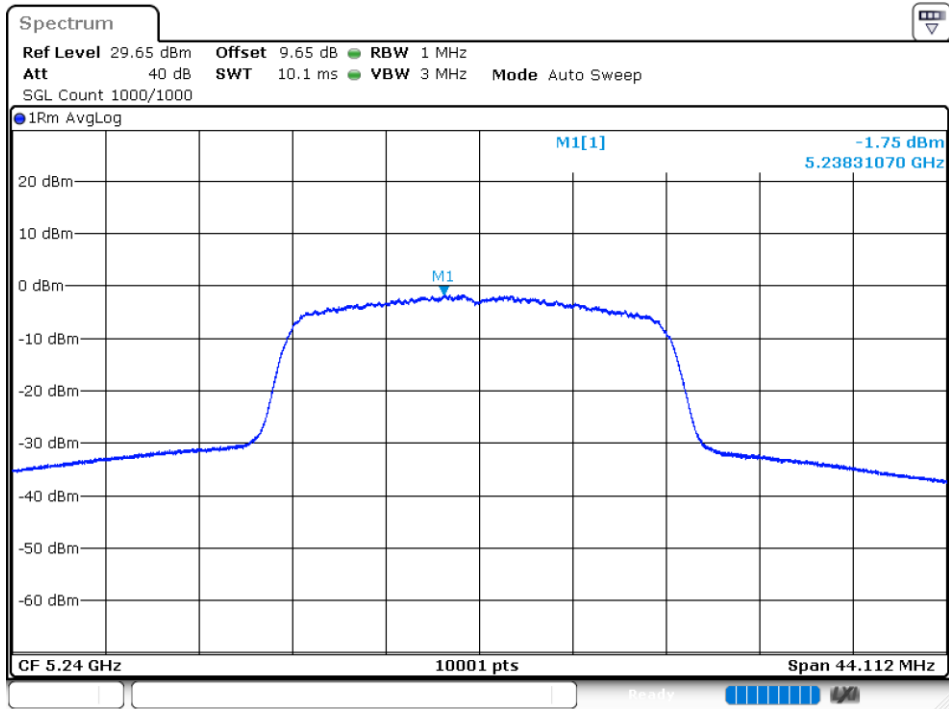
PSD NVNT 802.11n(HT20) 5180MHz Ant1



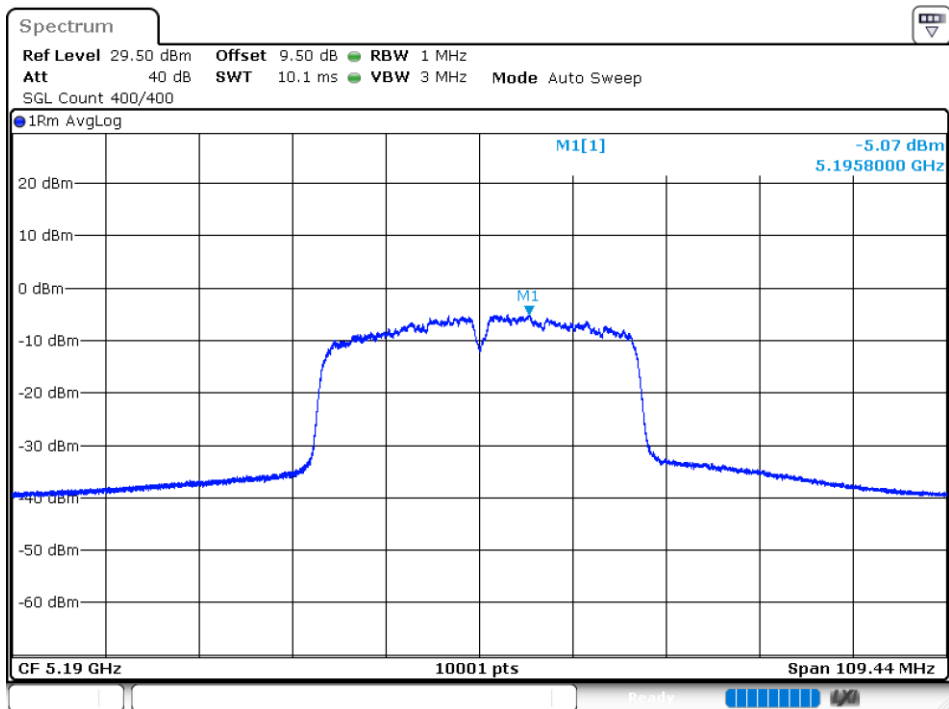
PSD NVNT 802.11n(HT20) 5200MHz Ant1



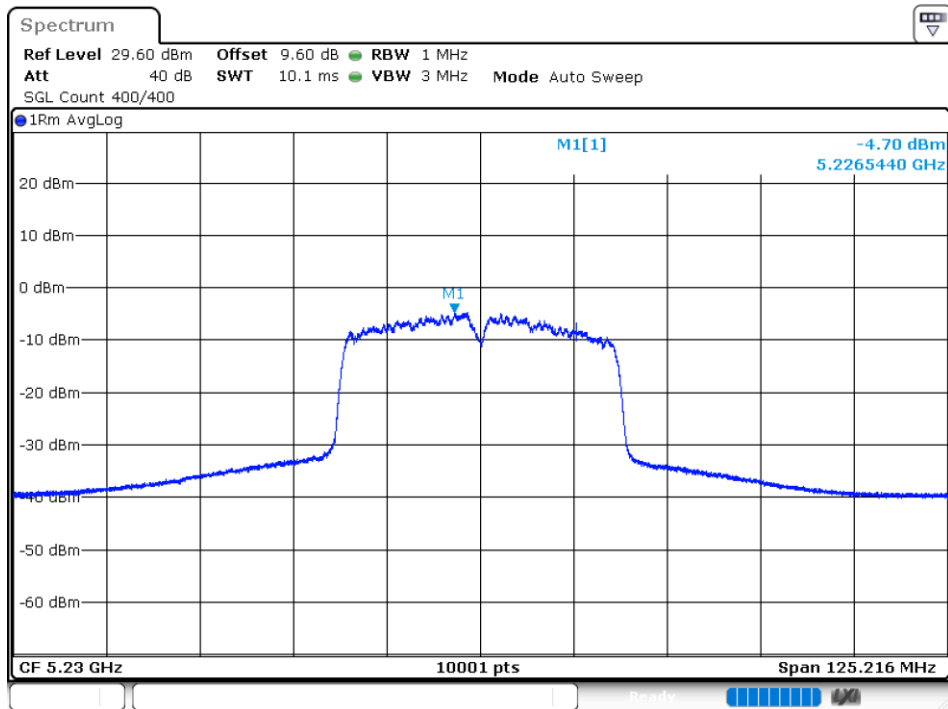
PSD NVNT 802.11n(HT20) 5240MHz Ant1



PSD NVNT 802.11n(HT40) 5190MHz Ant1



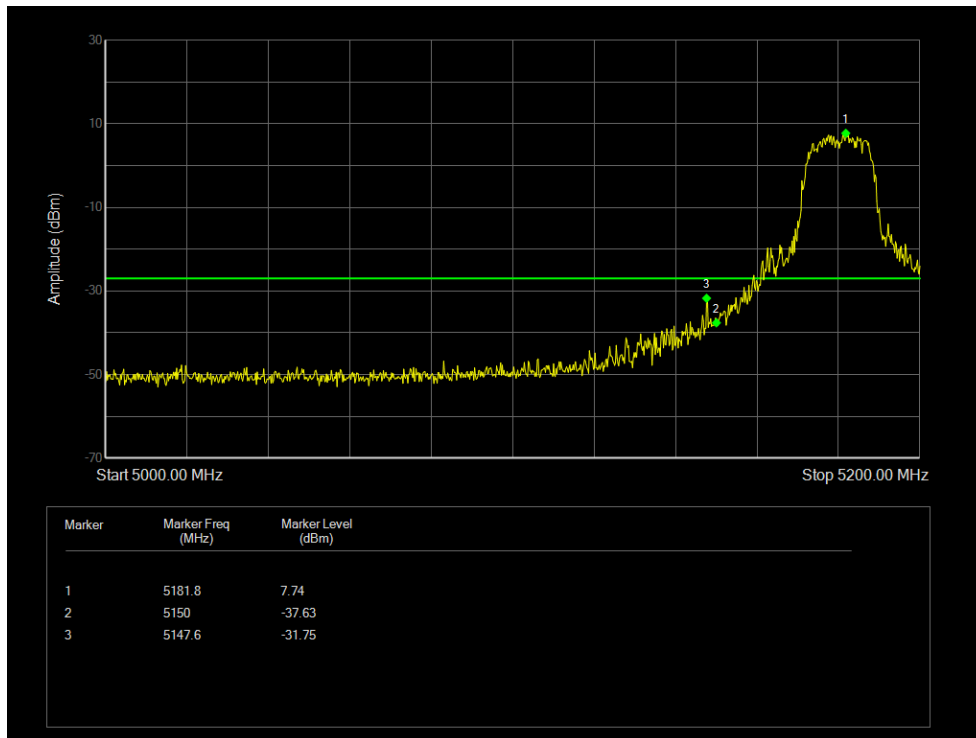
PSD NVNT 802.11n(HT40) 5230MHz Ant1



**Band Edge**

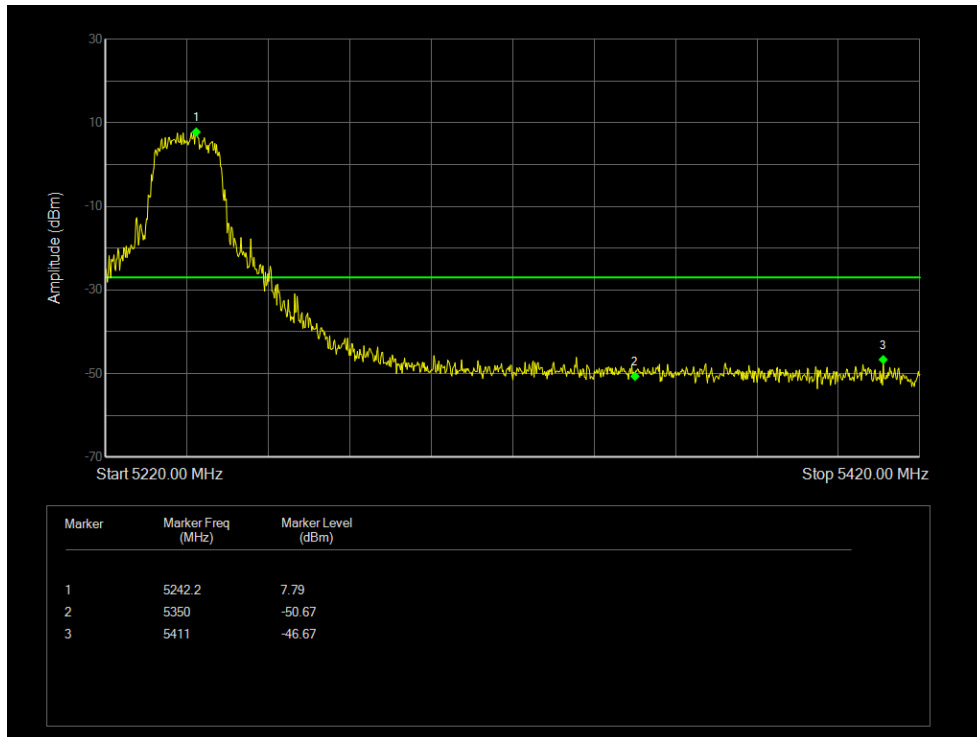
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	-31.75	-27	Pass
NVNT	802.11a	5240	Ant 1	-46.67	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-32.15	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-45.93	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-30.27	-27	Pass
