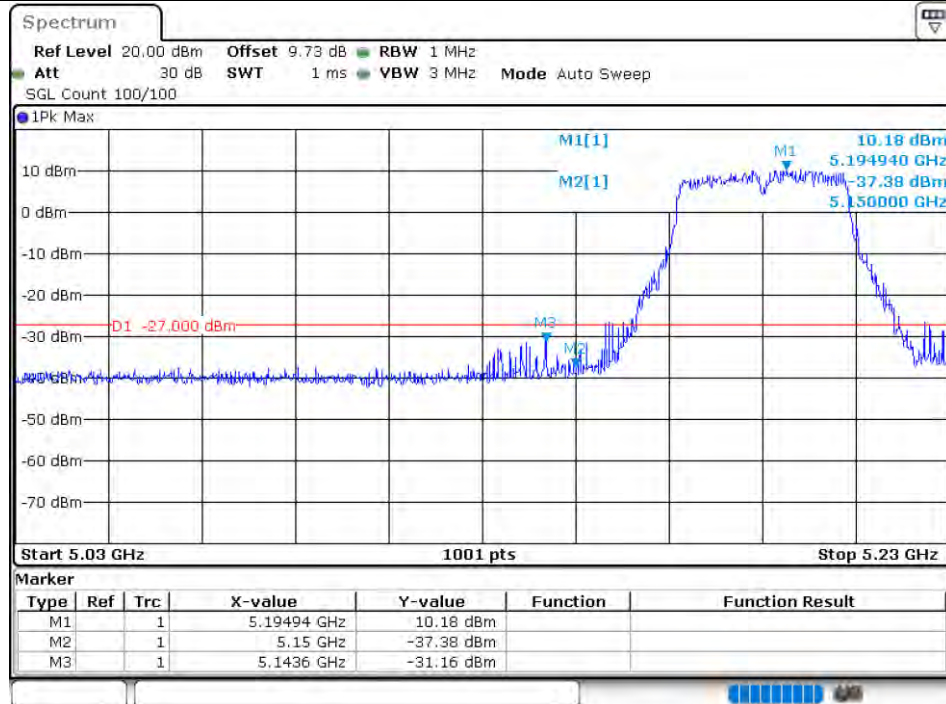
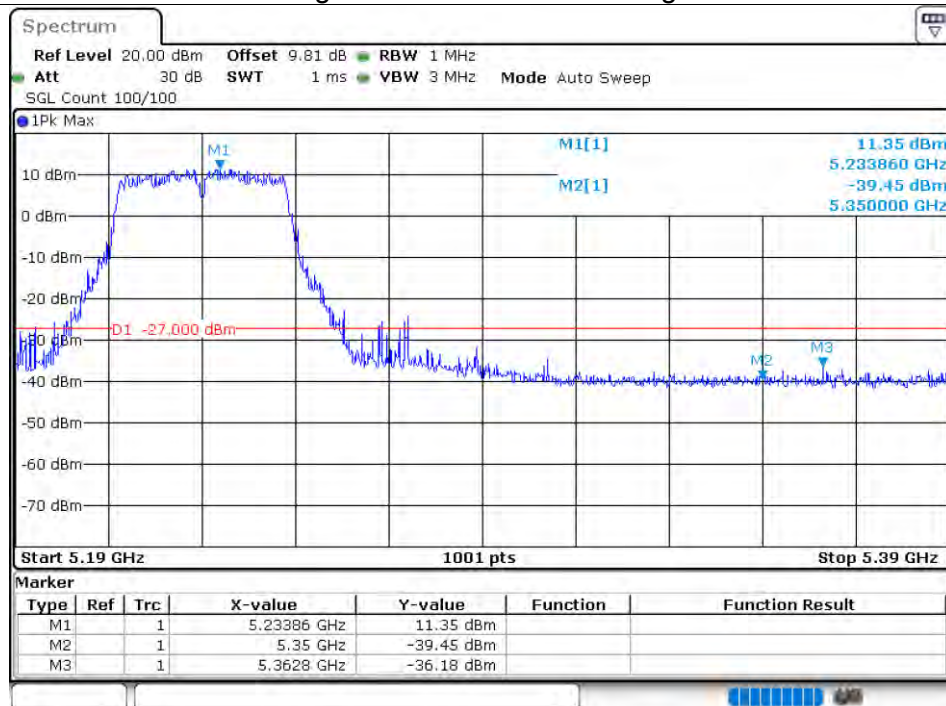


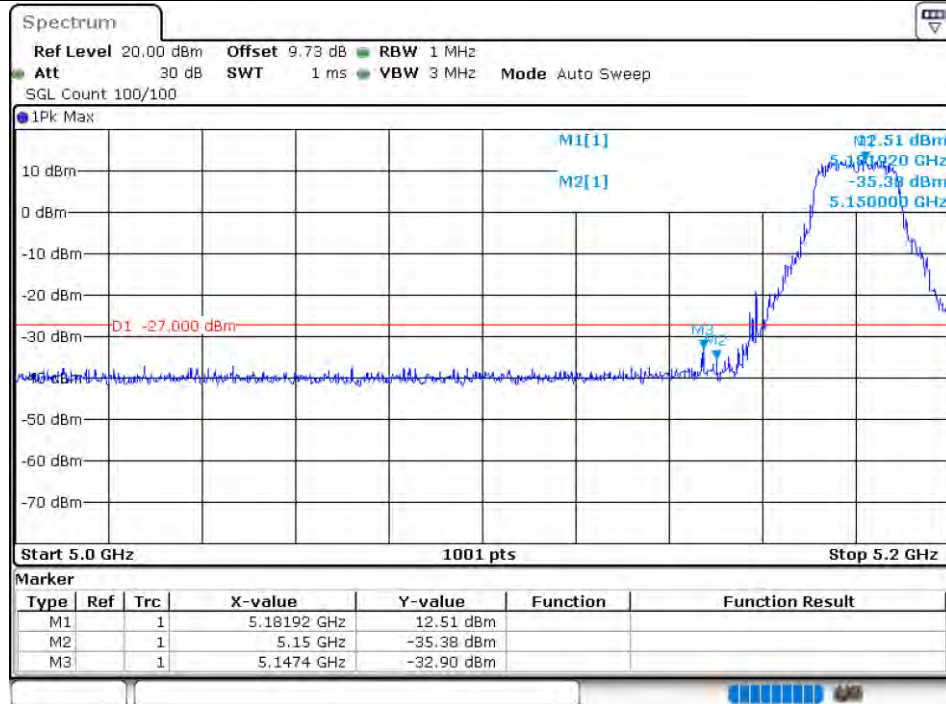
Band Edge NVNT n40 5190MHz Low Ant1



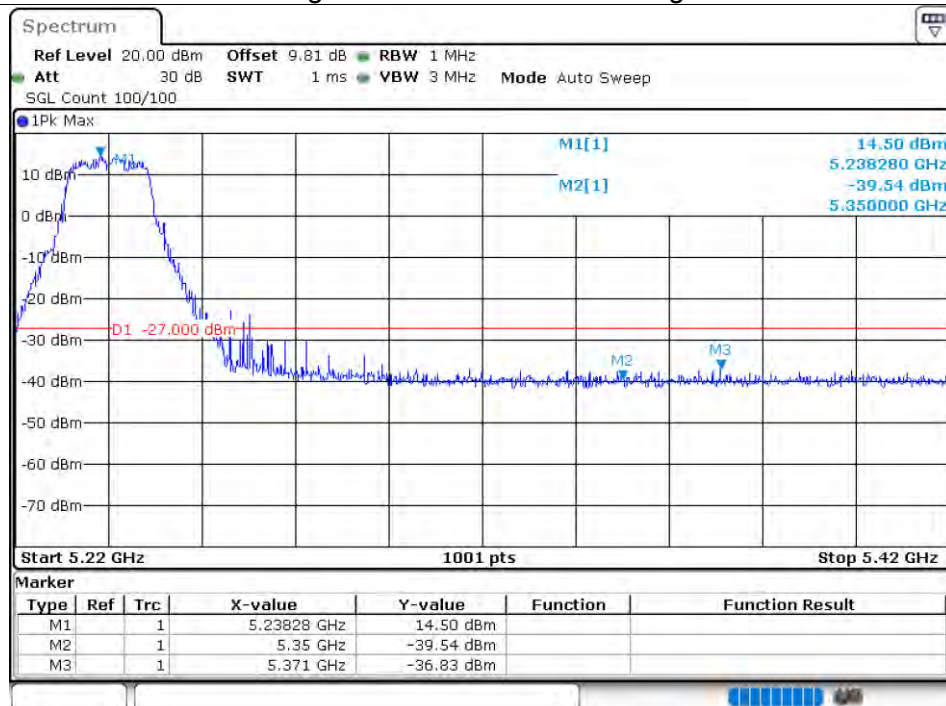
Band Edge NVNT n40 5230MHz High Ant1



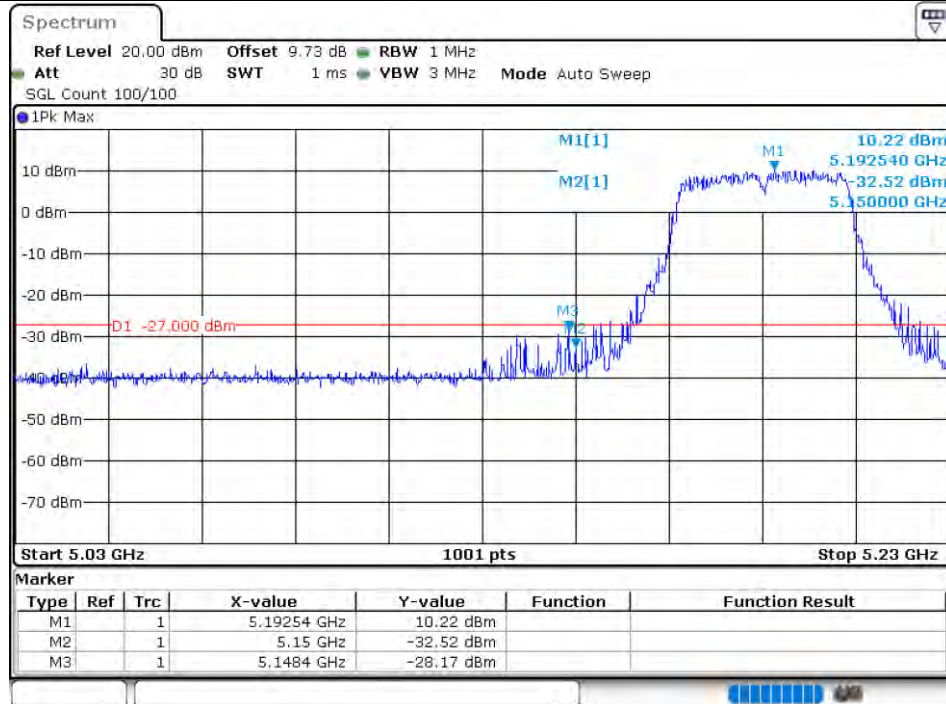
Band Edge NVNT ac20 5180MHz Low Ant1



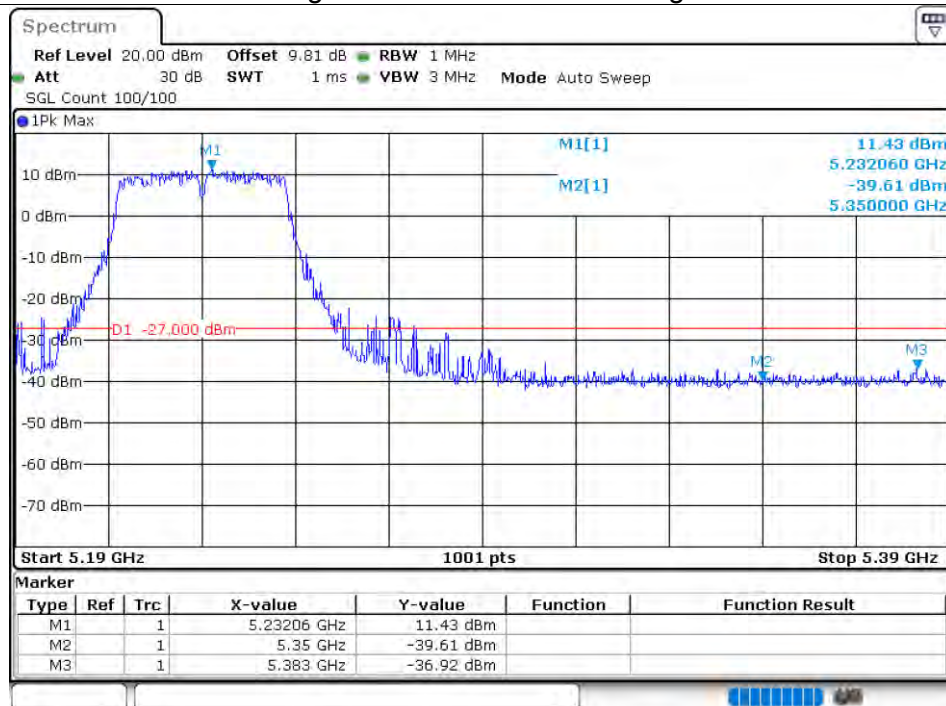
Band Edge NVNT ac20 5240MHz High Ant1



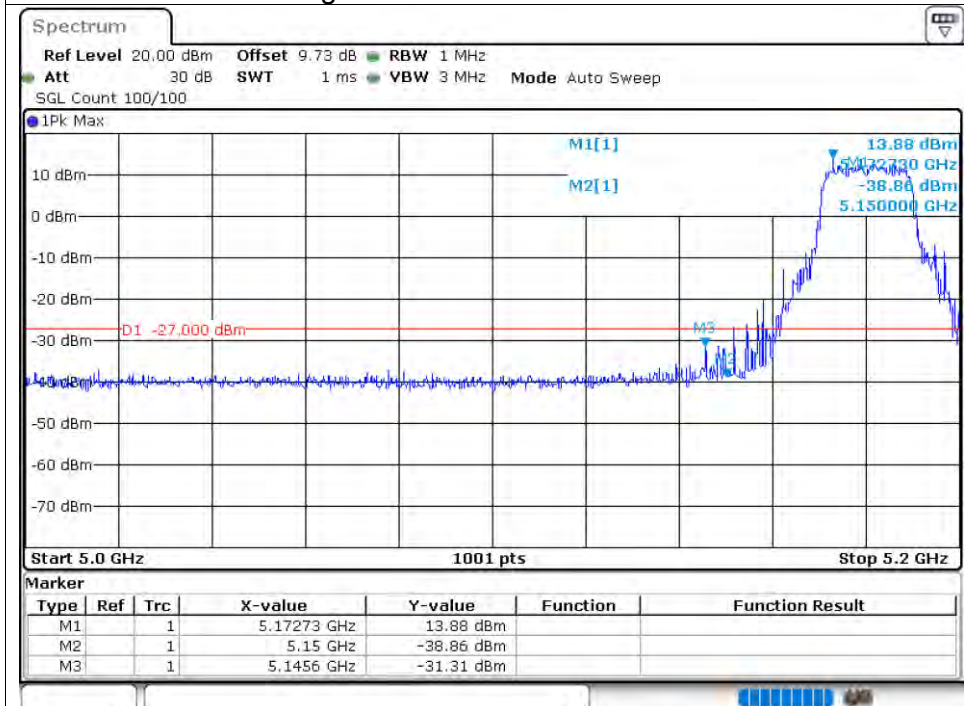
Band Edge NVNT ac40 5190MHz Low Ant1



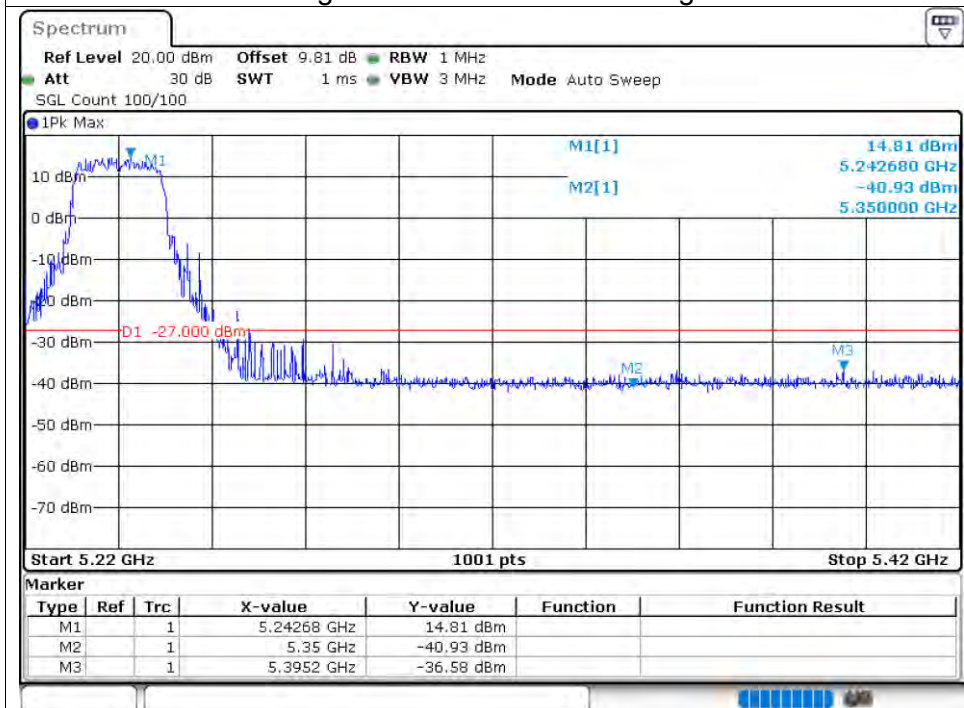
Band Edge NVNT ac40 5230MHz High Ant1



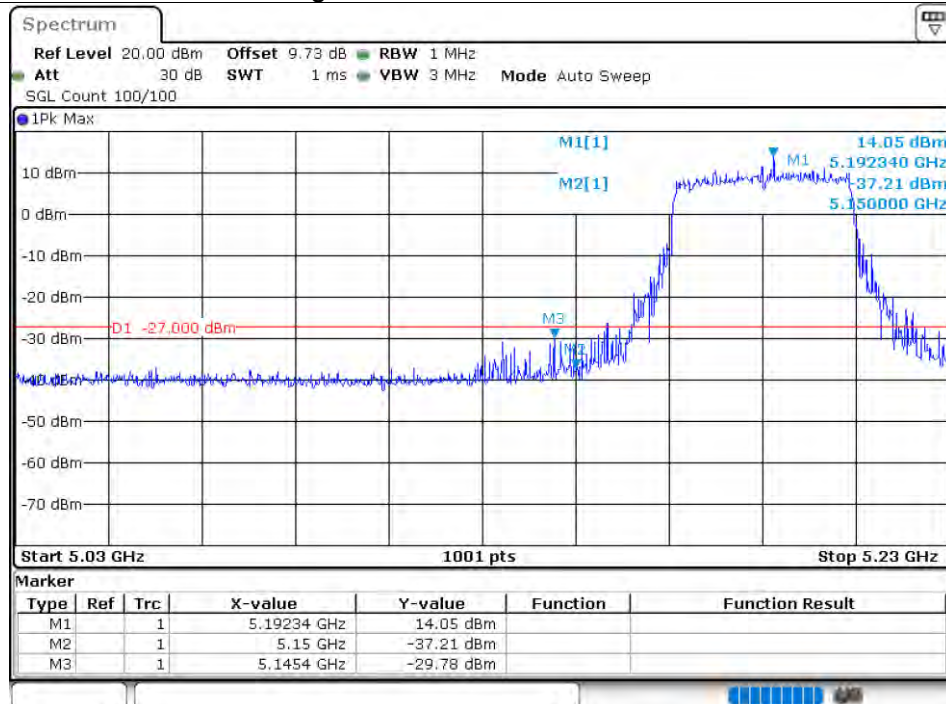
Band Edge NVNT ax20 5180MHz Low Ant1



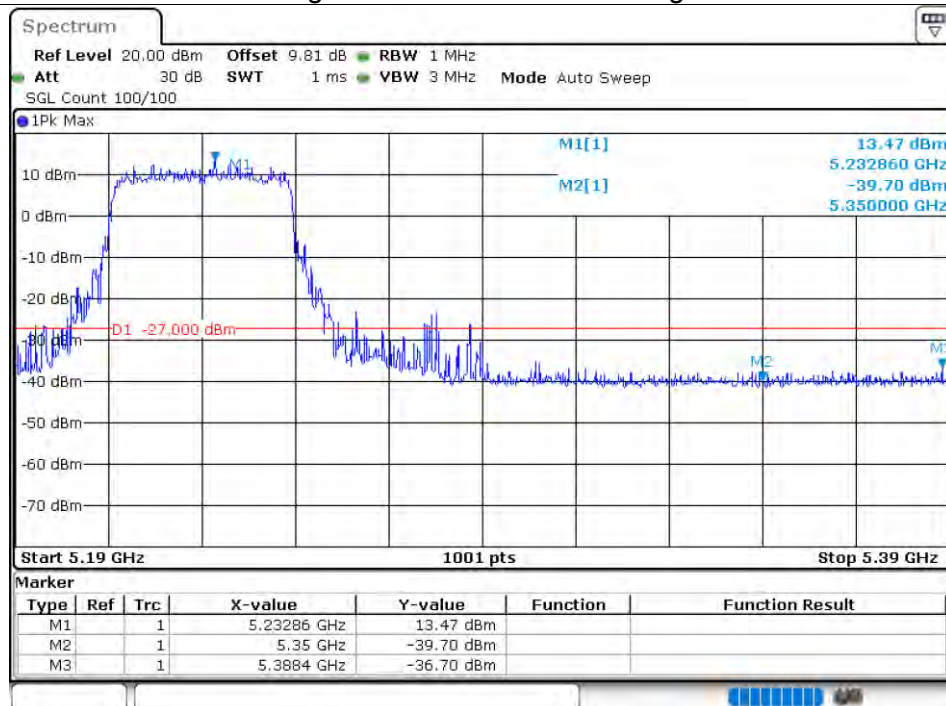
Band Edge NVNT ax20 5240MHz High Ant1



Band Edge NVNT ax40 5190MHz Low Ant1

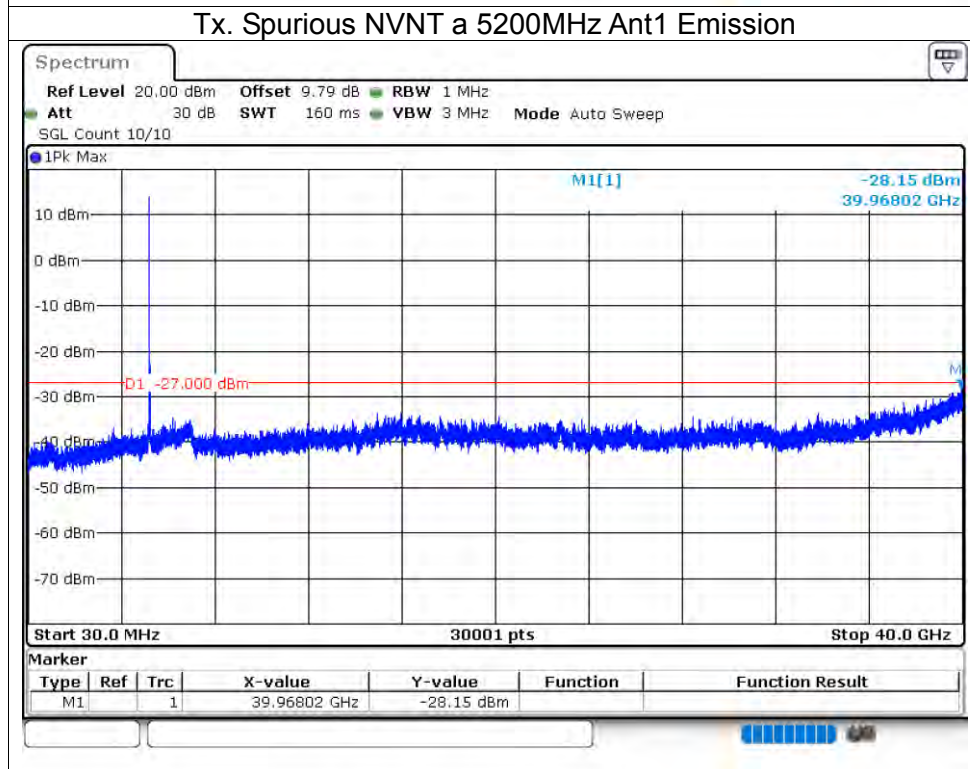
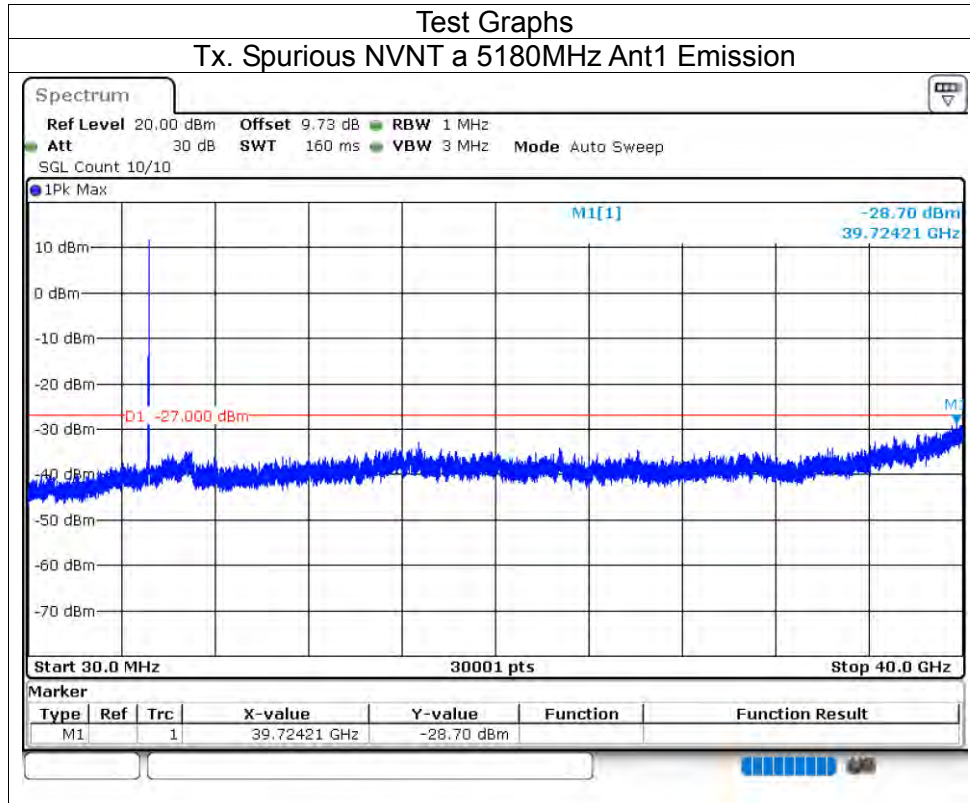


