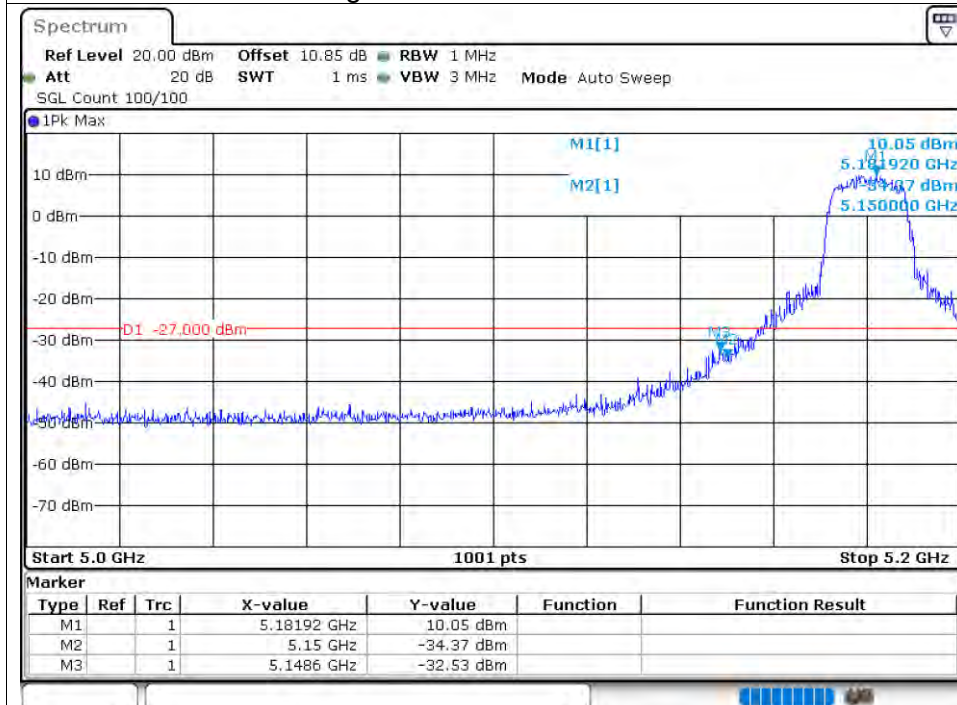
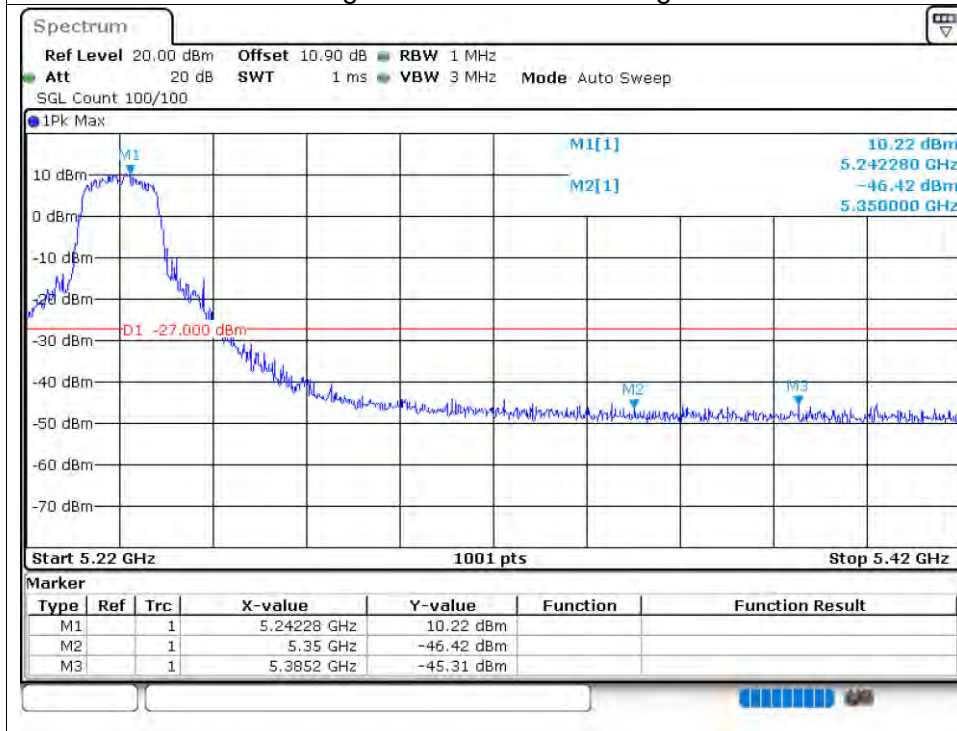


Test Graphs

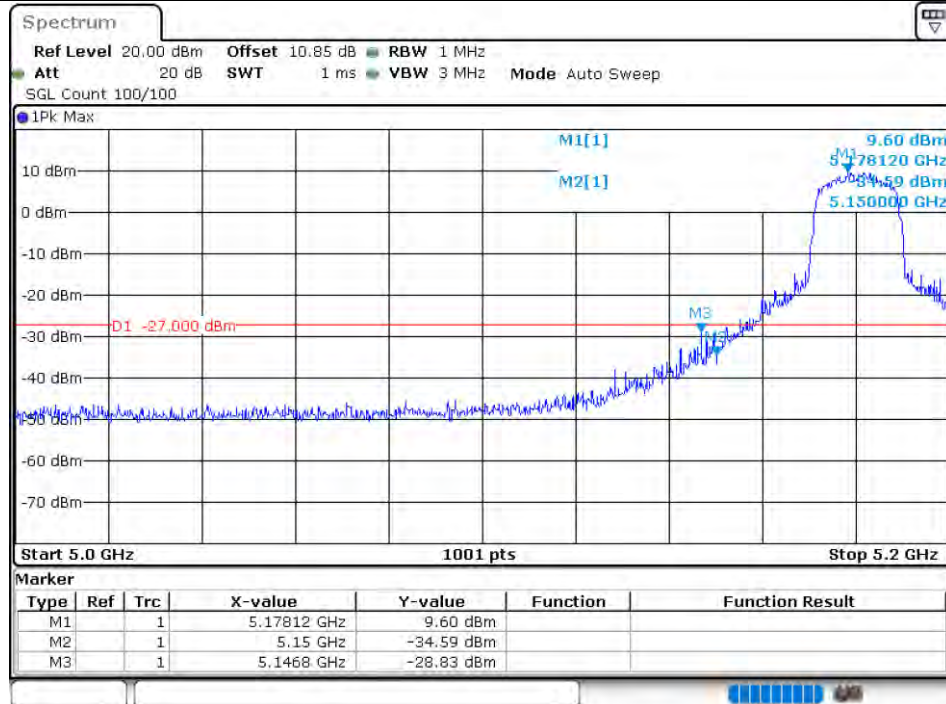
Band Edge NVNT a 5180MHz Low Ant1



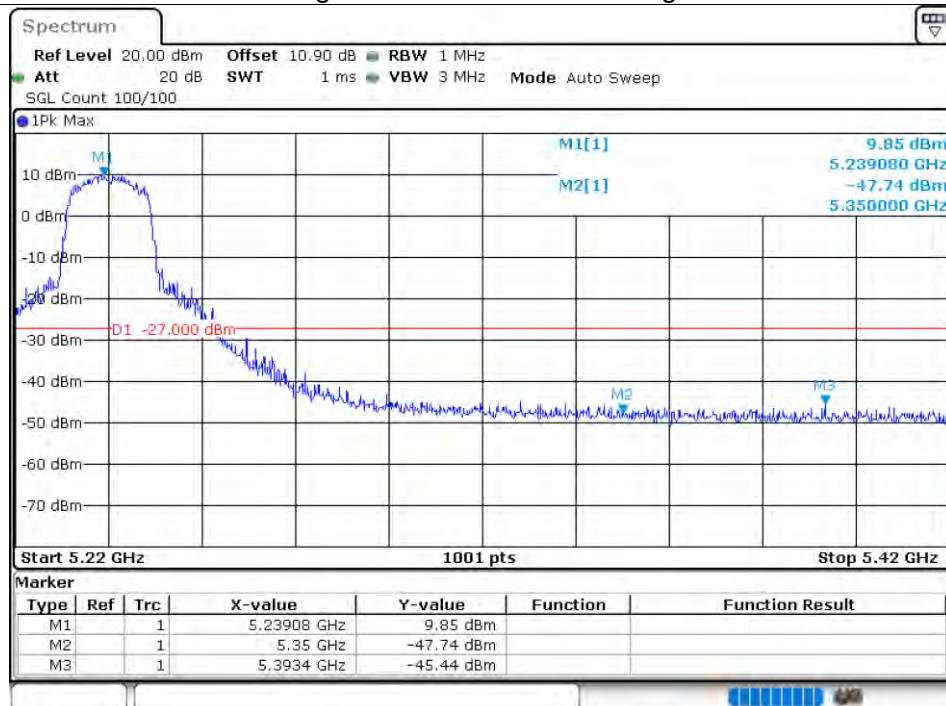
Band Edge NVNT a 5240MHz High Ant1



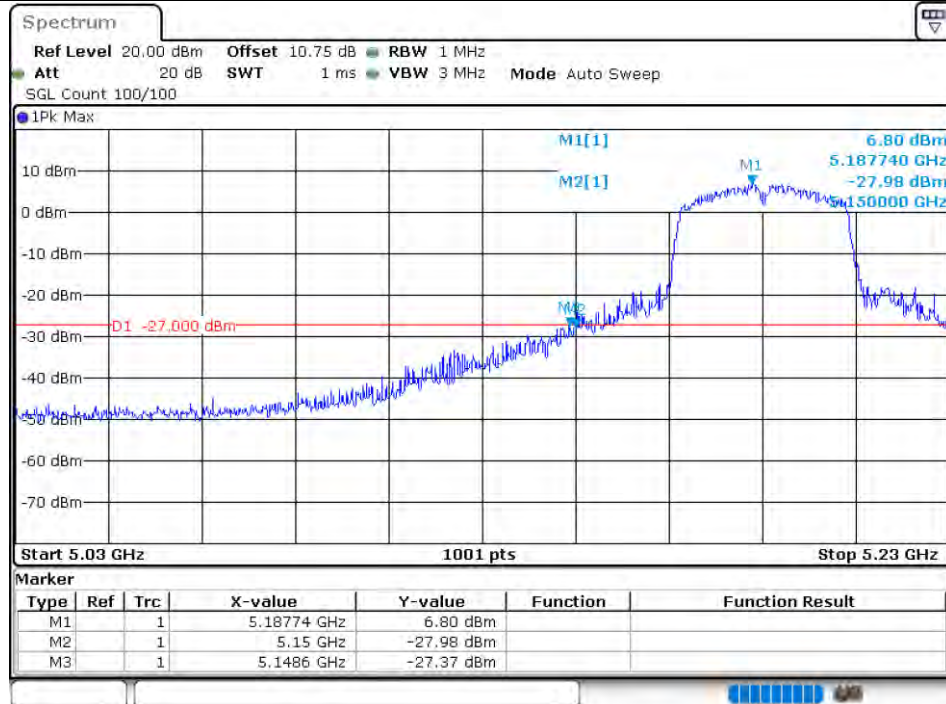
Band Edge NVNT n20 5180MHz Low Ant1



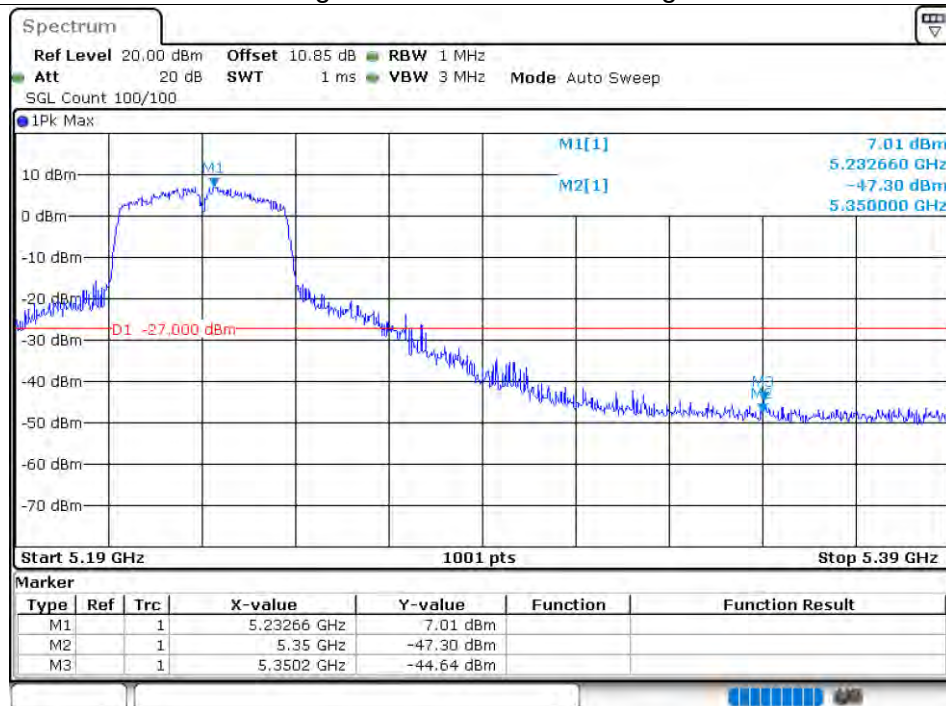
Band Edge NVNT n20 5240MHz High Ant1



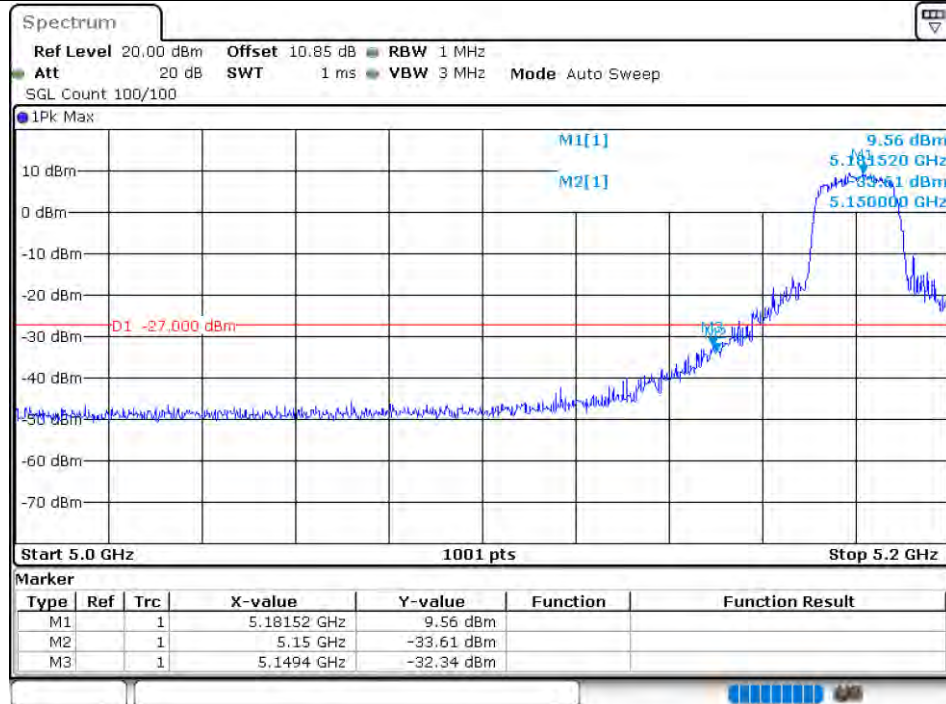
Band Edge NVNT n40 5190MHz Low Ant1



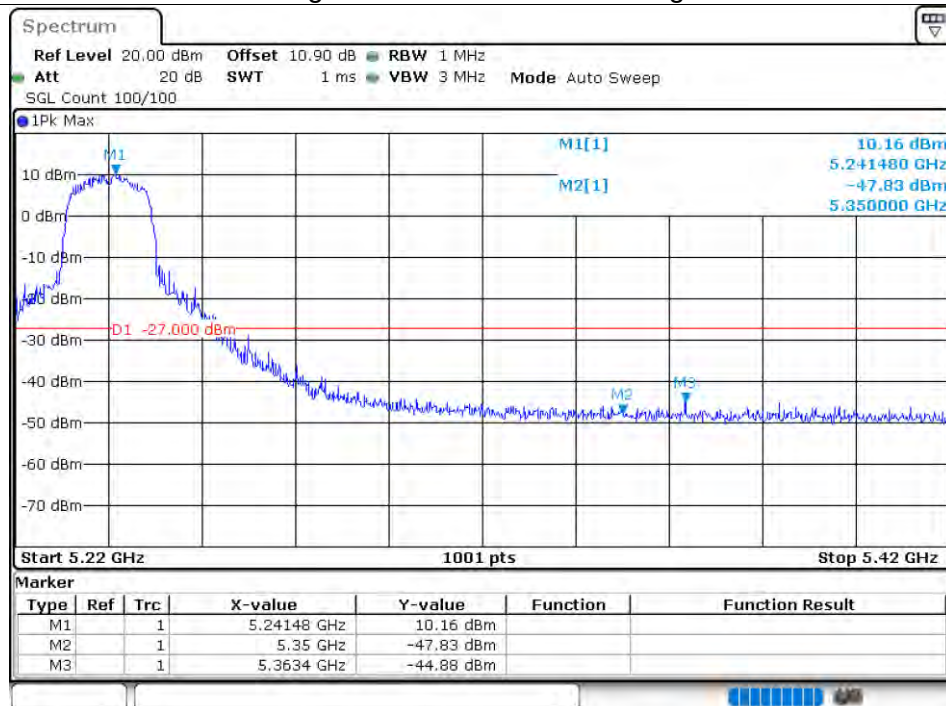
Band Edge NVNT n40 5230MHz High Ant1



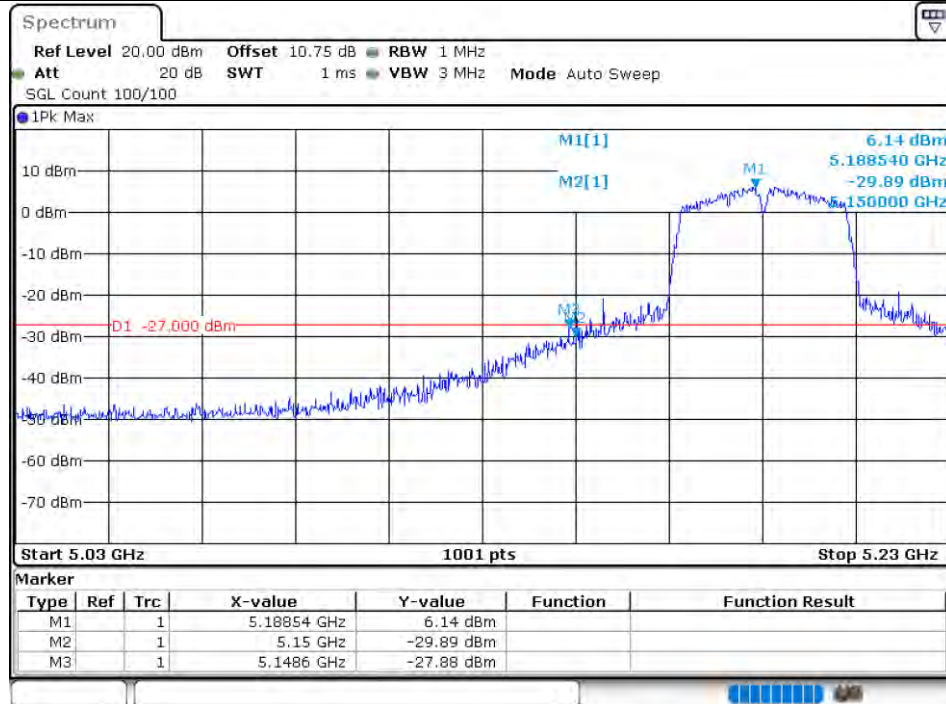
Band Edge NVNT ac20 5180MHz Low Ant1



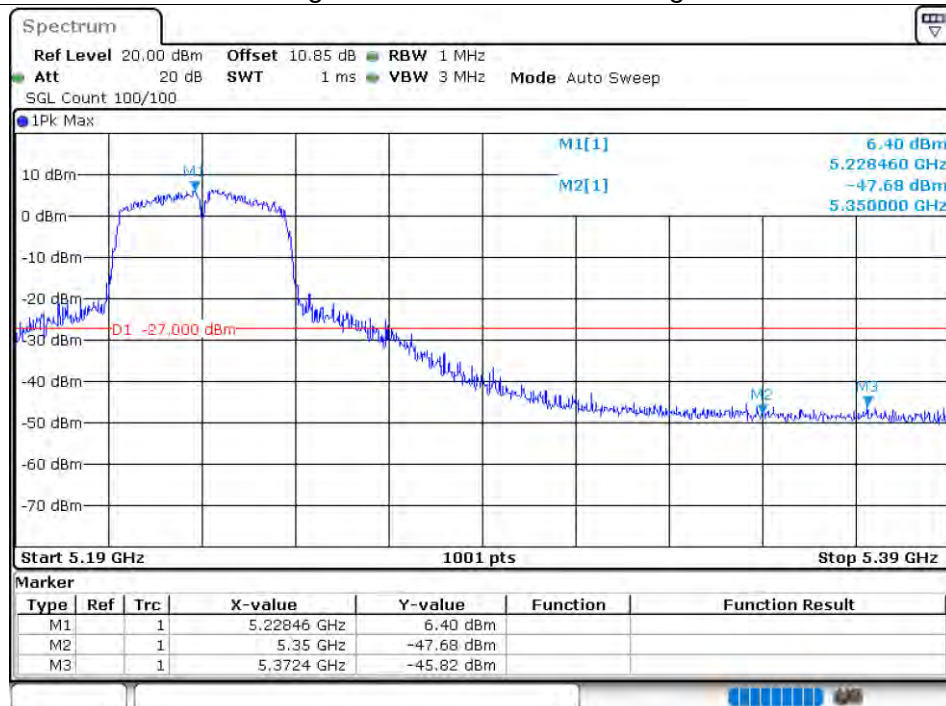
Band Edge NVNT ac20 5240MHz High Ant1

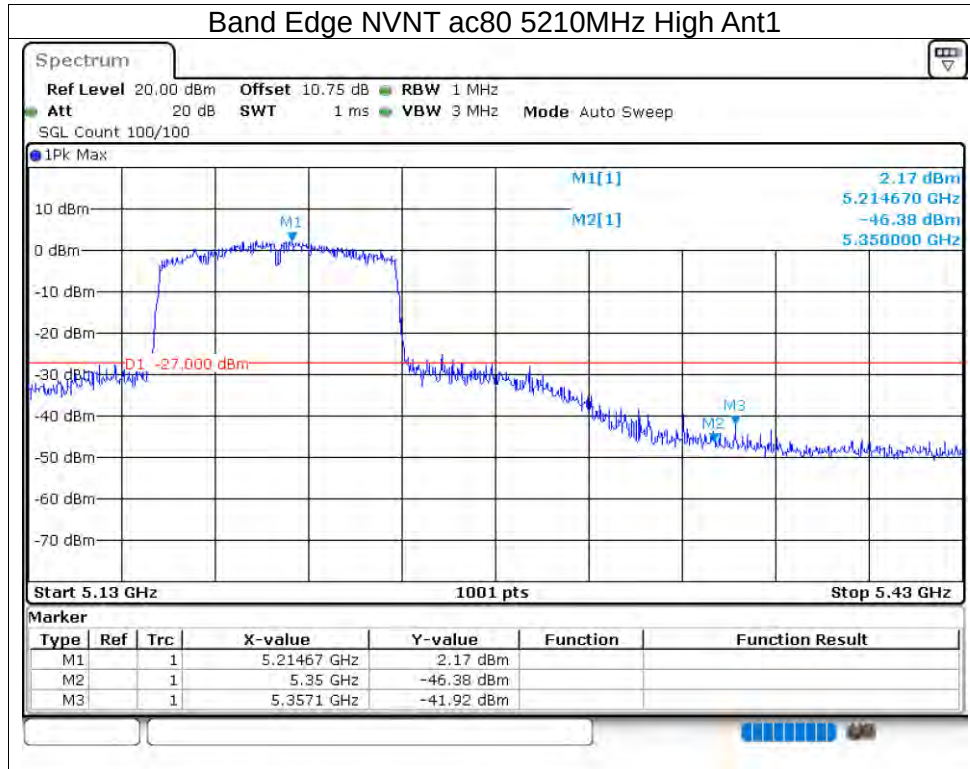


Band Edge NVNT ac40 5190MHz Low Ant1



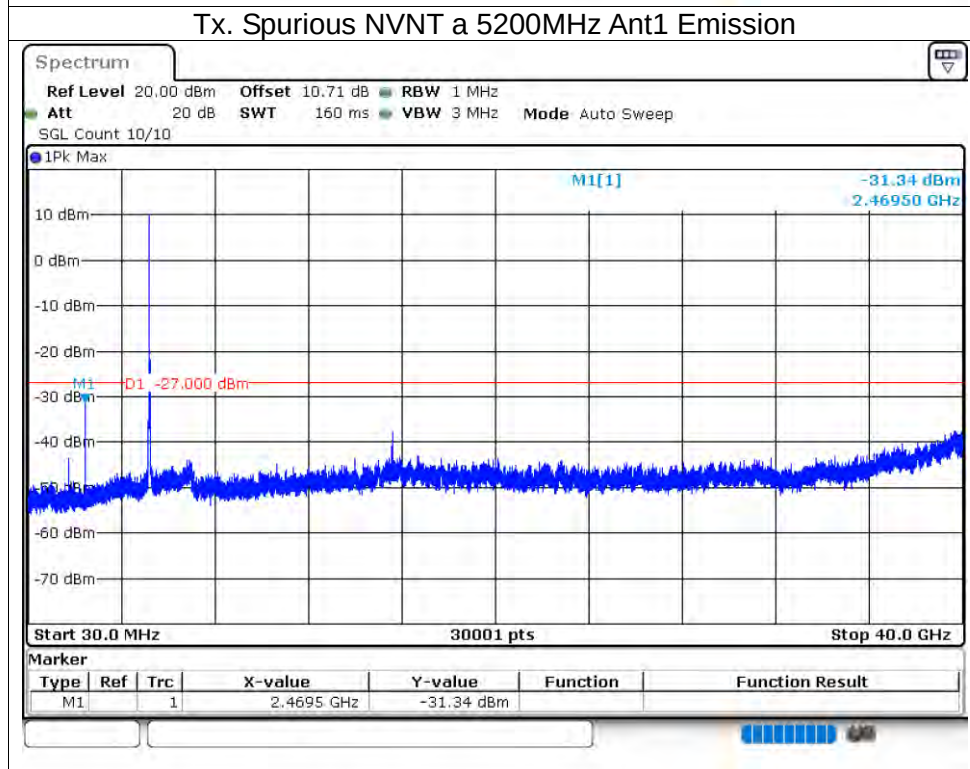
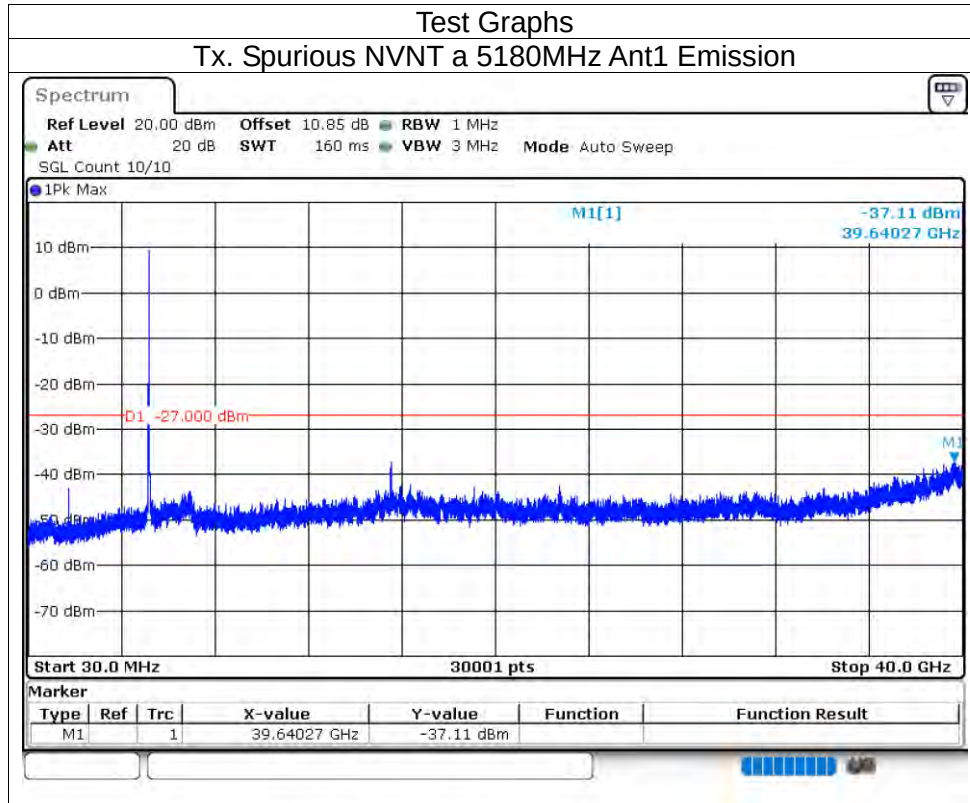
Band Edge NVNT ac40 5230MHz High Ant1



