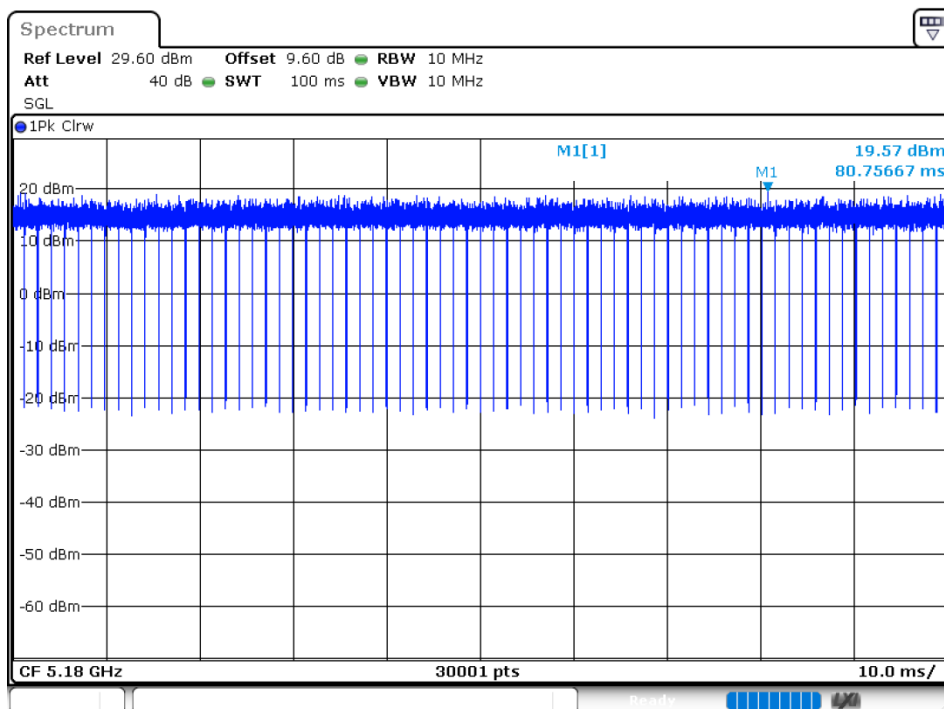


5.2G:

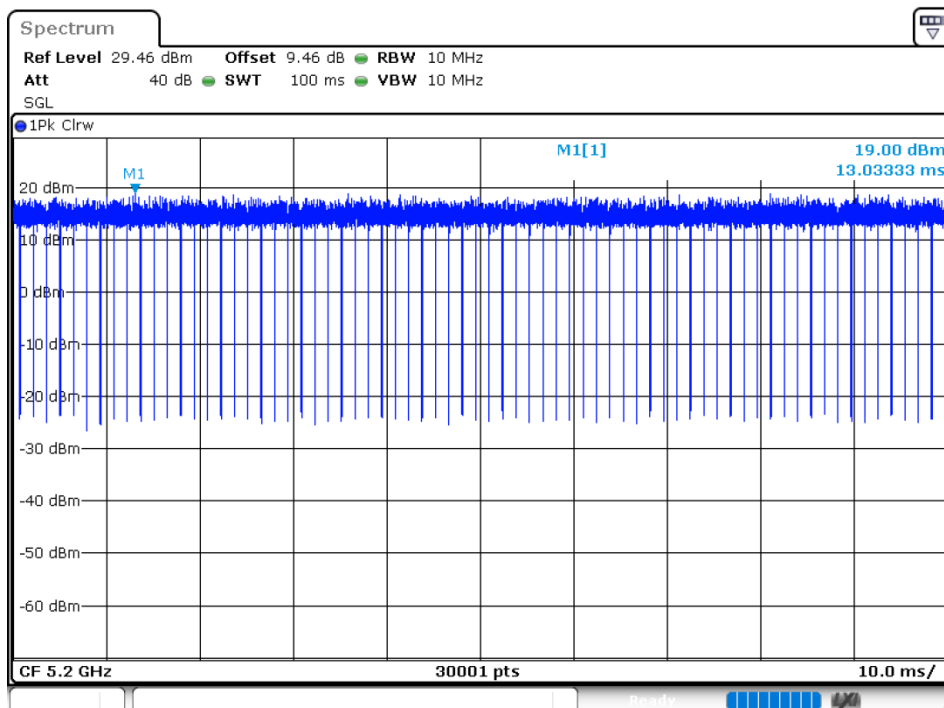
Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11a	5180	97.15	0.13
NVNT	802.11a	5200	97.12	0.13
NVNT	802.11a	5240	97.16	0.13
NVNT	802.11ac20	5180	96.94	0.13
NVNT	802.11ac20	5200	96.94	0.13
NVNT	802.11ac20	5240	96.99	0.13
NVNT	802.11ac40	5190	94.17	0.26
NVNT	802.11ac40	5230	94.26	0.26
NVNT	802.11ac80	5210	90.7	0.42
NVNT	802.11n(HT20)	5180	96.92	0.14
NVNT	802.11n(HT20)	5200	96.96	0.13
NVNT	802.11n(HT20)	5240	96.95	0.13
NVNT	802.11n(HT40)	5190	94.12	0.26
NVNT	802.11n(HT40)	5230	94.09	0.26

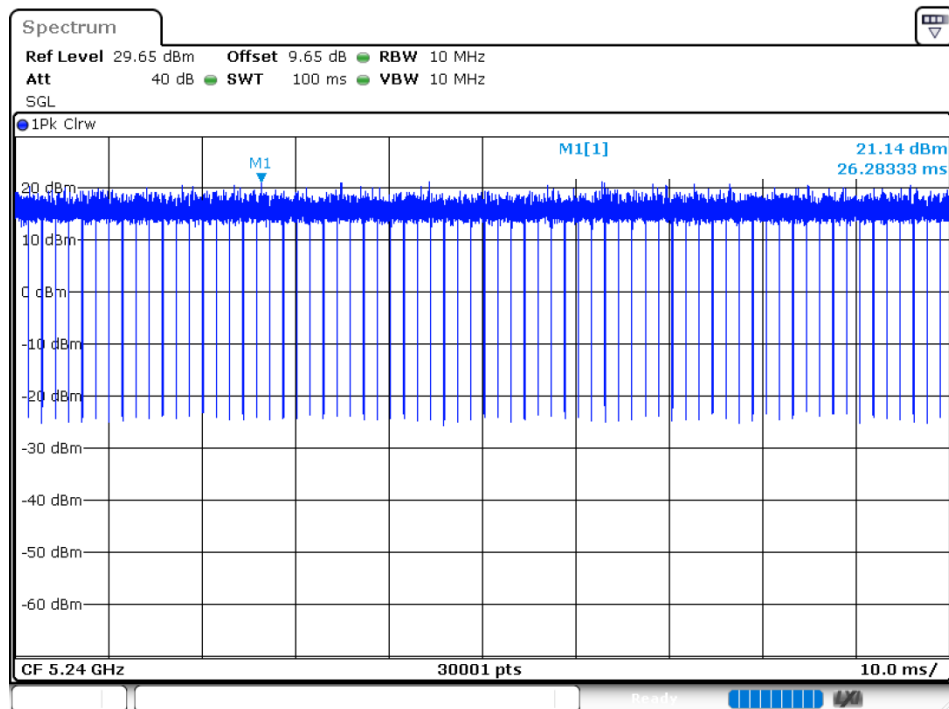
Duty Cycle NVNT 802.11a 5180MHz



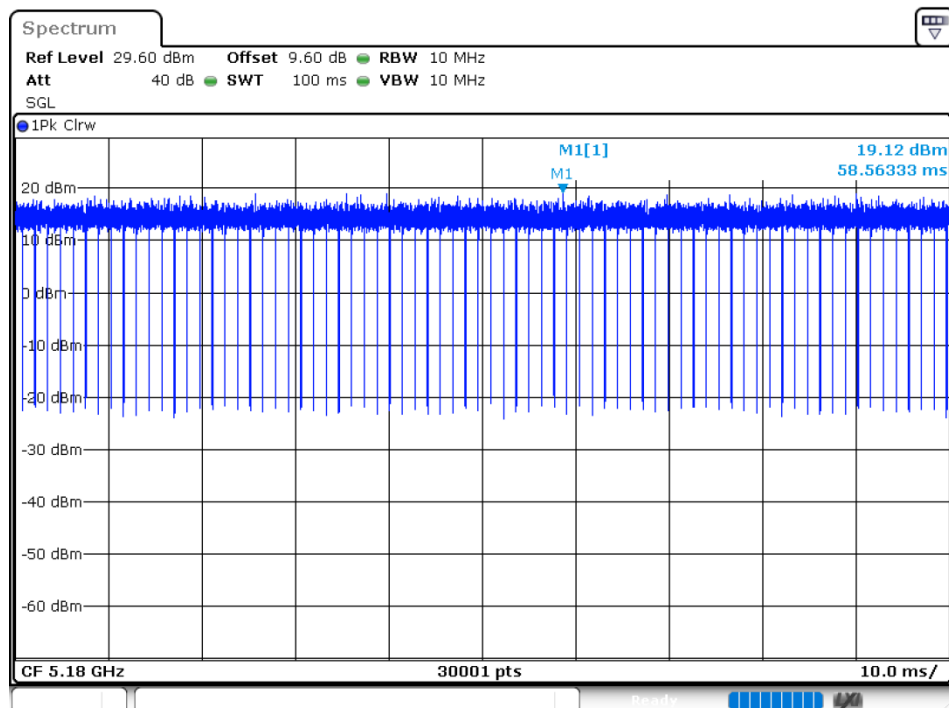
Duty Cycle NVNT 802.11a 5200MHz



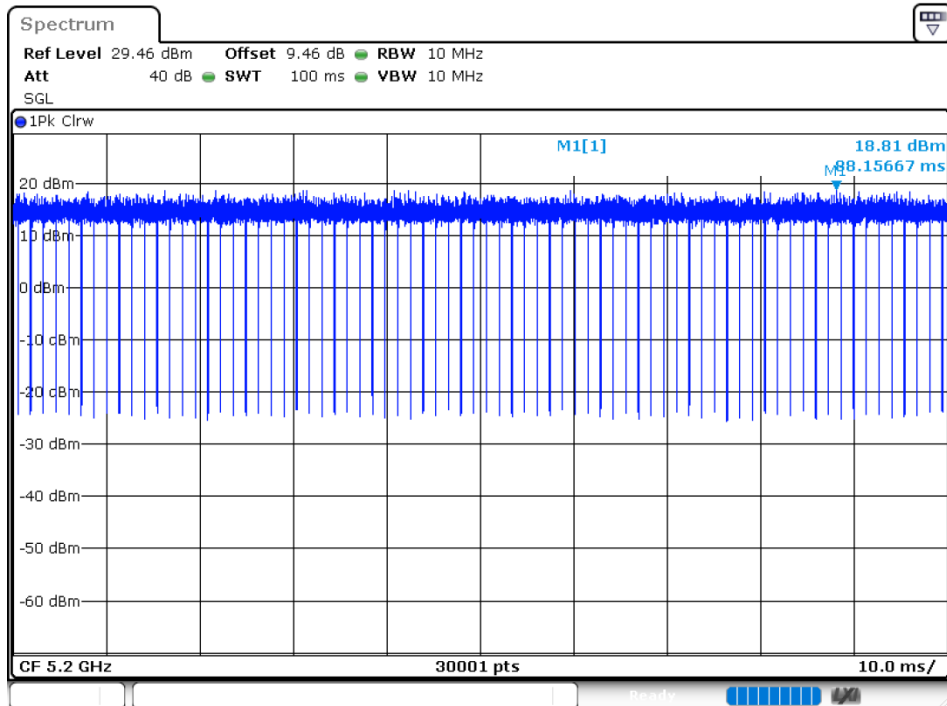
Duty Cycle NVNT 802.11a 5240MHz



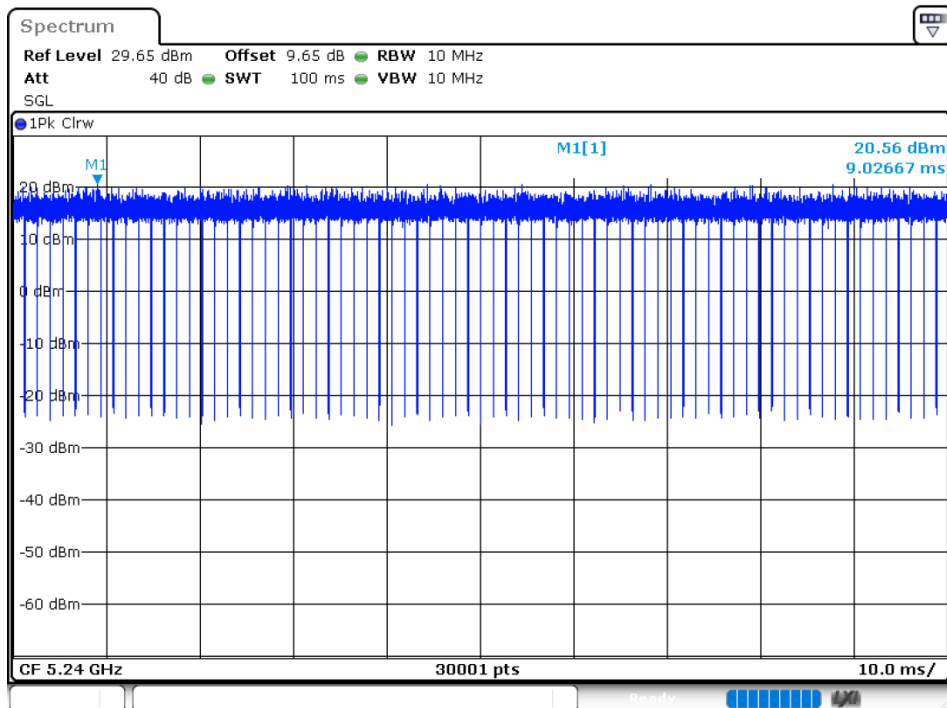
Duty Cycle NVNT 802.11ac20 5180MHz



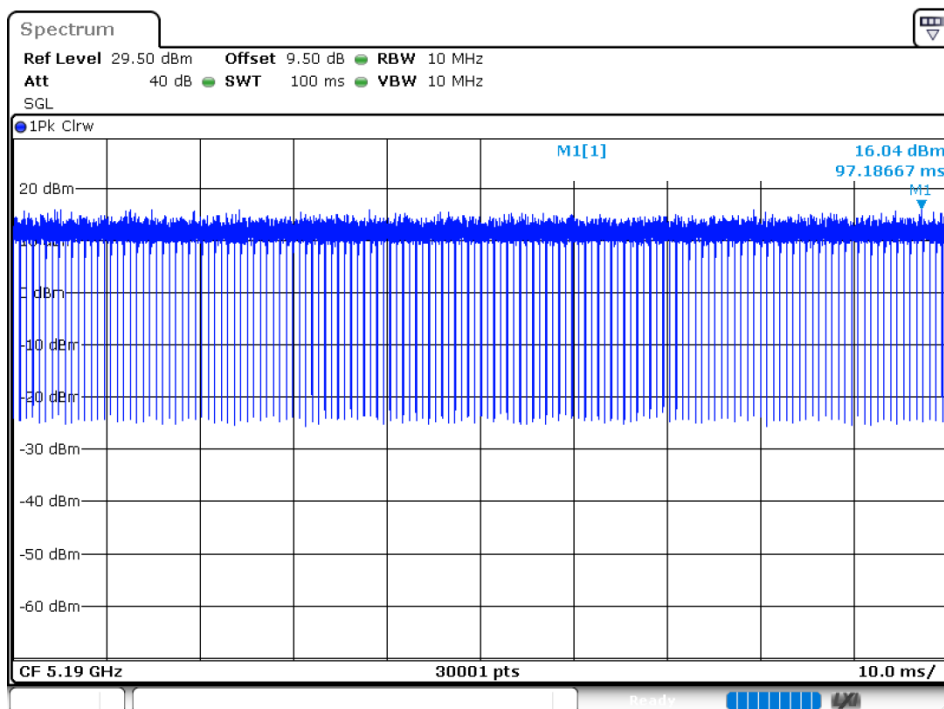
Duty Cycle NVNT 802.11ac20 5200MHz



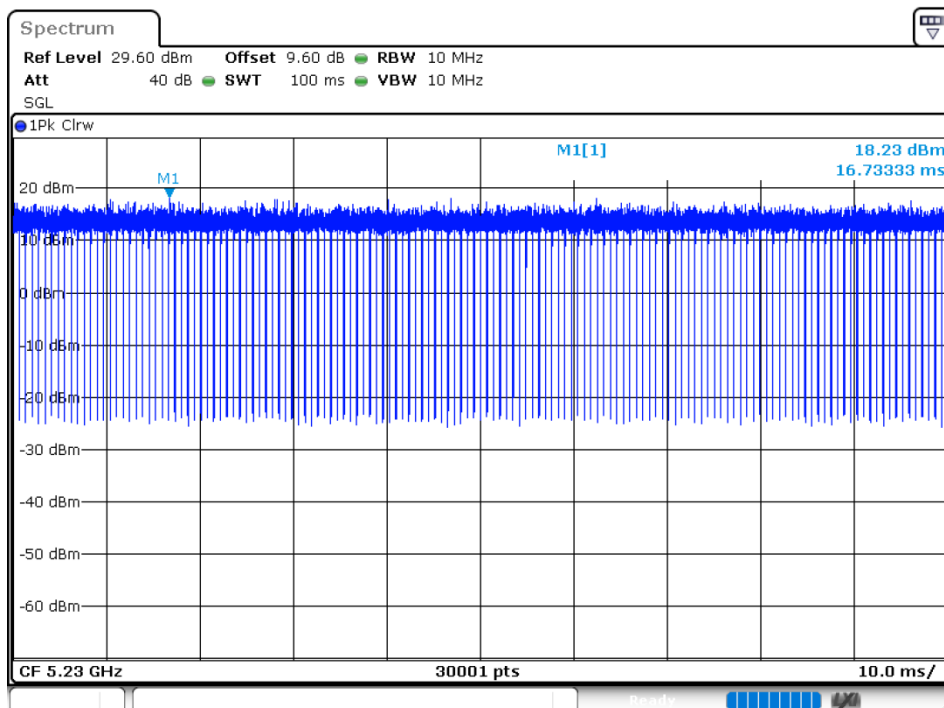
Duty Cycle NVNT 802.11ac20 5240MHz



Duty Cycle NVNT 802.11ac40 5190MHz



Duty Cycle NVNT 802.11ac40 5230MHz



Spectrum

Ref Level 29.50 dBm Offset 9.50 dB RBW 10 MHz
 Att 40 dB SWT 100 ms VBW 10 MHz
 SGL