Band Edge NVNT ax40 5230MHz High Ant1

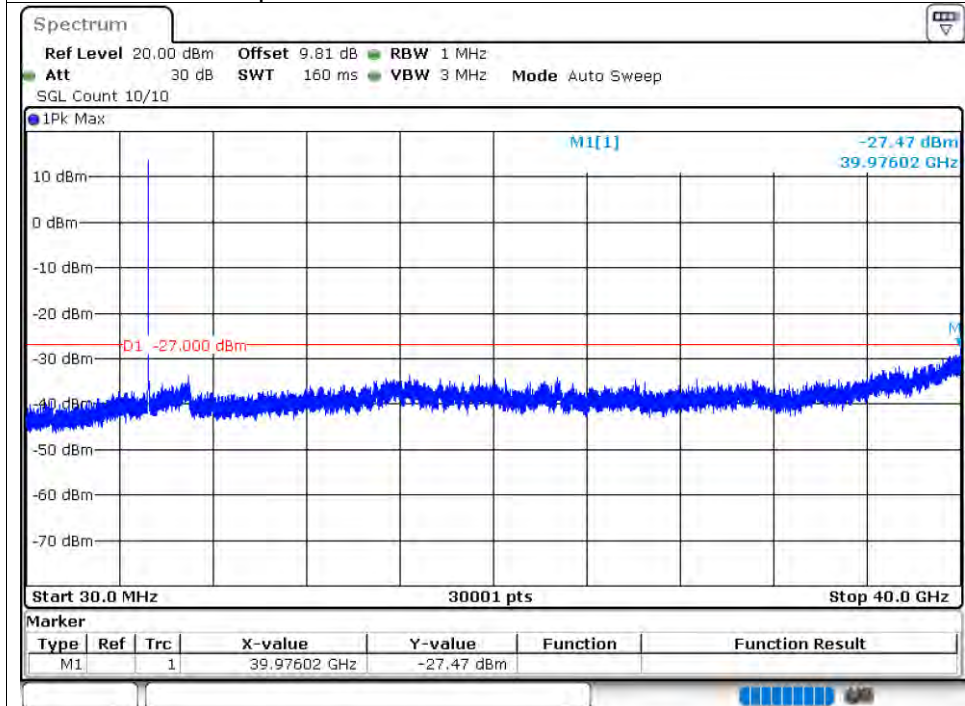


5.7 CONDUCTED RF SPURIOUS EMISSION

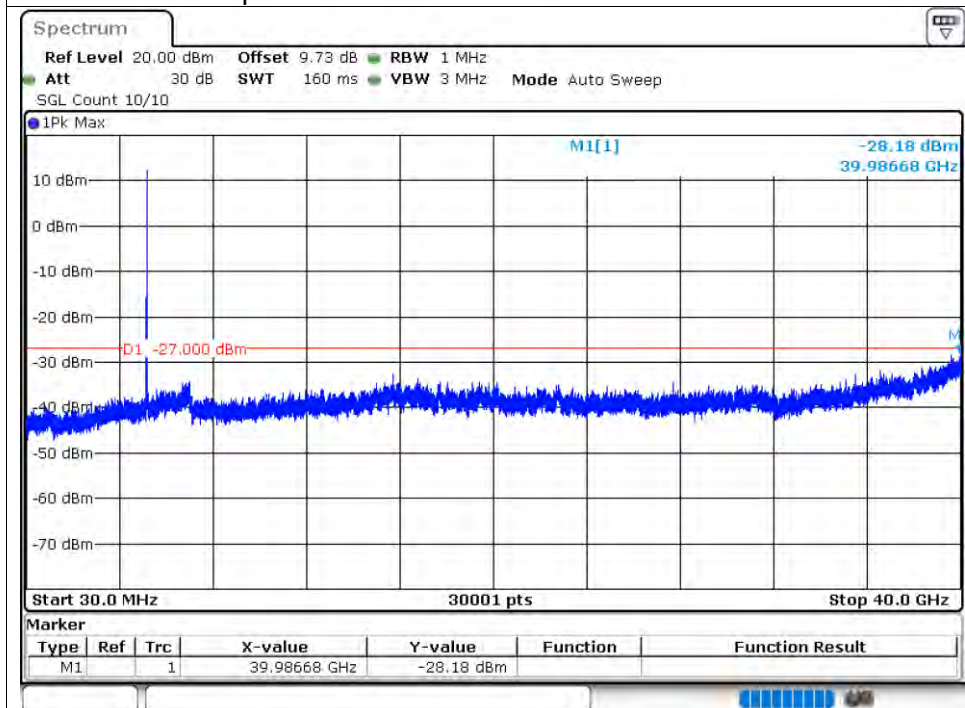
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-28.7	-27	Pass
NVNT	a	5200	Ant1	-28.14	-27	Pass
NVNT	a	5240	Ant1	-27.46	-27	Pass
NVNT	n20	5180	Ant1	-28.17	-27	Pass
NVNT	n20	5200	Ant1	-28.09	-27	Pass
NVNT	n20	5240	Ant1	-28.27	-27	Pass
NVNT	n40	5190	Ant1	-28.58	-27	Pass
NVNT	n40	5230	Ant1	-28.29	-27	Pass
NVNT	ac20	5180	Ant1	-28.36	-27	Pass
NVNT	ac20	5200	Ant1	-28.15	-27	Pass
NVNT	ac20	5240	Ant1	-29.27	-27	Pass
NVNT	ac40	5190	Ant1	-28.26	-27	Pass
NVNT	ac40	5230	Ant1	-28.24	-27	Pass
NVNT	ax20	5180	Ant1	-28.3	-27	Pass
NVNT	ax20	5200	Ant1	-28.5	-27	Pass
NVNT	ax20	5240	Ant1	-28.06	-27	Pass
NVNT	ax40	5190	Ant1	-28.03	-27	Pass
NVNT	ax40	5230	Ant1	-28.04	-27	Pass

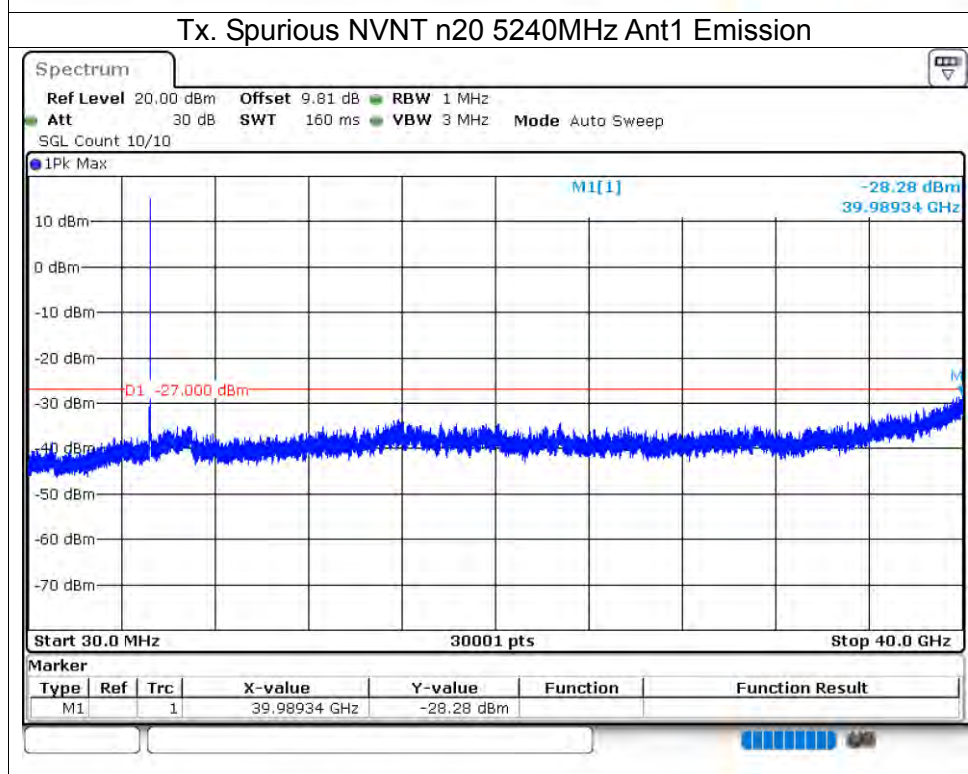
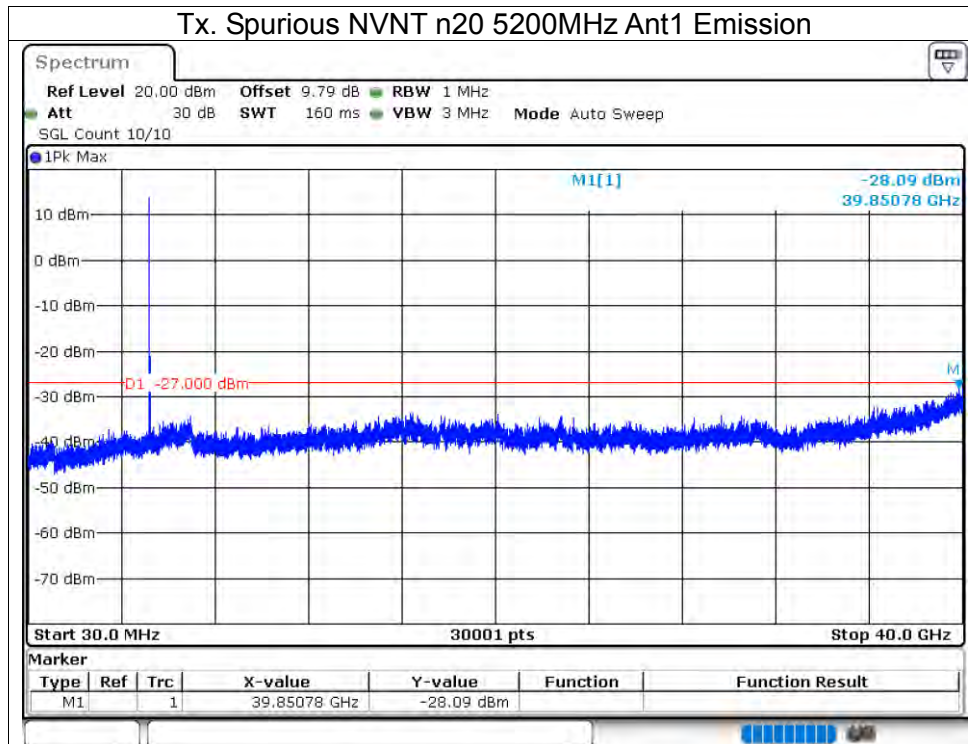


Tx. Spurious NVNT a 5240MHz Ant1 Emission

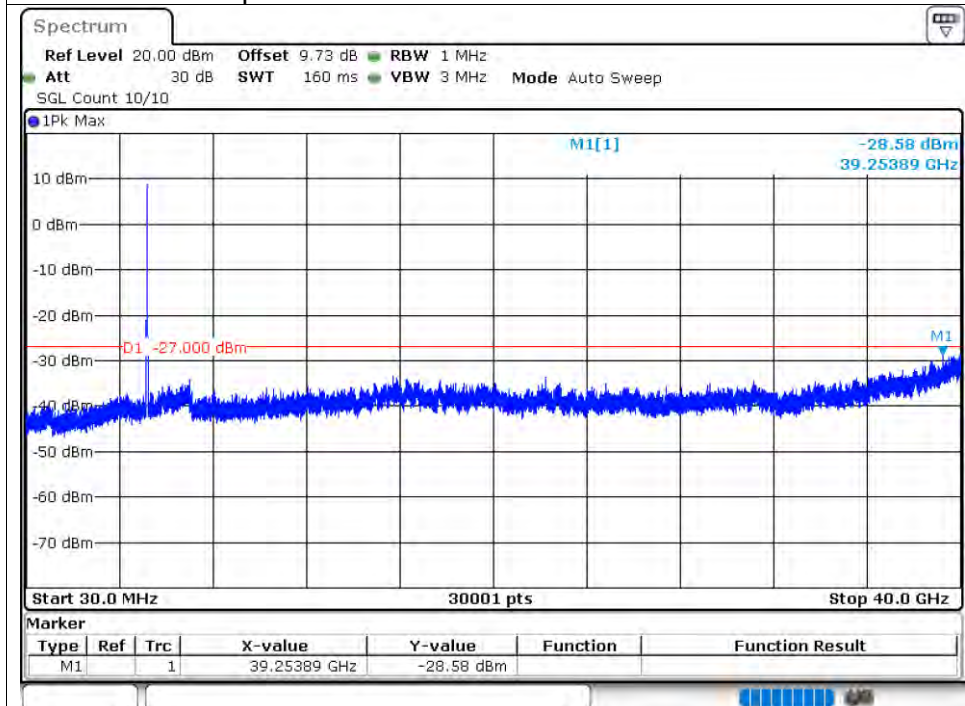


Tx. Spurious NVNT n20 5180MHz Ant1 Emission

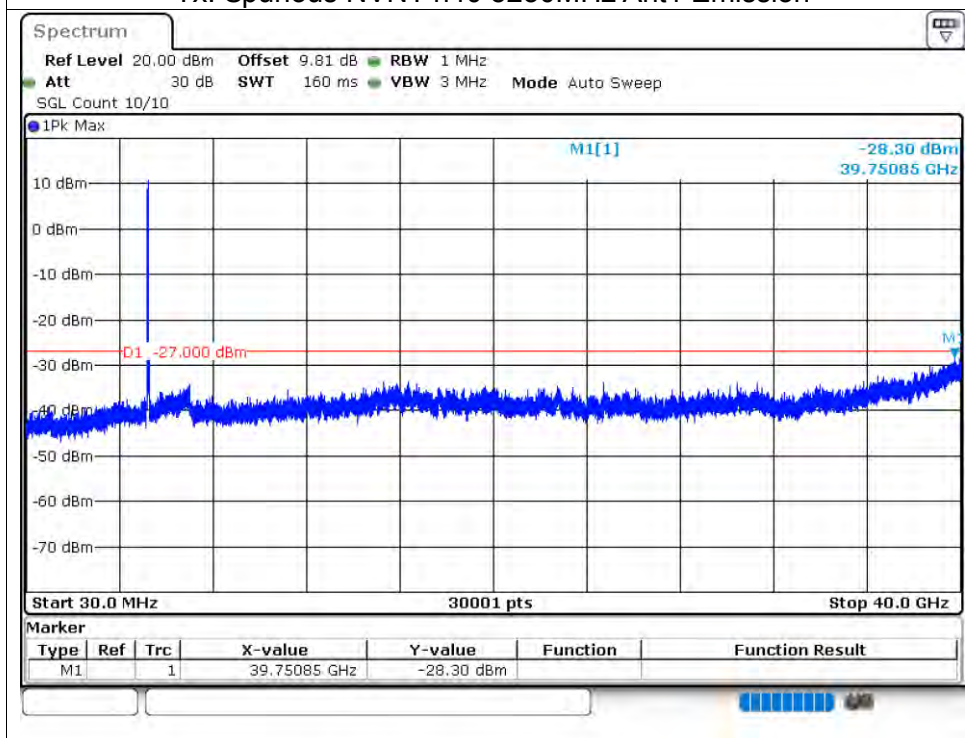




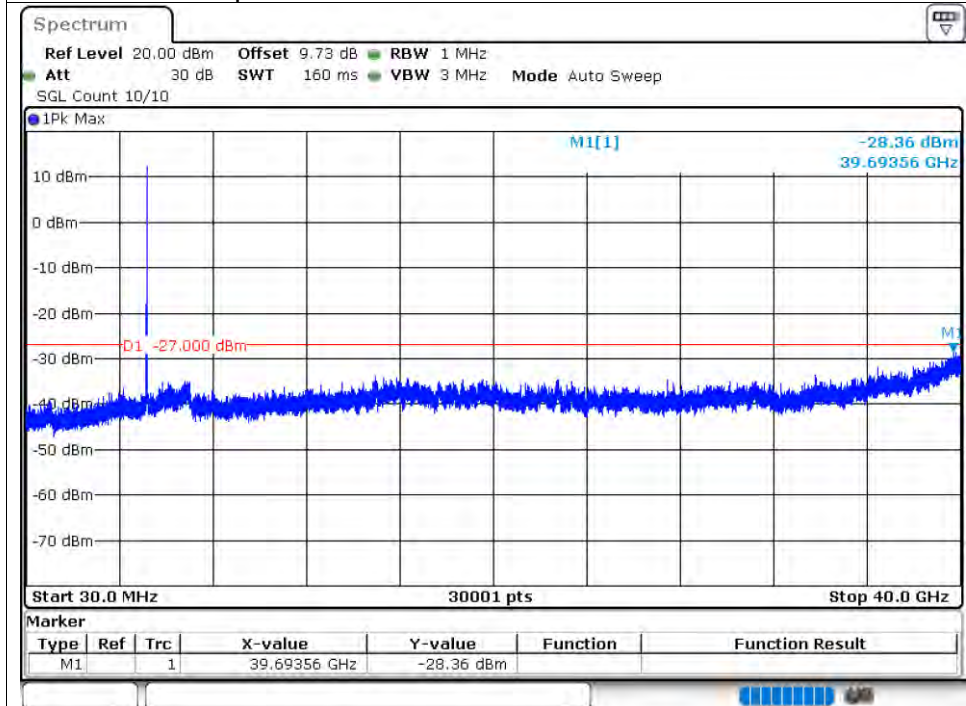
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



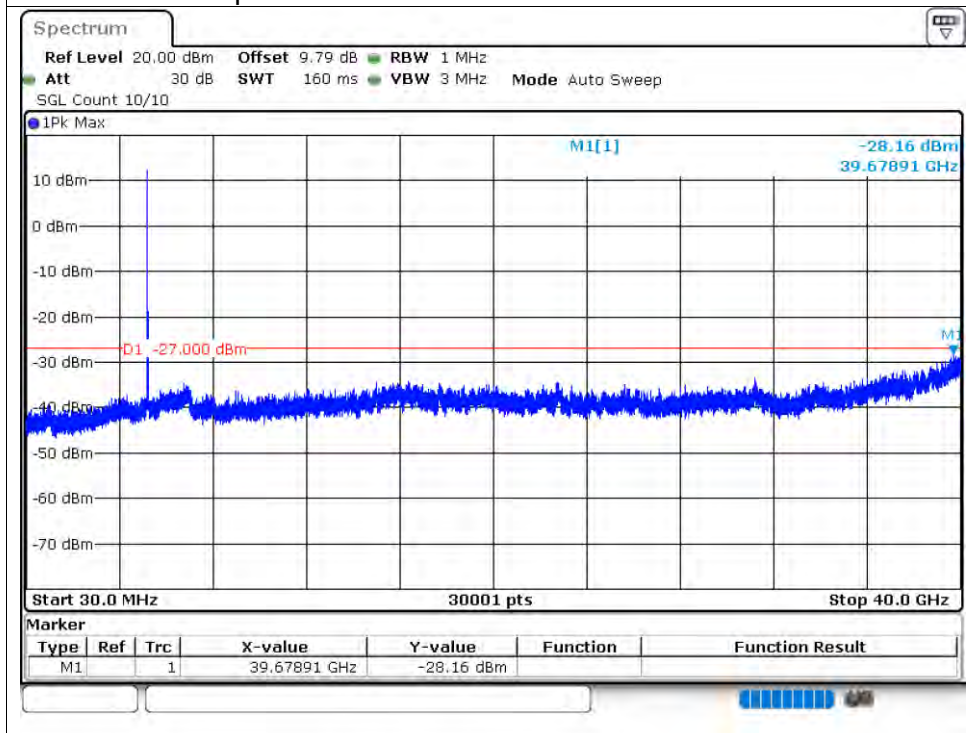
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



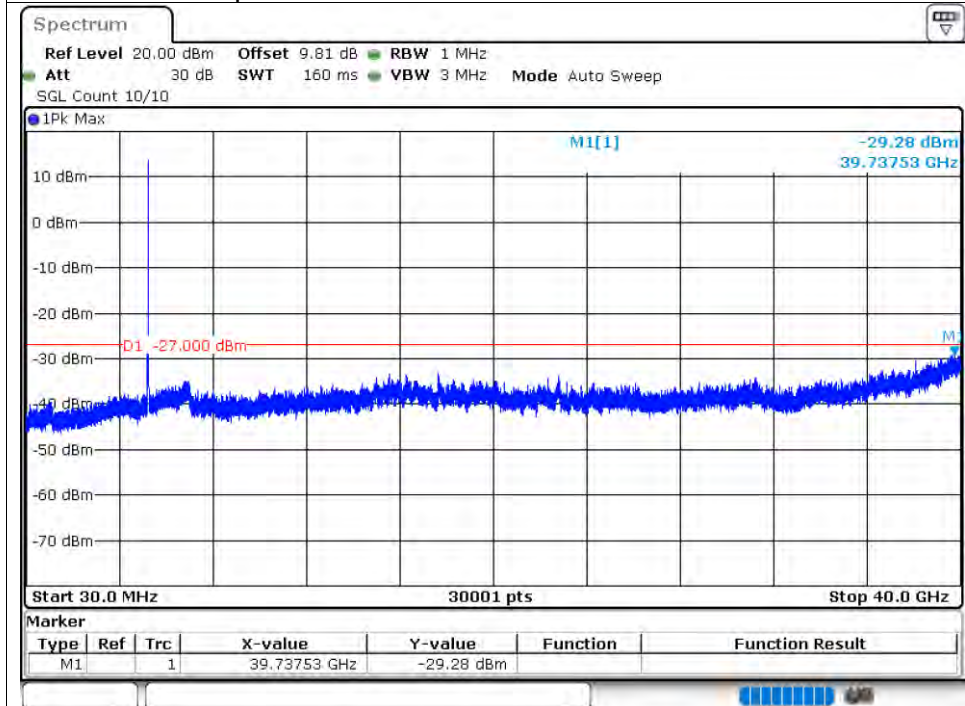
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



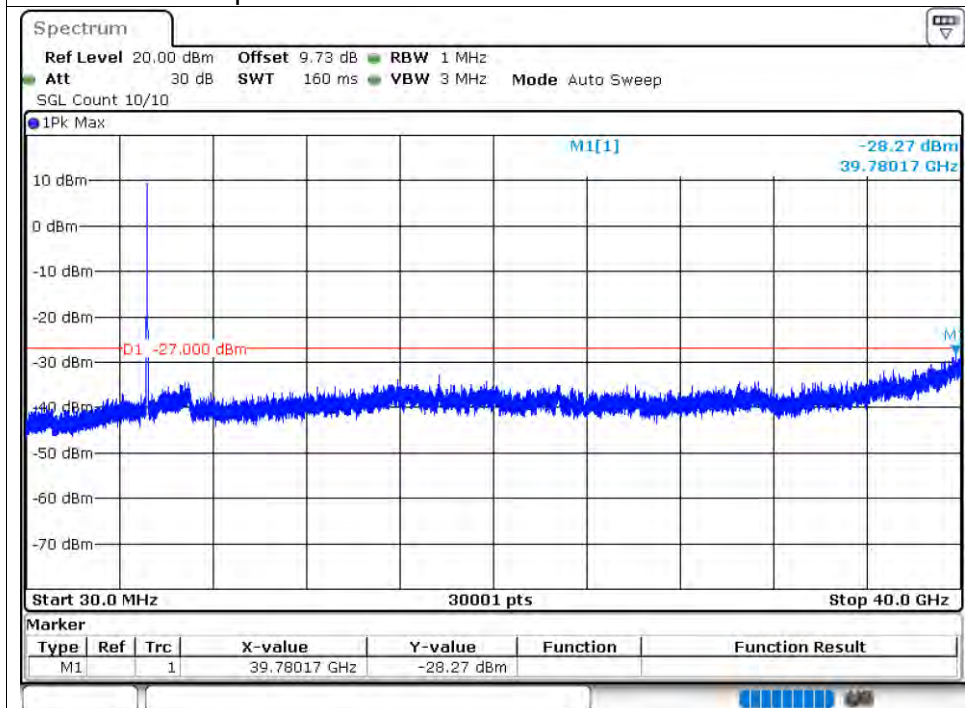
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission

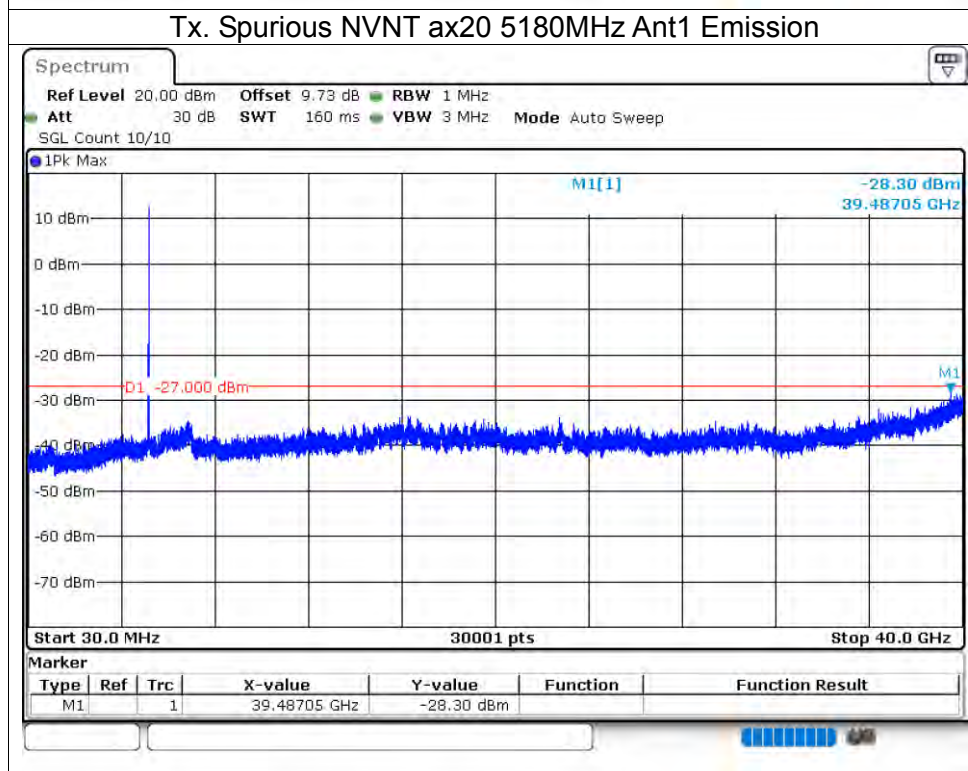
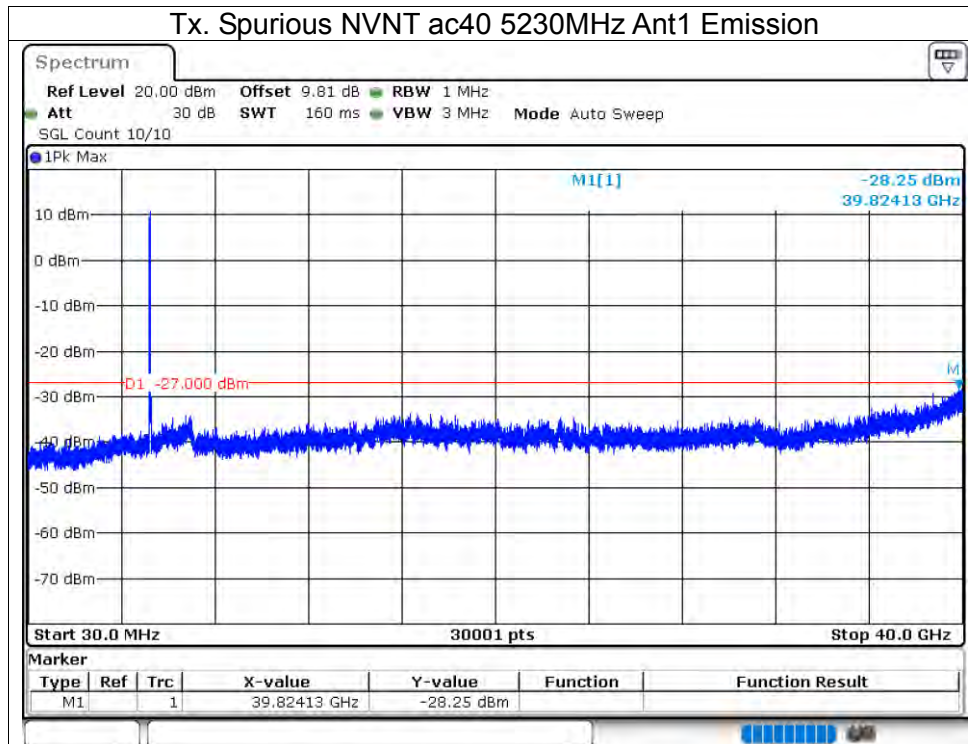


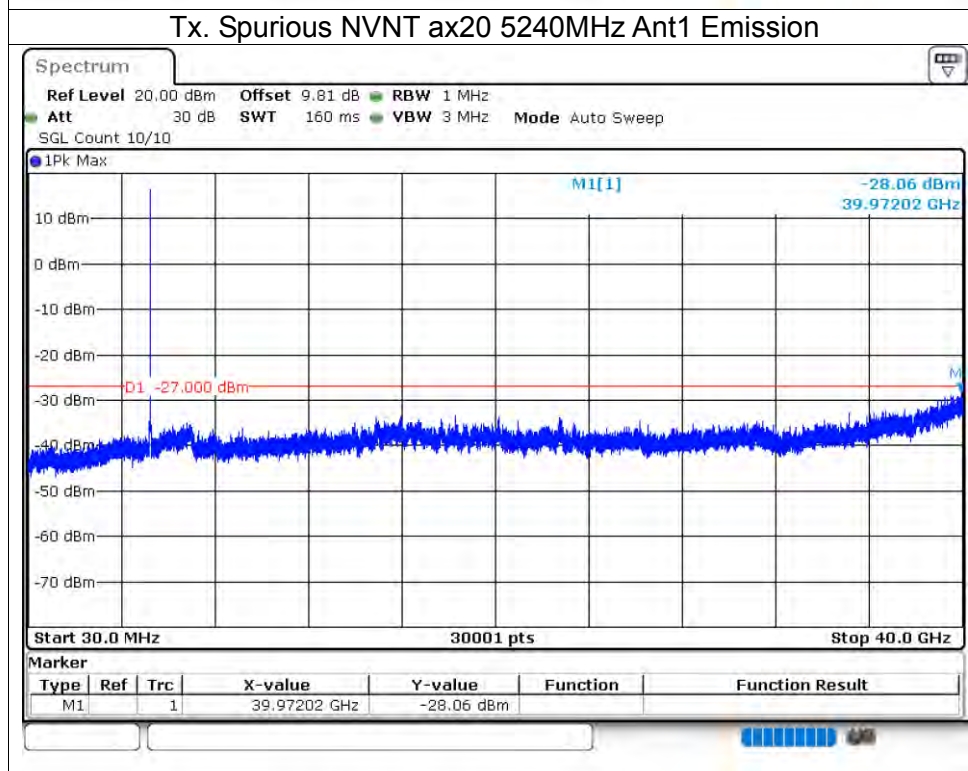
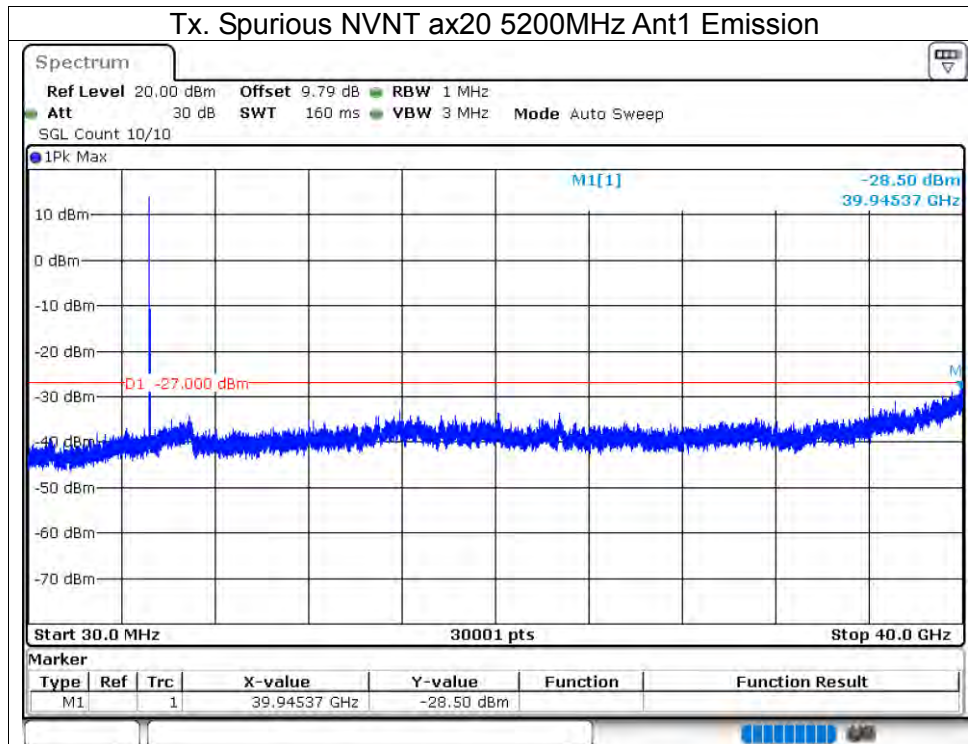
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