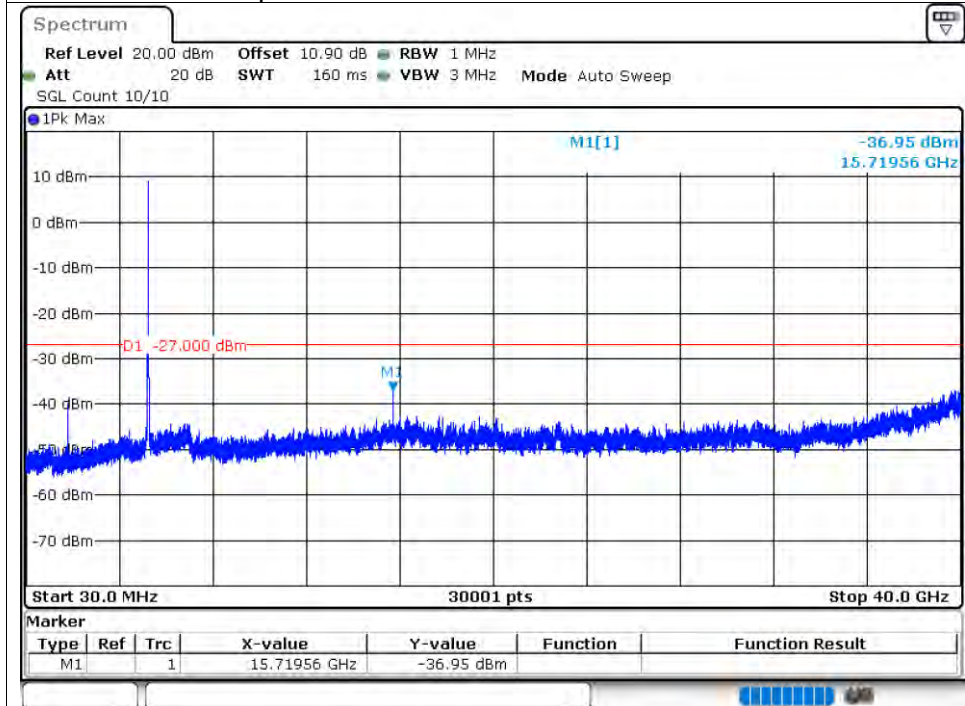


CONDUCTED RF SPURIOUS EMISSION

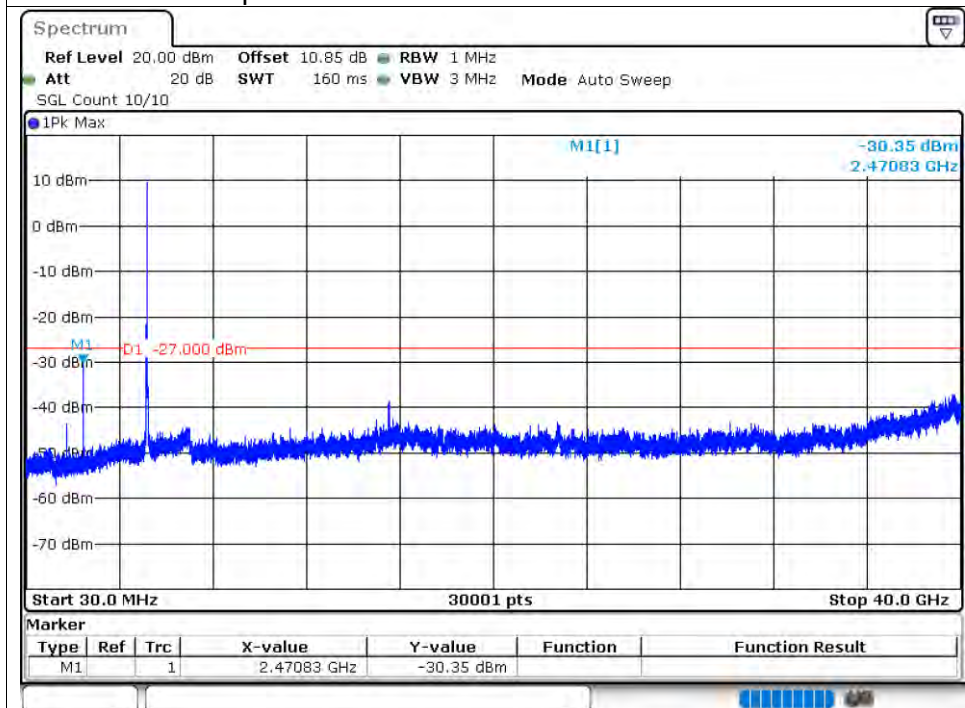
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-37.11	-27	Pass
NVNT	a	5200	Ant1	-31.34	-27	Pass
NVNT	a	5240	Ant1	-36.94	-27	Pass
NVNT	n20	5180	Ant1	-30.35	-27	Pass
NVNT	n20	5200	Ant1	-36.76	-27	Pass
NVNT	n20	5240	Ant1	-35.79	-27	Pass
NVNT	n40	5190	Ant1	-36.29	-27	Pass
NVNT	n40	5230	Ant1	-37.3	-27	Pass
NVNT	ac20	5180	Ant1	-29.79	-27	Pass
NVNT	ac20	5200	Ant1	-30.52	-27	Pass
NVNT	ac20	5240	Ant1	-30.91	-27	Pass
NVNT	ac40	5190	Ant1	-37.33	-27	Pass
NVNT	ac40	5230	Ant1	-37.18	-27	Pass
NVNT	ac80	5210	Ant1	-36.86	-27	Pass

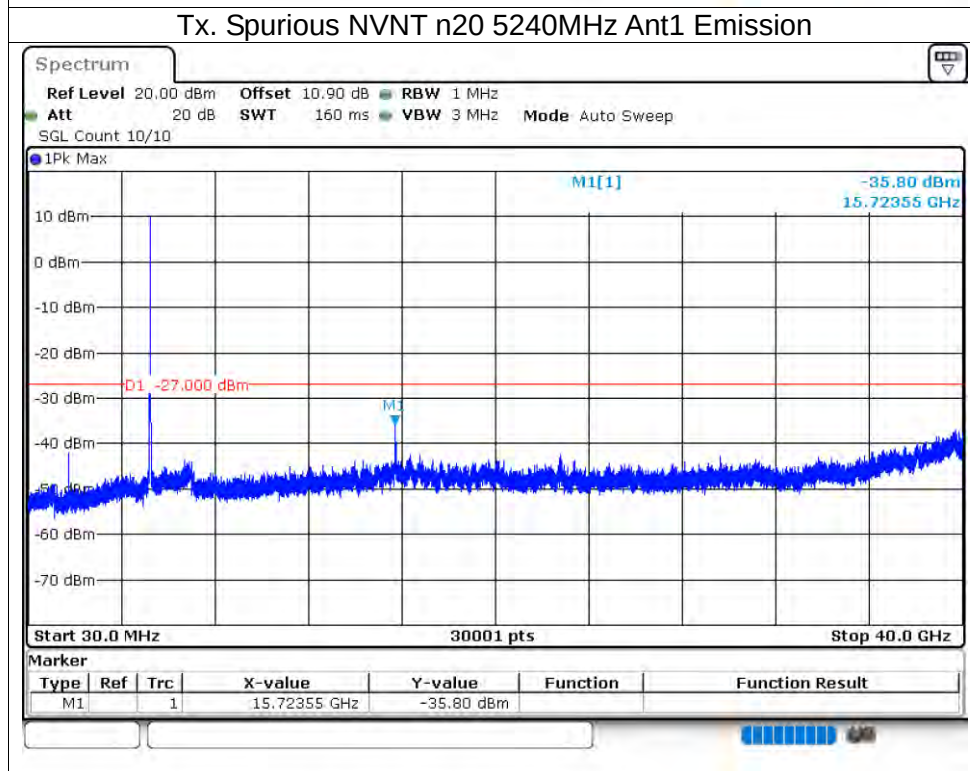
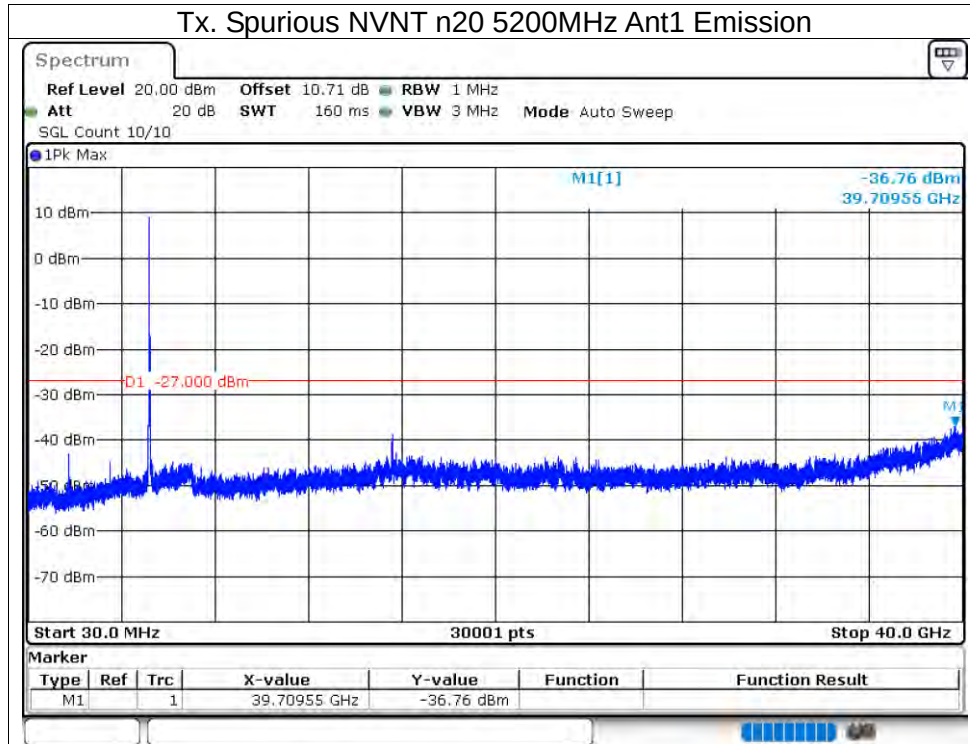


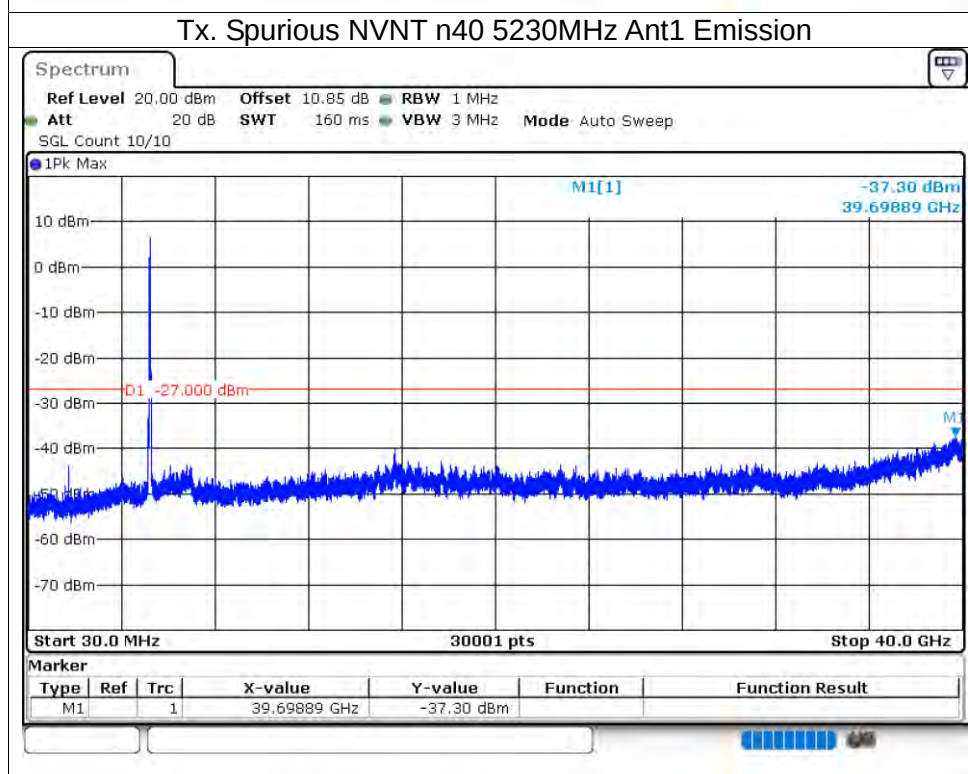
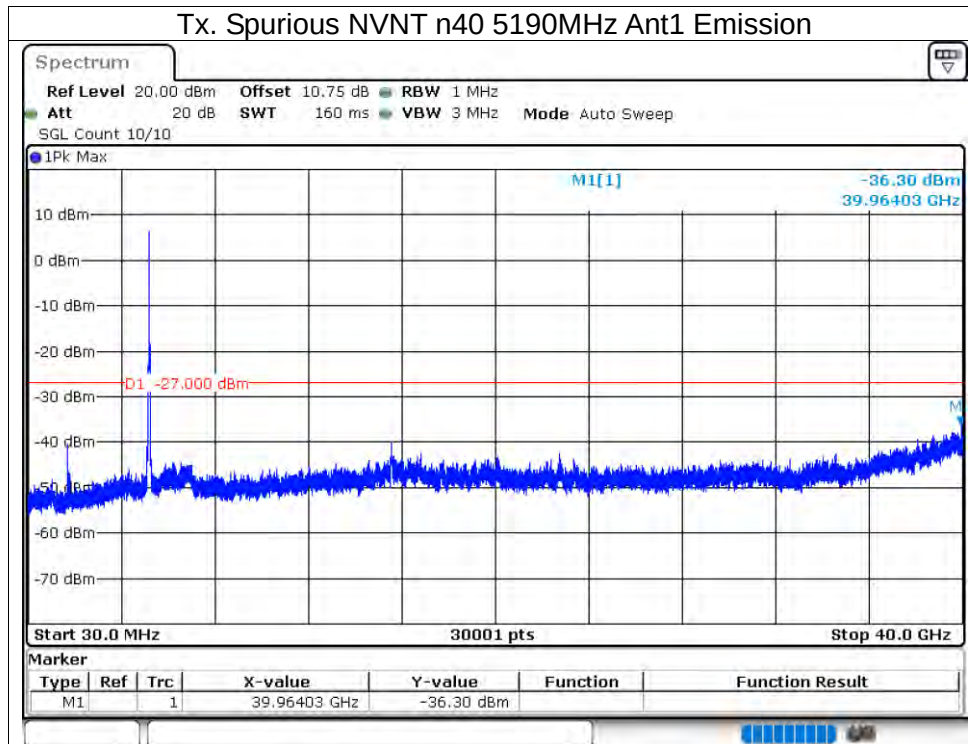
Tx. Spurious NVNT a 5240MHz Ant1 Emission

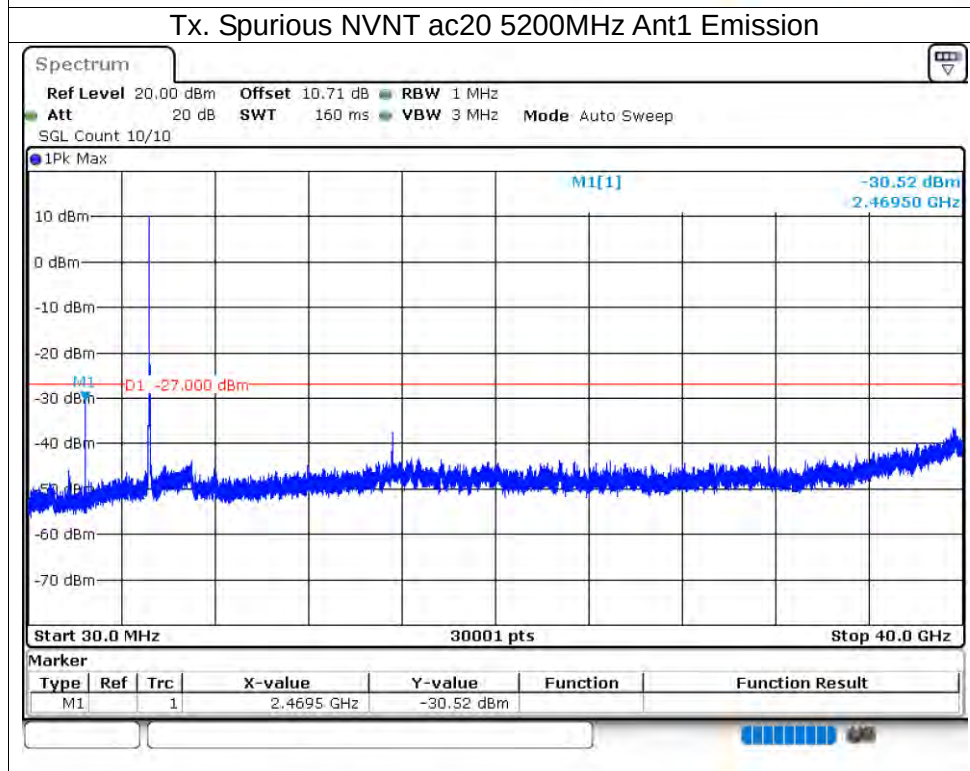
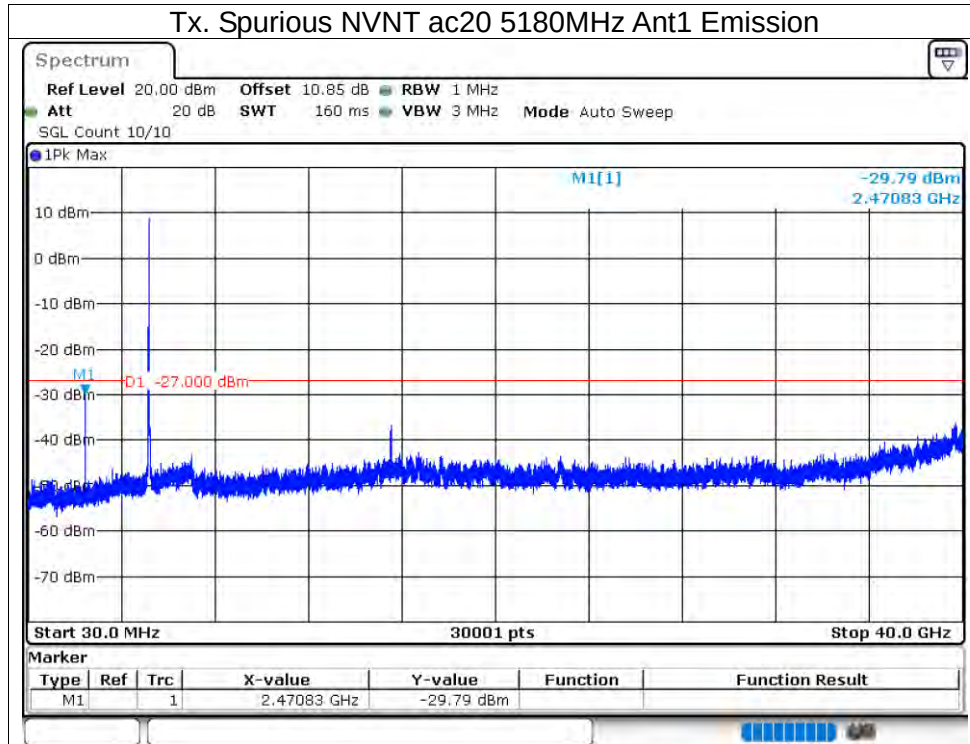


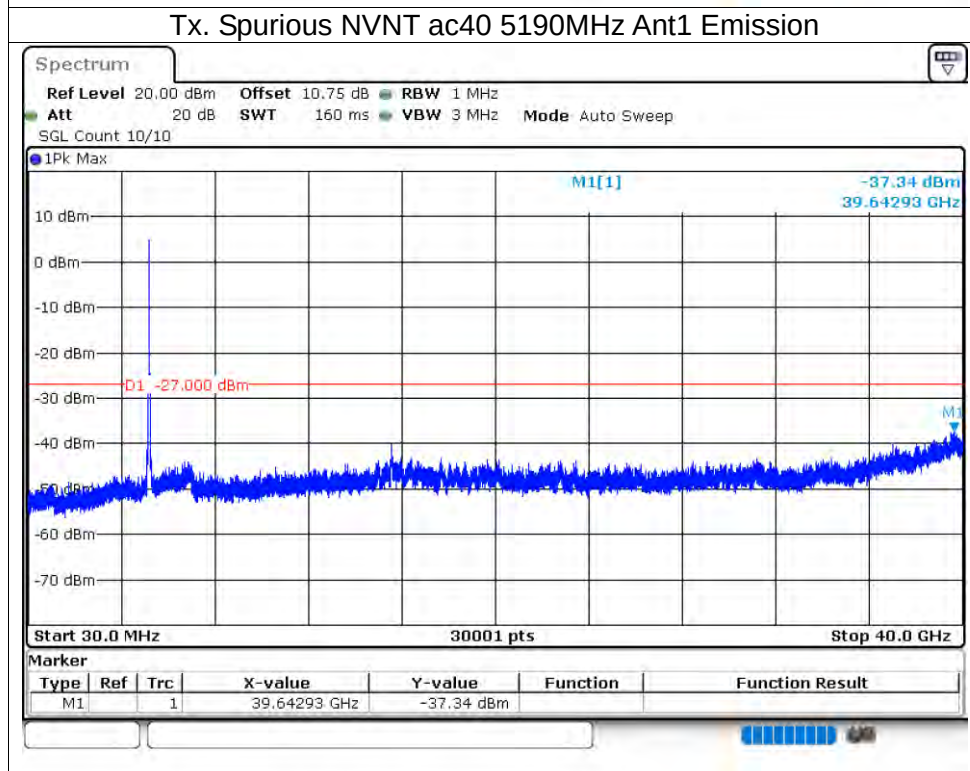
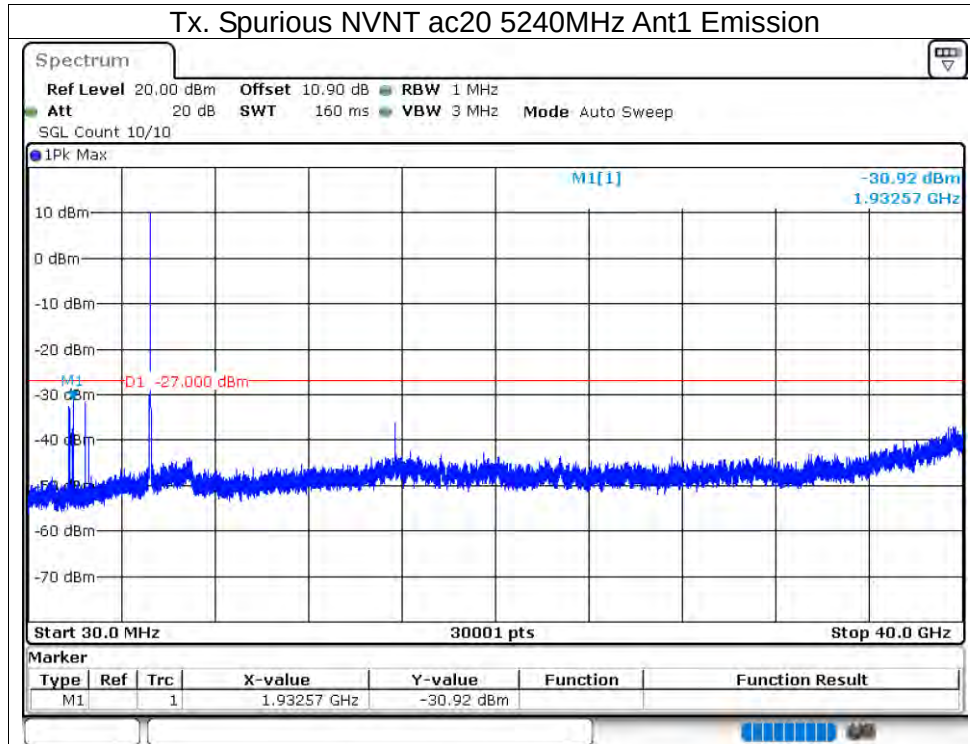
Tx. Spurious NVNT n20 5180MHz Ant1 Emission

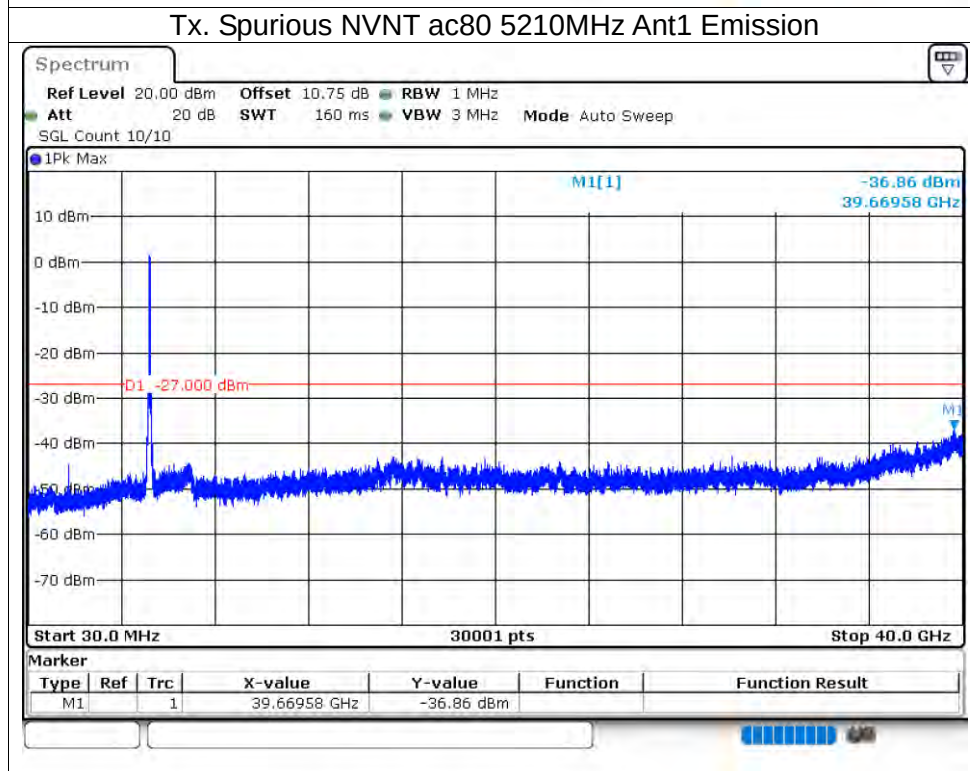
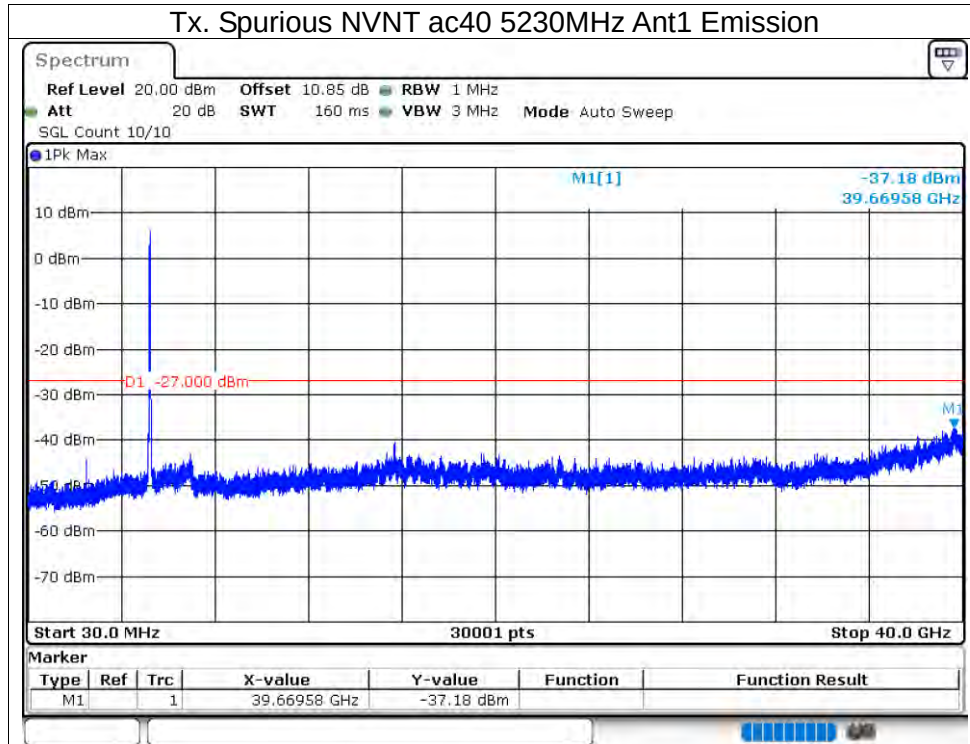












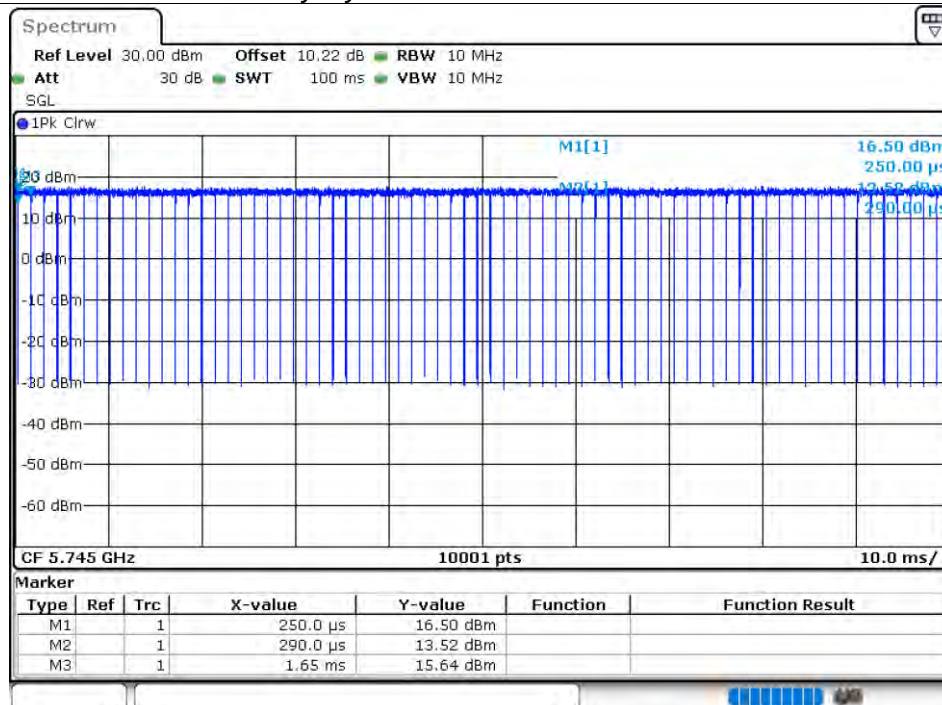
WIFI 5.8G

DUTY CYCLE

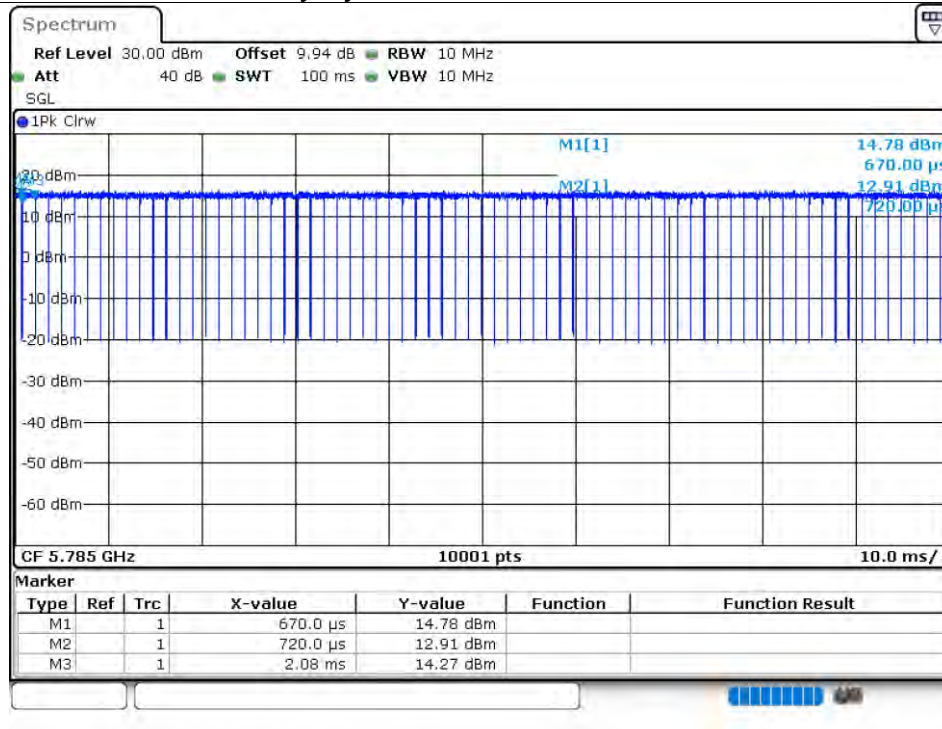
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	97.53	0.11	0.74
NVNT	a	5785	Ant1	97.53	0.11	0.74
NVNT	a	5825	Ant1	97.56	0.11	0.74
NVNT	n20	5745	Ant1	97.4	0.11	0.79
NVNT	n20	5785	Ant1	97.36	0.12	0.79
NVNT	n20	5825	Ant1	97.37	0.12	0.79
NVNT	n40	5755	Ant1	94.97	0.22	1.56
NVNT	n40	5795	Ant1	94.96	0.22	1.59
NVNT	ac20	5745	Ant1	97.44	0.11	0.78
NVNT	ac20	5785	Ant1	97.36	0.12	0.78
NVNT	ac20	5825	Ant1	97.4	0.11	0.78
NVNT	ac40	5755	Ant1	95.04	0.22	1.56
NVNT	ac40	5795	Ant1	95.02	0.22	1.56
NVNT	ac80	5775	Ant1	90.47	0.43	3.23

