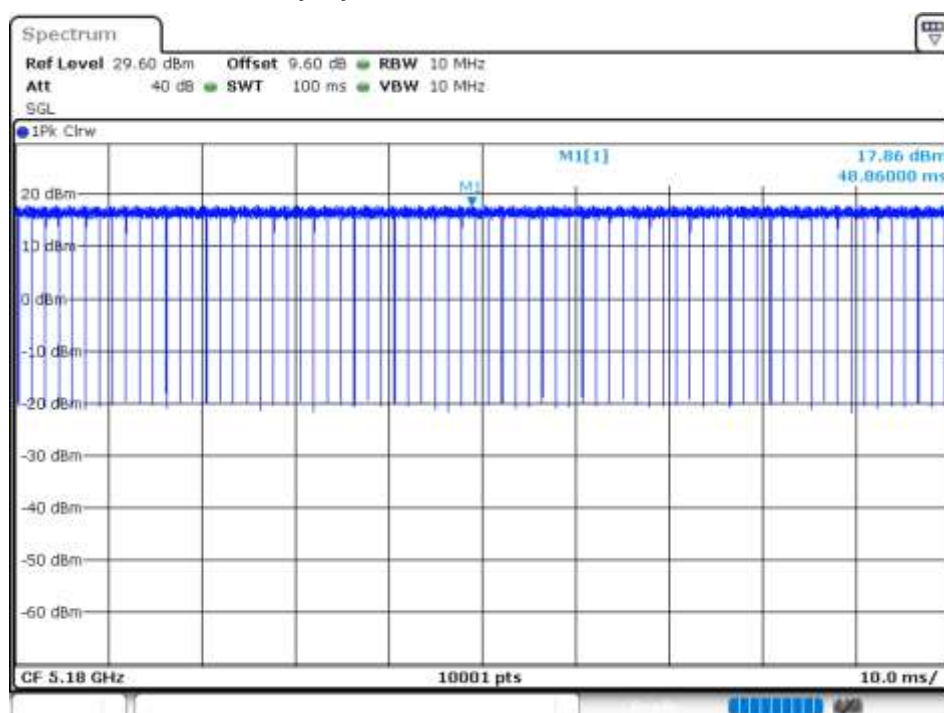


5.2G WIFI

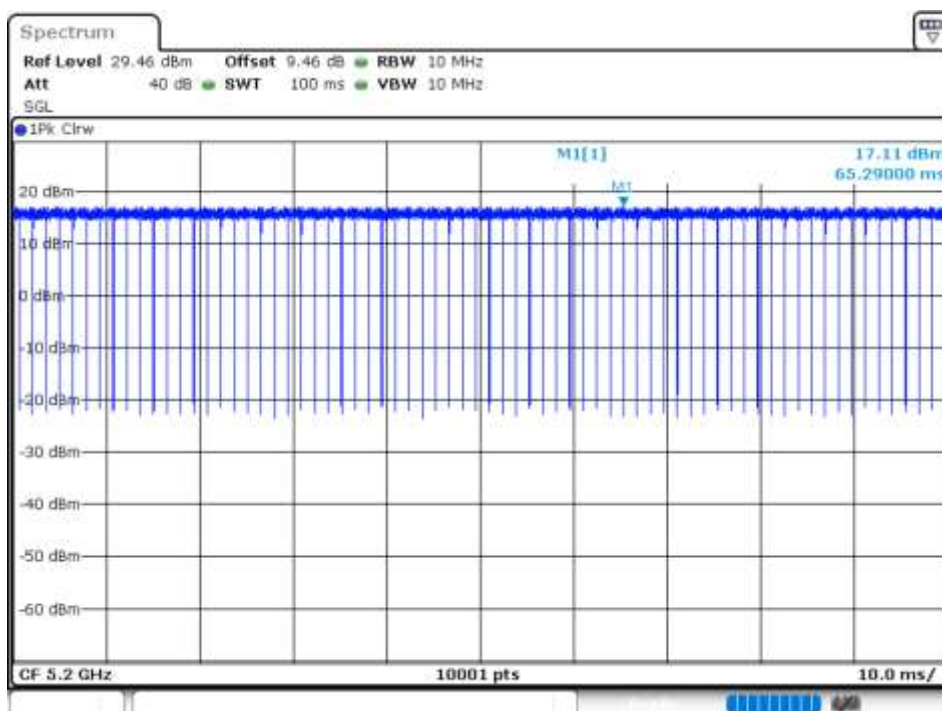
Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11a	5180	97.84	0.09
NVNT	802.11a	5200	97.78	0.1
NVNT	802.11a	5240	97.83	0.1
NVNT	802.11ac20	5180	97.67	0.1
NVNT	802.11ac20	5200	97.72	0.1
NVNT	802.11ac20	5240	97.69	0.1
NVNT	802.11ac40	5190	95.69	0.19
NVNT	802.11ac40	5230	95.71	0.19
NVNT	802.11ac80	5210	91.35	0.39
NVNT	802.11n(HT20)	5180	97.62	0.1
NVNT	802.11n(HT20)	5200	97.67	0.1
NVNT	802.11n(HT20)	5240	97.74	0.1
NVNT	802.11n(HT40)	5190	95.53	0.2
NVNT	802.11n(HT40)	5230	95.63	0.19

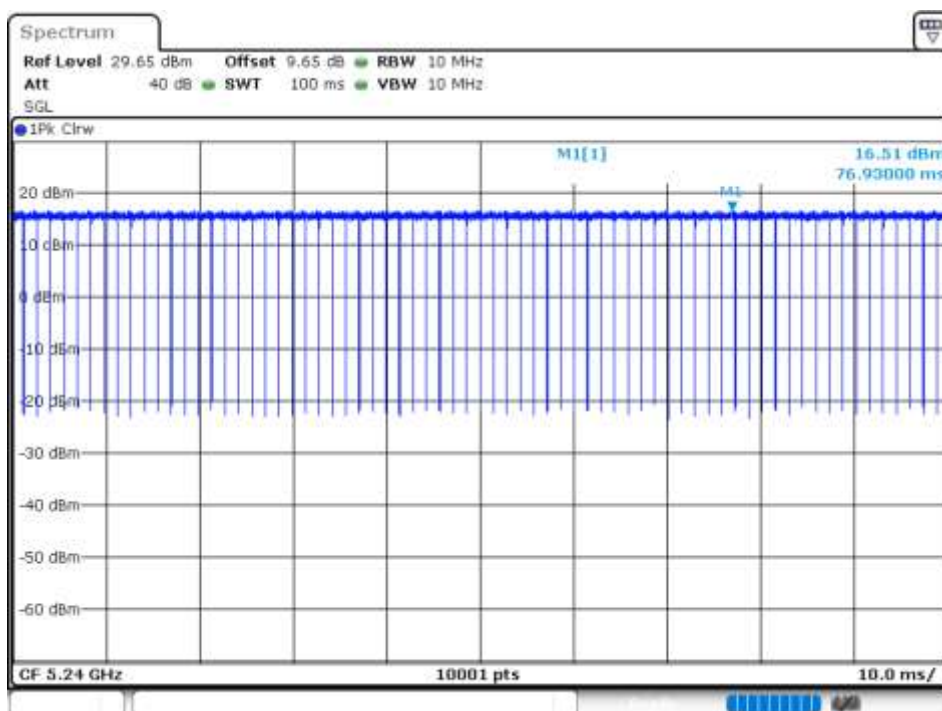
Duty Cycle NVNT 802.11a 5180MHz



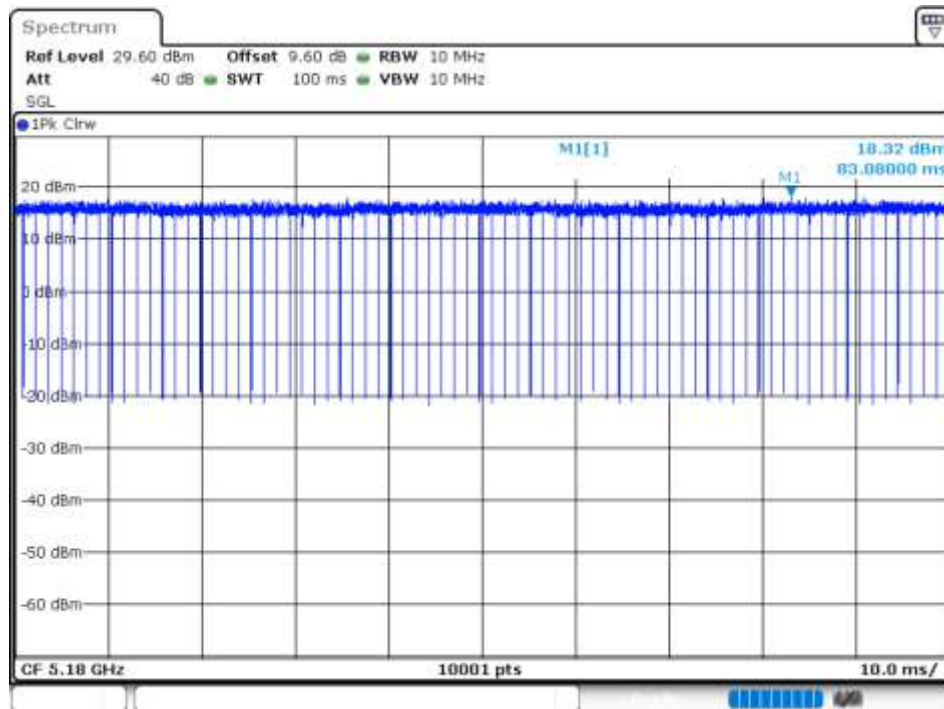
Duty Cycle NVNT 802.11a 5200MHz



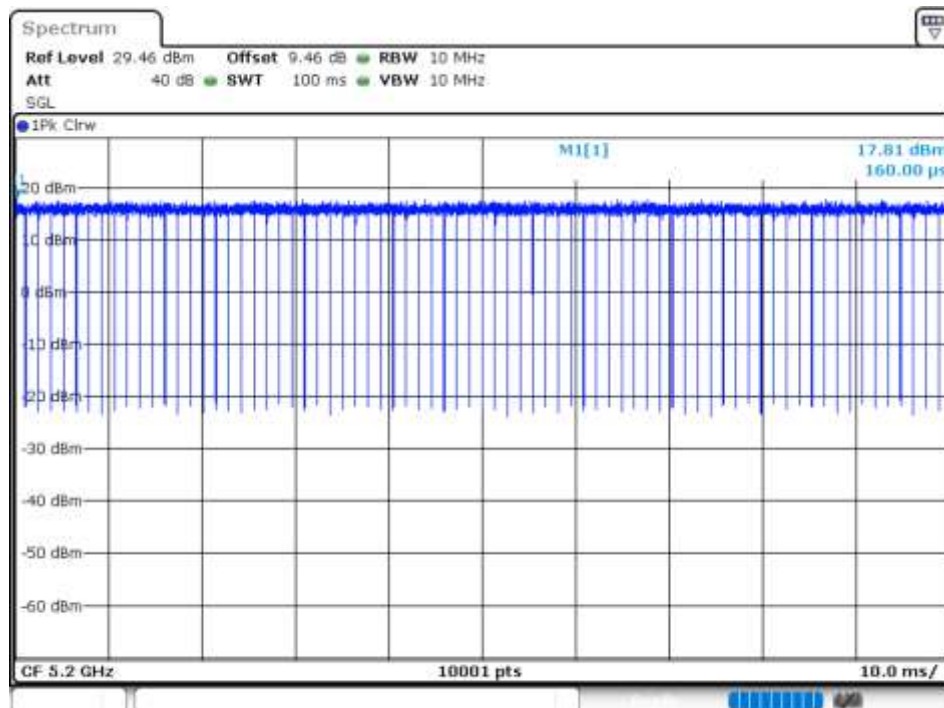
Duty Cycle NVNT 802.11a 5240MHz



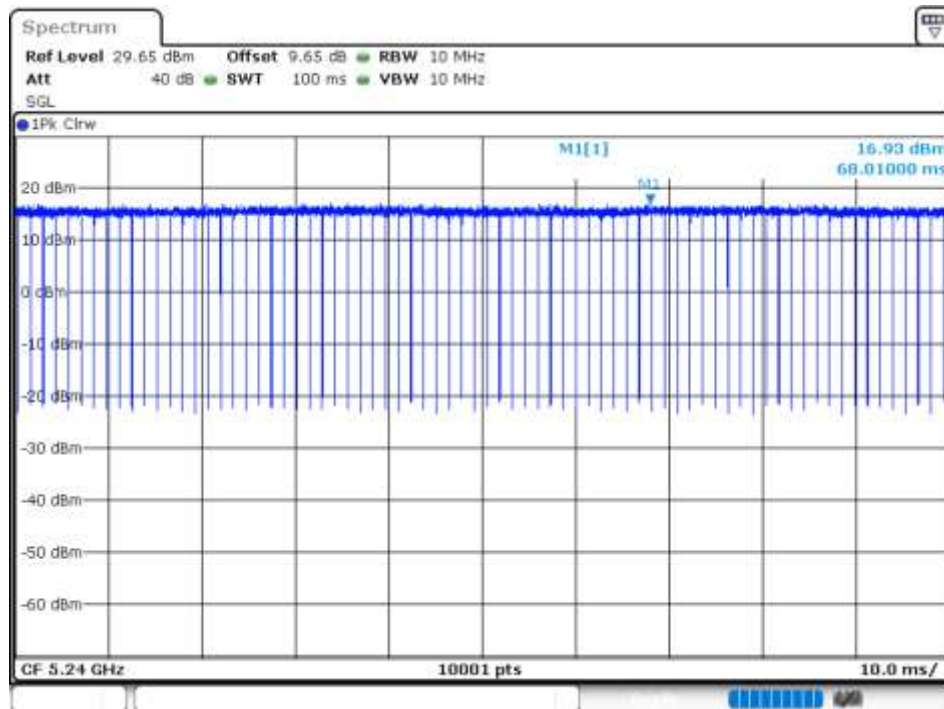
Duty Cycle NVNT 802.11ac20 5180MHz



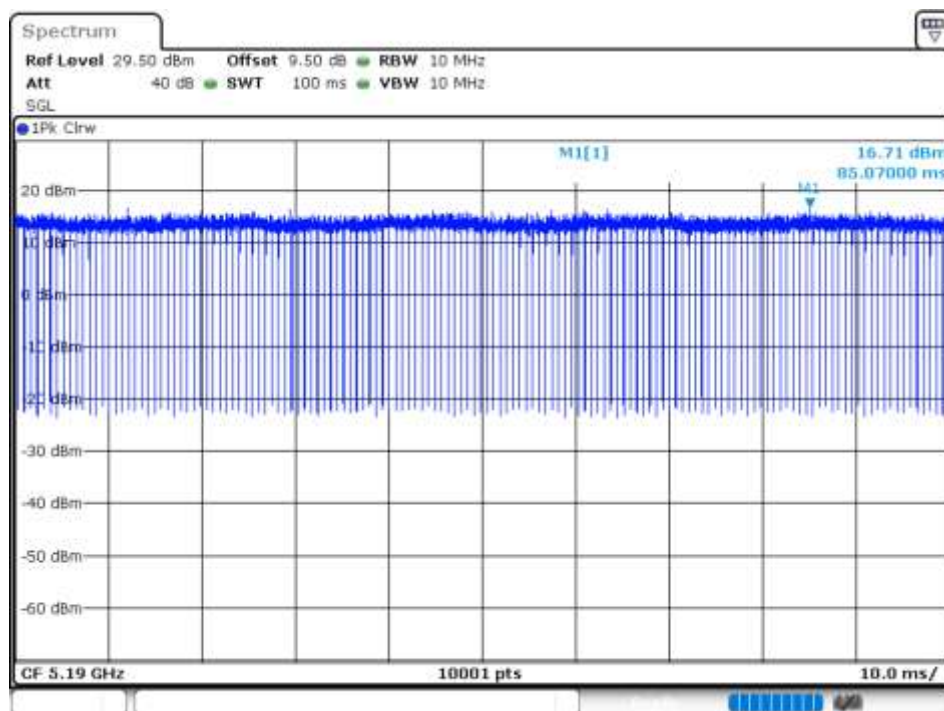
Duty Cycle NVNT 802.11ac20 5200MHz



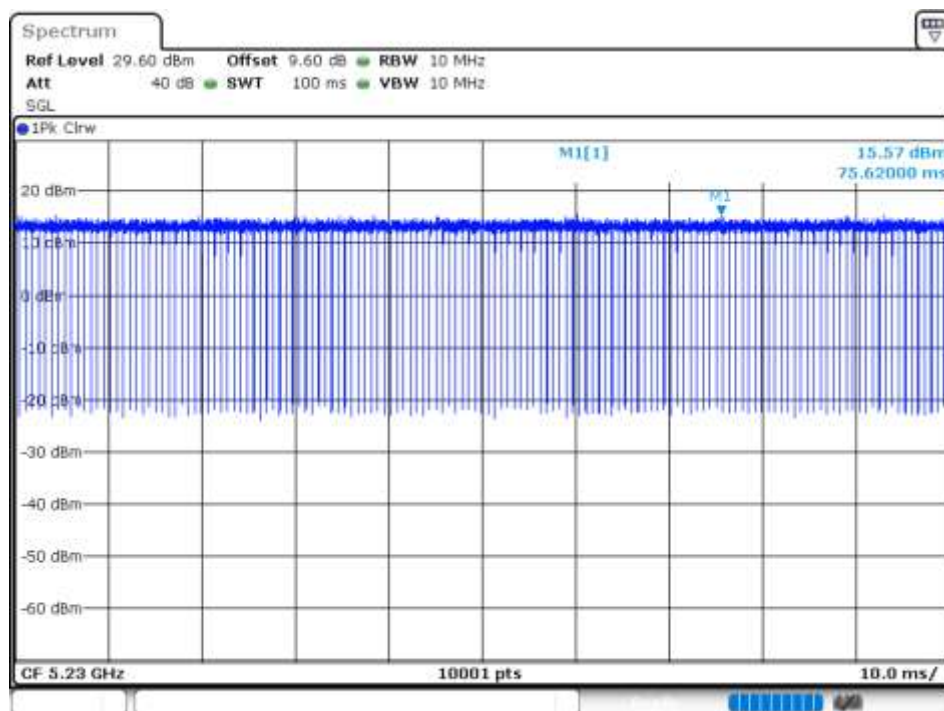
Duty Cycle NVNT 802.11ac20 5240MHz



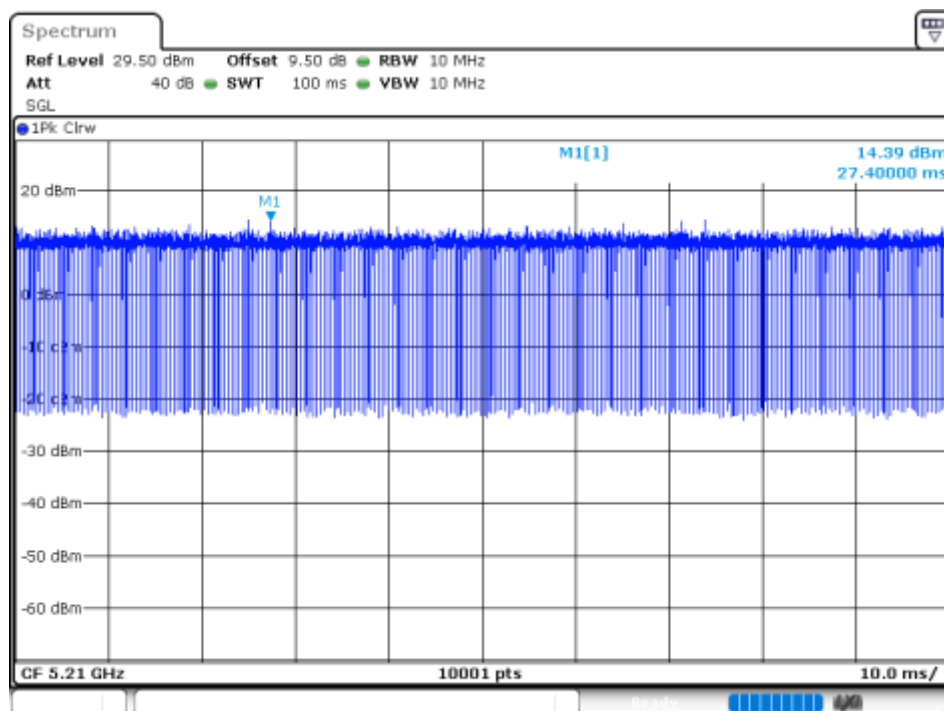
Duty Cycle NVNT 802.11ac40 5190MHz



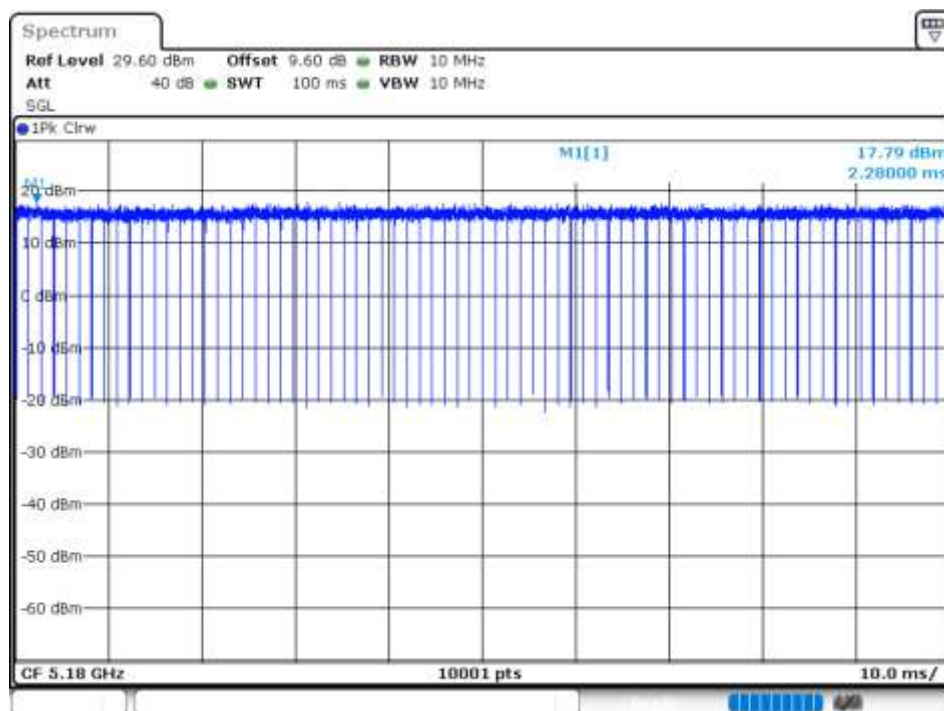
Duty Cycle NVNT 802.11ac40 5230MHz



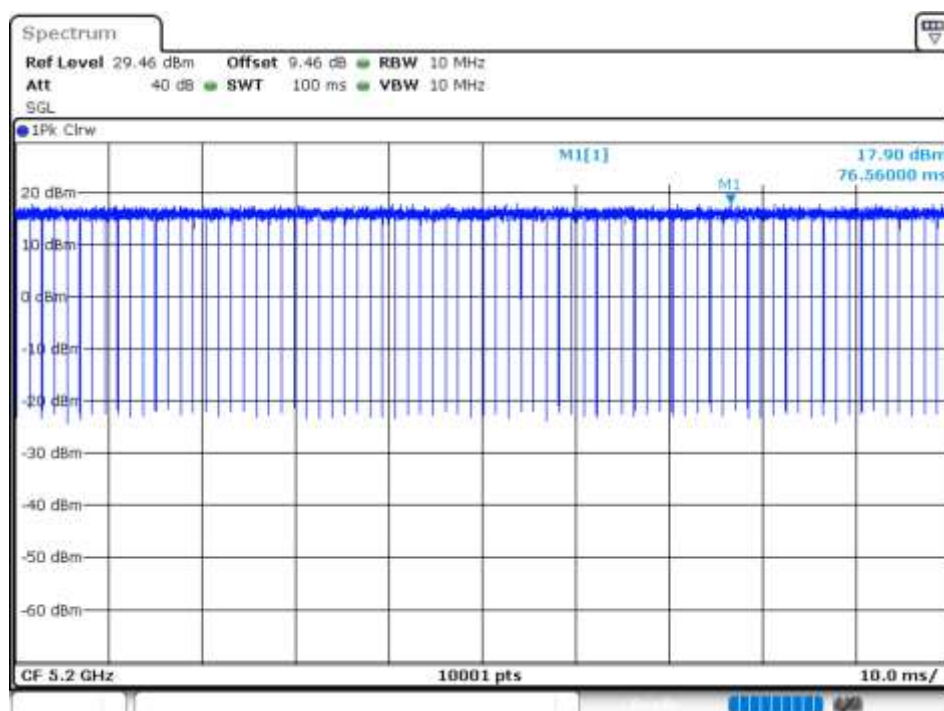
Duty Cycle NVNT 802.11ac80 5210MHz



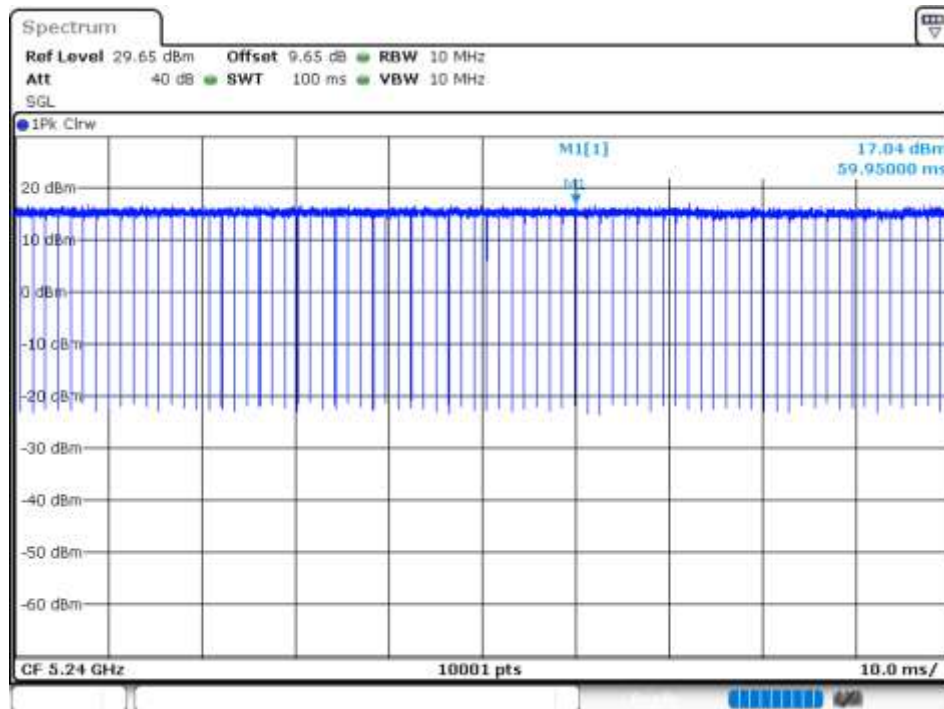
Duty Cycle NVNT 802.11n(HT20) 5180MHz



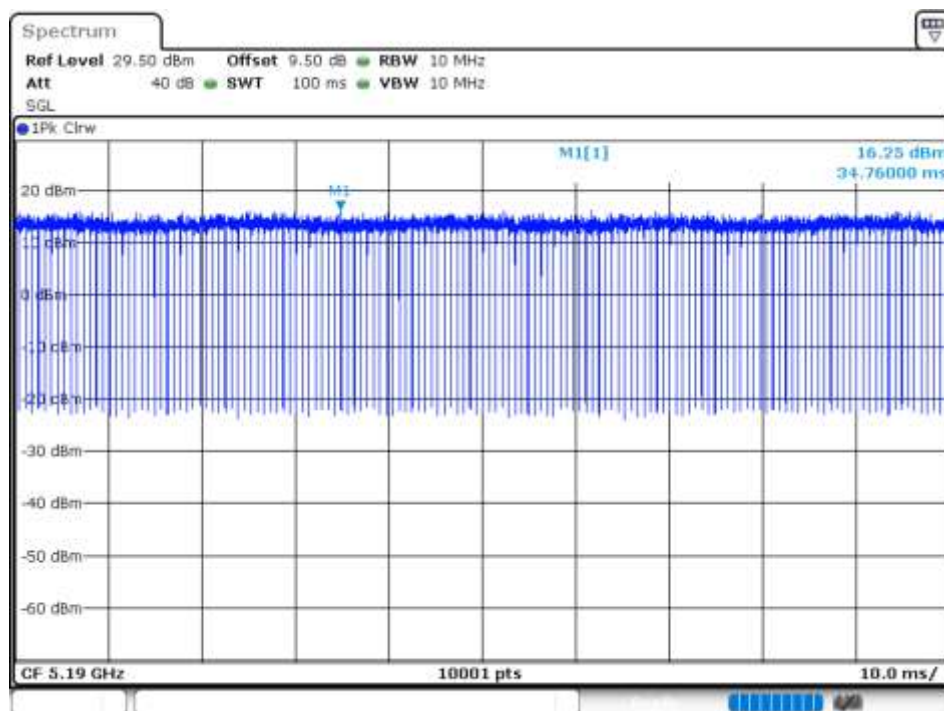
Duty Cycle NVNT 802.11n(HT20) 5200MHz



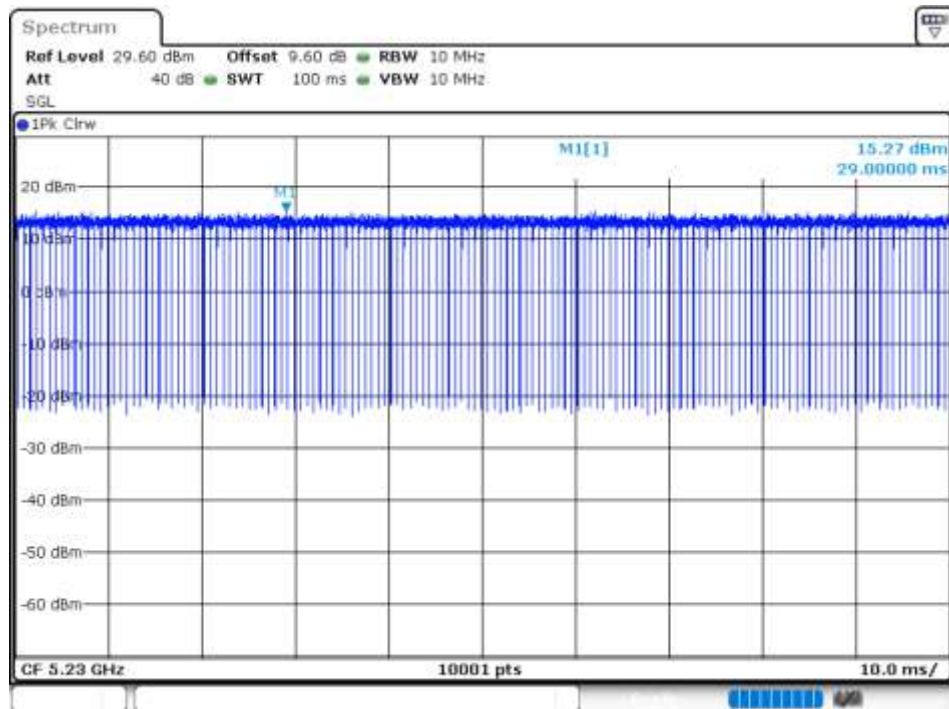
Duty Cycle NVNT 802.11n(HT20) 5240MHz



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	10.54	0.09	10.63	24	Pass
NVNT	802.11a	5200	Ant 1	9.51	0.1	9.61	24	Pass
NVNT	802.11a	5240	Ant 1	10.19	0.1	10.29	24	Pass
NVNT	802.11ac20	5180	Ant 1	10.28	0.1	10.38	24	Pass
NVNT	802.11ac20	5200	Ant 1	10.23	0.1	10.33	24	Pass
NVNT	802.11ac20	5240	Ant 1	10.2	0.1	10.3	24	Pass
NVNT	802.11ac40	5190	Ant 1	9.56	0.19	9.75	24	Pass
NVNT	802.11ac40	5230	Ant 1	9.8	0.19	9.99	24	Pass
NVNT	802.11ac80	5210	Ant 1	9.24	0.39	9.63	24	Pass
NVNT	802.11n(HT20)	5180	Ant 1	10.33	0.1	10.43	24	Pass
NVNT	802.11n(HT20)	5200	Ant 1	10.24	0.1	10.34	24	Pass
NVNT	802.11n(HT20)	5240	Ant 1	10.06	0.1	10.16	24	Pass
NVNT	802.11n(HT40)	5190	Ant 1	9.55	0.2	9.75	24	Pass
NVNT	802.11n(HT40)	5230	Ant 1	9.89	0.19	10.08	24	Pass

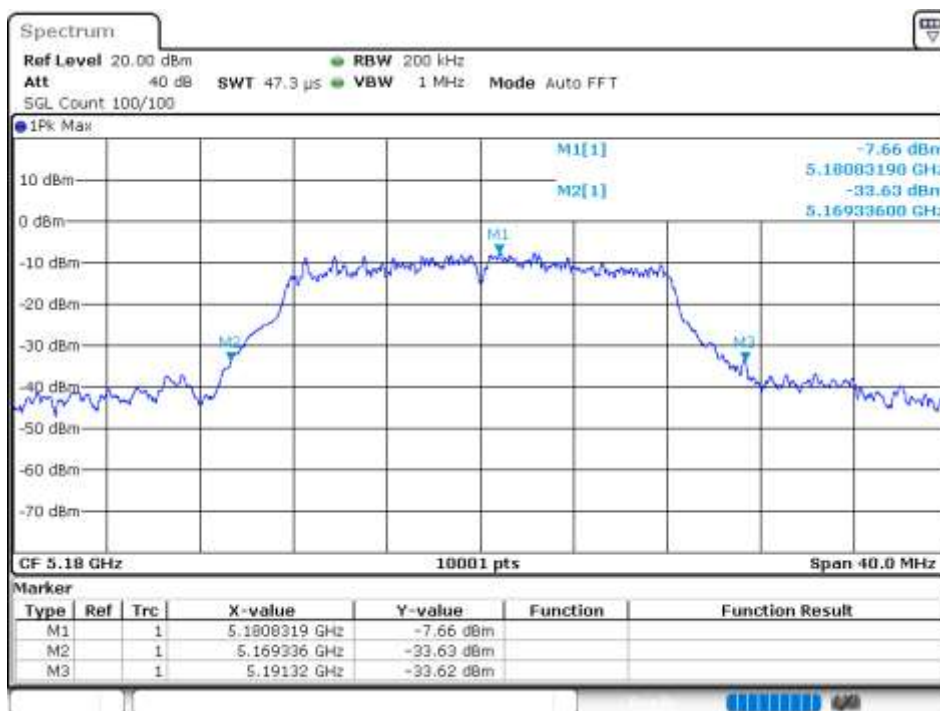
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)
NVNT	802.11a	5180	Ant 1	16.8783	21.984
NVNT	802.11a	5200	Ant 1	16.7383	21.756
NVNT	802.11a	5240	Ant 1	18.6581	29.056
NVNT	802.11ac20	5180	Ant 1	18.2702	23.996
NVNT	802.11ac20	5200	Ant 1	18.1502	25.532
NVNT	802.11ac20	5240	Ant 1	19.75	30.9
NVNT	802.11ac40	5190	Ant 1	36.3564	51.712
NVNT	802.11ac40	5230	Ant 1	43.0037	70.296
NVNT	802.11ac80	5210	Ant 1	78.4082	121.44
NVNT	802.11n(HT20)	5180	Ant 1	18.5141	23.832
NVNT	802.11n(HT20)	5200	Ant 1	18.0782	27.056
NVNT	802.11n(HT20)	5240	Ant 1	19.526	34.488
NVNT	802.11n(HT40)	5190	Ant 1	36.3964	53.936
NVNT	802.11n(HT40)	5230	Ant 1	44.3236	71.216

