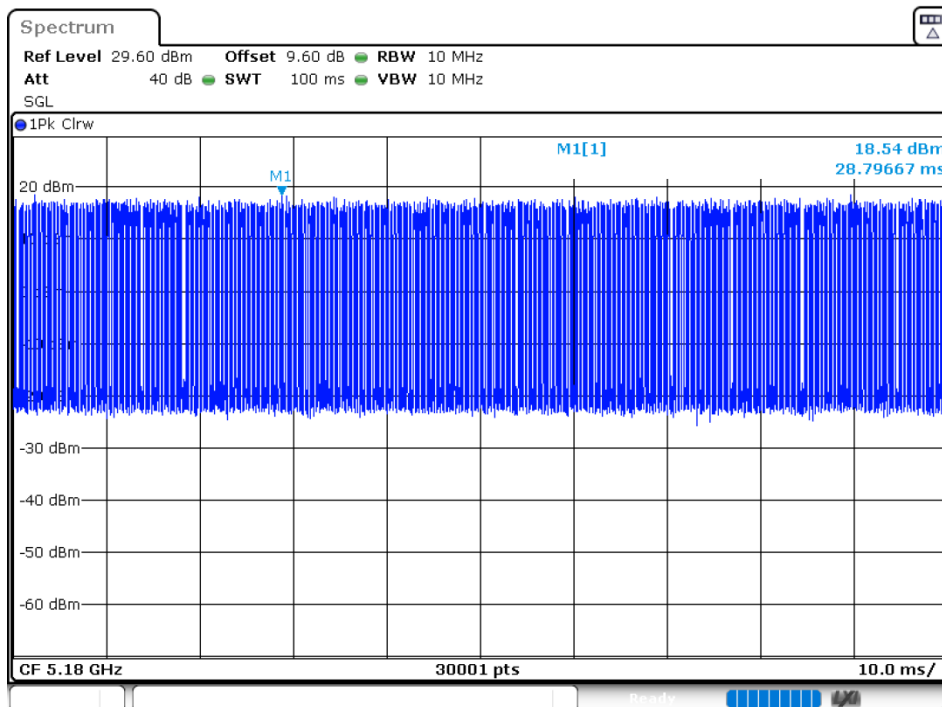


# 5.2G

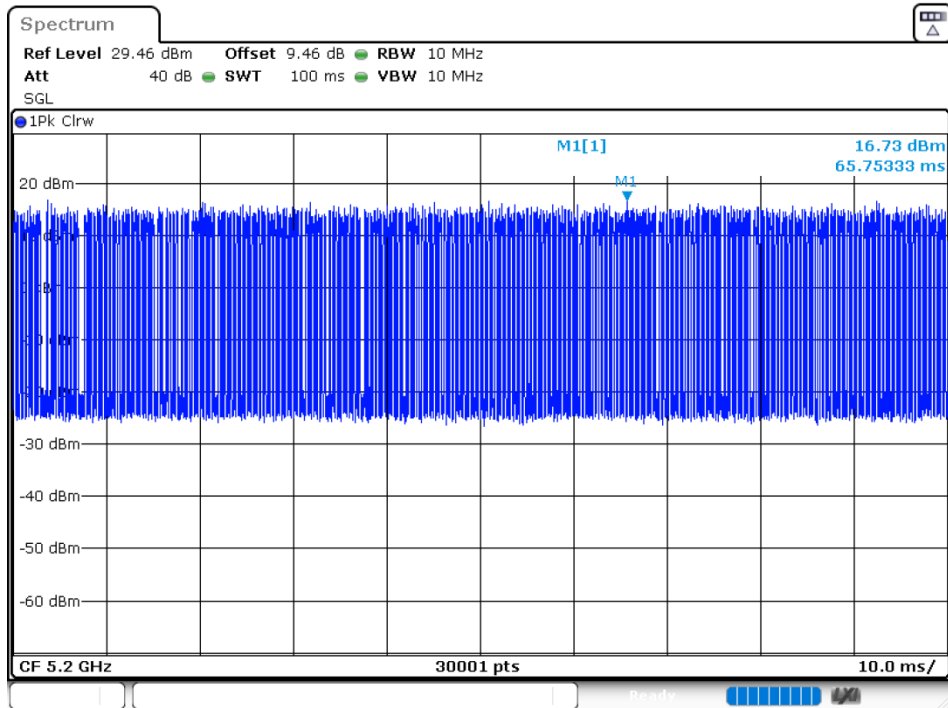
## Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11a	5180	52.48	2.8
NVNT	802.11a	5200	51.67	2.87
NVNT	802.11a	5240	52.74	2.78
NVNT	802.11ac20	5180	82.38	0.84
NVNT	802.11ac20	5200	64.46	1.91
NVNT	802.11ac20	5240	82.95	0.81
NVNT	802.11ac40	5190	63.74	1.96
NVNT	802.11ac40	5230	55.36	2.57
NVNT	802.11ac80	5210	51.69	2.87
NVNT	802.11n(HT20)	5180	51.55	2.88
NVNT	802.11n(HT20)	5200	52.16	2.83
NVNT	802.11n(HT20)	5240	52.17	2.83
NVNT	802.11n(HT40)	5190	66.07	1.8
NVNT	802.11n(HT40)	5230	66.76	1.75

