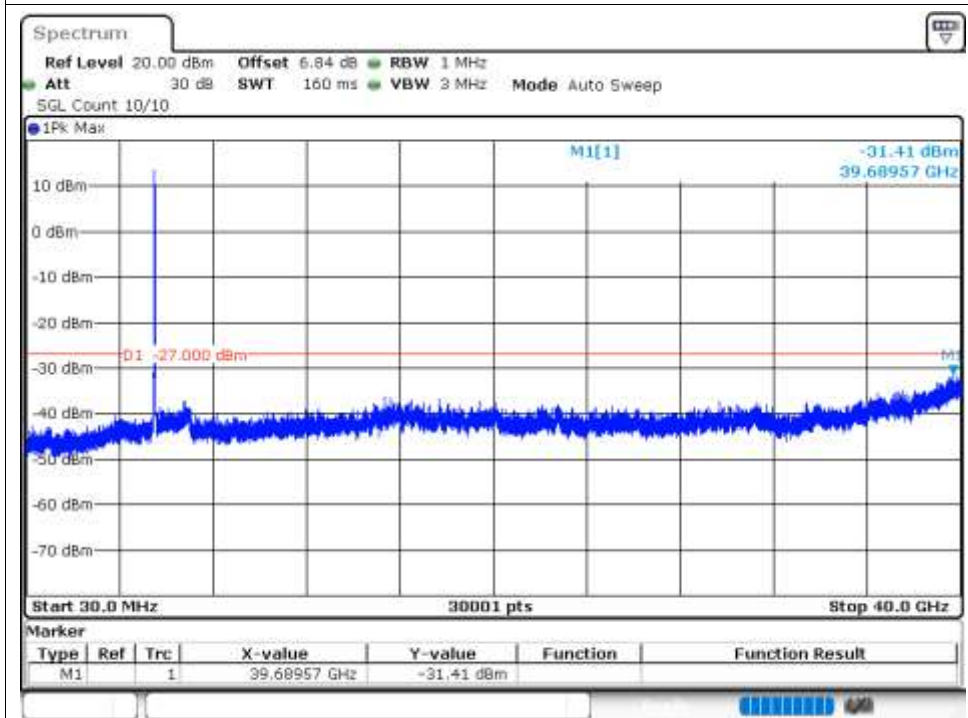
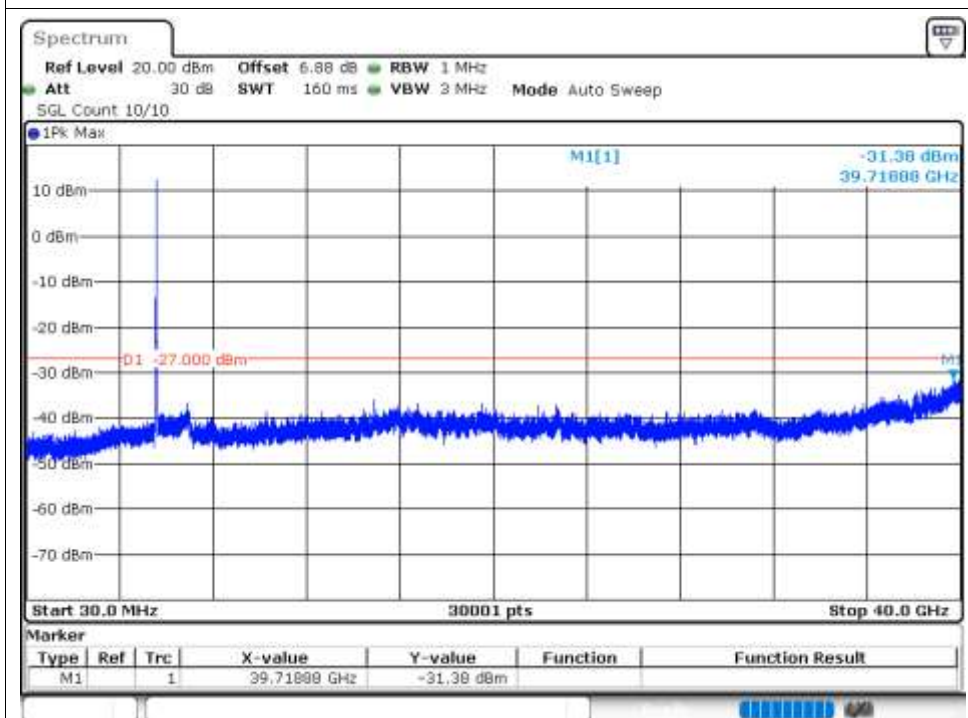
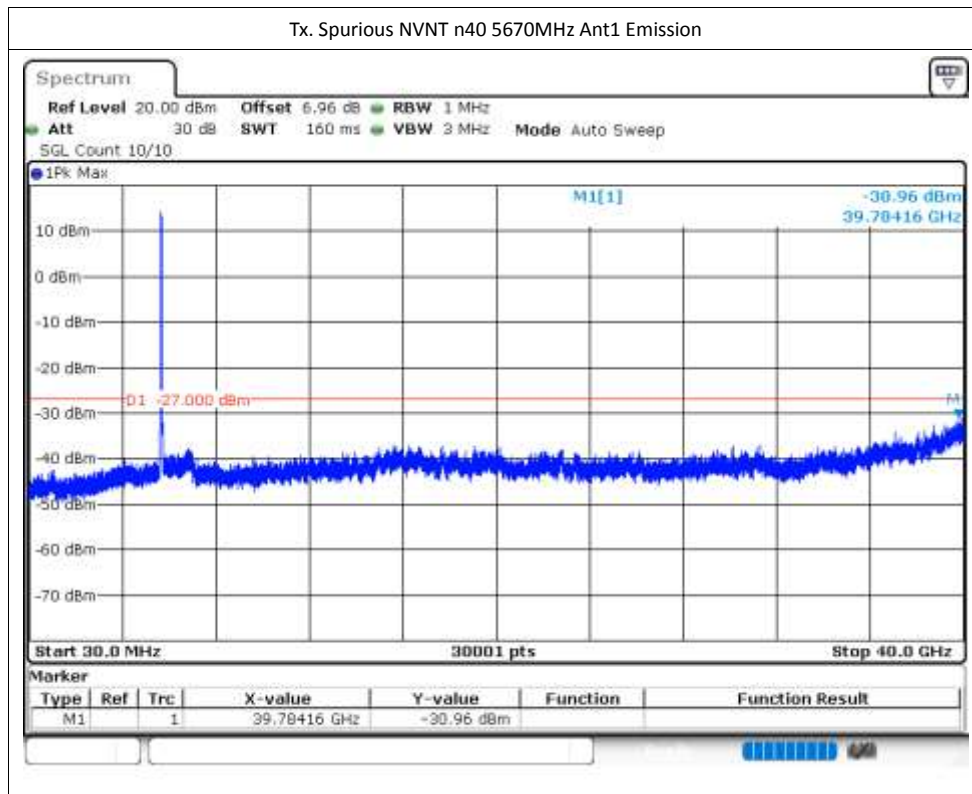


Tx. Spurious NVNT n40 5510MHz Ant1 Emission



Tx. Spurious NVNT n40 5590MHz Ant1 Emission





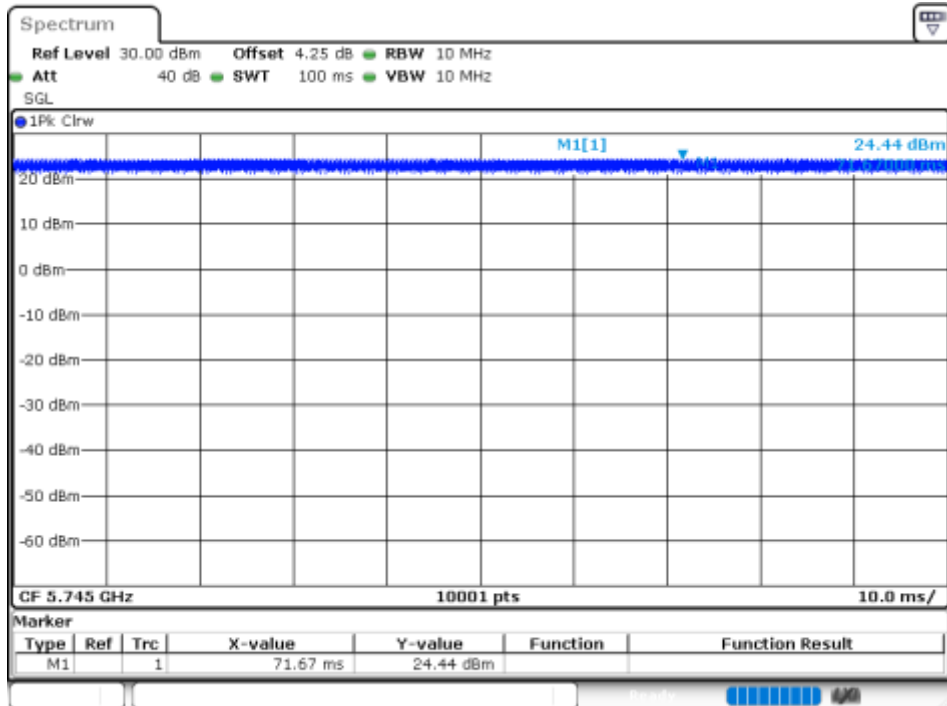
5.8G WIFI

Duty Cycle

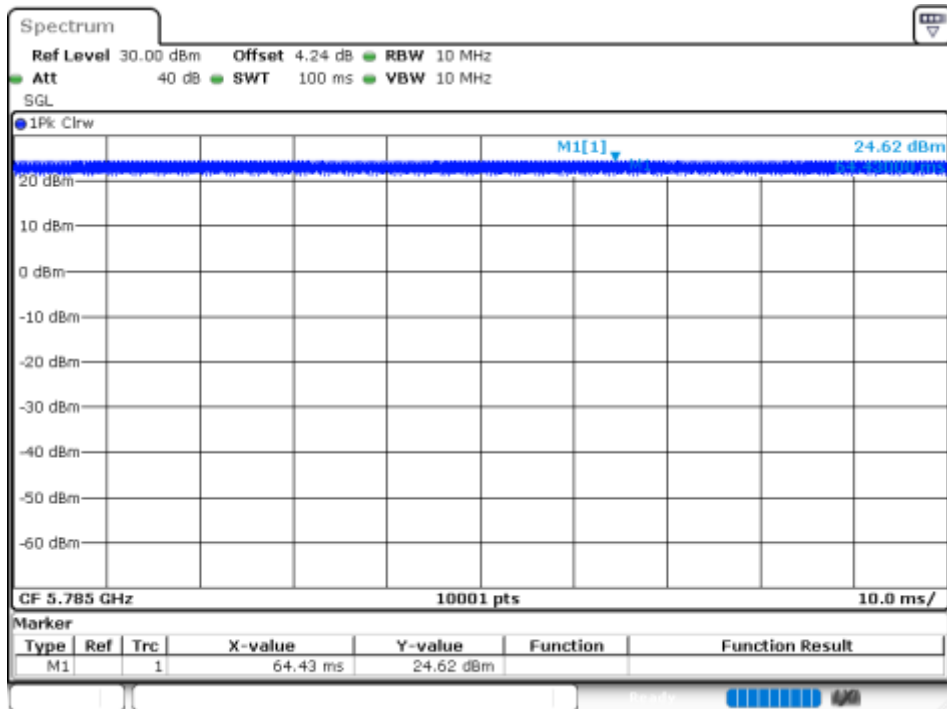
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	100	0	0
NVNT	a	5785	Ant1	100	0	0
NVNT	a	5825	Ant1	100	0	0
NVNT	n20	5745	Ant1	100	0	0
NVNT	n20	5785	Ant1	100	0	0
NVNT	n20	5825	Ant1	100	0	0
NVNT	n40	5755	Ant1	100	0	0
NVNT	n40	5795	Ant1	100	0	0

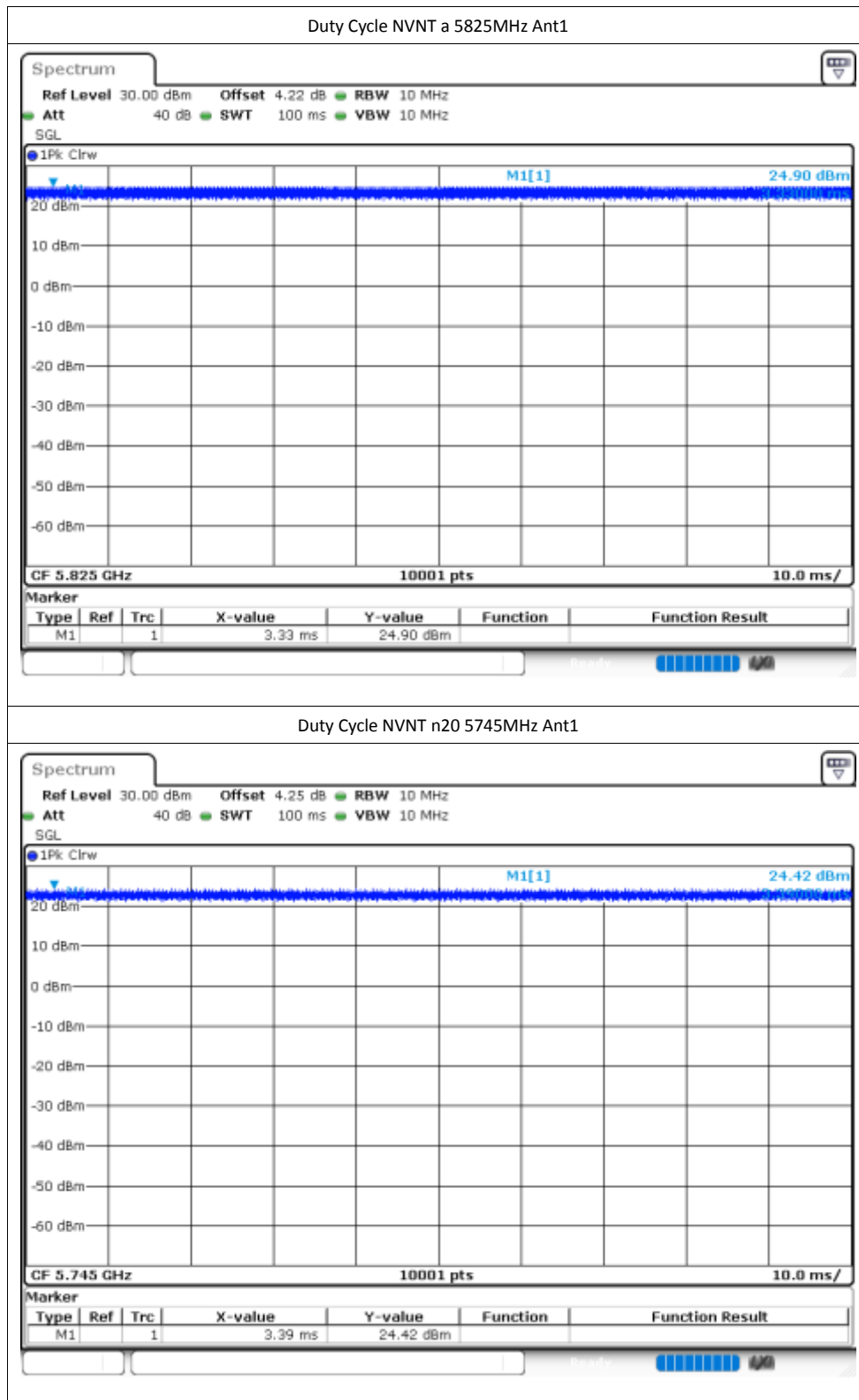
Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

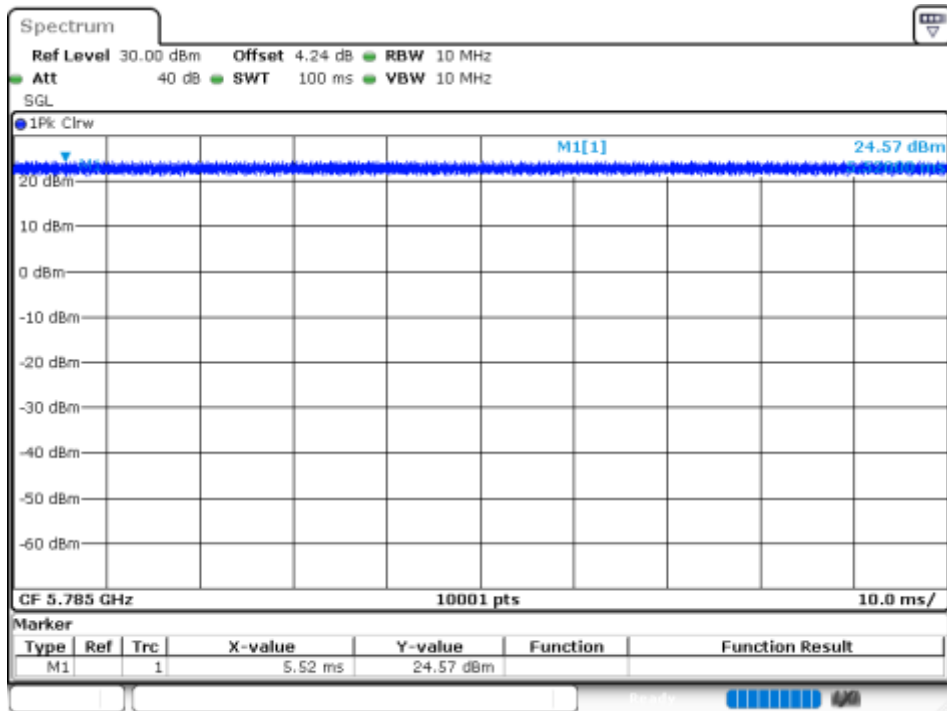


Duty Cycle NVNT a 5785MHz Ant1

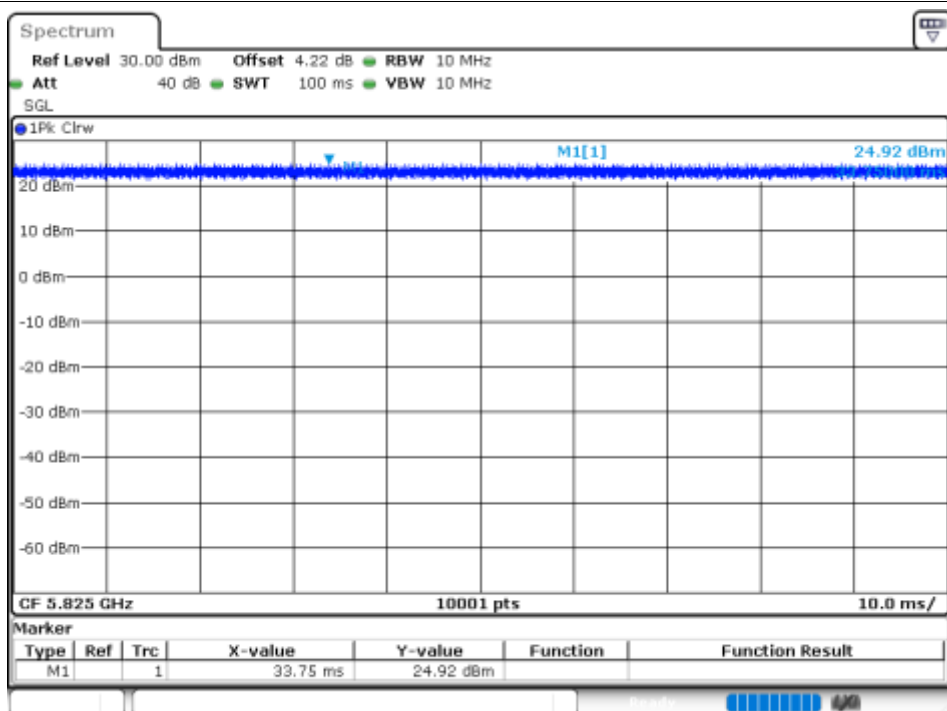




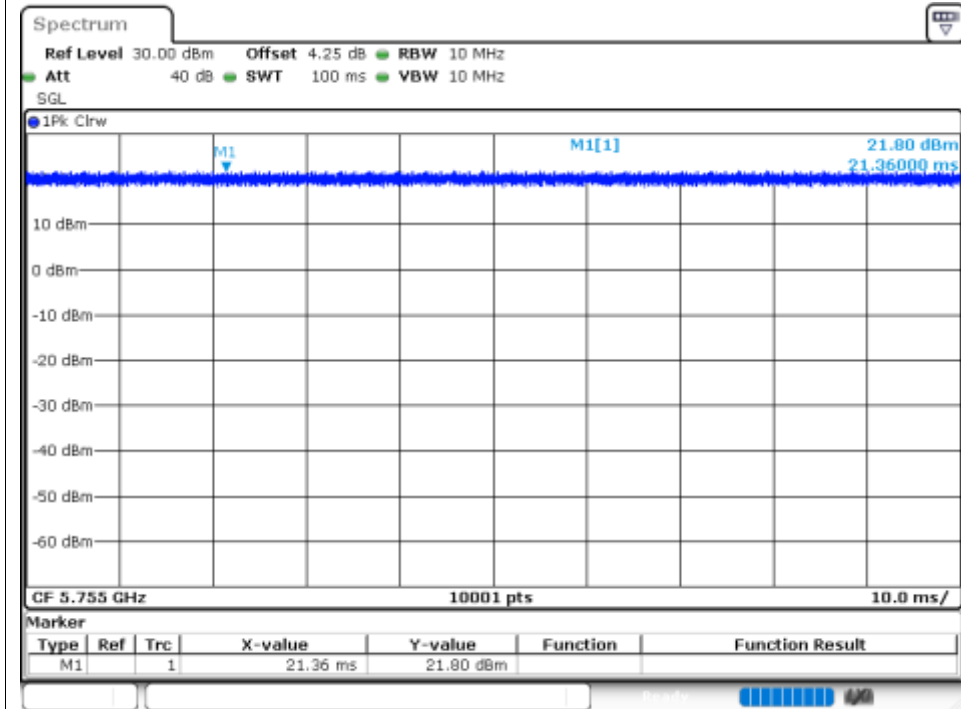
Duty Cycle NVNT n20 5785MHz Ant1



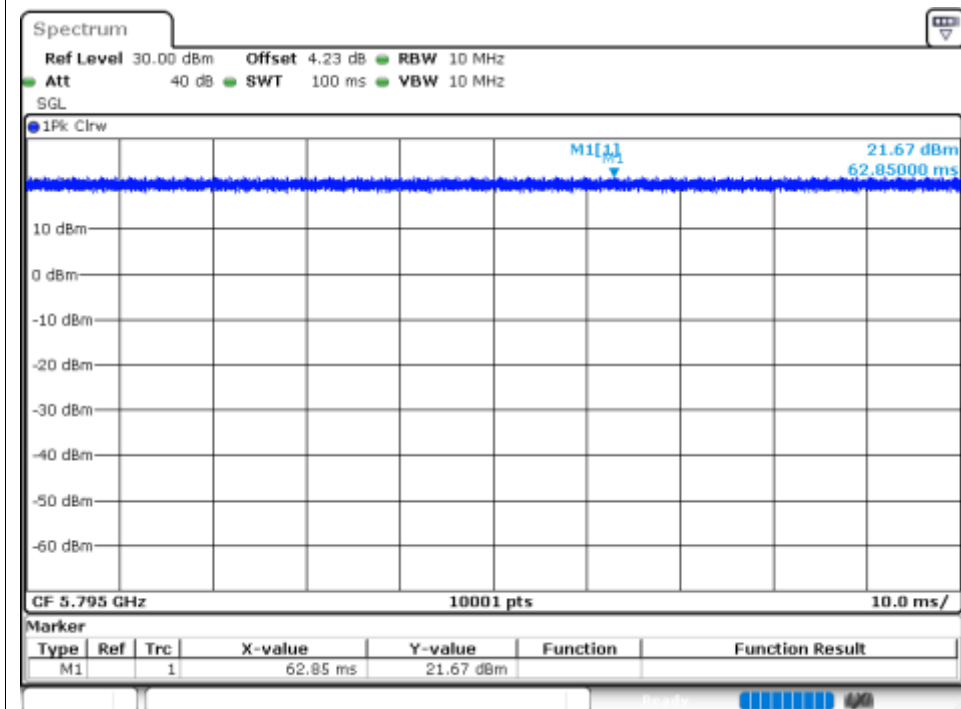
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	18.4	30	Pass
NVNT	a	5785	Ant1	18.28	30	Pass
NVNT	a	5825	Ant1	18.72	30	Pass
NVNT	n20	5745	Ant1	18.07	30	Pass
NVNT	n20	5785	Ant1	18.12	30	Pass
NVNT	n20	5825	Ant1	18.55	30	Pass
NVNT	n40	5755	Ant1	17.49	30	Pass
NVNT	n40	5795	Ant1	17.51	30	Pass

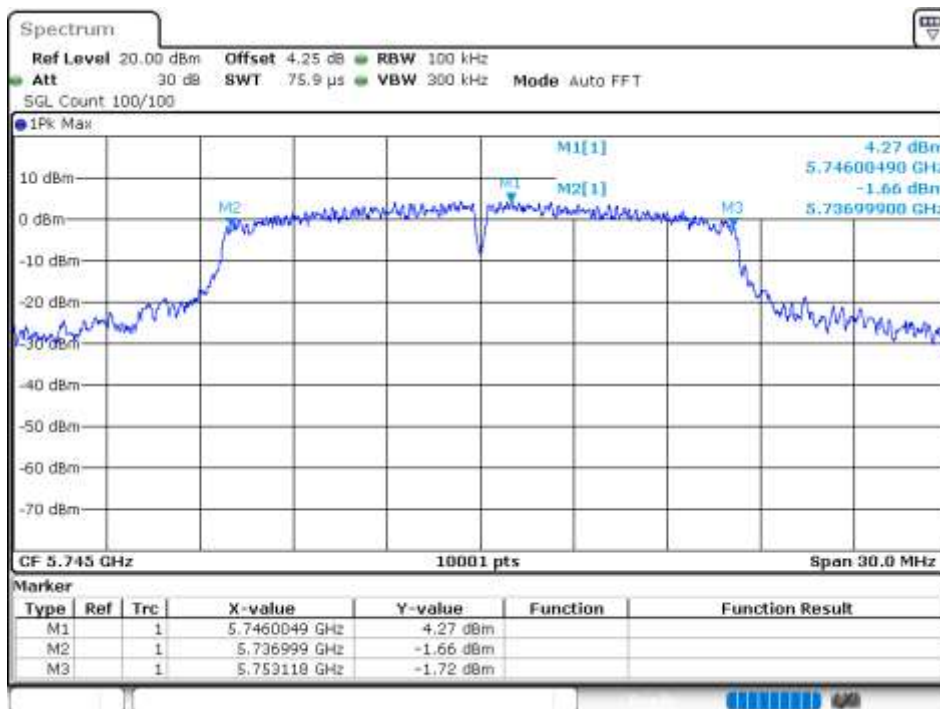
Note: The average power value already includes the duty cycle factor

-6dB Bandwidth

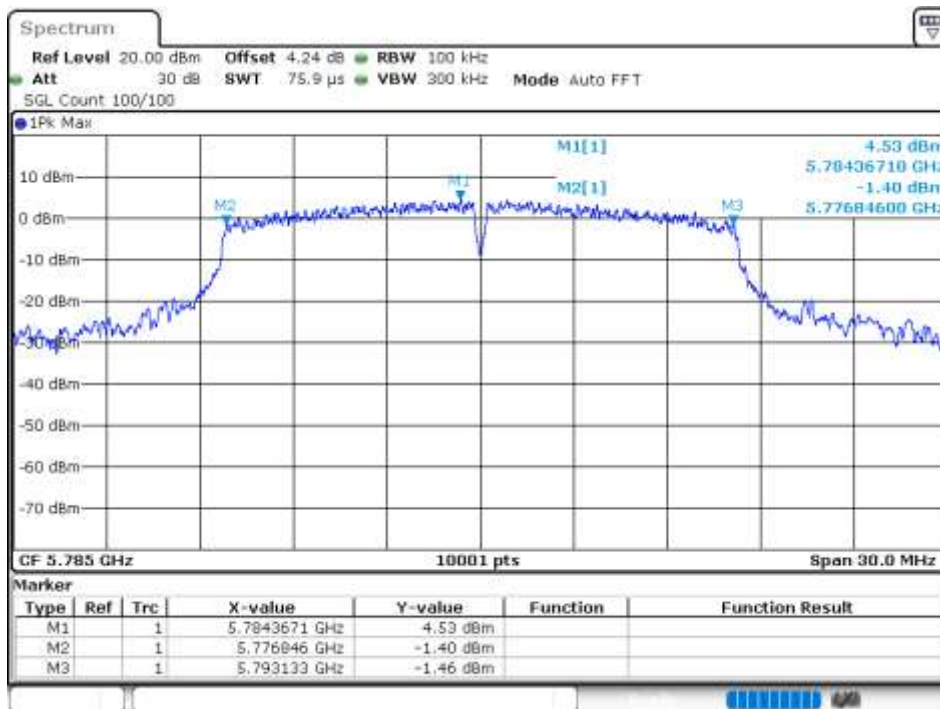
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.119	0.5	Pass
NVNT	a	5785	Ant1	16.287	0.5	Pass
NVNT	a	5825	Ant1	16.293	0.5	Pass
NVNT	n20	5745	Ant1	16.812	0.5	Pass
NVNT	n20	5785	Ant1	16.776	0.5	Pass
NVNT	n20	5825	Ant1	16.665	0.5	Pass
NVNT	n40	5755	Ant1	33.18	0.5	Pass
NVNT	n40	5795	Ant1	32.784	0.5	Pass