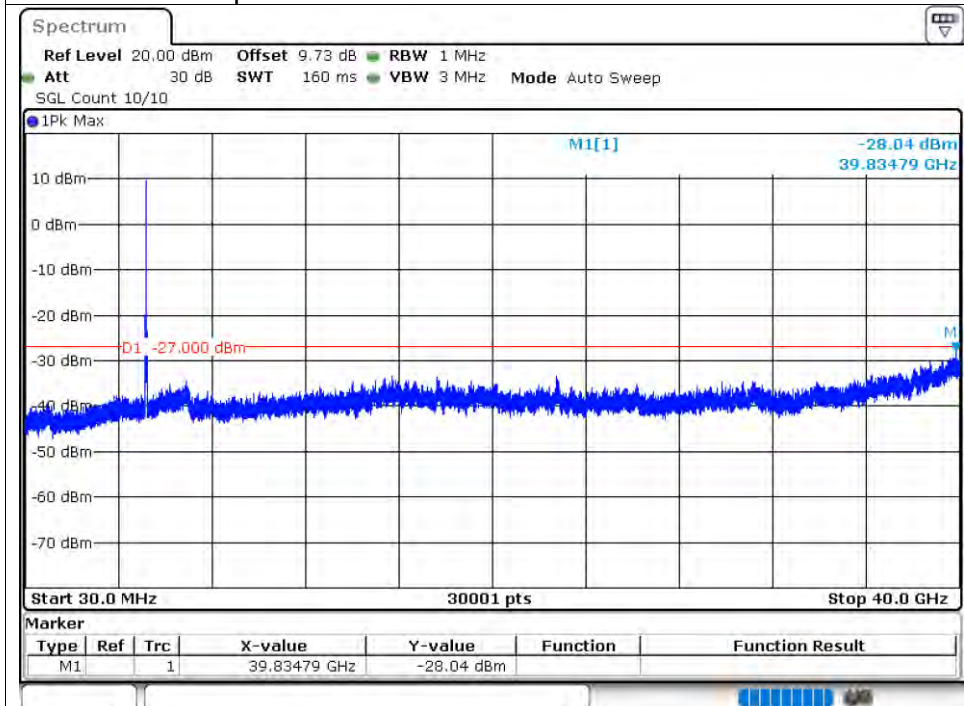
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



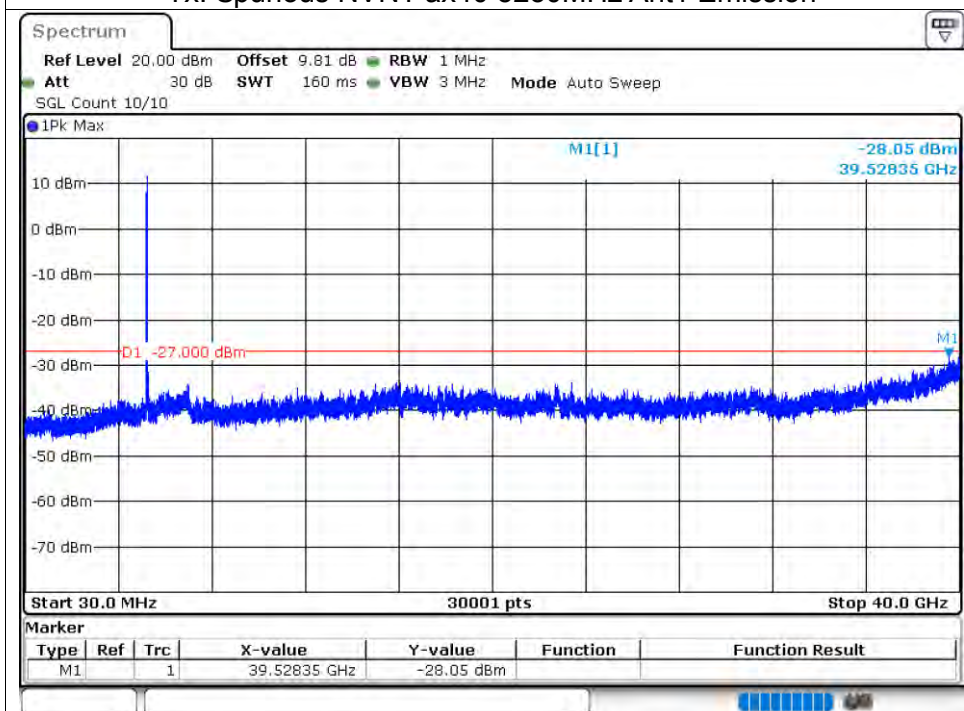




Tx. Spurious NVNT ax40 5190MHz Ant1 Emission



Tx. Spurious NVNT ax40 5230MHz Ant1 Emission



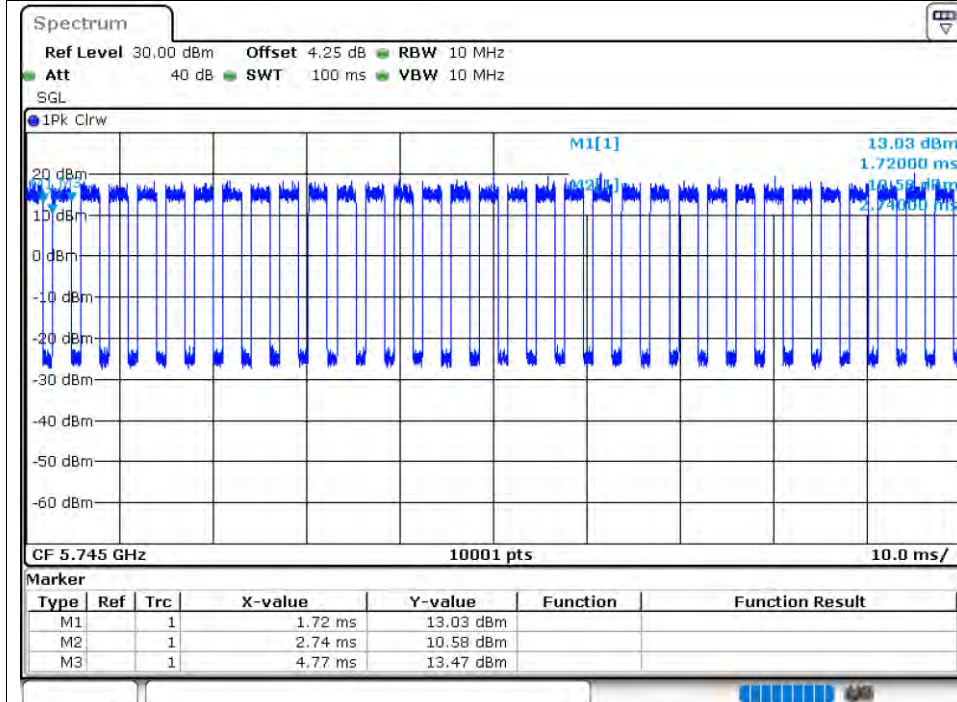
5.8G WIFI

5.1 DUTY CYCLE

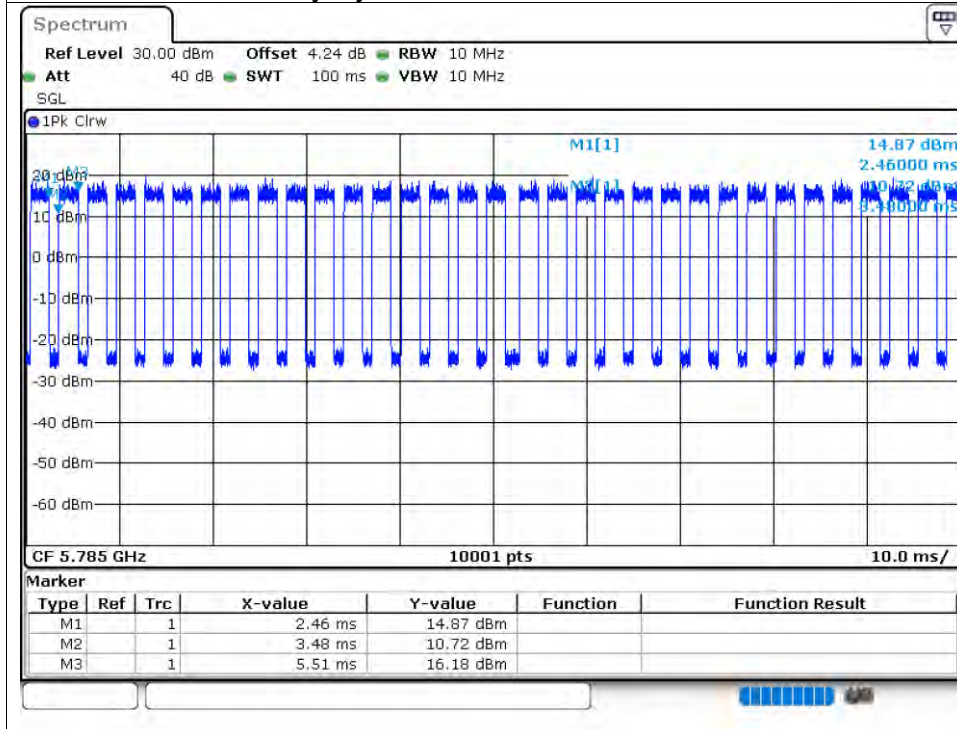
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	67.06	1.74	0.49
NVNT	a	5785	Ant1	66.86	1.75	0.49
NVNT	a	5825	Ant1	66.64	1.76	0.49
NVNT	n20	5745	Ant1	65.58	1.83	0.53
NVNT	n20	5785	Ant1	65.18	1.86	0.53
NVNT	n20	5825	Ant1	65.75	1.82	0.53
NVNT	n40	5755	Ant1	48.03	3.19	1.08
NVNT	n40	5795	Ant1	48.05	3.18	1.08
NVNT	ac20	5745	Ant1	65.5	1.84	0.53
NVNT	ac20	5785	Ant1	64.93	1.88	0.53
NVNT	ac20	5825	Ant1	65.62	1.83	0.53
NVNT	ac40	5755	Ant1	48.68	3.13	1.08
NVNT	ac40	5795	Ant1	48.26	3.16	1.06
NVNT	ax20	5745	Ant1	59.74	2.24	0.68
NVNT	ax20	5785	Ant1	58.93	2.3	0.68
NVNT	ax20	5825	Ant1	59.57	2.25	0.68
NVNT	ax40	5755	Ant1	43.05	3.66	1.33
NVNT	ax40	5795	Ant1	43.32	3.63	1.32

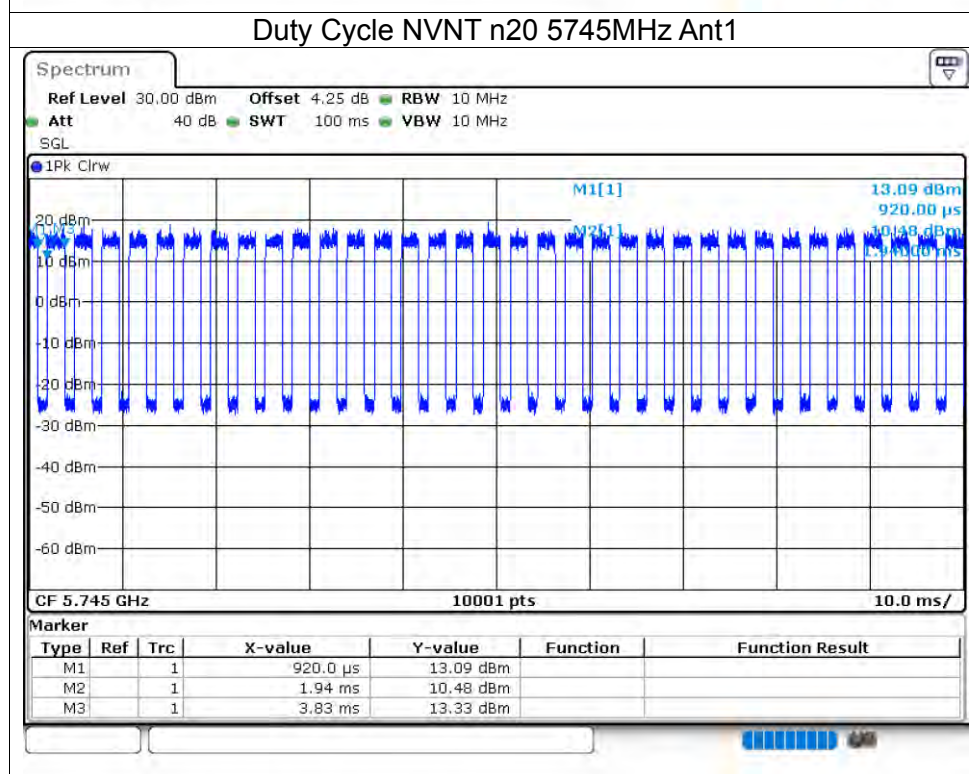
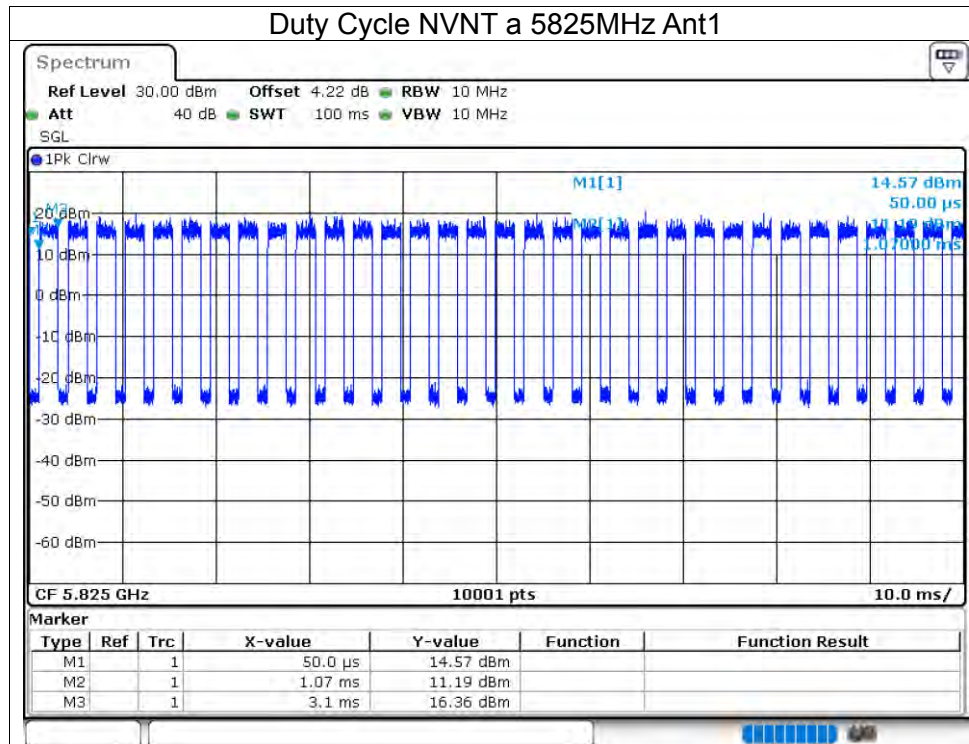
Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