● IPk Clrw

M1[1] 14.38 dBm 95.93000 ms

M1

CF 5.21 GHz 10001 pts 10.0 ms/

Spectrum

Ref Level 29.60 dBm Offset 9.60 dB RBW 10 MHz

Att 40 dB SWT 100 ms VBW 10 MHz

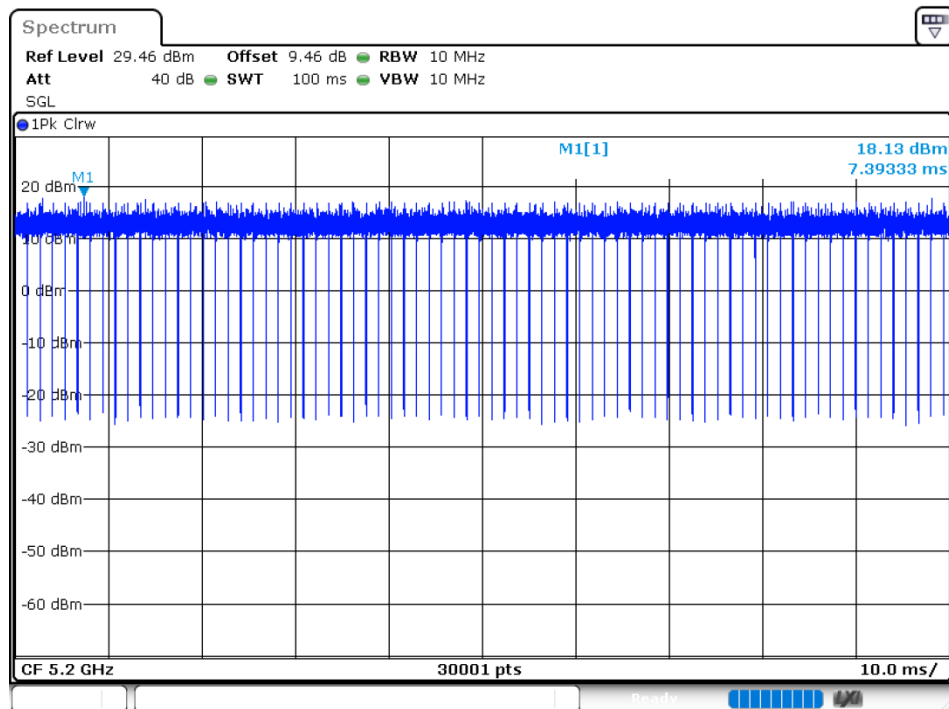
SGL

1Pk Clrw

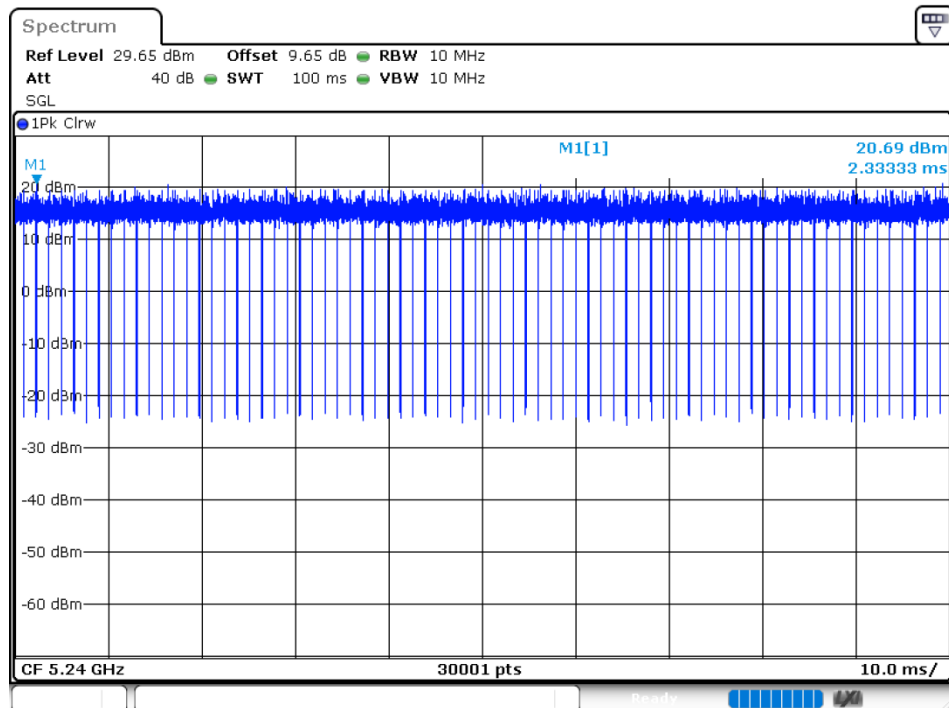
M1[1] 18.81 dBm 98.18667 ms

CF 5.18 GHz 30001 pts 10.0 ms/

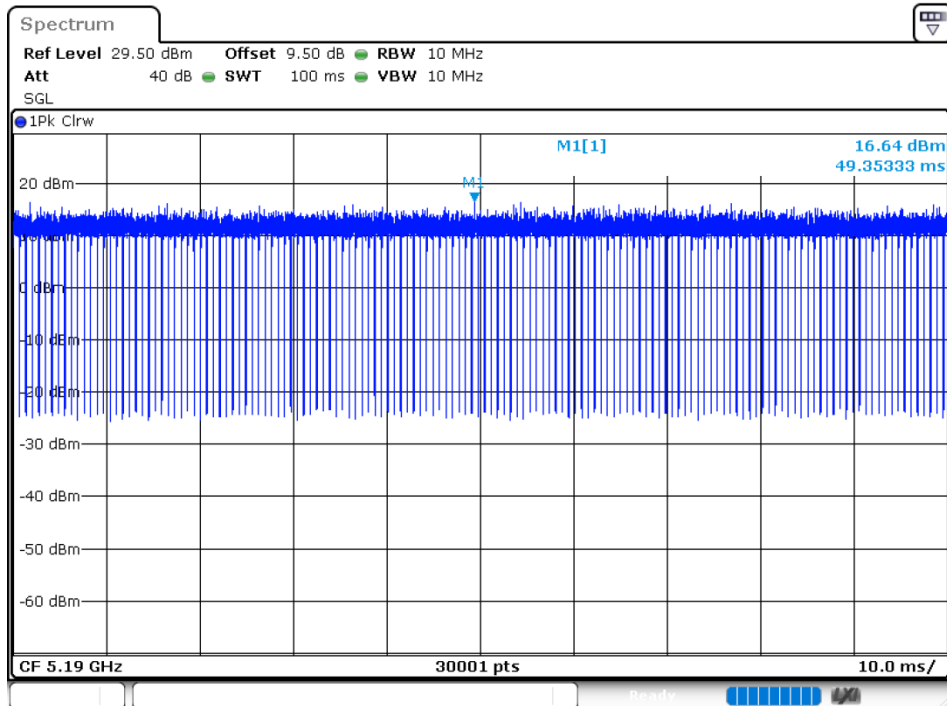
Duty Cycle NVNT 802.11n(HT20) 5200MHz



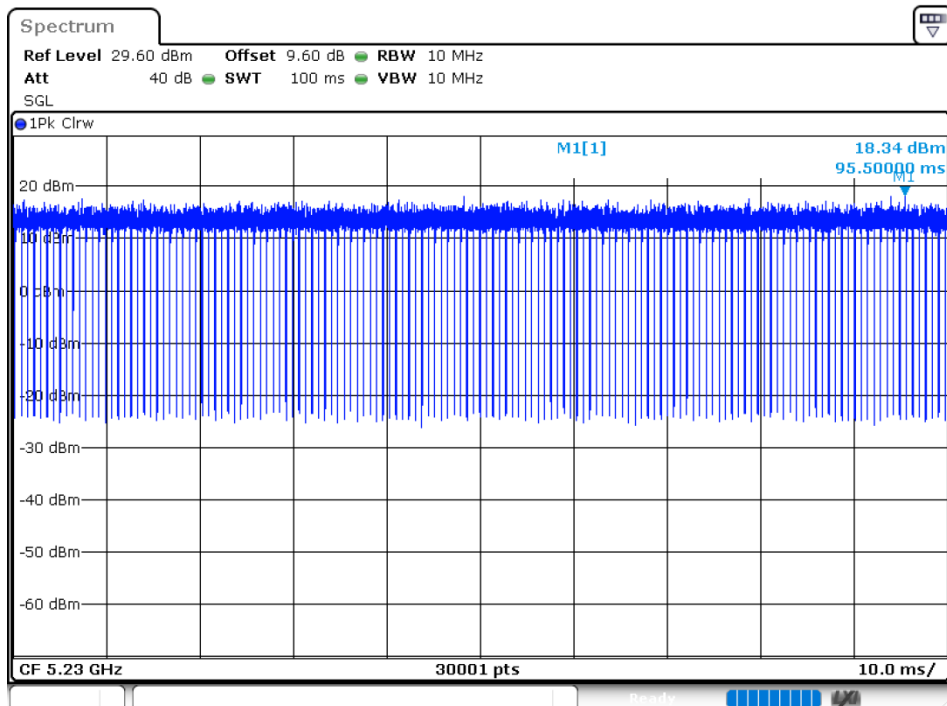
Duty Cycle NVNT 802.11n(HT20) 5240MHz



Duty Cycle NVNT 802.11n(HT40) 5190MHz



Duty Cycle NVNT 802.11n(HT40) 5230MHz



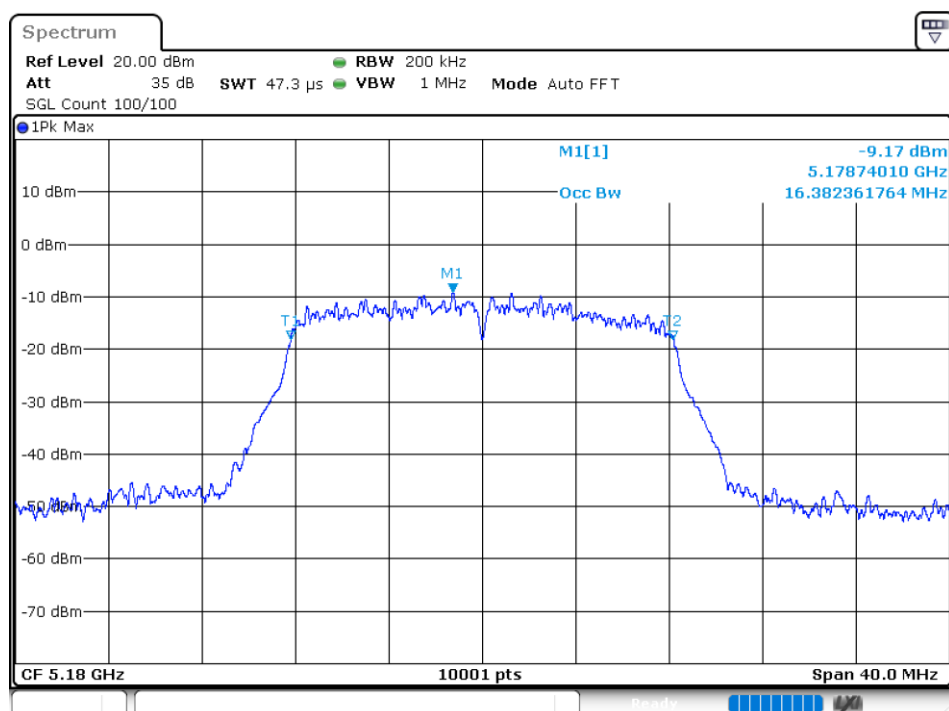
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	9.32	0.13	9.45	24	Pass
NVNT	802.11a	5200	Ant 1	8.89	0.13	9.02	24	Pass
NVNT	802.11a	5240	Ant 1	9.85	0.13	9.98	24	Pass
NVNT	802.11ac20	5180	Ant 1	8.98	0.13	9.11	24	Pass
NVNT	802.11ac20	5200	Ant 1	8.89	0.13	9.02	24	Pass
NVNT	802.11ac20	5240	Ant 1	9.8	0.13	9.93	24	Pass
NVNT	802.11ac40	5190	Ant 1	8.44	0.26	8.7	24	Pass
NVNT	802.11ac40	5230	Ant 1	8.96	0.26	9.22	24	Pass
NVNT	802.11ac80	5210	Ant 1	8.71	0.42	9.13	24	Pass
NVNT	802.11n(HT20)	5180	Ant 1	8.61	0.14	8.75	24	Pass
NVNT	802.11n(HT20)	5200	Ant 1	8.95	0.13	9.08	24	Pass
NVNT	802.11n(HT20)	5240	Ant 1	9.55	0.13	9.68	24	Pass
NVNT	802.11n(HT40)	5190	Ant 1	8.4	0.26	8.66	24	Pass
NVNT	802.11n(HT40)	5230	Ant 1	9.05	0.26	9.31	24	Pass

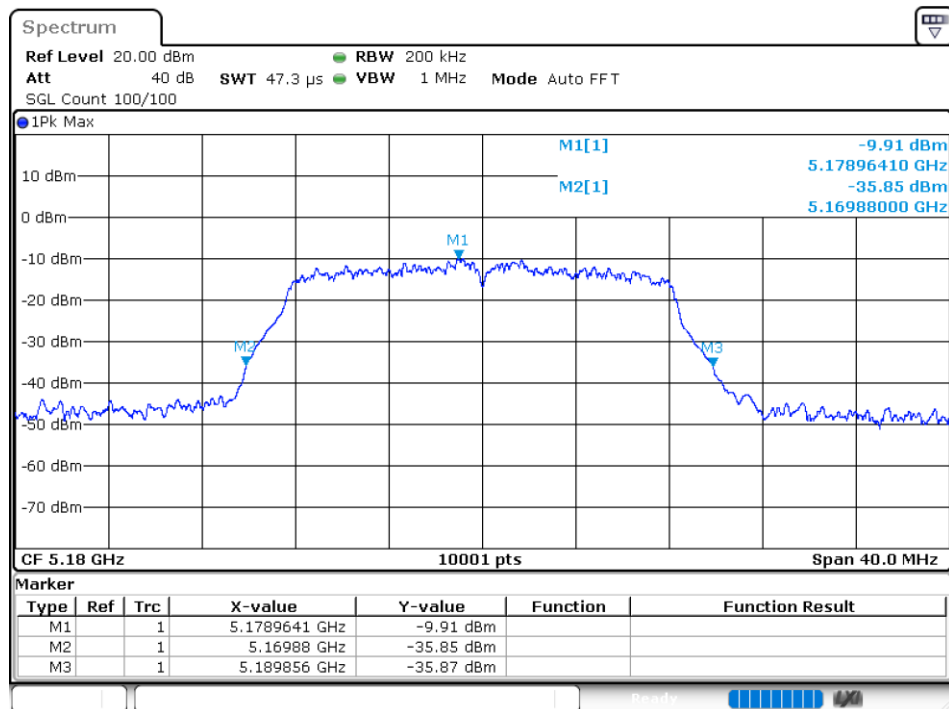
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5180	Ant 1	16.3824	19.976	Pass
NVNT	802.11a	5200	Ant 1	16.4624	19.496	Pass
NVNT	802.11a	5240	Ant 1	16.5023	18.94	Pass
NVNT	802.11ac20	5180	Ant 1	17.5622	20.304	Pass
NVNT	802.11ac20	5200	Ant 1	17.6222	20.216	Pass
NVNT	802.11ac20	5240	Ant 1	17.4943	19.924	Pass
NVNT	802.11ac40	5190	Ant 1	36.0604	40.576	Pass
NVNT	802.11ac40	5230	Ant 1	36.0684	40.88	Pass
NVNT	802.11ac80	5210	Ant 1	75.6564	112.288	Pass
NVNT	802.11n(HT20)	5180	Ant 1	17.6382	20.24	Pass
NVNT	802.11n(HT20)	5200	Ant 1	17.6022	20.348	Pass
NVNT	802.11n(HT20)	5240	Ant 1	17.5422	19.924	Pass
NVNT	802.11n(HT40)	5190	Ant 1	36.1644	40.736	Pass
NVNT	802.11n(HT40)	5230	Ant 1	36.1324	41.224	Pass

