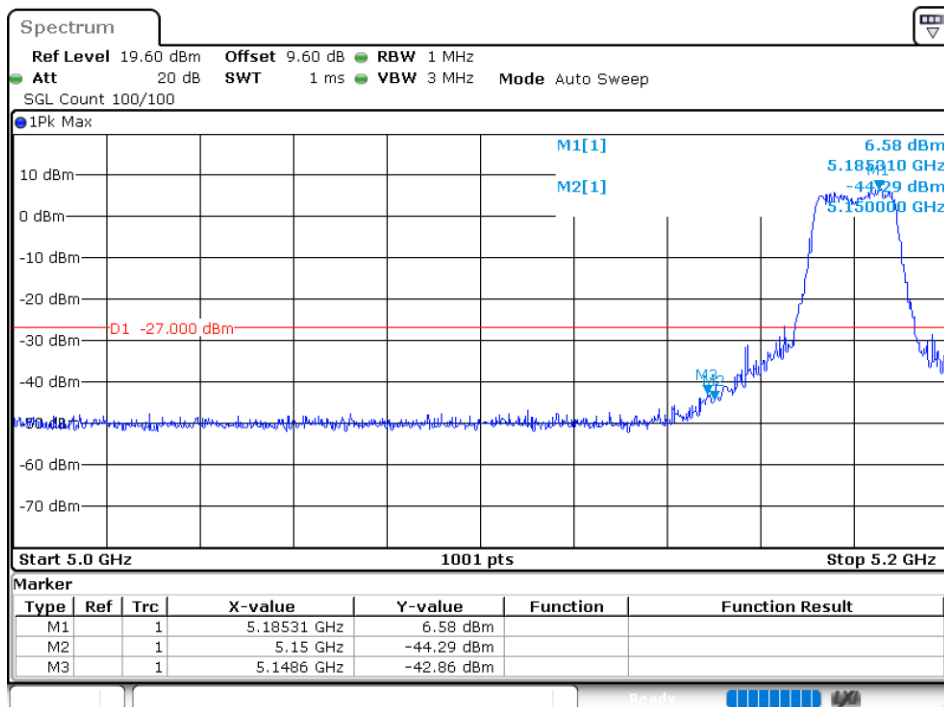
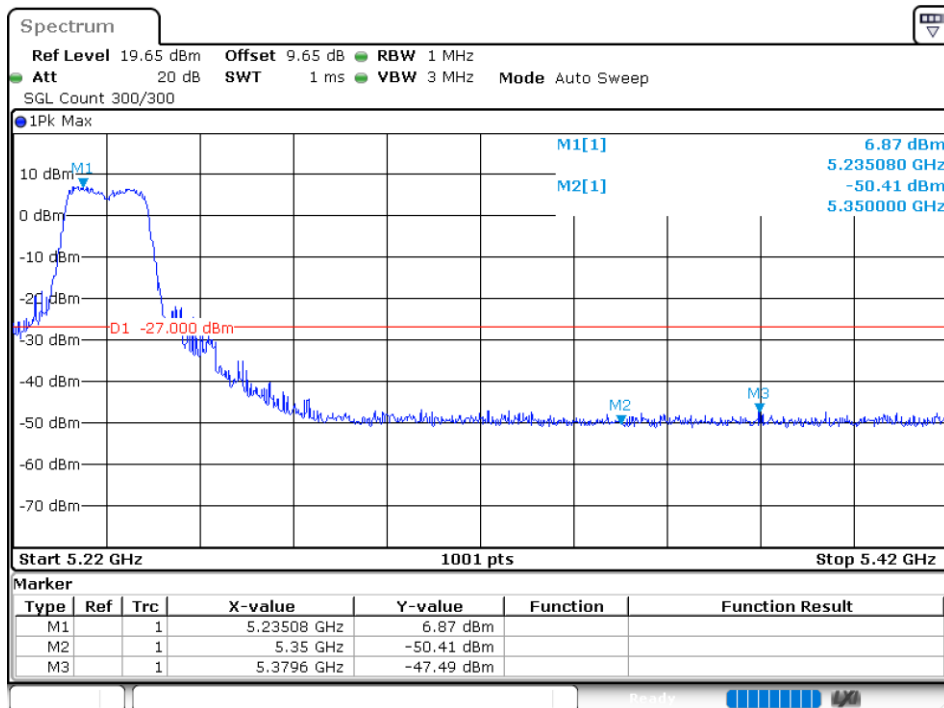


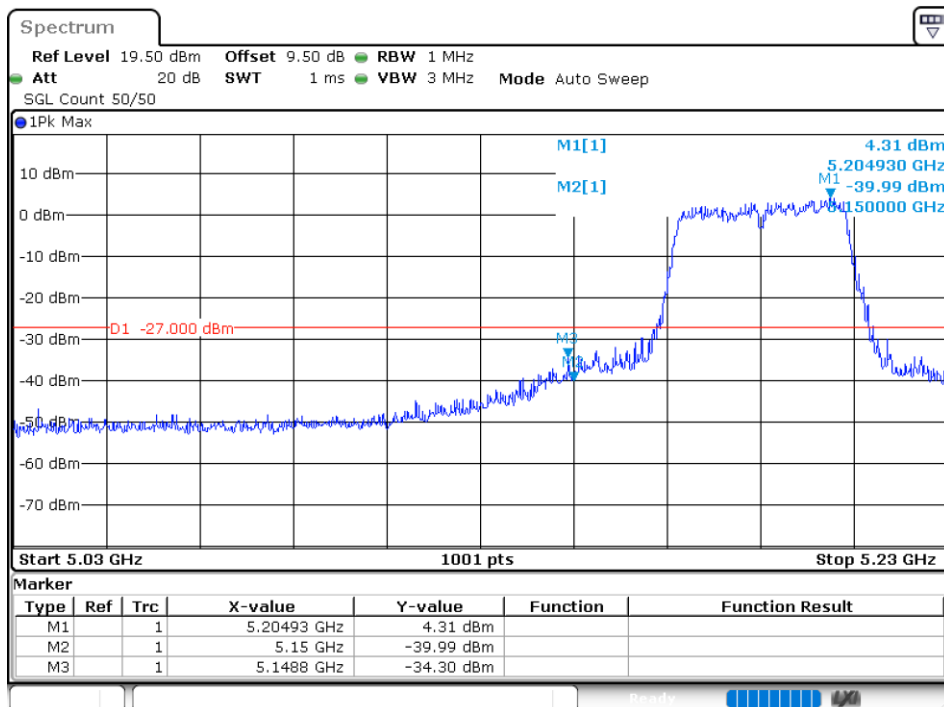
Band Edge NVNT 802.11ac20 5180MHz Low Ant 2



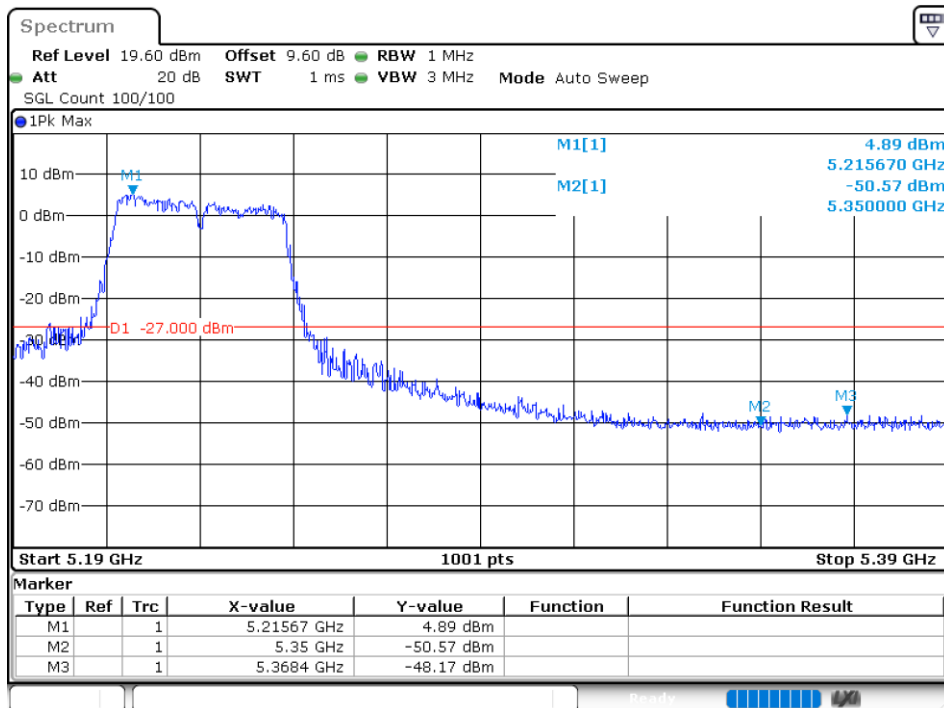
Band Edge NVNT 802.11ac20 5240MHz High Ant 2



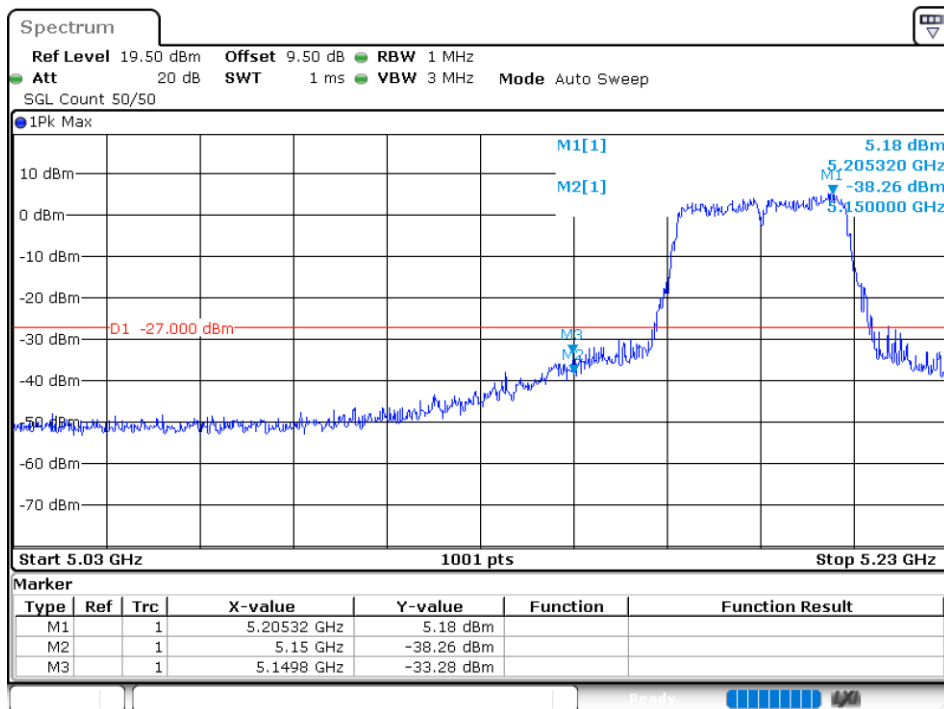
Band Edge NVNT 802.11ac40 5190MHz Low Ant 1



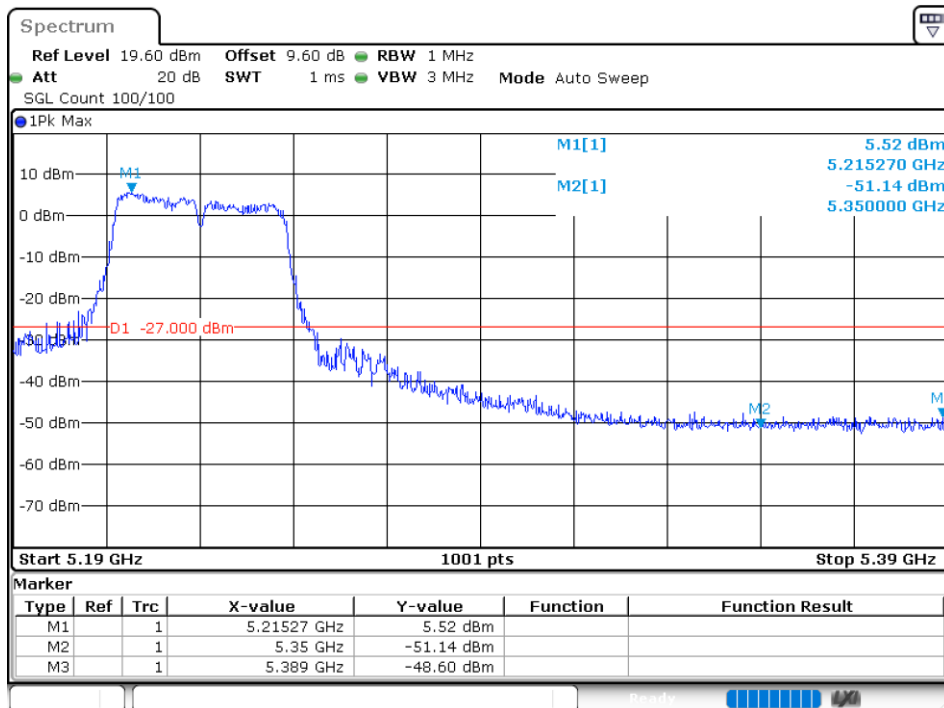
Band Edge NVNT 802.11ac40 5230MHz High Ant 1



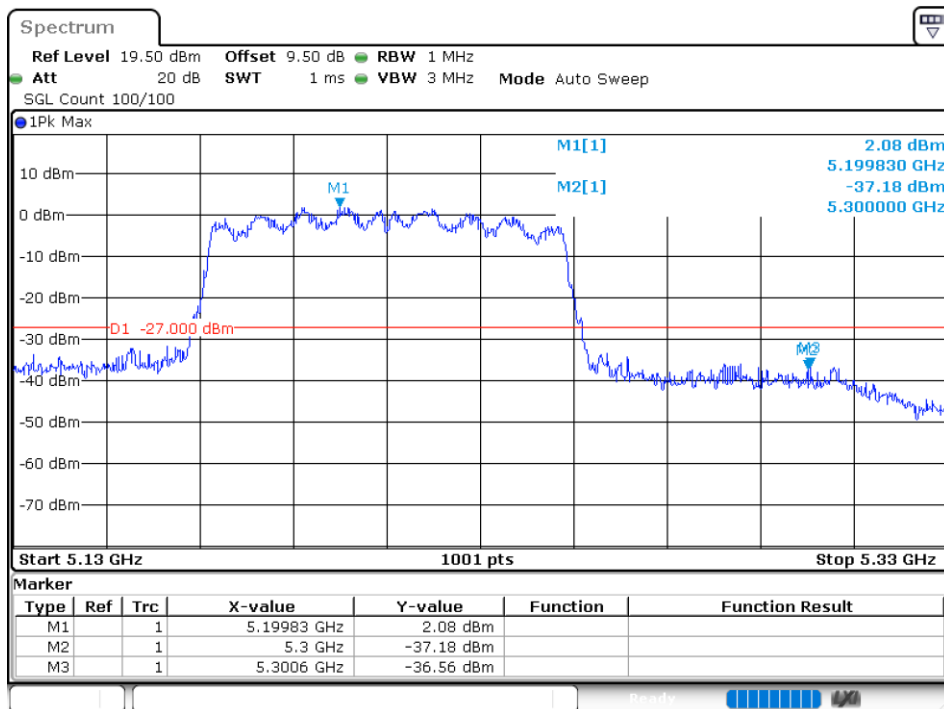
Band Edge NVNT 802.11ac40 5190MHz Low Ant 2



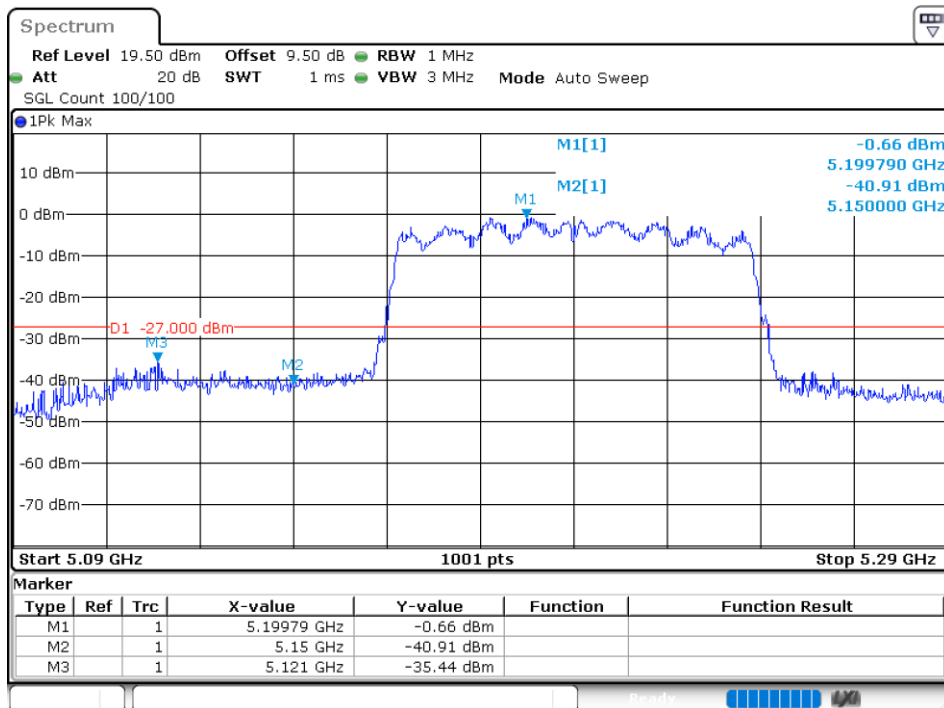
Band Edge NVNT 802.11ac40 5230MHz High Ant 2



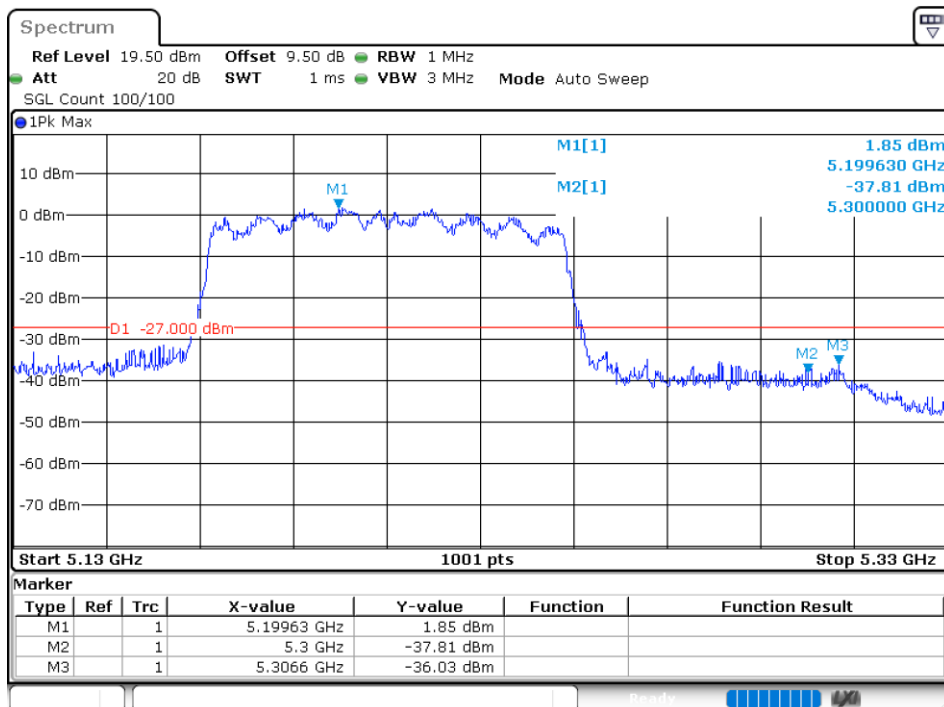
Band Edge NVNT 802.11ac80 5210MHz High Ant 1



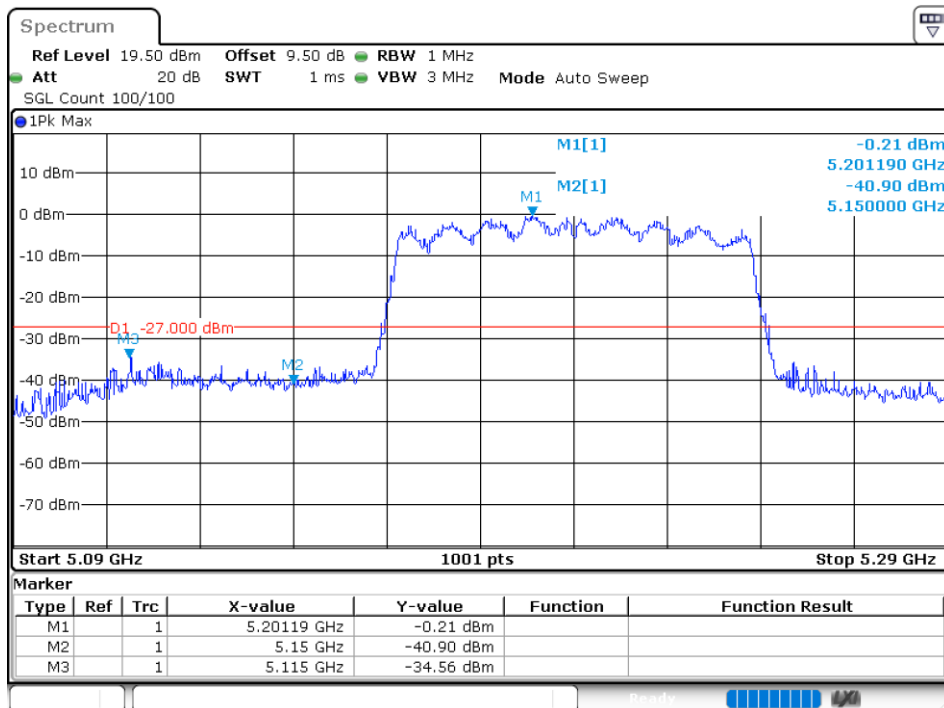
Band Edge NVNT 802.11ac80 5210MHz Low Ant 1