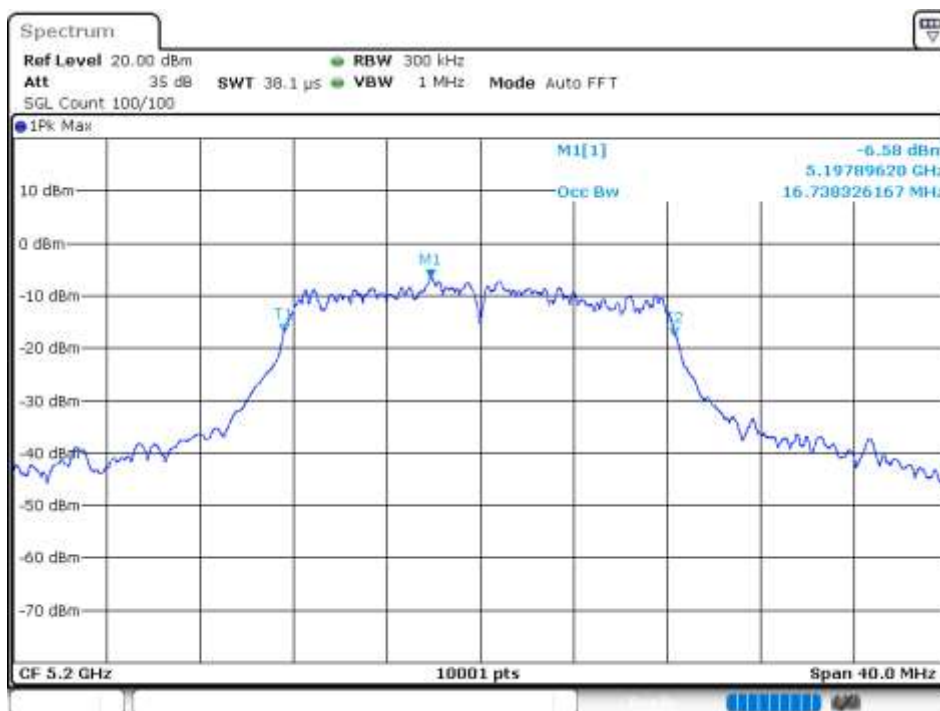
OBW NVNT 802.11a 5180MHz Ant1



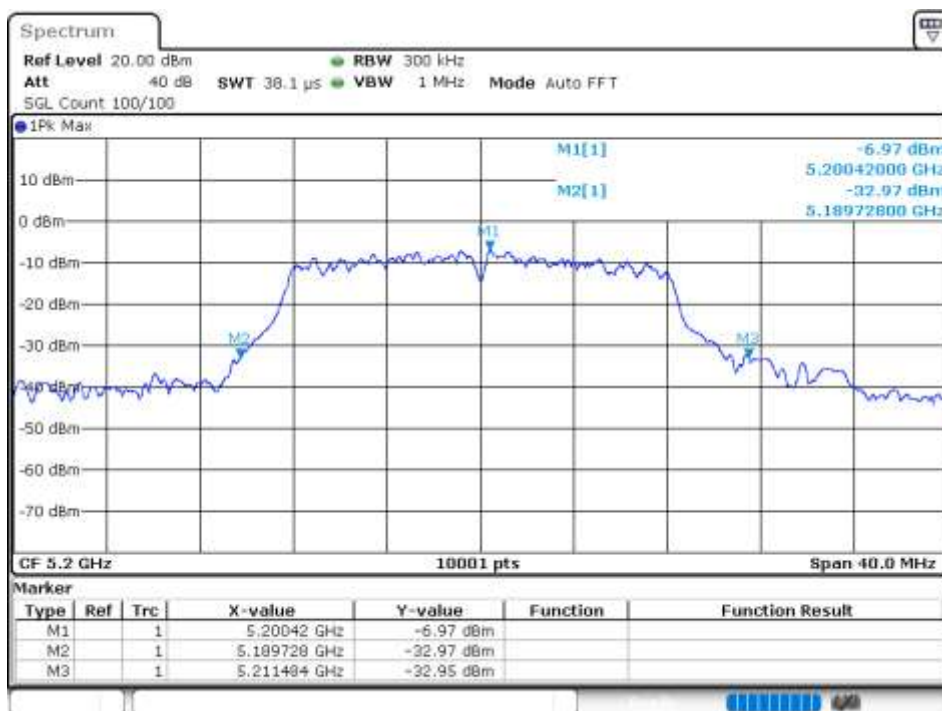
-26 dB BW NVNT 802.11a 5180MHz Ant1



OBW NVNT 802.11a 5200MHz Ant1



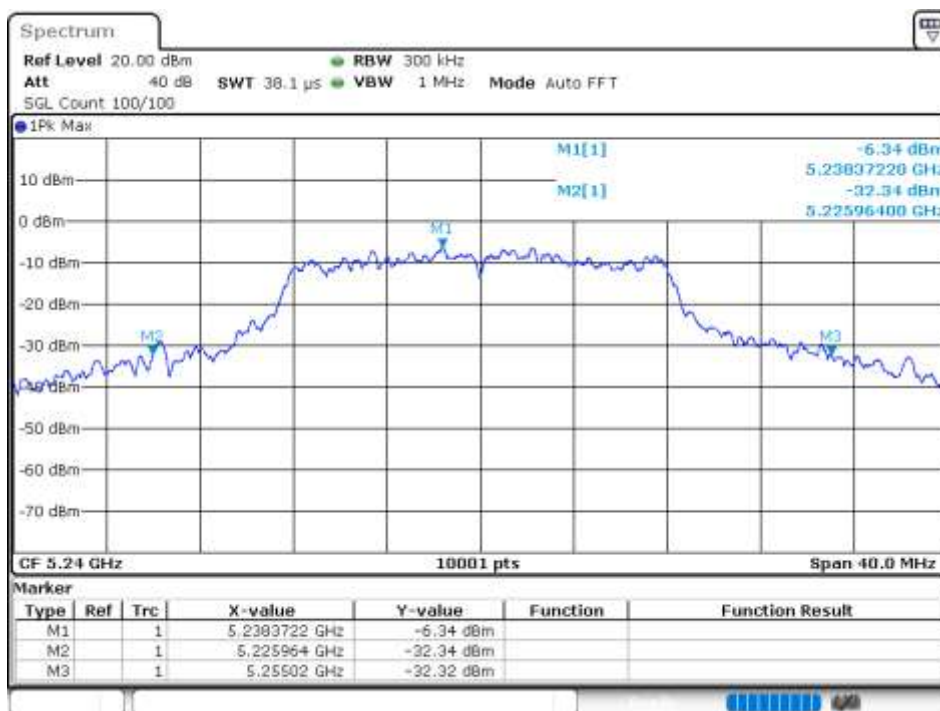
-26 dB BW NVNT 802.11a 5200MHz Ant1



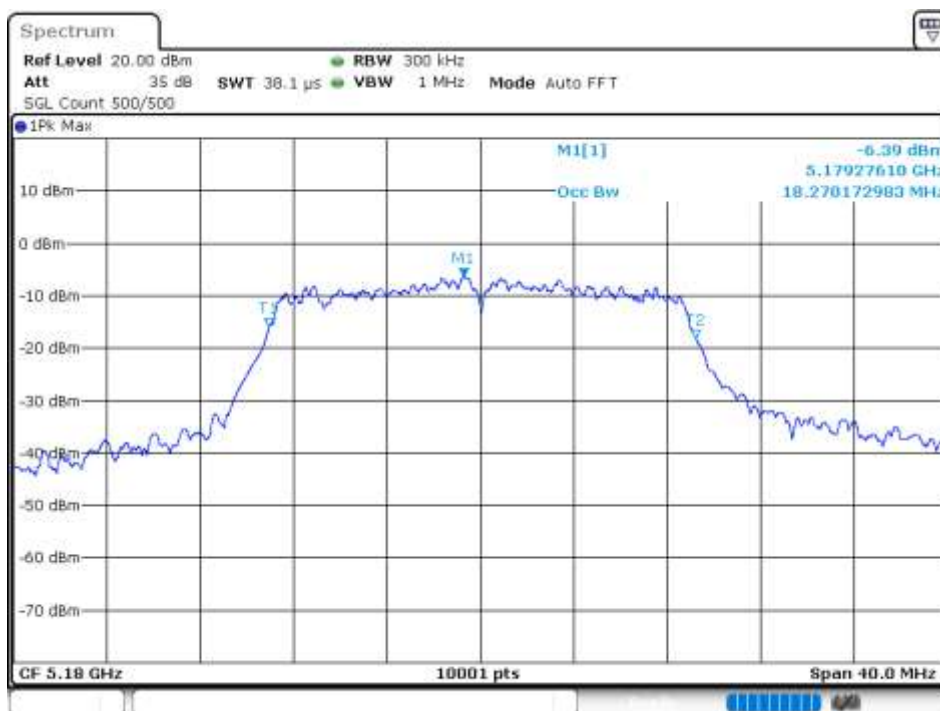
OBW NVNT 802.11a 5240MHz Ant1



-26 dB BW NVNT 802.11a 5240MHz Ant1



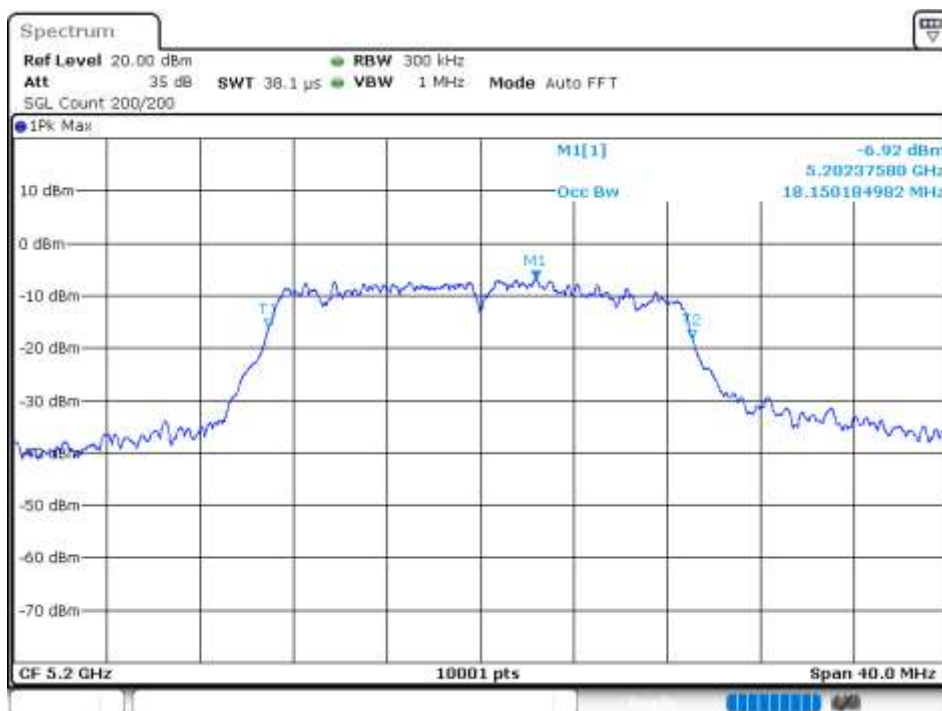
OBW NVNT 802.11ac20 5180MHz Ant1



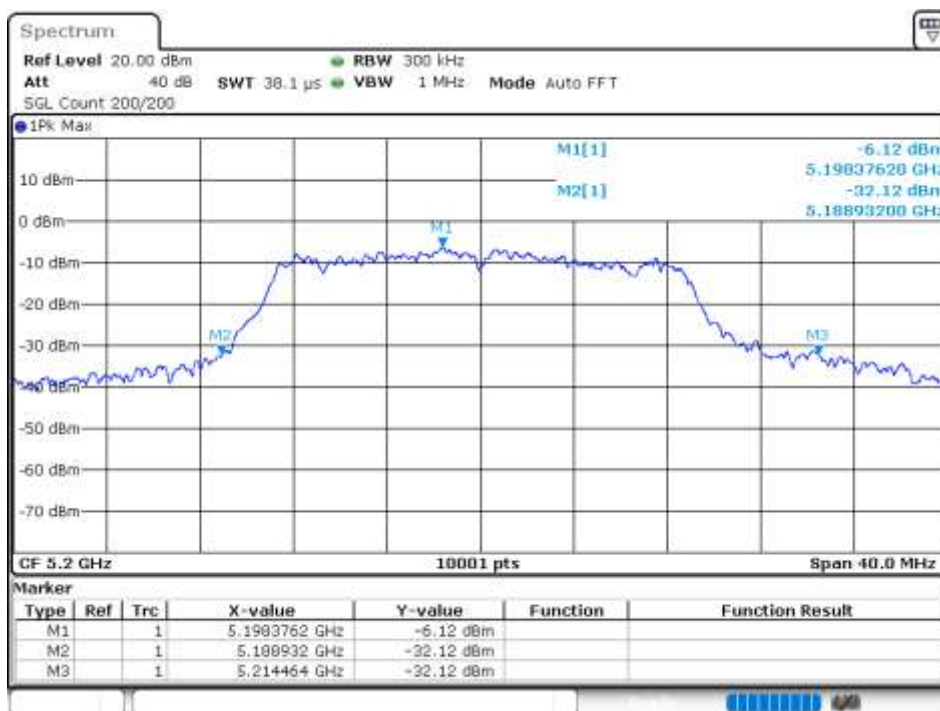
-26 dB BW NVNT 802.11ac20 5180MHz Ant1



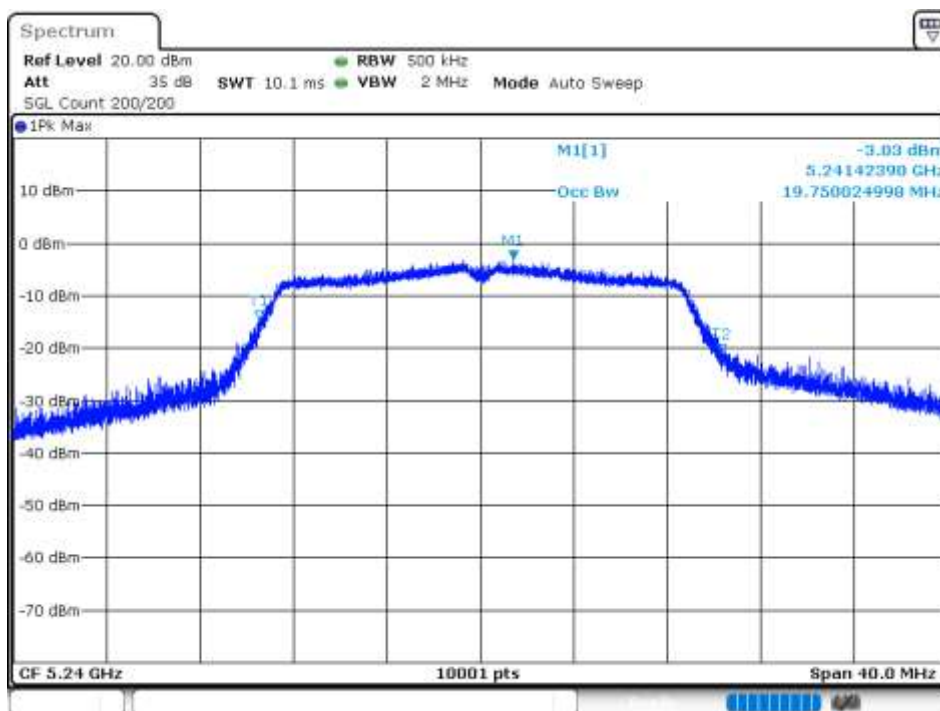
OBW NVNT 802.11ac20 5200MHz Ant1



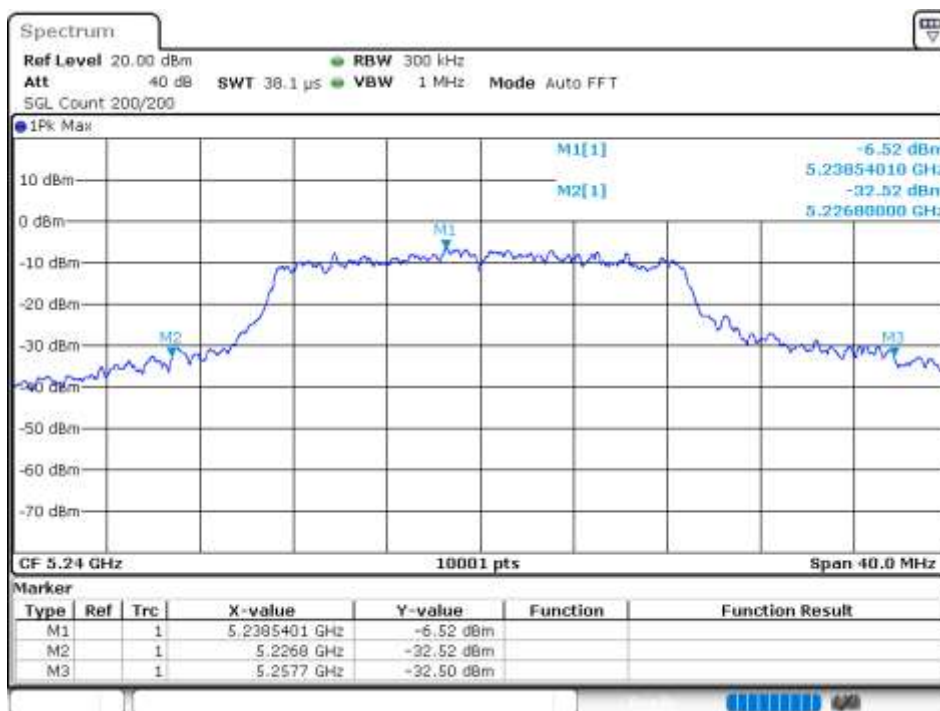
-26 dB BW NVNT 802.11ac20 5200MHz Ant1



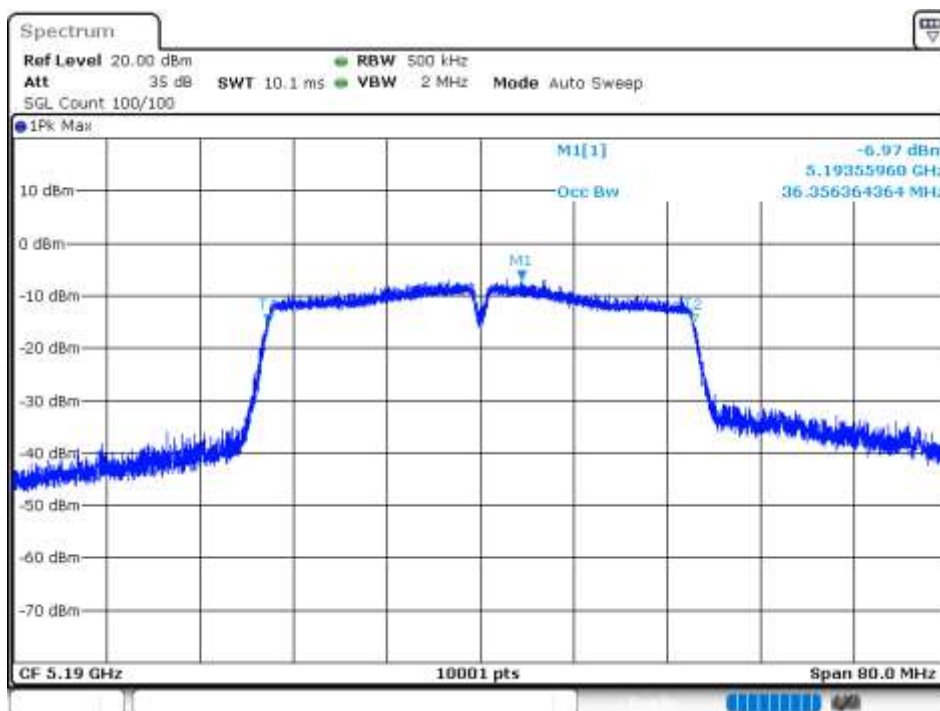
OBW NVNT 802.11ac20 5240MHz Ant1



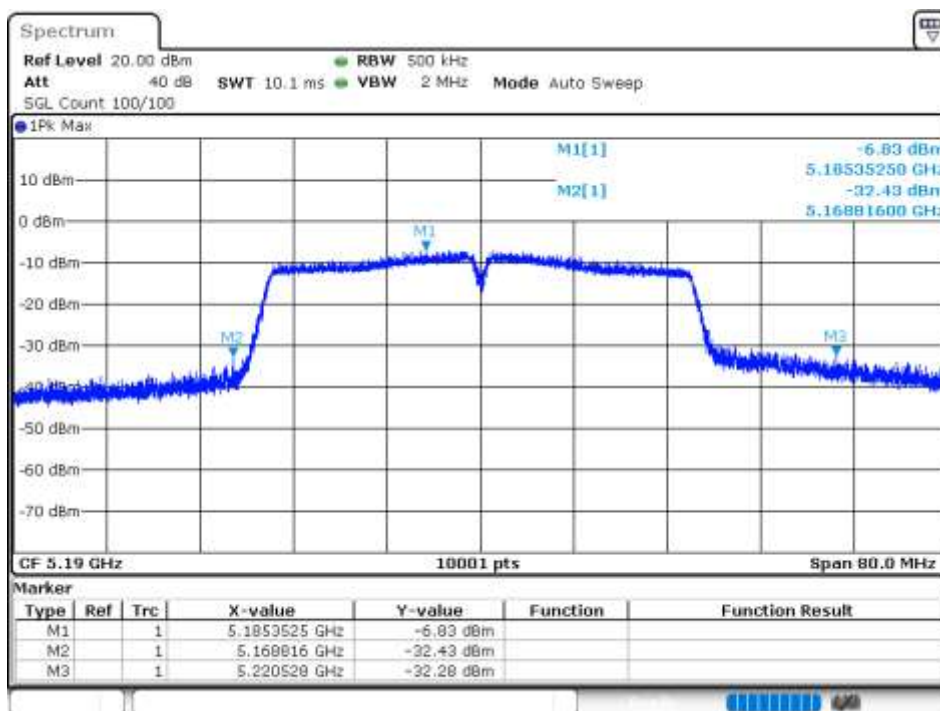
-26 dB BW NVNT 802.11ac20 5240MHz Ant1



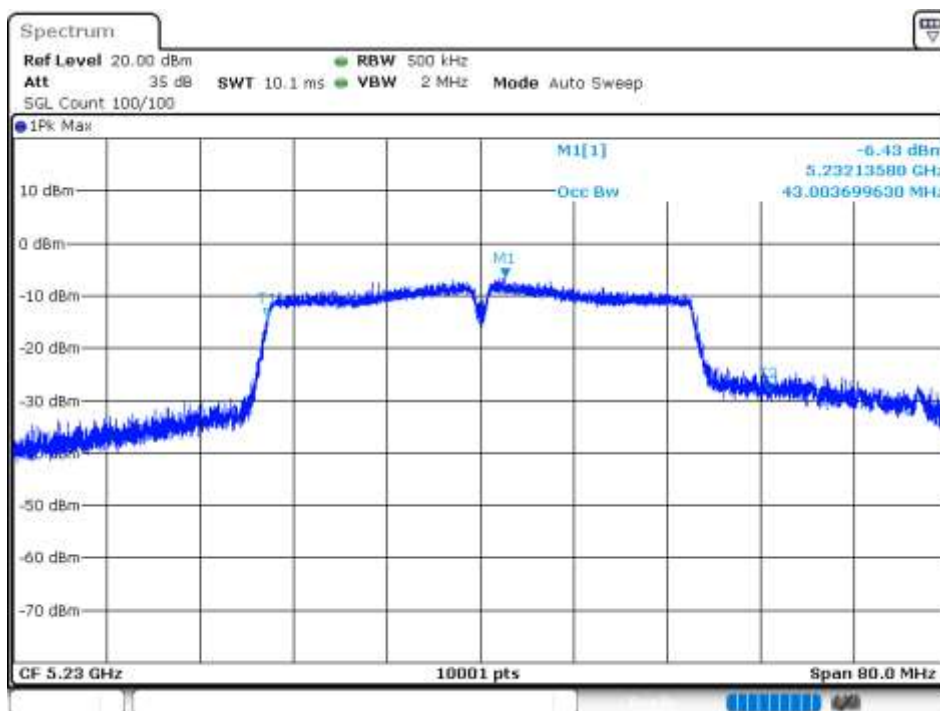
OBW NVNT 802.11ac40 5190MHz Ant1



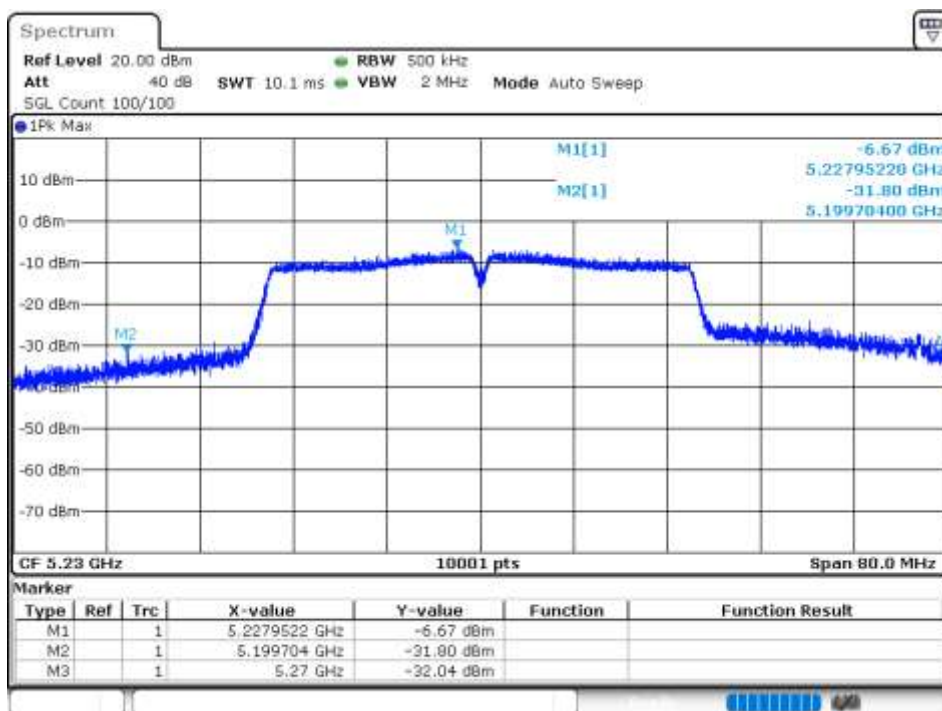
-26 dB BW NVNT 802.11ac40 5190MHz Ant1



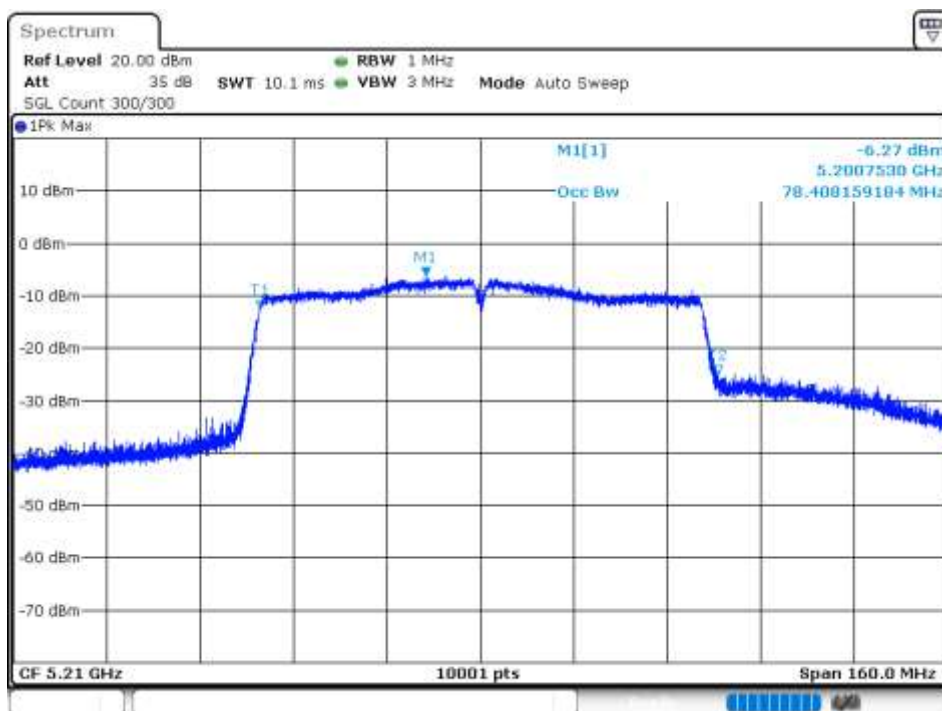
OBW NVNT 802.11ac40 5230MHz Ant1



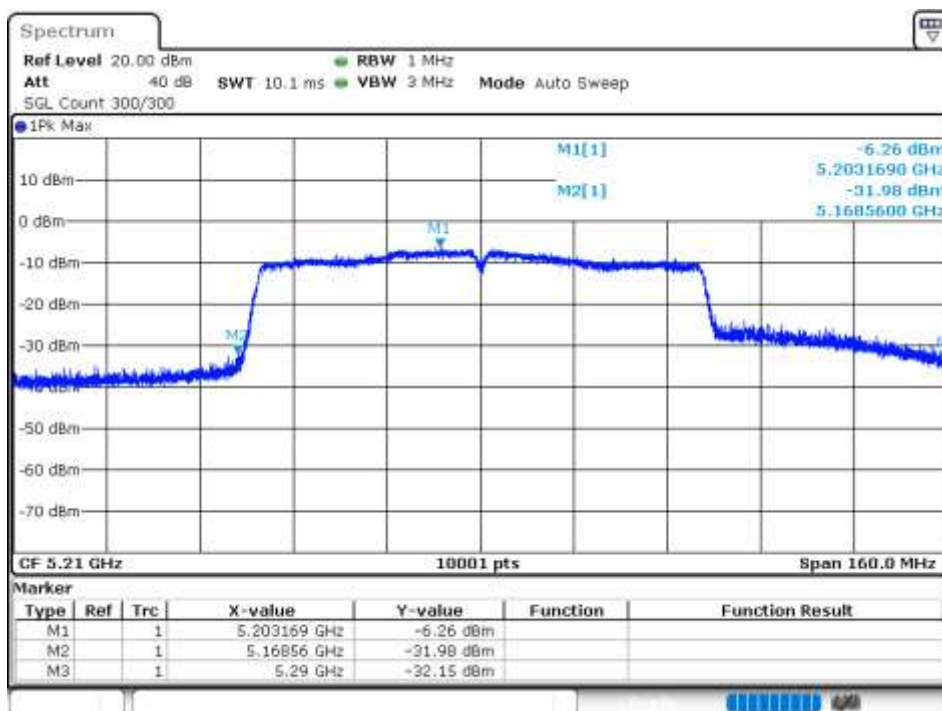
-26 dB BW NVNT 802.11ac40 5230MHz Ant1



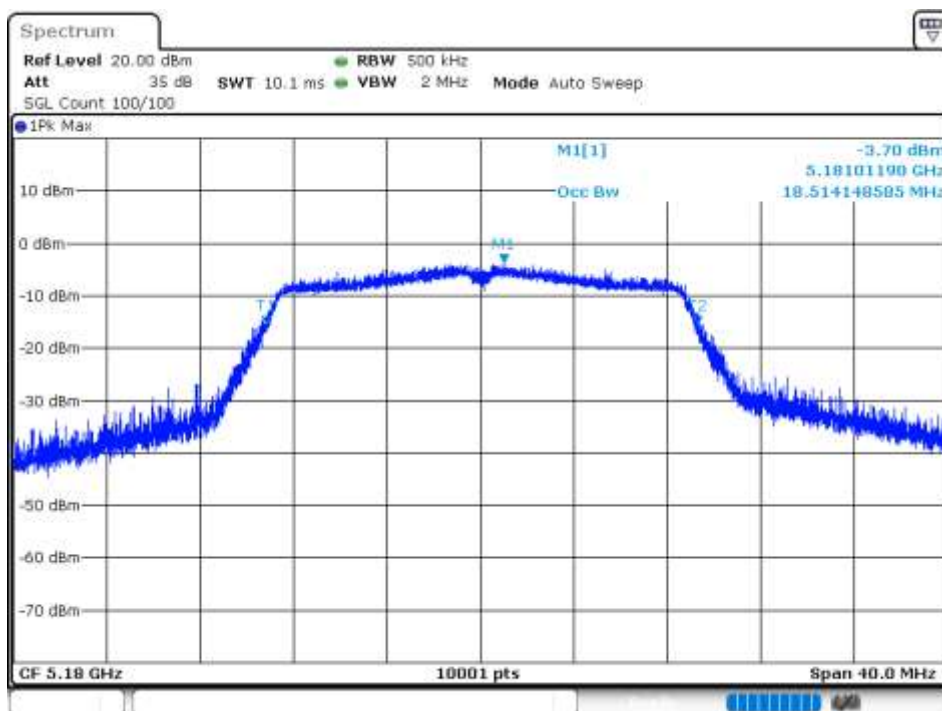
OBW NVNT 802.11ac80 5210MHz Ant1



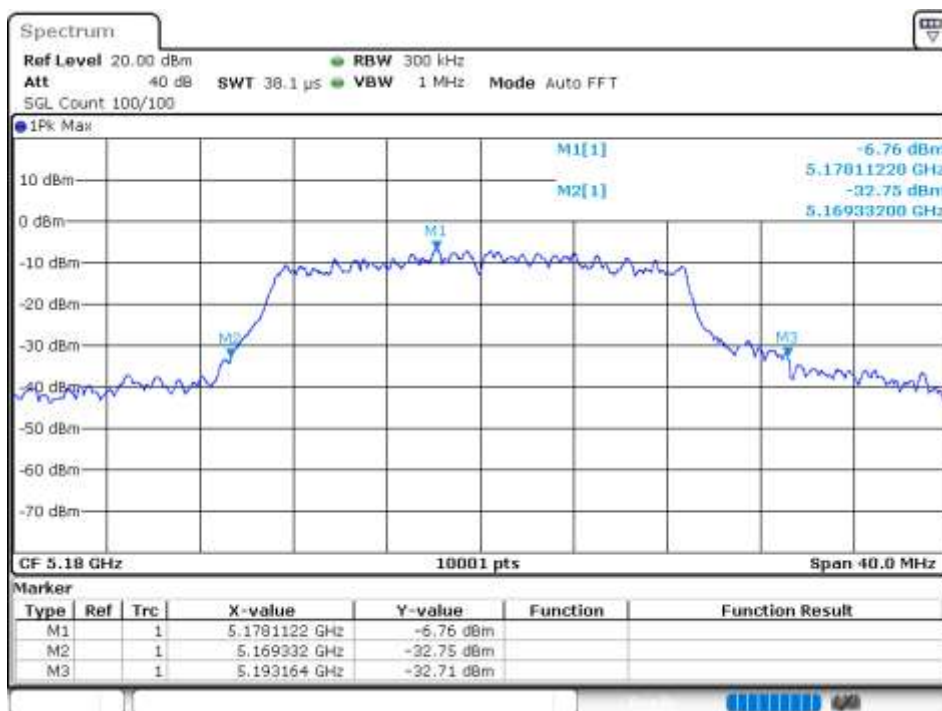
-26 dB BW NVNT 802.11ac80 5210MHz Ant1



OBW NVNT 802.11n(HT20) 5180MHz Ant1



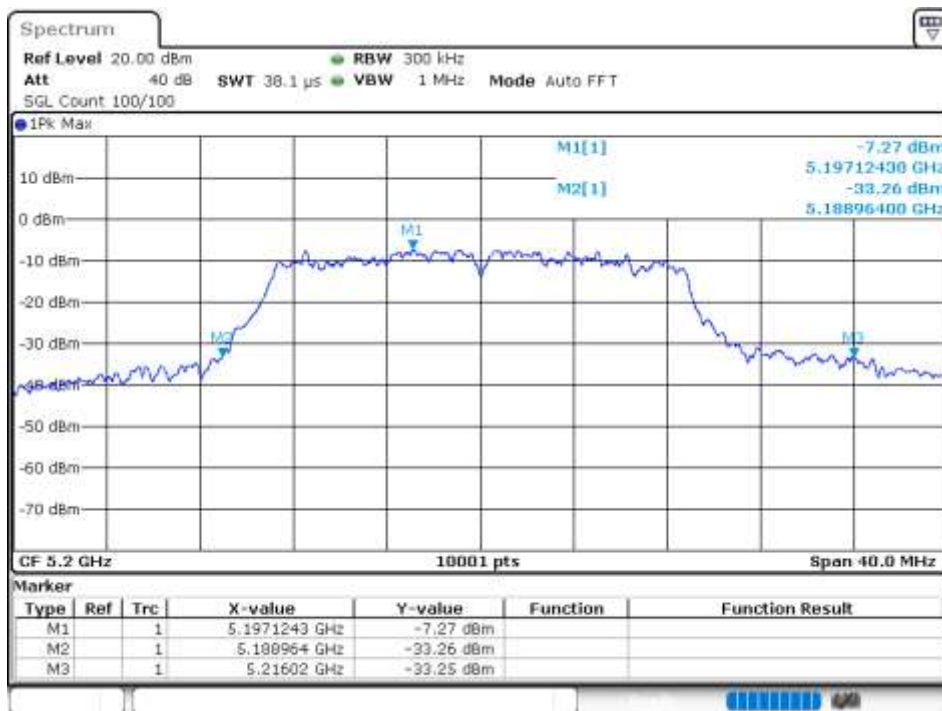
-26 dB BW NVNT 802.11n(HT20) 5180MHz Ant1



OBW NVNT 802.11n(HT20) 5200MHz Ant1



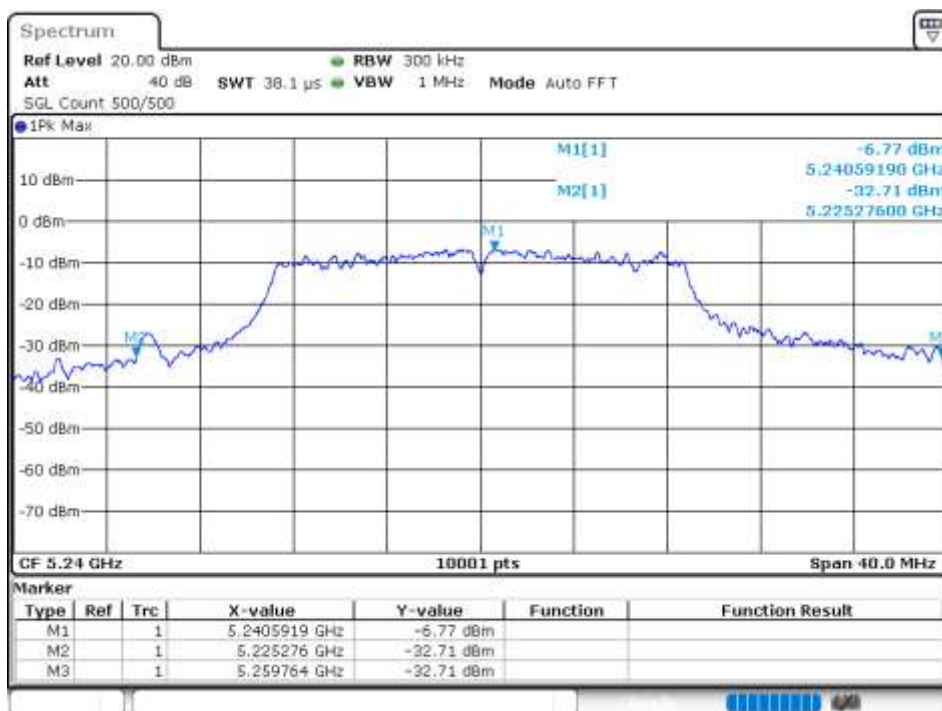
-26 dB BW NVNT 802.11n(HT20) 5200MHz Ant1



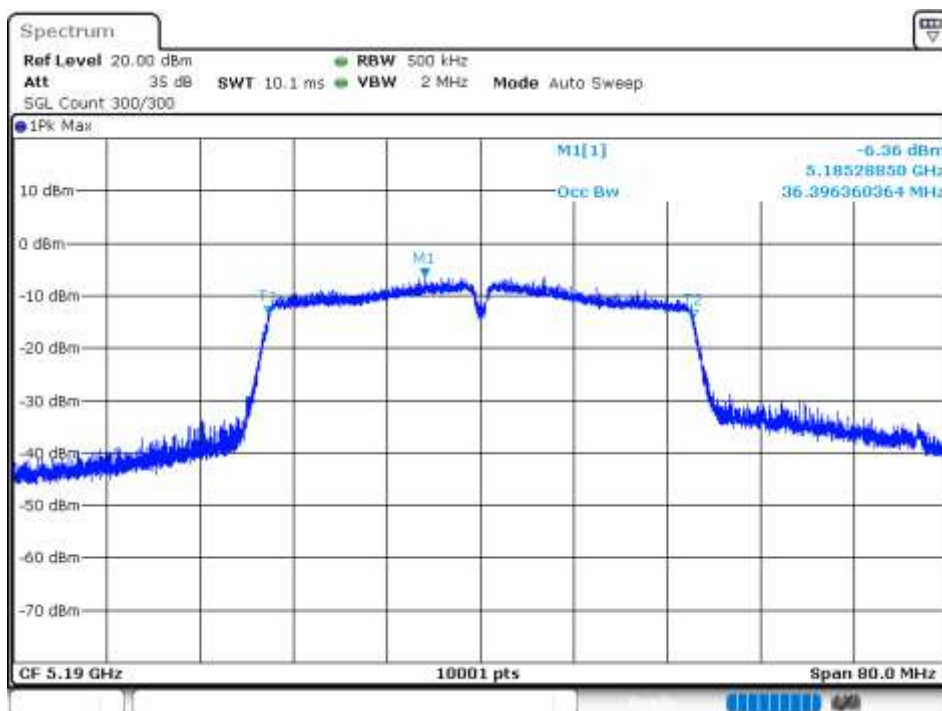
OBW NVNT 802.11n(HT20) 5240MHz Ant1



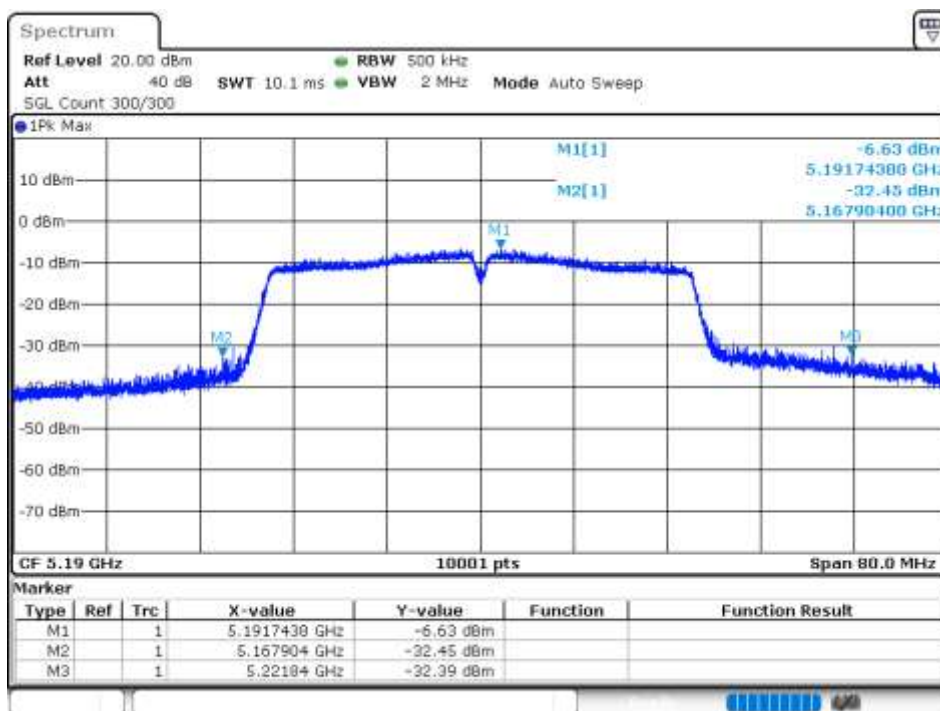
-26 dB BW NVNT 802.11n(HT20) 5240MHz Ant1



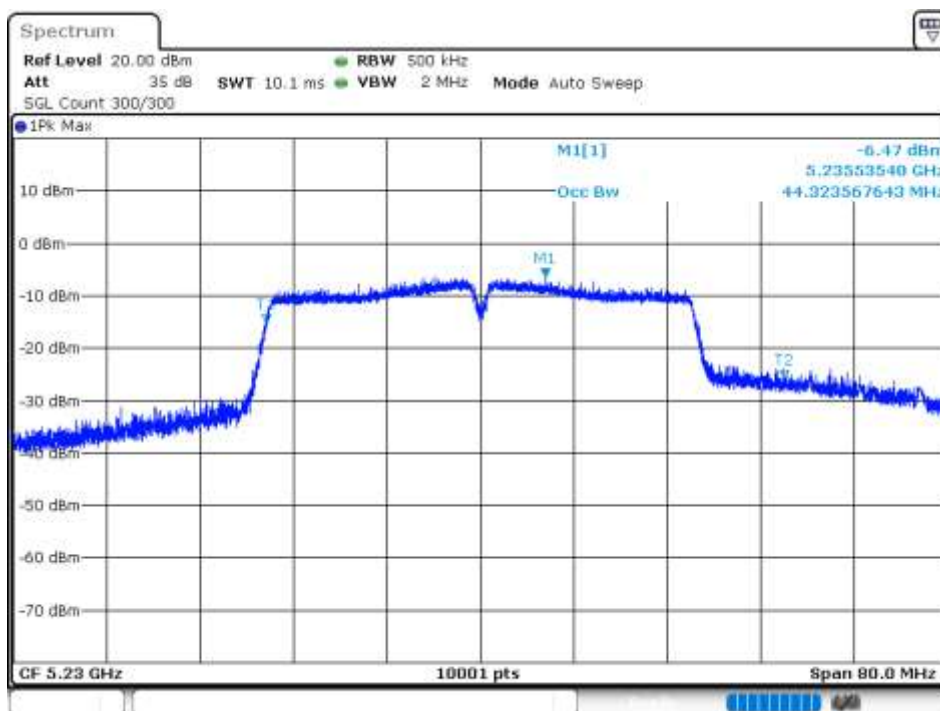
OBW NVNT 802.11n(HT40) 5190MHz Ant1



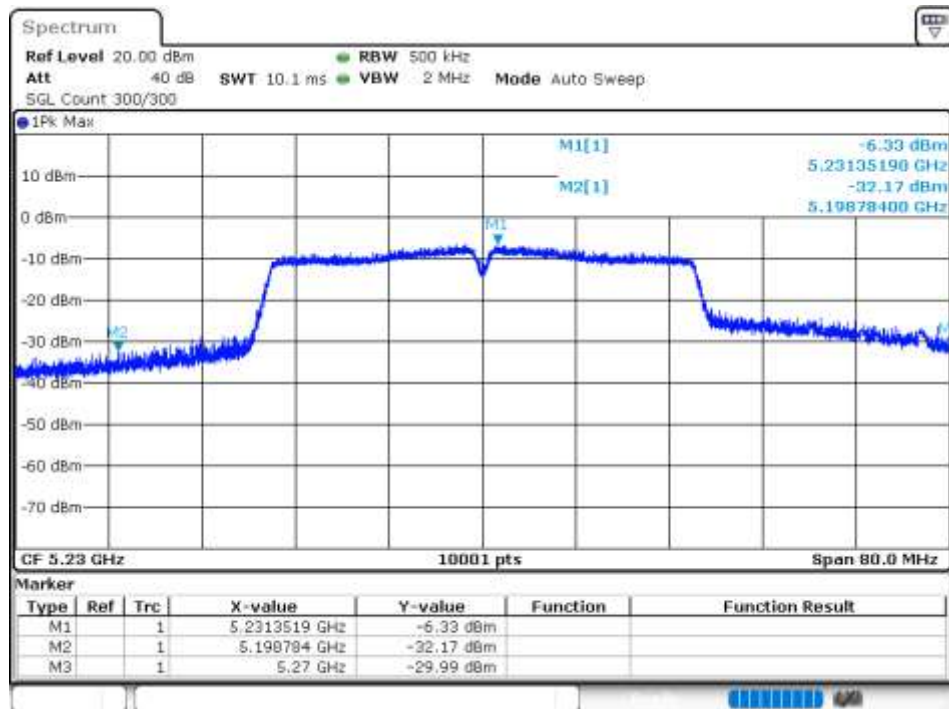
-26 dB BW NVNT 802.11n(HT40) 5190MHz Ant1



OBW NVNT 802.11n(HT40) 5230MHz Ant1



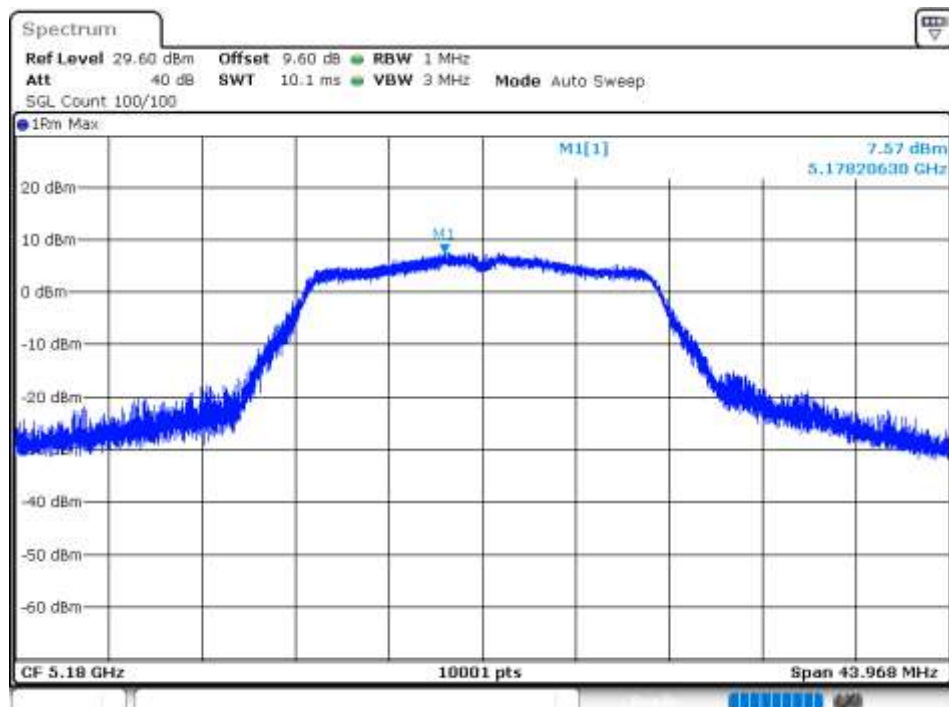
-26 dB BW NVNT 802.11n(HT40) 5230MHz Ant1



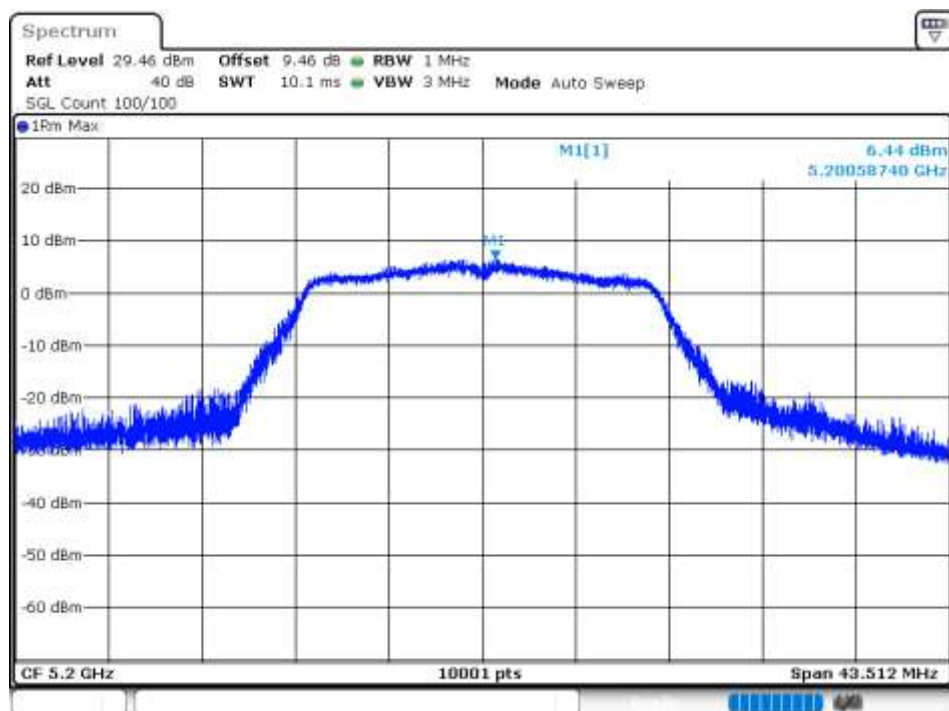
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	7.574	11	Pass
NVNT	802.11a	5200	Ant 1	6.444	11	Pass
NVNT	802.11a	5240	Ant 1	7.384	11	Pass
NVNT	802.11ac20	5180	Ant 1	7.684	11	Pass
NVNT	802.11ac20	5200	Ant 1	7.214	11	Pass
NVNT	802.11ac20	5240	Ant 1	7.889	11	Pass
NVNT	802.11ac40	5190	Ant 1	4.081	11	Pass
NVNT	802.11ac40	5230	Ant 1	3.831	11	Pass
NVNT	802.11ac80	5210	Ant 1	0.741	11	Pass
NVNT	802.11n(HT20)	5180	Ant 1	8.028	11	Pass
NVNT	802.11n(HT20)	5200	Ant 1	7.464	11	Pass
NVNT	802.11n(HT20)	5240	Ant 1	7.693	11	Pass
NVNT	802.11n(HT40)	5190	Ant 1	4.768	11	Pass
NVNT	802.11n(HT40)	5230	Ant 1	4.168	11	Pass