Test Graphs

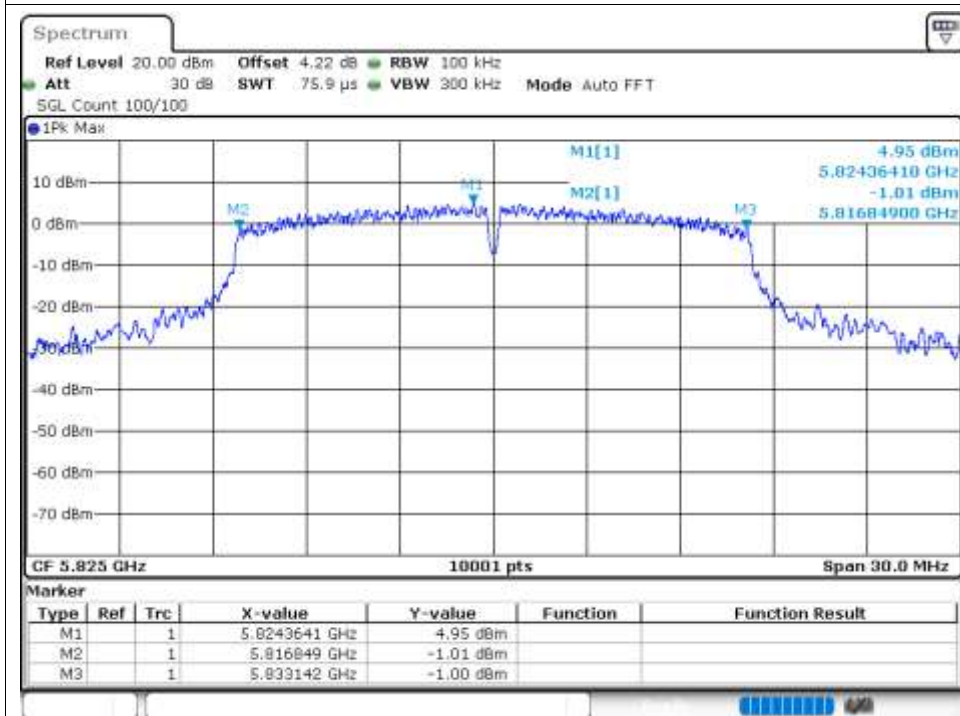
-6dB Bandwidth NVNT a 5745MHz Ant1



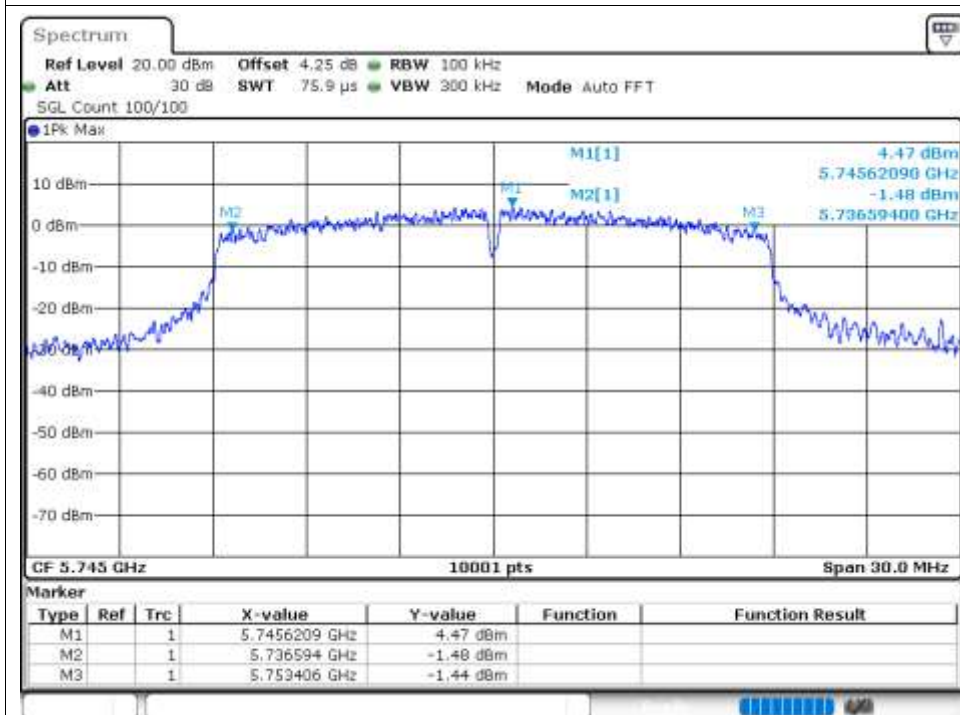
-6dB Bandwidth NVNT a 5785MHz Ant1



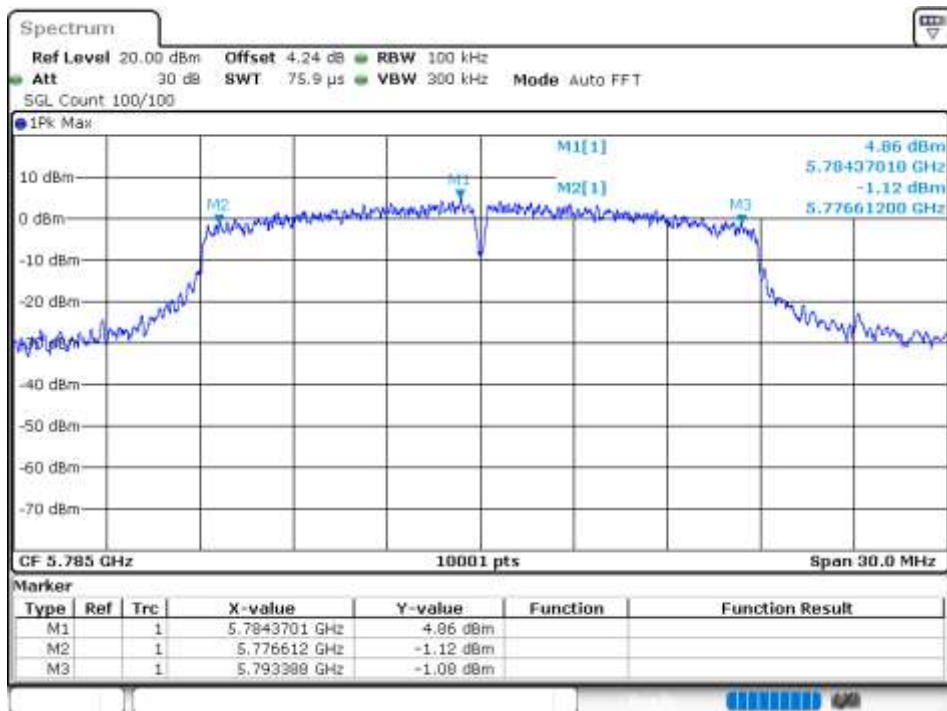
-6dB Bandwidth NVNT a 5825MHz Ant1



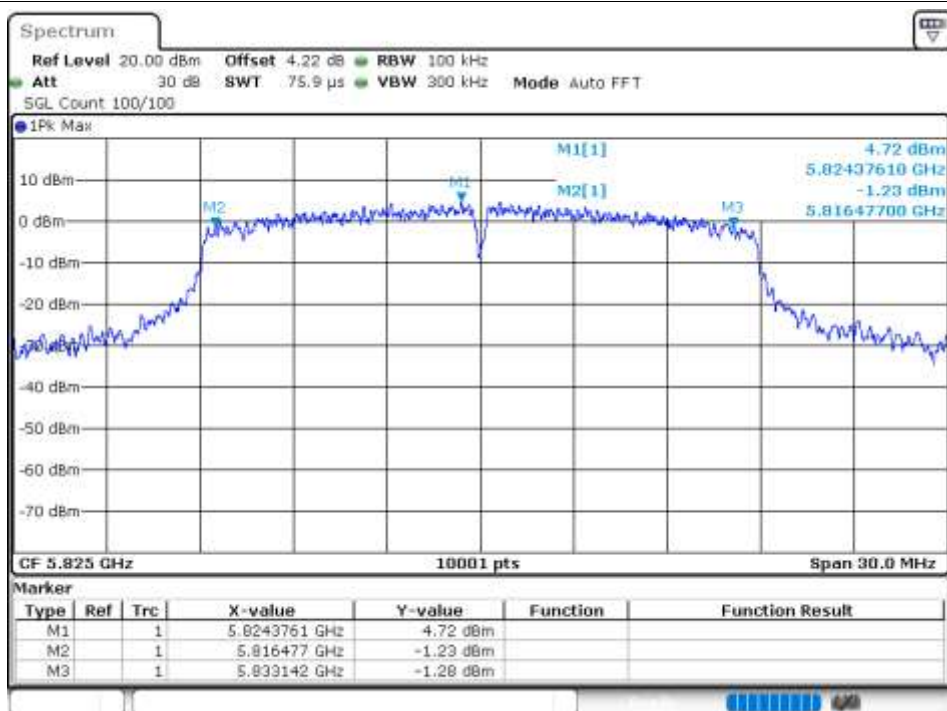
-6dB Bandwidth NVNT n20 5745MHz Ant1



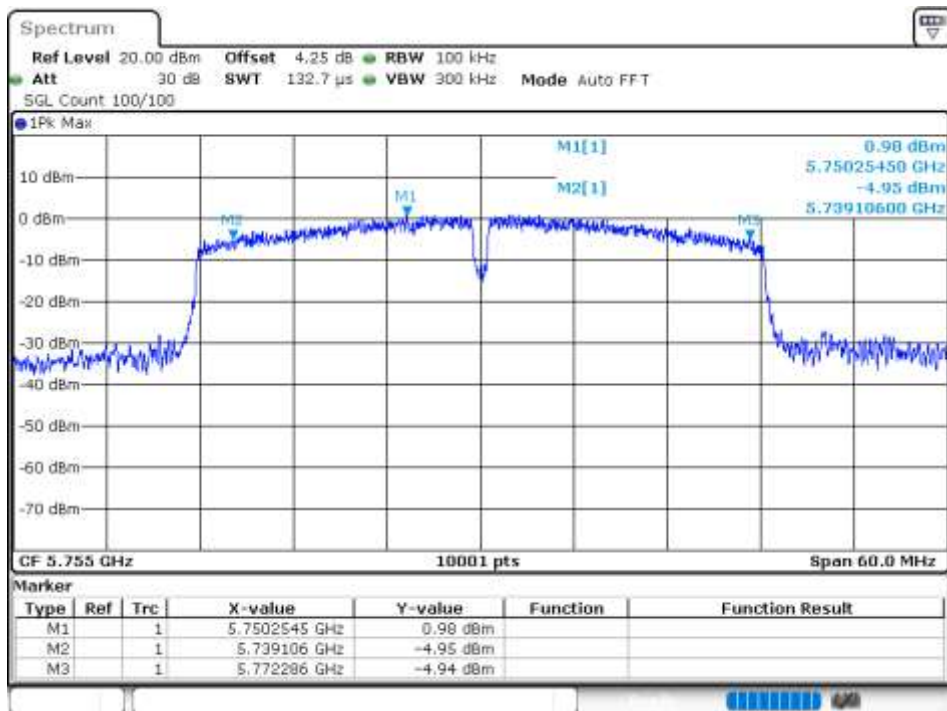
-6dB Bandwidth NVNT n20 5785MHz Ant1



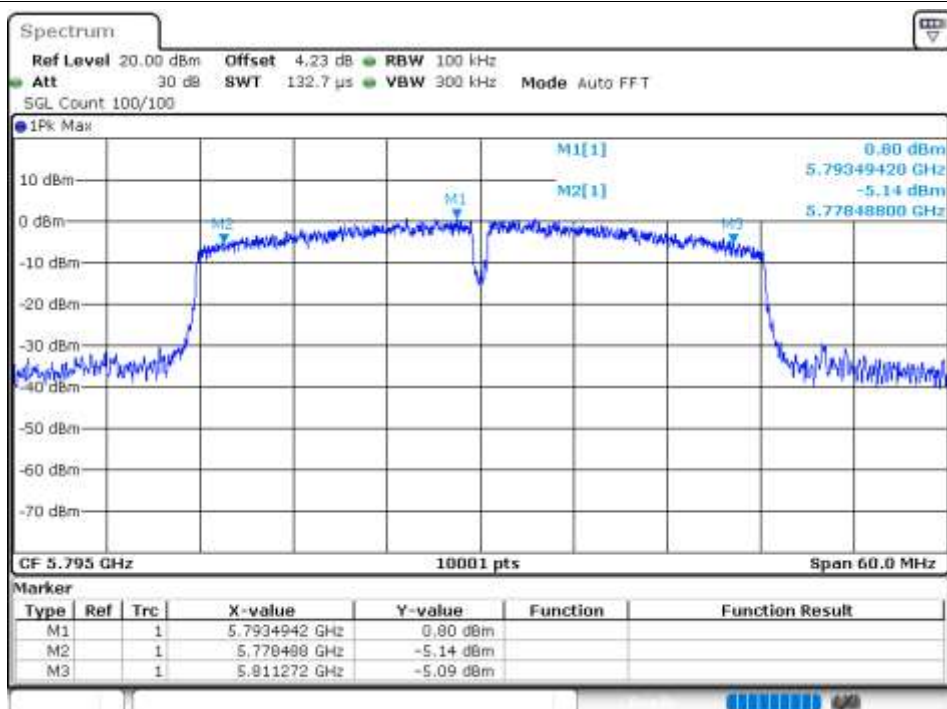
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.33
NVNT	a	5785	Ant1	16.456
NVNT	a	5825	Ant1	16.276
NVNT	n20	5745	Ant1	17.506
NVNT	n20	5785	Ant1	17.452
NVNT	n20	5825	Ant1	17.446
NVNT	n40	5755	Ant1	35.378
NVNT	n40	5795	Ant1	35.378

Test Graphs

OBW NVNT a 5745MHz Ant1



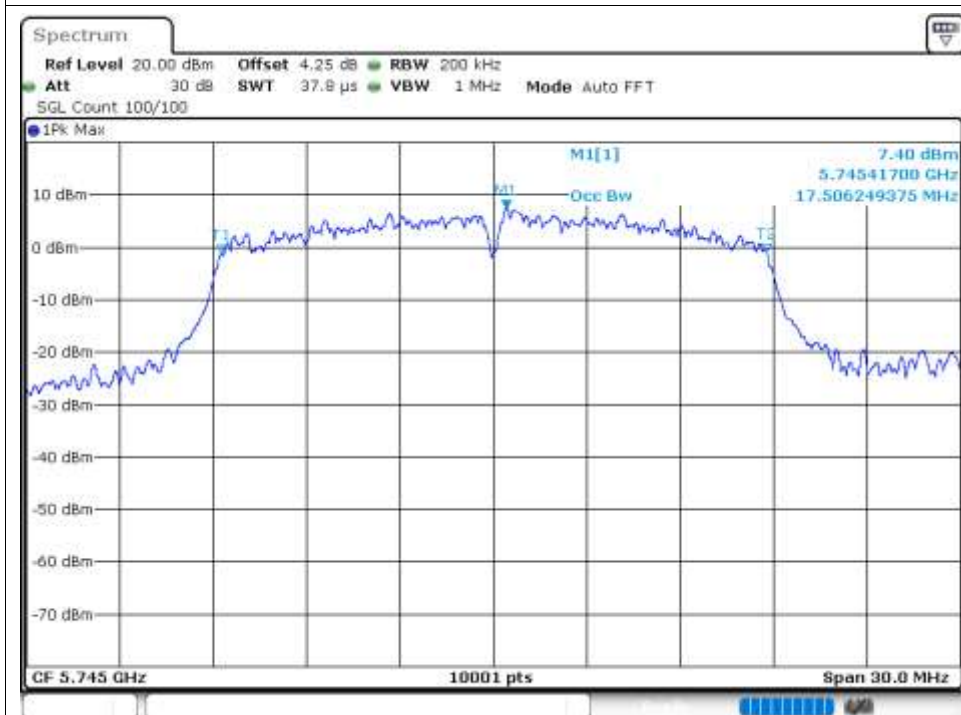
OBW NVNT a 5785MHz Ant1



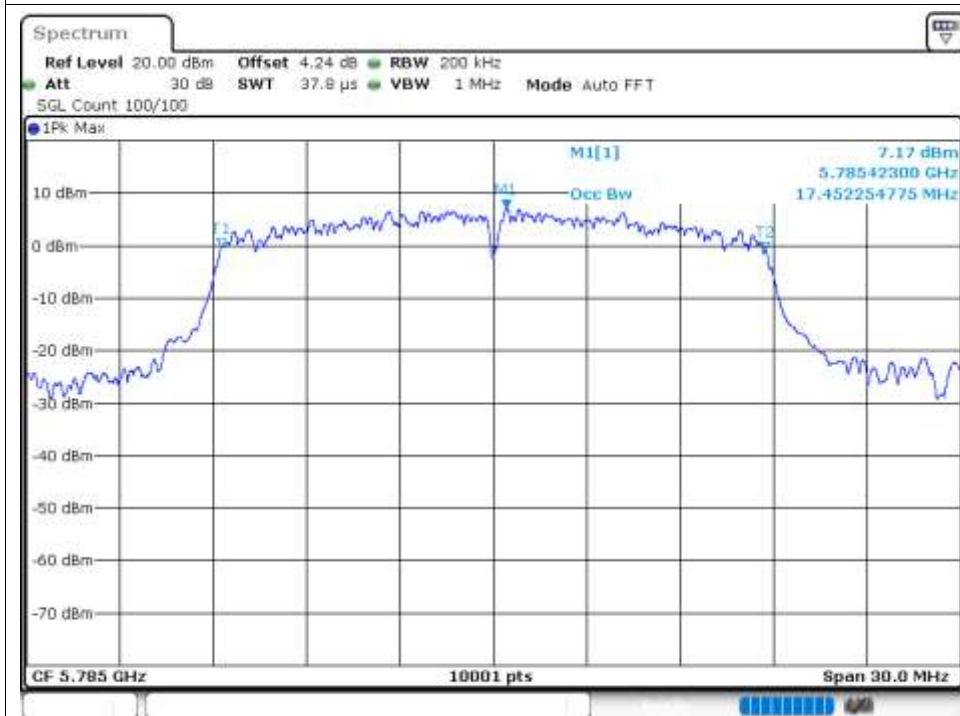
OBW NVNT a 5825MHz Ant1



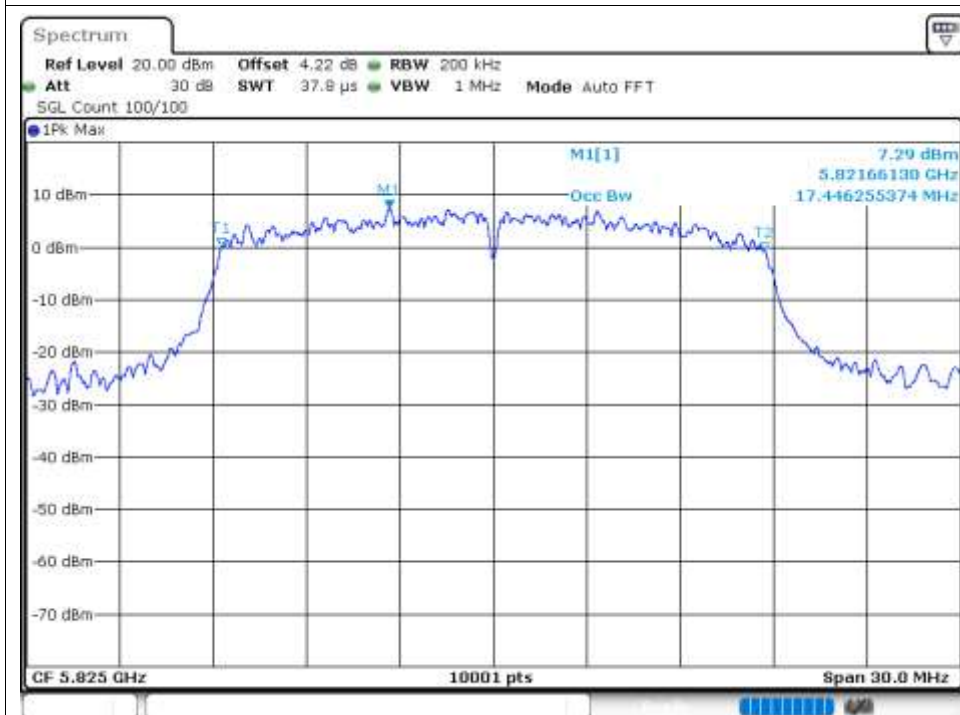
OBW NVNT n20 5745MHz Ant1



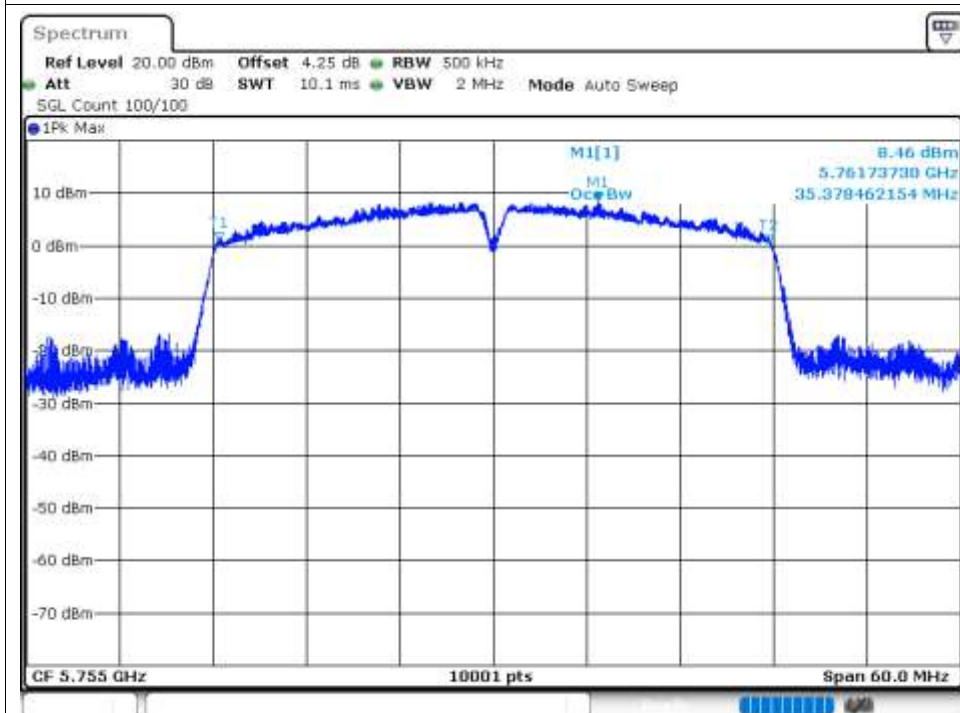
OBW NVNT n20 5785MHz Ant1



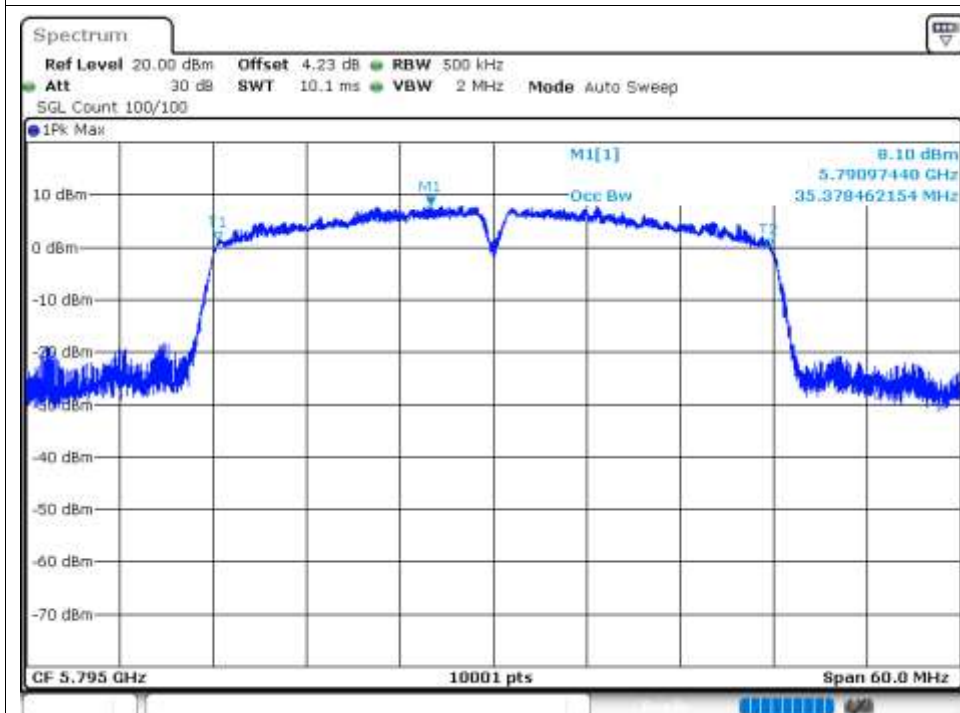
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	3.55	0	3.55	30	Pass
NVNT	a	5785	Ant1	3.54	0	3.54	30	Pass
NVNT	a	5825	Ant1	3.8	0	3.8	30	Pass
NVNT	n20	5745	Ant1	3.17	0	3.17	30	Pass
NVNT	n20	5785	Ant1	3.18	0	3.18	30	Pass
NVNT	n20	5825	Ant1	3.51	0	3.51	30	Pass
NVNT	n40	5755	Ant1	-0.07	0	-0.07	30	Pass
NVNT	n40	5795	Ant1	-0.53	0	-0.53	30	Pass