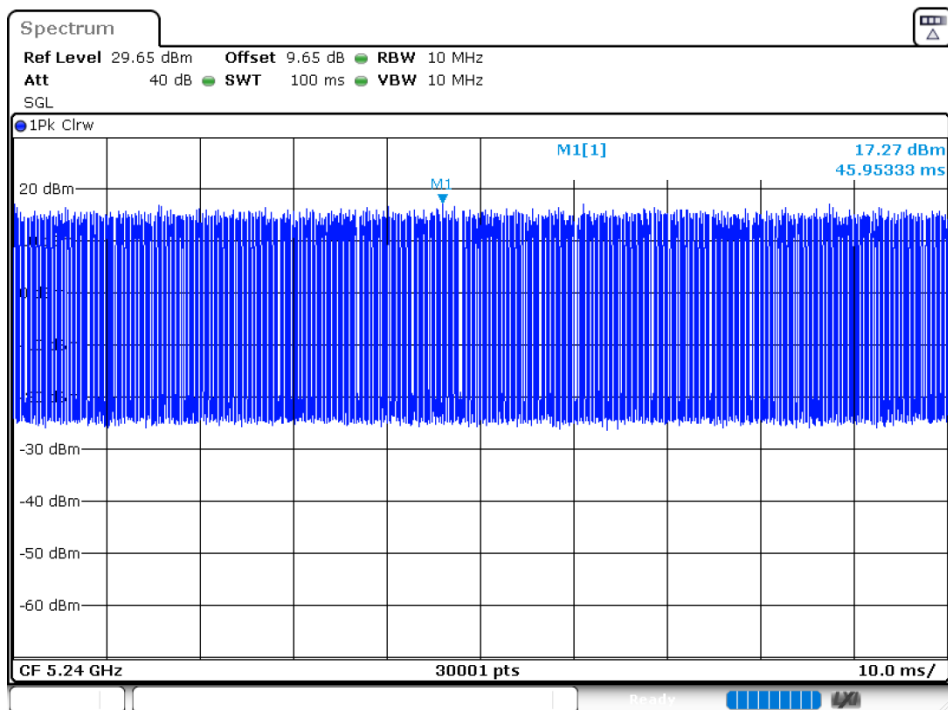
Duty Cycle NVNT 802.11a 5180MHz



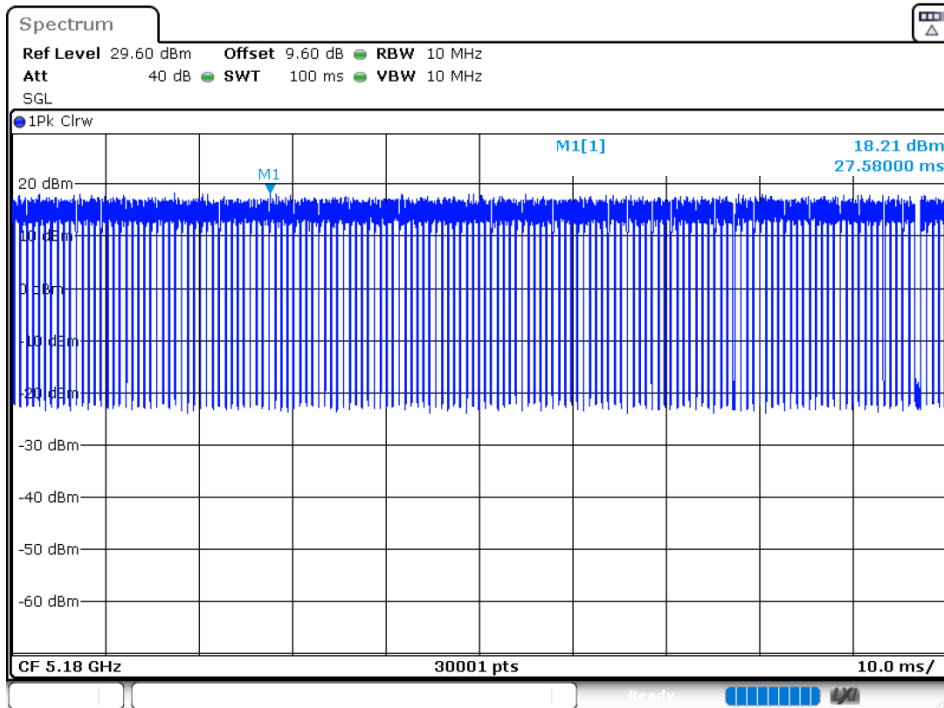
Duty Cycle NVNT 802.11a 5200MHz



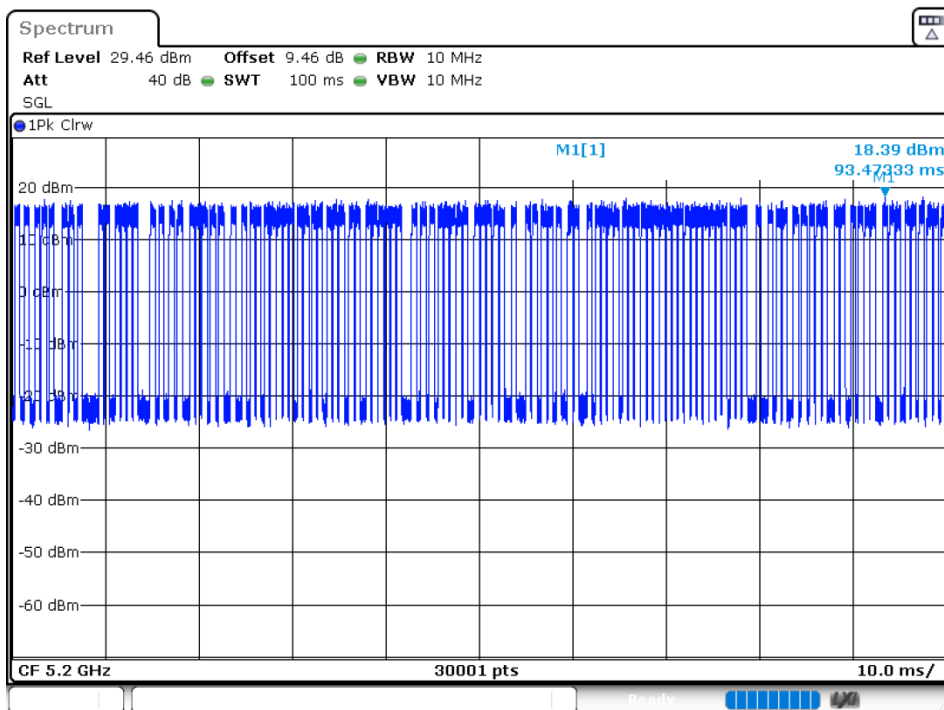
Duty Cycle NVNT 802.11a 5240MHz



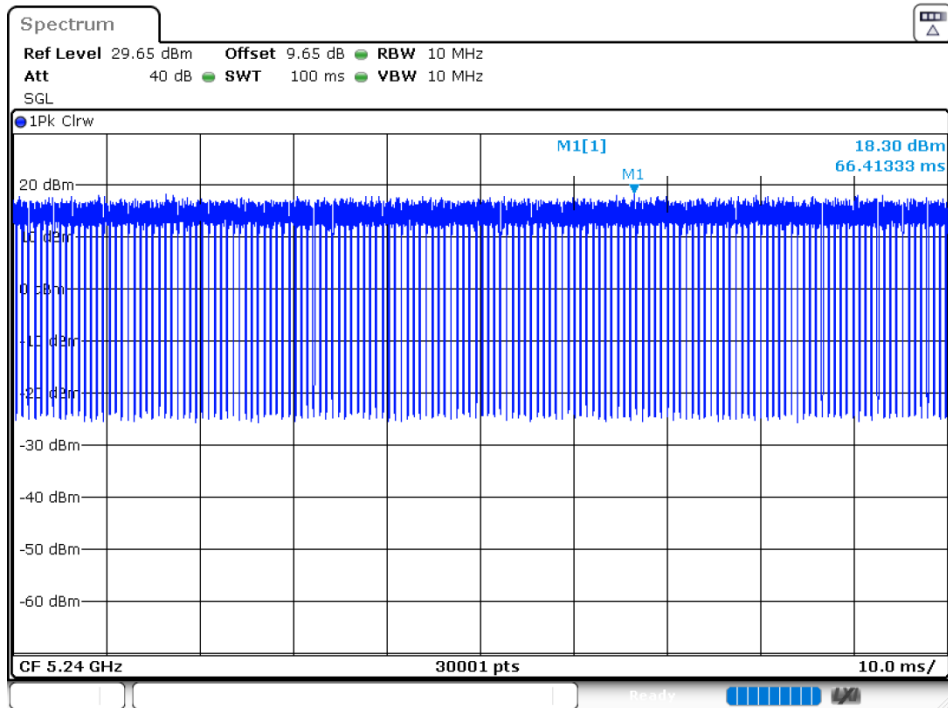
Duty Cycle NVNT 802.11ac20 5180MHz



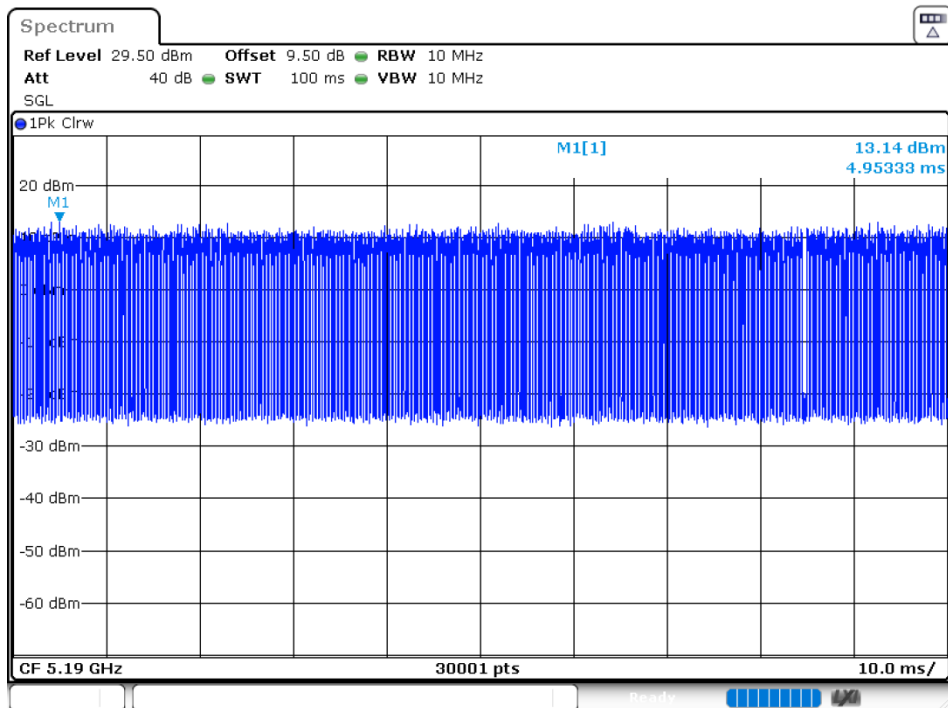
Duty Cycle NVNT 802.11ac20 5200MHz



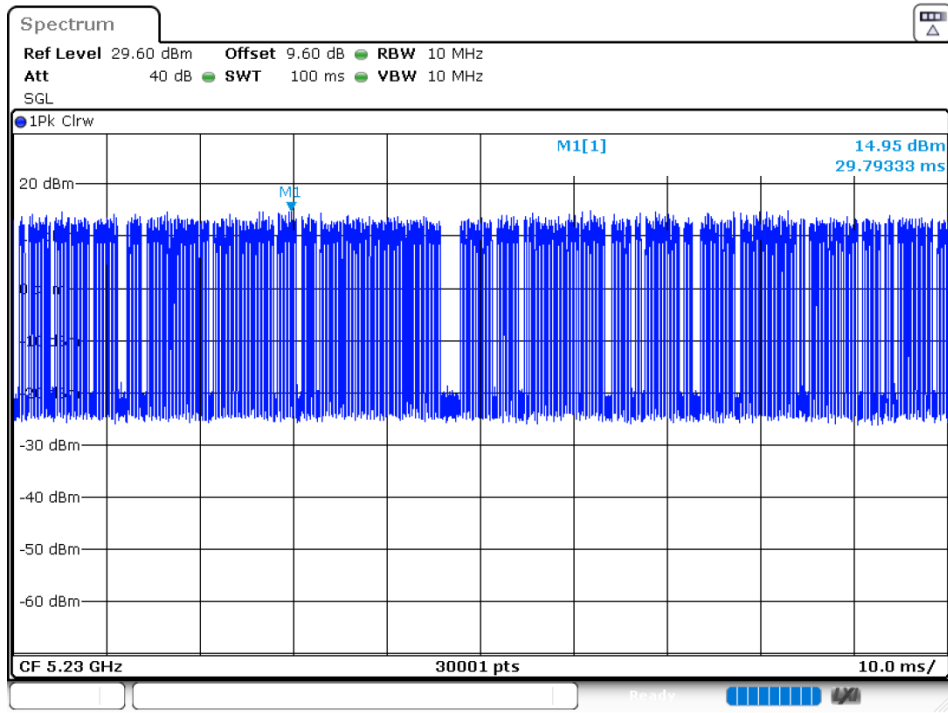
Duty Cycle NVNT 802.11ac20 5240MHz



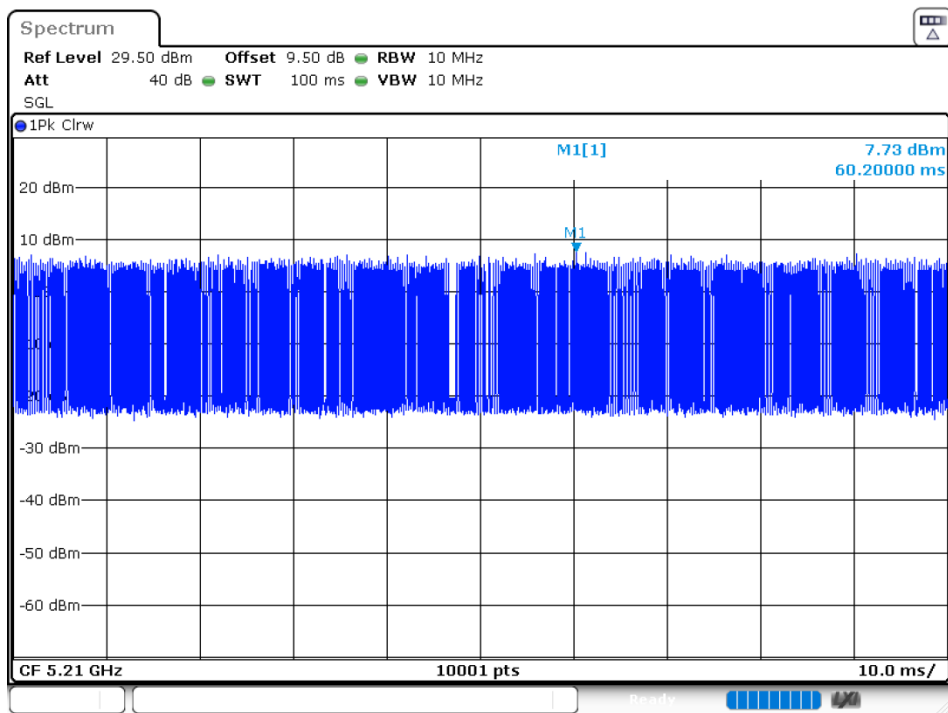
Duty Cycle NVNT 802.11ac40 5190MHz



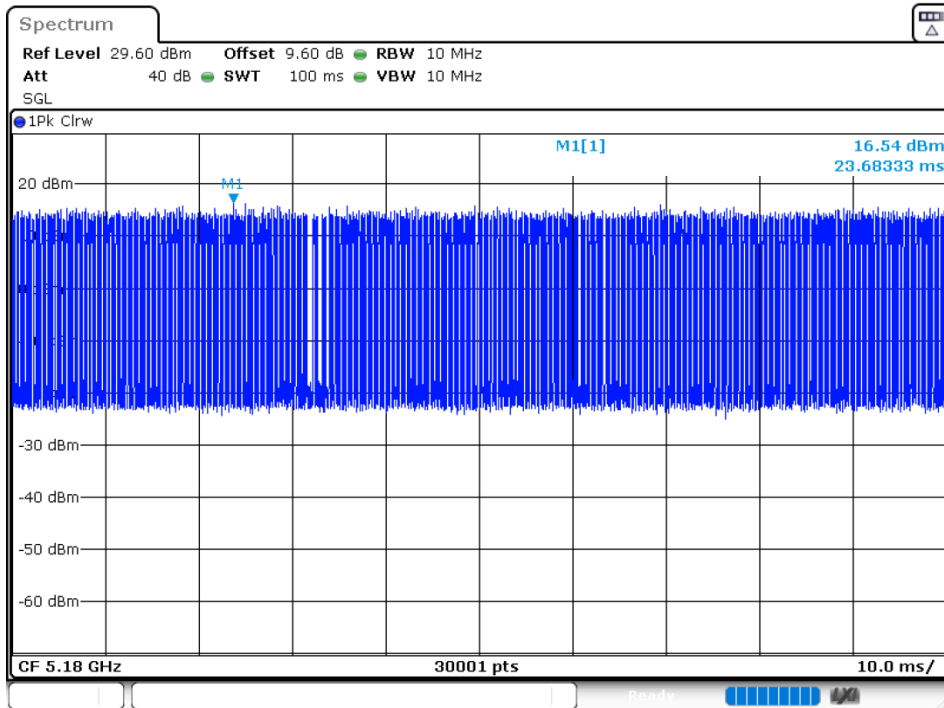
Duty Cycle NVNT 802.11ac40 5230MHz



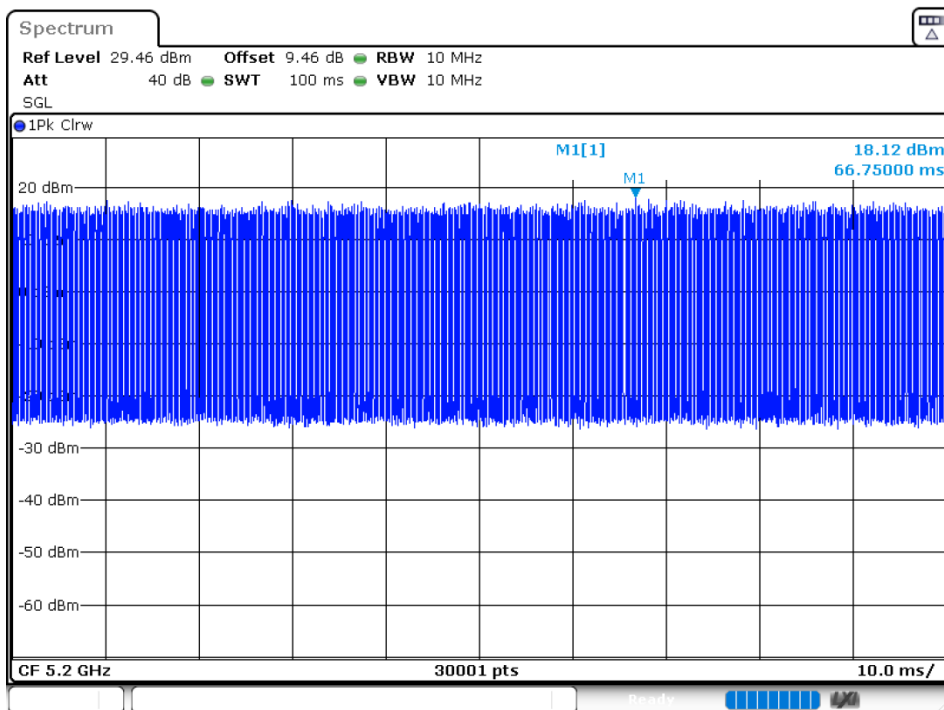
Duty Cycle NVNT 802.11ac80 5210MHz



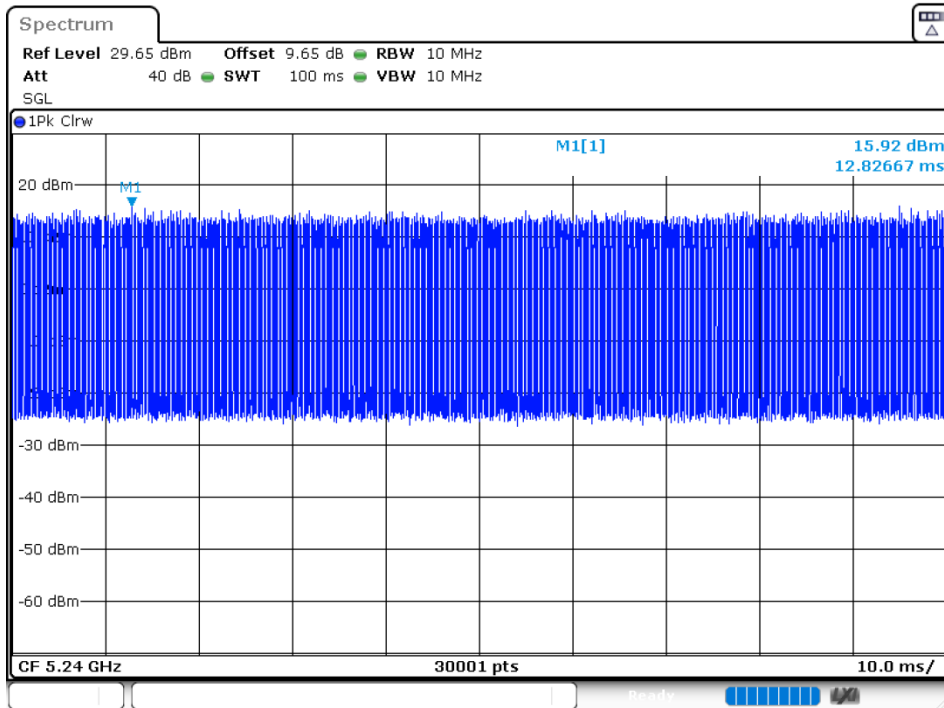
Duty Cycle NVNT 802.11n(HT20) 5180MHz



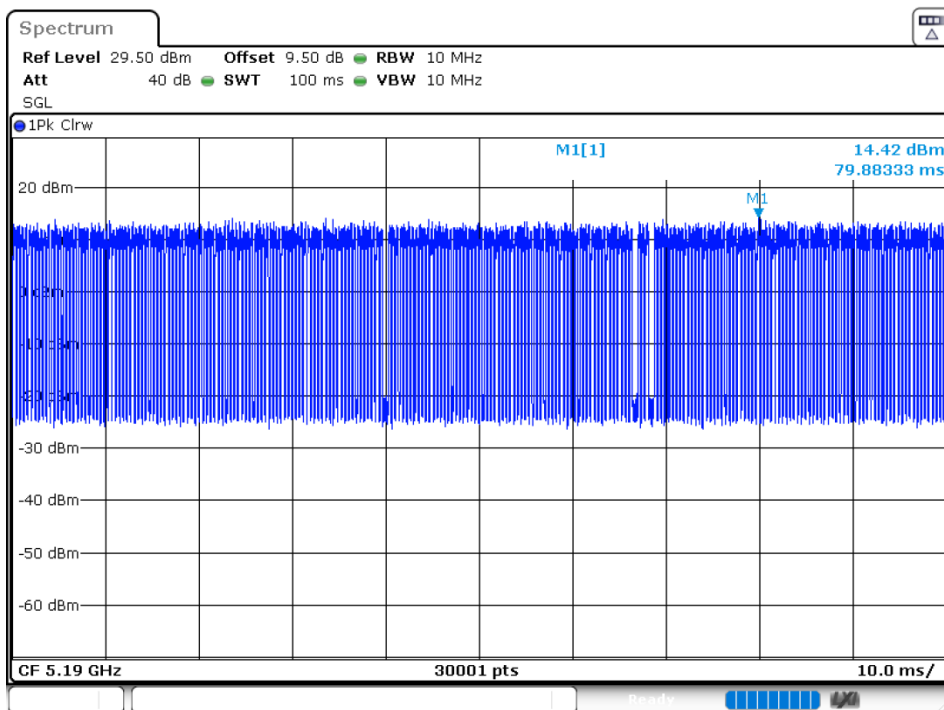
Duty Cycle NVNT 802.11n(HT20) 5200MHz



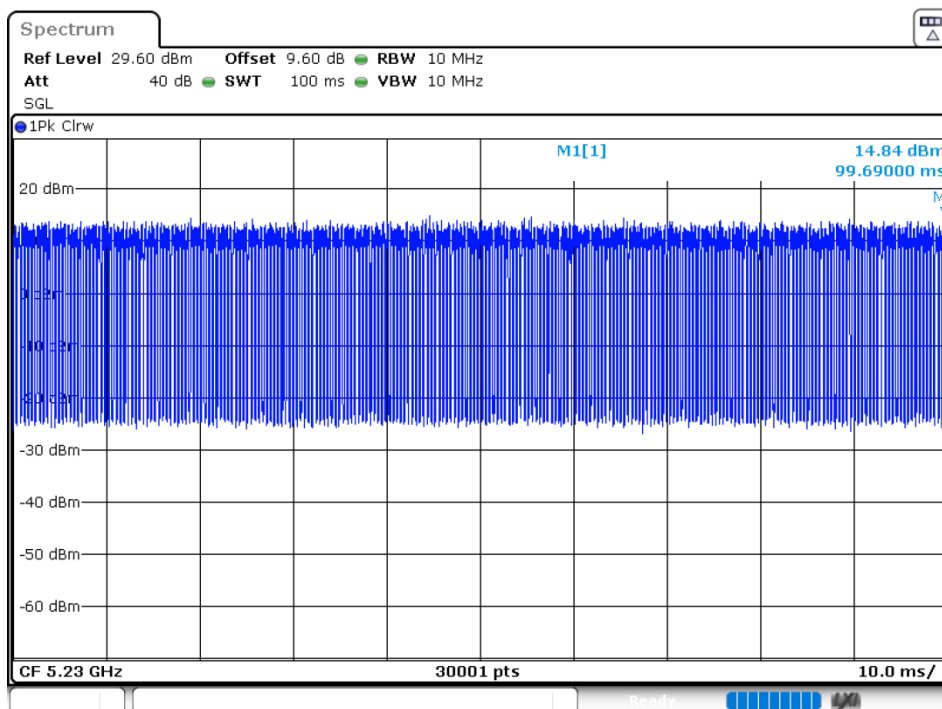
Duty Cycle NVNT 802.11n(HT20) 5240MHz



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	7.87	2.8	10.67	24	Pass
NVNT	802.11a	5200	Ant 1	7.18	2.87	10.05	24	Pass
NVNT	802.11a	5240	Ant 1	7.67	2.78	10.45	24	Pass
NVNT	802.11ac20	5180	Ant 1	9.54	0.84	10.38	24	Pass
NVNT	802.11ac20	5200	Ant 1	8	1.91	9.91	24	Pass
NVNT	802.11ac20	5240	Ant 1	8.99	0.81	9.8	24	Pass
NVNT	802.11ac40	5190	Ant 1	7.81	1.96	9.77	24	Pass
NVNT	802.11ac40	5230	Ant 1	8.31	2.57	10.88	24	Pass
NVNT	802.11ac80	5210	Ant 1	5.76	2.87	8.63	24	Pass
NVNT	802.11n(HT20)	5180	Ant 1	7.63	2.88	10.51	24	Pass
NVNT	802.11n(HT20)	5200	Ant 1	6.94	2.83	9.77	24	Pass
NVNT	802.11n(HT20)	5240	Ant 1	6.31	2.83	9.14	24	Pass
NVNT	802.11n(HT40)	5190	Ant 1	8.2	1.8	10	24	Pass
NVNT	802.11n(HT40)	5230	Ant 1	8.27	1.75	10.02	24	Pass

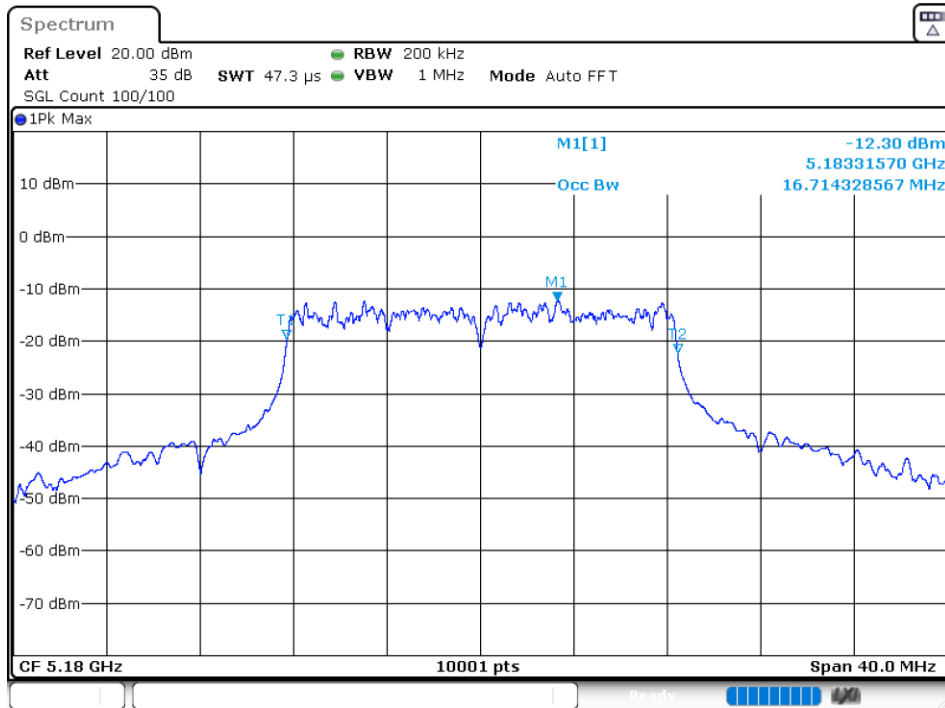
**Occupied Channel Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5180	Ant 1	16.7143	22.912	Pass
NVNT	802.11a	5200	Ant 1	16.6623	23.1	Pass
NVNT	802.11a	5240	Ant 1	16.4904	23.448	Pass
NVNT	802.11ac20	5180	Ant 1	17.8662	24.988	Pass
NVNT	802.11ac20	5200	Ant 1	17.9822	27.336	Pass
NVNT	802.11ac20	5240	Ant 1	17.8302	25.128	Pass

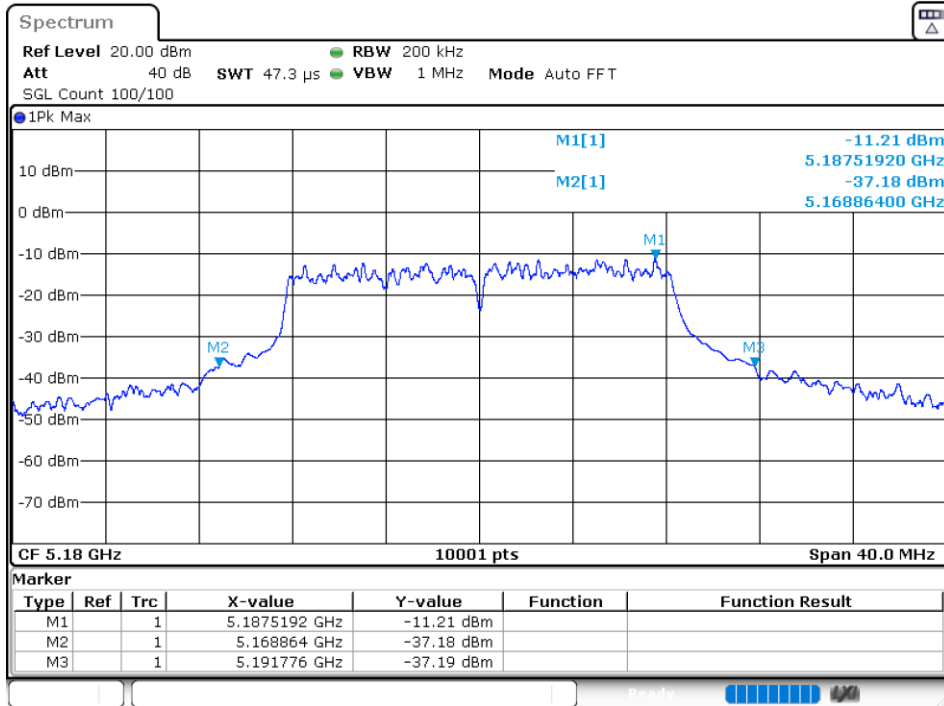


NVNT	802.11ac40	5190	Ant 1	37.1563	54.28	Pass
NVNT	802.11ac40	5230	Ant 1	36.3564	50.136	Pass
NVNT	802.11ac80	5210	Ant 1	76.7443	86.4	Pass
NVNT	802.11n(HT20)	5180	Ant 1	17.8342	23.016	Pass
NVNT	802.11n(HT20)	5200	Ant 1	17.9022	23.152	Pass
NVNT	802.11n(HT20)	5240	Ant 1	17.8102	23.496	Pass
NVNT	802.11n(HT40)	5190	Ant 1	37.9402	54.632	Pass
NVNT	802.11n(HT40)	5230	Ant 1	36.8683	51.2	Pass