NVNT	802.11ac40	5230	Ant 1	-45.92	-27	Pass
NVNT	802.11ac80	5210	Ant 1	-33.66	-27	Pass
NVNT	802.11ac80	5210	Ant 1	-29.15	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-33.17	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-47.59	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-30.34	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-46.63	-27	Pass

Band Edge NVNT 802.11a 5180MHz Low Ant1

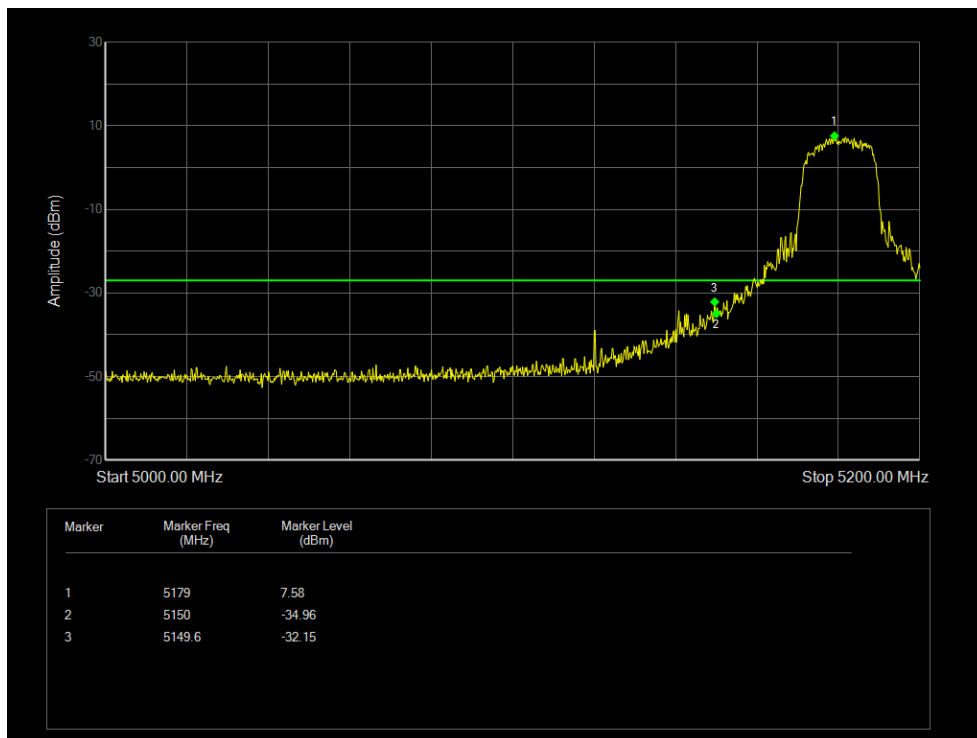




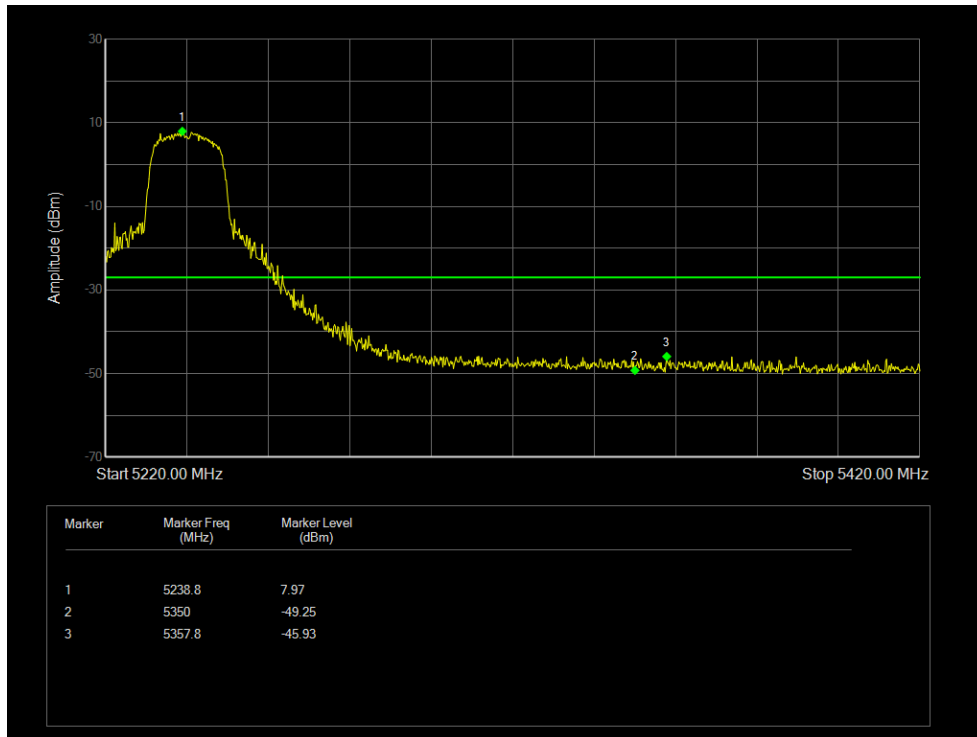
Band Edge NVNT 802.11a 5240MHz High Ant1