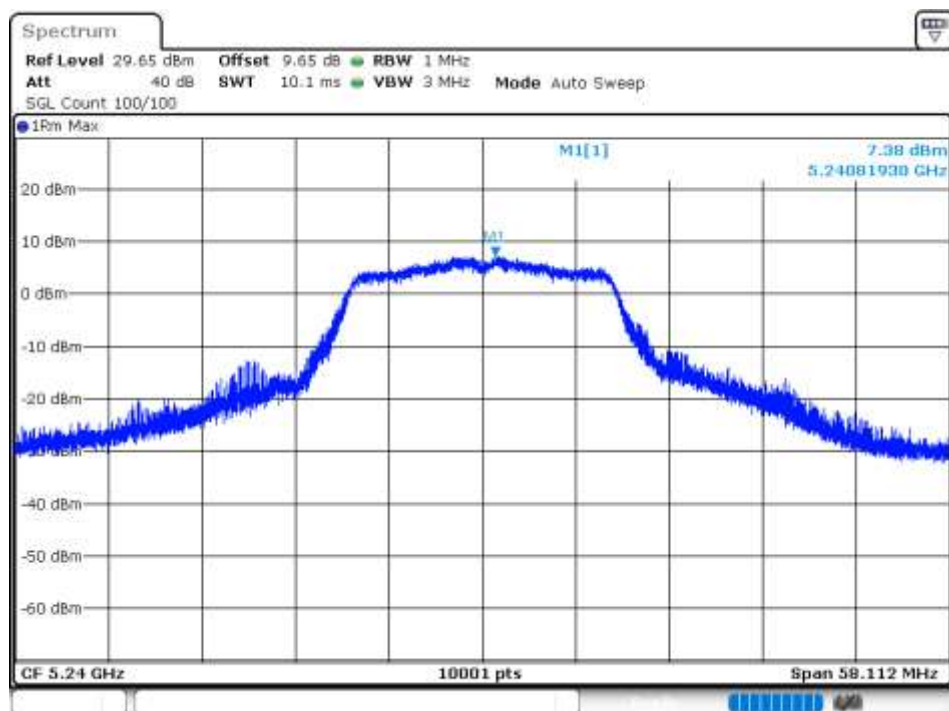
PSD NVNT 802.11a 5180MHz Ant1



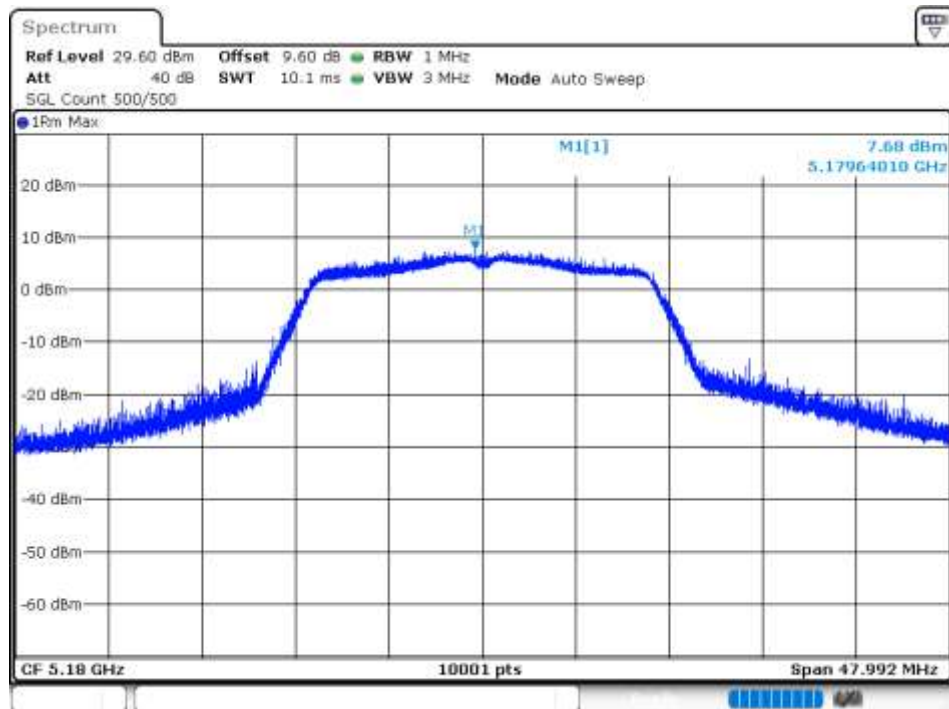
PSD NVNT 802.11a 5200MHz Ant1



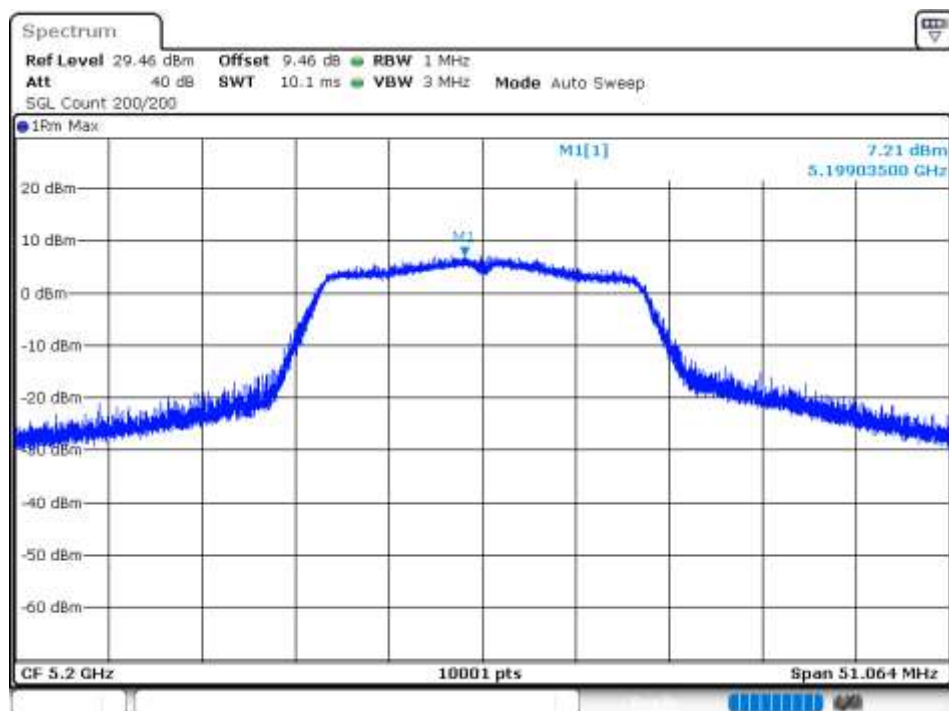
PSD NVNT 802.11a 5240MHz Ant1



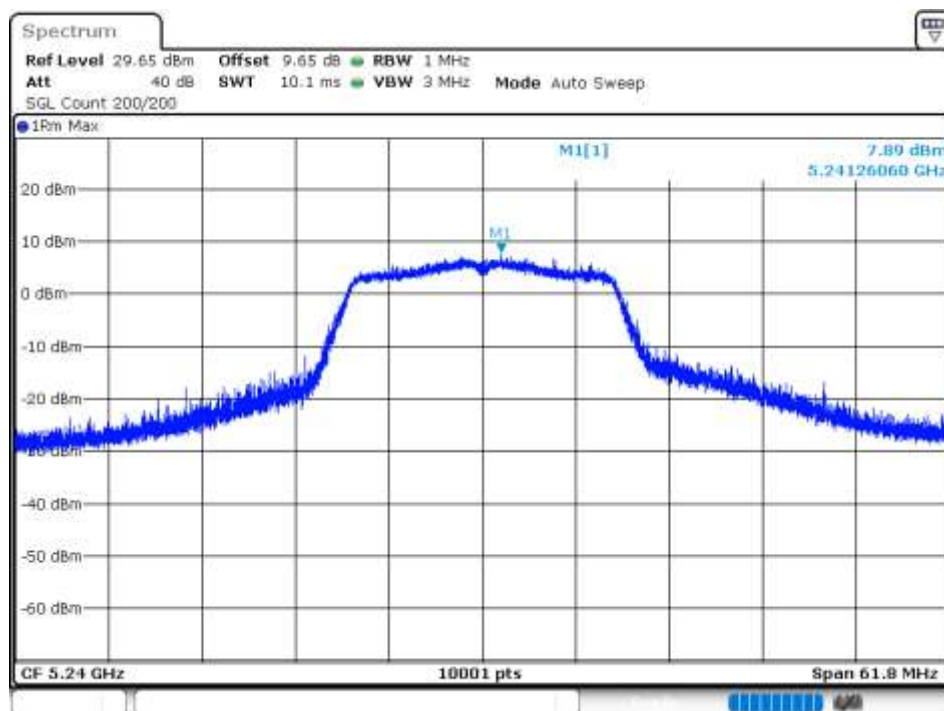
PSD NVNT 802.11ac20 5180MHz Ant1



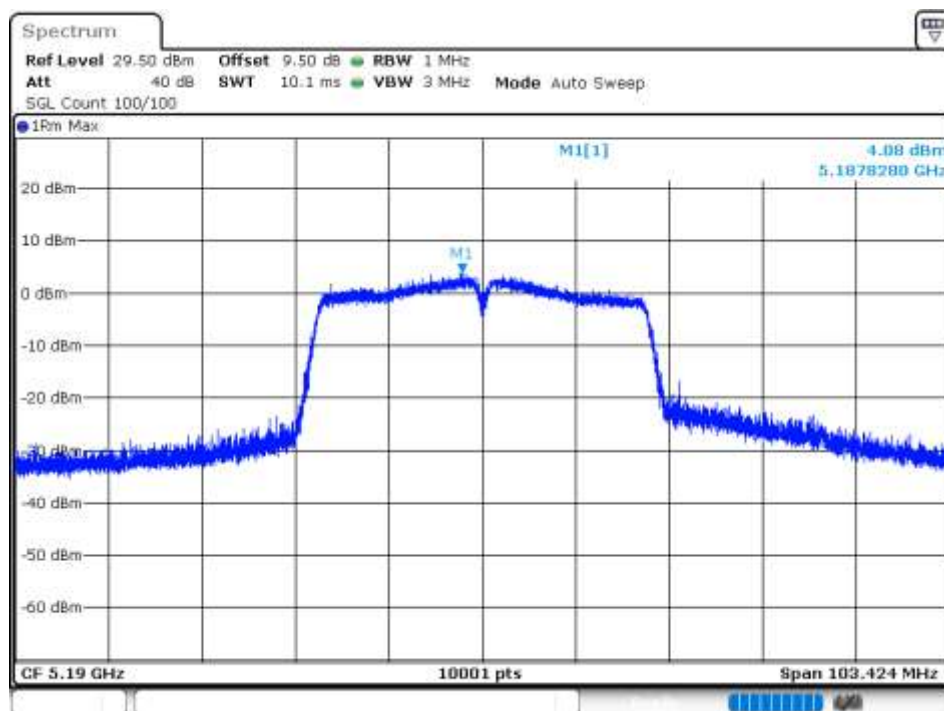
PSD NVNT 802.11ac20 5200MHz Ant1



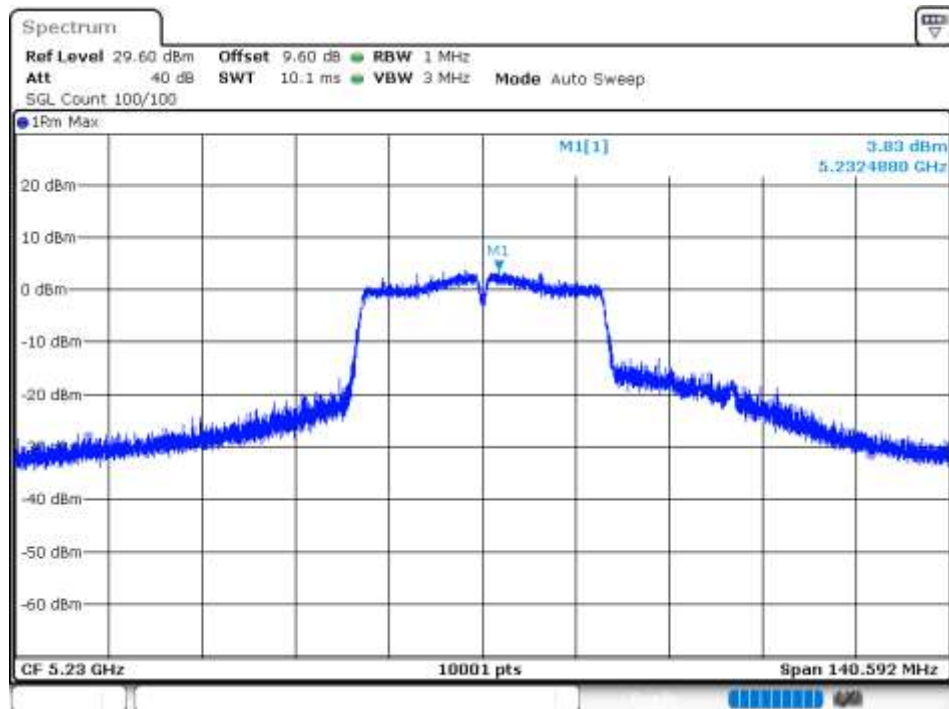
PSD NVNT 802.11ac20 5240MHz Ant1



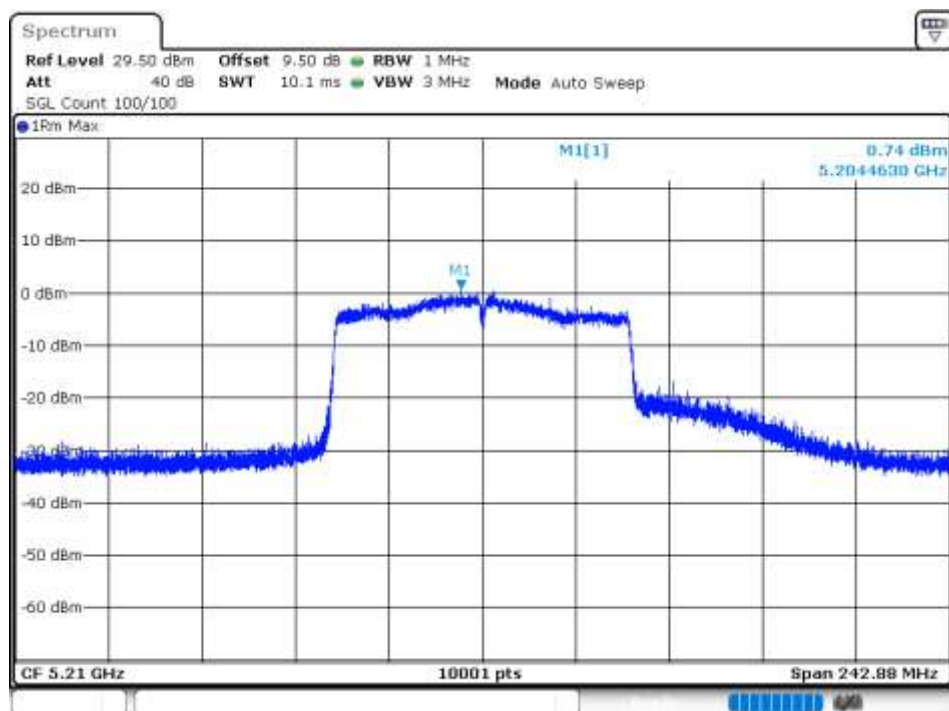
PSD NVNT 802.11ac40 5190MHz Ant1



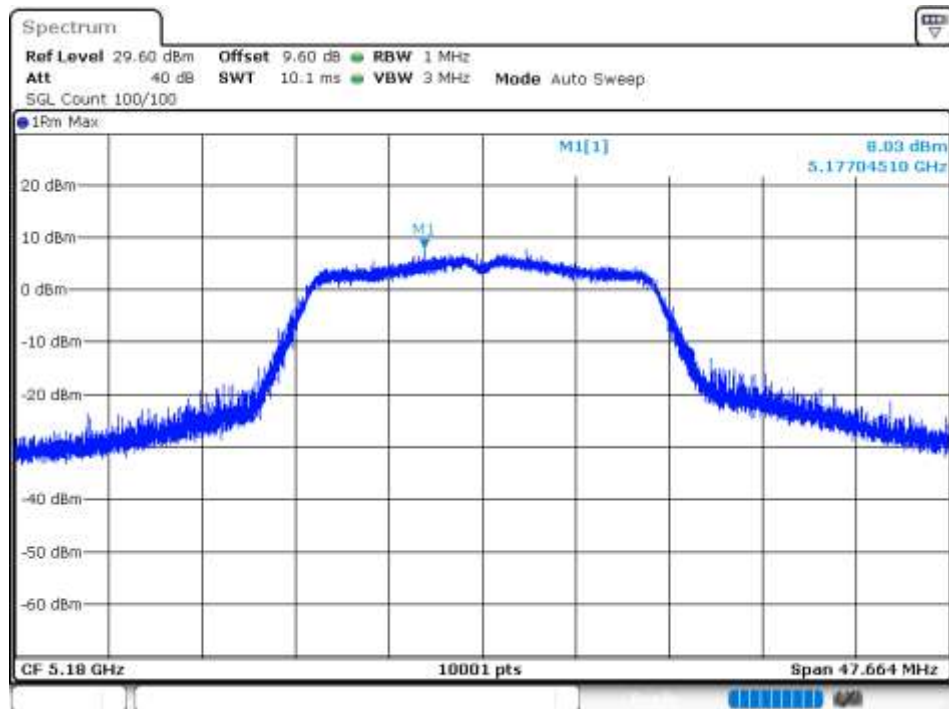
PSD NVNT 802.11ac40 5230MHz Ant1



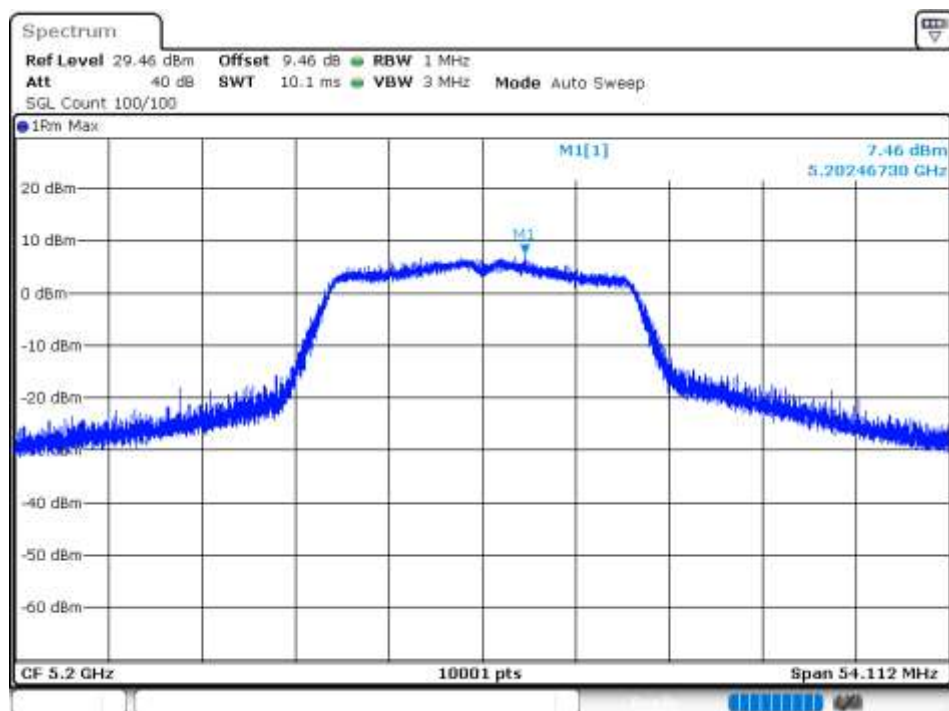
PSD NVNT 802.11ac80 5210MHz Ant1



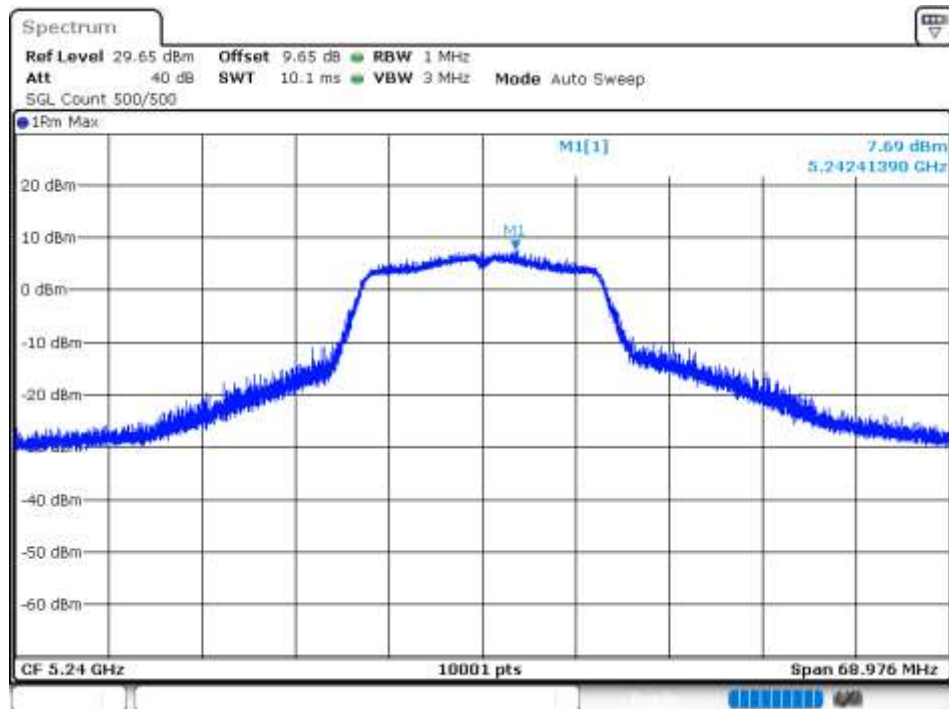
PSD NVNT 802.11n(HT20) 5180MHz Ant1



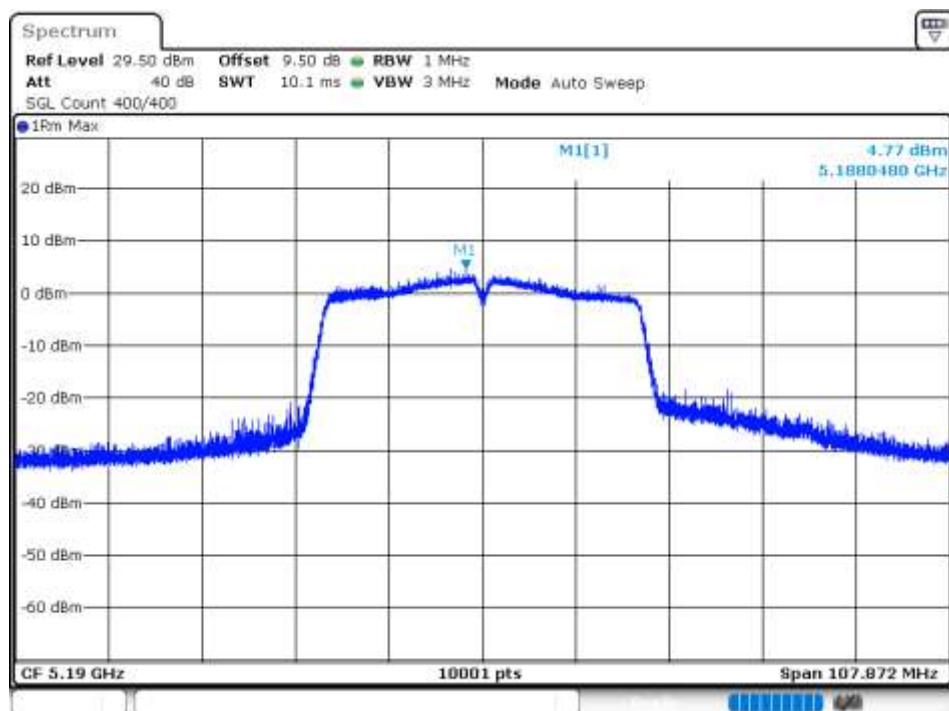
PSD NVNT 802.11n(HT20) 5200MHz Ant1



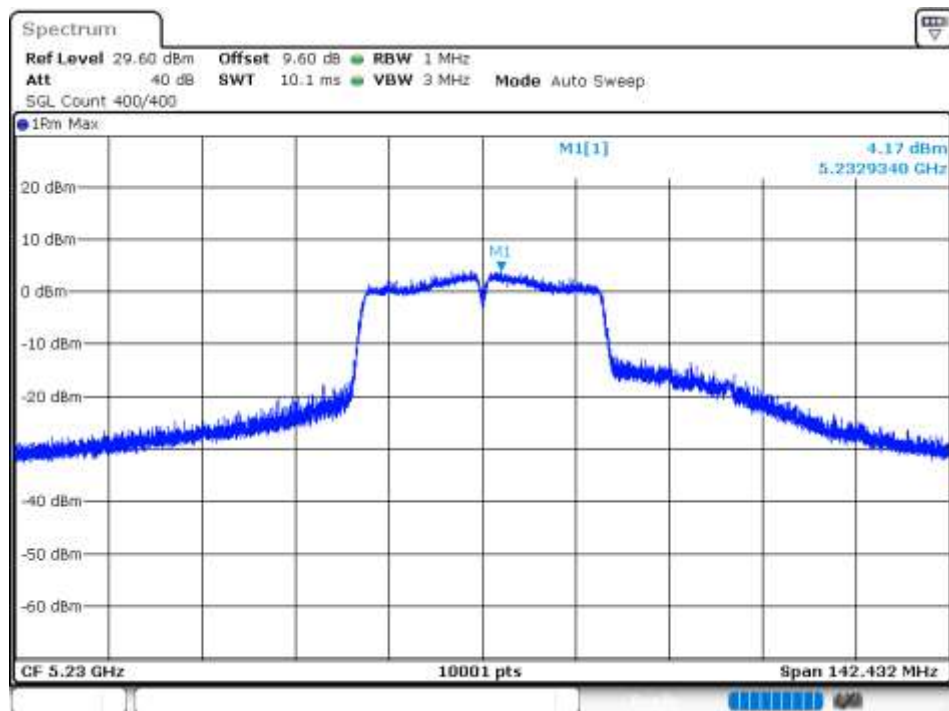
PSD NVNT 802.11n(HT20) 5240MHz Ant1



PSD NVNT 802.11n(HT40) 5190MHz Ant1



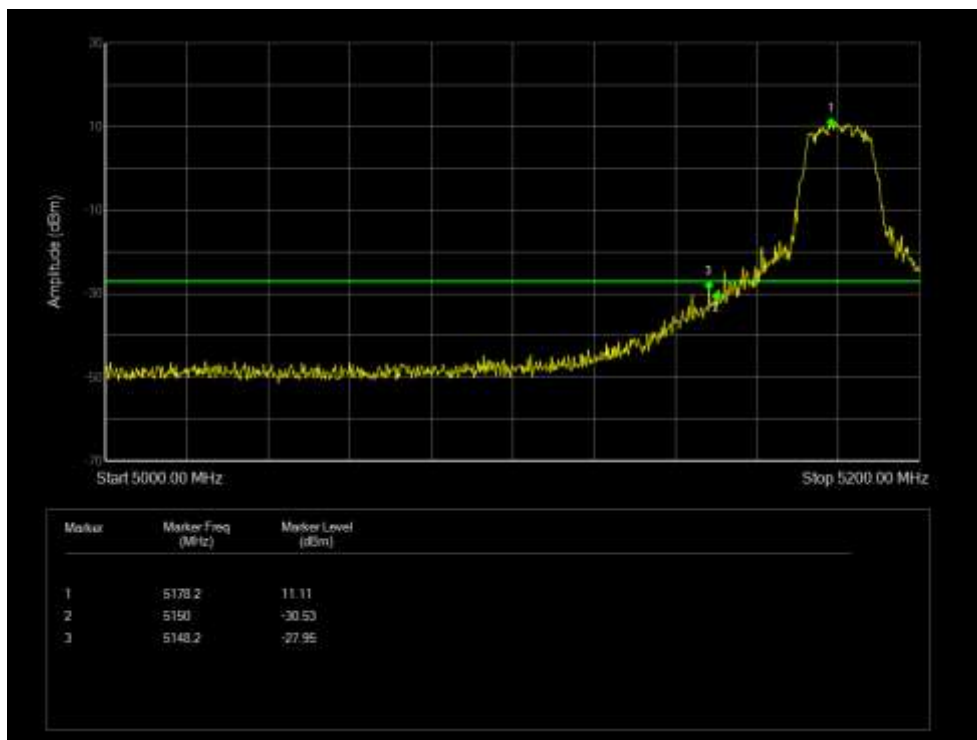
PSD NVNT 802.11n(HT40) 5230MHz Ant1



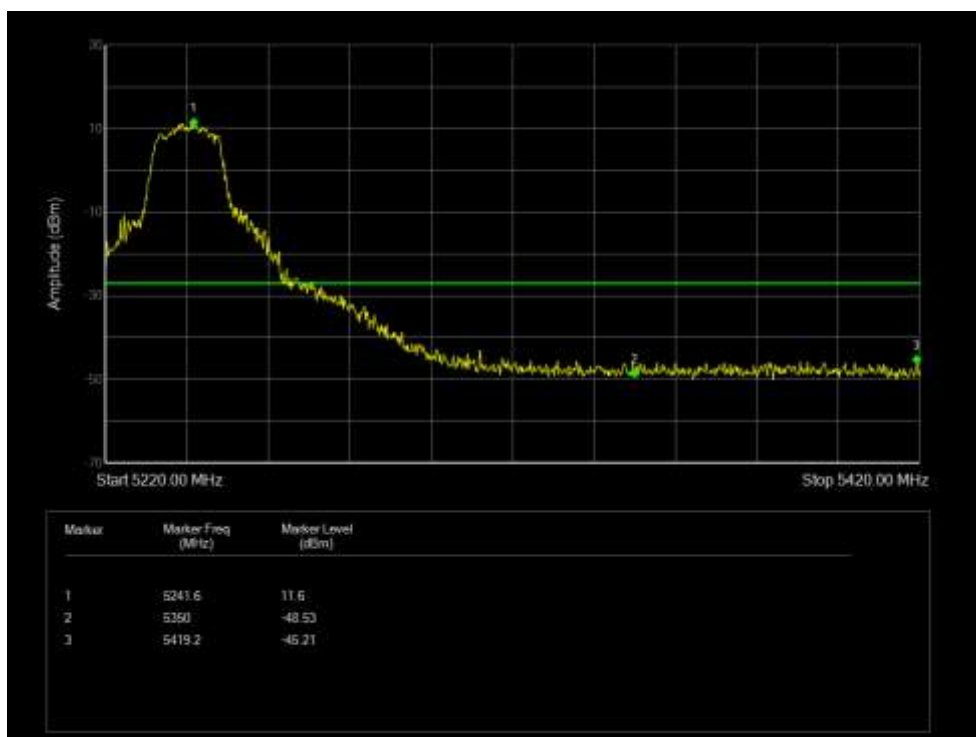
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	-27.95	-27	Pass
NVNT	802.11a	5240	Ant 1	-45.21	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-28.08	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-44.37	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-31.02	-27	Pass
NVNT	802.11ac40	5230	Ant 1	-43.37	-27	Pass
NVNT	802.11ac80	5230	Ant 1	-38.69	-27	Pass
NVNT	802.11ac80	5210	Ant 1	-29.79	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-30.21	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-44.42	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-31.48	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-43.58	-27	Pass

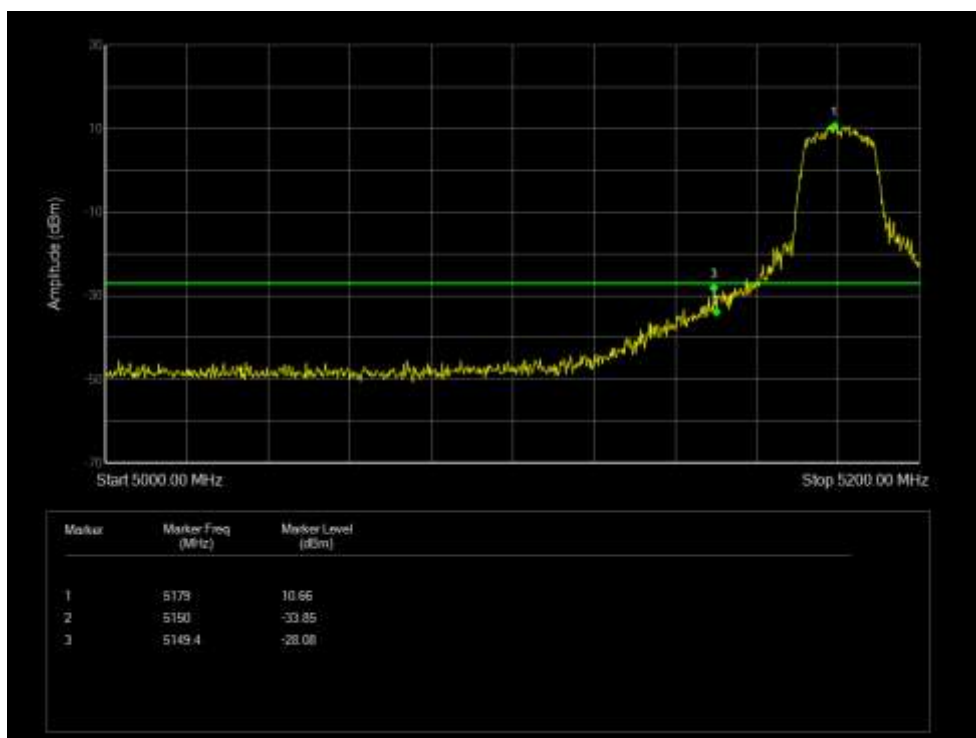
Band Edge NVNT 802.11a 5180MHz Low Ant1



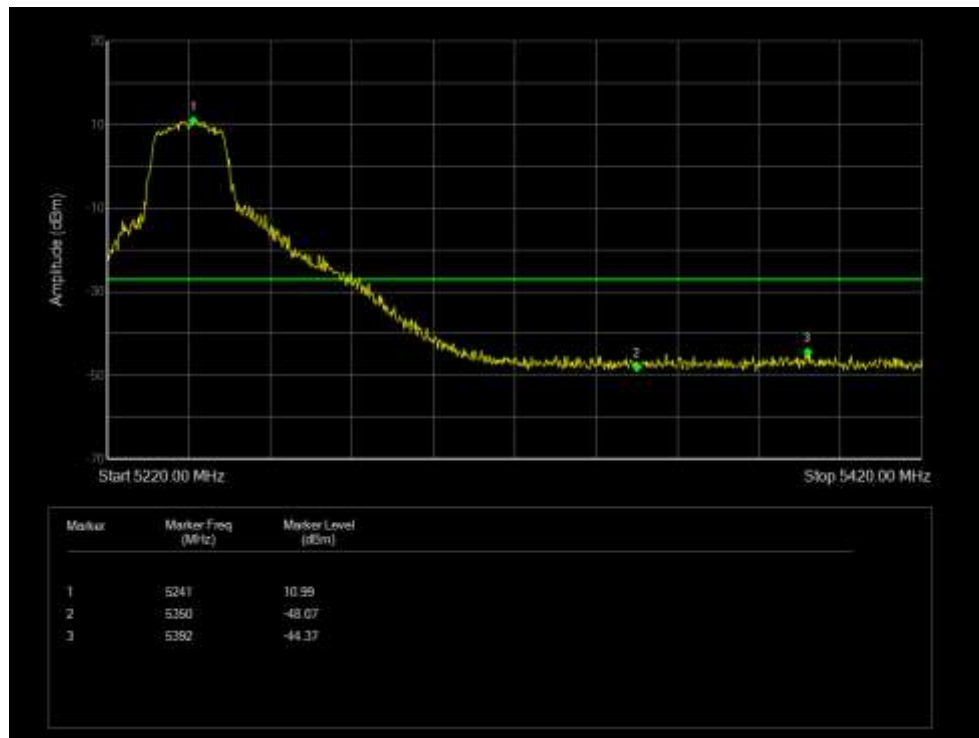
Band Edge NVNT 802.11a 5240MHz High Ant1



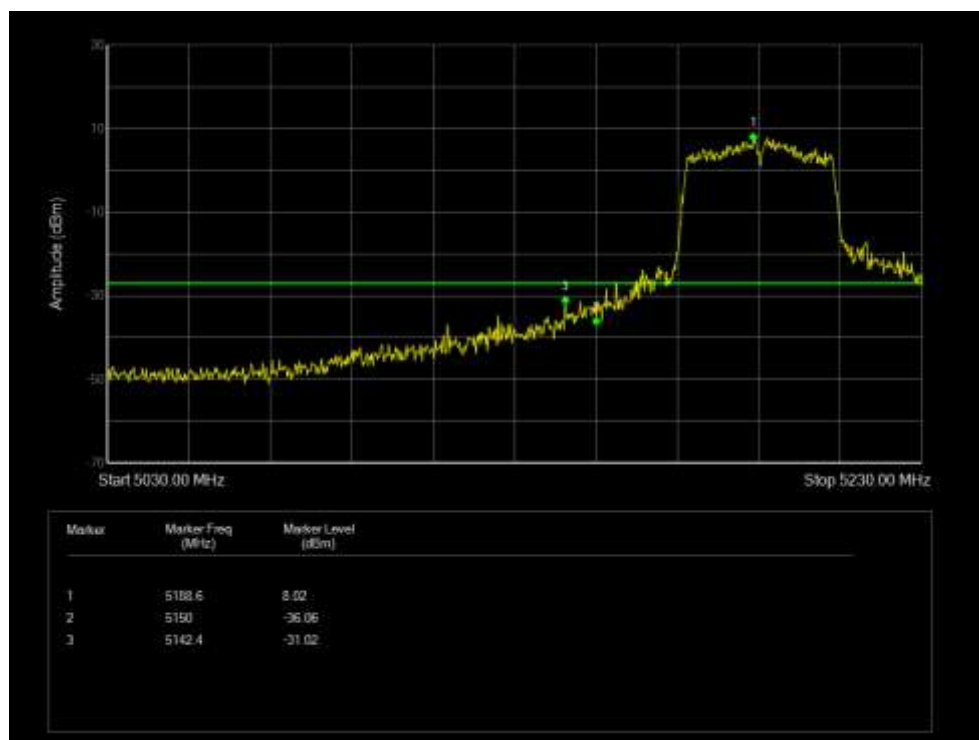
Band Edge NVNT 802.11ac20 5180MHz Low Ant1



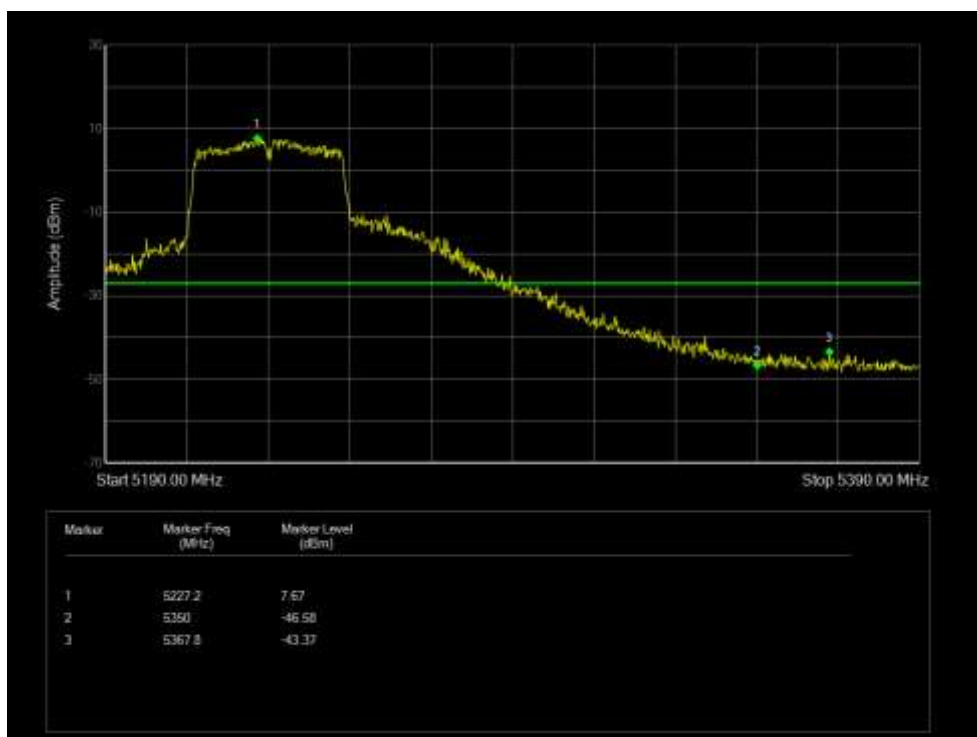
Band Edge NVNT 802.11ac20 5240MHz High Ant1



Band Edge NVNT 802.11ac40 5190MHz Low Ant1



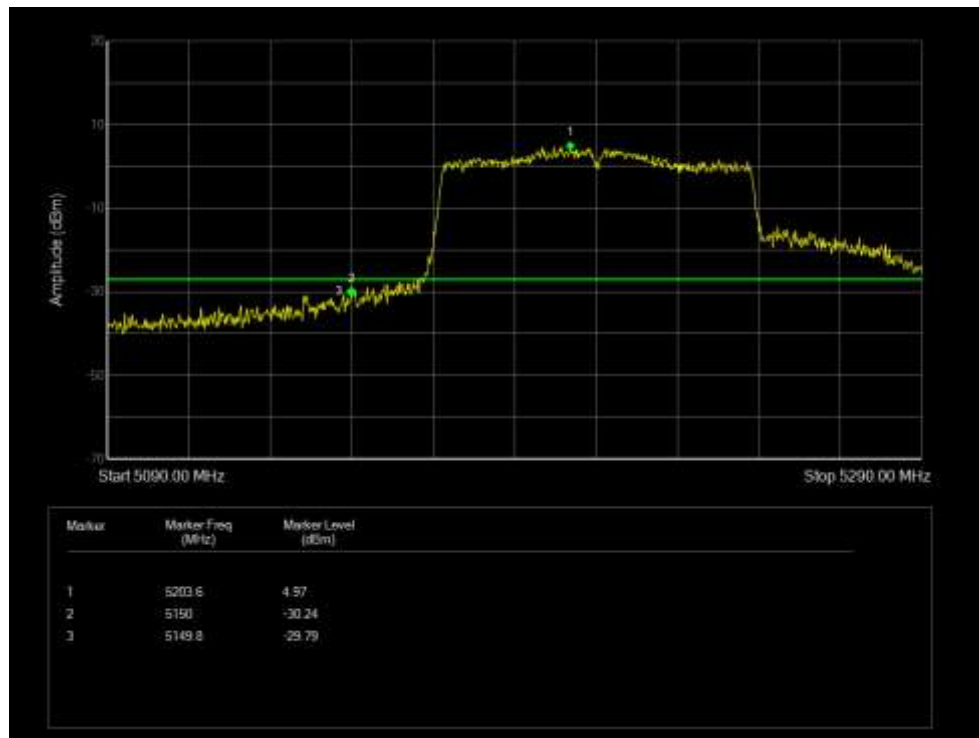
Band Edge NVNT 802.11ac40 5230MHz High Ant1



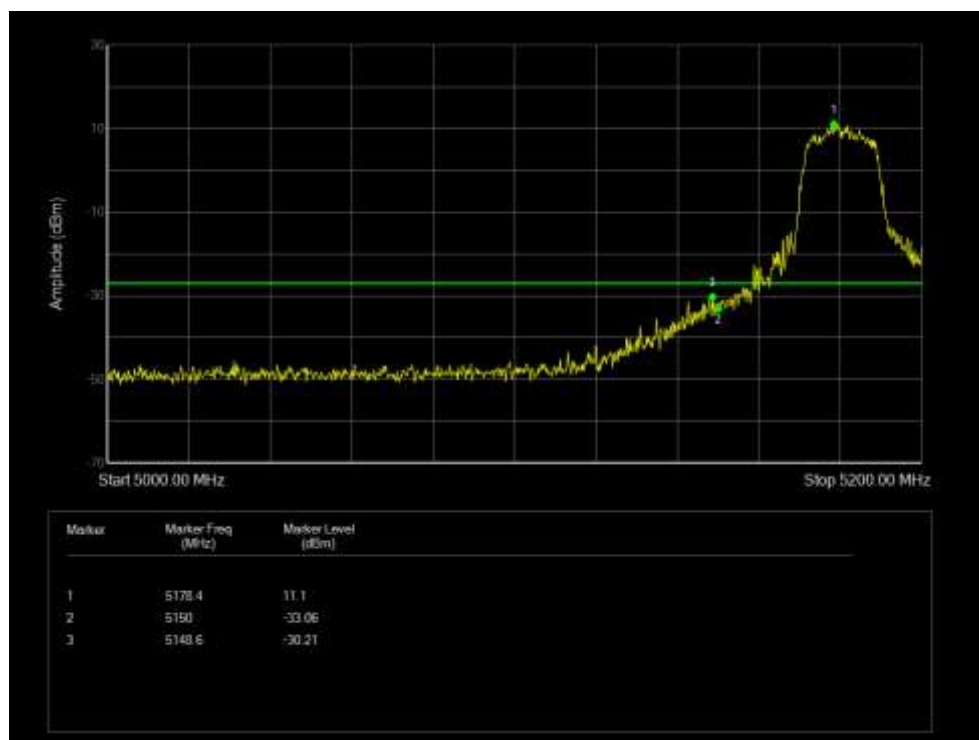
Band Edge NVNT 802.11ac80 5230MHz High Ant1



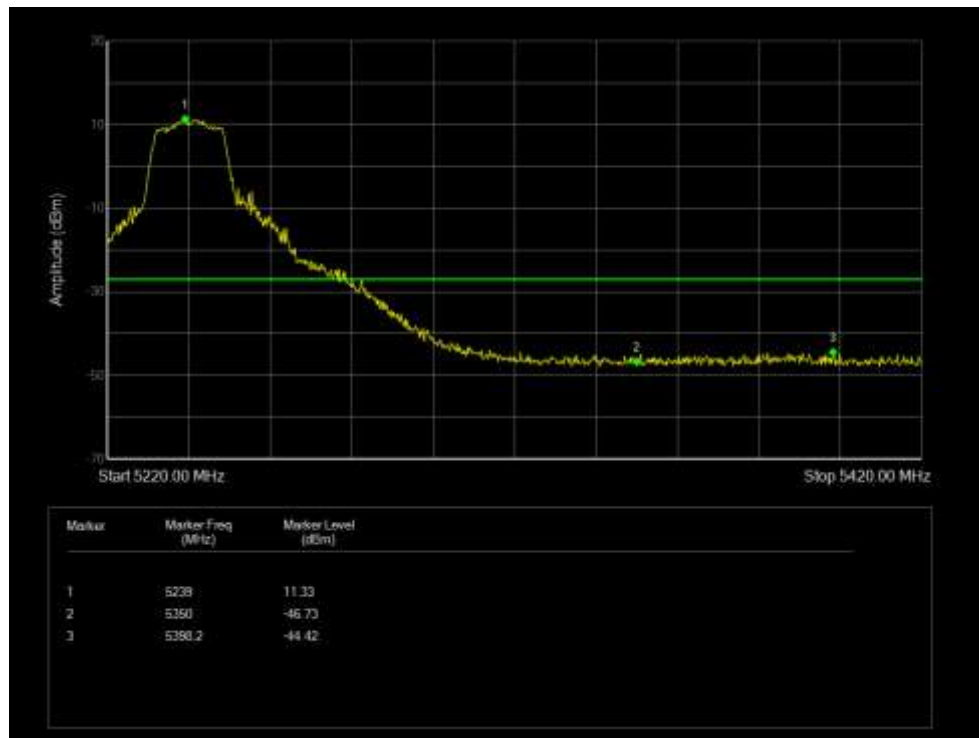
Band Edge NVNT 802.11ac80 5210MHz Low Ant1



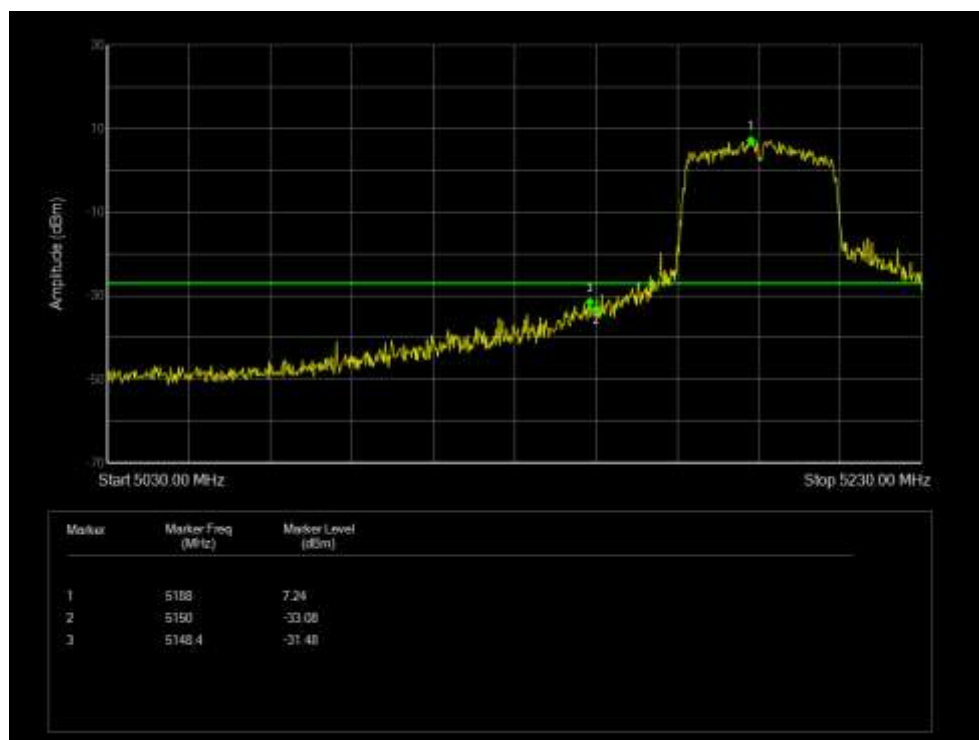
Band Edge NVNT 802.11n(HT20) 5180MHz Low Ant1



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



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



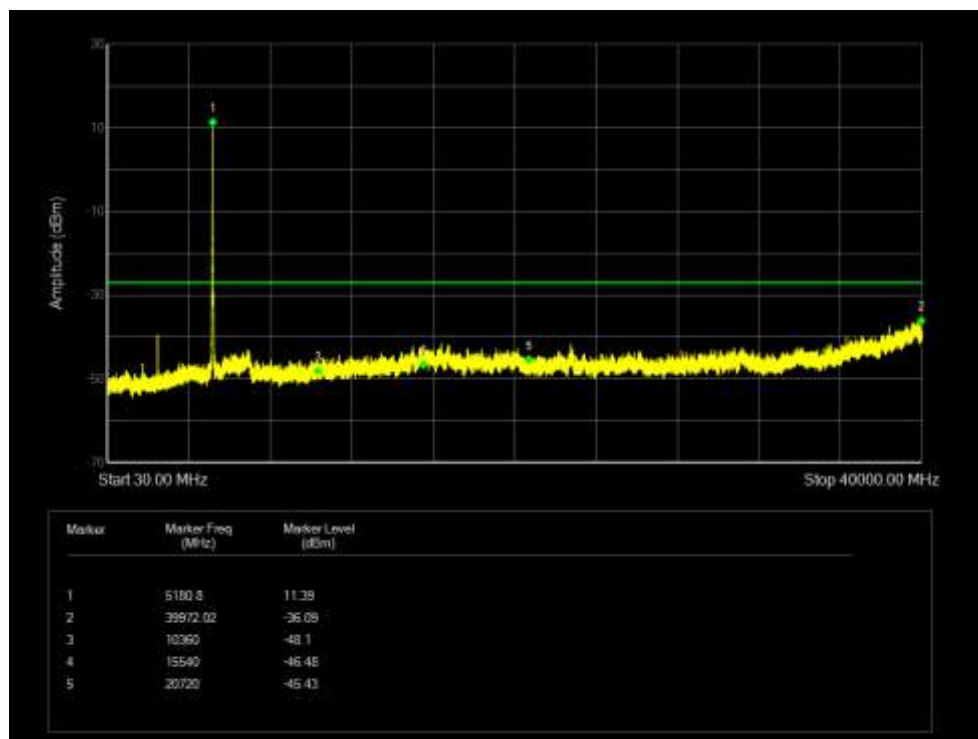
Band Edge NVNT 802.11n(HT40) 5230MHz High Ant1



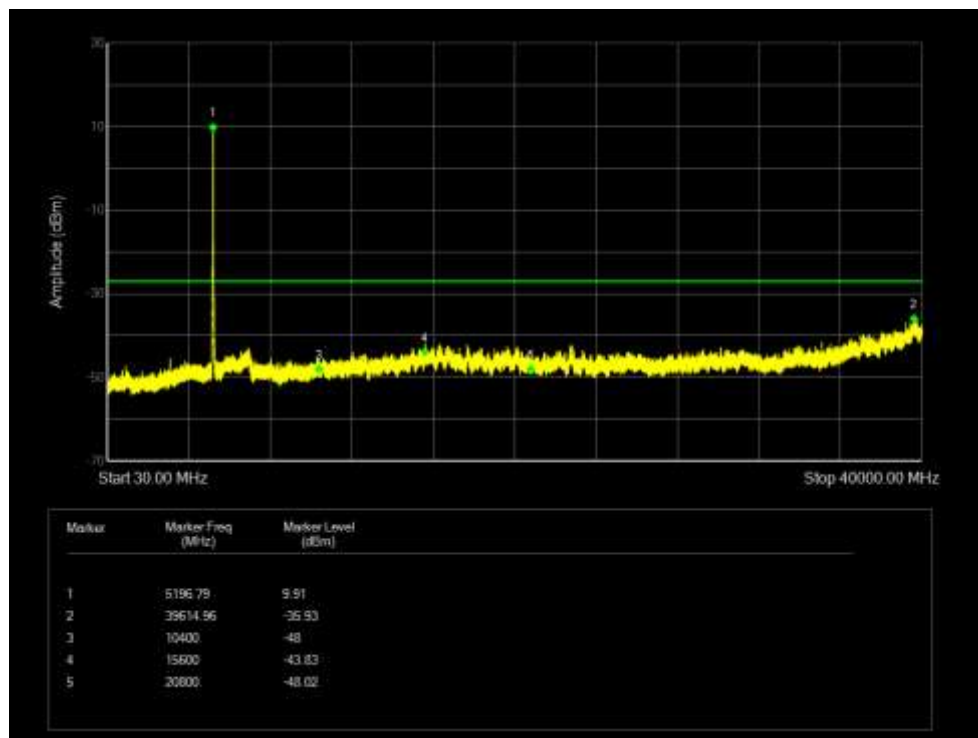
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5180	Ant 1	-36.09	-27	Pass
NVNT	802.11a	5200	Ant 1	-35.93	-27	Pass
NVNT	802.11a	5240	Ant 1	-35.42	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-35.45	-27	Pass
NVNT	802.11ac20	5200	Ant 1	-35.69	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-35.08	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-35.48	-27	Pass
NVNT	802.11ac40	5230	Ant 1	-36.24	-27	Pass
NVNT	802.11ac80	5210	Ant 1	-35.87	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-36.12	-27	Pass
NVNT	802.11n(HT20)	5200	Ant 1	-34.94	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-33.67	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-35.78	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-34.97	-27	Pass