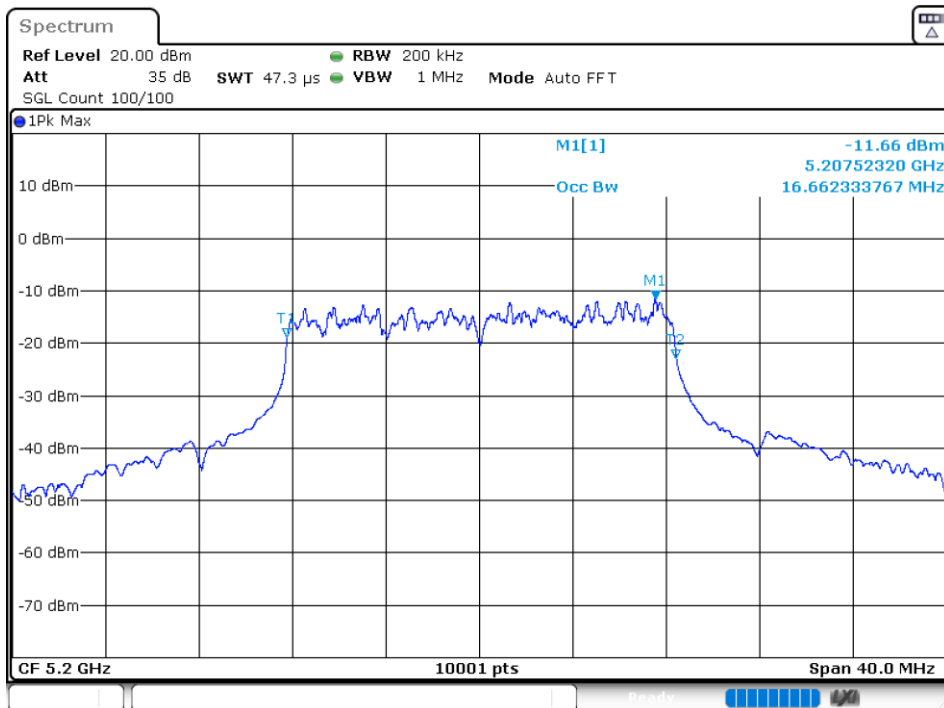
OBW NVNT 802.11a 5180MHz Ant1



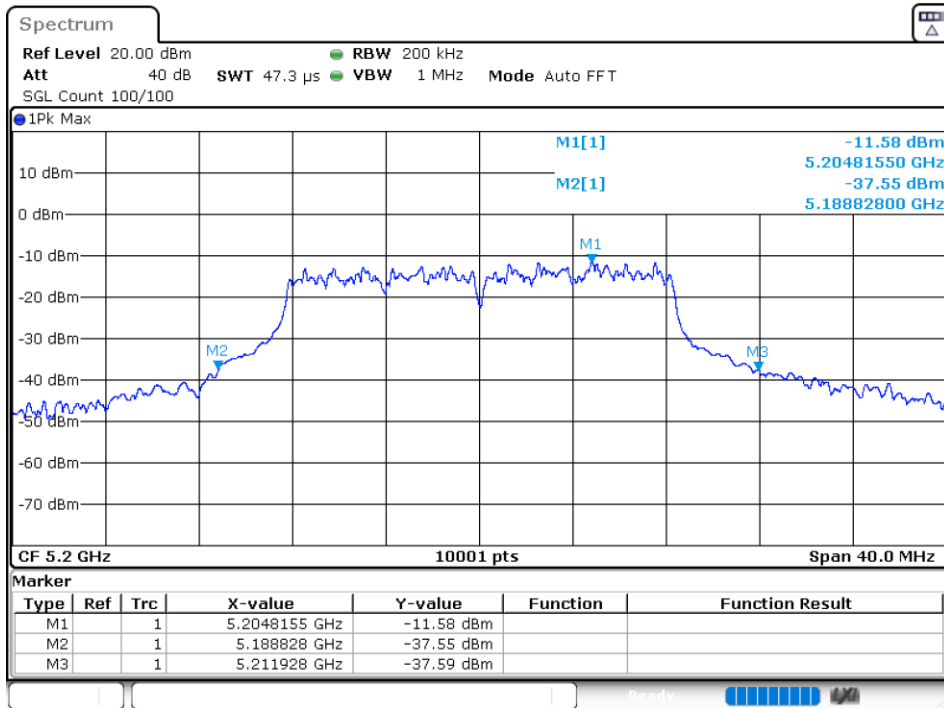
-26 dB BW NVNT 802.11a 5180MHz Ant1



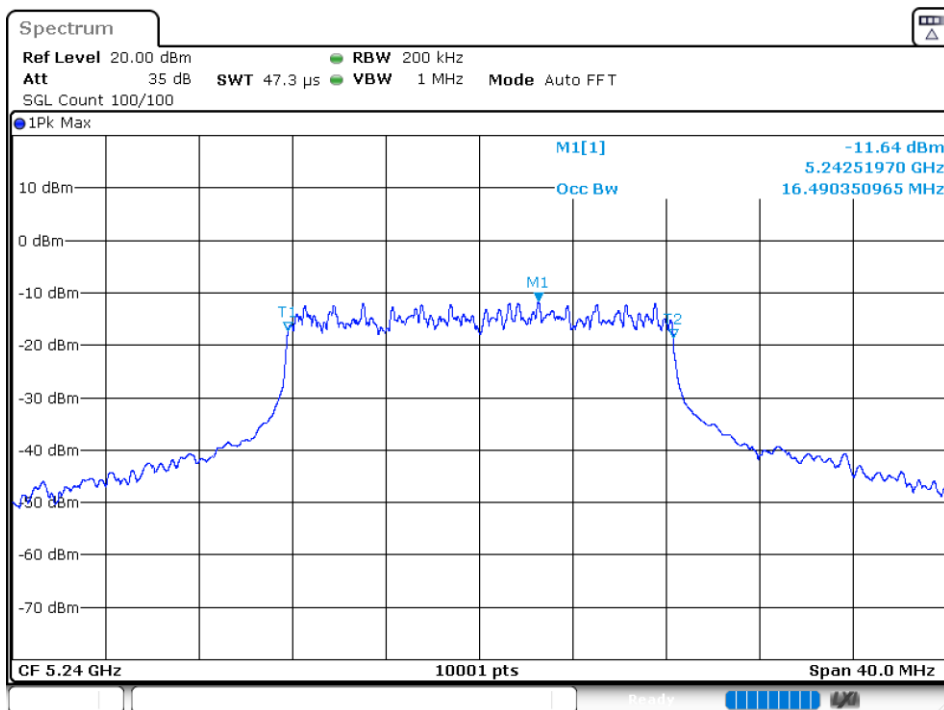
OBW NVNT 802.11a 5200MHz Ant1



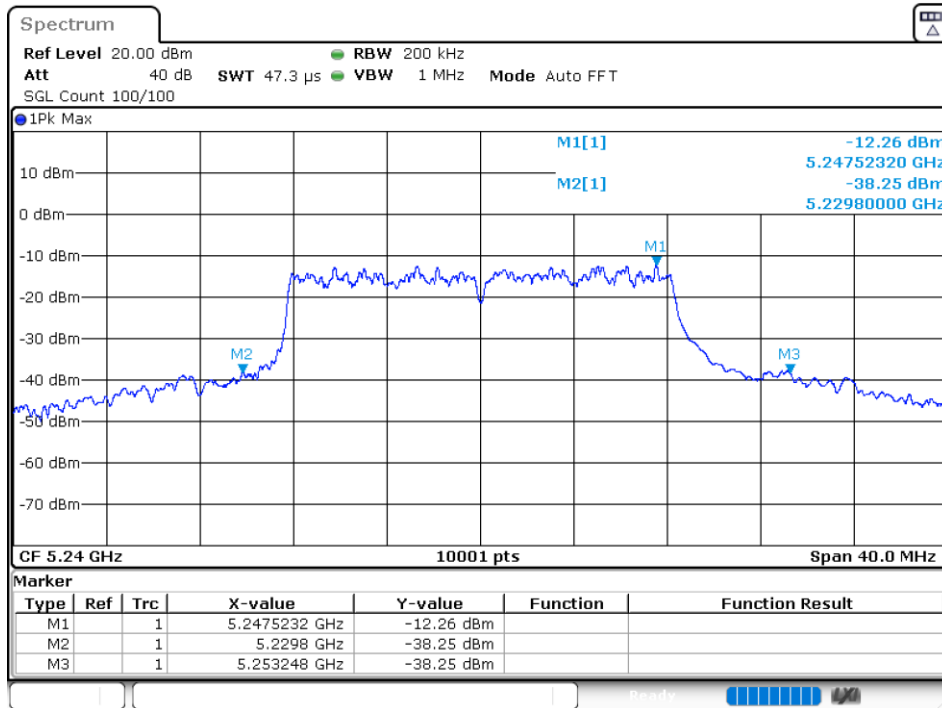
-26 dB BW NVNT 802.11a 5200MHz Ant1



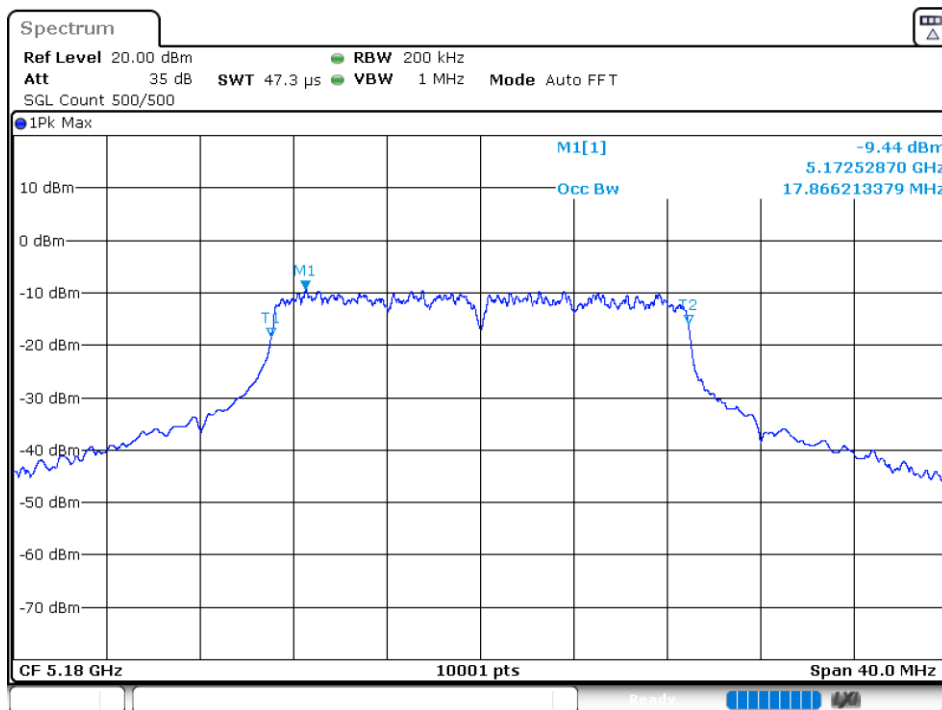
OBW NVNT 802.11a 5240MHz Ant1



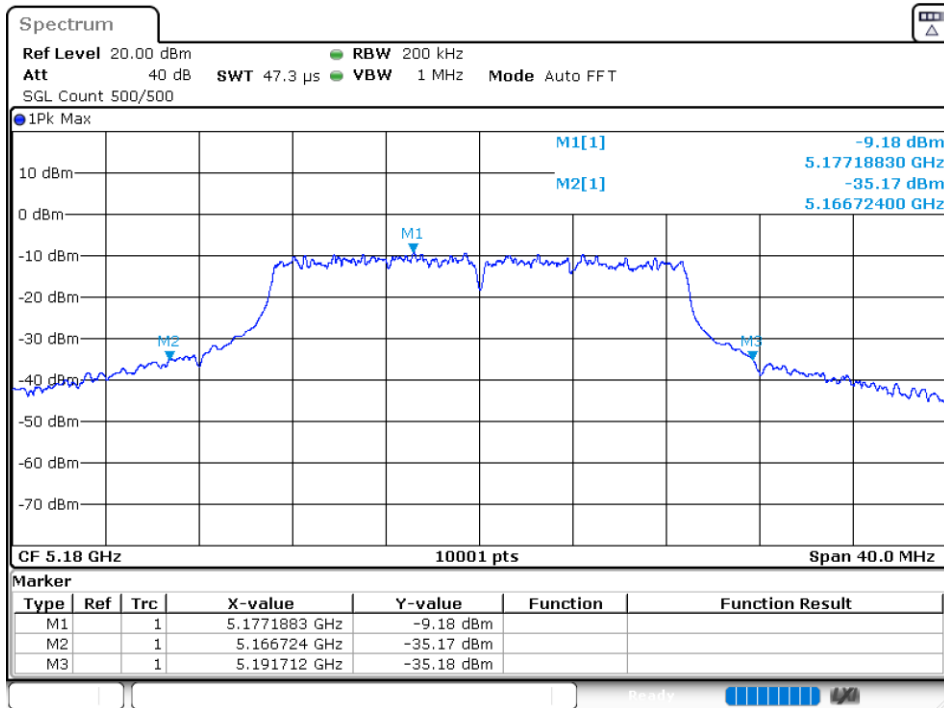
-26 dB BW NVNT 802.11a 5240MHz Ant1



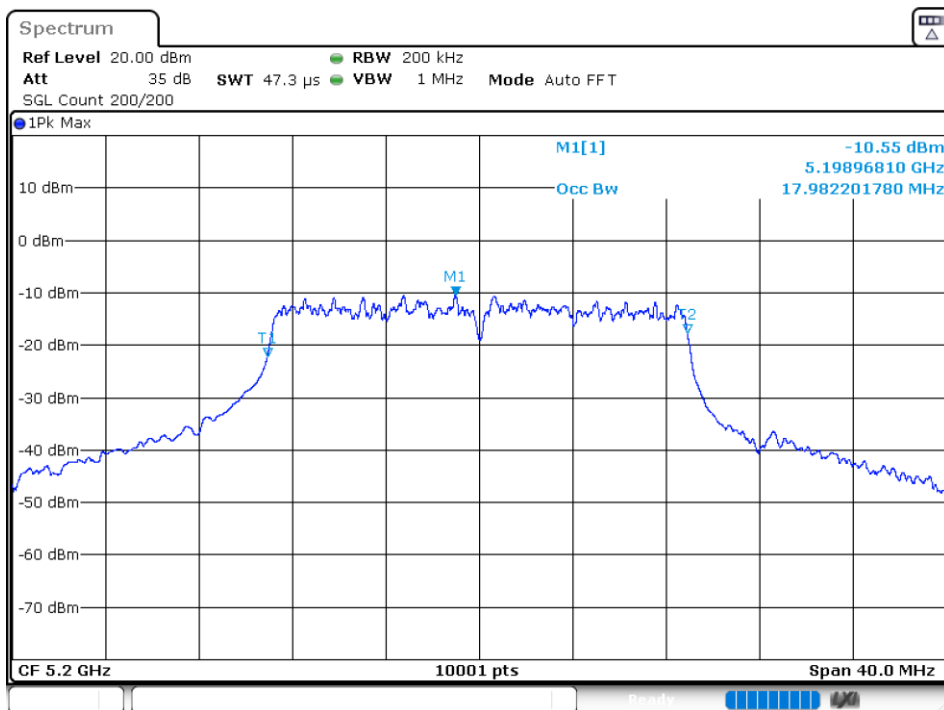
OBW NVNT 802.11ac20 5180MHz Ant1



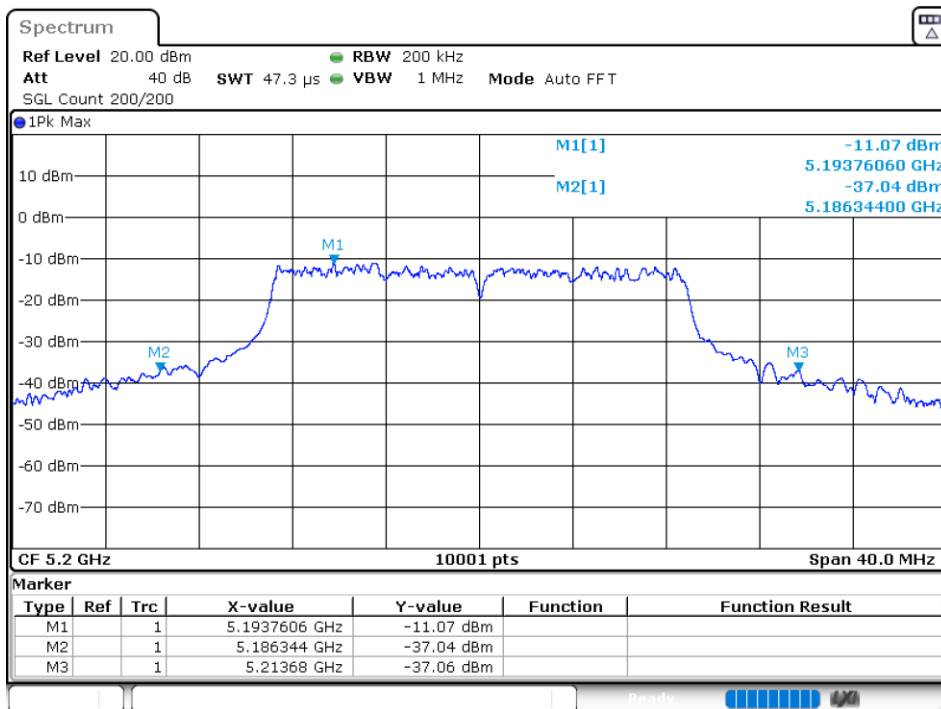
-26 dB BW NVNT 802.11ac20 5180MHz Ant1



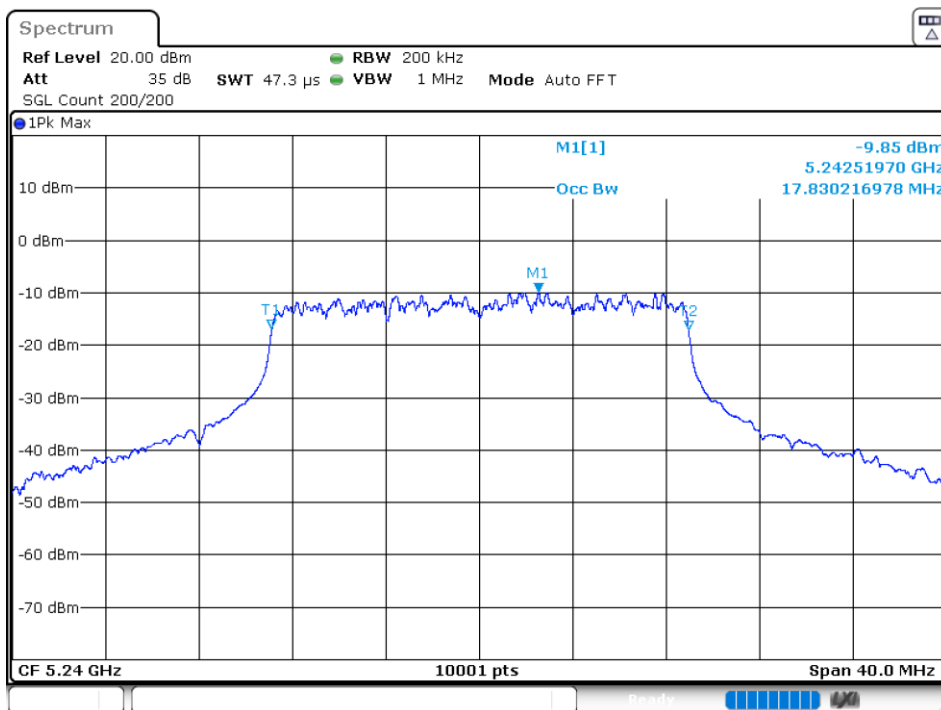
OBW NVNT 802.11ac20 5200MHz Ant1



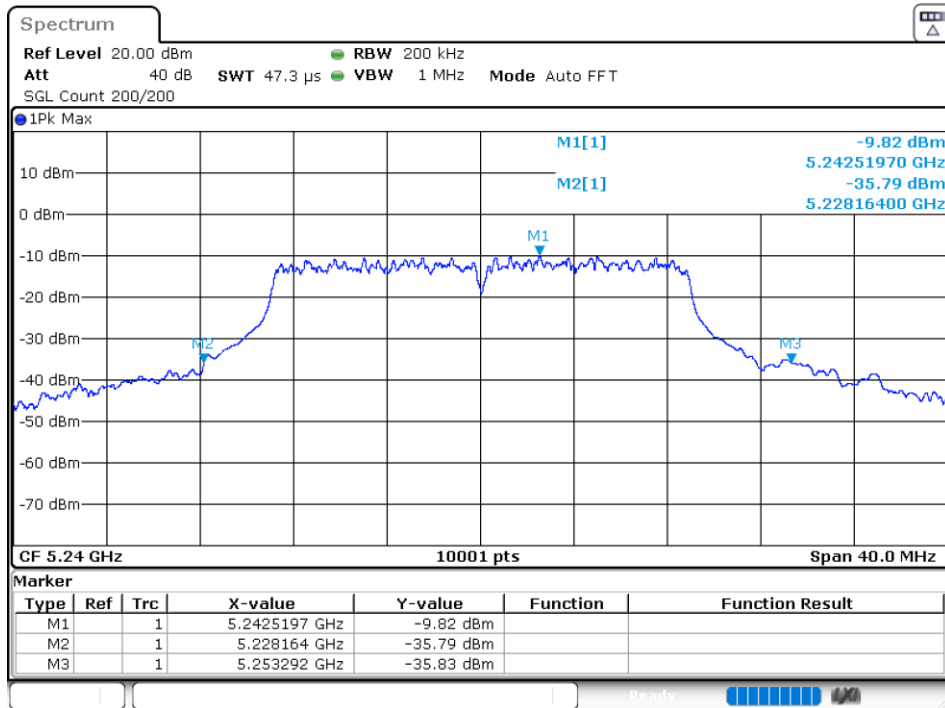
-26 dB BW NVNT 802.11ac20 5200MHz Ant1



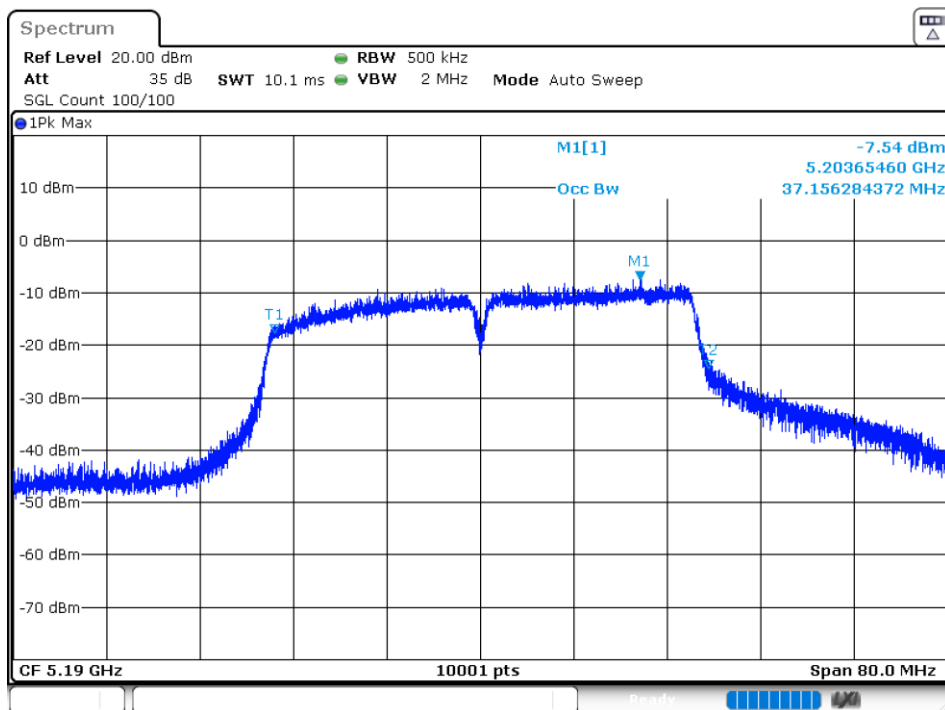
OBW NVNT 802.11ac20 5240MHz Ant1



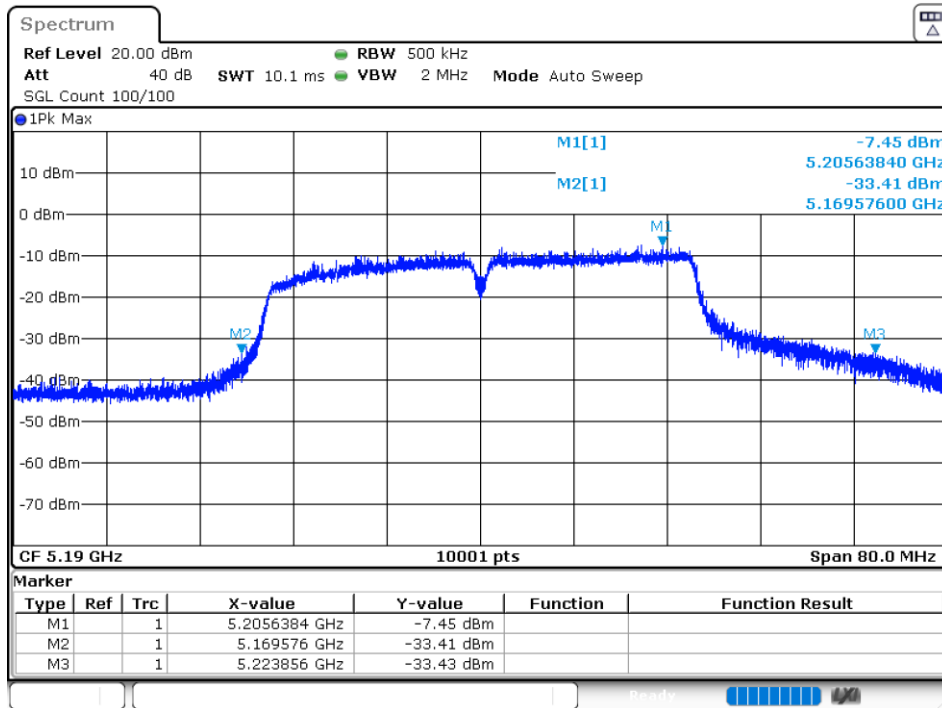
-26 dB BW NVNT 802.11ac20 5240MHz Ant1



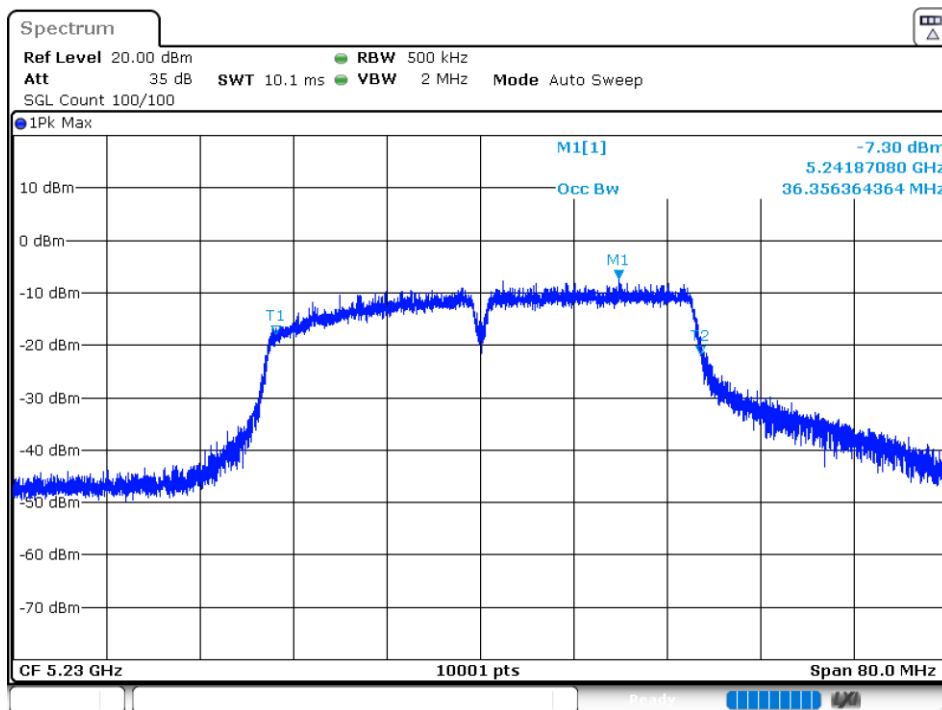
OBW NVNT 802.11ac40 5190MHz Ant1



-26 dB BW NVNT 802.11ac40 5190MHz Ant1

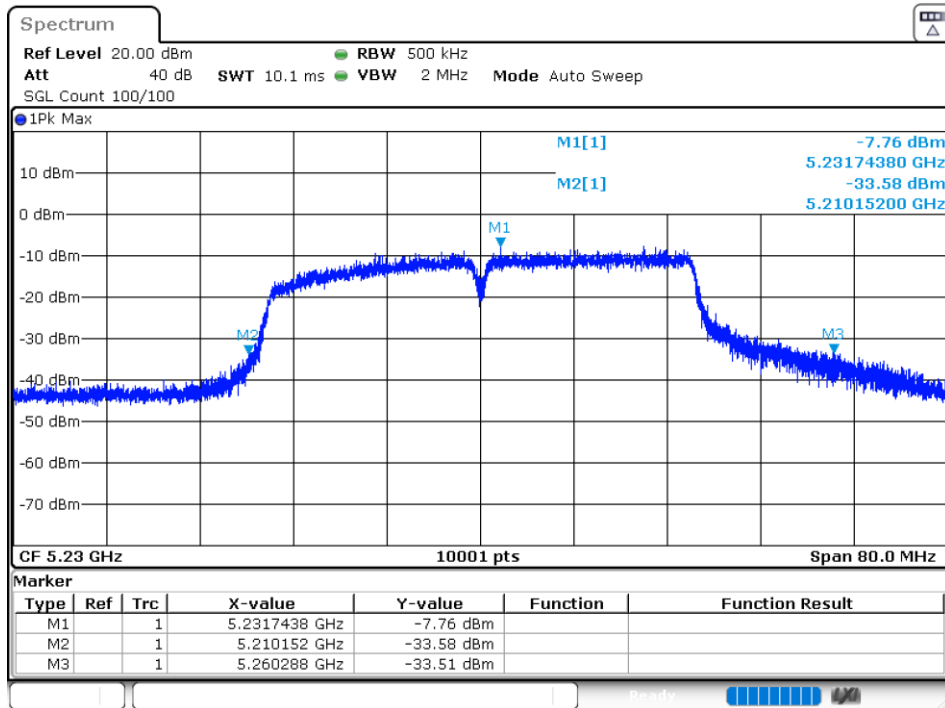


OBW NVNT 802.11ac40 5230MHz Ant1

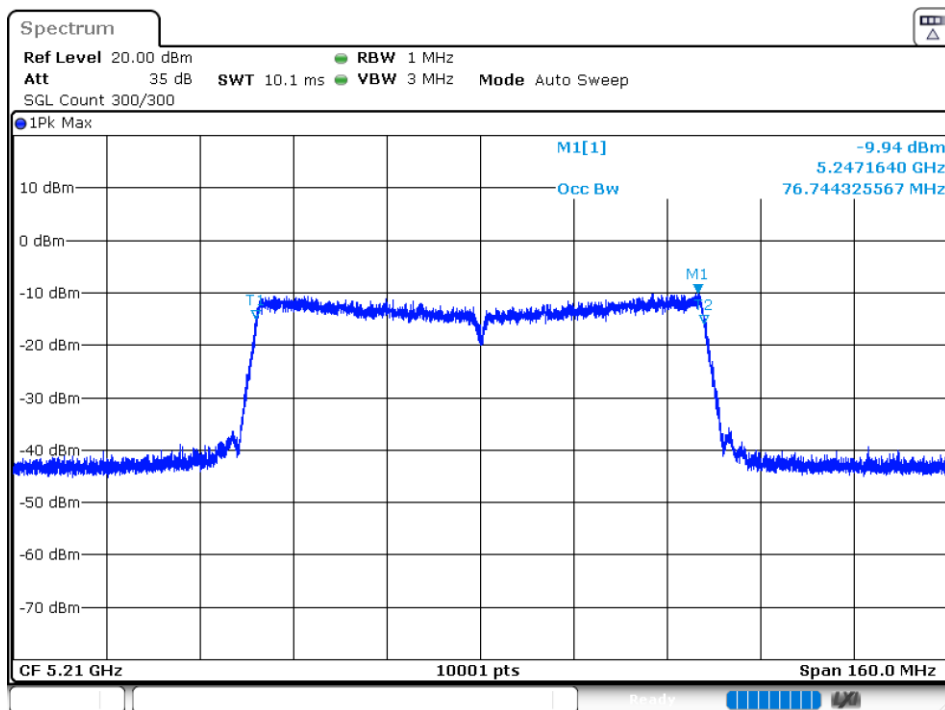


-26 dB BW NVNT 802.11ac40 5230MHz Ant1

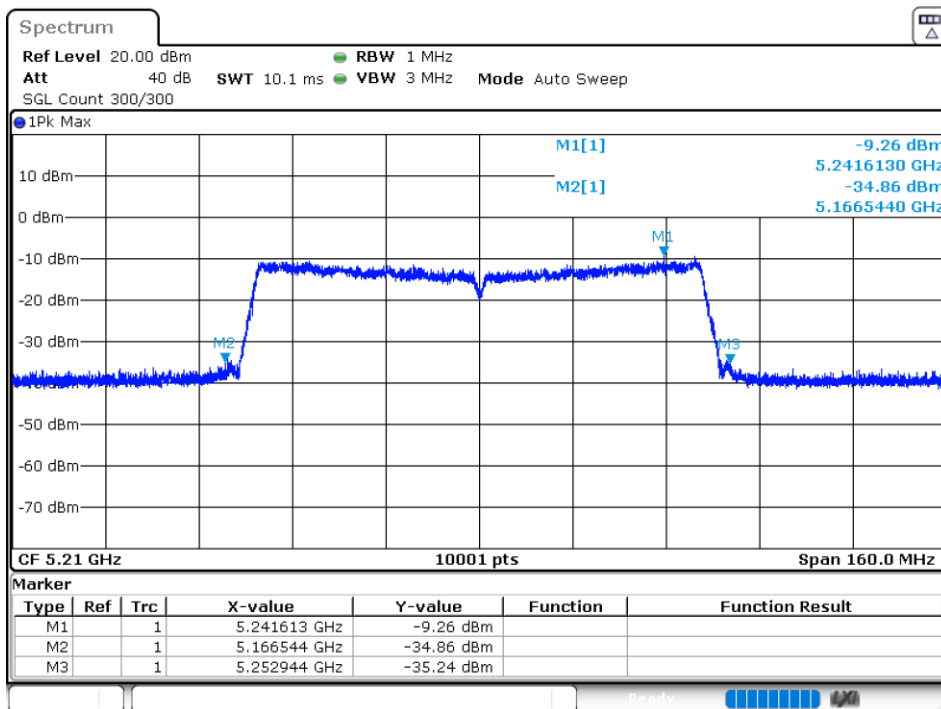




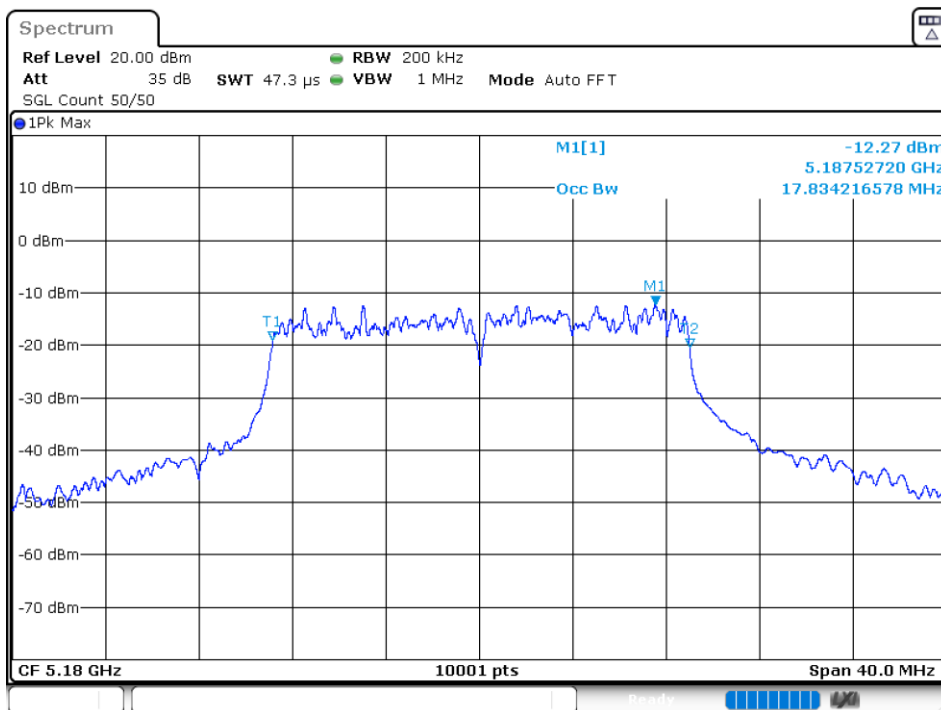
OBW NVNT 802.11ac80 5210MHz Ant1



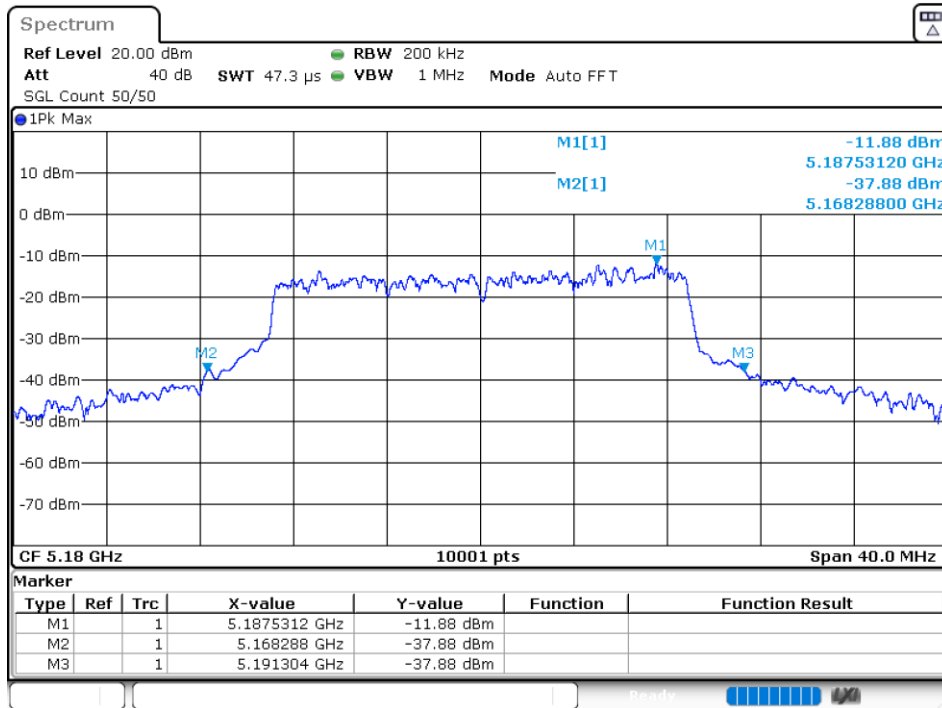
-26 dB BW NVNT 802.11ac80 5210MHz Ant1



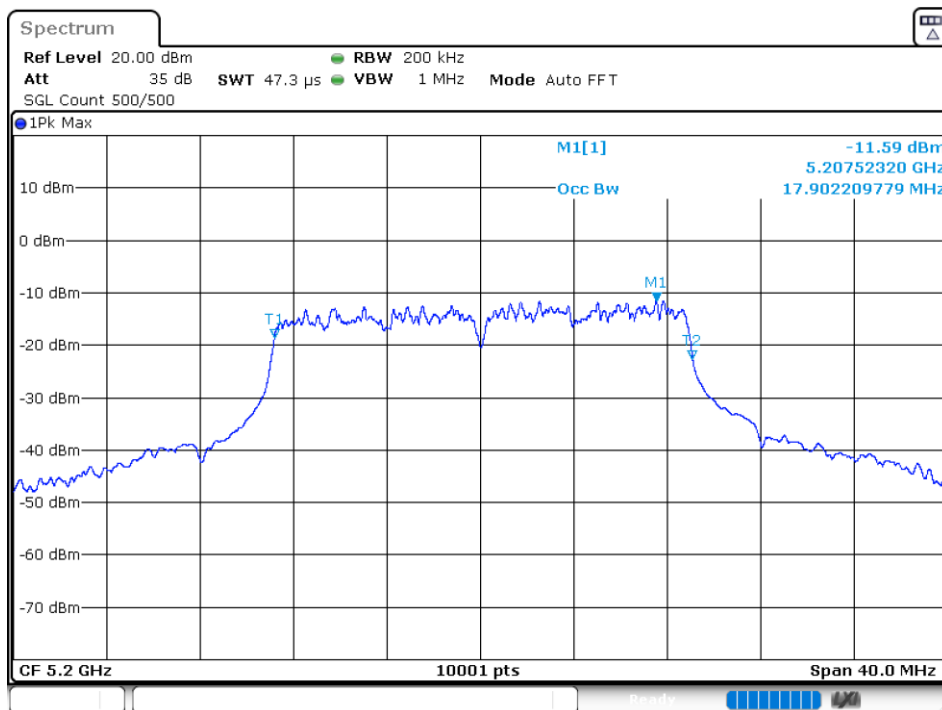
OBW NVNT 802.11n(HT20) 5180MHz Ant1



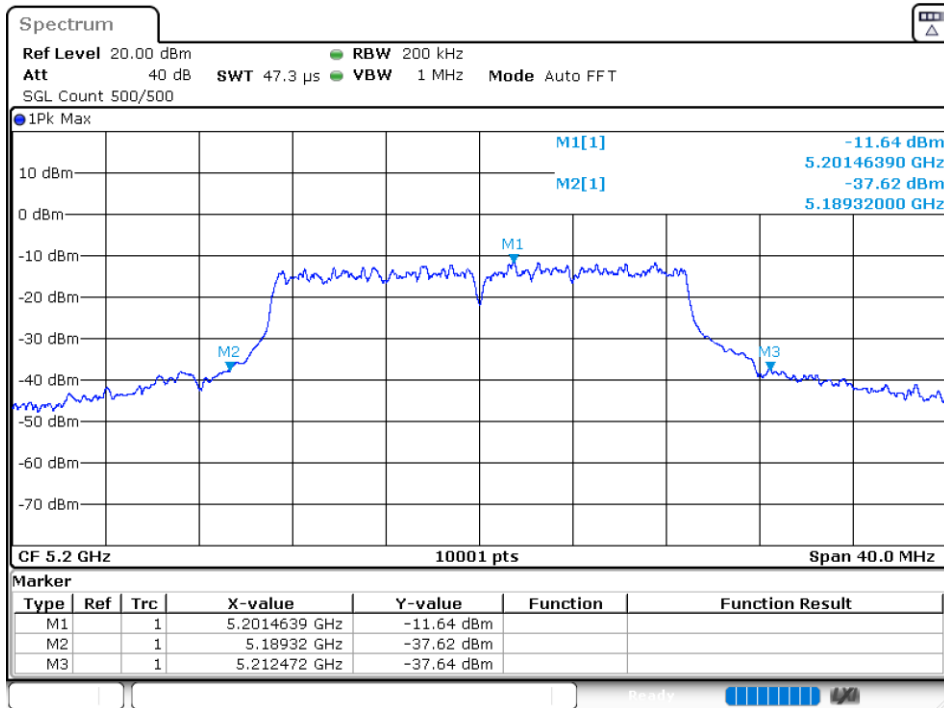
-26 dB BW NVNT 802.11n(HT20) 5180MHz Ant1