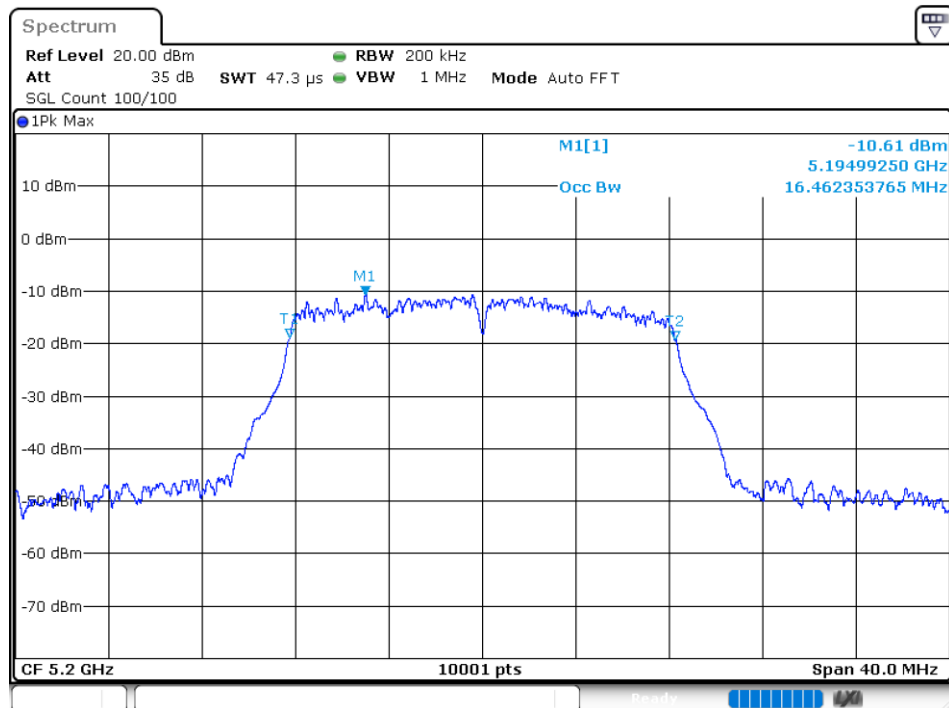
OBW NVNT 802.11a 5180MHz Ant1



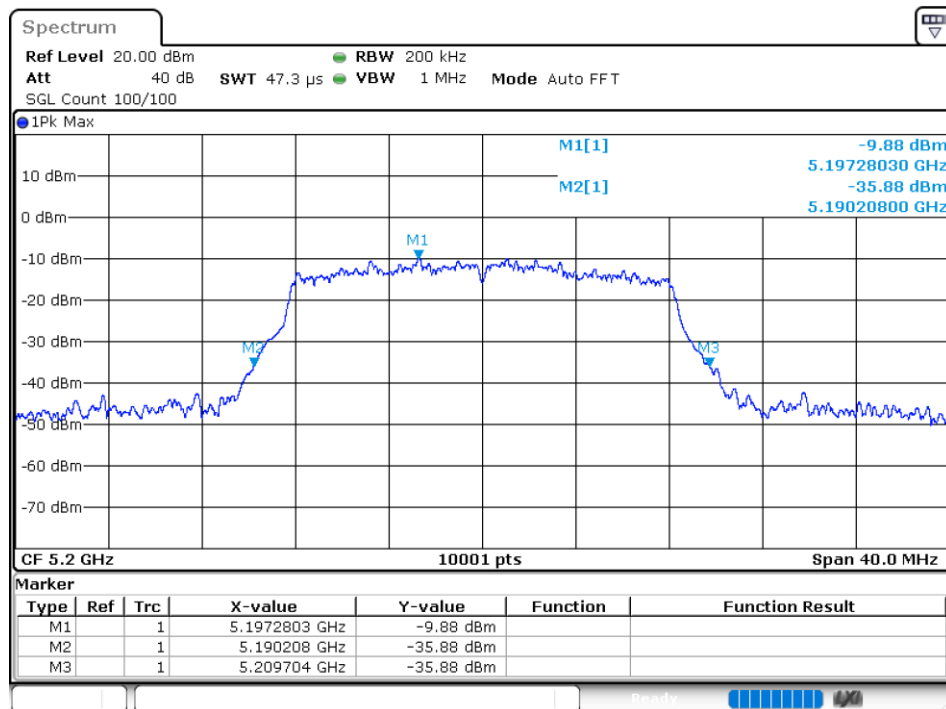
-26 dB BW NVNT 802.11a 5180MHz Ant1



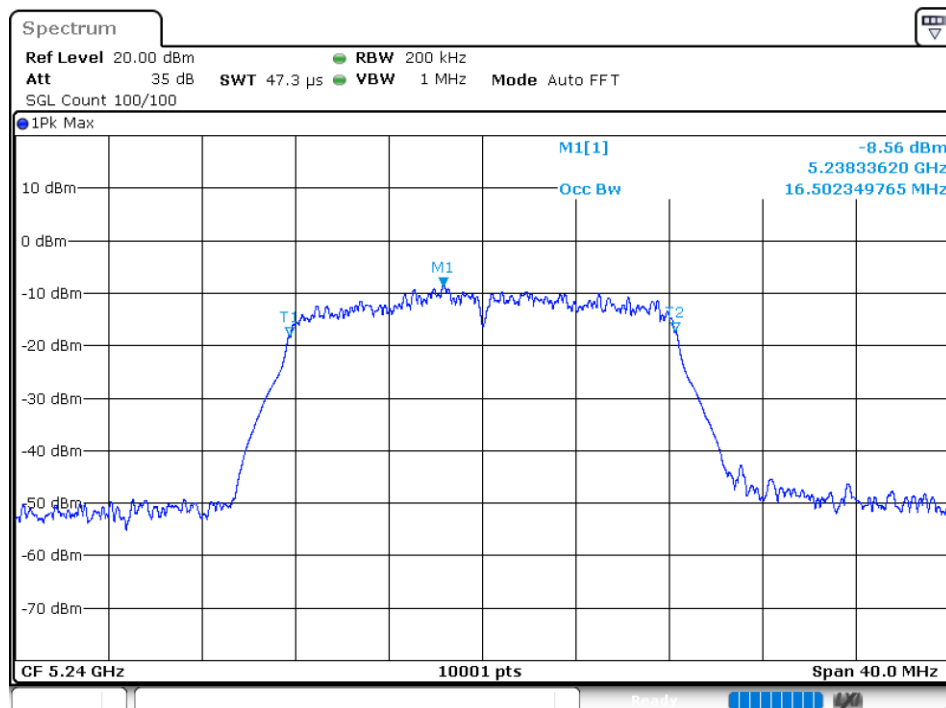
OBW NVNT 802.11a 5200MHz Ant1



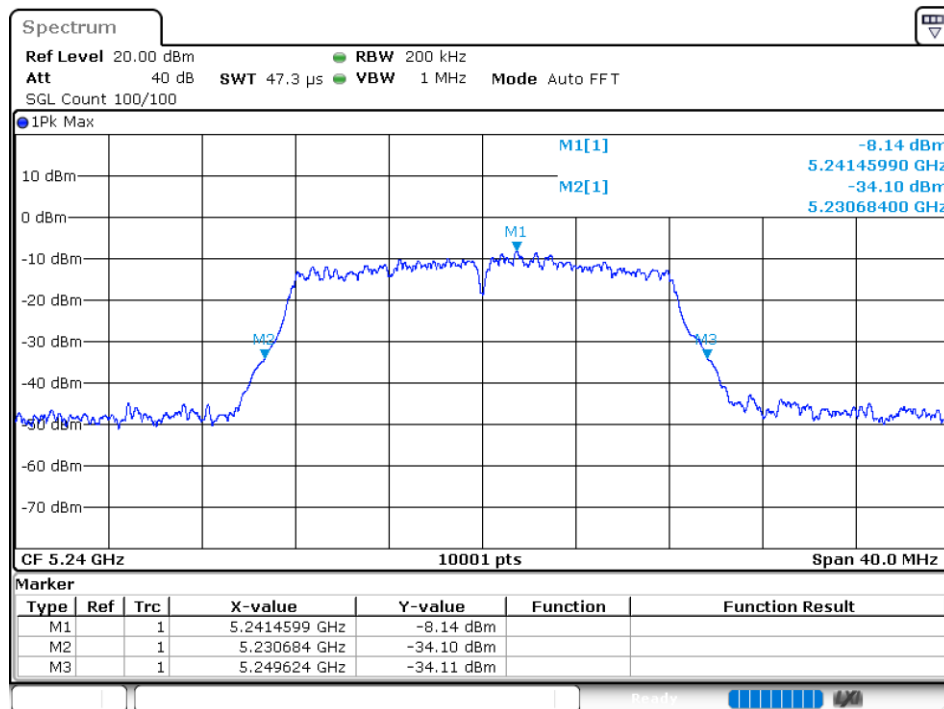
-26 dB BW NVNT 802.11a 5200MHz Ant1



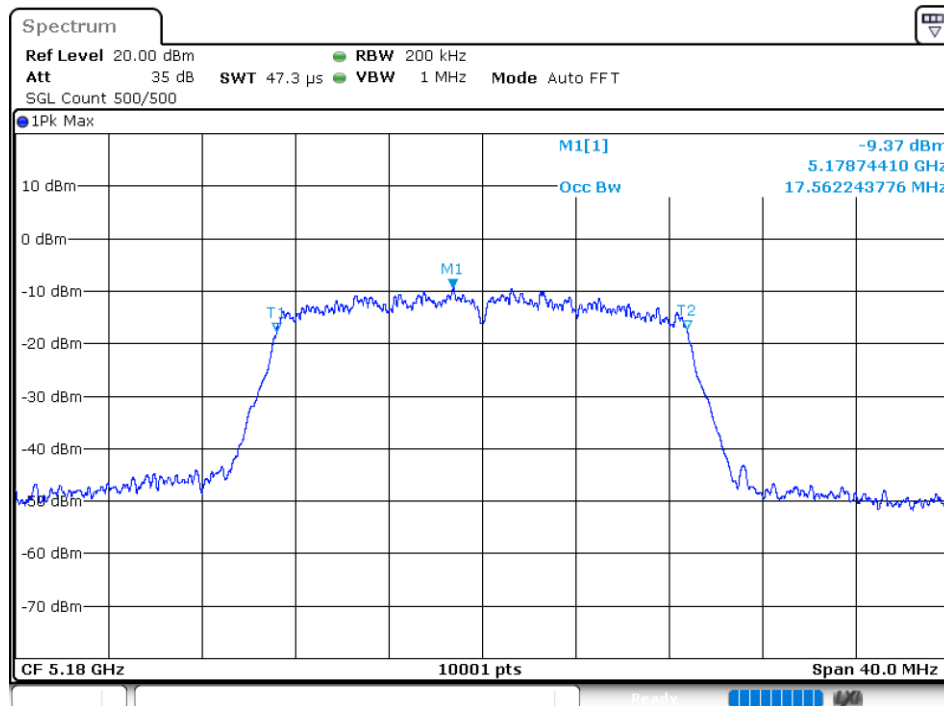
OBW NVNT 802.11a 5240MHz Ant1



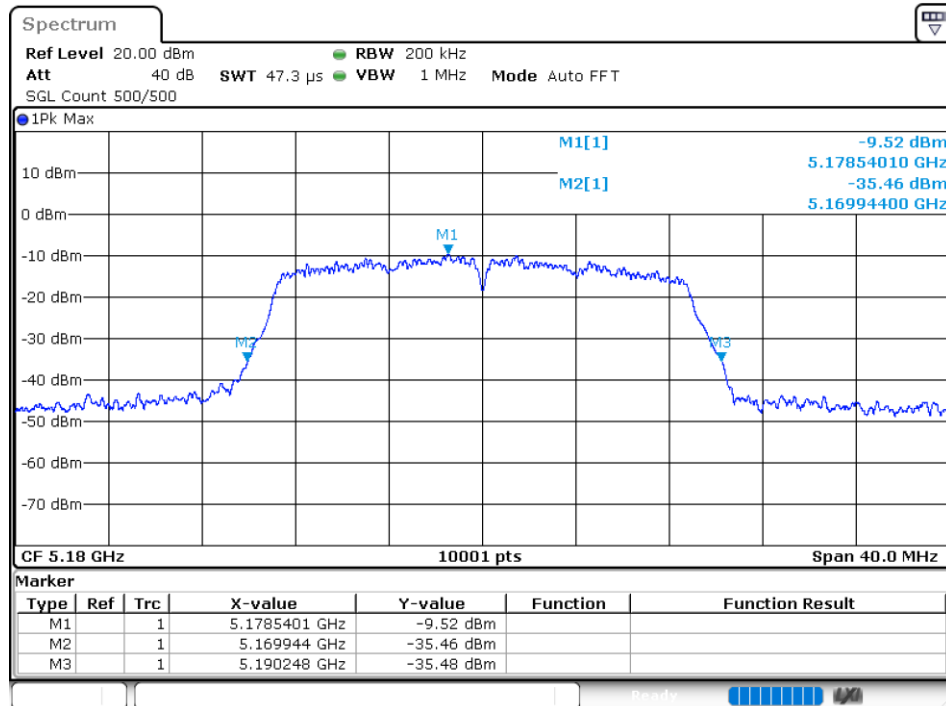
-26 dB BW NVNT 802.11a 5240MHz Ant1



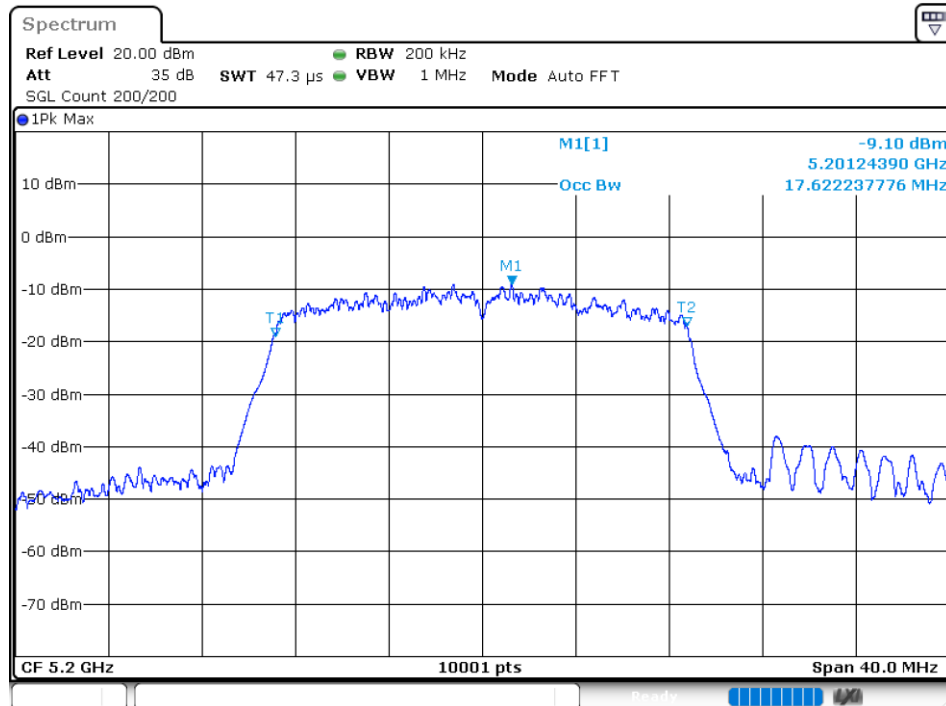
OBW NVNT 802.11ac20 5180MHz Ant1



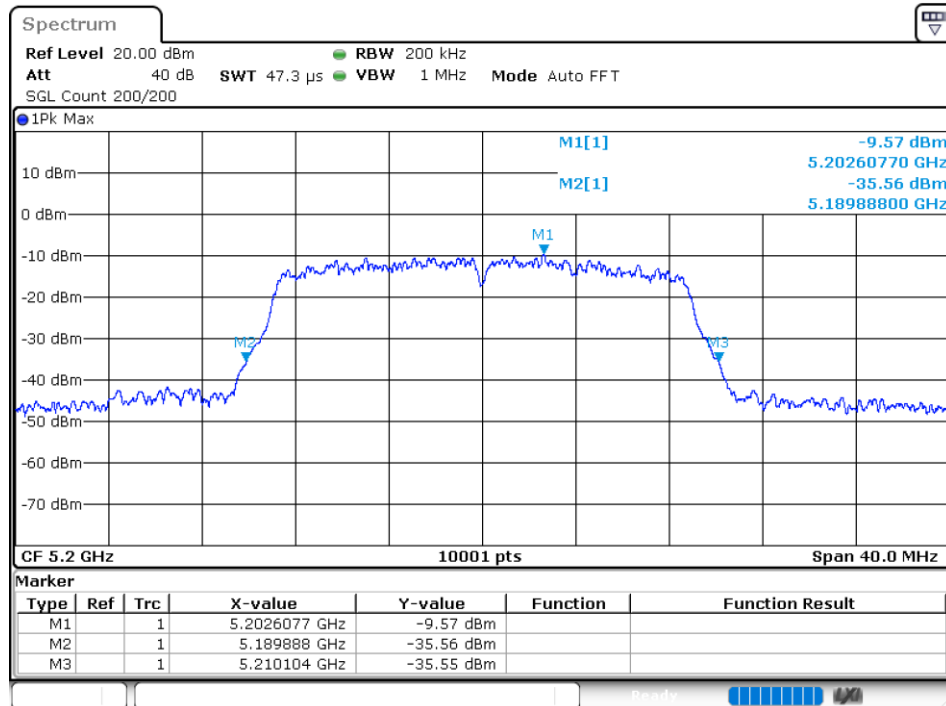
-26 dB BW NVNT 802.11ac20 5180MHz Ant1



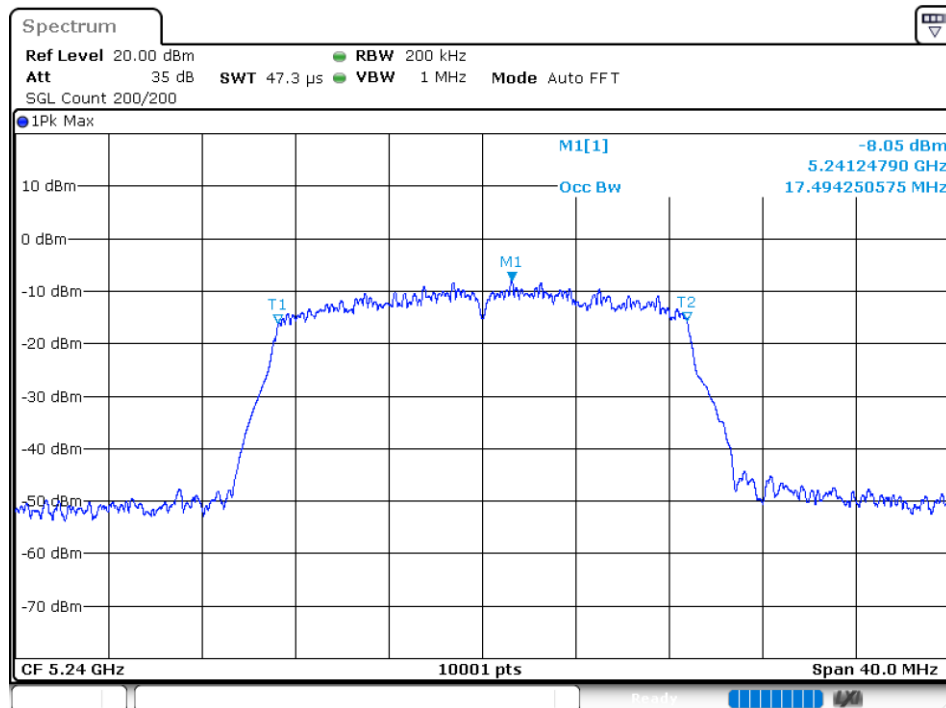
OBW NVNT 802.11ac20 5200MHz Ant1



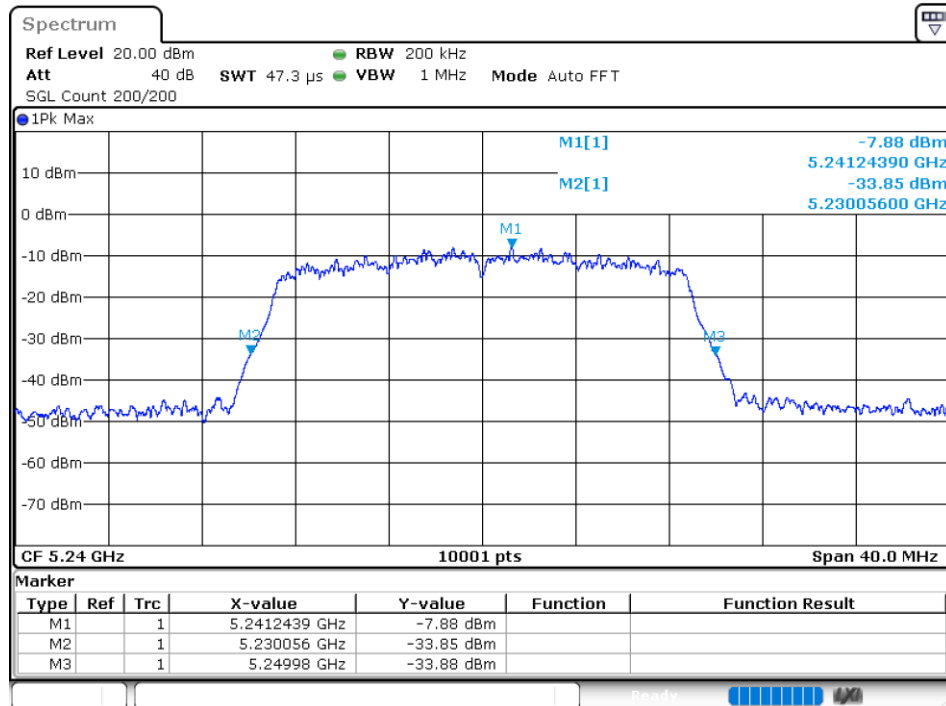
-26 dB BW NVNT 802.11ac20 5200MHz Ant1



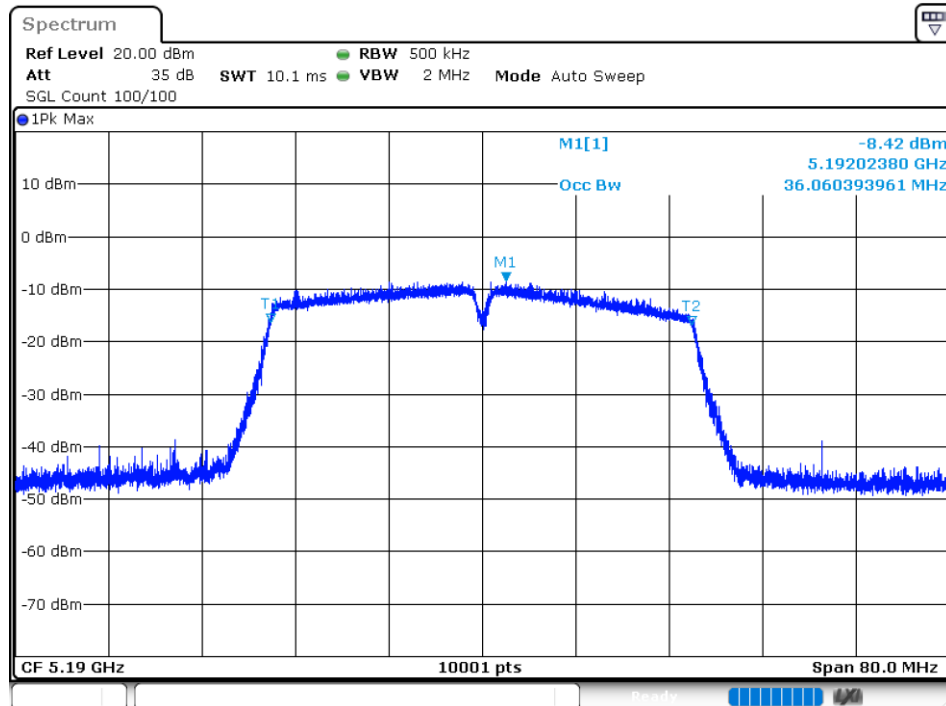
OBW NVNT 802.11ac20 5240MHz Ant1



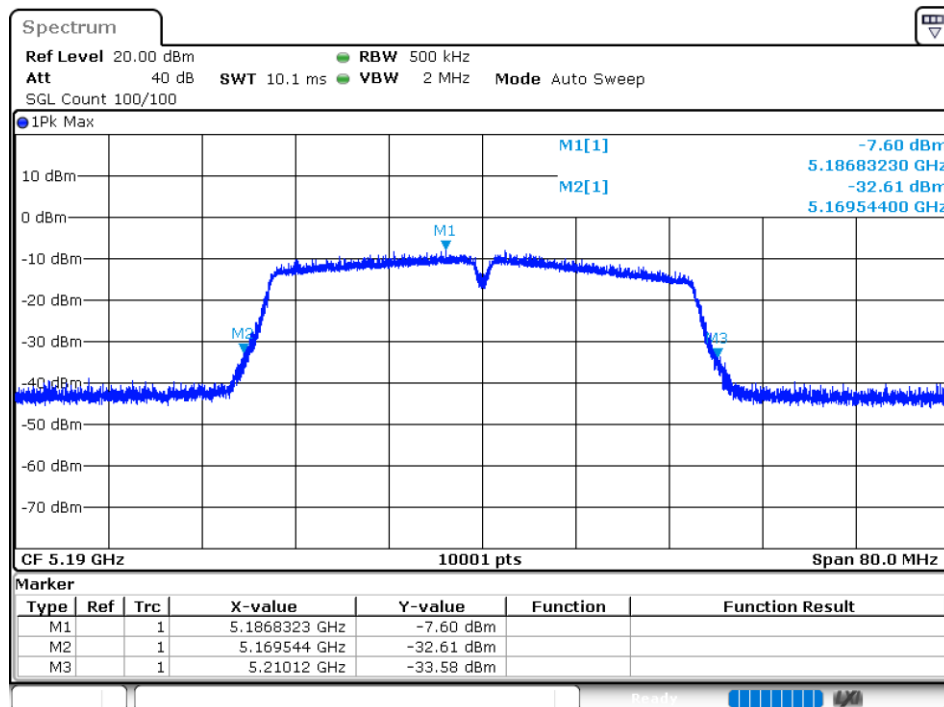
-26 dB BW NVNT 802.11ac20 5240MHz Ant1



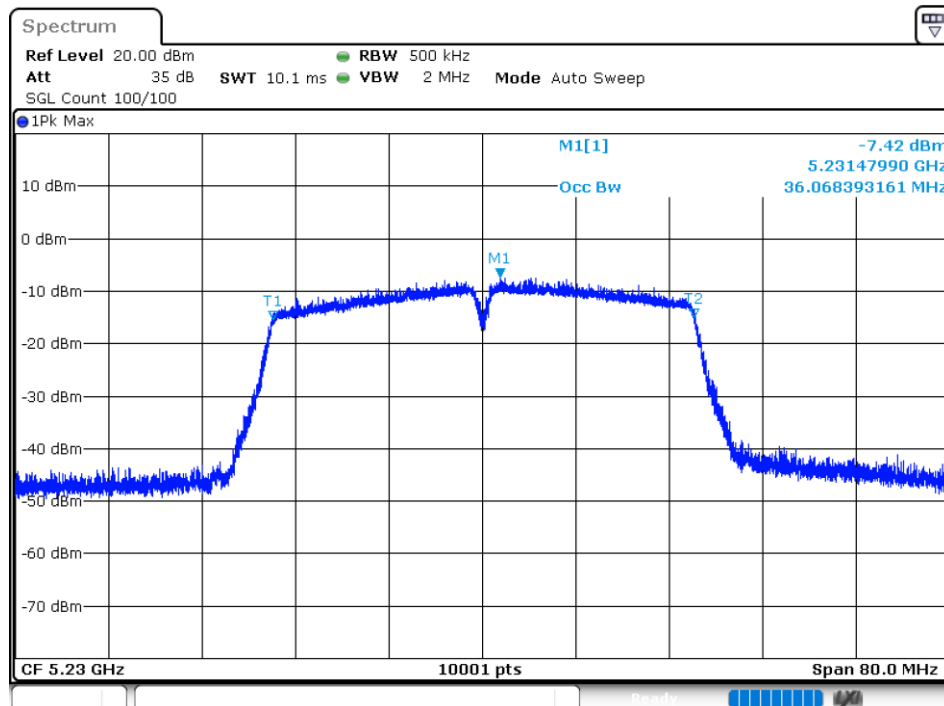
OBW NVNT 802.11ac40 5190MHz Ant1



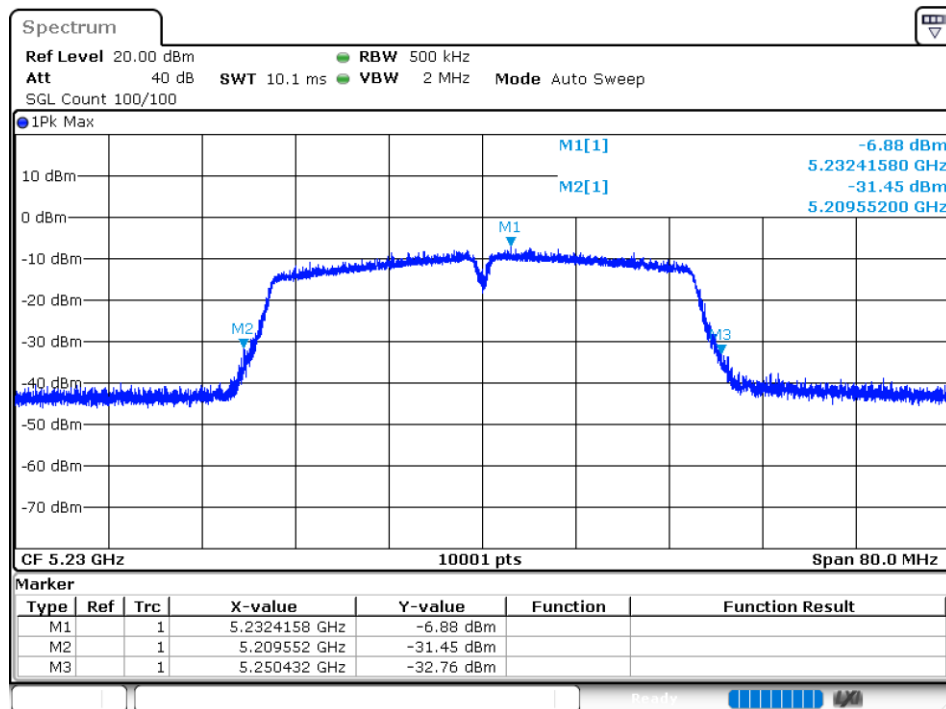
-26 dB BW NVNT 802.11ac40 5190MHz Ant1



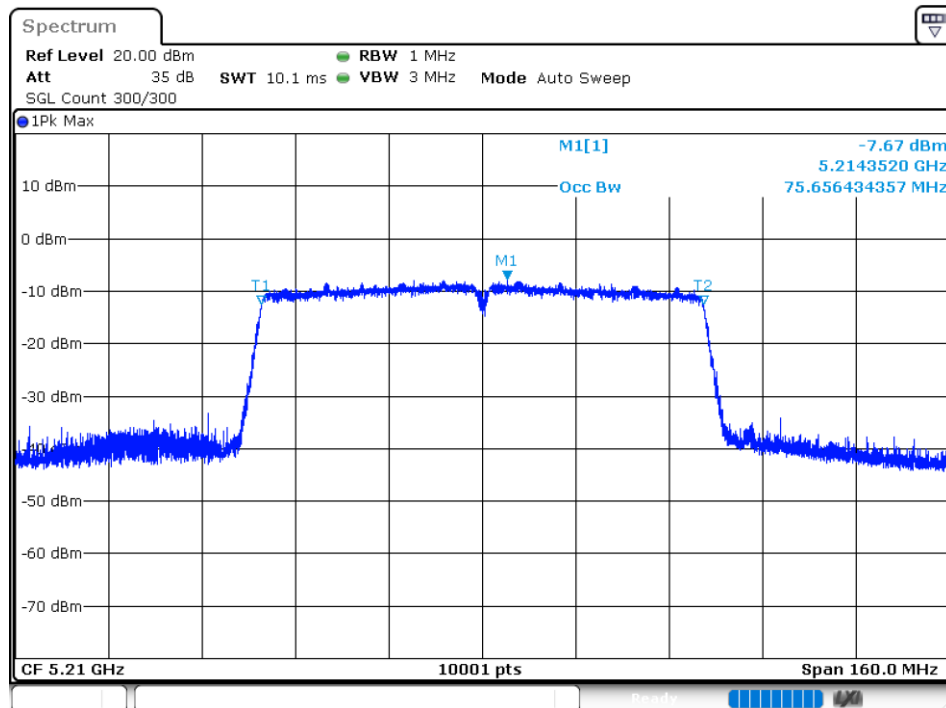
OBW NVNT 802.11ac40 5230MHz Ant1



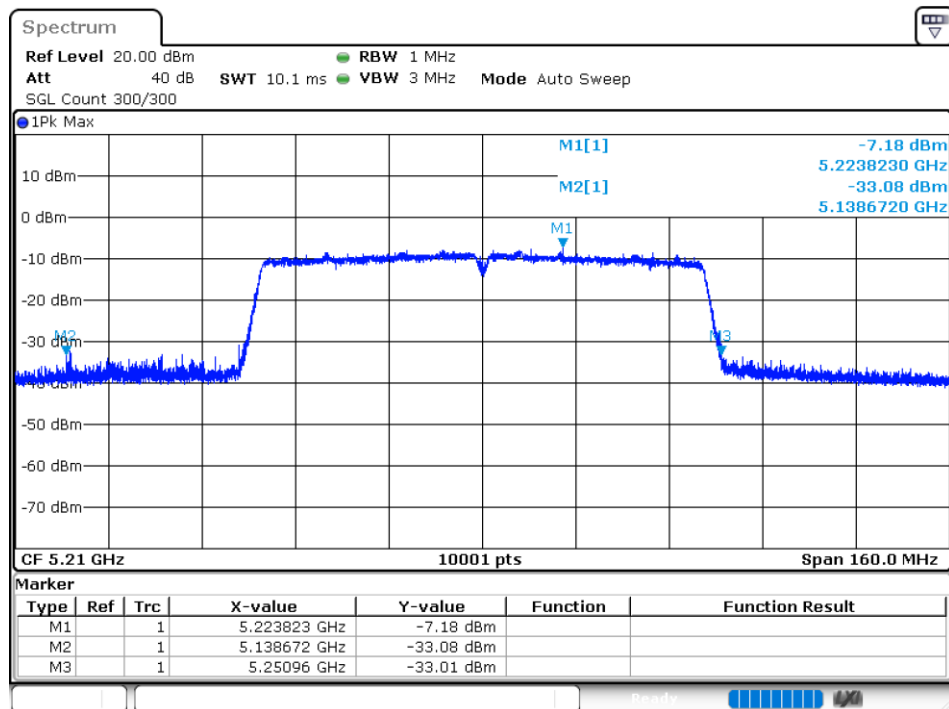
-26 dB BW NVNT 802.11ac40 5230MHz Ant1



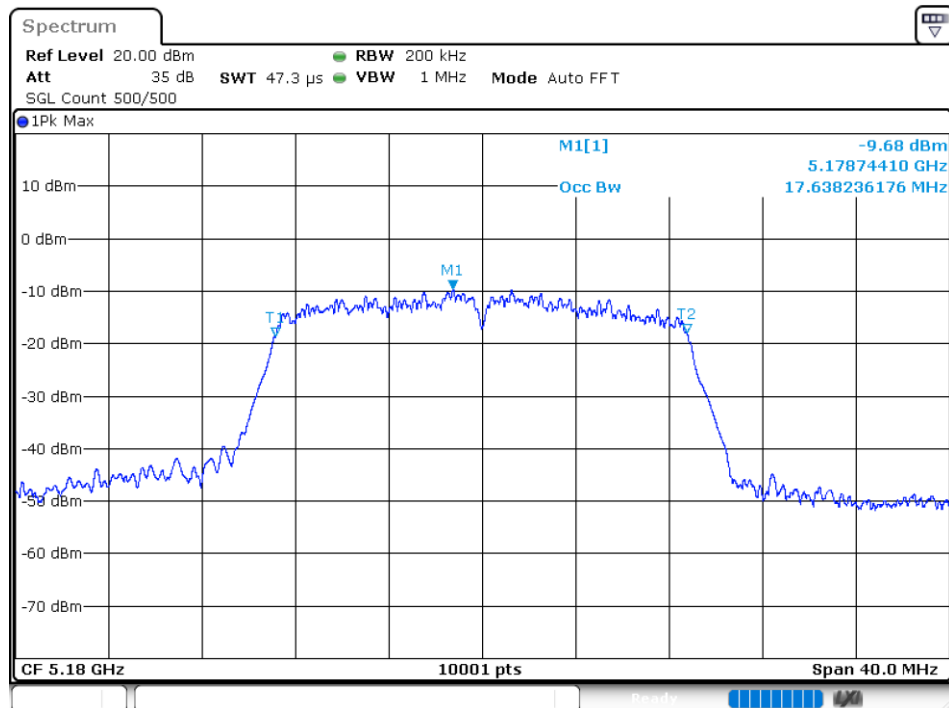
OBW NVNT 802.11ac80 5210MHz Ant1



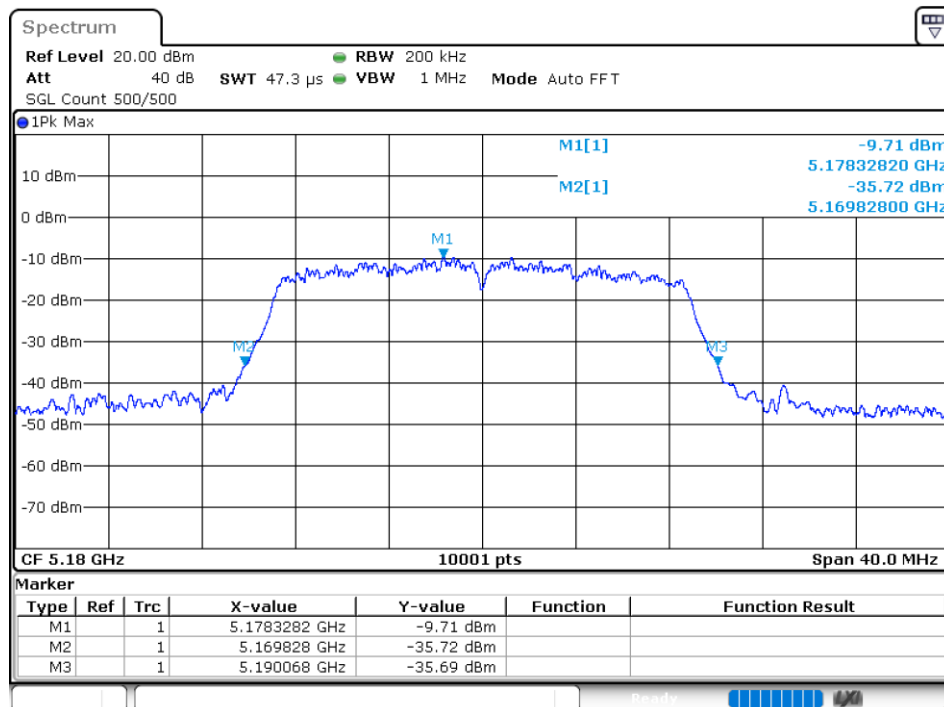
-26 dB BW NVNT 802.11ac80 5210MHz Ant1



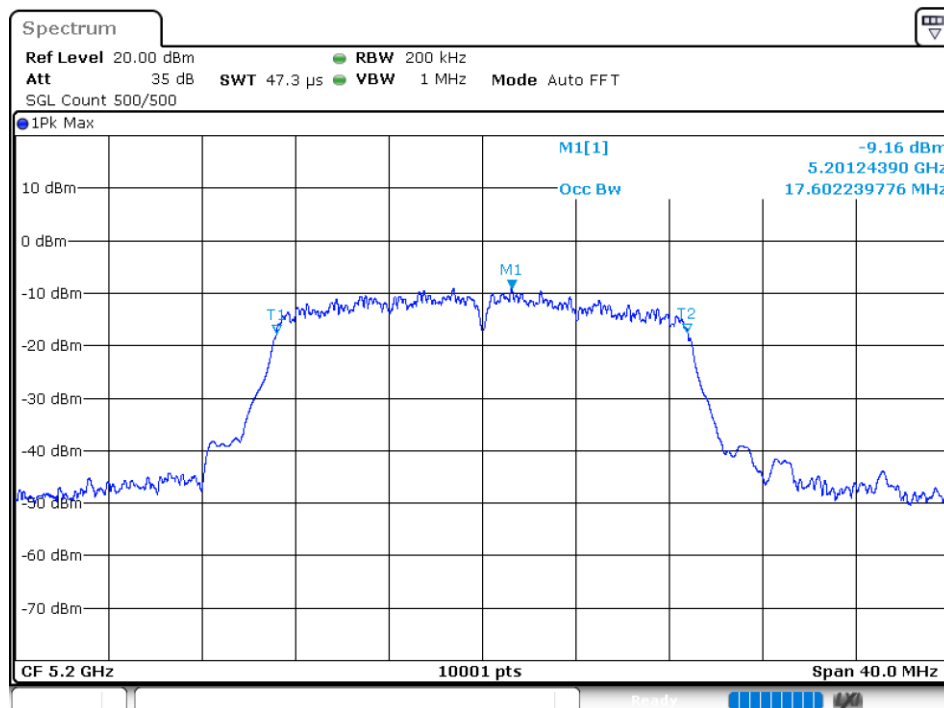