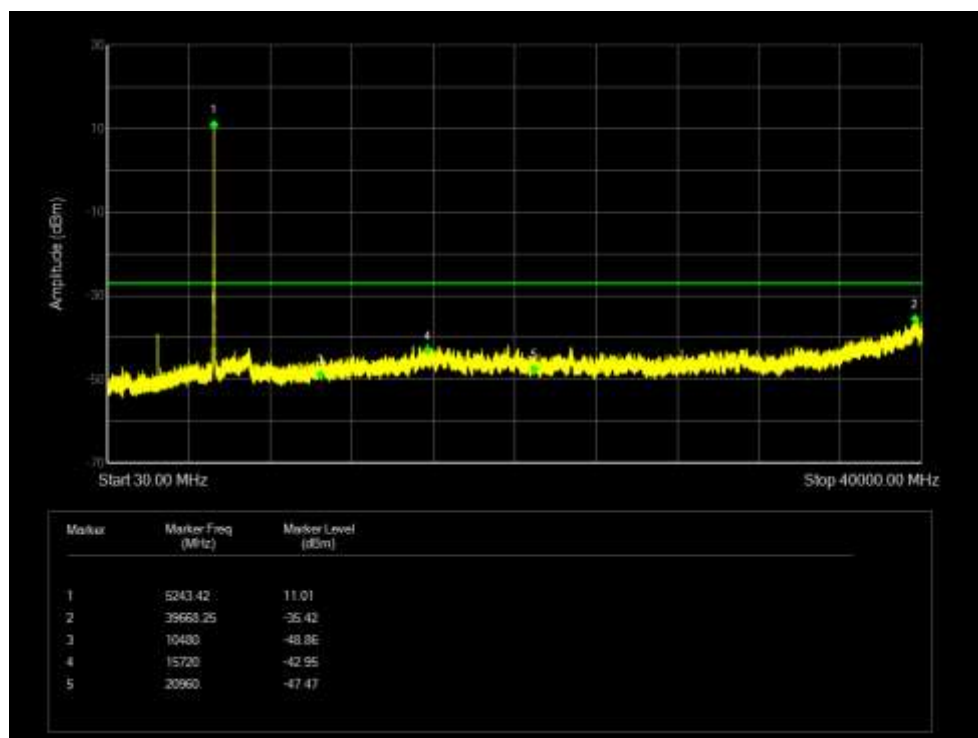
Tx. Spurious NVNT 802.11a 5180MHz Ant1 Emission



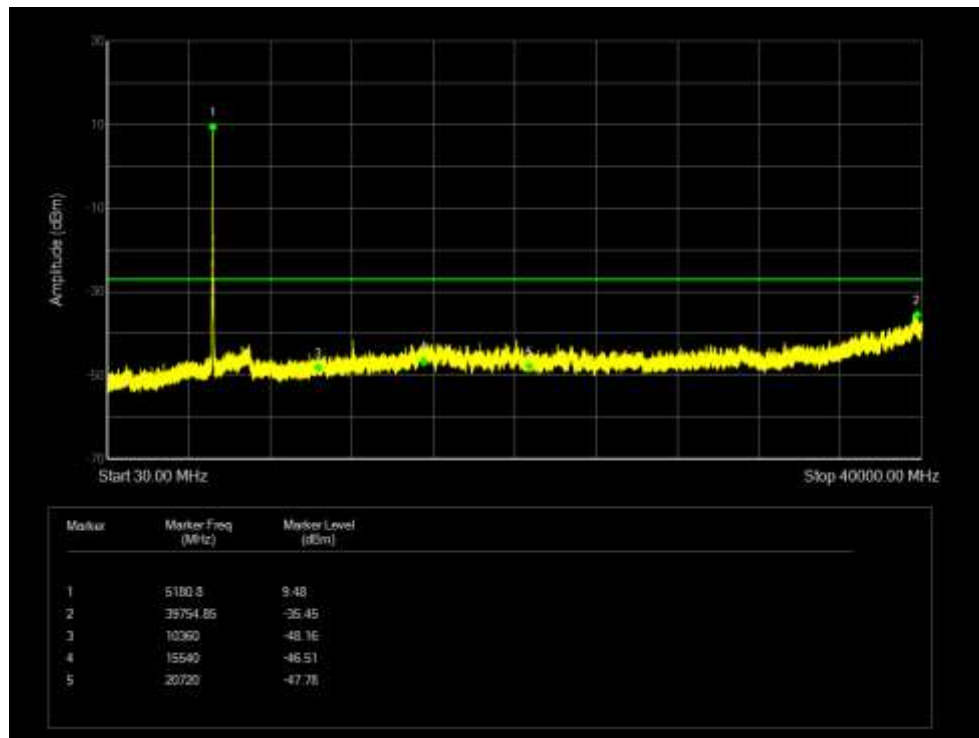
Tx. Spurious NVNT 802.11a 5200MHz Ant1 Emission



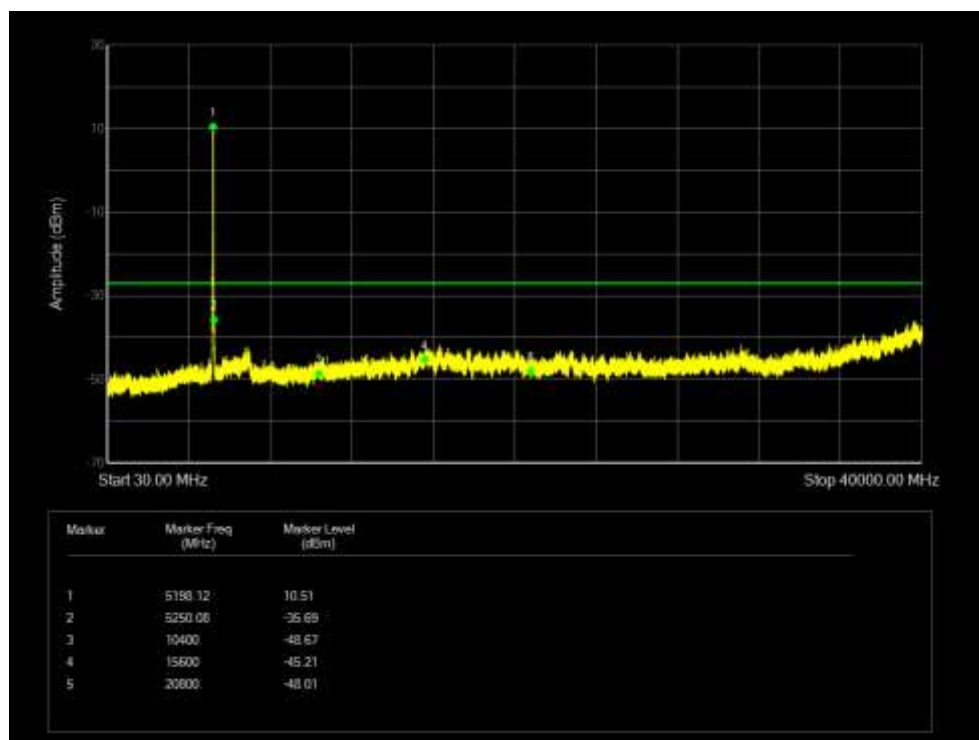
Tx. Spurious NVNT 802.11a 5240MHz Ant1 Emission



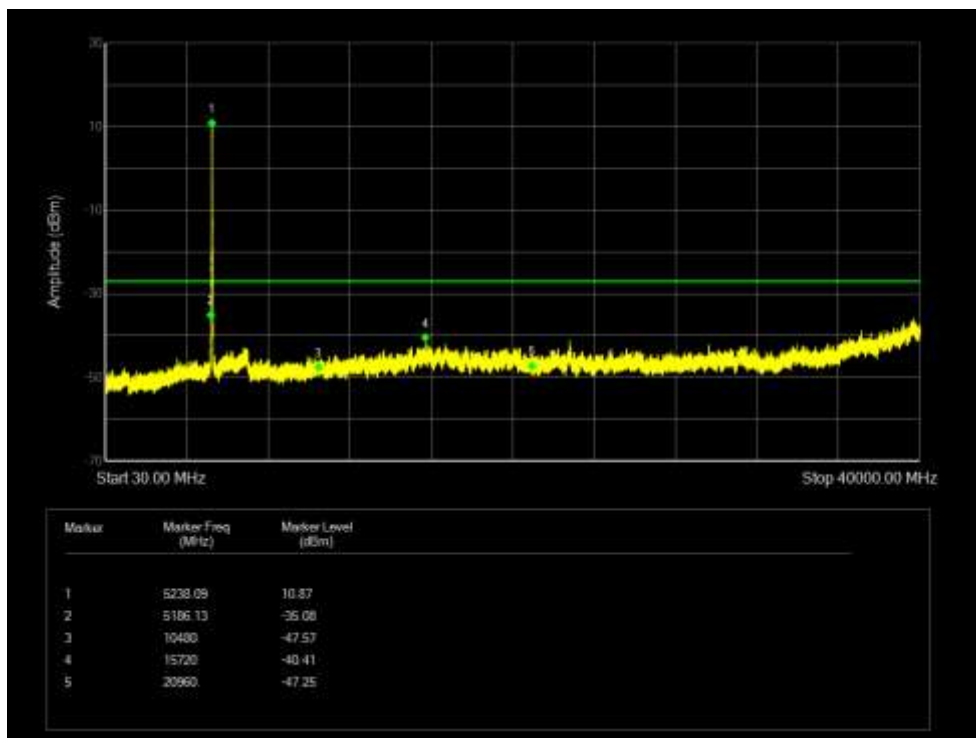
Tx. Spurious NVNT 802.11ac20 5180MHz Ant1 Emission



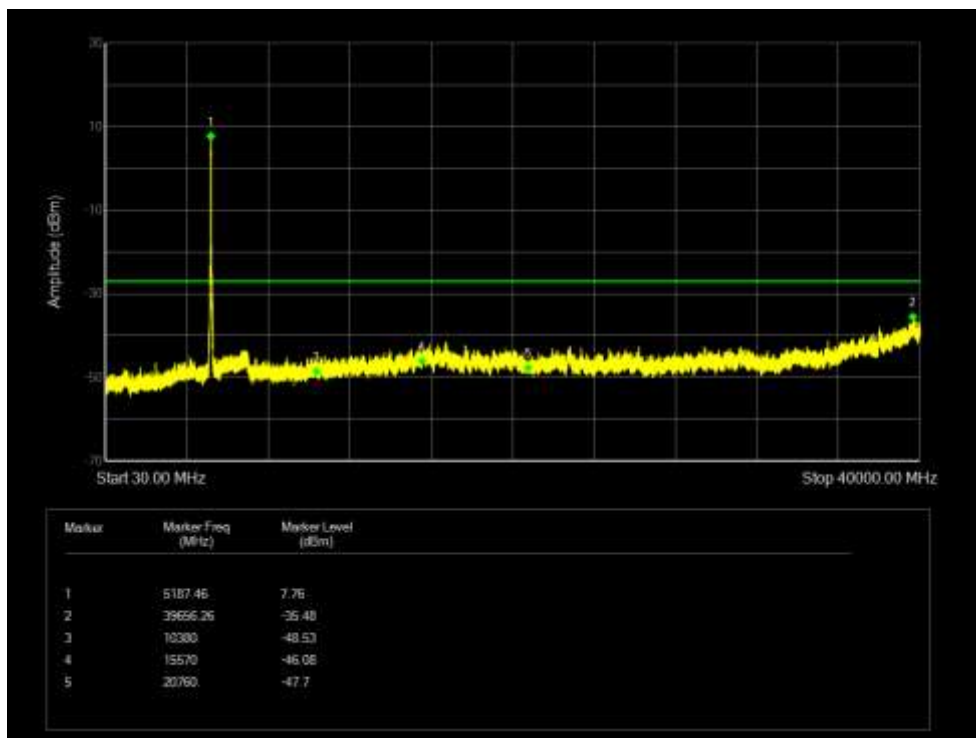
Tx. Spurious NVNT 802.11ac20 5200MHz Ant1 Emission



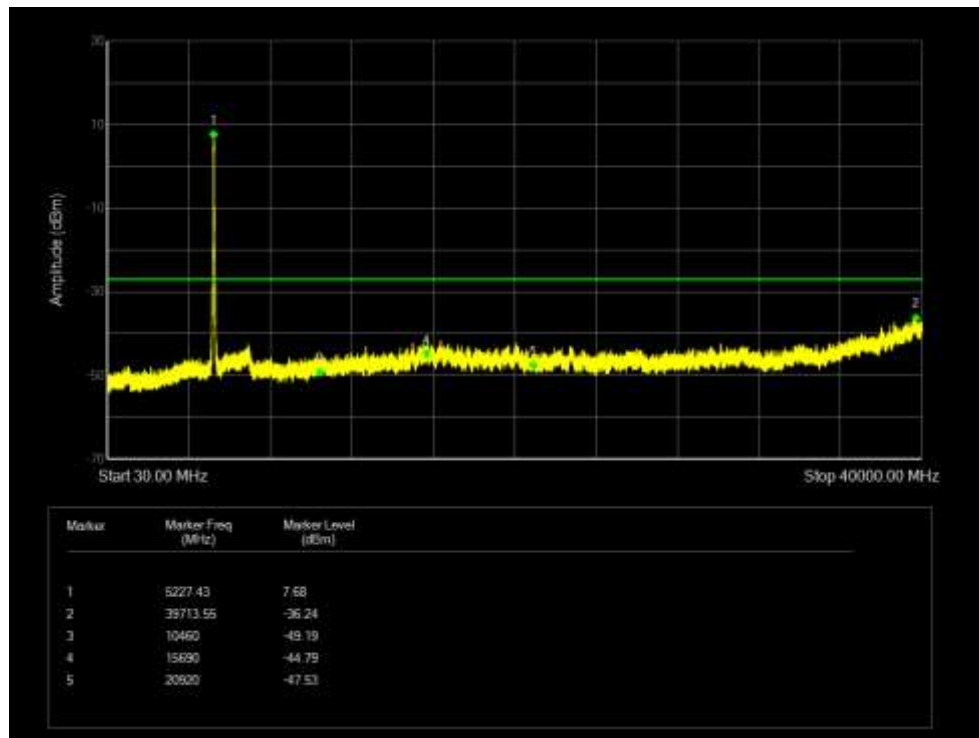
Tx. Spurious NVNT 802.11ac20 5240MHz Ant1 Emission



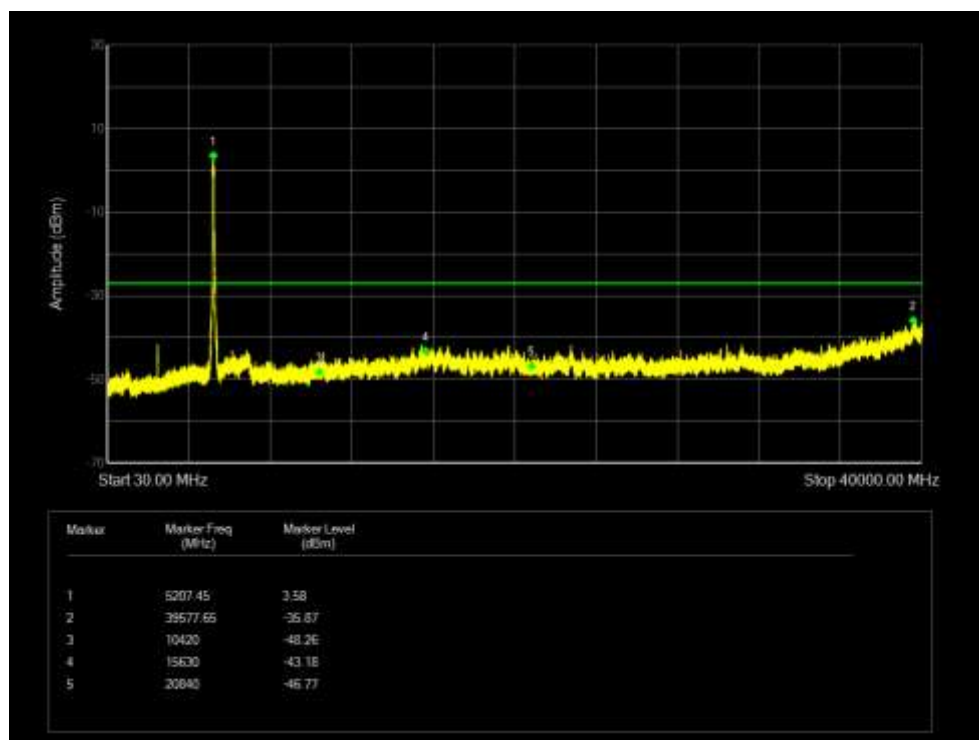
Tx. Spurious NVNT 802.11ac40 5190MHz Ant1 Emission



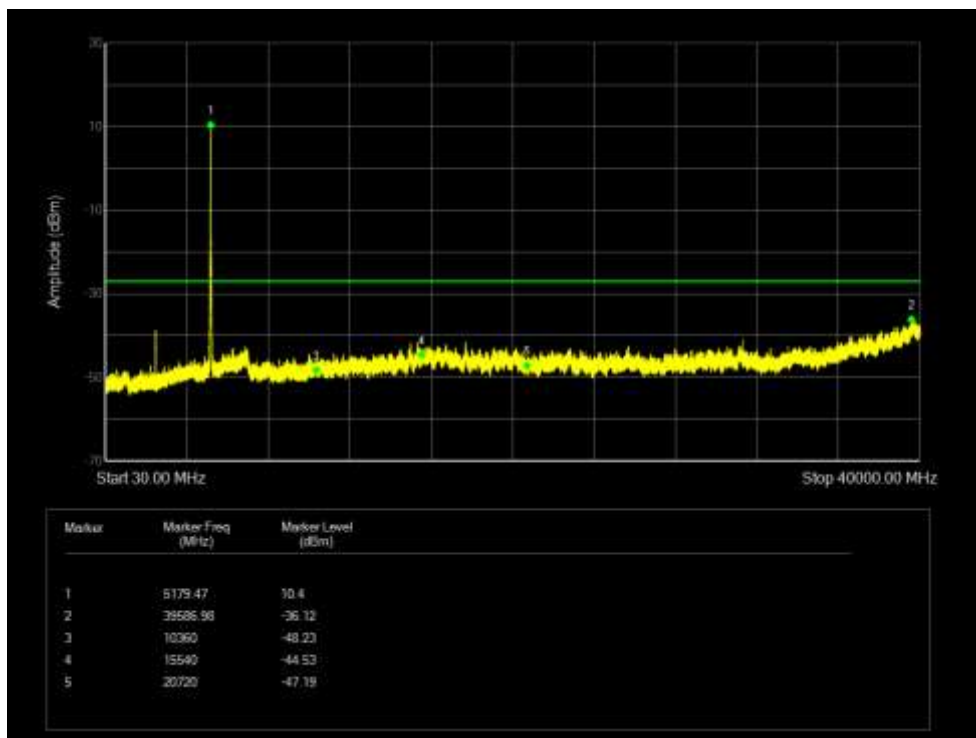
Tx. Spurious NVNT 802.11ac40 5230MHz Ant1 Emission



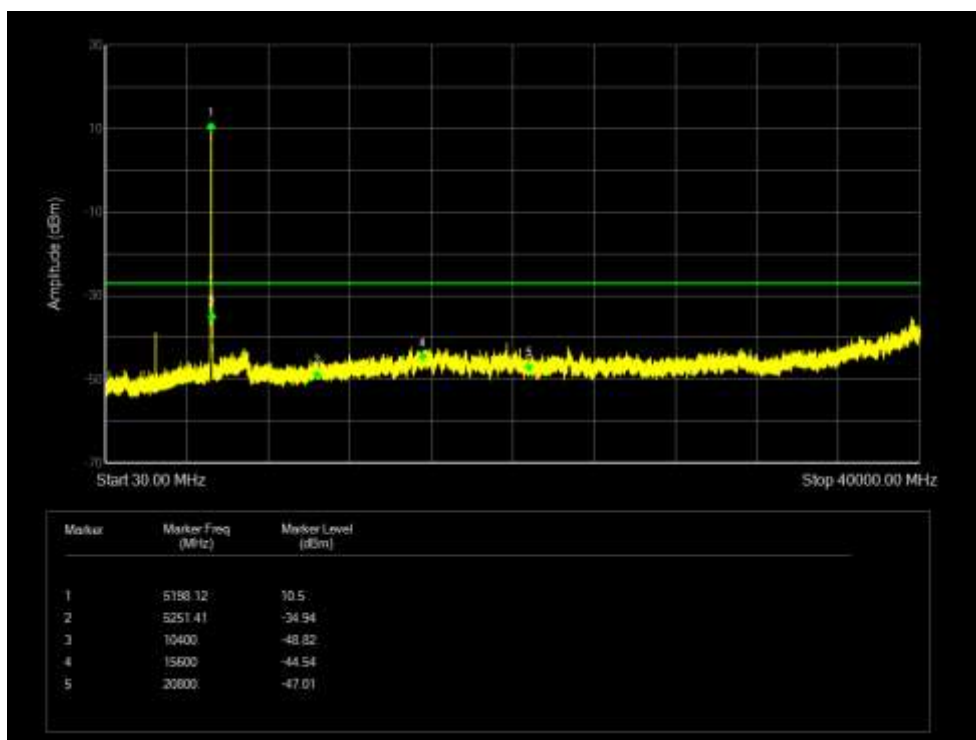
Tx. Spurious NVNT 802.11ac80 5210MHz Ant1 Emission



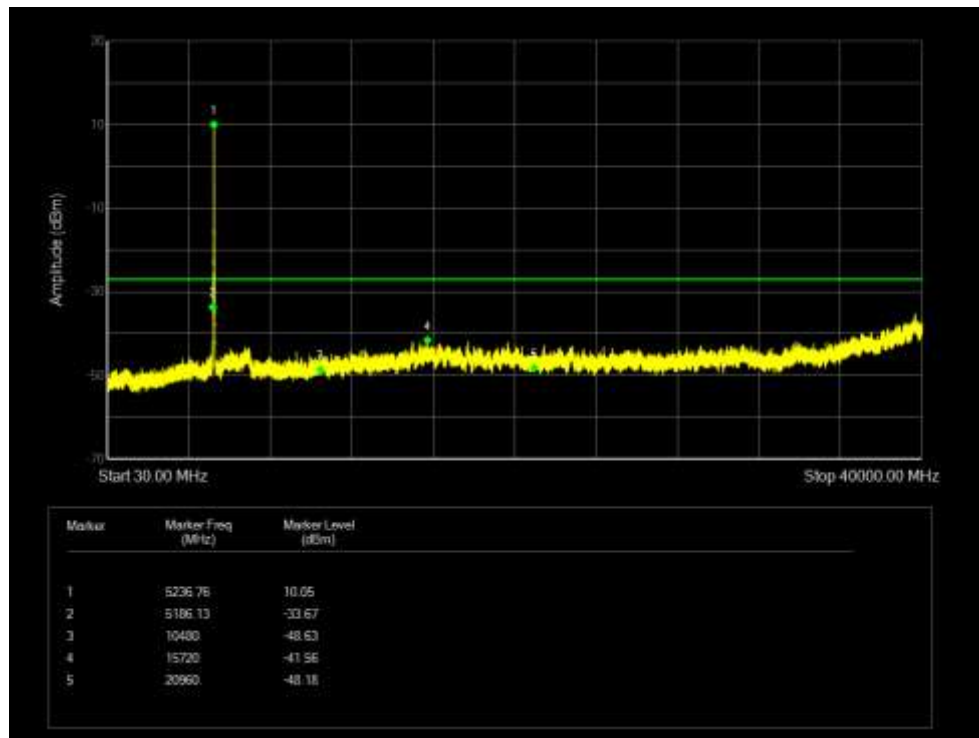
Tx. Spurious NVNT 802.11n(HT20) 5180MHz Ant1 Emission



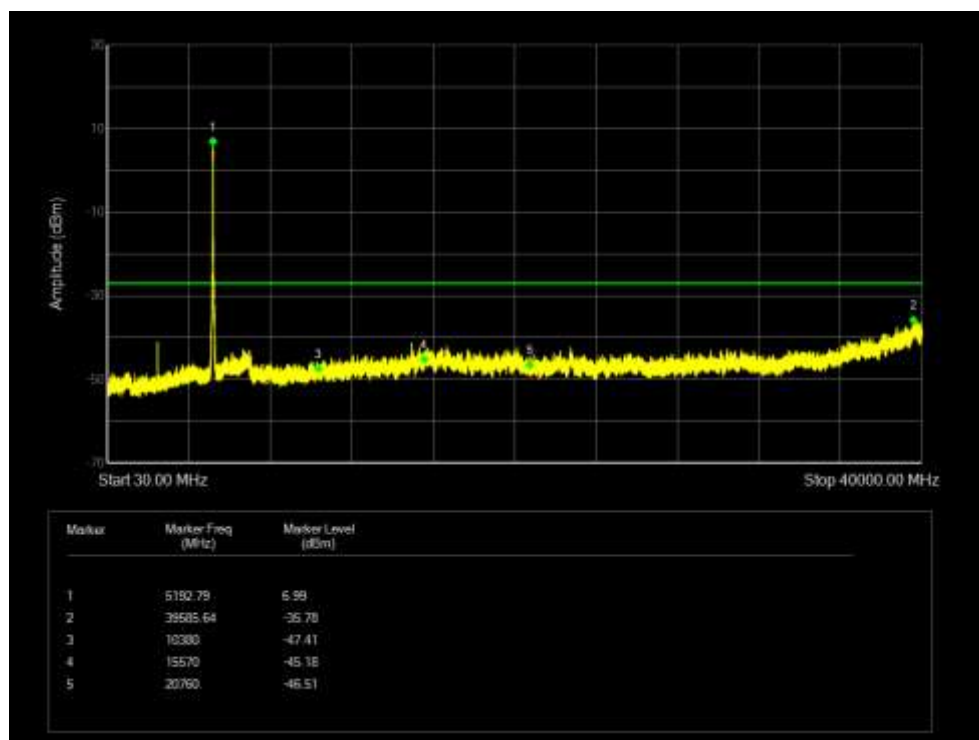
Tx. Spurious NVNT 802.11n(HT20) 5200MHz Ant1 Emission



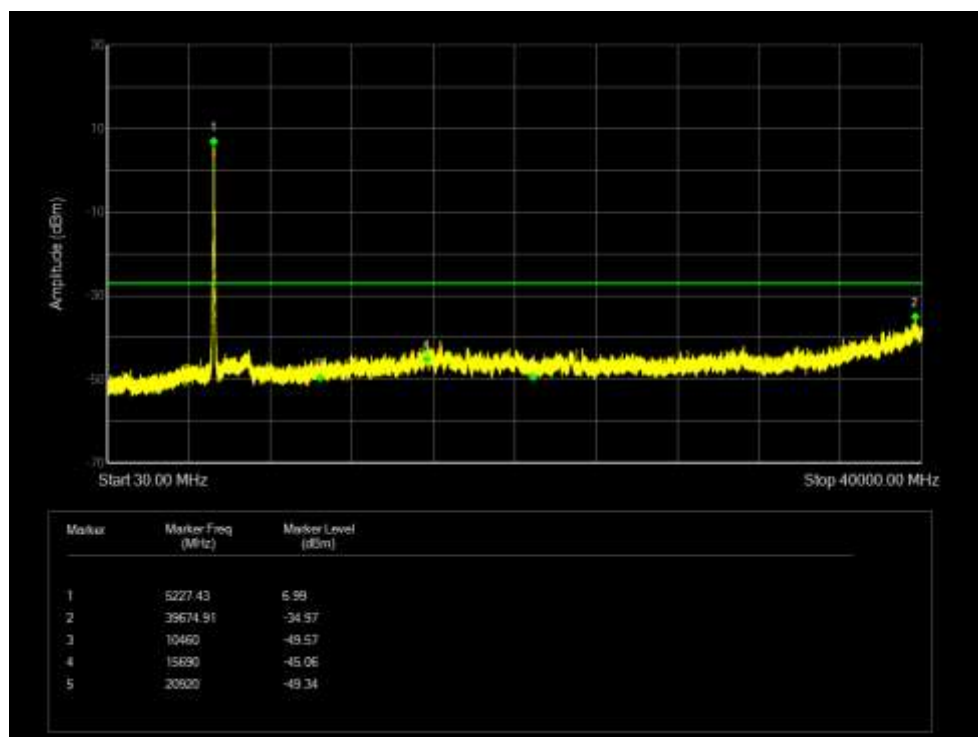
Tx. Spurious NVNT 802.11n(HT20) 5240MHz Ant1 Emission



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



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

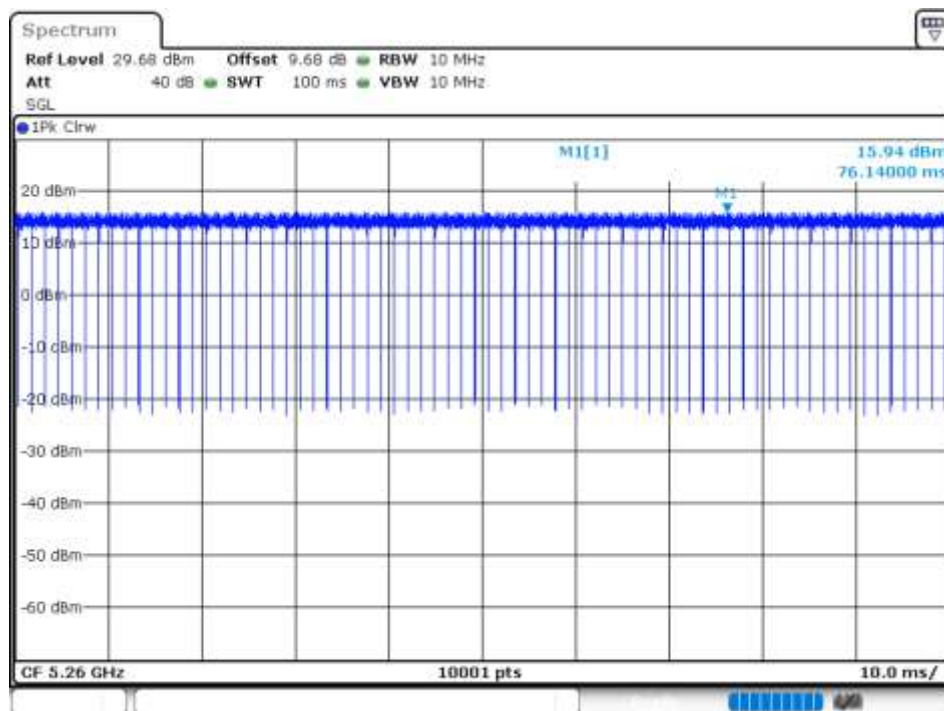


5.3 G WIFI

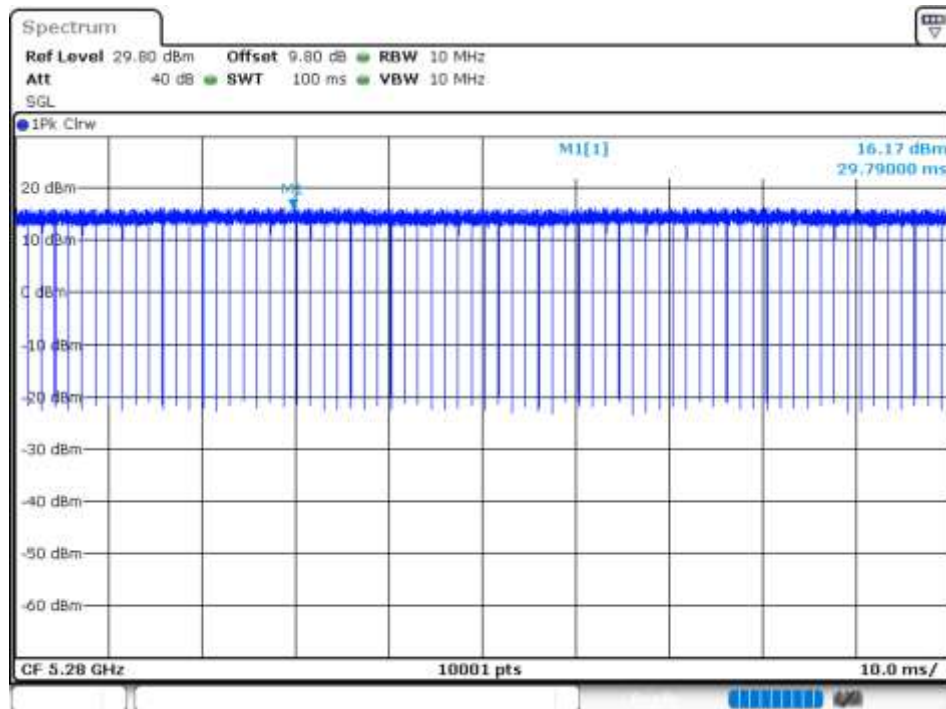
Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11a	5260	97.85	0.09
NVNT	802.11a	5280	97.88	0.09
NVNT	802.11a	5320	97.84	0.09
NVNT	802.11ac20	5260	97.62	0.1
NVNT	802.11ac20	5280	97.73	0.1
NVNT	802.11ac20	5320	97.78	0.1
NVNT	802.11ac40	5270	96.27	0.17
NVNT	802.11ac40	5310	96.27	0.17
NVNT	802.11ac80	5290	92.86	0.32
NVNT	802.11n(HT20)	5260	97.74	0.1
NVNT	802.11n(HT20)	5280	97.71	0.1
NVNT	802.11n(HT20)	5320	97.72	0.1
NVNT	802.11n(HT40)	5310	96.28	0.16