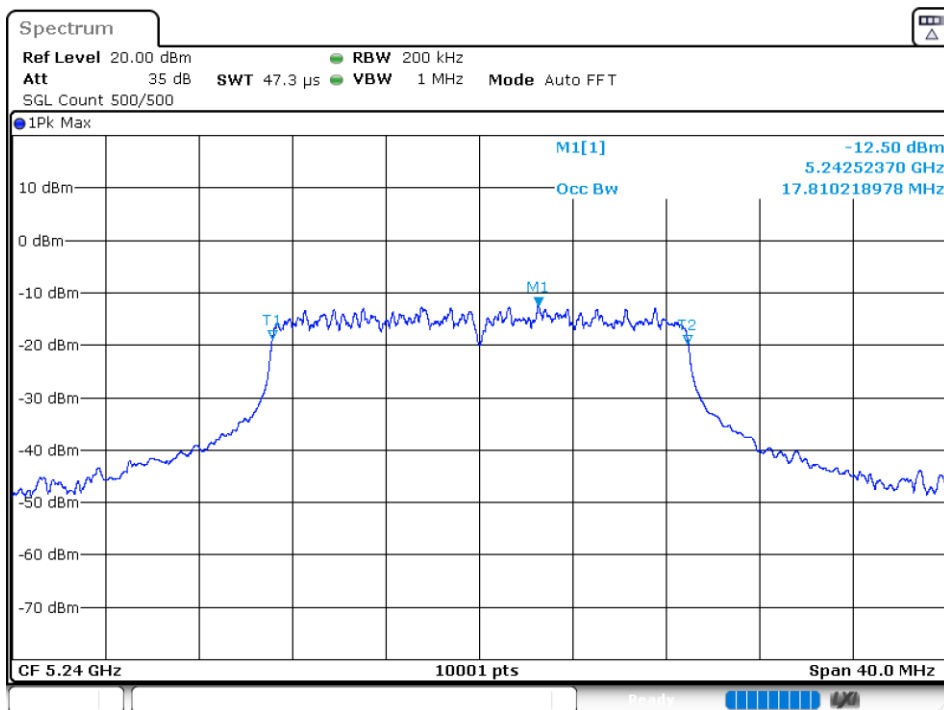
OBW NVNT 802.11n(HT20) 5200MHz Ant1



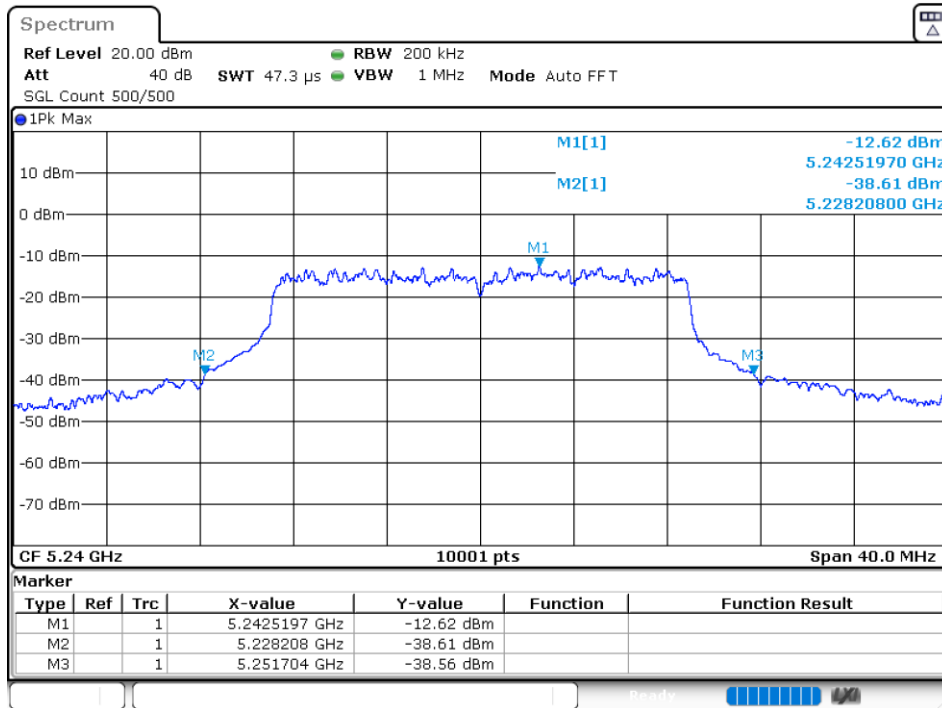
-26 dB BW NVNT 802.11n(HT20) 5200MHz Ant1



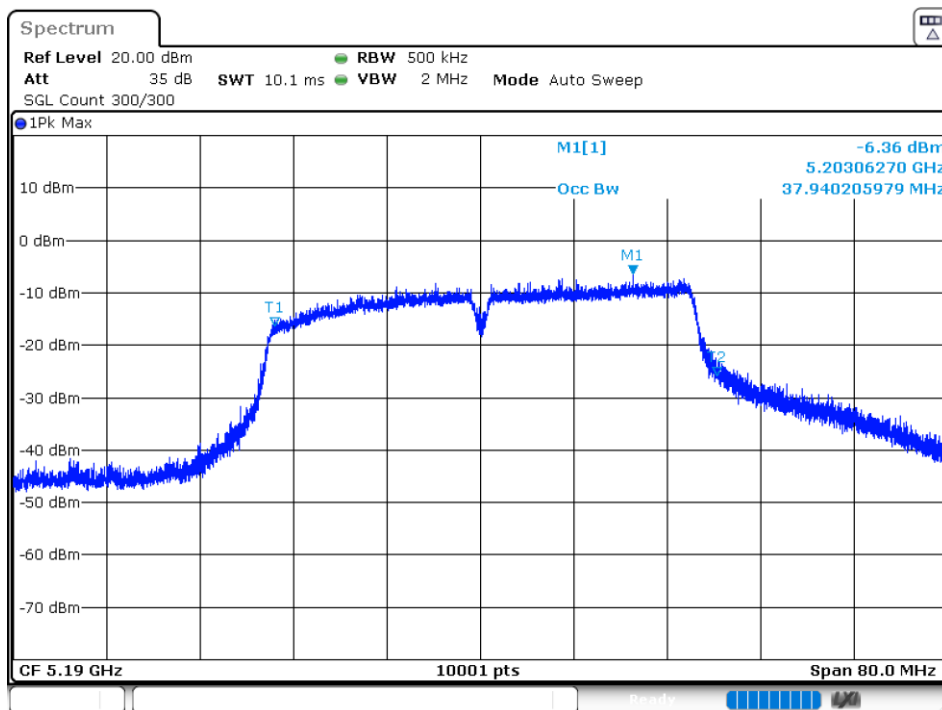
OBW NVNT 802.11n(HT20) 5240MHz Ant1



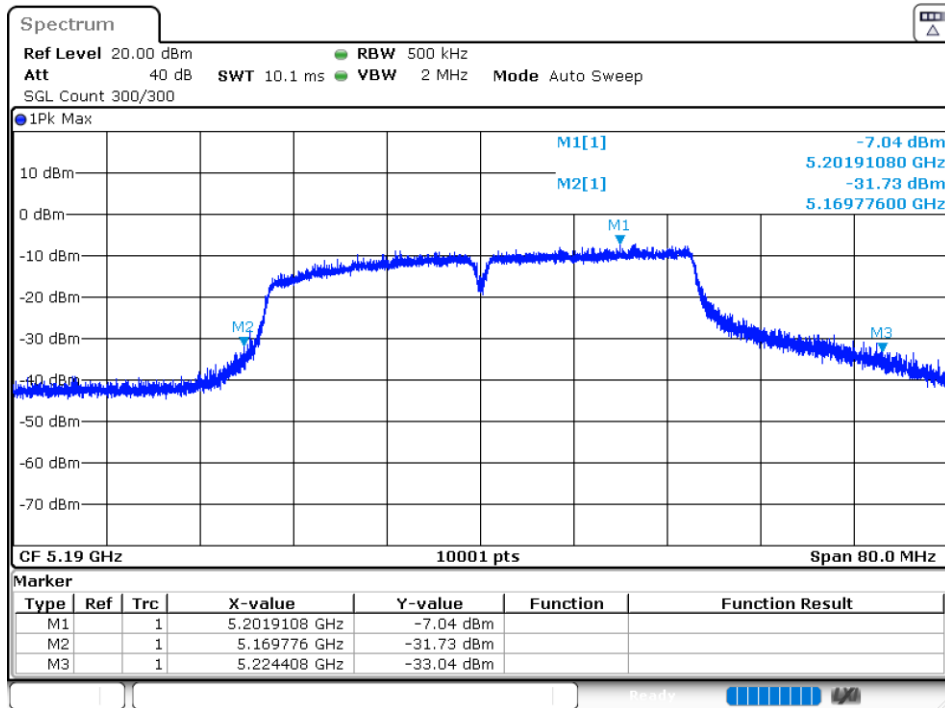
-26 dB BW NVNT 802.11n(HT20) 5240MHz Ant1



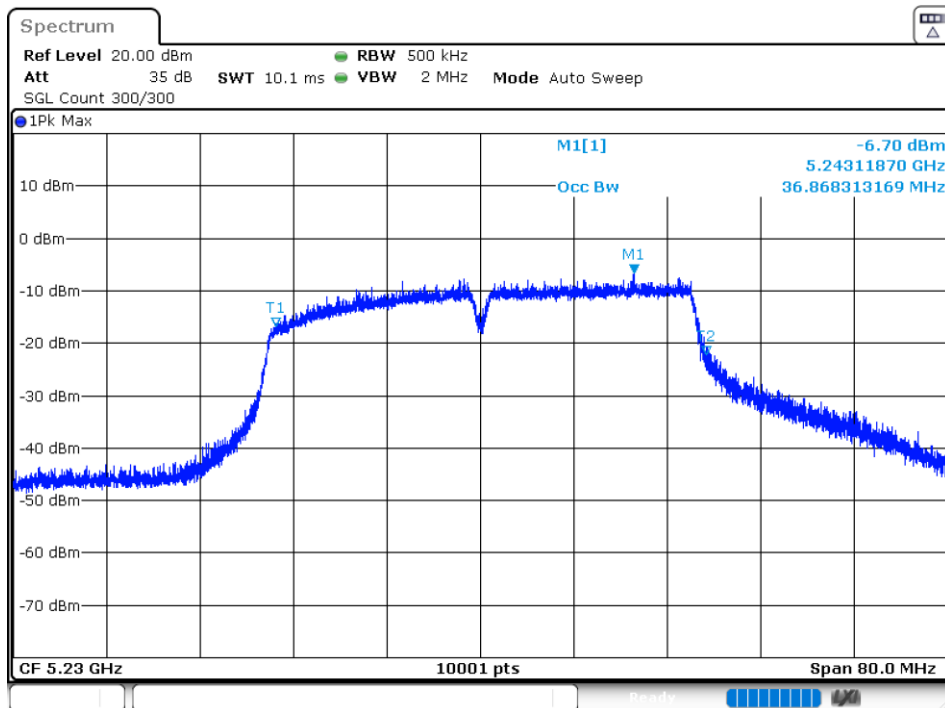
OBW NVNT 802.11n(HT40) 5190MHz Ant1



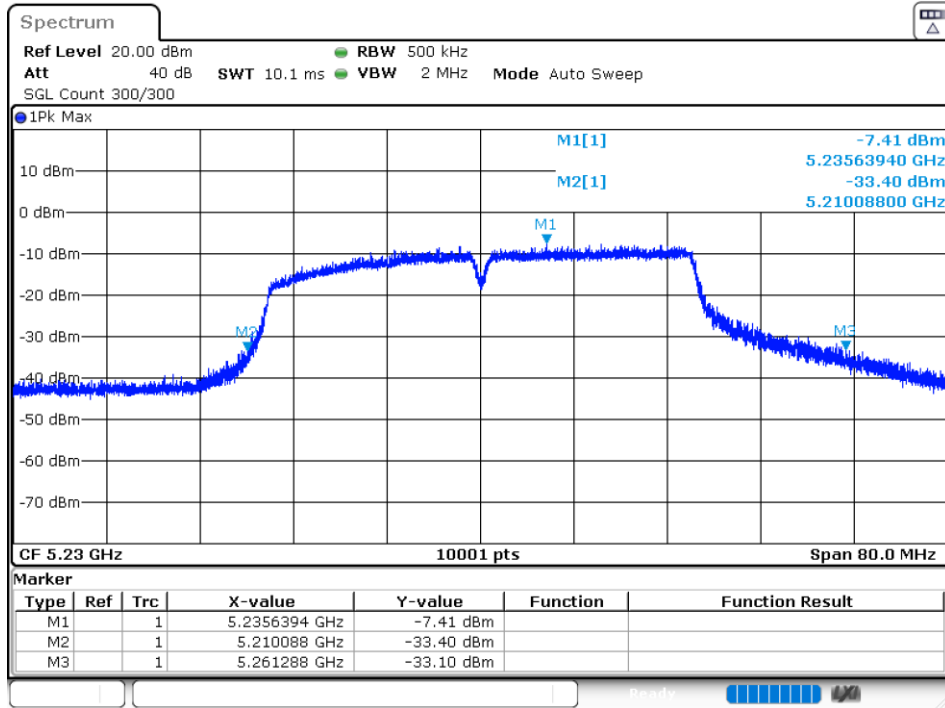
-26 dB BW NVNT 802.11n(HT40) 5190MHz Ant1



OBW NVNT 802.11n(HT40) 5230MHz Ant1



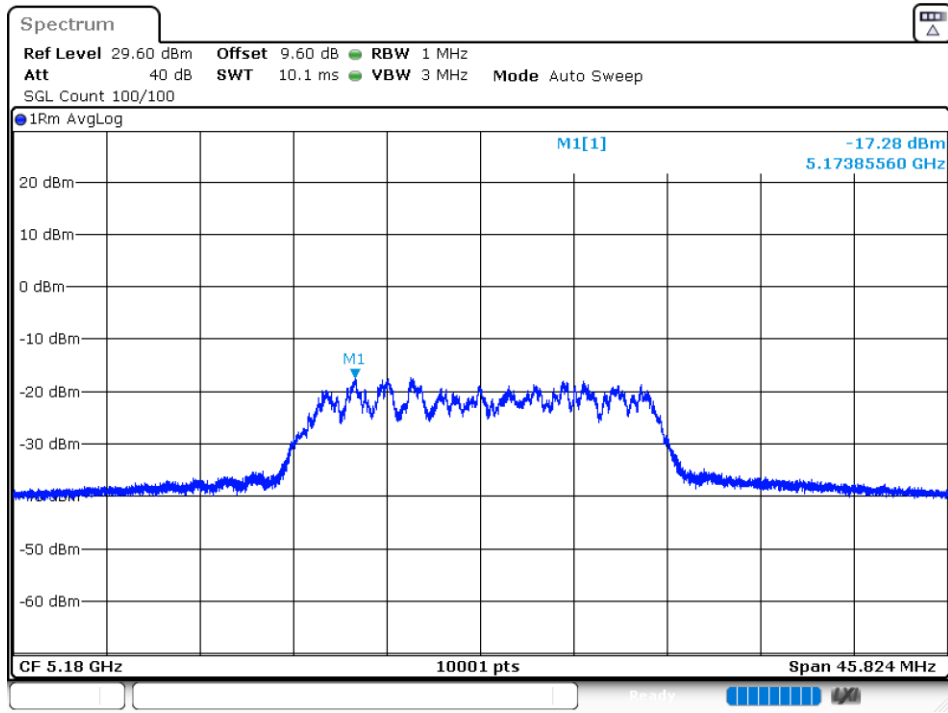
-26 dB BW NVNT 802.11n(HT40) 5230MHz Ant1



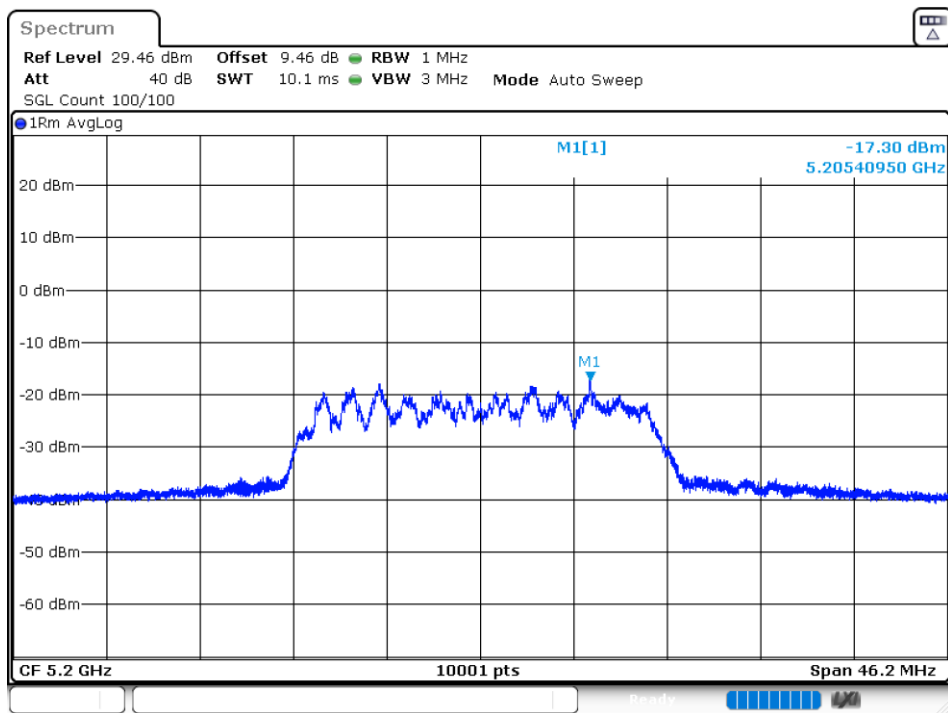
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	-17.284	11	Pass
NVNT	802.11a	5200	Ant 1	-17.297	11	Pass
NVNT	802.11a	5240	Ant 1	-19.771	11	Pass
NVNT	802.11ac20	5180	Ant 1	-7.633	11	Pass
NVNT	802.11ac20	5200	Ant 1	-10.058	11	Pass
NVNT	802.11ac20	5240	Ant 1	-6.742	11	Pass
NVNT	802.11ac40	5190	Ant 1	-16.81	11	Pass
NVNT	802.11ac40	5230	Ant 1	-17.43	11	Pass
NVNT	802.11ac80	5210	Ant 1	-22.657	11	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-13.688	11	Pass
NVNT	802.11n(HT20)	5200	Ant 1	-16.194	11	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-22.757	11	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-18.573	11	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-22.45	11	Pass