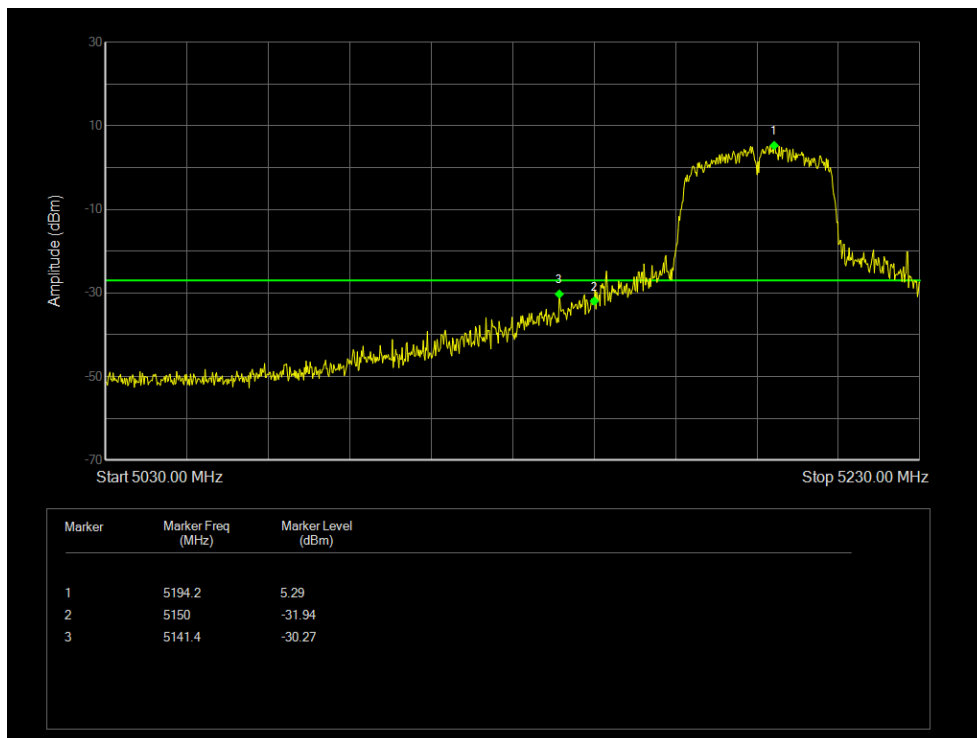
Band Edge NVNT 802.11ac20 5180MHz Low Ant1



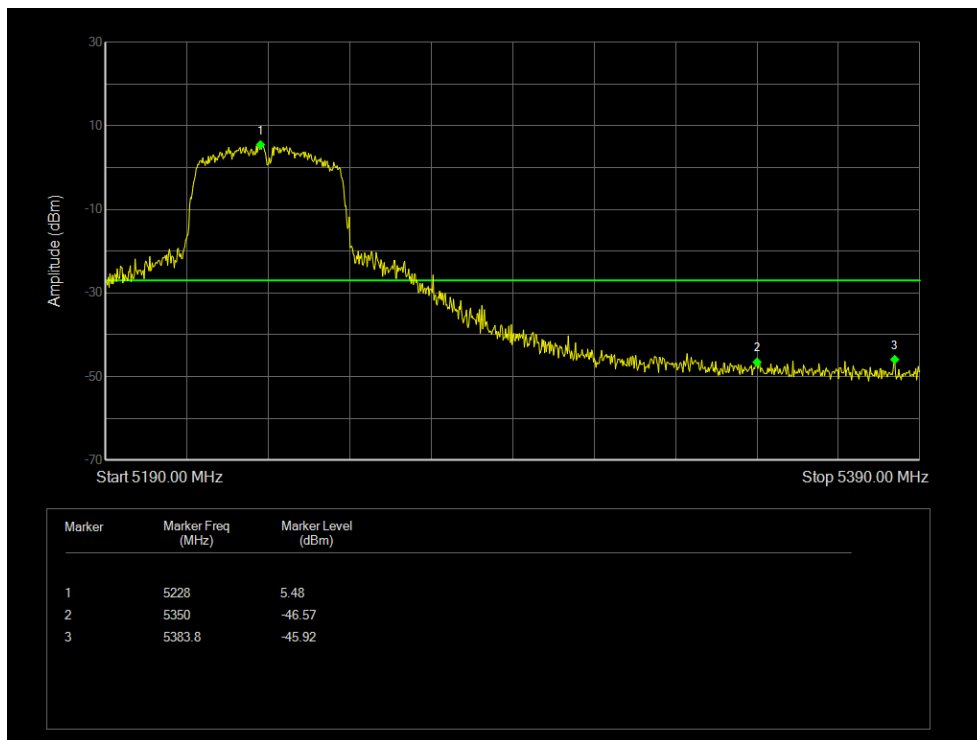
Band Edge NVNT 802.11ac20 5240MHz High Ant1



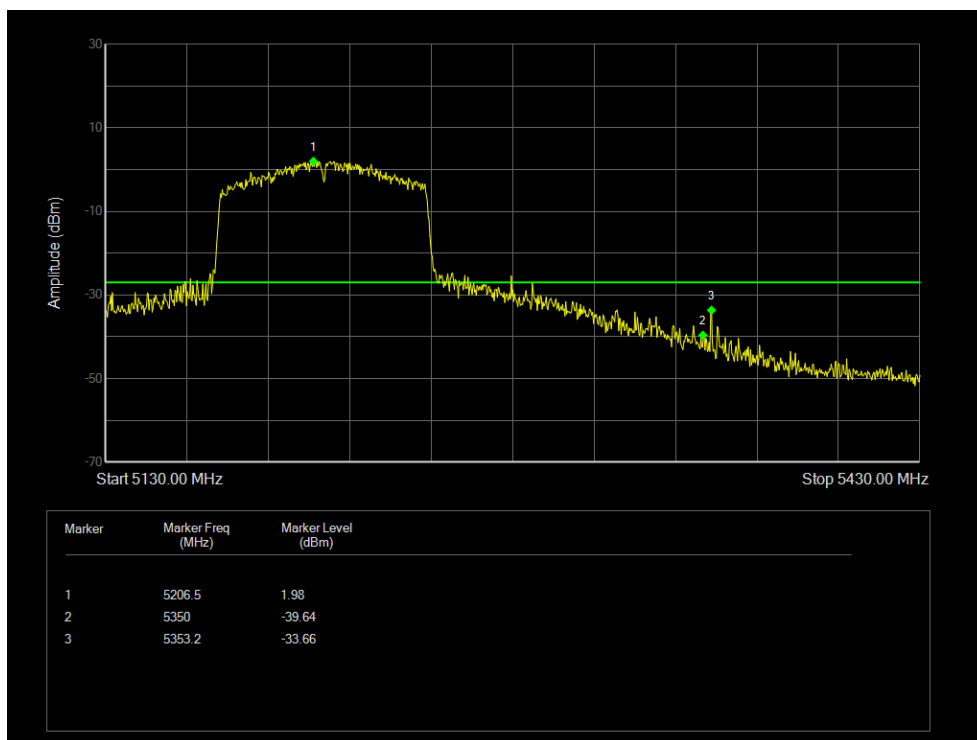
Band Edge NVNT 802.11ac40 5190MHz Low Ant1



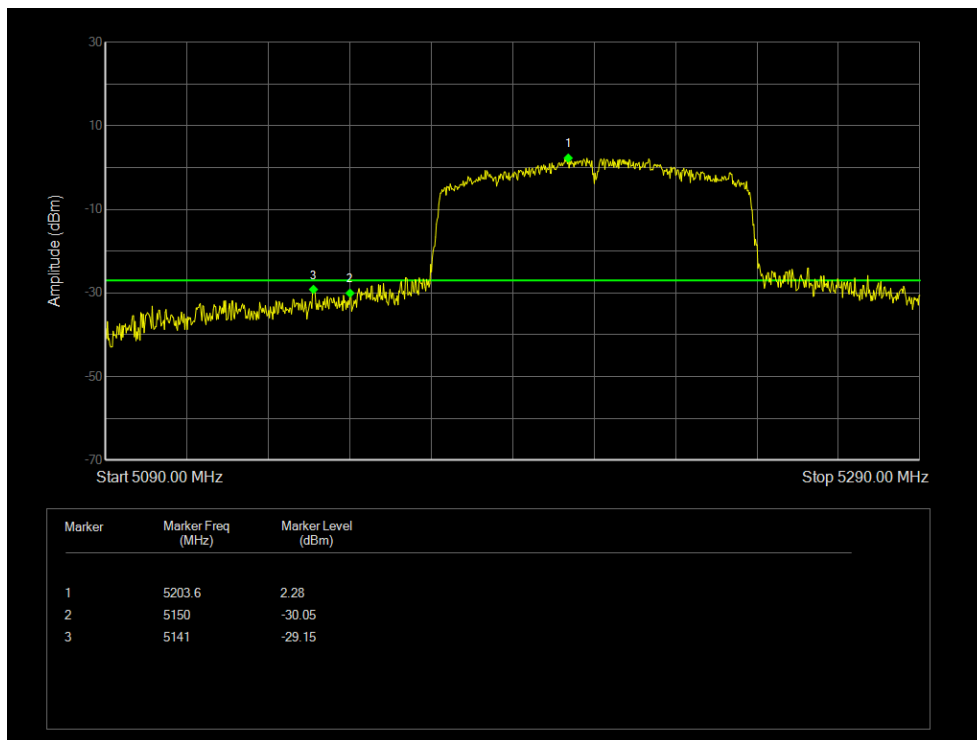
Band Edge NVNT 802.11ac40 5230MHz High Ant1