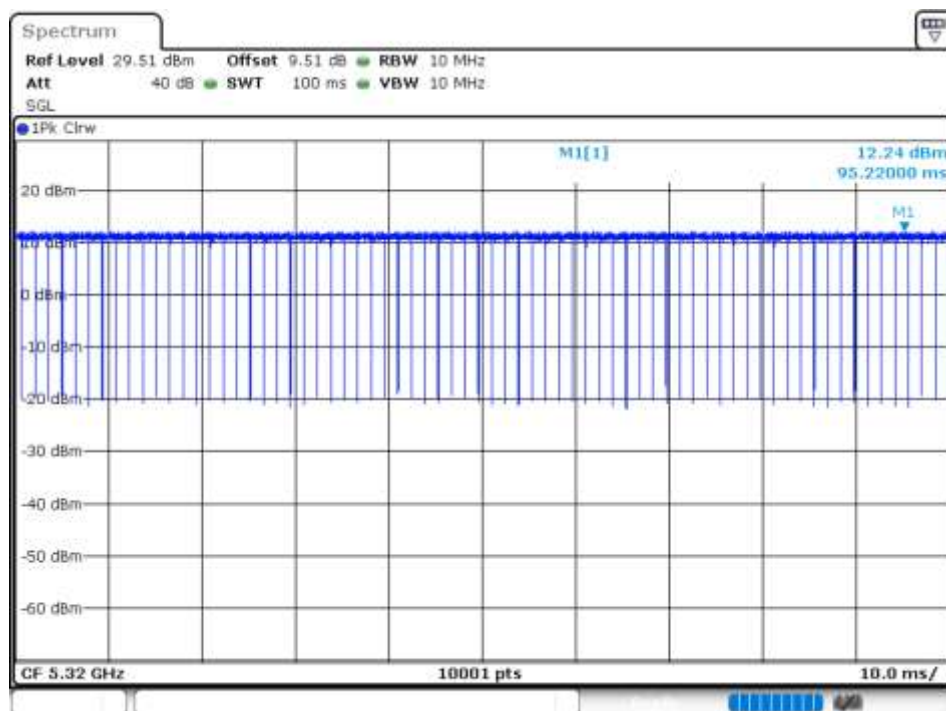
Duty Cycle NVNT 802.11a 5260MHz



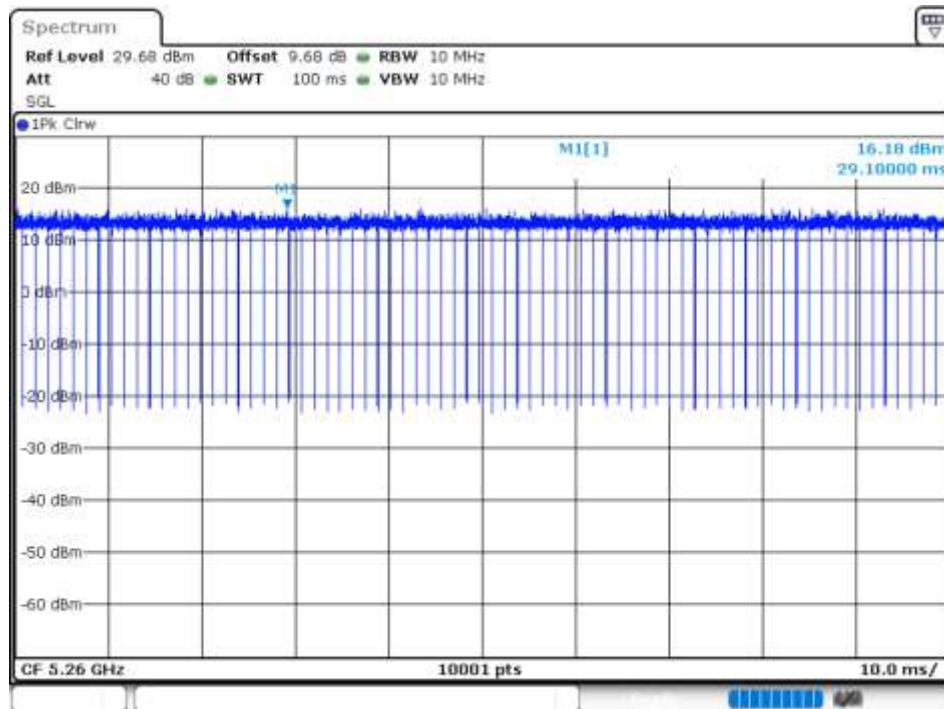
Duty Cycle NVNT 802.11a 5280MHz



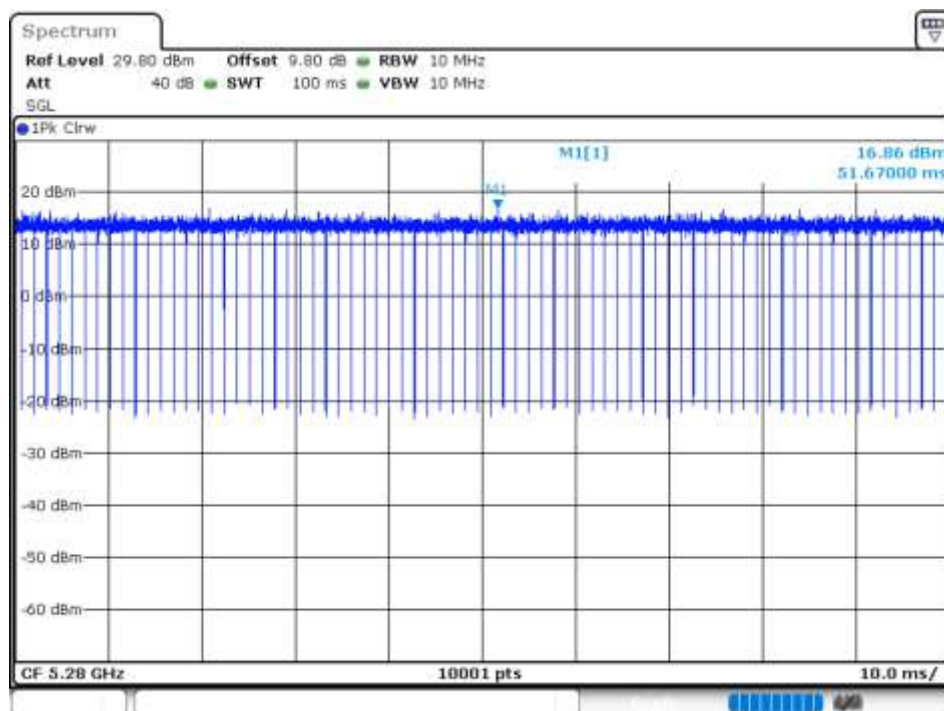
Duty Cycle NVNT 802.11a 5320MHz



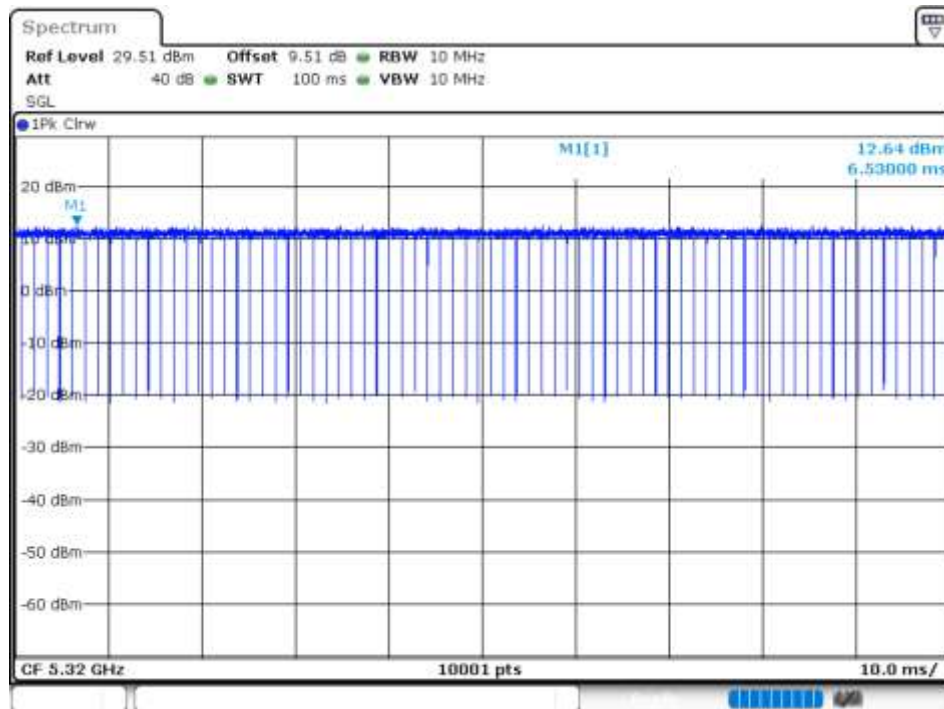
Duty Cycle NVNT 802.11ac20 5260MHz



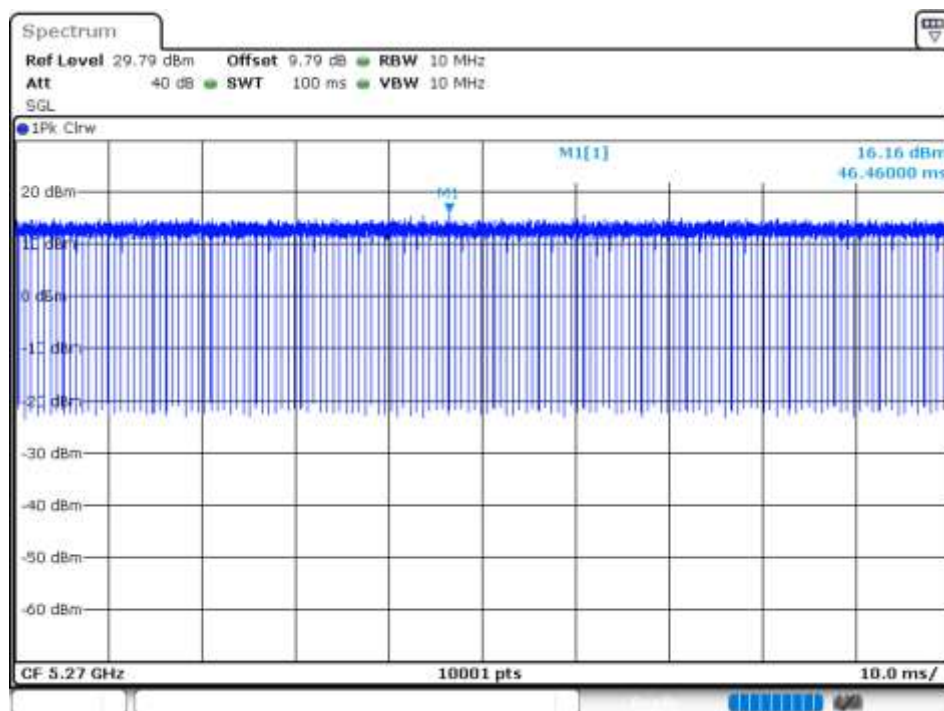
Duty Cycle NVNT 802.11ac20 5280MHz



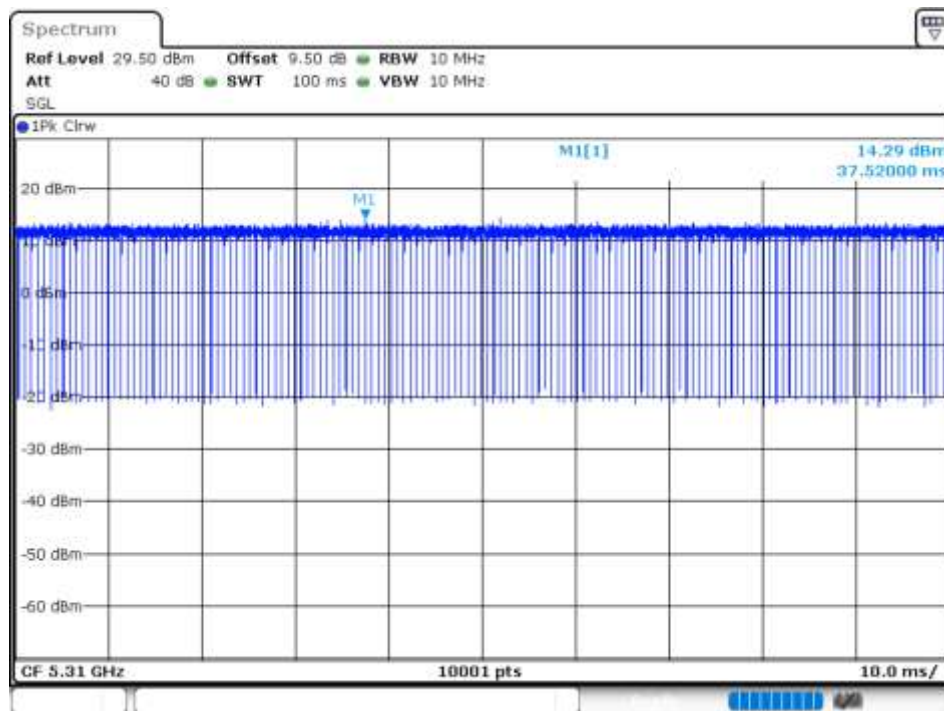
Duty Cycle NVNT 802.11ac20 5320MHz



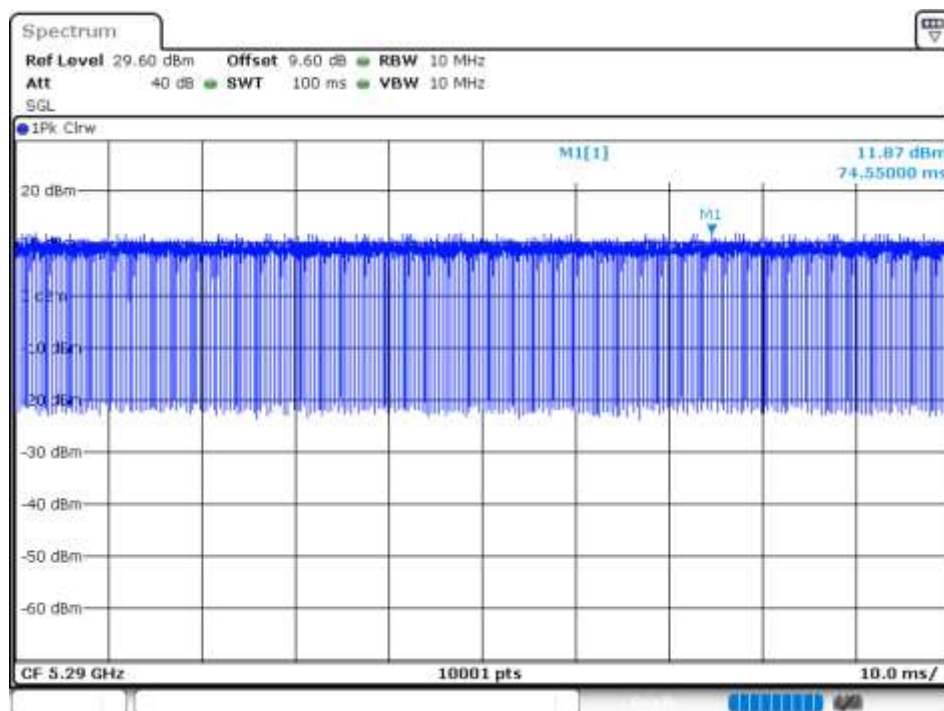
Duty Cycle NVNT 802.11ac40 5270MHz



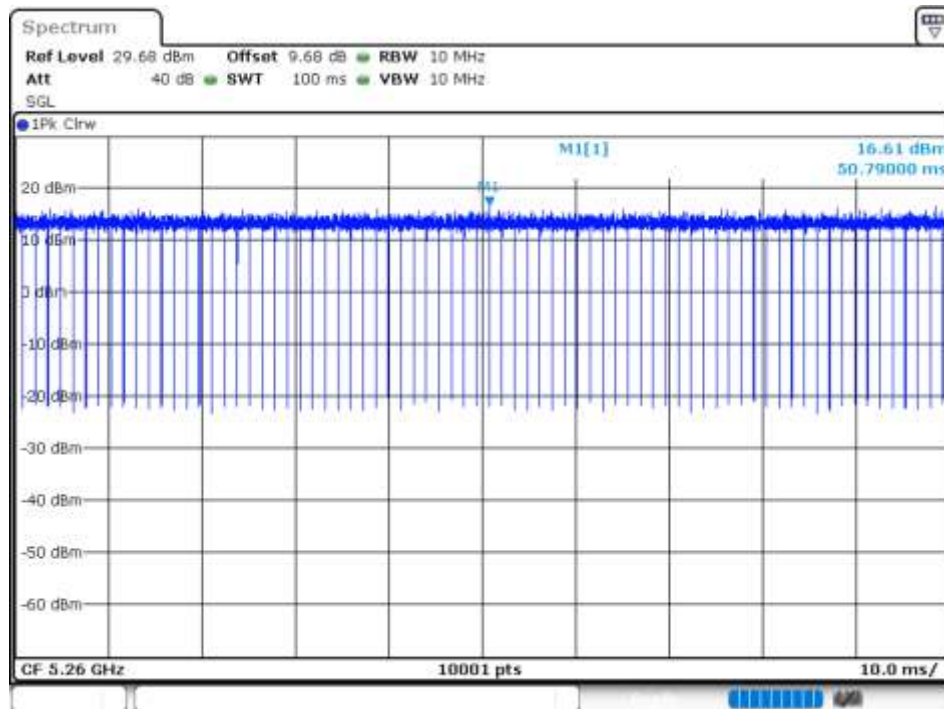
Duty Cycle NVNT 802.11ac40 5310MHz



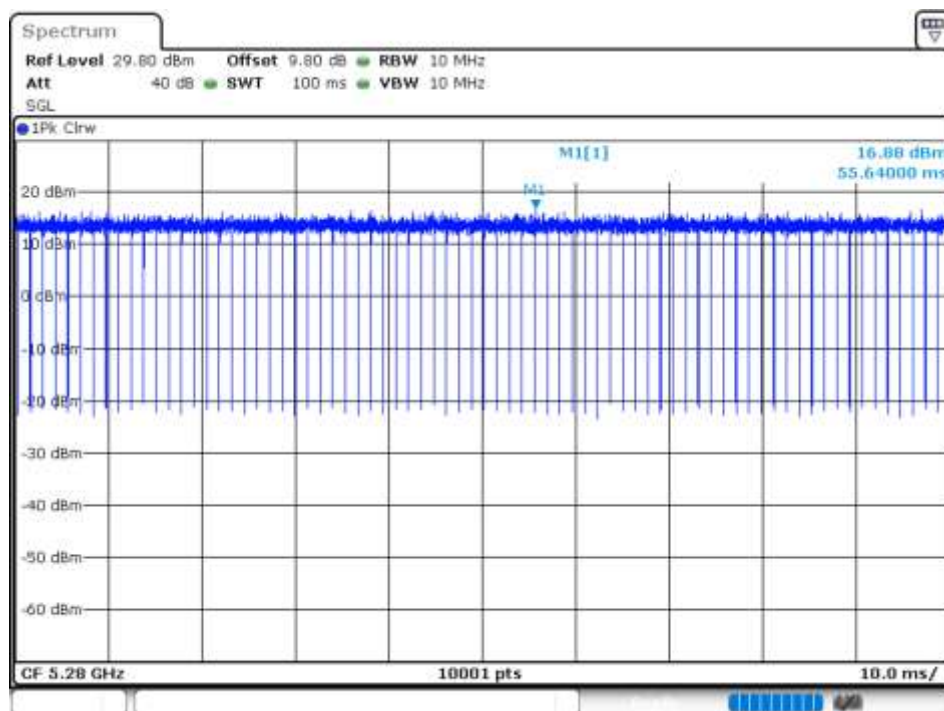
Duty Cycle NVNT 802.11ac80 5290MHz



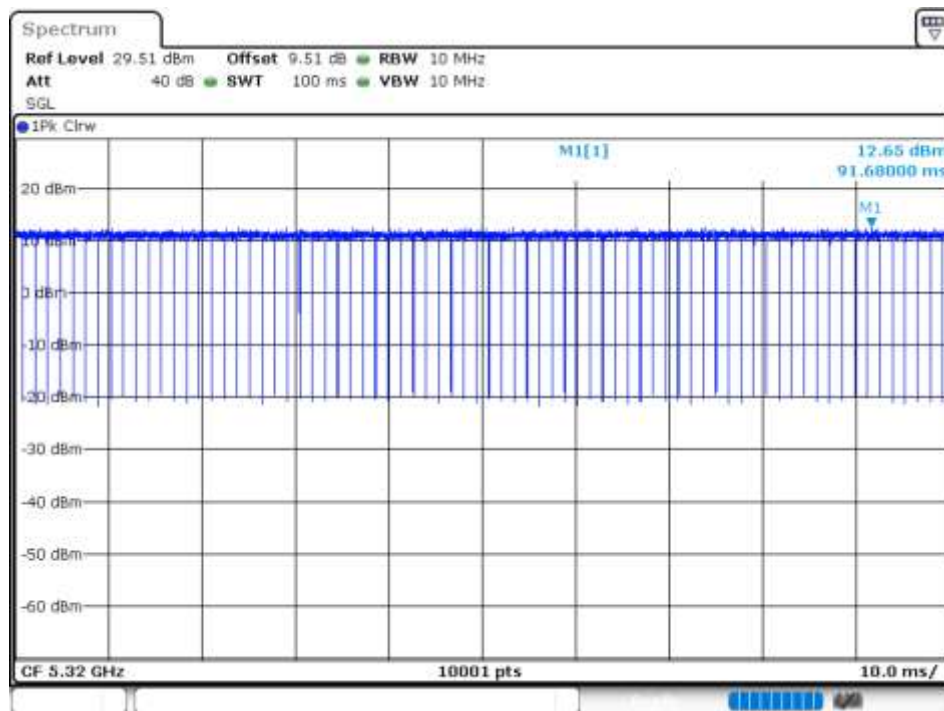
Duty Cycle NVNT 802.11n(HT20) 5260MHz



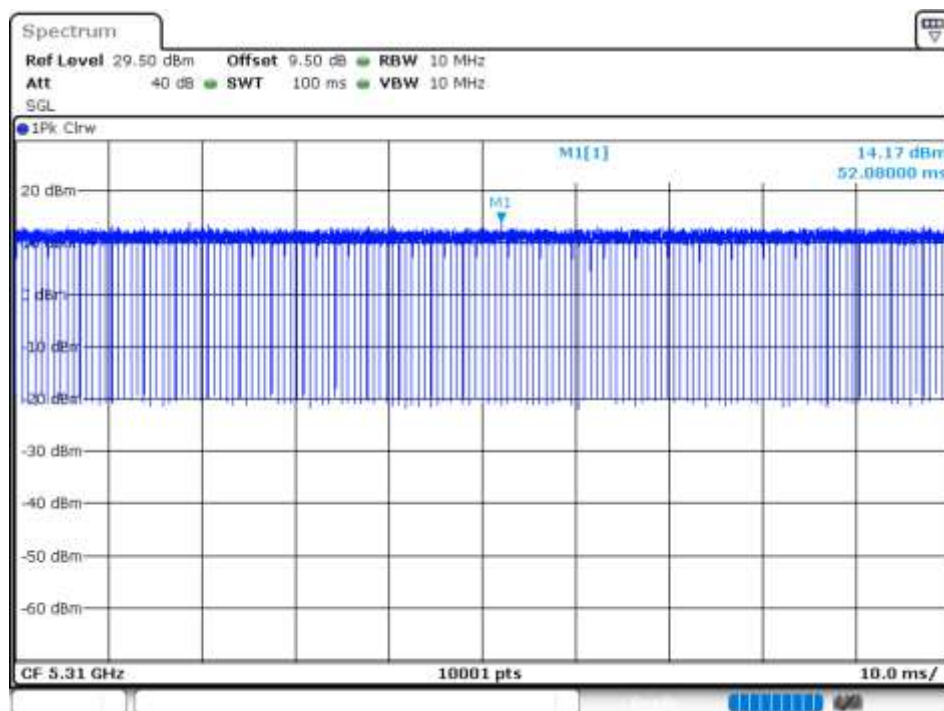
Duty Cycle NVNT 802.11n(HT20) 5280MHz



Duty Cycle NVNT 802.11n(HT20) 5320MHz



Duty Cycle NVNT 802.11n(HT40) 5310MHz



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5260	Ant 1	7.58	0.09	7.67	24	Pass
NVNT	802.11a	5280	Ant 1	7.54	0.09	7.63	24	Pass
NVNT	802.11a	5320	Ant 1	6.67	0.09	6.76	24	Pass
NVNT	802.11ac20	5260	Ant 1	7.21	0.1	7.31	24	Pass
NVNT	802.11ac20	5280	Ant 1	7.05	0.1	7.15	24	Pass
NVNT	802.11ac20	5320	Ant 1	6.42	0.1	6.52	24	Pass
NVNT	802.11ac40	5270	Ant 1	7.78	0.17	7.95	24	Pass
NVNT	802.11ac40	5310	Ant 1	8.22	0.17	8.39	24	Pass
NVNT	802.11ac80	5290	Ant 1	8.5	0.32	8.82	24	Pass
NVNT	802.11n(HT20)	5260	Ant 1	6.95	0.1	7.05	24	Pass
NVNT	802.11n(HT20)	5280	Ant 1	7	0.1	7.1	24	Pass
NVNT	802.11n(HT20)	5320	Ant 1	6.53	0.1	6.63	24	Pass
NVNT	802.11n(HT40)	5310	Ant 1	7.16	0.16	7.32	24	Pass

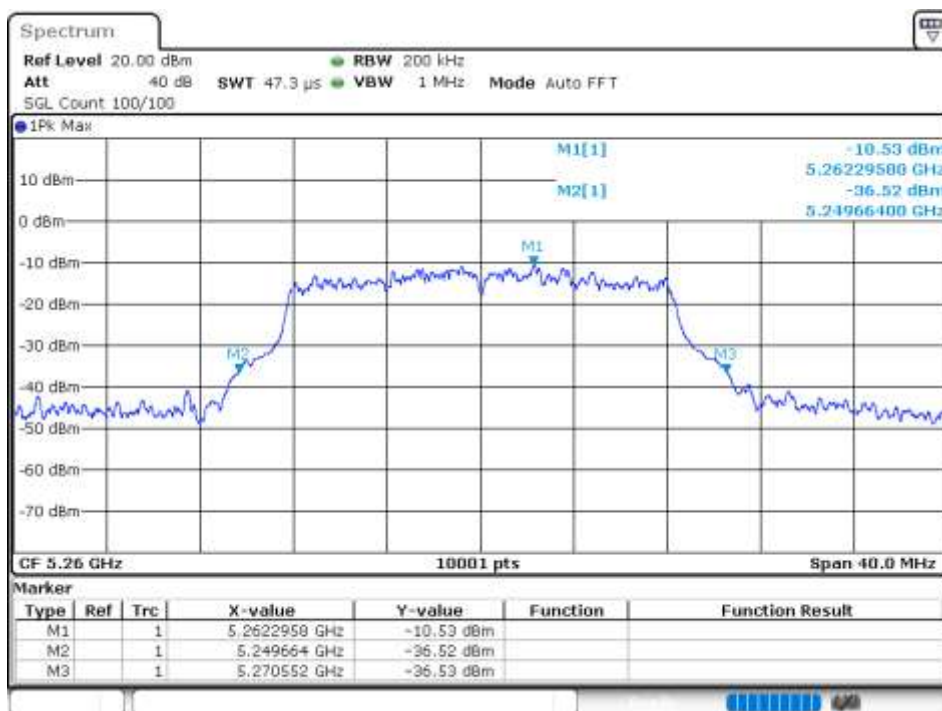
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)
NVNT	802.11a	5260	Ant 1	16.8023	20.888
NVNT	802.11a	5280	Ant 1	16.8903	20.692
NVNT	802.11a	5320	Ant 1	19.3901	31.436
NVNT	802.11ac20	5260	Ant 1	17.929	21.5489
NVNT	802.11ac20	5280	Ant 1	17.9702	21.42
NVNT	802.11ac20	5320	Ant 1	21.2429	32.62
NVNT	802.11ac40	5270	Ant 1	35.7084	40.632
NVNT	802.11ac40	5310	Ant 1	36.5803	60.72
NVNT	802.11ac80	5290	Ant 1	75.4005	83.136
NVNT	802.11n(HT20)	5260	Ant 1	18.0862	21.476
NVNT	802.11n(HT20)	5280	Ant 1	17.9702	21.38
NVNT	802.11n(HT20)	5320	Ant 1	21.5928	36.491
NVNT	802.11n(HT40)	5310	Ant 1	37.0463	58.2

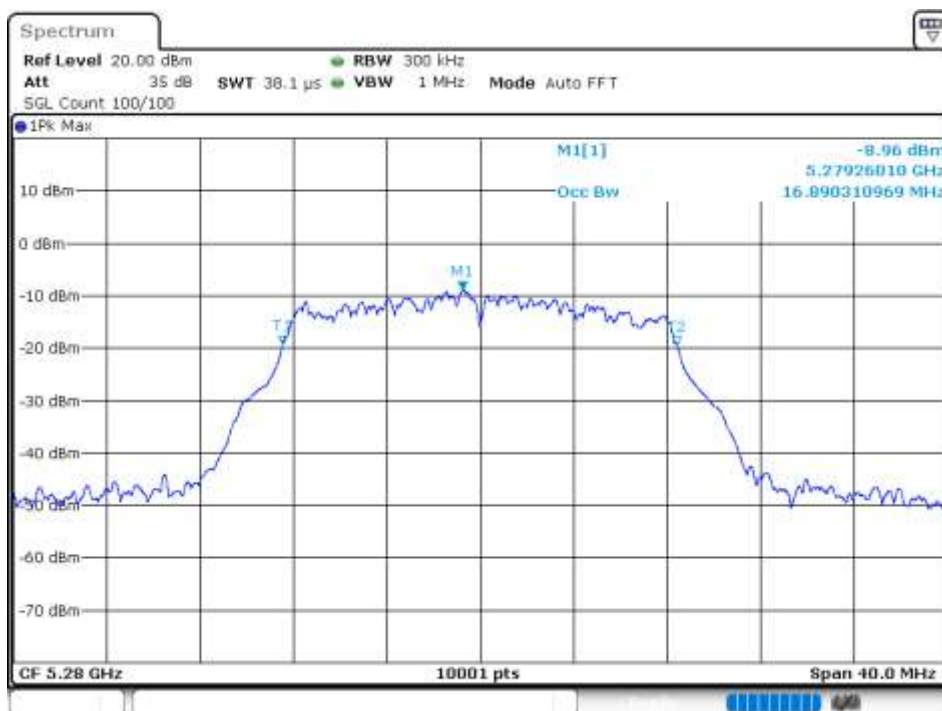
OBW NVNT 802.11a 5260MHz Ant1



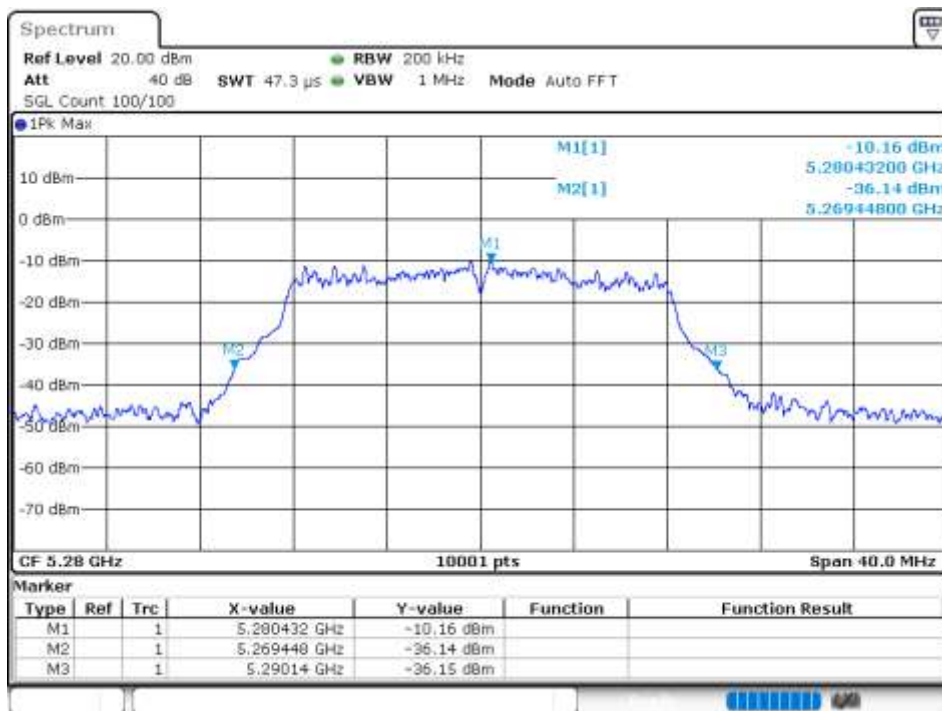
-26 dB BW NVNT 802.11a 5260MHz Ant1



OBW NVNT 802.11a 5280MHz Ant1



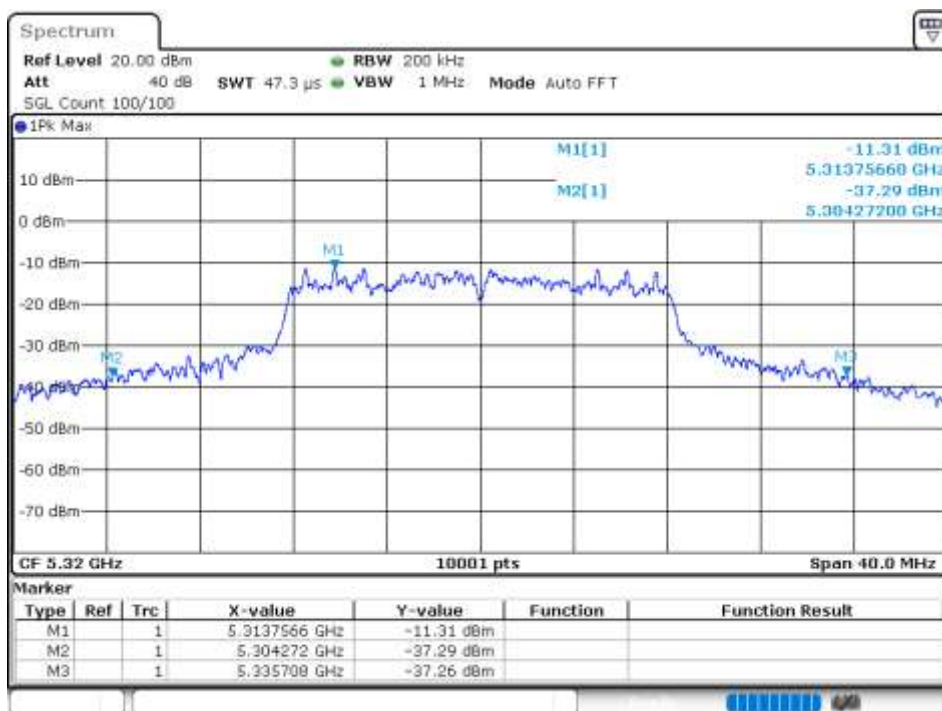
-26 dB BW NVNT 802.11a 5280MHz Ant1



OBW NVNT 802.11a 5320MHz Ant1



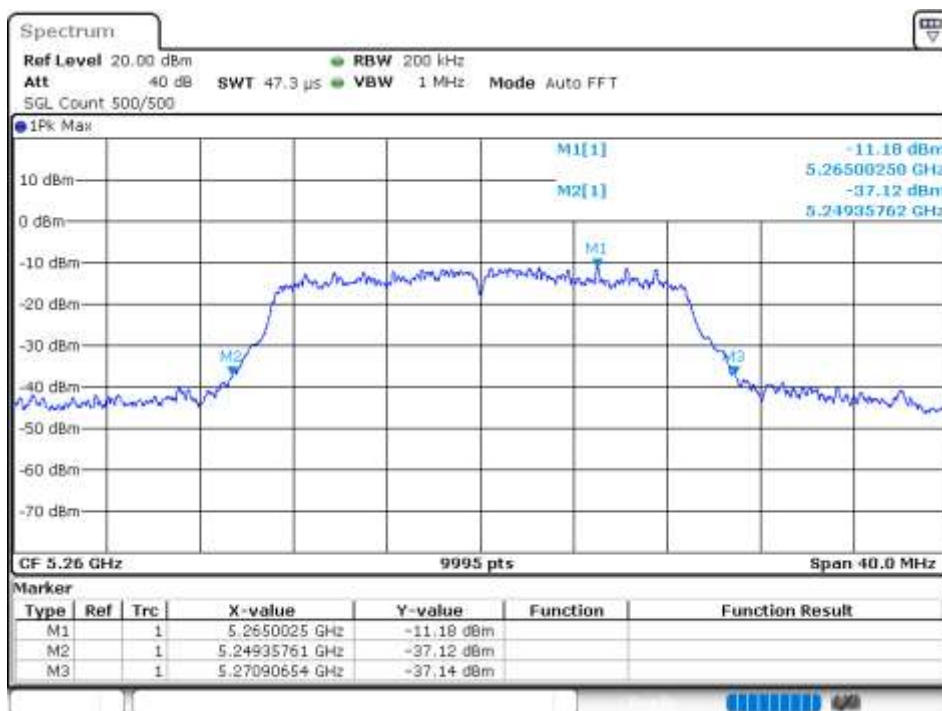
-26 dB BW NVNT 802.11a 5320MHz Ant1



OBW NVNT 802.11ac20 5260MHz Ant1



-26 dB BW NVNT 802.11ac20 5260MHz Ant1



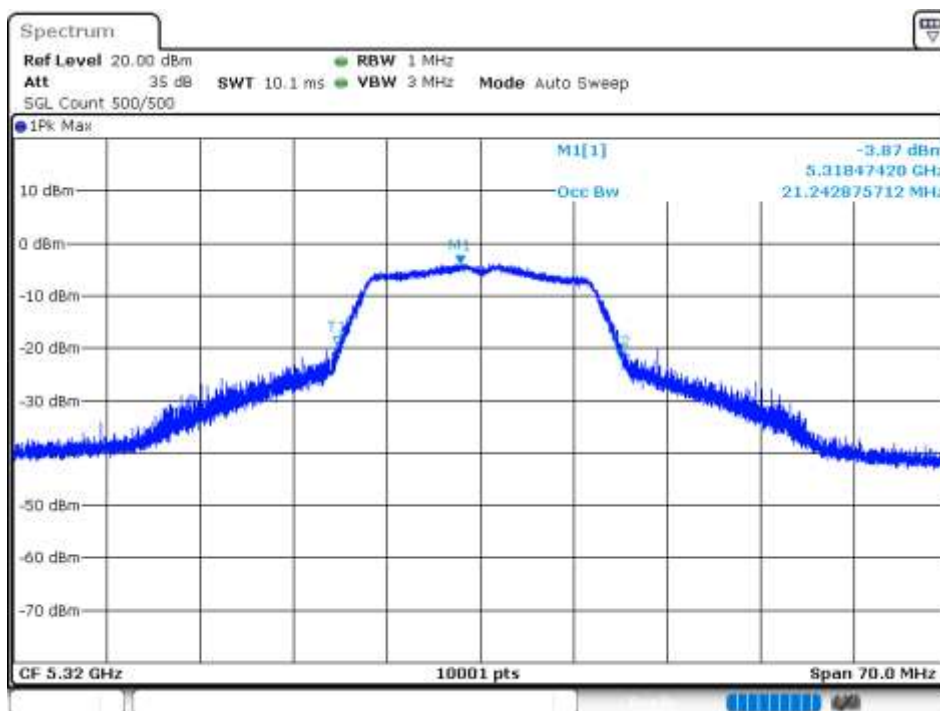
OBW NVNT 802.11ac20 5280MHz Ant1



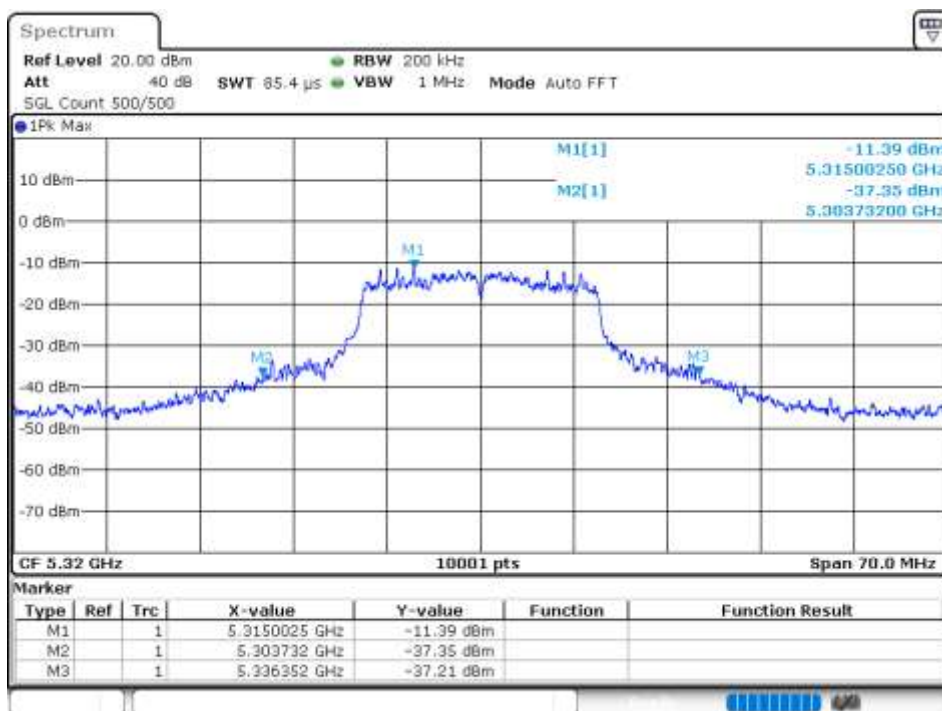
-26 dB BW NVNT 802.11ac20 5280MHz Ant1



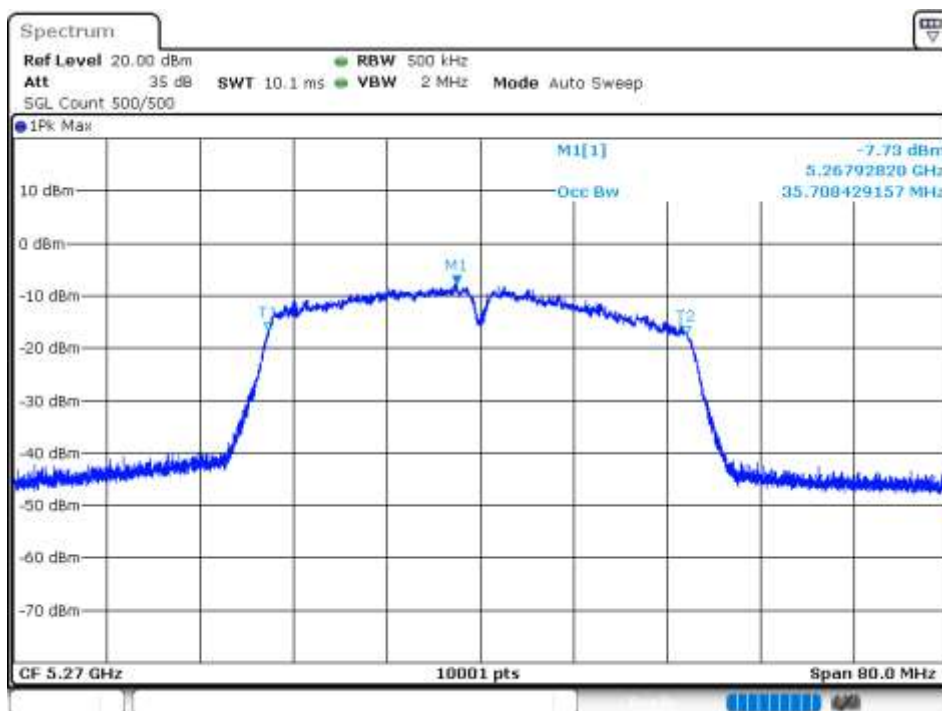
OBW NVNT 802.11ac20 5320MHz Ant1



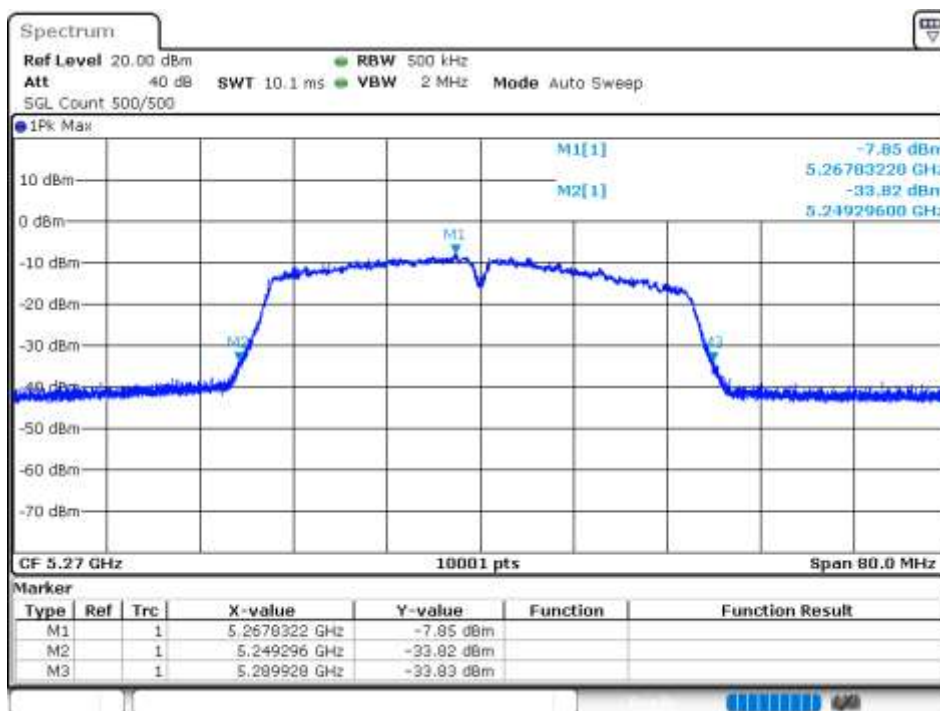
-26 dB BW NVNT 802.11ac20 5320MHz Ant1



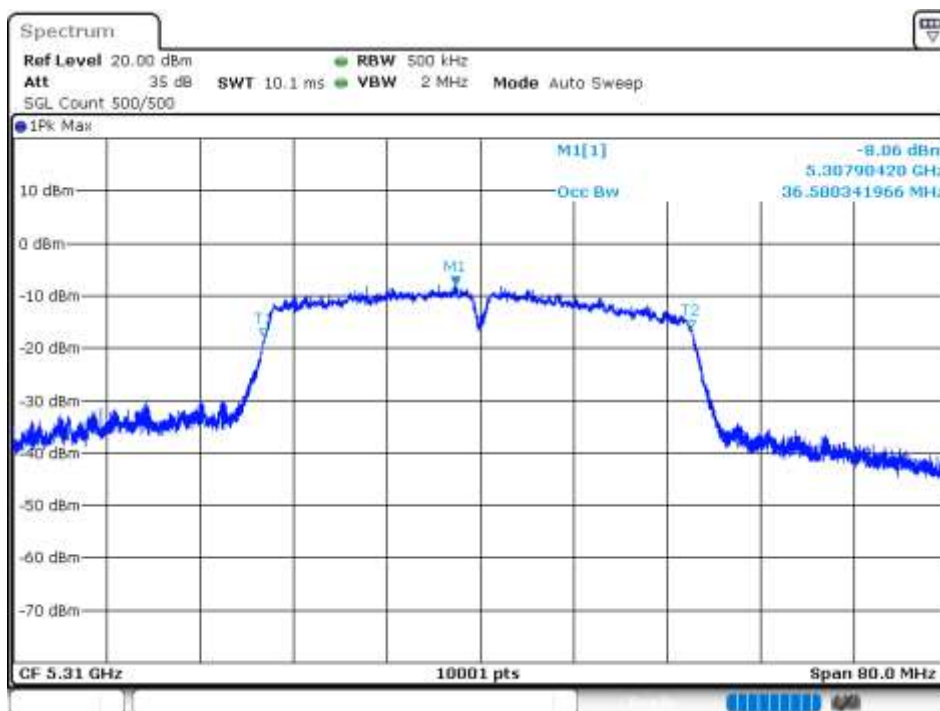
OBW NVNT 802.11ac40 5270MHz Ant1



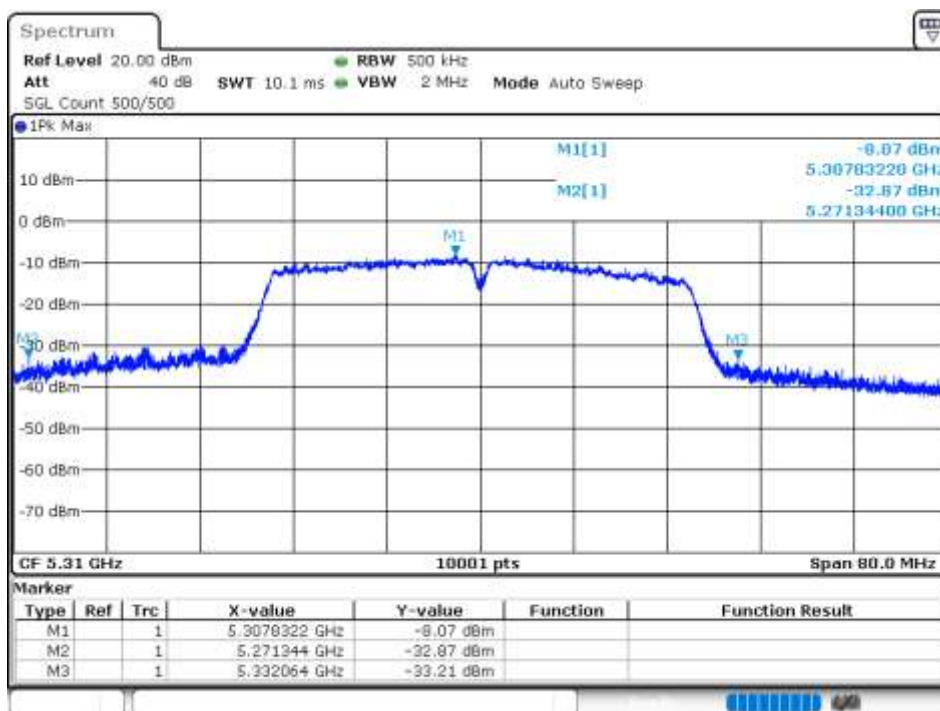
-26 dB BW NVNT 802.11ac40 5270MHz Ant1



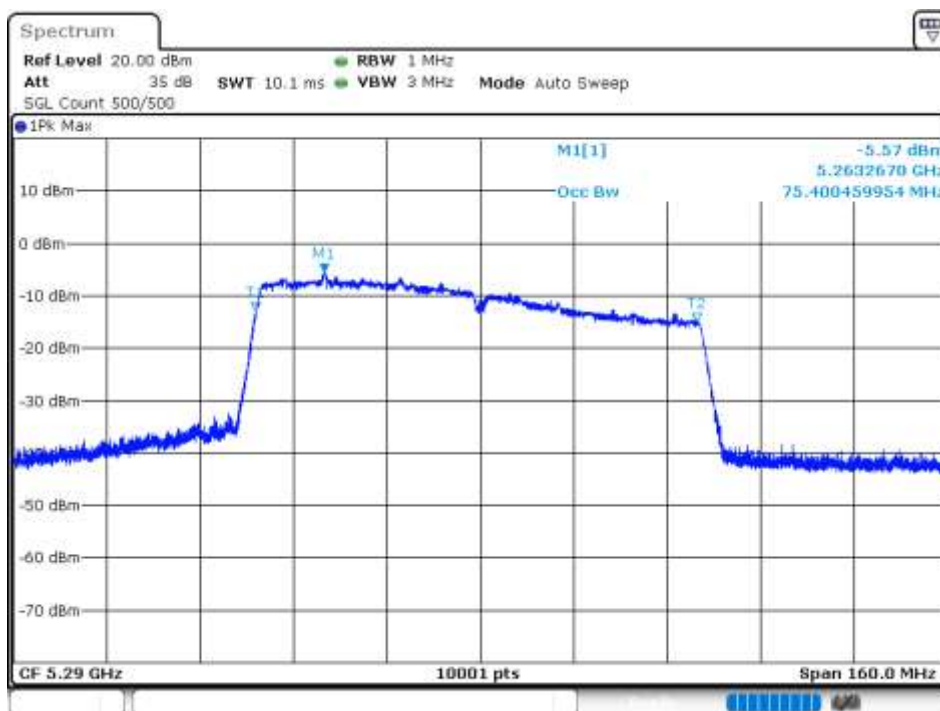
OBW NVNT 802.11ac40 5310MHz Ant1



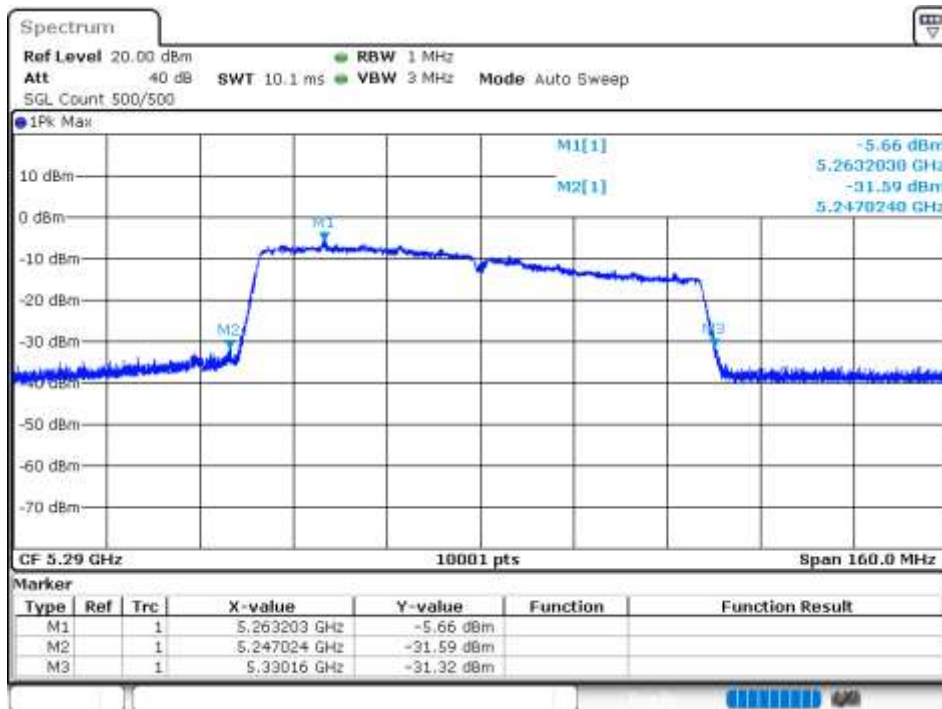
-26 dB BW NVNT 802.11ac40 5310MHz Ant1



OBW NVNT 802.11ac80 5290MHz Ant1



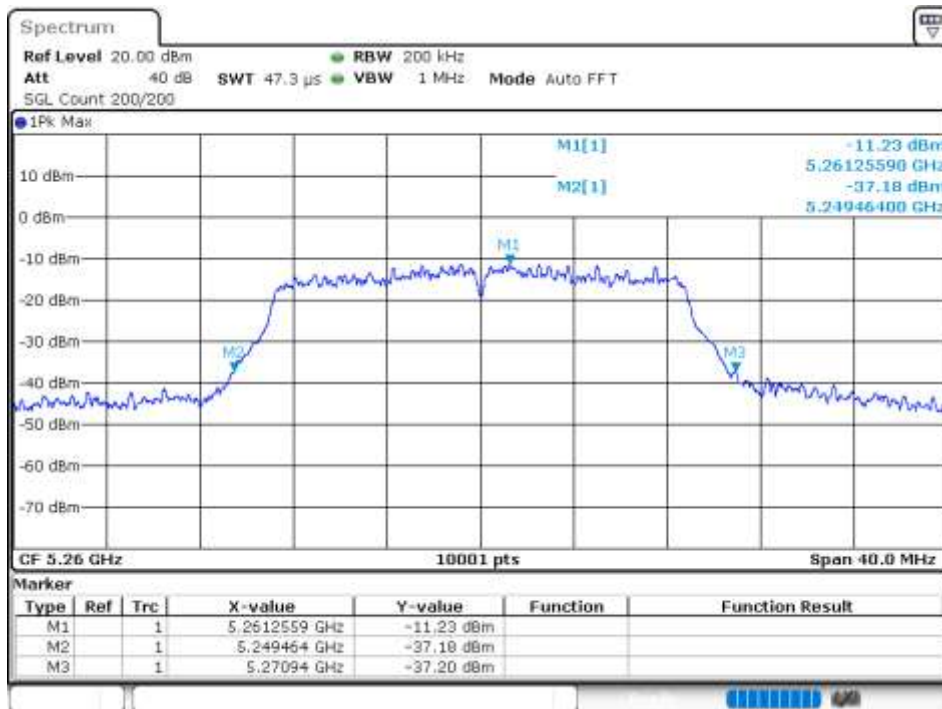
-26 dB BW NVNT 802.11ac80 5290MHz Ant1



OBW NVNT 802.11n(HT20) 5260MHz Ant1



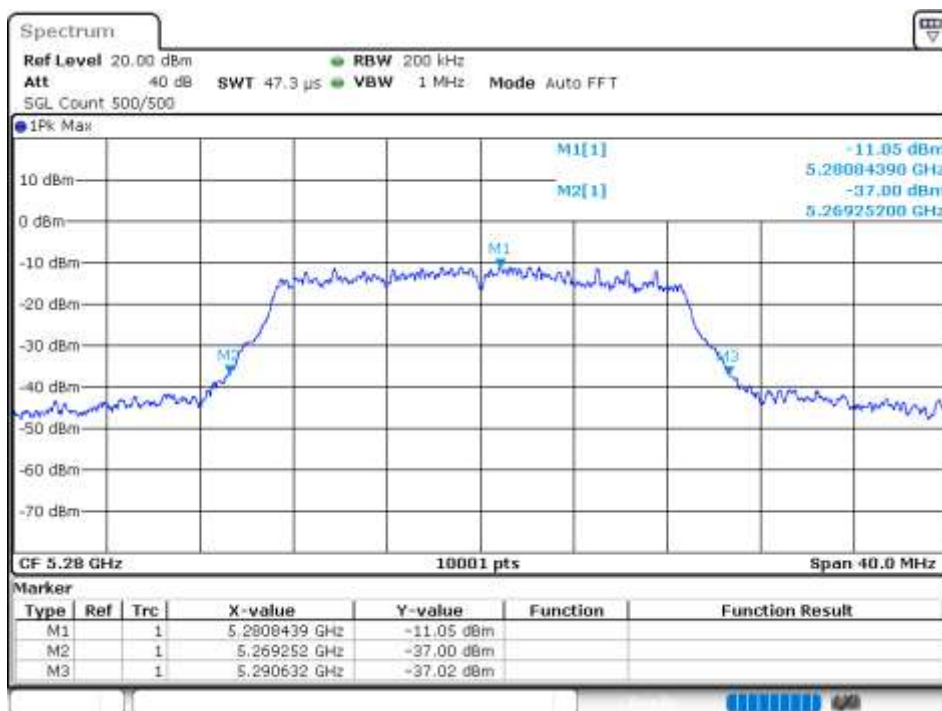
-26 dB BW NVNT 802.11n(HT20) 5260MHz Ant1



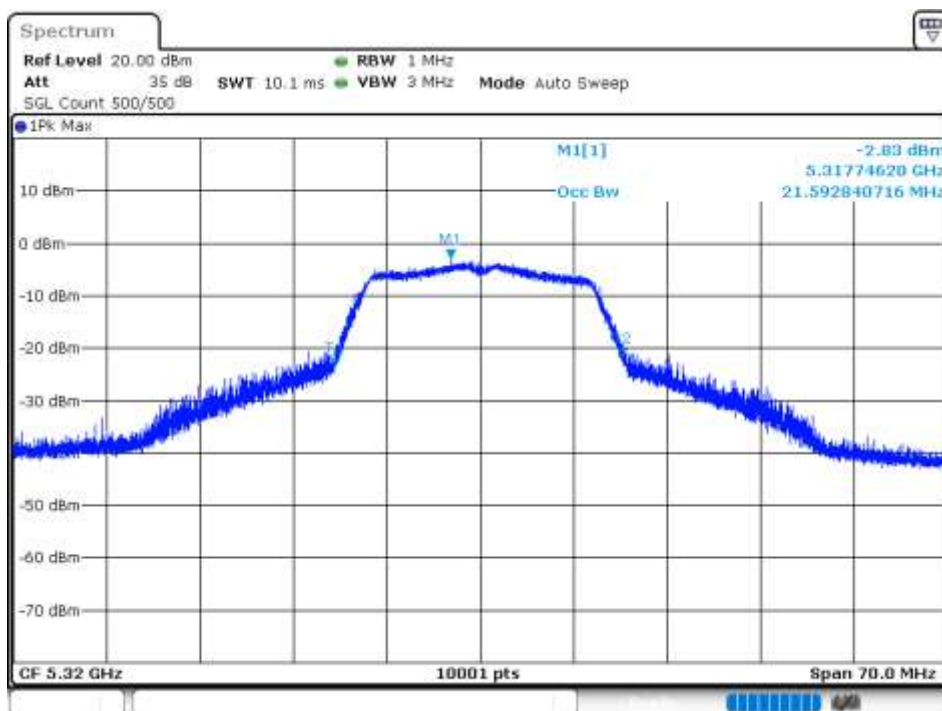
OBW NVNT 802.11n(HT20) 5280MHz Ant1



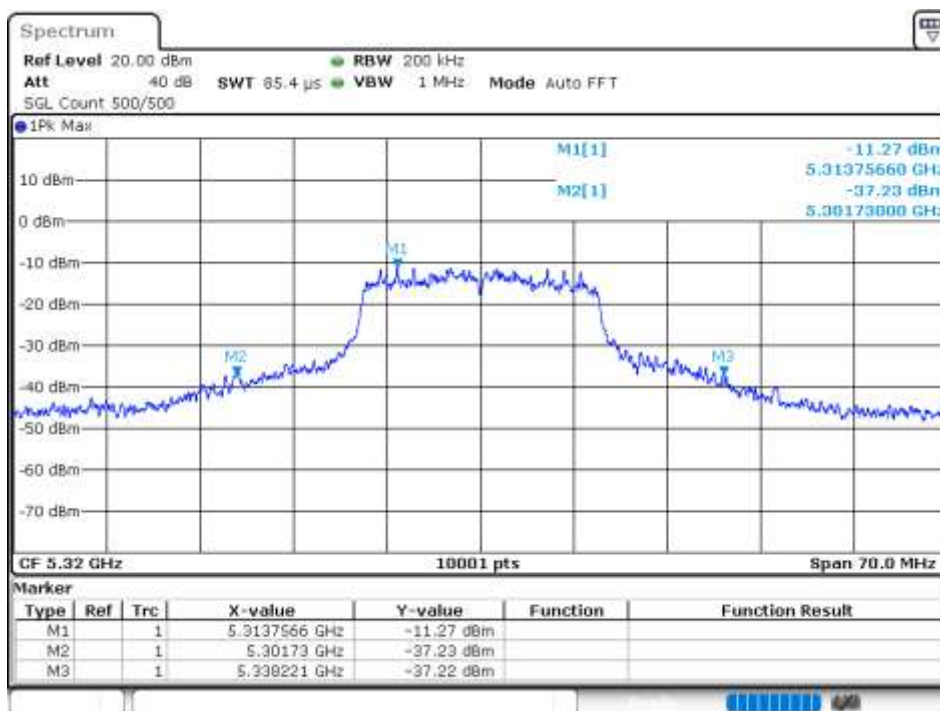
-26 dB BW NVNT 802.11n(HT20) 5280MHz Ant1