OBW NVNT 802.11n(HT20) 5180MHz Ant1



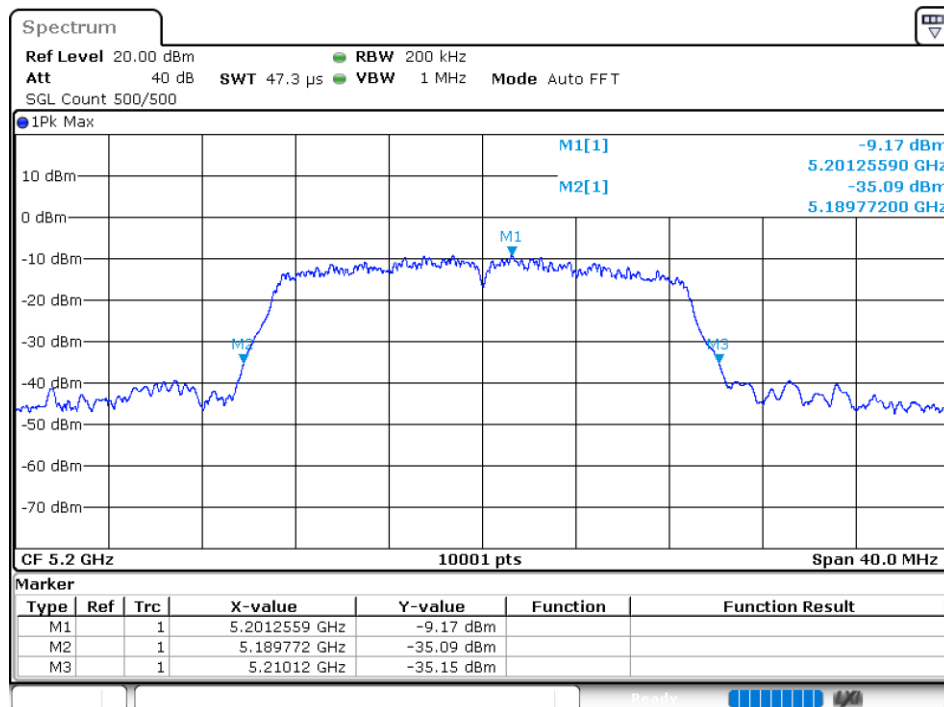
-26 dB BW NVNT 802.11n(HT20) 5180MHz Ant1



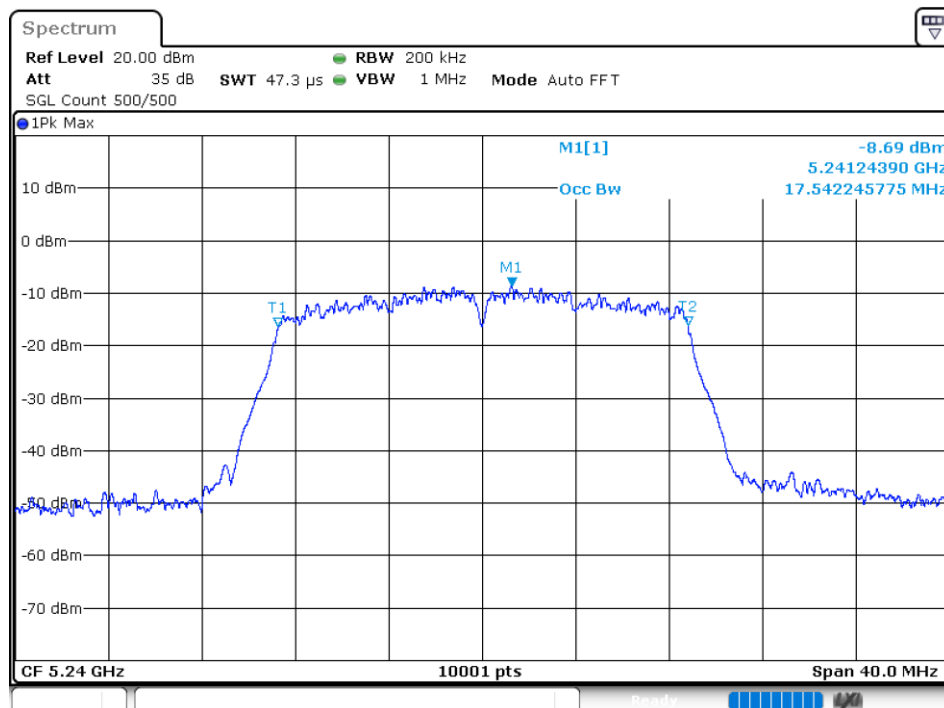
OBW NVNT 802.11n(HT20) 5200MHz Ant1



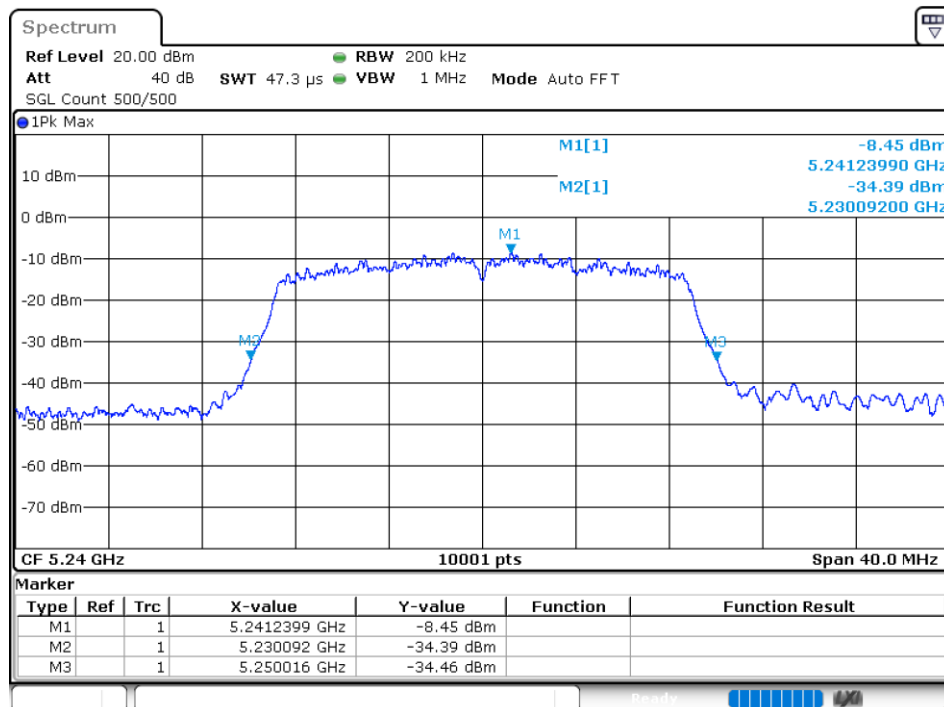
-26 dB BW NVNT 802.11n(HT20) 5200MHz Ant1



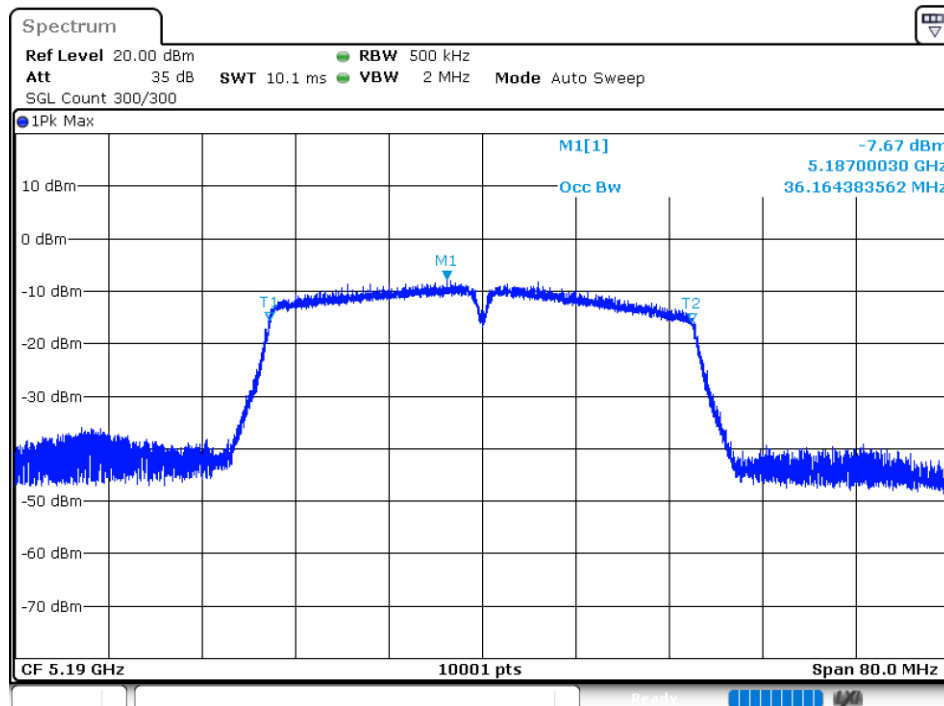
OBW NVNT 802.11n(HT20) 5240MHz Ant1



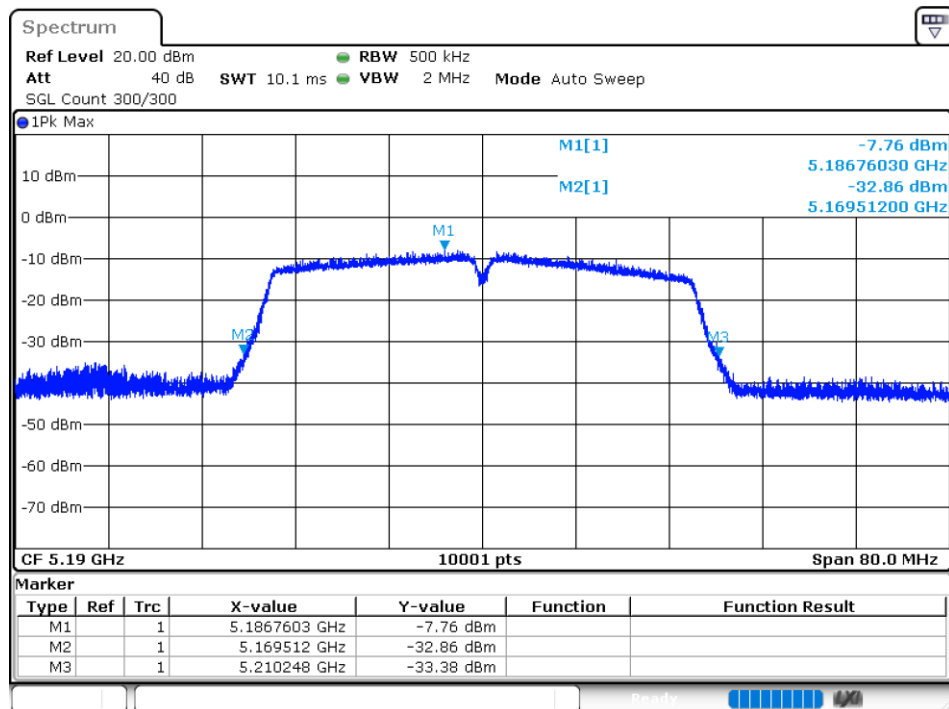
-26 dB BW NVNT 802.11n(HT20) 5240MHz Ant1



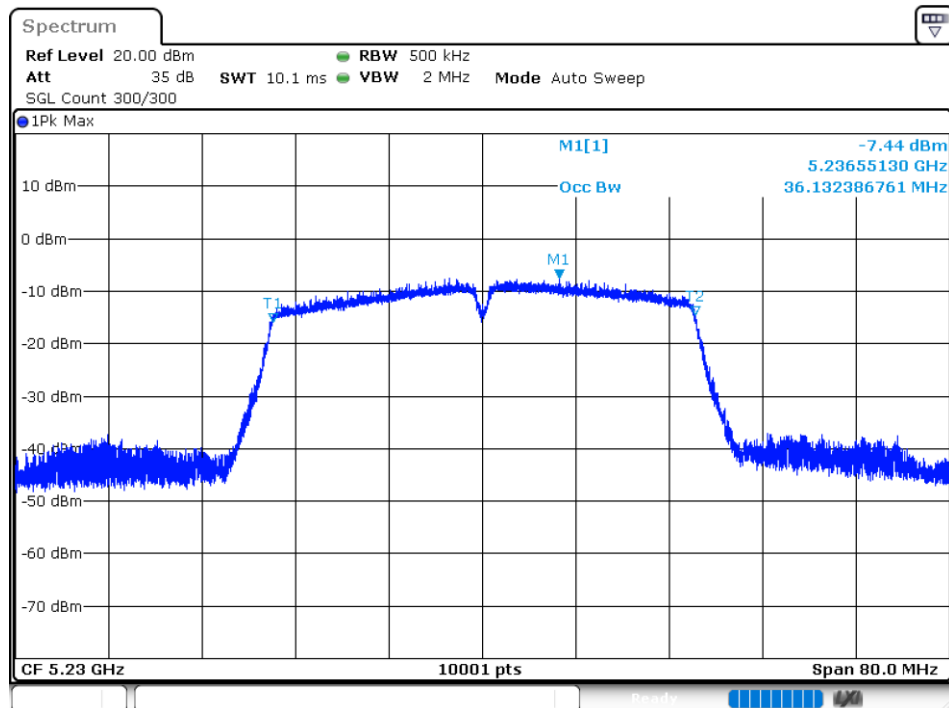
OBW NVNT 802.11n(HT40) 5190MHz Ant1



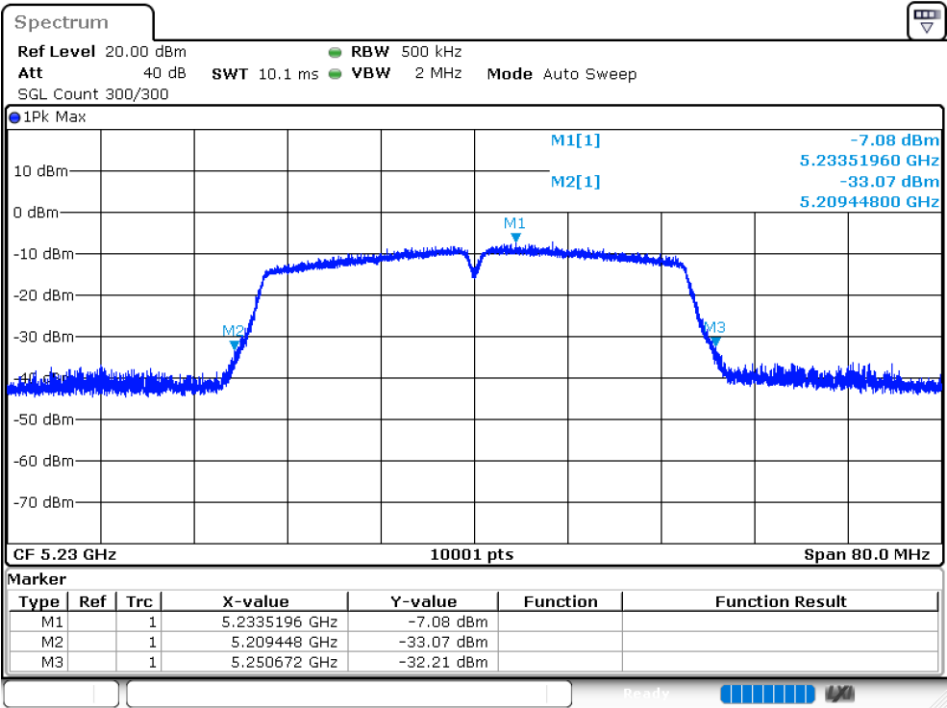
-26 dB BW NVNT 802.11n(HT40) 5190MHz Ant1



OBW NVNT 802.11n(HT40) 5230MHz Ant1



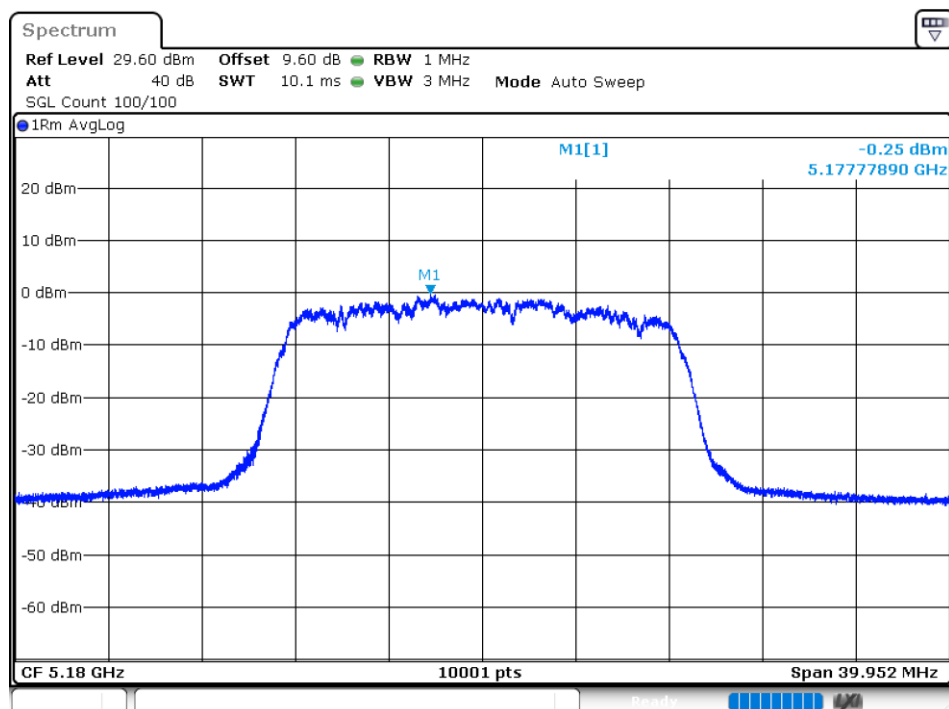
-26 dB BW NVNT 802.11n(HT40) 5230MHz Ant1



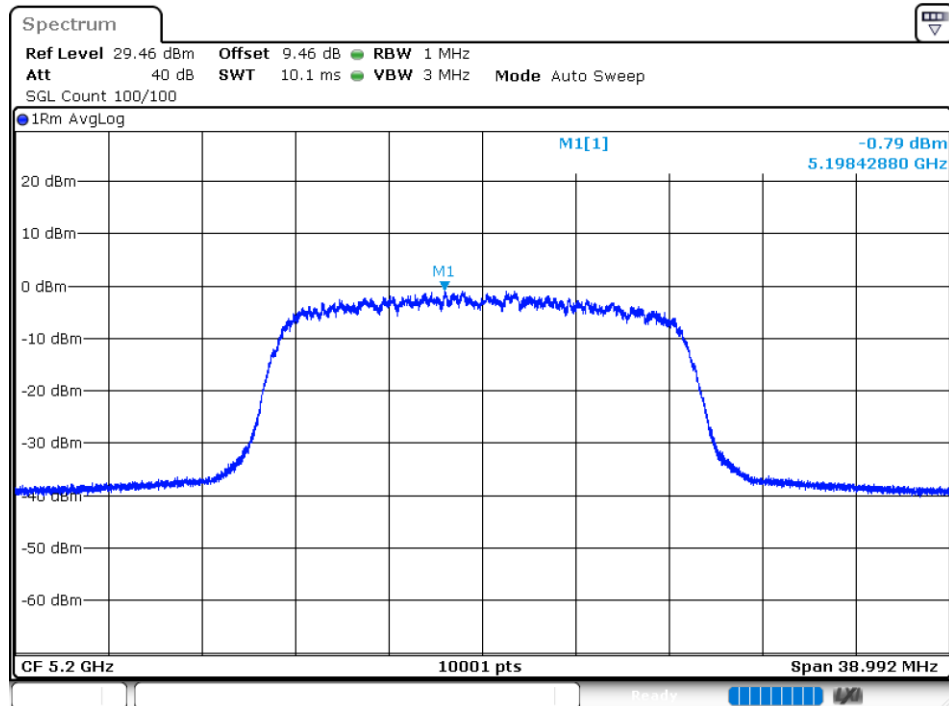
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	-0.247	11	Pass
NVNT	802.11a	5200	Ant 1	-0.793	11	Pass
NVNT	802.11a	5240	Ant 1	0.252	11	Pass
NVNT	802.11ac20	5180	Ant 1	-1.901	11	Pass
NVNT	802.11ac20	5200	Ant 1	-1.282	11	Pass
NVNT	802.11ac20	5240	Ant 1	0.108	11	Pass
NVNT	802.11ac40	5190	Ant 1	-5.111	11	Pass
NVNT	802.11ac40	5230	Ant 1	-4.108	11	Pass
NVNT	802.11ac80	5210	Ant 1	-10.6	11	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-1.383	11	Pass
NVNT	802.11n(HT20)	5200	Ant 1	-0.709	11	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-0.992	11	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-5.853	11	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-5.194	11	Pass