Test Graphs

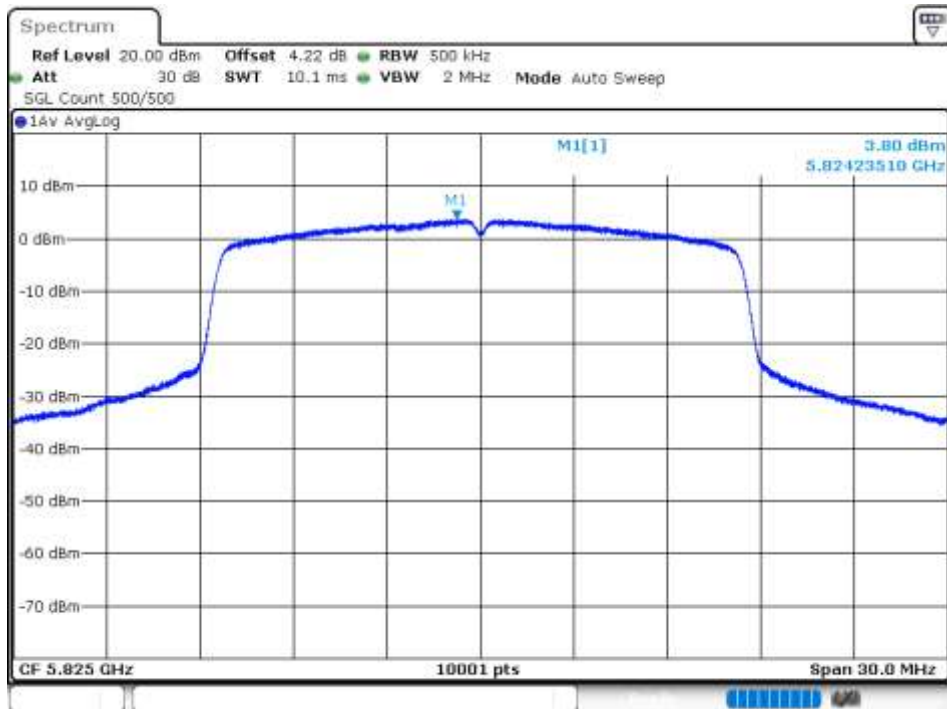
PSD NVNT a 5745MHz Ant1



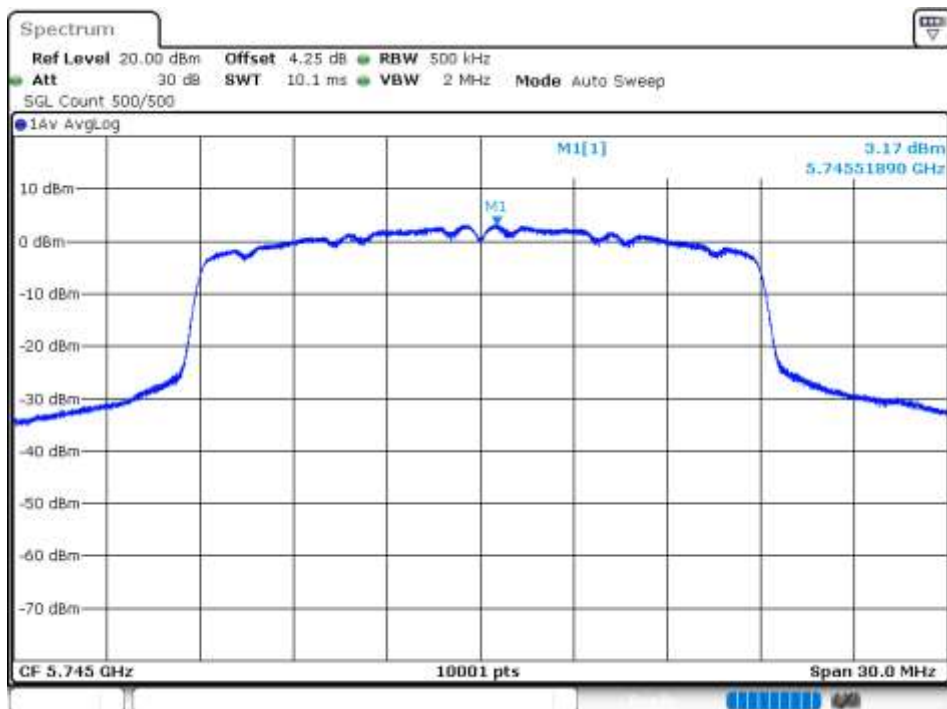
PSD NVNT a 5785MHz Ant1



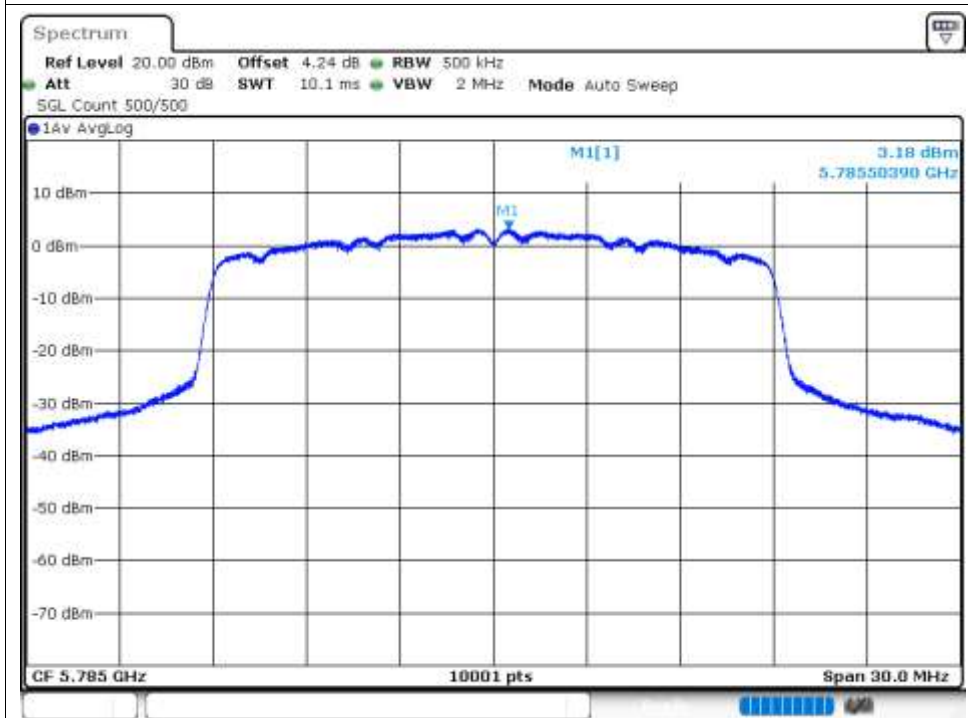
PSD NVNT a 5825MHz Ant1



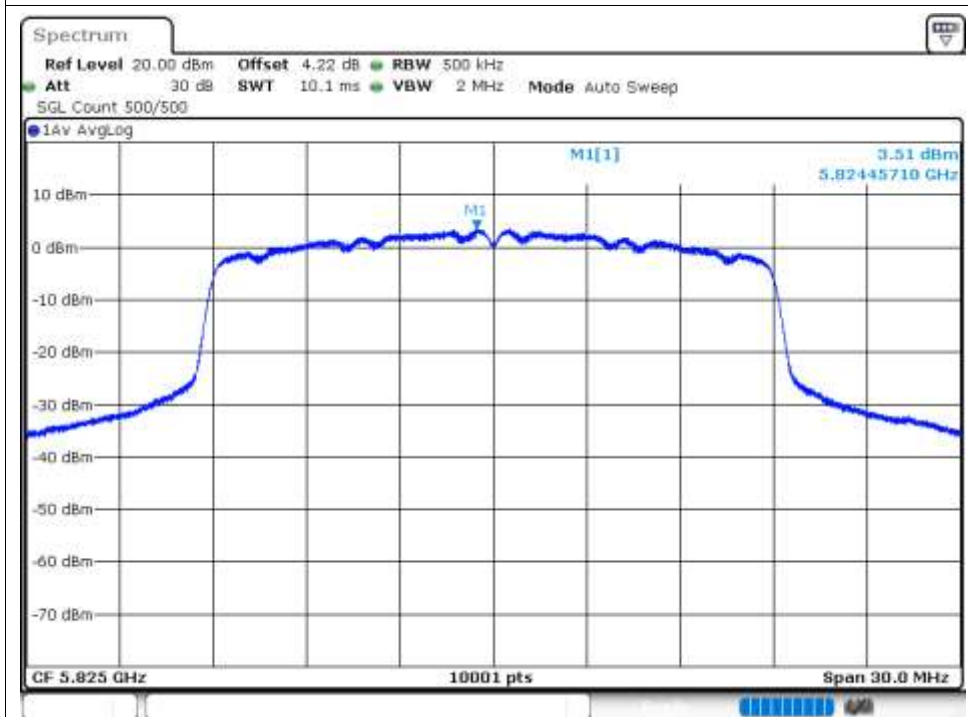
PSD NVNT n20 5745MHz Ant1



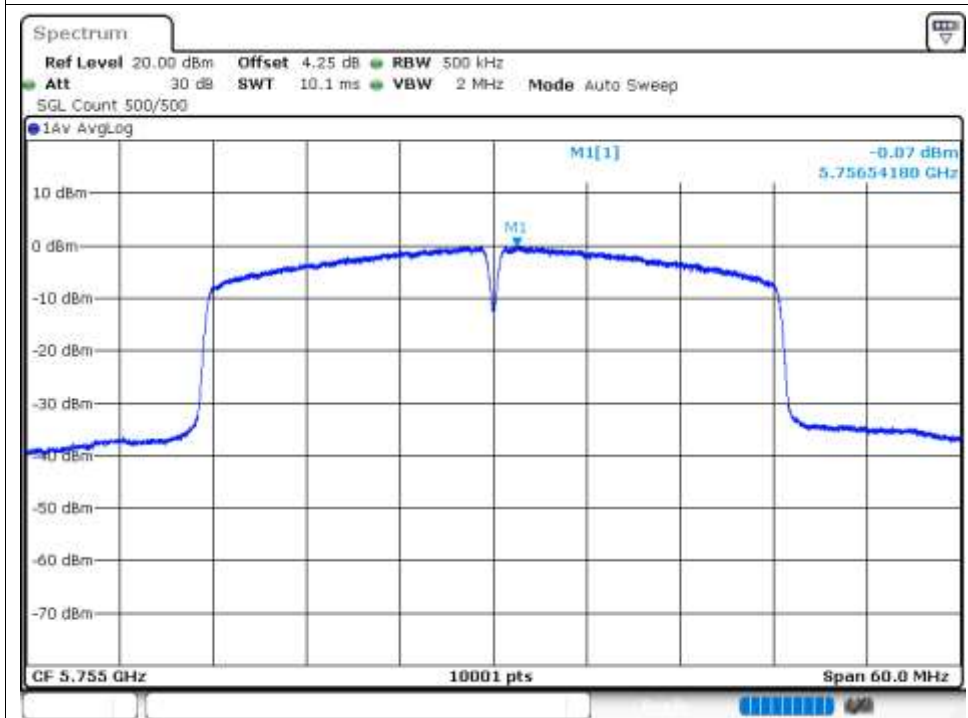
PSD NVNT n20 5785MHz Ant1



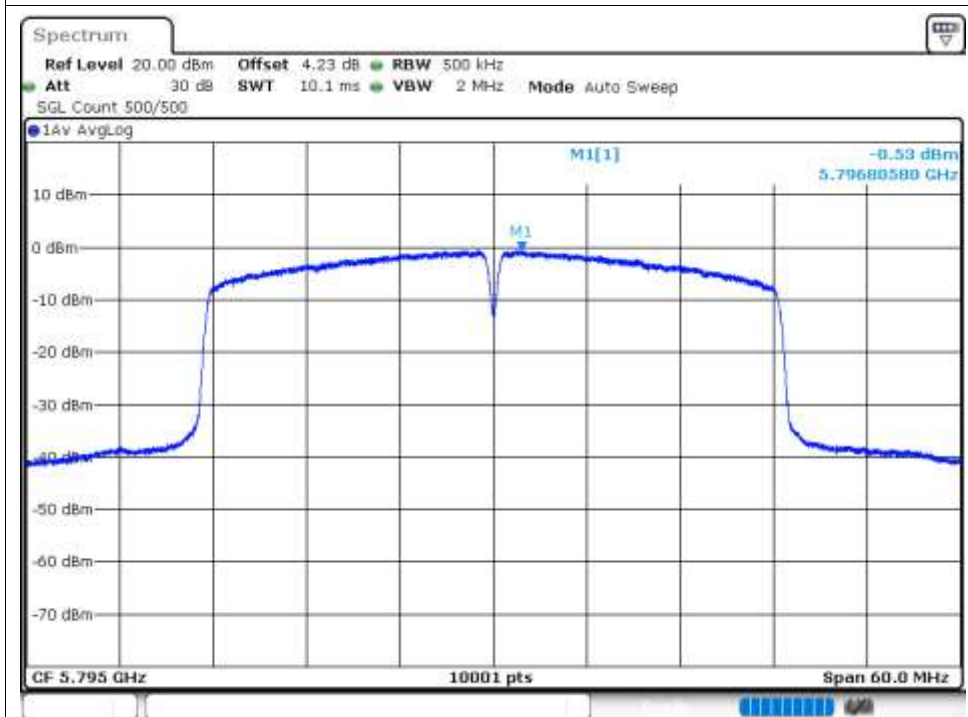
PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1



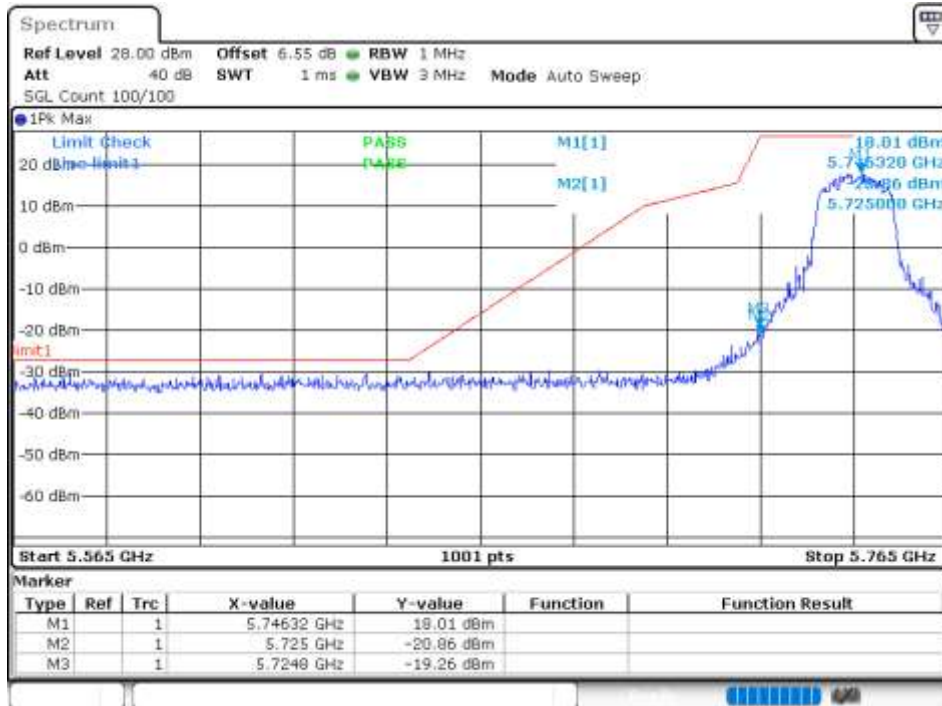
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-19.26	Pass
NVNT	a	5825	Ant1	-24.22	Pass
NVNT	n20	5745	Ant1	-15.16	Pass
NVNT	n20	5825	Ant1	-24.36	Pass
NVNT	n40	5755	Ant1	-14.91	Pass
NVNT	n40	5795	Ant1	-28.97	Pass

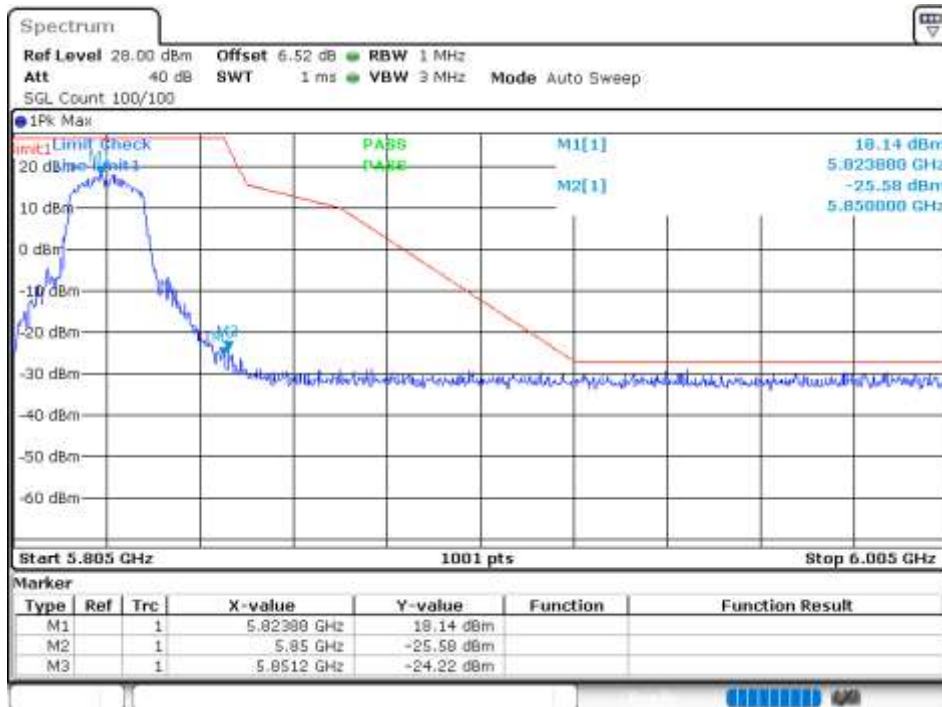
Note: This test has increased antenna gain .

Test Graphs

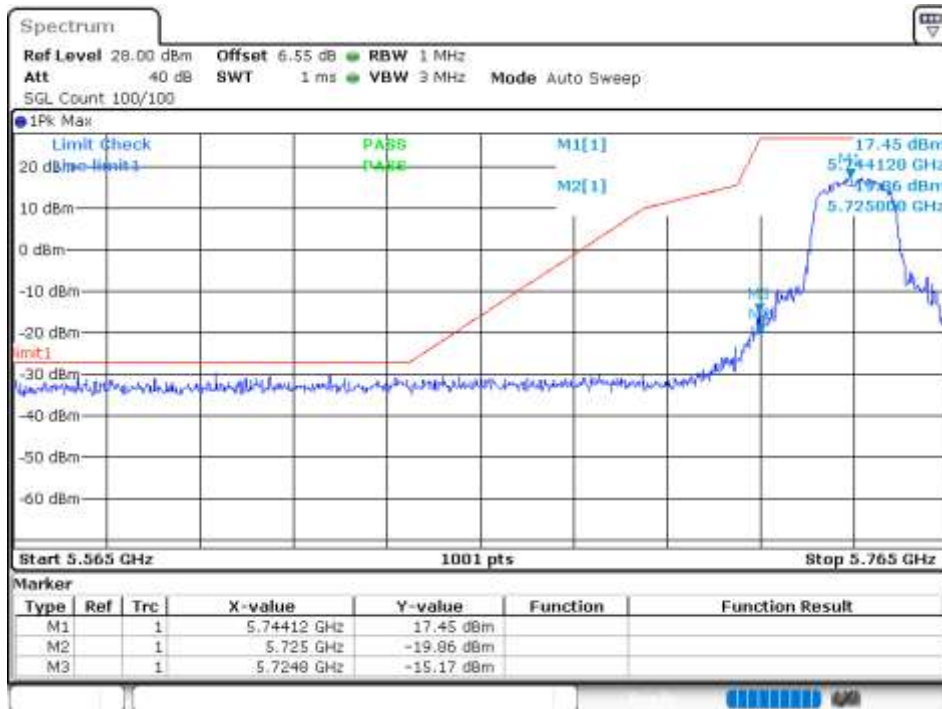
Band Edge NVNT a 5745MHz Low Ant1



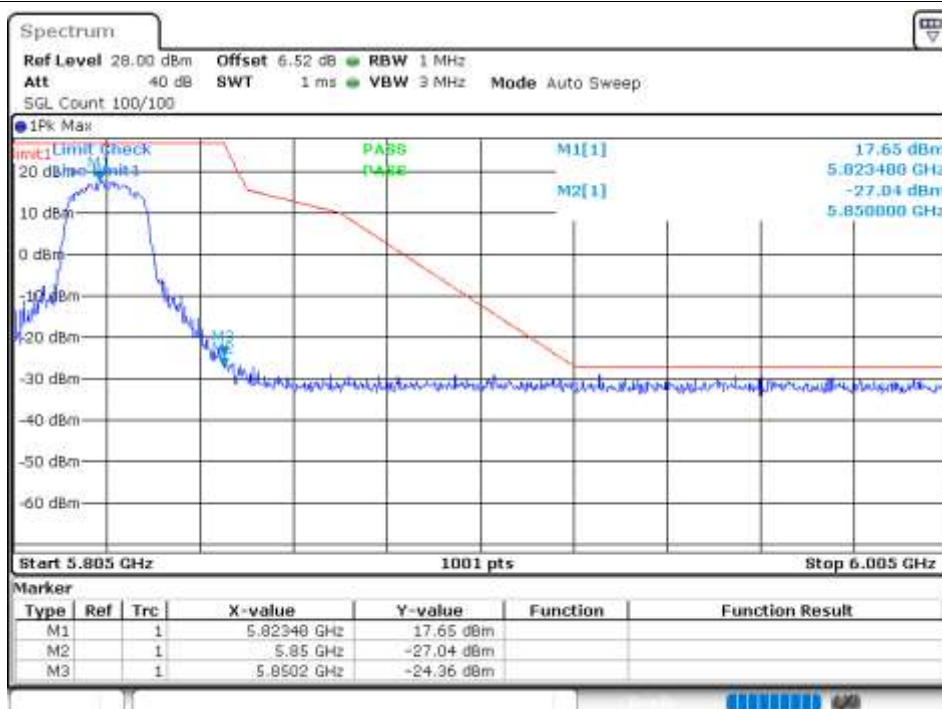
Band Edge NVNT a 5825MHz High Ant1



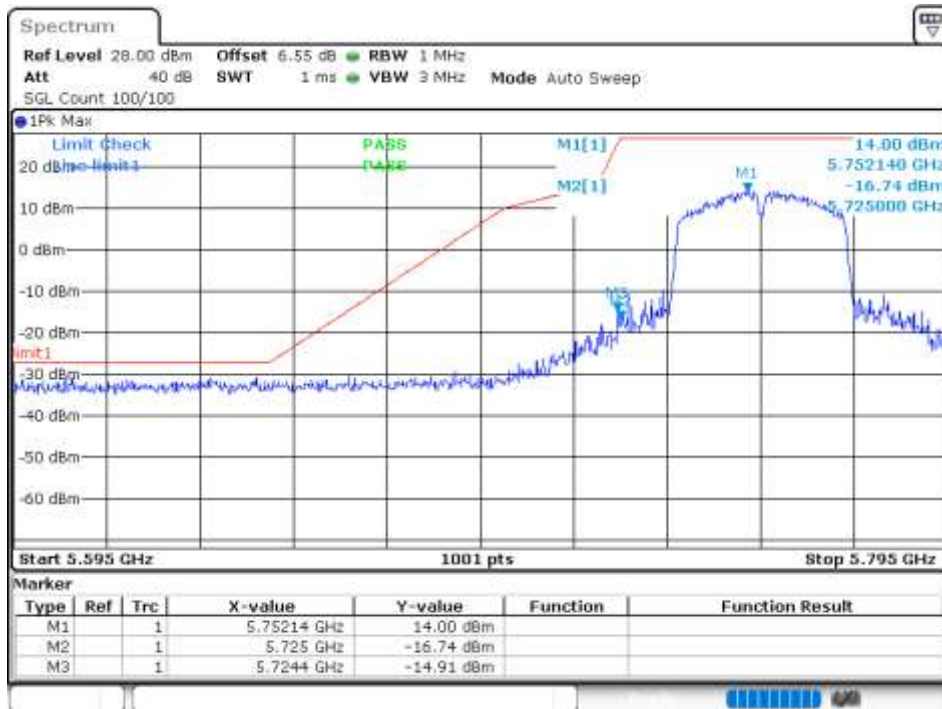
Band Edge NVNT n20 5745MHz Low Ant1



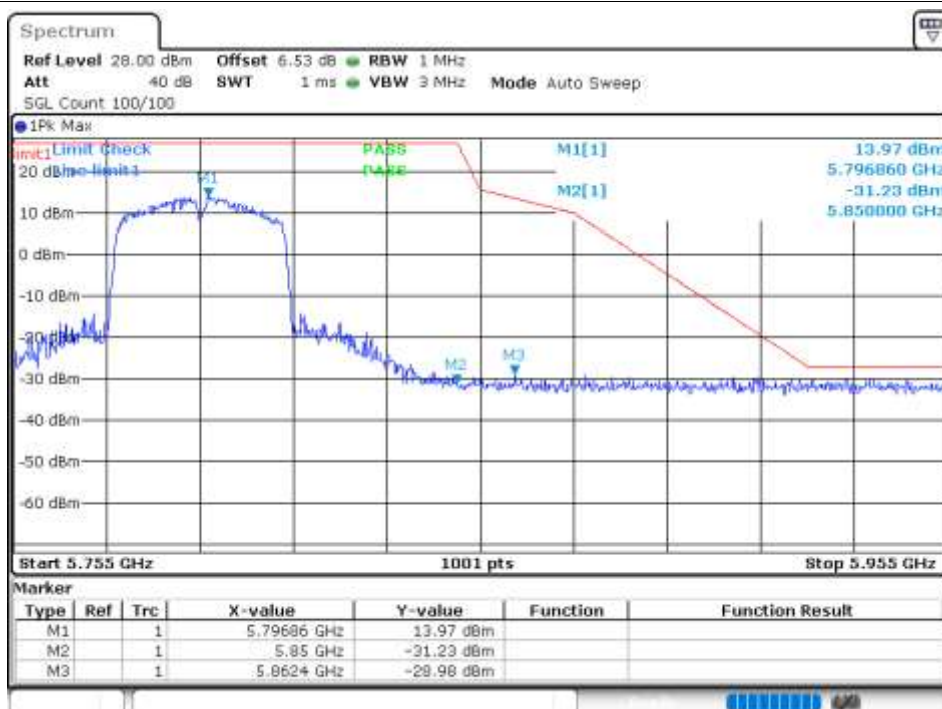
Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant1



Band Edge NVNT n40 5795MHz High Ant1



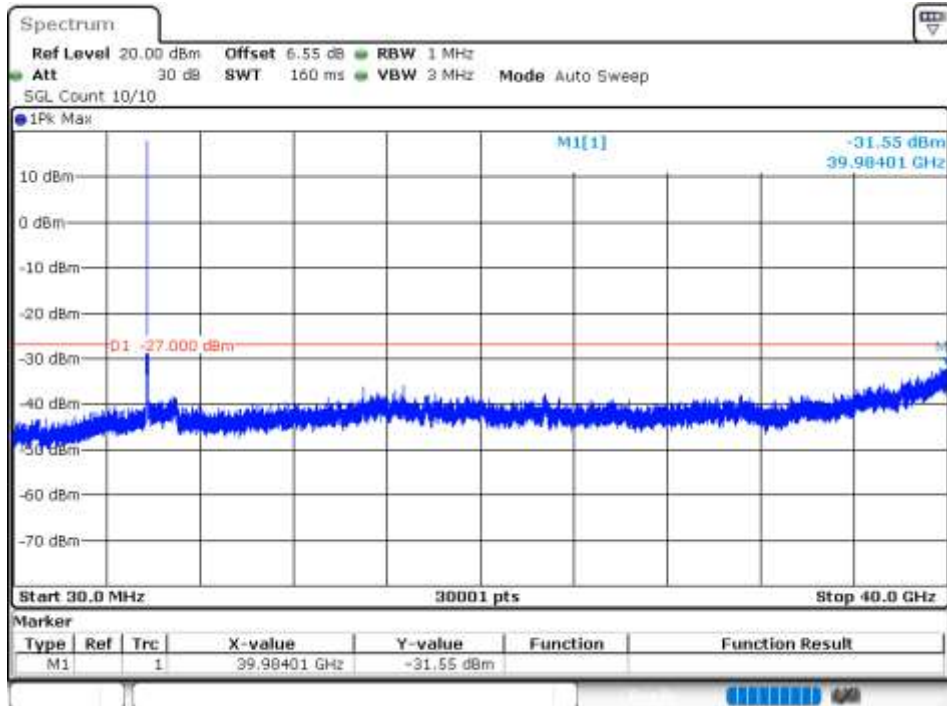
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-31.55	-27	Pass
NVNT	a	5785	Ant1	-31.65	-27	Pass
NVNT	a	5825	Ant1	-32.26	-27	Pass
NVNT	n20	5745	Ant1	-31.17	-27	Pass
NVNT	n20	5785	Ant1	-32	-27	Pass
NVNT	n20	5825	Ant1	-31.62	-27	Pass
NVNT	n40	5755	Ant1	-31.7	-27	Pass
NVNT	n40	5795	Ant1	-31.8	-27	Pass

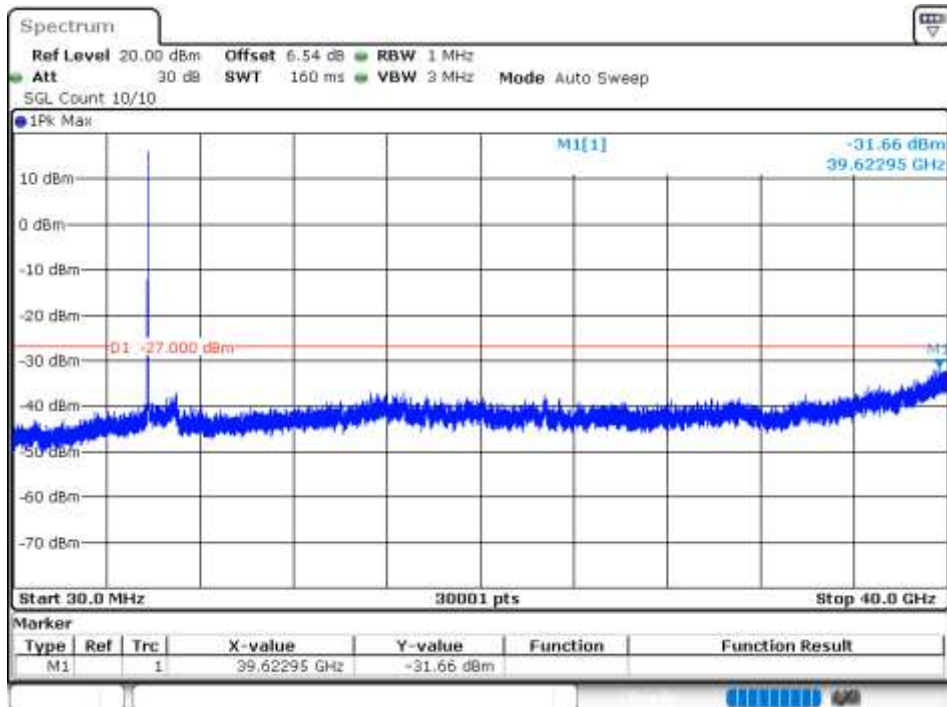
Note: This test has increased antenna gain .

Test Graphs

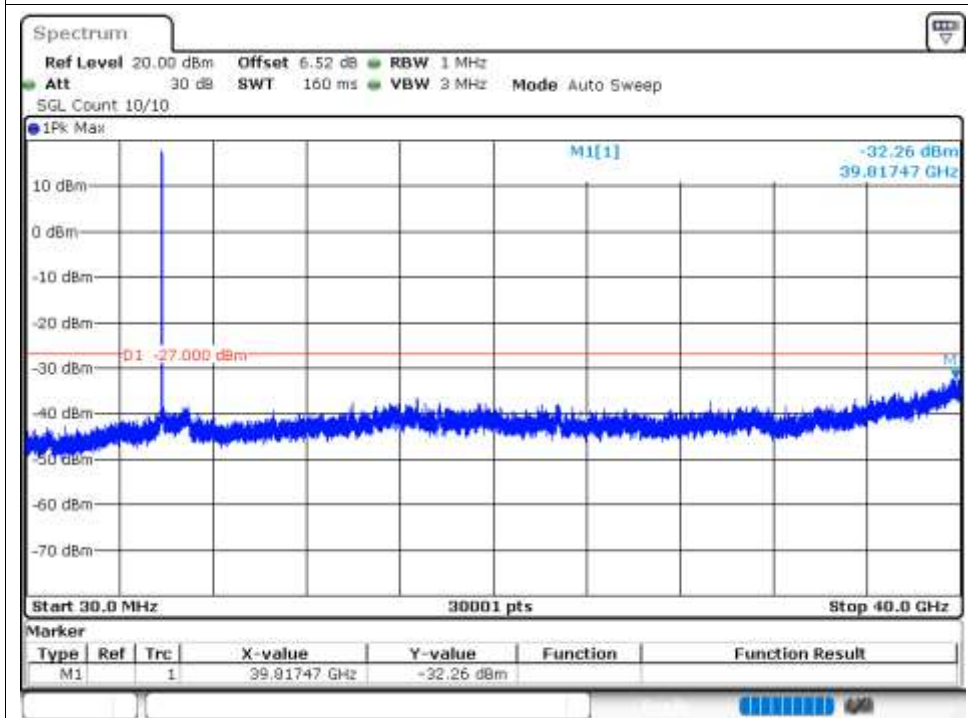
Tx. Spurious NVNT a 5745MHz Ant1 Emission



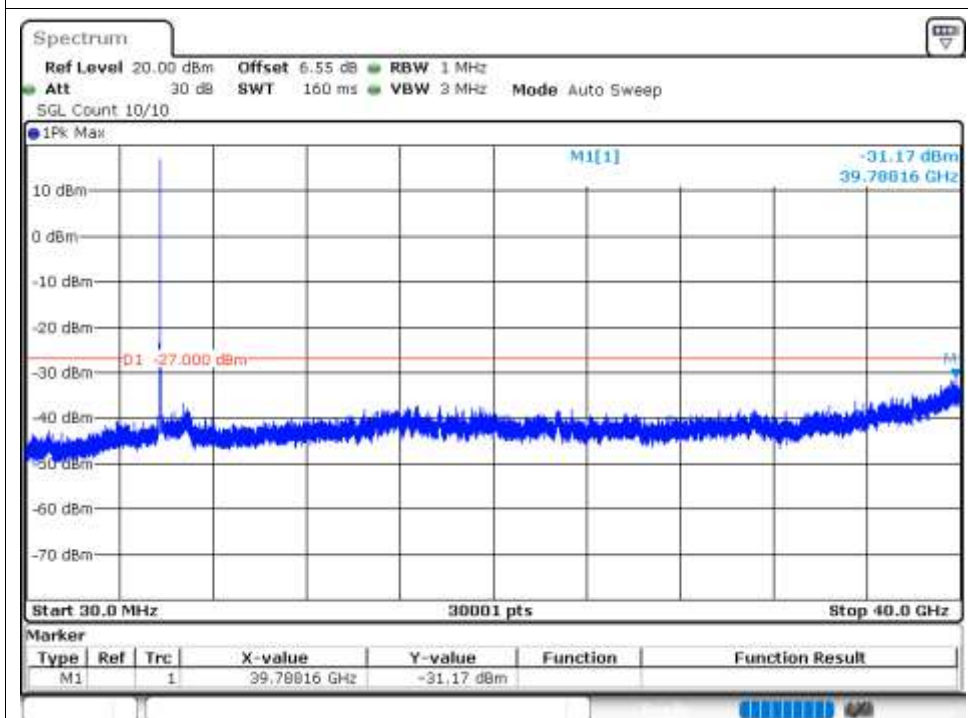
Tx. Spurious NVNT a 5785MHz Ant1 Emission



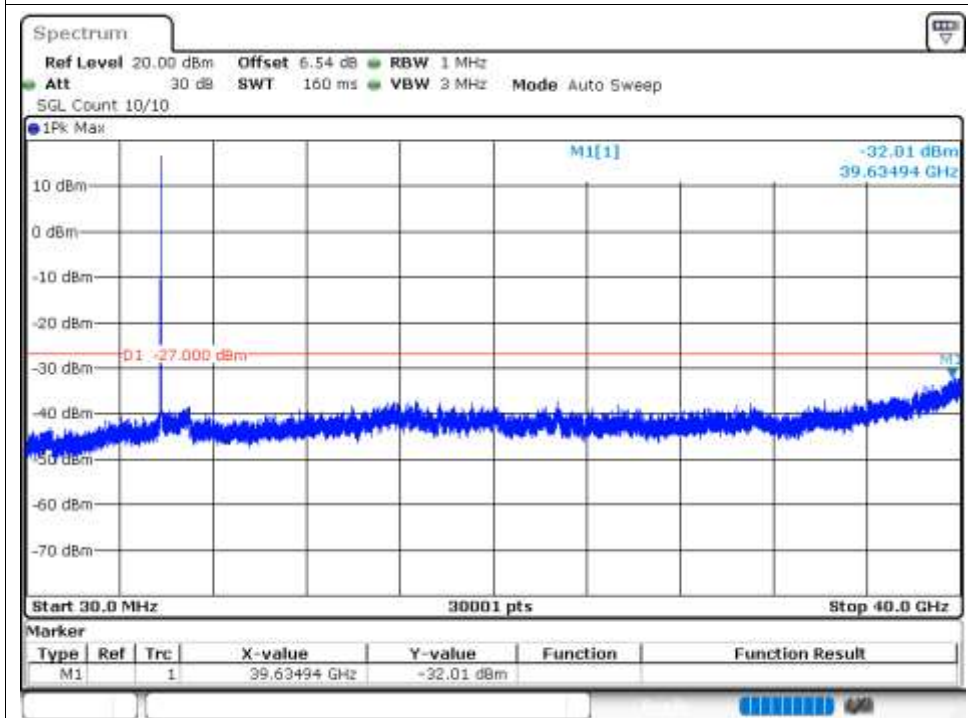
Tx. Spurious NVNT a 5825MHz Ant1 Emission



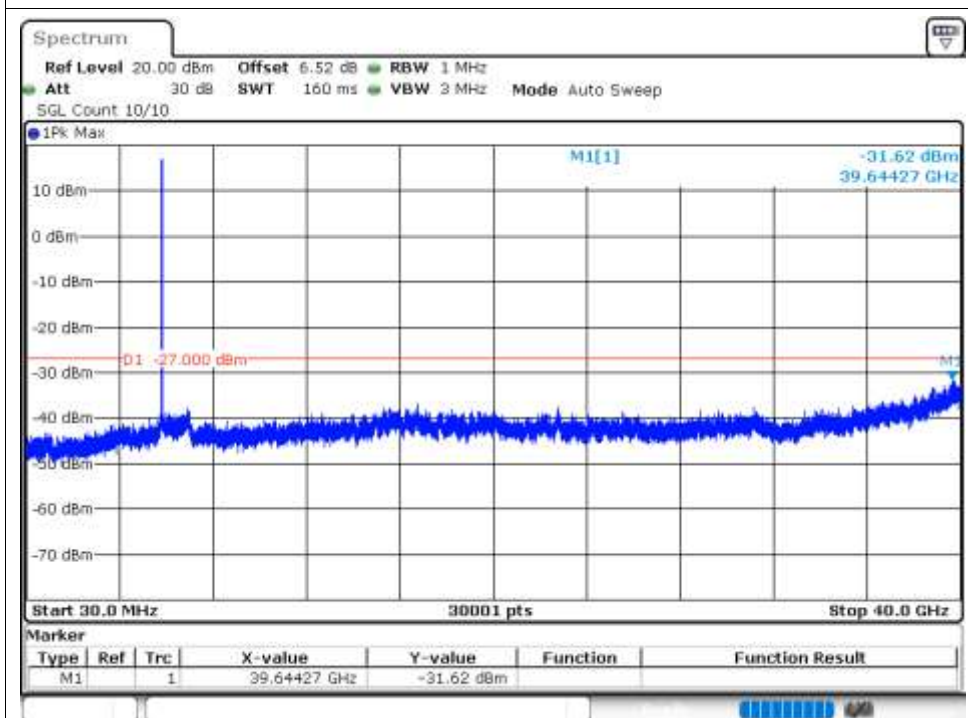
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