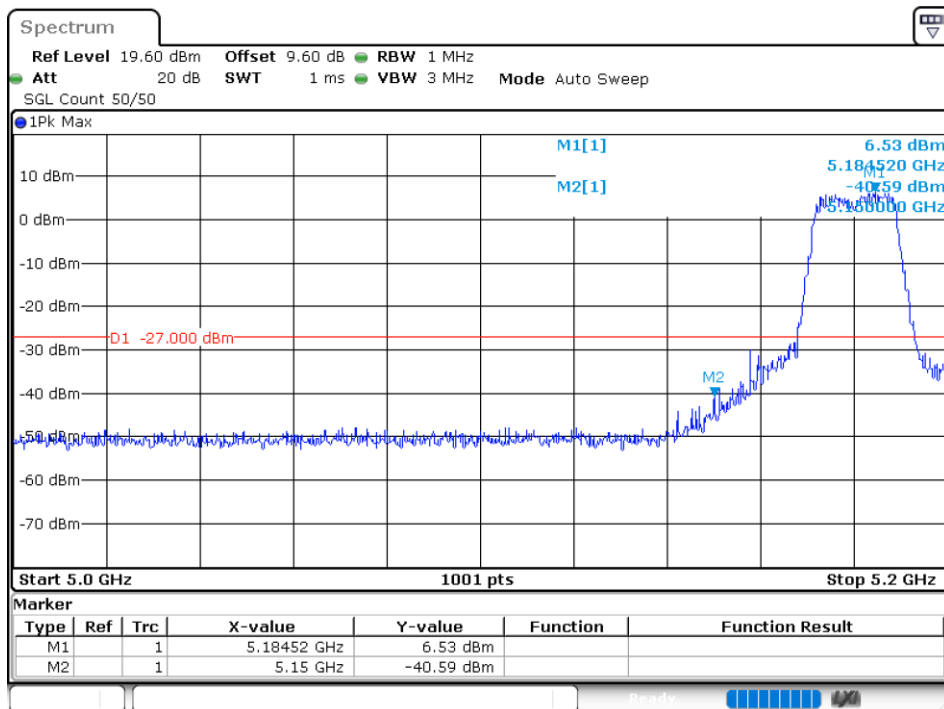
Band Edge NVNT 802.11ac80 5210MHz High Ant 2



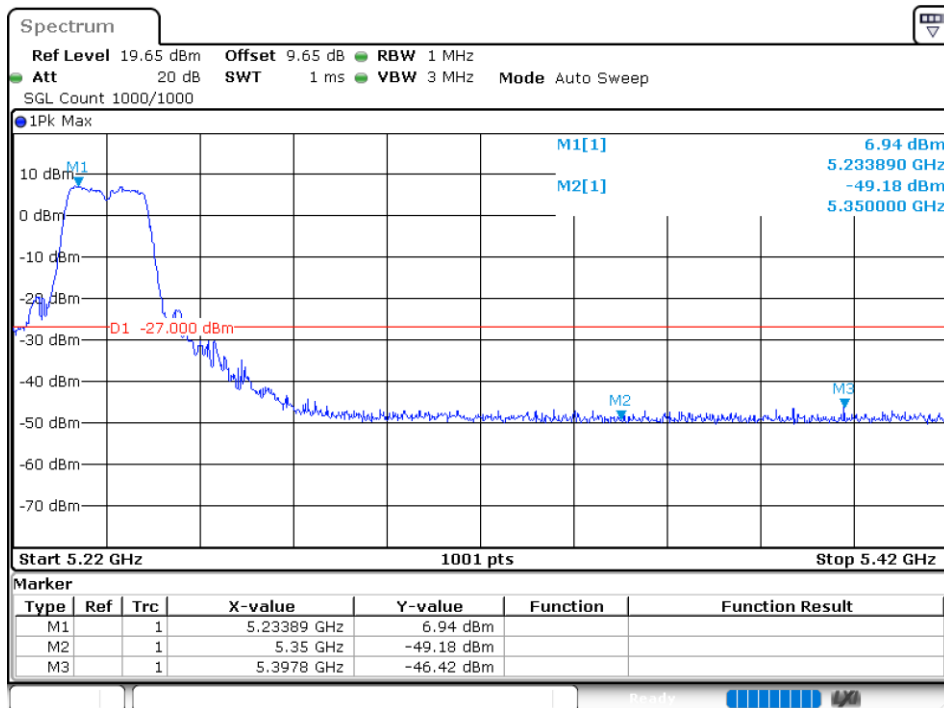
Band Edge NVNT 802.11ac80 5210MHz Low Ant 2



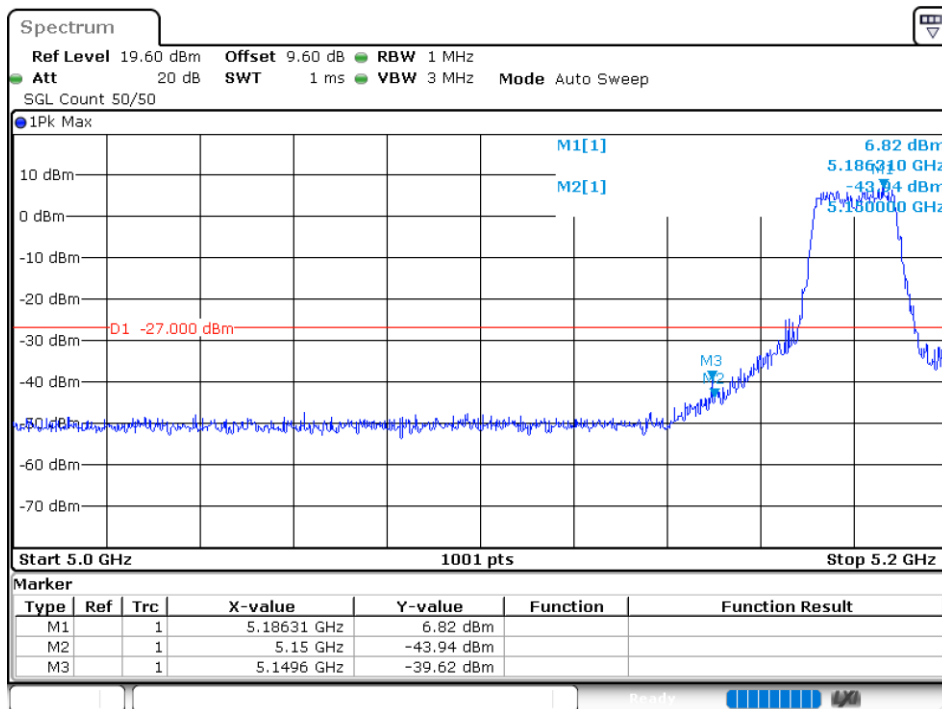
Band Edge NVNT 802.11n(HT20) 5180MHz Low Ant 1



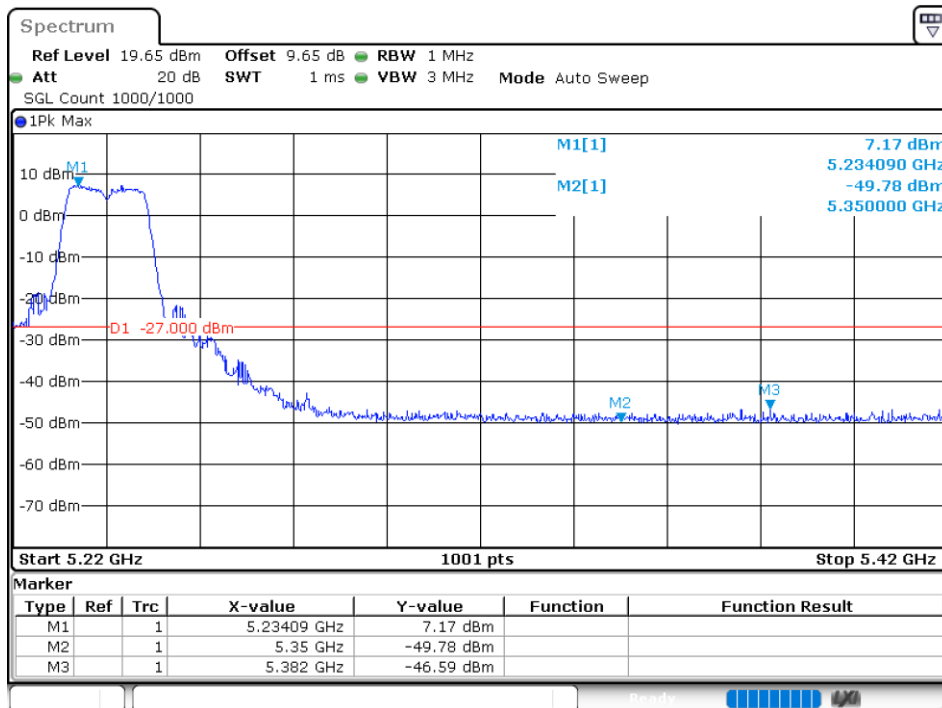
Band Edge NVNT 802.11n(HT20) 5240MHz High Ant 1



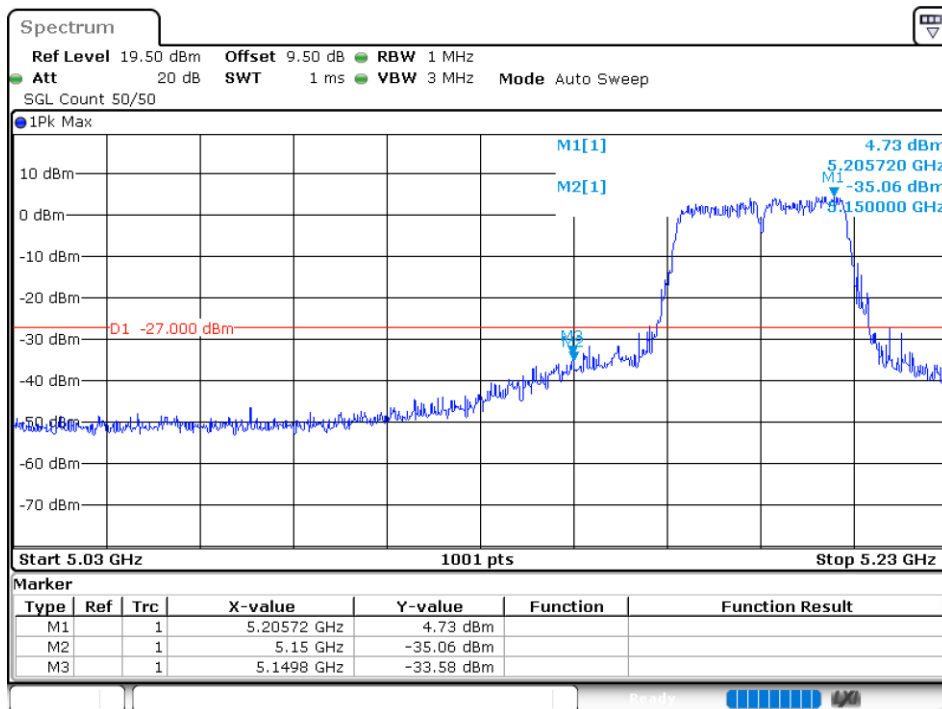
Band Edge NVNT 802.11n(HT20) 5180MHz Low Ant 2



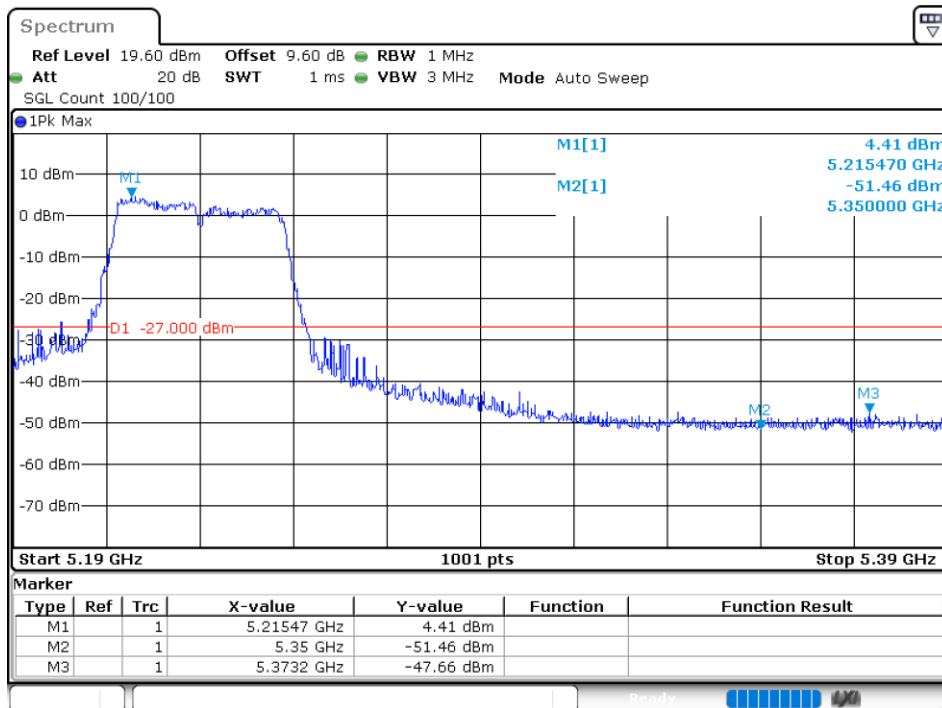
Band Edge NVNT 802.11n(HT20) 5240MHz High Ant 2



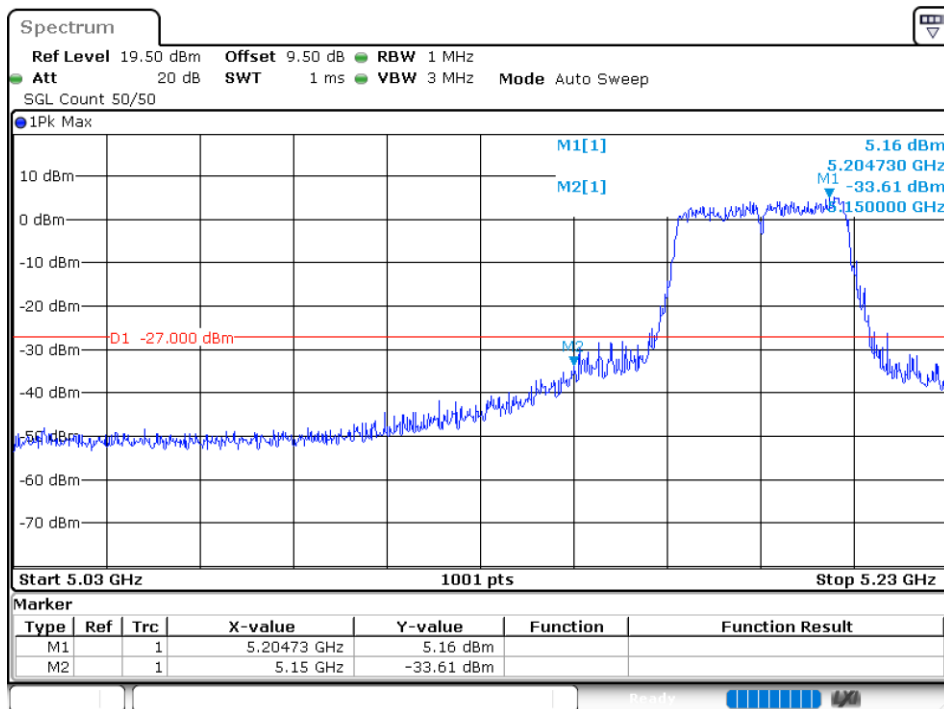
Band Edge NVNT 802.11n(HT40) 5190MHz Low Ant 1



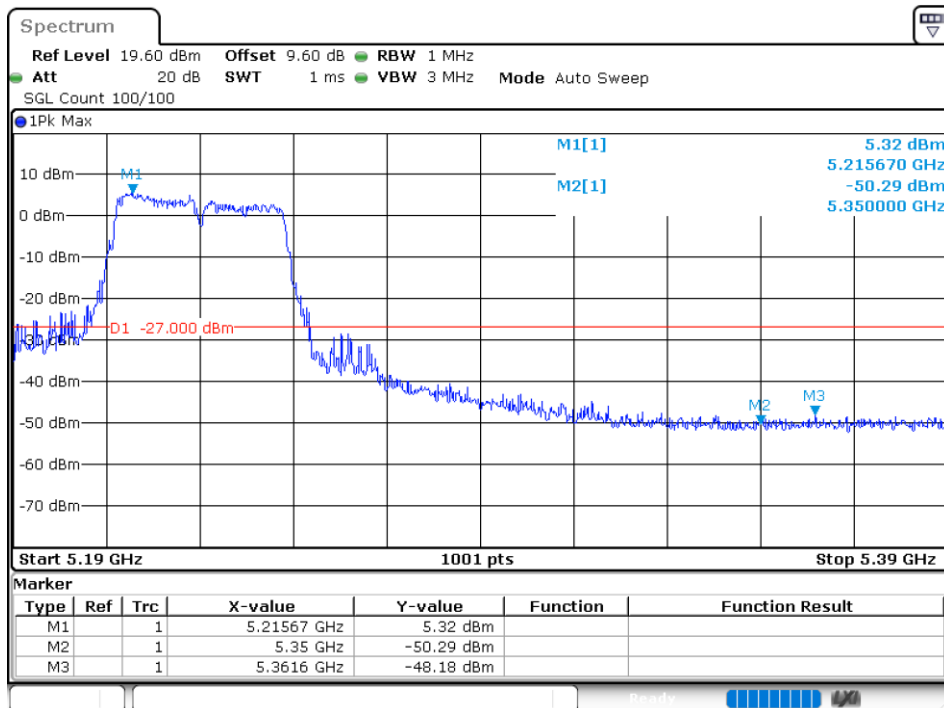
Band Edge NVNT 802.11n(HT40) 5230MHz High Ant 1