Test Graphs

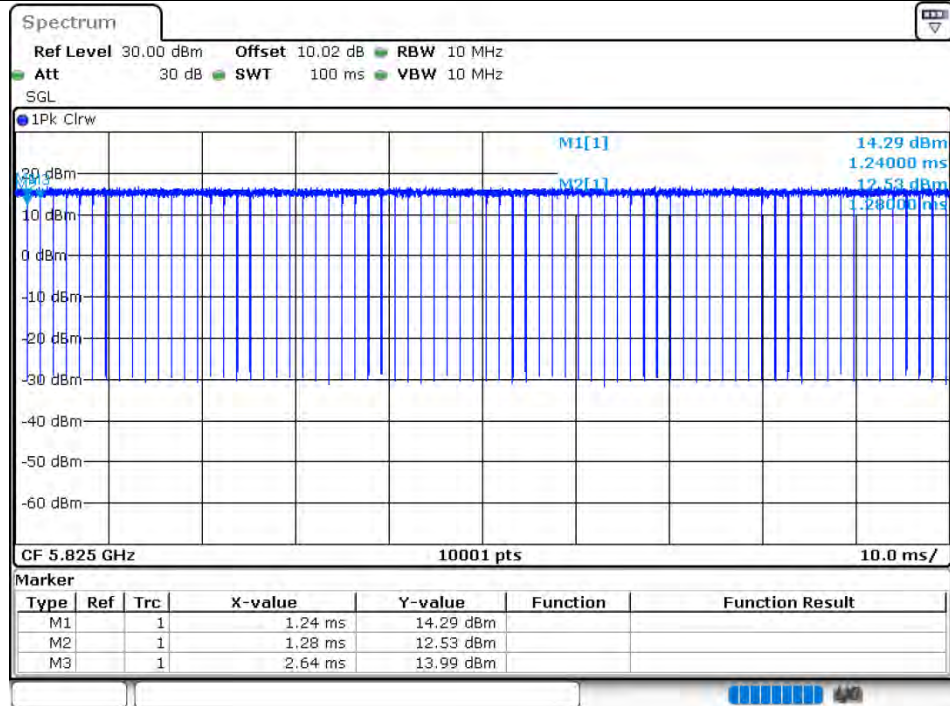
Duty Cycle NVNT a 5745MHz Ant1



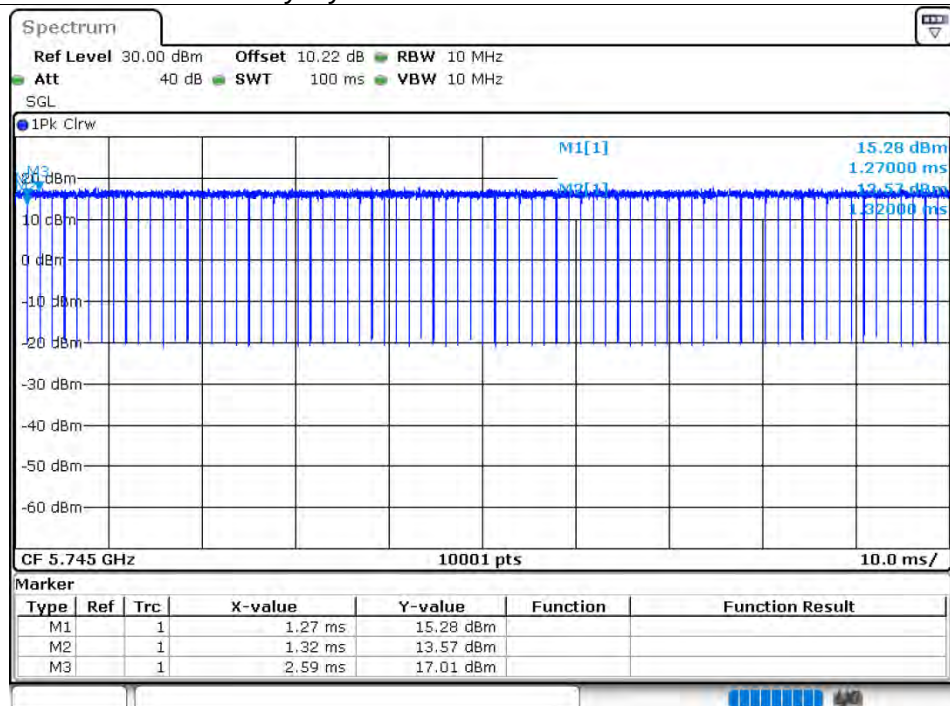
Duty Cycle NVNT a 5785MHz Ant1



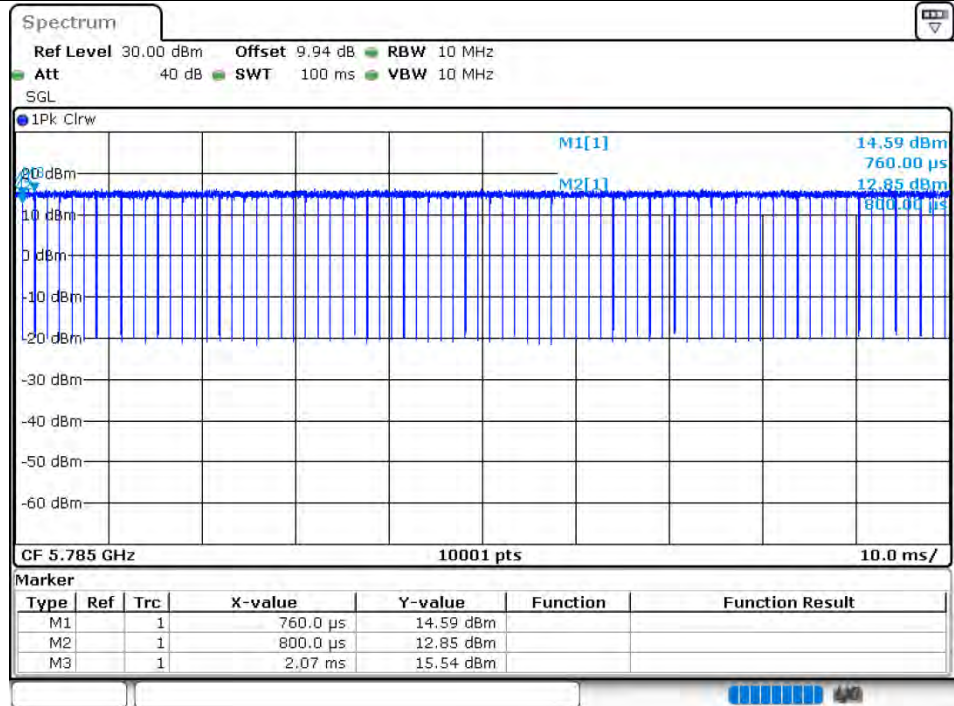
Duty Cycle NVNT a 5825MHz Ant1



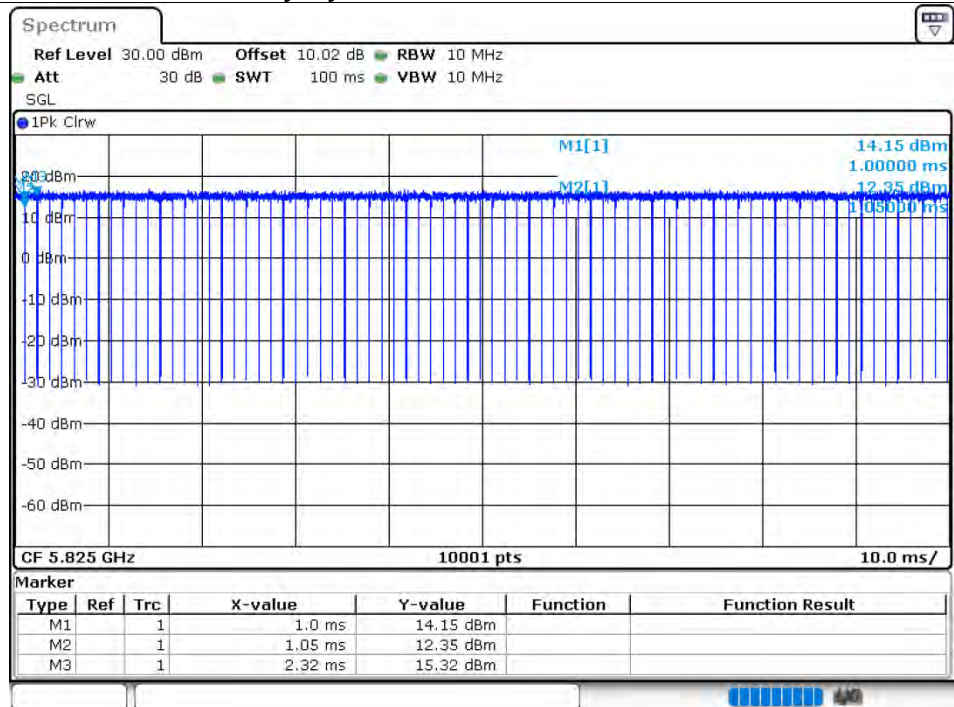
Duty Cycle NVNT n20 5745MHz Ant1



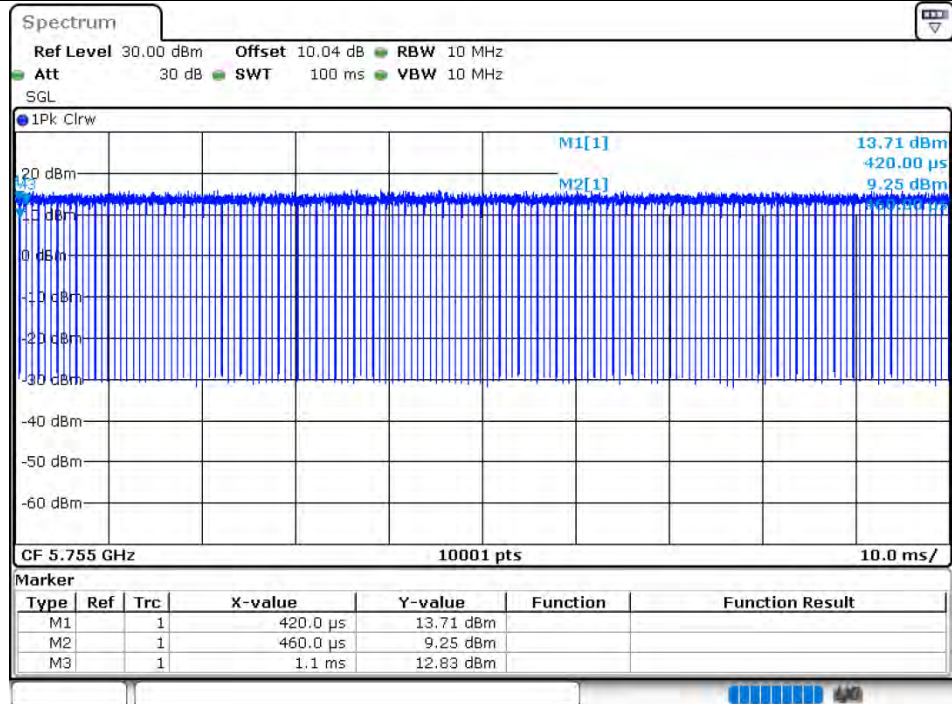
Duty Cycle NVNT n20 5785MHz Ant1



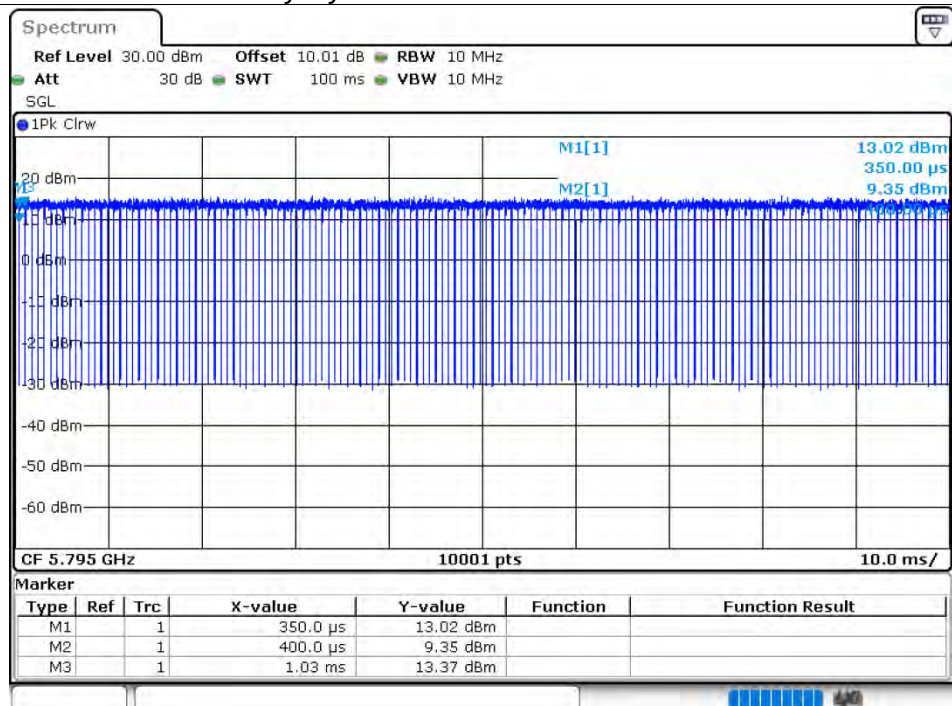
Duty Cycle NVNT n20 5825MHz Ant1



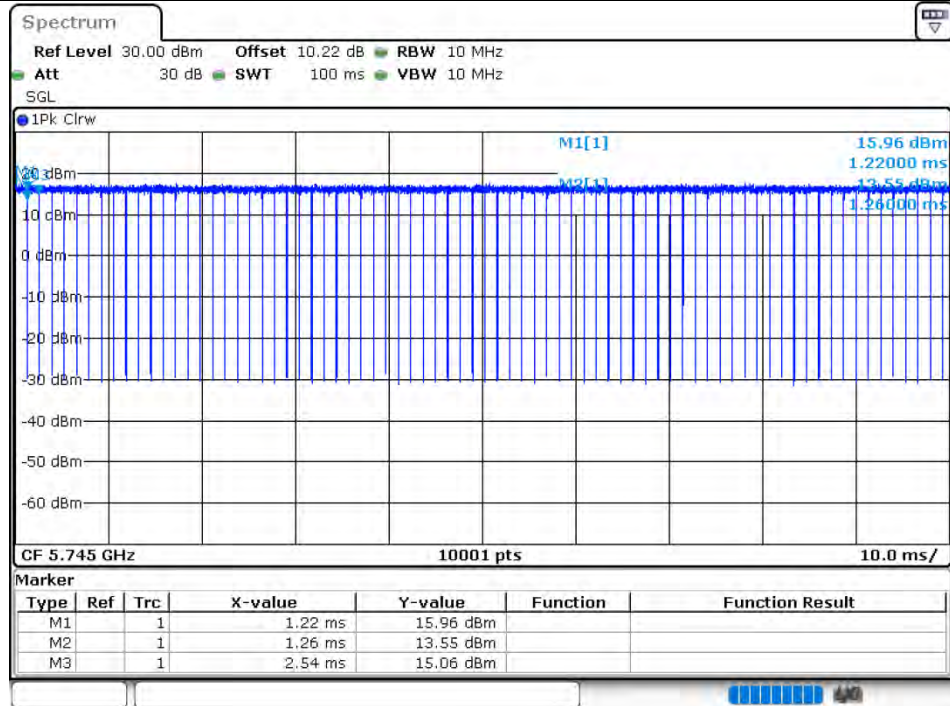
Duty Cycle NVNT n40 5755MHz Ant1



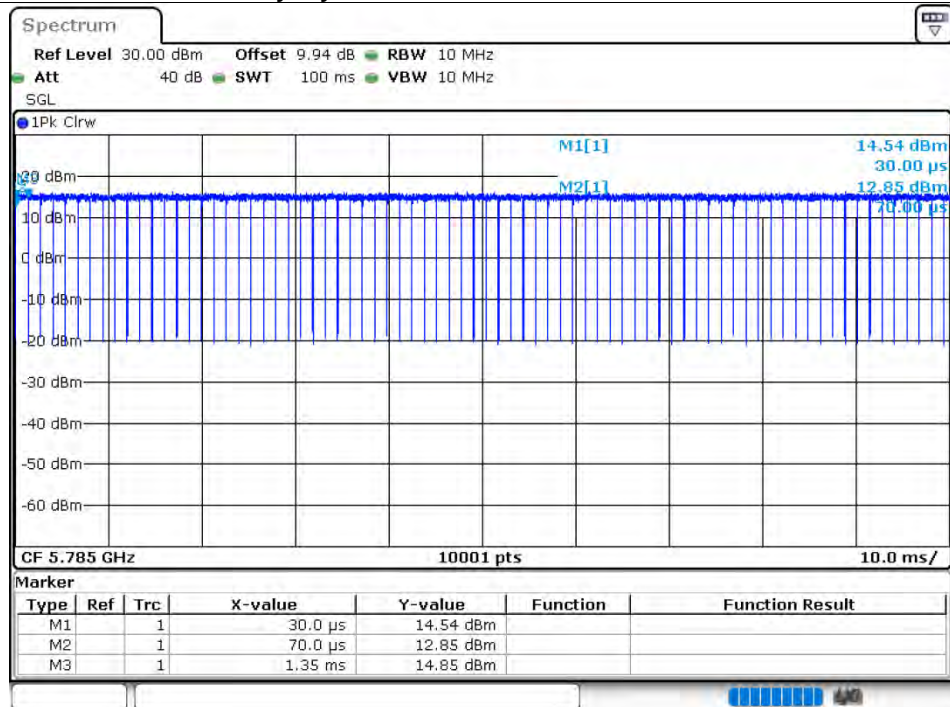
Duty Cycle NVNT n40 5795MHz Ant1



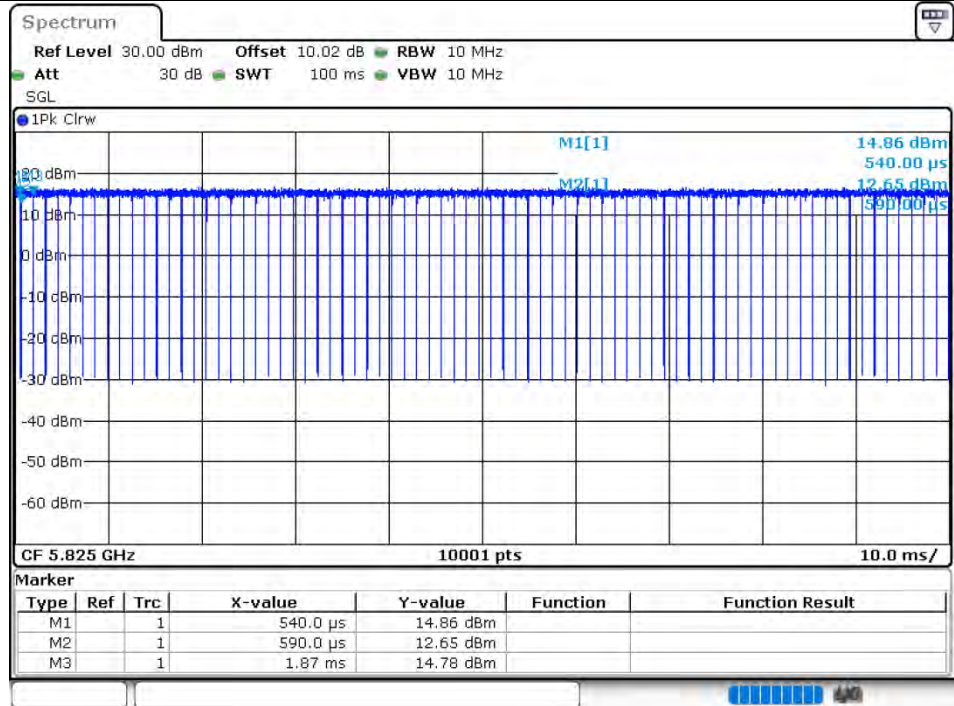
Duty Cycle NVNT ac20 5745MHz Ant1



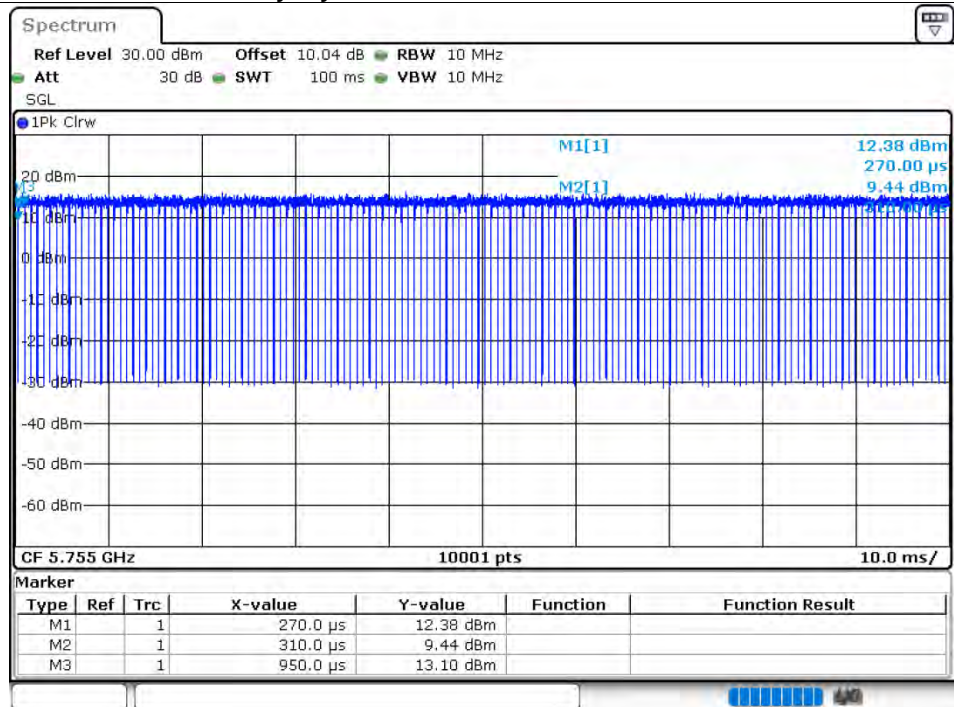
Duty Cycle NVNT ac20 5785MHz Ant1



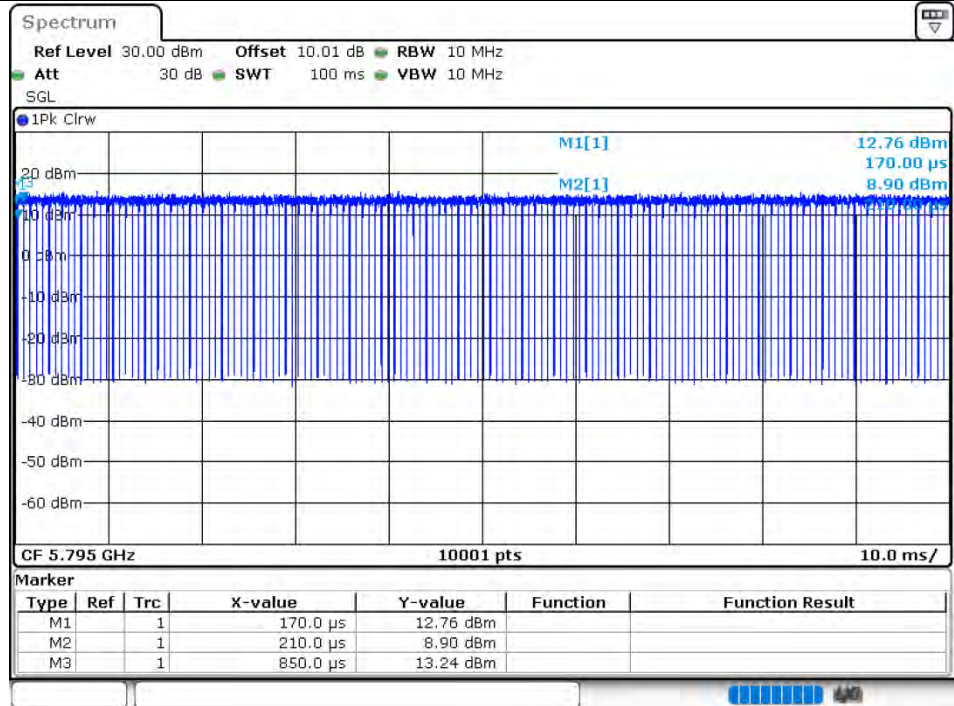
Duty Cycle NVNT ac20 5825MHz Ant1



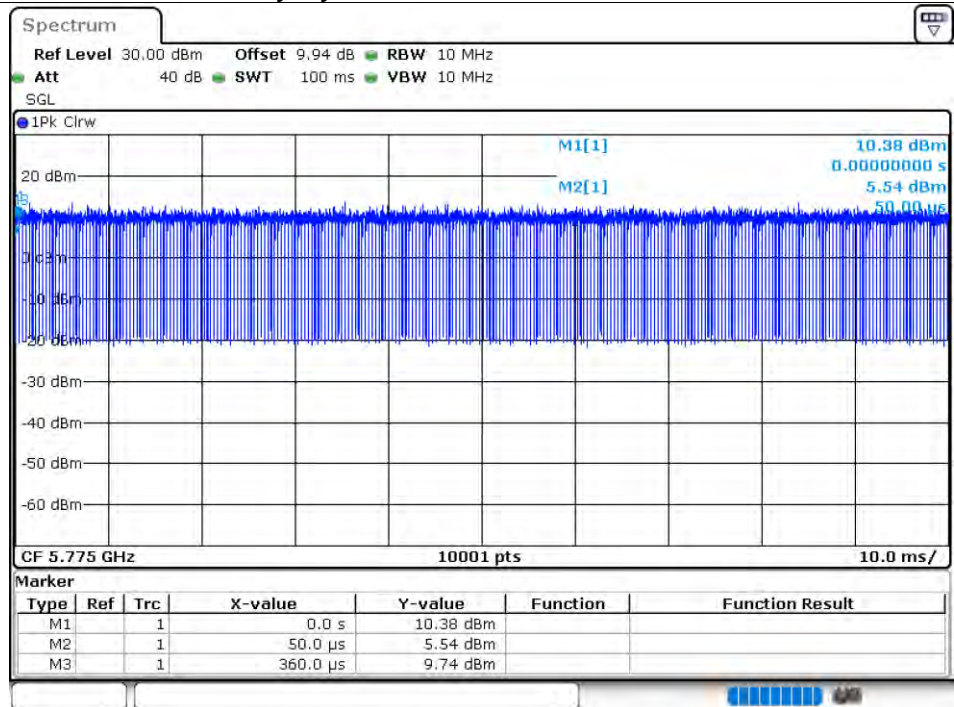
Duty Cycle NVNT ac40 5755MHz Ant1



Duty Cycle NVNT ac40 5795MHz Ant1



Duty Cycle NVNT ac80 5775MHz Ant1



MAXIMUM CONDUCTED OUTPUT POWER

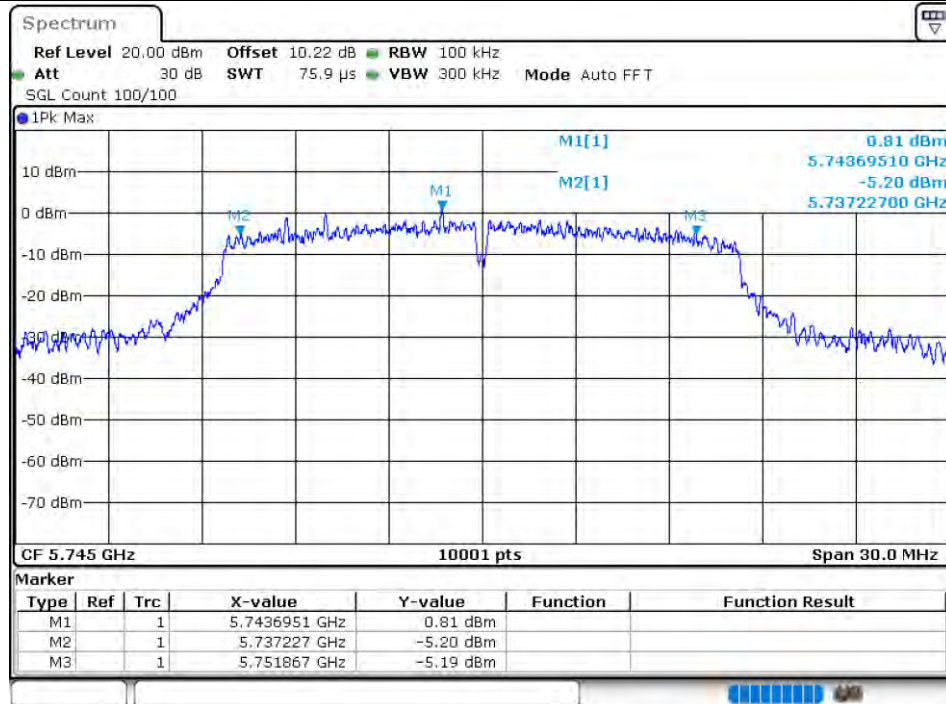
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	9.84	0.11	9.95	30	Pass
NVNT	a	5785	Ant1	9.42	0.11	9.53	30	Pass
NVNT	a	5825	Ant1	9.39	0.11	9.5	30	Pass
NVNT	n20	5745	Ant1	9.68	0.11	9.79	30	Pass
NVNT	n20	5785	Ant1	9.32	0.12	9.44	30	Pass
NVNT	n20	5825	Ant1	9.26	0.12	9.38	30	Pass
NVNT	n40	5755	Ant1	10.06	0.22	10.28	30	Pass
NVNT	n40	5795	Ant1	9.68	0.22	9.9	30	Pass
NVNT	ac20	5745	Ant1	9.65	0.11	9.76	30	Pass
NVNT	ac20	5785	Ant1	9.28	0.12	9.4	30	Pass
NVNT	ac20	5825	Ant1	9.23	0.11	9.34	30	Pass
NVNT	ac40	5755	Ant1	10.01	0.22	10.23	30	Pass
NVNT	ac40	5795	Ant1	9.69	0.22	9.91	30	Pass
NVNT	ac80	5775	Ant1	9.3	0.43	9.73	30	Pass