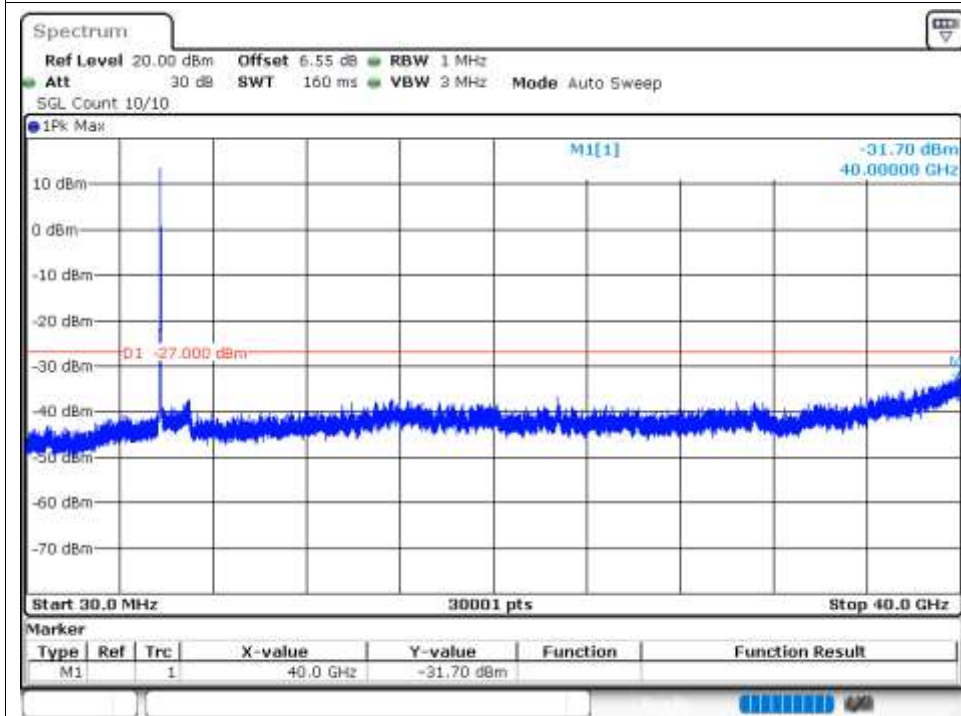
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



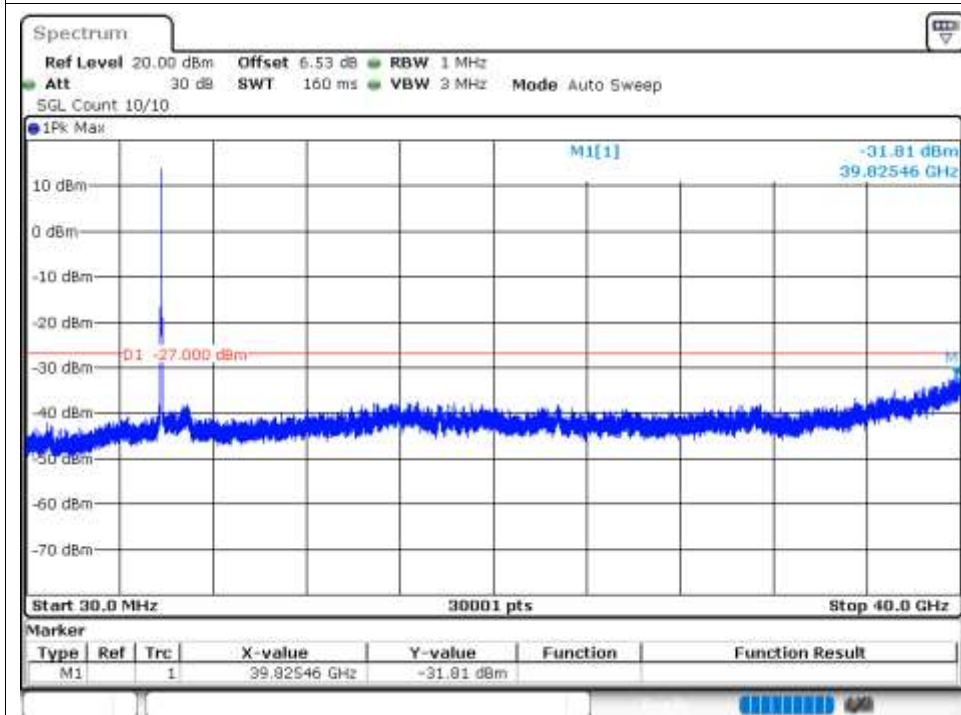
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



Tx. Spurious NVNT n40 5755MHz Ant1 Emission



Tx. Spurious NVNT n40 5795MHz Ant1 Emission



ANT2

5.2G WIFI

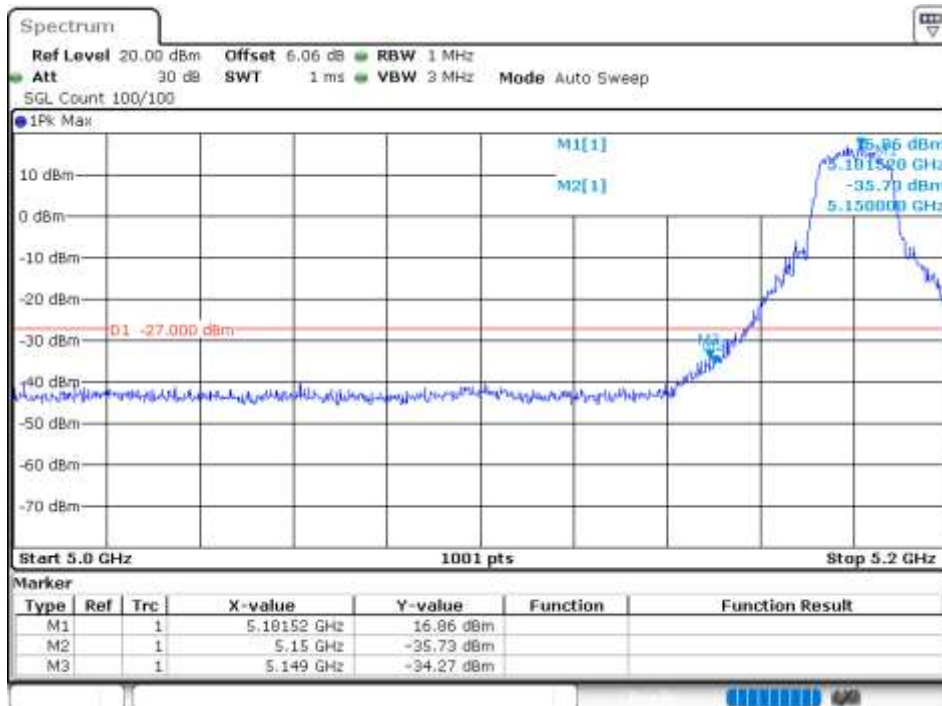
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	-34.27	-27	Pass
NVNT	a	5240	Ant2	-40.05	-27	Pass
NVNT	n20	5180	Ant2	-30.37	-27	Pass
NVNT	n20	5240	Ant2	-39.23	-27	Pass
NVNT	n40	5190	Ant2	-30.45	-27	Pass
NVNT	n40	5230	Ant2	-41.19	-27	Pass

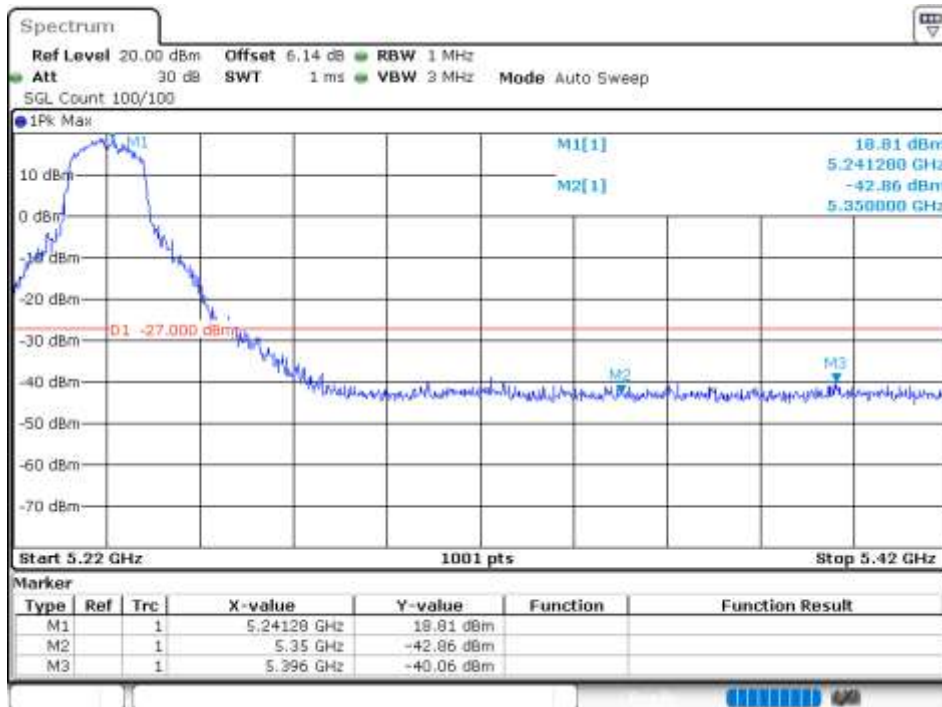
Note: This test has increased antenna gain .

Test Graphs

Band Edge NVNT a 5180MHz Low Ant1



Band Edge NVNT a 5240MHz High Ant1



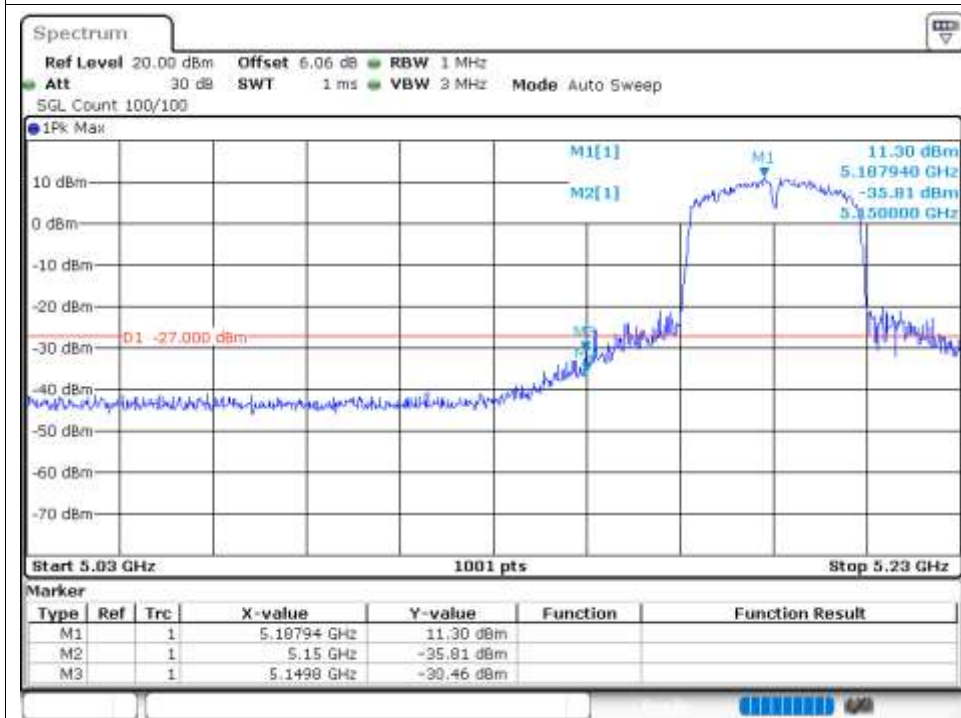
Band Edge NVNT n20 5180MHz Low Ant1



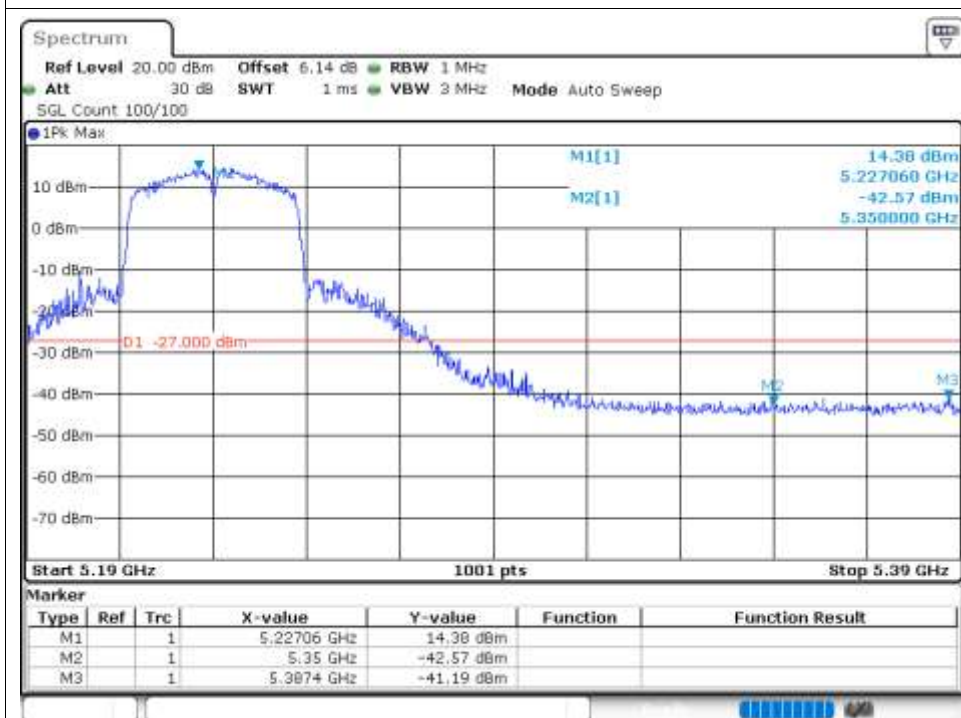
Band Edge NVNT n20 5240MHz High Ant1



Band Edge NVNT n40 5190MHz Low Ant1



Band Edge NVNT n40 5230MHz High Ant1



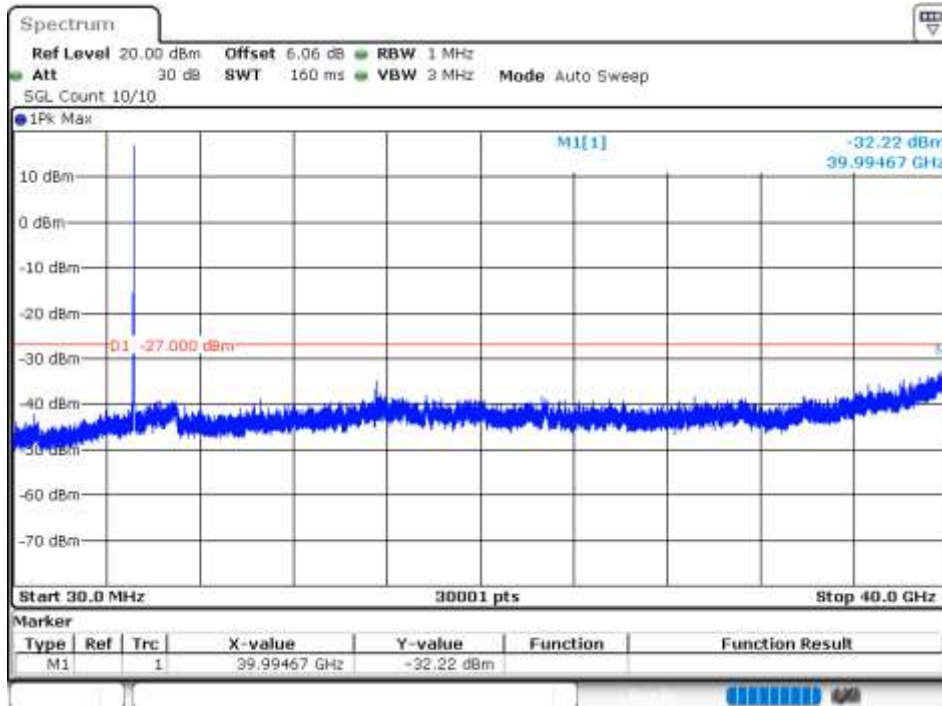
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	-32.21	-27	Pass
NVNT	a	5200	Ant2	-32.9	-27	Pass
NVNT	a	5240	Ant2	-31.85	-27	Pass
NVNT	n20	5180	Ant2	-32.94	-27	Pass
NVNT	n20	5200	Ant2	-32.78	-27	Pass
NVNT	n20	5240	Ant2	-32.72	-27	Pass
NVNT	n40	5190	Ant2	-32.61	-27	Pass
NVNT	n40	5230	Ant2	-31.84	-27	Pass

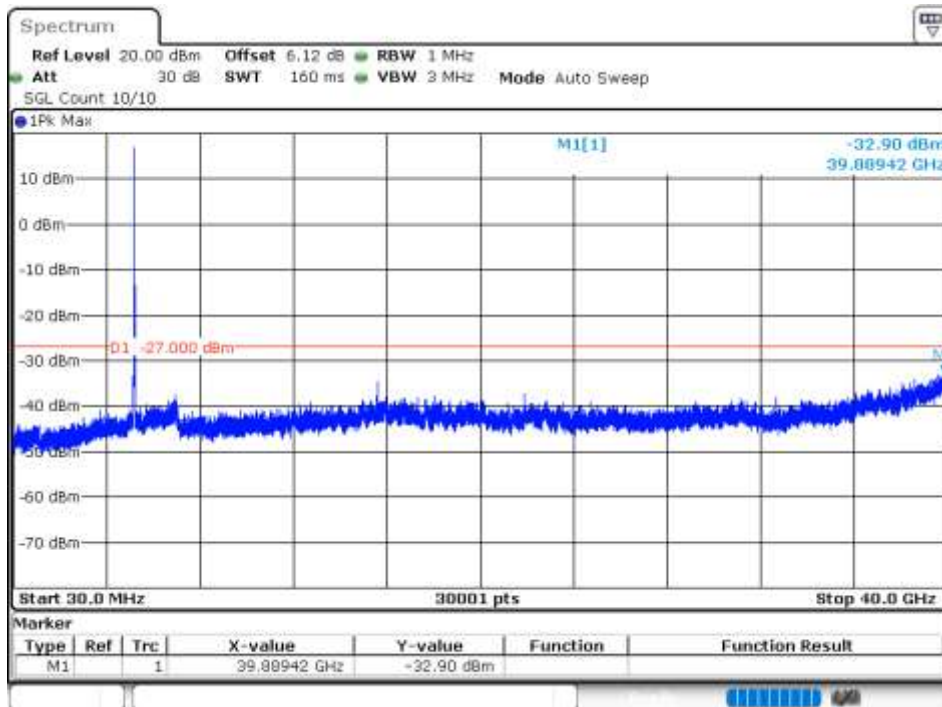
Note: This test has increased antenna gain .

Test Graphs

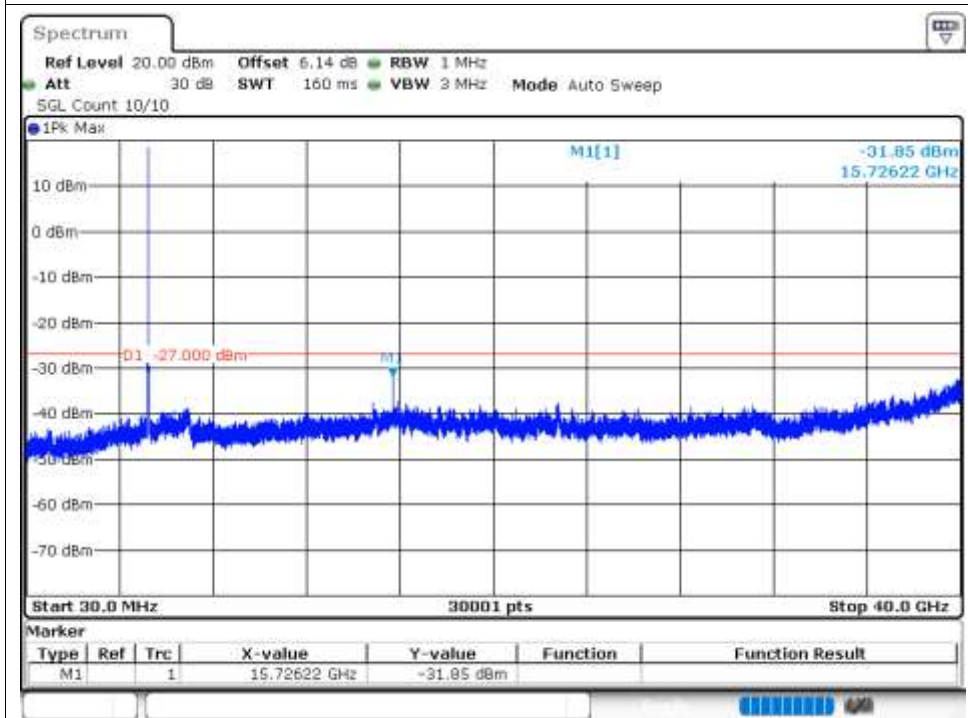
Tx. Spurious NVNT a 5180MHz Ant1 Emission



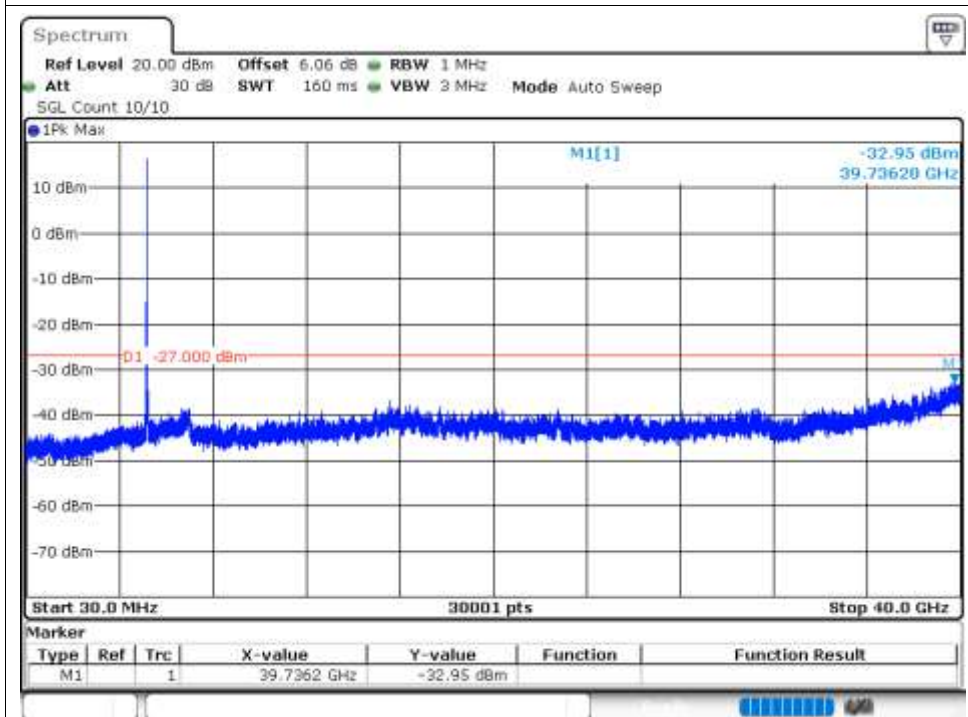
Tx. Spurious NVNT a 5200MHz Ant1 Emission



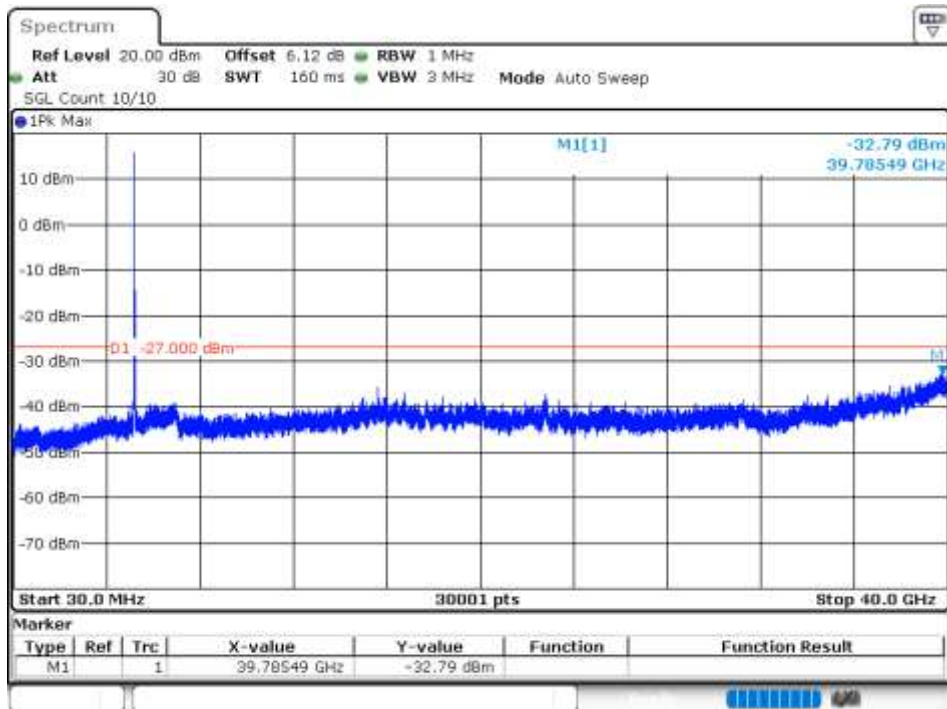
Tx. Spurious NVNT a 5240MHz Ant1 Emission



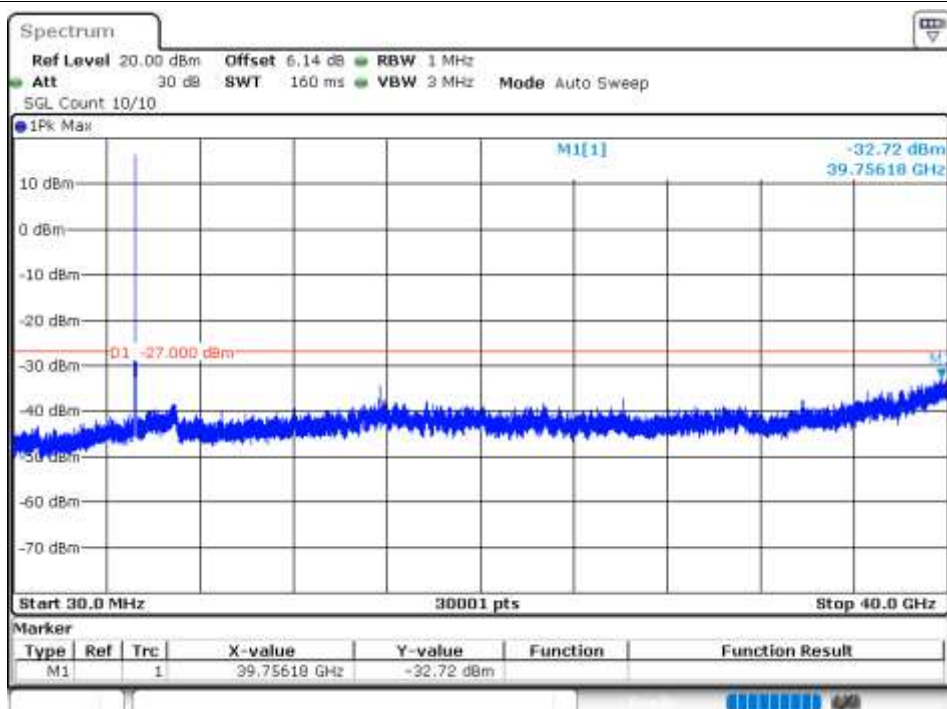
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



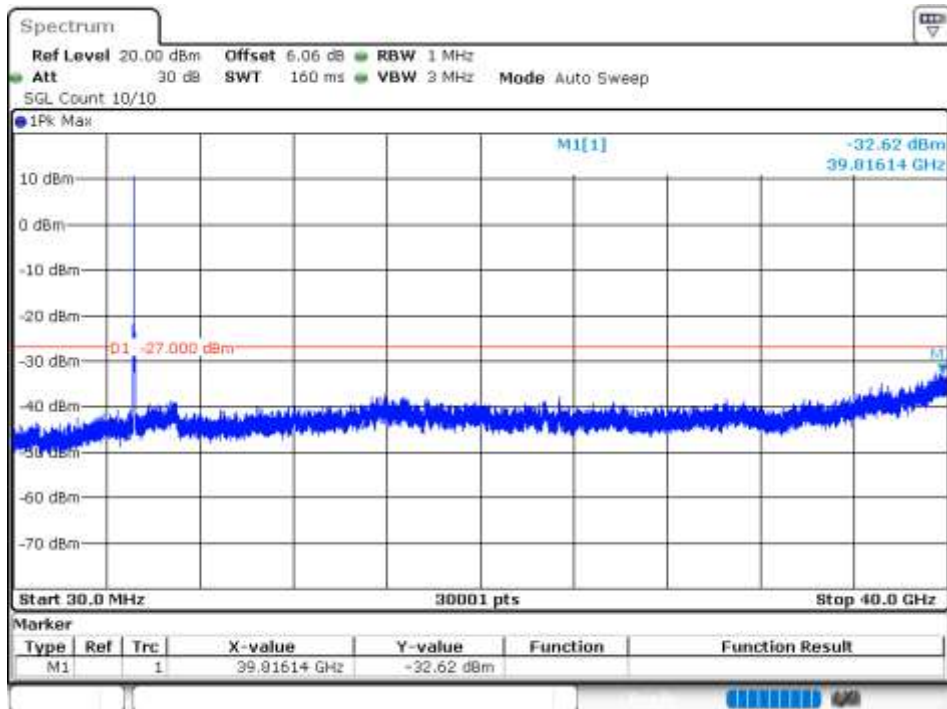
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