PSD NVNT 802.11a 5180MHz Ant1

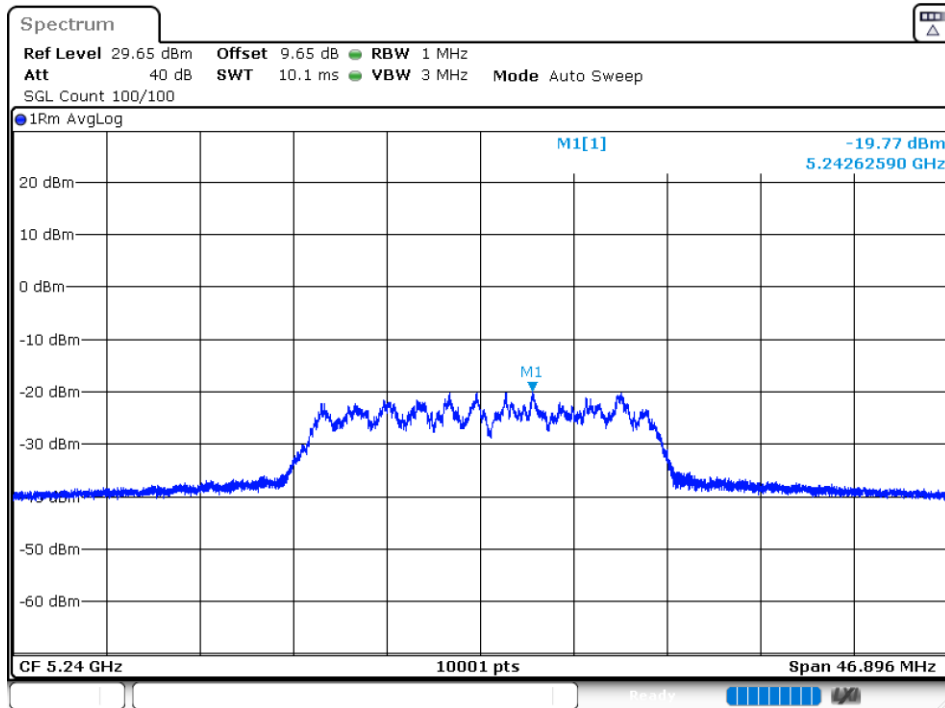


PSD NVNT 802.11a 5200MHz Ant1

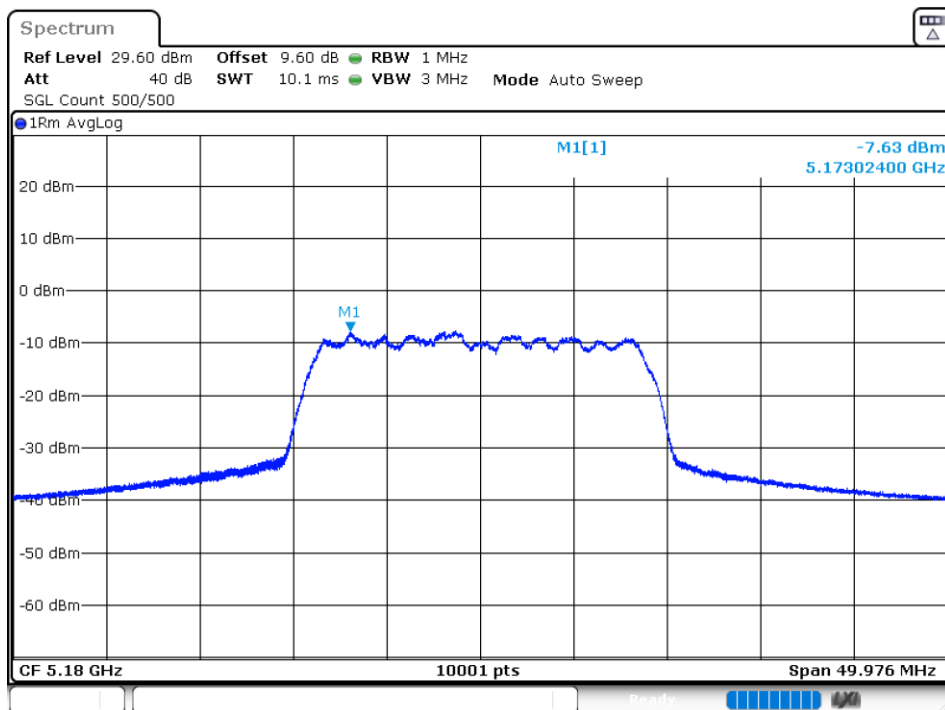


PSD NVNT 802.11a 5240MHz Ant1

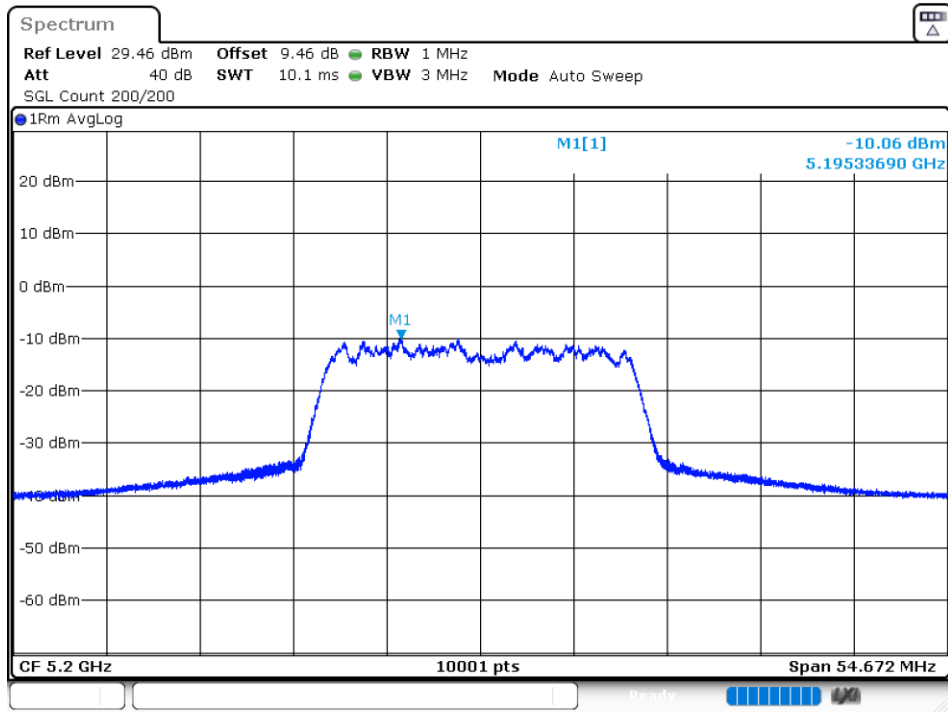




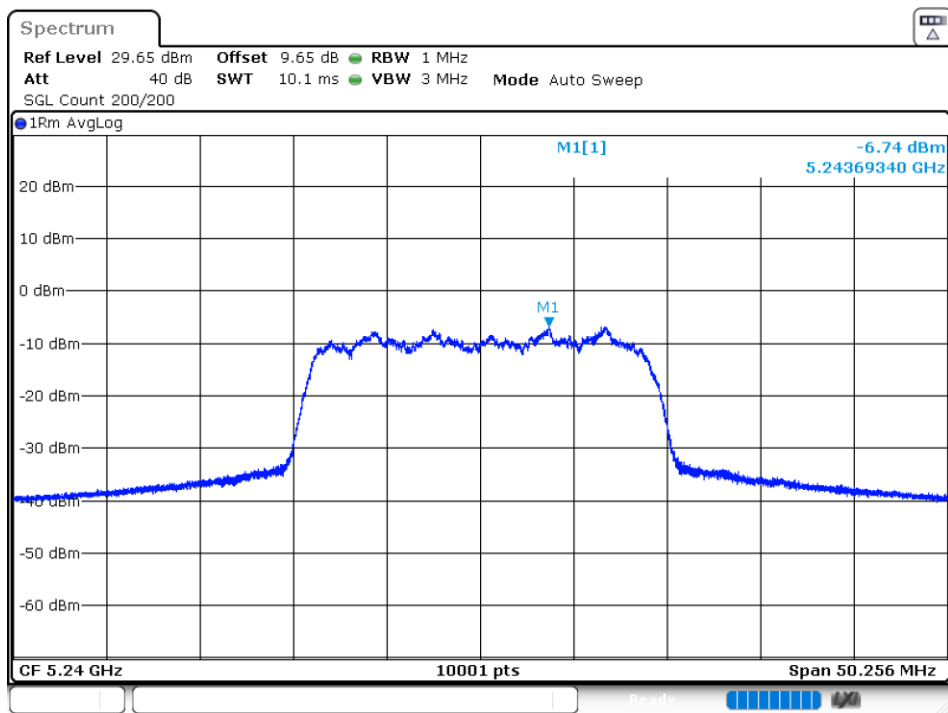
PSD NVNT 802.11ac20 5180MHz Ant1



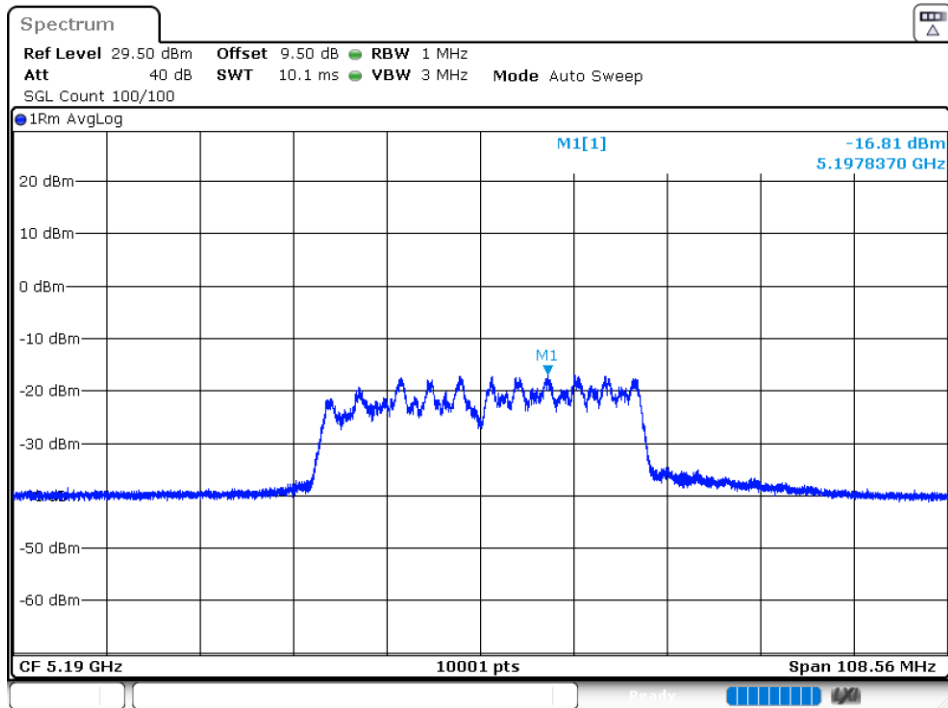
PSD NVNT 802.11ac20 5200MHz Ant1



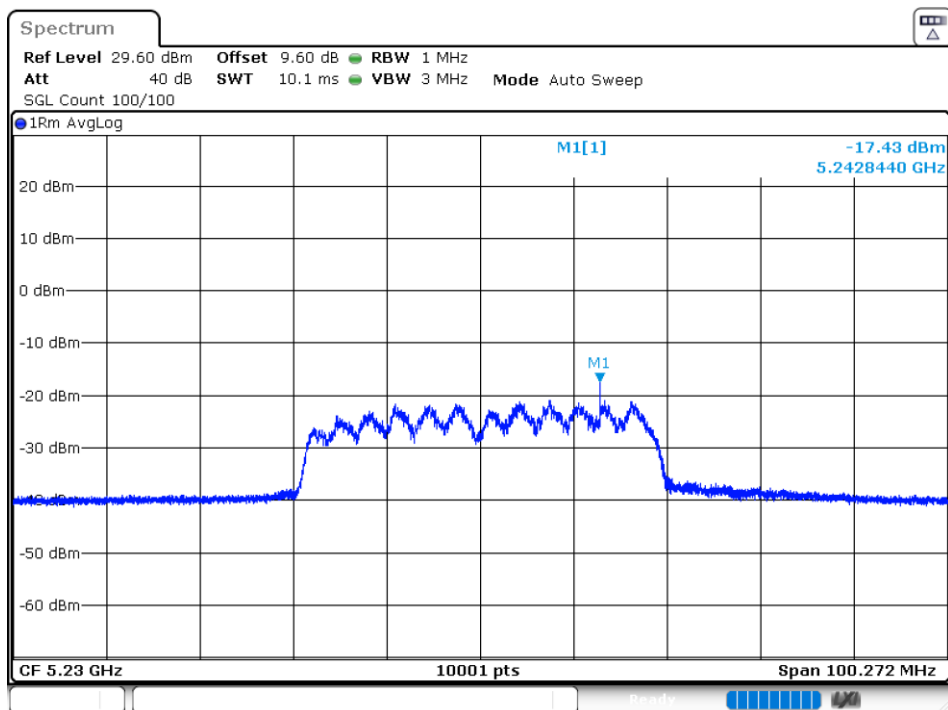
PSD NVNT 802.11ac20 5240MHz Ant1



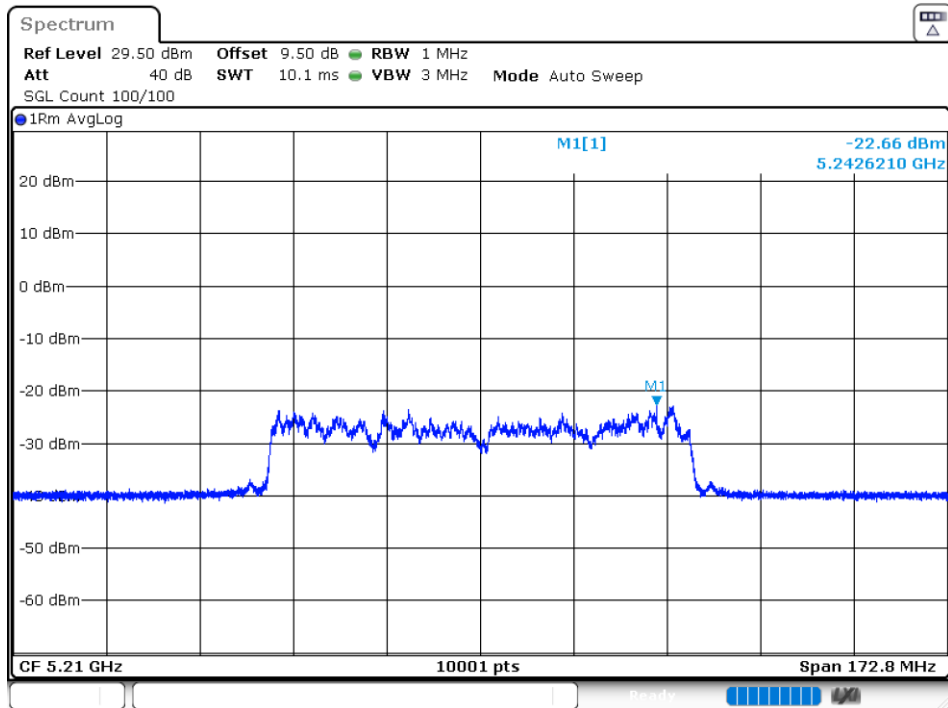
PSD NVNT 802.11ac40 5190MHz Ant1



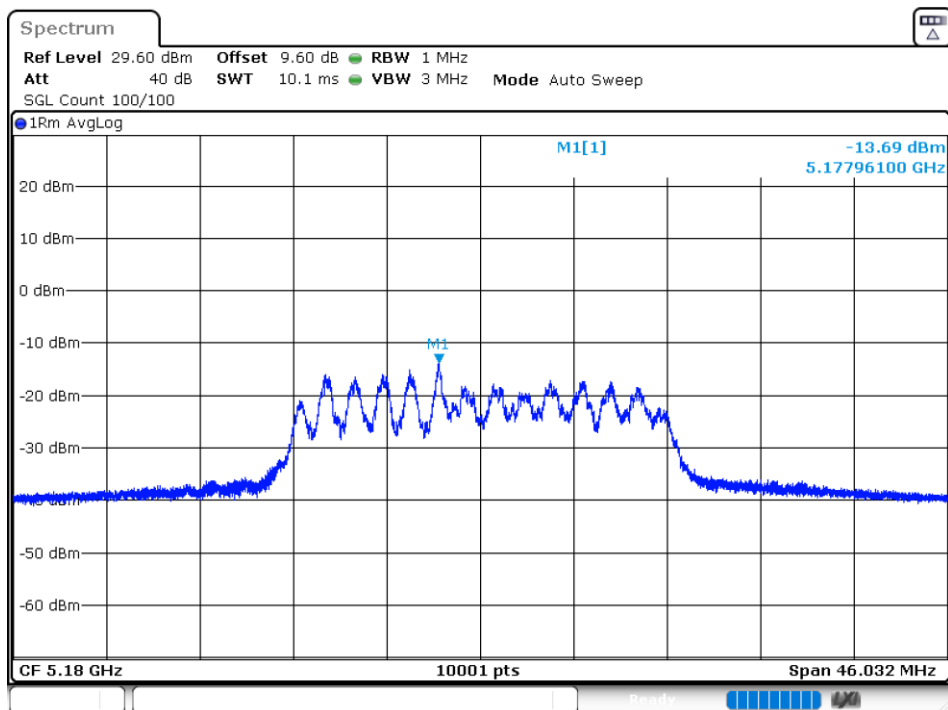
PSD NVNT 802.11ac40 5230MHz Ant1



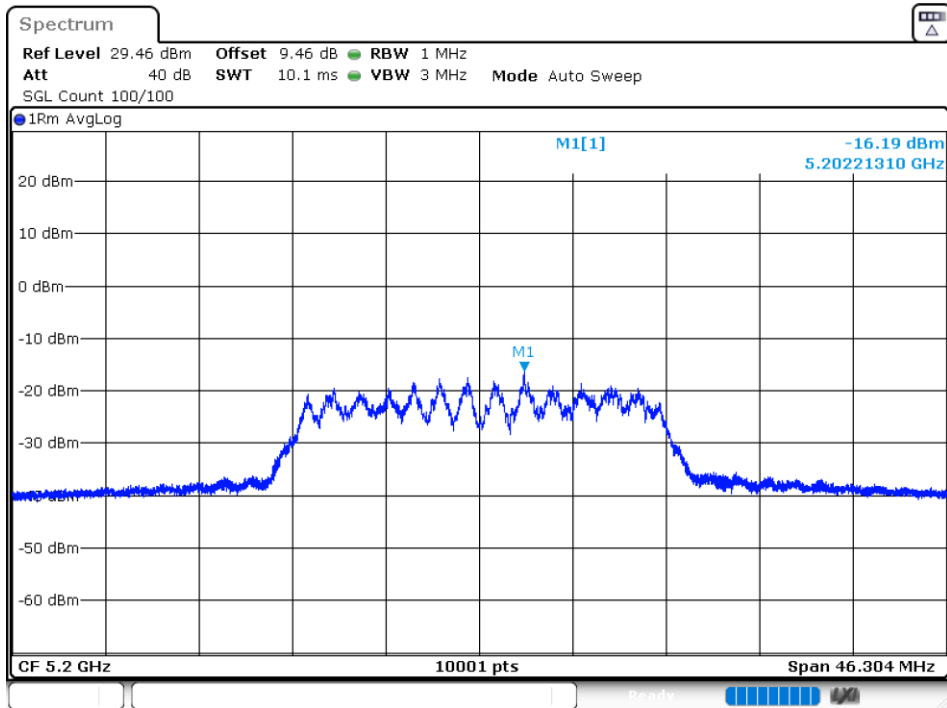
PSD NVNT 802.11ac80 5210MHz Ant1



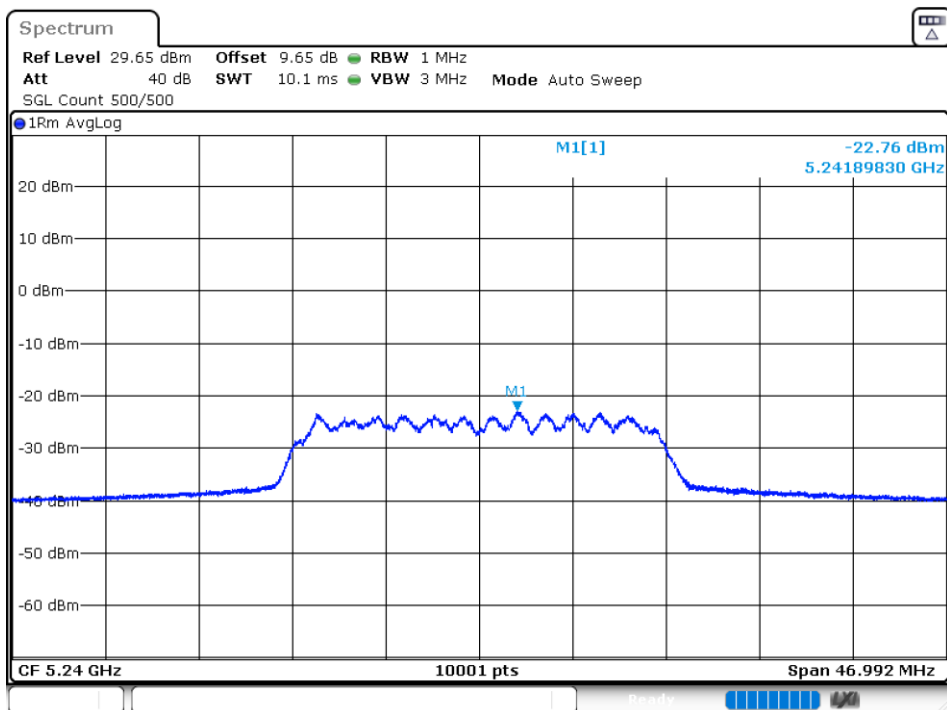
PSD NVNT 802.11n(HT20) 5180MHz Ant1



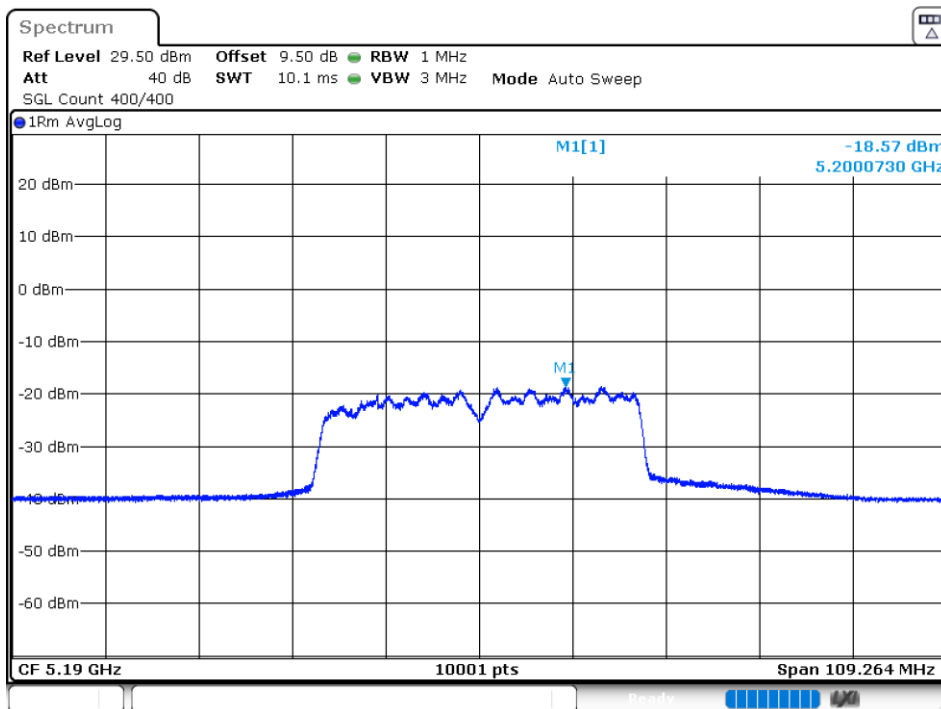
PSD NVNT 802.11n(HT20) 5200MHz Ant1



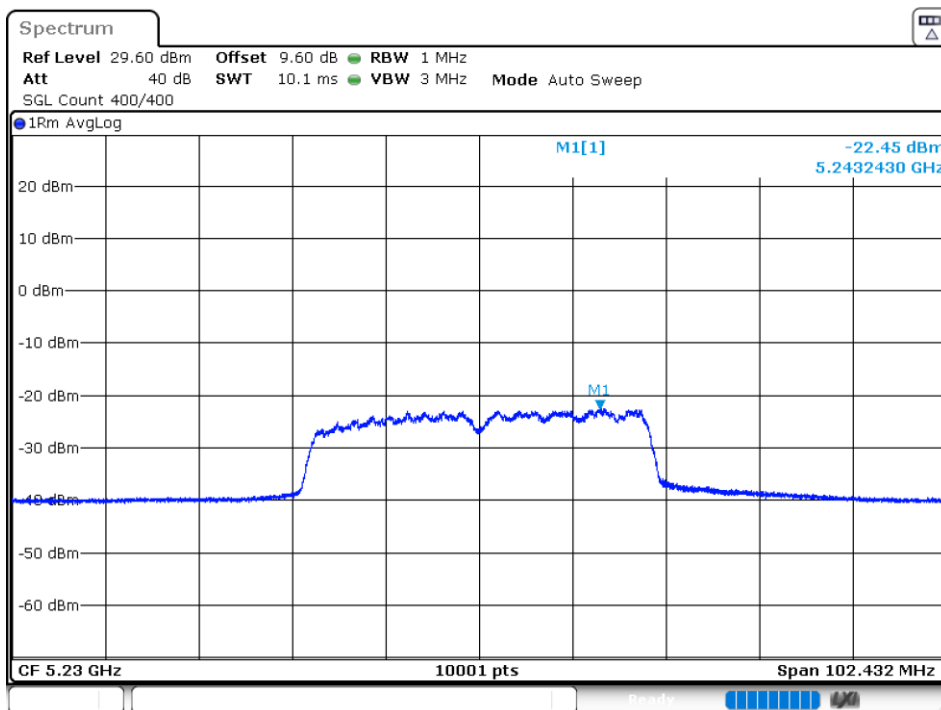
PSD NVNT 802.11n(HT20) 5240MHz Ant1



PSD NVNT 802.11n(HT40) 5190MHz Ant1



PSD NVNT 802.11n(HT40) 5230MHz Ant1

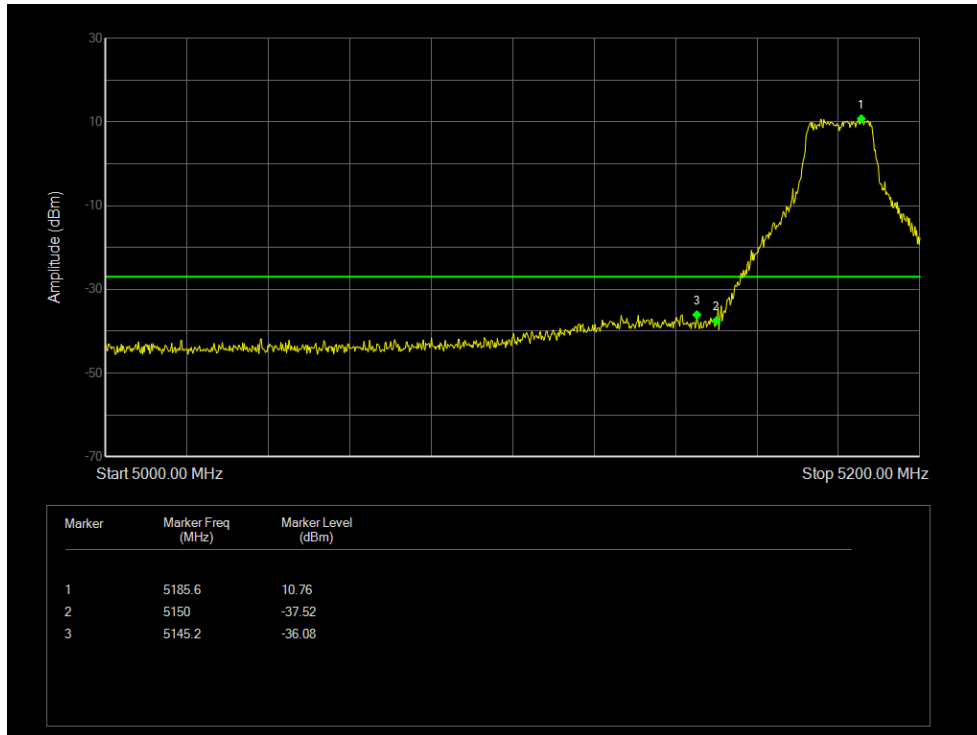


**Band Edge**

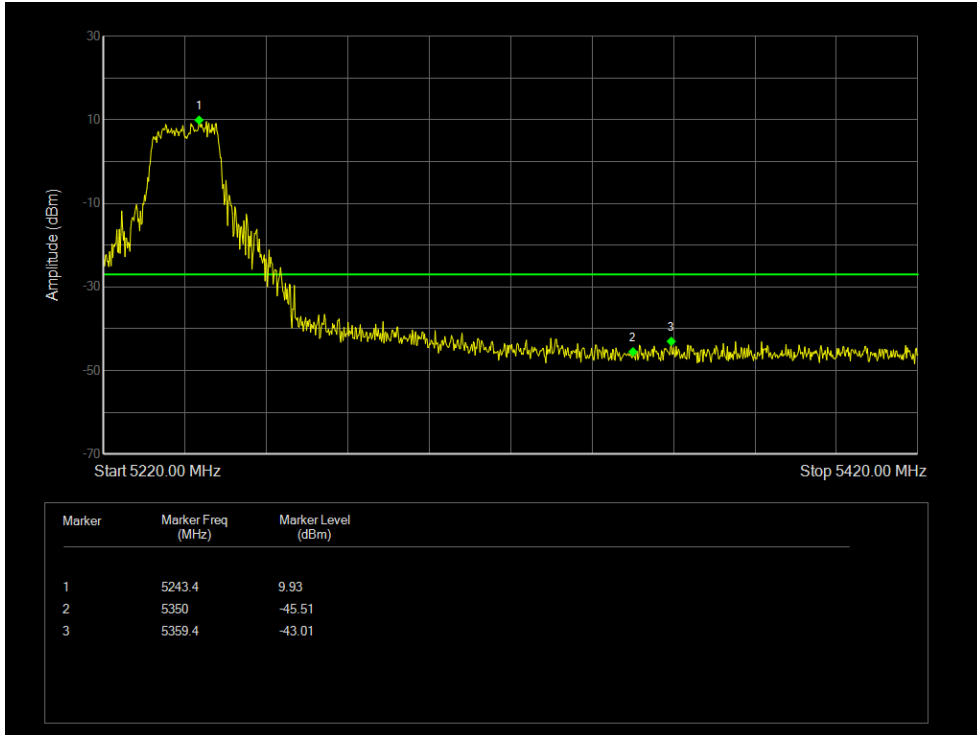
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	-36.08	-27	Pass
NVNT	802.11a	5240	Ant 1	-43.01	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-35.73	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-41.55	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-27.15	-27	Pass

NVNT	802.11ac40	5230	Ant 1	-41.55	-27	Pass
NVNT	802.11ac80	5210	Ant 1	-48.31	-27	Pass
NVNT	802.11ac80	5210	Ant 1	-35.64	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-36.25	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-43.19	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-30	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-42.52	-27	Pass