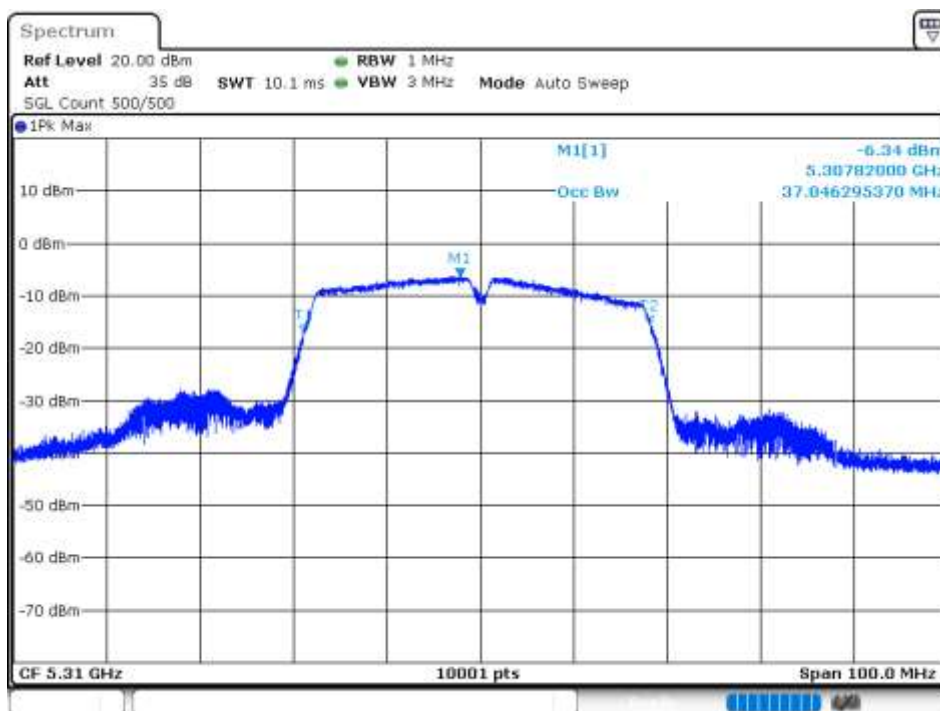
OBW NVNT 802.11n(HT20) 5320MHz Ant1



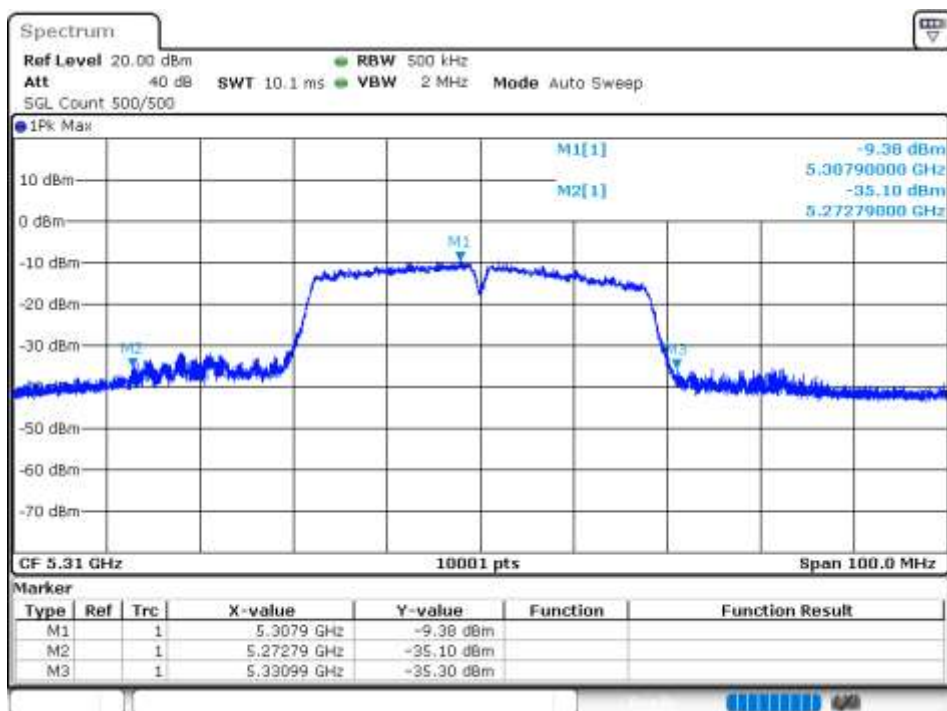
-26 dB BW NVNT 802.11n(HT20) 5320MHz Ant1



OBW NVNT 802.11n(HT40) 5310MHz Ant1



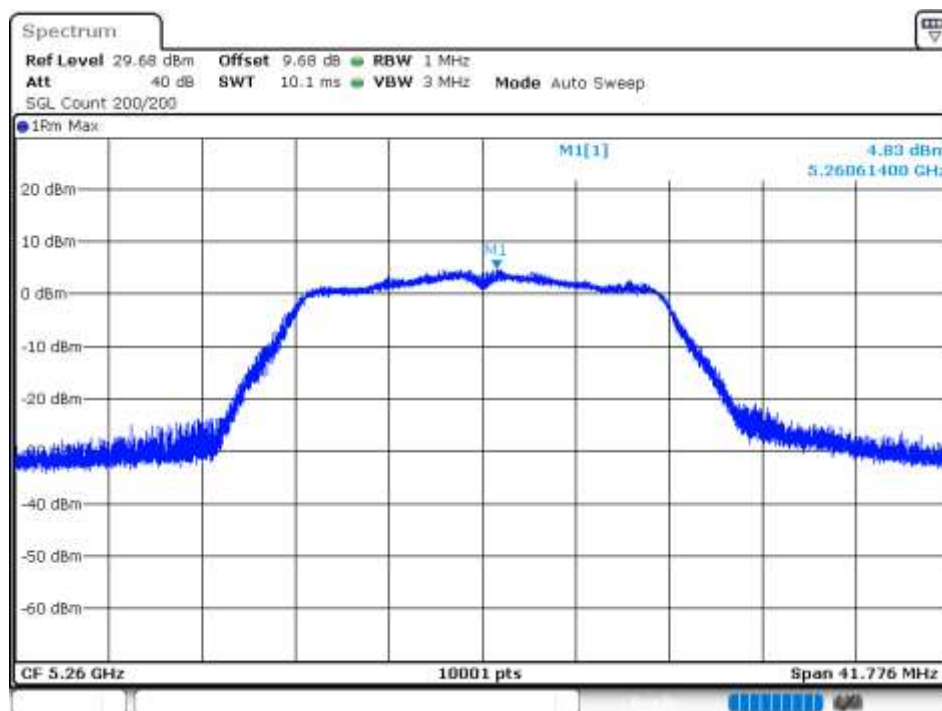
-26 dB BW NVNT 802.11n(HT40) 5310MHz Ant1



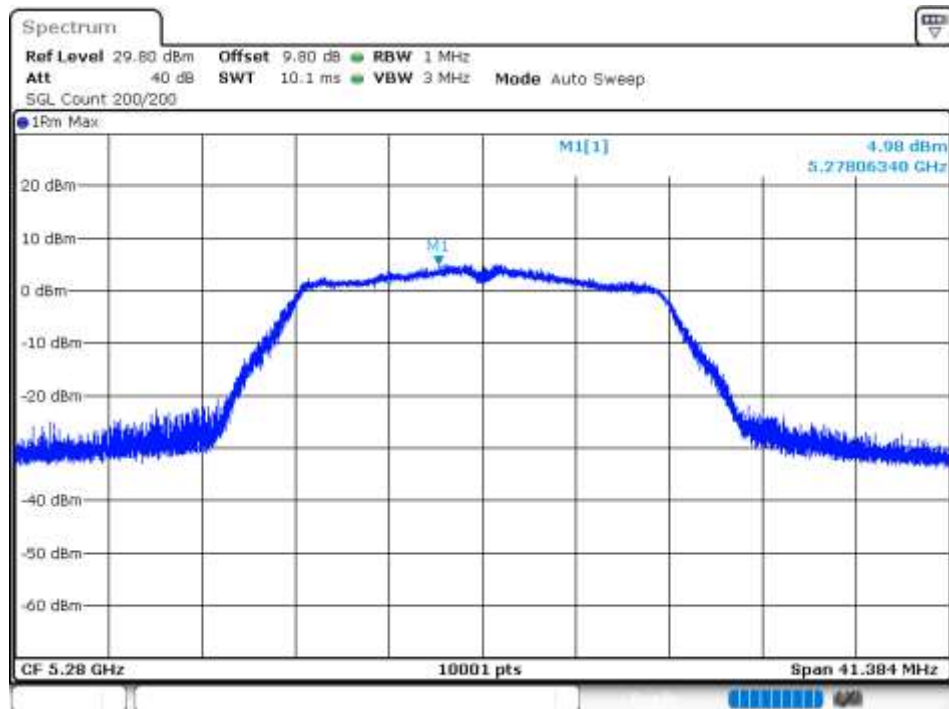
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5260	Ant 1	4.829	11	Pass
NVNT	802.11a	5280	Ant 1	4.984	11	Pass
NVNT	802.11a	5320	Ant 1	3.61	11	Pass
NVNT	802.11ac20	5260	Ant 1	4.334	11	Pass
NVNT	802.11ac20	5280	Ant 1	5.194	11	Pass
NVNT	802.11ac20	5320	Ant 1	3.988	11	Pass
NVNT	802.11ac40	5270	Ant 1	3.053	11	Pass
NVNT	802.11ac40	5310	Ant 1	2.321	11	Pass
NVNT	802.11ac80	5290	Ant 1	1.834	11	Pass
NVNT	802.11n(HT20)	5260	Ant 1	4.618	11	Pass
NVNT	802.11n(HT20)	5280	Ant 1	4.946	11	Pass
NVNT	802.11n(HT20)	5320	Ant 1	4.708	11	Pass
NVNT	802.11n(HT40)	5310	Ant 1	1.808	11	Pass

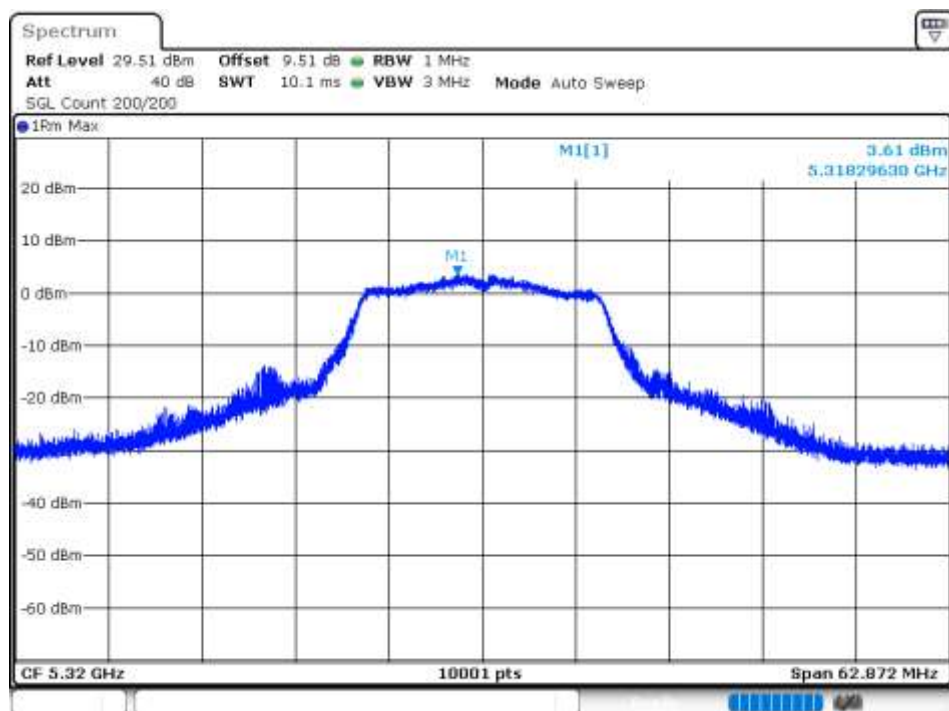
PSD NVNT 802.11a 5260MHz Ant1



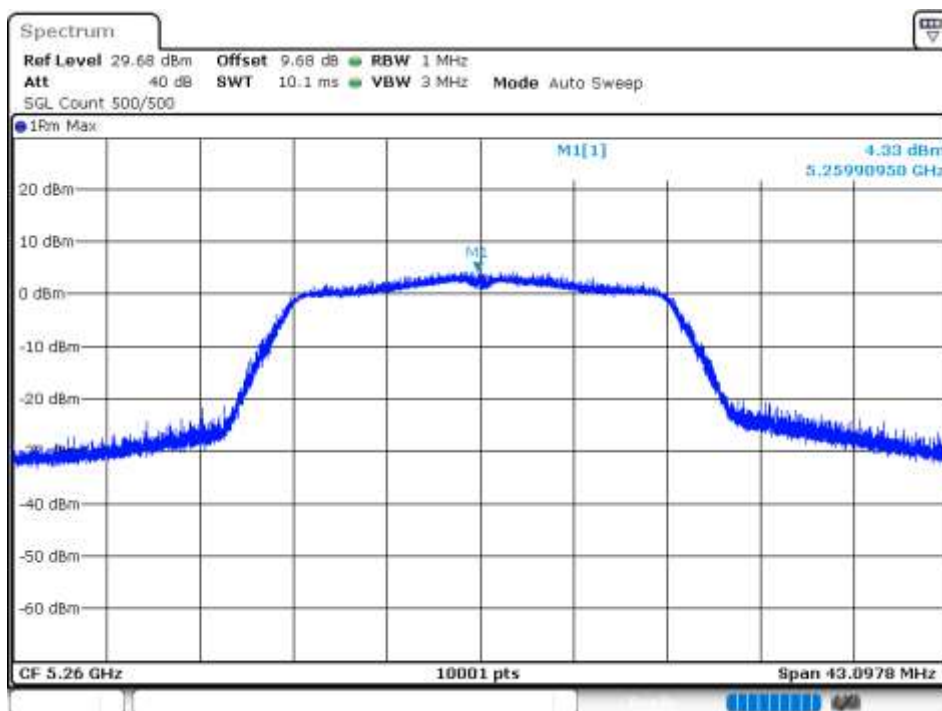
PSD NVNT 802.11a 5280MHz Ant1



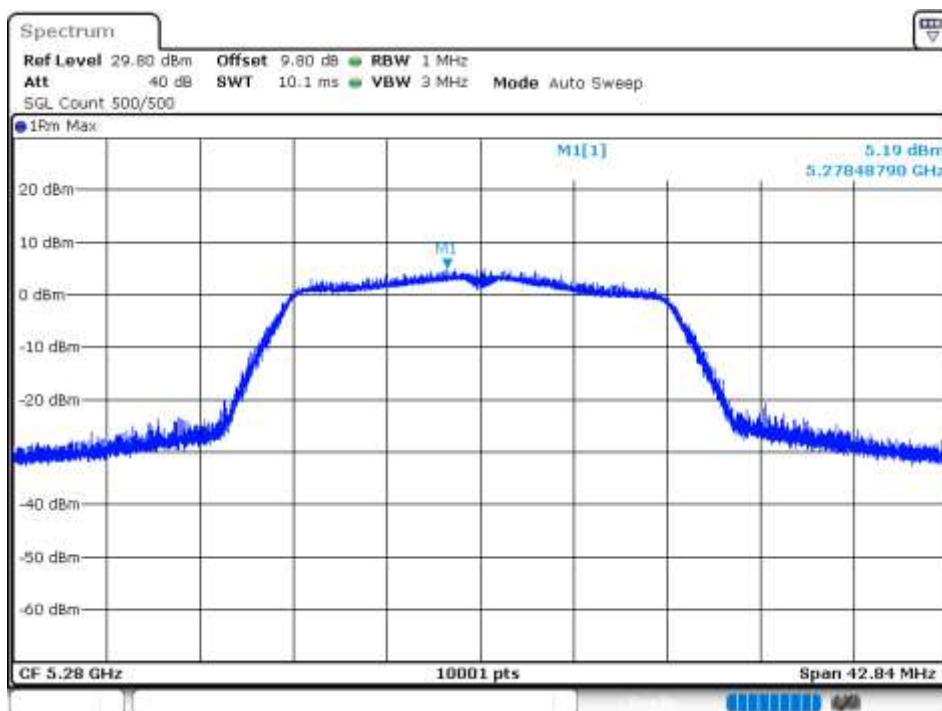
PSD NVNT 802.11a 5320MHz Ant1



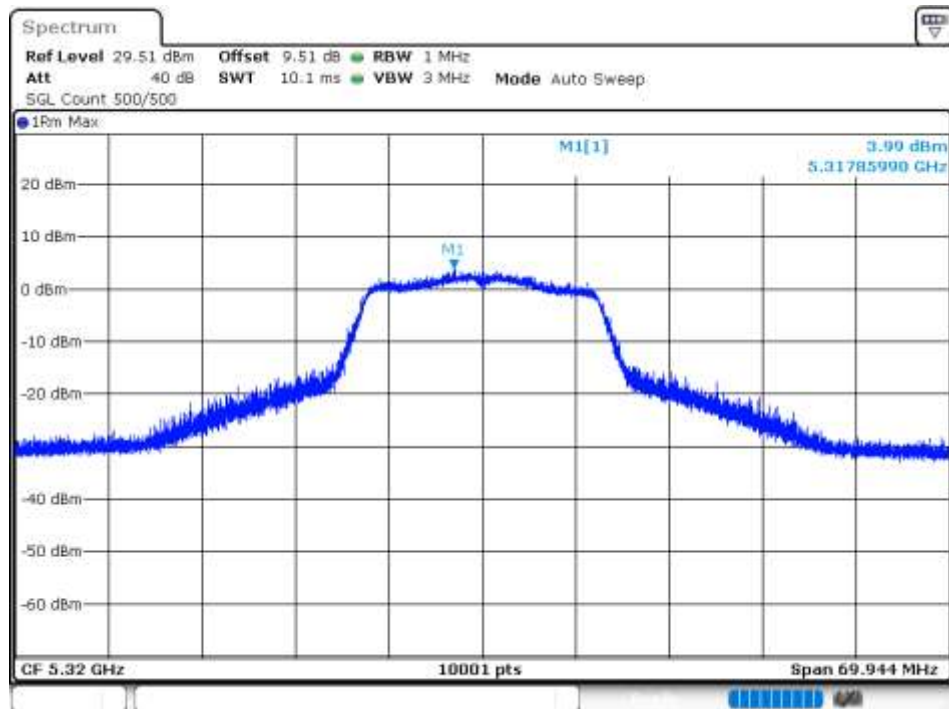
PSD NVNT 802.11ac20 5260MHz Ant1



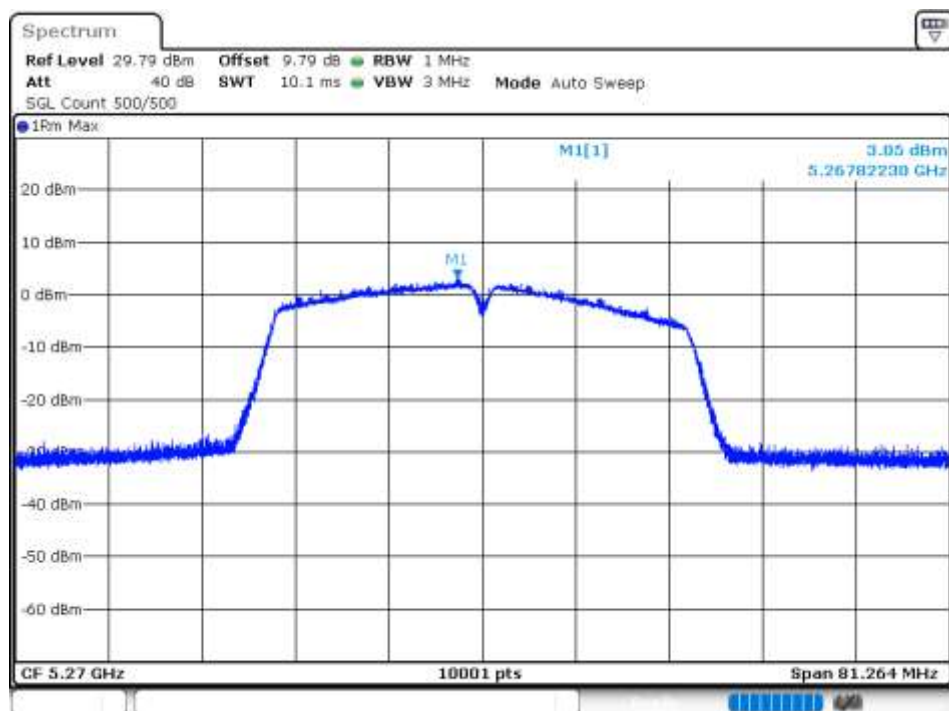
PSD NVNT 802.11ac20 5280MHz Ant1



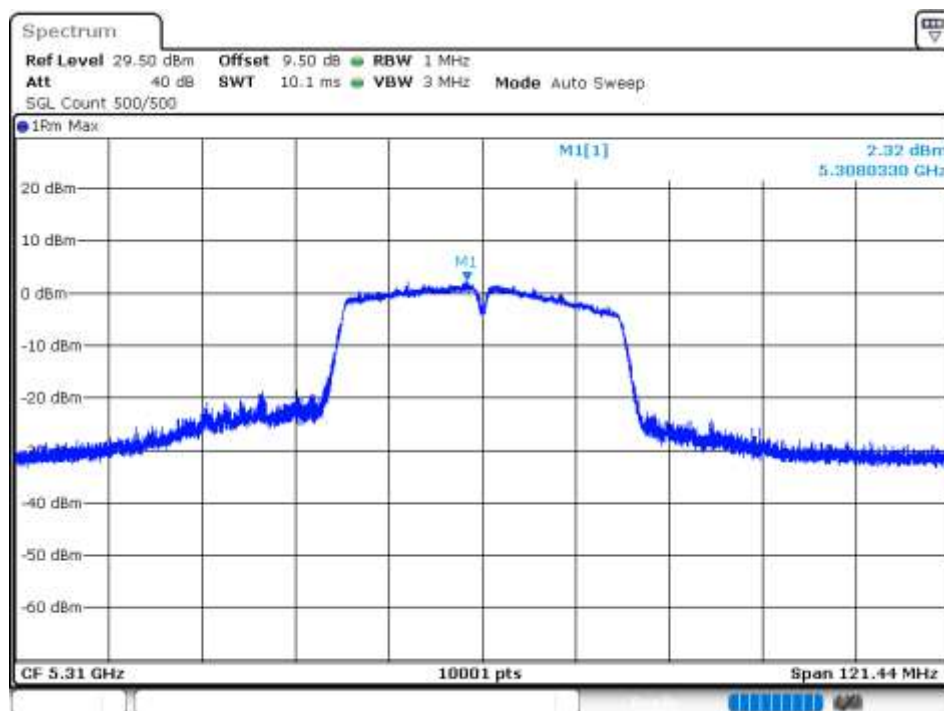
PSD NVNT 802.11ac20 5320MHz Ant1



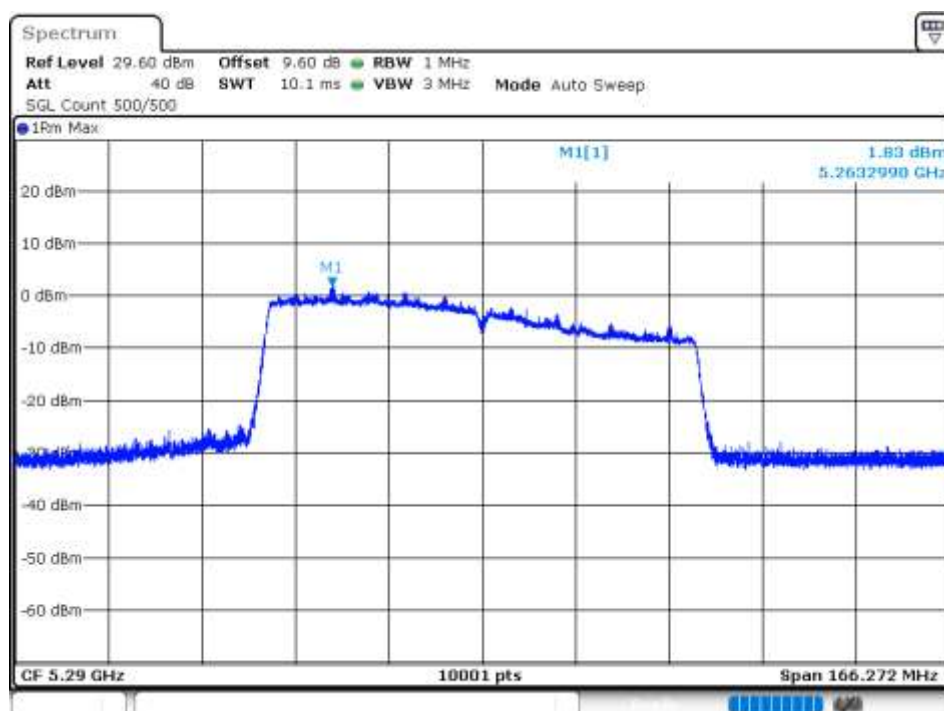
PSD NVNT 802.11ac40 5270MHz Ant1



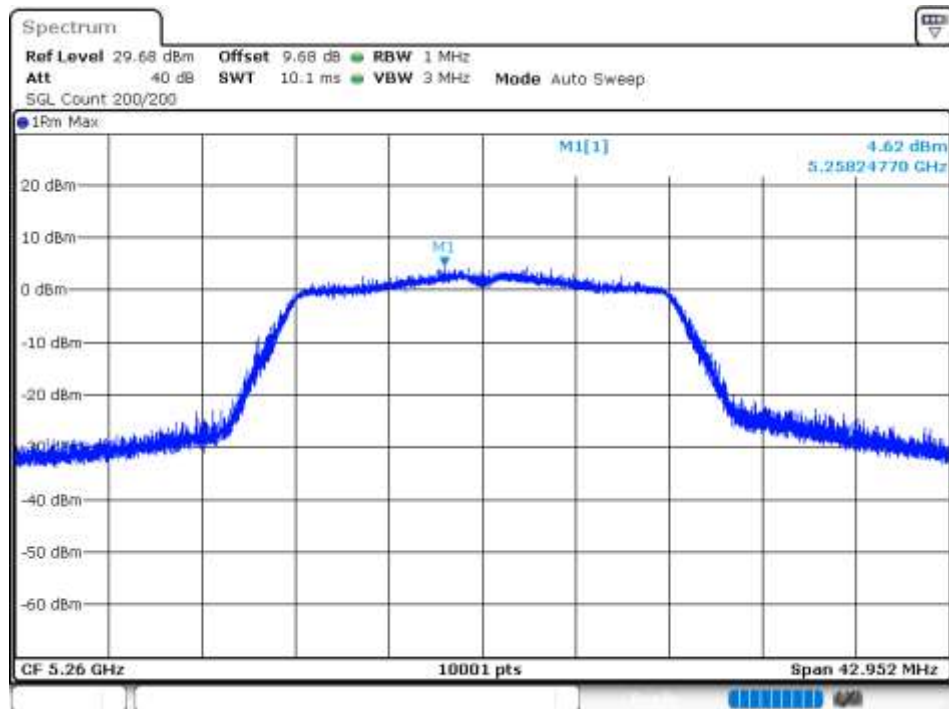
PSD NVNT 802.11ac40 5310MHz Ant1



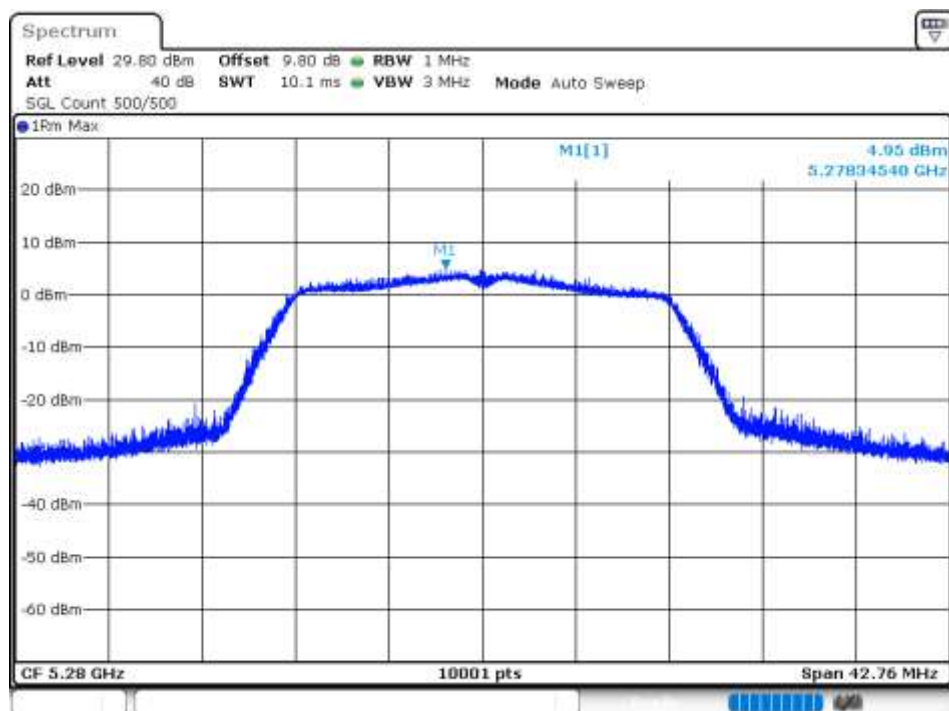
PSD NVNT 802.11ac80 5290MHz Ant1



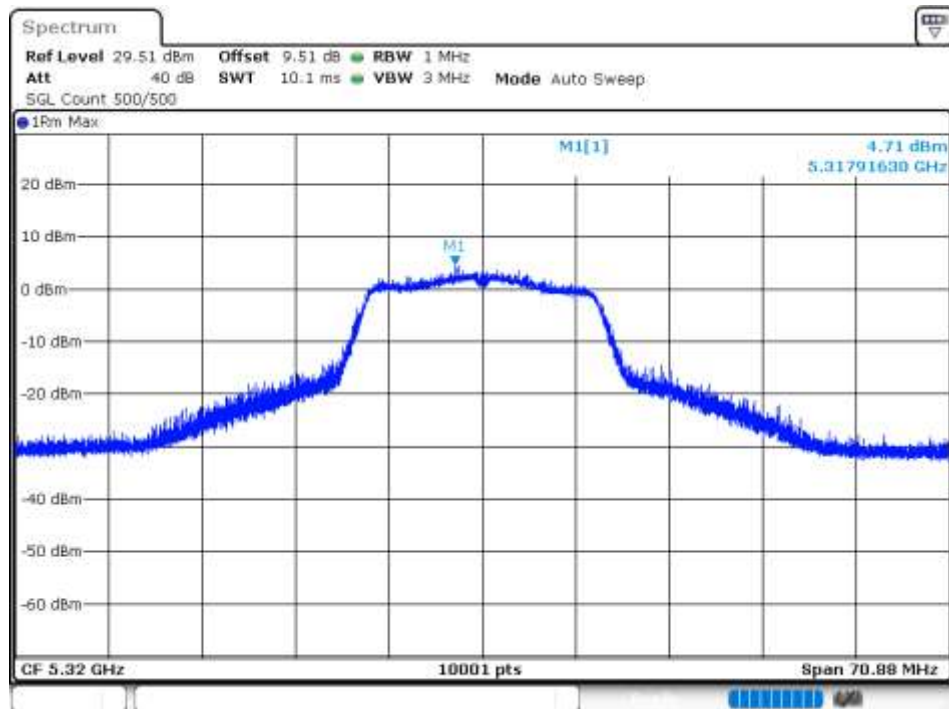
PSD NVNT 802.11n(HT20) 5260MHz Ant1



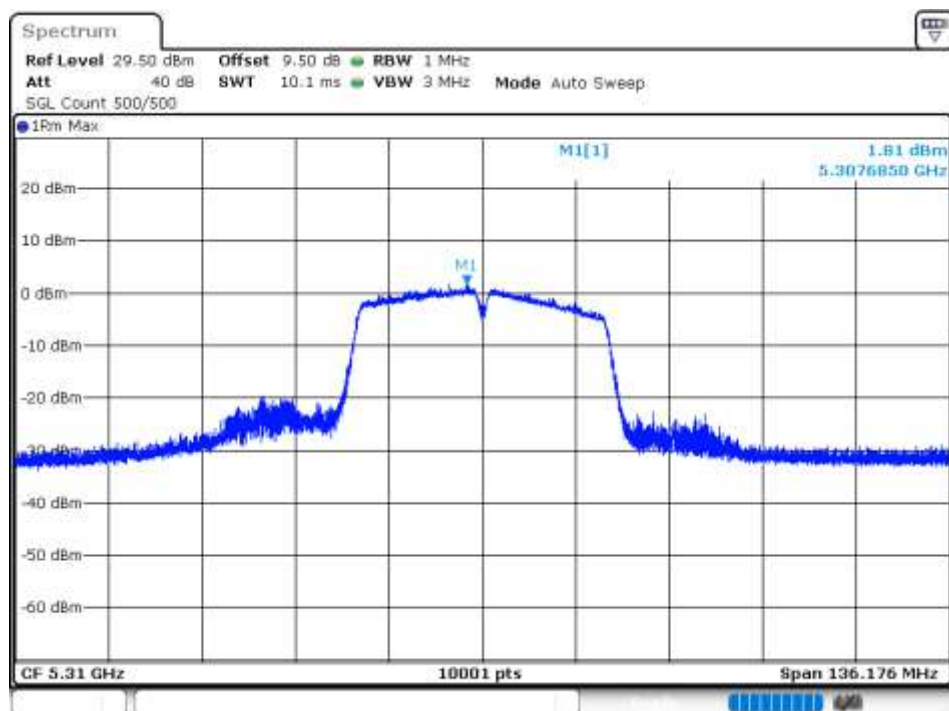
PSD NVNT 802.11n(HT20) 5280MHz Ant1



PSD NVNT 802.11n(HT20) 5320MHz Ant1



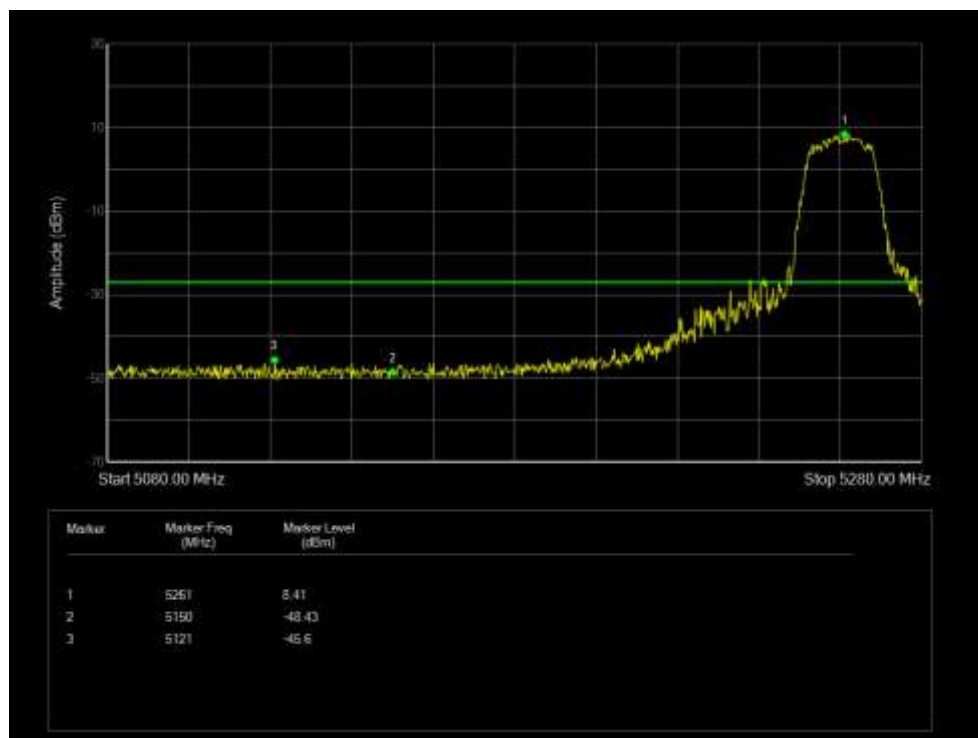
PSD NVNT 802.11n(HT40) 5310MHz Ant1



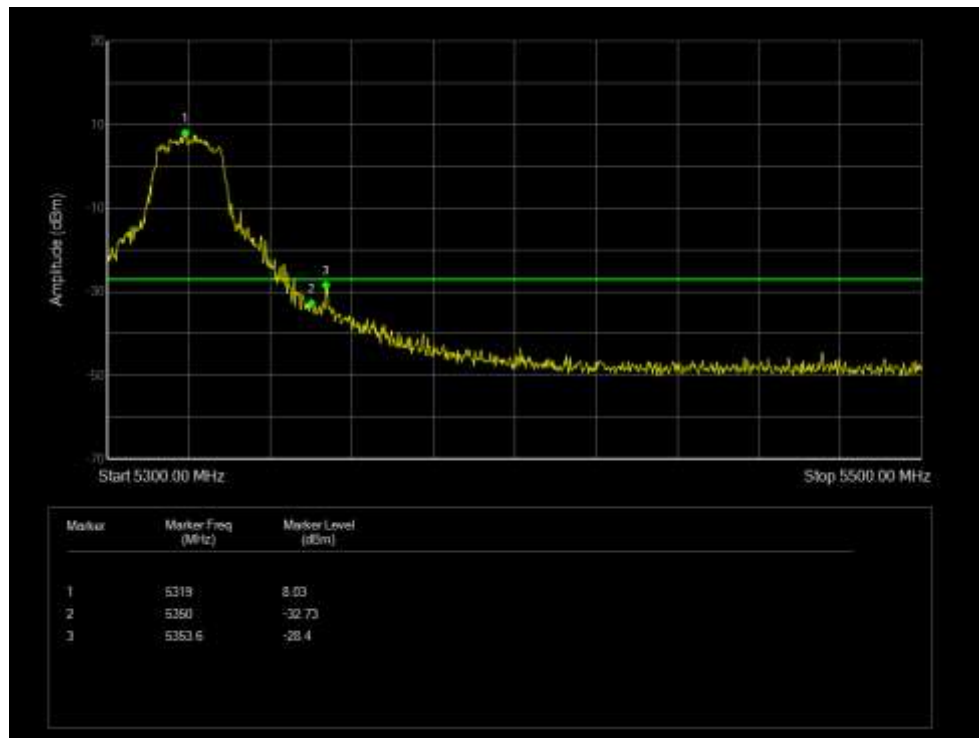
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5260	Ant 1	-45.6	-27	Pass
NVNT	802.11a	5320	Ant 1	-28.4	-27	Pass
NVNT	802.11ac20	5260	Ant 1	-46.04	-27	Pass
NVNT	802.11ac20	5320	Ant 1	-32.57	-27	Pass
NVNT	802.11ac40	5270	Ant 1	-43.36	-27	Pass
NVNT	802.11ac40	5310	Ant 1	-30.94	-27	Pass
NVNT	802.11ac80	5290	Ant 1	-34.55	-27	Pass
NVNT	802.11ac80	5290	Ant 1	-39.58	-27	Pass
NVNT	802.11n(HT20)	5260	Ant 1	-45.4	-27	Pass
NVNT	802.11n(HT20)	5320	Ant 1	-33.11	-27	Pass
NVNT	802.11n(HT40)	5310	Ant 1	-32.13	-27	Pass

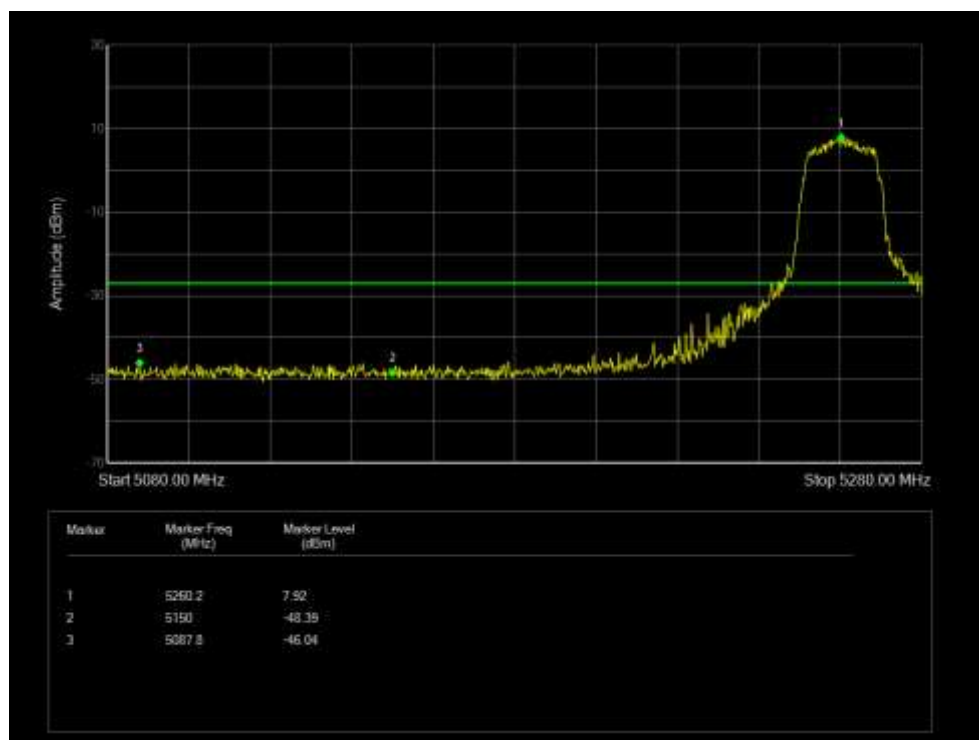
Band Edge NVNT 802.11a 5260MHz Low Ant1



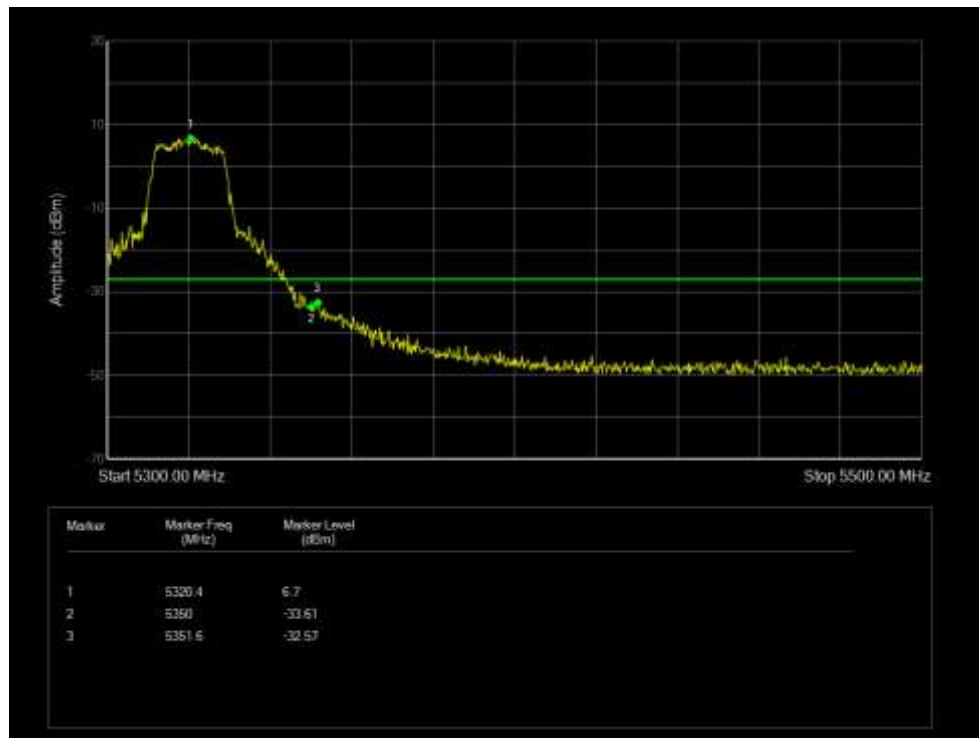
Band Edge NVNT 802.11a 5320MHz High Ant1



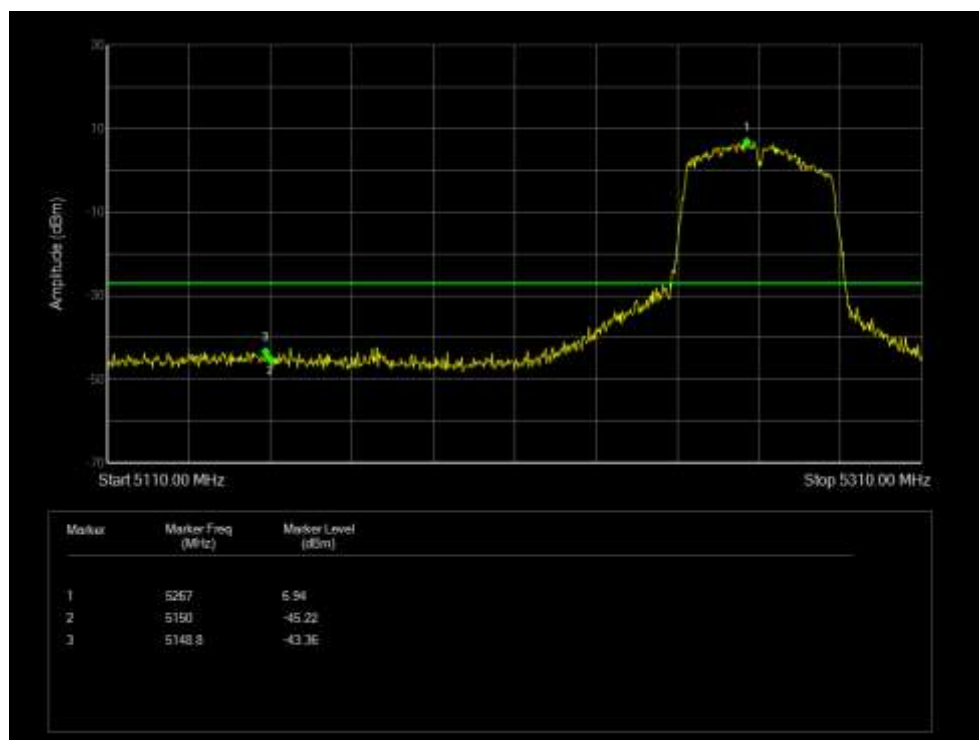
Band Edge NVNT 802.11ac20 5260MHz Low Ant1