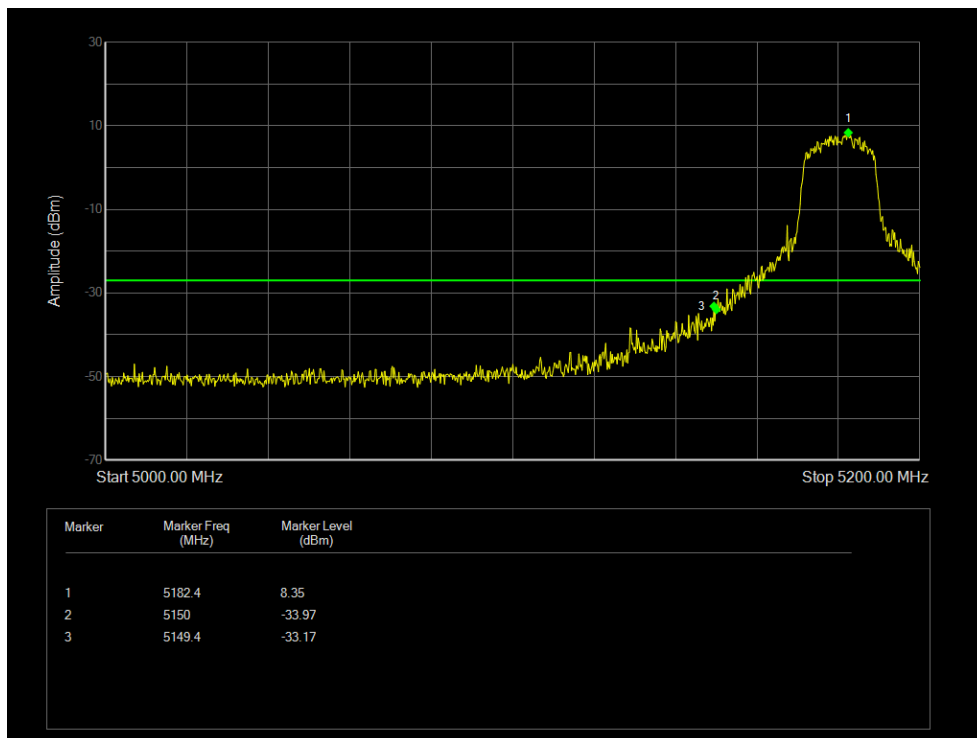
Band Edge NVNT 802.11ac80 5210MHz High Ant1



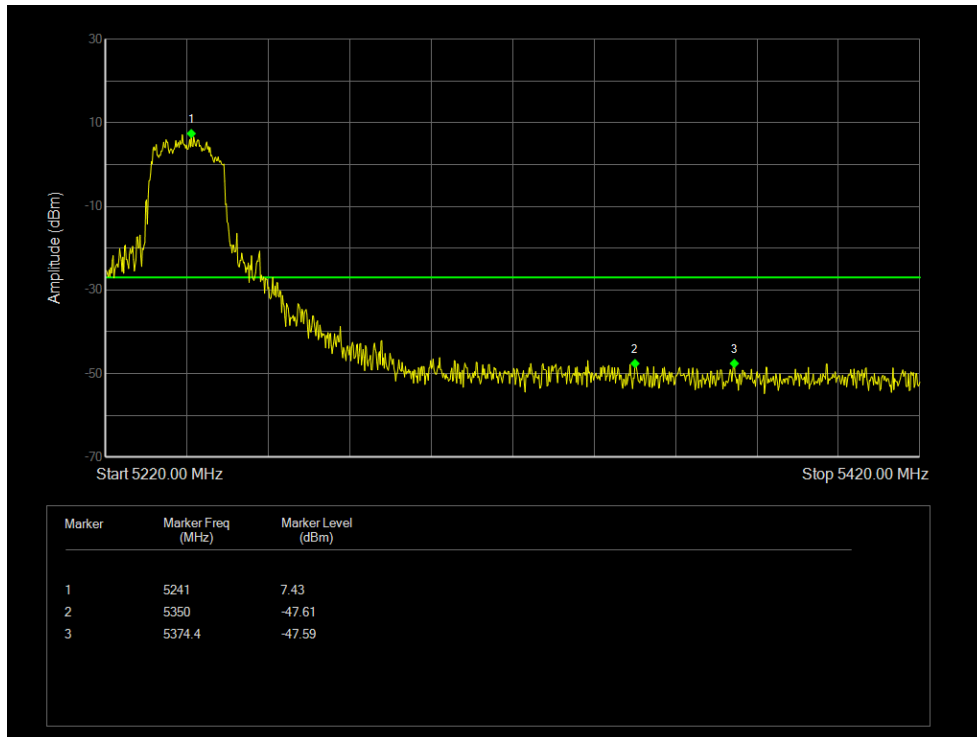
Band Edge NVNT 802.11ac80 5210MHz Low Ant1



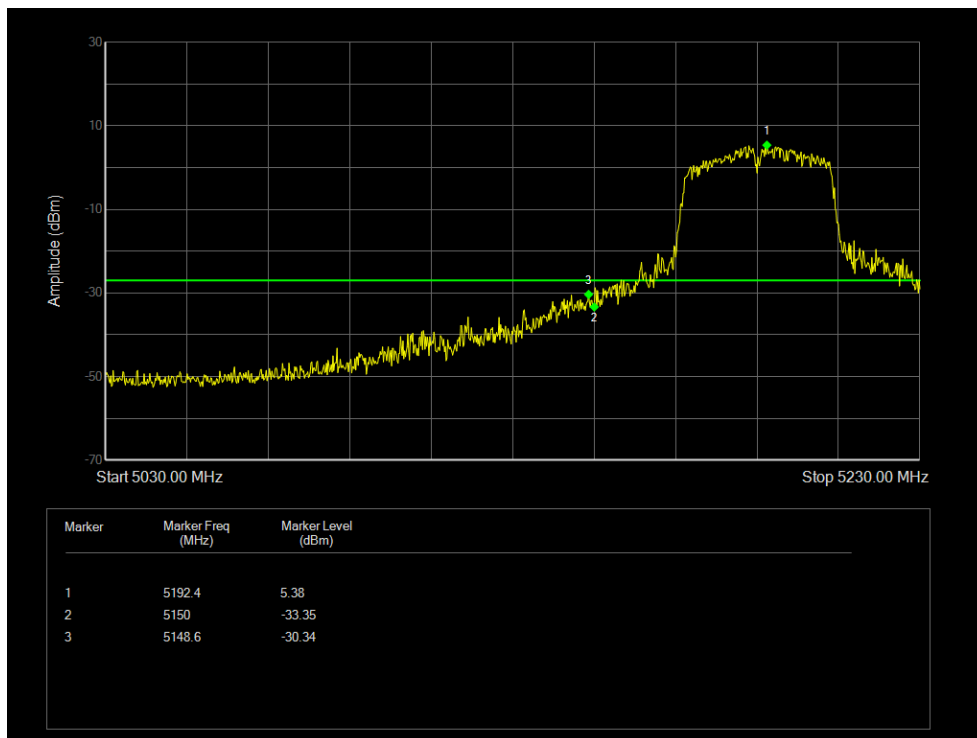
Band Edge NVNT 802.11n(HT20) 5180MHz Low Ant1