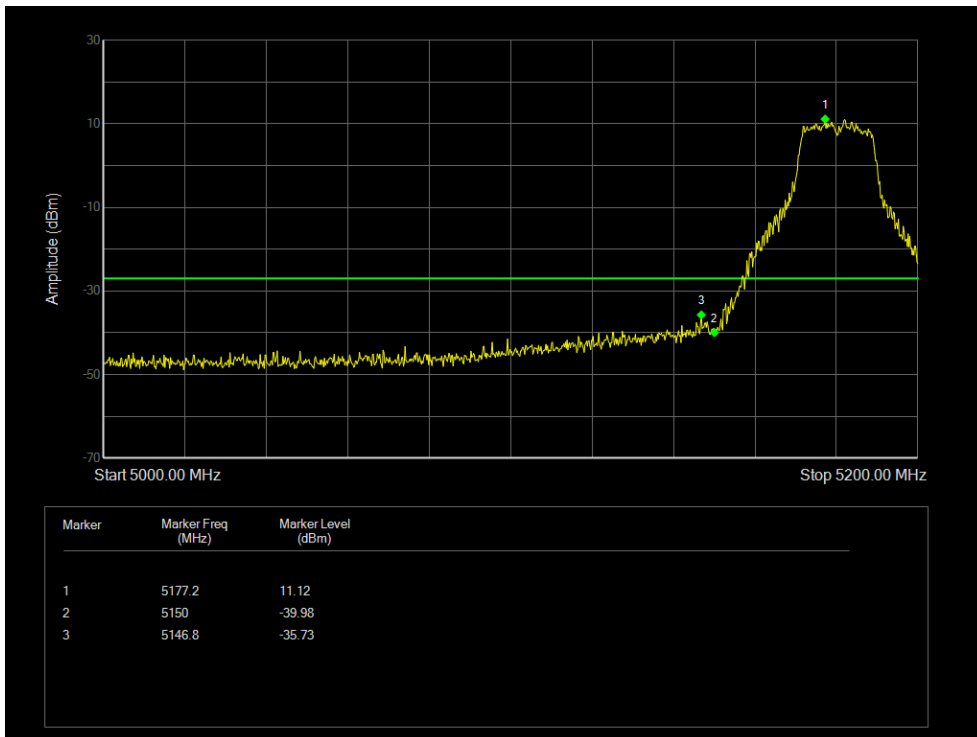
Band Edge NVNT 802.11a 5180MHz Low Ant1



Band Edge NVNT 802.11a 5240MHz High Ant1

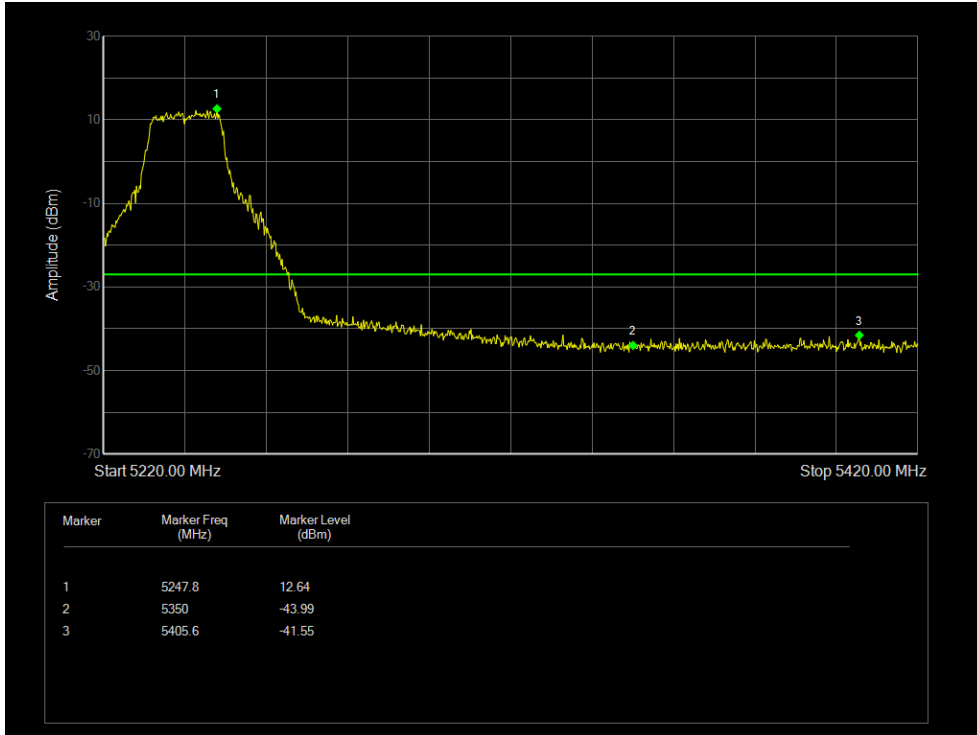


Band Edge NVNT 802.11ac20 5180MHz Low Ant1

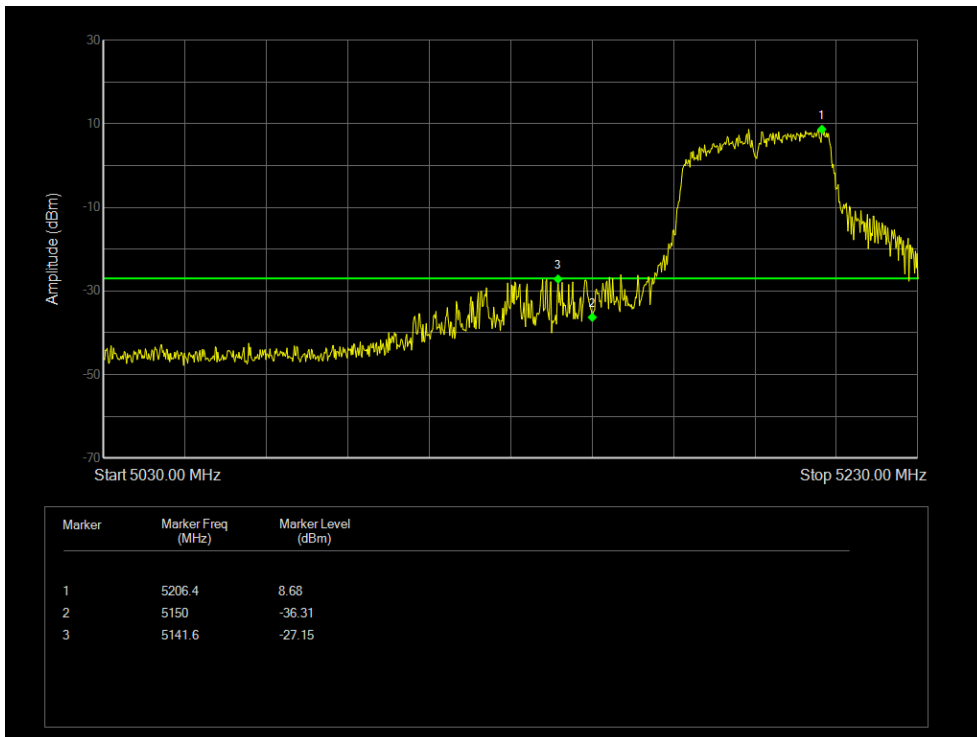


Band Edge NVNT 802.11ac20 5240MHz High Ant1

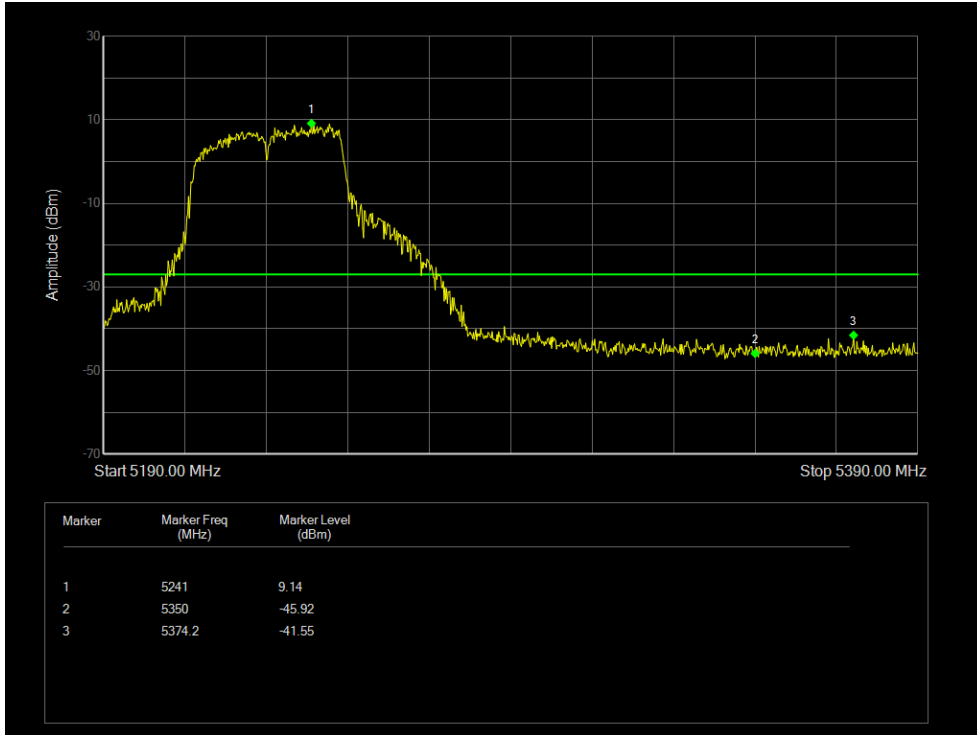




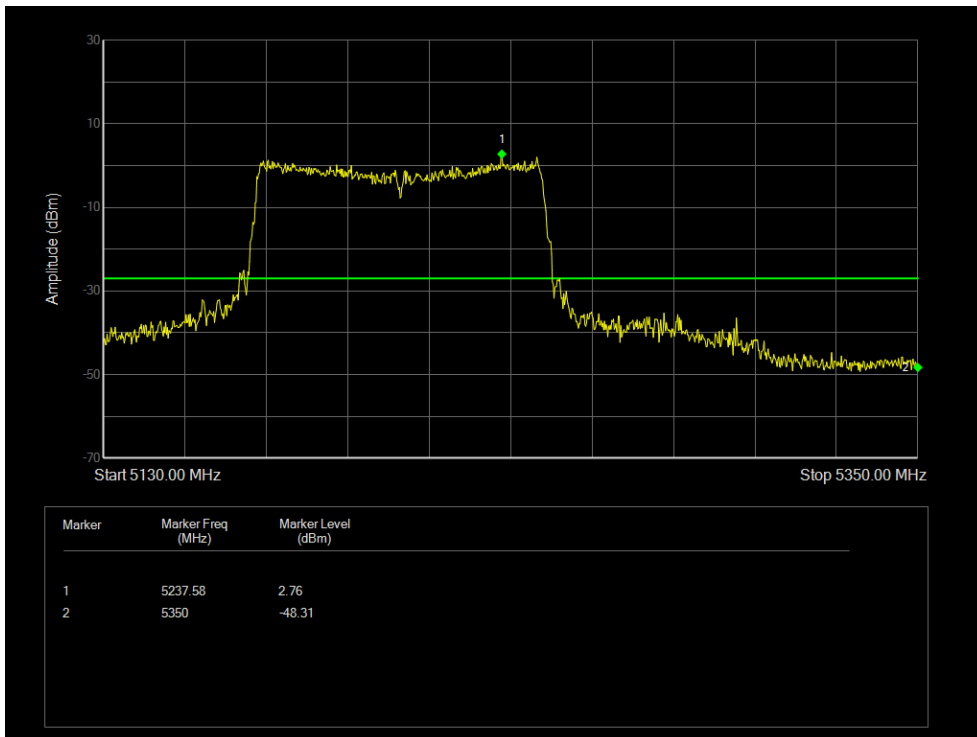
Band Edge NVNT 802.11ac40 5190MHz Low Ant1



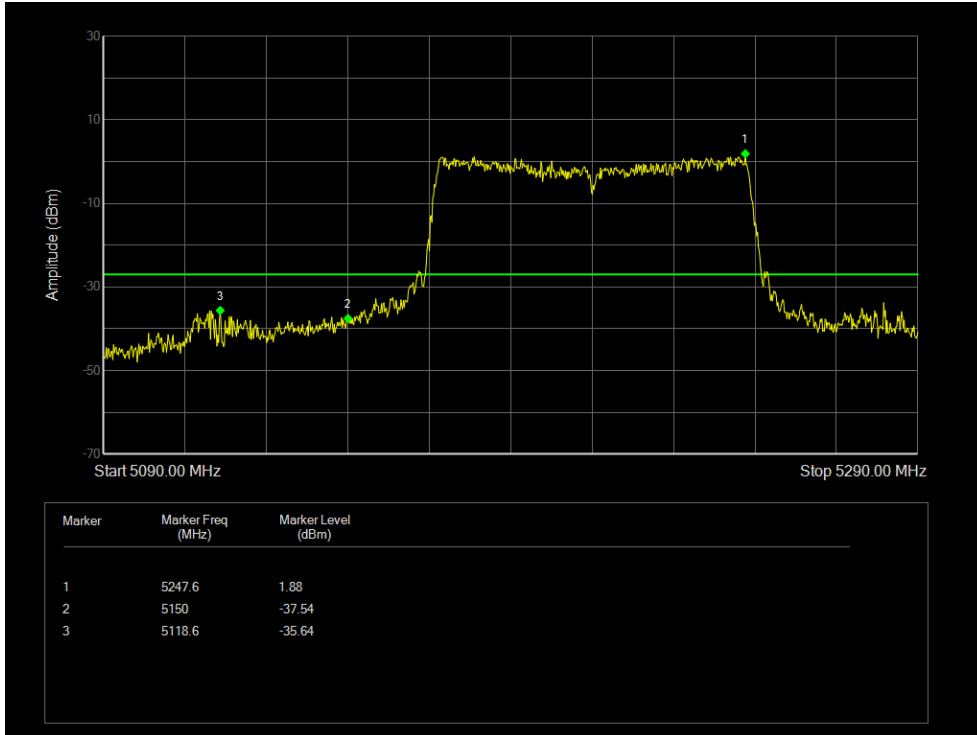
Band Edge NVNT 802.11ac40 5230MHz High Ant1



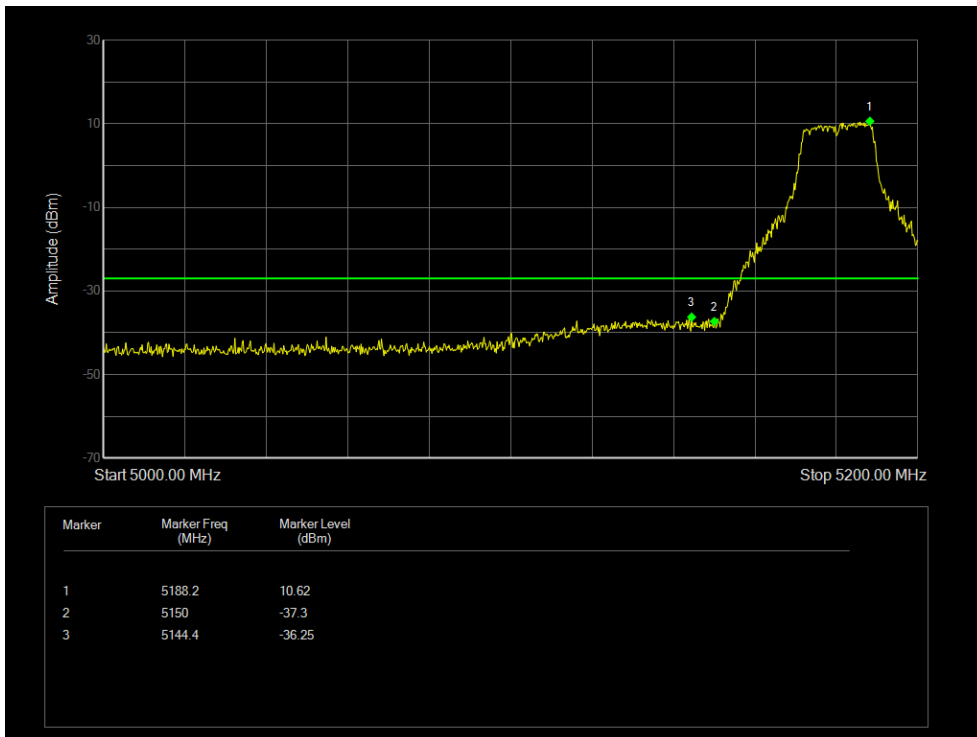
Band Edge NVNT 802.11ac80 5210MHz High Ant1



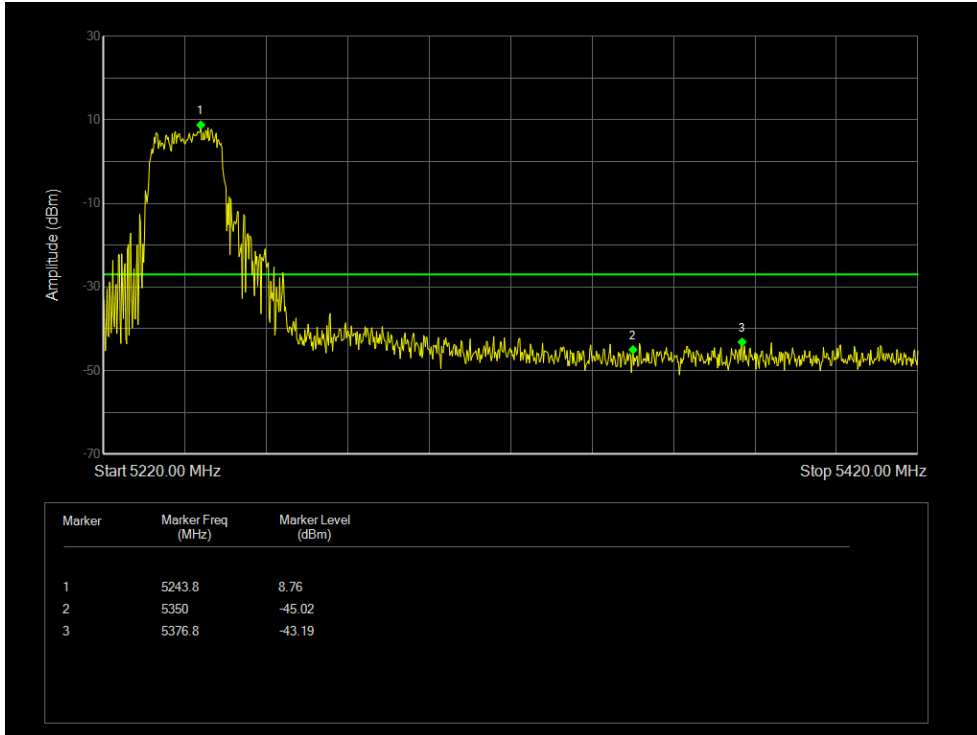
Band Edge NVNT 802.11ac80 5210MHz Low Ant1



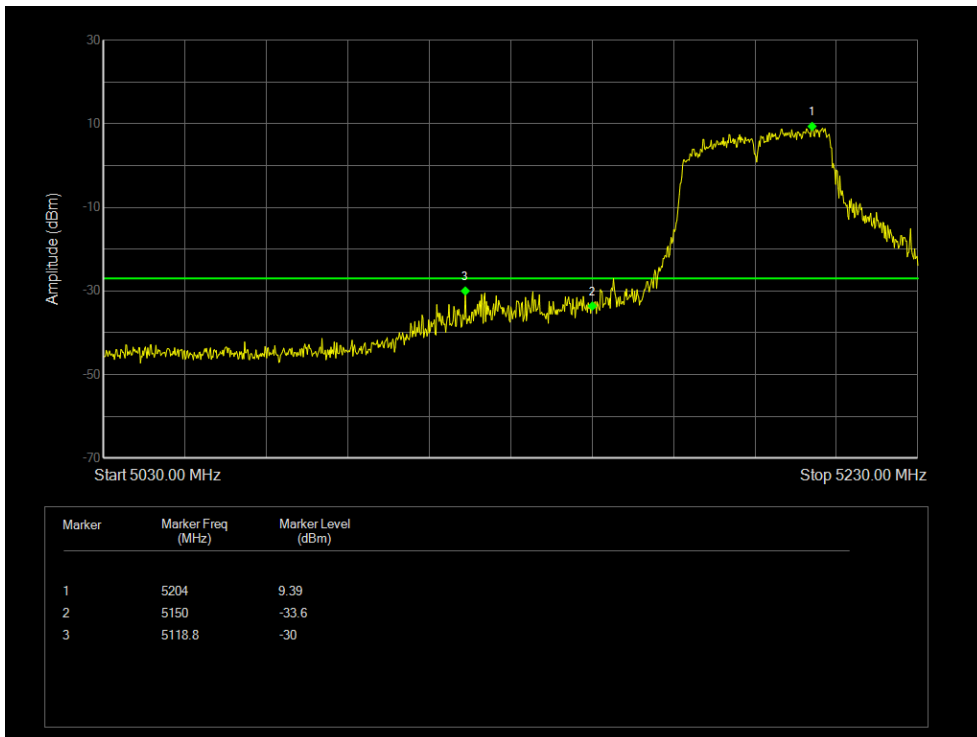
Band Edge NVNT 802.11n(HT20) 5180MHz Low Ant1



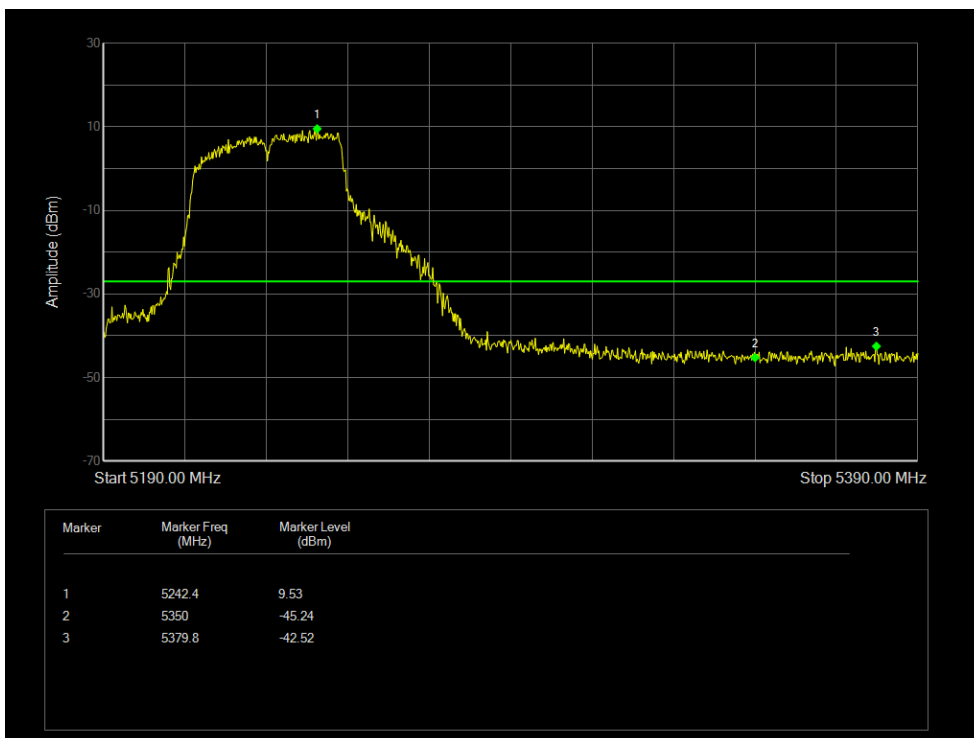
Band Edge NVNT 802.11n(HT20) 5240MHz High Ant1



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



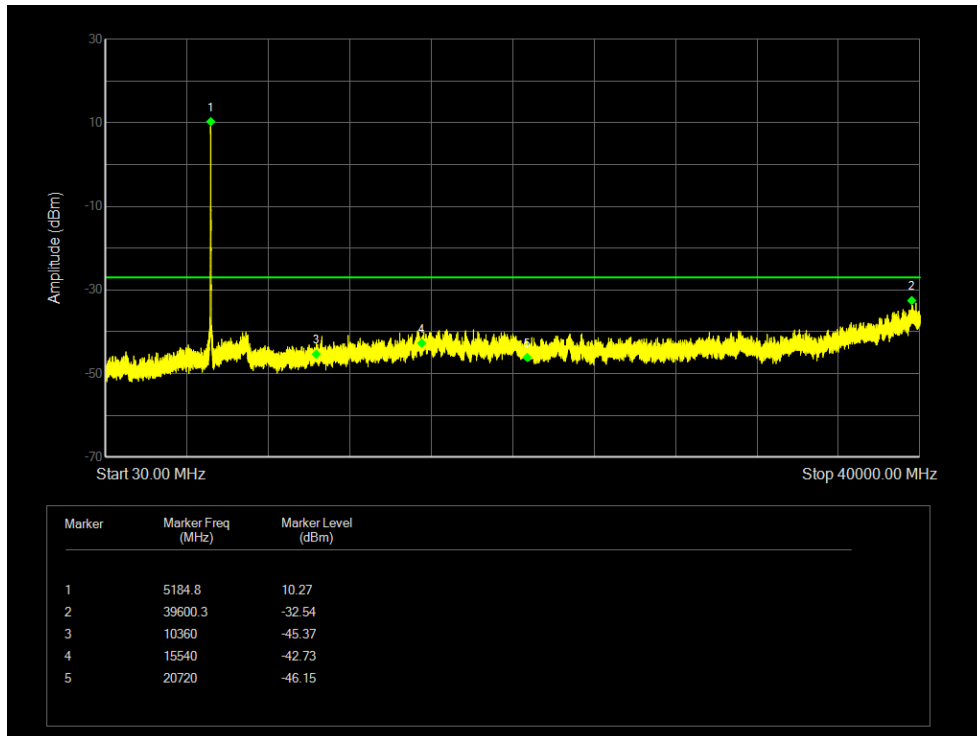
Band Edge NVNT 802.11n(HT40) 5230MHz High Ant1



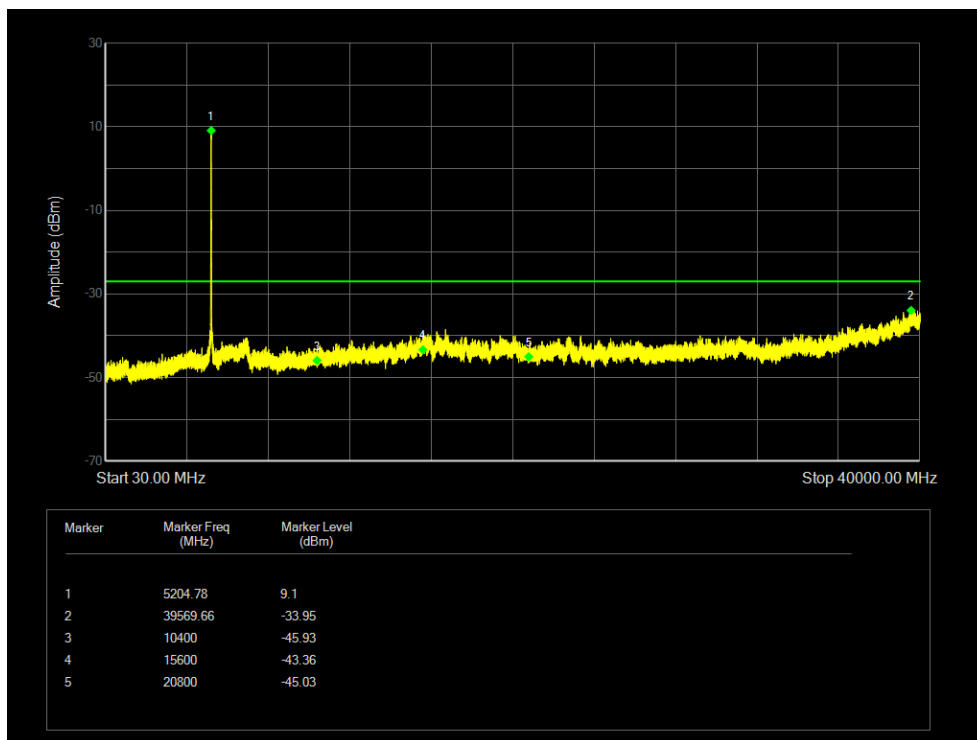
**Conducted RF Spurious Emission**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5180	Ant 1	-32.54	-27	Pass
NVNT	802.11a	5200	Ant 1	-33.95	-27	Pass
NVNT	802.11a	5240	Ant 1	-32.95	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-32.69	-27	Pass
NVNT	802.11ac20	5200	Ant 1	-34.89	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-33.07	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-33.81	-27	Pass
NVNT	802.11ac40	5230	Ant 1	-33	-27	Pass
NVNT	802.11ac80	5210	Ant 1	-35.14	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-32.97	-27	Pass
NVNT	802.11n(HT20)	5200	Ant 1	-33.19	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-33.29	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-33.09	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-33.35	-27	Pass

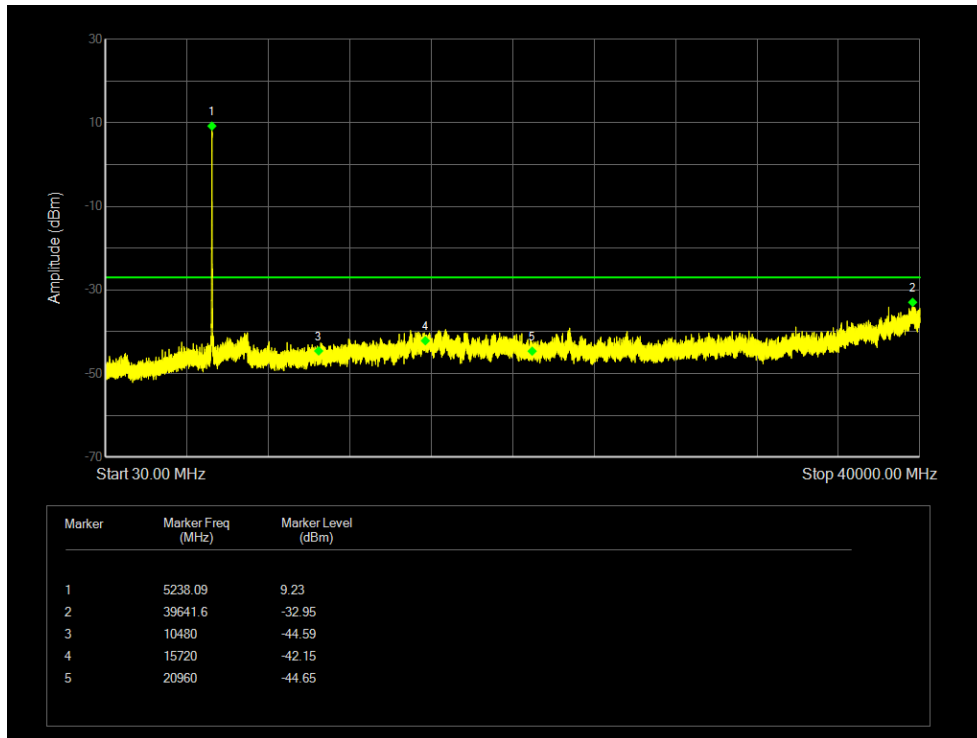
Tx. Spurious NVNT 802.11a 5180MHz Ant1 Emission