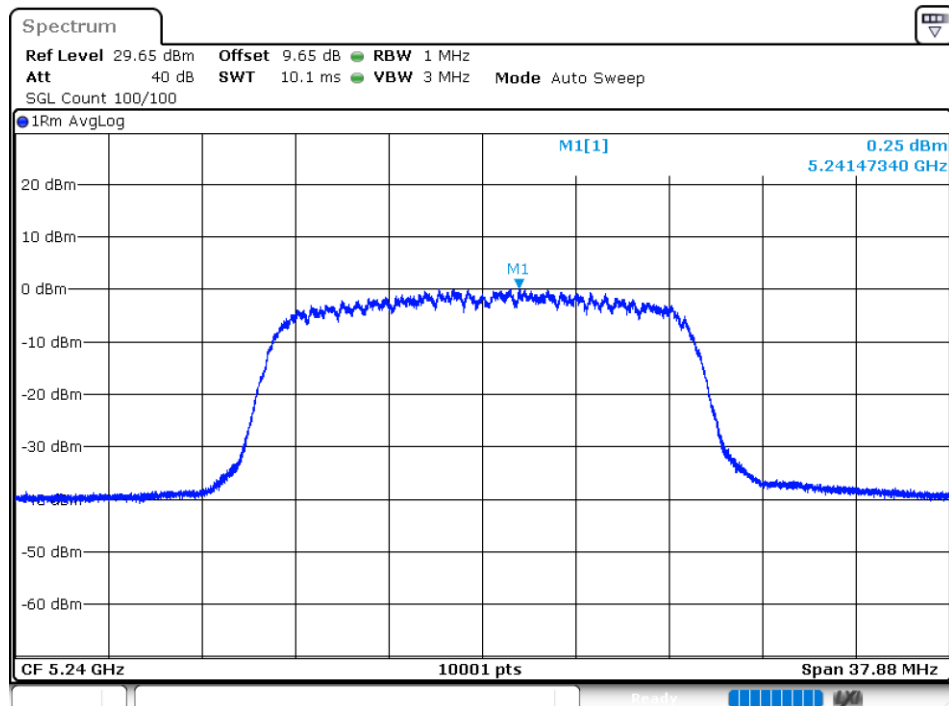
PSD NVNT 802.11a 5180MHz Ant1



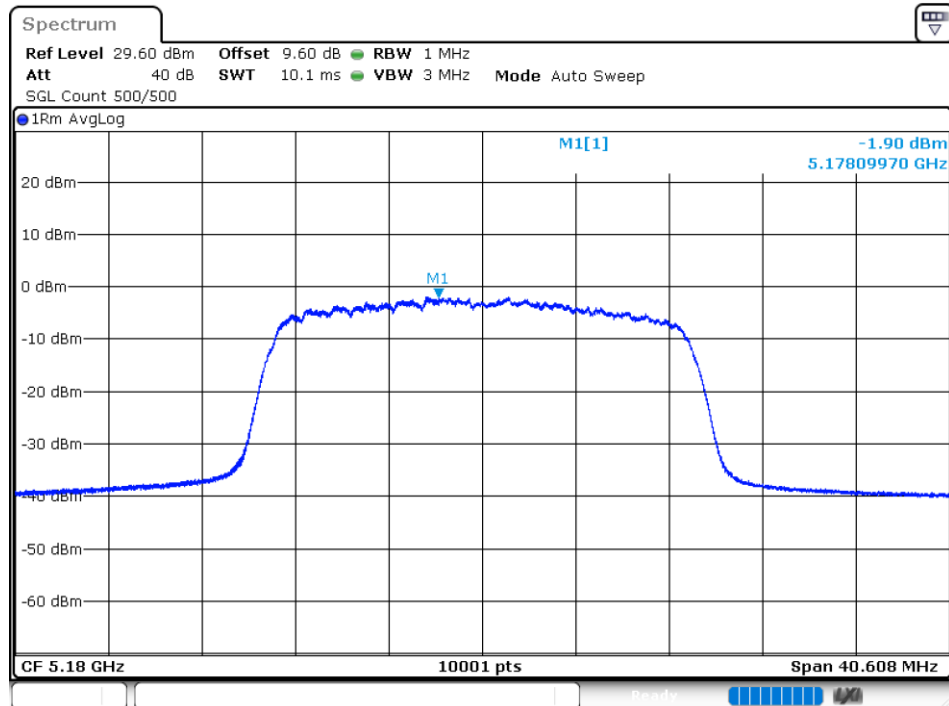
PSD NVNT 802.11a 5200MHz Ant1



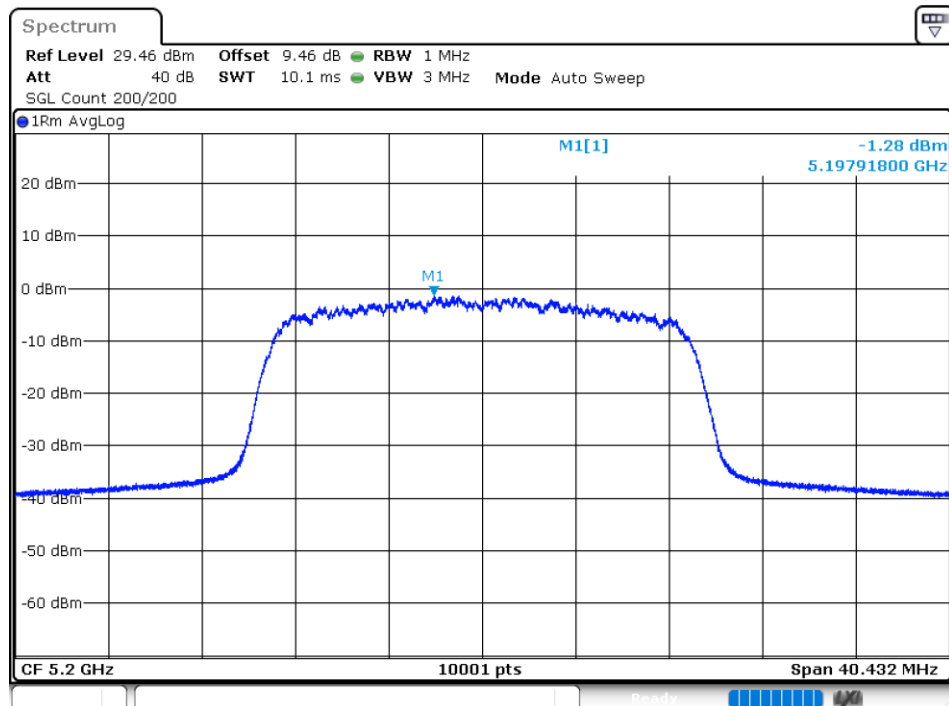
PSD NVNT 802.11a 5240MHz Ant1



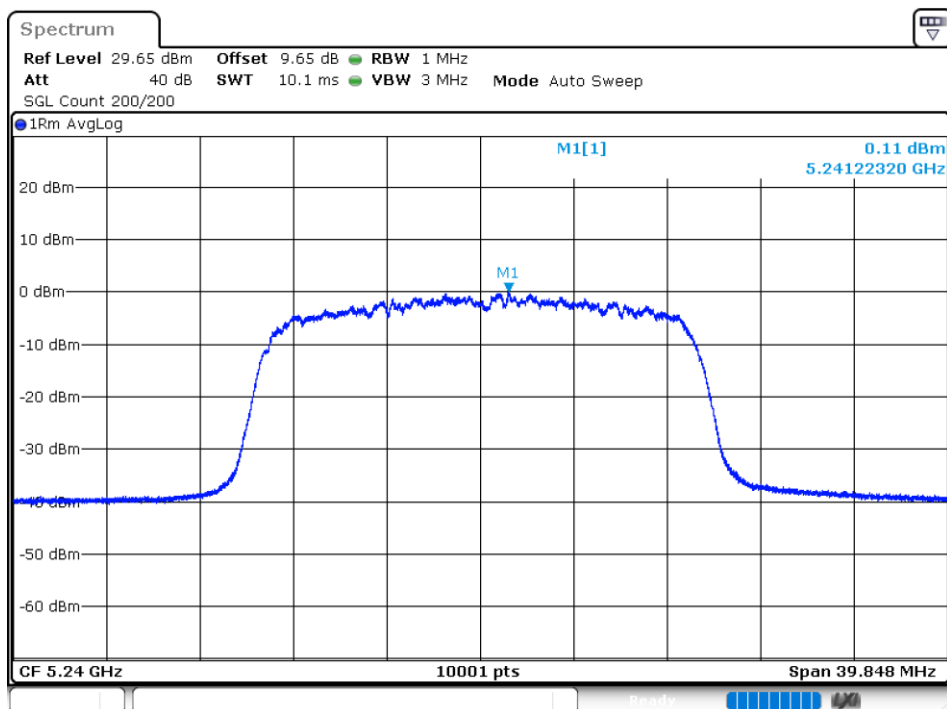
PSD NVNT 802.11ac20 5180MHz Ant1



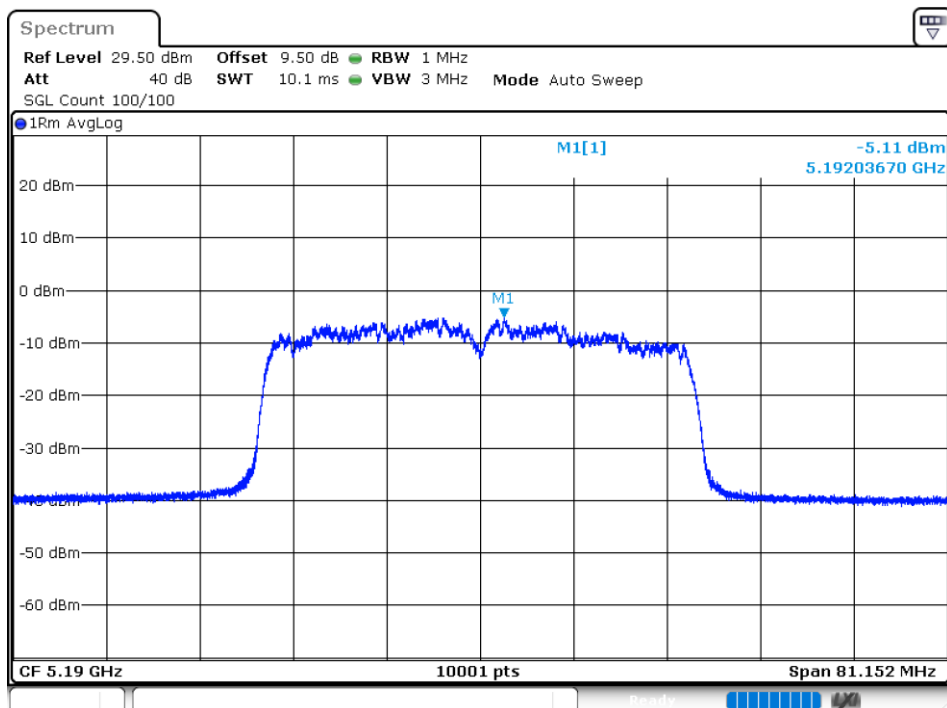
PSD NVNT 802.11ac20 5200MHz Ant1



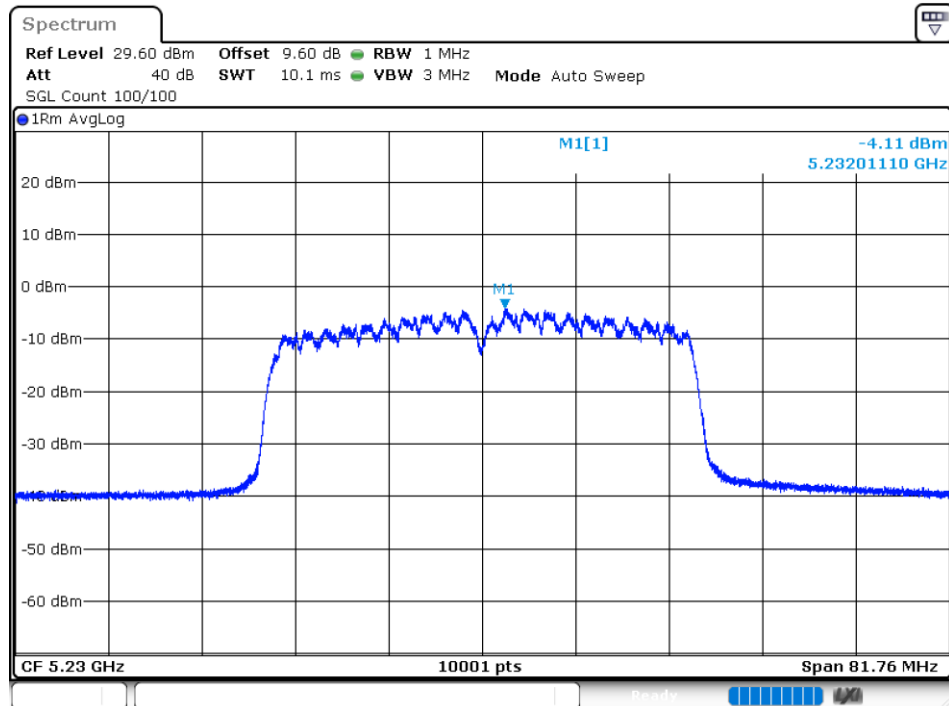
PSD NVNT 802.11ac20 5240MHz Ant1



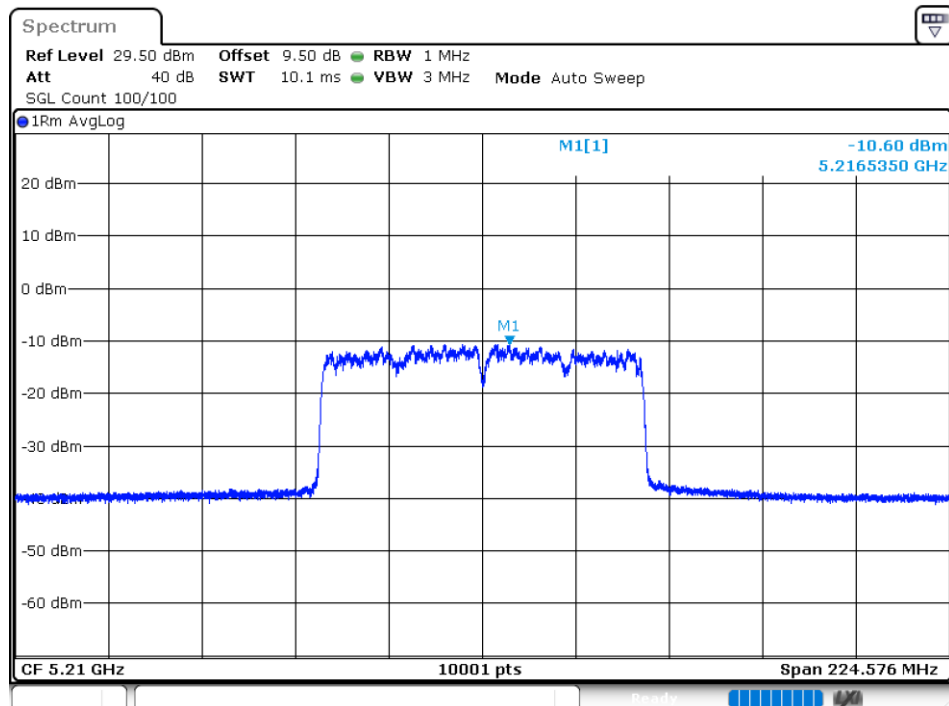
PSD NVNT 802.11ac40 5190MHz Ant1



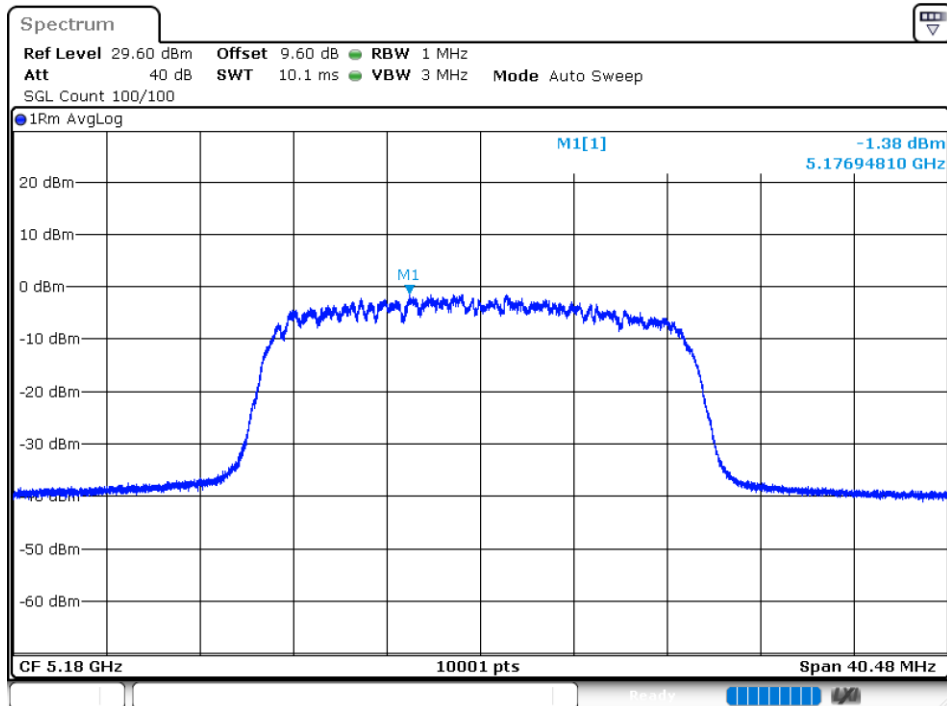
PSD NVNT 802.11ac40 5230MHz Ant1



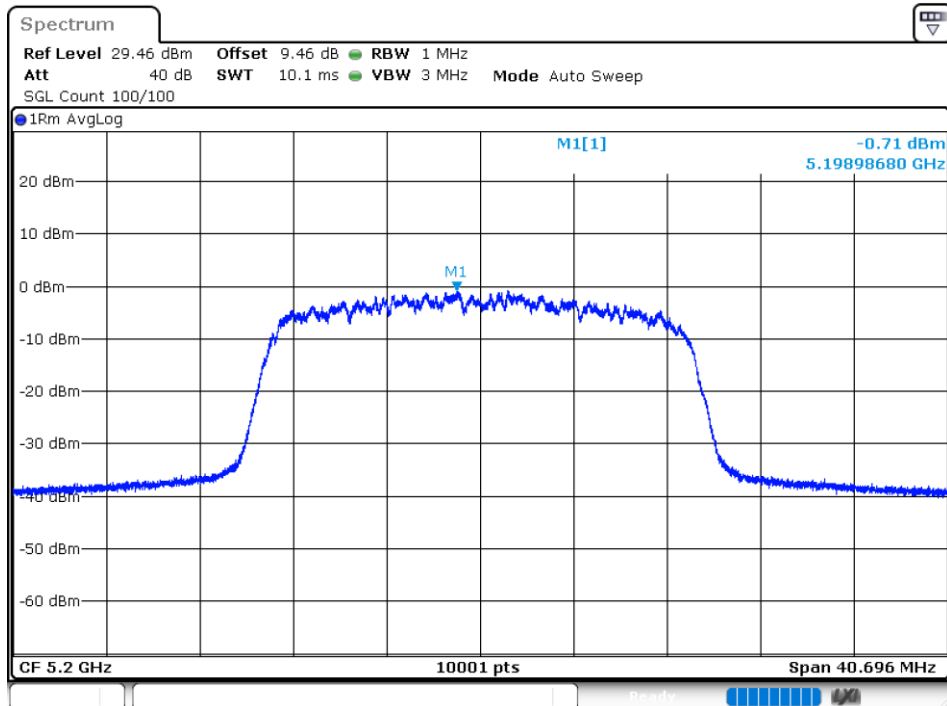
PSD NVNT 802.11ac80 5210MHz Ant1



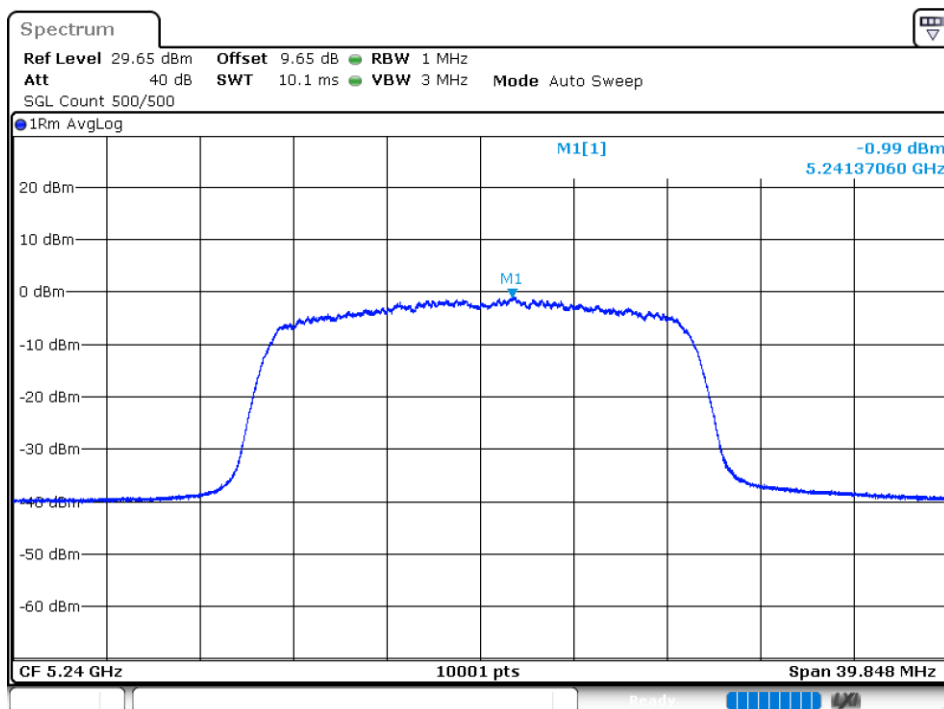
PSD NVNT 802.11n(HT20) 5180MHz Ant1



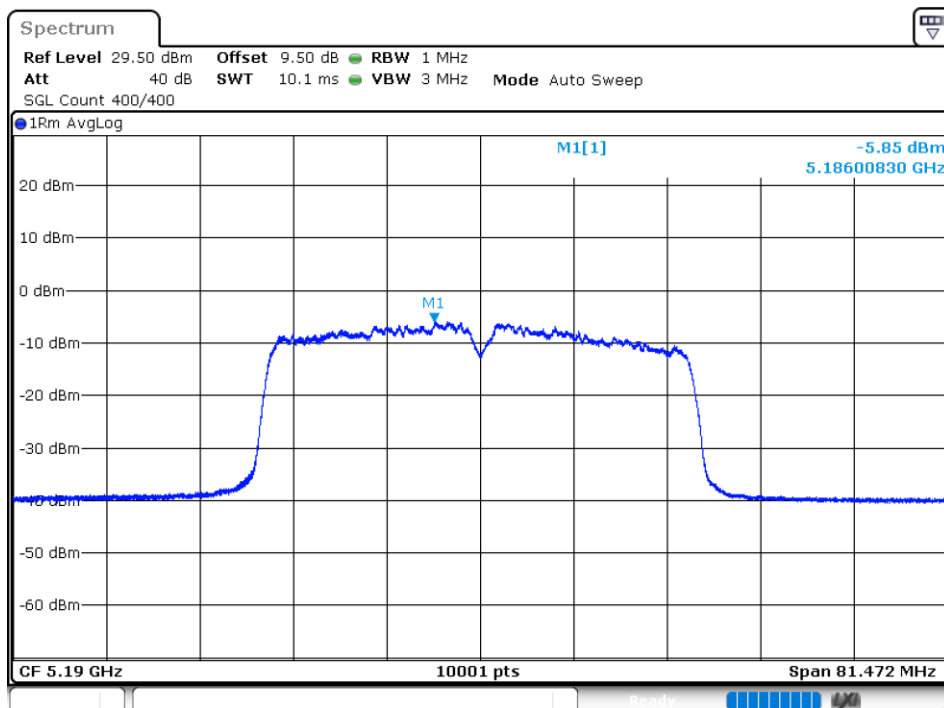
PSD NVNT 802.11n(HT20) 5200MHz Ant1



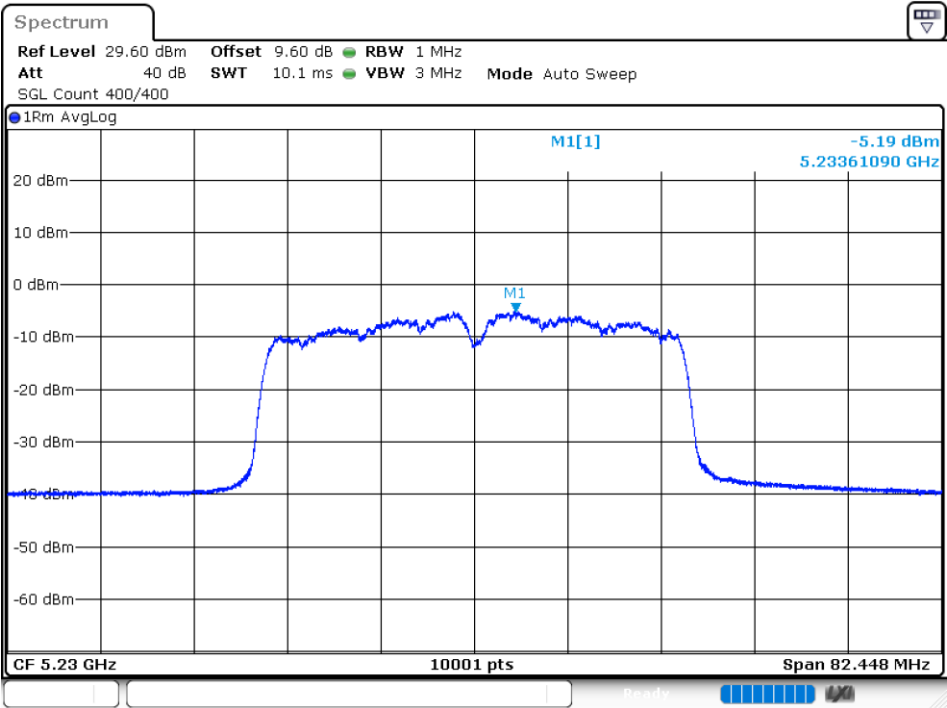
PSD NVNT 802.11n(HT20) 5240MHz Ant1



PSD NVNT 802.11n(HT40) 5190MHz Ant1



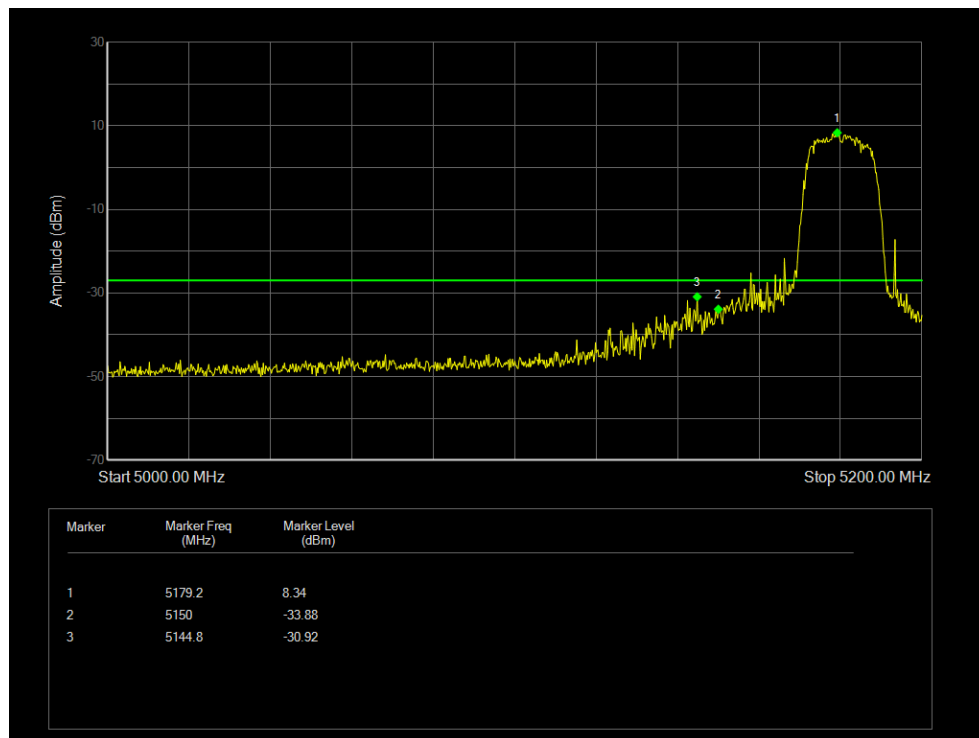
PSD NVNT 802.11n(HT40) 5230MHz Ant1



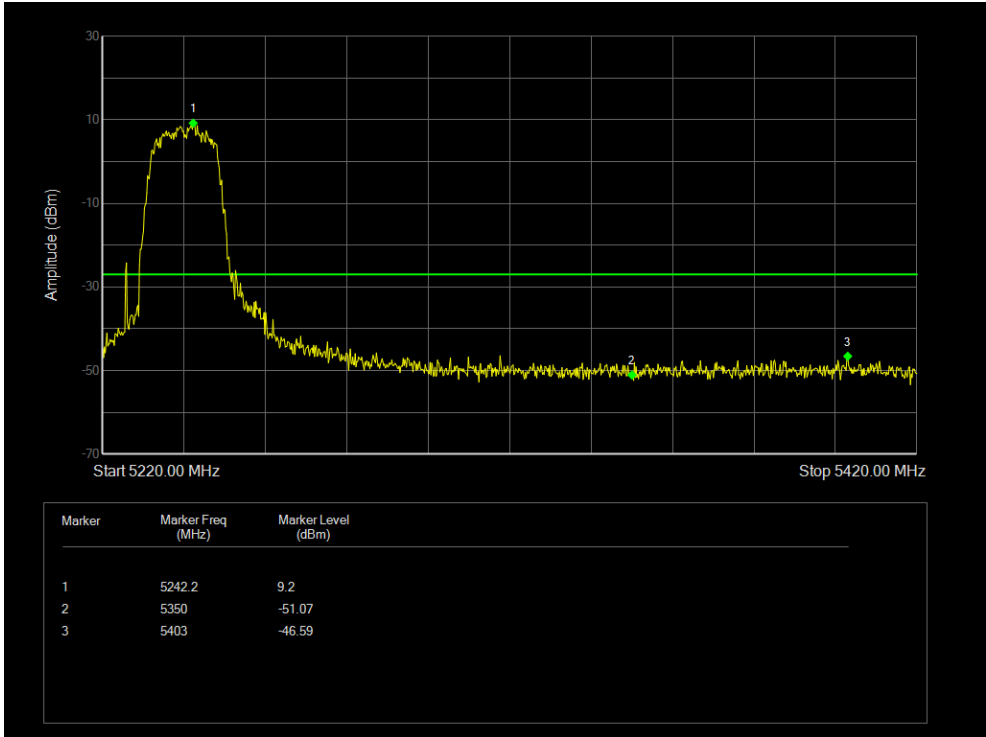
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	-30.92	-27	Pass