Band Edge NVNT 802.11n(HT40) 5190MHz Low Ant 2



Band Edge NVNT 802.11n(HT40) 5230MHz High Ant 2

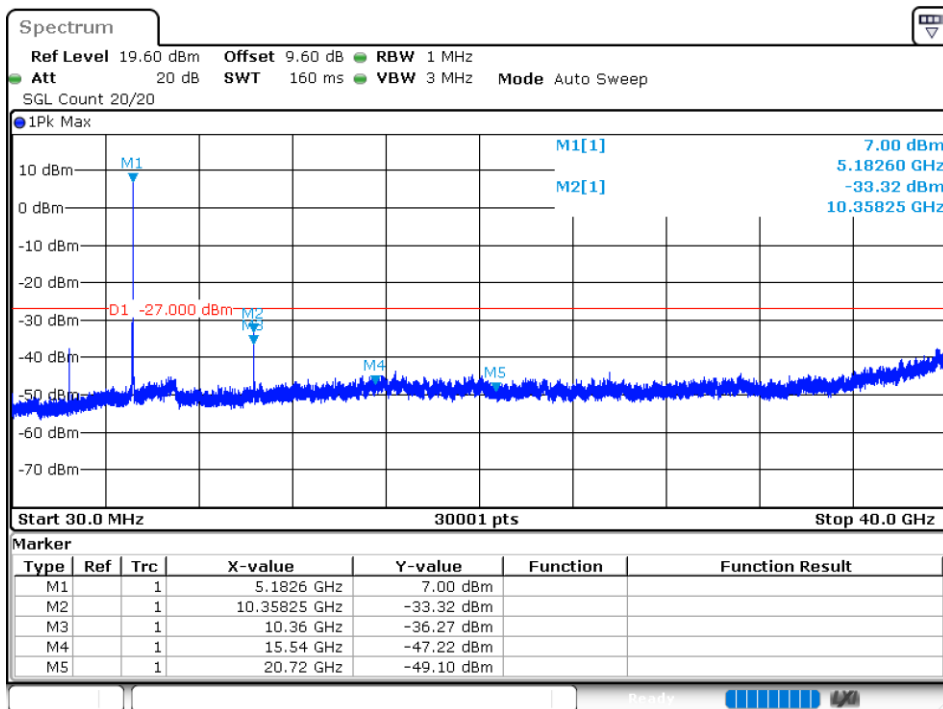


Conducted RF Spurious Emission

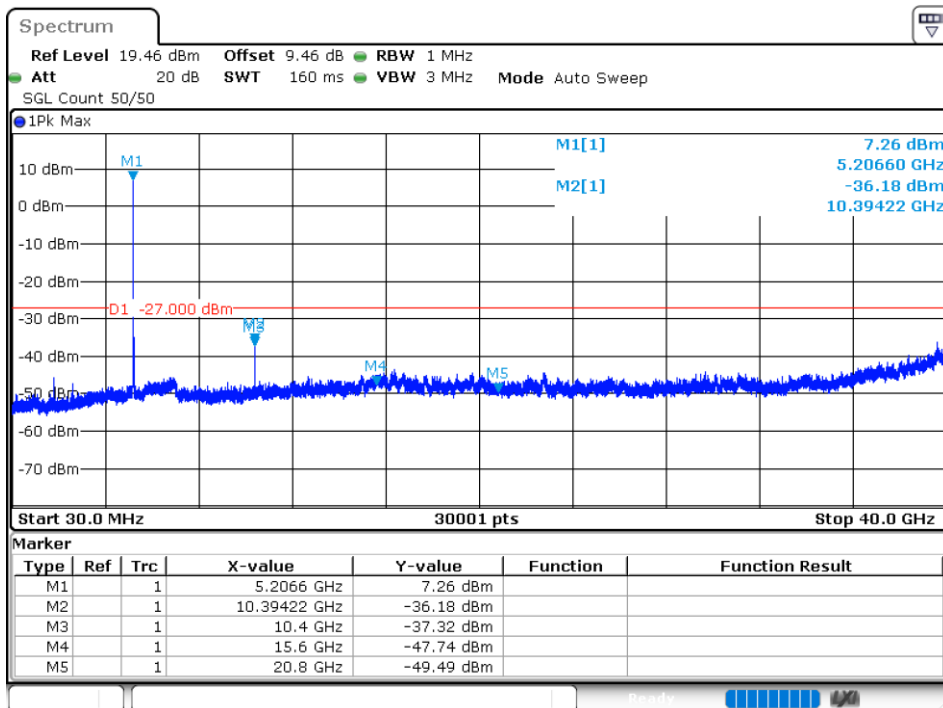
Condition	Mode	Frequency (MHz)	Antenna	Antenna Gain (dBi)	Max Value (dBc)	EIRP Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5180	Ant 1	5	-33.32	-28.32	-27	Pass
NVNT	802.11a	5200	Ant 1	5	-36.18	-31.18	-27	Pass
NVNT	802.11a	5240	Ant 1	5	-33.55	-28.55	-27	Pass
NVNT	802.11a	5180	Ant 2	5	-34.87	-29.87	-27	Pass
NVNT	802.11a	5200	Ant 2	5	-34.34	-29.34	-27	Pass
NVNT	802.11a	5240	Ant 2	5	-34.85	-29.85	-27	Pass
NVNT	802.11ac20	5180	Ant 1	5	-37.51	-32.51	-27	Pass
NVNT	802.11ac20	5200	Ant 1	5	-33.83	-28.83	-27	Pass
NVNT	802.11ac20	5240	Ant 1	5	-35.83	-30.83	-27	Pass
NVNT	802.11ac20	5180	Ant 2	5	-34.64	-29.64	-27	Pass
NVNT	802.11ac20	5200	Ant 2	5	-37.52	-32.52	-27	Pass
NVNT	802.11ac20	5240	Ant 2	5	-33.03	-28.03	-27	Pass
NVNT	802.11ac40	5190	Ant 1	5	-37.61	-32.61	-27	Pass
NVNT	802.11ac40	5230	Ant 1	5	-36.32	-31.32	-27	Pass
NVNT	802.11ac40	5190	Ant 2	5	-36.66	-31.66	-27	Pass
NVNT	802.11ac40	5230	Ant 2	5	-36.9	-31.9	-27	Pass
NVNT	802.11ac80	5210	Ant 1	5	-32.13	-27.13	-27	Pass
NVNT	802.11ac80	5210	Ant 2	5	-38.14	-33.14	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	5	-35.06	-30.06	-27	Pass
NVNT	802.11n(HT20)	5200	Ant 1	5	-34.61	-29.61	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	5	-35.45	-30.45	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 2	5	-35.38	-30.38	-27	Pass
NVNT	802.11n(HT20)	5200	Ant 2	5	-37.54	-32.54	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 2	5	-38.1	-33.1	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	5	-37.25	-32.25	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	5	-37.72	-32.72	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 2	5	-37.65	-32.65	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 2	5	-34.76	-29.76	-27	Pass

Note: MIMO mode and SISO mode has been test, just the SISO mode antenna worst-case has been recorded in the report.

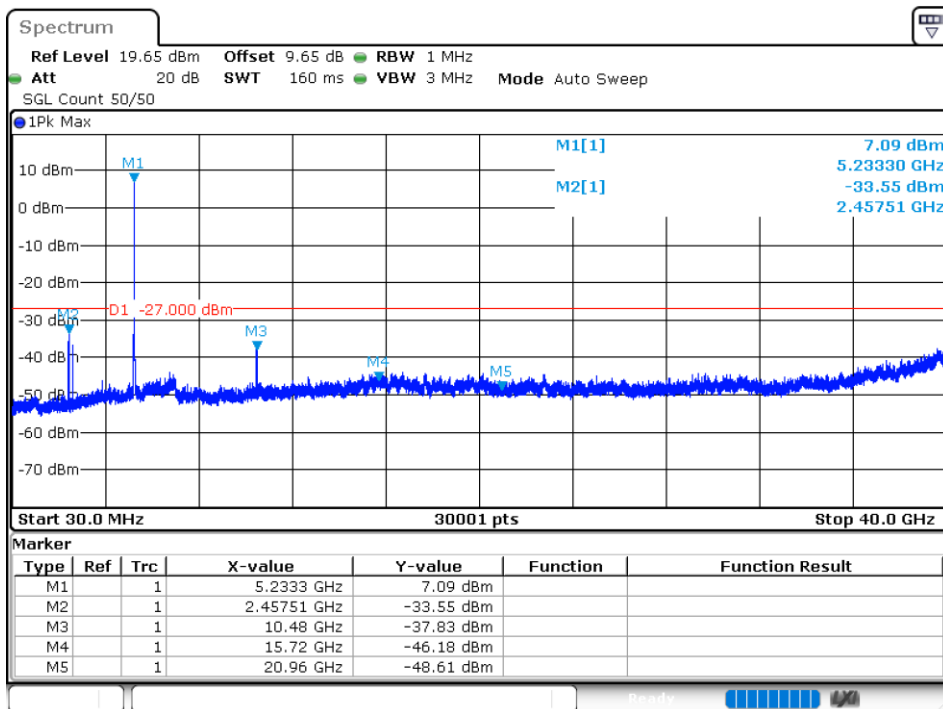
Tx. Spurious NVNT 802.11a 5180MHz Ant 1 Emission



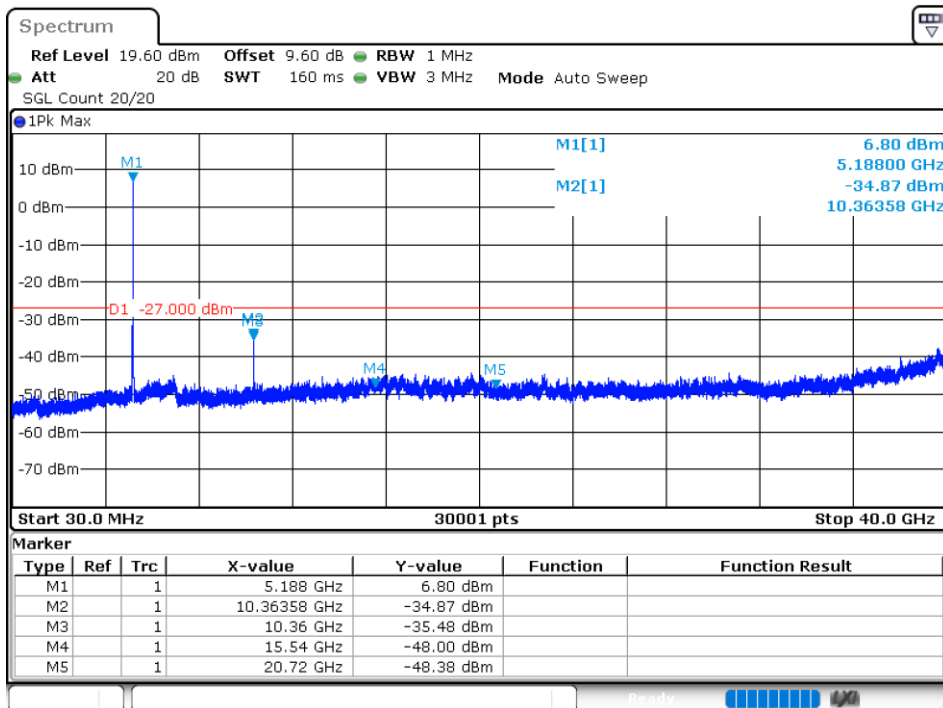
Tx. Spurious NVNT 802.11a 5200MHz Ant 1 Emission



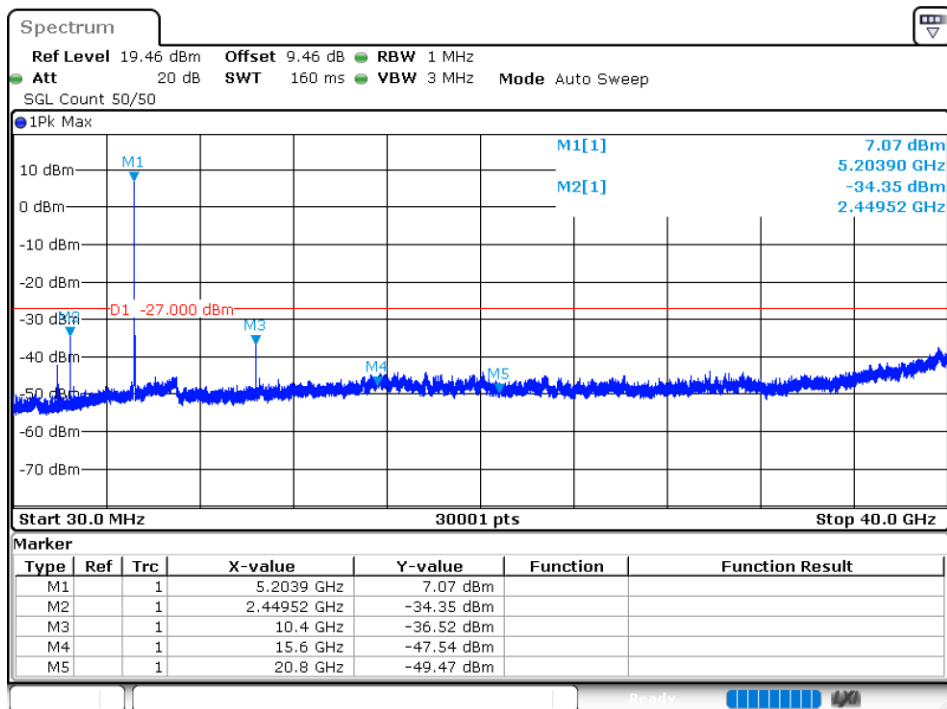
Tx. Spurious NVNT 802.11a 5240MHz Ant 1 Emission



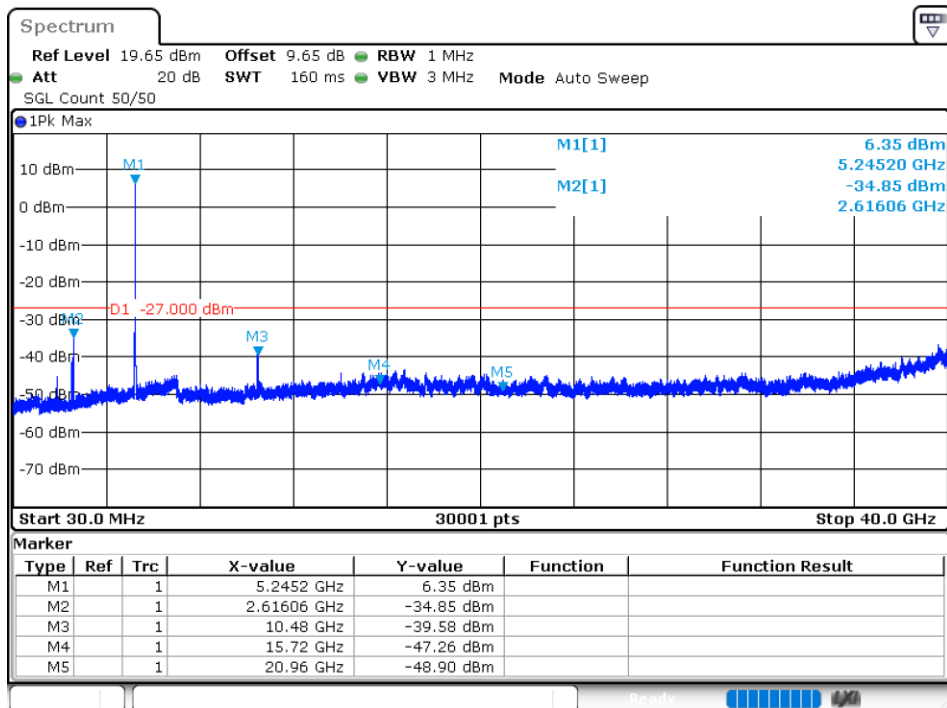
Tx. Spurious NVNT 802.11a 5180MHz Ant 2 Emission



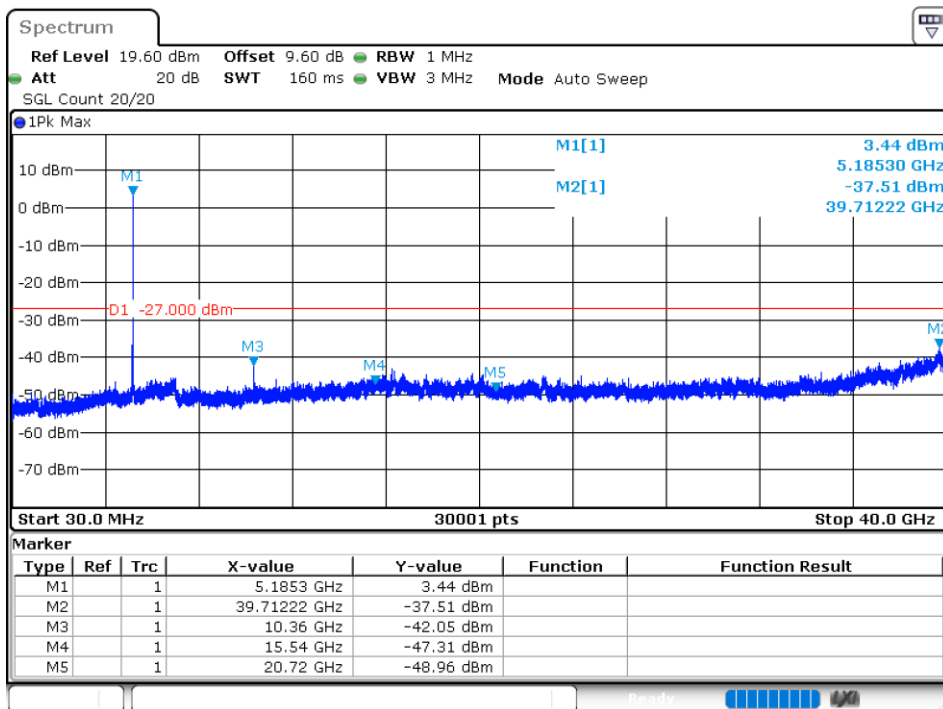
Tx. Spurious NVNT 802.11a 5200MHz Ant 2 Emission



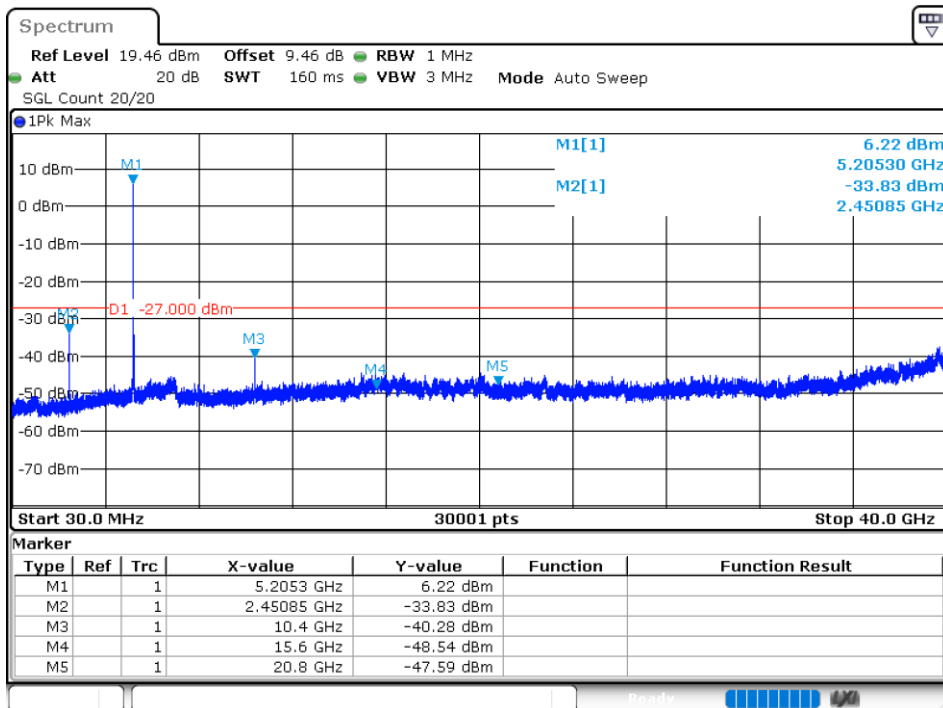
Tx. Spurious NVNT 802.11a 5240MHz Ant 2 Emission



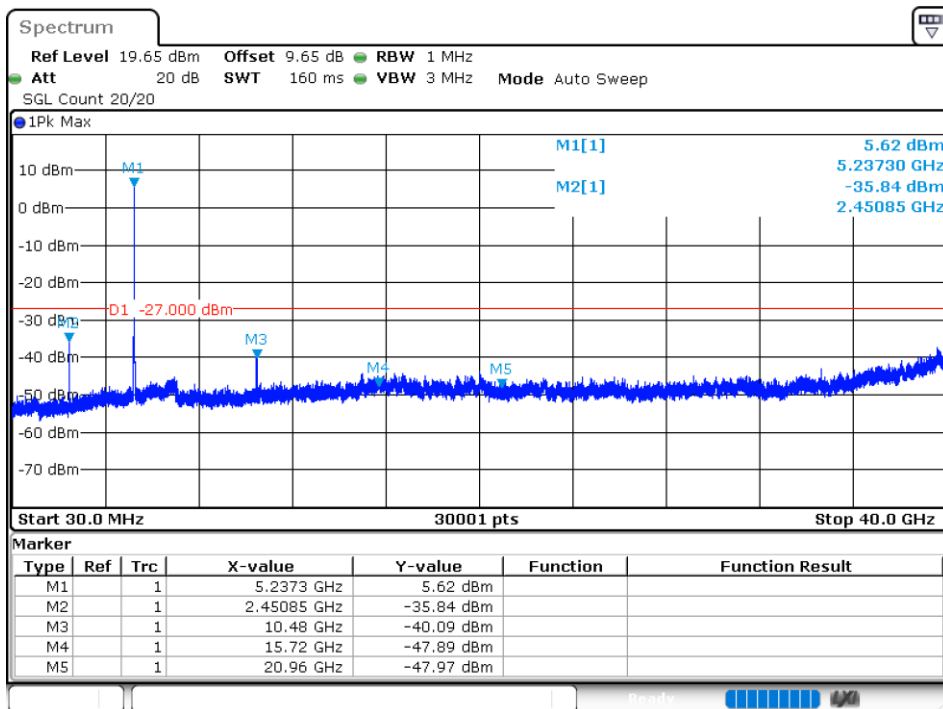
Tx. Spurious NVNT 802.11ac20 5180MHz Ant 1 Emission



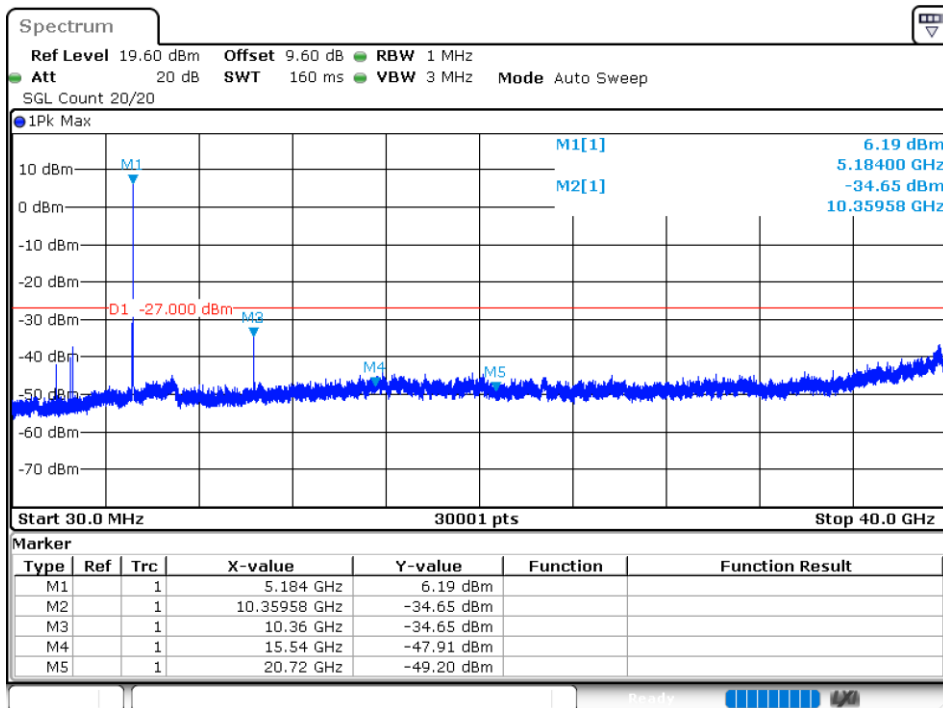
Tx. Spurious NVNT 802.11ac20 5200MHz Ant 1 Emission