-6DB BANDWIDTH

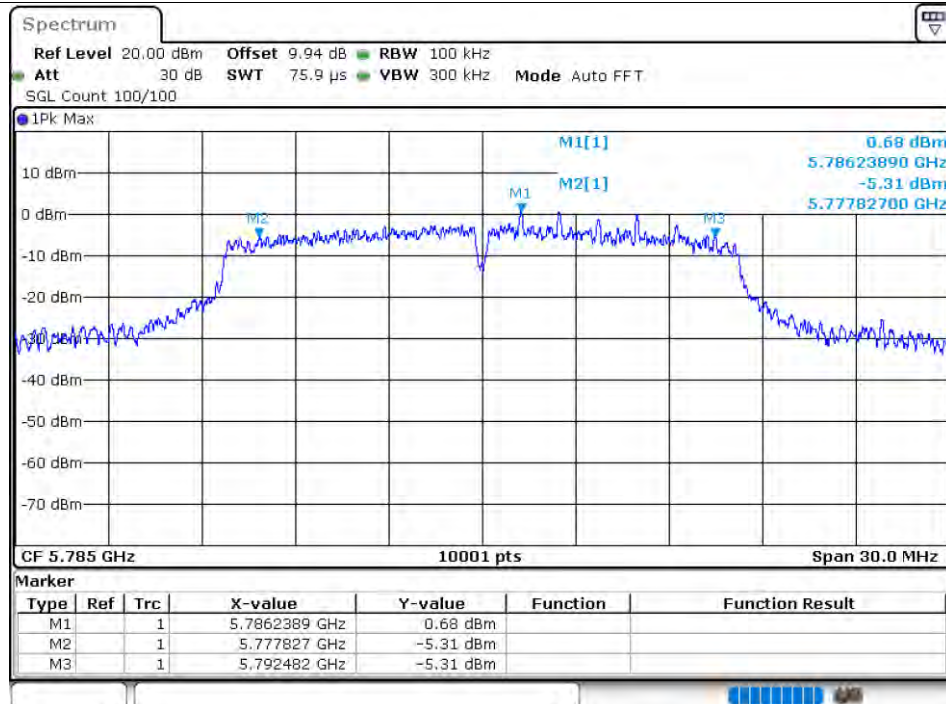
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	14.64	0.5	Pass
NVNT	a	5785	Ant1	14.655	0.5	Pass
NVNT	a	5825	Ant1	16.338	0.5	Pass
NVNT	n20	5745	Ant1	14.418	0.5	Pass
NVNT	n20	5785	Ant1	17.556	0.5	Pass
NVNT	n20	5825	Ant1	13.848	0.5	Pass
NVNT	n40	5755	Ant1	35.016	0.5	Pass
NVNT	n40	5795	Ant1	27.546	0.5	Pass
NVNT	ac20	5745	Ant1	12.933	0.5	Pass
NVNT	ac20	5785	Ant1	13.224	0.5	Pass
NVNT	ac20	5825	Ant1	17.571	0.5	Pass
NVNT	ac40	5755	Ant1	35.094	0.5	Pass
NVNT	ac40	5795	Ant1	34.974	0.5	Pass
NVNT	ac80	5775	Ant1	75.12	0.5	Pass