NVNT	802.11a	5240	Ant 1	-46.59	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-29.52	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-45.82	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-37.46	-27	Pass
NVNT	802.11ac40	5230	Ant 1	-46.57	-27	Pass
NVNT	802.11ac80	5210	Ant 1	-47.7	-27	Pass
NVNT	802.11ac80	5210	Ant 1	-27.78	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-34.44	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-47.18	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-28.15	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-45.65	-27	Pass

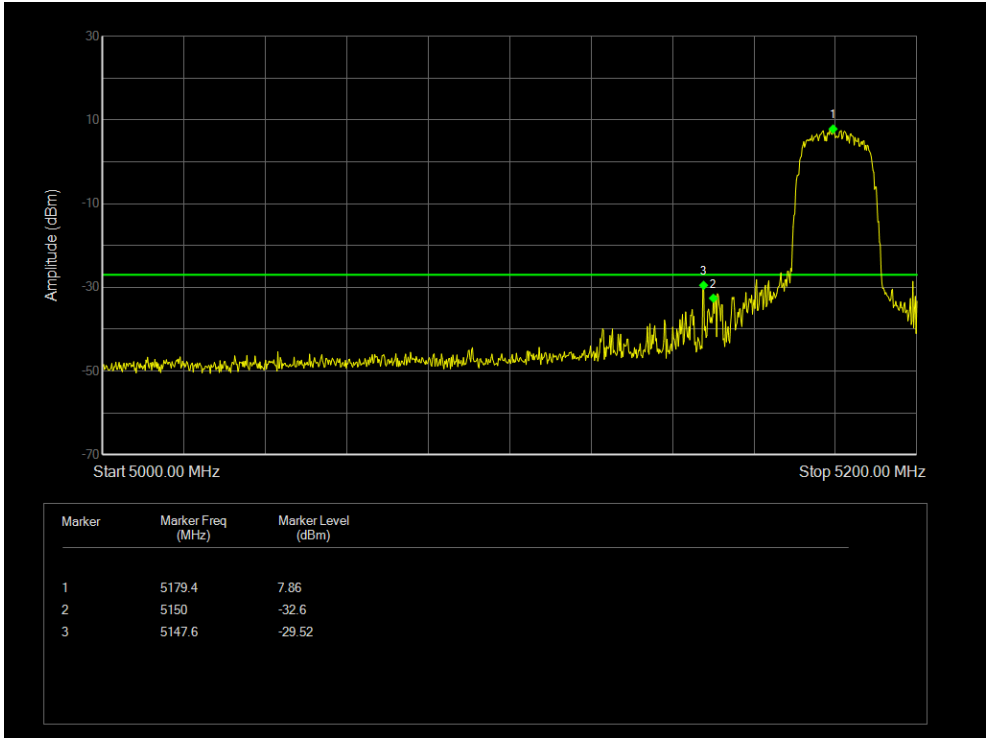
Band Edge NVNT 802.11a 5180MHz Low Ant1



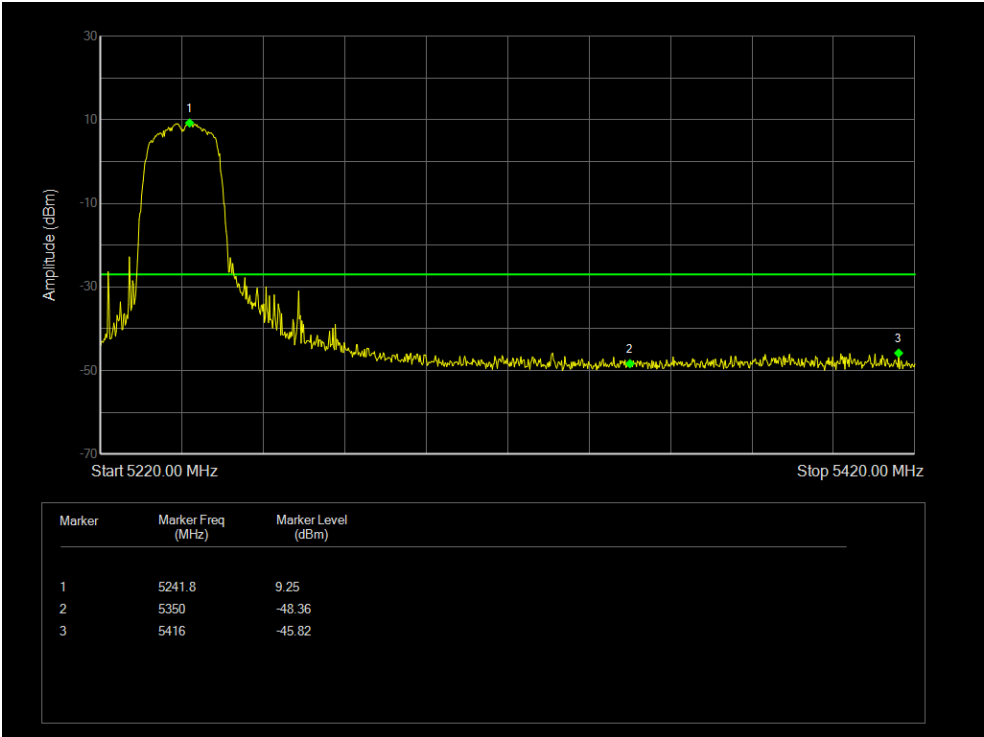
Band Edge NVNT 802.11a 5240MHz High Ant1



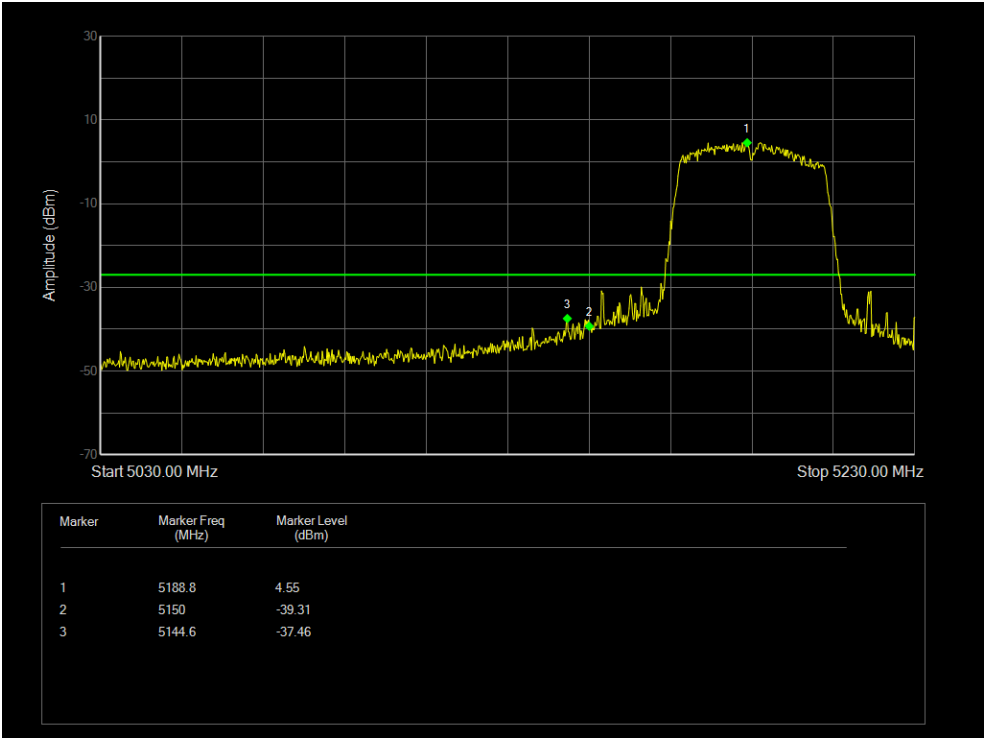
Band Edge NVNT 802.11ac20 5180MHz Low Ant1



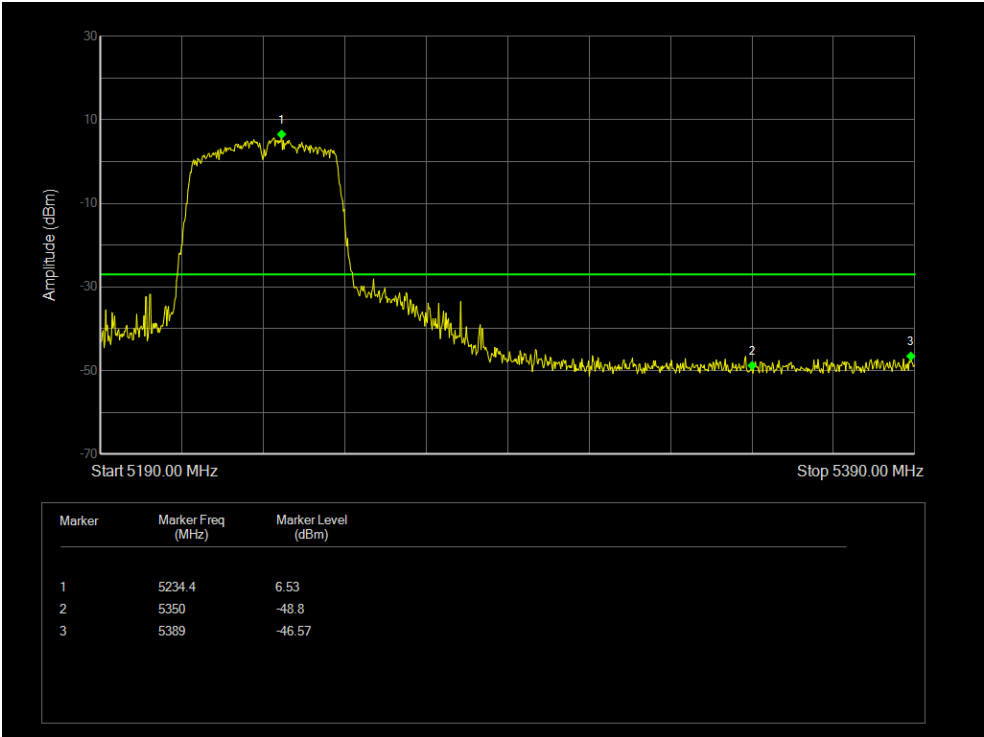
Band Edge NVNT 802.11ac20 5240MHz High Ant1



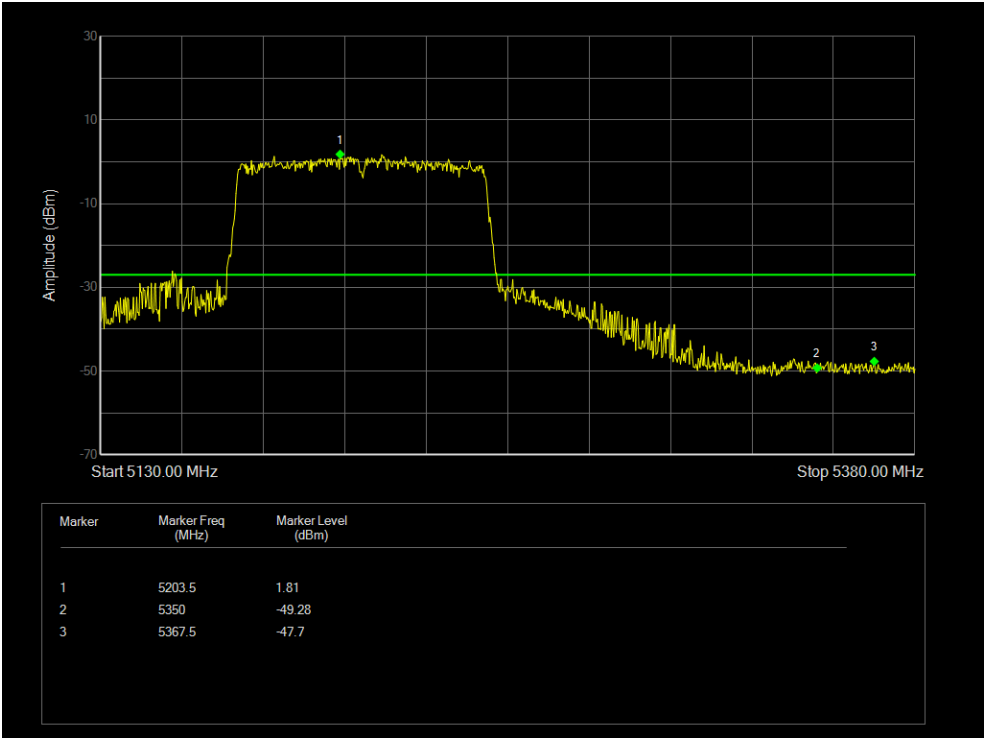
Band Edge NVNT 802.11ac40 5190MHz Low Ant1



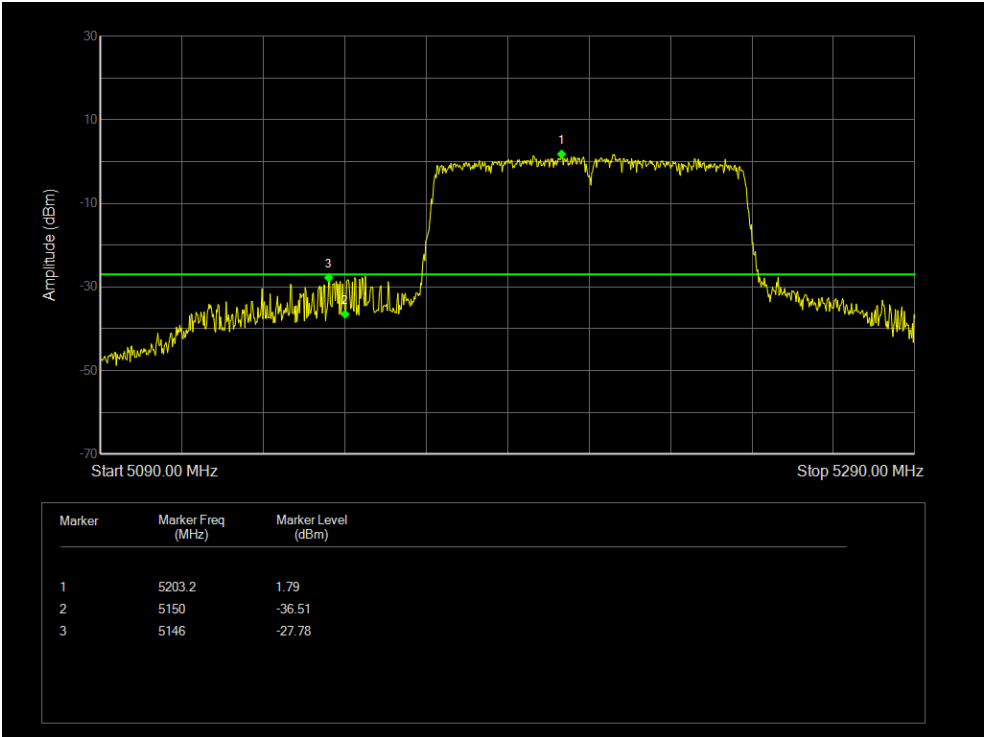
Band Edge NVNT 802.11ac40 5230MHz High Ant1



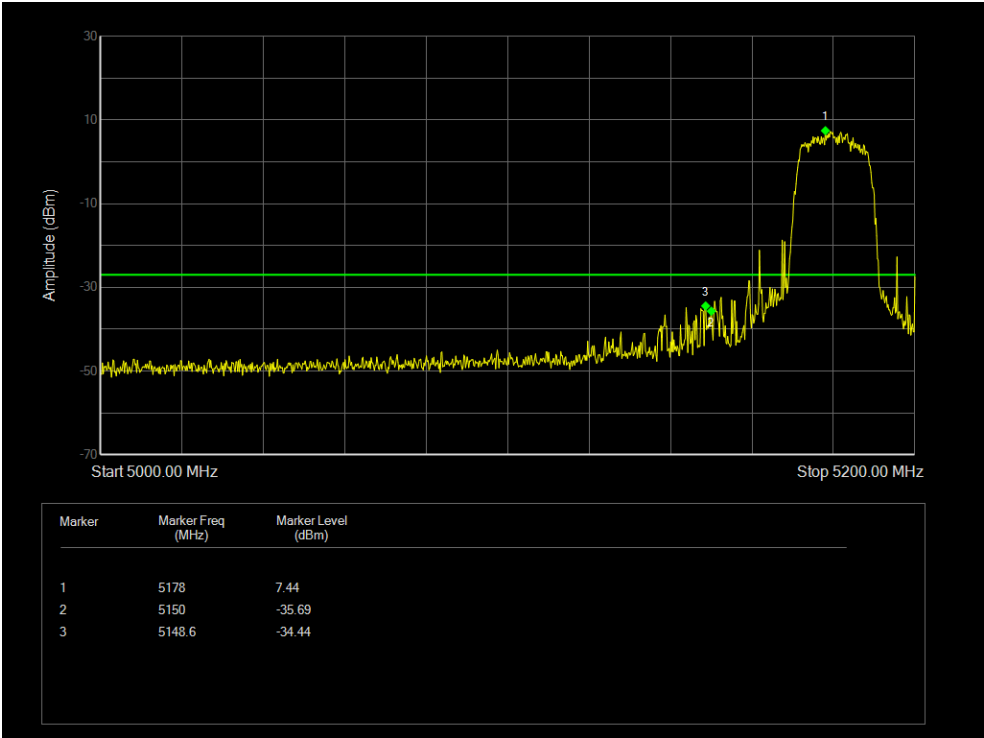
Band Edge NVNT 802.11ac80 5210MHz High Ant1