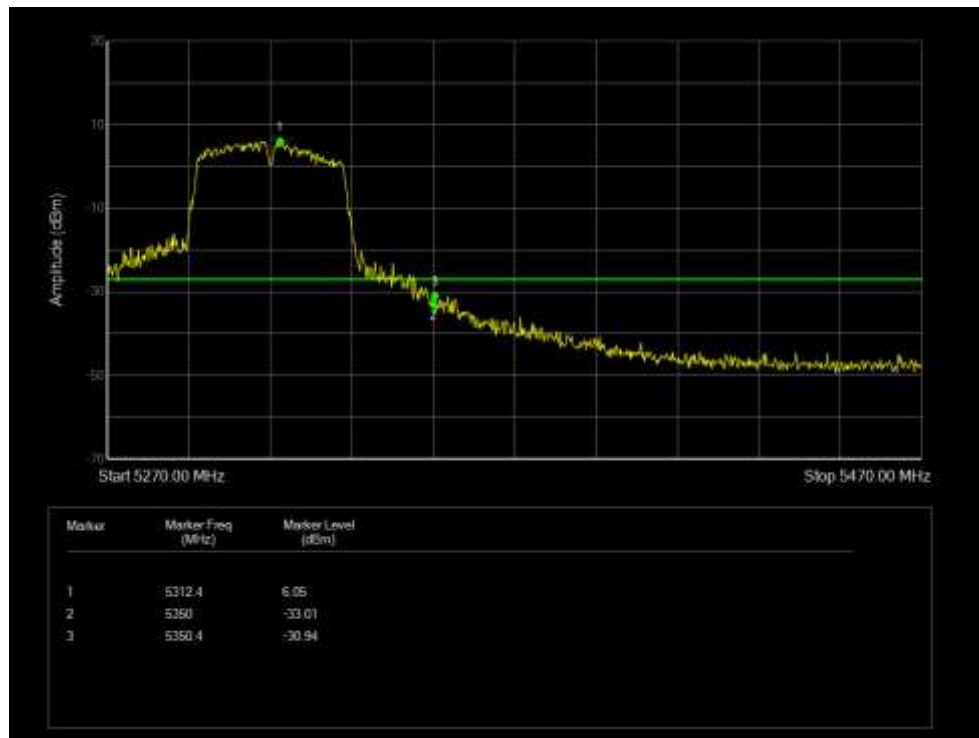
Band Edge NVNT 802.11ac20 5320MHz High Ant1



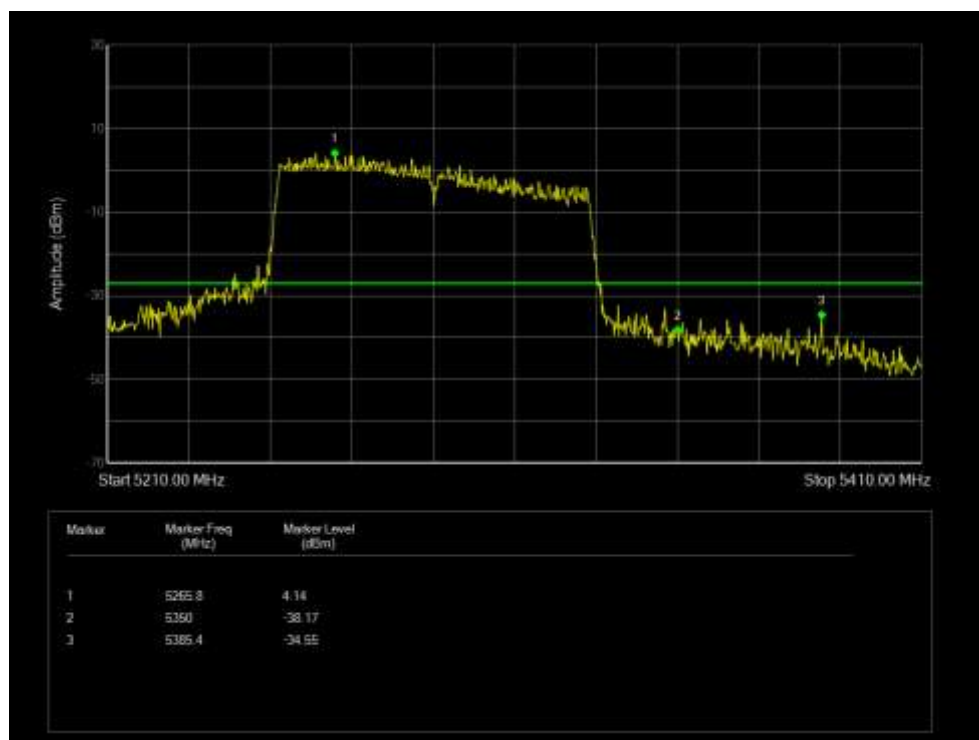
Band Edge NVNT 802.11ac40 5270MHz Low Ant1



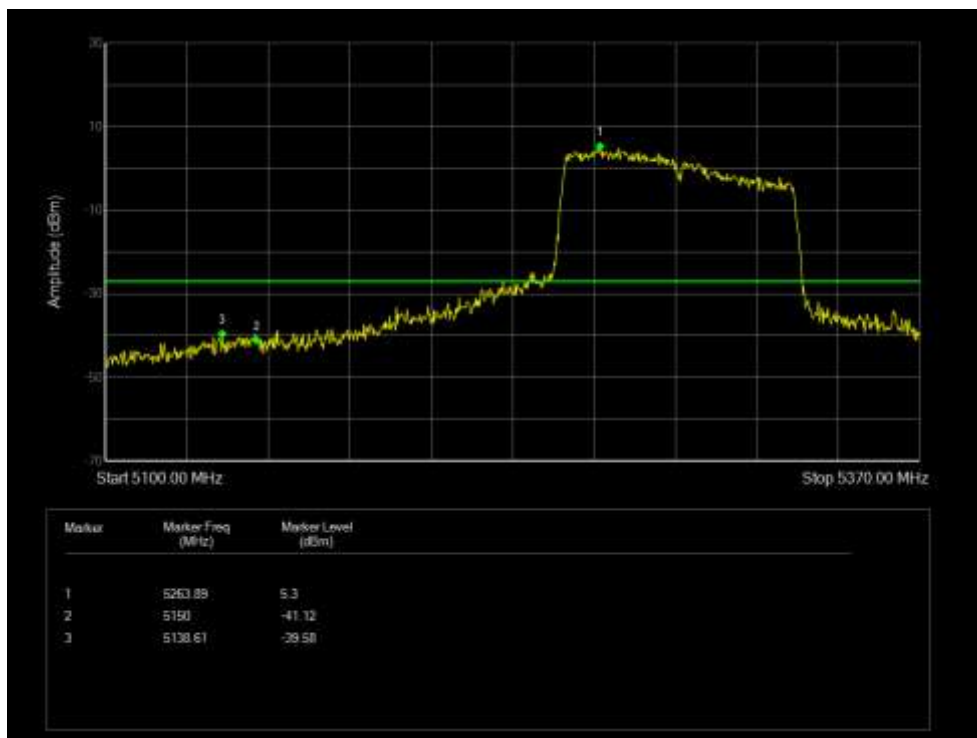
Band Edge NVNT 802.11ac40 5310MHz High Ant1



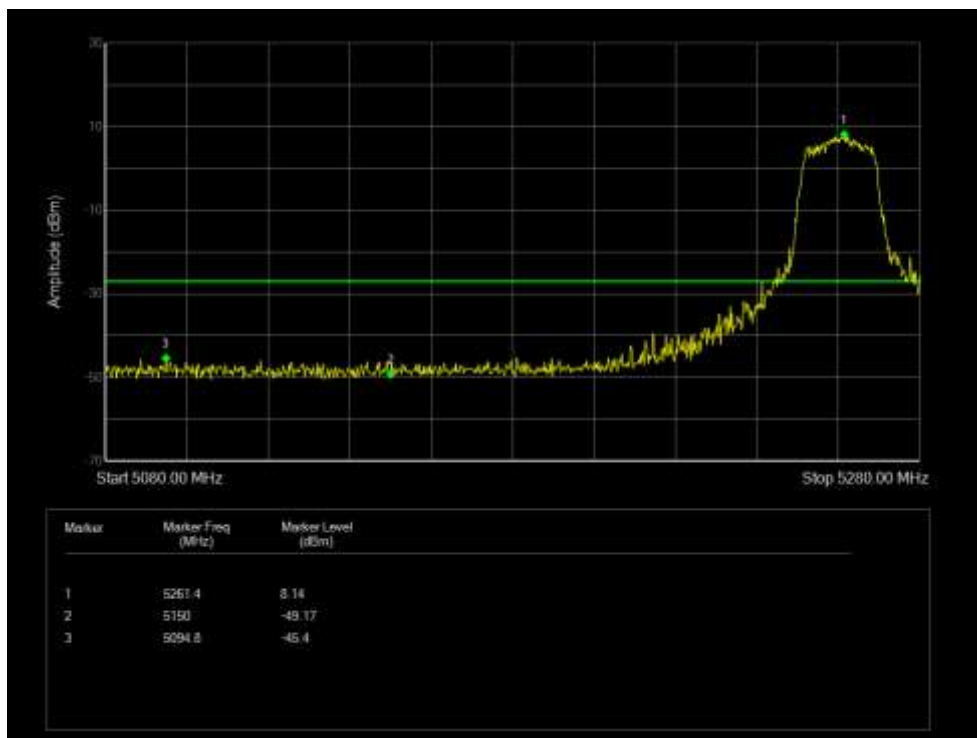
Band Edge NVNT 802.11ac80 5290MHz High Ant1



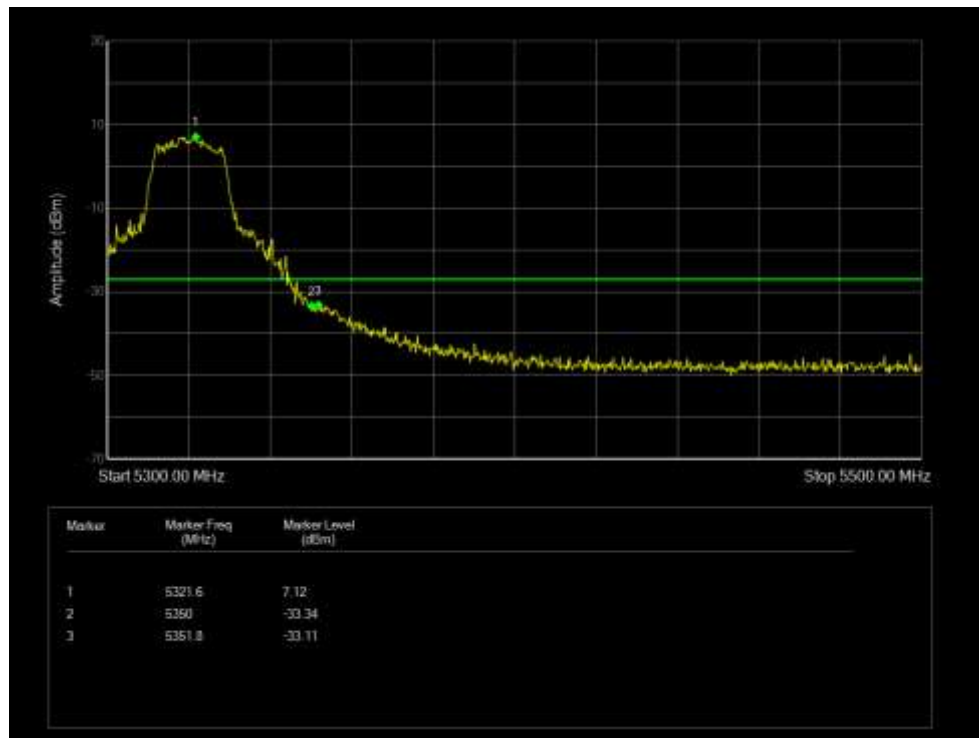
Band Edge NVNT 802.11ac80 5290MHz Low Ant1



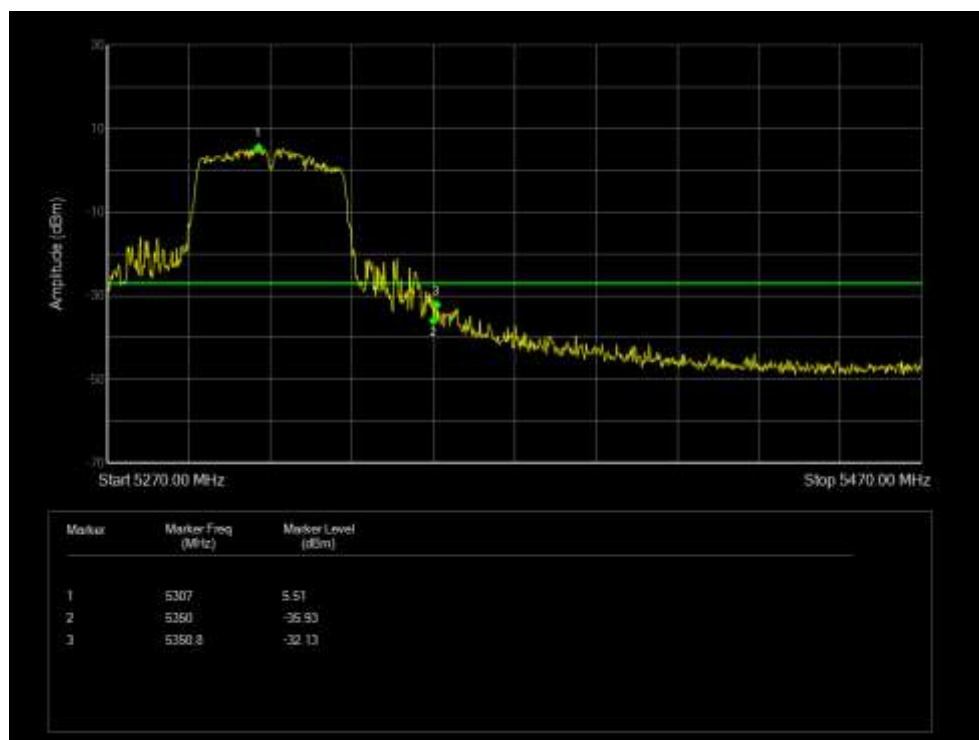
Band Edge NVNT 802.11n(HT20) 5260MHz Low Ant1



Band Edge NVNT 802.11n(HT20) 5320MHz High Ant1



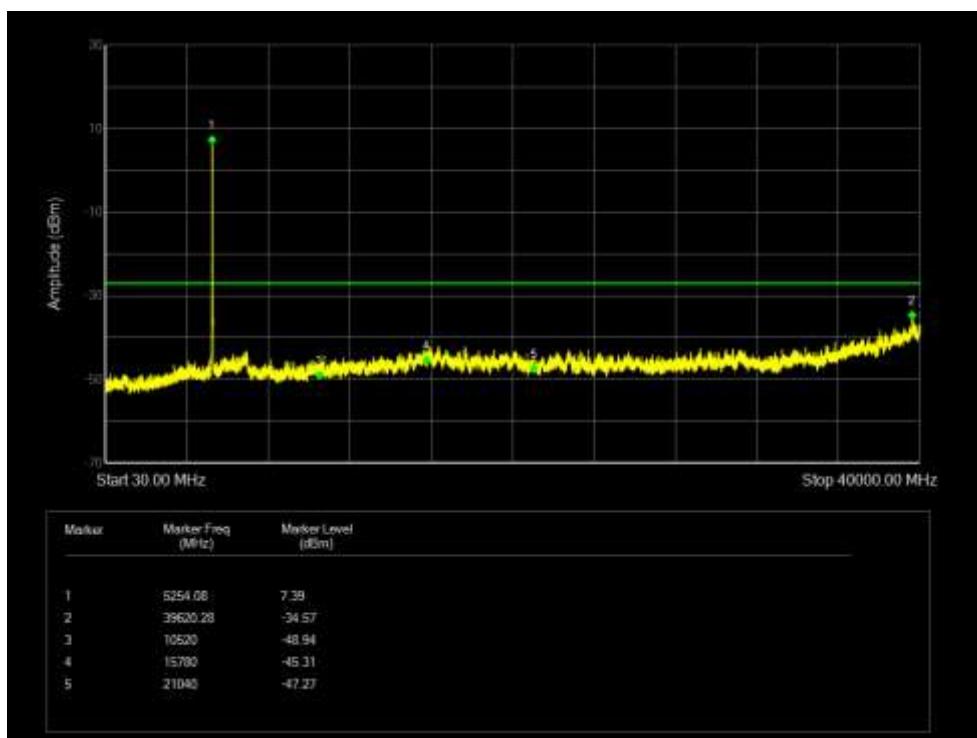
Band Edge NVNT 802.11n(HT40) 5310MHz High Ant1



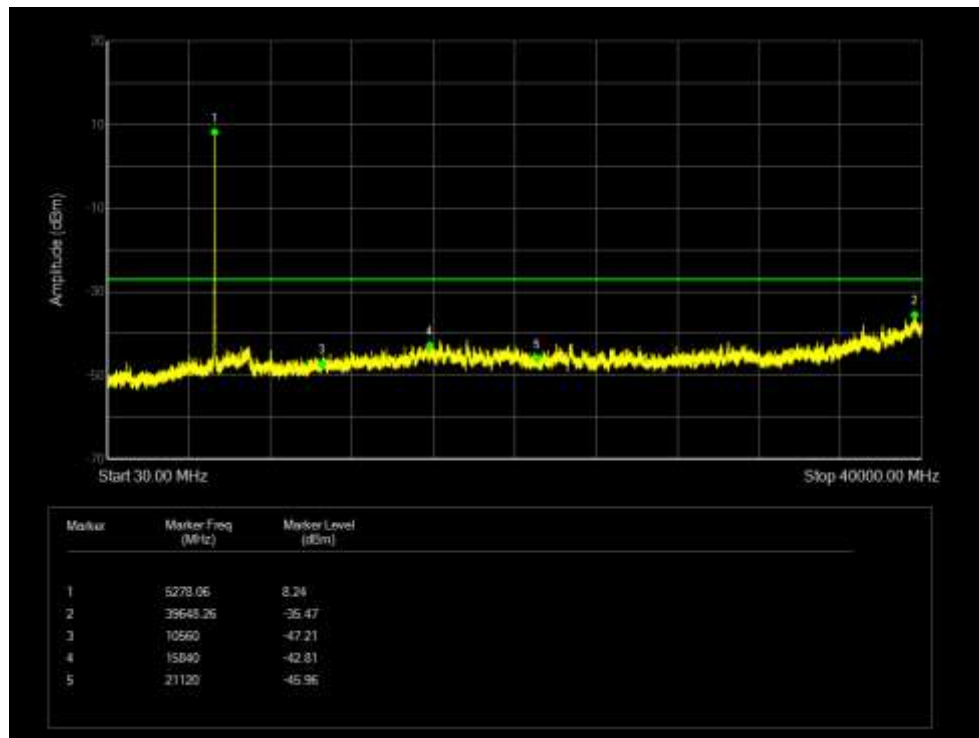
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5260	Ant 1	-34.57	-27	Pass
NVNT	802.11a	5280	Ant 1	-35.47	-27	Pass
NVNT	802.11a	5320	Ant 1	-34.99	-27	Pass
NVNT	802.11ac20	5260	Ant 1	-34.33	-27	Pass
NVNT	802.11ac20	5280	Ant 1	-35.75	-27	Pass
NVNT	802.11ac20	5320	Ant 1	-36.03	-27	Pass
NVNT	802.11ac40	5270	Ant 1	-35.65	-27	Pass
NVNT	802.11ac40	5310	Ant 1	-36.49	-27	Pass
NVNT	802.11ac80	5290	Ant 1	-36.34	-27	Pass
NVNT	802.11n(HT20)	5260	Ant 1	-35.94	-27	Pass
NVNT	802.11n(HT20)	5280	Ant 1	-35.75	-27	Pass
NVNT	802.11n(HT20)	5320	Ant 1	-35.45	-27	Pass
NVNT	802.11n(HT40)	5310	Ant 1	-35.1	-27	Pass

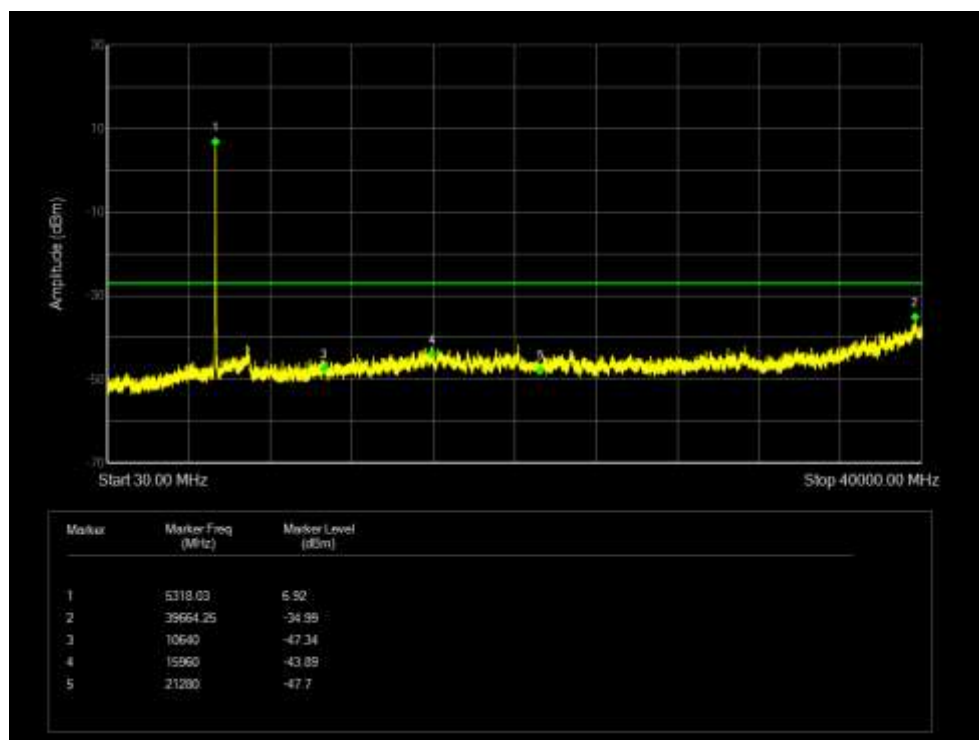
Tx. Spurious NVNT 802.11a 5260MHz Ant1 Emission



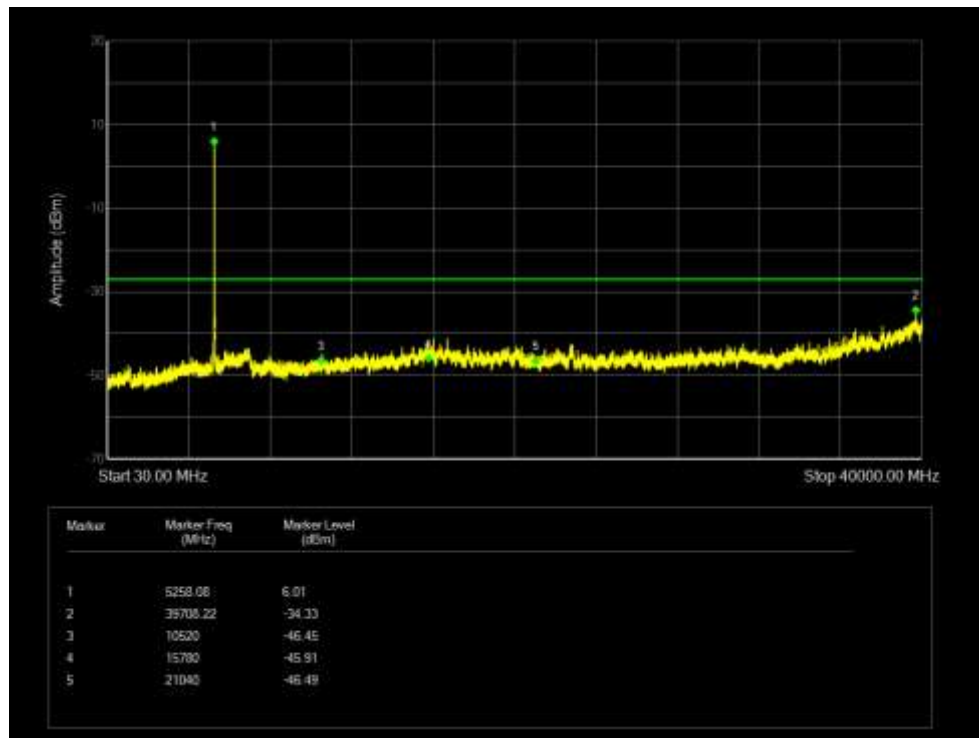
Tx. Spurious NVNT 802.11a 5280MHz Ant1 Emission



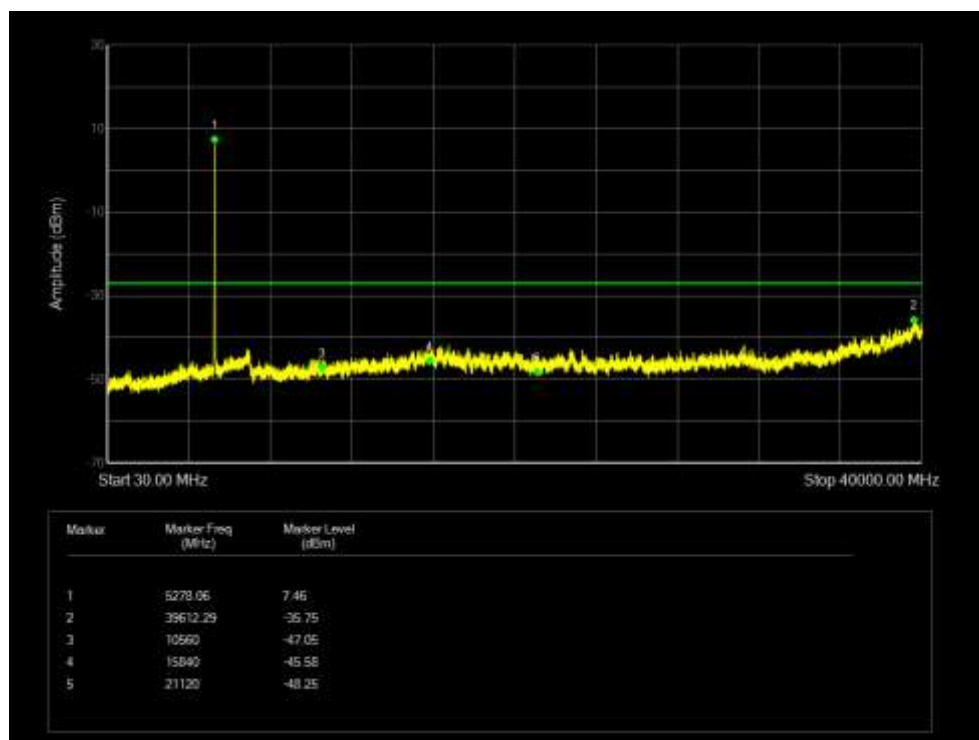
Tx. Spurious NVNT 802.11a 5320MHz Ant1 Emission



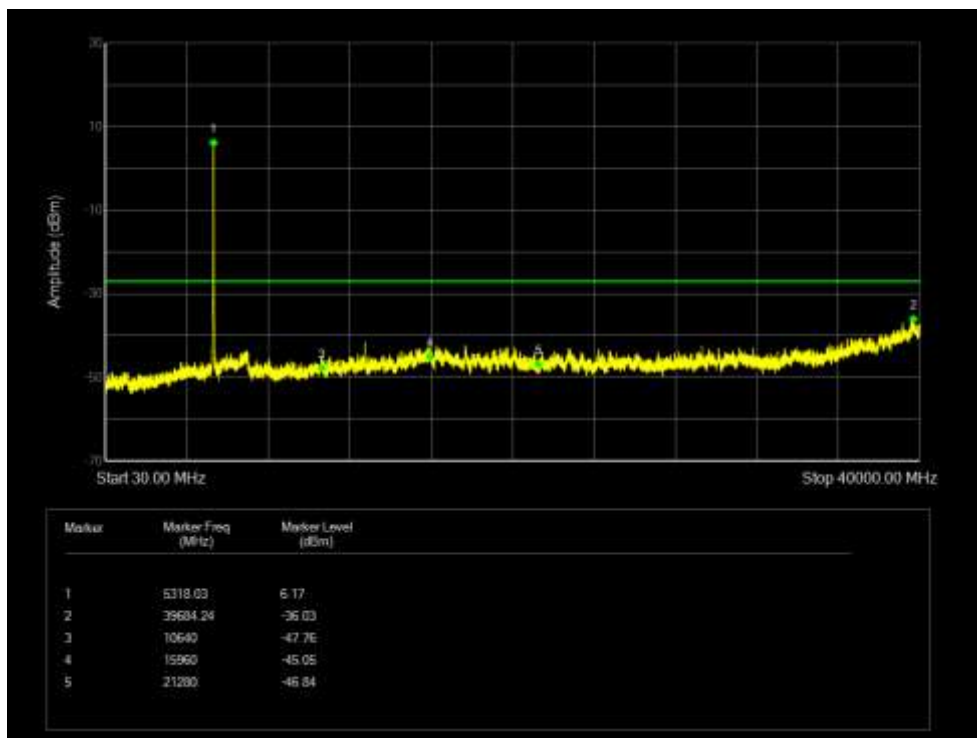
Tx. Spurious NVNT 802.11ac20 5260MHz Ant1 Emission



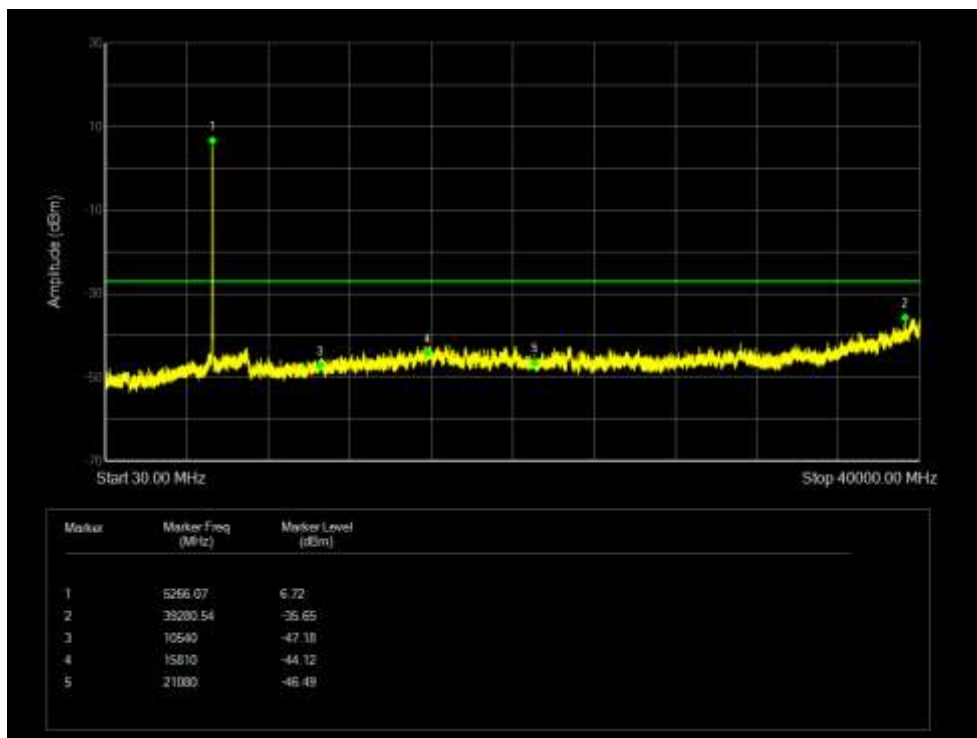
Tx. Spurious NVNT 802.11ac20 5280MHz Ant1 Emission



Tx. Spurious NVNT 802.11ac20 5320MHz Ant1 Emission



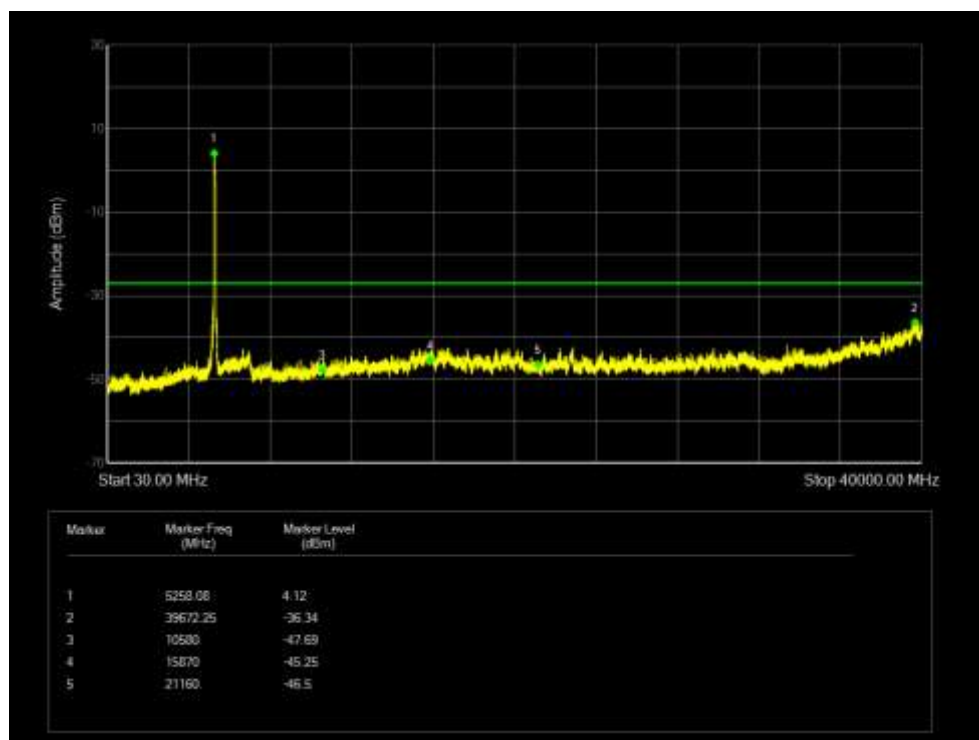
Tx. Spurious NVNT 802.11ac40 5270MHz Ant1 Emission



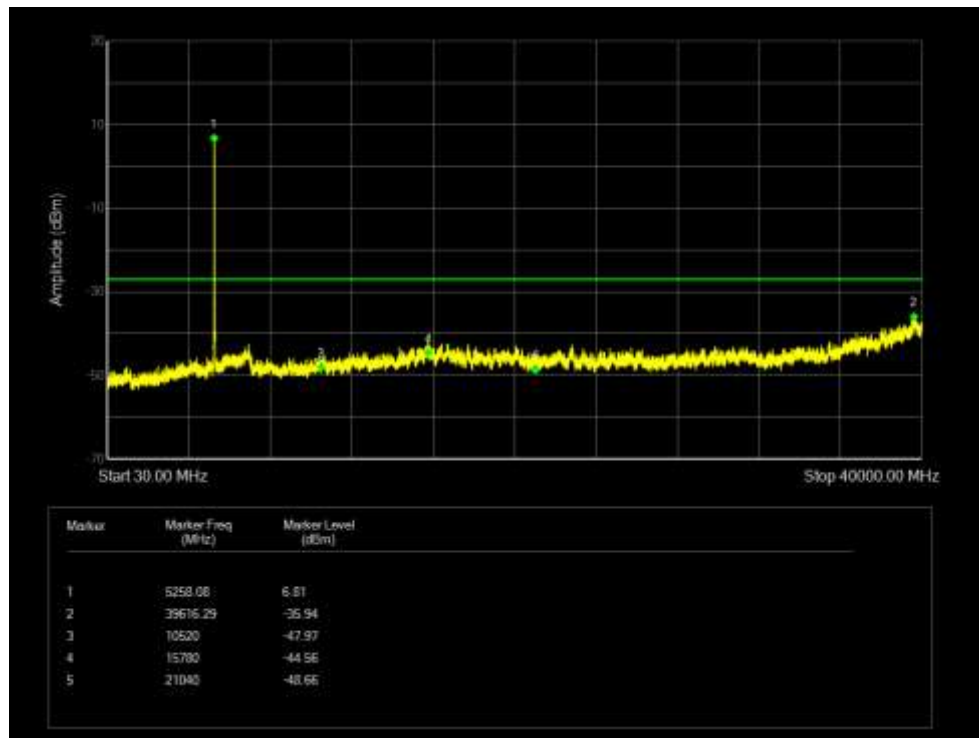
Tx. Spurious NVNT 802.11ac40 5310MHz Ant1 Emission



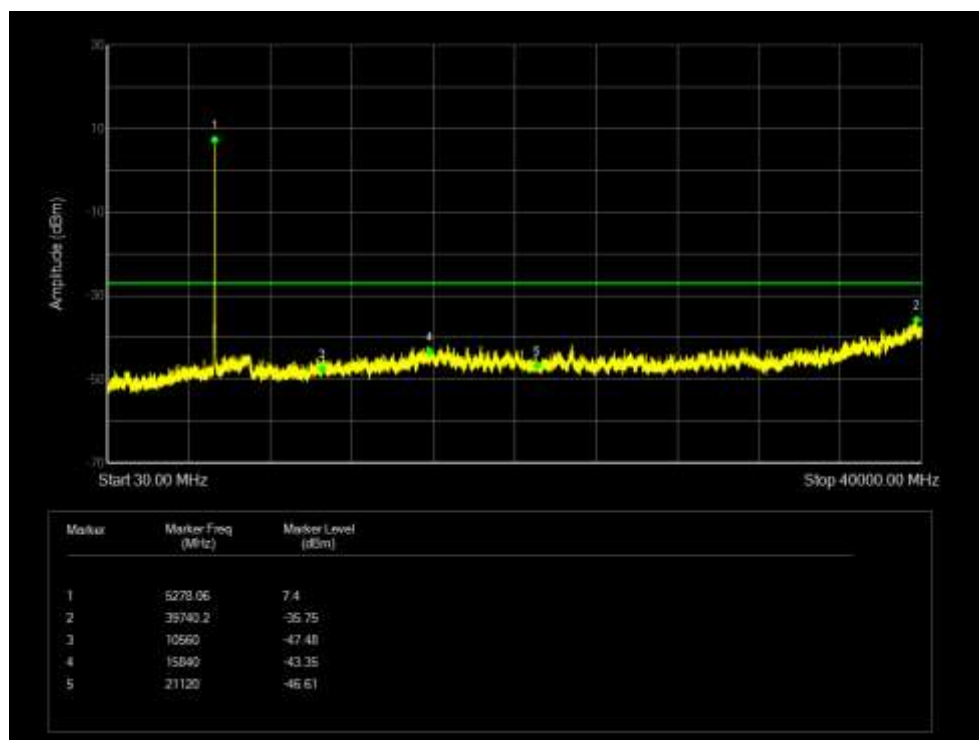
Tx. Spurious NVNT 802.11ac80 5290MHz Ant1 Emission



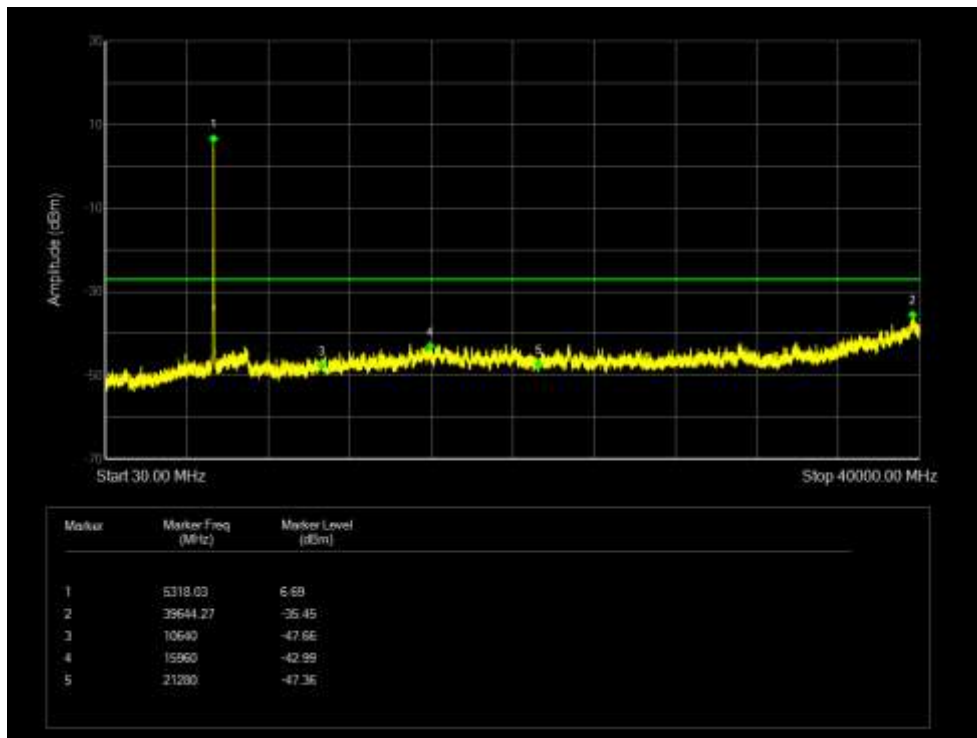
Tx. Spurious NVNT 802.11n(HT20) 5260MHz Ant1 Emission



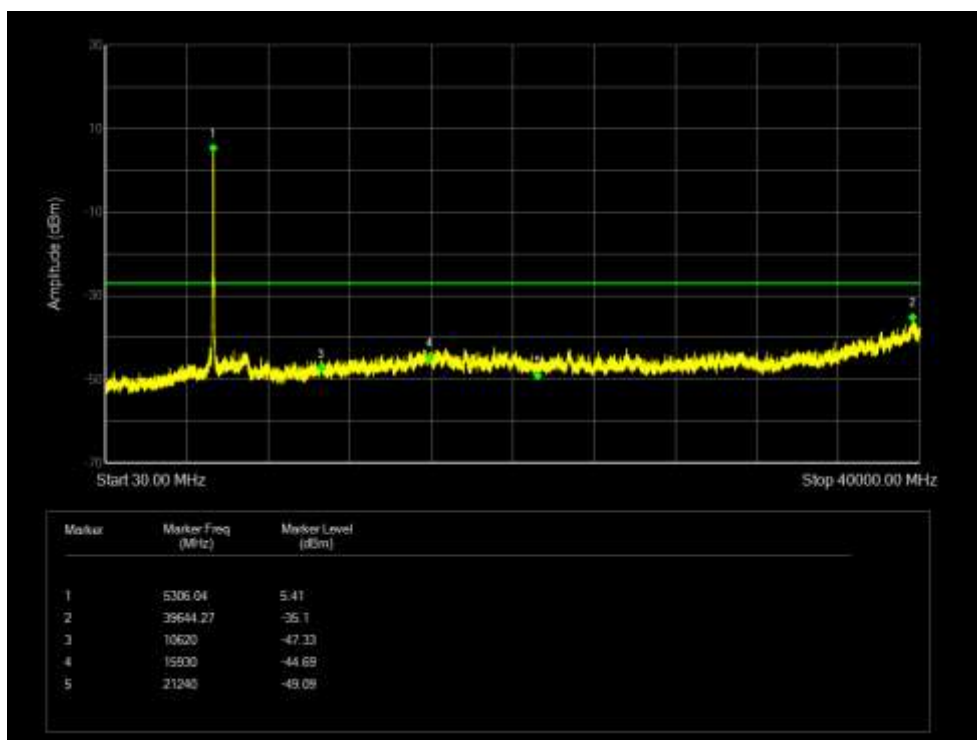
Tx. Spurious NVNT 802.11n(HT20) 5280MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT20) 5320MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5310MHz Ant1 Emission

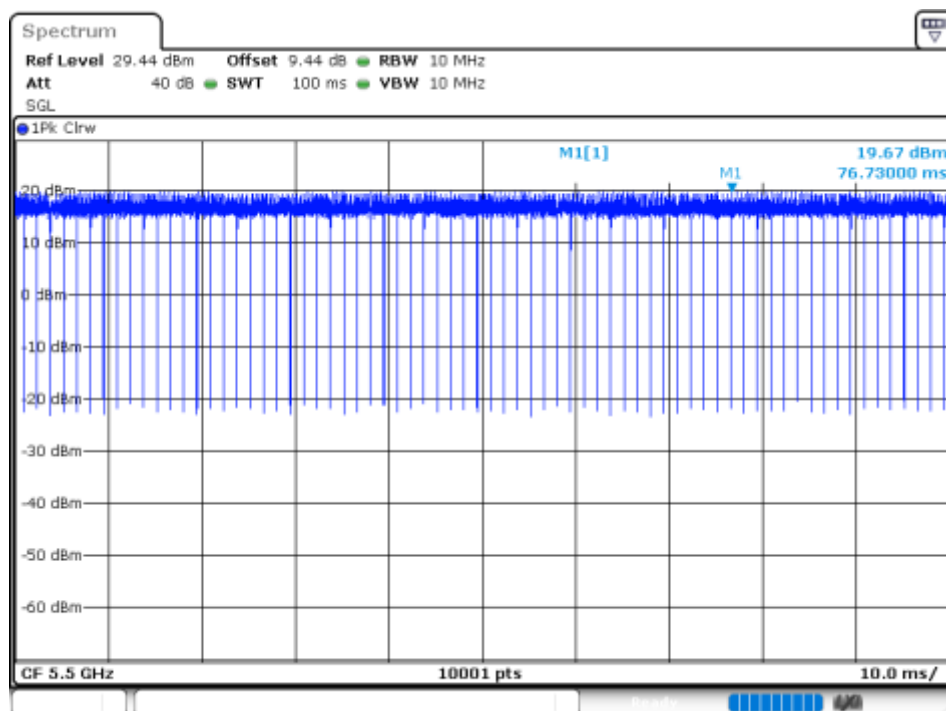


5.6G WIFI

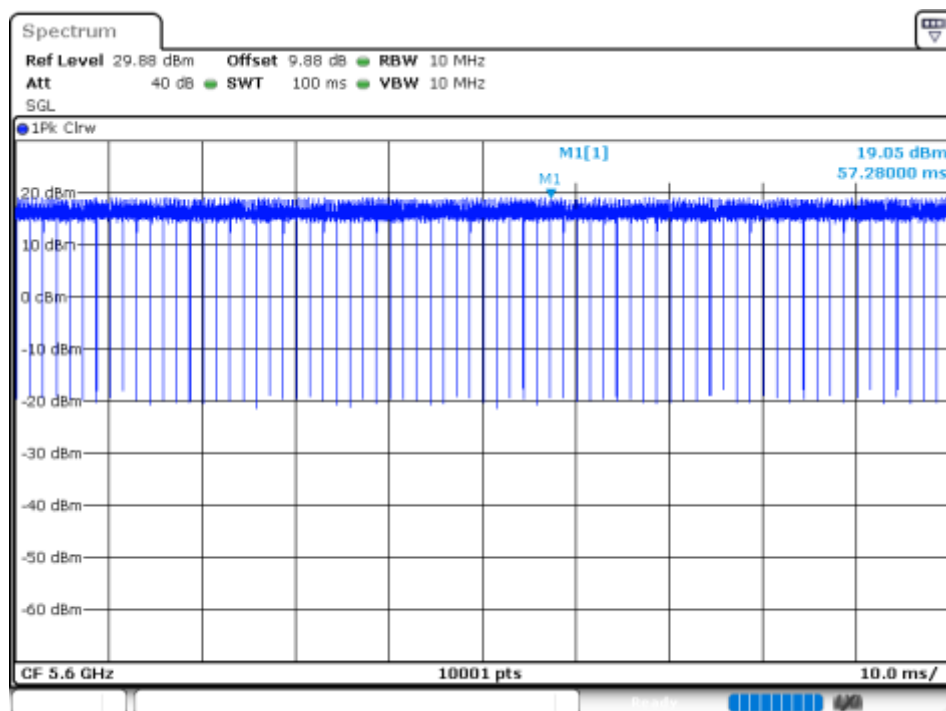
Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11a	5500	98.17	0.08
NVNT	802.11a	5600	98.16	0.08
NVNT	802.11a	5700	98.16	0.08
NVNT	802.11ac20	5500	98.07	0.08
NVNT	802.11ac20	5600	98.07	0.08
NVNT	802.11ac20	5700	98.06	0.09
NVNT	802.11ac40	5510	96.28	0.16
NVNT	802.11ac40	5590	96.24	0.17
NVNT	802.11ac40	5670	96.26	0.17
NVNT	802.11ac80	5530	92.88	0.32
NVNT	802.11ac80	5610	92.89	0.32
NVNT	802.11n(HT20)	5500	98.04	0.09
NVNT	802.11n(HT20)	5600	98.04	0.09
NVNT	802.11n(HT20)	5700	98.03	0.09
NVNT	802.11n(HT40)	5510	96.18	0.17
NVNT	802.11n(HT40)	5590	96.2	0.17
NVNT	802.11n(HT40)	5670	96.19	0.17