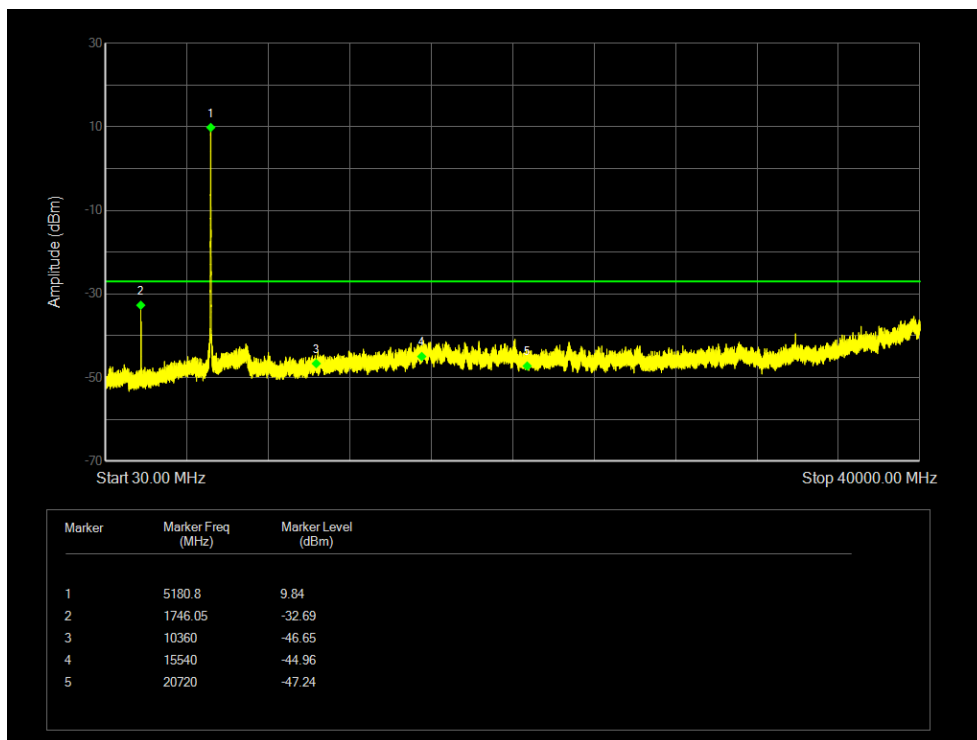
Tx. Spurious NVNT 802.11a 5200MHz Ant1 Emission



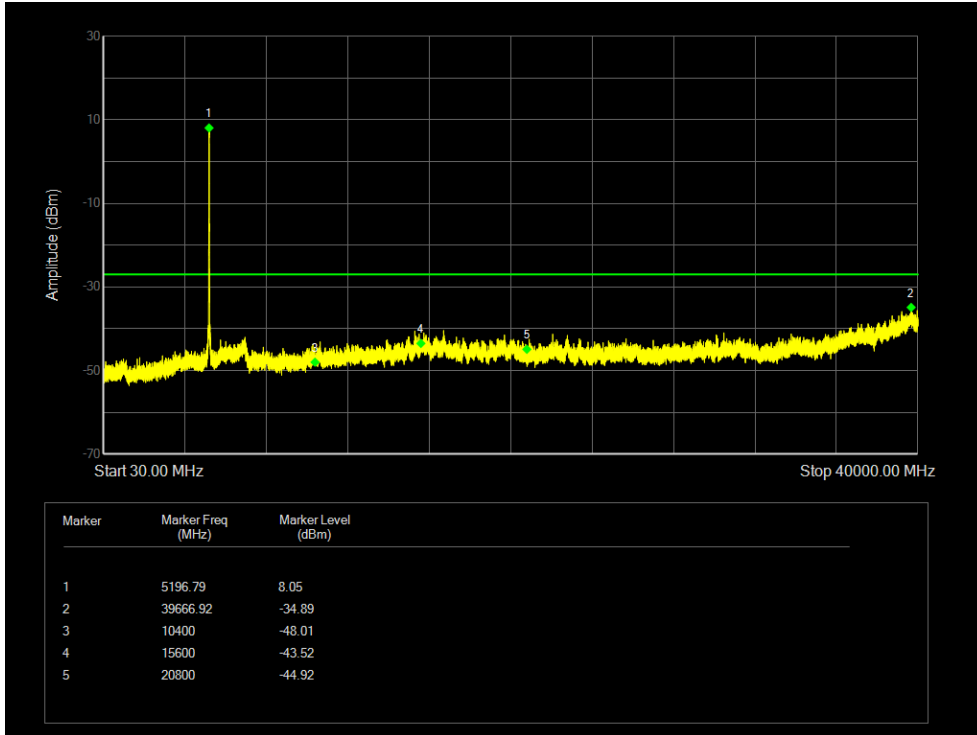
Tx. Spurious NVNT 802.11a 5240MHz Ant1 Emission



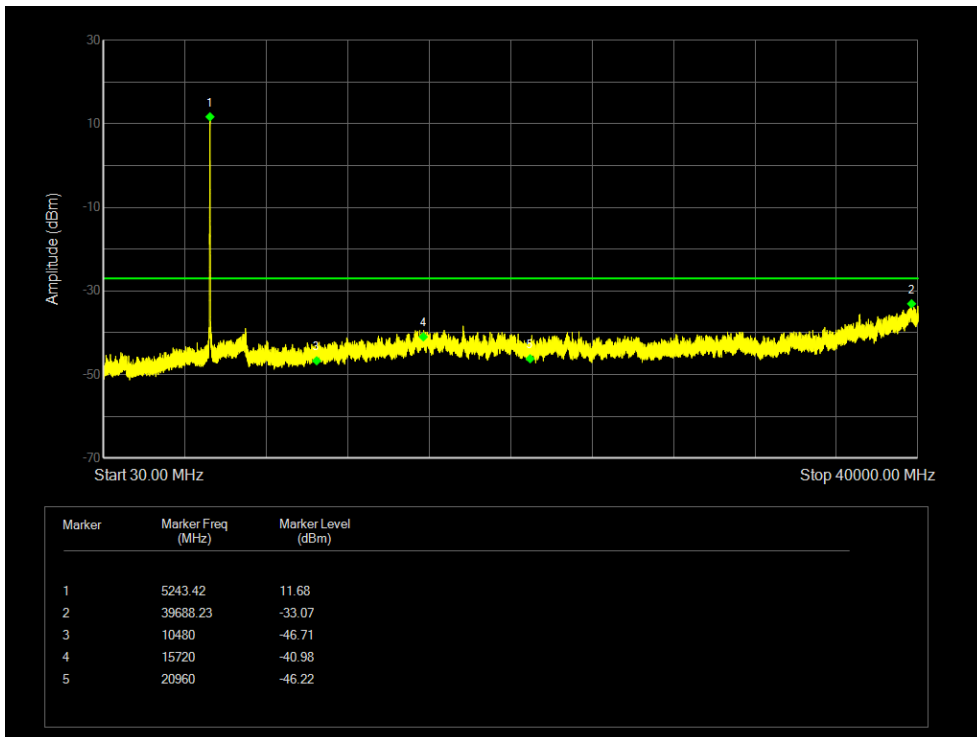
Tx. Spurious NVNT 802.11ac20 5180MHz Ant1 Emission



Tx. Spurious NVNT 802.11ac20 5200MHz Ant1 Emission

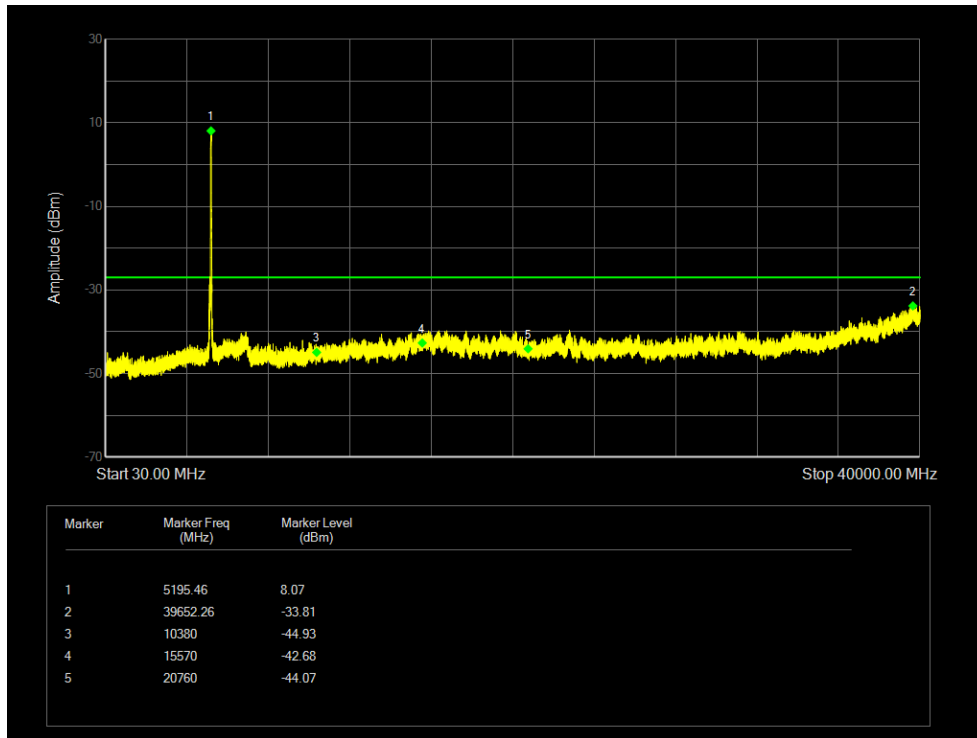


Tx. Spurious NVNT 802.11ac20 5240MHz Ant1 Emission

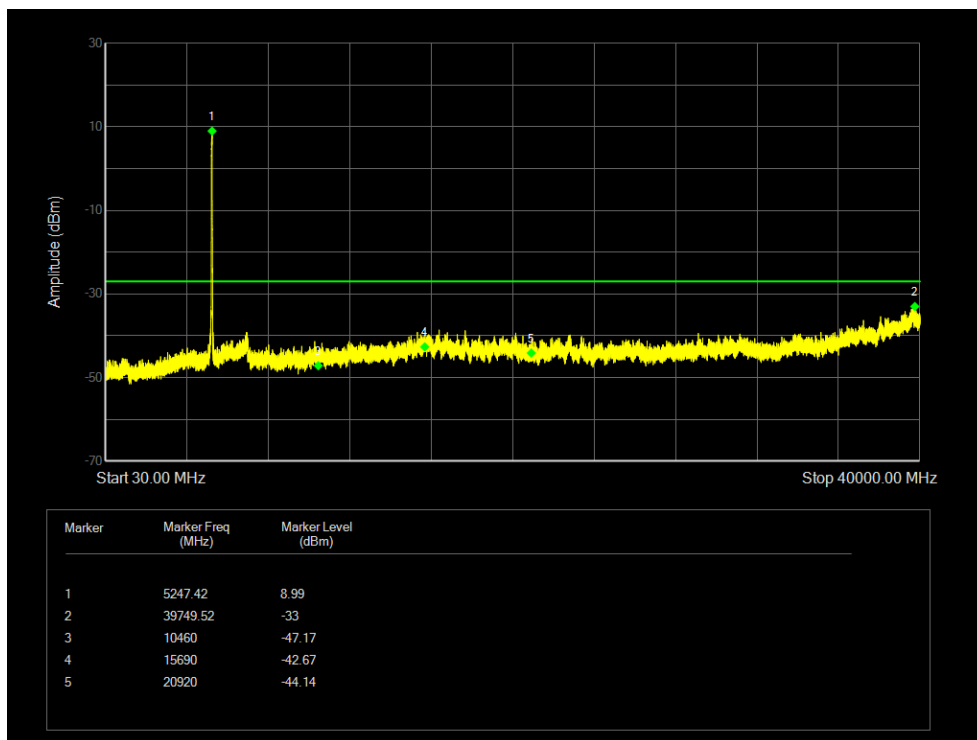


Tx. Spurious NVNT 802.11ac40 5190MHz Ant1 Emission

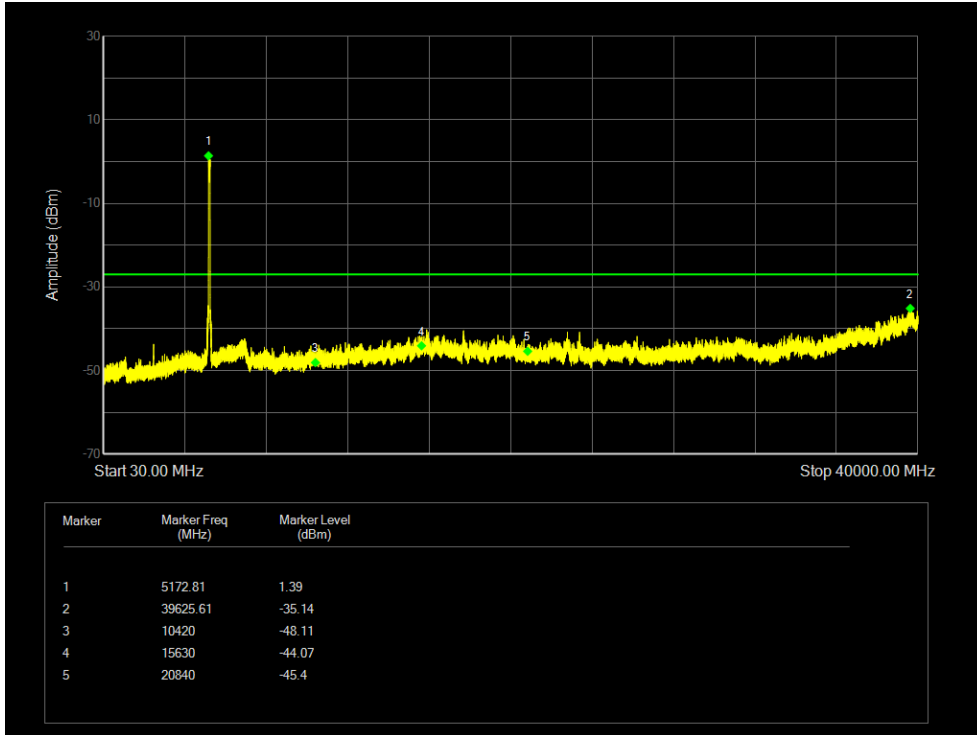




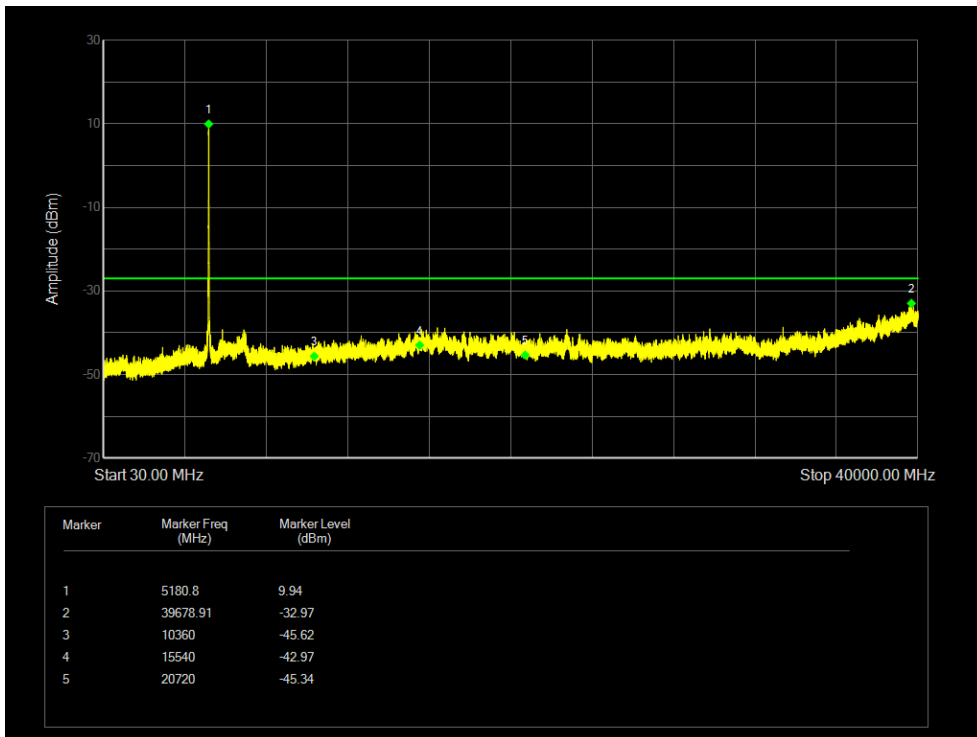
Tx. Spurious NVNT 802.11ac40 5230MHz Ant1 Emission



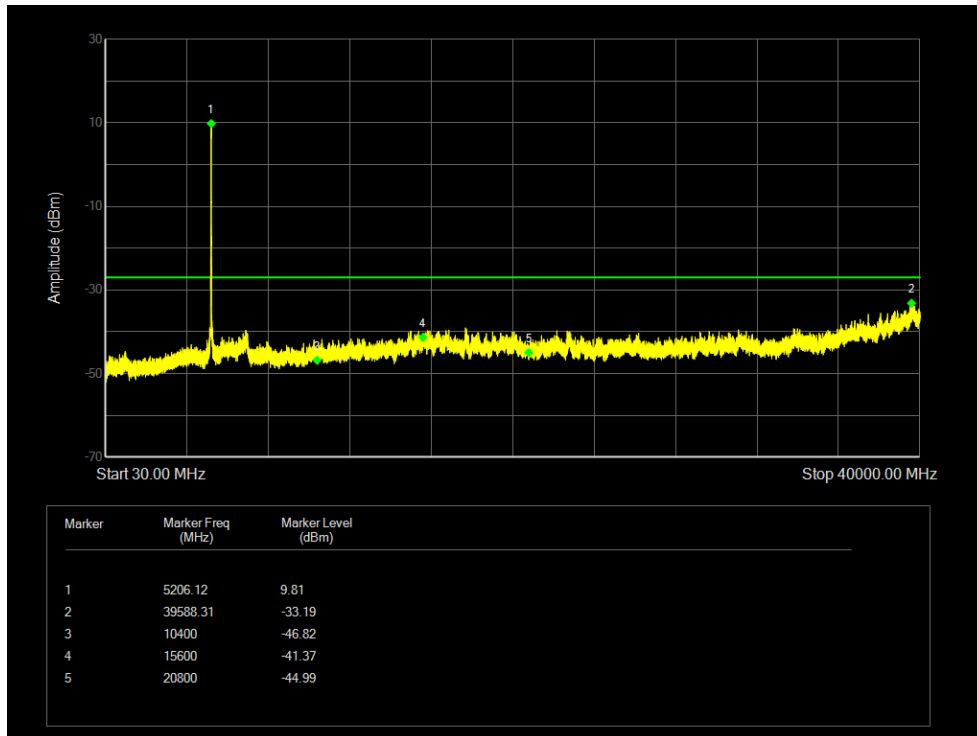
Tx. Spurious NVNT 802.11ac80 5210MHz Ant1 Emission



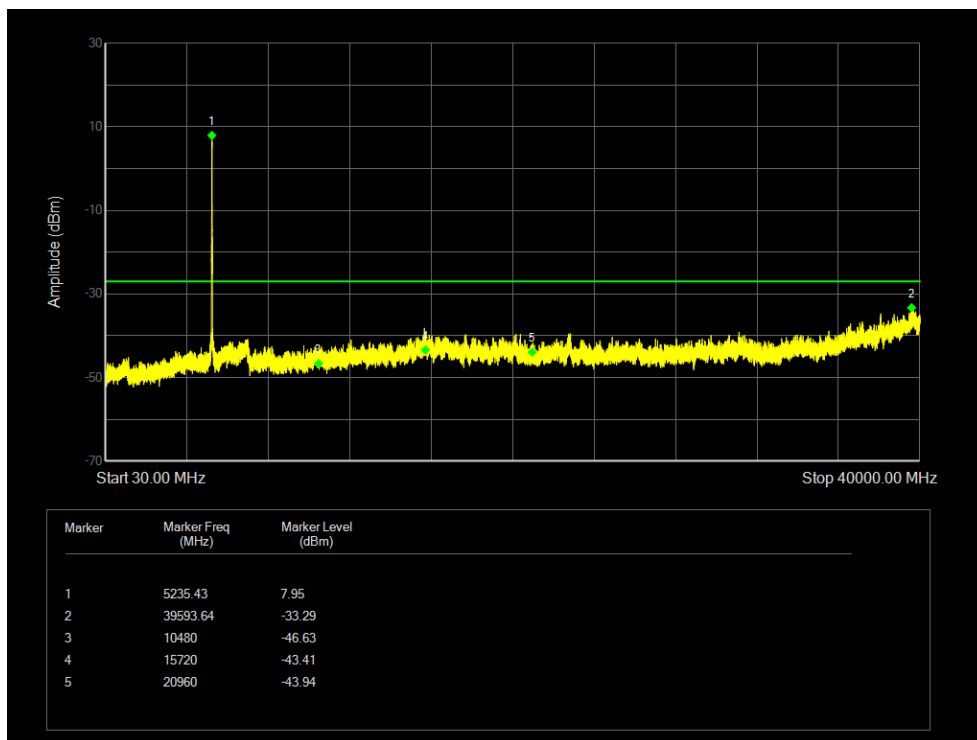
Tx. Spurious NVNT 802.11n(HT20) 5180MHz Ant1 Emission



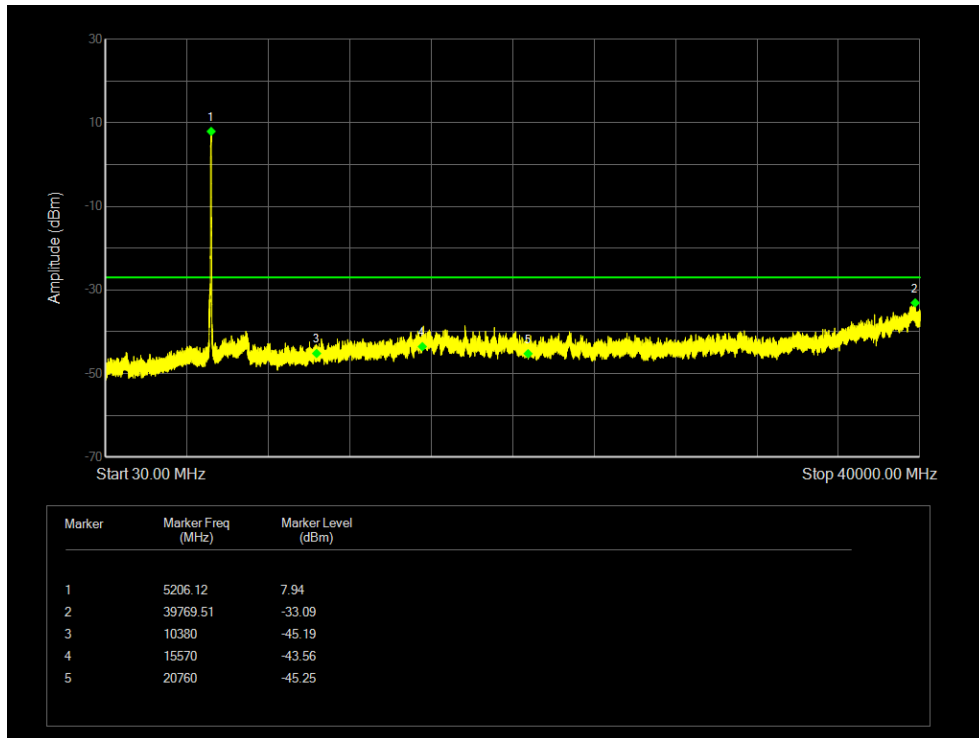
Tx. Spurious NVNT 802.11n(HT20) 5200MHz Ant1 Emission



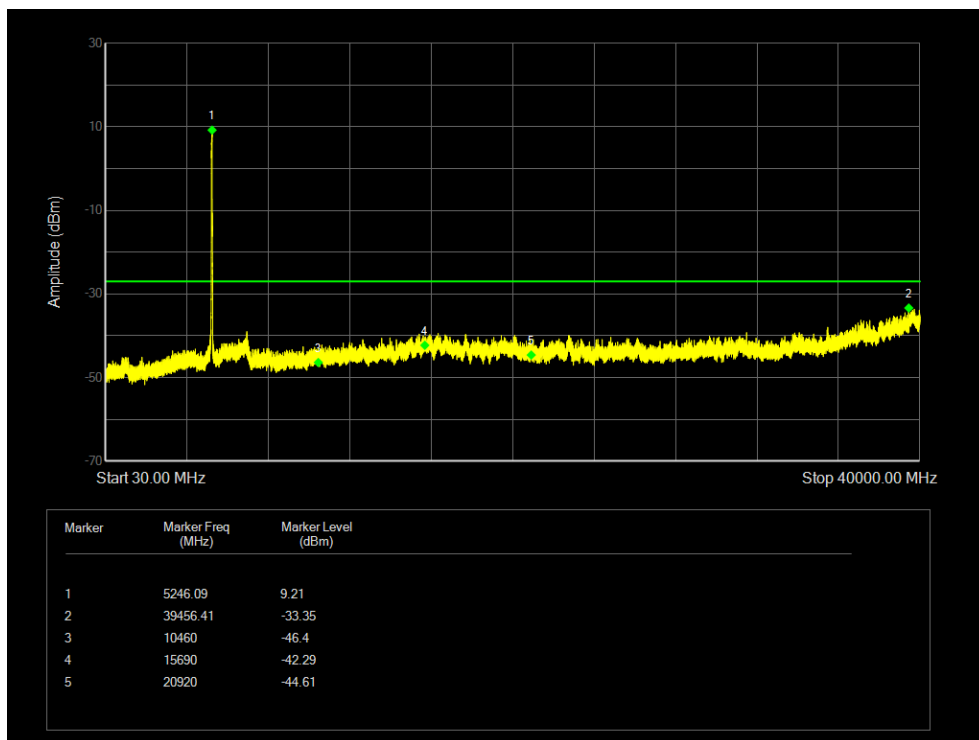
Tx. Spurious NVNT 802.11n(HT20) 5240MHz Ant1 Emission