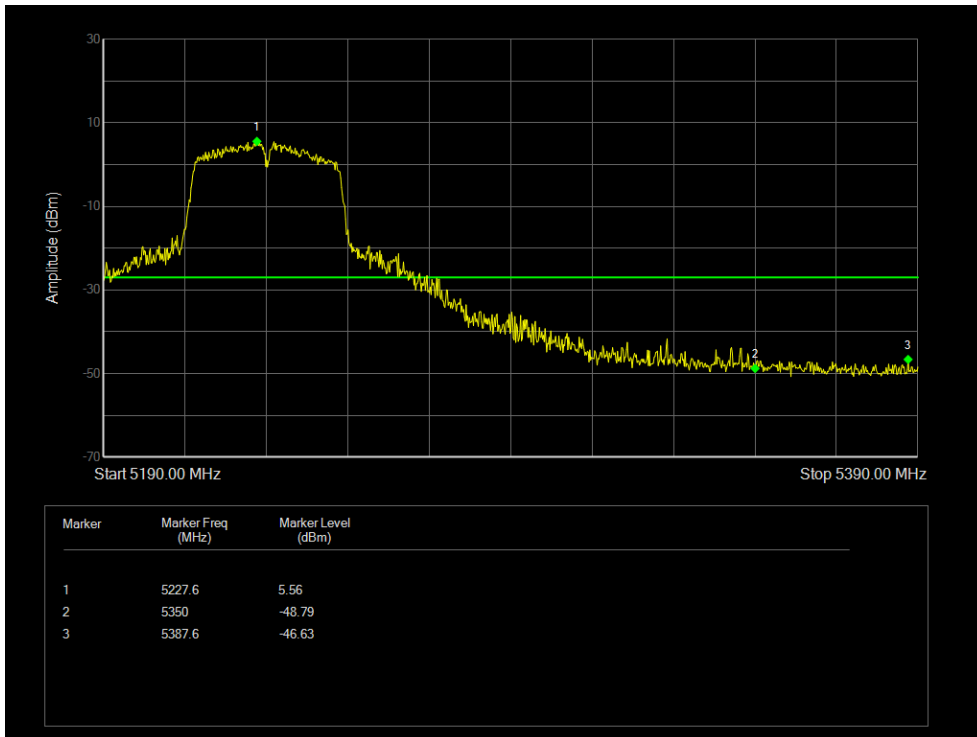
Band Edge NVNT 802.11n(HT20) 5240MHz High Ant1



Band Edge NVNT 802.11n(HT40) 5190MHz Low Ant1



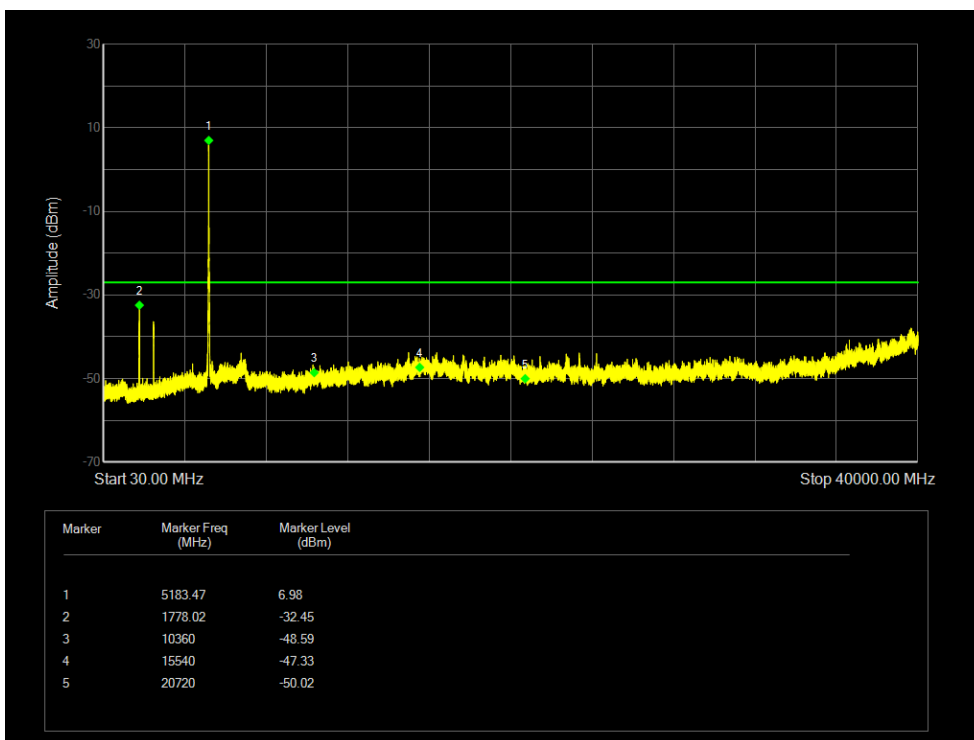
Band Edge NVNT 802.11n(HT40) 5230MHz High Ant1



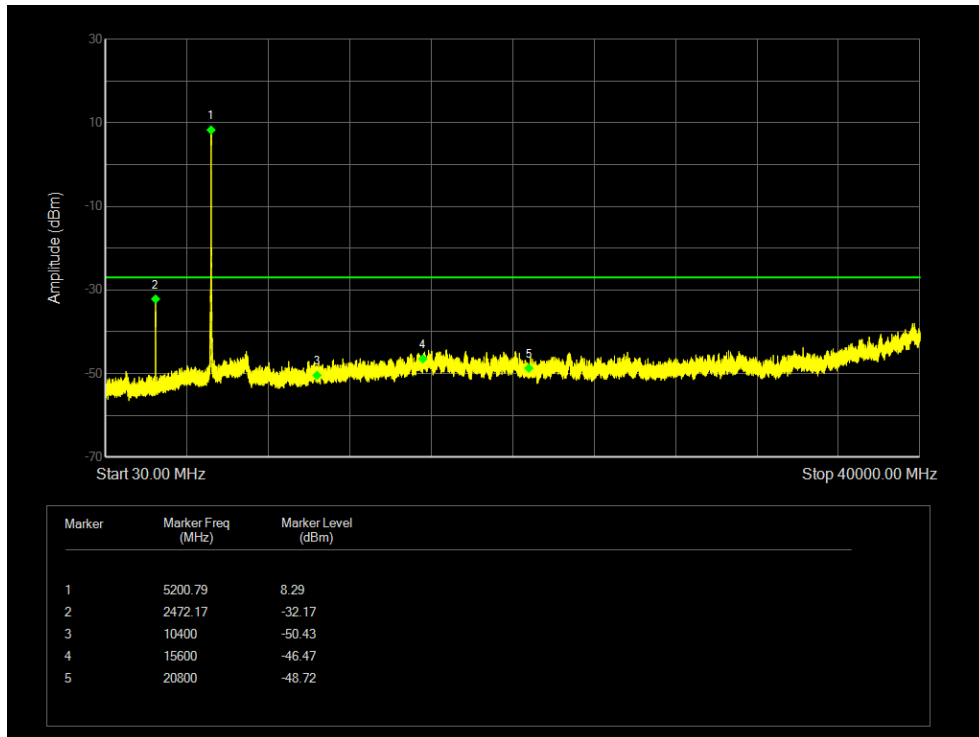
### Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5180	Ant 1	-32.45	-27	Pass
NVNT	802.11a	5200	Ant 1	-32.17	-27	Pass
NVNT	802.11a	5240	Ant 1	-34.91	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-31.44	-27	Pass
NVNT	802.11ac20	5200	Ant 1	-31.02	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-31.53	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-28.6	-27	Pass
NVNT	802.11ac40	5230	Ant 1	-36.52	-27	Pass
NVNT	802.11ac80	5210	Ant 1	-35.94	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-28.95	-27	Pass
NVNT	802.11n(HT20)	5200	Ant 1	-35.6	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-37.01	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-38.2	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-27.89	-27	Pass