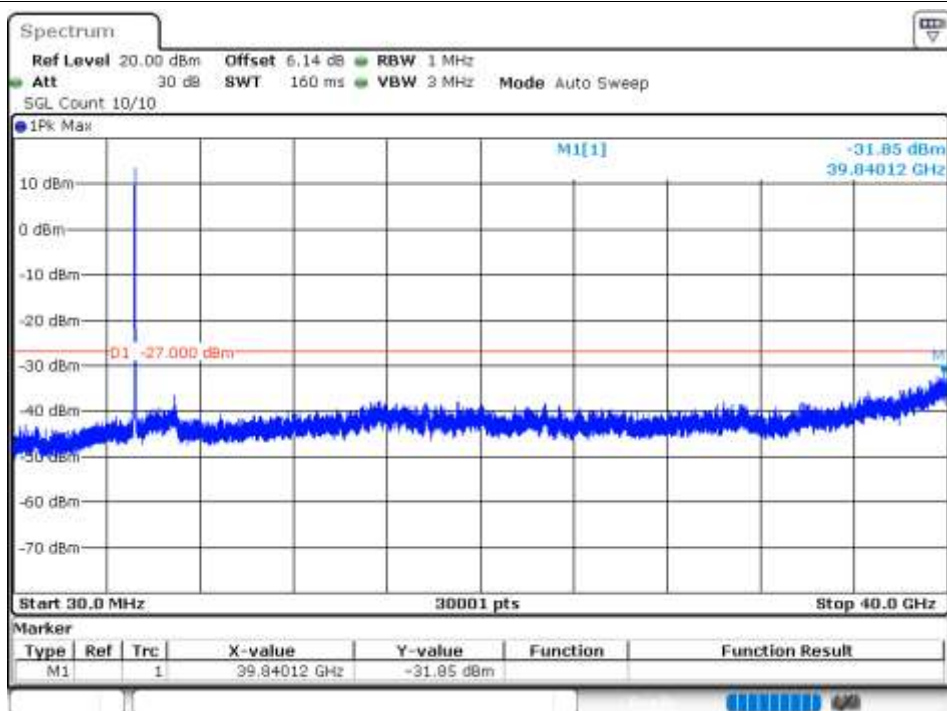
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



Tx. Spurious NVNT n40 5190MHz Ant1 Emission



Tx. Spurious NVNT n40 5230MHz Ant1 Emission



5.3G WIFI

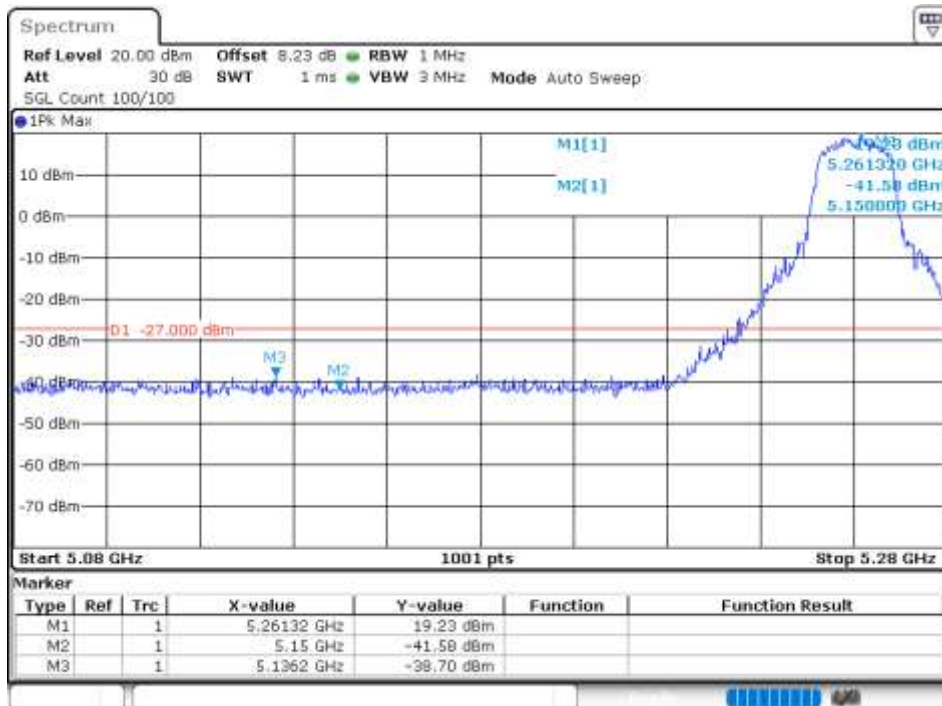
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant2	-38.69	-27	Pass
NVNT	a	5320	Ant2	-28.24	-27	Pass
NVNT	n20	5260	Ant2	-38.48	-27	Pass
NVNT	n20	5320	Ant2	-27.49	-27	Pass
NVNT	n40	5270	Ant2	-41.08	-27	Pass
NVNT	n40	5310	Ant2	-31.53	-27	Pass

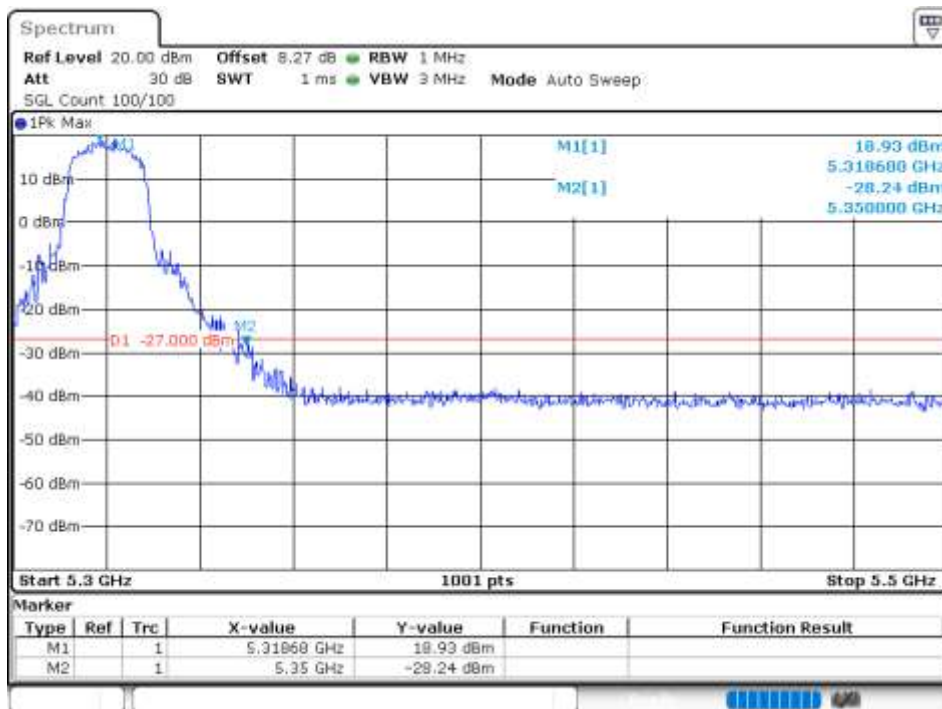
Note: This test has increased antenna gain .

Test Graphs

Band Edge NVNT a 5260MHz Low Ant1



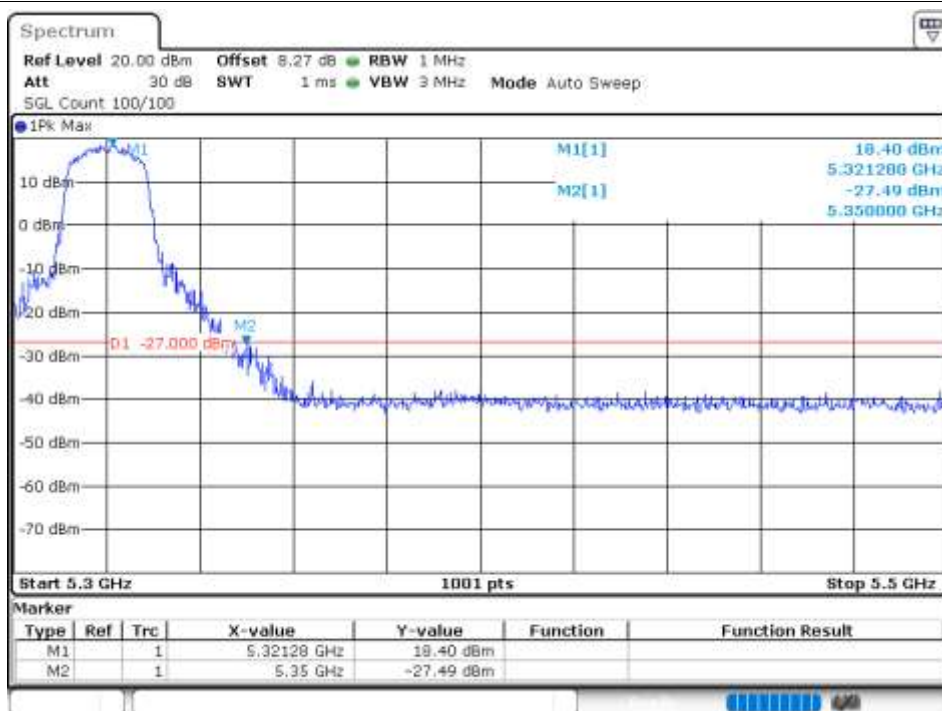
Band Edge NVNT a 5320MHz High Ant1



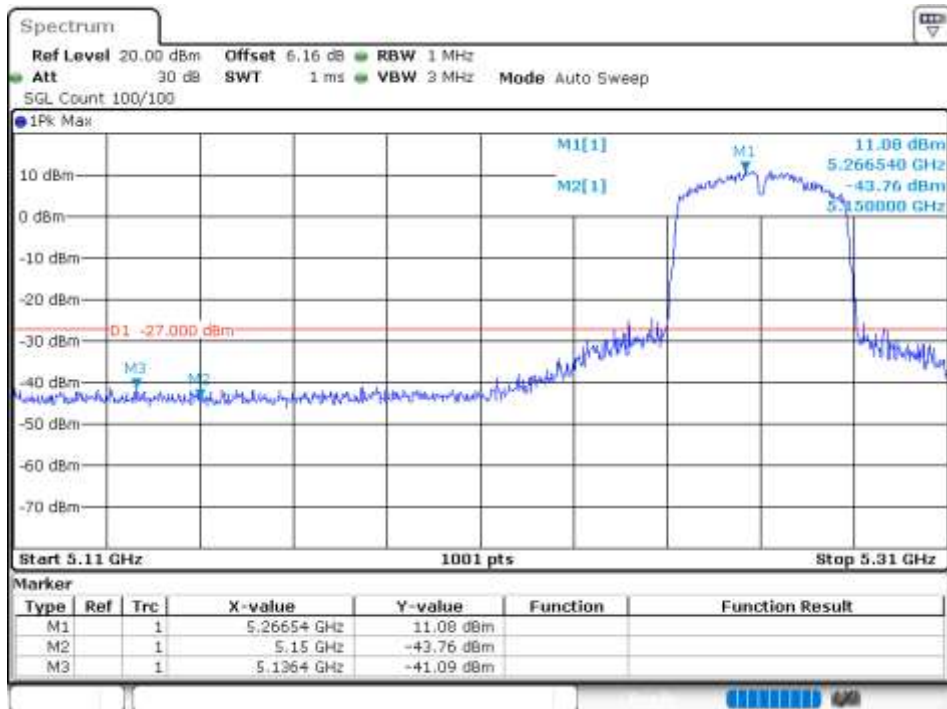
Band Edge NVNT n20 5260MHz Low Ant1



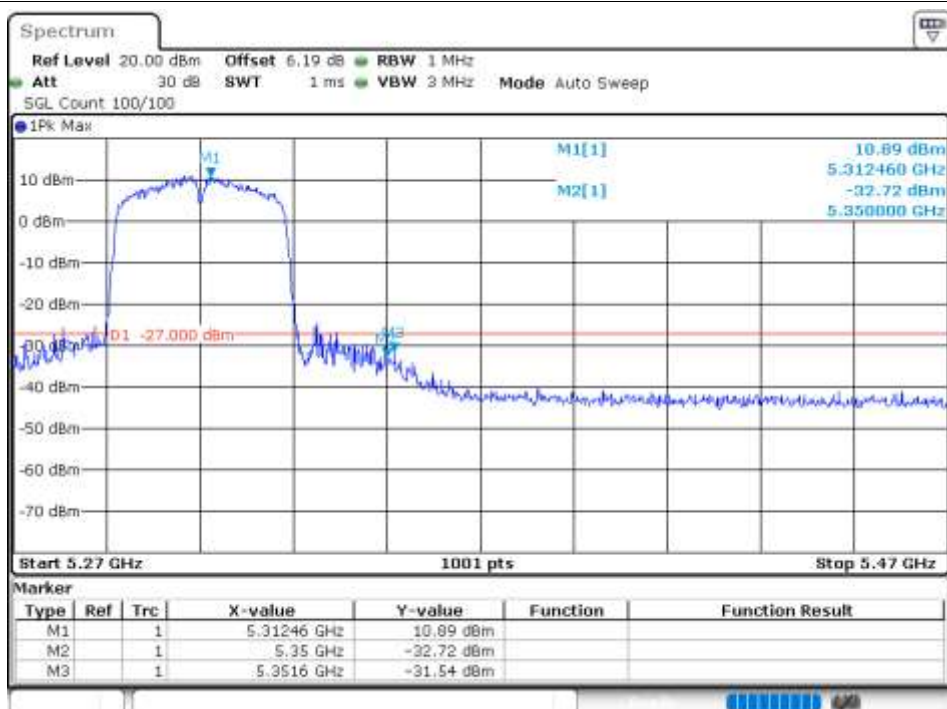
Band Edge NVNT n20 5320MHz High Ant1



Band Edge NVNT n40 5270MHz Low Ant1



Band Edge NVNT n40 5310MHz High Ant1



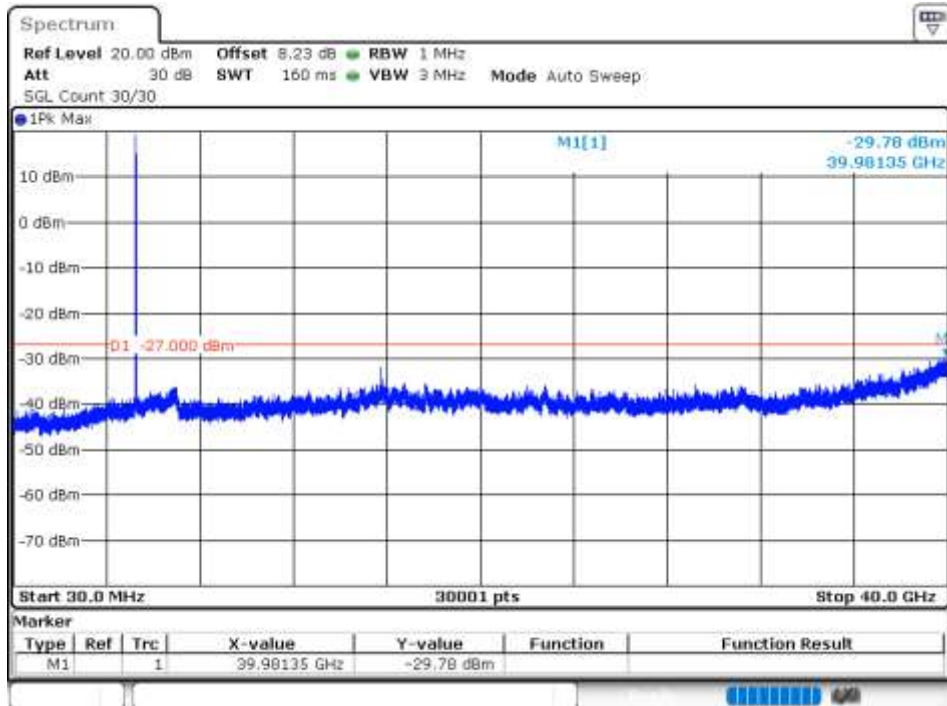
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant2	-29.78	-27	Pass
NVNT	a	5280	Ant2	-29.73	-27	Pass
NVNT	a	5320	Ant2	-29.45	-27	Pass
NVNT	n20	5260	Ant2	-30.53	-27	Pass
NVNT	n20	5280	Ant2	-30.21	-27	Pass
NVNT	n20	5320	Ant2	-30.35	-27	Pass
NVNT	n40	5270	Ant2	-32.68	-27	Pass
NVNT	n40	5310	Ant2	-32.67	-27	Pass

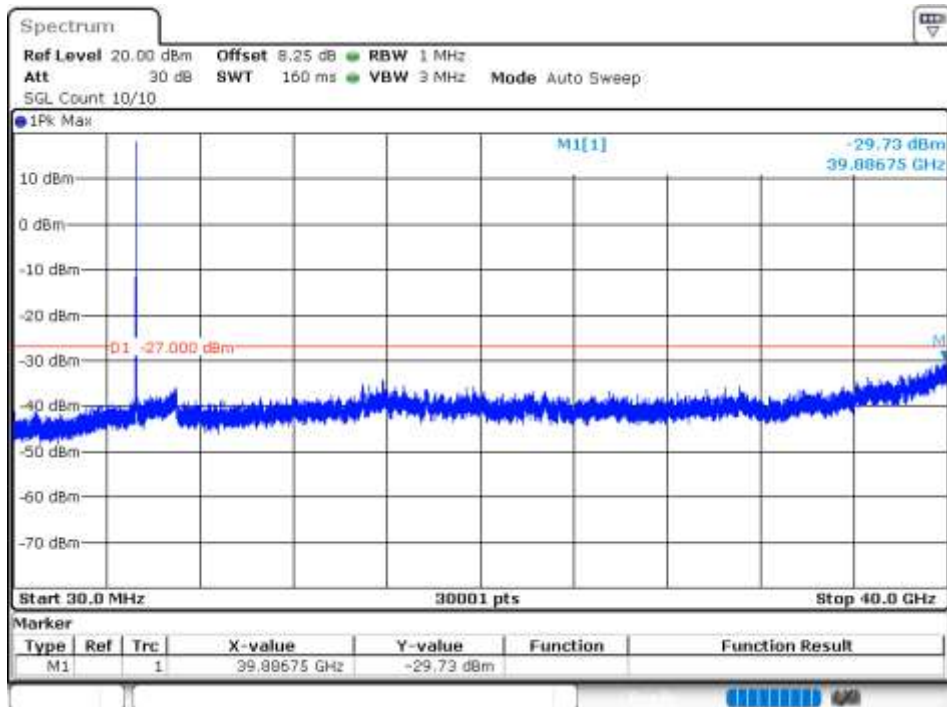
Note: This test has increased antenna gain .

Test Graphs

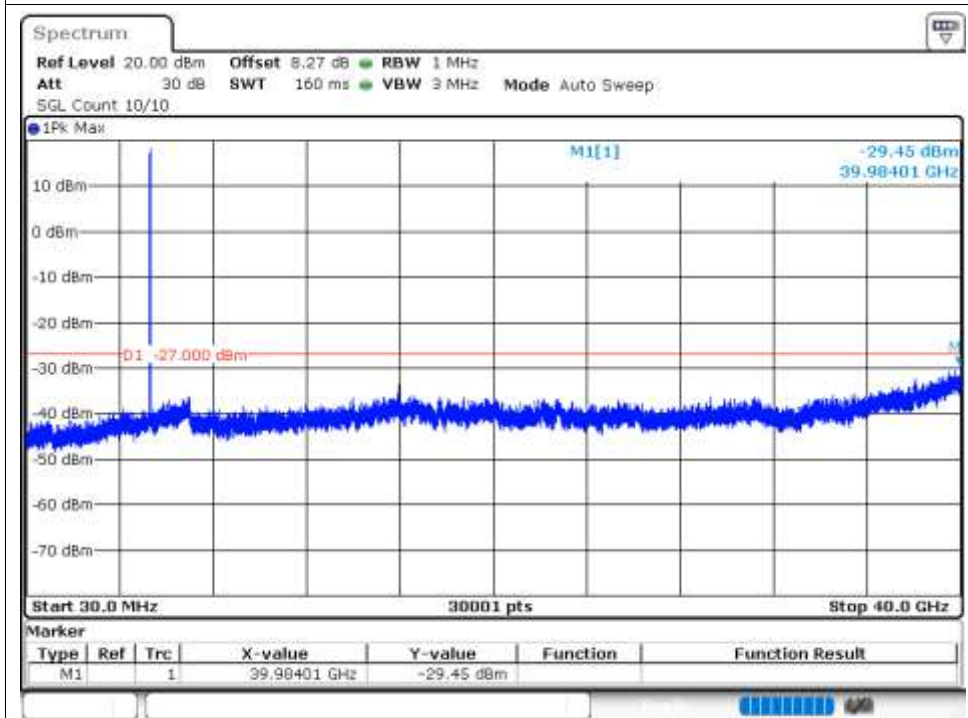
Tx. Spurious NVNT a 5260MHz Ant1 Emission



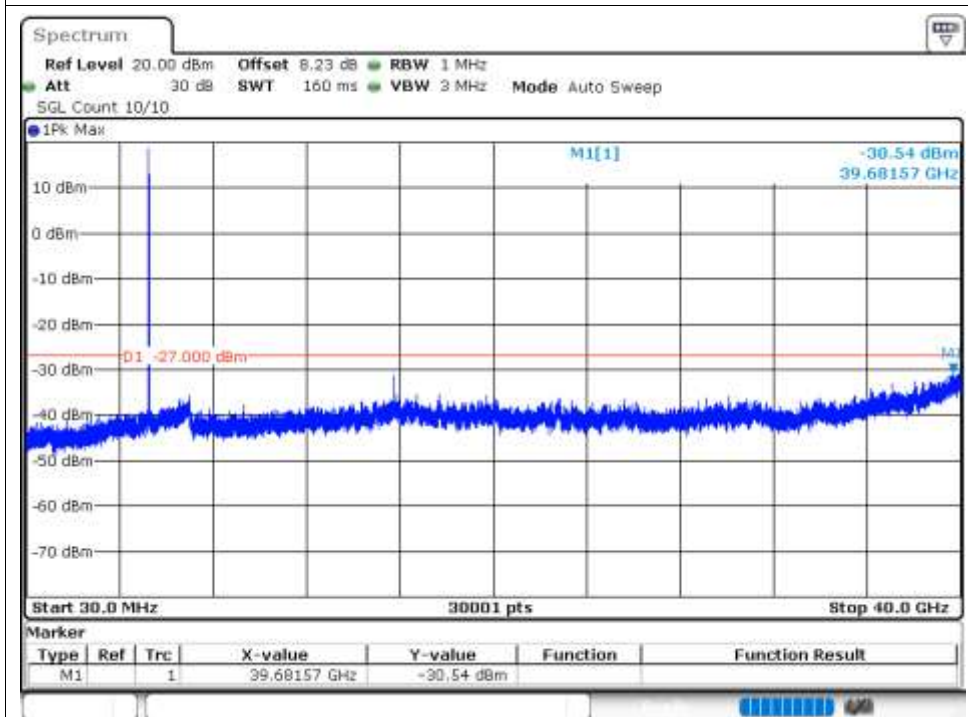
Tx. Spurious NVNT a 5280MHz Ant1 Emission



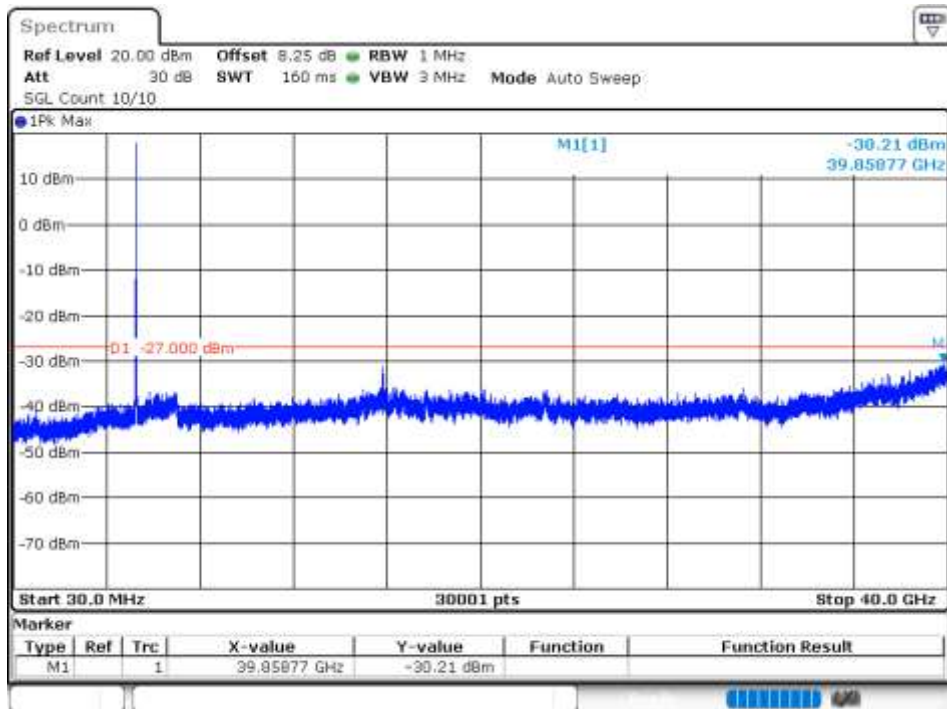
Tx. Spurious NVNT a 5320MHz Ant1 Emission



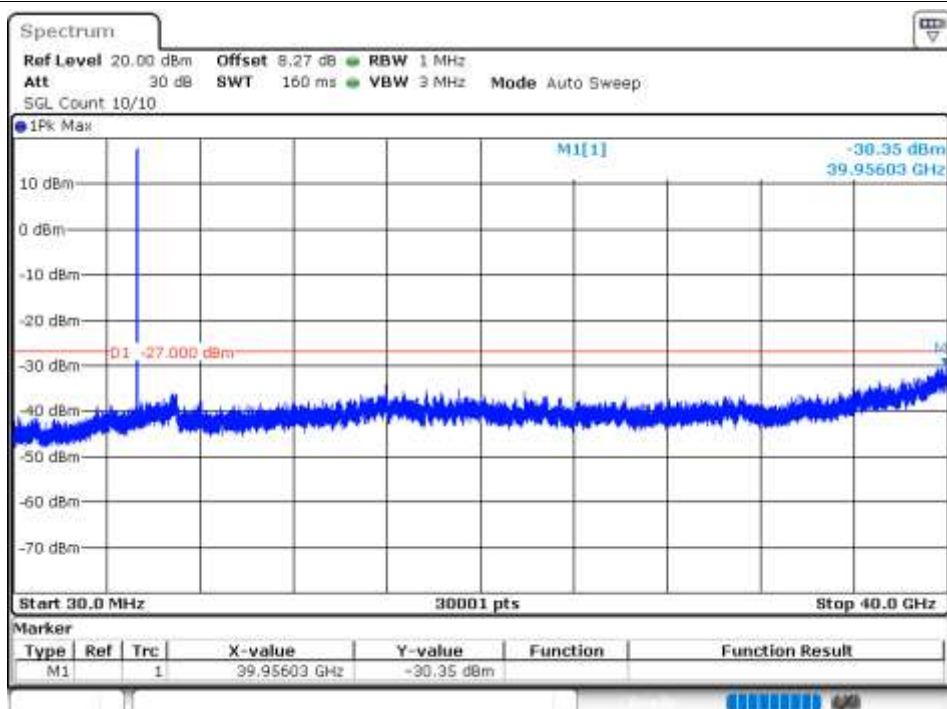
Tx. Spurious NVNT n20 5260MHz Ant1 Emission



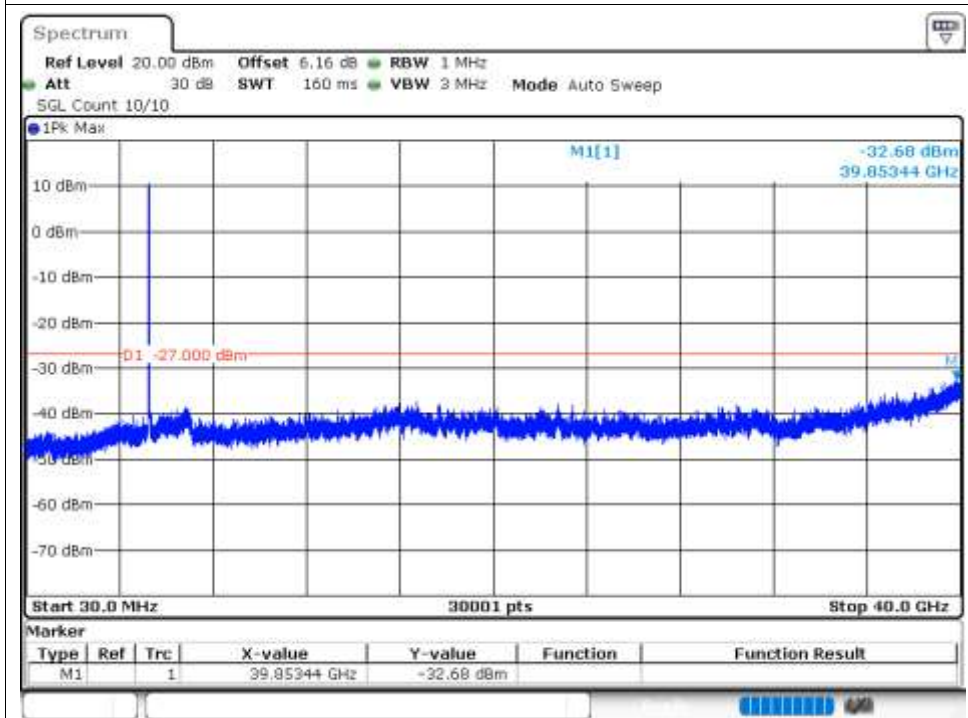
Tx. Spurious NVNT n20 5280MHz Ant1 Emission



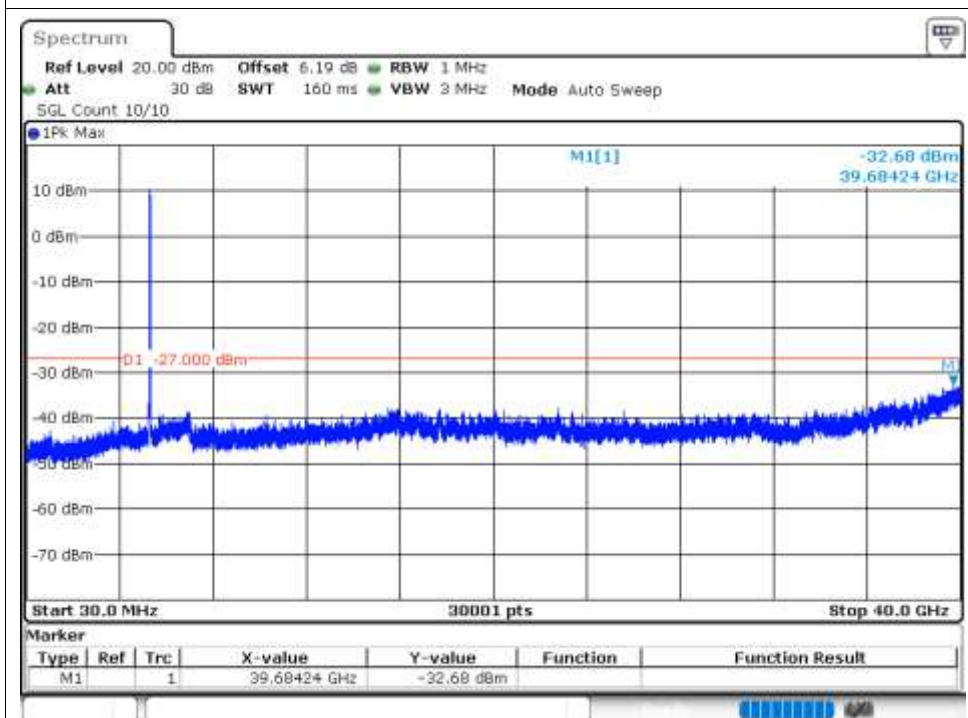
Tx. Spurious NVNT n20 5320MHz Ant1 Emission



Tx. Spurious NVNT n40 5270MHz Ant1 Emission



Tx. Spurious NVNT n40 5310MHz Ant1 Emission



5.6G WIFI

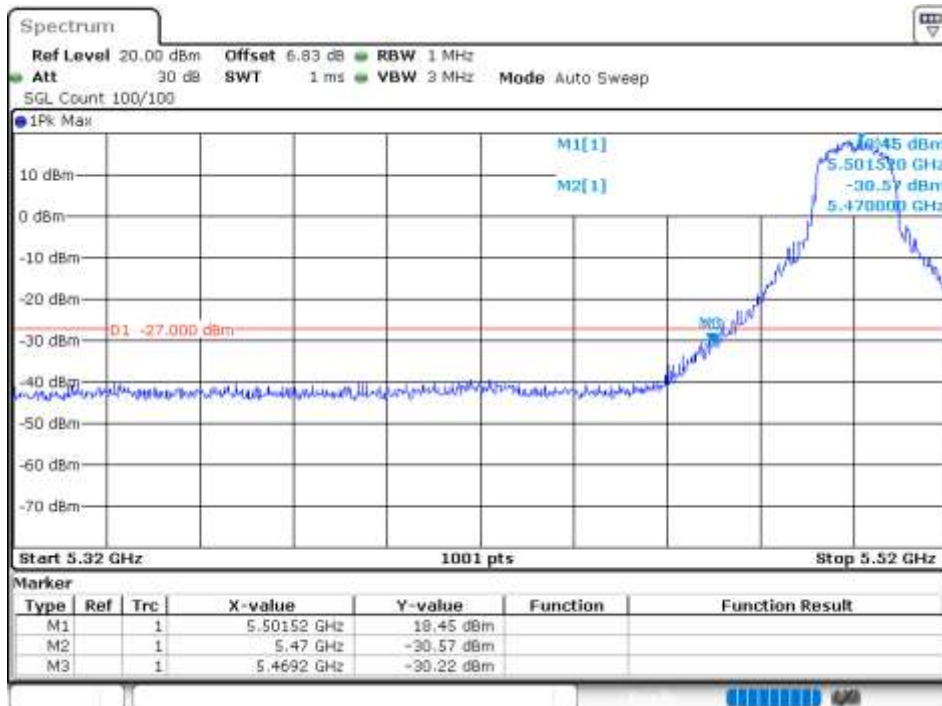
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant2	-30.21	-27	Pass
NVNT	a	5700	Ant2	-27.87	-27	Pass
NVNT	n20	5500	Ant2	-27.99	-27	Pass
NVNT	n20	5700	Ant2	-31.95	-27	Pass
NVNT	n40	5510	Ant2	-28.8	-27	Pass
NVNT	n40	5670	Ant2	-30.67	-27	Pass

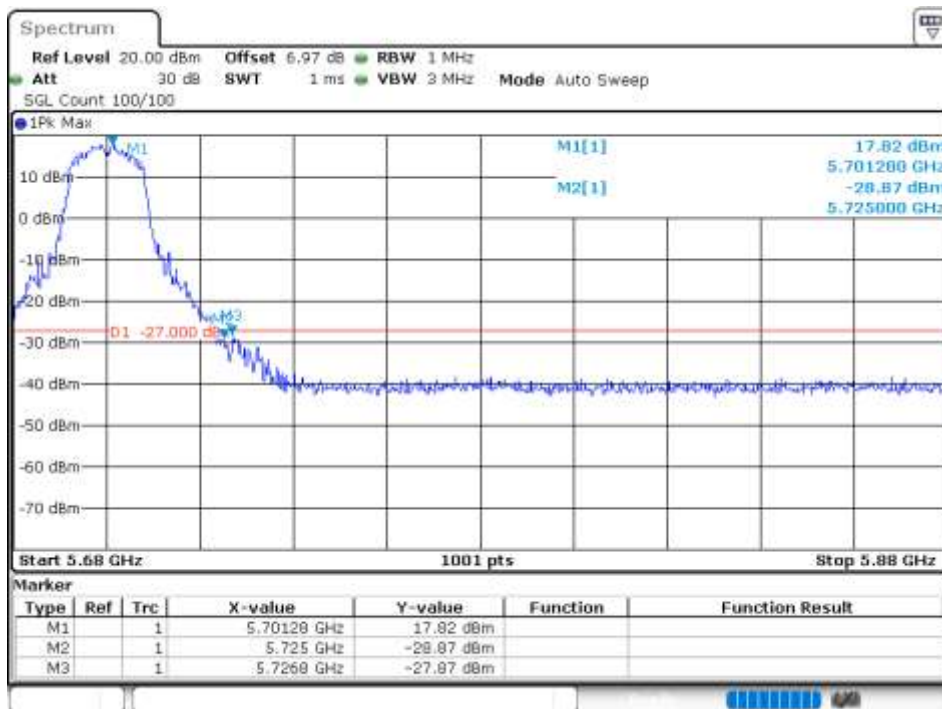
Note: This test has increased antenna gain .