Test Graphs

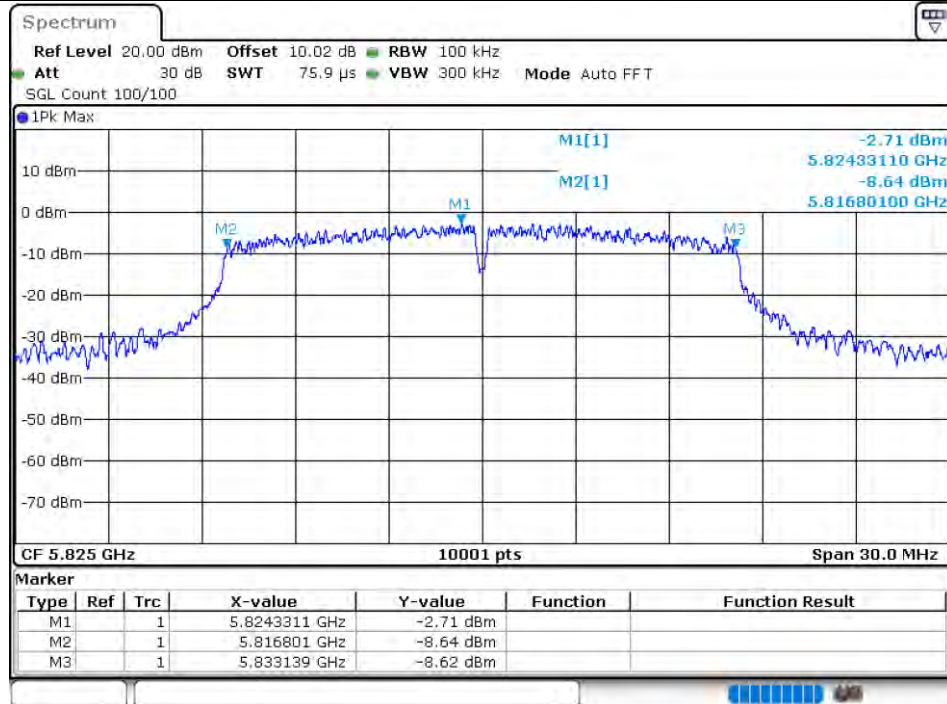
-6dB Bandwidth NVNT a 5745MHz Ant1



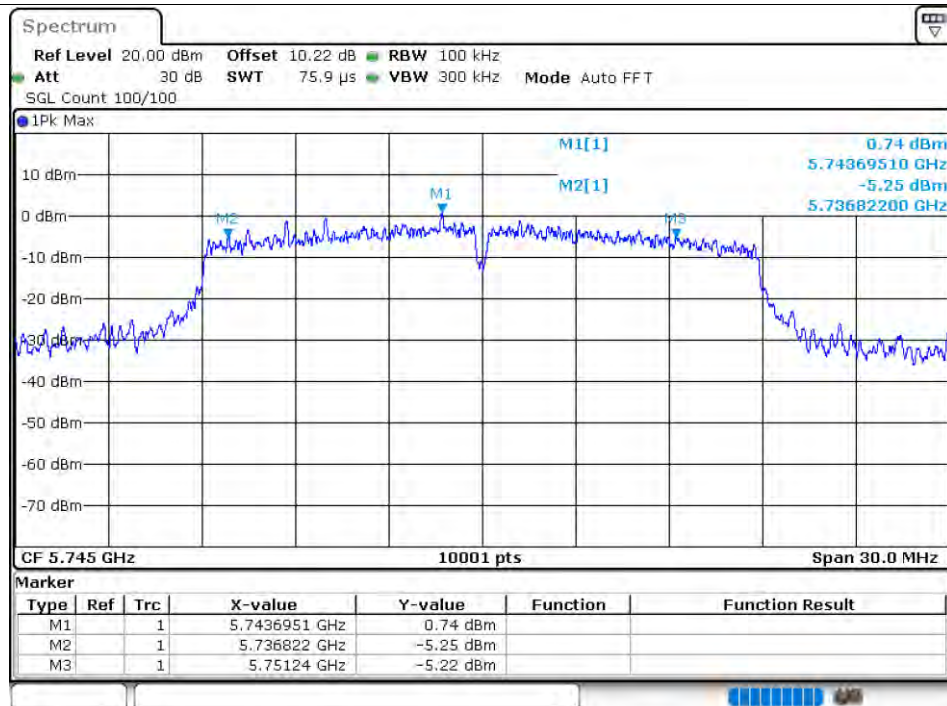
-6dB Bandwidth NVNT a 5785MHz Ant1



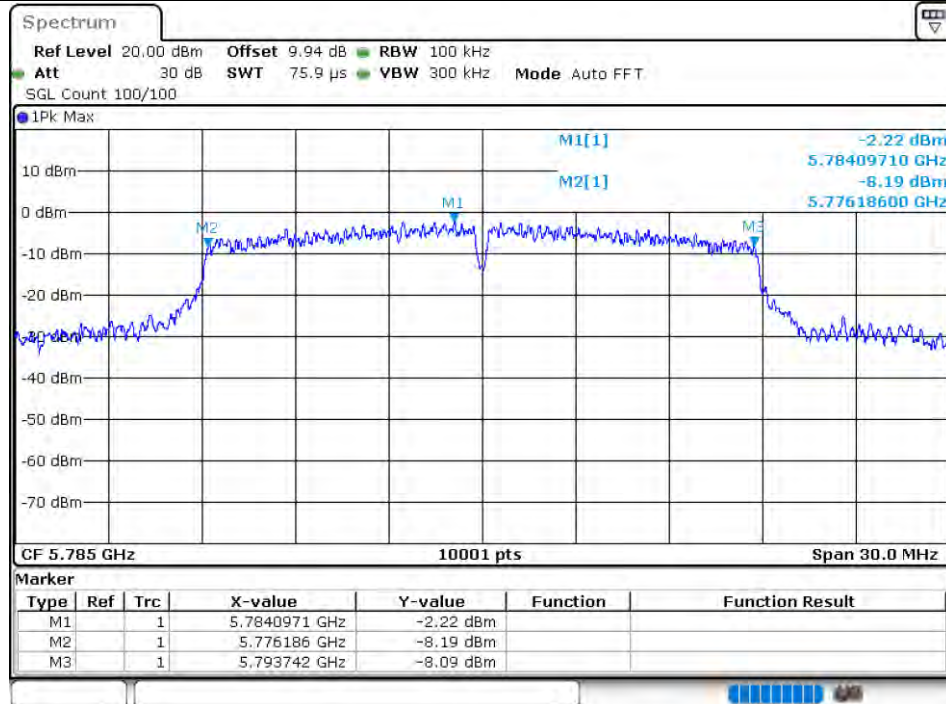
-6dB Bandwidth NVNT a 5825MHz Ant1



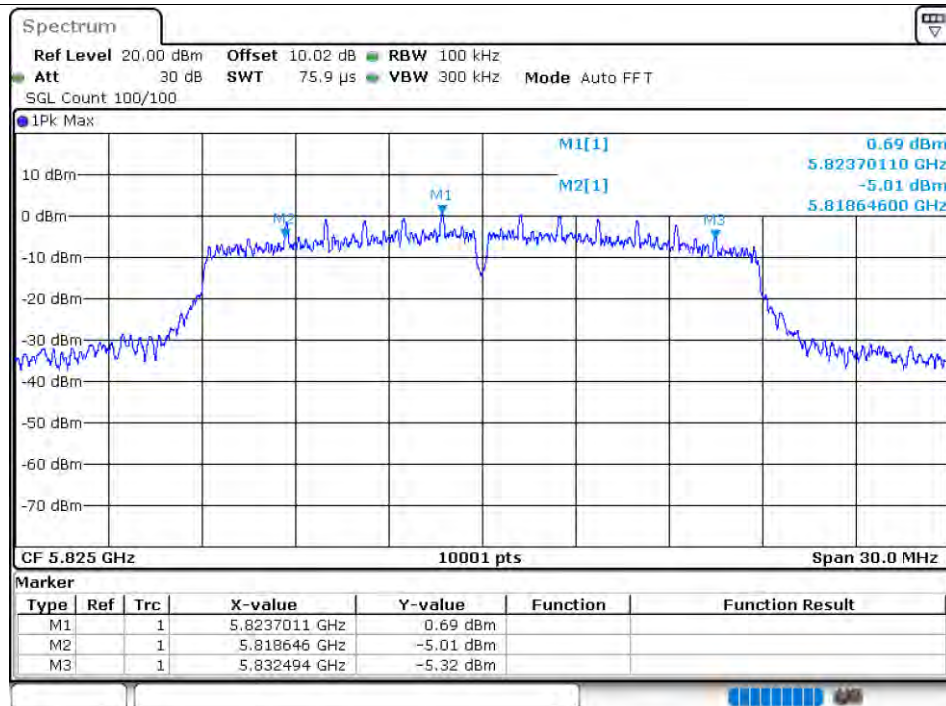
-6dB Bandwidth NVNT n20 5745MHz Ant1



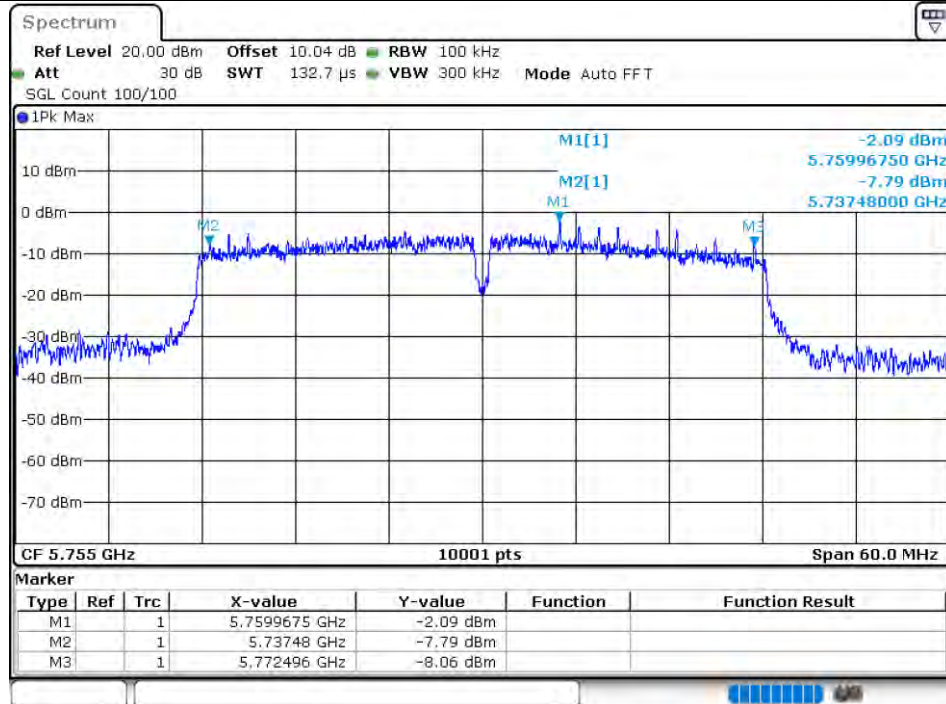
-6dB Bandwidth NVNT n20 5785MHz Ant1



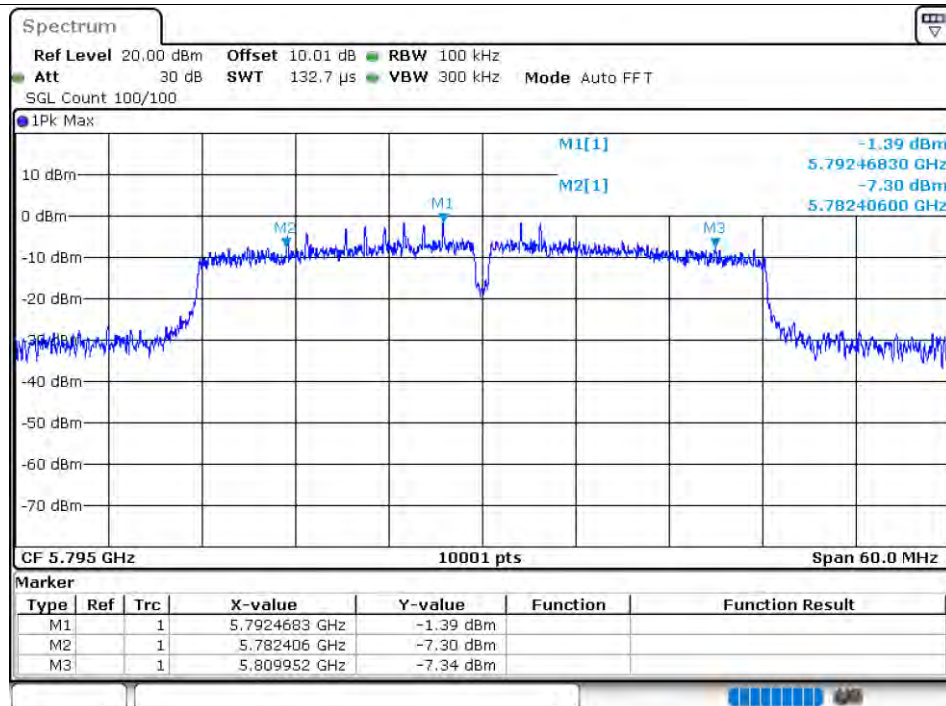
-6dB Bandwidth NVNT n20 5825MHz Ant1



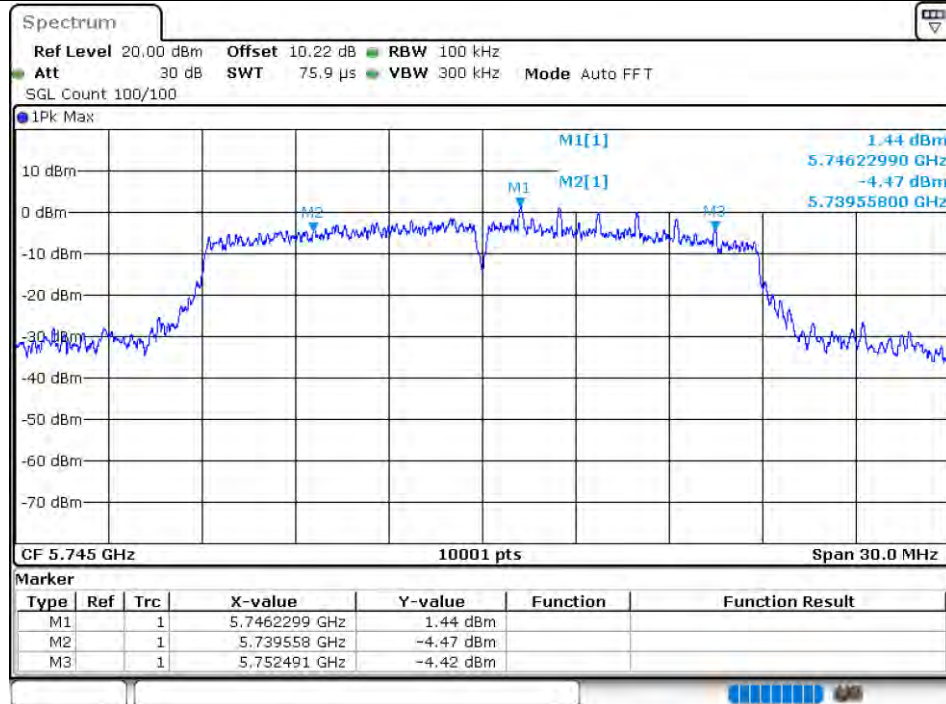
-6dB Bandwidth NVNT n40 5755MHz Ant1



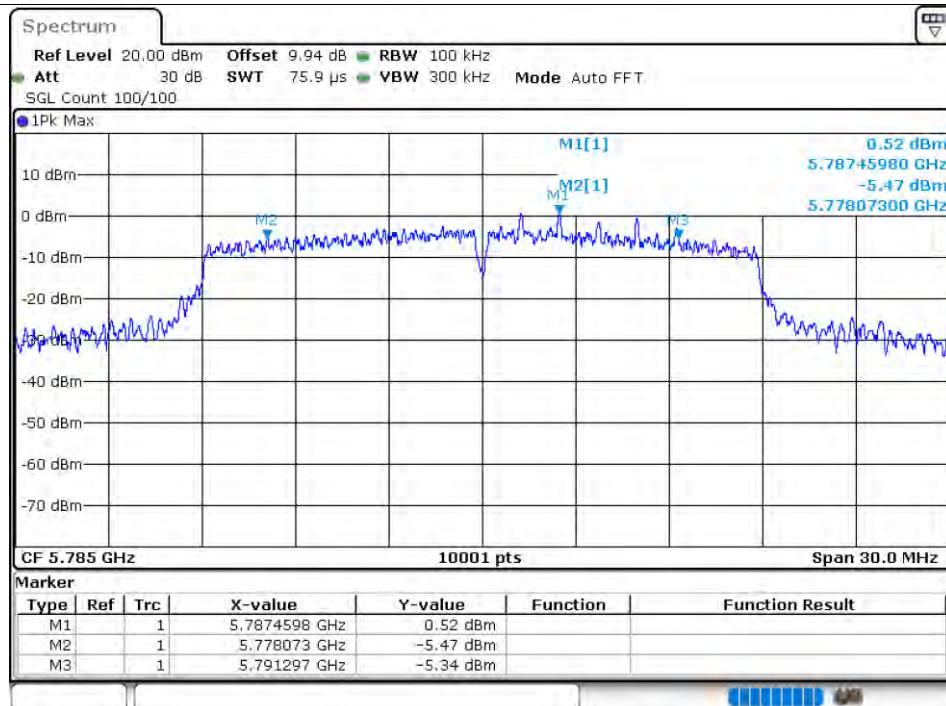
-6dB Bandwidth NVNT n40 5795MHz Ant1

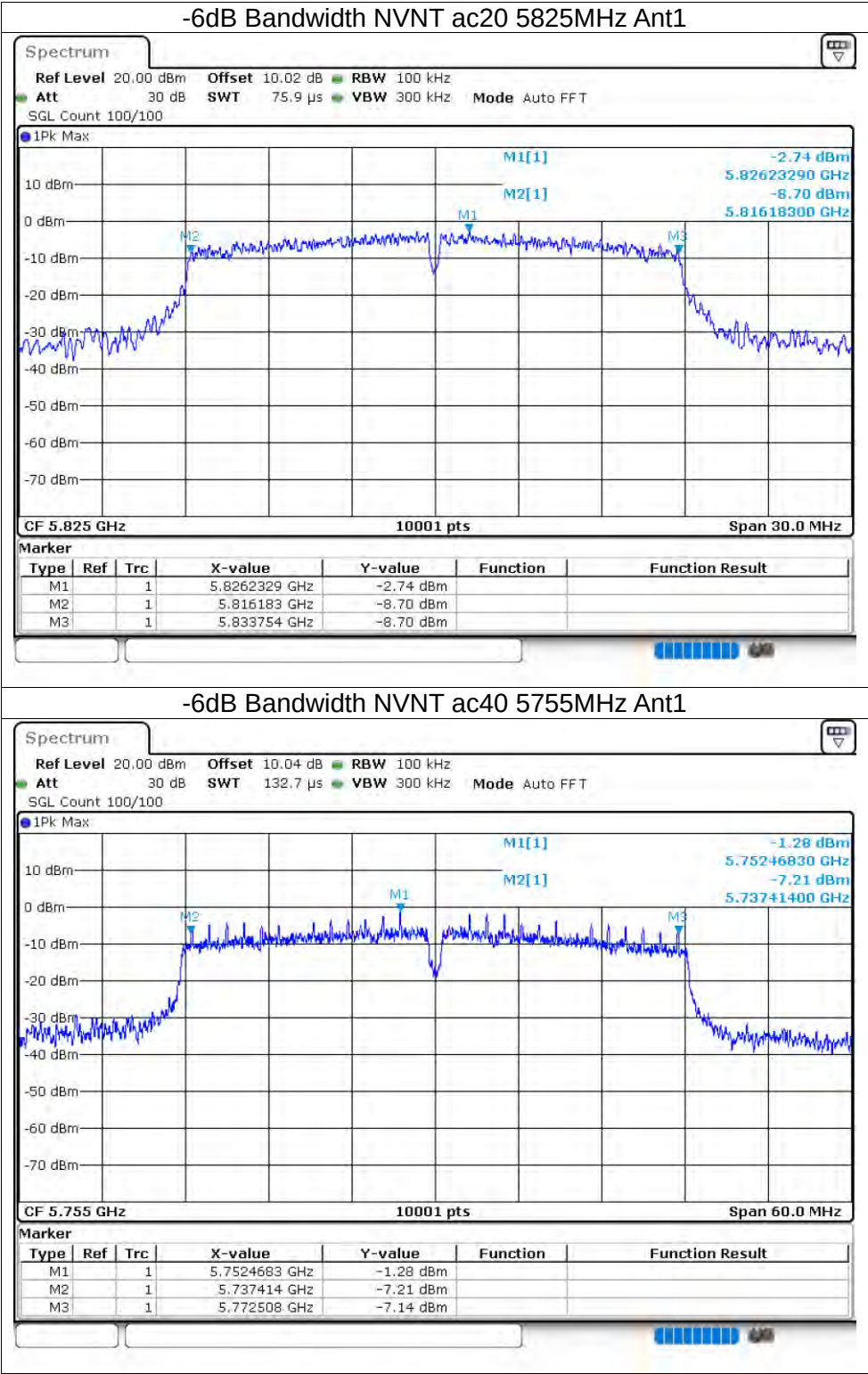


-6dB Bandwidth NVNT ac20 5745MHz Ant1

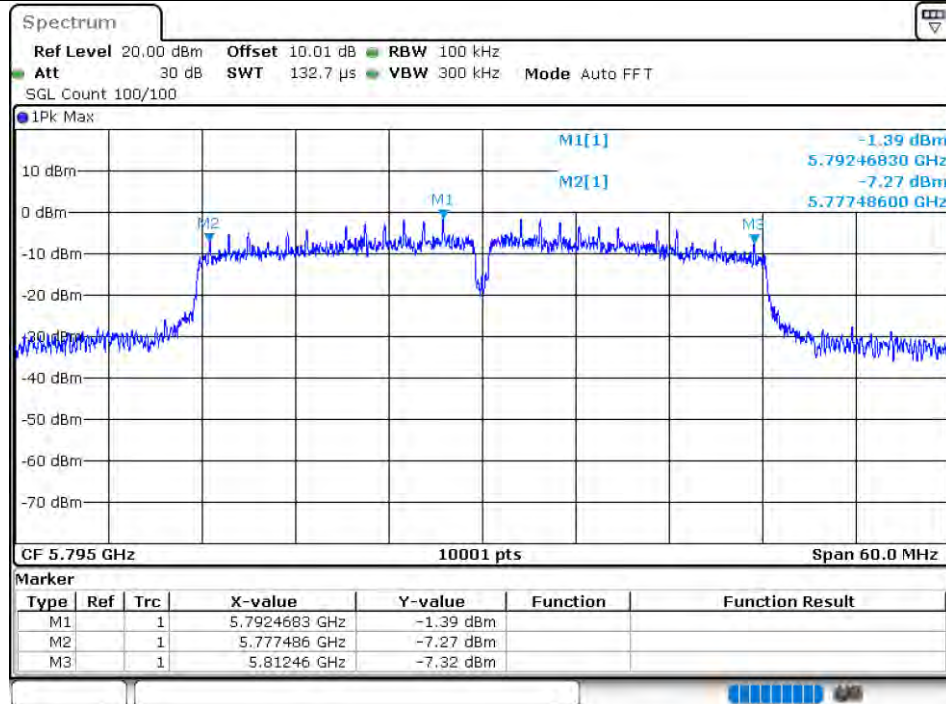


-6dB Bandwidth NVNT ac20 5785MHz Ant1

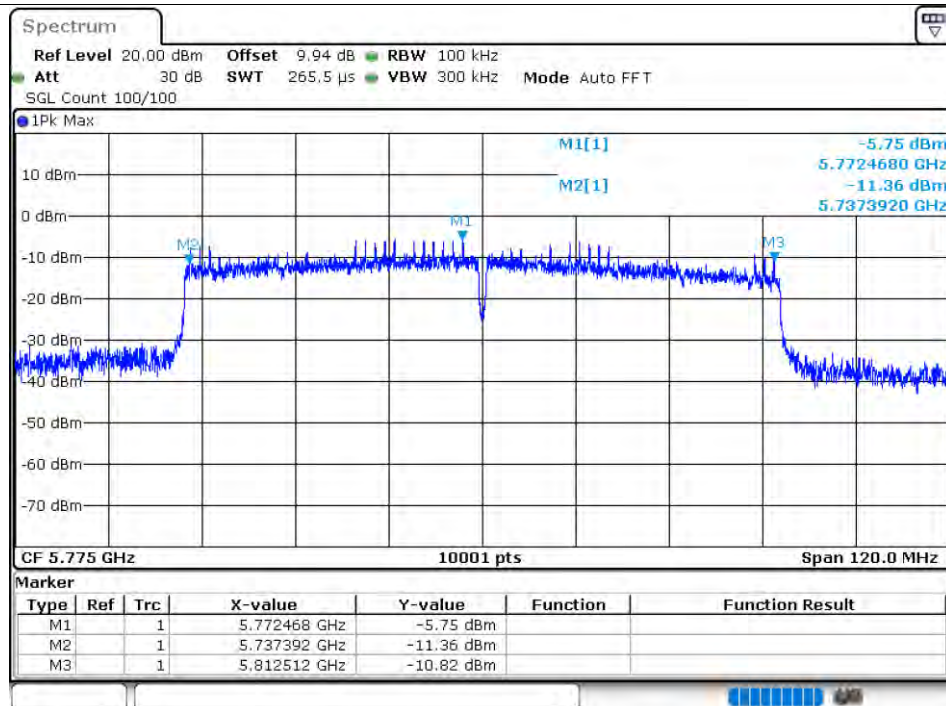




-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1

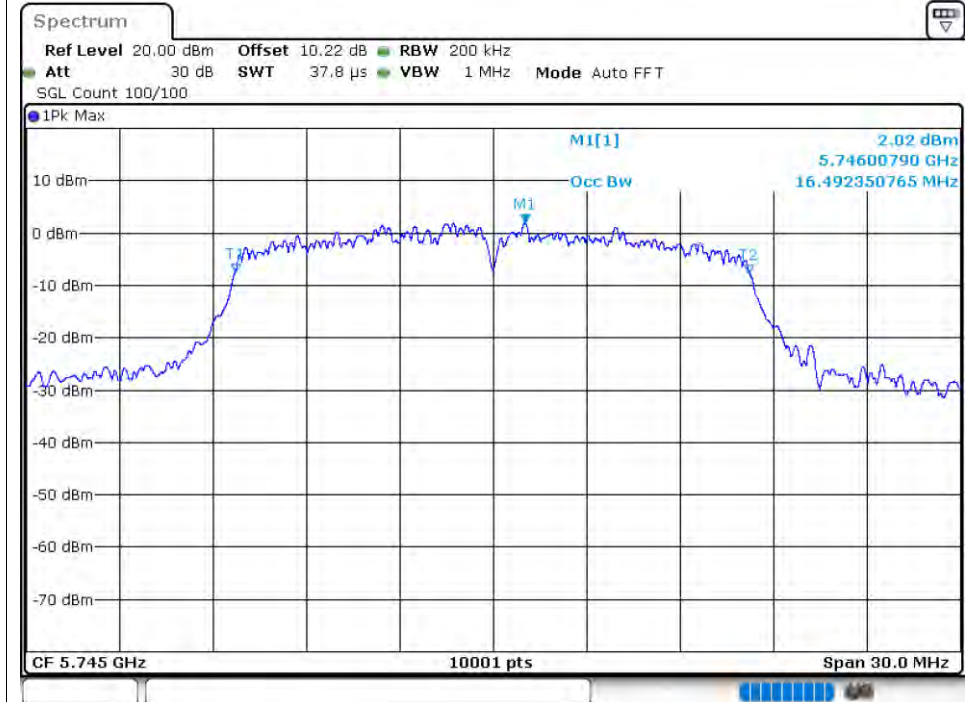


OCCUPIED CHANNEL BANDWIDTH

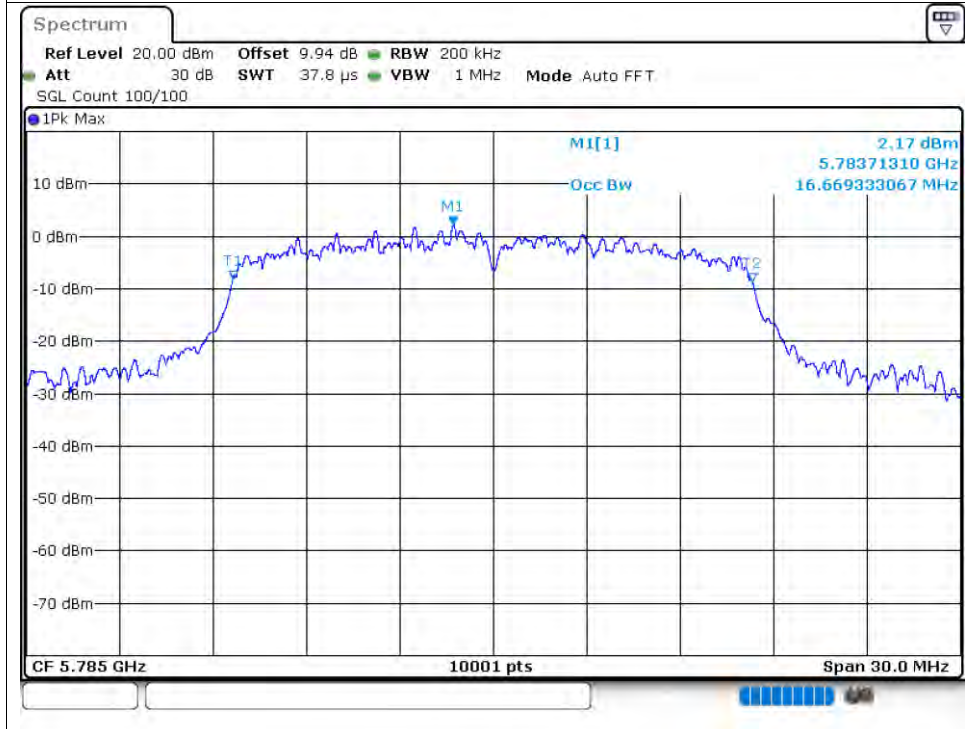
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.492
NVNT	a	5785	Ant1	16.669
NVNT	a	5825	Ant1	16.375
NVNT	n20	5745	Ant1	17.557
NVNT	n20	5785	Ant1	17.65
NVNT	n20	5825	Ant1	17.614
NVNT	n40	5755	Ant1	36.224
NVNT	n40	5795	Ant1	36.476
NVNT	ac20	5745	Ant1	17.587
NVNT	ac20	5785	Ant1	17.725
NVNT	ac20	5825	Ant1	17.62
NVNT	ac40	5755	Ant1	36.218
NVNT	ac40	5795	Ant1	36.434
NVNT	ac80	5775	Ant1	75.664