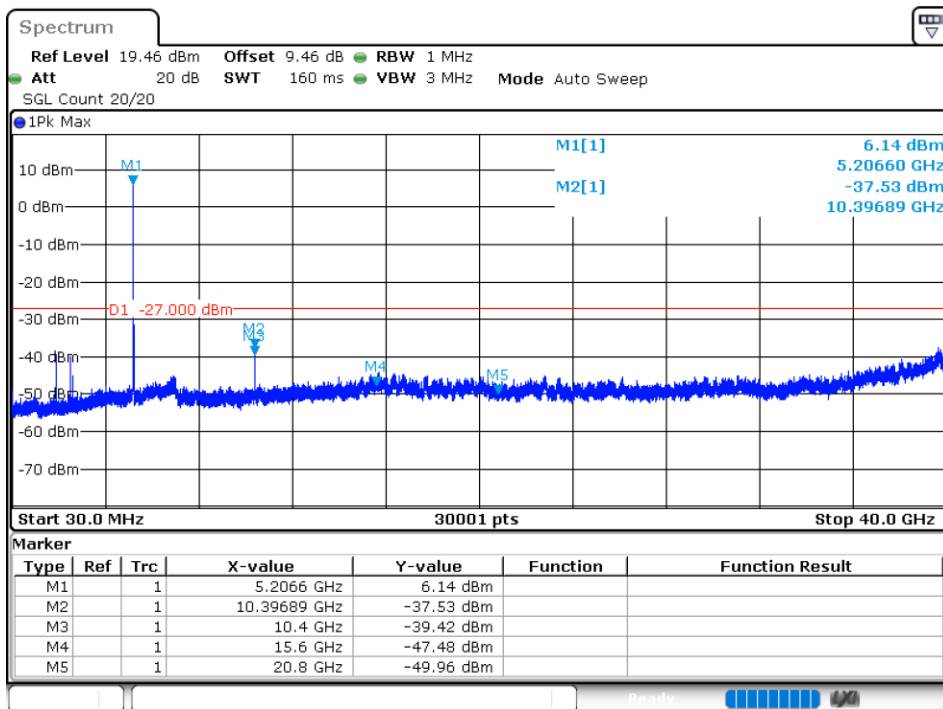
Tx. Spurious NVNT 802.11ac20 5240MHz Ant 1 Emission



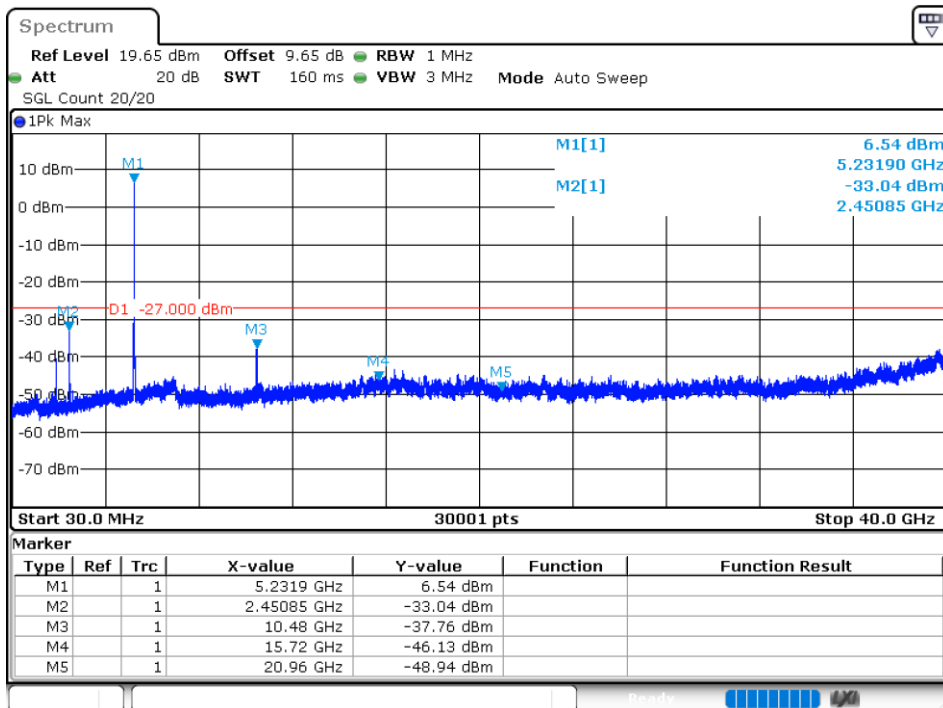
Tx. Spurious NVNT 802.11ac20 5180MHz Ant 2 Emission



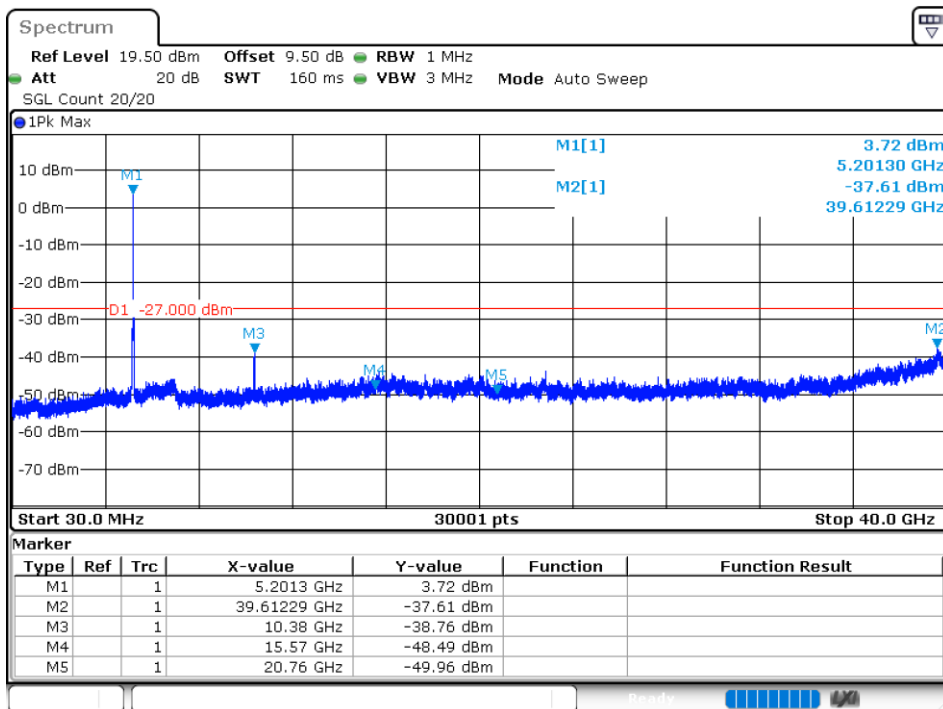
Tx. Spurious NVNT 802.11ac20 5200MHz Ant 2 Emission



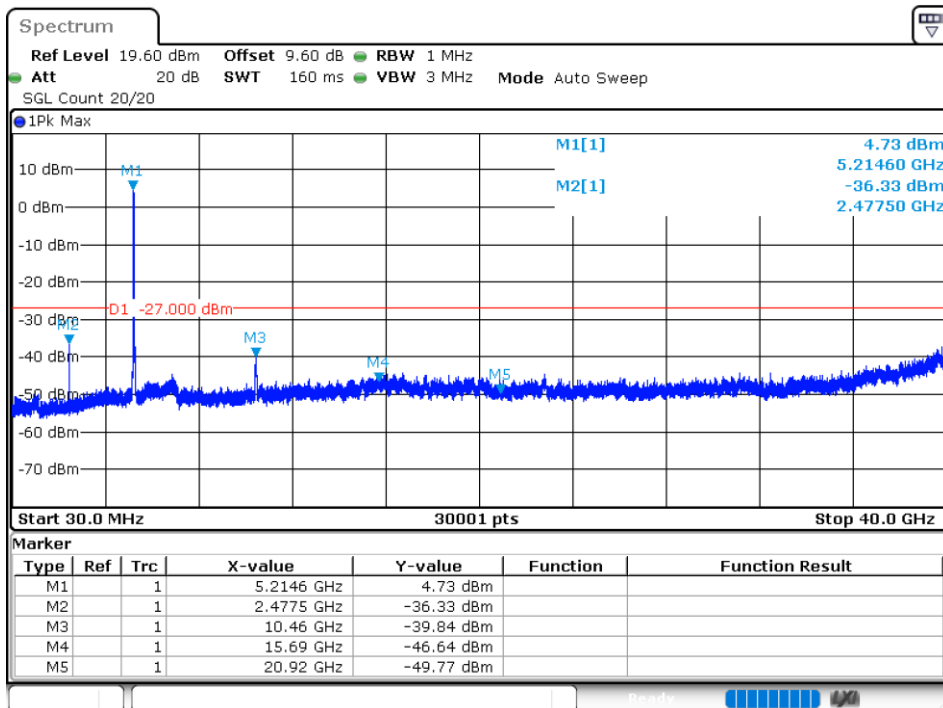
Tx. Spurious NVNT 802.11ac20 5240MHz Ant 2 Emission



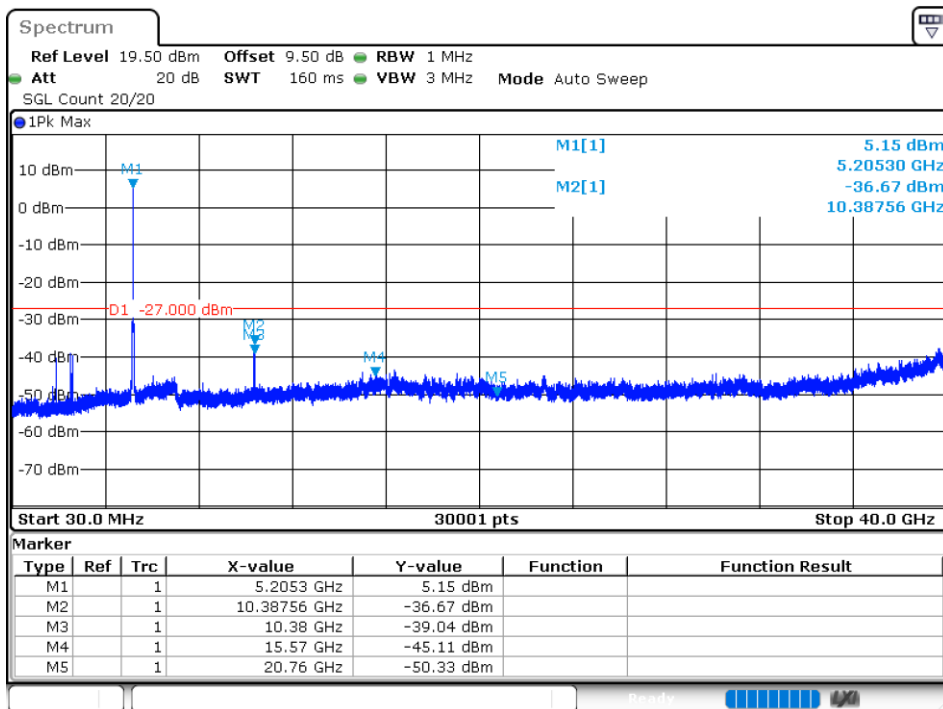
Tx. Spurious NVNT 802.11ac40 5190MHz Ant 1 Emission



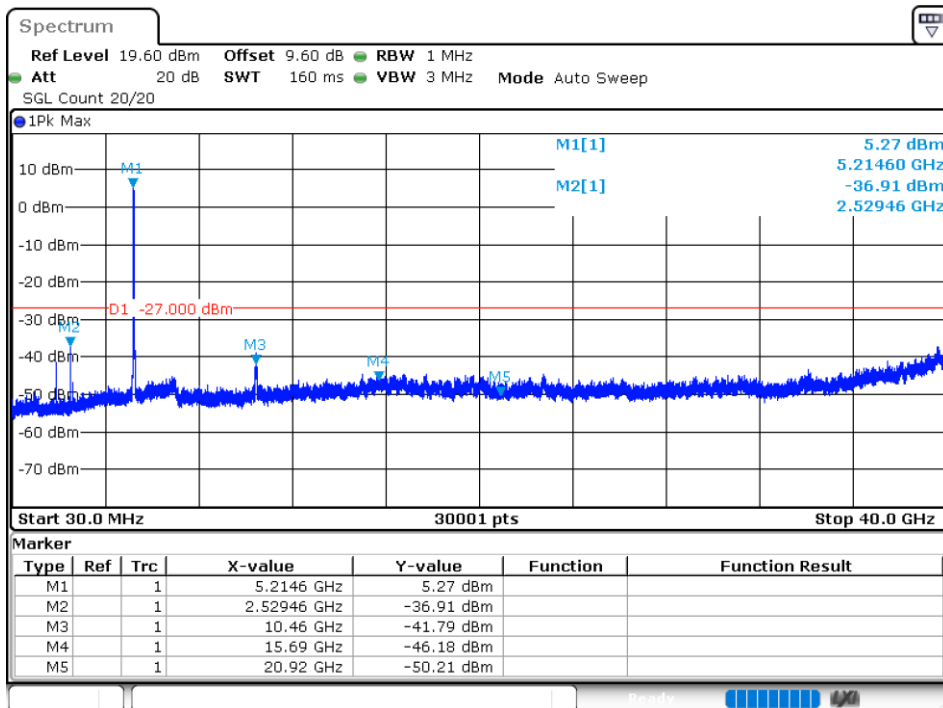
Tx. Spurious NVNT 802.11ac40 5230MHz Ant 1 Emission



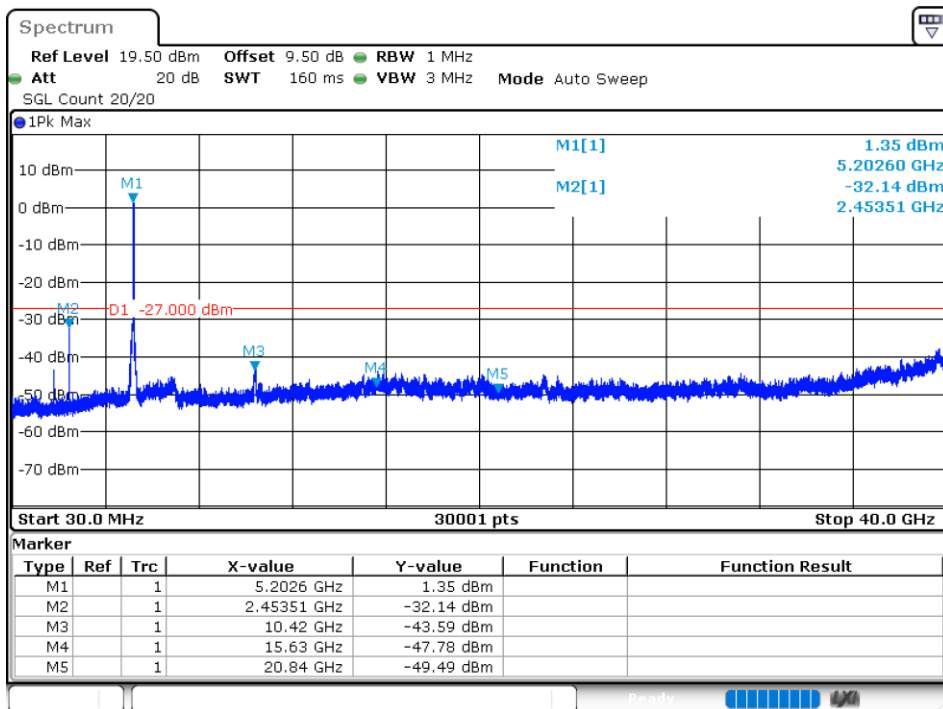
Tx. Spurious NVNT 802.11ac40 5190MHz Ant 2 Emission



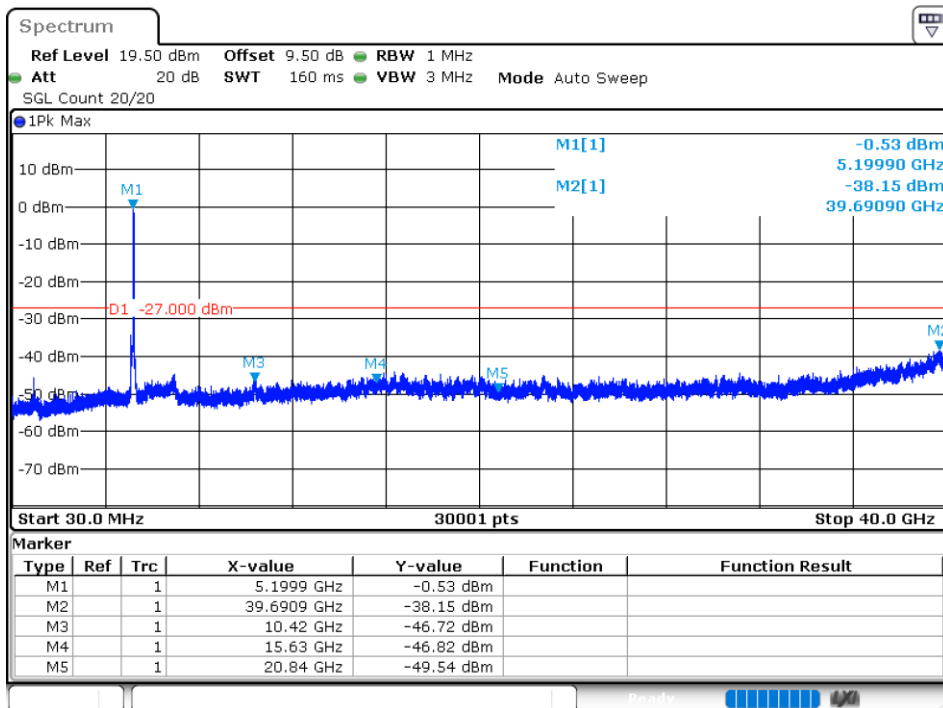
Tx. Spurious NVNT 802.11ac40 5230MHz Ant 2 Emission



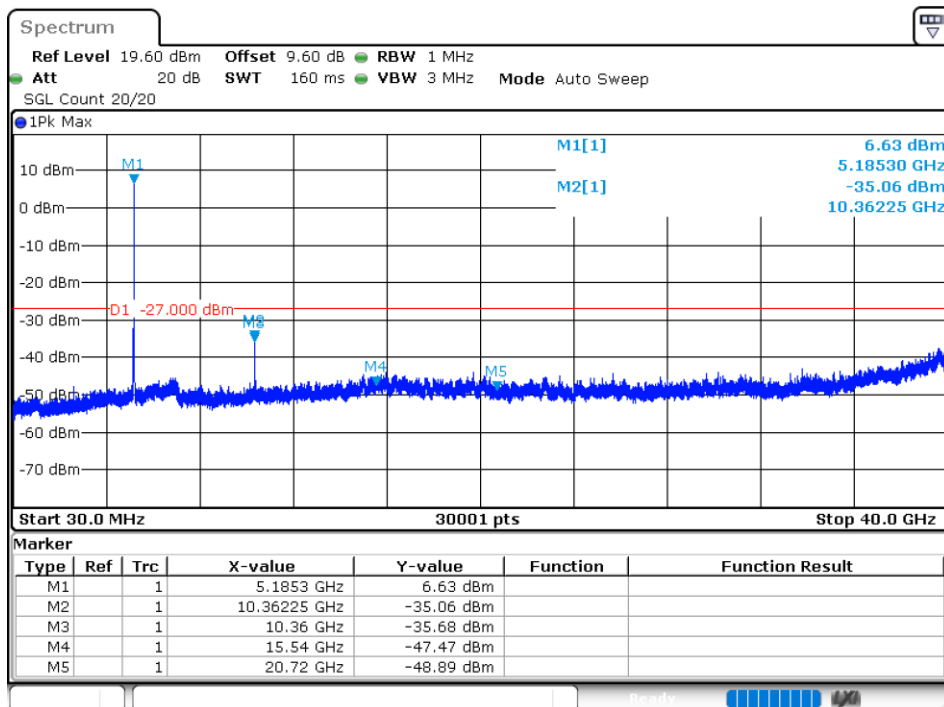
Tx. Spurious NVNT 802.11ac80 5210MHz Ant 1 Emission



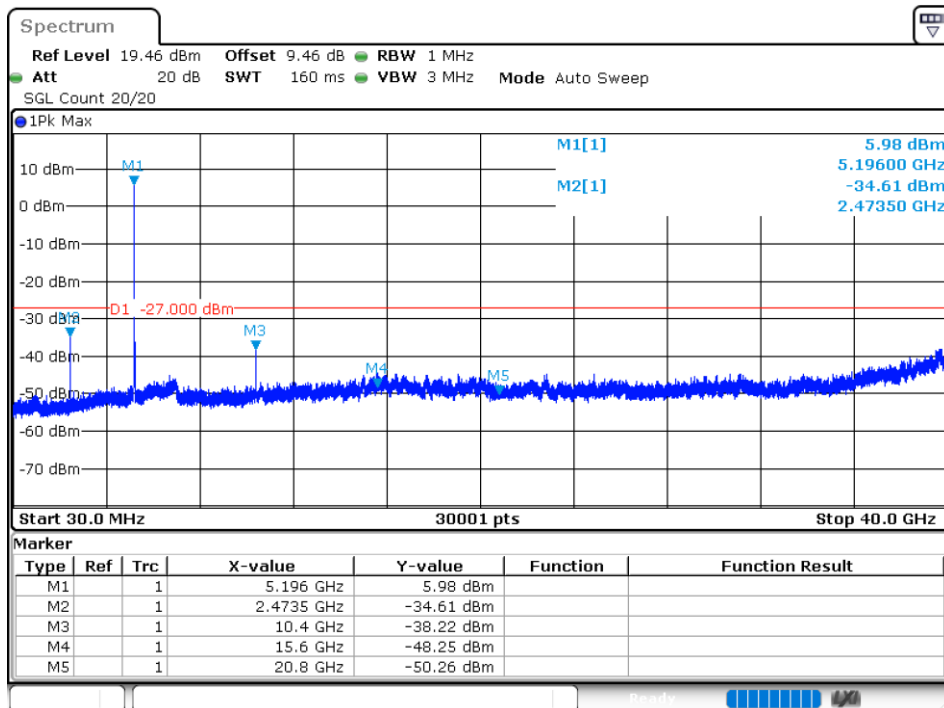
Tx. Spurious NVNT 802.11ac80 5210MHz Ant 2 Emission