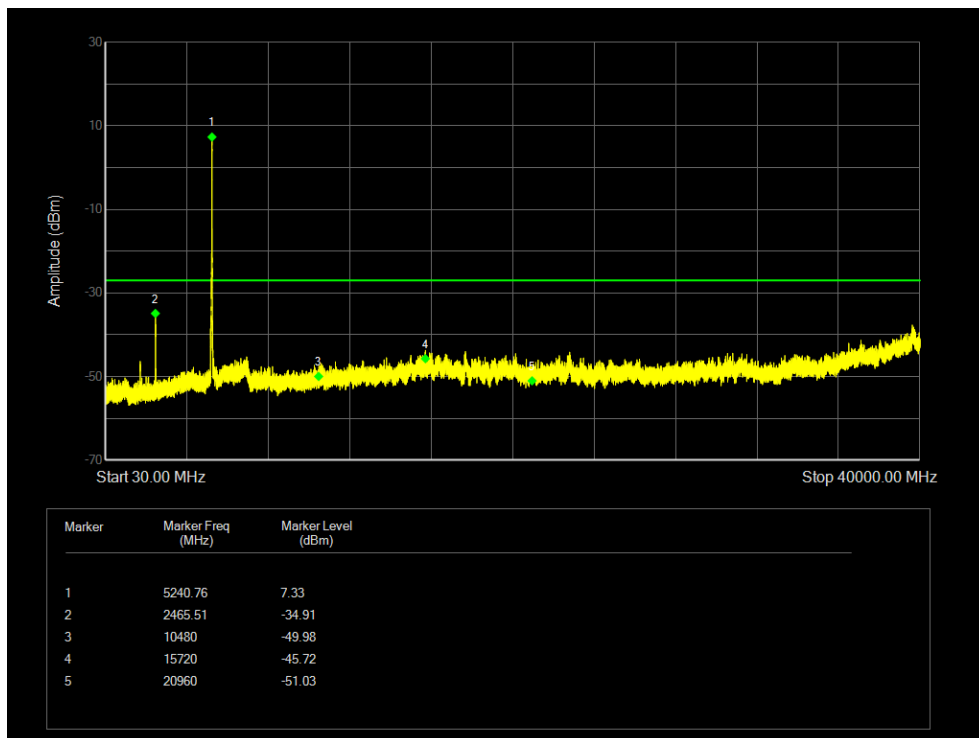
Tx. Spurious NVNT 802.11a 5180MHz Ant1 Emission



Tx. Spurious NVNT 802.11a 5200MHz Ant1 Emission

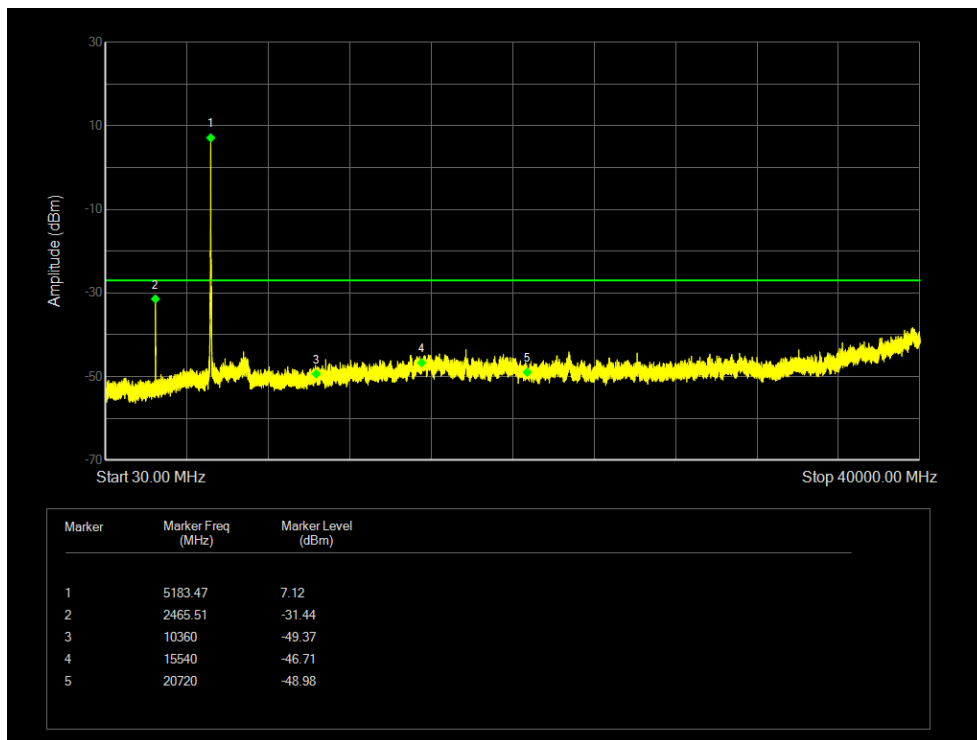


Tx. Spurious NVNT 802.11a 5240MHz Ant1 Emission

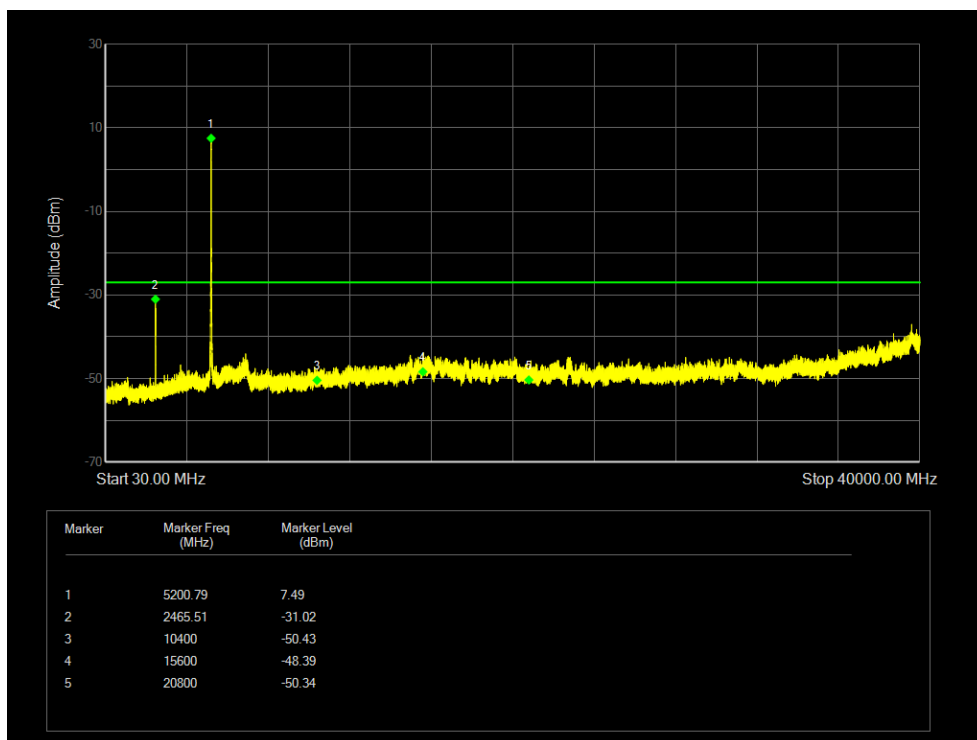




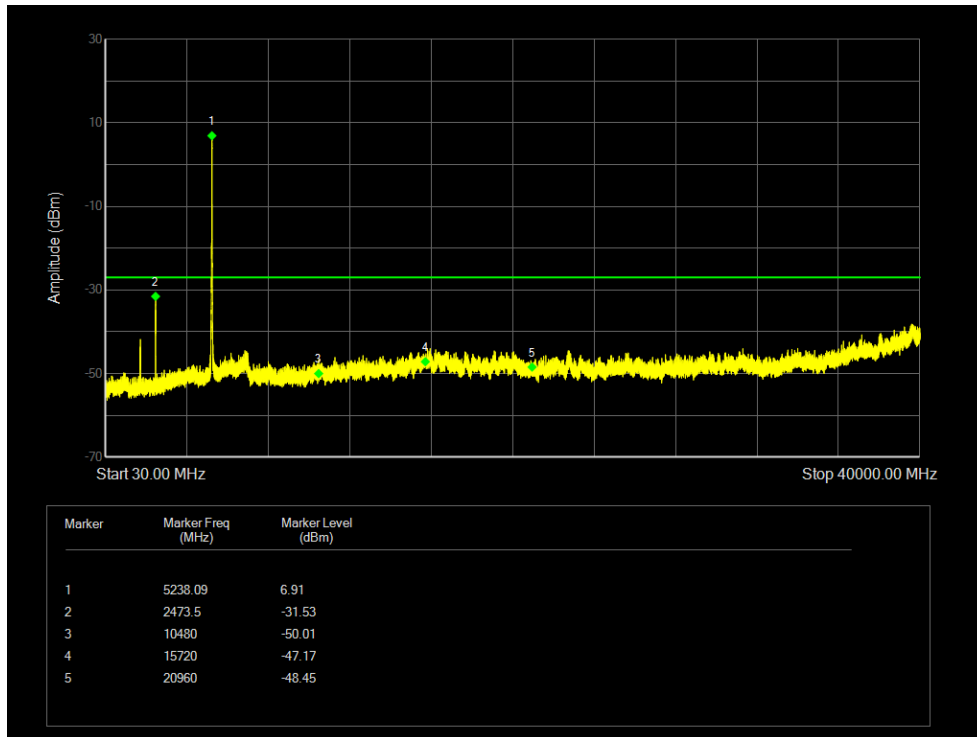
Tx. Spurious NVNT 802.11ac20 5180MHz Ant1 Emission