Test Graphs

OBW NVNT a 5745MHz Ant1



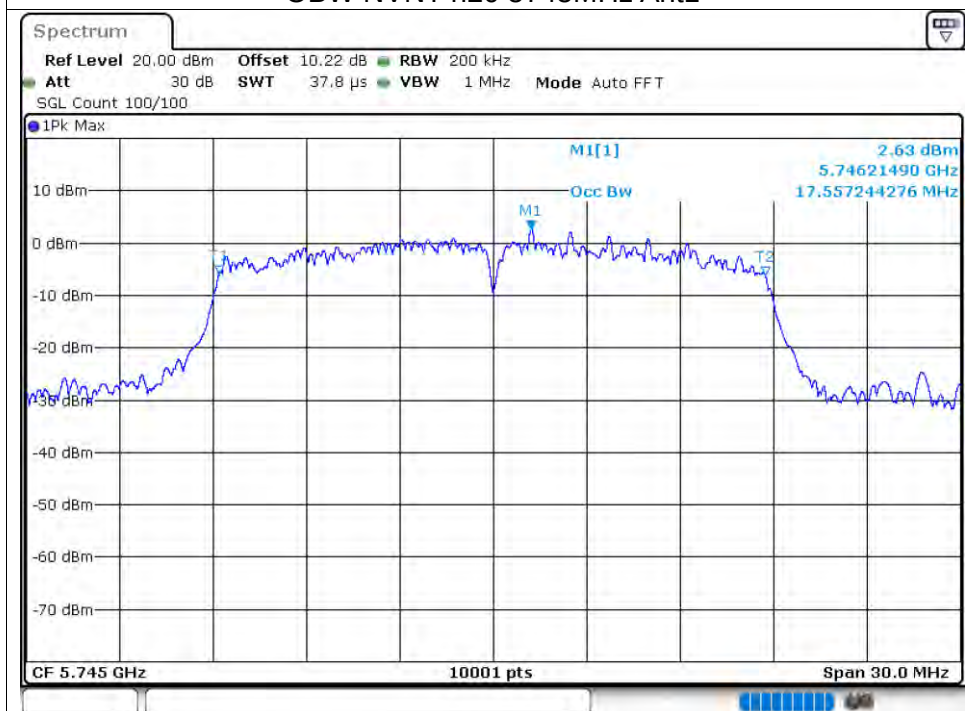
OBW NVNT a 5785MHz Ant1



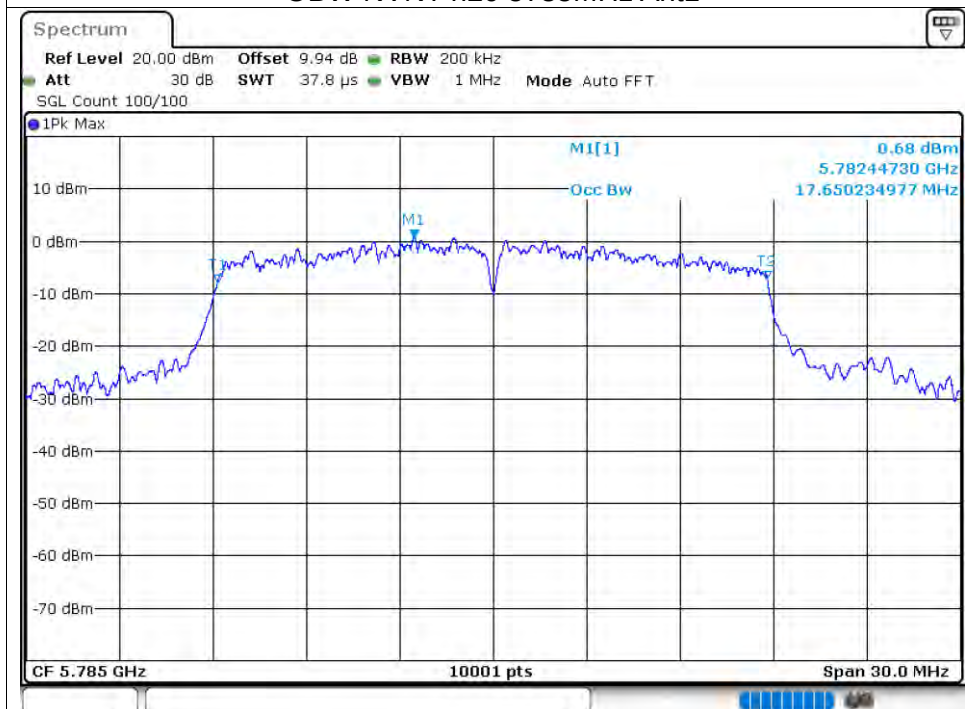
OBW NVNT a 5825MHz Ant1



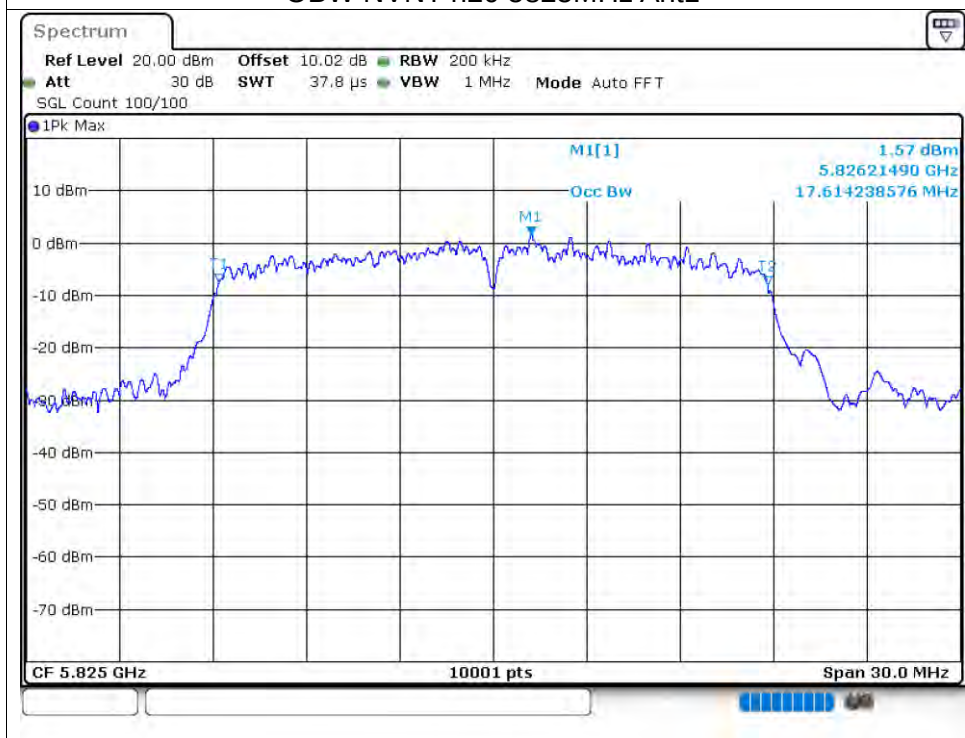
OBW NVNT n20 5745MHz Ant1



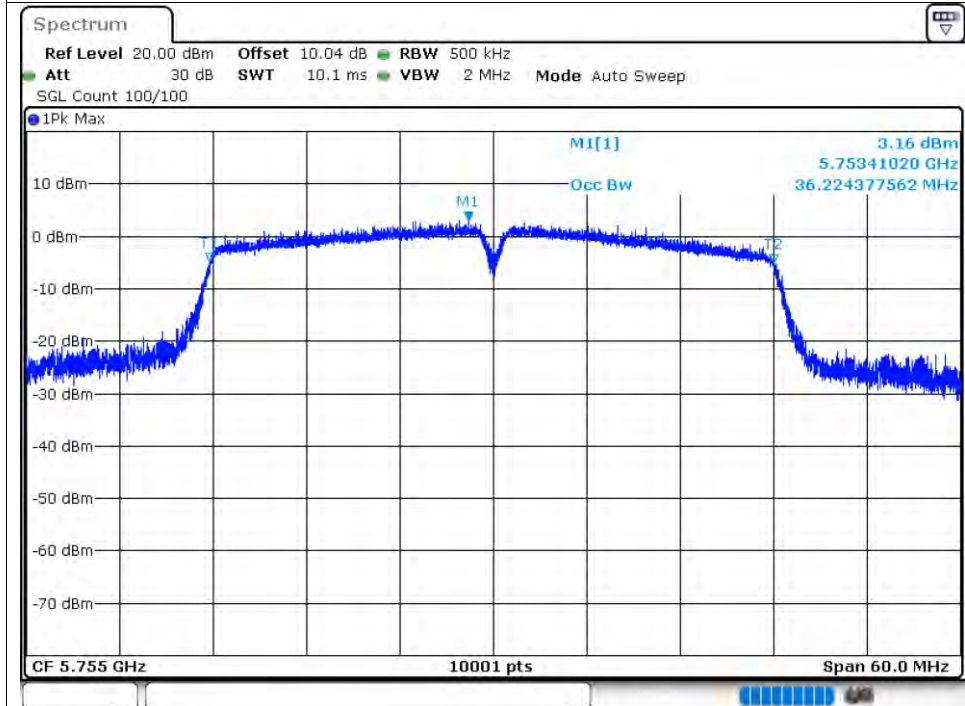
OBW NVNT n20 5785MHz Ant1



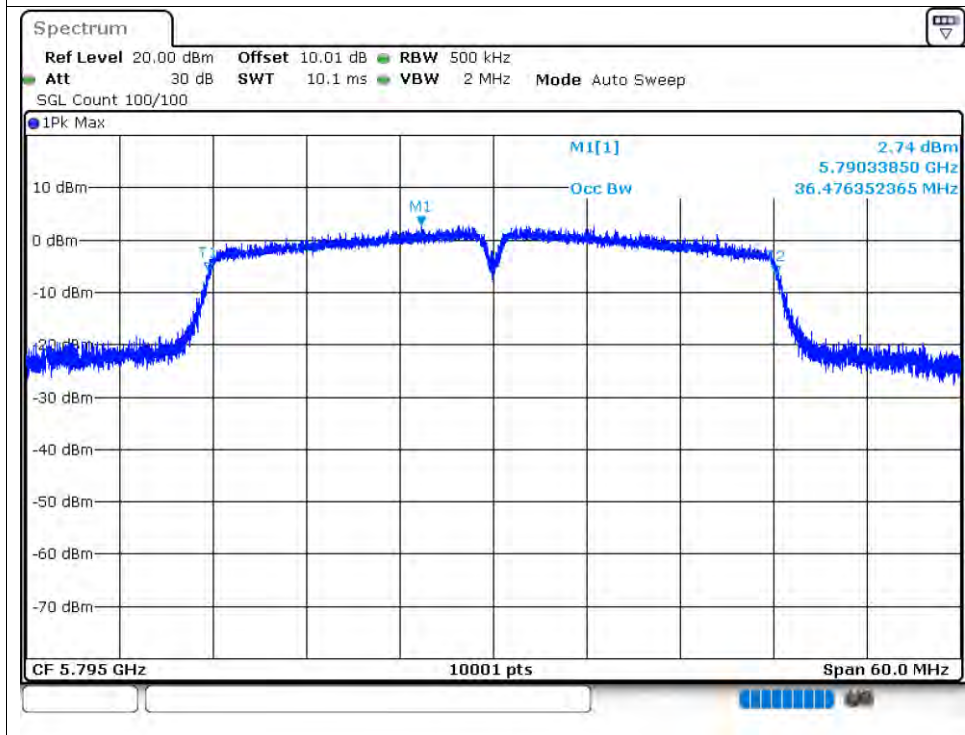
OBW NVNT n20 5825MHz Ant1



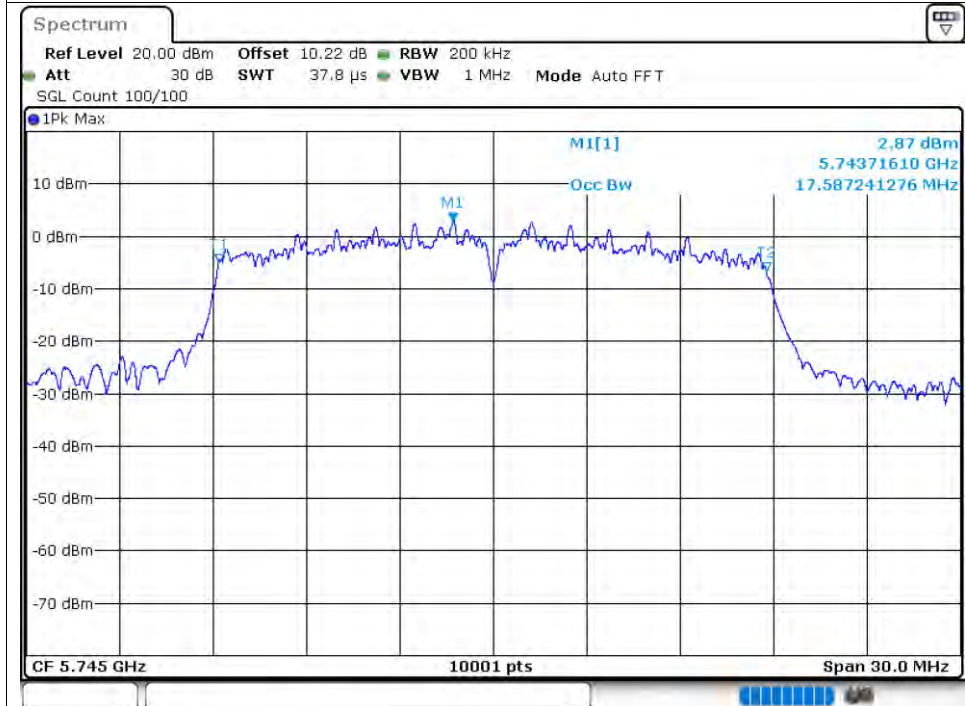
OBW NVNT n40 5755MHz Ant1



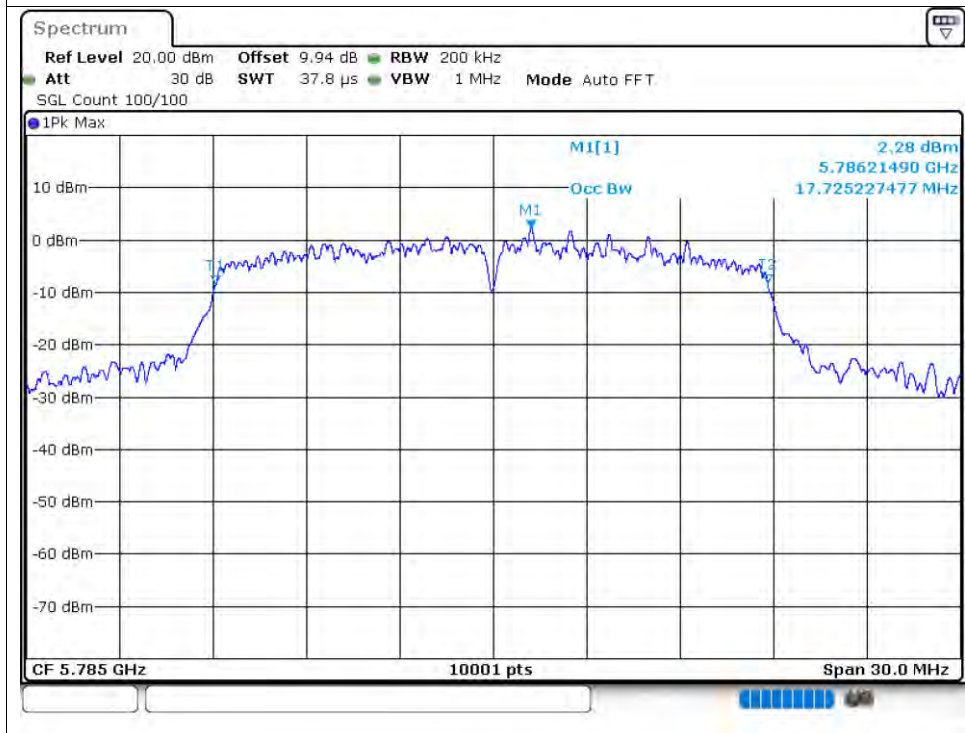
OBW NVNT n40 5795MHz Ant1



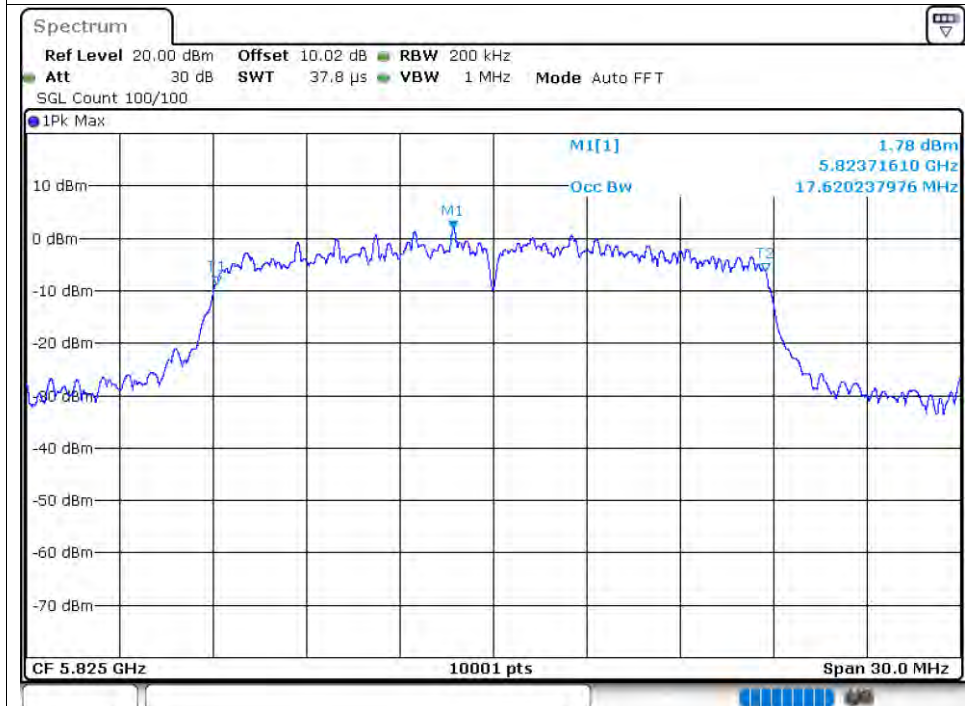
OBW NVNT ac20 5745MHz Ant1



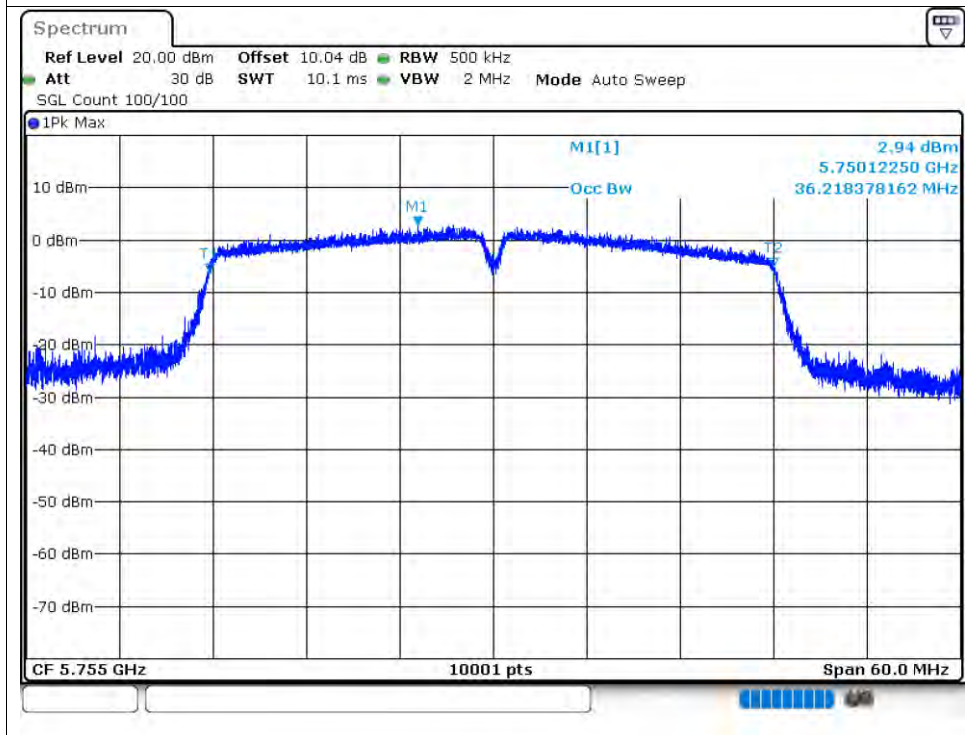
OBW NVNT ac20 5785MHz Ant1



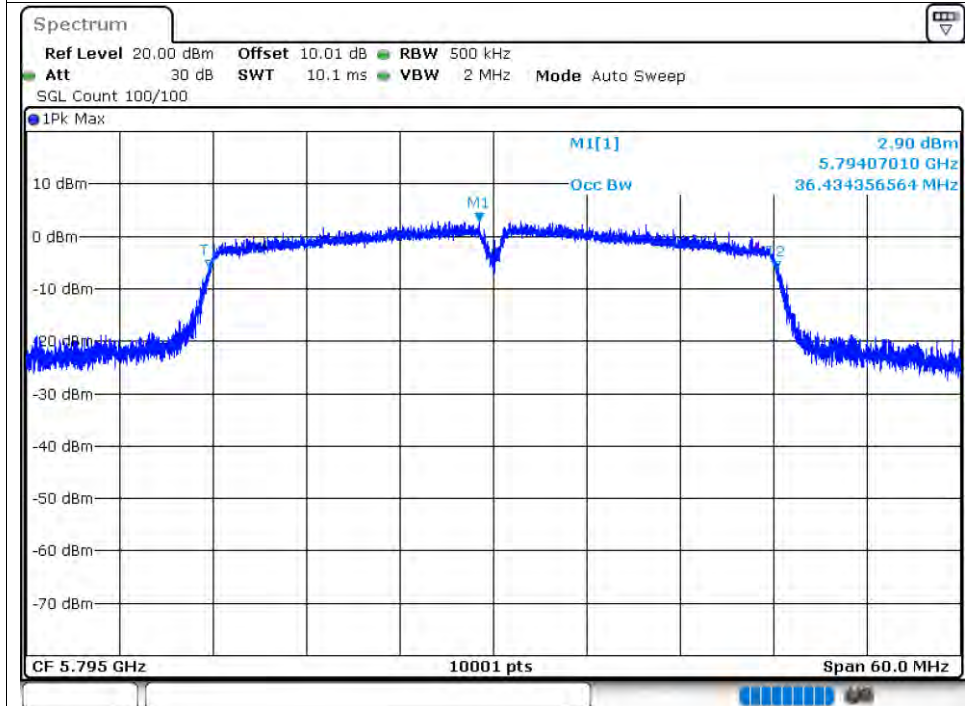
OBW NVNT ac20 5825MHz Ant1



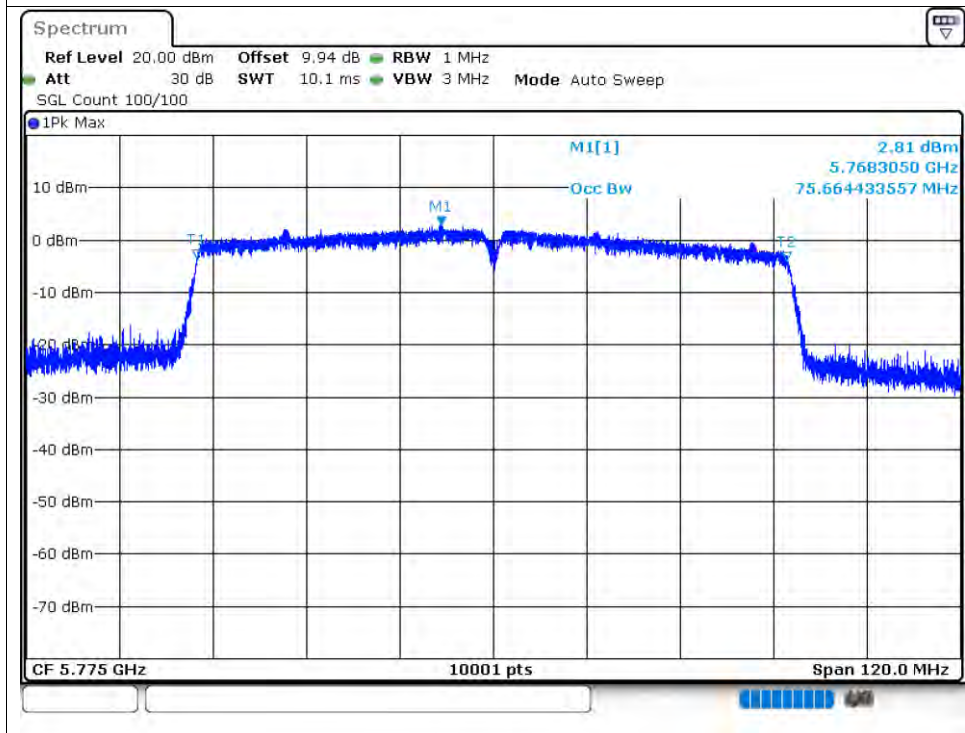
OBW NVNT ac40 5755MHz Ant1



OBW NVNT ac40 5795MHz Ant1



OBW NVNT ac80 5775MHz Ant1

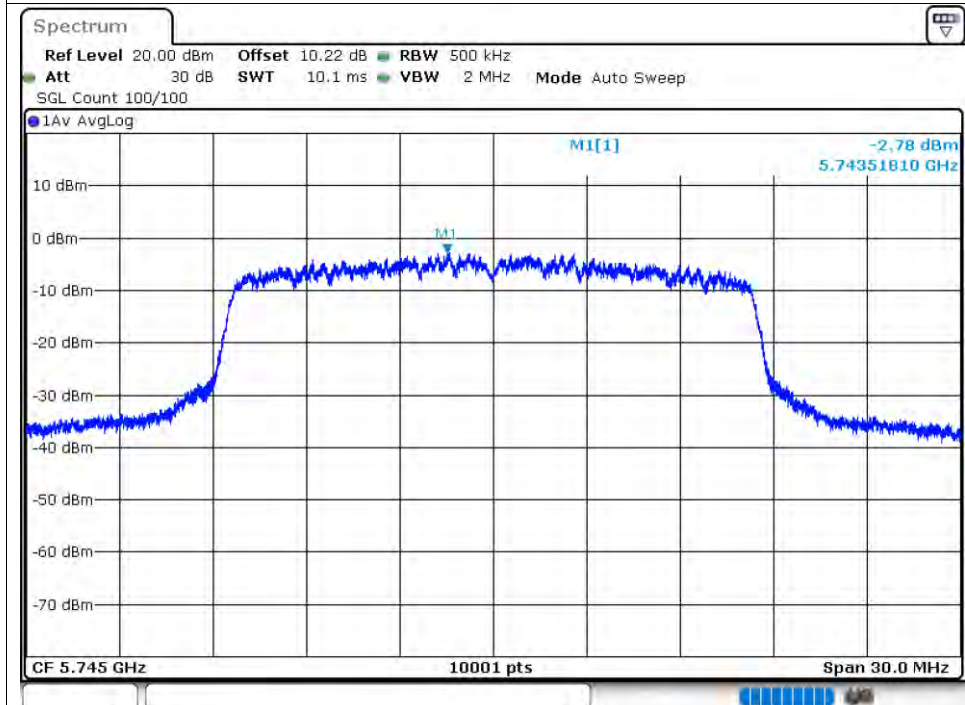


MAXIMUM POWER SPECTRAL DENSITY LEVEL

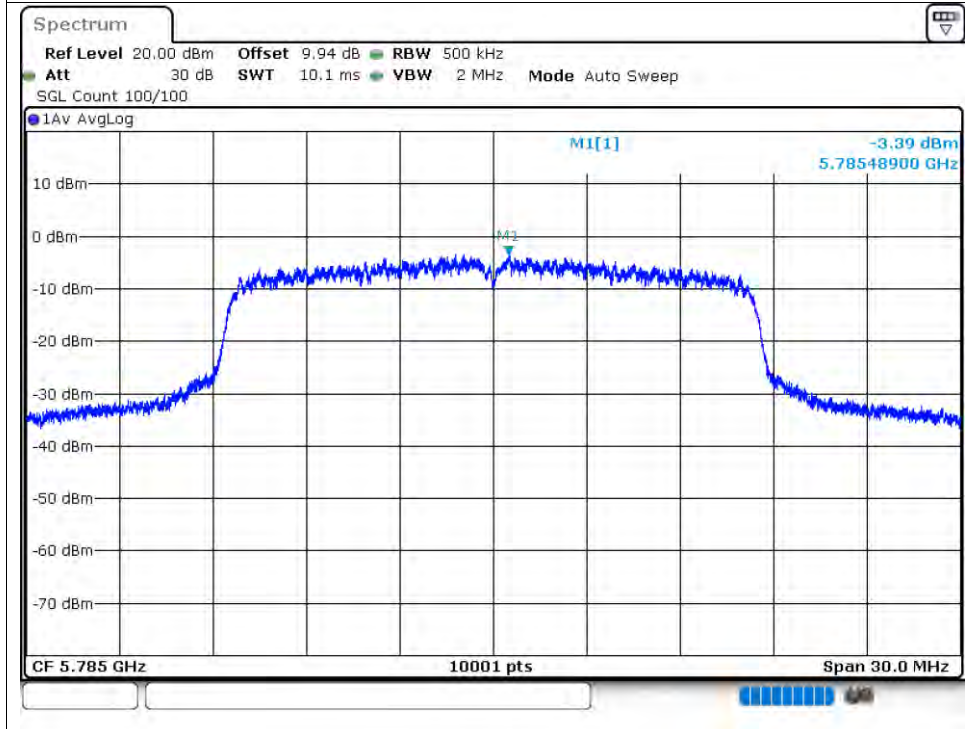
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-2.78	0.11	-2.67	30	Pass
NVNT	a	5785	Ant1	-3.39	0.11	-3.28	30	Pass
NVNT	a	5825	Ant1	-3.56	0.11	-3.45	30	Pass
NVNT	n20	5745	Ant1	-2.77	0.11	-2.66	30	Pass
NVNT	n20	5785	Ant1	-3.58	0.12	-3.46	30	Pass
NVNT	n20	5825	Ant1	-3.45	0.12	-3.33	30	Pass
NVNT	n40	5755	Ant1	-7.22	0.22	-7	30	Pass
NVNT	n40	5795	Ant1	-6.96	0.22	-6.74	30	Pass
NVNT	ac20	5745	Ant1	-2.38	0.11	-2.27	30	Pass
NVNT	ac20	5785	Ant1	-3.52	0.12	-3.4	30	Pass
NVNT	ac20	5825	Ant1	-3.63	0.11	-3.52	30	Pass
NVNT	ac40	5755	Ant1	-7.2	0.22	-6.98	30	Pass
NVNT	ac40	5795	Ant1	-5.87	0.22	-5.65	30	Pass
NVNT	ac80	5775	Ant1	-12.97	0.43	-12.54	30	Pass

Test Graphs

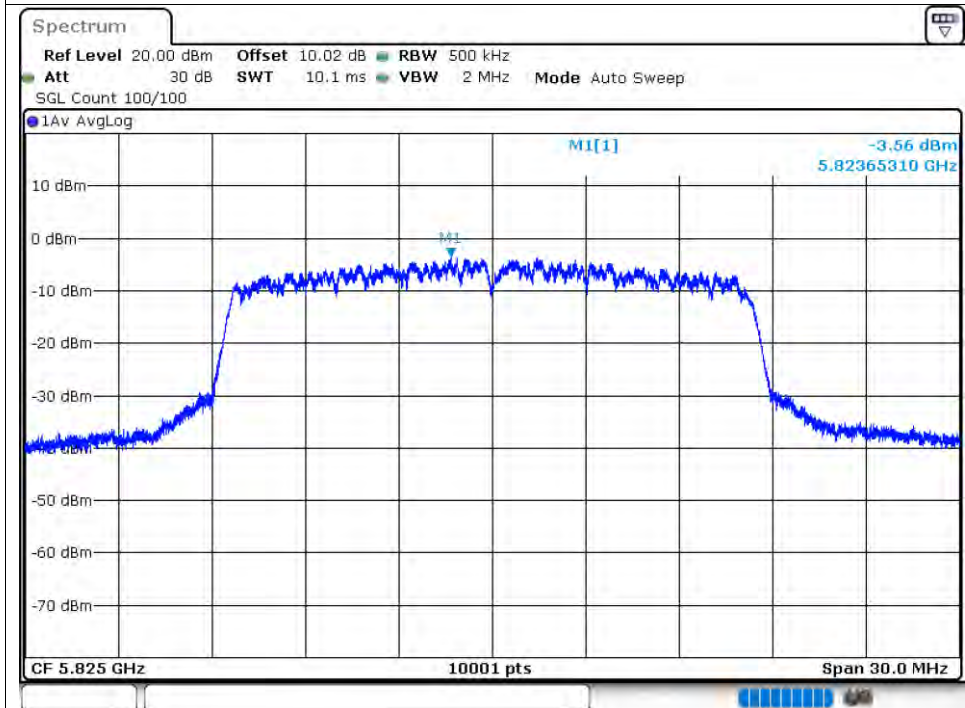
PSD NVNT a 5745MHz Ant1



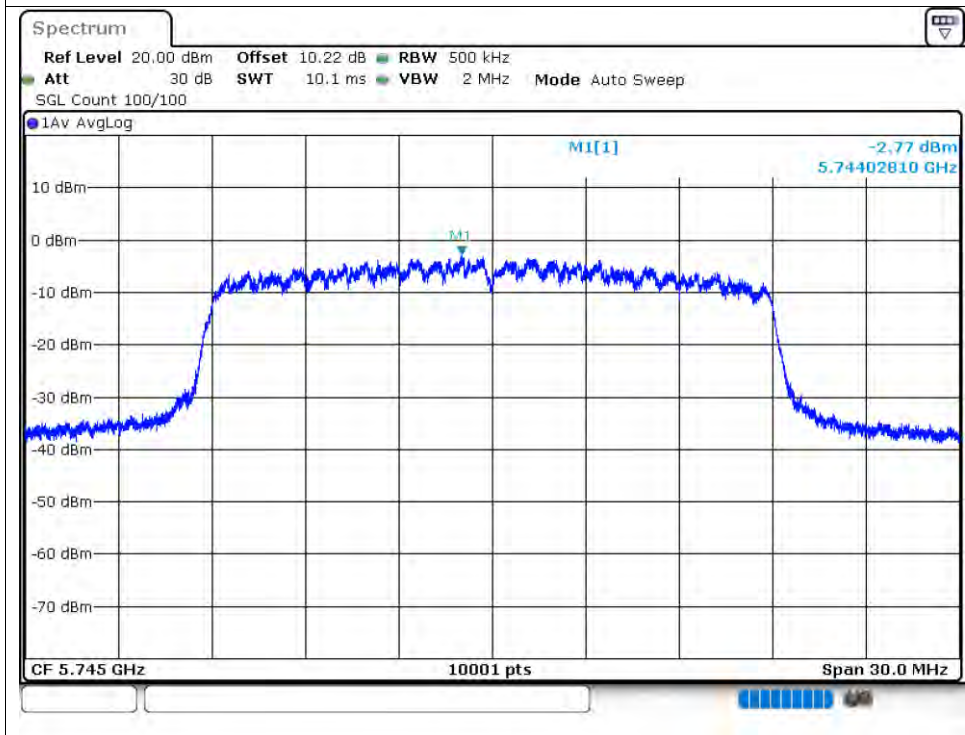
PSD NVNT a 5785MHz Ant1



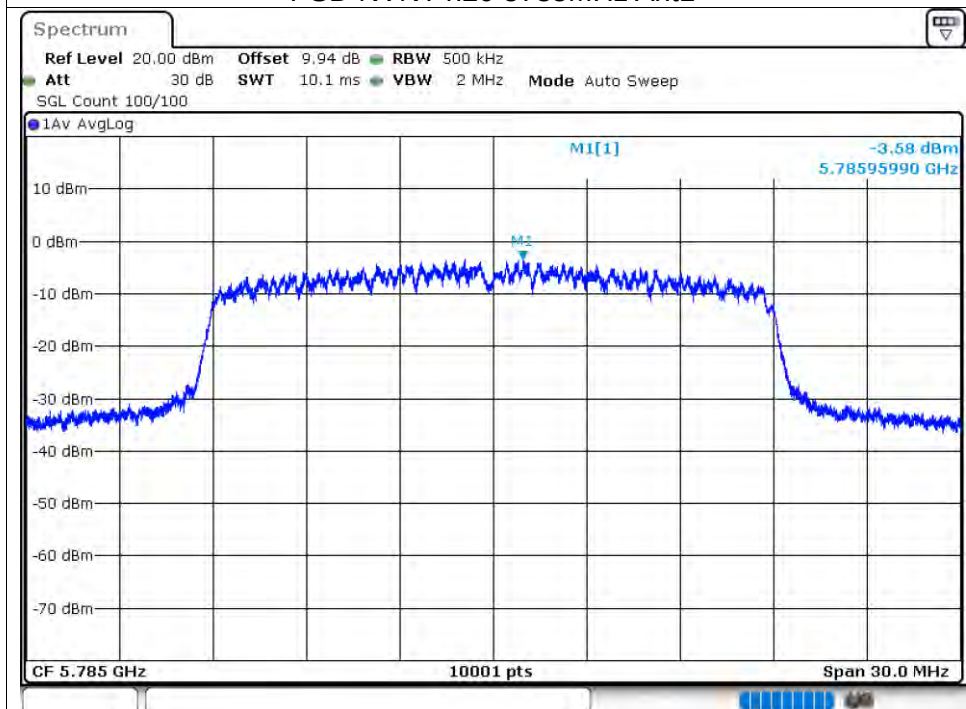
PSD NVNT a 5825MHz Ant1



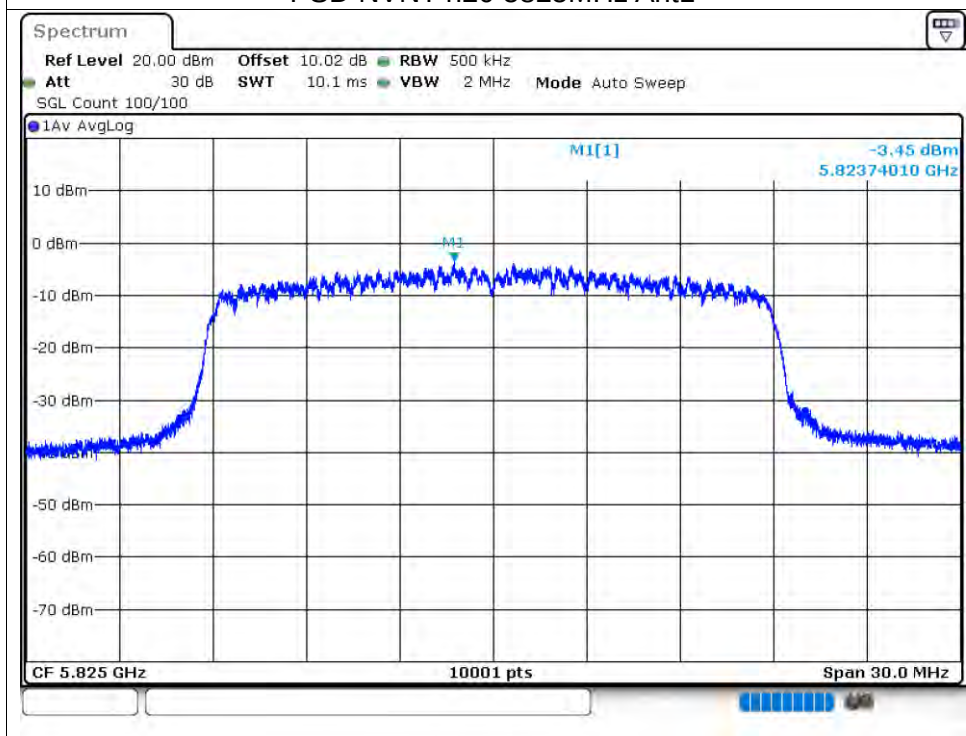
PSD NVNT n20 5745MHz Ant1



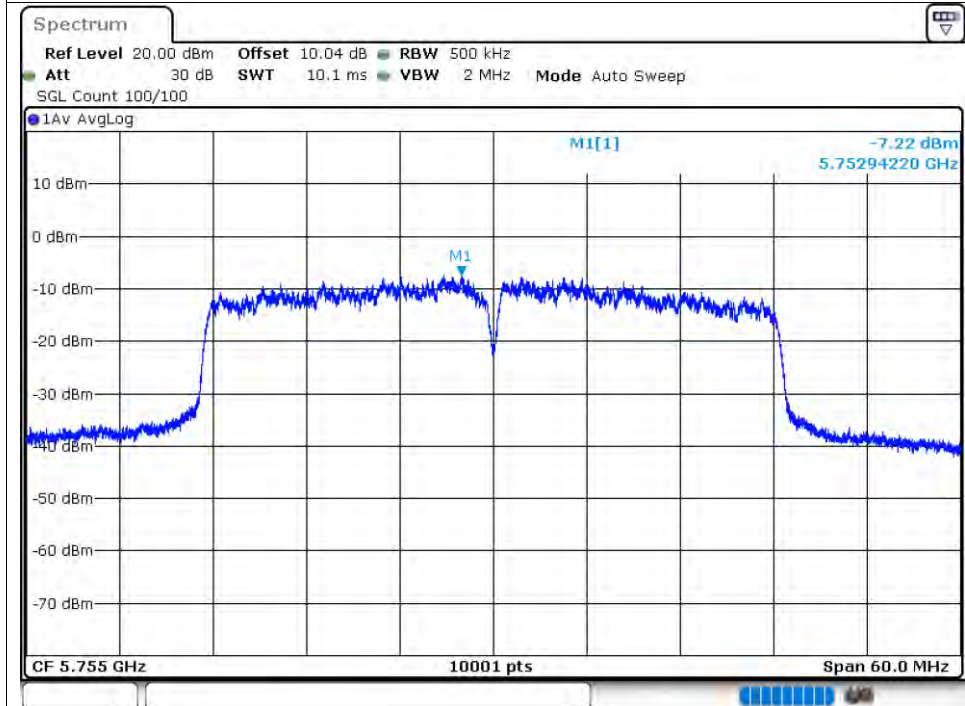
PSD NVNT n20 5785MHz Ant1



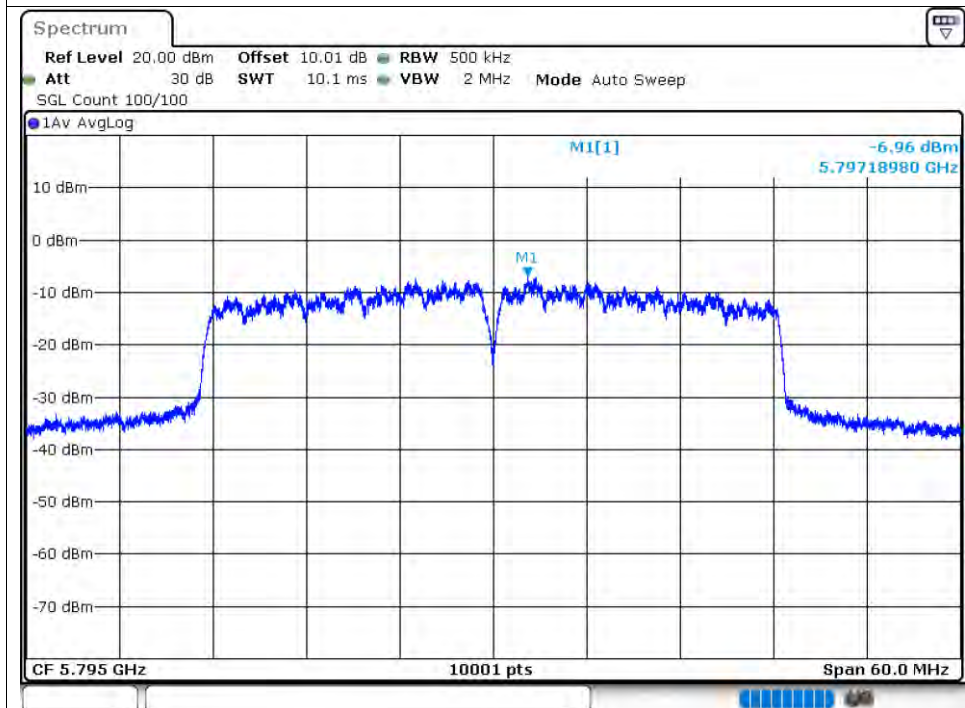
PSD NVNT n20 5825MHz Ant1



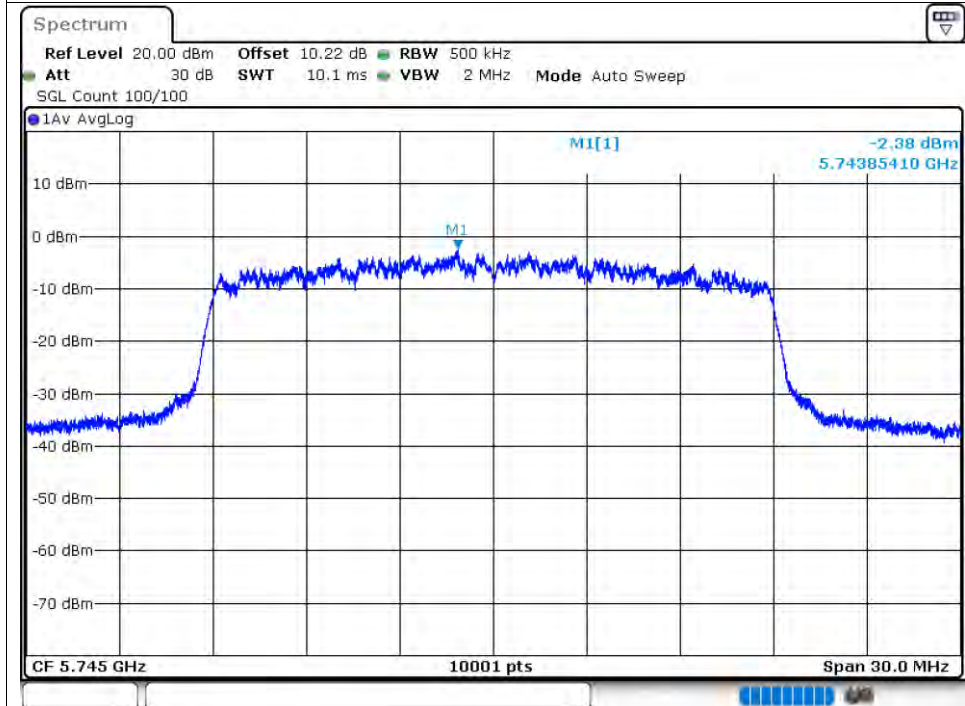
PSD NVNT n40 5755MHz Ant1



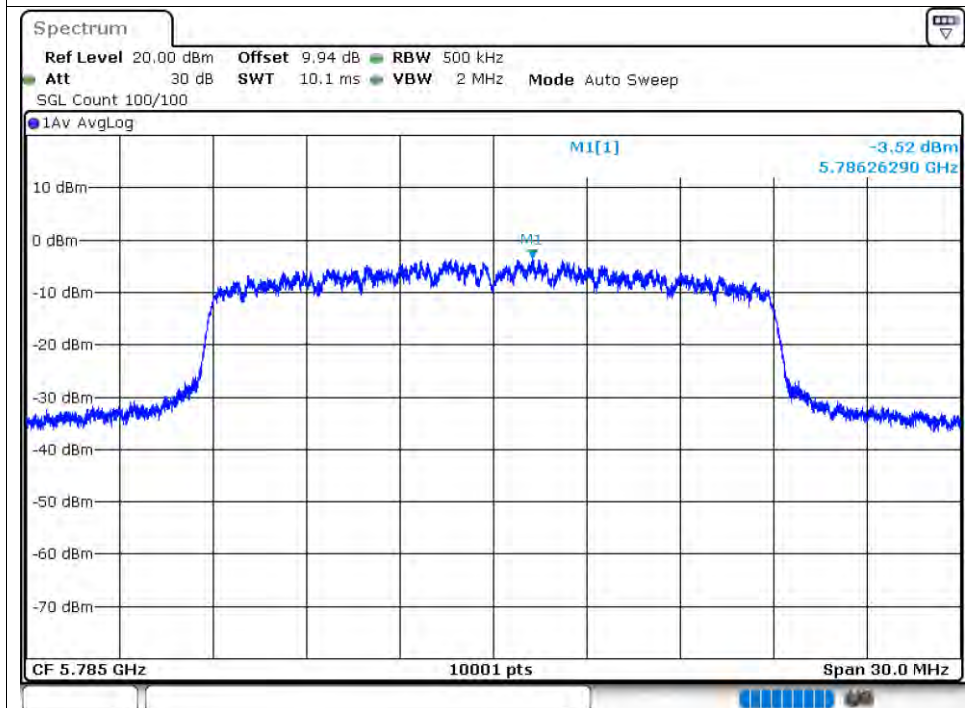
PSD NVNT n40 5795MHz Ant1



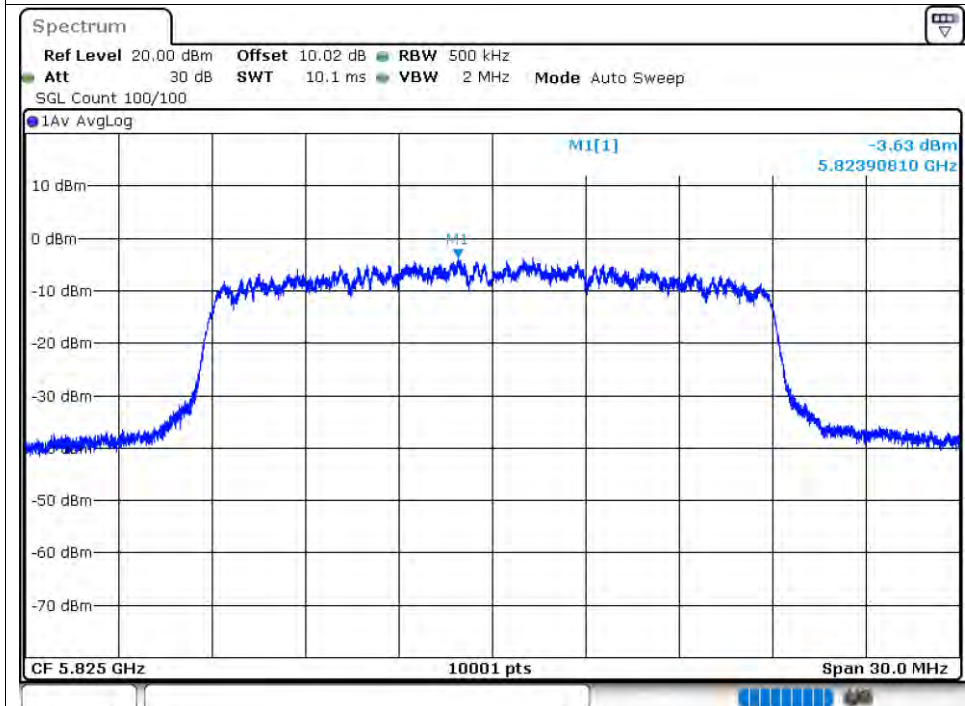
PSD NVNT ac20 5745MHz Ant1



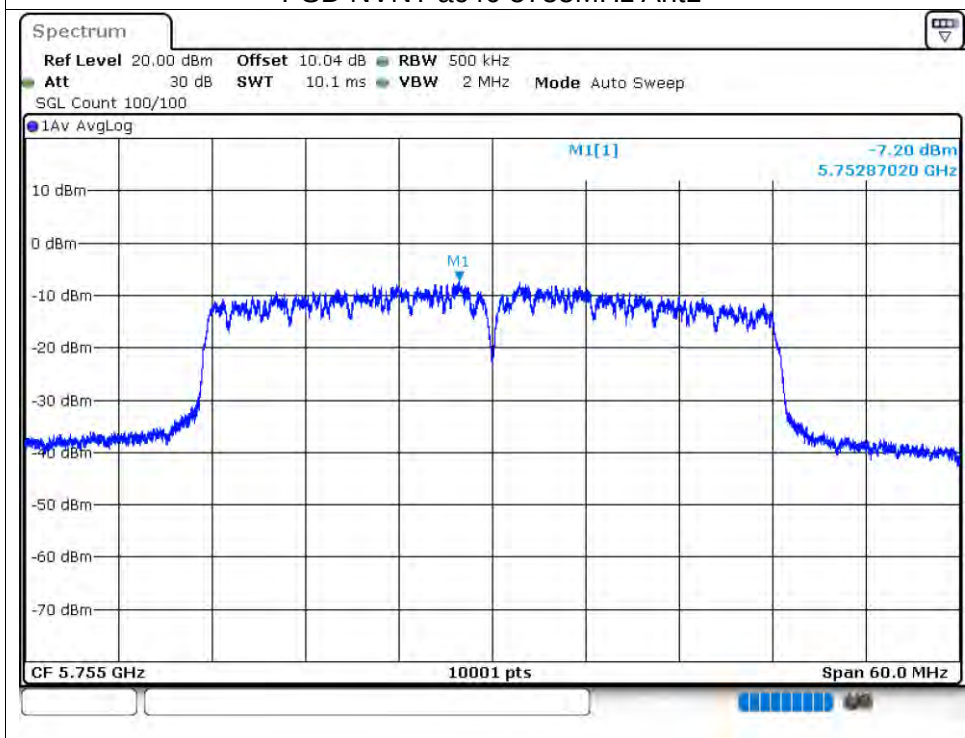
PSD NVNT ac20 5785MHz Ant1



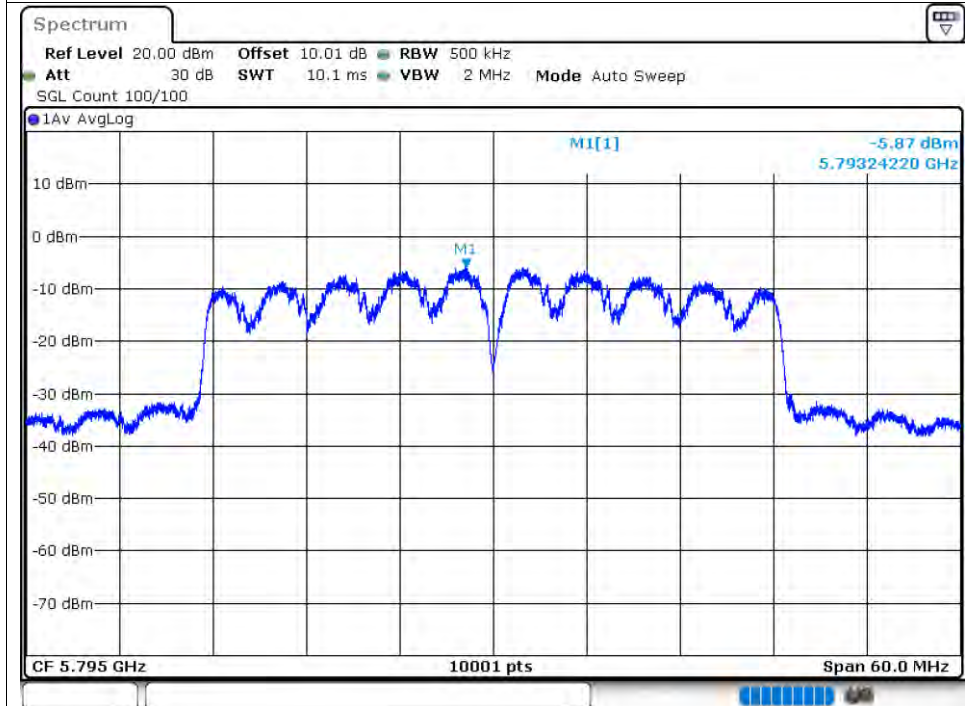
PSD NVNT ac20 5825MHz Ant1



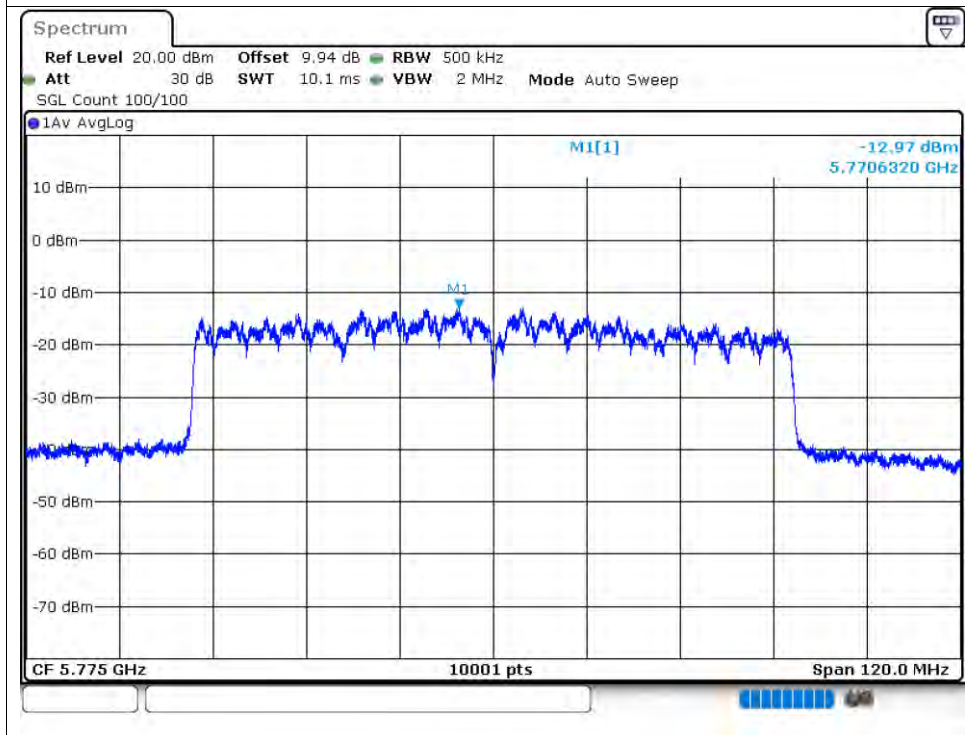
PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1