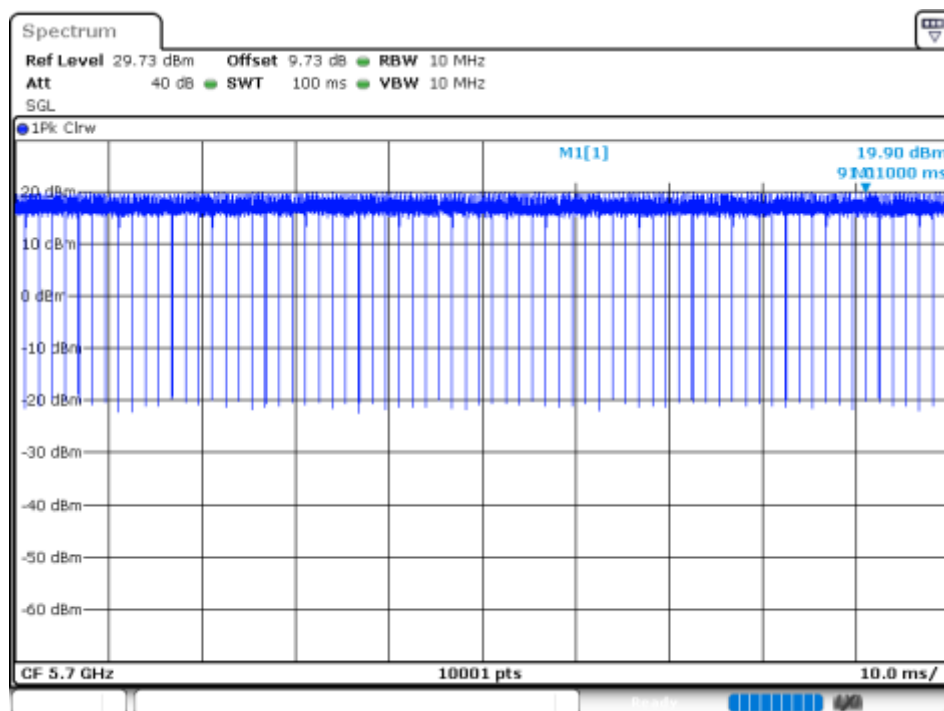
Duty Cycle NVNT 802.11a 5500MHz



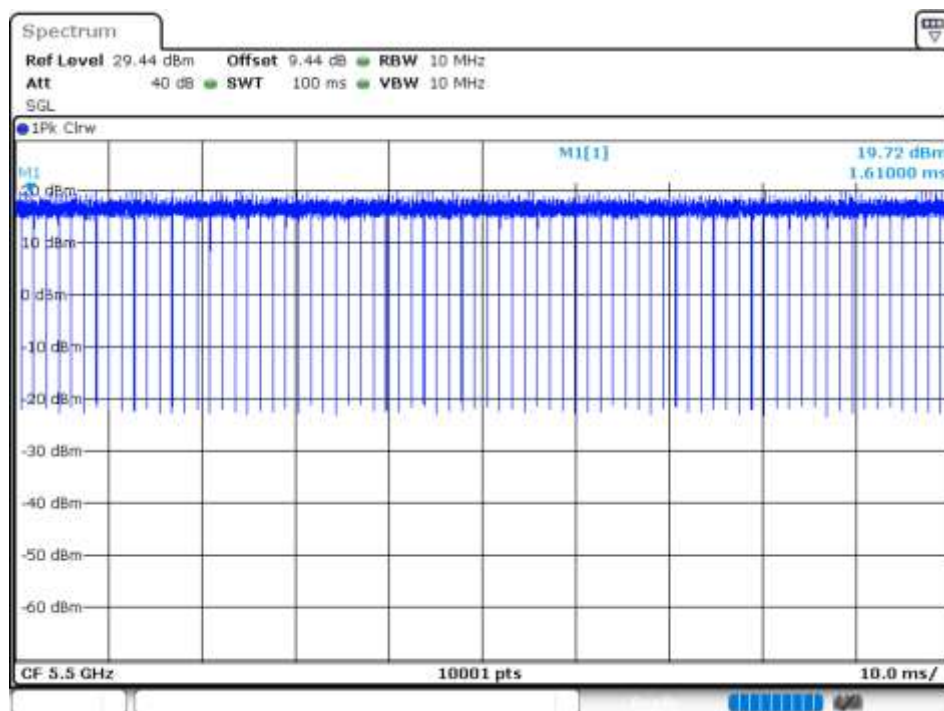
Duty Cycle NVNT 802.11a 5600MHz



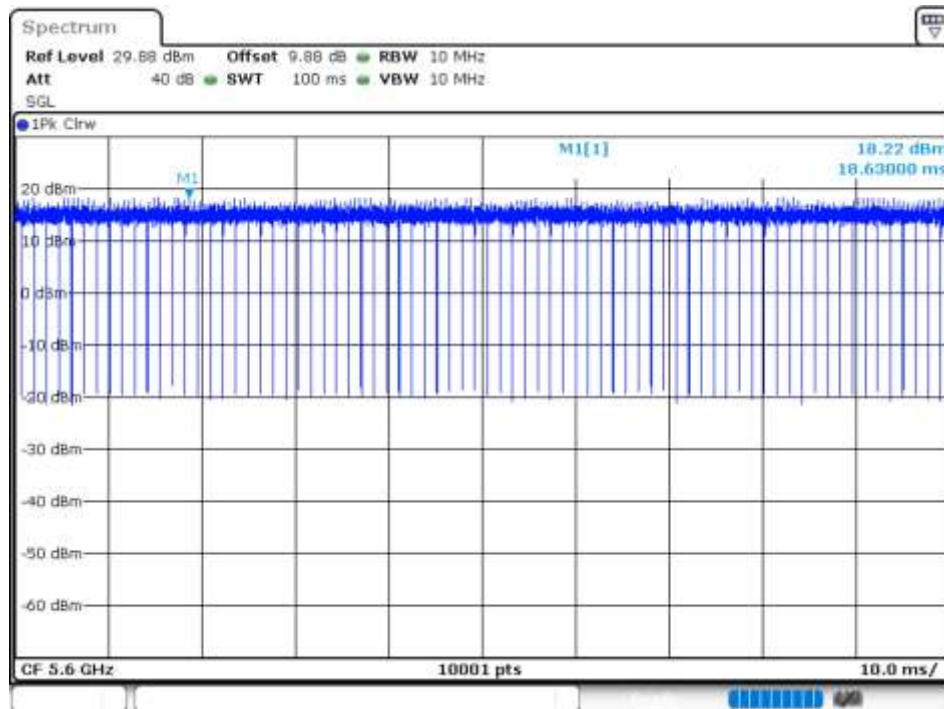
Duty Cycle NVNT 802.11a 5700MHz



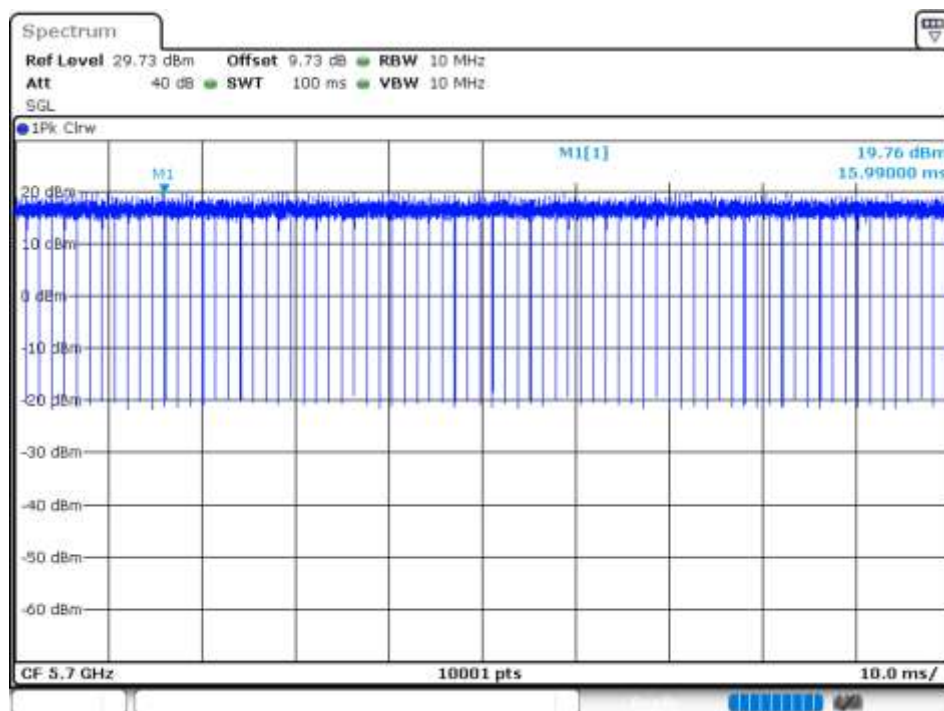
Duty Cycle NVNT 802.11ac20 5500MHz



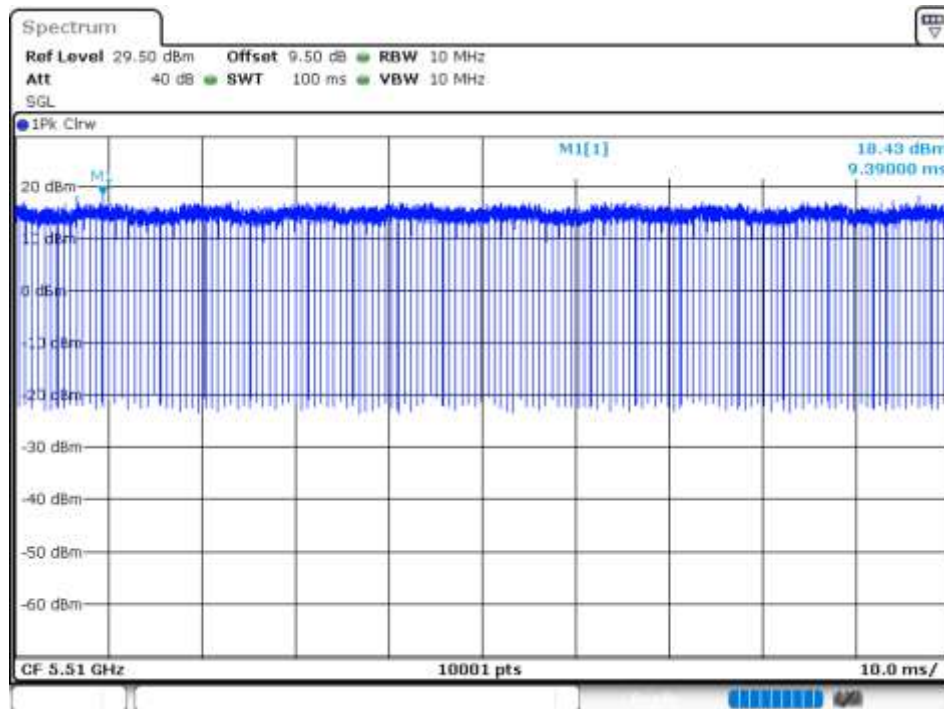
Duty Cycle NVNT 802.11ac20 5600MHz



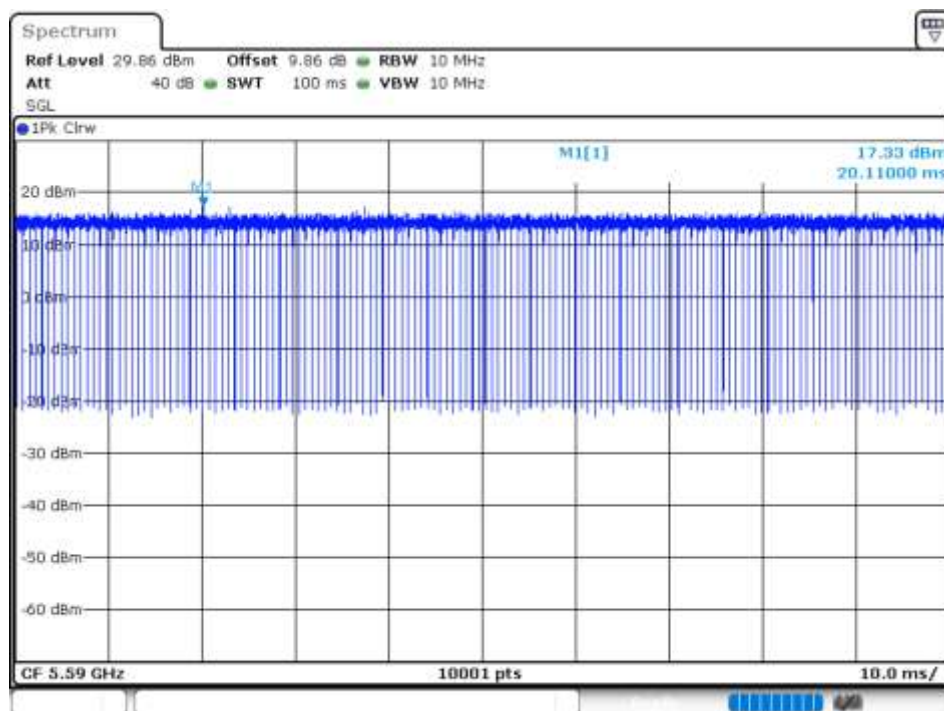
Duty Cycle NVNT 802.11ac20 5700MHz



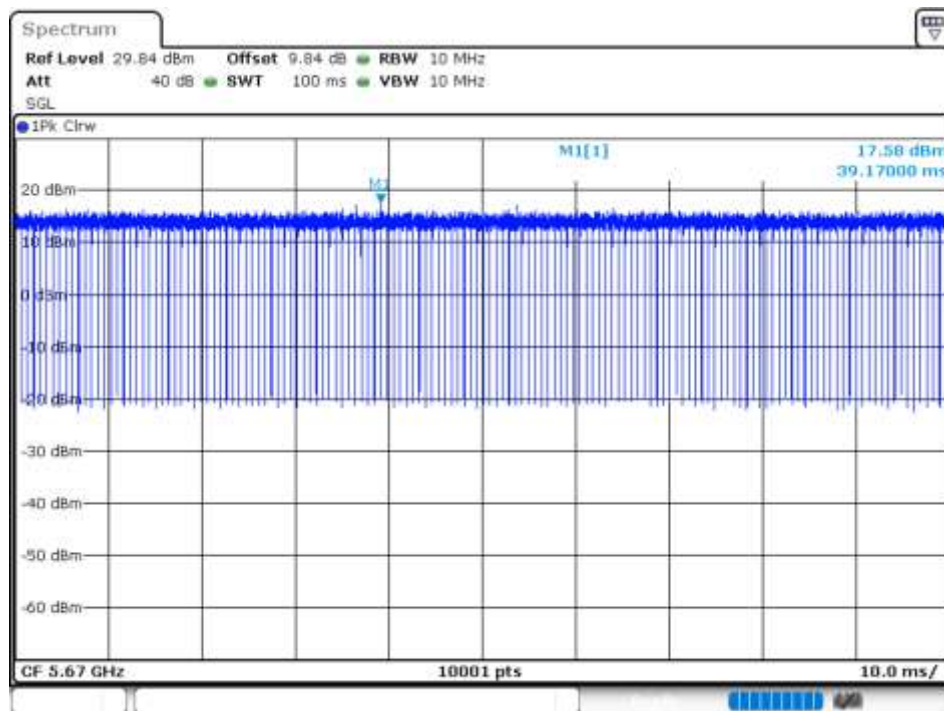
Duty Cycle NVNT 802.11ac40 5510MHz



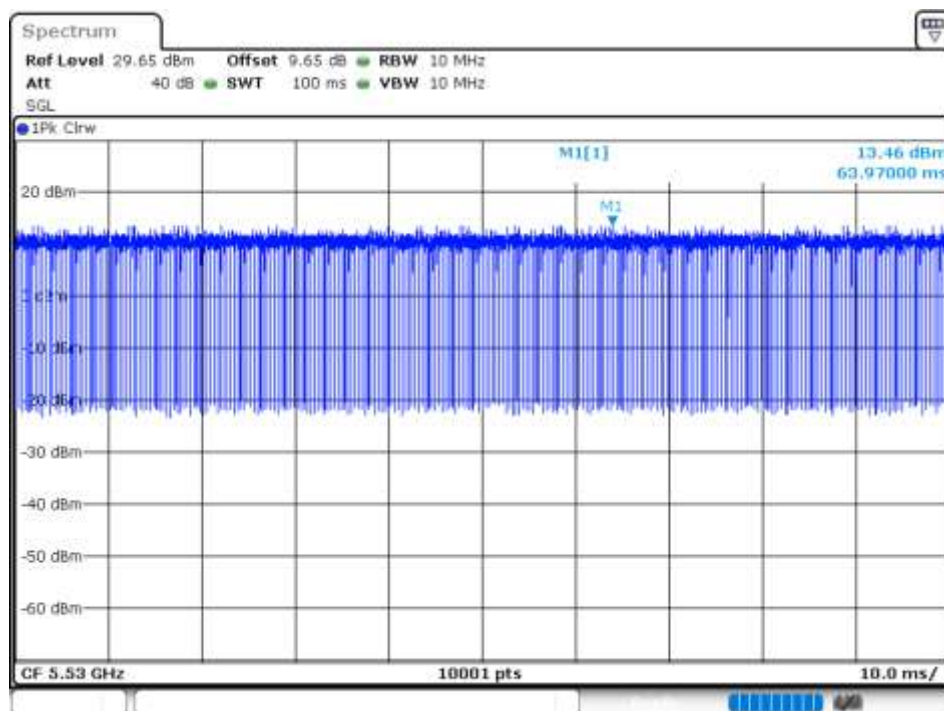
Duty Cycle NVNT 802.11ac40 5590MHz



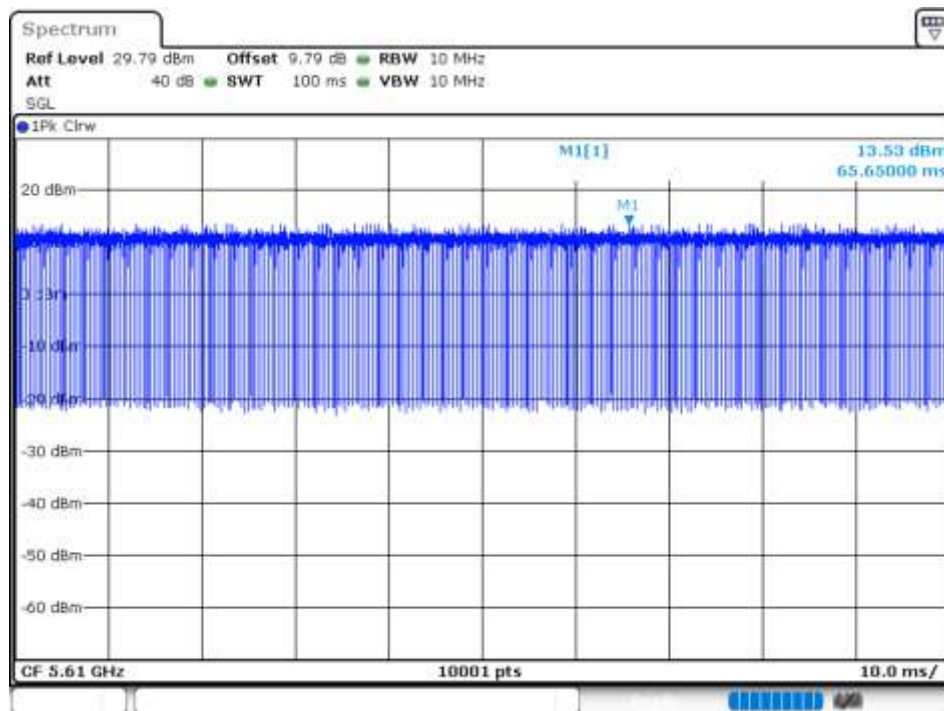
Duty Cycle NVNT 802.11ac40 5670MHz



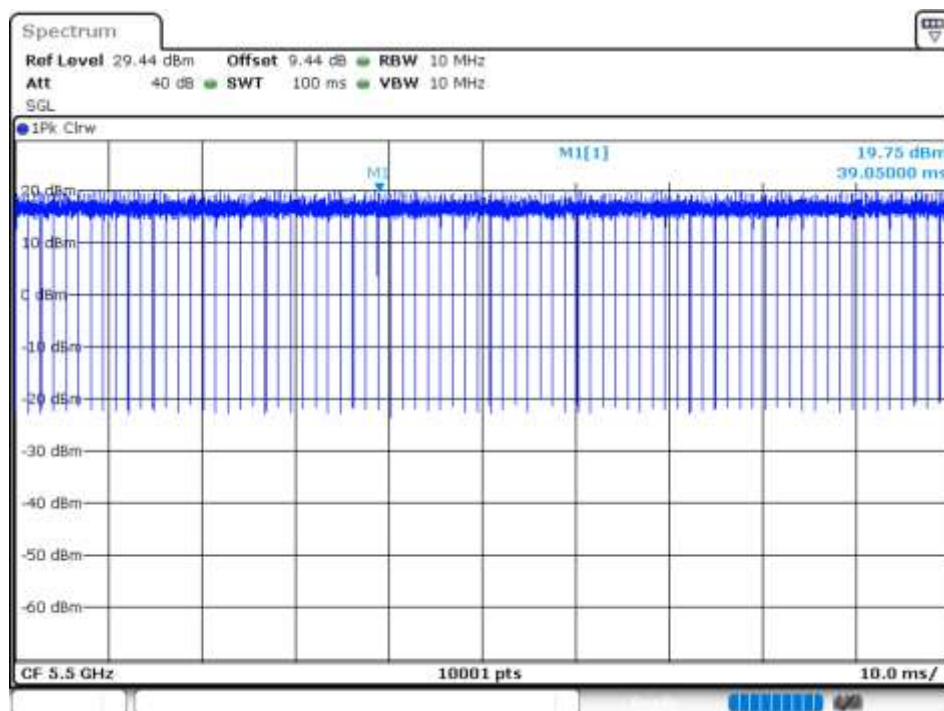
Duty Cycle NVNT 802.11ac80 5530MHz



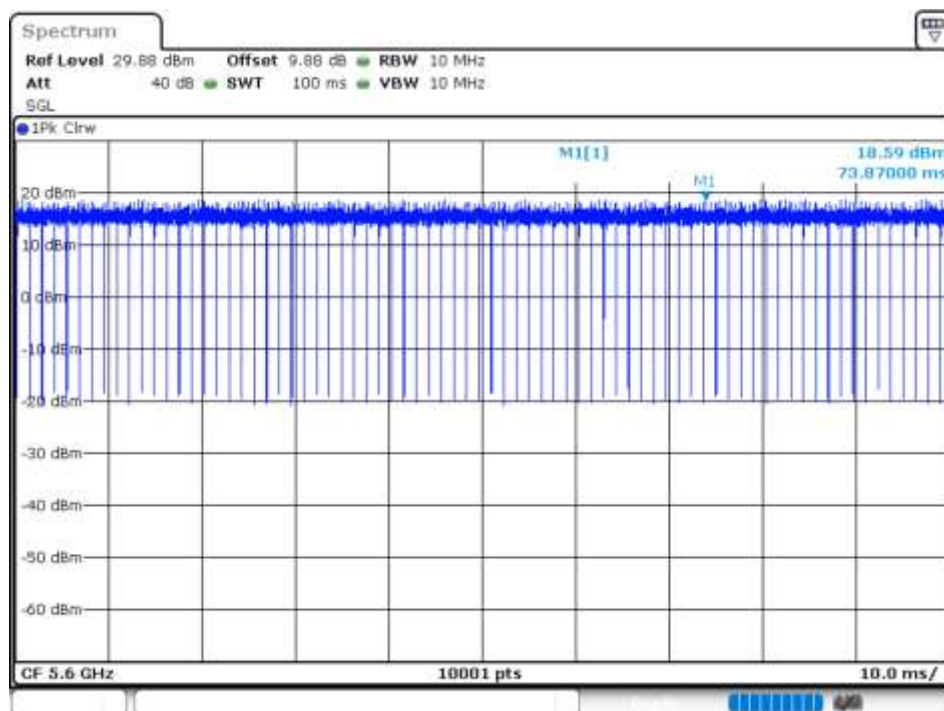
Duty Cycle NVNT 802.11ac80 5610MHz



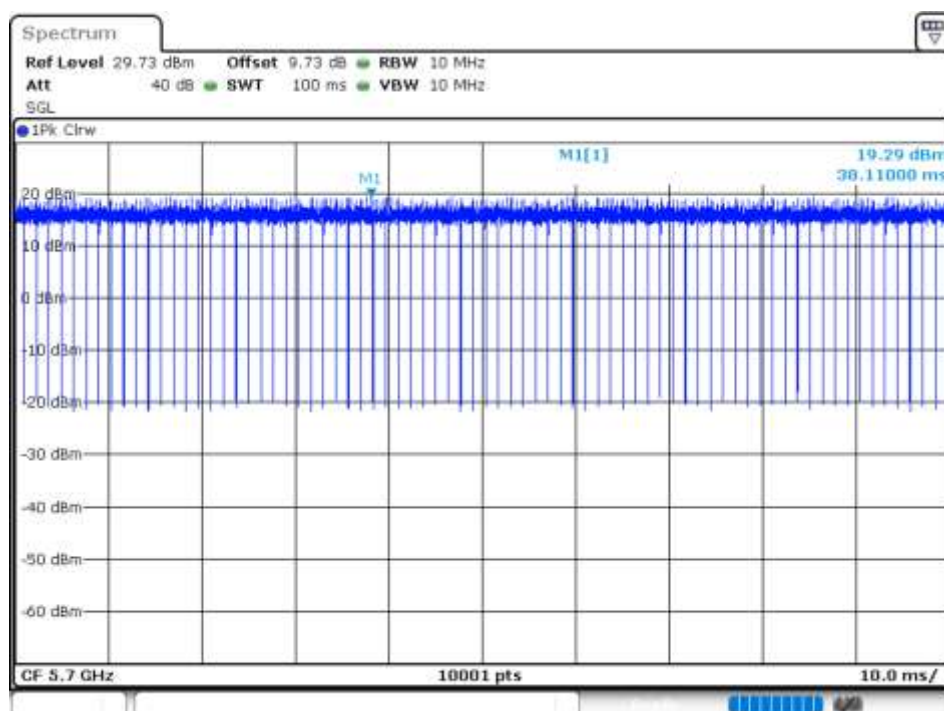
Duty Cycle NVNT 802.11n(HT20) 5500MHz



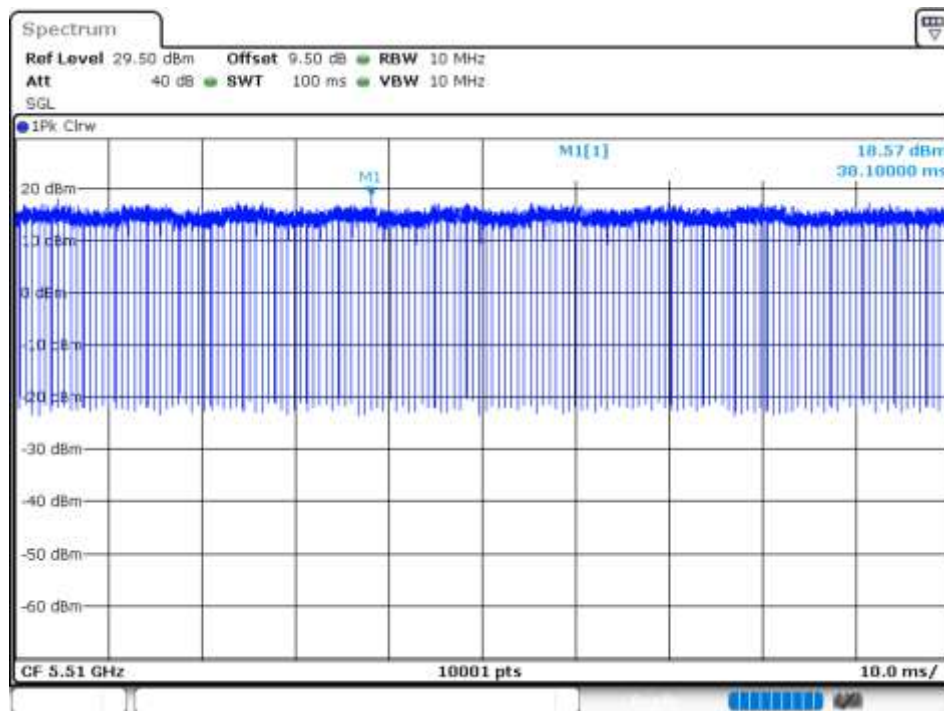
Duty Cycle NVNT 802.11n(HT20) 5600MHz



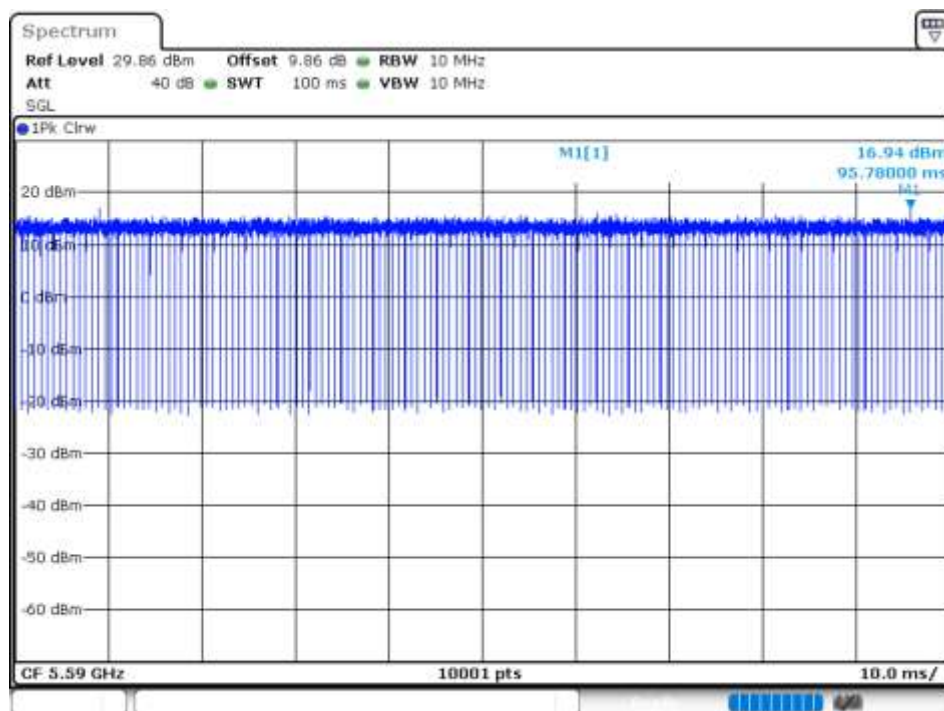
Duty Cycle NVNT 802.11n(HT20) 5700MHz



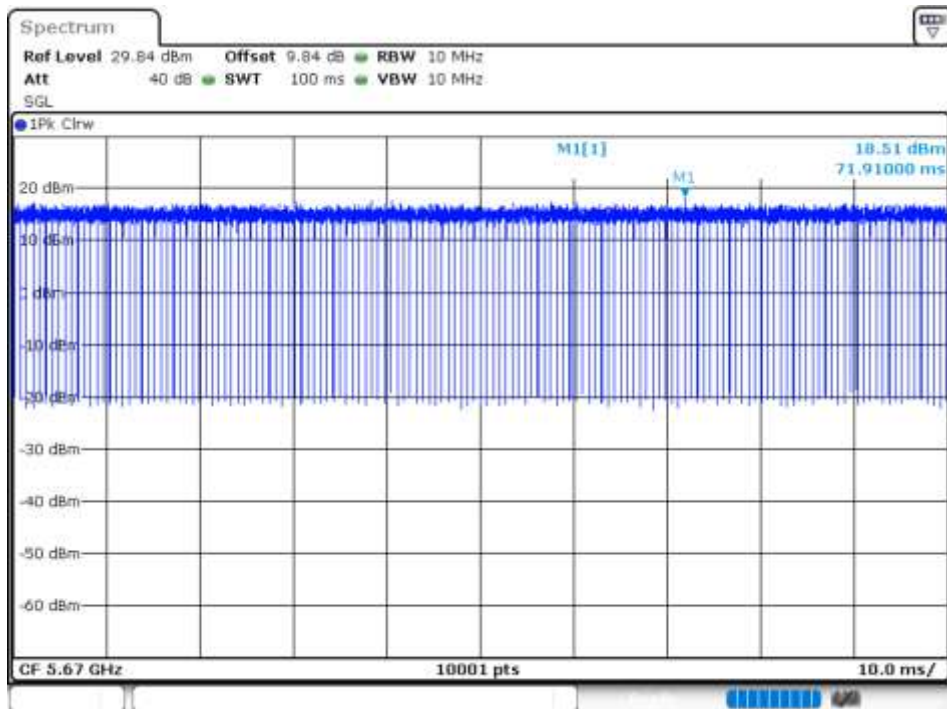
Duty Cycle NVNT 802.11n(HT40) 5510MHz



Duty Cycle NVNT 802.11n(HT40) 5590MHz



Duty Cycle NVNT 802.11n(HT40) 5670MHz



Maximum Conducted Output Power

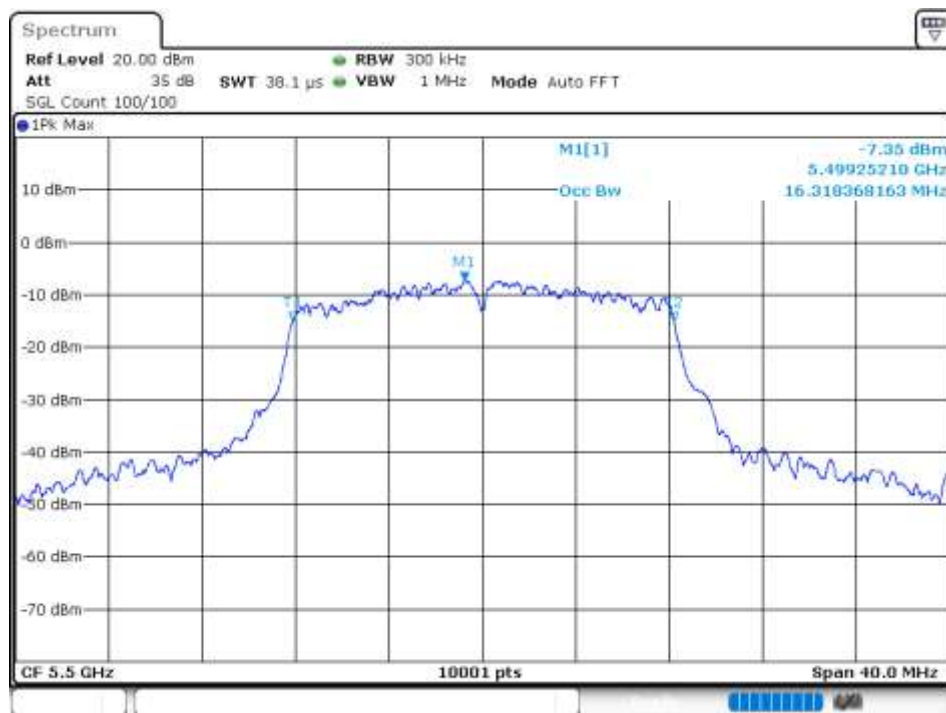
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5500	Ant 1	9.7	0.08	9.78	24	Pass
NVNT	802.11a	5600	Ant 1	9.5	0.08	9.58	24	Pass
NVNT	802.11a	5700	Ant 1	10.06	0.08	10.14	24	Pass
NVNT	802.11ac20	5500	Ant 1	9.78	0.08	9.86	24	Pass
NVNT	802.11ac20	5600	Ant 1	8.25	0.08	8.33	24	Pass
NVNT	802.11ac20	5700	Ant 1	9.69	0.09	9.78	24	Pass
NVNT	802.11ac40	5510	Ant 1	10.08	0.16	10.24	24	Pass
NVNT	802.11ac40	5590	Ant 1	10.06	0.17	10.23	24	Pass
NVNT	802.11ac40	5670	Ant 1	9.37	0.17	9.54	24	Pass
NVNT	802.11ac80	5530	Ant 1	9.22	0.32	9.54	24	Pass
NVNT	802.11ac80	5610	Ant 1	8.99	0.32	9.31	24	Pass
NVNT	802.11n(HT20)	5500	Ant 1	9.81	0.09	9.9	24	Pass
NVNT	802.11n(HT20)	5600	Ant 1	8.8	0.09	8.89	24	Pass
NVNT	802.11n(HT20)	5700	Ant 1	9.11	0.09	9.2	24	Pass
NVNT	802.11n(HT40)	5510	Ant 1	10.09	0.17	10.26	24	Pass
NVNT	802.11n(HT40)	5590	Ant 1	9.04	0.17	9.21	24	Pass
NVNT	802.11n(HT40)	5670	Ant 1	10.45	0.17	10.62	24	Pass

Occupied Channel Bandwidth

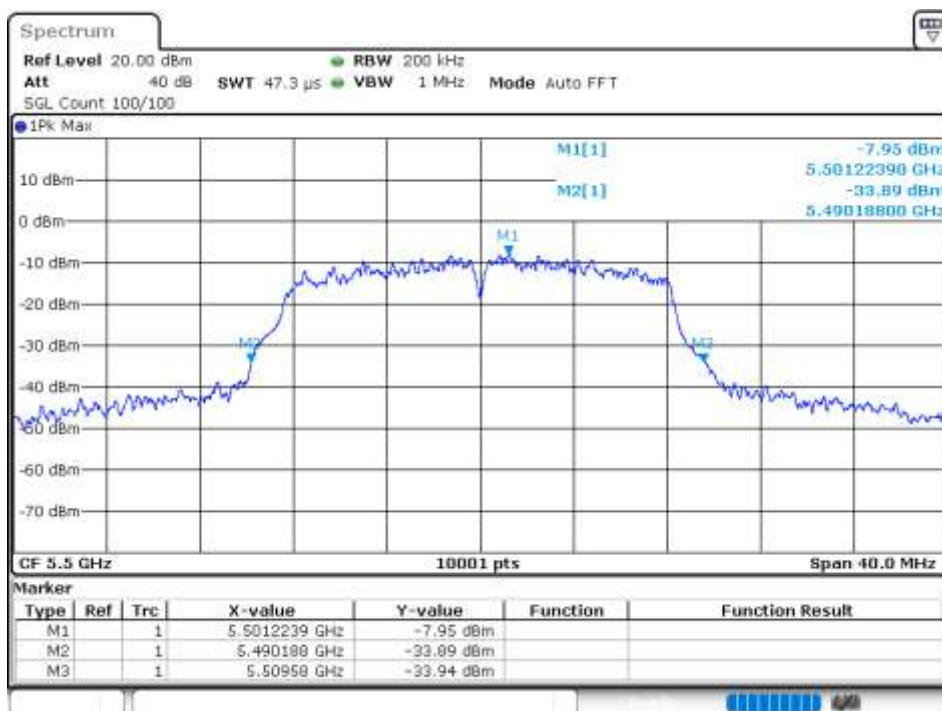
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)
NVNT	802.11a	5500	Ant 1	16.3184	19.392
NVNT	802.11a	5600	Ant 1	16.5743	19.2

NVNT	802.11a	5700	Ant 1	16.7223	19.548
NVNT	802.11ac20	5500	Ant 1	17.5822	20.184
NVNT	802.11ac20	5600	Ant 1	17.5902	20.196
NVNT	802.11ac20	5700	Ant 1	17.6062	20.16
NVNT	802.11ac40	5510	Ant 1	35.7484	40.328
NVNT	802.11ac40	5590	Ant 1	36.2684	44.2
NVNT	802.11ac40	5670	Ant 1	36.2284	42.008
NVNT	802.11ac80	5530	Ant 1	75.4165	82.208
NVNT	802.11ac80	5610	Ant 1	75.1125	81.472
NVNT	802.11n(HT20)	5500	Ant 1	17.5662	20.248
NVNT	802.11n(HT20)	5600	Ant 1	17.6822	20.236
NVNT	802.11n(HT20)	5700	Ant 1	17.5902	20.14
NVNT	802.11n(HT40)	5510	Ant 1	35.7884	40.384
NVNT	802.11n(HT40)	5590	Ant 1	36.3644	56.336
NVNT	802.11n(HT40)	5670	Ant 1	36.2684	52.408

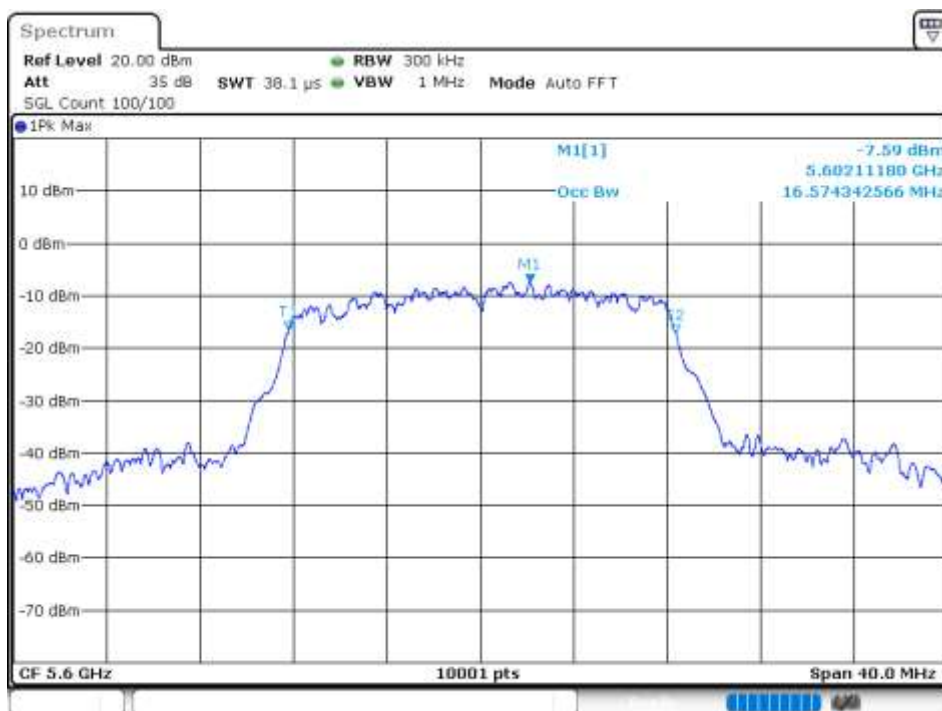
OBW NVNT 802.11a 5500MHz Ant1



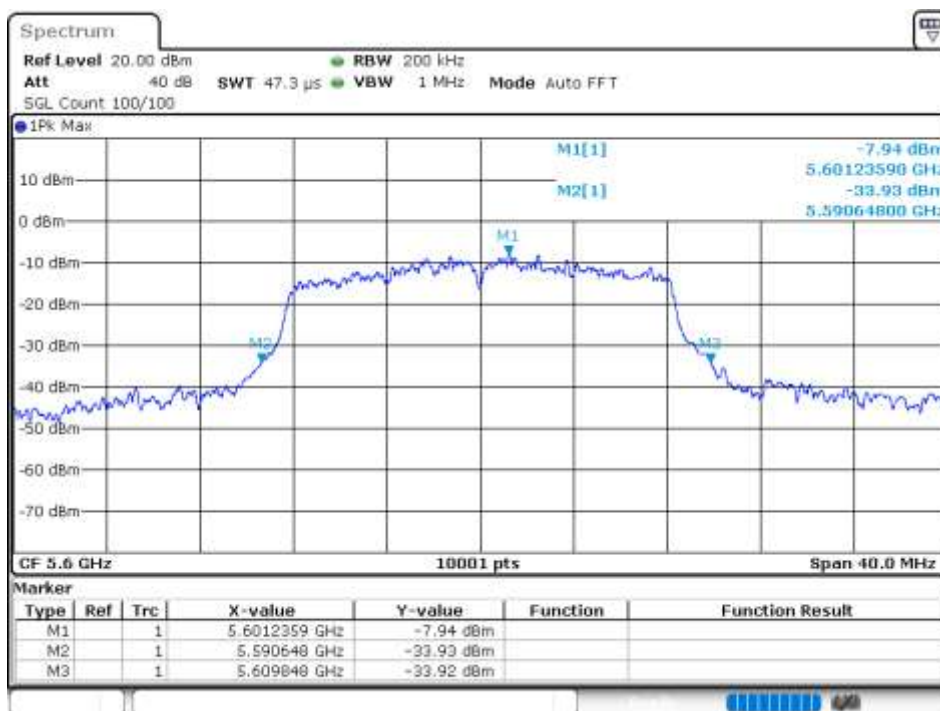
-26 dB BW NVNT 802.11a 5500MHz Ant1



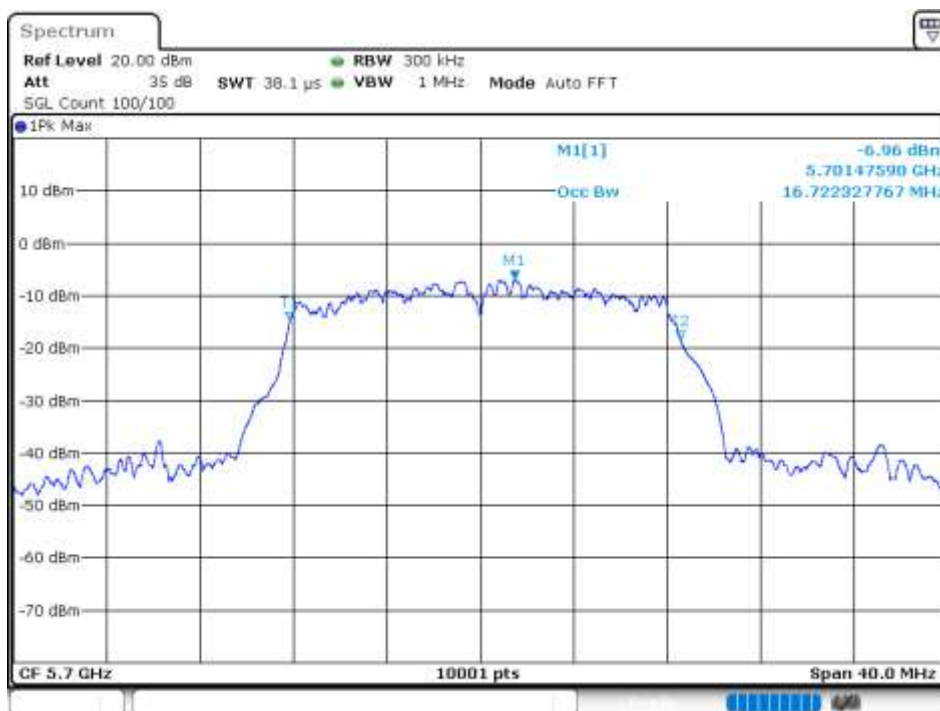
OBW NVNT 802.11a 5600MHz Ant1



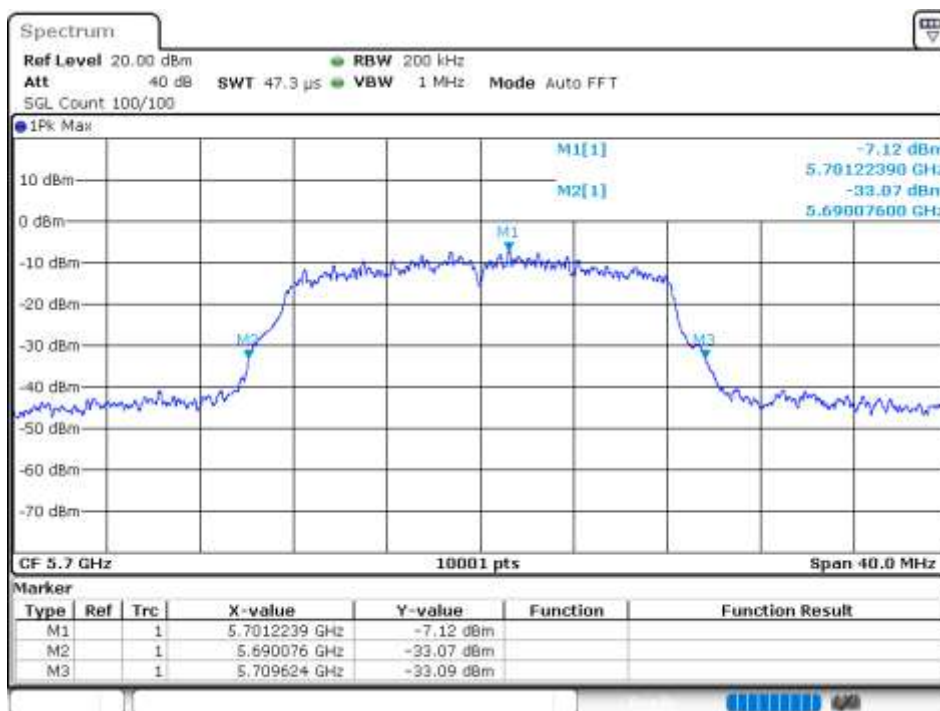
-26 dB BW NVNT 802.11a 5600MHz Ant1



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