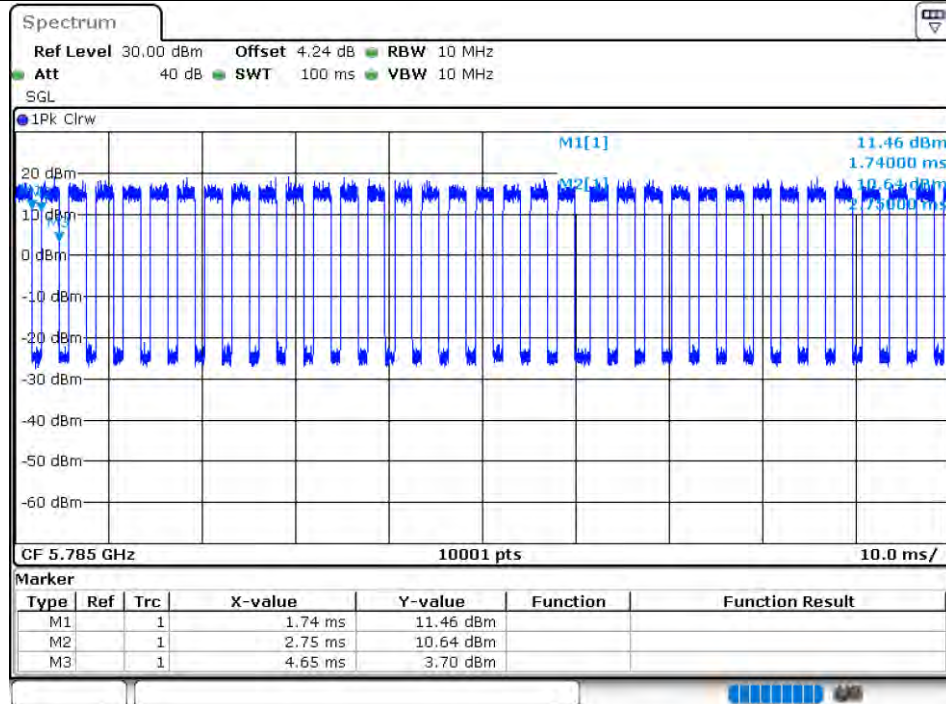


Duty Cycle NVNT a 5785MHz Ant1

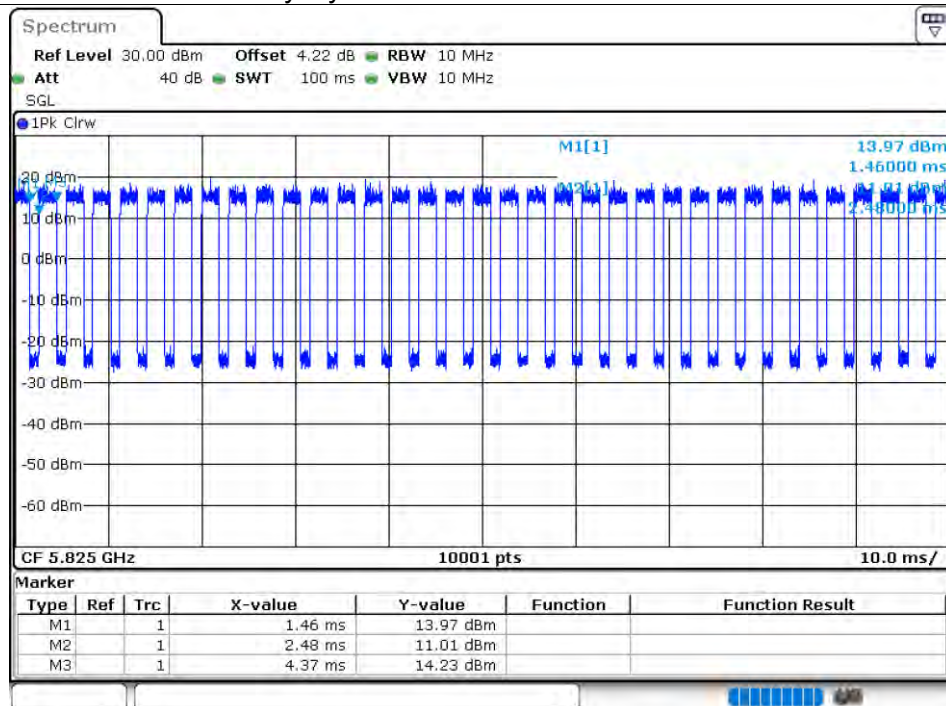




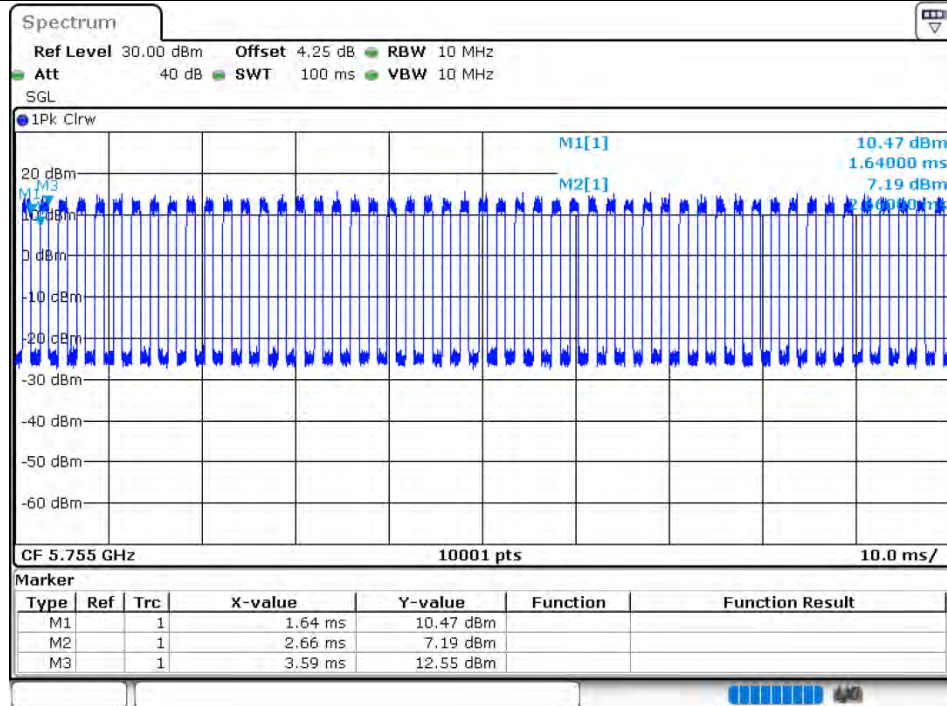
Duty Cycle NVNT n20 5785MHz Ant1



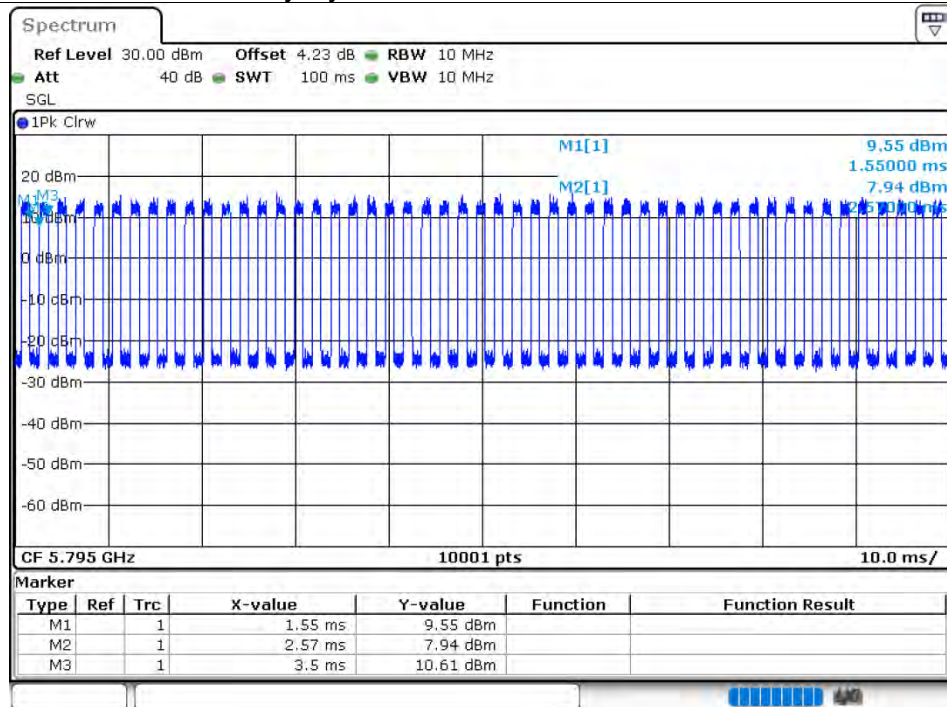
Duty Cycle NVNT n20 5825MHz Ant1



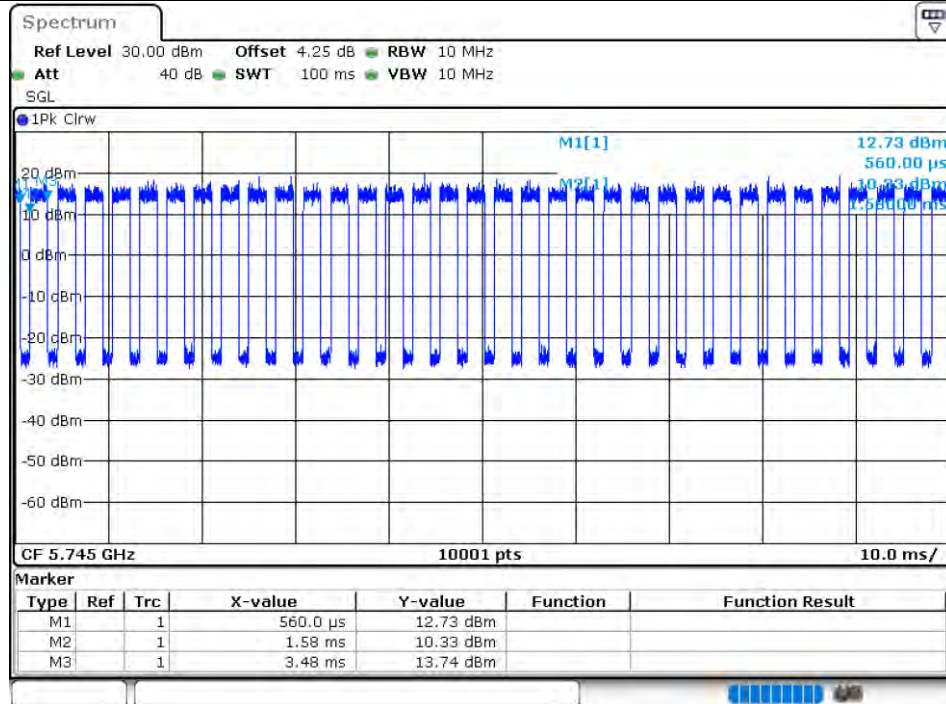
Duty Cycle NVNT n40 5755MHz Ant1



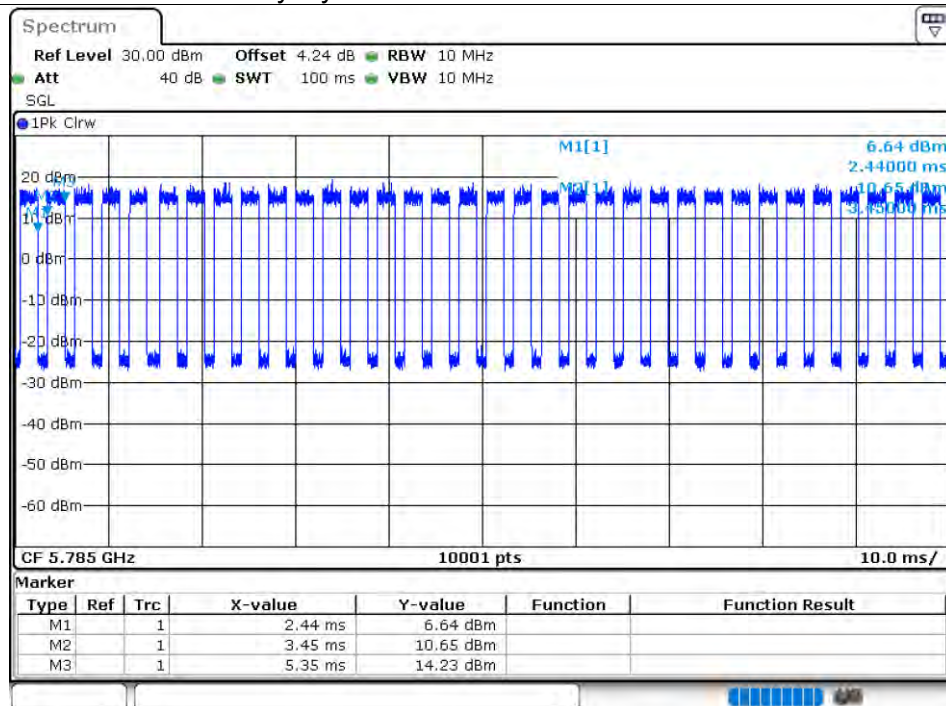
Duty Cycle NVNT n40 5795MHz Ant1



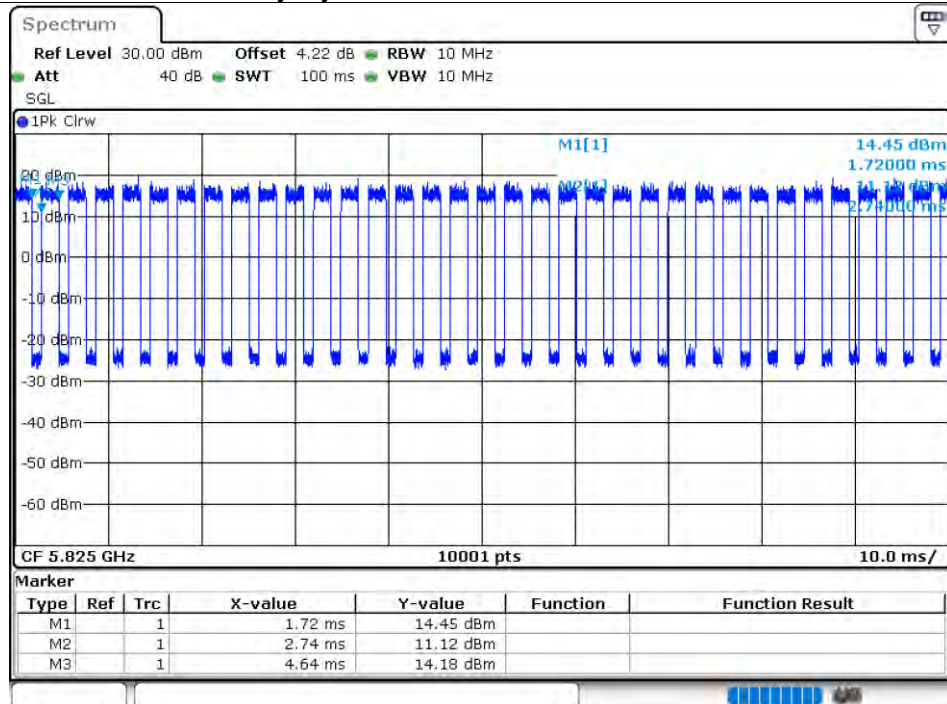
Duty Cycle NVNT ac20 5745MHz Ant1



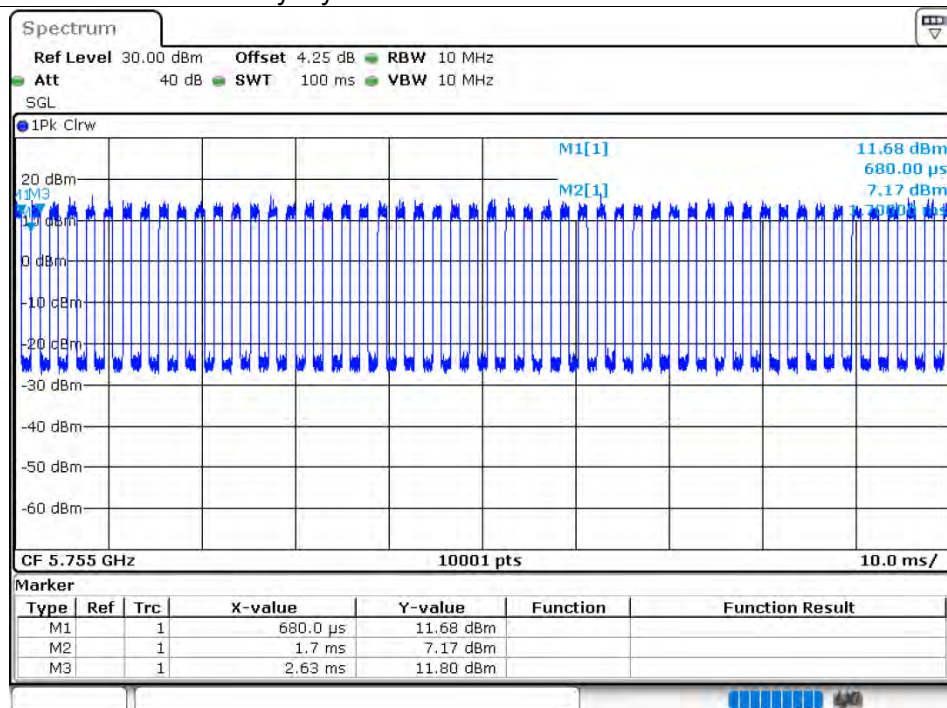
Duty Cycle NVNT ac20 5785MHz Ant1



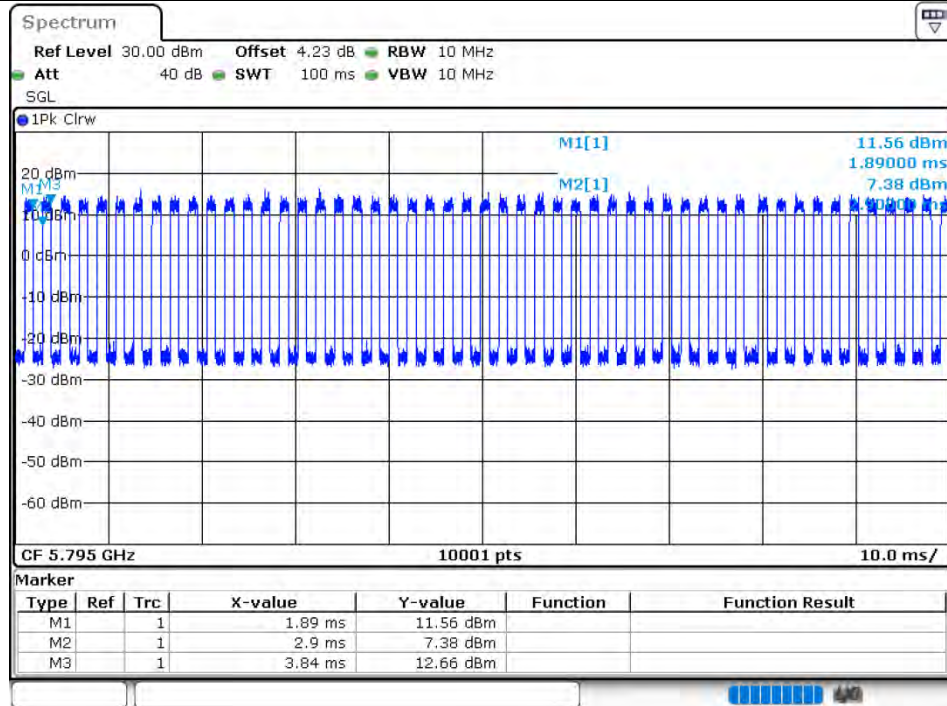
Duty Cycle NVNT ac20 5825MHz Ant1



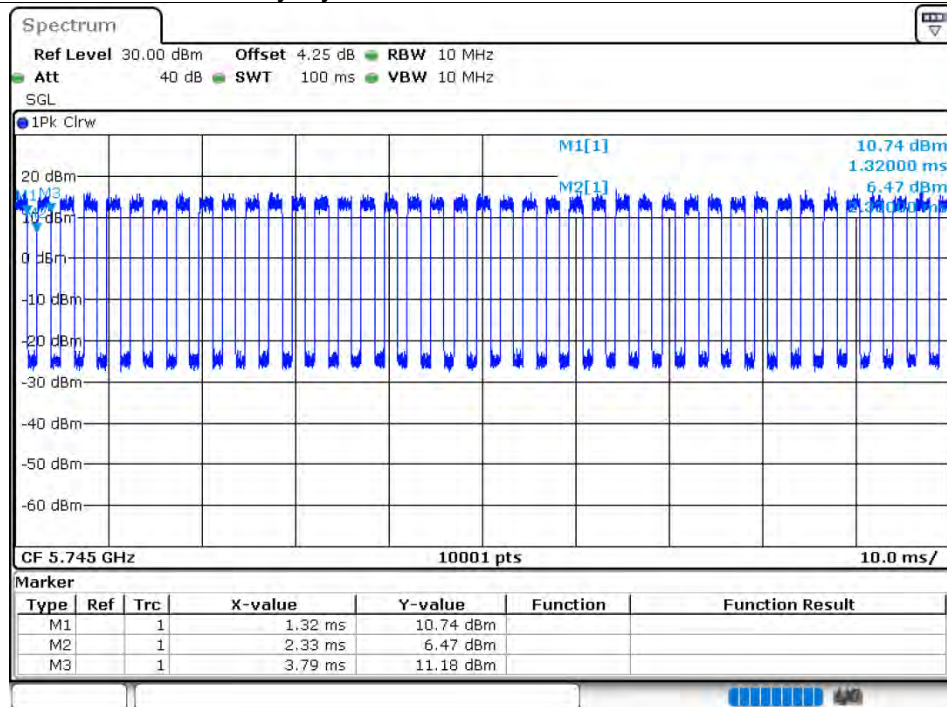
Duty Cycle NVNT ac40 5755MHz Ant1



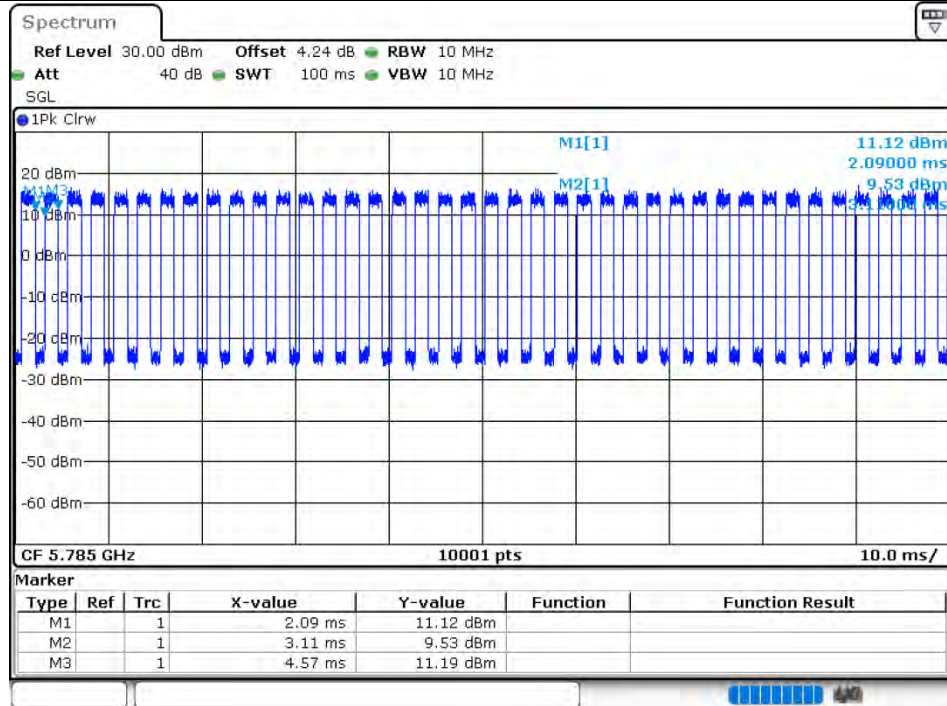
Duty Cycle NVNT ac40 5795MHz Ant1



Duty Cycle NVNT ax20 5745MHz Ant1



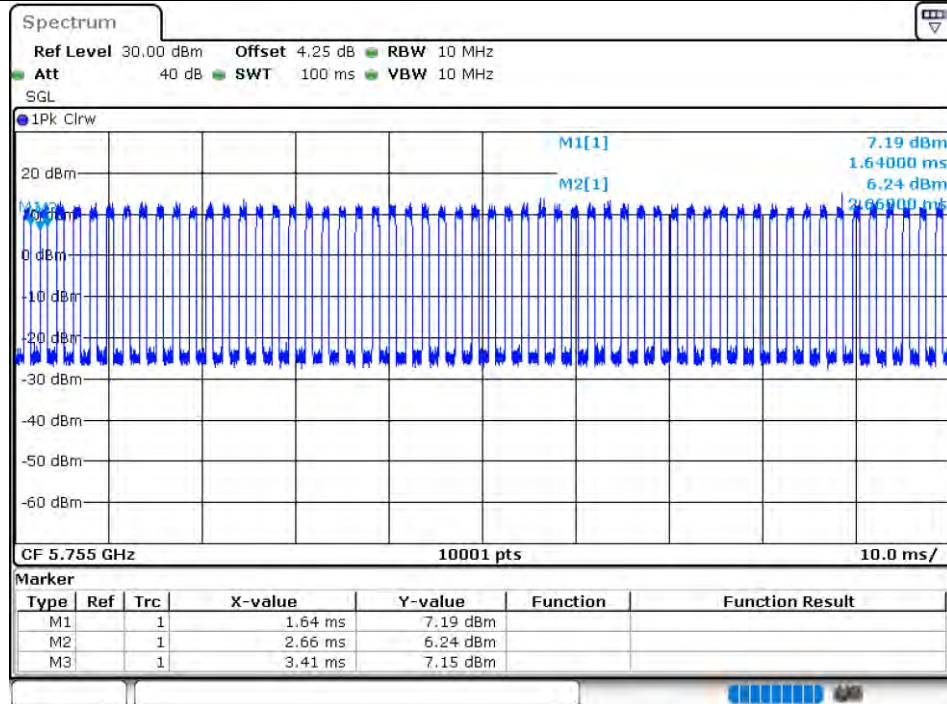
Duty Cycle NVNT ax20 5785MHz Ant1



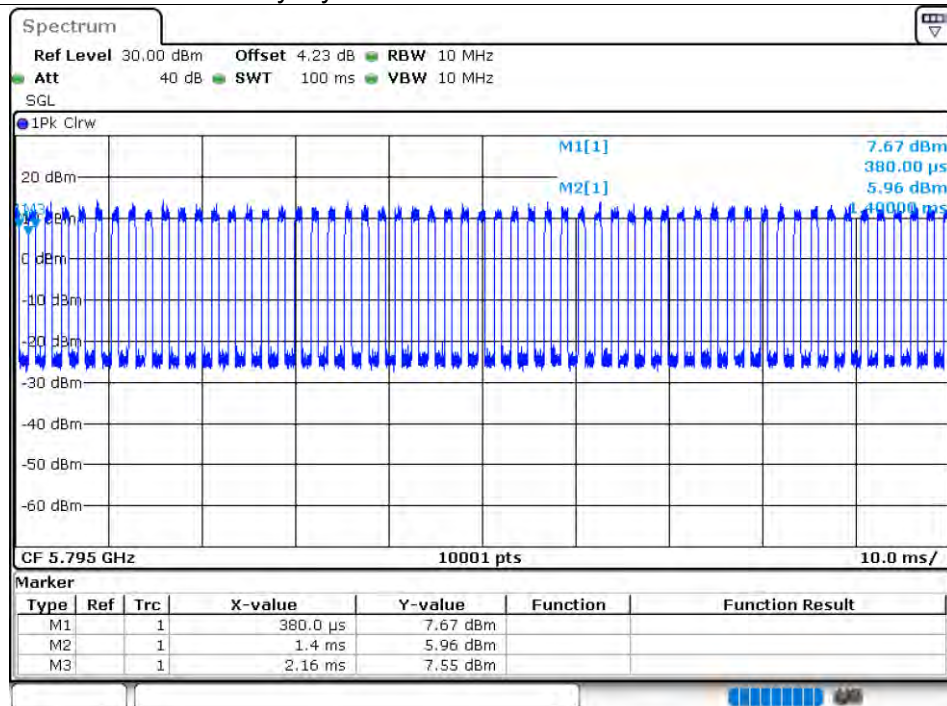
Duty Cycle NVNT ax20 5825MHz Ant1



Duty Cycle NVNT ax40 5755MHz Ant1



Duty Cycle NVNT ax40 5795MHz Ant1



5.2 MAXIMUM CONDUCTED OUTPUT POWER

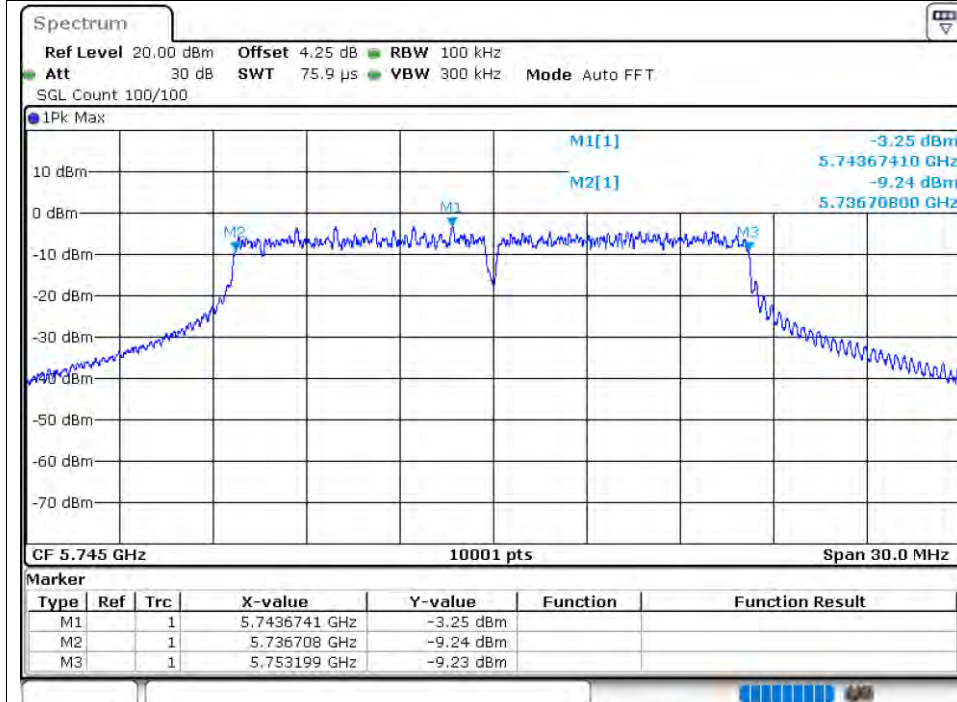
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.46	30	Pass
NVNT	a	5785	Ant1	11.43	30	Pass
NVNT	a	5825	Ant1	11.62	30	Pass
NVNT	n20	5745	Ant1	10.46	30	Pass
NVNT	n20	5785	Ant1	11.46	30	Pass
NVNT	n20	5825	Ant1	11.47	30	Pass
NVNT	n40	5755	Ant1	10.67	30	Pass
NVNT	n40	5795	Ant1	11.57	30	Pass
NVNT	ac20	5745	Ant1	10.38	30	Pass
NVNT	ac20	5785	Ant1	11.48	30	Pass
NVNT	ac20	5825	Ant1	11.57	30	Pass
NVNT	ac40	5755	Ant1	10.72	30	Pass
NVNT	ac40	5795	Ant1	11.59	30	Pass
NVNT	ax20	5745	Ant1	8.7	30	Pass
NVNT	ax20	5785	Ant1	9.68	30	Pass
NVNT	ax20	5825	Ant1	10.03	30	Pass
NVNT	ax40	5755	Ant1	8.94	30	Pass
NVNT	ax40	5795	Ant1	9.75	30	Pass

5.3 -6DB BANDWIDTH

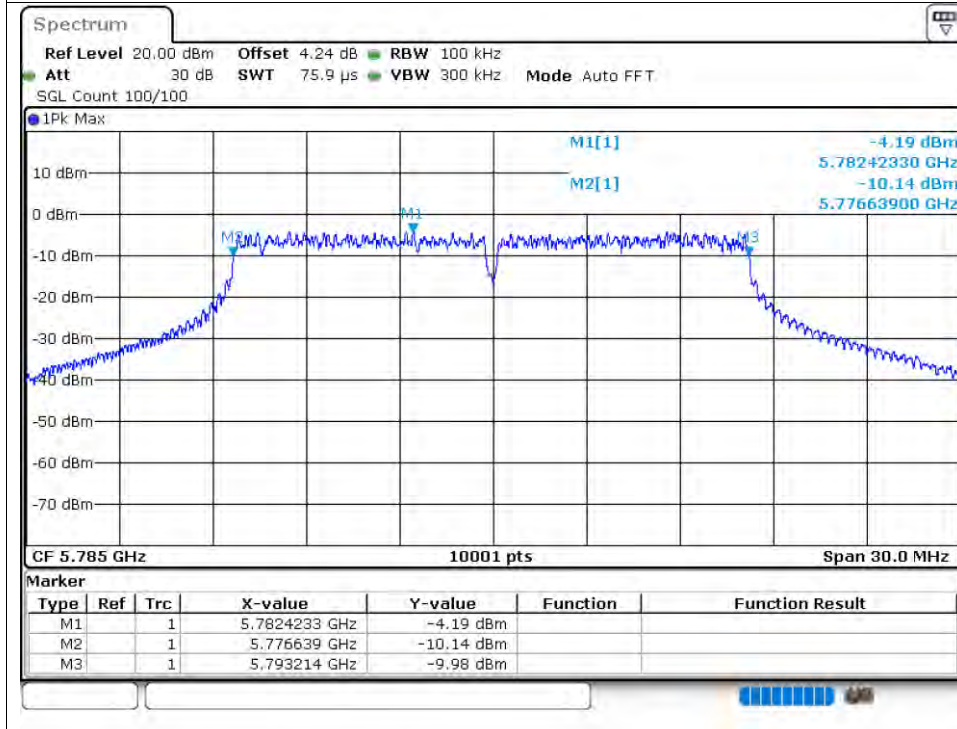
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.491	0.5	Pass
NVNT	a	5785	Ant1	16.575	0.5	Pass
NVNT	a	5825	Ant1	16.338	0.5	Pass
NVNT	n20	5745	Ant1	17.688	0.5	Pass
NVNT	n20	5785	Ant1	17.805	0.5	Pass
NVNT	n20	5825	Ant1	17.631	0.5	Pass
NVNT	n40	5755	Ant1	36.312	0.5	Pass
NVNT	n40	5795	Ant1	36.318	0.5	Pass
NVNT	ac20	5745	Ant1	17.811	0.5	Pass
NVNT	ac20	5785	Ant1	17.823	0.5	Pass
NVNT	ac20	5825	Ant1	17.661	0.5	Pass
NVNT	ac40	5755	Ant1	36.474	0.5	Pass
NVNT	ac40	5795	Ant1	36.336	0.5	Pass
NVNT	ax20	5745	Ant1	19.116	0.5	Pass
NVNT	ax20	5785	Ant1	19.065	0.5	Pass
NVNT	ax20	5825	Ant1	19.047	0.5	Pass
NVNT	ax40	5755	Ant1	38.214	0.5	Pass
NVNT	ax40	5795	Ant1	37.296	0.5	Pass