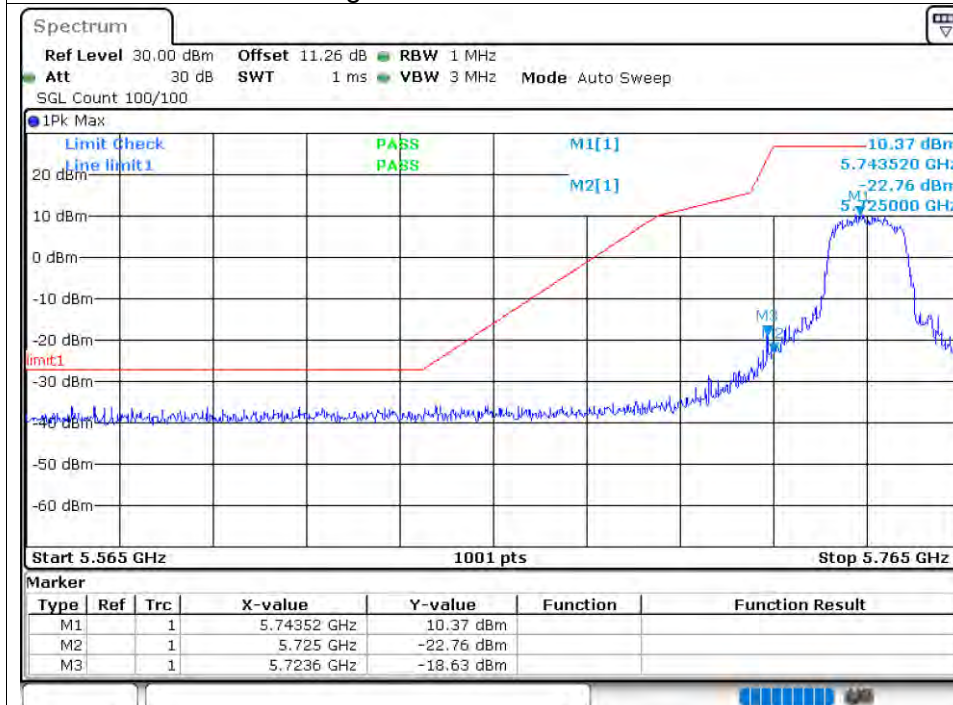


BAND EDGE

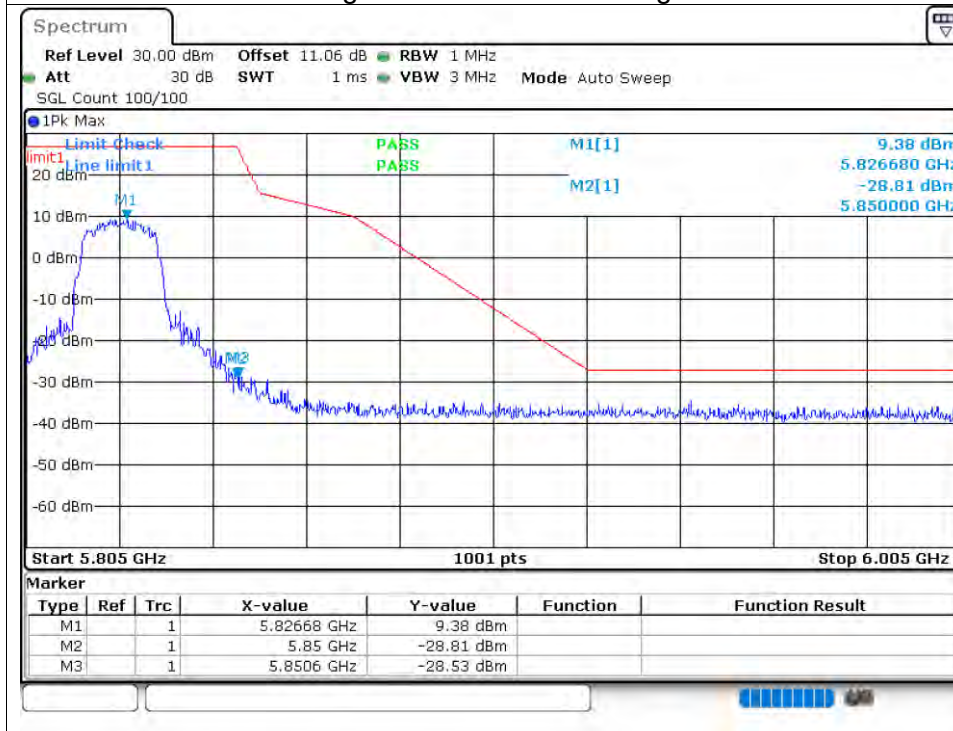
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-18.62		Pass
NVNT	a	5825	Ant1	-28.52		Pass
NVNT	n20	5745	Ant1	-21.57		Pass
NVNT	n20	5825	Ant1	-27.62		Pass
NVNT	n40	5755	Ant1	-18.13		Pass
NVNT	n40	5795	Ant1	-28.79		Pass
NVNT	ac20	5745	Ant1	-17.17		Pass
NVNT	ac20	5825	Ant1	-27.95		Pass
NVNT	ac40	5755	Ant1	-16.89		Pass
NVNT	ac40	5795	Ant1	-30.14		Pass
NVNT	ac80	5775	Ant1	-25.1		Pass

Test Graphs

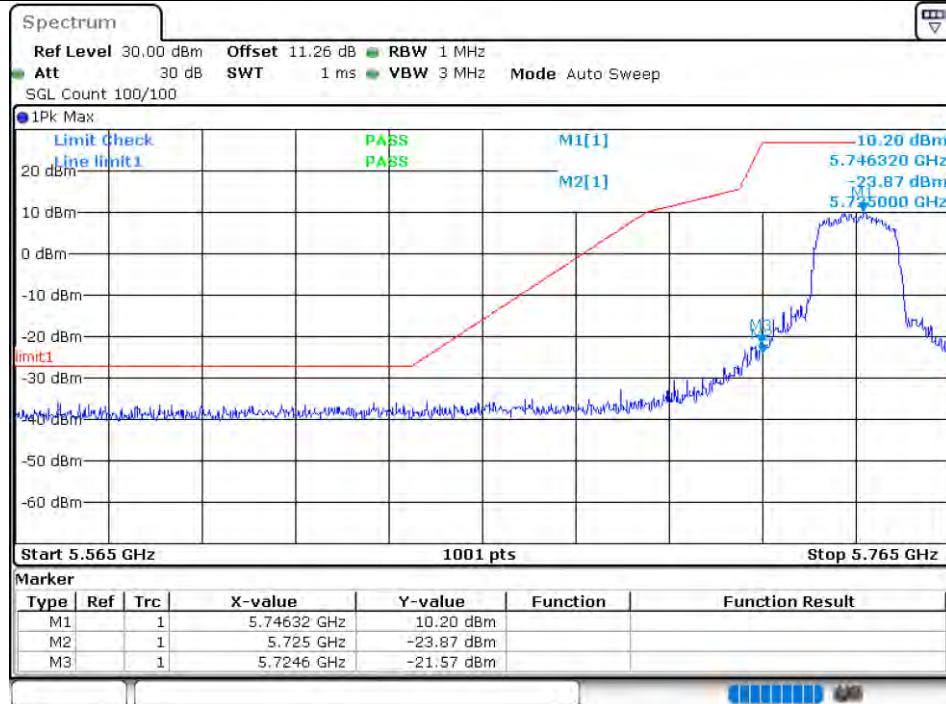
Band Edge NVNT a 5745MHz Low Ant1



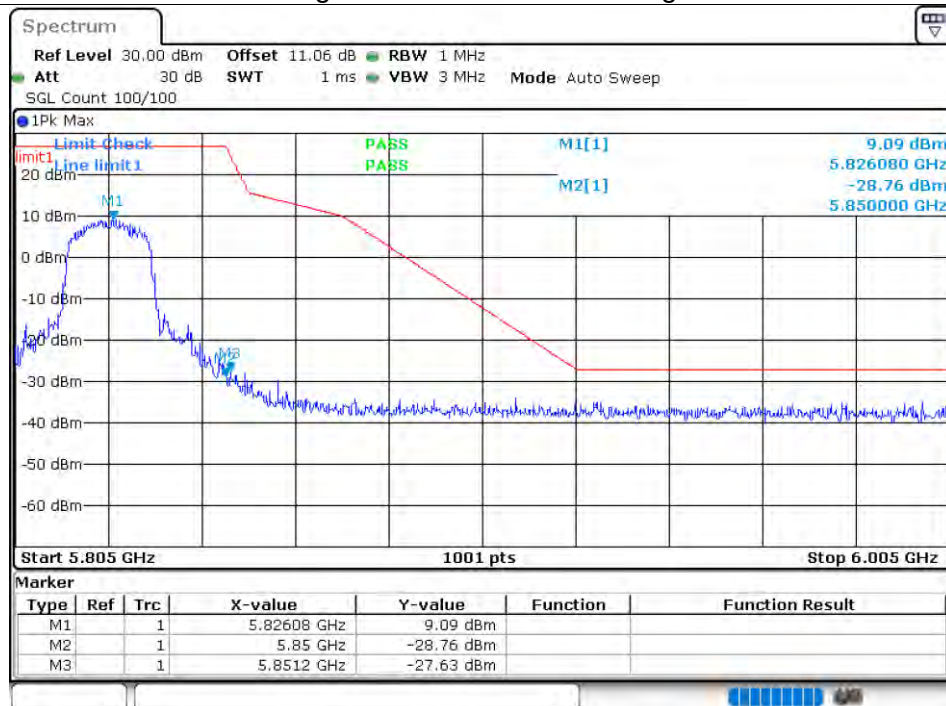
Band Edge NVNT a 5825MHz High Ant1



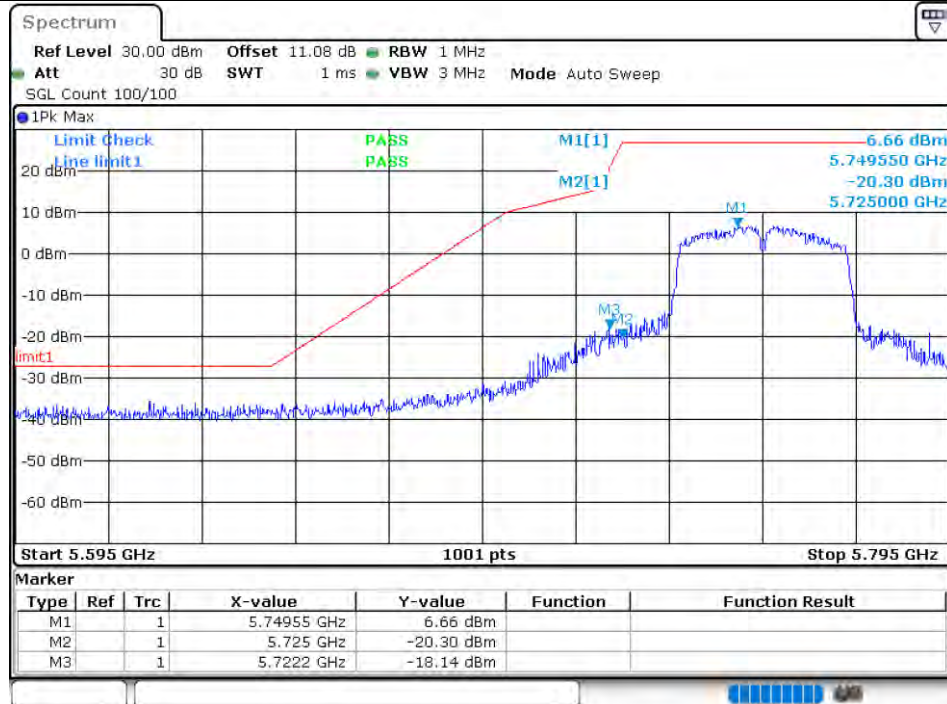
Band Edge NVNT n20 5745MHz Low Ant1



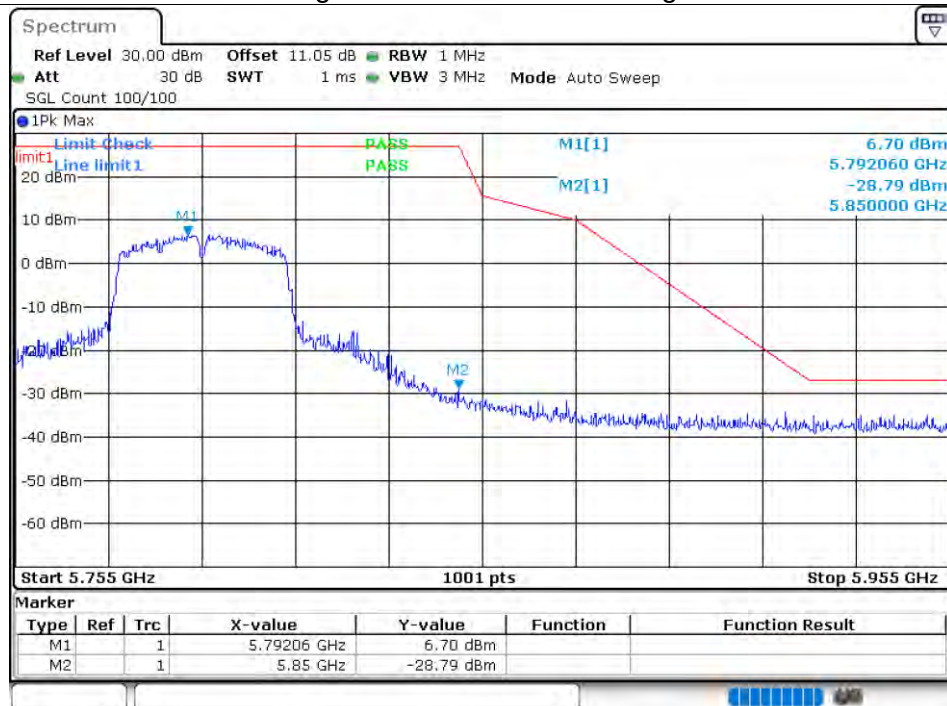
Band Edge NVNT n20 5825MHz High Ant1



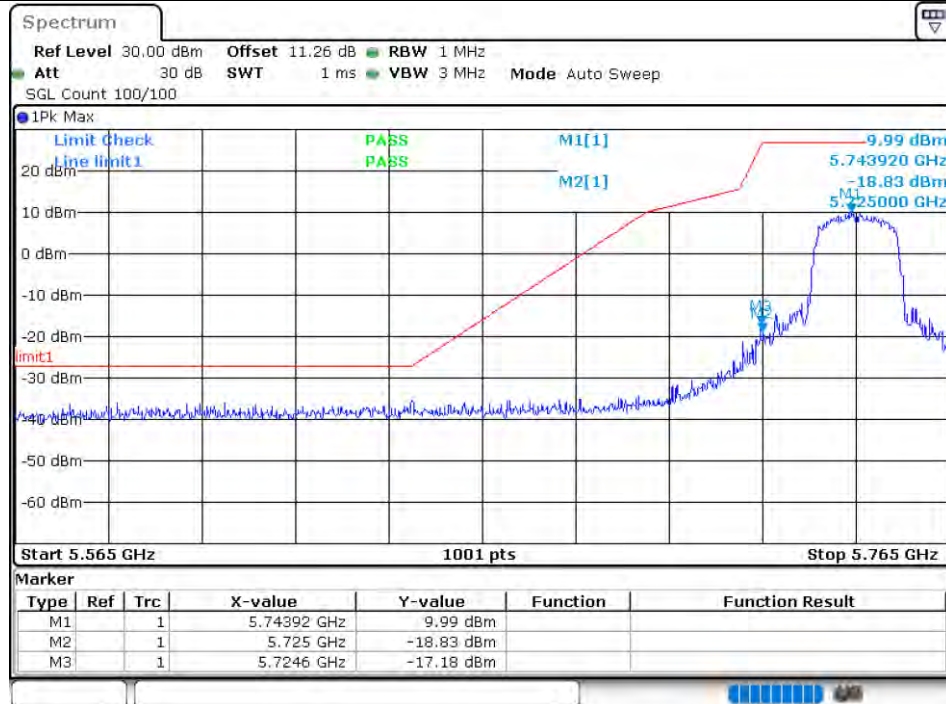
Band Edge NVNT n40 5755MHz Low Ant1



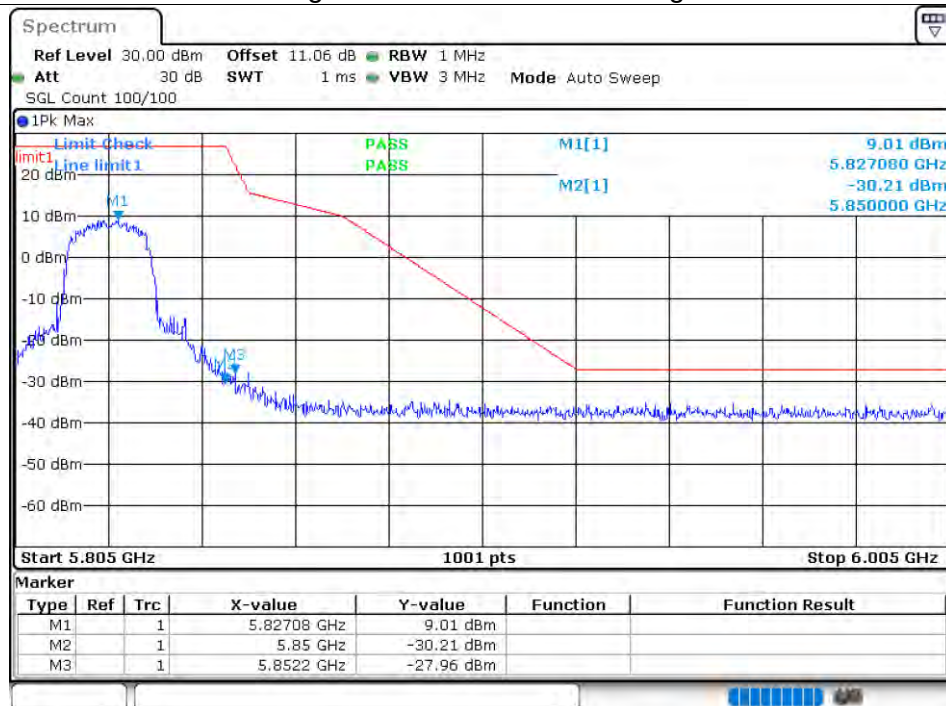
Band Edge NVNT n40 5795MHz High Ant1



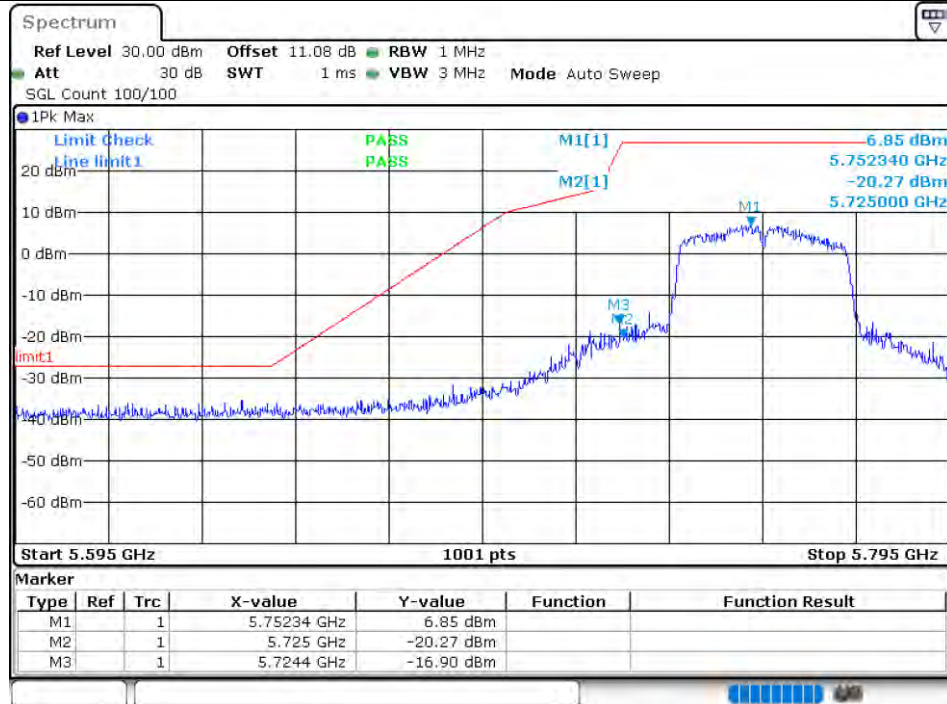
Band Edge NVNT ac20 5745MHz Low Ant1



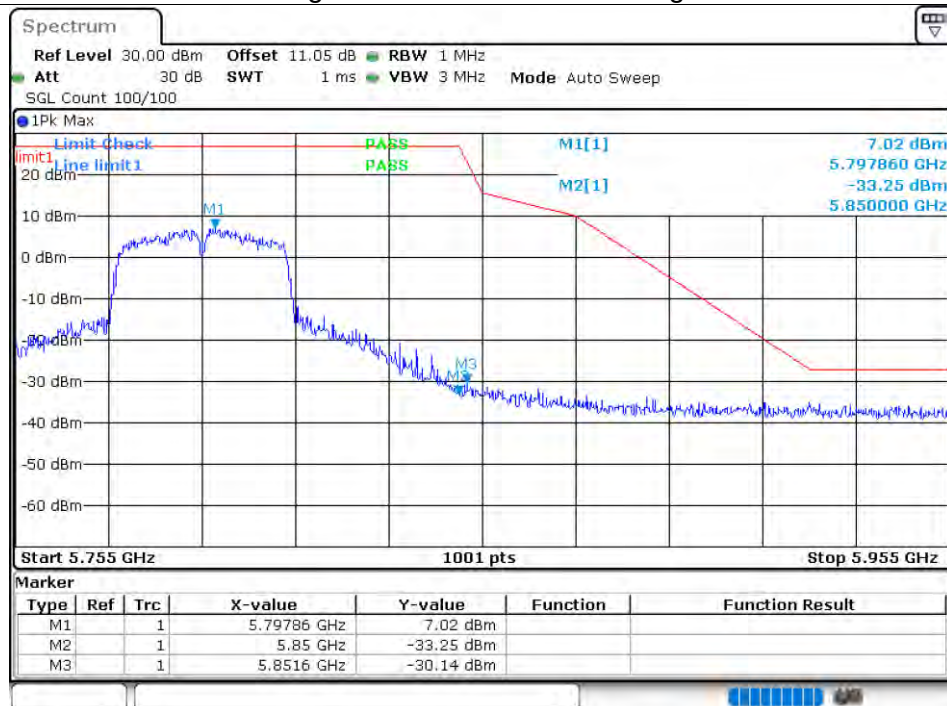
Band Edge NVNT ac20 5825MHz High Ant1

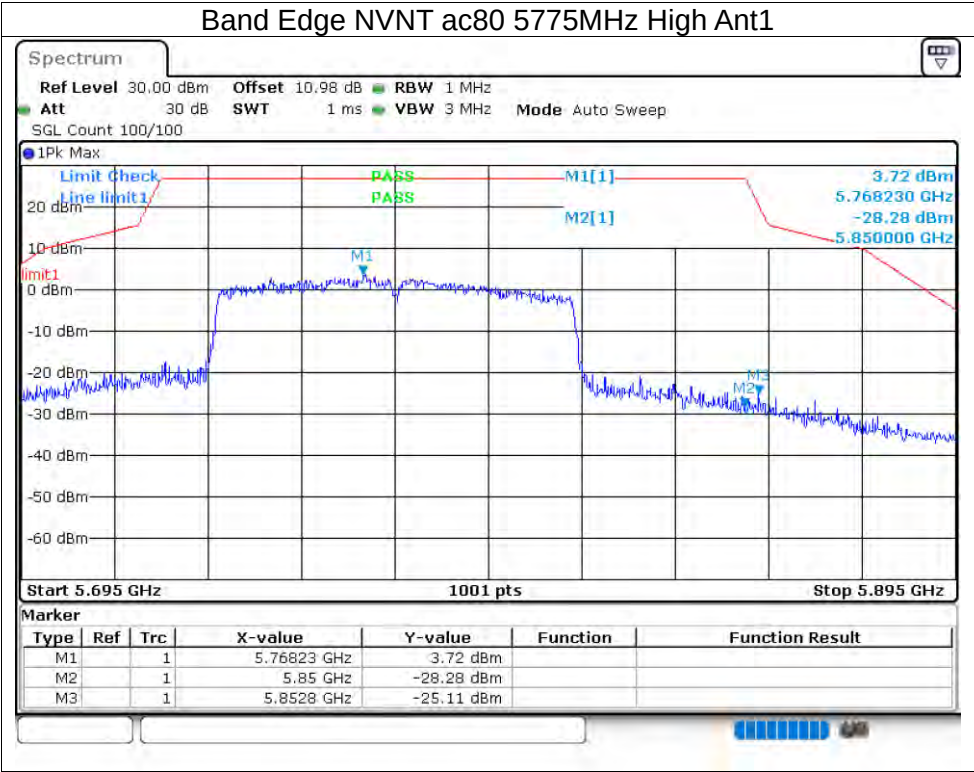


Band Edge NVNT ac40 5755MHz Low Ant1



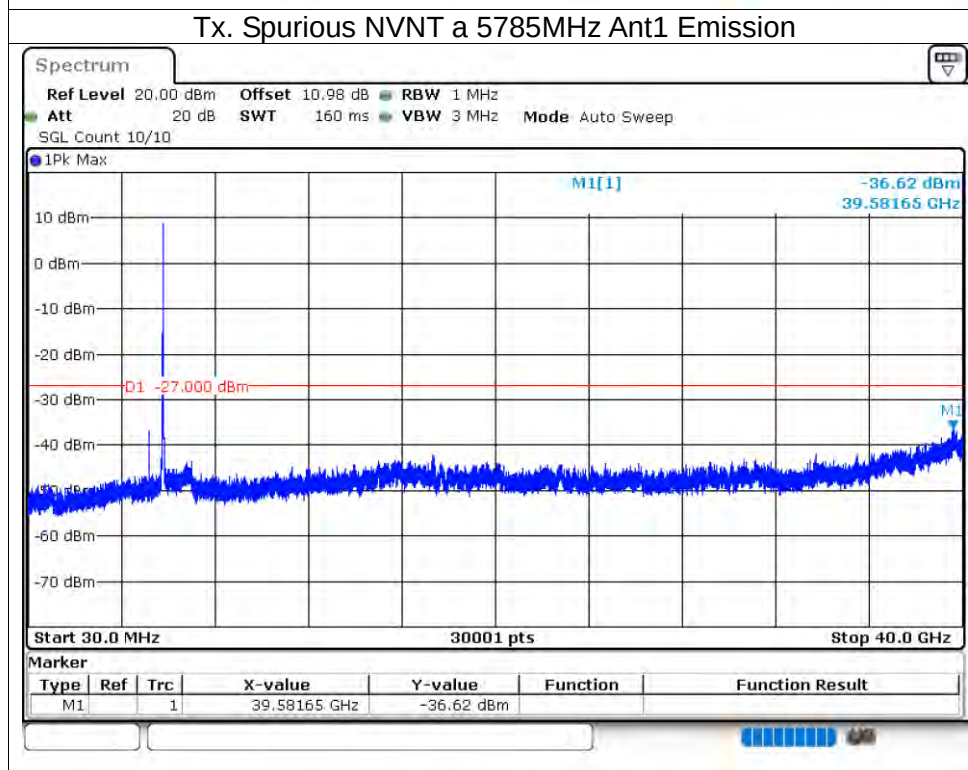
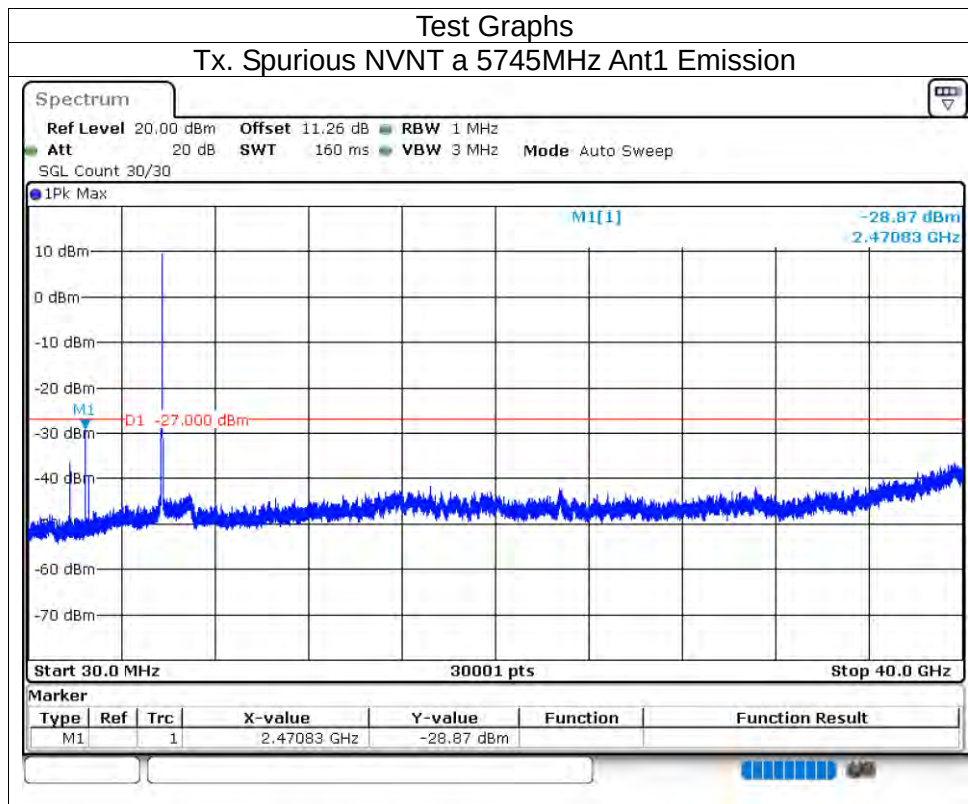
Band Edge NVNT ac40 5795MHz High Ant1