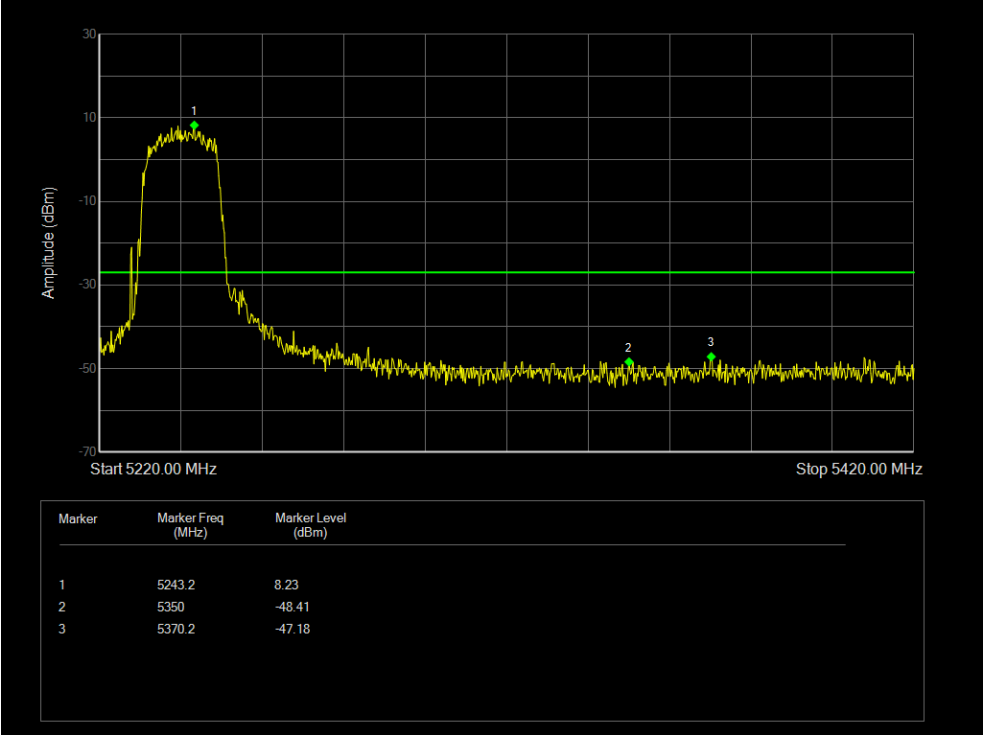
Band Edge NVNT 802.11ac80 5210MHz Low Ant1



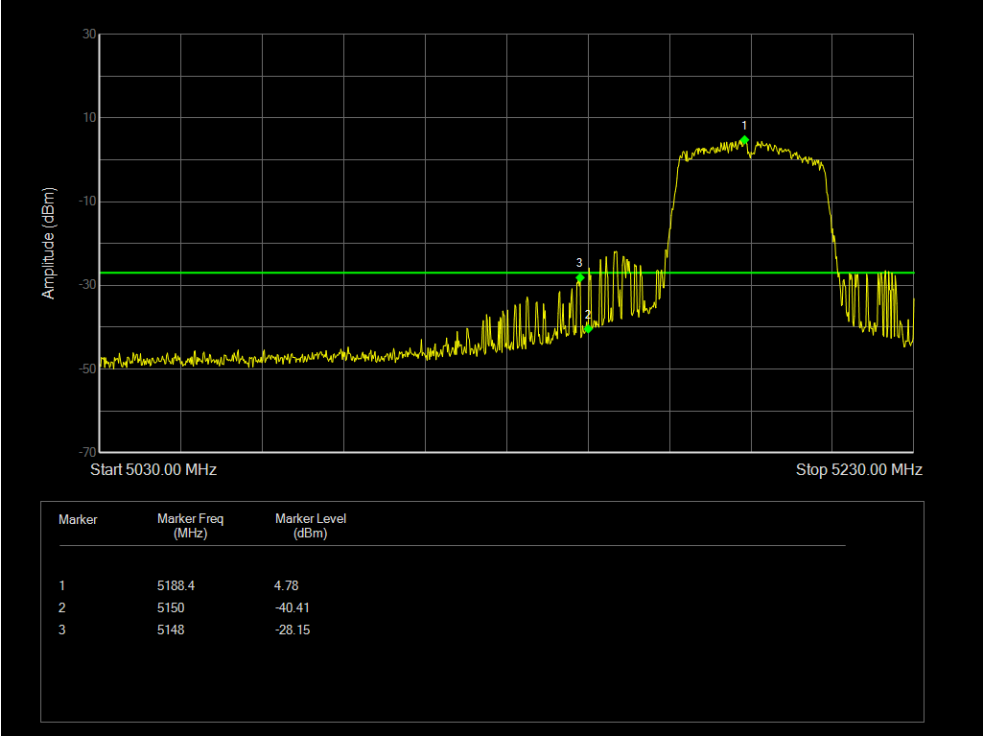
Band Edge NVNT 802.11n(HT20) 5180MHz Low Ant1



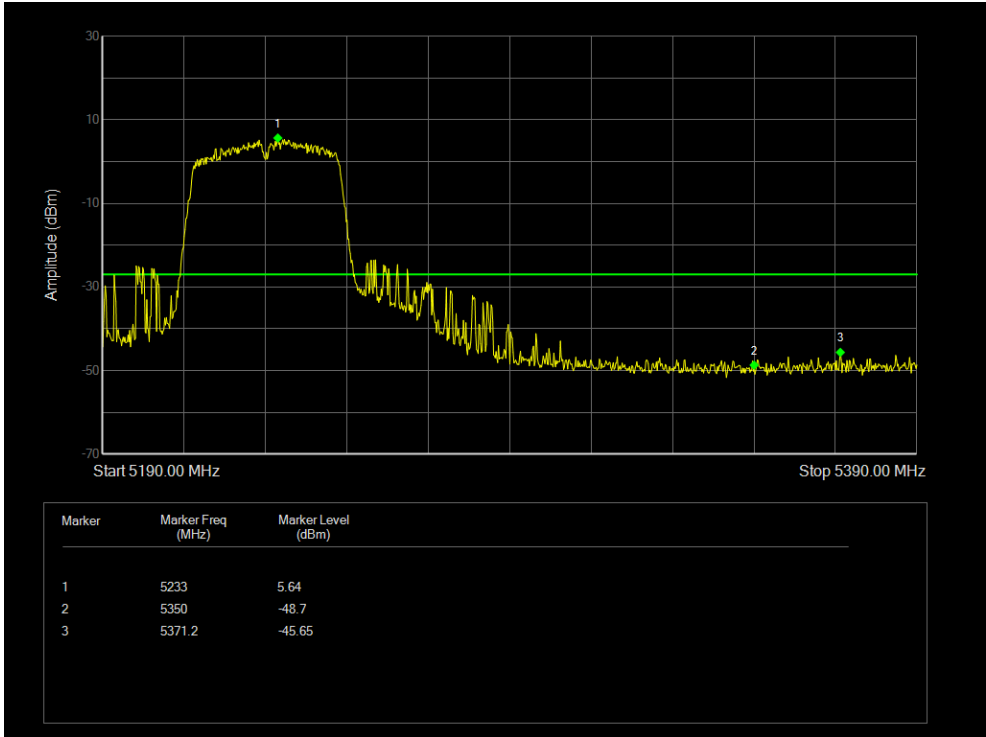
Band Edge NVNT 802.11n(HT20) 5240MHz High Ant1



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



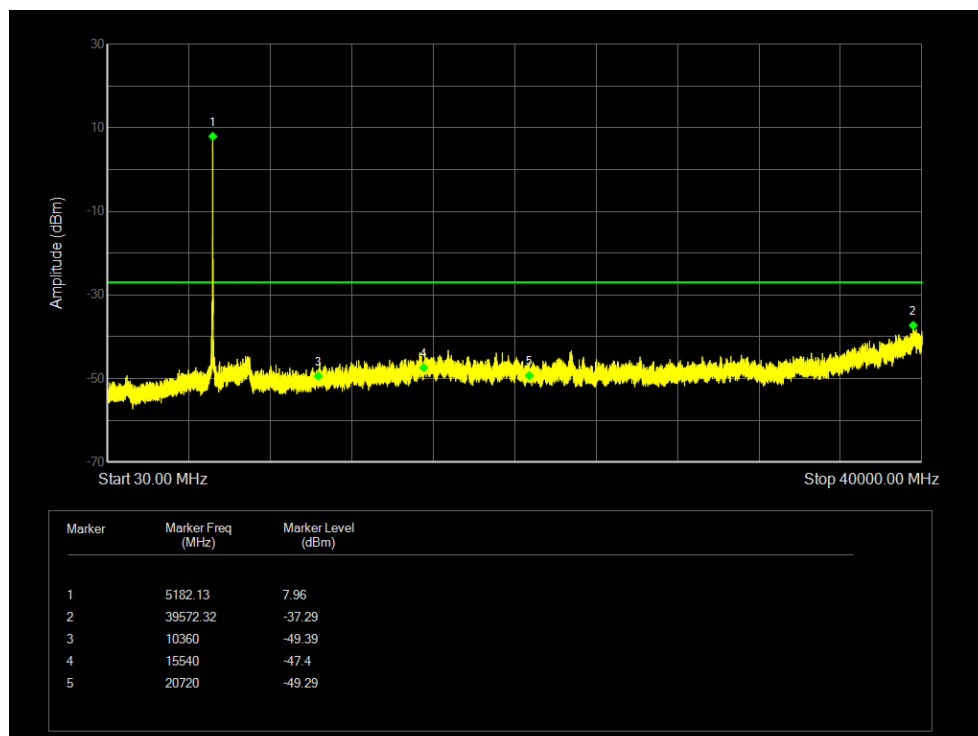
Band Edge NVNT 802.11n(HT40) 5230MHz High Ant1



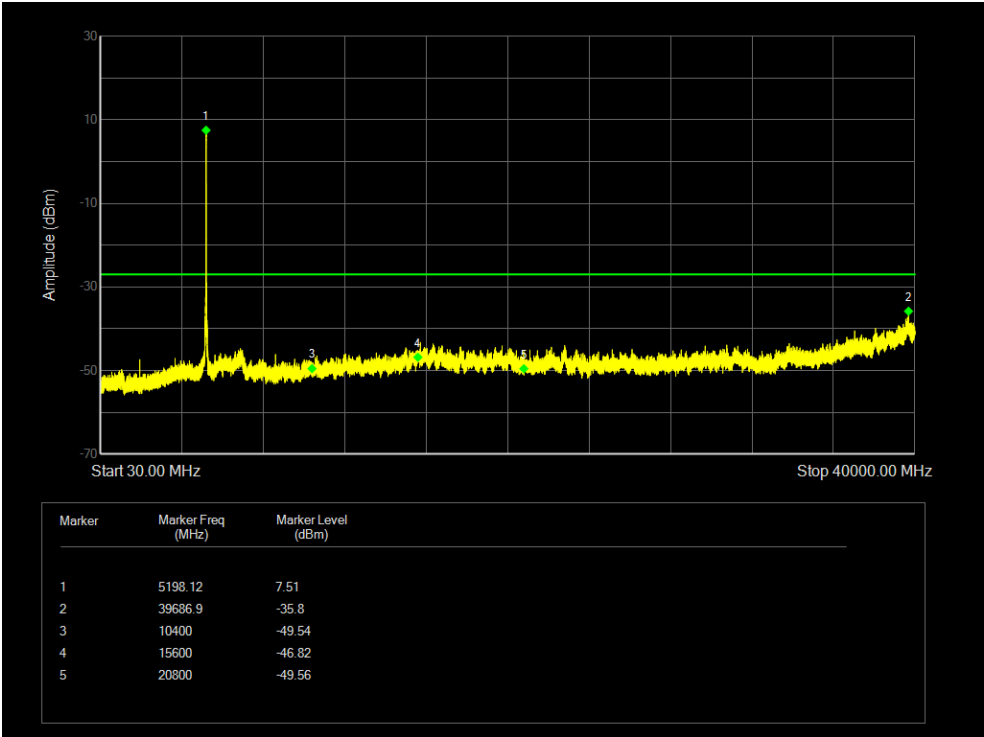
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5180	Ant 1	-37.29	-27	Pass
NVNT	802.11a	5200	Ant 1	-35.8	-27	Pass
NVNT	802.11a	5240	Ant 1	-37.73	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-37.53	-27	Pass
NVNT	802.11ac20	5200	Ant 1	-37.19	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-37.53	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-37.28	-27	Pass
NVNT	802.11ac40	5230	Ant 1	-37.62	-27	Pass
NVNT	802.11ac80	5210	Ant 1	-37.34	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-37.56	-27	Pass
NVNT	802.11n(HT20)	5200	Ant 1	-37.05	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-37.99	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-37.7	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-36.83	-27	Pass

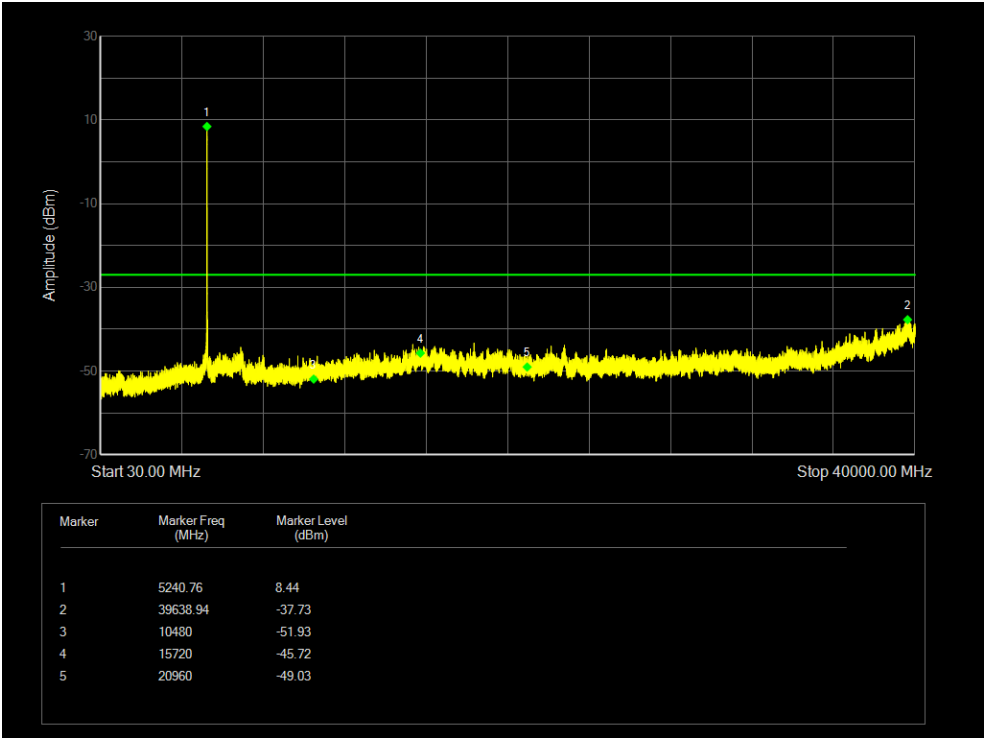
Tx. Spurious NVNT 802.11a 5180MHz Ant1 Emission



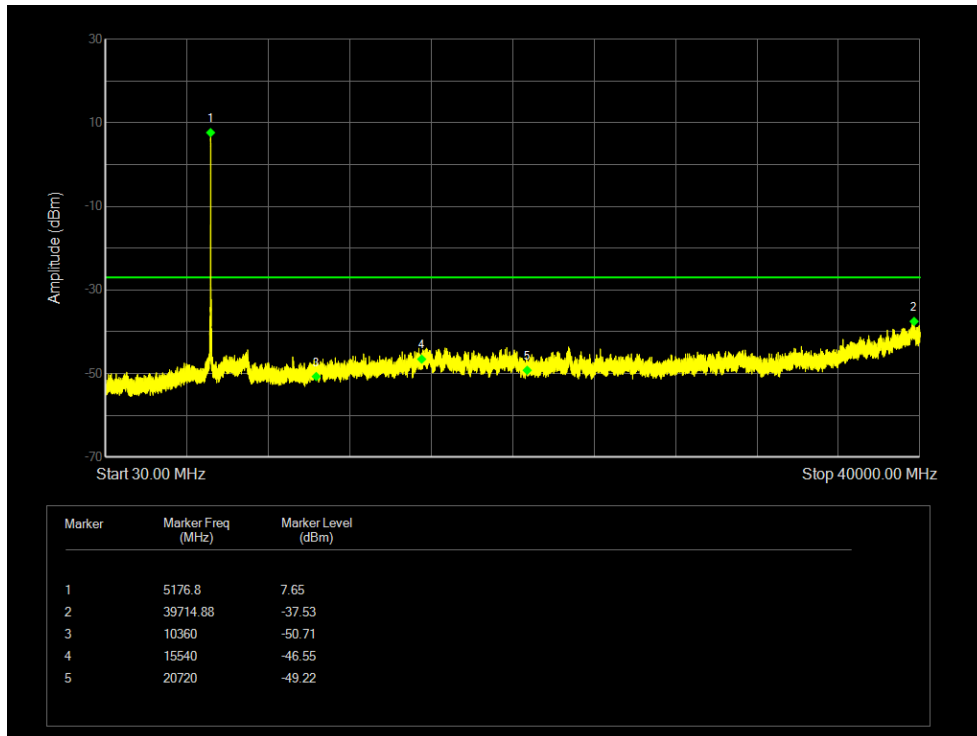
Tx. Spurious NVNT 802.11a 5200MHz Ant1 Emission



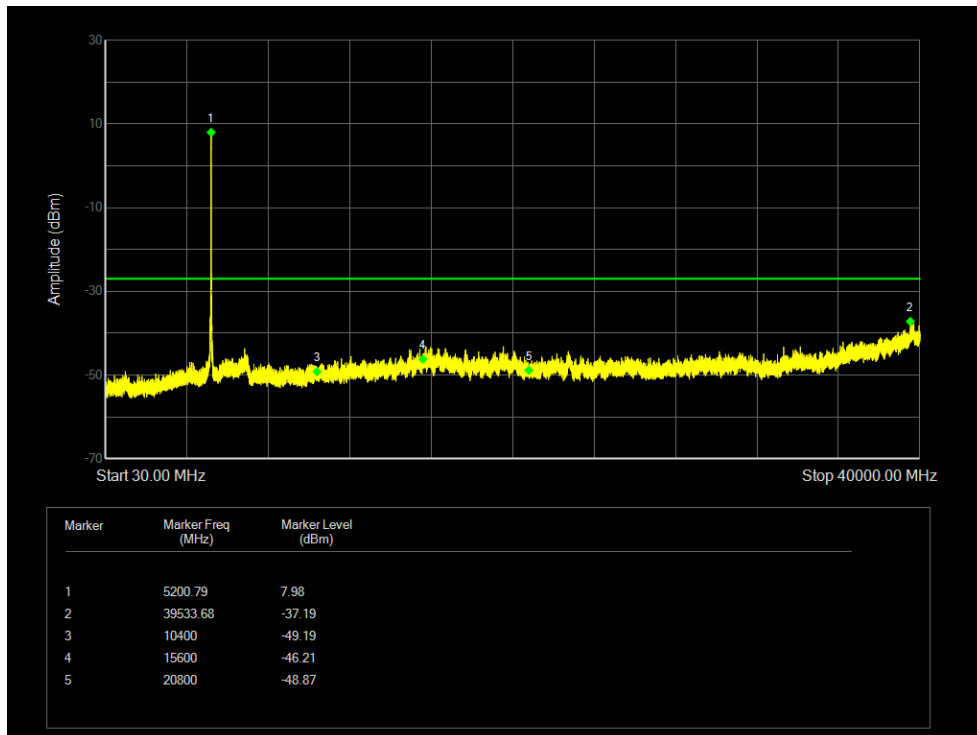
Tx. Spurious NVNT 802.11a 5240MHz Ant1 Emission



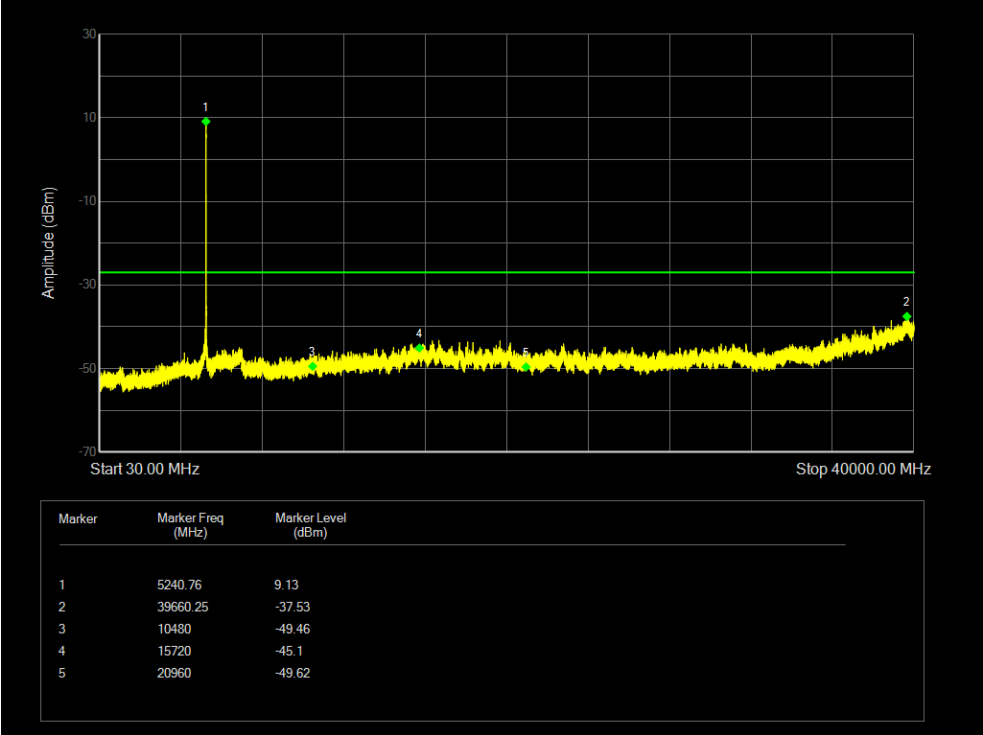
Tx. Spurious NVNT 802.11ac20 5180MHz Ant1 Emission



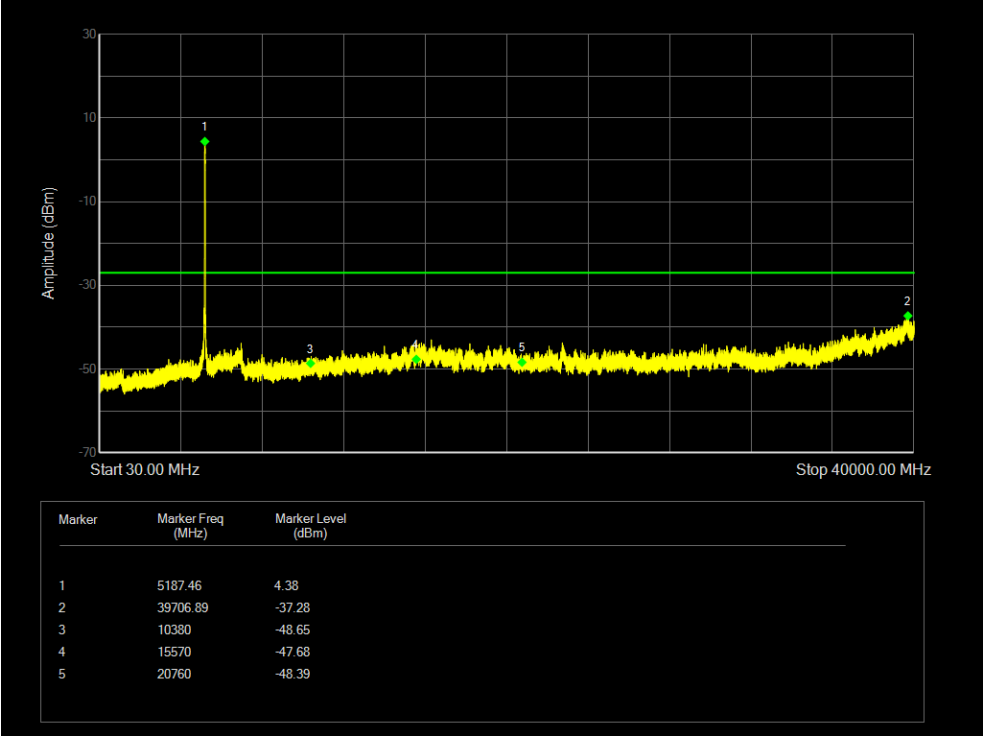
Tx. Spurious NVNT 802.11ac20 5200MHz Ant1 Emission