Test Graphs

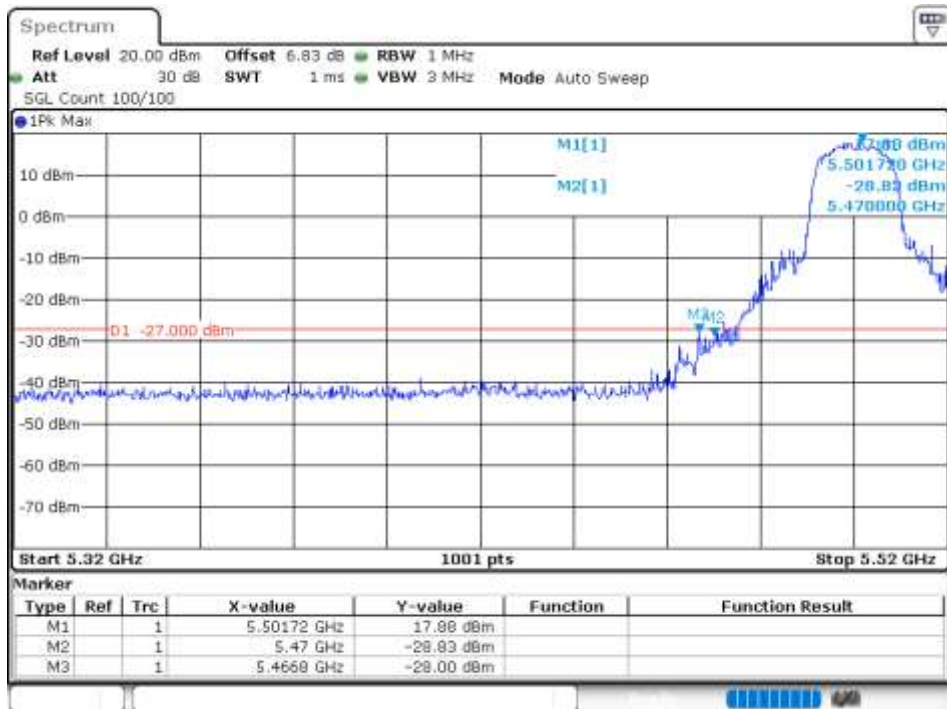
Band Edge NVNT a 5500MHz Low Ant1



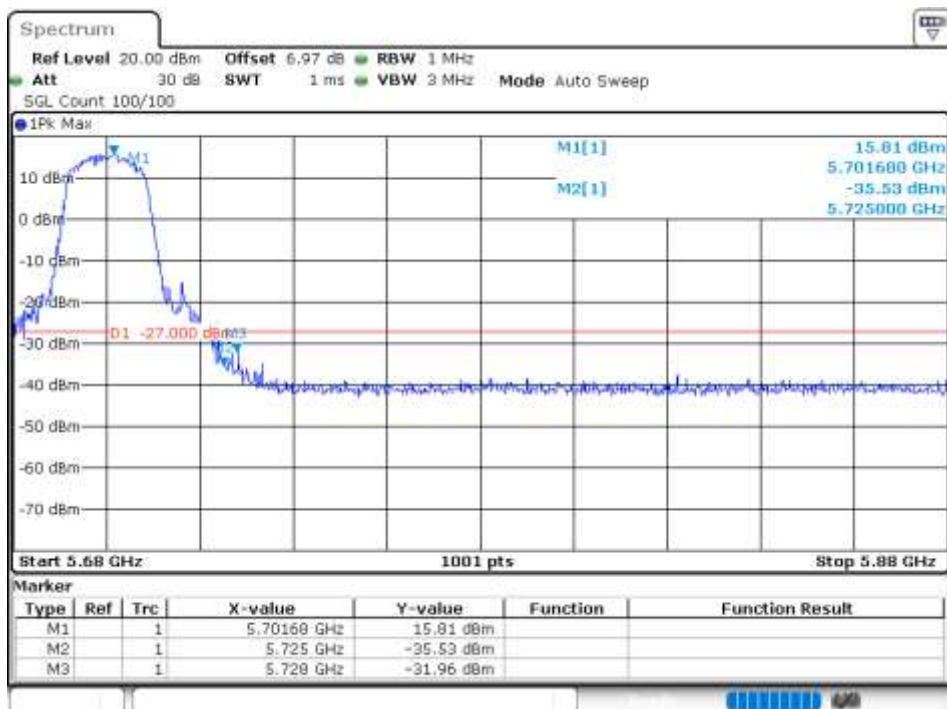
Band Edge NVNT a 5700MHz High Ant1



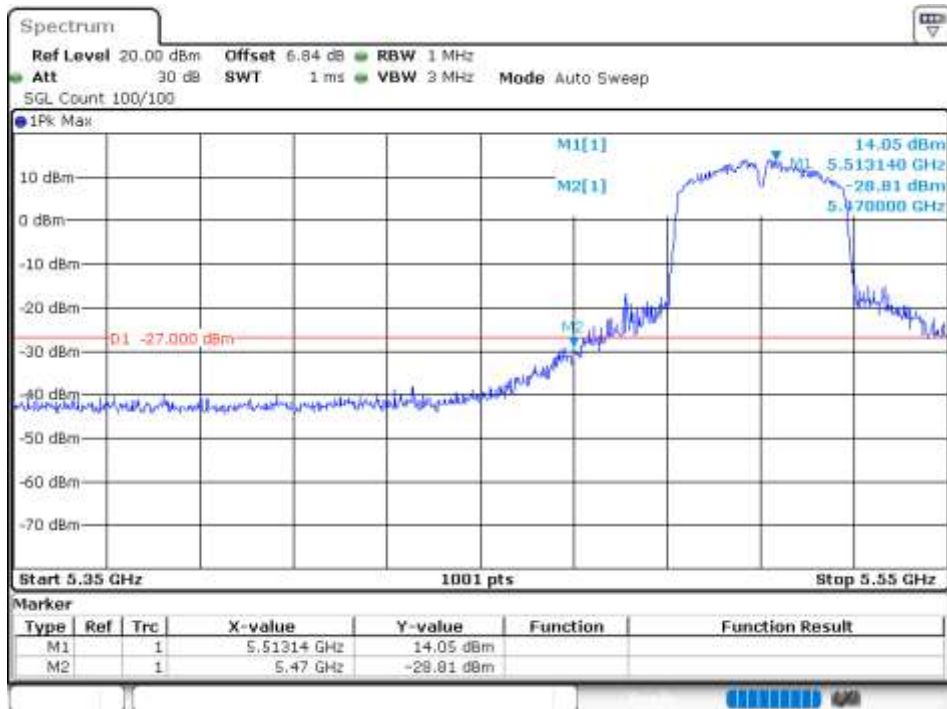
Band Edge NVNT n20 5500MHz Low Ant1



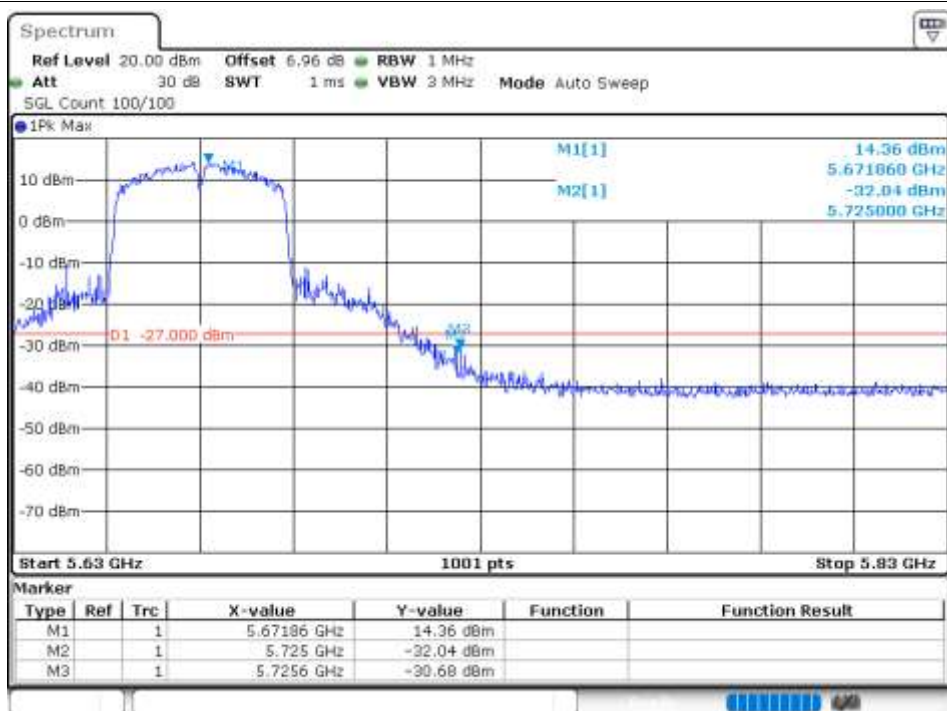
Band Edge NVNT n20 5700MHz High Ant1



Band Edge NVNT n40 5510MHz Low Ant1



Band Edge NVNT n40 5670MHz High Ant1



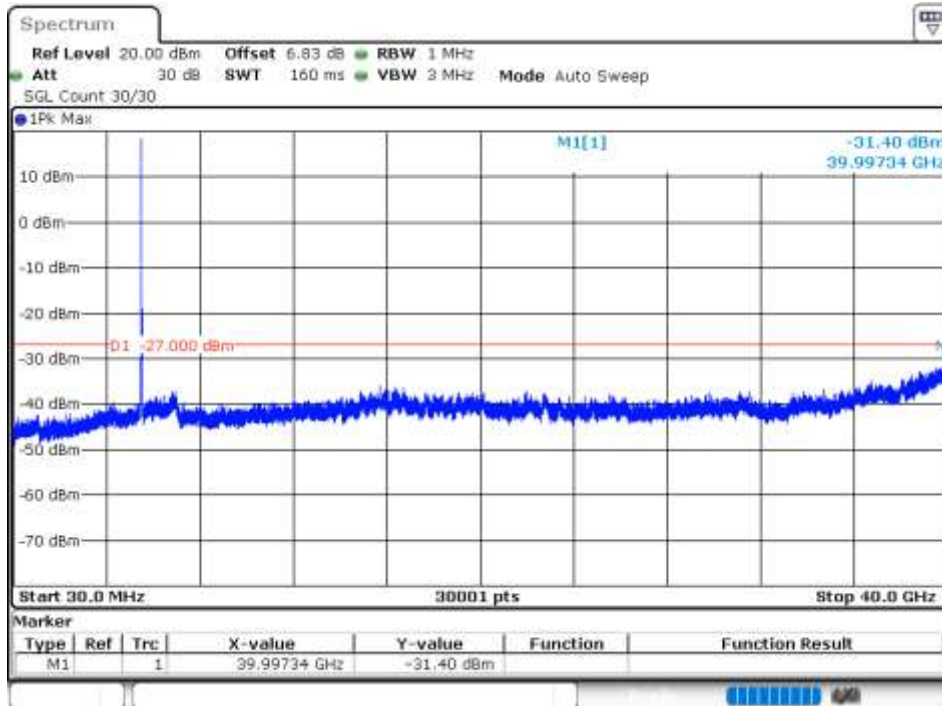
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant2	-31.39	-27	Pass
NVNT	a	5600	Ant2	-31.4	-27	Pass
NVNT	a	5700	Ant2	-31.26	-27	Pass
NVNT	n20	5500	Ant2	-30.75	-27	Pass
NVNT	n20	5600	Ant2	-31.44	-27	Pass
NVNT	n20	5700	Ant2	-31.15	-27	Pass
NVNT	n40	5510	Ant2	-31.91	-27	Pass
NVNT	n40	5590	Ant2	-31.51	-27	Pass
NVNT	n40	5670	Ant2	-31.18	-27	Pass

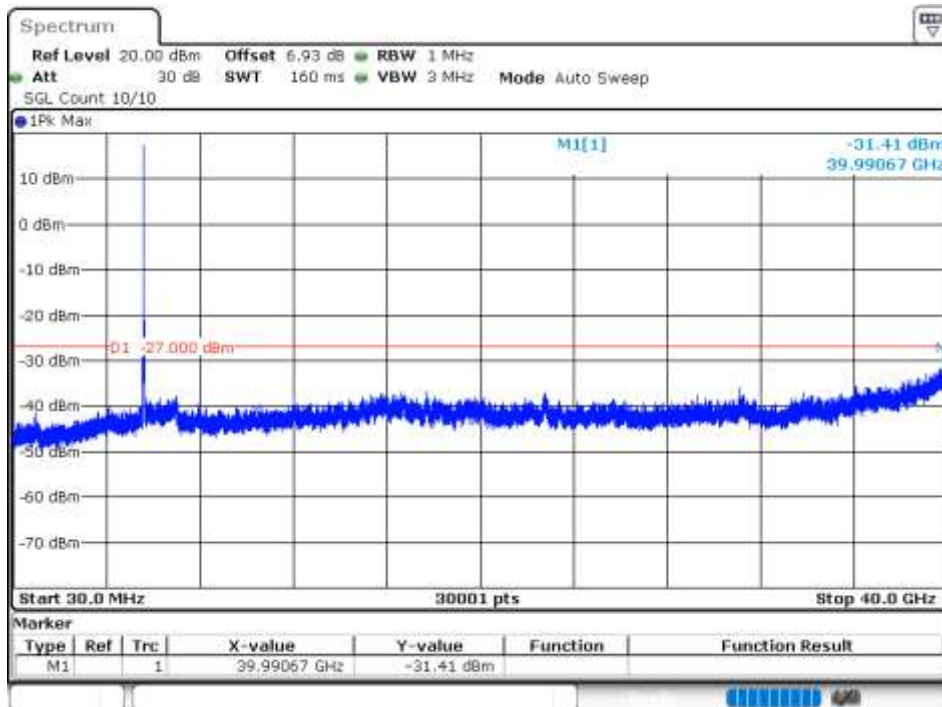
Note: This test has increased antenna gain .

Test Graphs

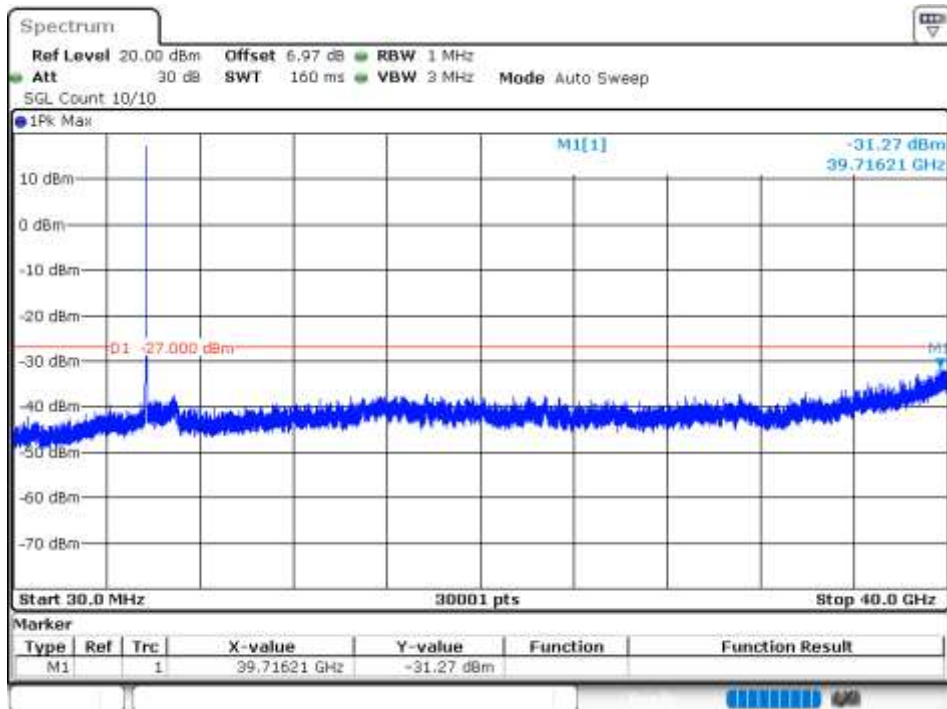
Tx. Spurious NVNT a 5500MHz Ant1 Emission



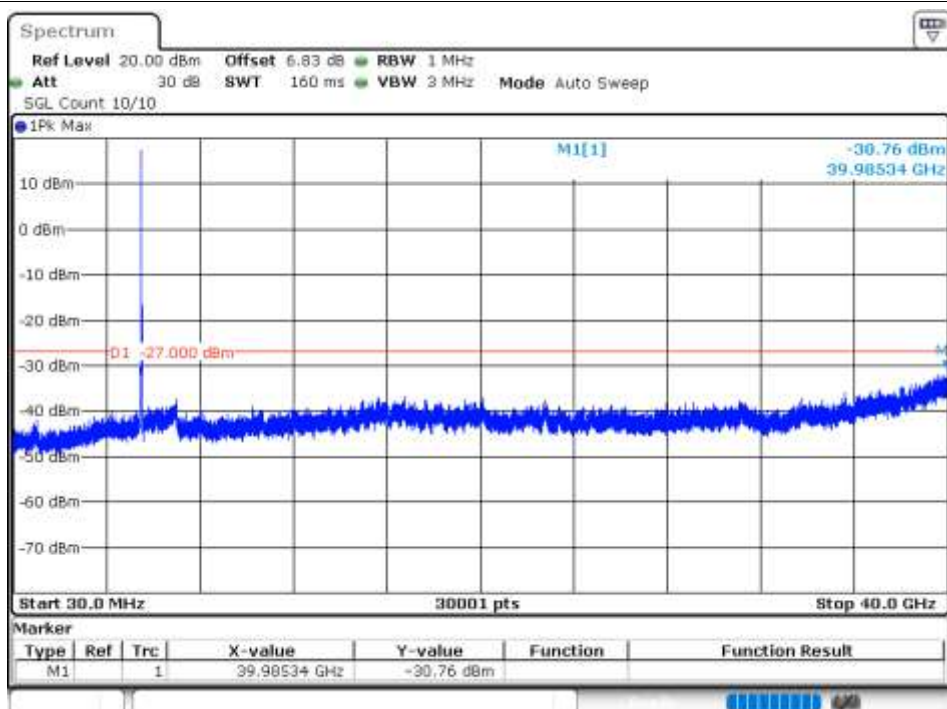
Tx. Spurious NVNT a 5600MHz Ant1 Emission



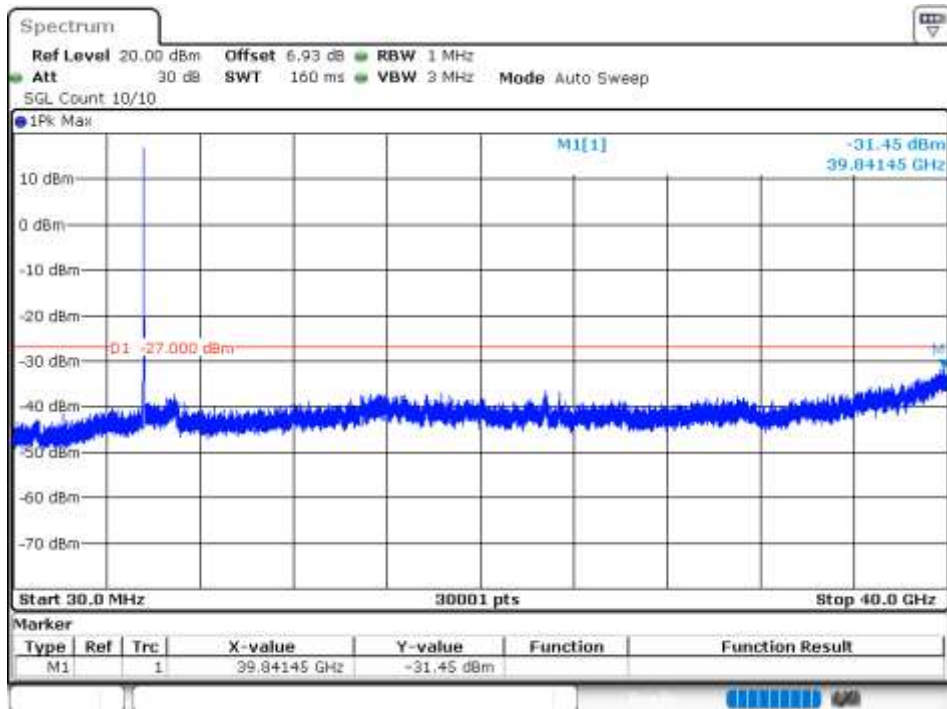
Tx. Spurious NVNT a 5700MHz Ant1 Emission



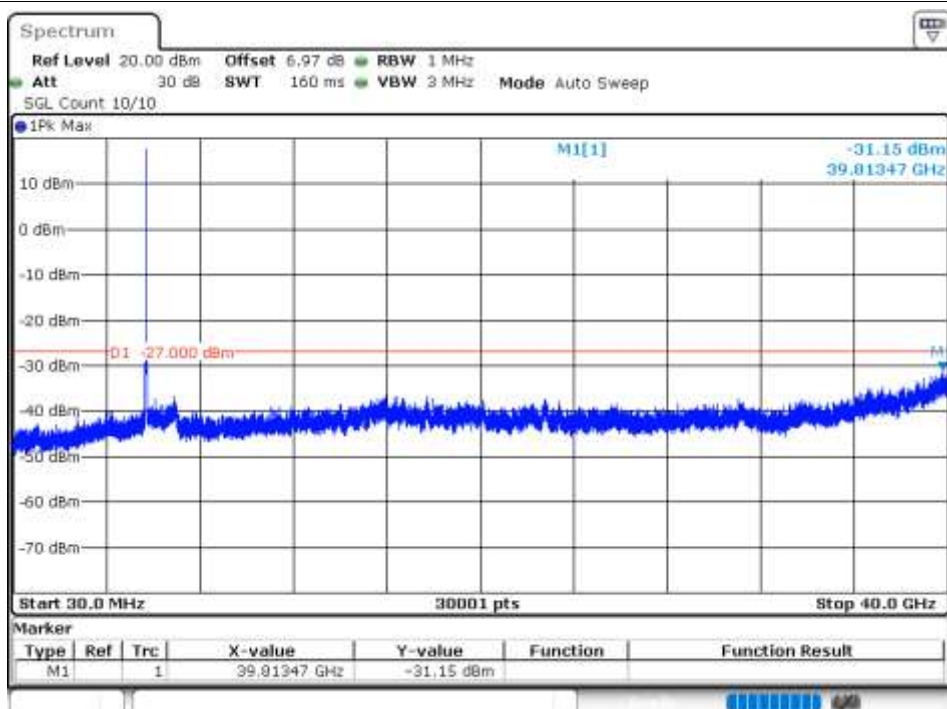
Tx. Spurious NVNT n20 5500MHz Ant1 Emission



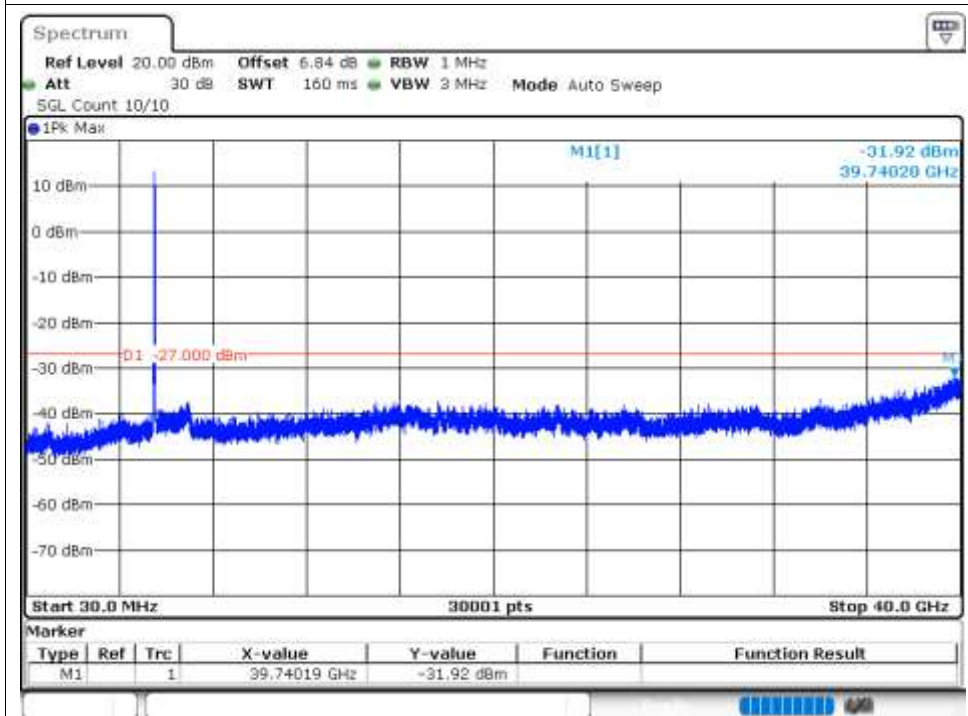
Tx. Spurious NVNT n20 5600MHz Ant1 Emission



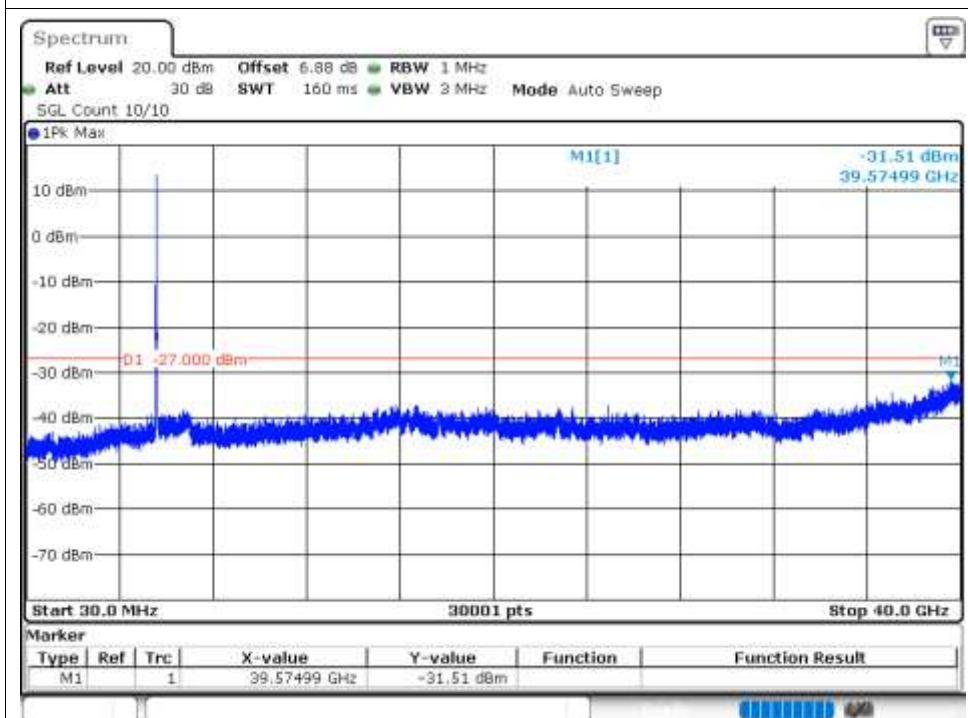
Tx. Spurious NVNT n20 5700MHz Ant1 Emission