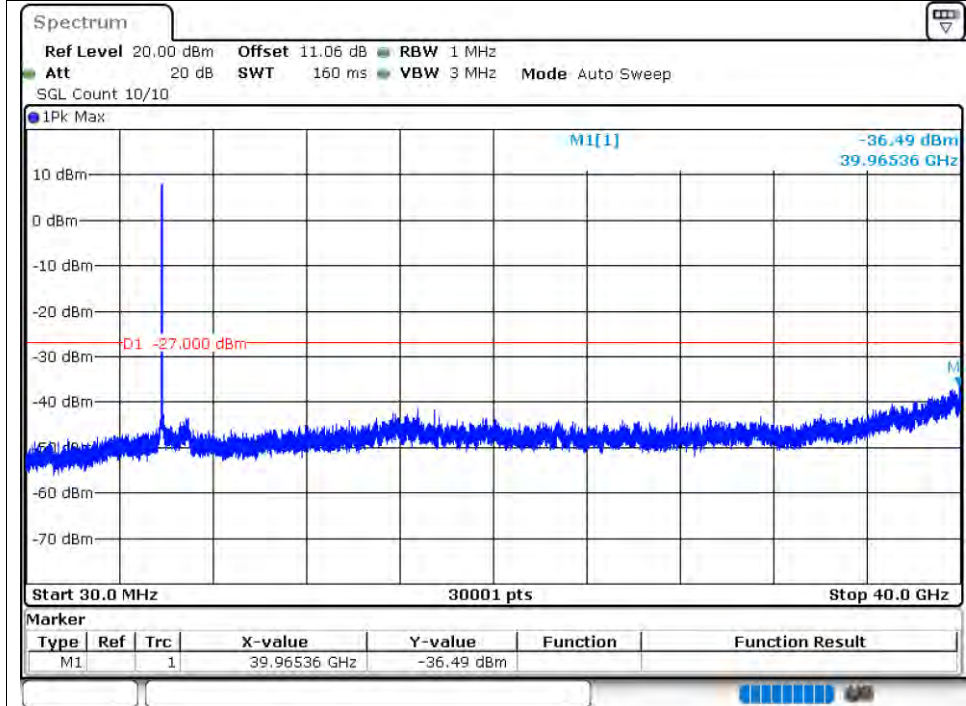


CONDUCTED RF SPURIOUS EMISSION

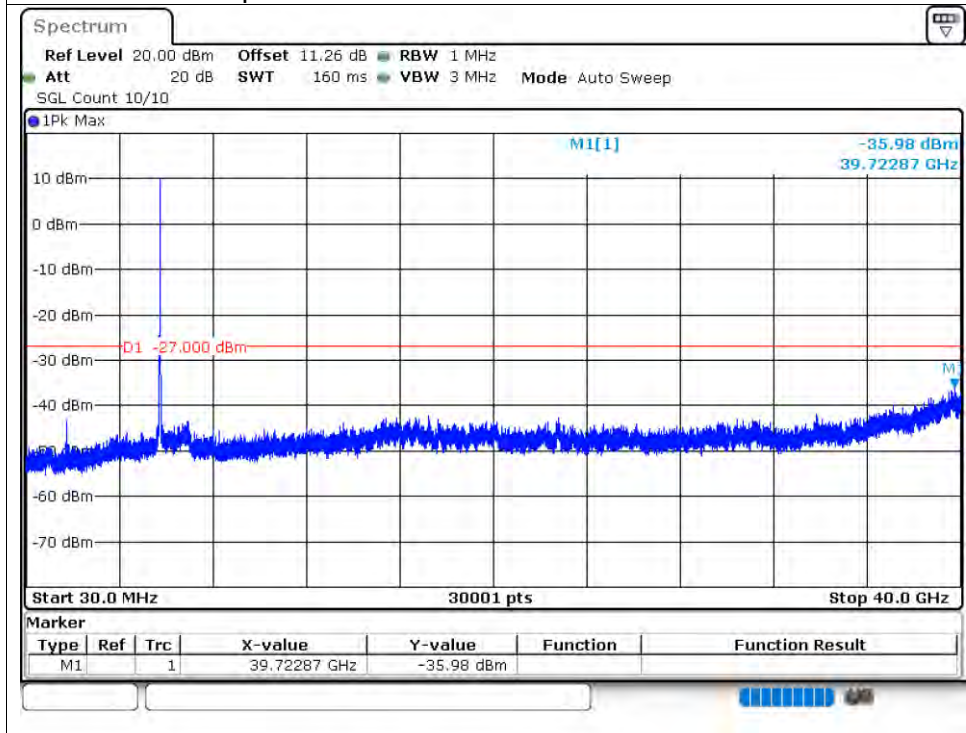
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-28.87	-27	Pass
NVNT	a	5785	Ant1	-36.62	-27	Pass
NVNT	a	5825	Ant1	-36.49	-27	Pass
NVNT	n20	5745	Ant1	-35.97	-27	Pass
NVNT	n20	5785	Ant1	-36.6	-27	Pass
NVNT	n20	5825	Ant1	-28.88	-27	Pass
NVNT	n40	5755	Ant1	-36.13	-27	Pass
NVNT	n40	5795	Ant1	-35.6	-27	Pass
NVNT	ac20	5745	Ant1	-36.35	-27	Pass
NVNT	ac20	5785	Ant1	-36.61	-27	Pass
NVNT	ac20	5825	Ant1	-31.63	-27	Pass
NVNT	ac40	5755	Ant1	-37.02	-27	Pass
NVNT	ac40	5795	Ant1	-36.87	-27	Pass
NVNT	ac80	5775	Ant1	-36.61	-27	Pass

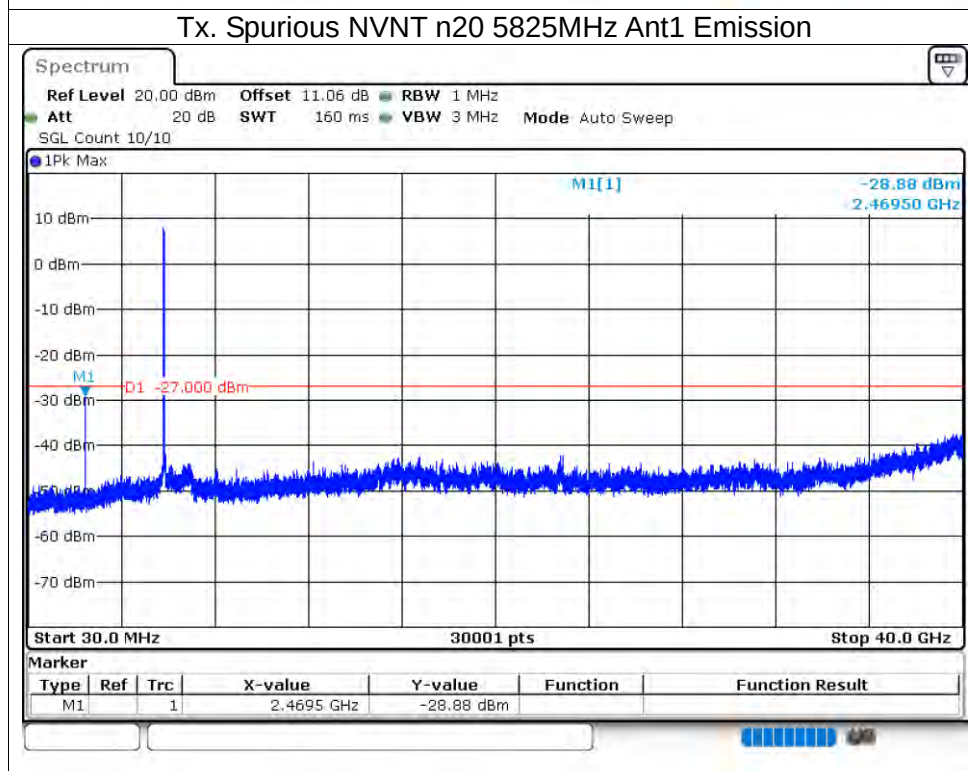
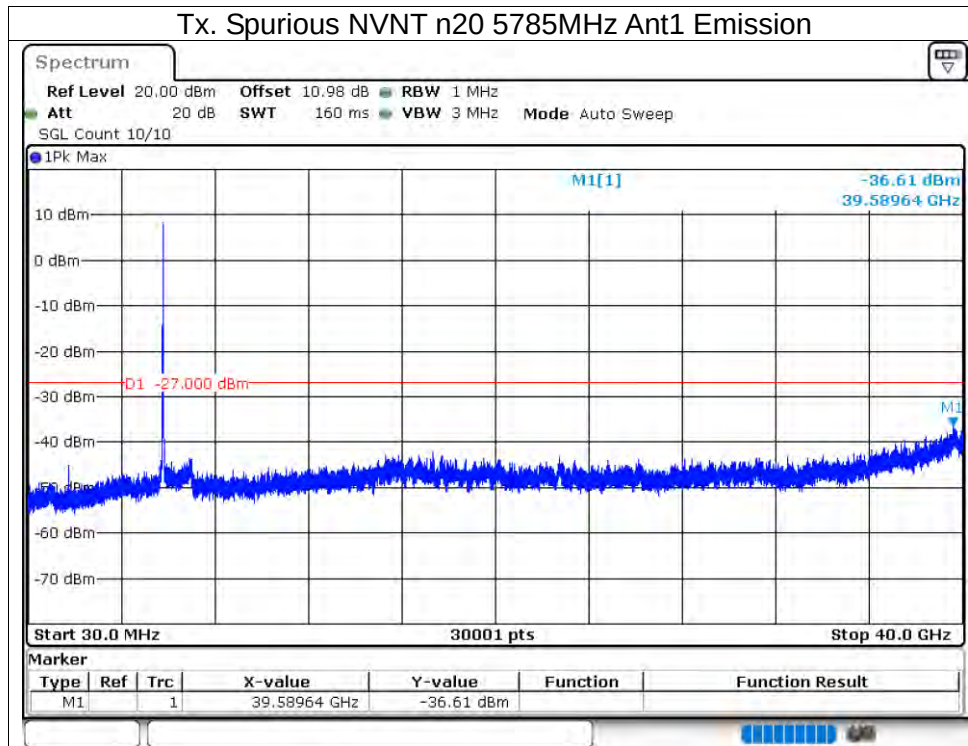


Tx. Spurious NVNT a 5825MHz Ant1 Emission

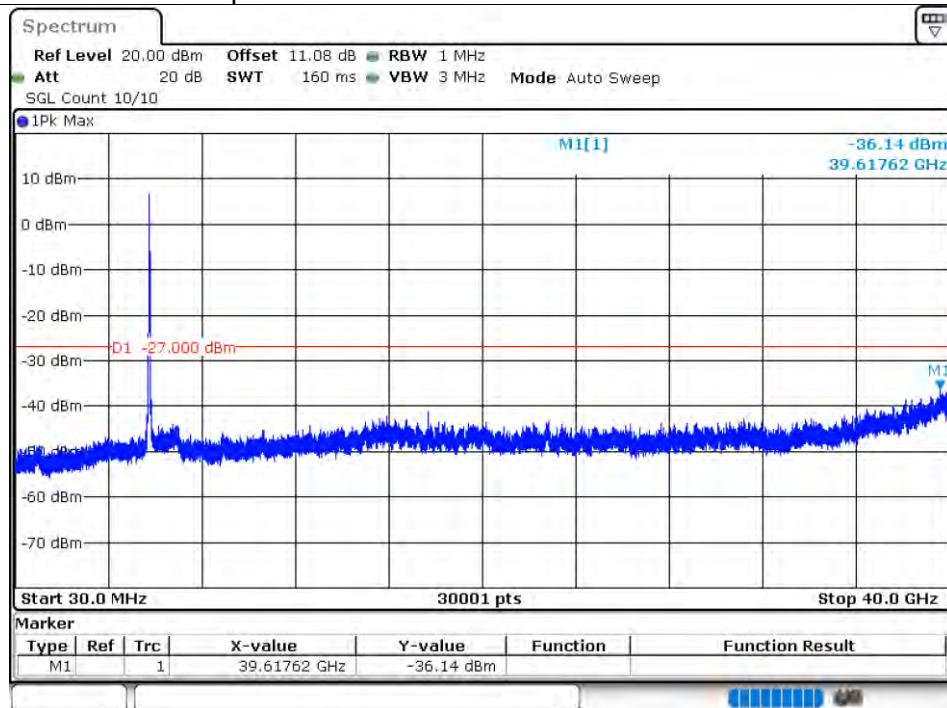


Tx. Spurious NVNT n20 5745MHz Ant1 Emission

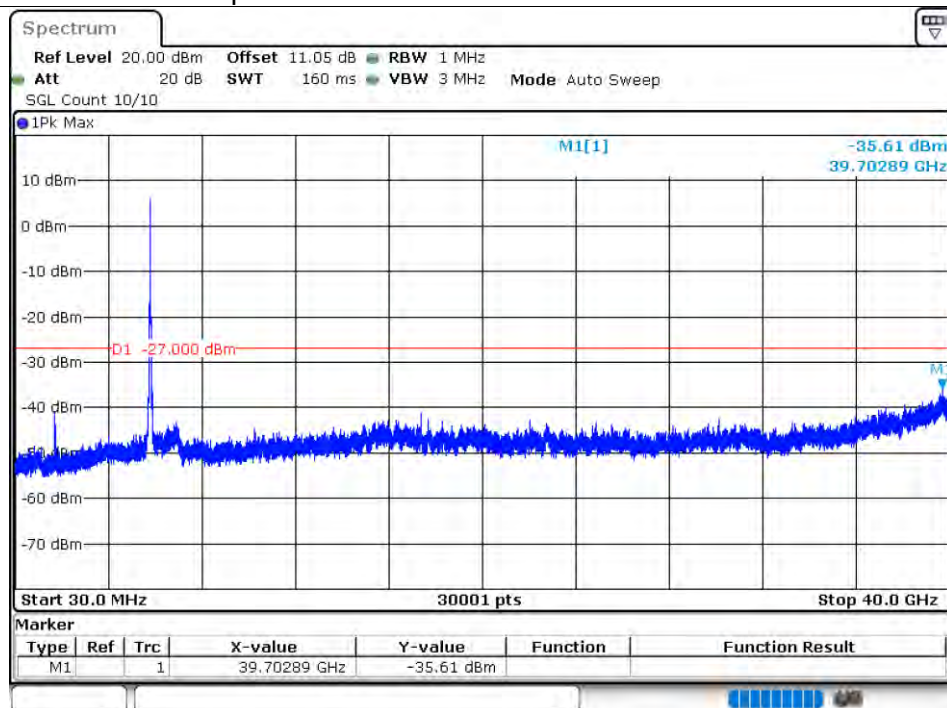


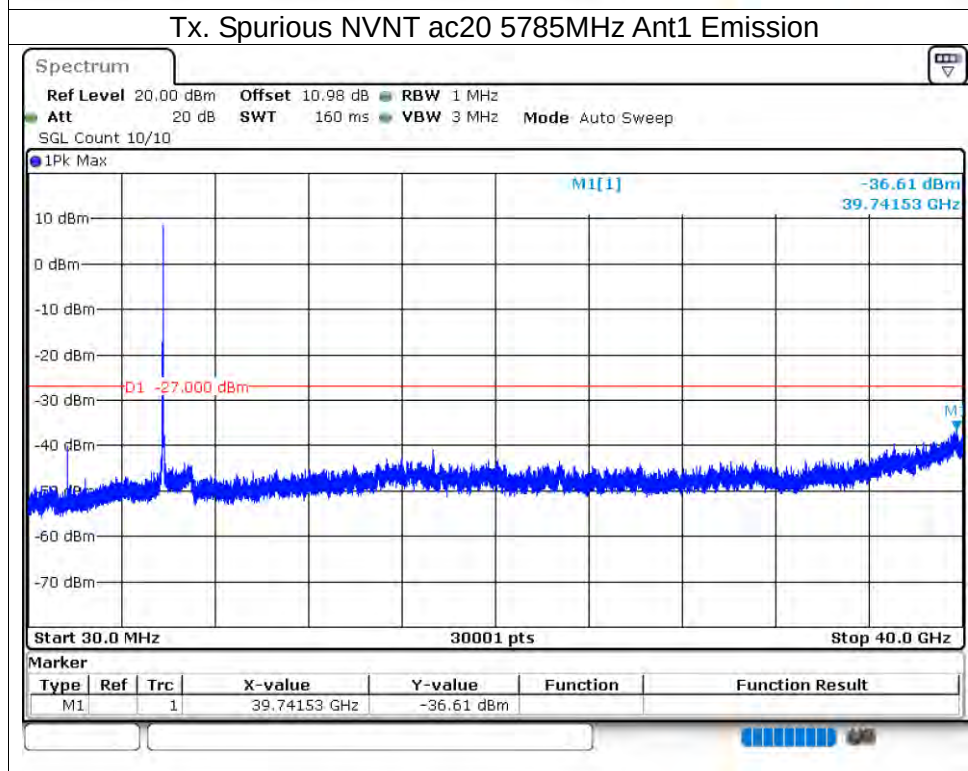
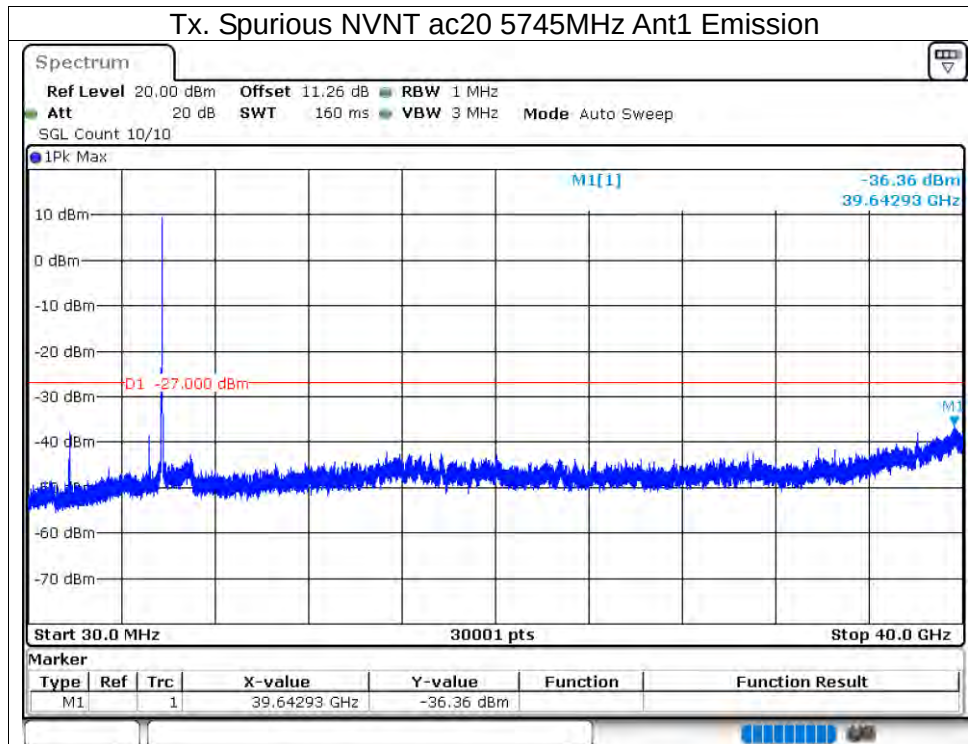


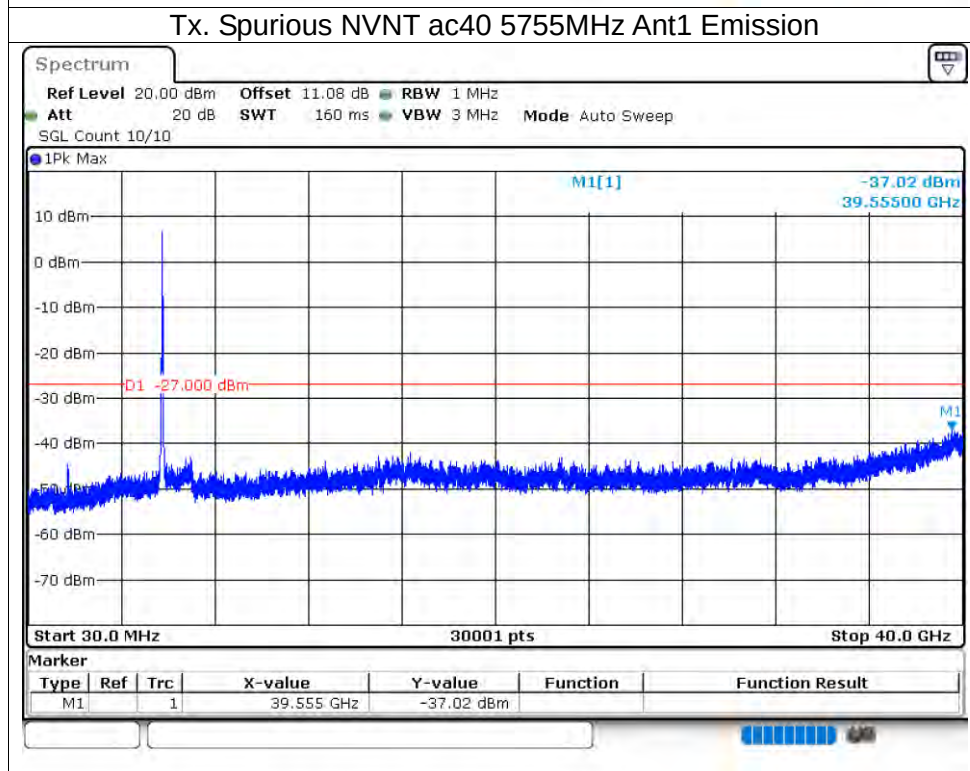
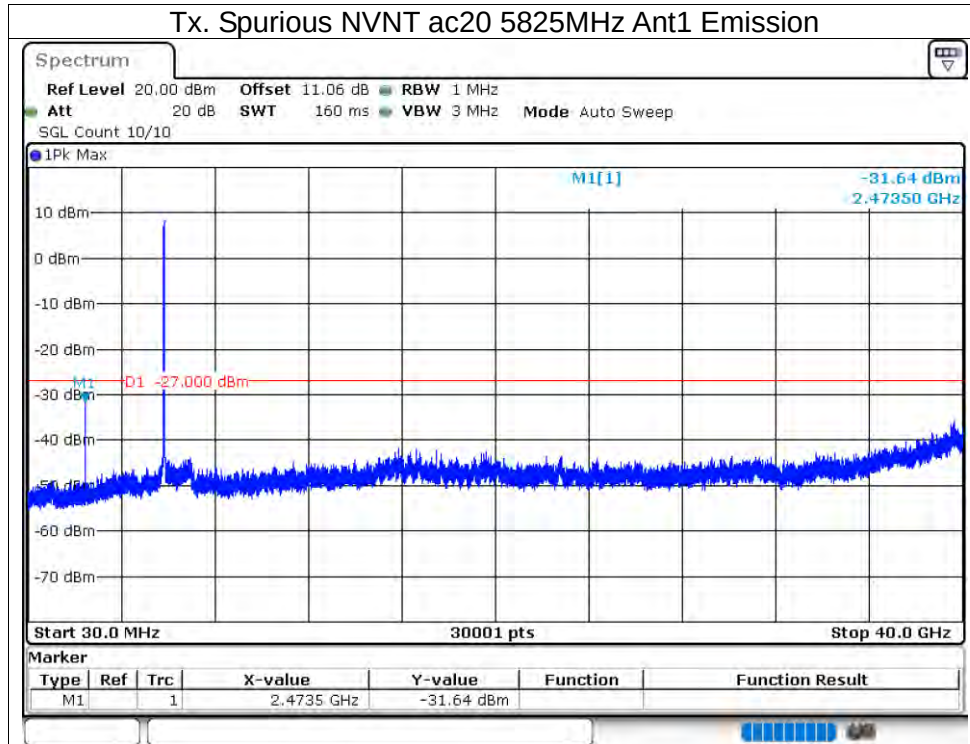
Tx. Spurious NVNT n40 5755MHz Ant1 Emission

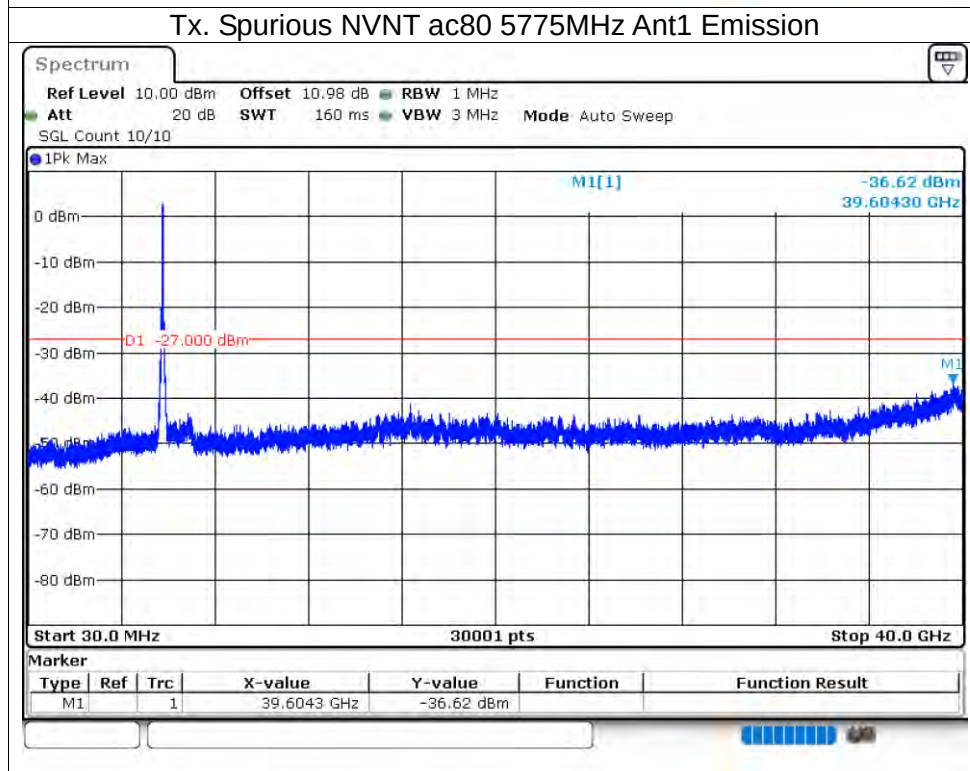
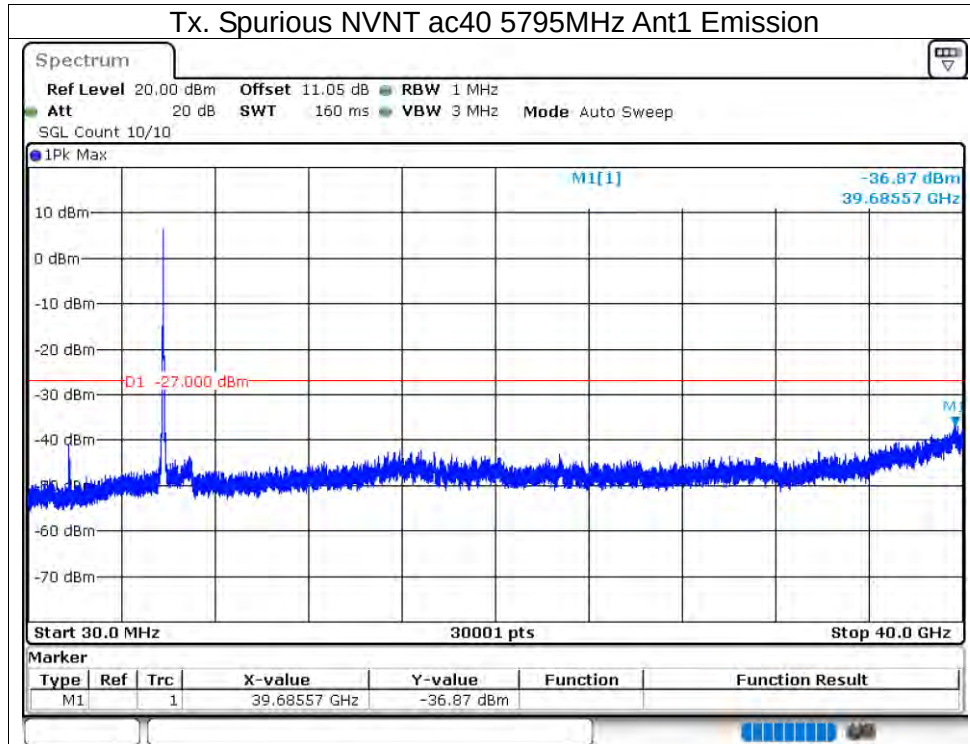


Tx. Spurious NVNT n40 5795MHz Ant1 Emission









END OF REPORT