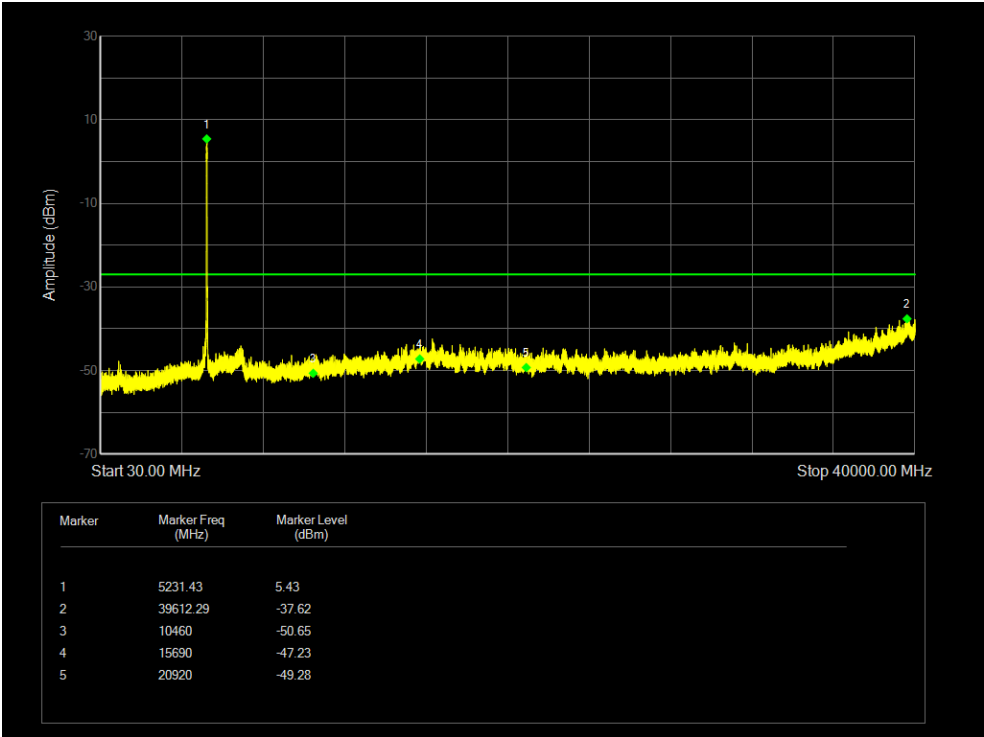
Tx. Spurious NVNT 802.11ac20 5240MHz Ant1 Emission



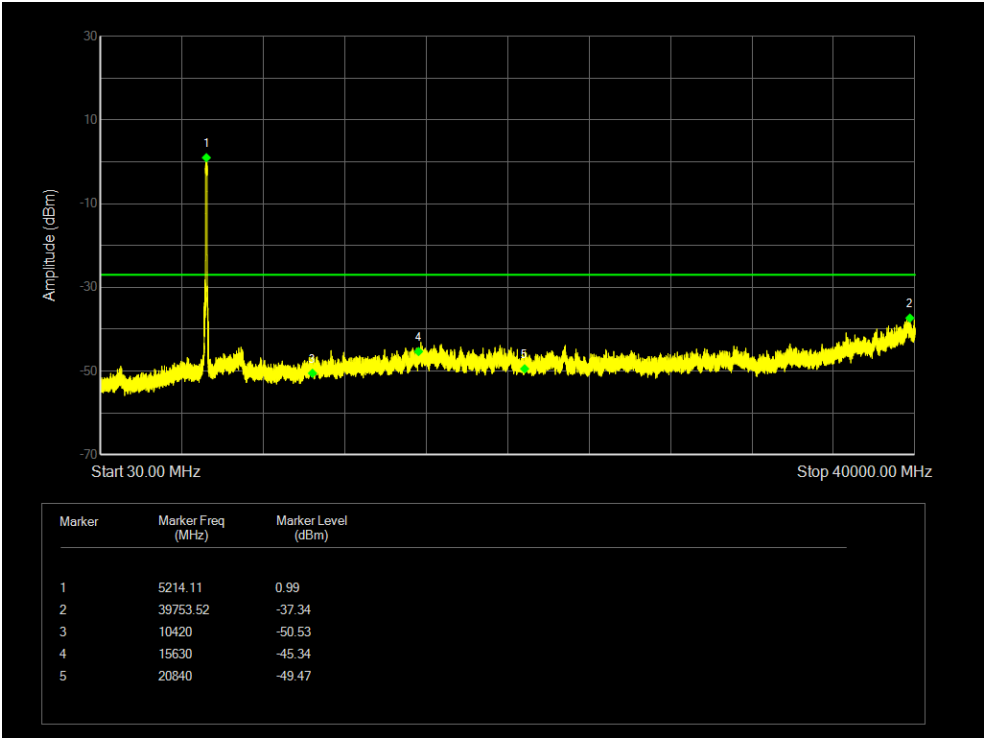
Tx. Spurious NVNT 802.11ac40 5190MHz Ant1 Emission



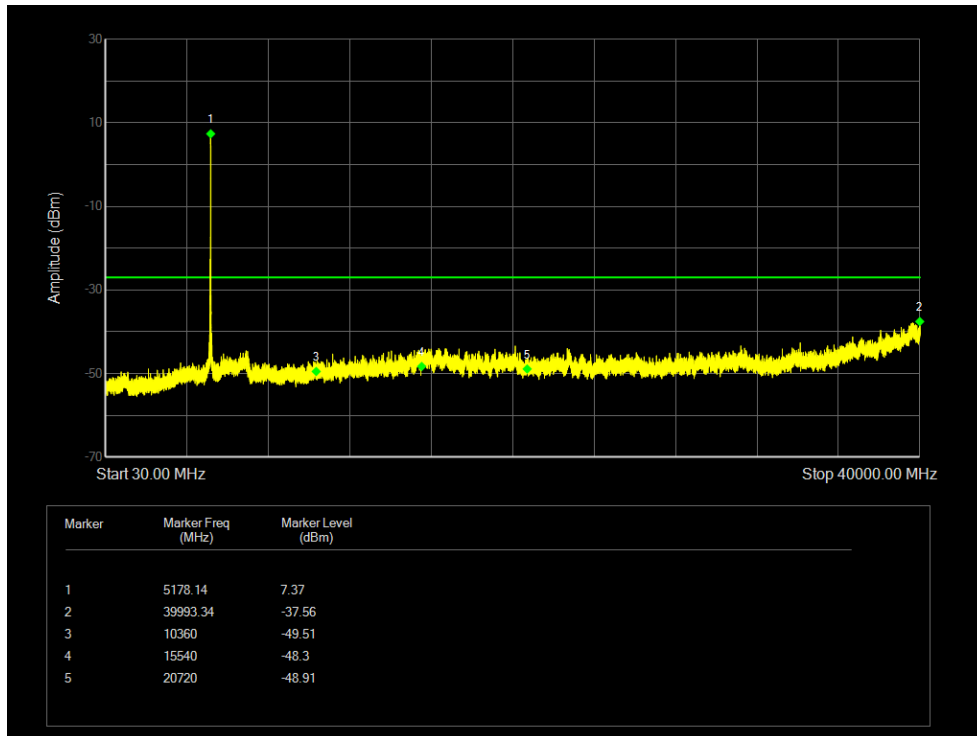
Tx. Spurious NVNT 802.11ac40 5230MHz Ant1 Emission



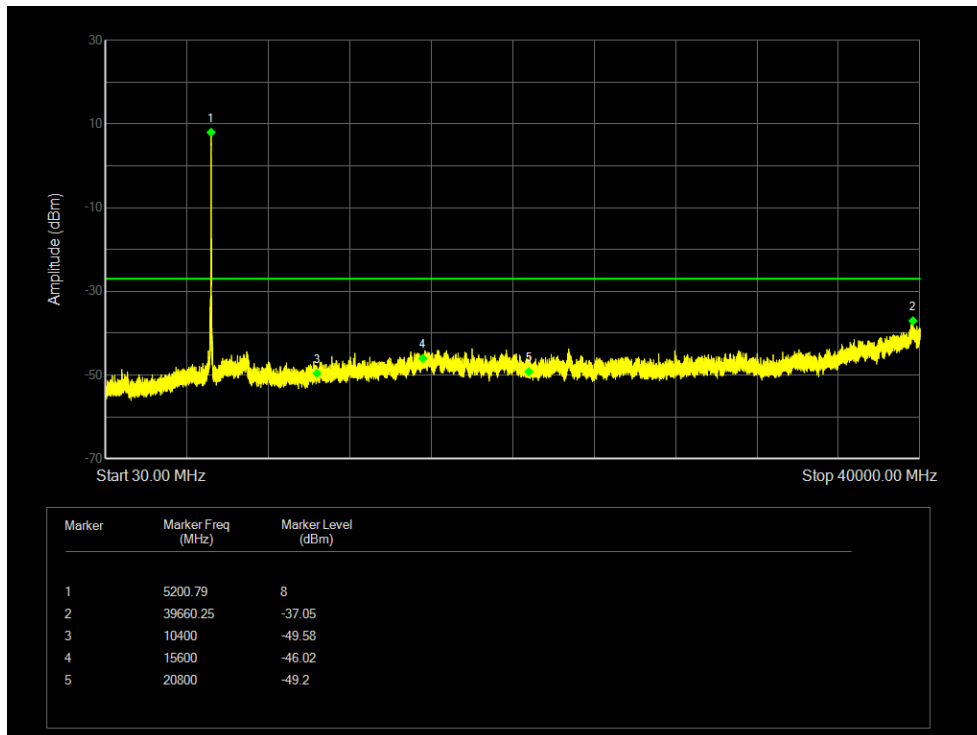
Tx. Spurious NVNT 802.11ac80 5210MHz Ant1 Emission



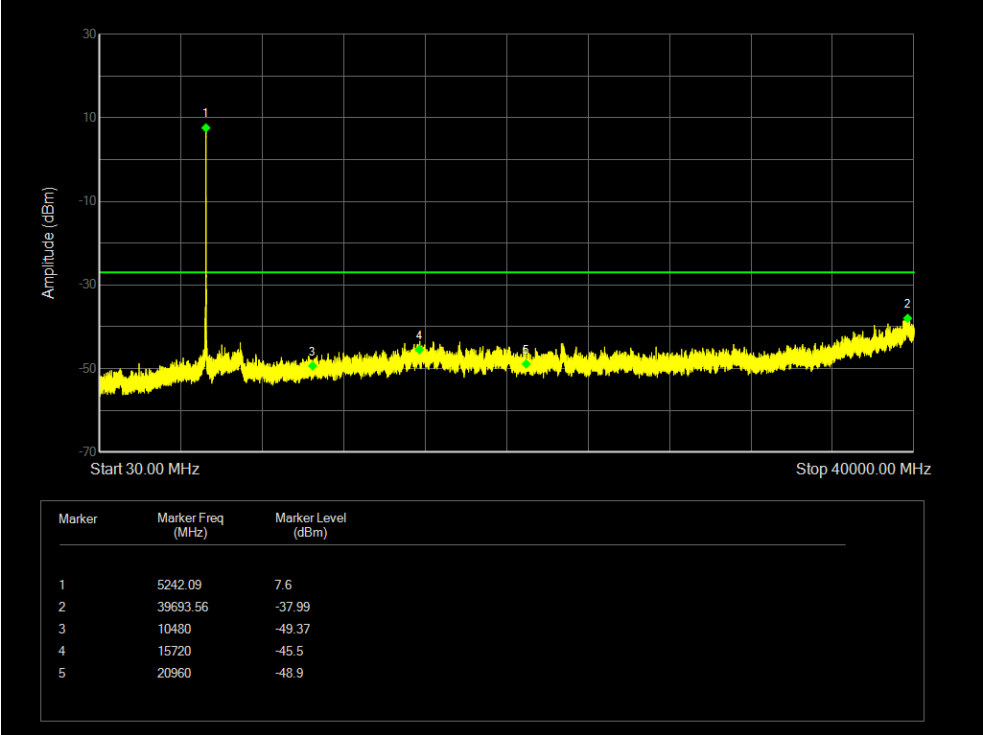
Tx. Spurious NVNT 802.11n(HT20) 5180MHz Ant1 Emission



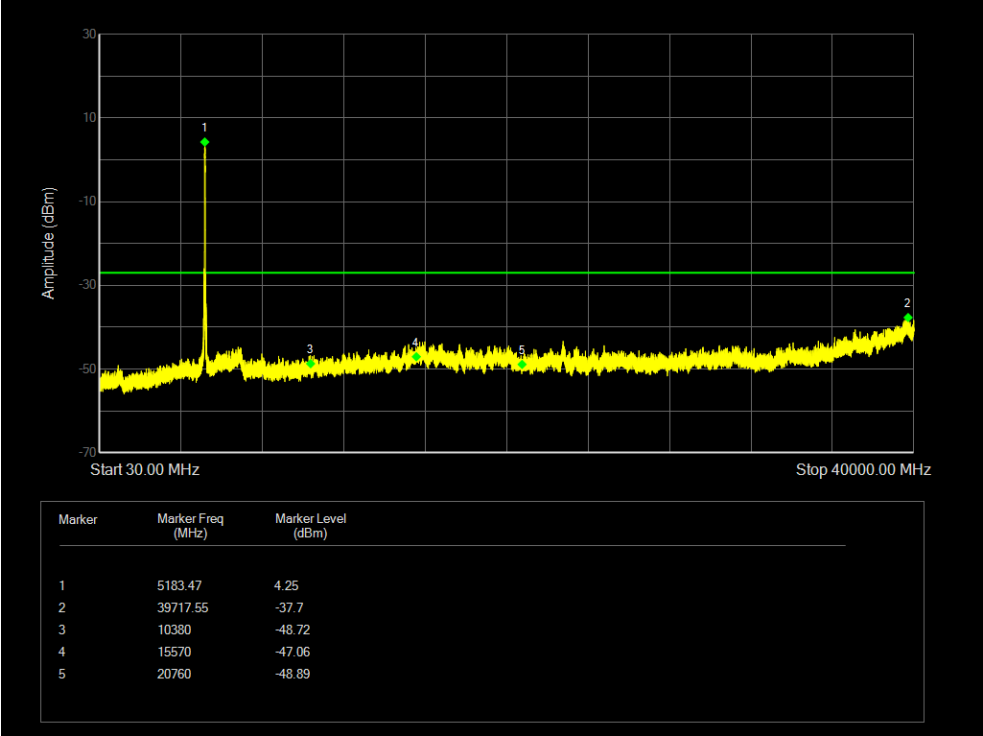
Tx. Spurious NVNT 802.11n(HT20) 5200MHz Ant1 Emission



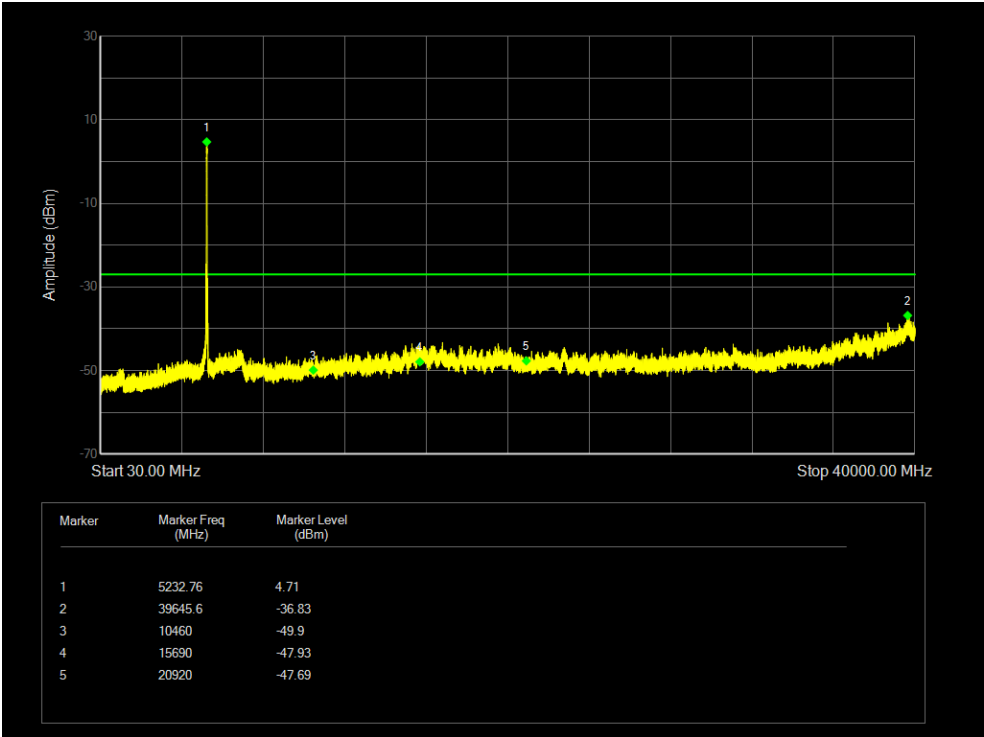
Tx. Spurious NVNT 802.11n(HT20) 5240MHz Ant1 Emission



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



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

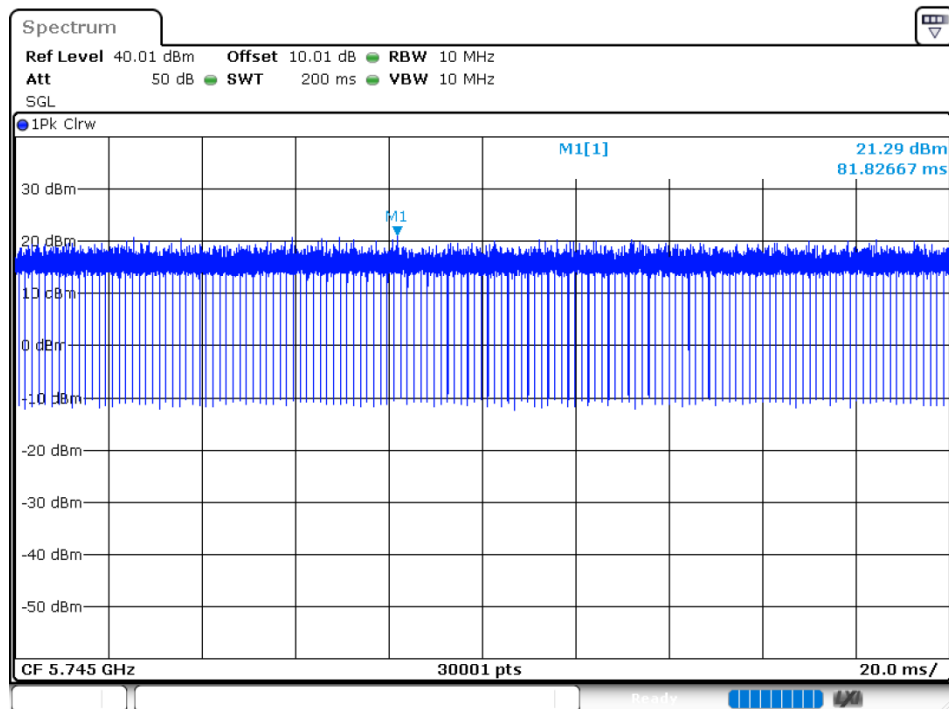


5.8G:

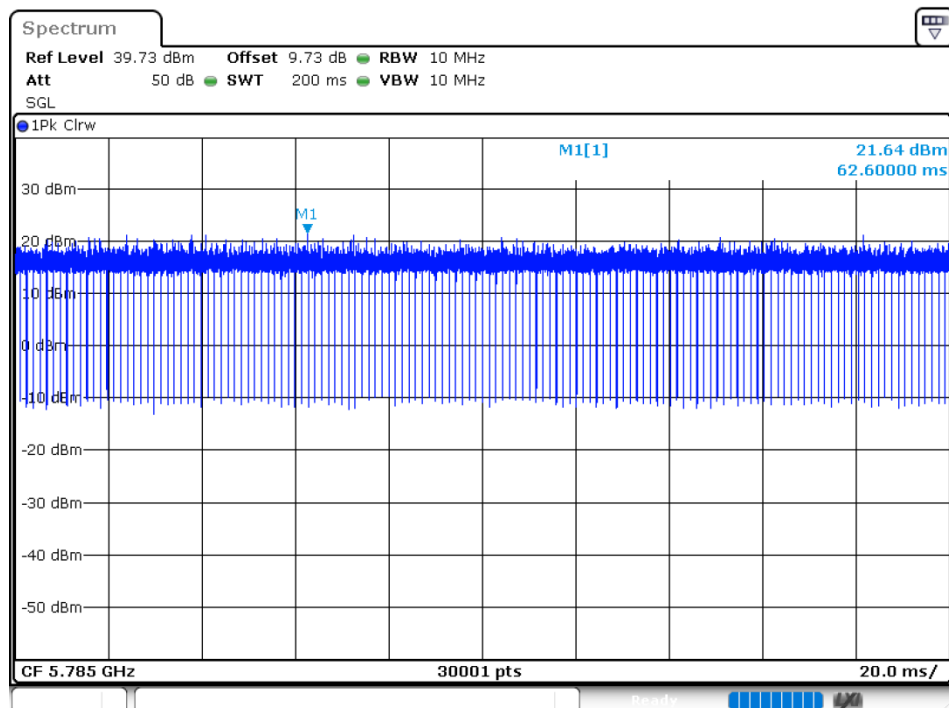
Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11a	5745	97.36	0.12
NVNT	802.11a	5785	97.36	0.12
NVNT	802.11a	5825	97.37	0.12
NVNT	802.11ac20	5745	97.22	0.12
NVNT	802.11ac20	5785	97.22	0.12
NVNT	802.11ac20	5825	97.19	0.12
NVNT	802.11ac40	5755	94.58	0.24
NVNT	802.11ac40	5795	94.69	0.24
NVNT	802.11ac80	5775	89.77	0.47
NVNT	802.11n(HT20)	5745	97.17	0.12
NVNT	802.11n(HT20)	5785	97.17	0.12
NVNT	802.11n(HT20)	5825	97.18	0.12
NVNT	802.11n(HT40)	5755	94.59	0.24
NVNT	802.11n(HT40)	5795	94.59	0.24

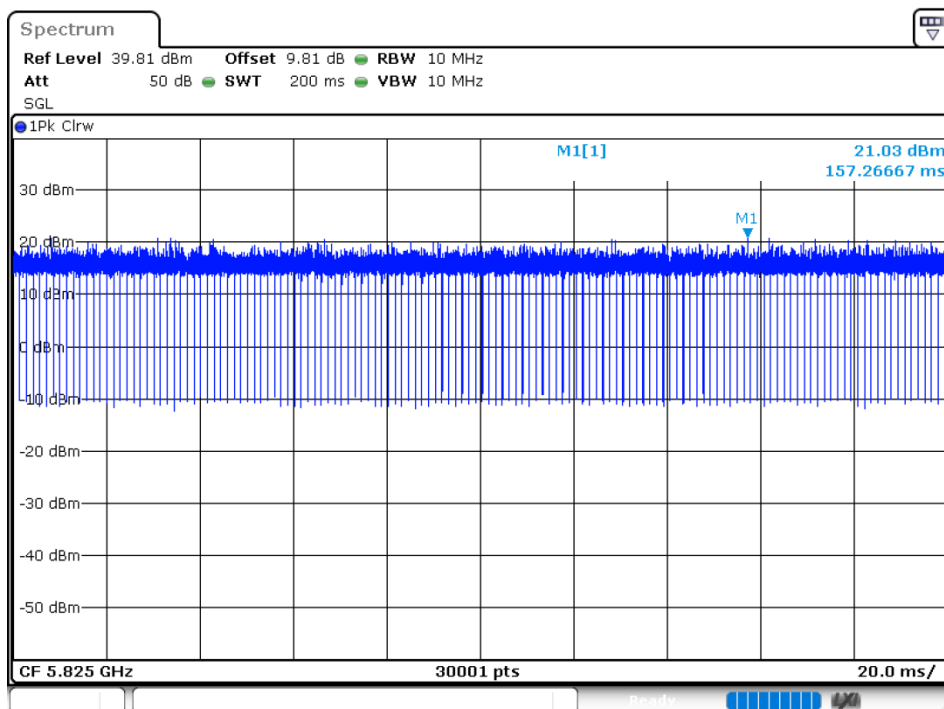
Duty Cycle NVNT 802.11a 5745MHz



Duty Cycle NVNT 802.11a 5785MHz



Duty Cycle NVNT 802.11a 5825MHz



Duty Cycle NVNT 802.11ac20 5745MHz