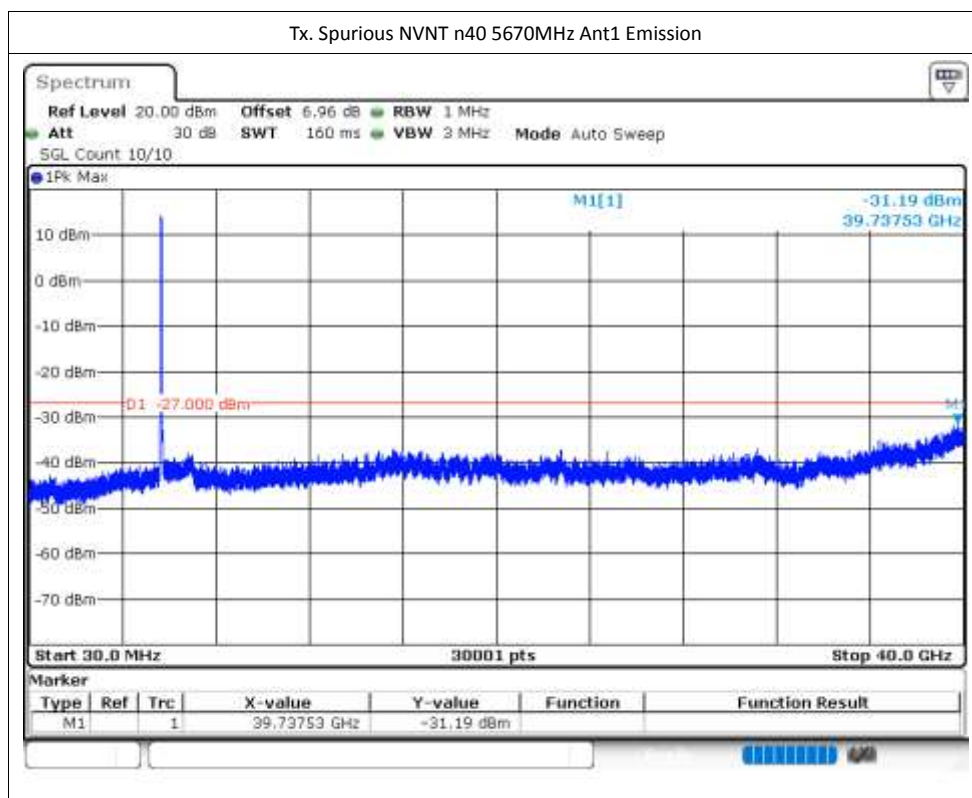


Tx. Spurious NVNT n40 5510MHz Ant1 Emission



Tx. Spurious NVNT n40 5590MHz Ant1 Emission





5.8G WIFI

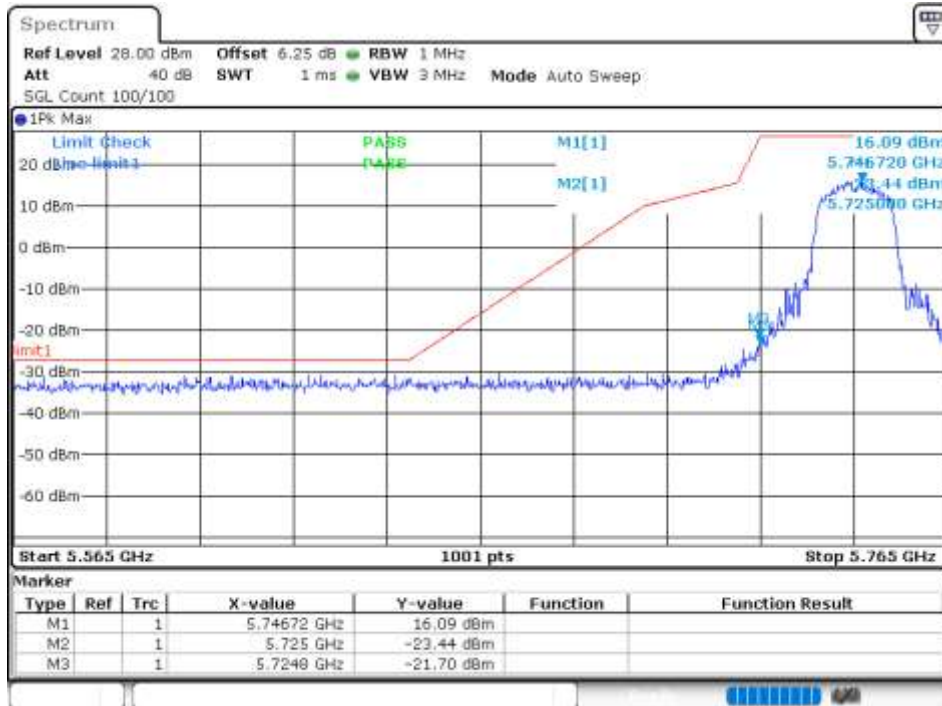
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant2	-21.7	Pass
NVNT	a	5825	Ant2	-27.54	Pass
NVNT	n20	5745	Ant2	-16.69	Pass
NVNT	n20	5825	Ant2	-24.76	Pass
NVNT	n40	5755	Ant2	-19.03	Pass
NVNT	n40	5795	Ant2	-29.39	Pass

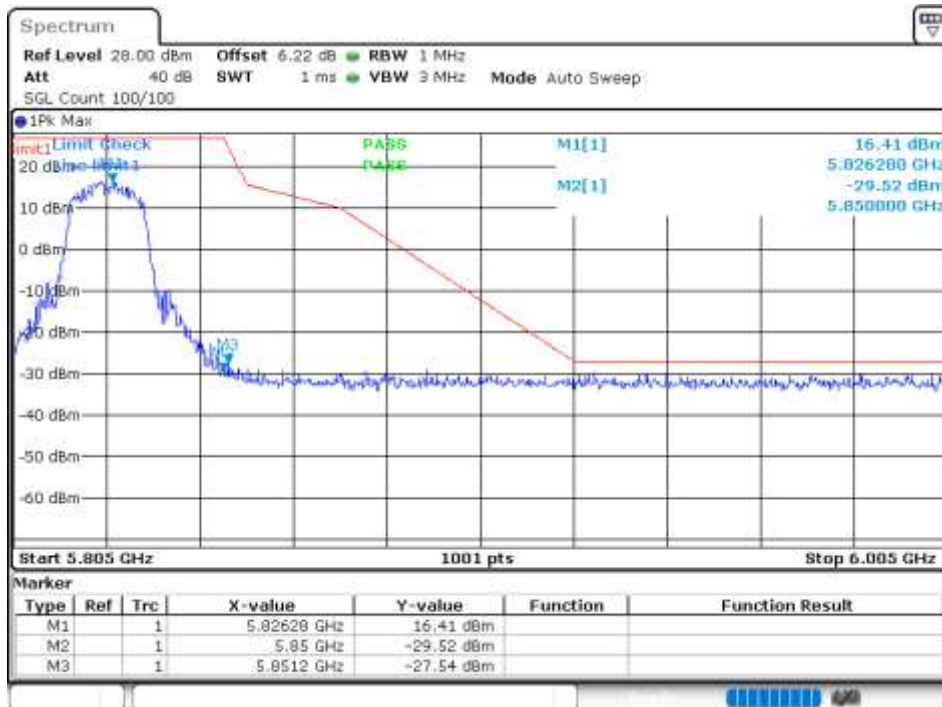
Note: This test has increased antenna gain .

Test Graphs

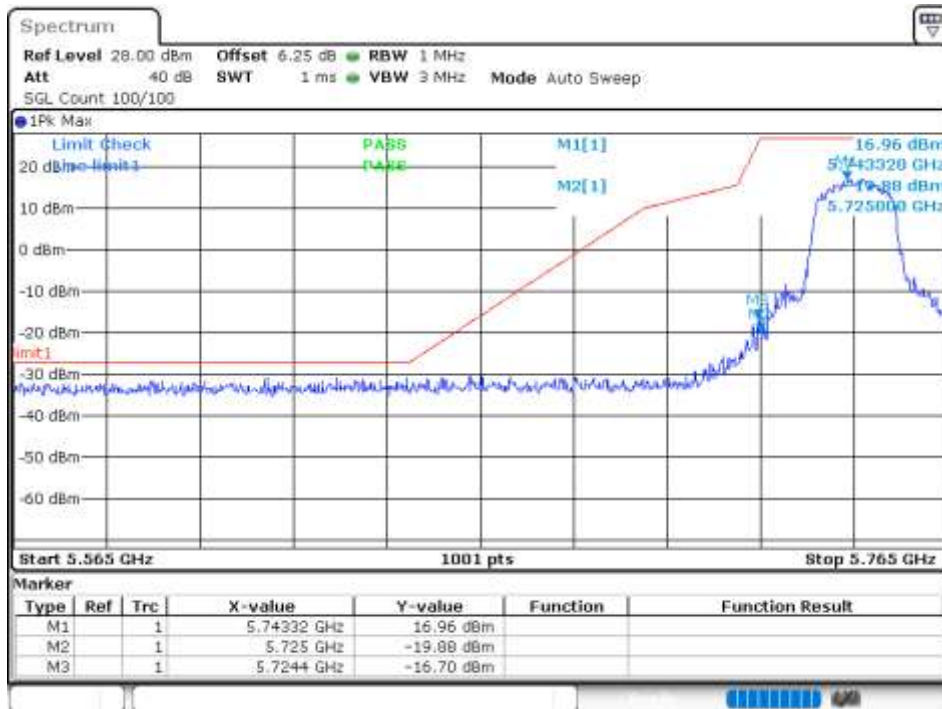
Band Edge NVNT a 5745MHz Low Ant1



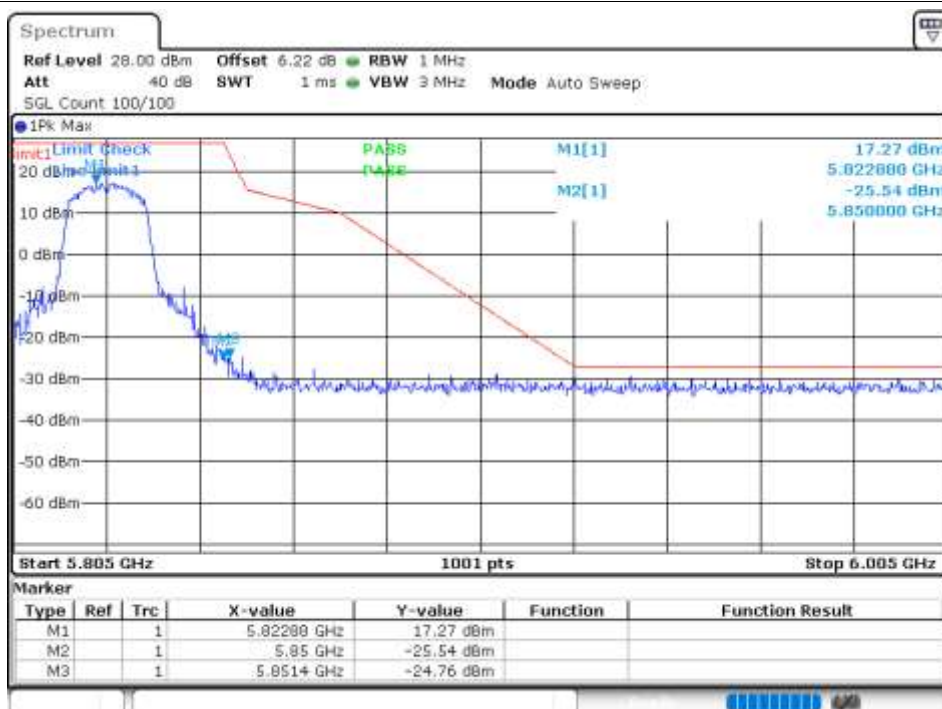
Band Edge NVNT a 5825MHz High Ant1



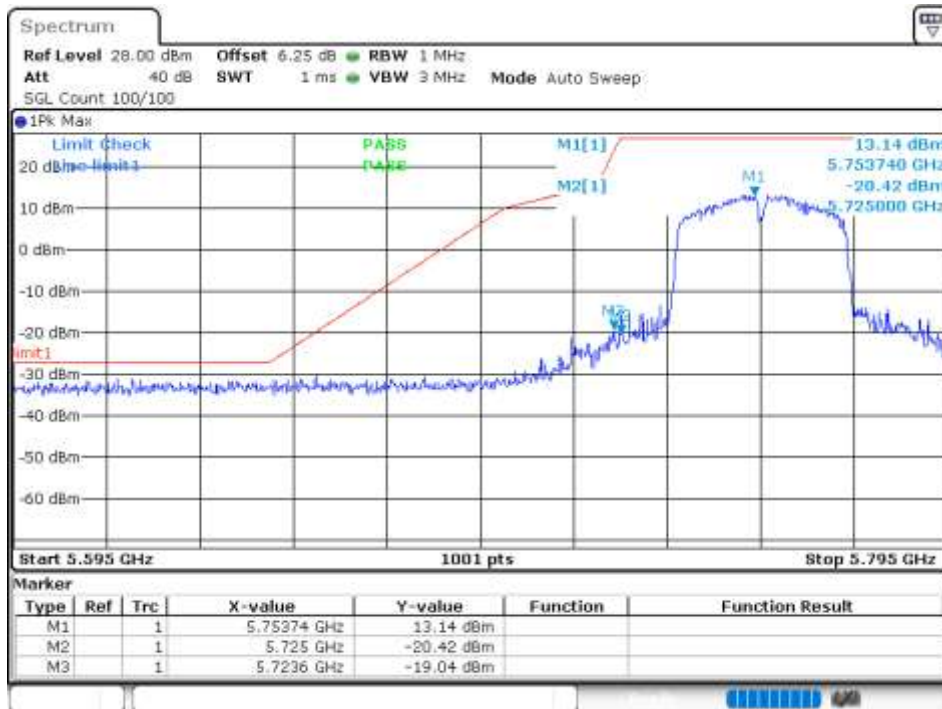
Band Edge NVNT n20 5745MHz Low Ant1



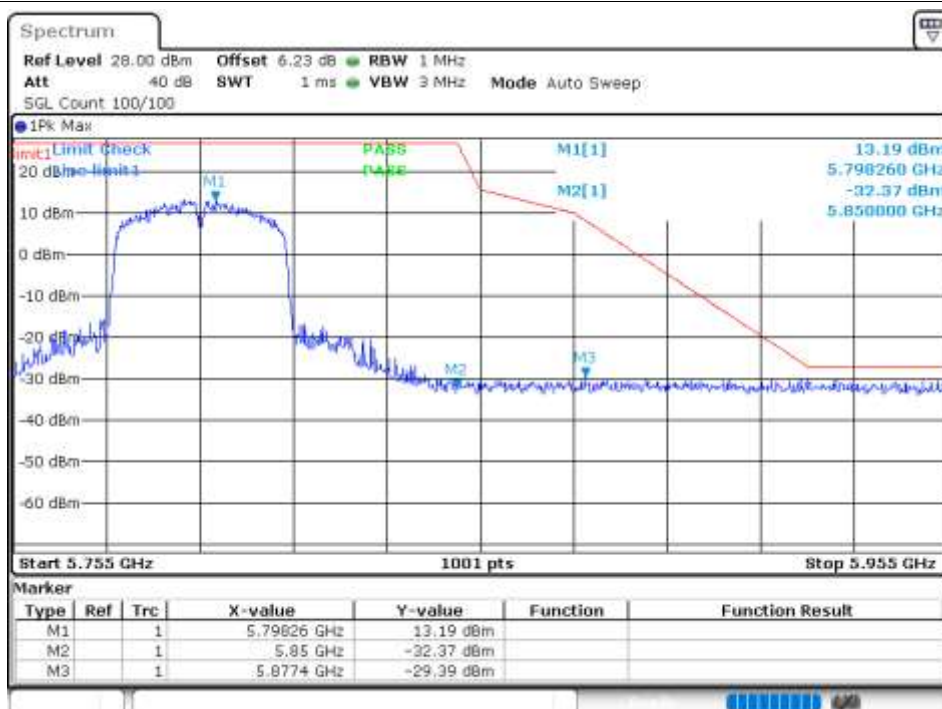
Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant1



Band Edge NVNT n40 5795MHz High Ant1



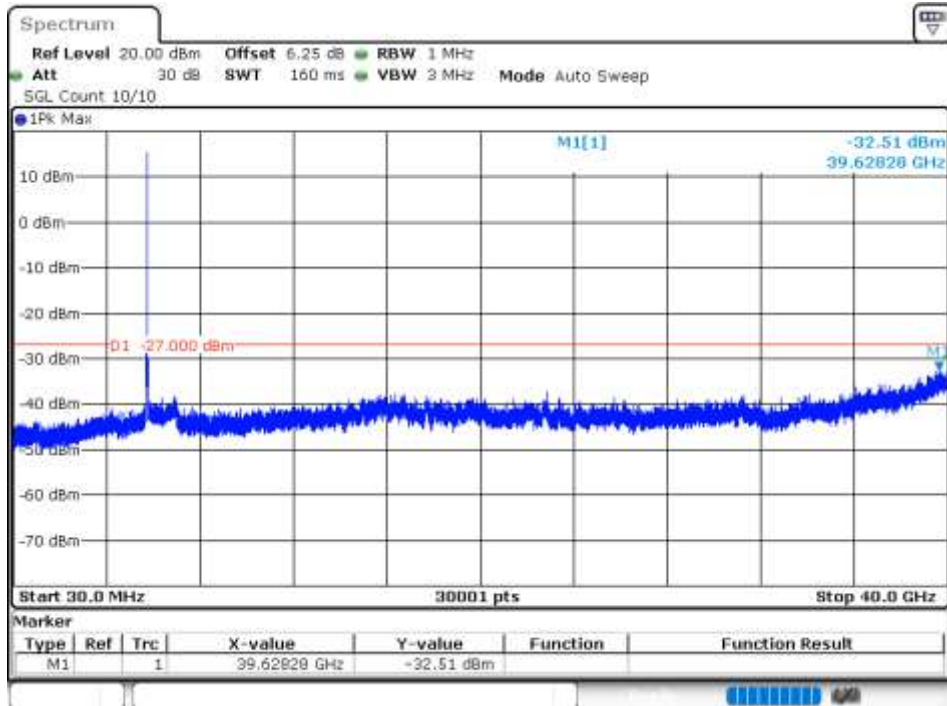
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	-32.5	-27	Pass
NVNT	a	5785	Ant2	-32.8	-27	Pass
NVNT	a	5825	Ant2	-32.21	-27	Pass
NVNT	n20	5745	Ant2	-31.86	-27	Pass
NVNT	n20	5785	Ant2	-32.2	-27	Pass
NVNT	n20	5825	Ant2	-32.57	-27	Pass
NVNT	n40	5755	Ant2	-32.12	-27	Pass
NVNT	n40	5795	Ant2	-31.11	-27	Pass

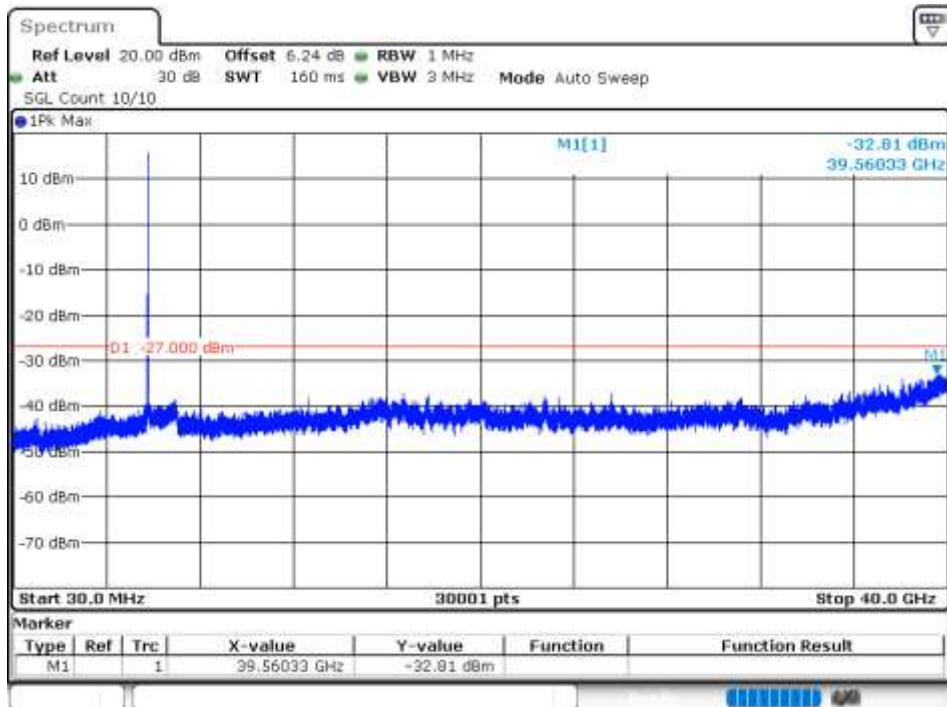
Note: This test has increased antenna gain .

Test Graphs

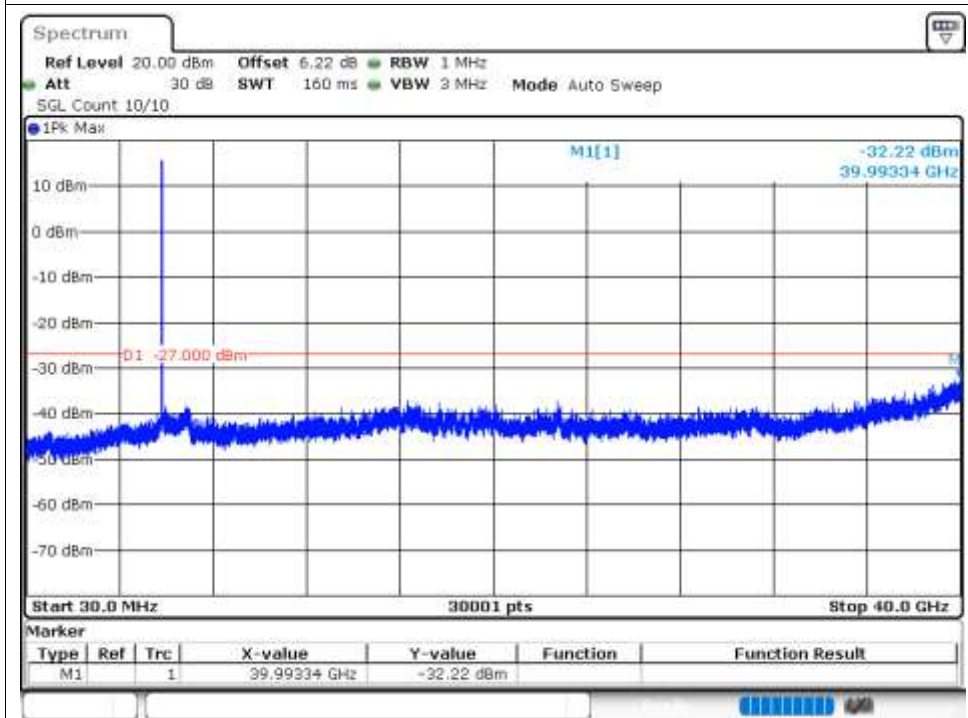
Tx. Spurious NVNT a 5745MHz Ant1 Emission



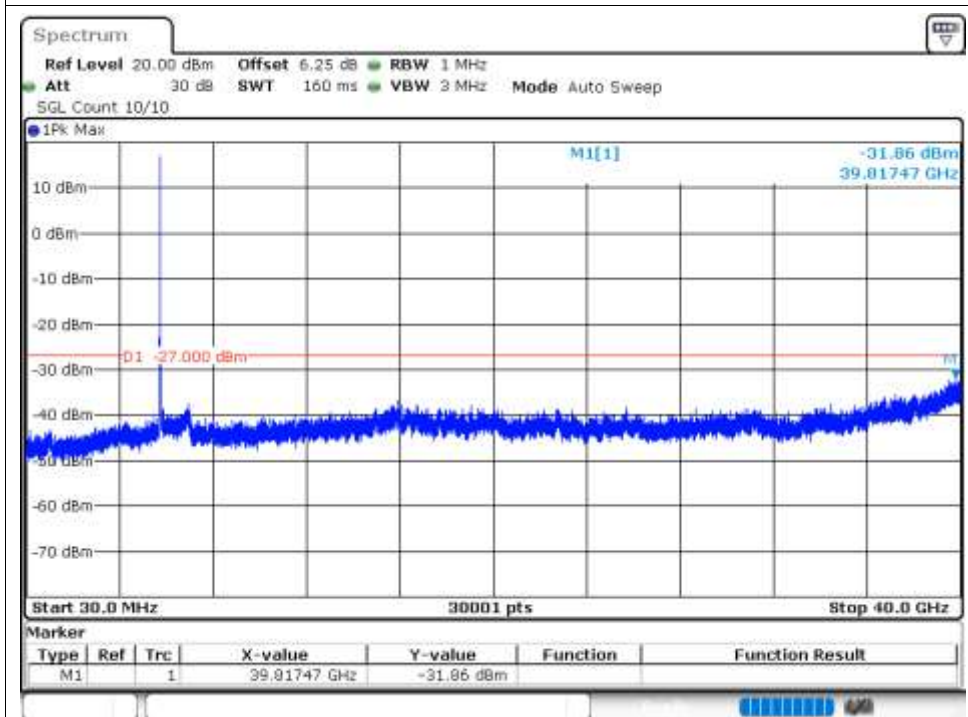
Tx. Spurious NVNT a 5785MHz Ant1 Emission



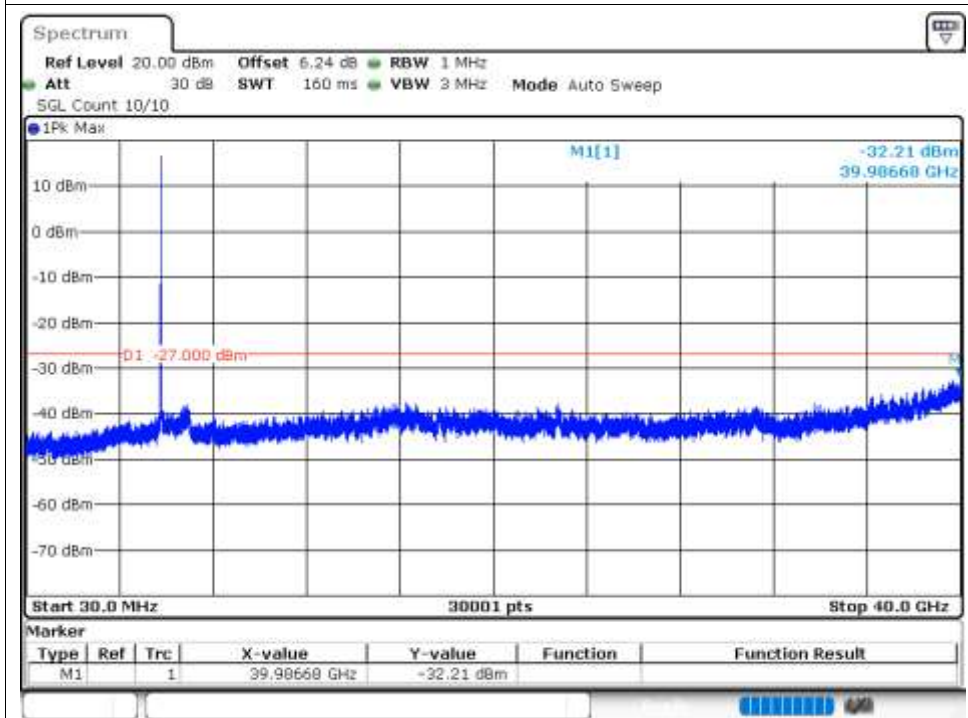
Tx. Spurious NVNT a 5825MHz Ant1 Emission



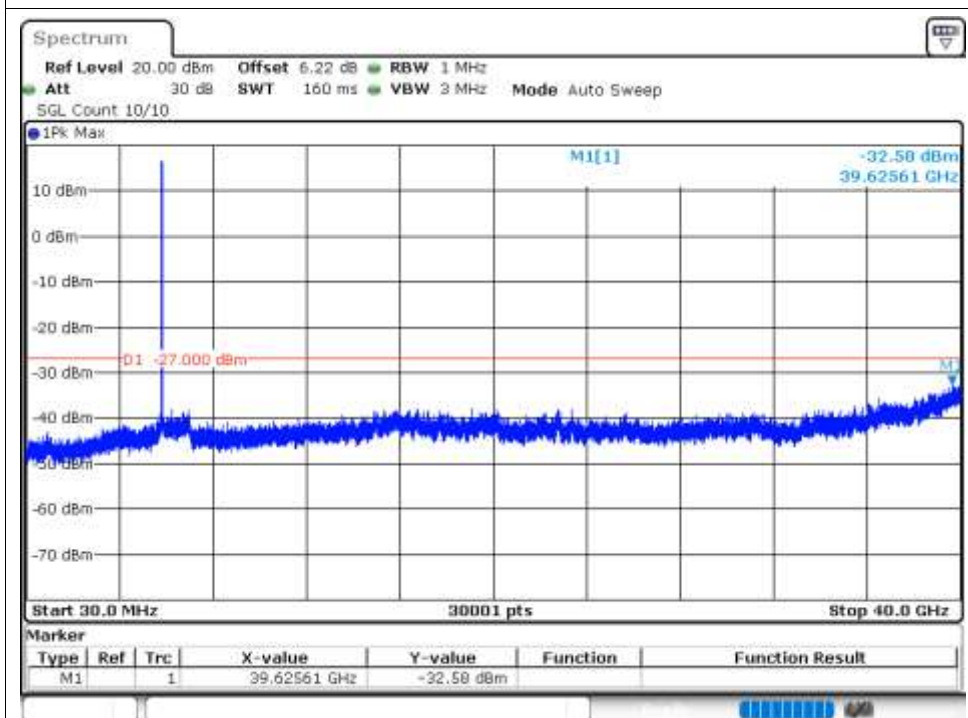
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



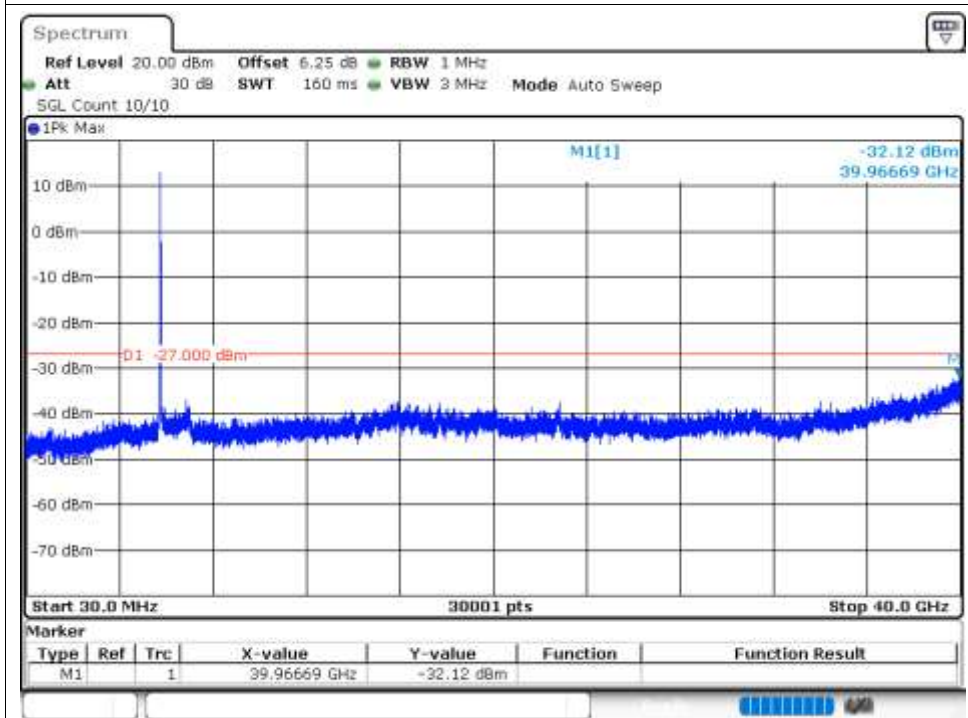
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