Test Graphs

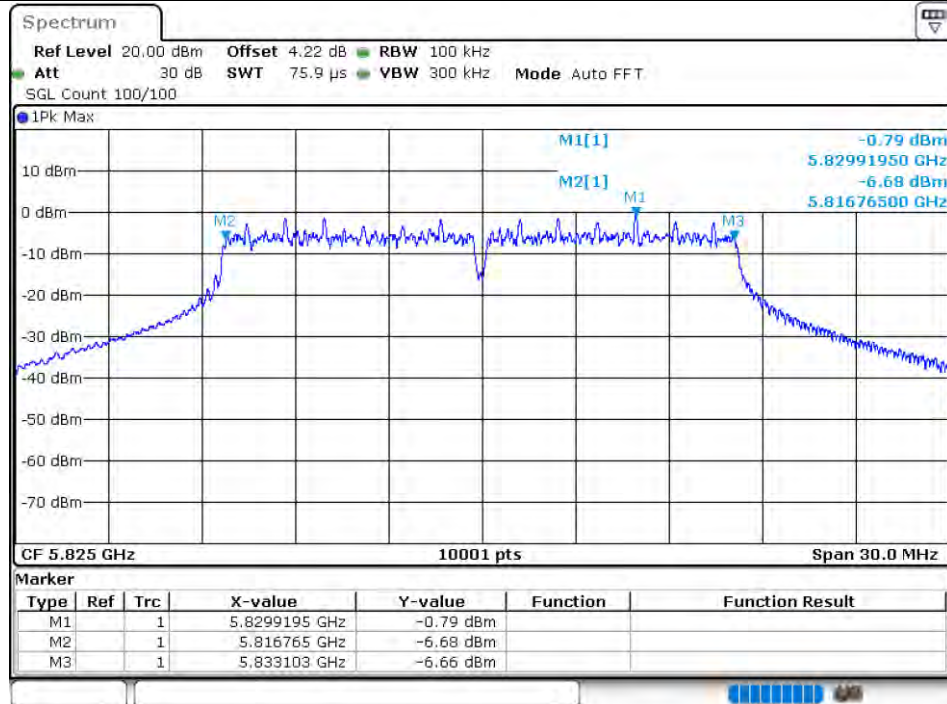
-6dB Bandwidth NVNT a 5745MHz Ant1



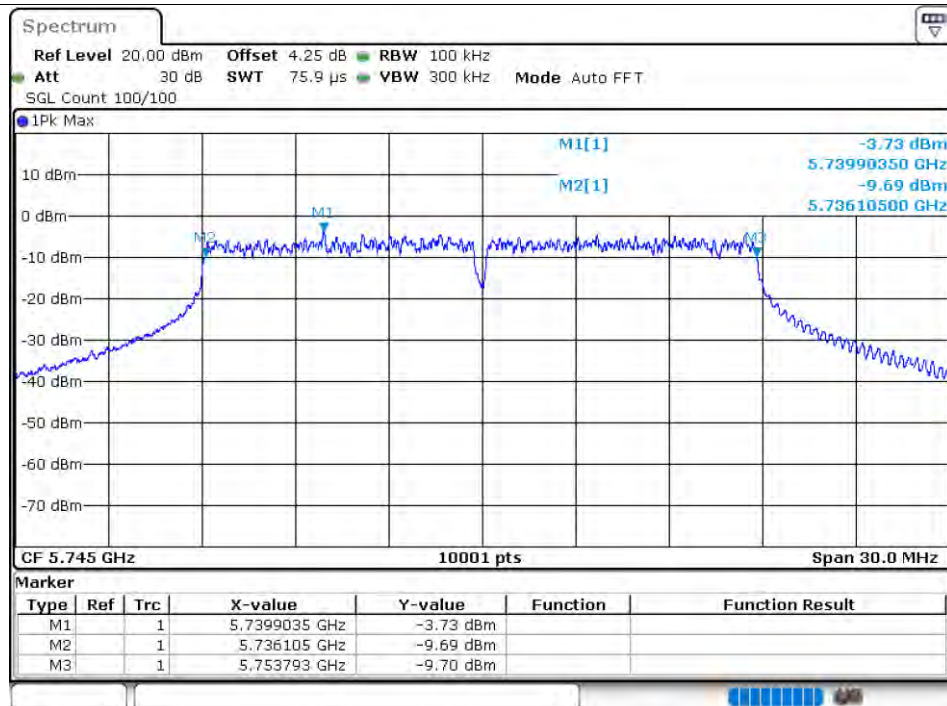
-6dB Bandwidth NVNT a 5785MHz Ant1



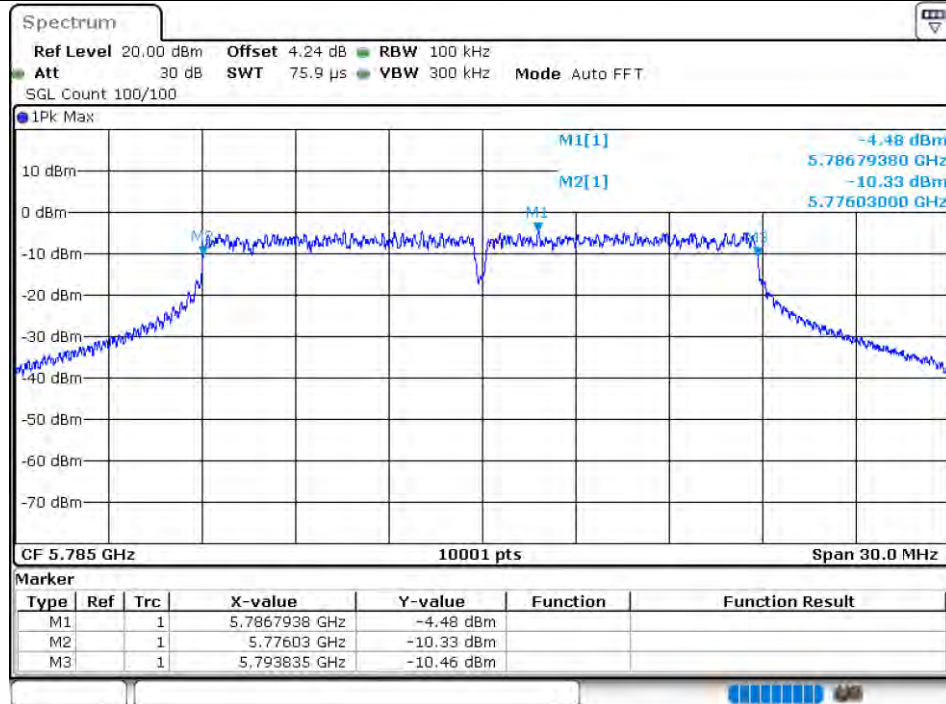
-6dB Bandwidth NVNT a 5825MHz Ant1



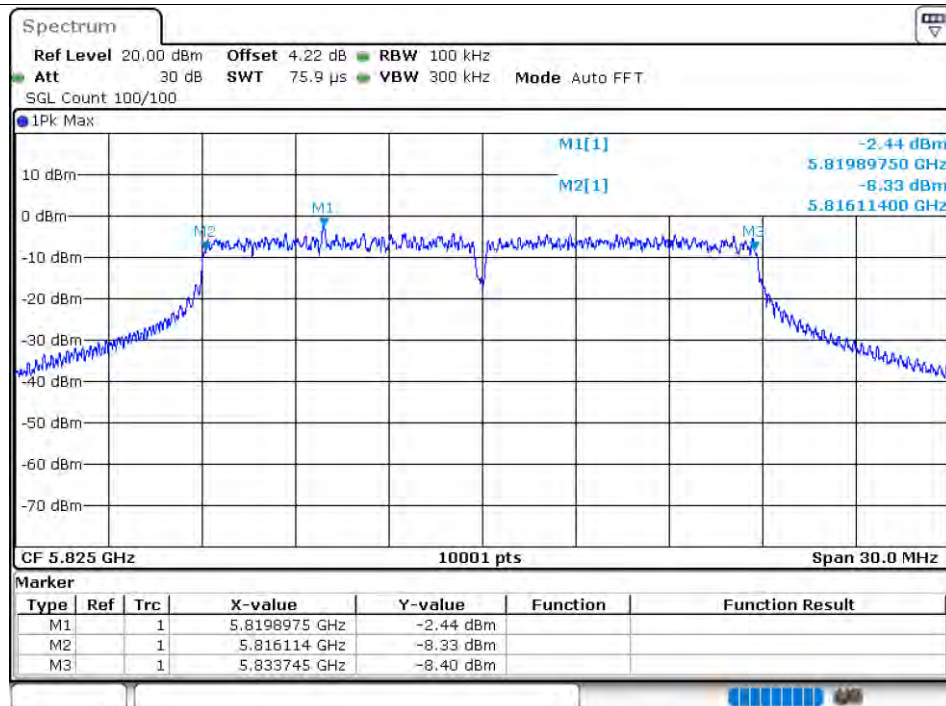
-6dB Bandwidth NVNT n20 5745MHz Ant1



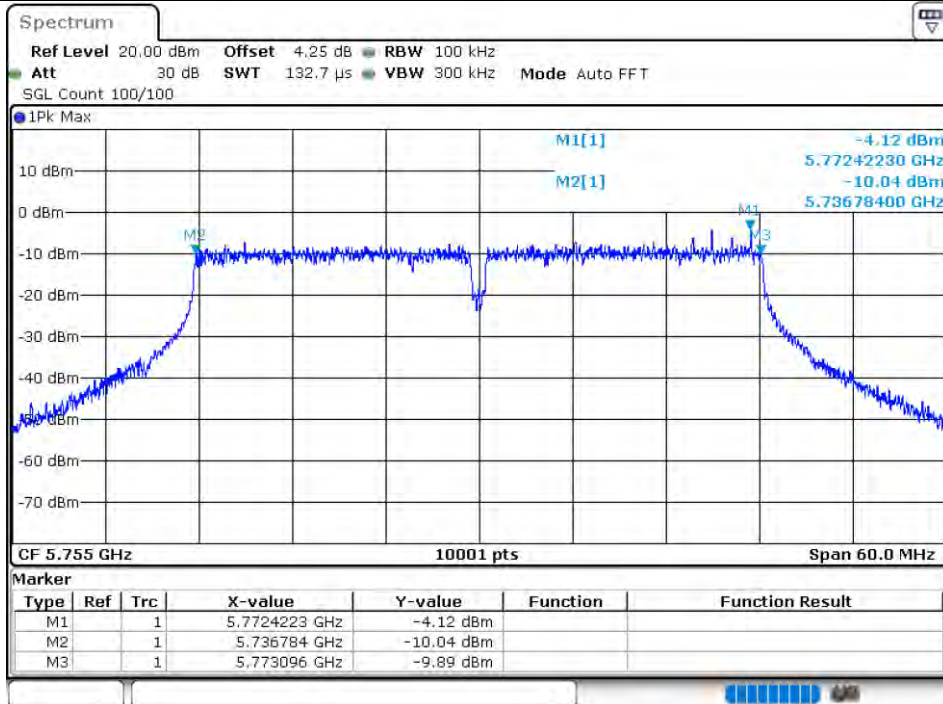
-6dB Bandwidth NVNT n20 5785MHz Ant1



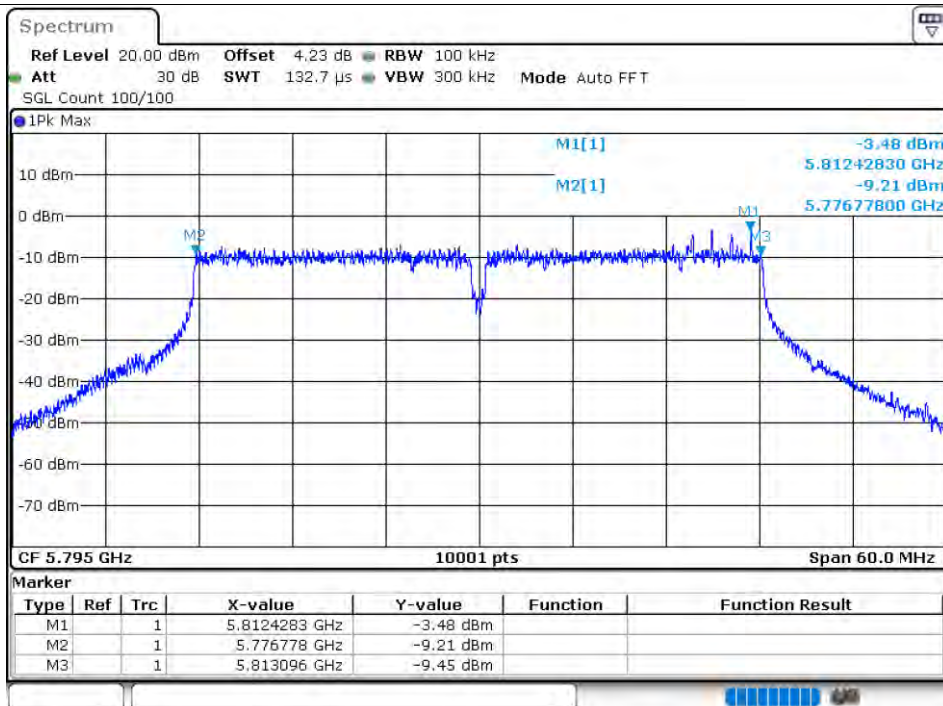
-6dB Bandwidth NVNT n20 5825MHz Ant1



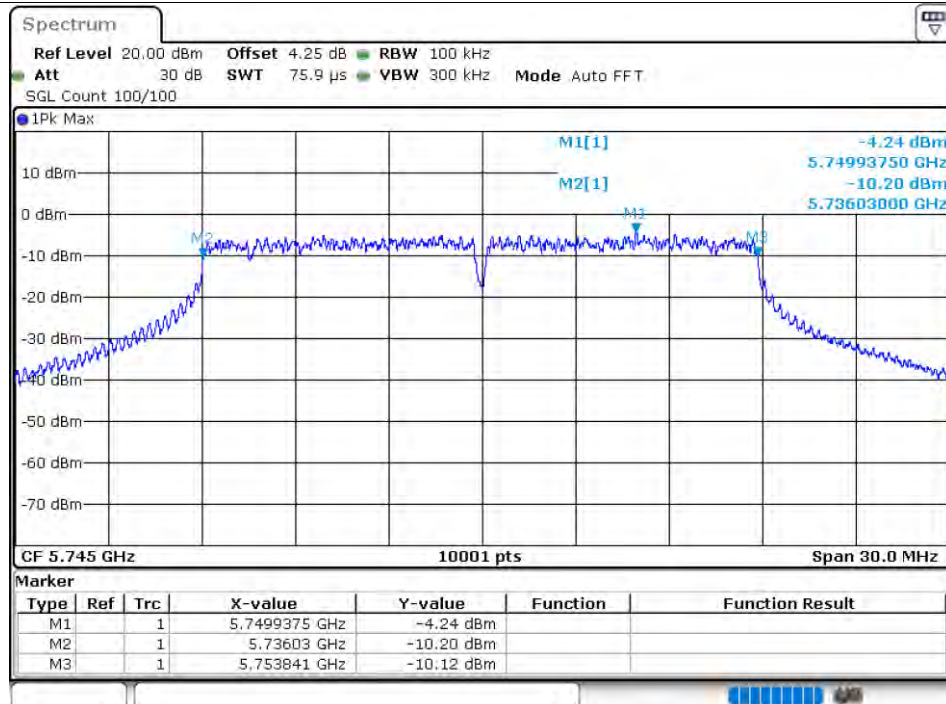
-6dB Bandwidth NVNT n40 5755MHz Ant1



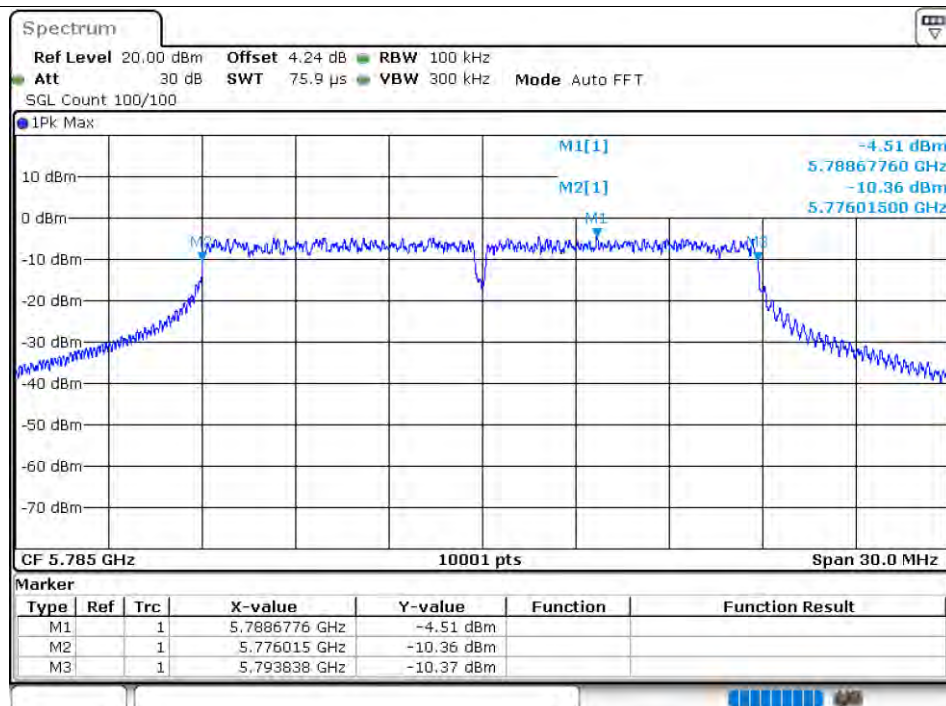
-6dB Bandwidth NVNT n40 5795MHz Ant1



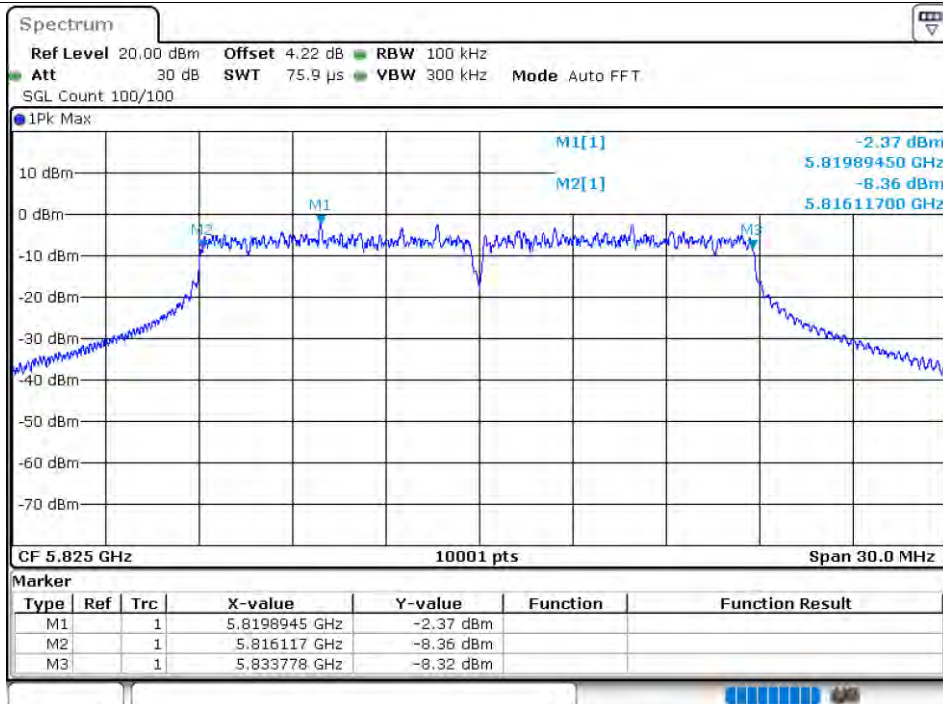
-6dB Bandwidth NVNT ac20 5745MHz Ant1



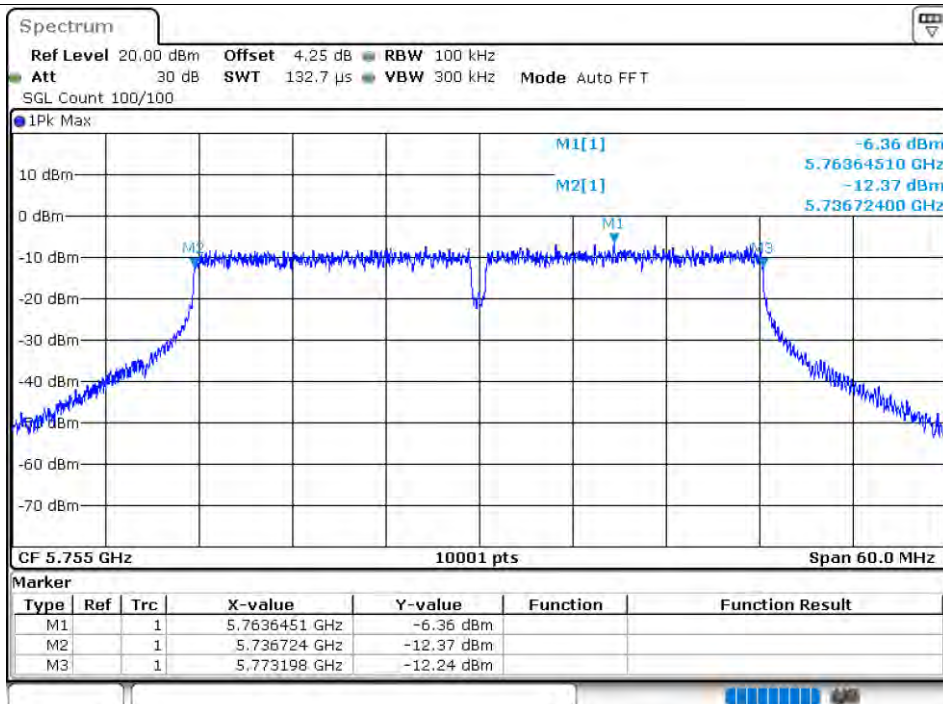
-6dB Bandwidth NVNT ac20 5785MHz Ant1



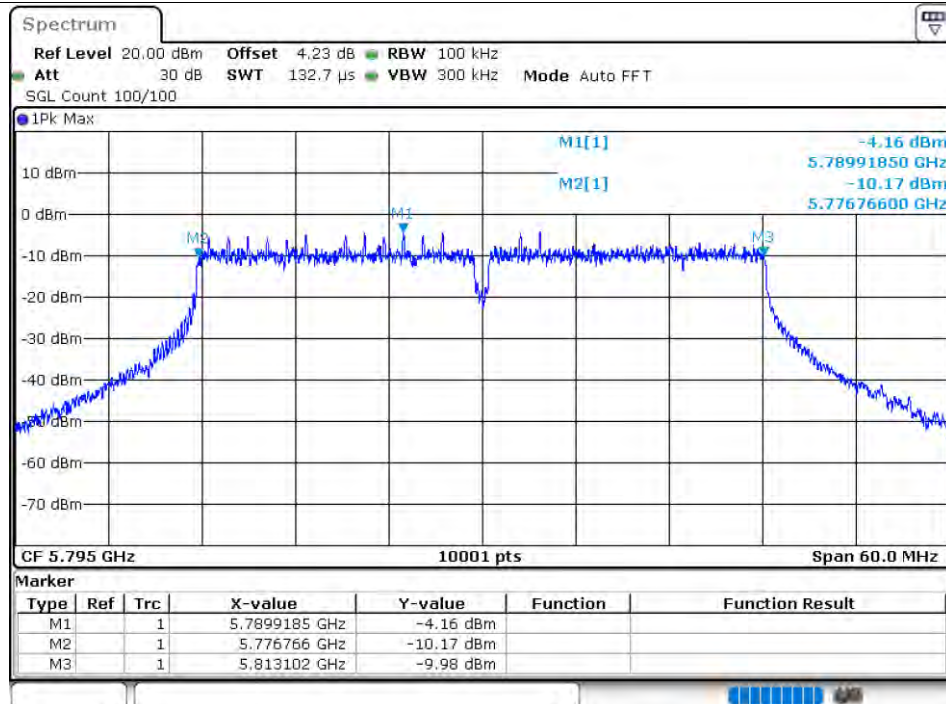
-6dB Bandwidth NVNT ac20 5825MHz Ant1



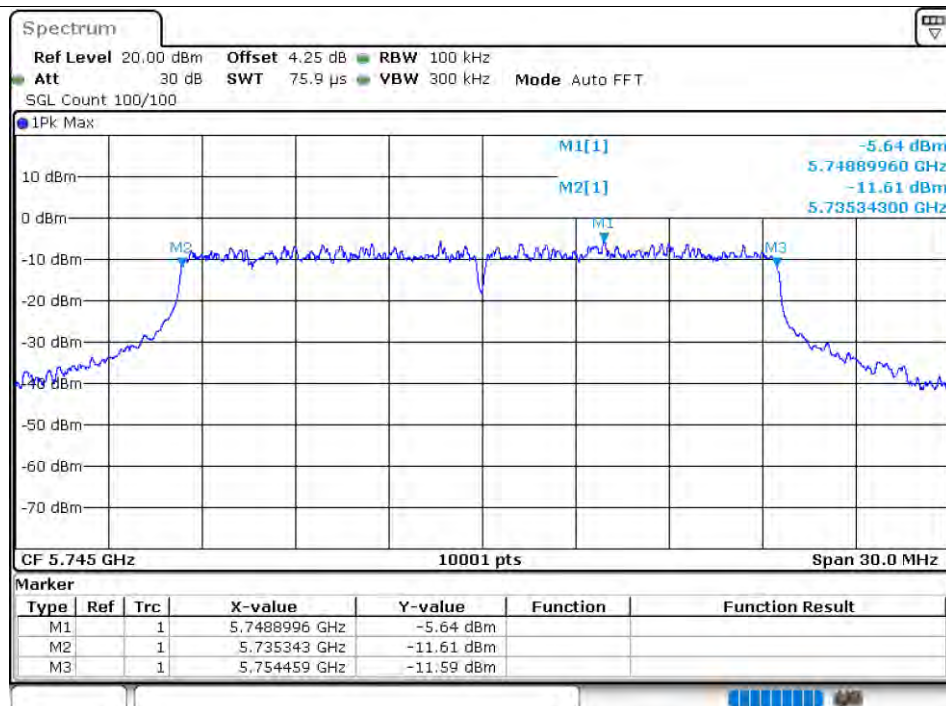
-6dB Bandwidth NVNT ac40 5755MHz Ant1



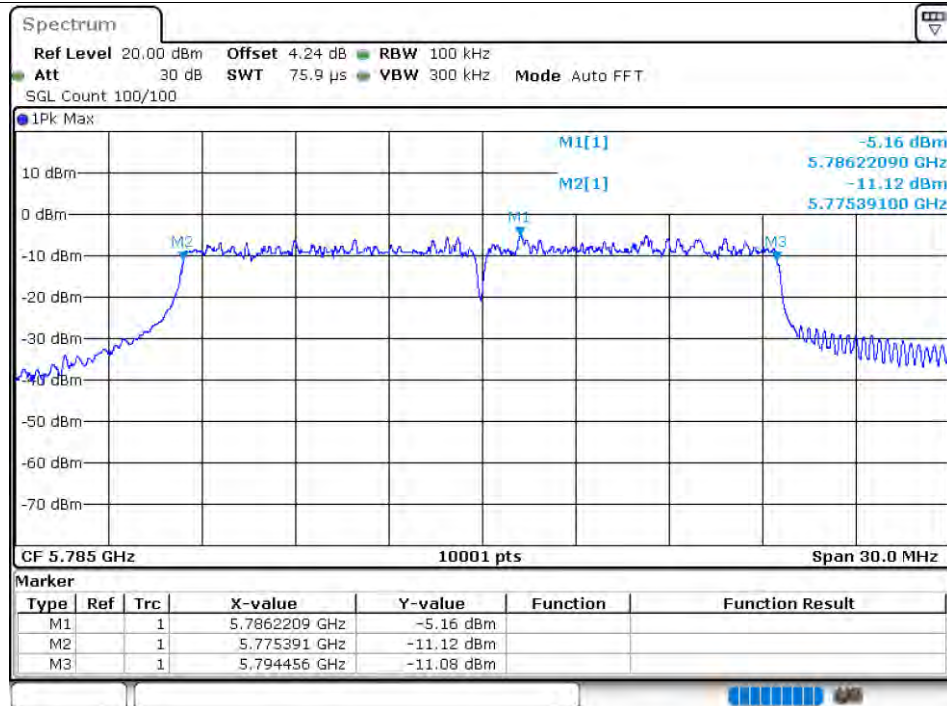
-6dB Bandwidth NVNT ac40 5795MHz Ant1



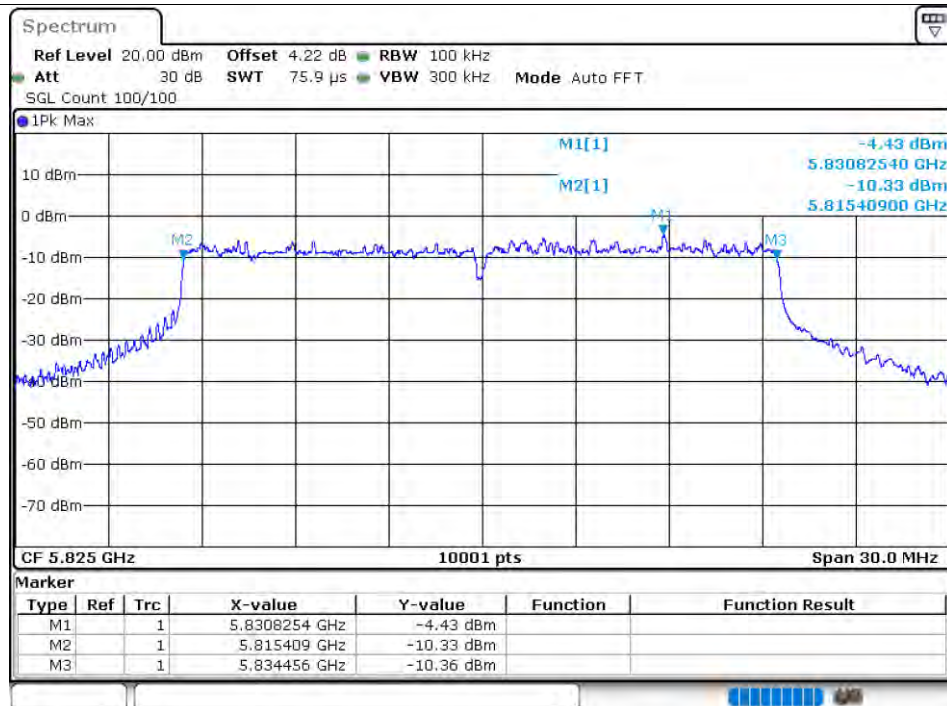
-6dB Bandwidth NVNT ax20 5745MHz Ant1



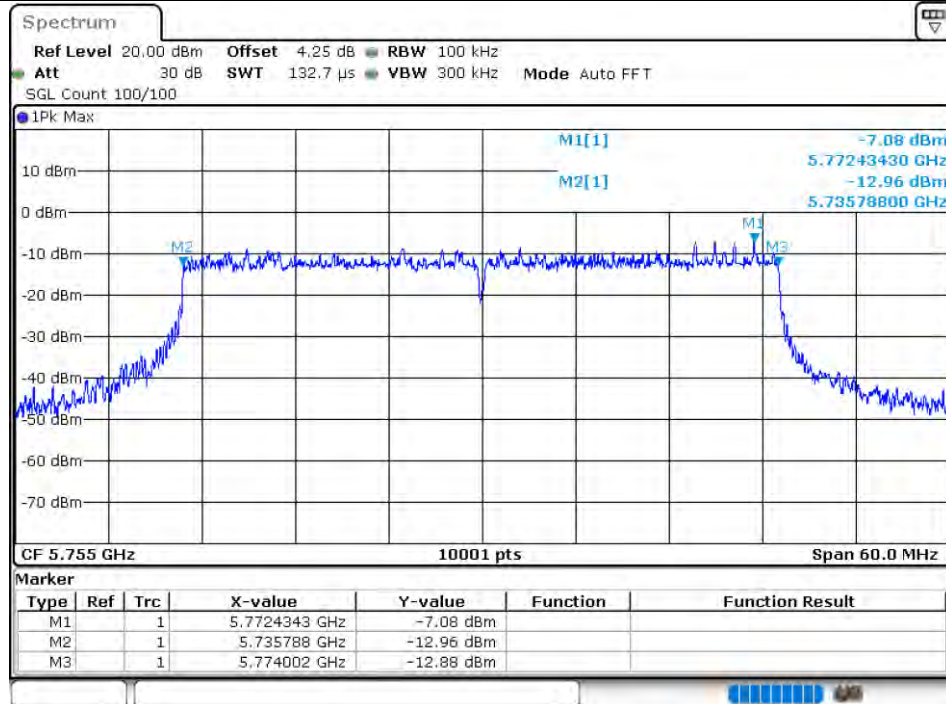
-6dB Bandwidth NVNT ax20 5785MHz Ant1



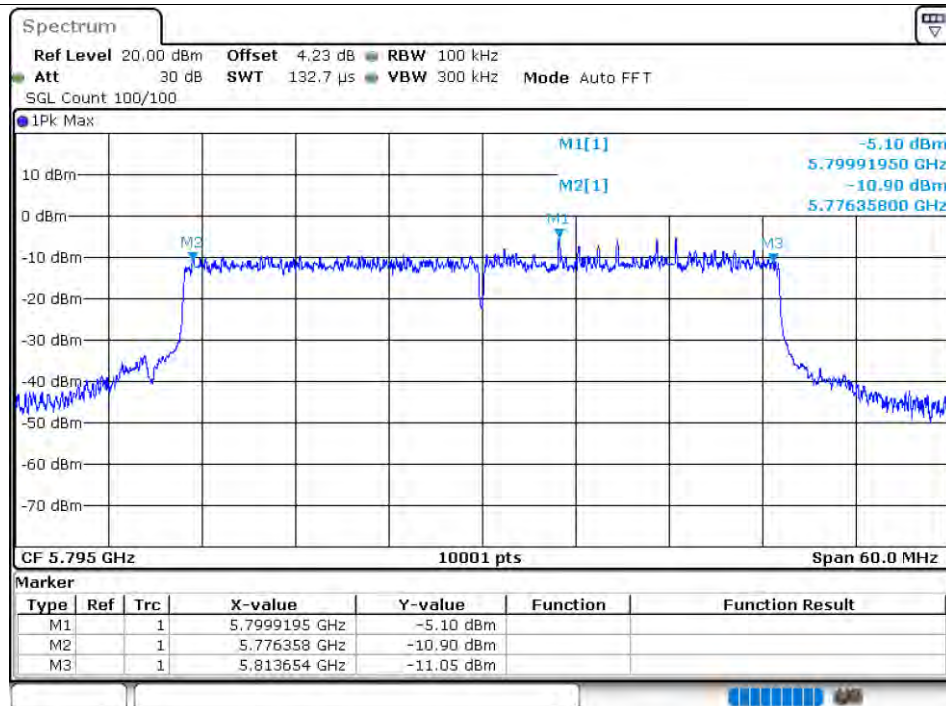
-6dB Bandwidth NVNT ax20 5825MHz Ant1



-6dB Bandwidth NVNT ax40 5755MHz Ant1



-6dB Bandwidth NVNT ax40 5795MHz Ant1

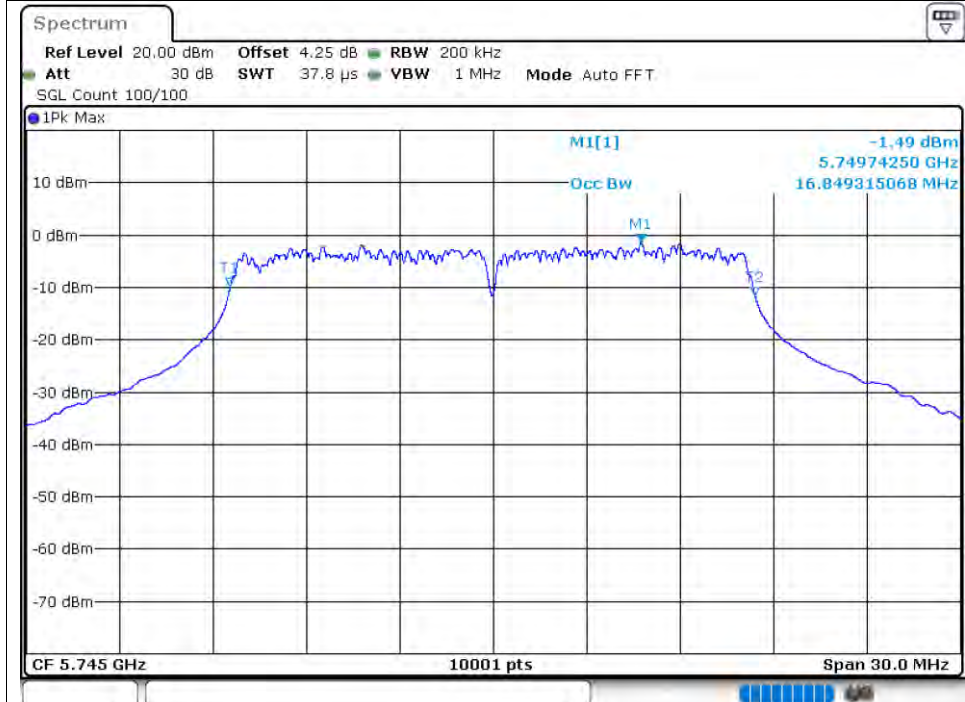


5.4 OCCUPIED CHANNEL BANDWIDTH

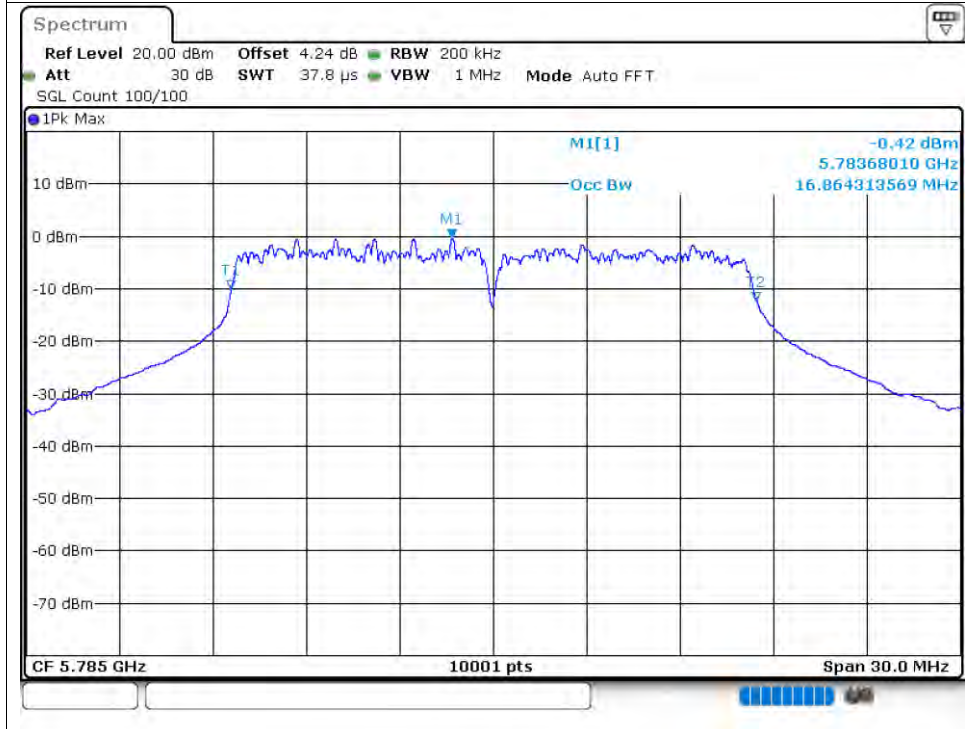
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.849
NVNT	a	5785	Ant1	16.864
NVNT	a	5825	Ant1	16.93
NVNT	n20	5745	Ant1	17.776
NVNT	n20	5785	Ant1	17.923
NVNT	n20	5825	Ant1	17.812
NVNT	n40	5755	Ant1	36.698
NVNT	n40	5795	Ant1	36.764
NVNT	ac20	5745	Ant1	18.025
NVNT	ac20	5785	Ant1	17.833
NVNT	ac20	5825	Ant1	17.884
NVNT	ac40	5755	Ant1	36.668
NVNT	ac40	5795	Ant1	36.752
NVNT	ax20	5745	Ant1	19.207
NVNT	ax20	5785	Ant1	19.249
NVNT	ax20	5825	Ant1	19.024
NVNT	ax40	5755	Ant1	37.958
NVNT	ax40	5795	Ant1	38.006