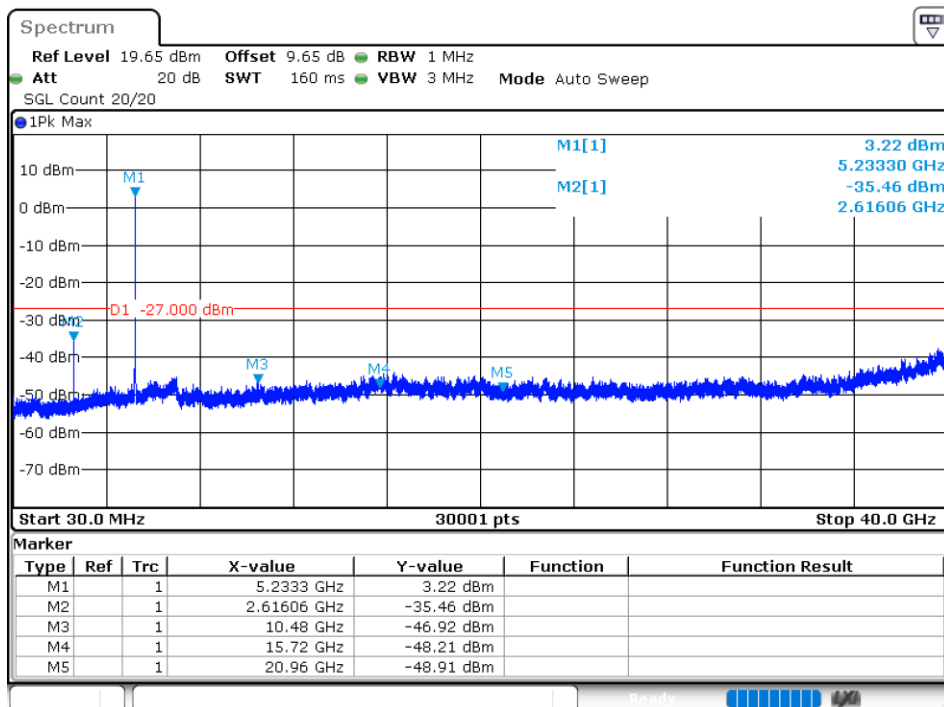
Tx. Spurious NVNT 802.11n(HT20) 5180MHz Ant 1 Emission



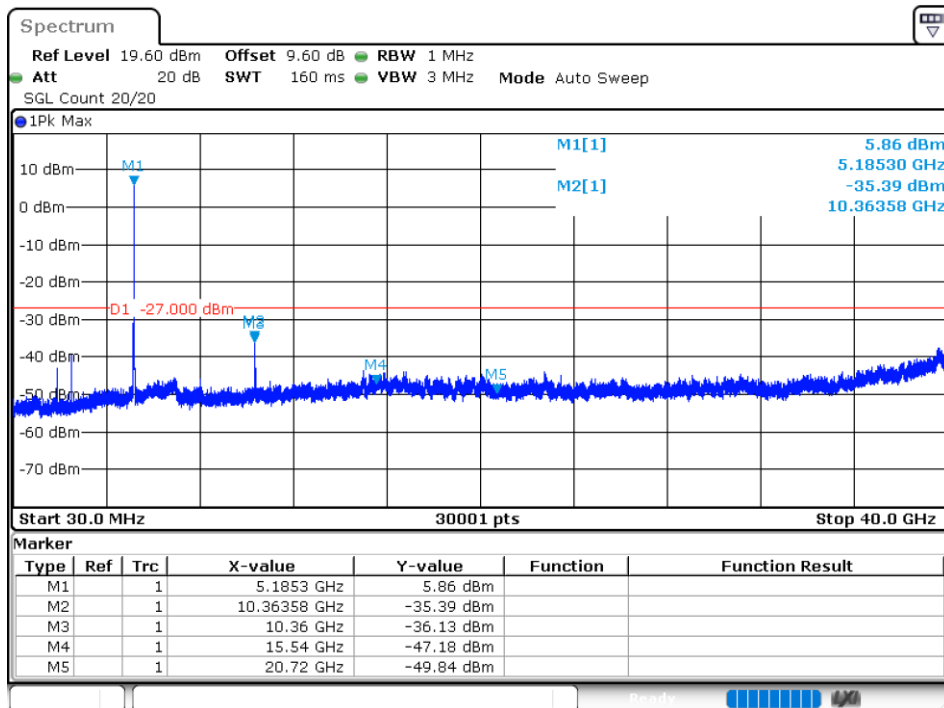
Tx. Spurious NVNT 802.11n(HT20) 5200MHz Ant 1 Emission



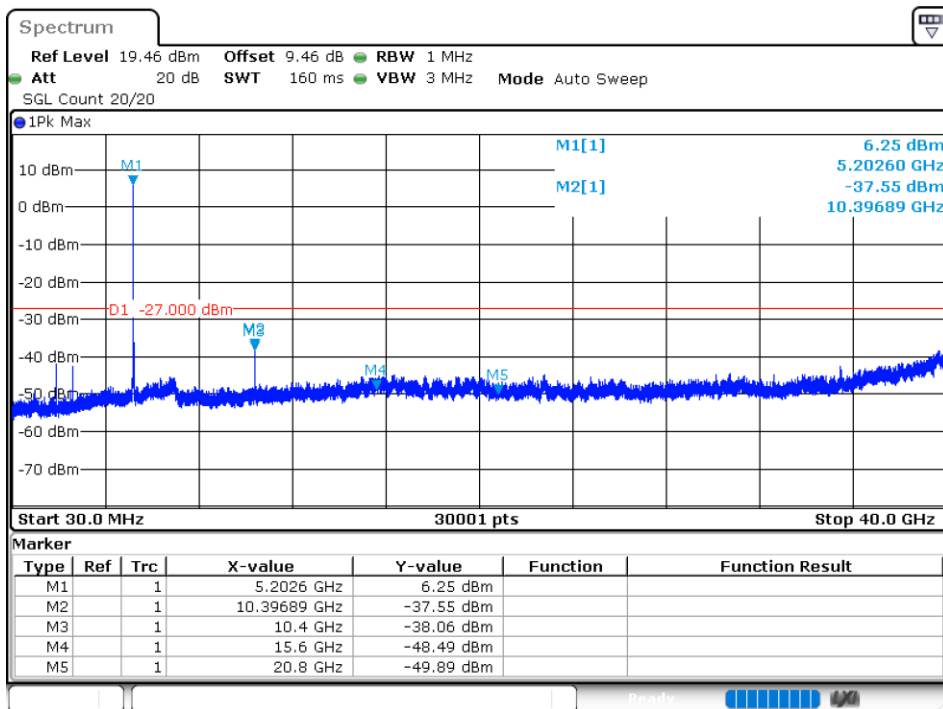
Tx. Spurious NVNT 802.11n(HT20) 5240MHz Ant 1 Emission



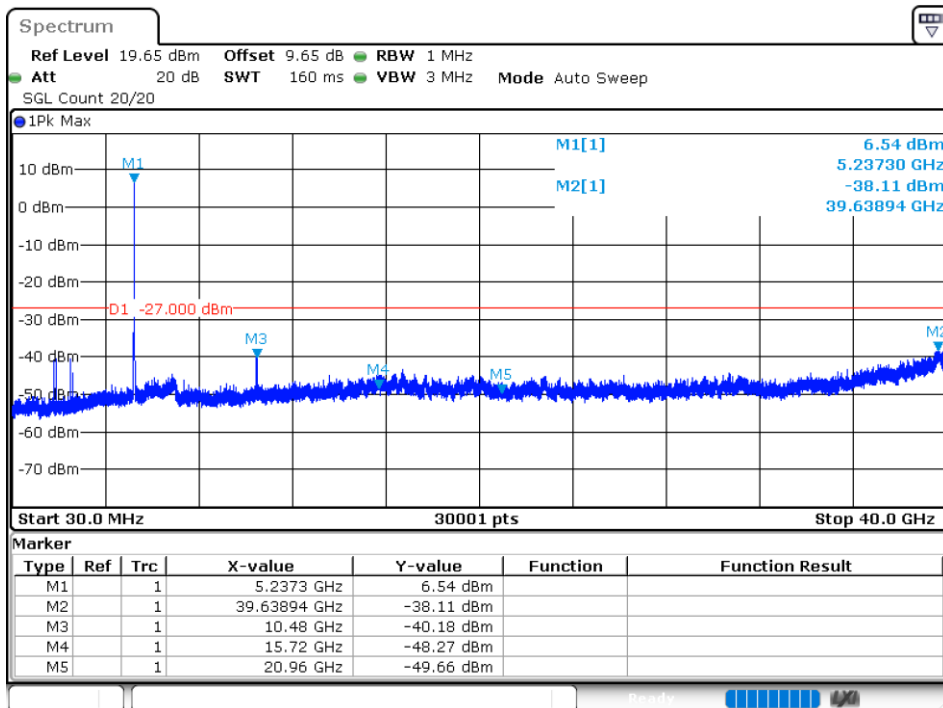
Tx. Spurious NVNT 802.11n(HT20) 5180MHz Ant 2 Emission



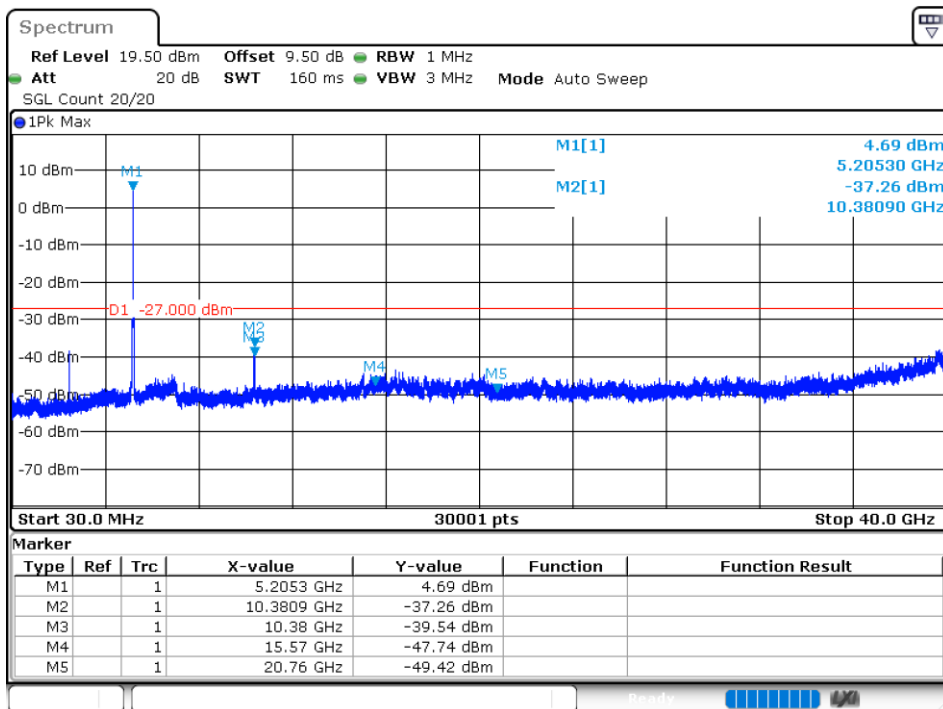
Tx. Spurious NVNT 802.11n(HT20) 5200MHz Ant 2 Emission



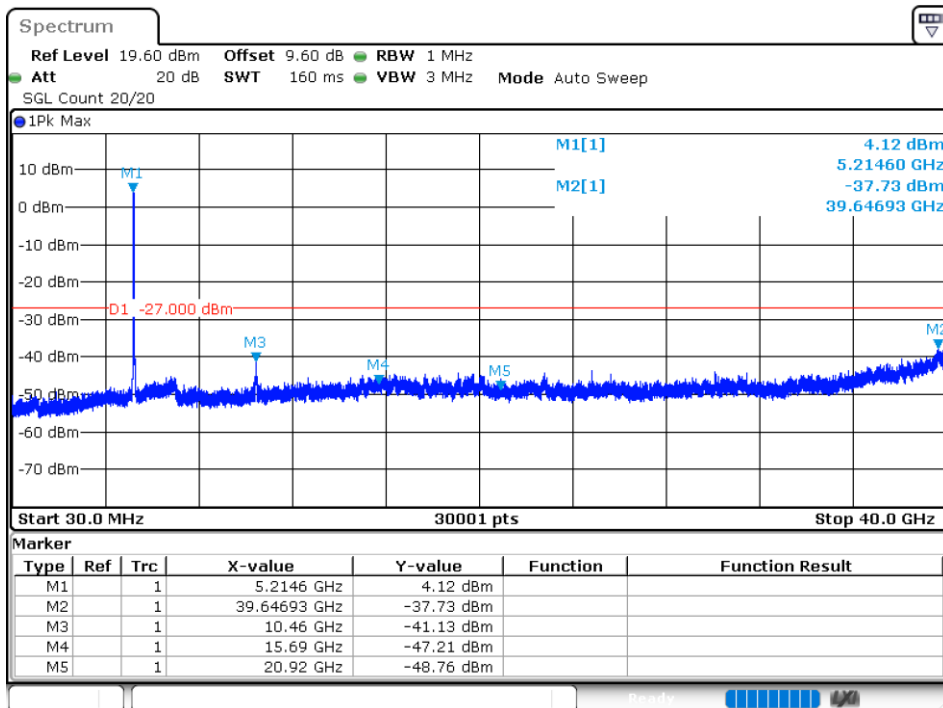
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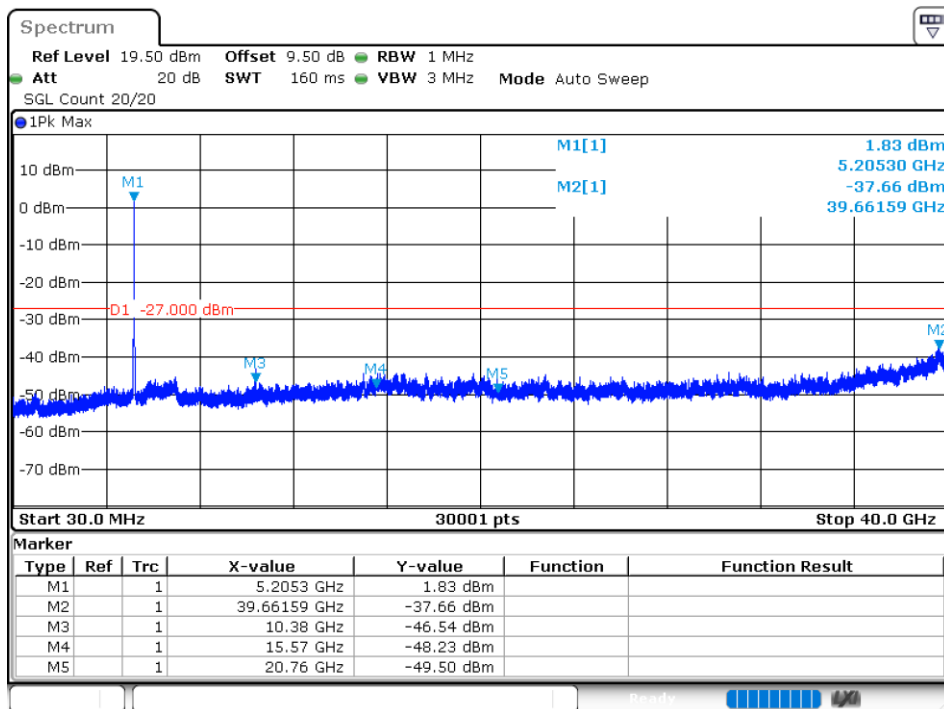
Tx. Spurious NVNT 802.11n(HT40) 5190MHz Ant 1 Emission



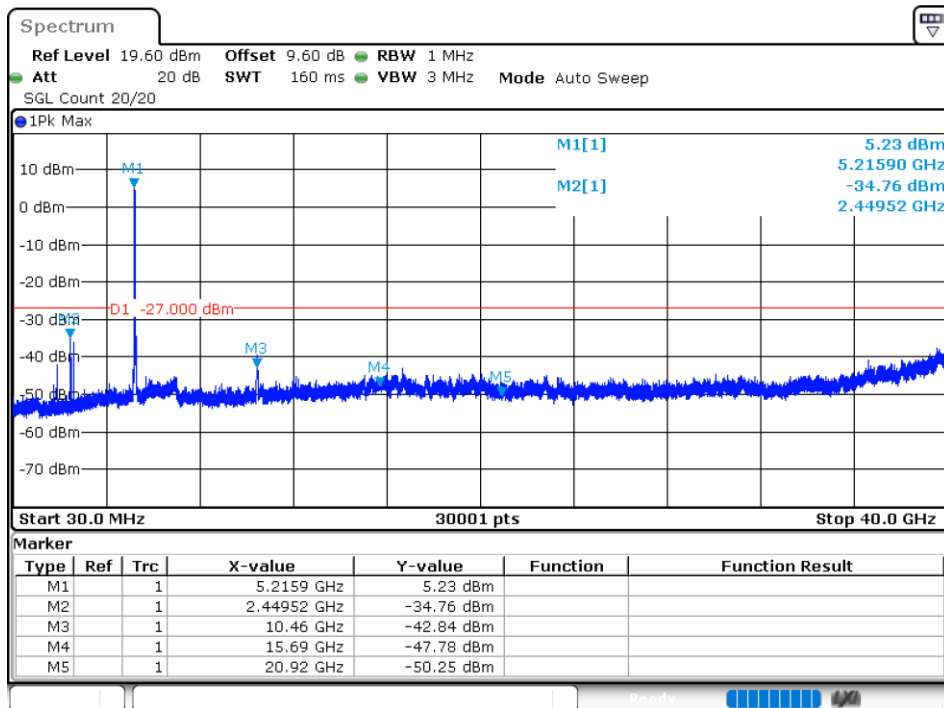
Tx. Spurious NVNT 802.11n(HT40) 5230MHz Ant 1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5190MHz Ant 2 Emission



Tx. Spurious NVNT 802.11n(HT40) 5230MHz Ant 2 Emission

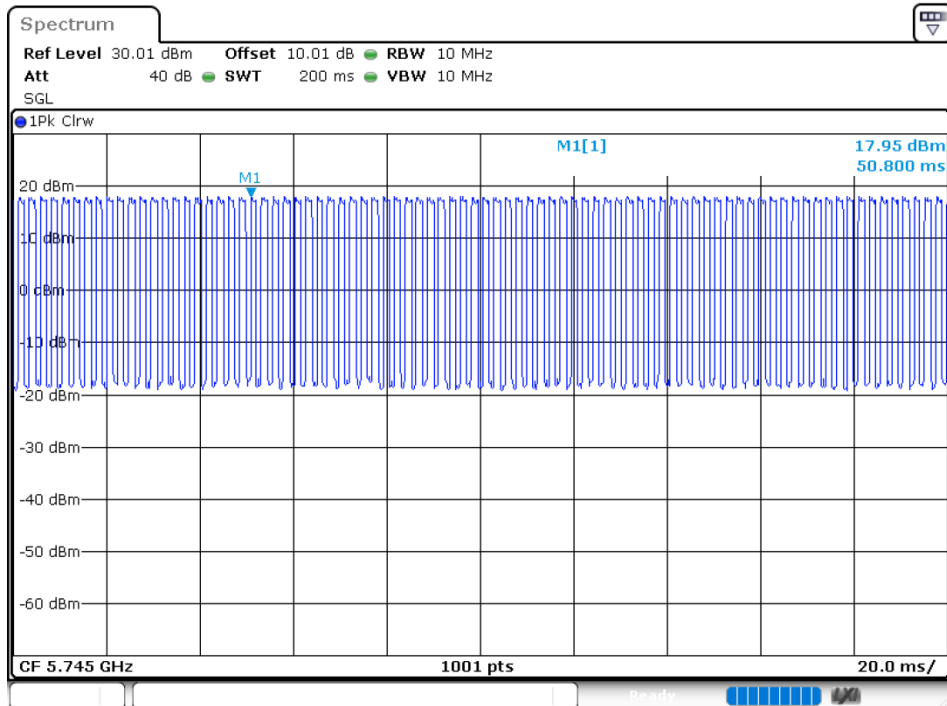


5.8G:

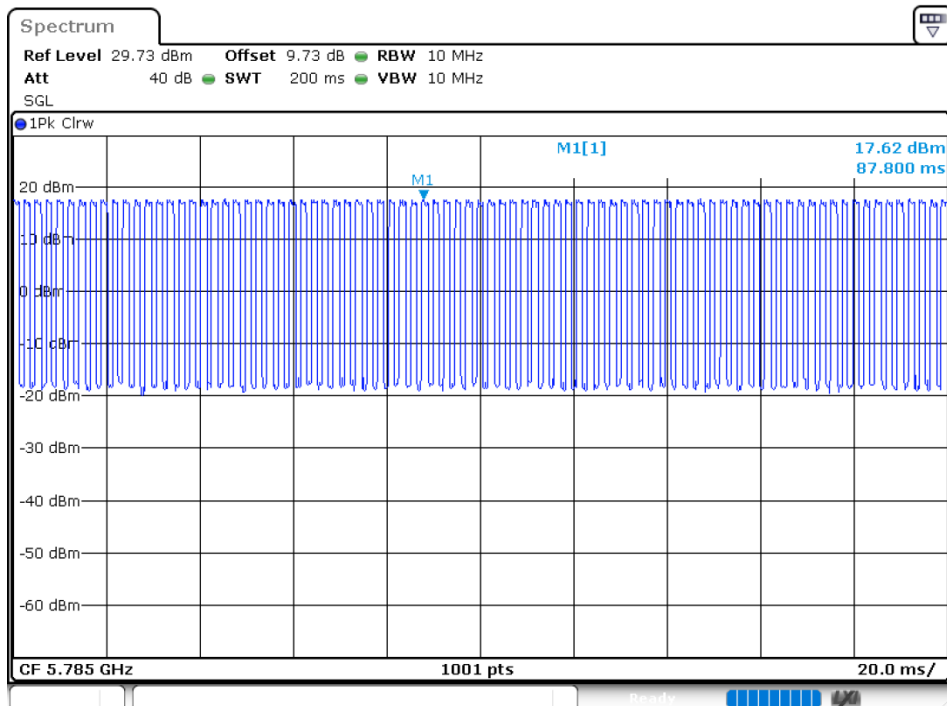
Duty Cycle

Antenna	Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
Ant 1	NVNT	802.11a	5745	100	0
Ant 1	NVNT	802.11a	5785	100	0
Ant 1	NVNT	802.11a	5825	100	0
Ant 2	NVNT	802.11a	5745	100	0
Ant 2	NVNT	802.11a	5785	100	0
Ant 2	NVNT	802.11a	5825	100	0
Ant 1	NVNT	802.11ac20	5745	100	0
Ant 1	NVNT	802.11ac20	5785	100	0
Ant 1	NVNT	802.11ac20	5825	100	0
Ant 2	NVNT	802.11ac20	5745	100	0
Ant 2	NVNT	802.11ac20	5785	100	0
Ant 2	NVNT	802.11ac20	5825	100	0
Ant 1	NVNT	802.11ac40	5755	100	0
Ant 1	NVNT	802.11ac40	5795	100	0
Ant 2	NVNT	802.11ac40	5755	100	0
Ant 2	NVNT	802.11ac40	5795	100	0
Ant 1	NVNT	802.11ac80	5775	100	0
Ant 2	NVNT	802.11ac80	5775	100	0
Ant 1	NVNT	802.11n(HT20)	5745	100	0
Ant 1	NVNT	802.11n(HT20)	5785	100	0
Ant 1	NVNT	802.11n(HT20)	5825	100	0
Ant 2	NVNT	802.11n(HT20)	5745	100	0
Ant 2	NVNT	802.11n(HT20)	5785	100	0
Ant 2	NVNT	802.11n(HT20)	5825	100	0
Ant 1	NVNT	802.11n(HT40)	5755	100	0
Ant 1	NVNT	802.11n(HT40)	5795	100	0
Ant 2	NVNT	802.11n(HT40)	5755	100	0
Ant 2	NVNT	802.11n(HT40)	5795	100	0

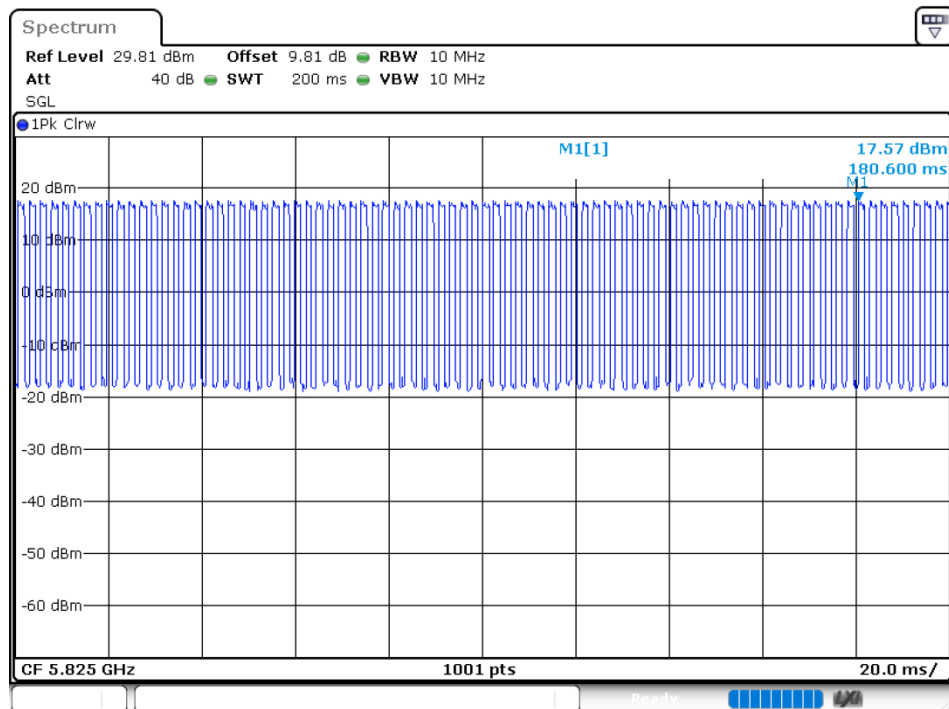
Duty Cycle NVNT 802.11a 5745MHz Ant 1



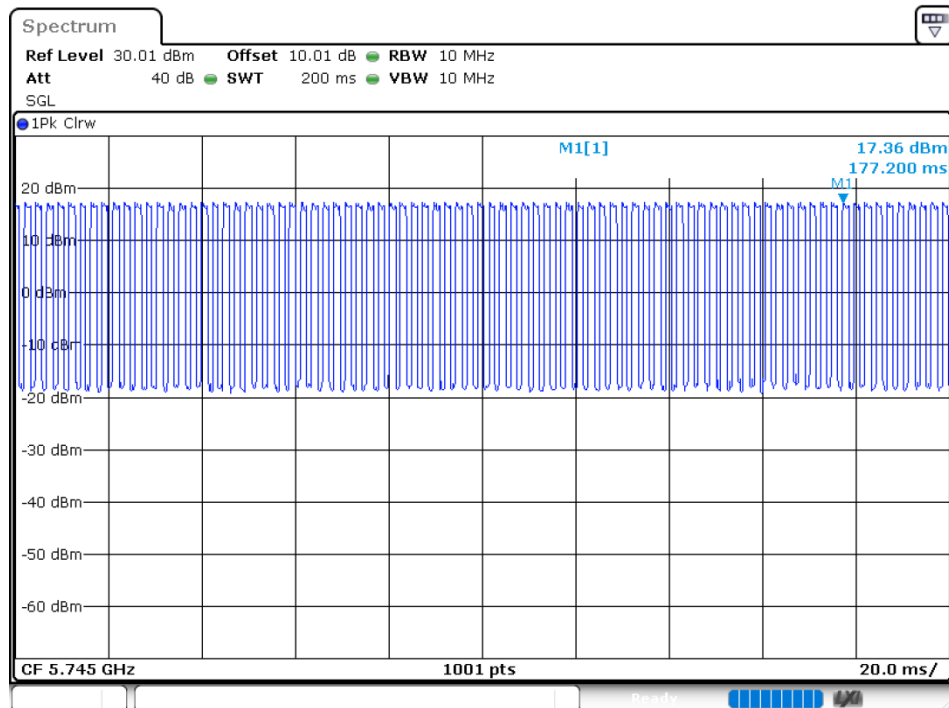
Duty Cycle NVNT 802.11a 5785MHz Ant 1



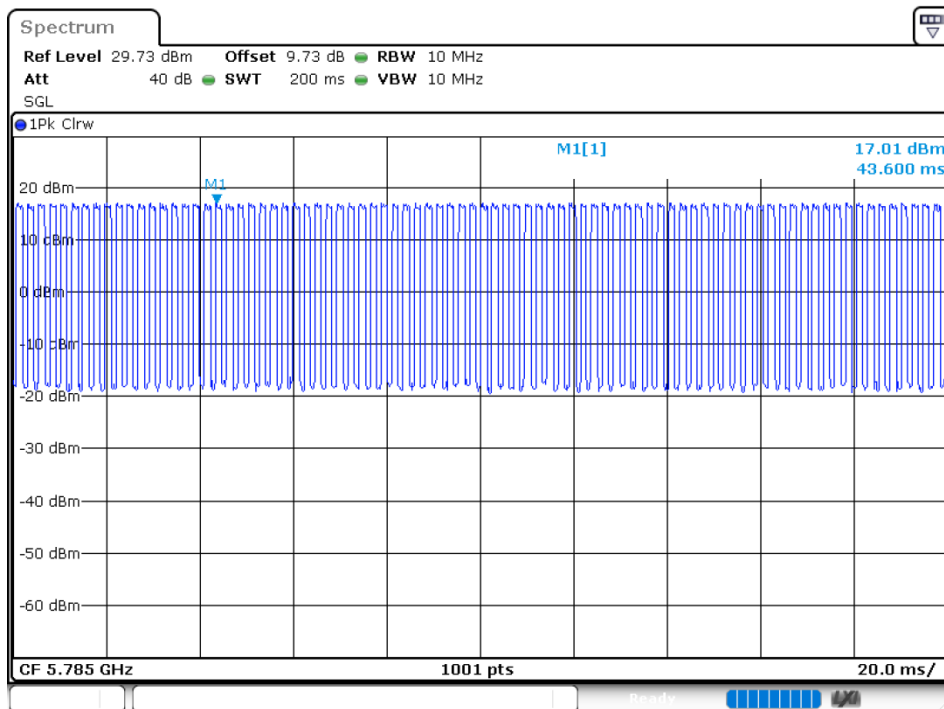
Duty Cycle NVNT 802.11a 5825MHz Ant 1



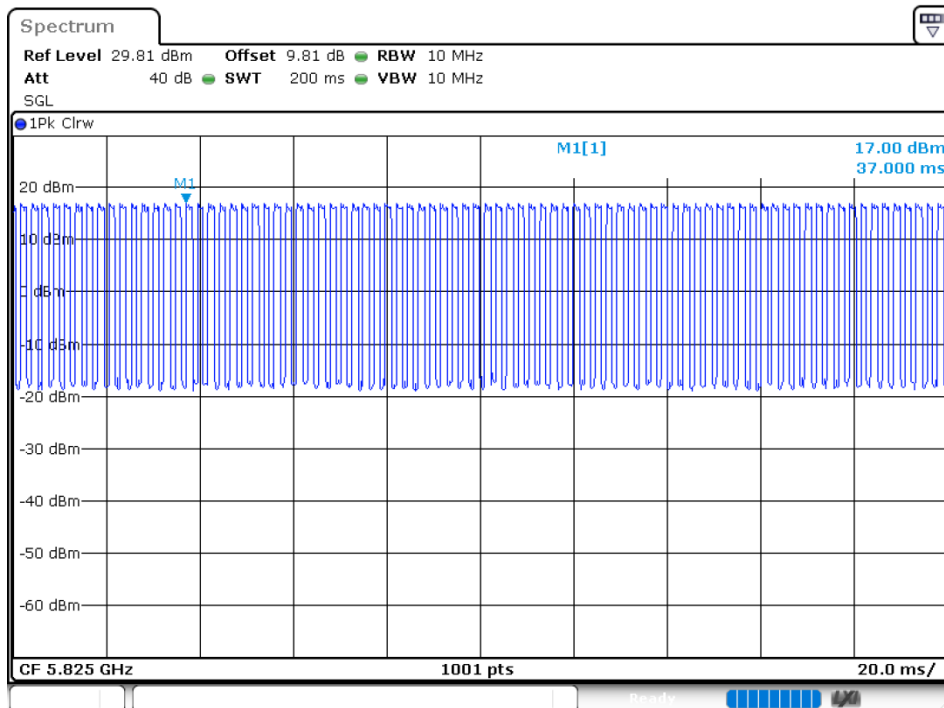
Duty Cycle NVNT 802.11a 5745MHz Ant 2



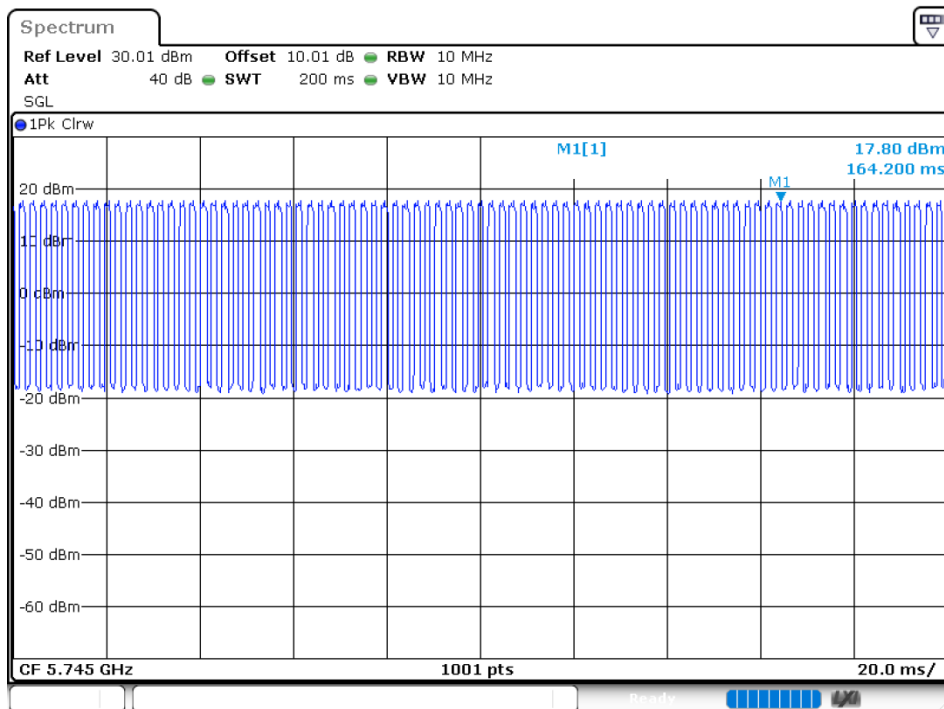
Duty Cycle NVNT 802.11a 5785MHz Ant 2



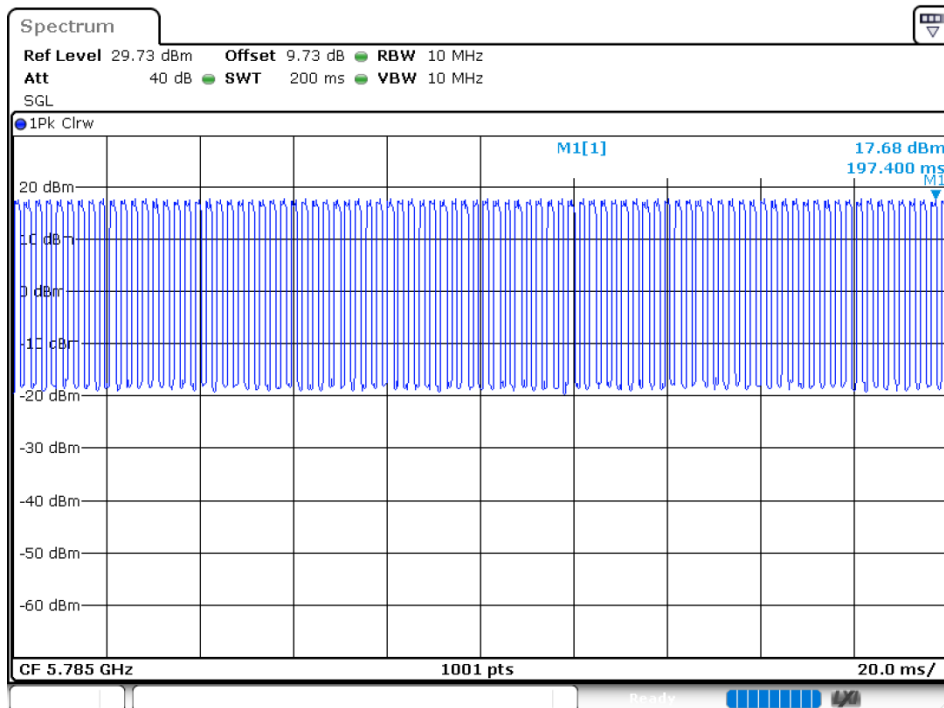
Duty Cycle NVNT 802.11a 5825MHz Ant 2



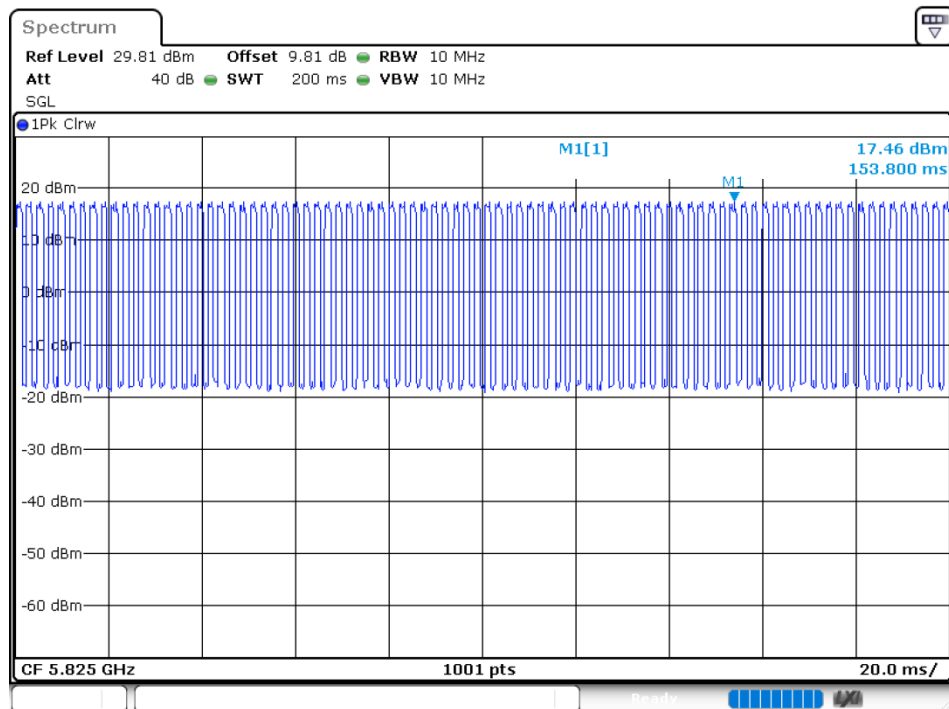
Duty Cycle NVNT 802.11ac20 5745MHz Ant 1



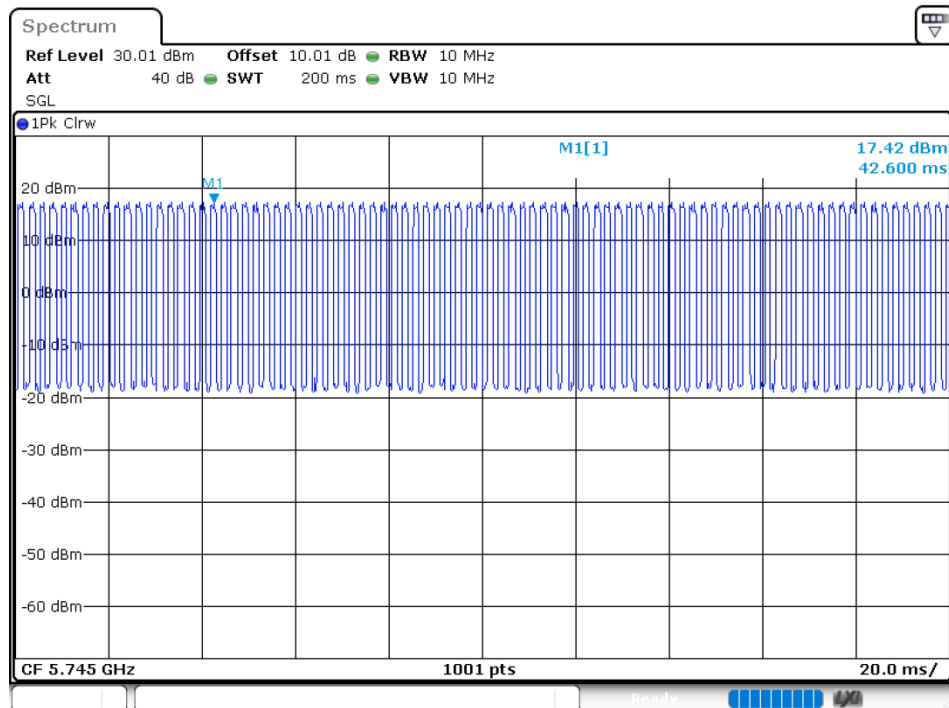
Duty Cycle NVNT 802.11ac20 5785MHz Ant 1