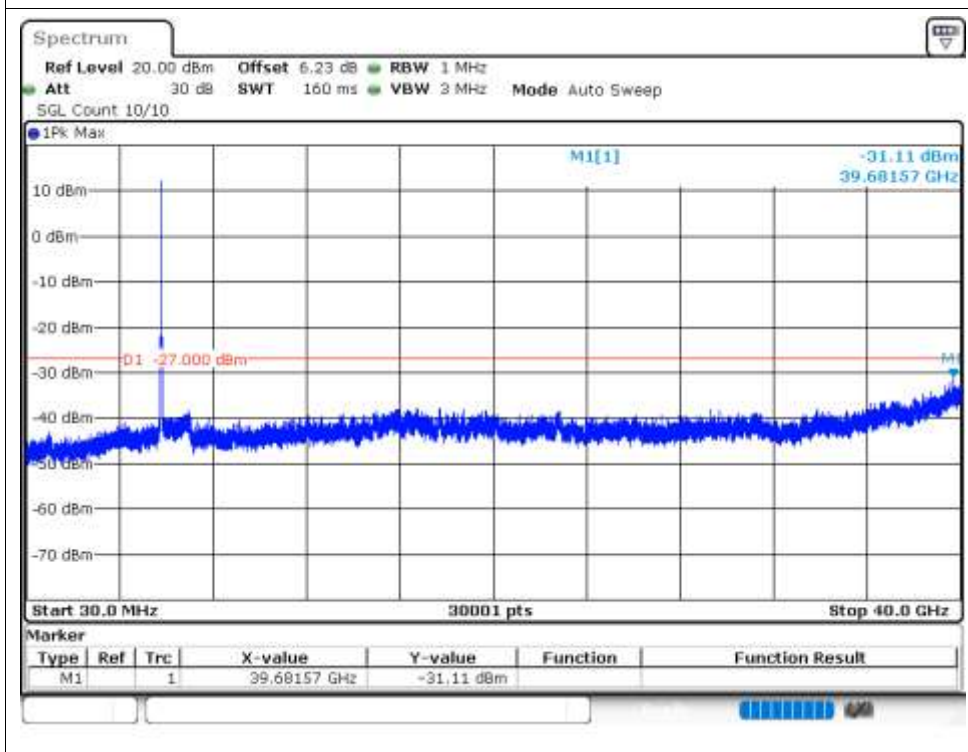
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



Tx. Spurious NVNT n40 5755MHz Ant1 Emission



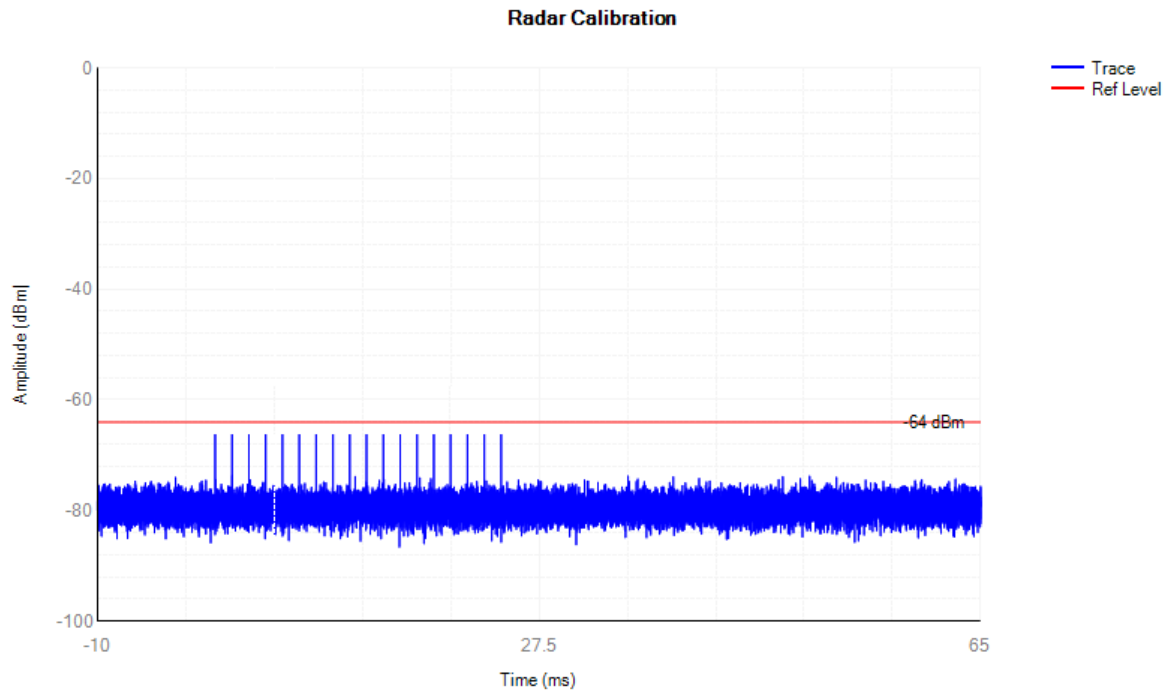
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



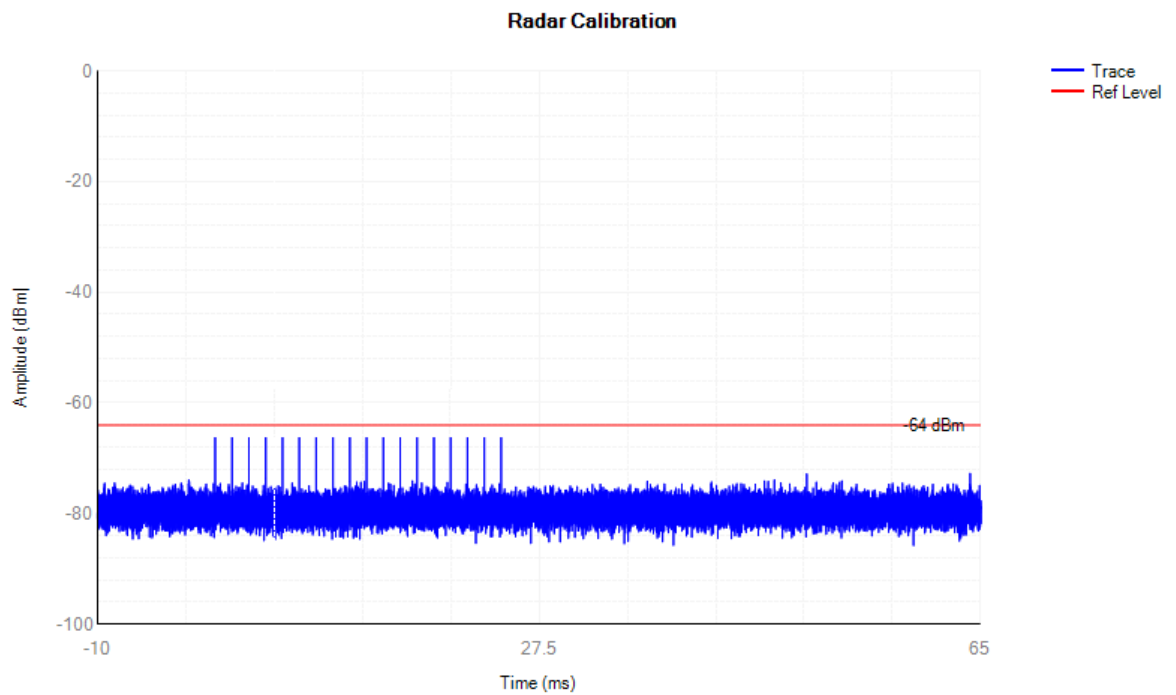
DFS

Calibration

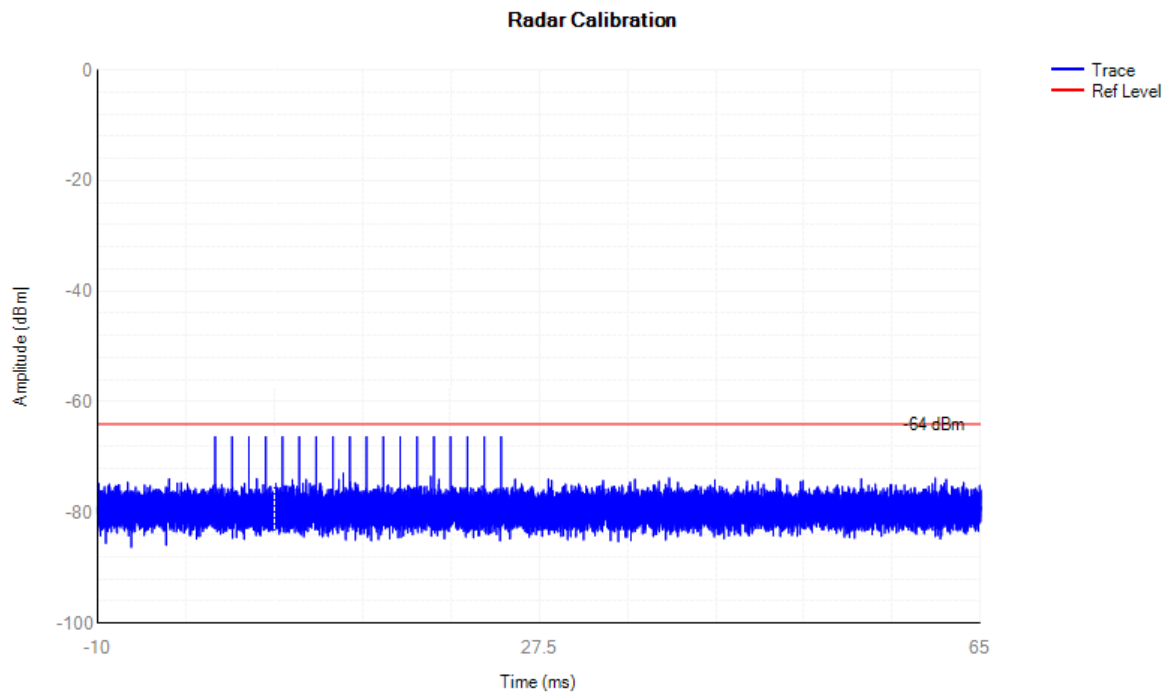
5310MHz n40 DFS_FCC_T0



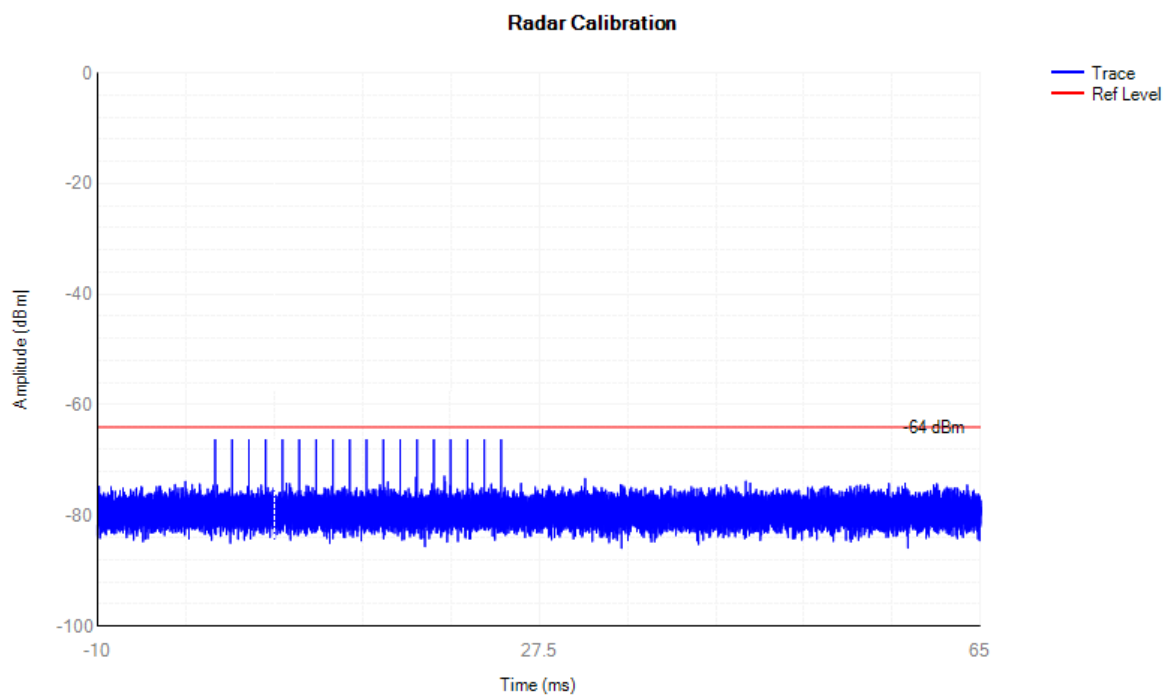
5510MHz n40 DFS_FCC_T0



5320MHz a DFS_FCC_T0

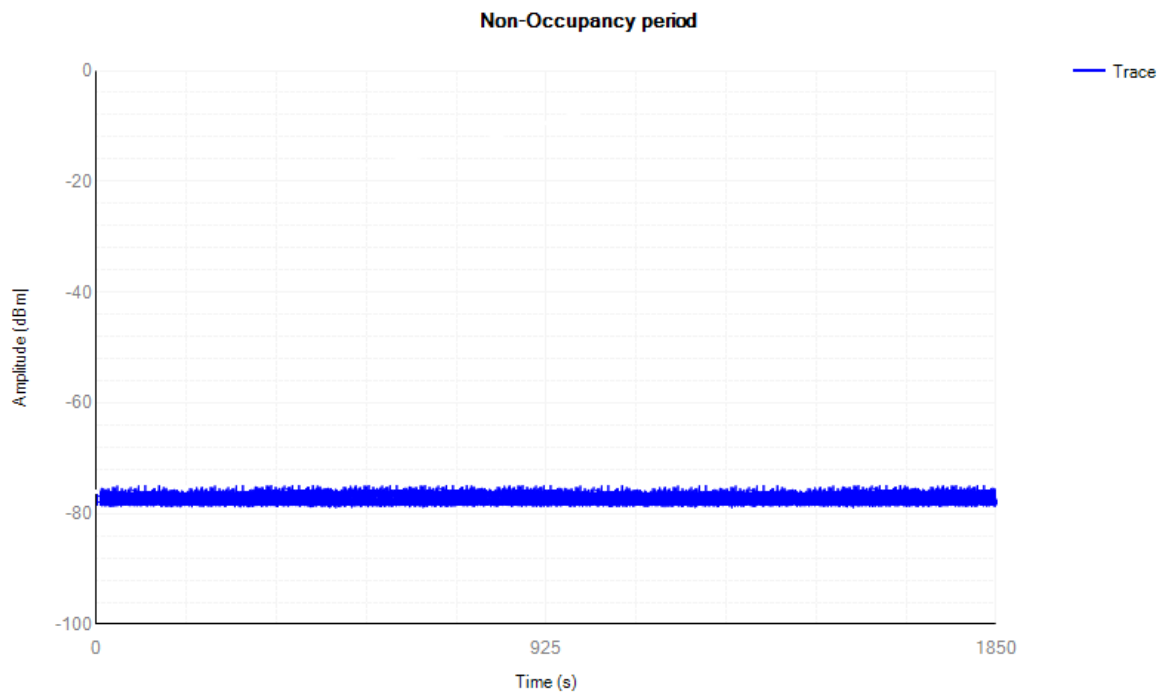


5500MHz a DFS_FCC_T0

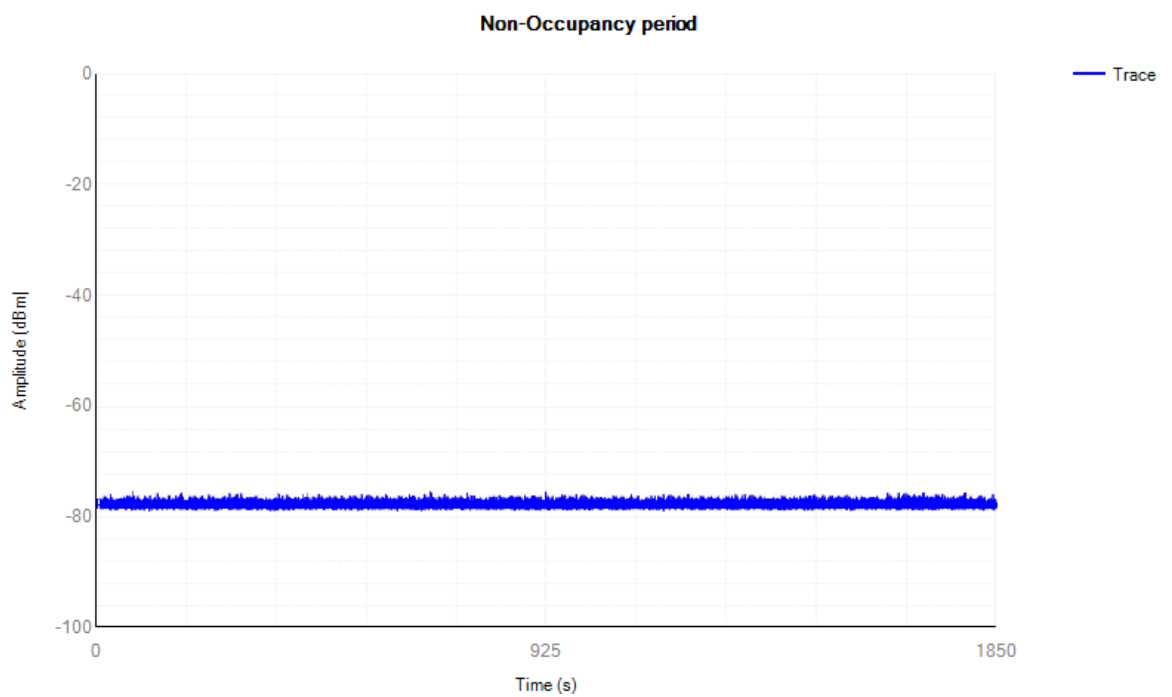


Non-Occupancy

5310MHz n40 Non-Occupancy

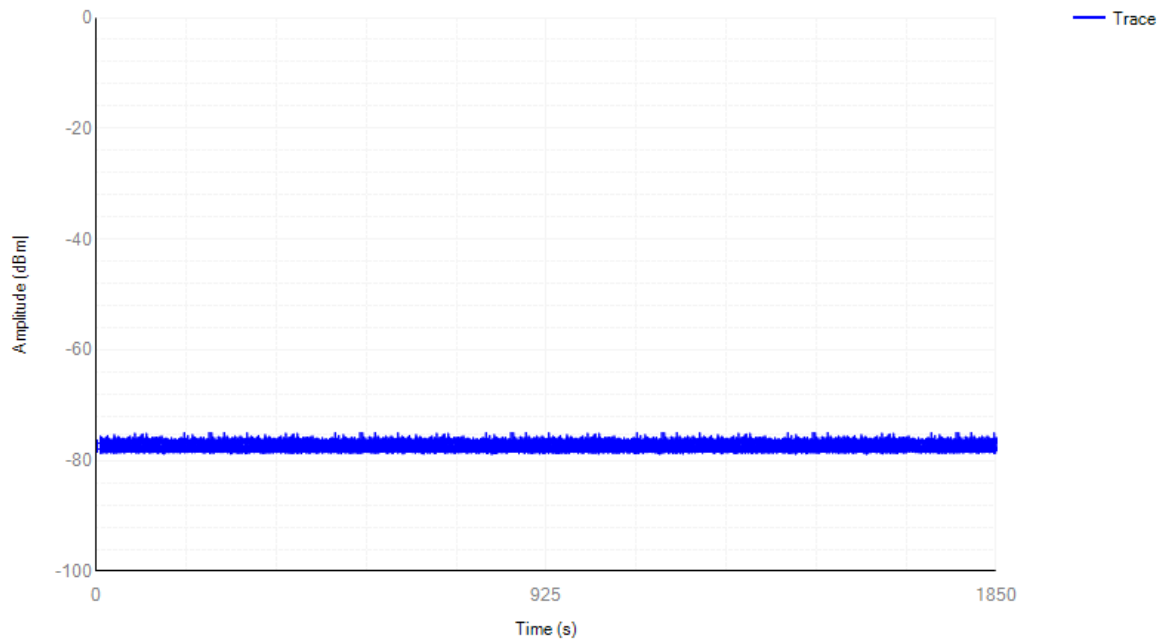


5510MHz n40 Non-Occupancy



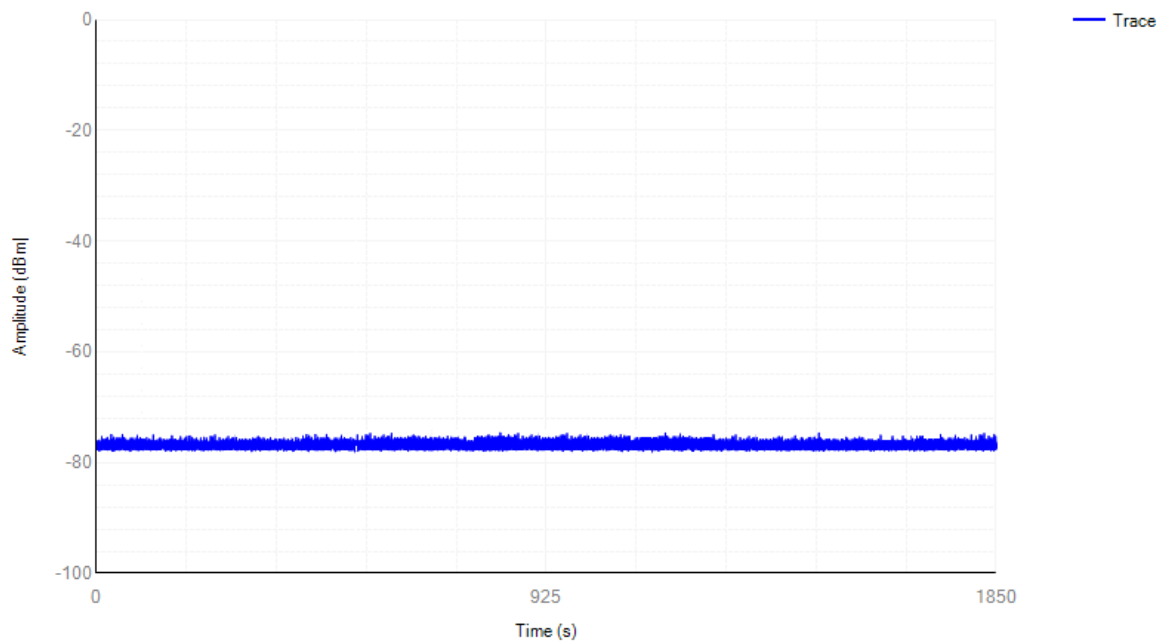
5320MHz a Non-Occupancy

Non-Occupancy period



5500MHz a Non-Occupancy

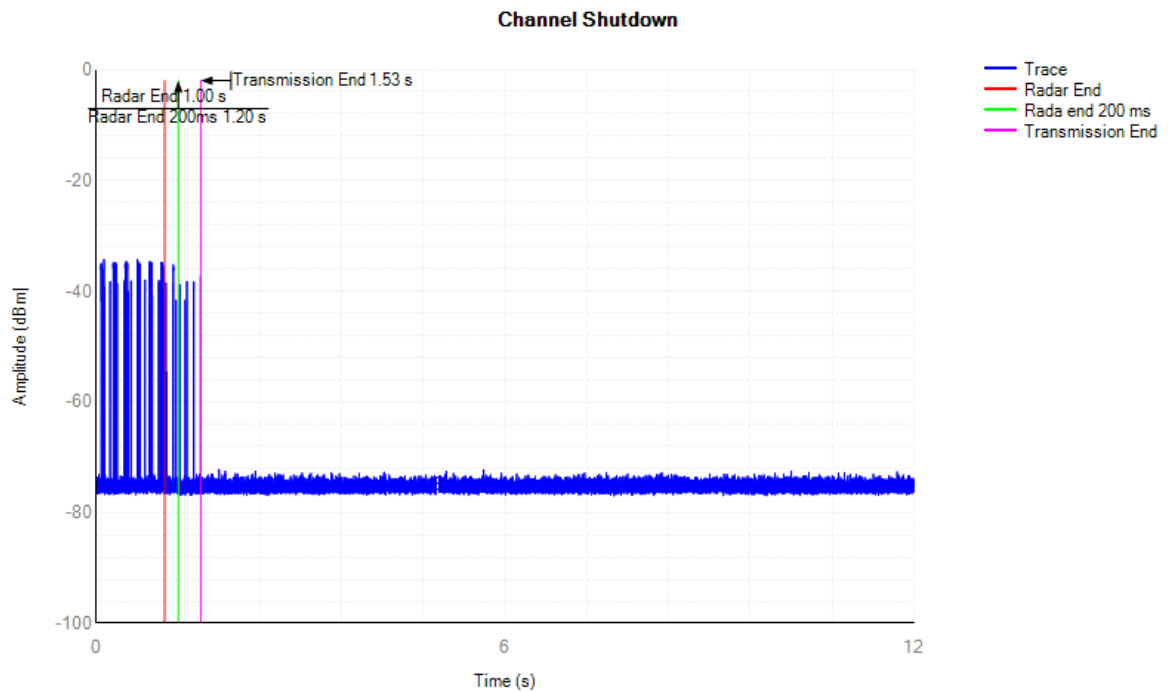
Non-Occupancy period



Shutdown Time

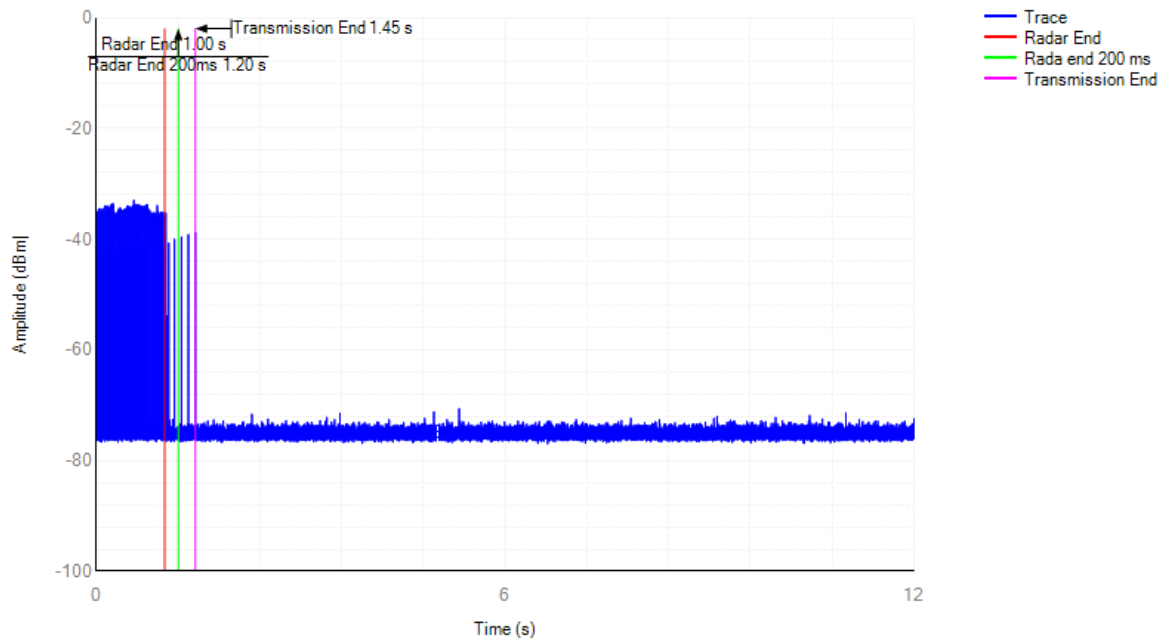
Mod e	Frequen cy (MHz)	Chann el Move Time (s)	Limit Chann el Move Time (s)	Close Transmissi on Time (s)	Limit Close Transmissi on Time (s)	Close Transmissi on Time after 200ms(s)	Limit Close Transmissi on Time after 200ms (s)	Verdi ct
n40	5310	0.53	10	0.0084	0.26	0.0036	0.06	Pass
n40	5510	0.4512	10	0.0072	0.26	0.0024	0.06	Pass
a	5320	0.4284	10	0.0084	0.26	0.002	0.06	Pass
a	5500	0.514	10	0.0092	0.26	0.0024	0.06	Pass

5310MHz n40 Shutdown



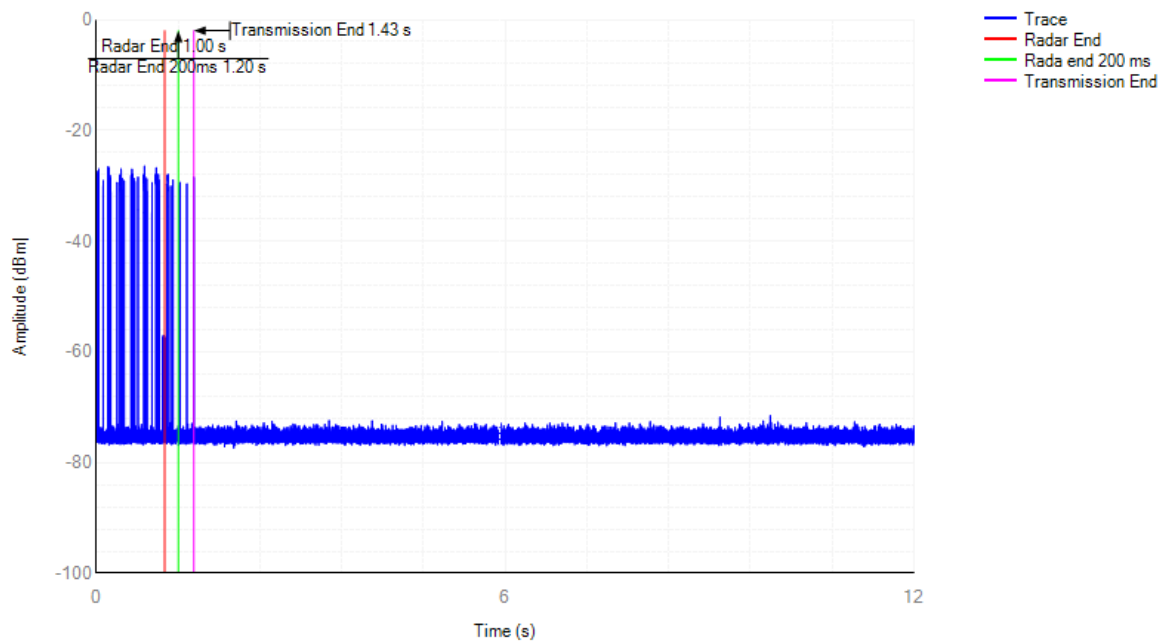
5510MHz n40 Shutdown

Channel Shutdown



5320MHz a Shutdown

Channel Shutdown



5500MHz a Shutdown