Test Graphs

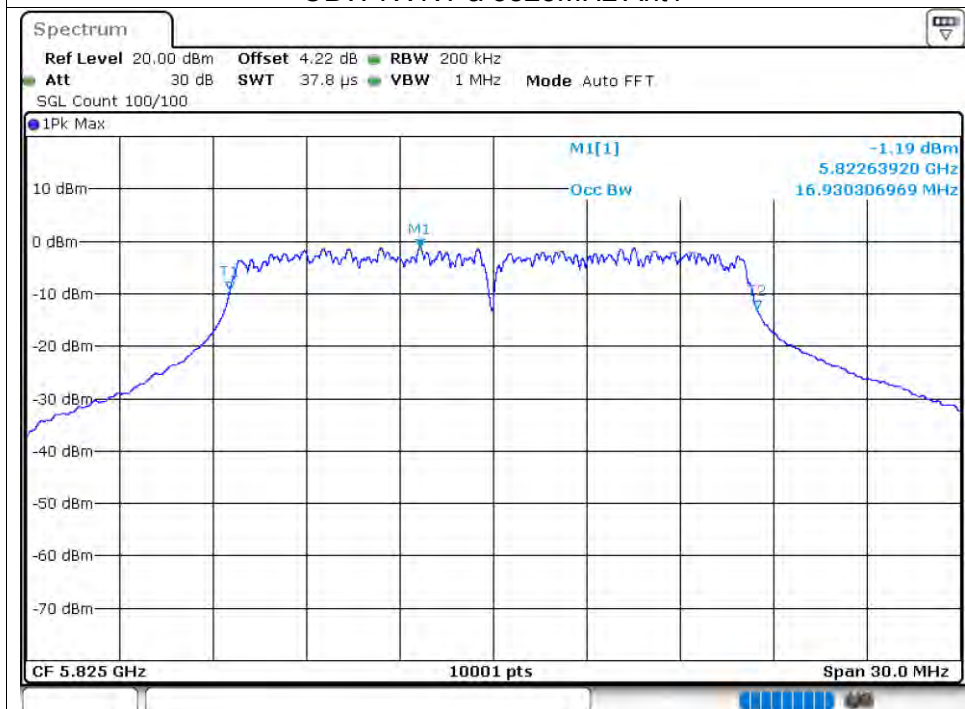
OBW NVNT a 5745MHz Ant1



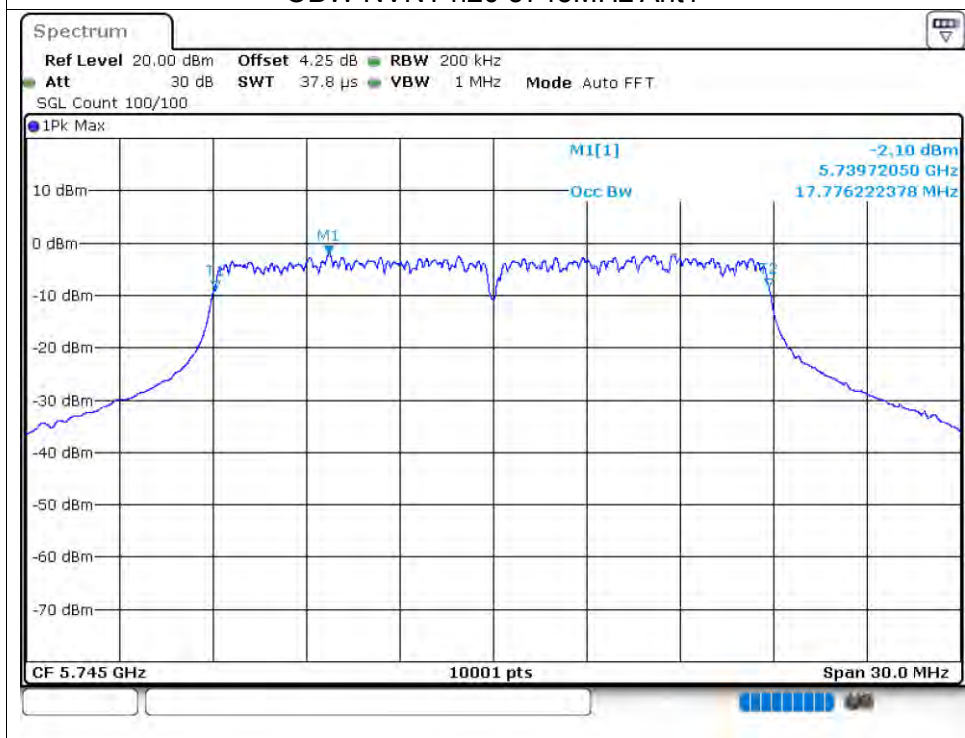
OBW NVNT a 5785MHz Ant1



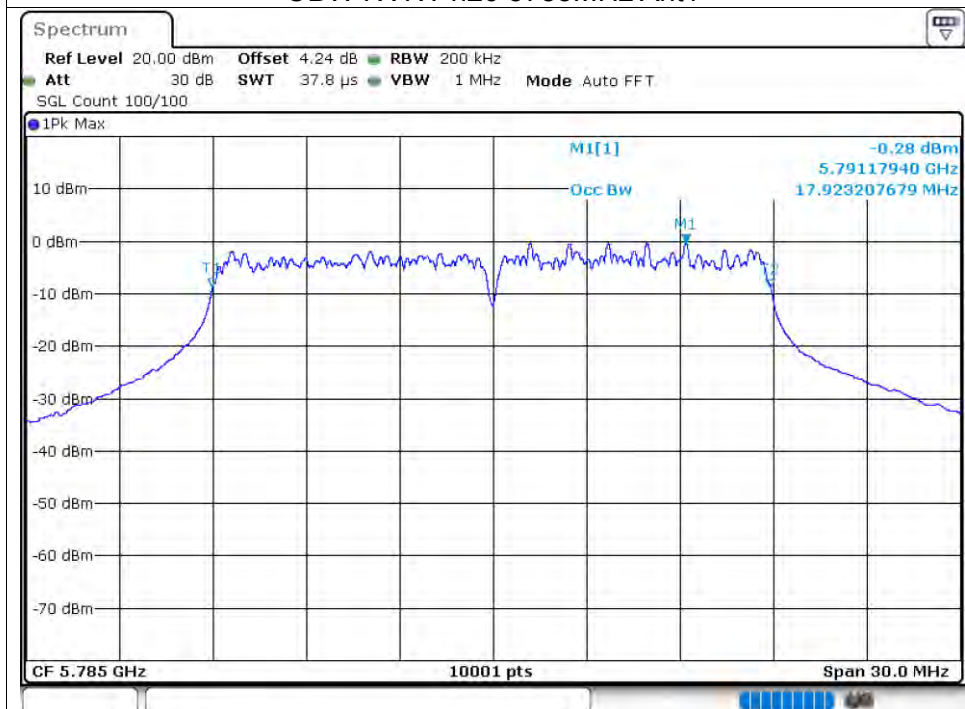
OBW NVNT a 5825MHz Ant1



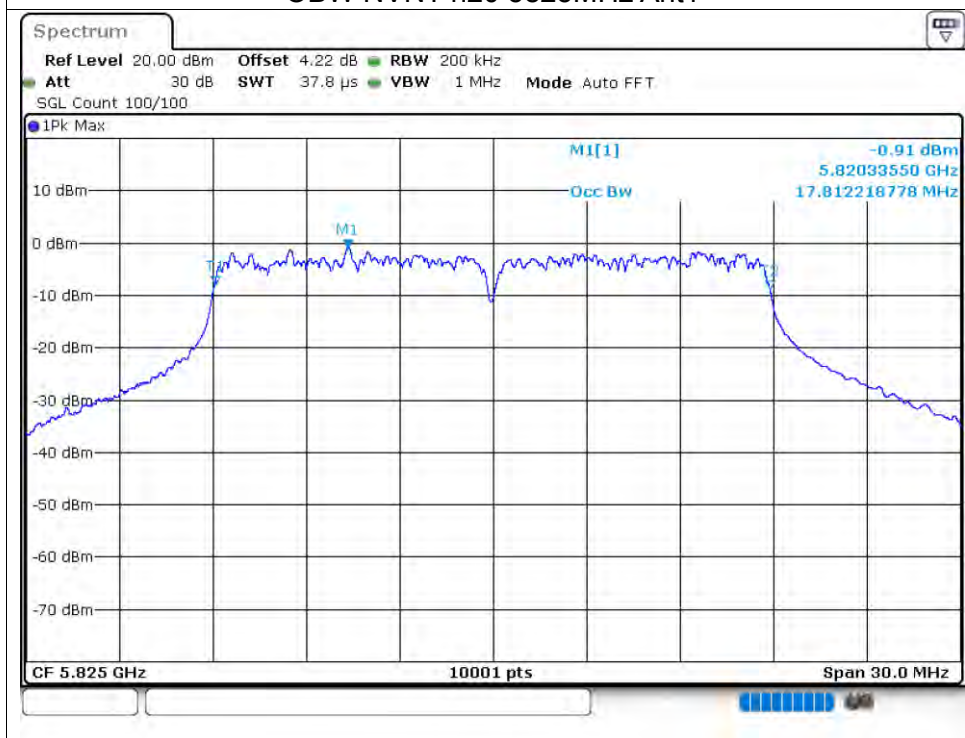
OBW NVNT n20 5745MHz Ant1



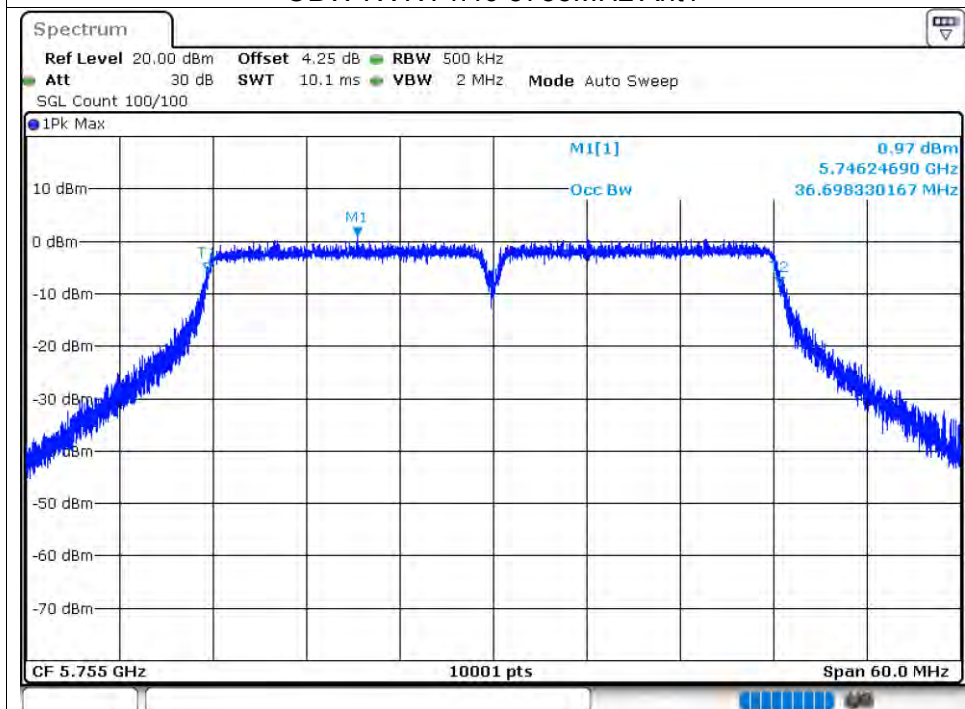
OBW NVNT n20 5785MHz Ant1



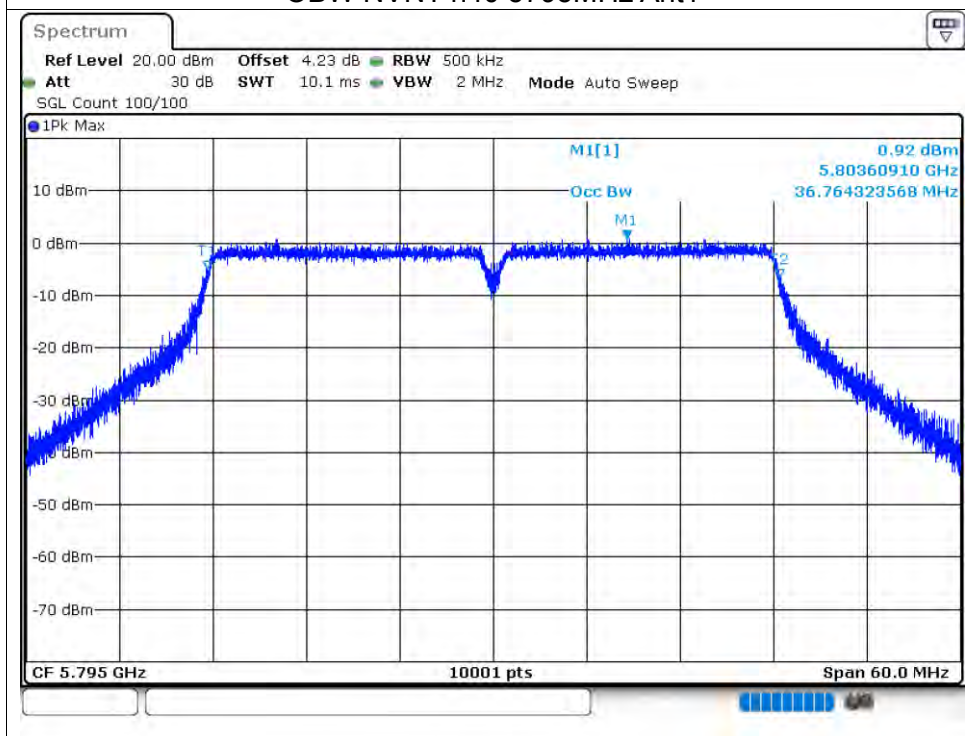
OBW NVNT n20 5825MHz Ant1



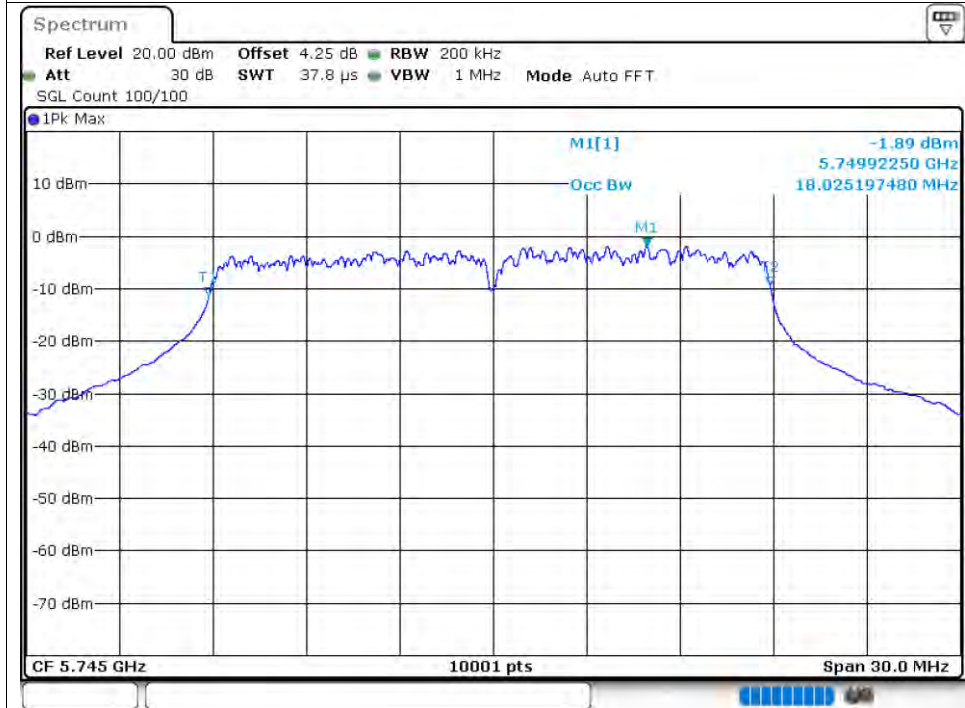
OBW NVNT n40 5755MHz Ant1



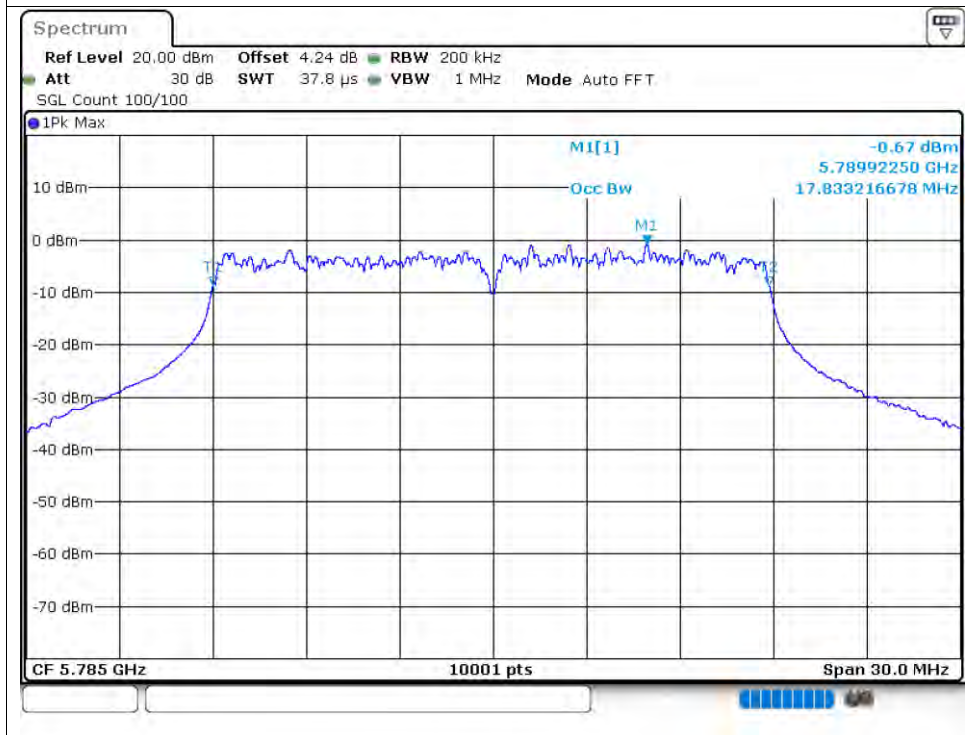
OBW NVNT n40 5795MHz Ant1



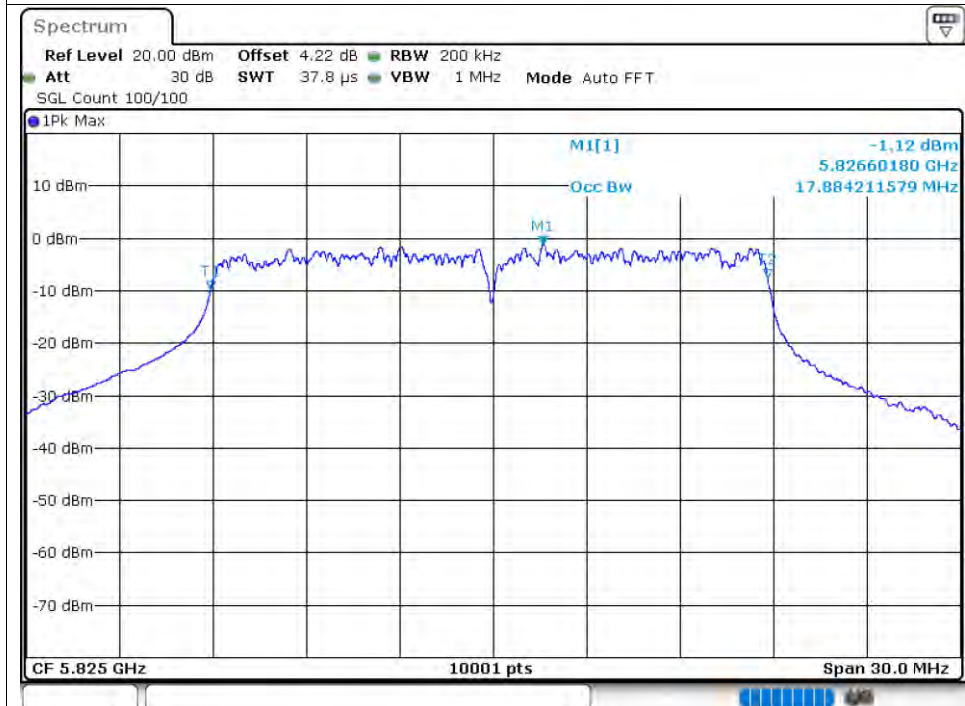
OBW NVNT ac20 5745MHz Ant1



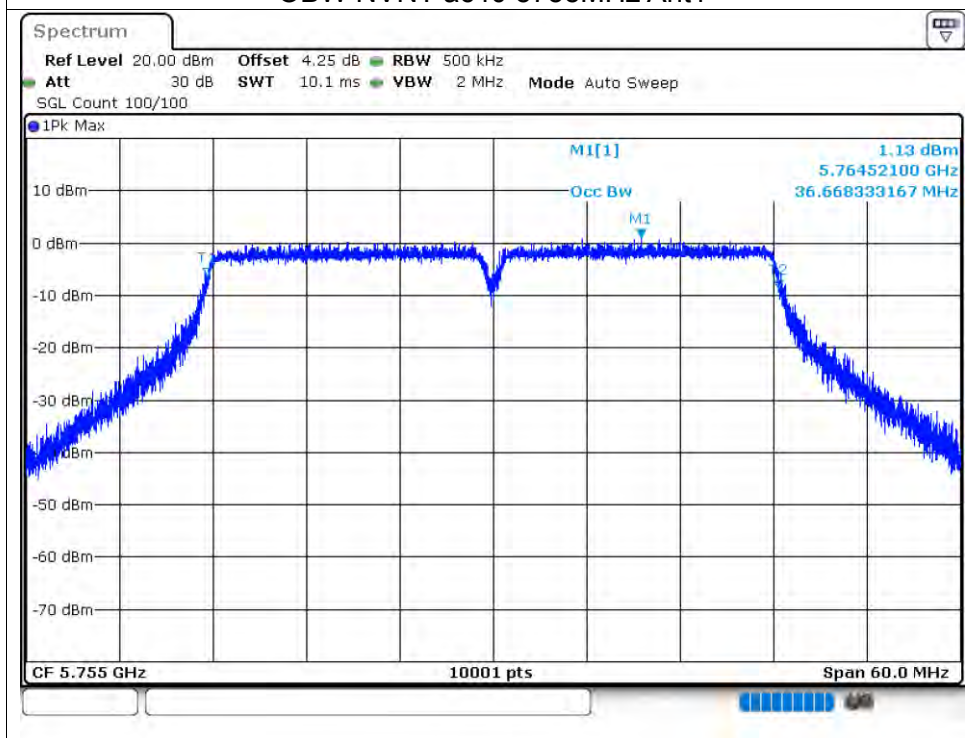
OBW NVNT ac20 5785MHz Ant1



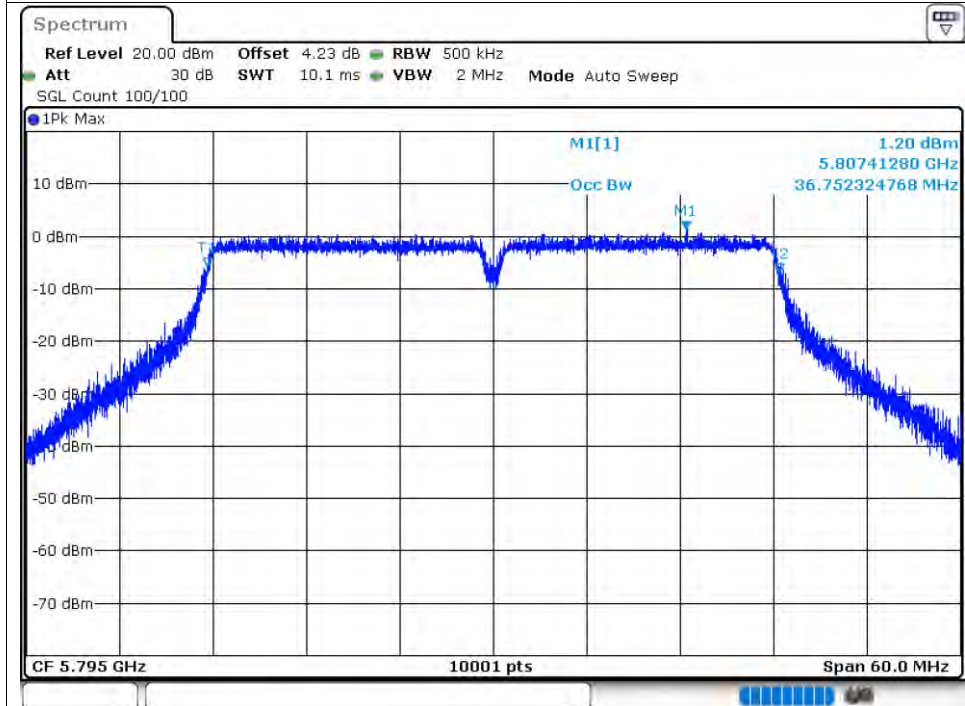
OBW NVNT ac20 5825MHz Ant1



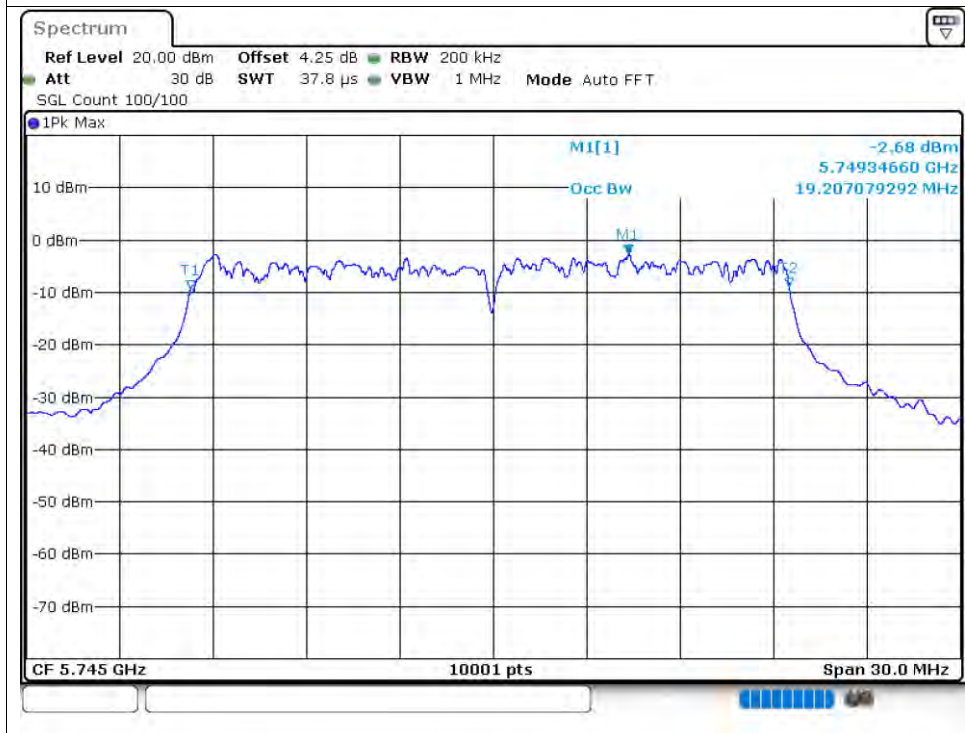
OBW NVNT ac40 5755MHz Ant1



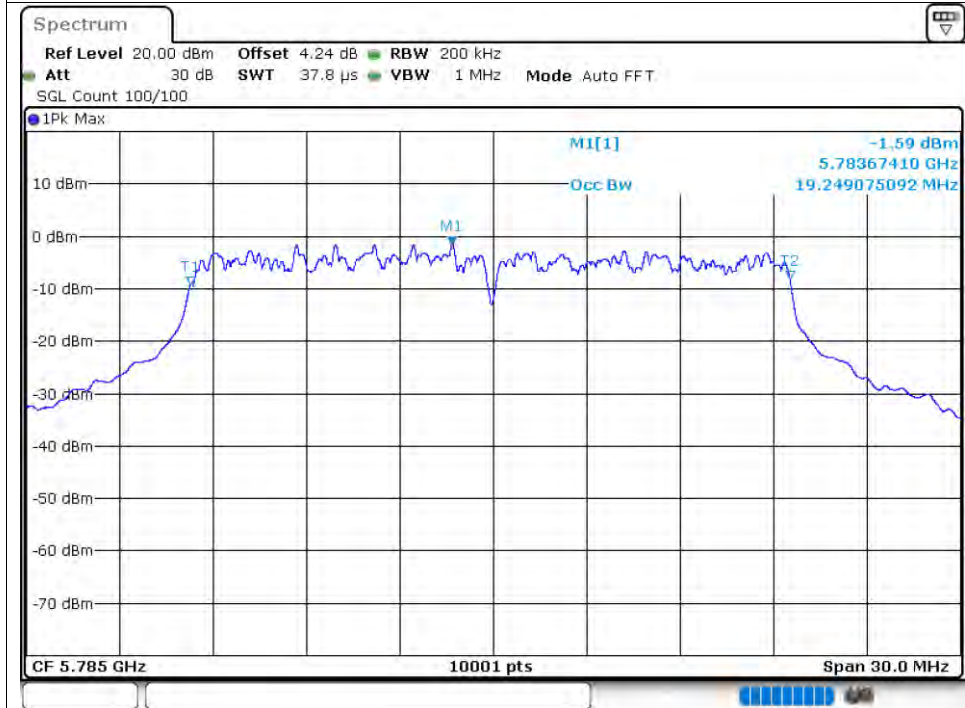
OBW NVNT ac40 5795MHz Ant1



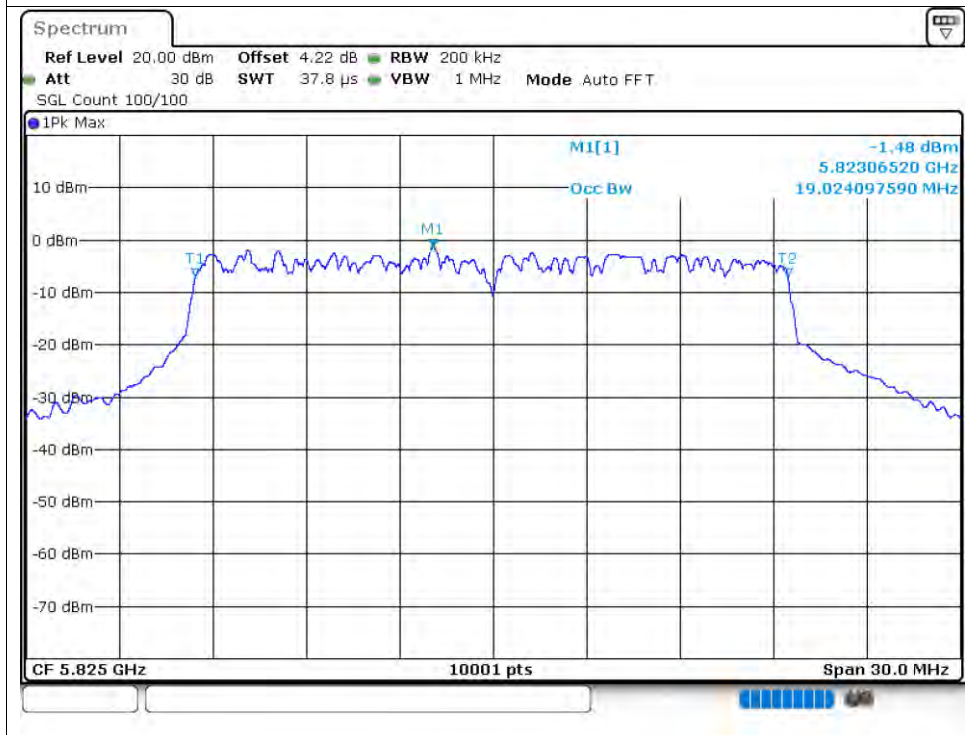
OBW NVNT ax20 5745MHz Ant1



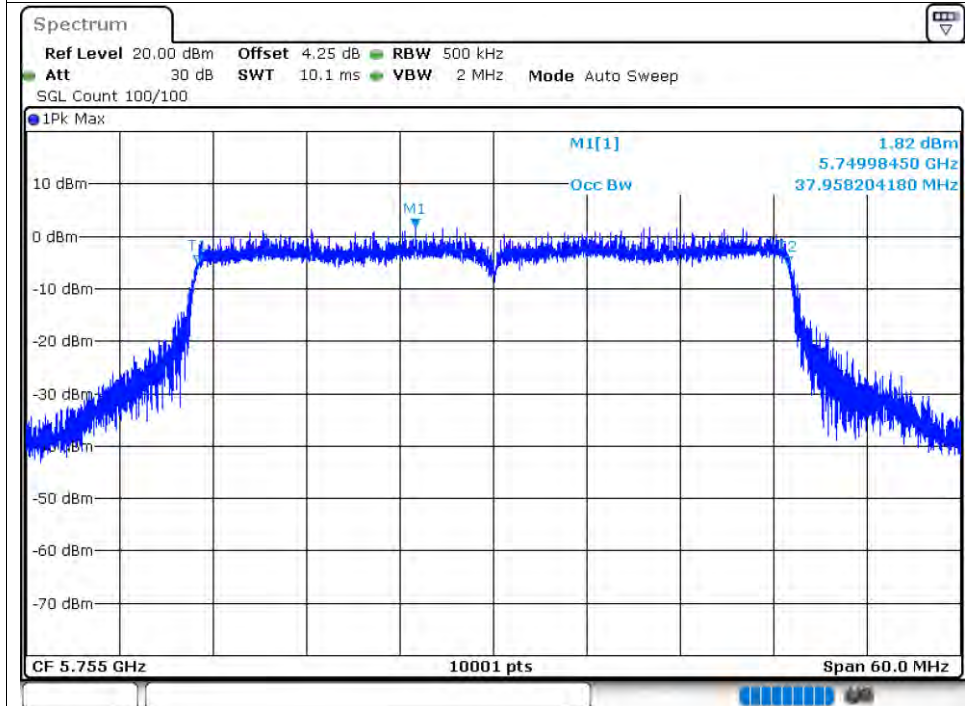
OBW NVNT ax20 5785MHz Ant1



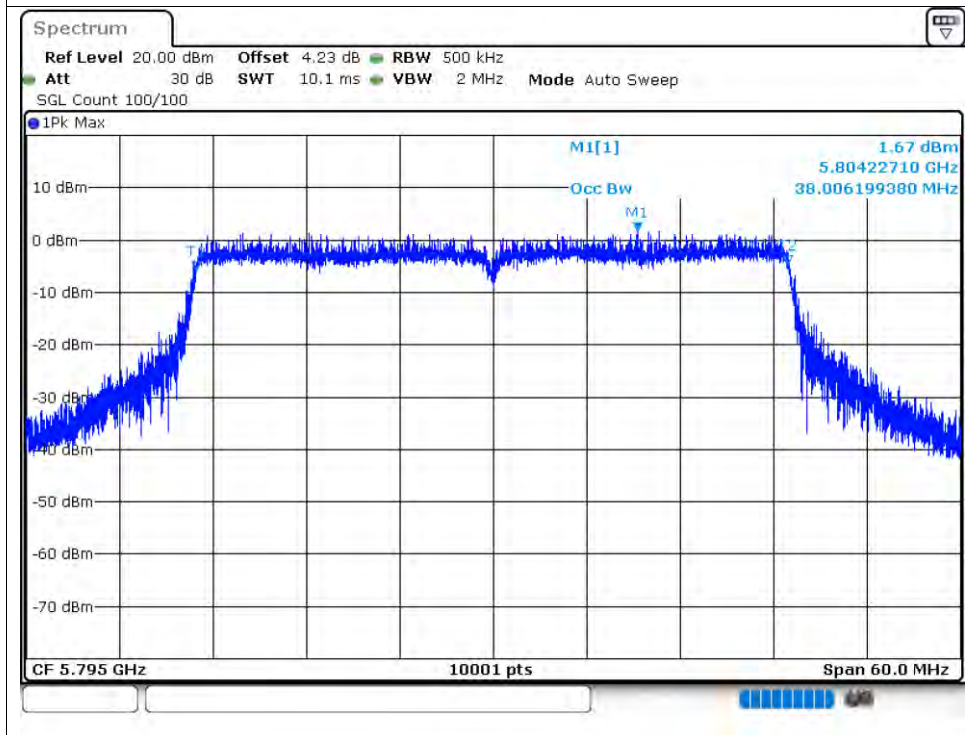
OBW NVNT ax20 5825MHz Ant1



OBW NVNT ax40 5755MHz Ant1



OBW NVNT ax40 5795MHz Ant1

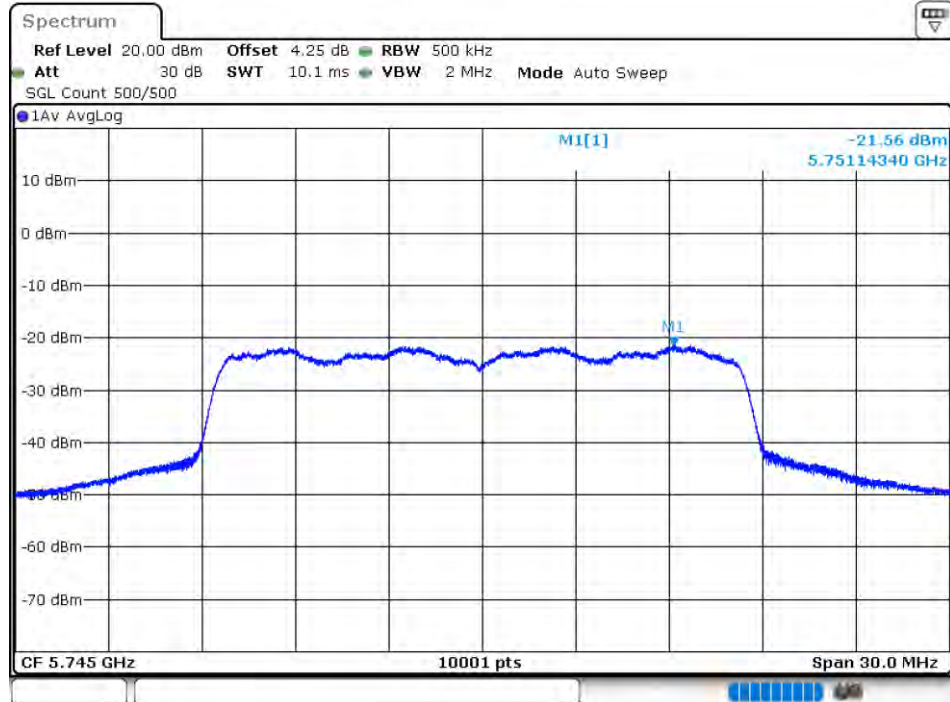


5.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

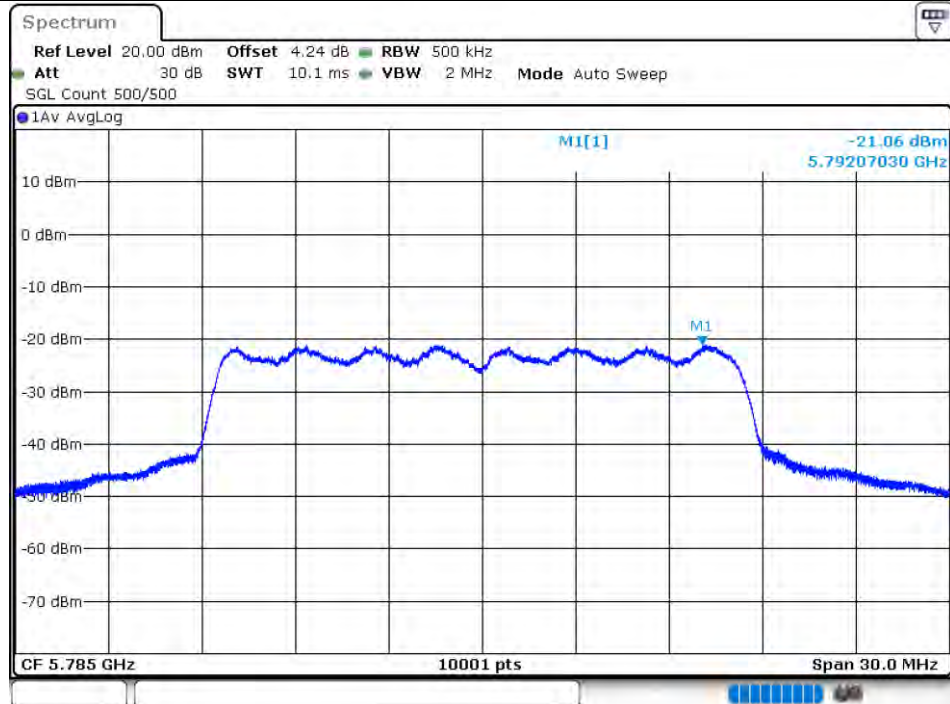
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-21.56	1.74	-19.82	30	Pass