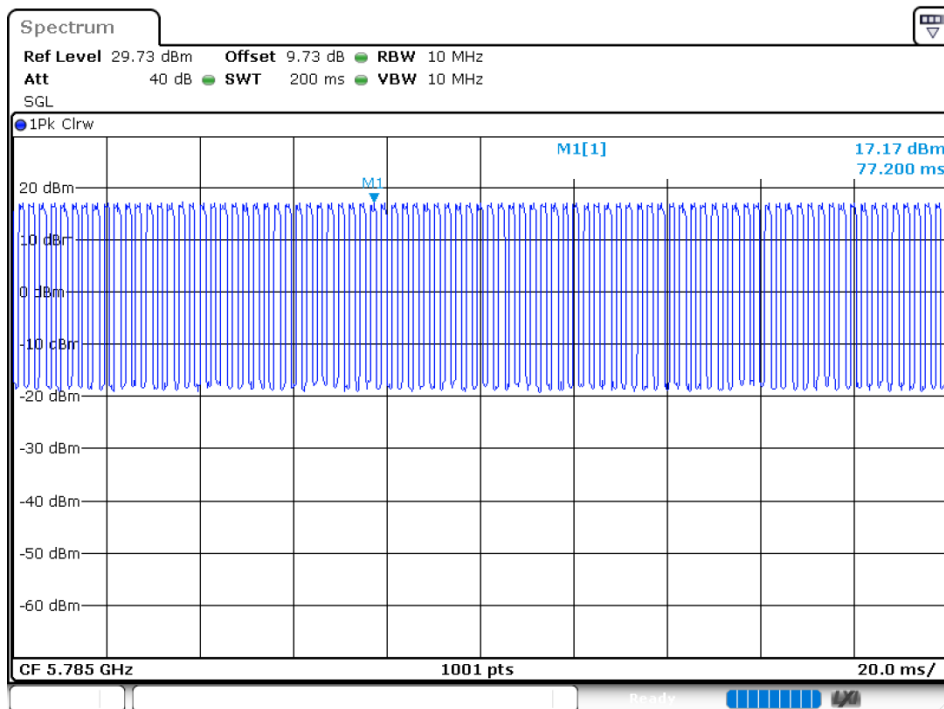
Duty Cycle NVNT 802.11ac20 5825MHz Ant 1



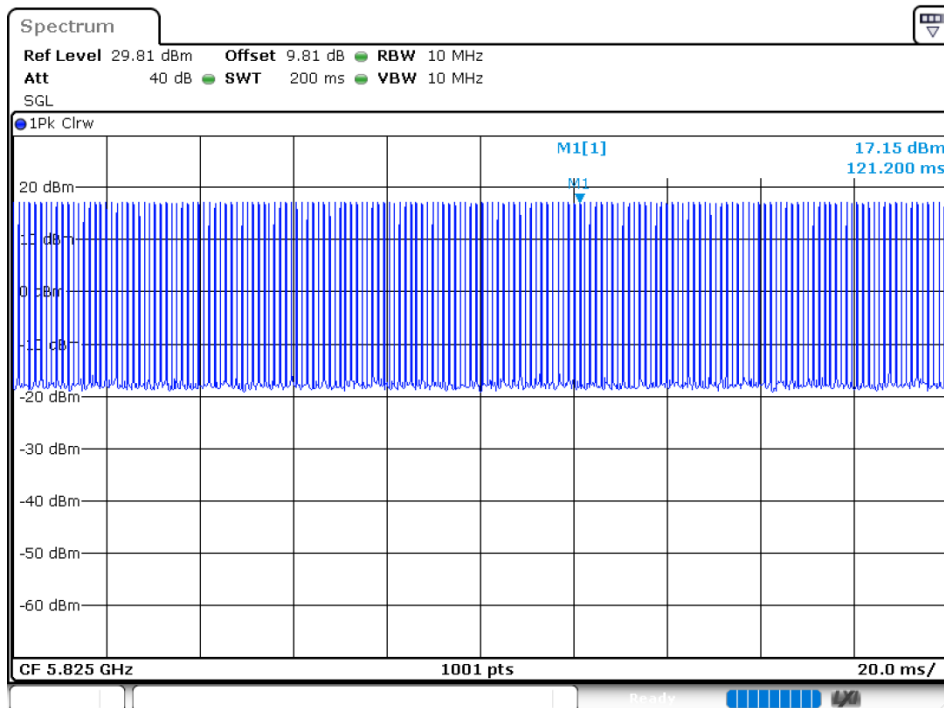
Duty Cycle NVNT 802.11ac20 5745MHz Ant 2



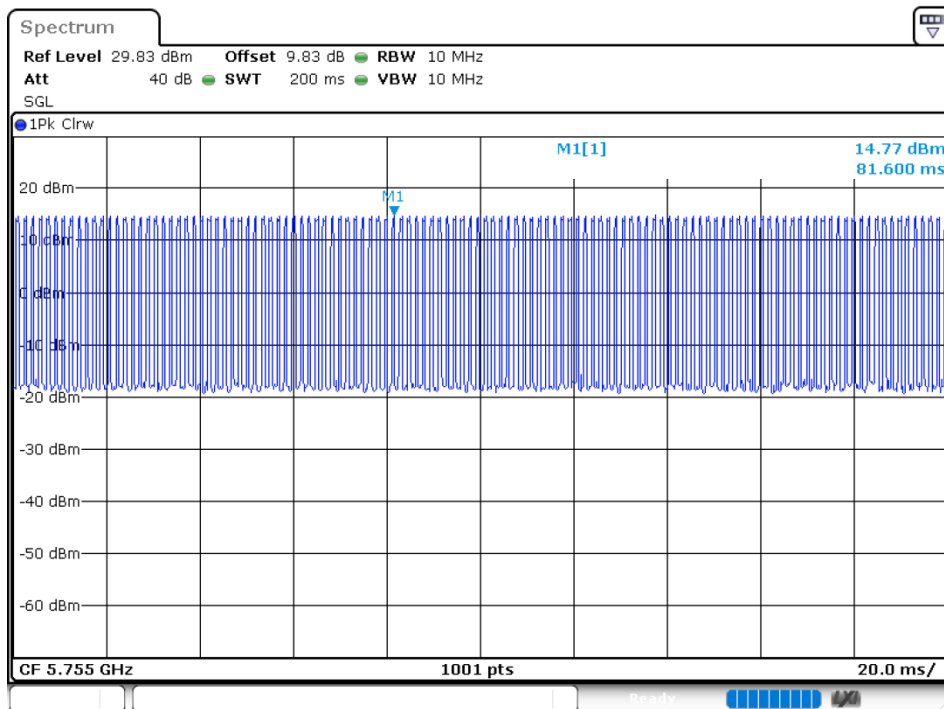
Duty Cycle NVNT 802.11ac20 5785MHz Ant 2



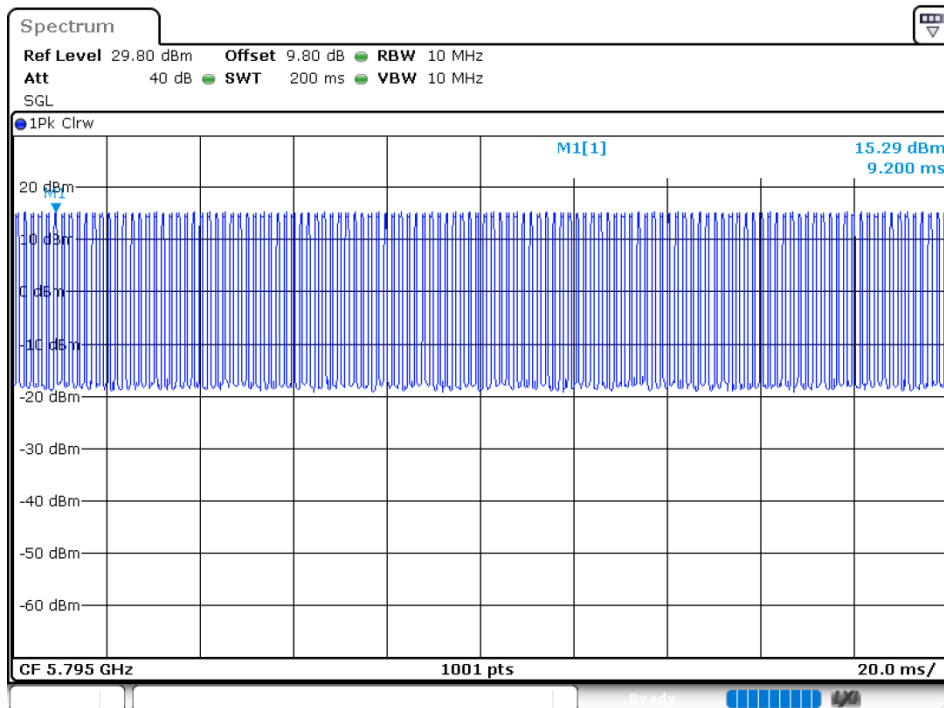
Duty Cycle NVNT 802.11ac20 5825MHz Ant 2



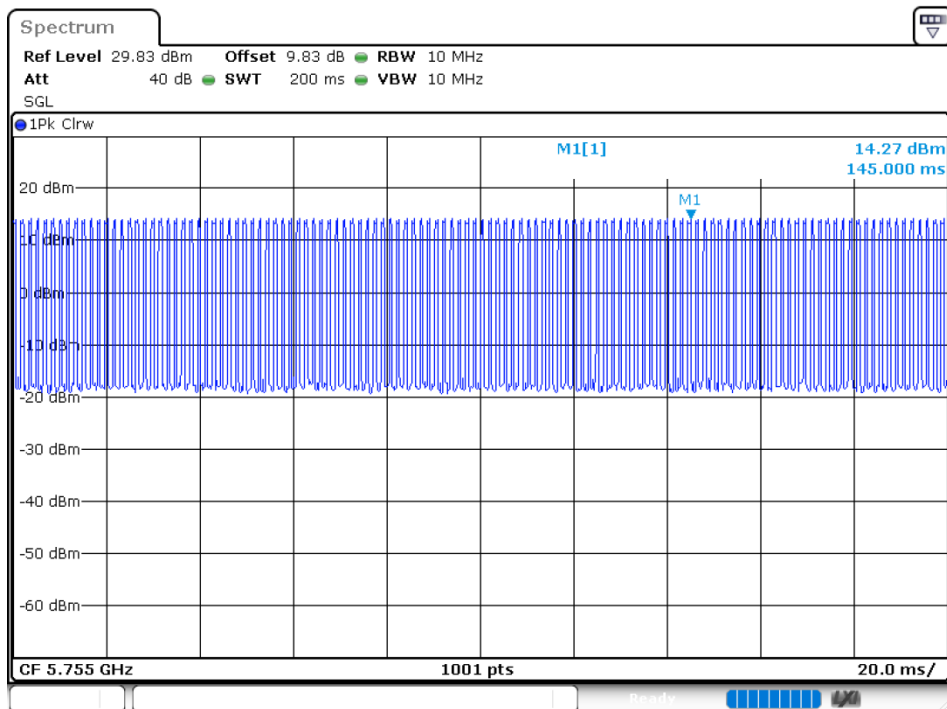
Duty Cycle NVNT 802.11ac40 5755MHz Ant 1



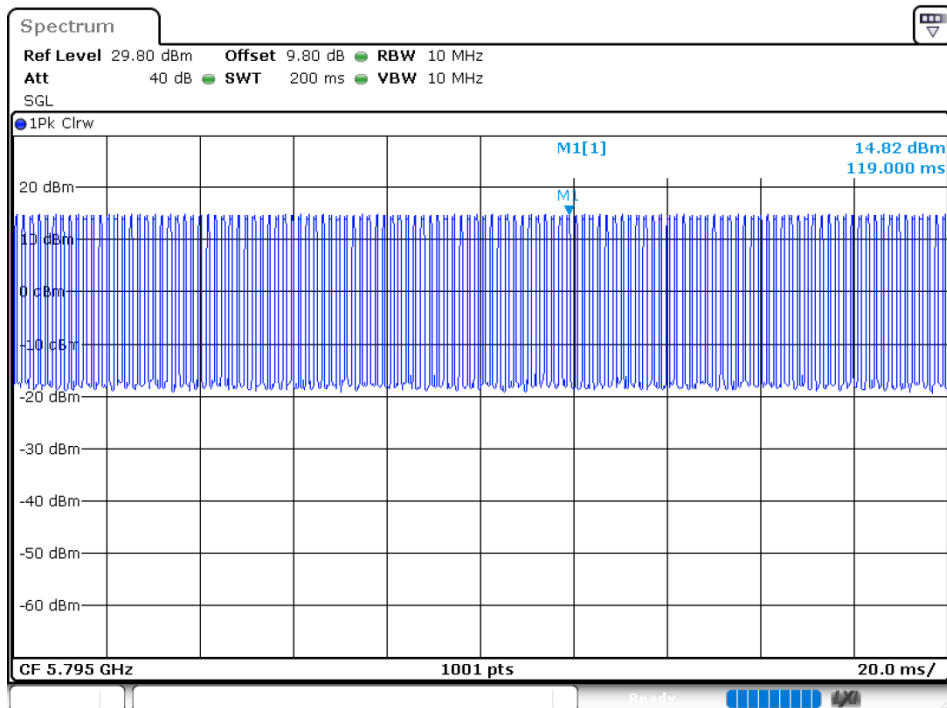
Duty Cycle NVNT 802.11ac40 5795MHz Ant 1



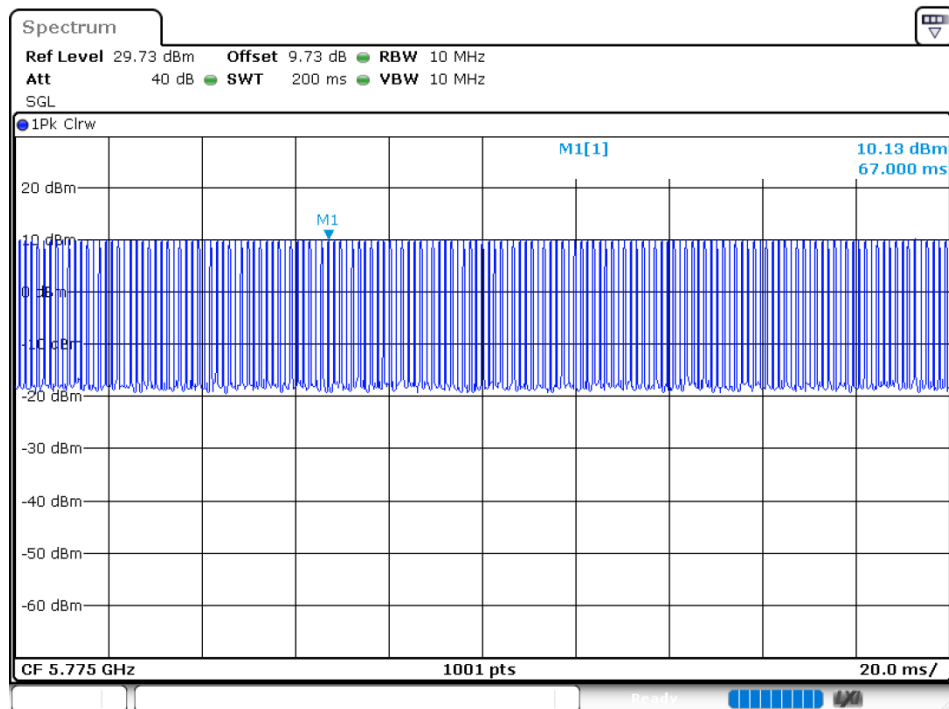
Duty Cycle NVNT 802.11ac40 5755MHz Ant 2



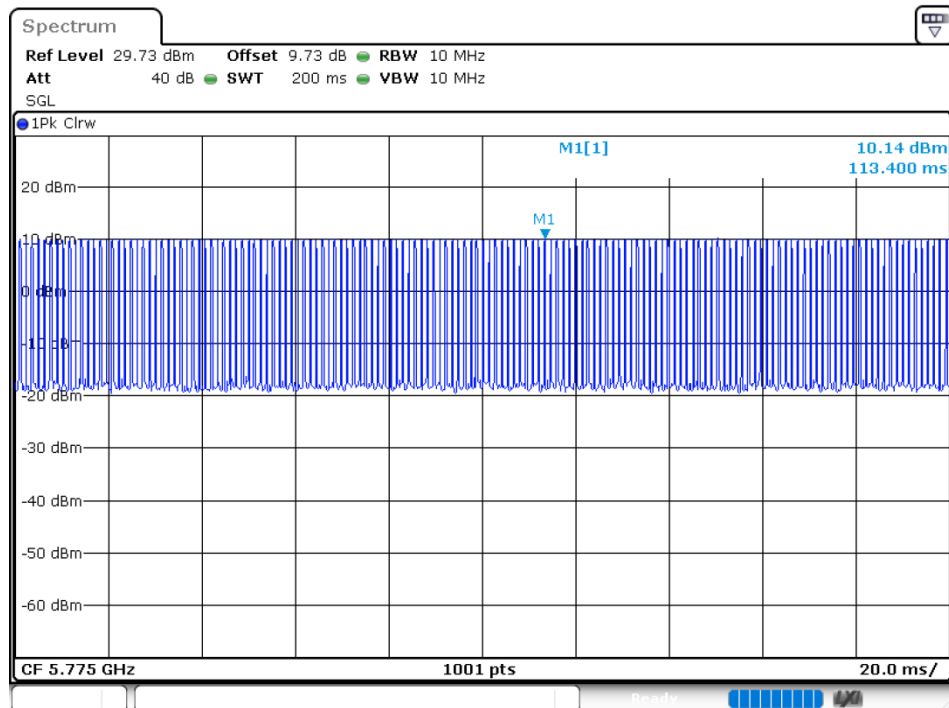
Duty Cycle NVNT 802.11ac40 5795MHz Ant 2



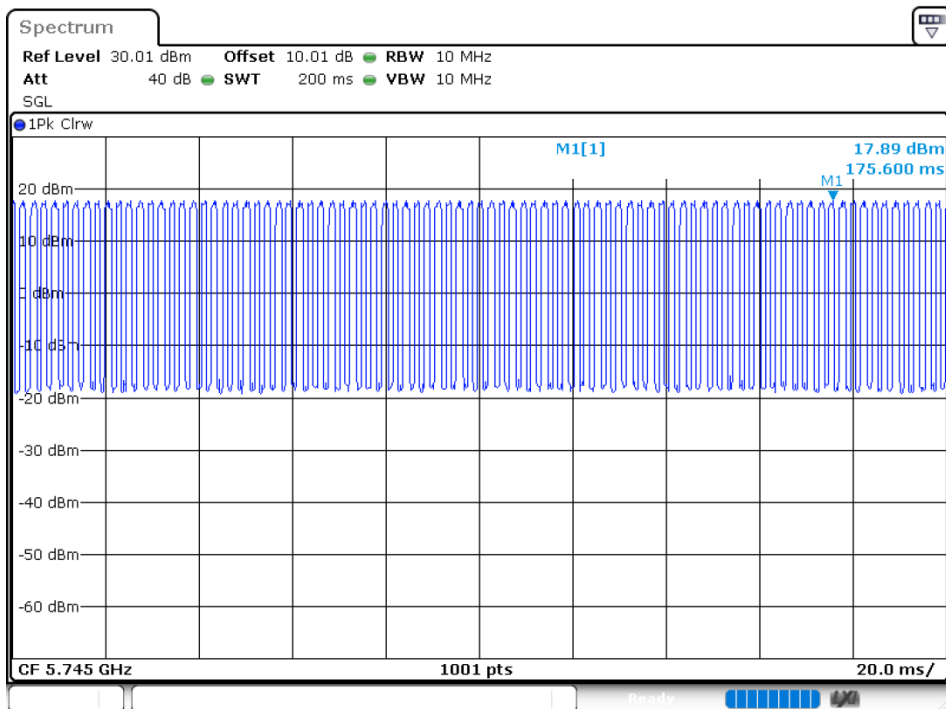
Duty Cycle NVNT 802.11ac80 5775MHz Ant 1



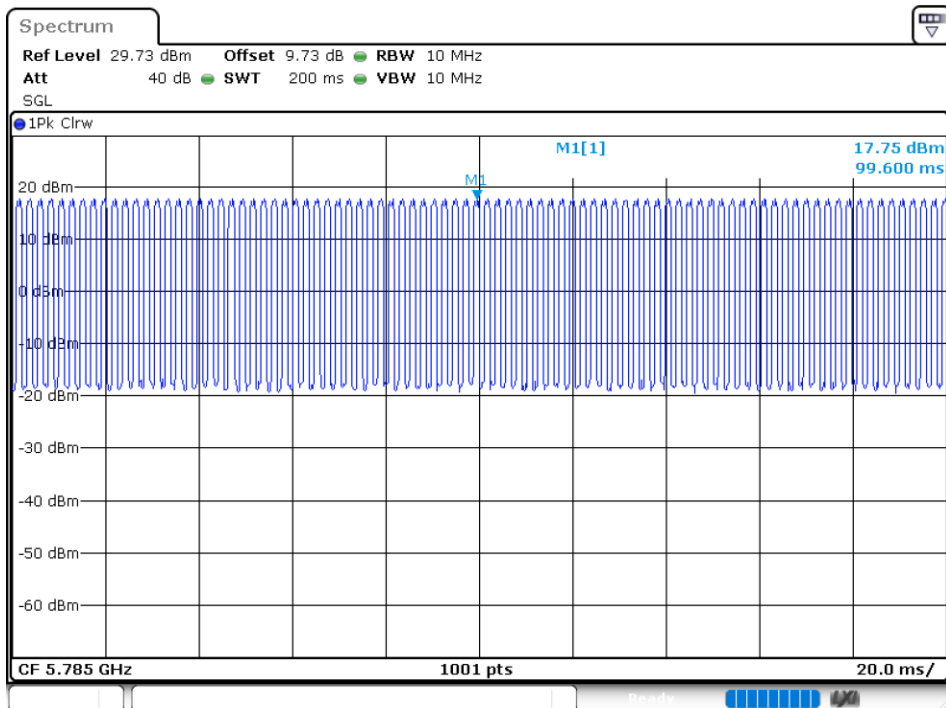
Duty Cycle NVNT 802.11ac80 5775MHz Ant 2