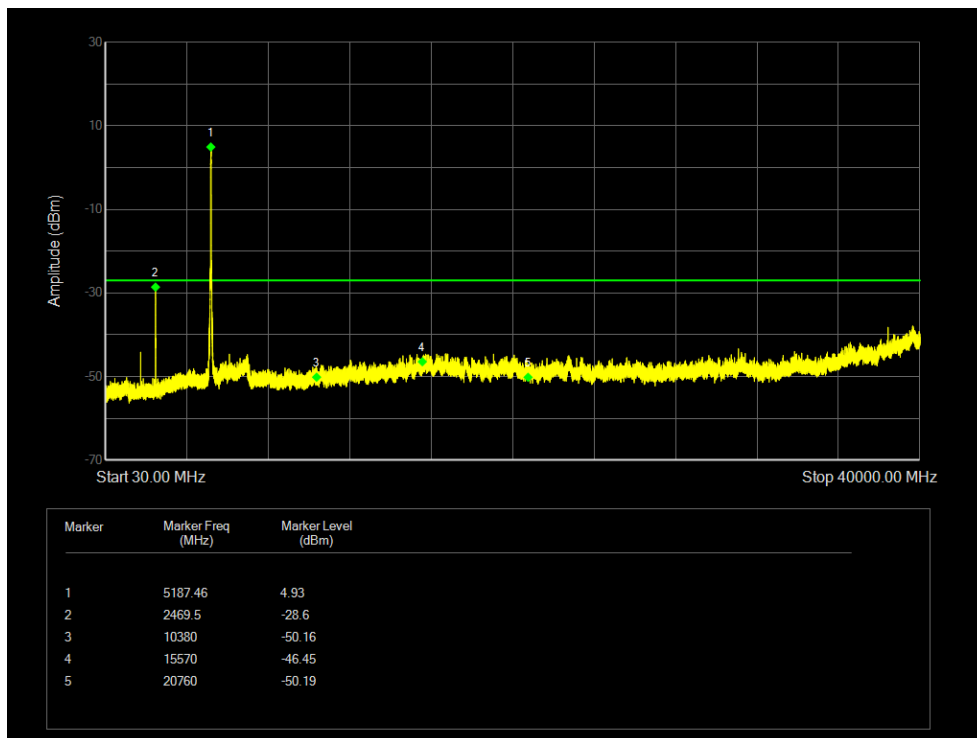
Tx. Spurious NVNT 802.11ac20 5200MHz Ant1 Emission



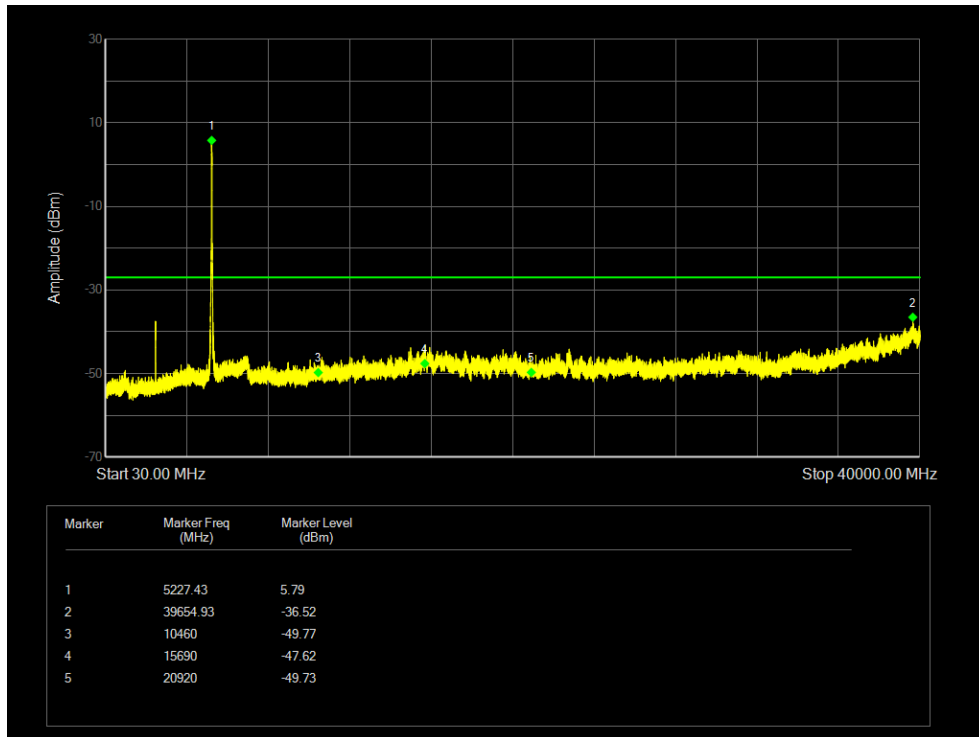
Tx. Spurious NVNT 802.11ac20 5240MHz Ant1 Emission



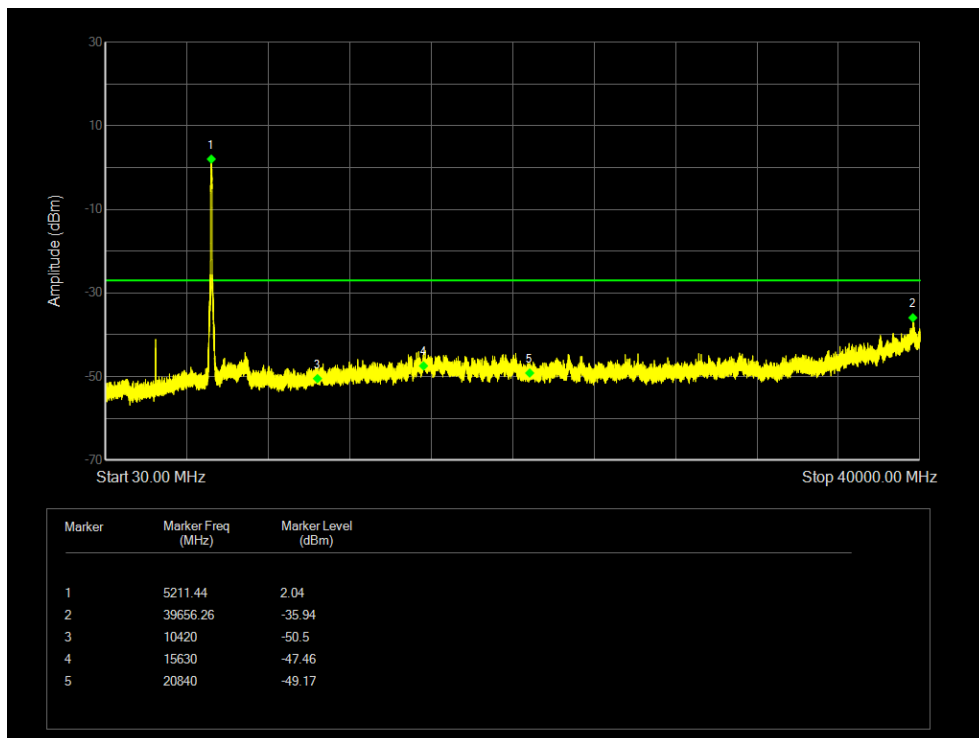
Tx. Spurious NVNT 802.11ac40 5190MHz Ant1 Emission