NVNT	a	5785	Ant1	-21.06	1.75	-19.31	30	Pass
NVNT	a	5825	Ant1	-21.56	1.76	-19.8	30	Pass
NVNT	n20	5745	Ant1	-23.33	1.83	-21.5	30	Pass
NVNT	n20	5785	Ant1	-23.04	1.86	-21.18	30	Pass
NVNT	n20	5825	Ant1	-22.48	1.82	-20.66	30	Pass
NVNT	n40	5755	Ant1	-29.72	3.19	-26.53	30	Pass
NVNT	n40	5795	Ant1	-30.53	3.18	-27.35	30	Pass
NVNT	ac20	5745	Ant1	-23.1	1.84	-21.26	30	Pass
NVNT	ac20	5785	Ant1	-22.81	1.88	-20.93	30	Pass
NVNT	ac20	5825	Ant1	-22.45	1.83	-20.62	30	Pass
NVNT	ac40	5755	Ant1	-25.9	3.13	-22.77	30	Pass
NVNT	ac40	5795	Ant1	-22.22	3.16	-19.06	30	Pass
NVNT	ax20	5745	Ant1	-26.73	2.24	-24.49	30	Pass
NVNT	ax20	5785	Ant1	-26.61	2.3	-24.31	30	Pass
NVNT	ax20	5825	Ant1	-25.98	2.25	-23.73	30	Pass
NVNT	ax40	5755	Ant1	-35.79	3.66	-32.13	30	Pass
NVNT	ax40	5795	Ant1	-36.01	3.63	-32.38	30	Pass

Test Graphs

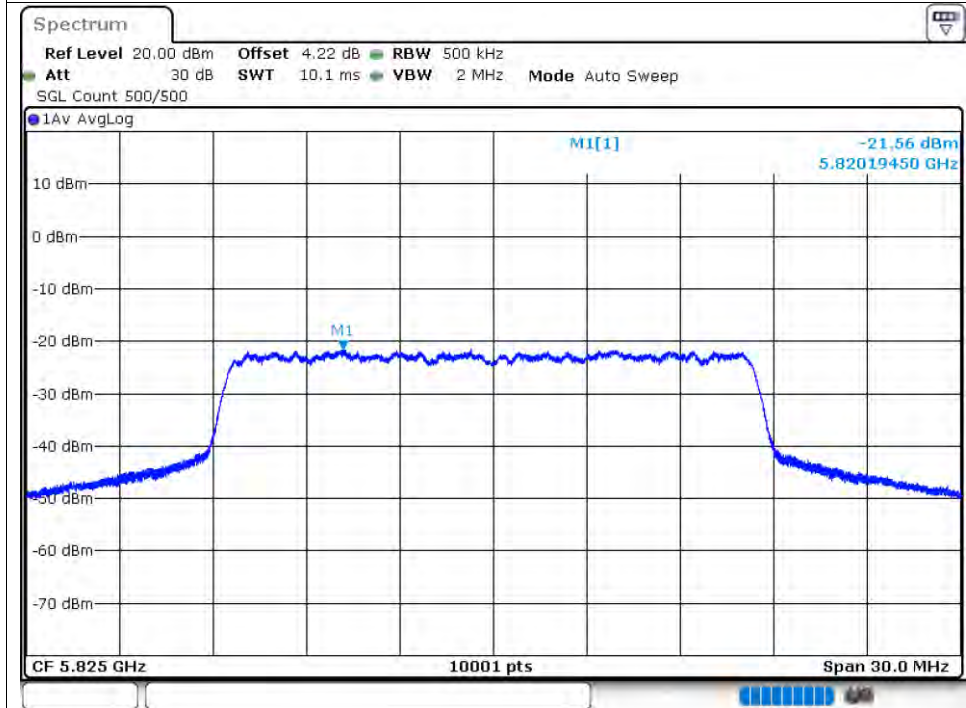
PSD NVNT a 5745MHz Ant1



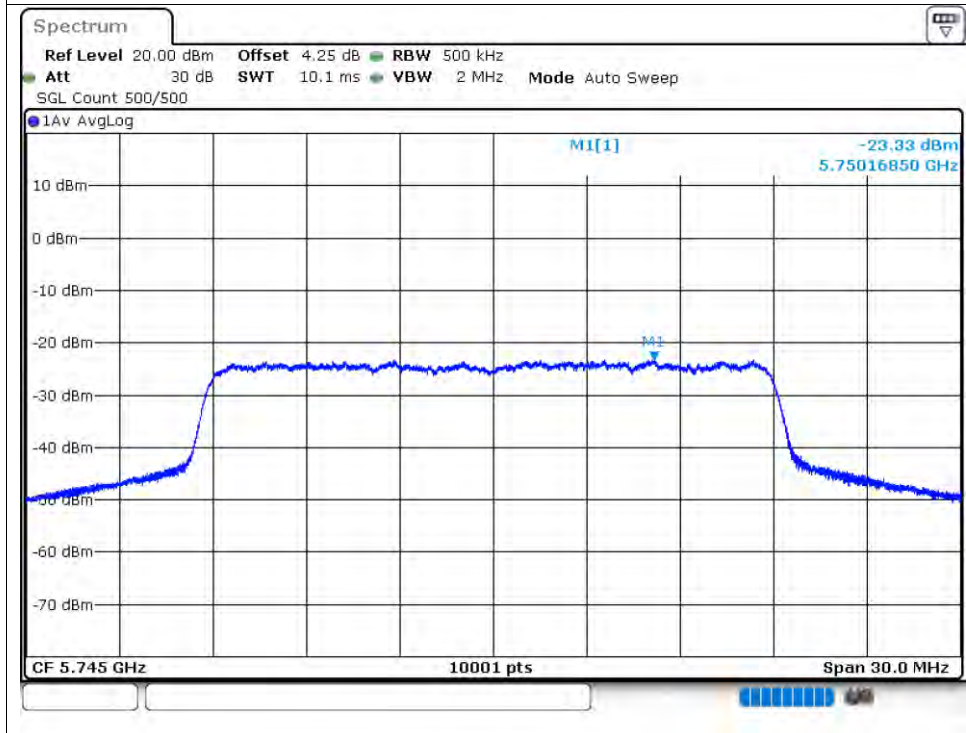
PSD NVNT a 5785MHz Ant1



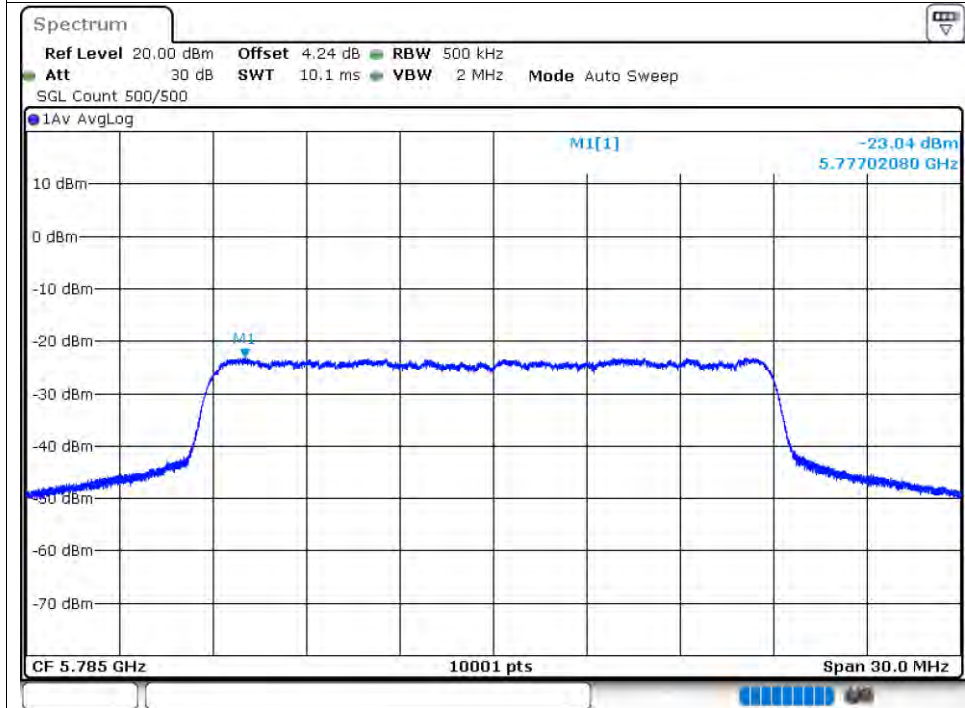
PSD NVNT a 5825MHz Ant1



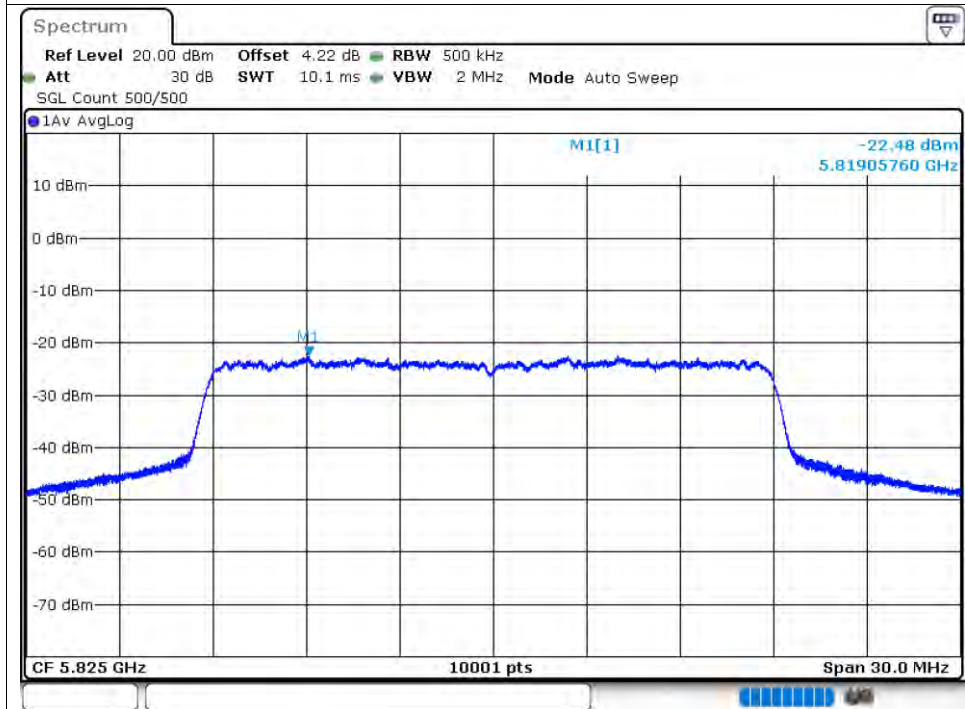
PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



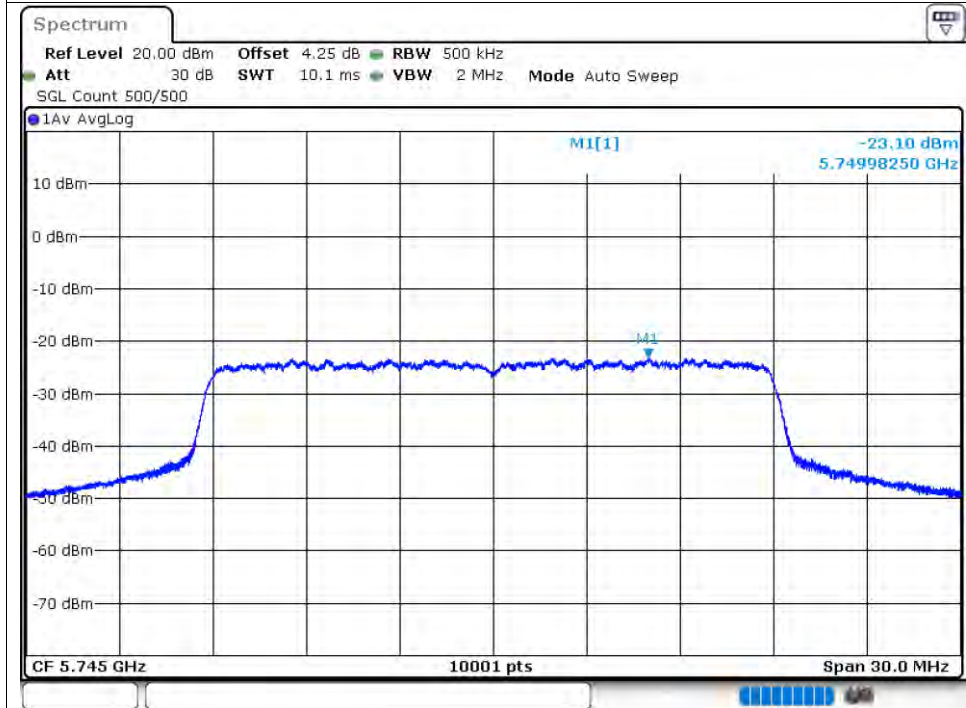
PSD NVNT n40 5755MHz Ant1



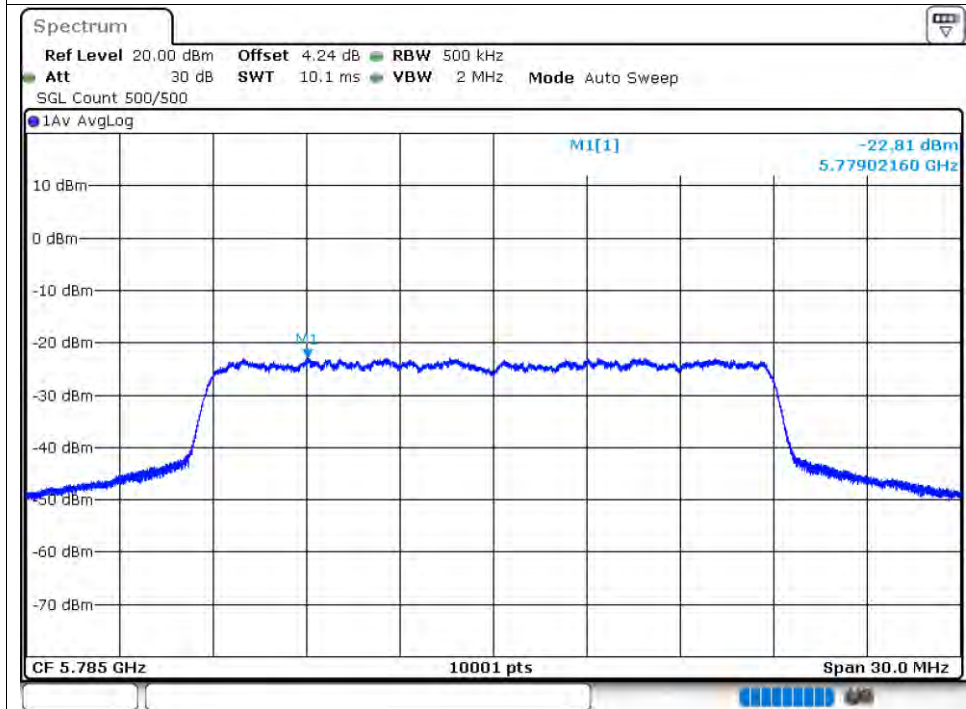
PSD NVNT n40 5795MHz Ant1



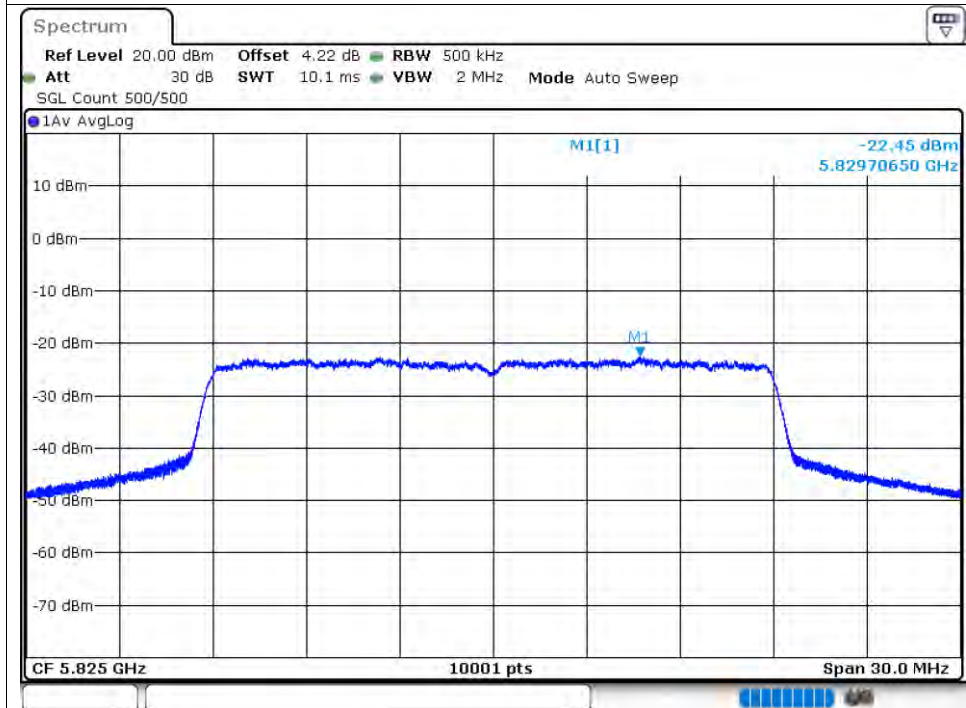
PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1