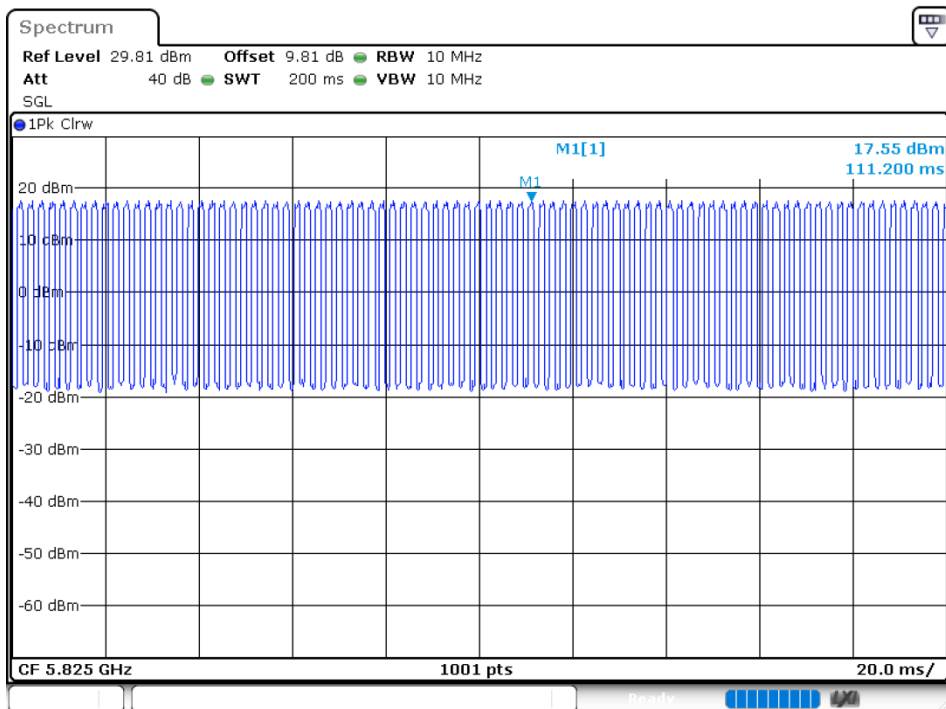
Duty Cycle NVNT 802.11n(HT20) 5745MHz Ant 1



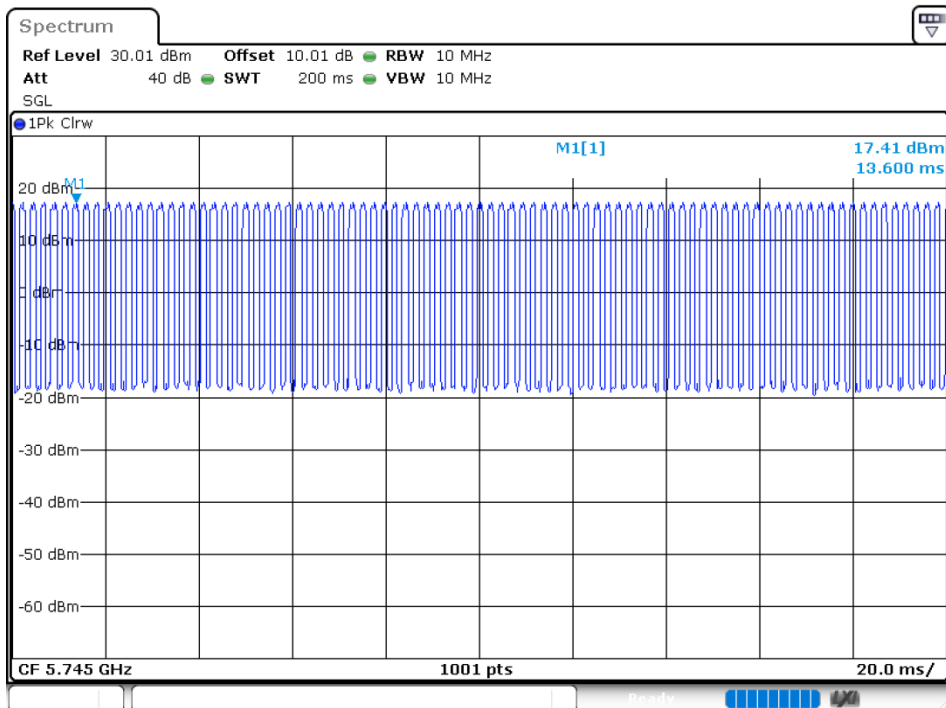
Duty Cycle NVNT 802.11n(HT20) 5785MHz Ant 1



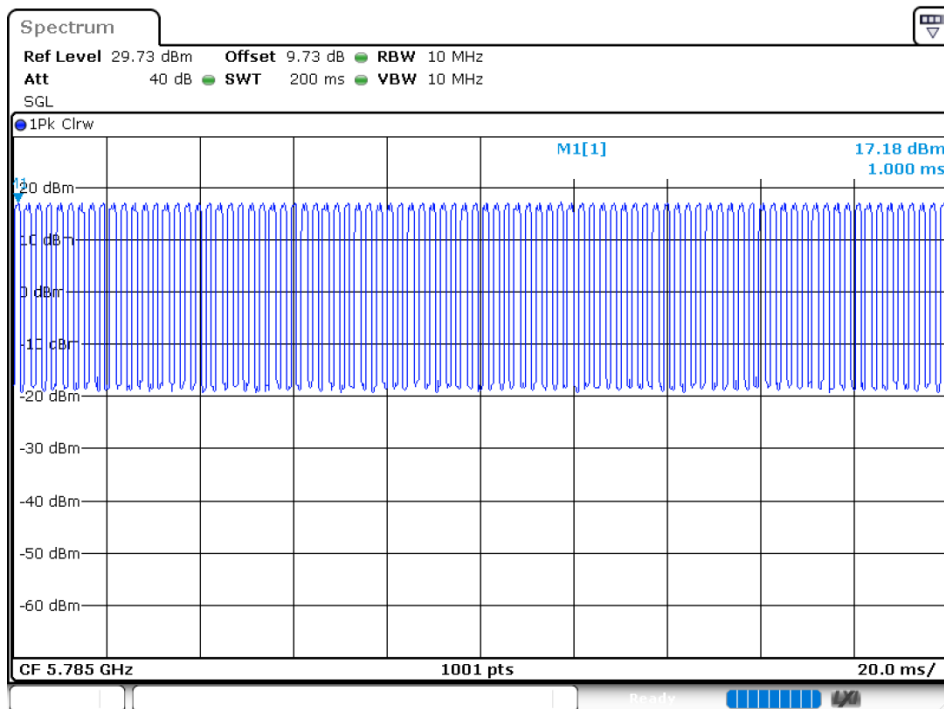
Duty Cycle NVNT 802.11n(HT20) 5825MHz Ant 1



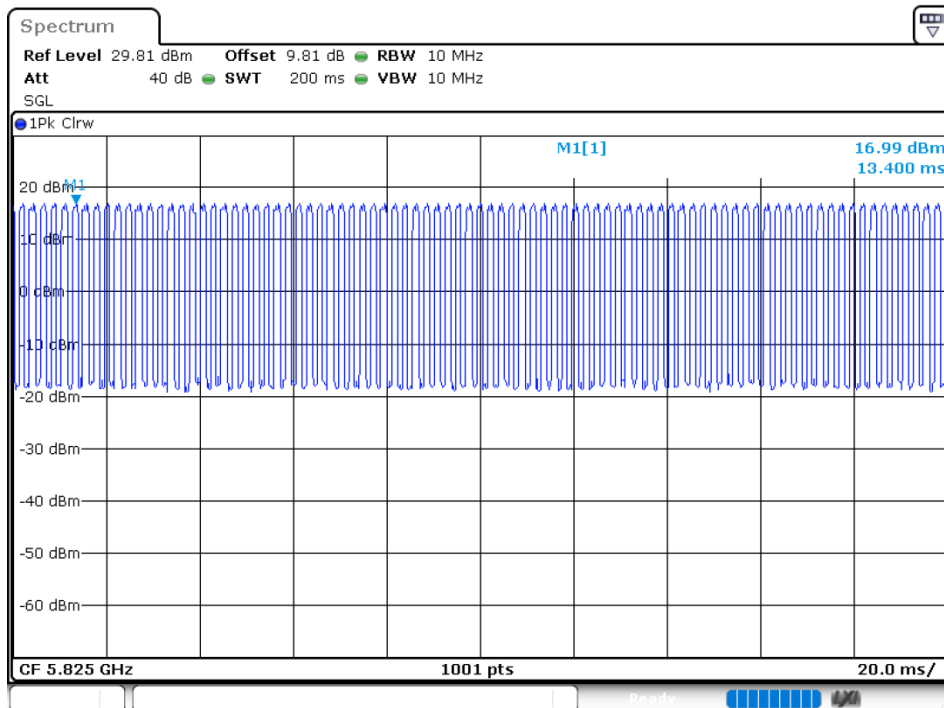
Duty Cycle NVNT 802.11n(HT20) 5745MHz Ant 2



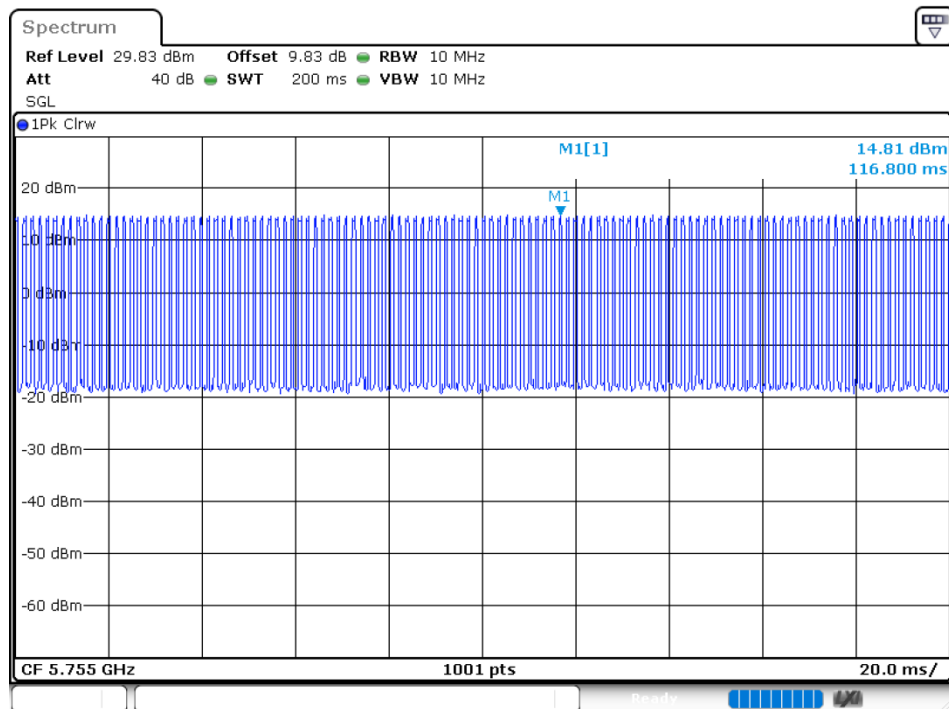
Duty Cycle NVNT 802.11n(HT20) 5785MHz Ant 2



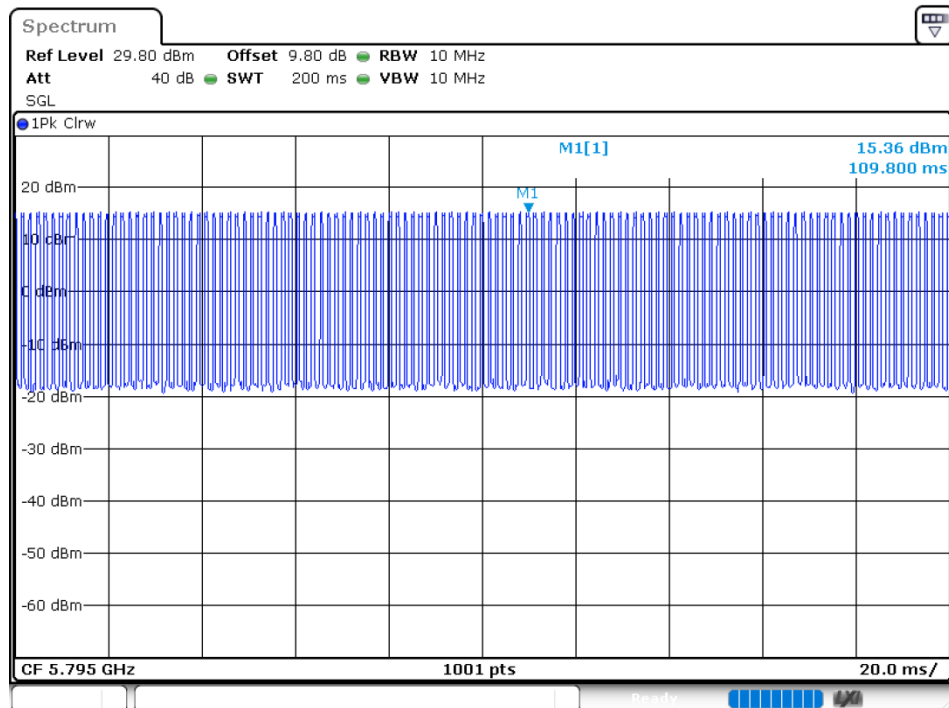
Duty Cycle NVNT 802.11n(HT20) 5825MHz Ant 2



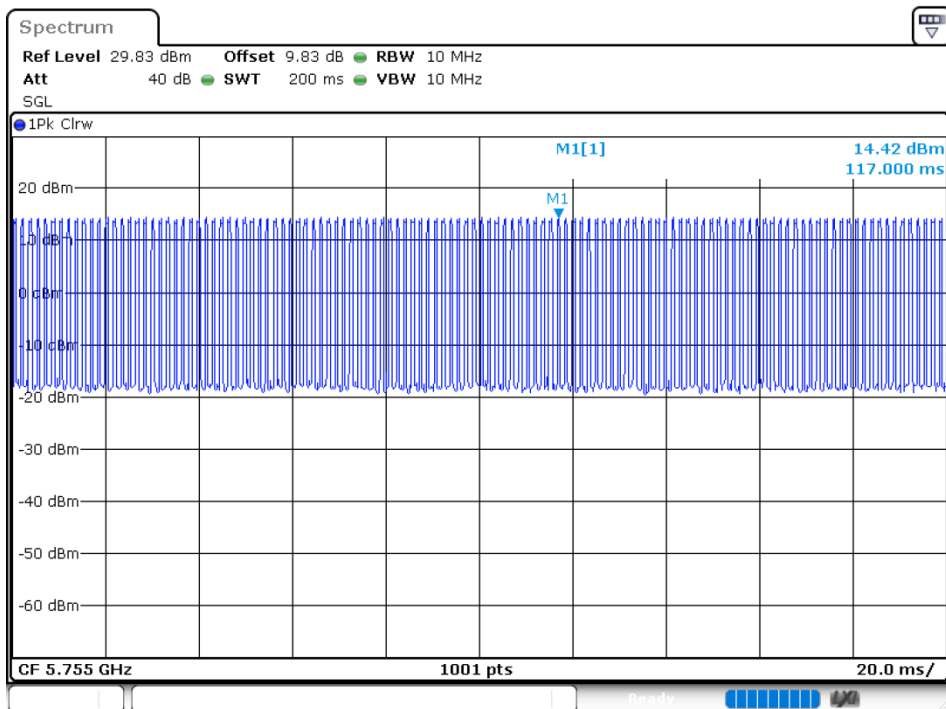
Duty Cycle NVNT 802.11n(HT40) 5755MHz Ant 1



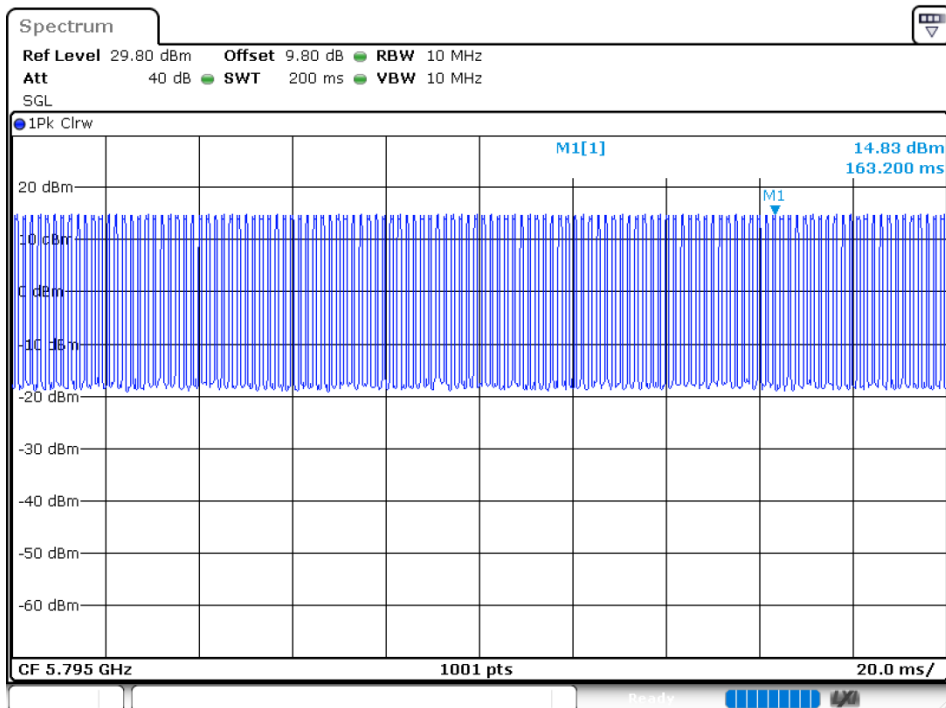
Duty Cycle NVNT 802.11n(HT40) 5795MHz Ant 1



Duty Cycle NVNT 802.11n(HT40) 5755MHz Ant 2



Duty Cycle NVNT 802.11n(HT40) 5795MHz Ant 2



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	SISO Total Power (dBm)	SISO Limit (dBm)	MIMO Total Power (dBm)	MIMO Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	10.76	0	10.76	30	N/A	N/A	Pass
NVNT	802.11a	5785	Ant 1	10.22	0	10.22	30	N/A	N/A	Pass
NVNT	802.11a	5825	Ant 1	9.93	0	9.93	30	N/A	N/A	Pass
NVNT	802.11a	5745	Ant 2	9.93	0	9.93	30	N/A	N/A	Pass
NVNT	802.11a	5785	Ant 2	9.41	0	9.41	30	N/A	N/A	Pass
NVNT	802.11a	5825	Ant 2	9.12	0	9.12	30	N/A	N/A	Pass
NVNT	802.11ac20	5745	Ant 1	10.49	0	10.49	30	13.22	30	Pass
NVNT	802.11ac20	5745	Ant 2	9.92	0	9.92	30			
NVNT	802.11ac20	5785	Ant 1	9.99	0	9.99	30	12.72	30	Pass
NVNT	802.11ac20	5785	Ant 2	9.4	0	9.4	30			
NVNT	802.11ac20	5825	Ant 1	9.77	0	9.77	30	13.10	30	Pass
NVNT	802.11ac20	5825	Ant 2	10.39	0	10.39	30			
NVNT	802.11ac40	5755	Ant 1	10.35	0	10.35	30	13.10	30	Pass
NVNT	802.11ac40	5755	Ant 2	9.82	0	9.82	30			
NVNT	802.11ac40	5795	Ant 1	10.23	0	10.23	30	13.01	30	Pass
NVNT	802.11ac40	5795	Ant 2	9.76	0	9.76	30			
NVNT	802.11ac80	5775	Ant 1	9.84	0	9.84	30	12.85	30	Pass
NVNT	802.11ac80	5775	Ant 2	9.84	0	9.84	30			
NVNT	802.11n(HT20)	5745	Ant 1	10.63	0	10.63	30	13.28	30	Pass
NVNT	802.11n(HT20)	5745	Ant 2	9.88	0	9.88	30			
NVNT	802.11n(HT20)	5785	Ant 1	10.08	0	10.08	30	12.76	30	Pass
NVNT	802.11n(HT20)	5785	Ant 2	9.39	0	9.39	30			
NVNT	802.11n(HT20)	5825	Ant 1	9.82	0	9.82	30	12.51	30	Pass
NVNT	802.11n(HT20)	5825	Ant 2	9.16	0	9.16	30			
NVNT	802.11n(HT40)	5755	Ant 1	10.39	0	10.39	30	13.16	30	Pass
NVNT	802.11n(HT40)	5755	Ant 2	9.89	0	9.89	30			
NVNT	802.11n(HT40)	5795	Ant 1	10.29	0	10.29	30	13.05	30	Pass
NVNT	802.11n(HT40)	5795	Ant 2	9.77	0	9.77	30			