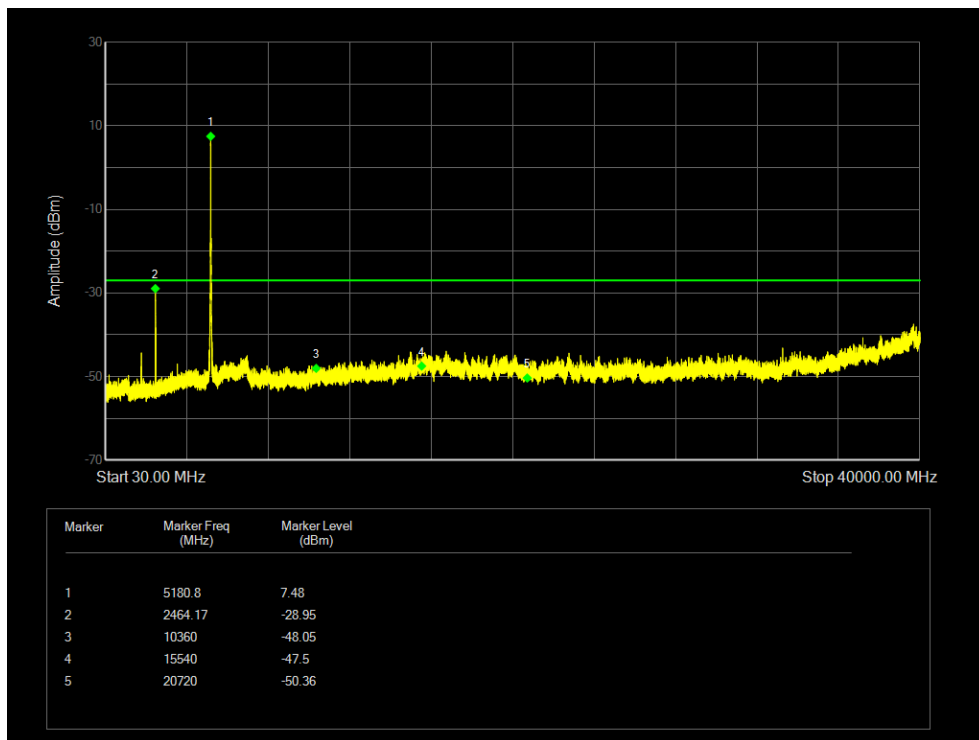
Tx. Spurious NVNT 802.11ac40 5230MHz Ant1 Emission



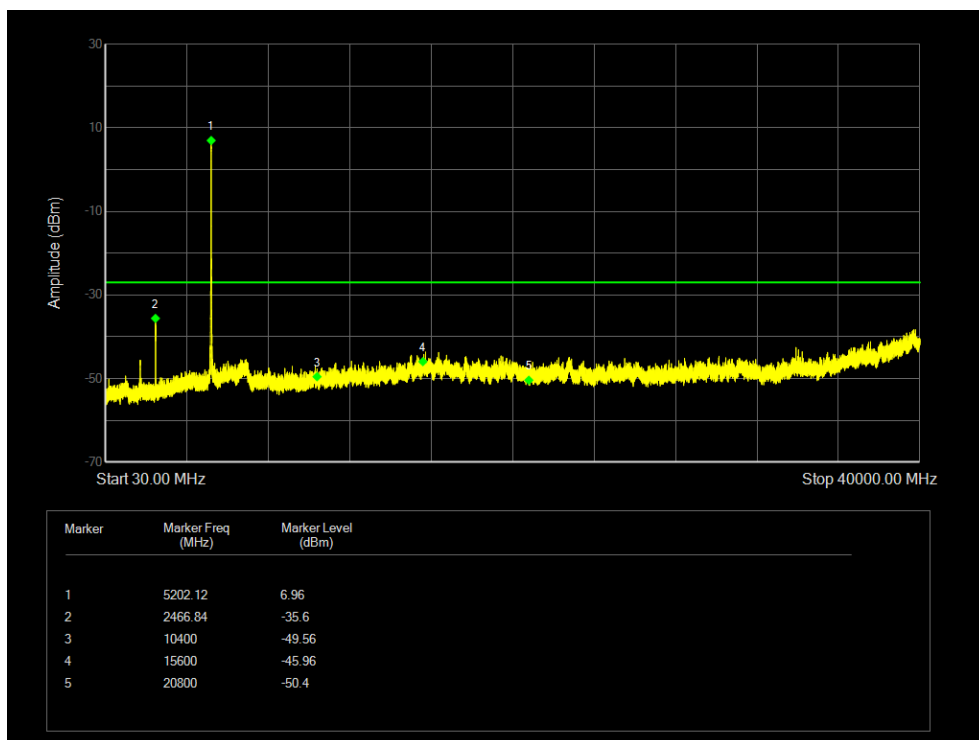
Tx. Spurious NVNT 802.11ac80 5210MHz Ant1 Emission



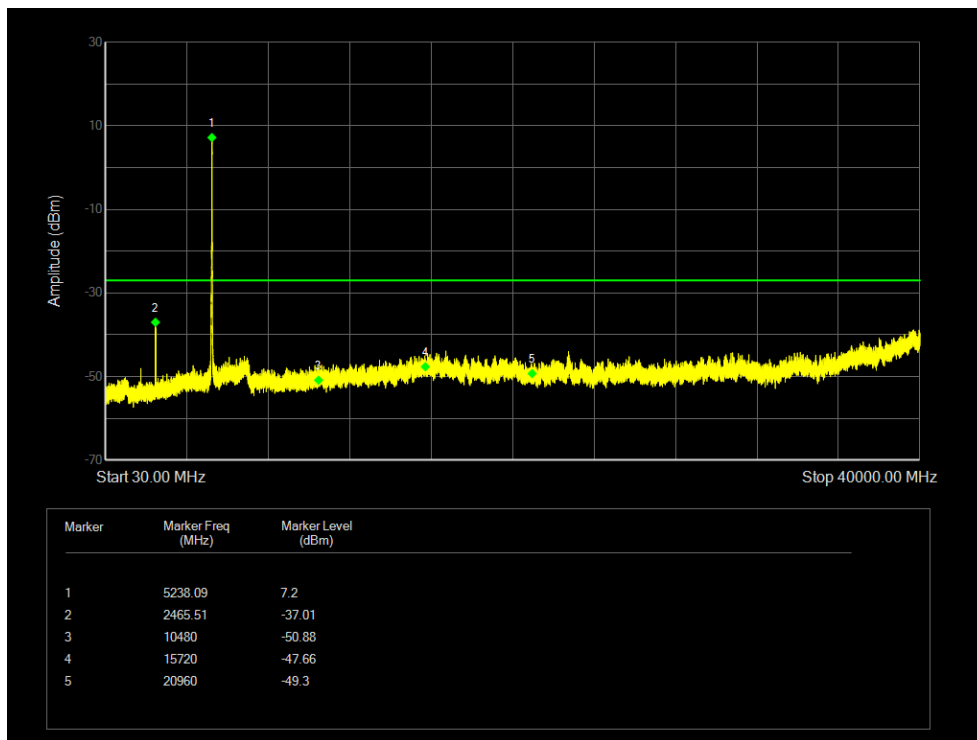
Tx. Spurious NVNT 802.11n(HT20) 5180MHz Ant1 Emission



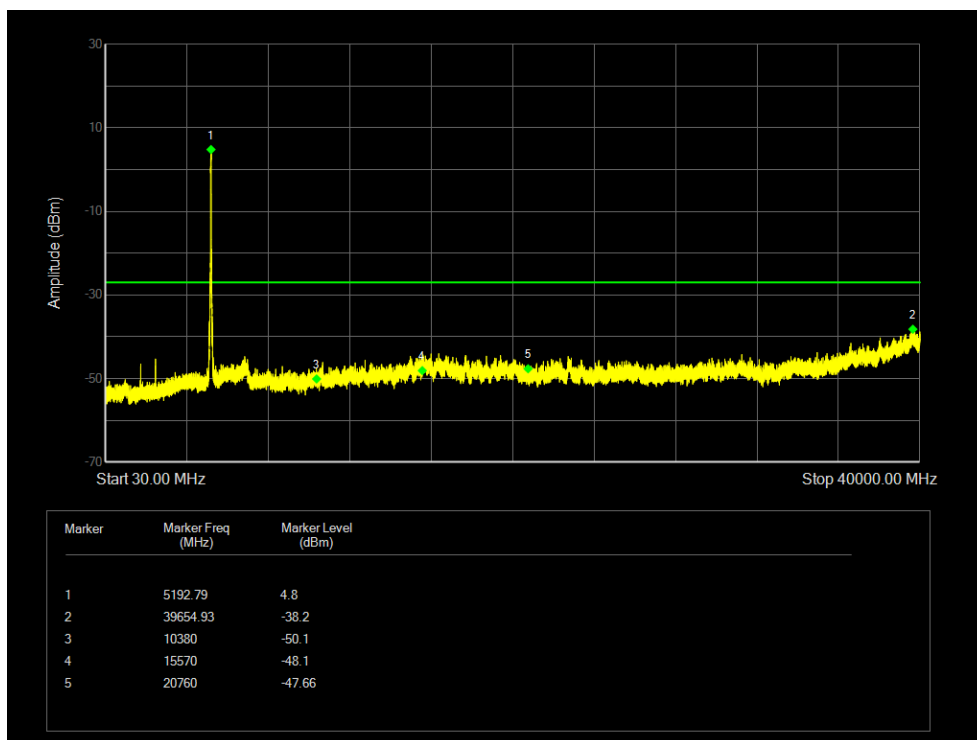
Tx. Spurious NVNT 802.11n(HT20) 5200MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT20) 5240MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5190MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5230MHz Ant1 Emission