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



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

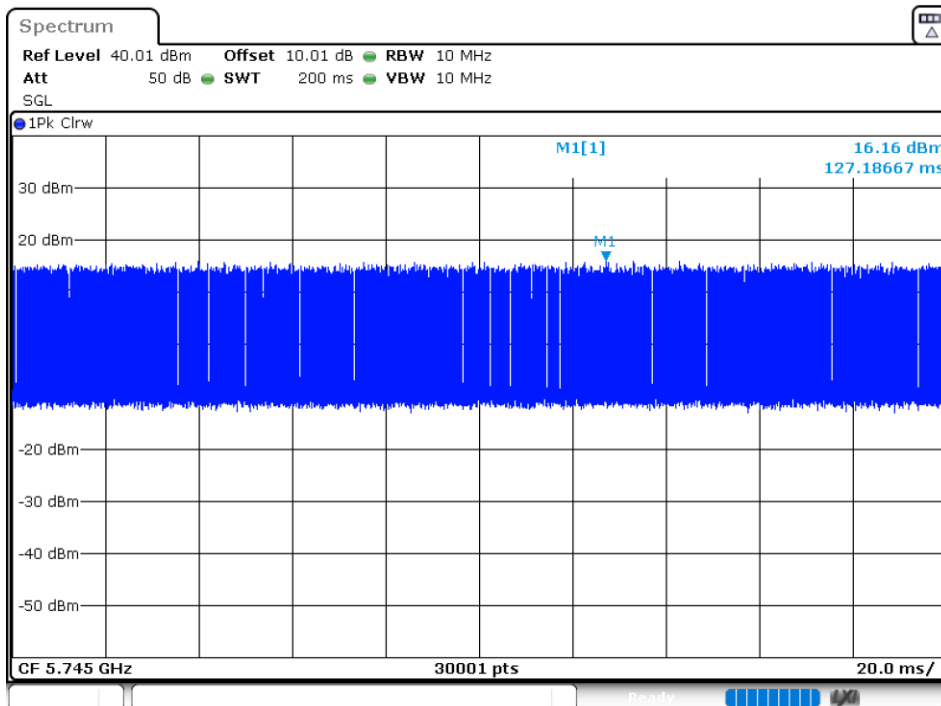


# 5.8G

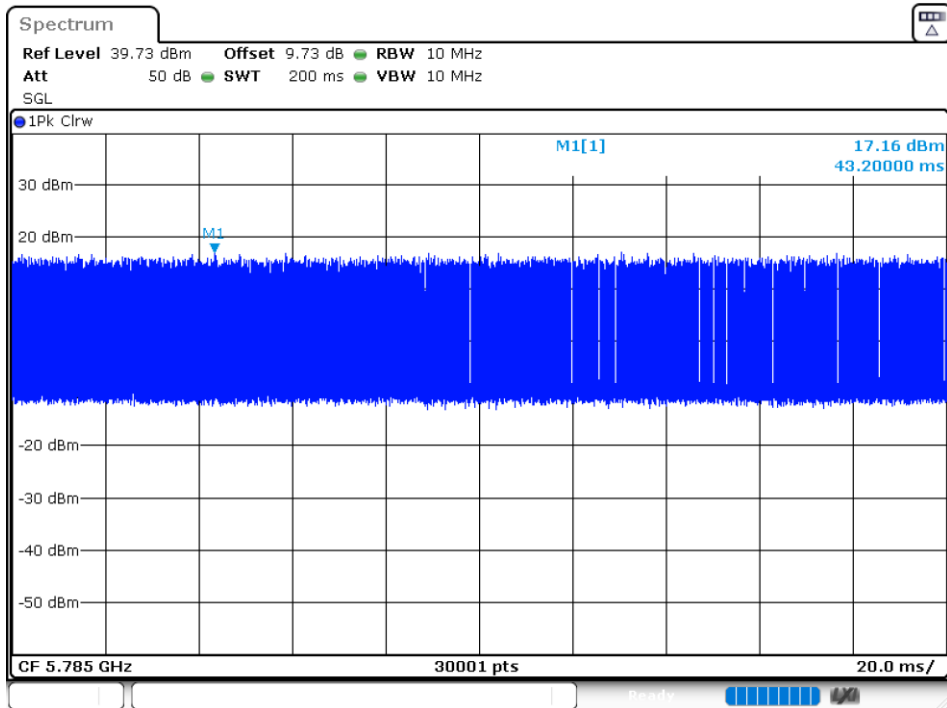
## Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11a	5745	53.41	2.72
NVNT	802.11a	5785	53.5	2.72
NVNT	802.11a	5825	53.66	2.7
NVNT	802.11ac20	5745	83.67	0.77
NVNT	802.11ac20	5785	83.68	0.77
NVNT	802.11ac20	5825	83.44	0.79
NVNT	802.11ac40	5755	65.45	1.84
NVNT	802.11ac40	5795	65.41	1.84
NVNT	802.11ac80	5775	51.28	2.9
NVNT	802.11n(HT20)	5745	53.25	2.74
NVNT	802.11n(HT20)	5785	52.84	2.77
NVNT	802.11n(HT20)	5825	53.29	2.73
NVNT	802.11n(HT40)	5755	67.65	1.7
NVNT	802.11n(HT40)	5795	67.69	1.69

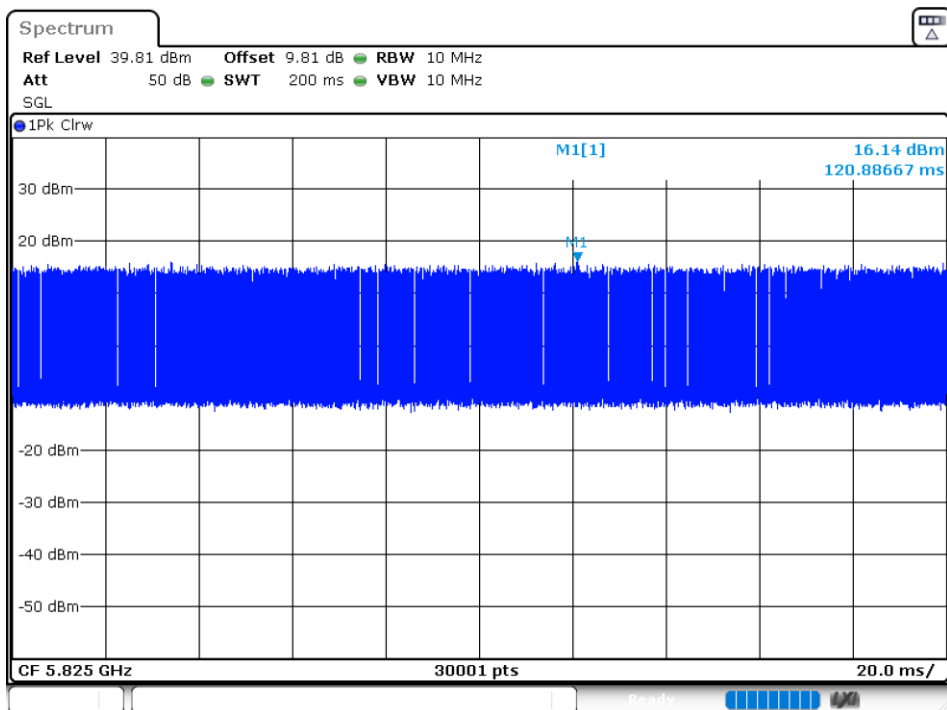
Duty Cycle NVNT 802.11a 5745MHz



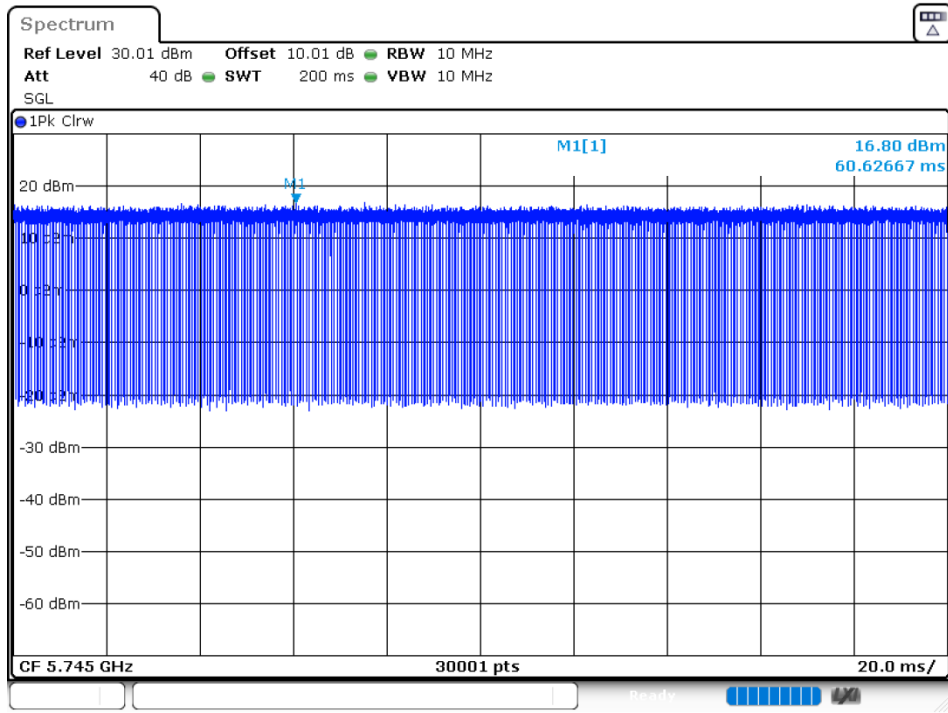
Duty Cycle NVNT 802.11a 5785MHz



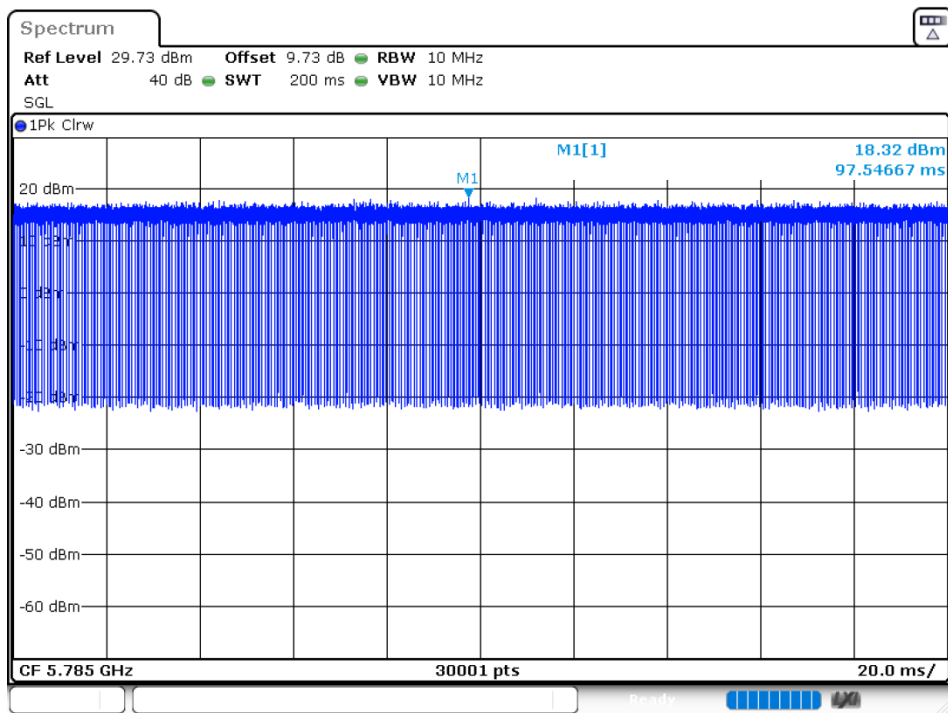
Duty Cycle NVNT 802.11a 5825MHz



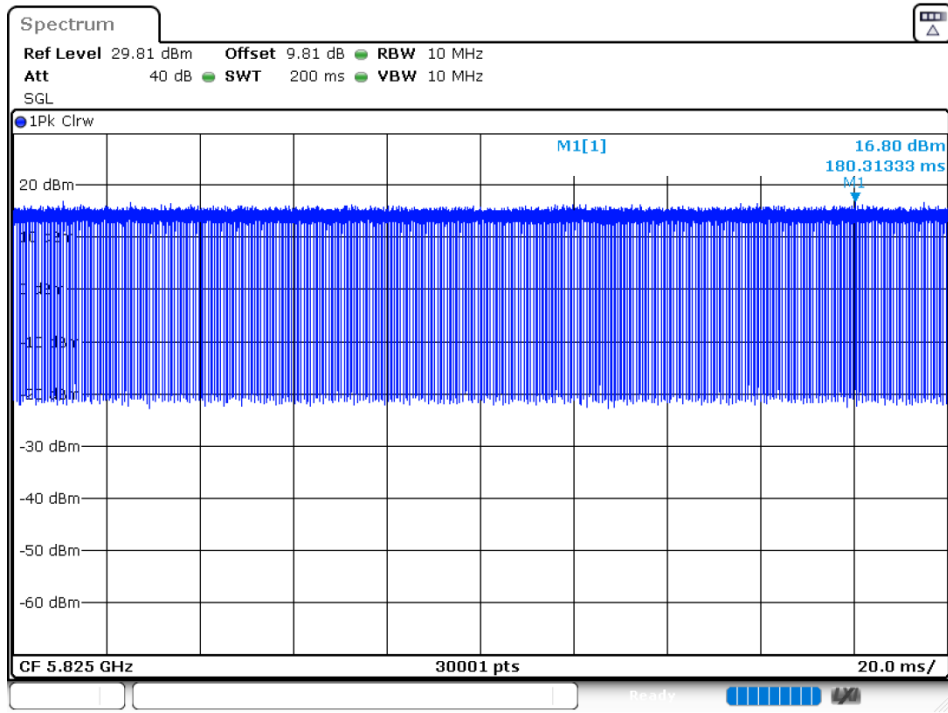
Duty Cycle NVNT 802.11ac20 5745MHz



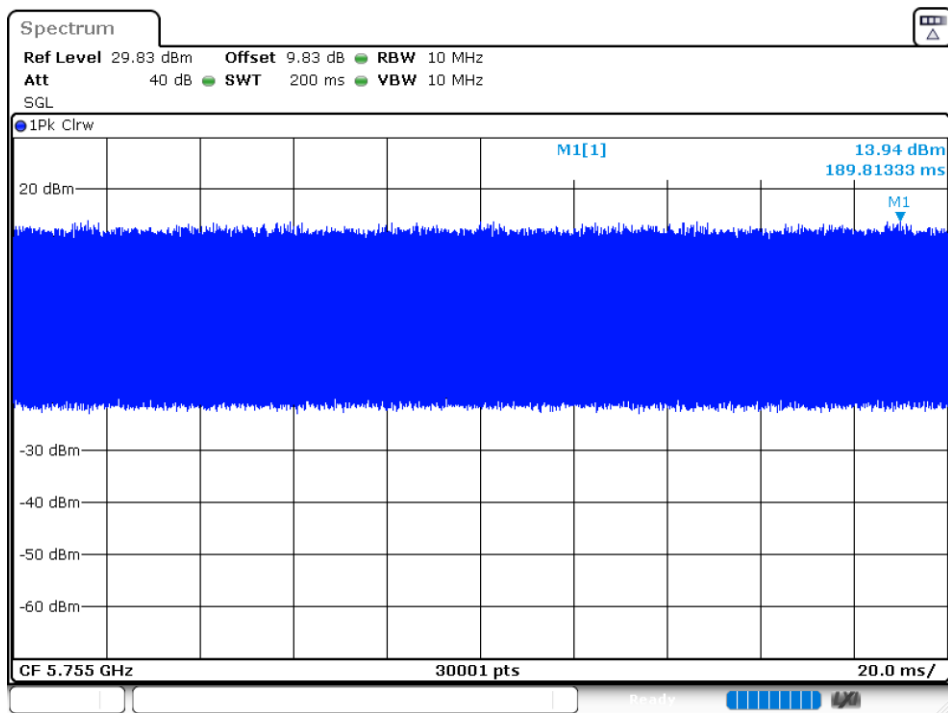
Duty Cycle NVNT 802.11ac20 5785MHz



Duty Cycle NVNT 802.11ac20 5825MHz

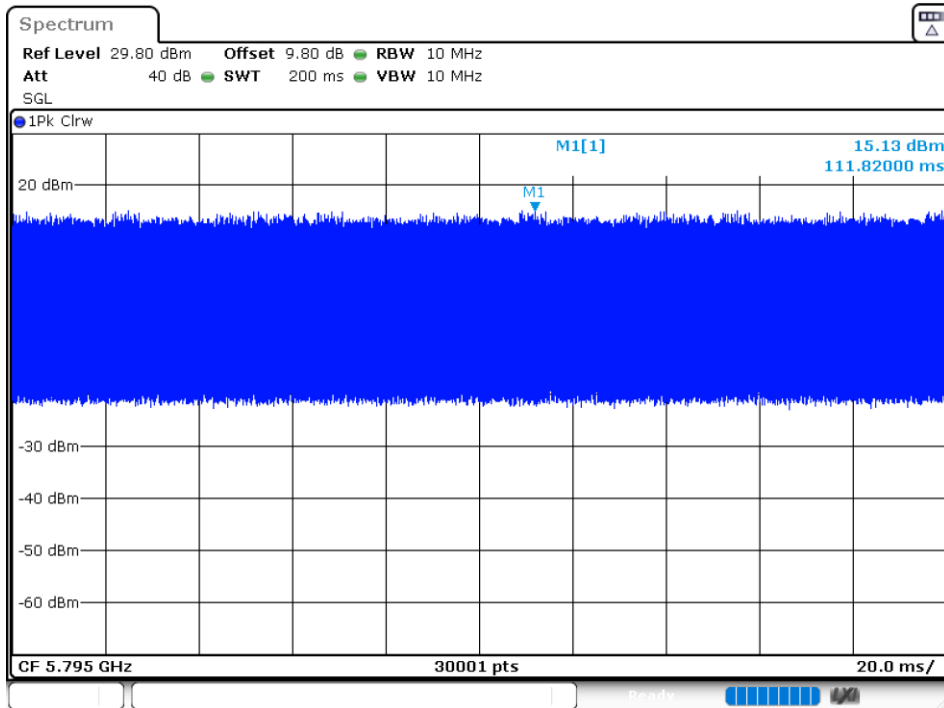


Duty Cycle NVNT 802.11ac40 5755MHz

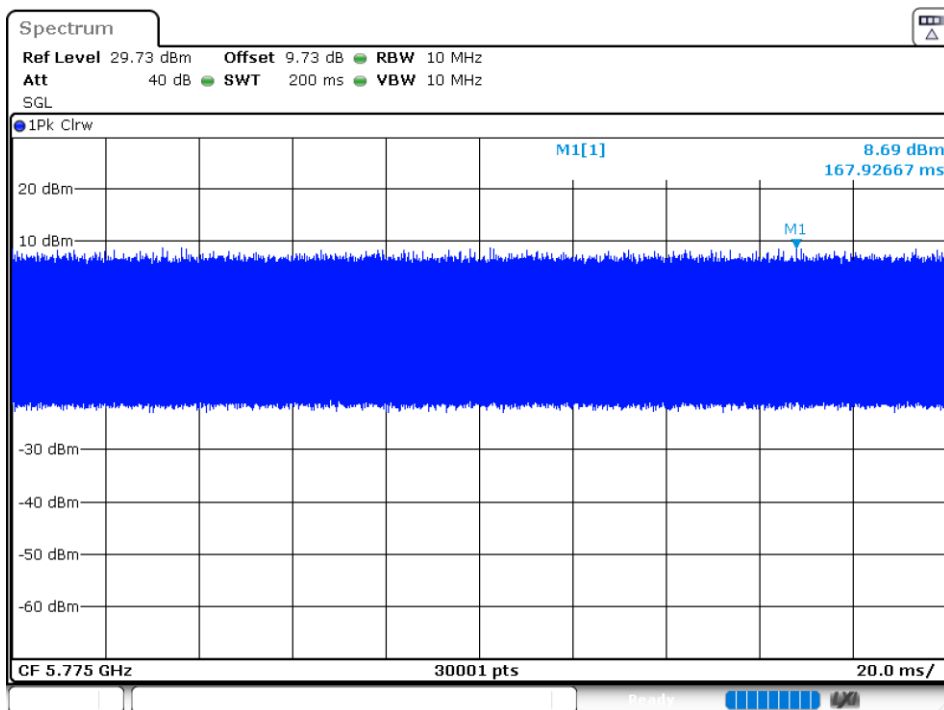


Duty Cycle NVNT 802.11ac40 5795MHz

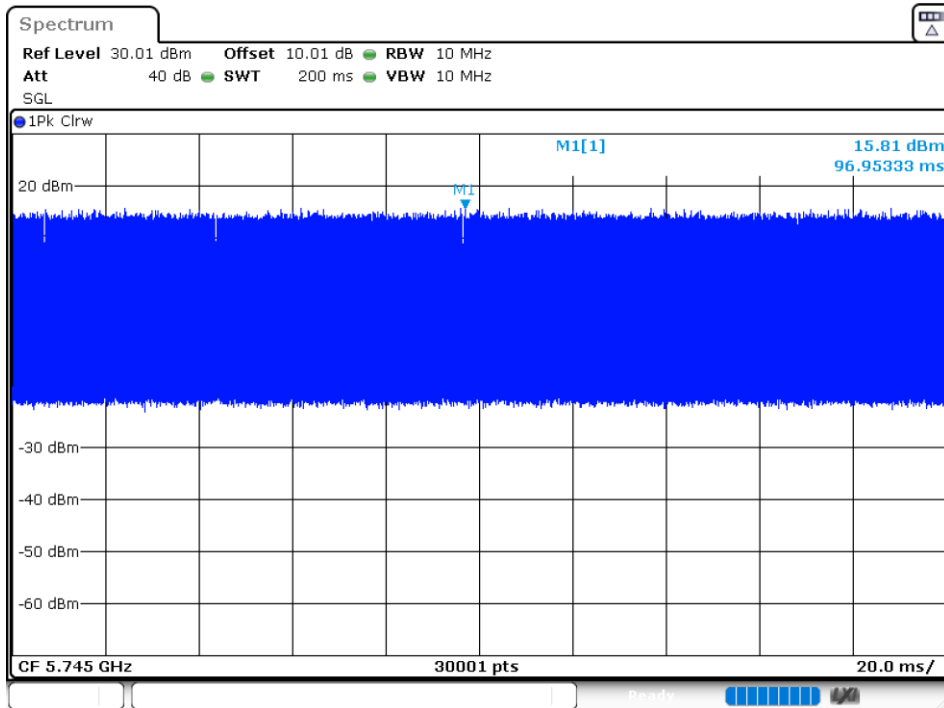




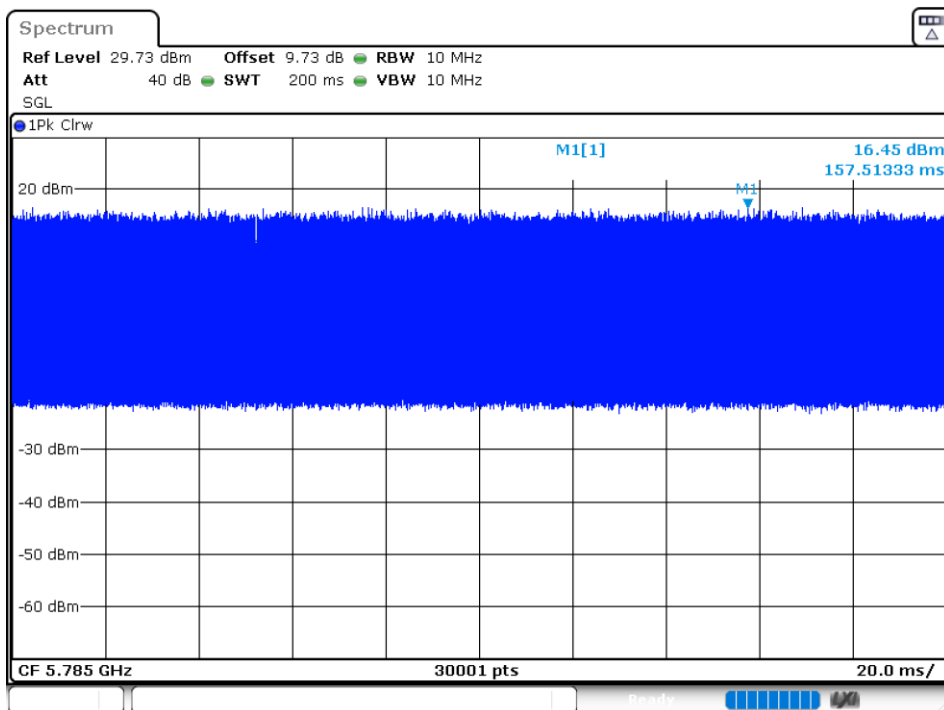
Duty Cycle NVNT 802.11ac80 5775MHz



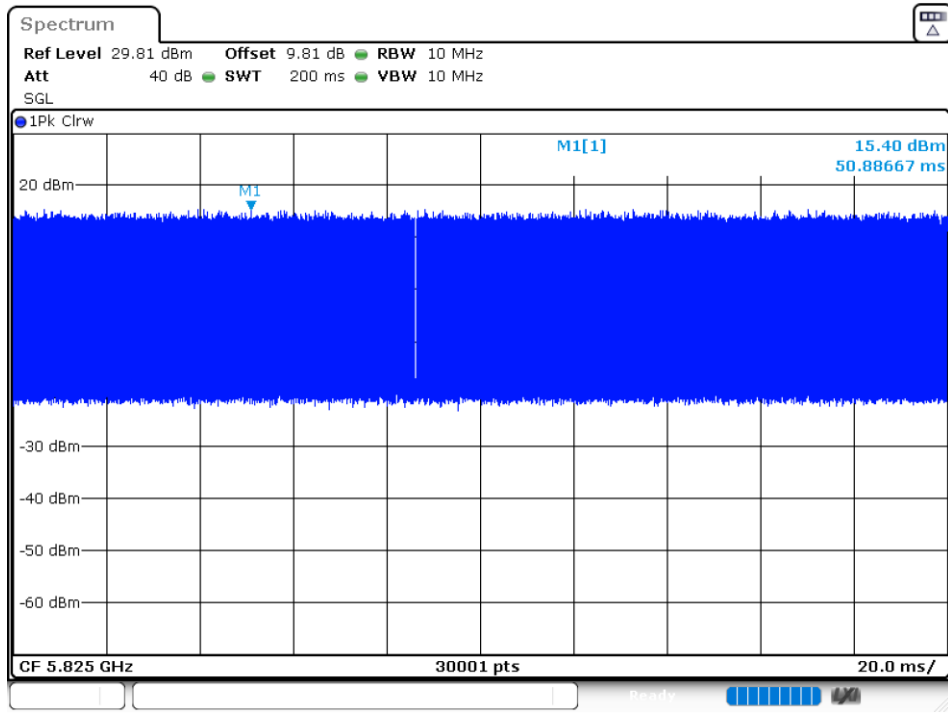
Duty Cycle NVNT 802.11n(HT20) 5745MHz



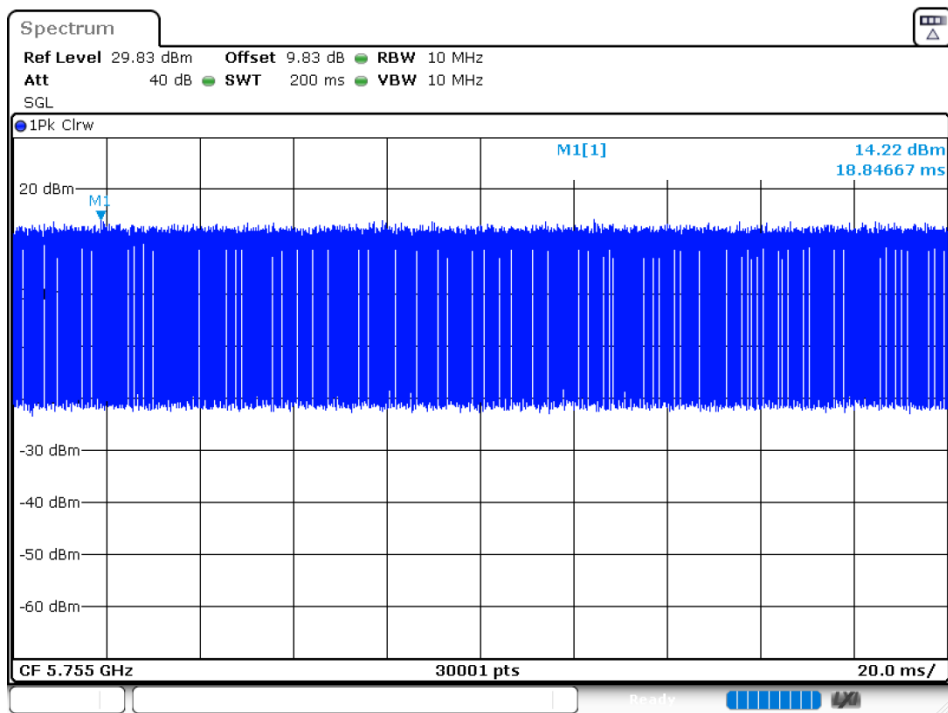
Duty Cycle NVNT 802.11n(HT20) 5785MHz



Duty Cycle NVNT 802.11n(HT20) 5825MHz



Duty Cycle NVNT 802.11n(HT40) 5755MHz



Duty Cycle NVNT 802.11n(HT40) 5795MHz