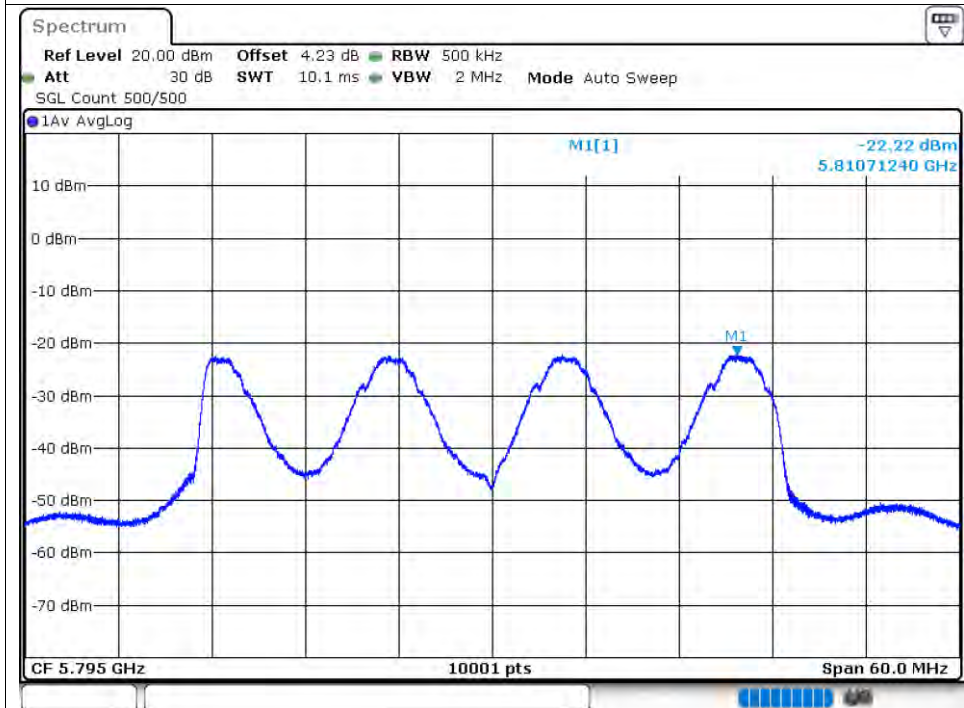
PSD NVNT ac20 5825MHz Ant1



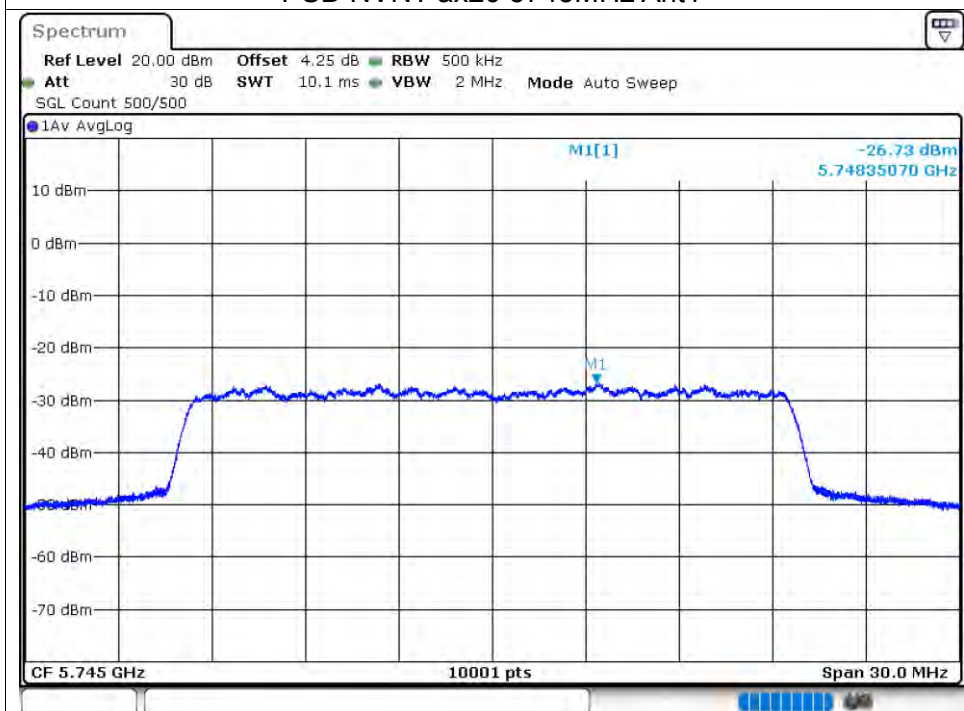
PSD NVNT ac40 5755MHz Ant1



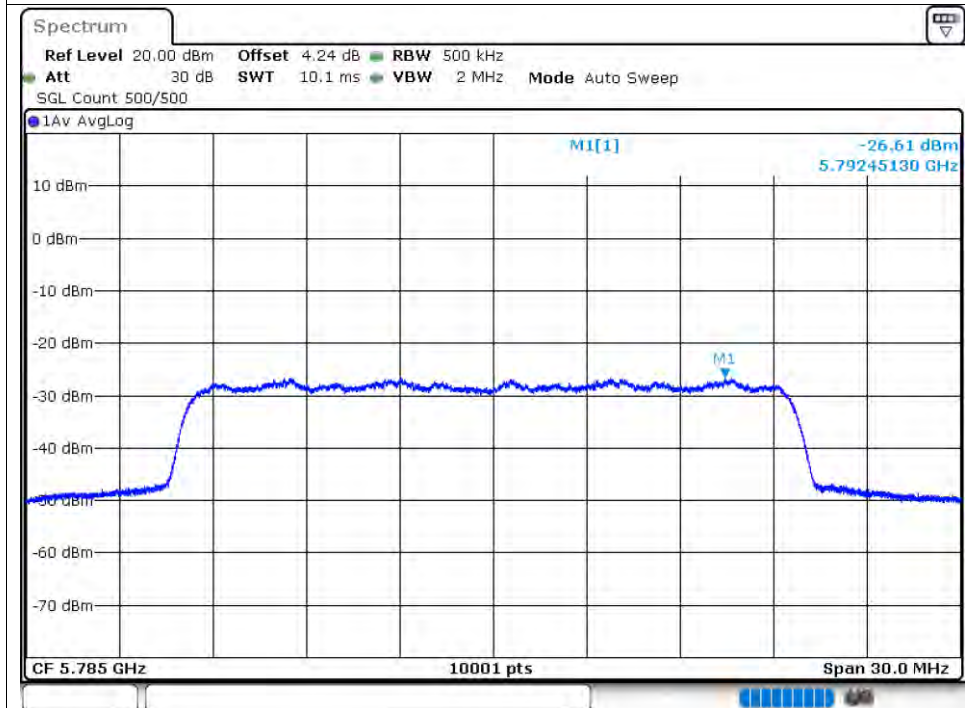
PSD NVNT ac40 5795MHz Ant1



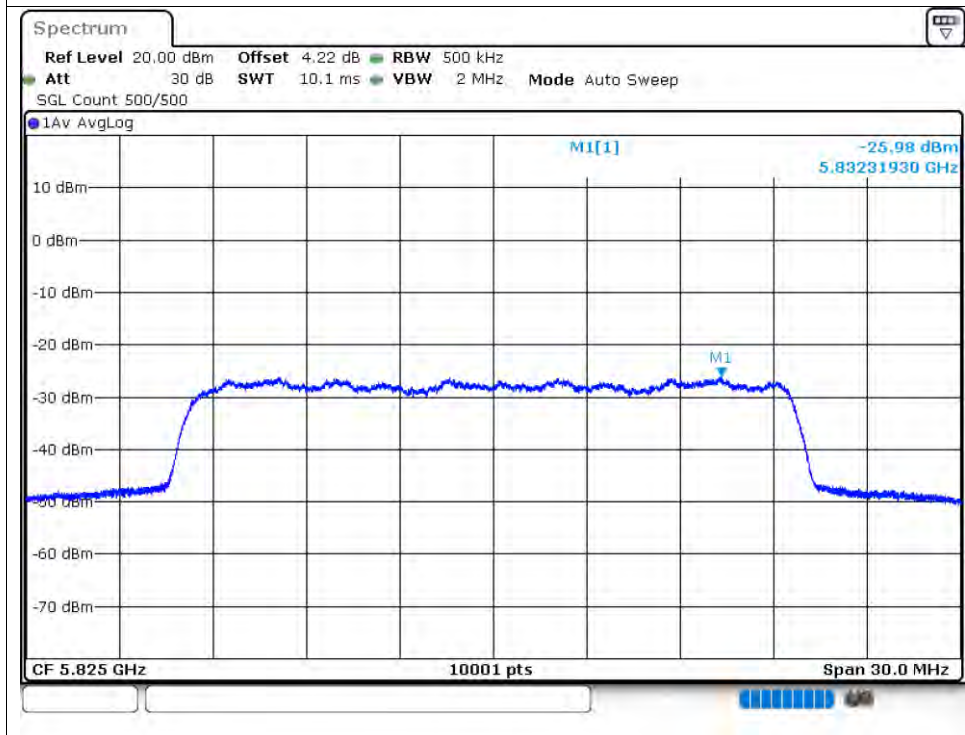
PSD NVNT ax20 5745MHz Ant1



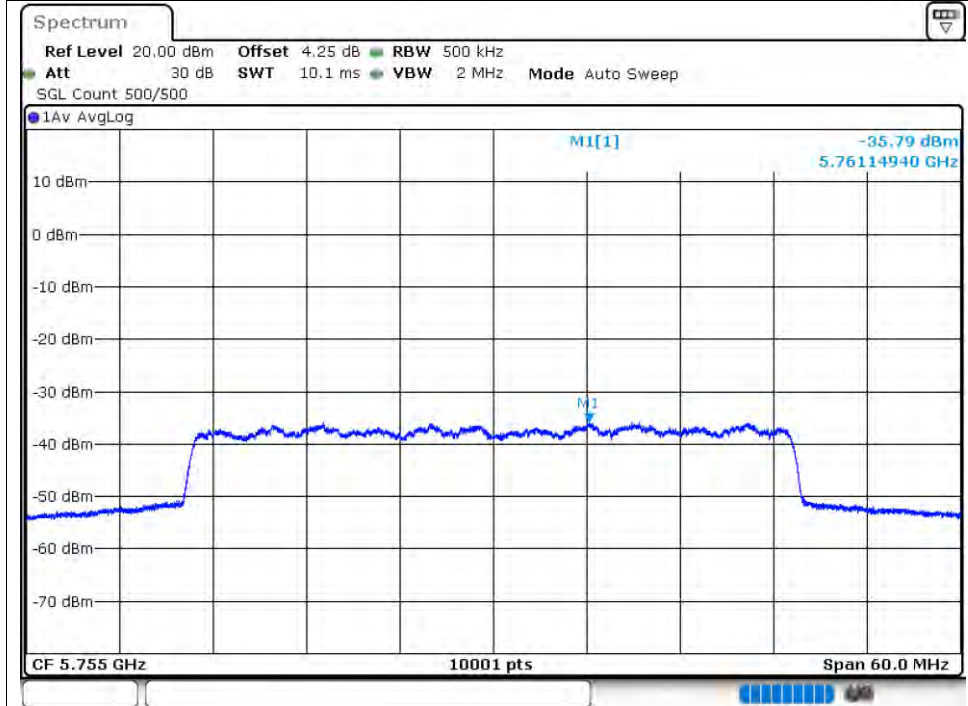
PSD NVNT ax20 5785MHz Ant1



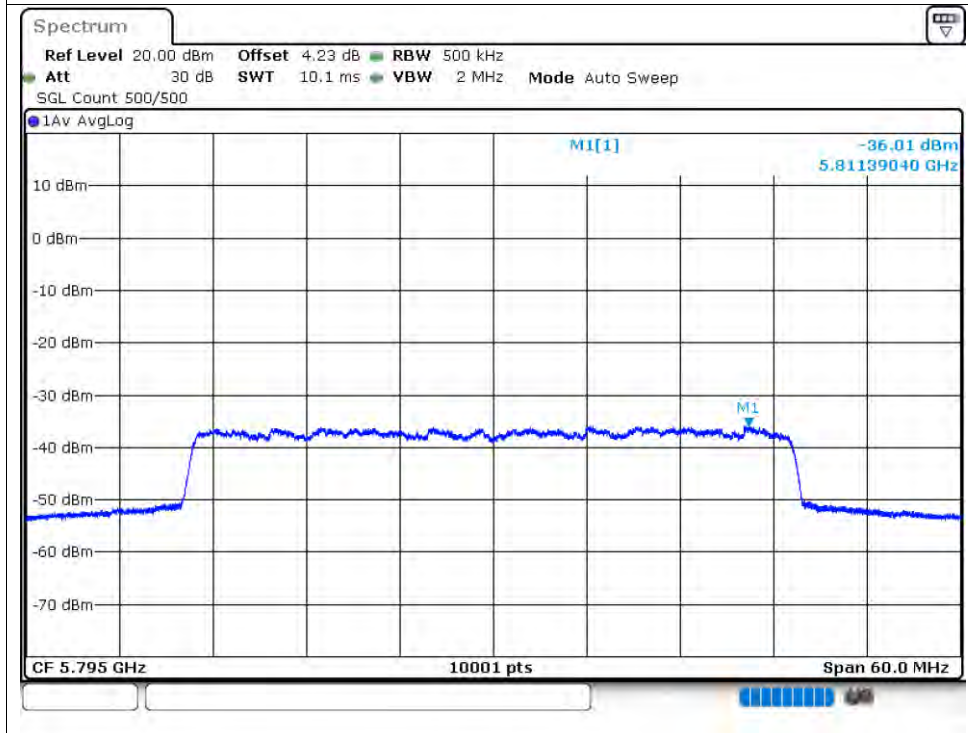
PSD NVNT ax20 5825MHz Ant1



PSD NVNT ax40 5755MHz Ant1



PSD NVNT ax40 5795MHz Ant1

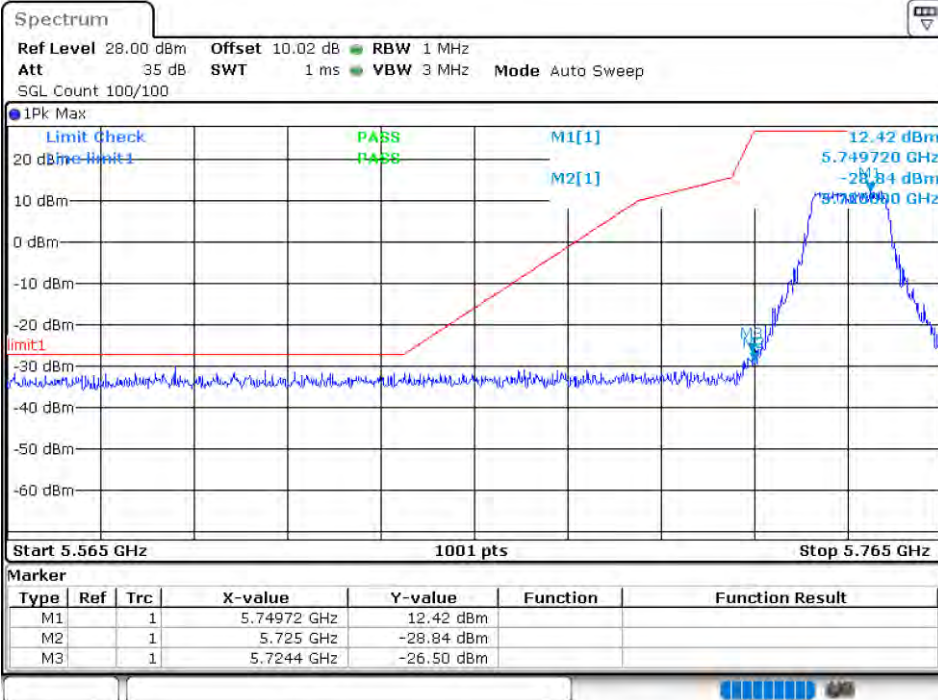


5.6 BAND EDGE

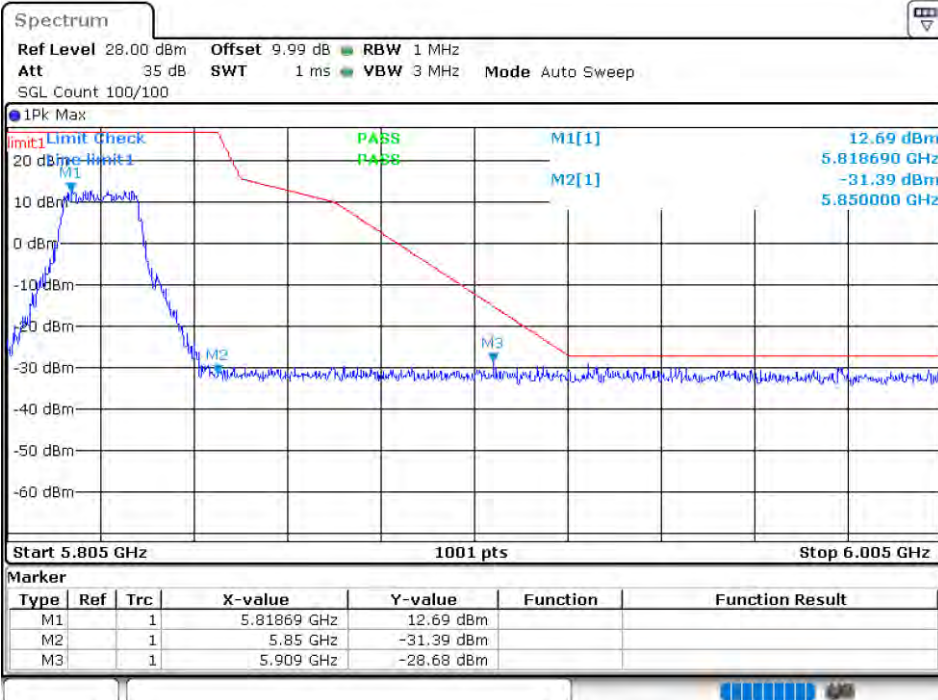
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-26.5	Pass
NVNT	a	5825	Ant1	-28.68	Pass
NVNT	n20	5745	Ant1	-27.82	Pass
NVNT	n20	5825	Ant1	-28.47	Pass
NVNT	n40	5755	Ant1	-28.37	Pass
NVNT	n40	5795	Ant1	-29.01	Pass
NVNT	ac20	5745	Ant1	-25.29	Pass
NVNT	ac20	5825	Ant1	-27.72	Pass
NVNT	ac40	5755	Ant1	-29.26	Pass
NVNT	ac40	5795	Ant1	-28.66	Pass
NVNT	ax20	5745	Ant1	-25.43	Pass
NVNT	ax20	5825	Ant1	-29.01	Pass
NVNT	ax40	5755	Ant1	-23.54	Pass
NVNT	ax40	5795	Ant1	-28.81	Pass

Test Graphs

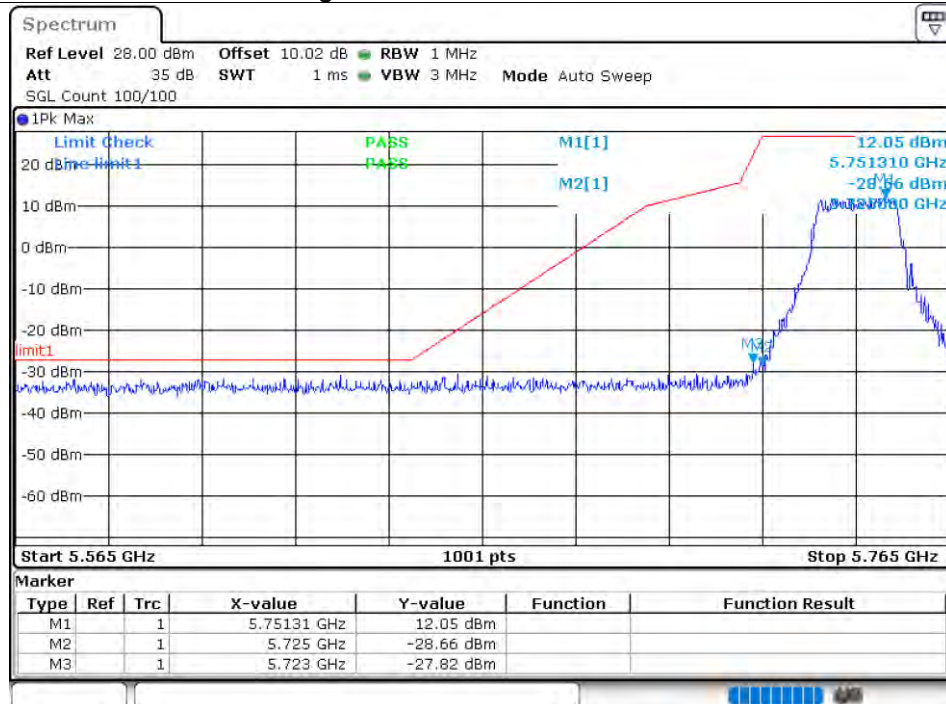
Band Edge NVNT a 5745MHz Low Ant1



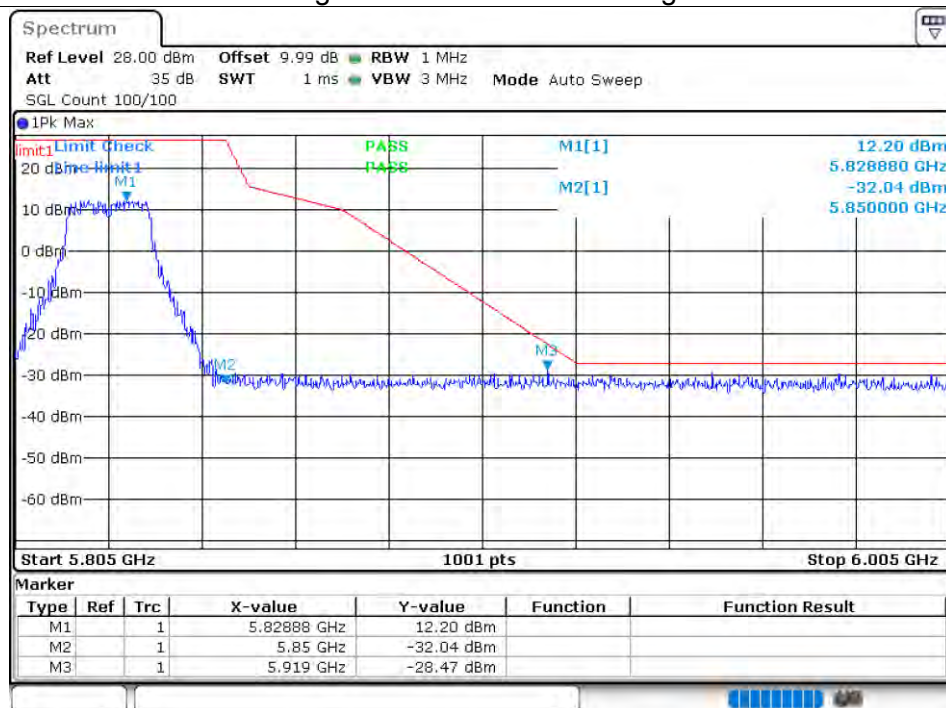
Band Edge NVNT a 5825MHz High Ant1



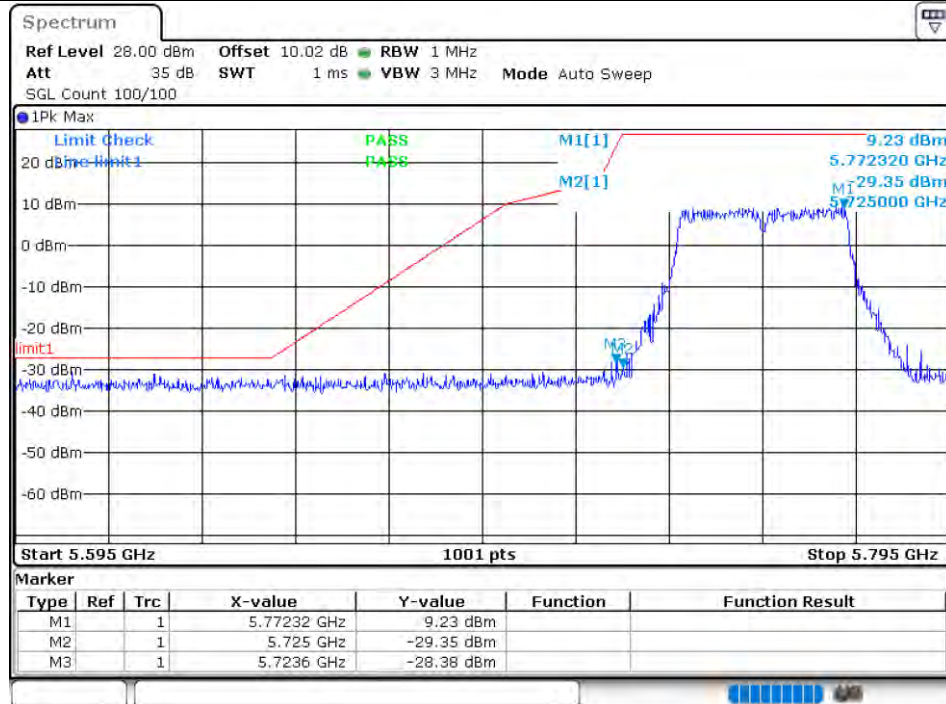
Band Edge NVNT n20 5745MHz Low Ant1



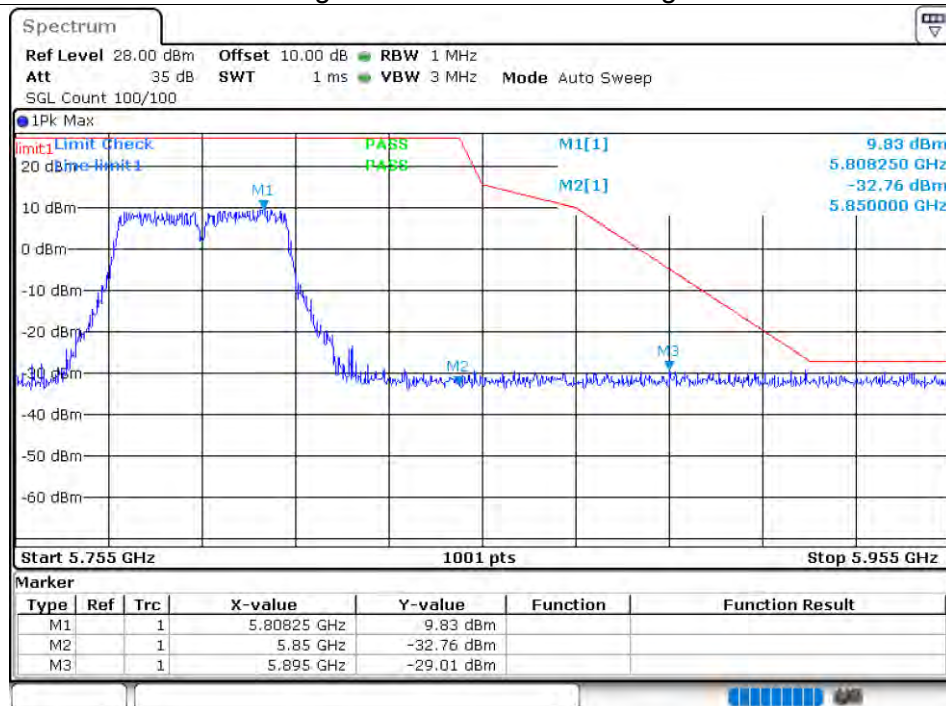
Band Edge NVNT n20 5825MHz High Ant1



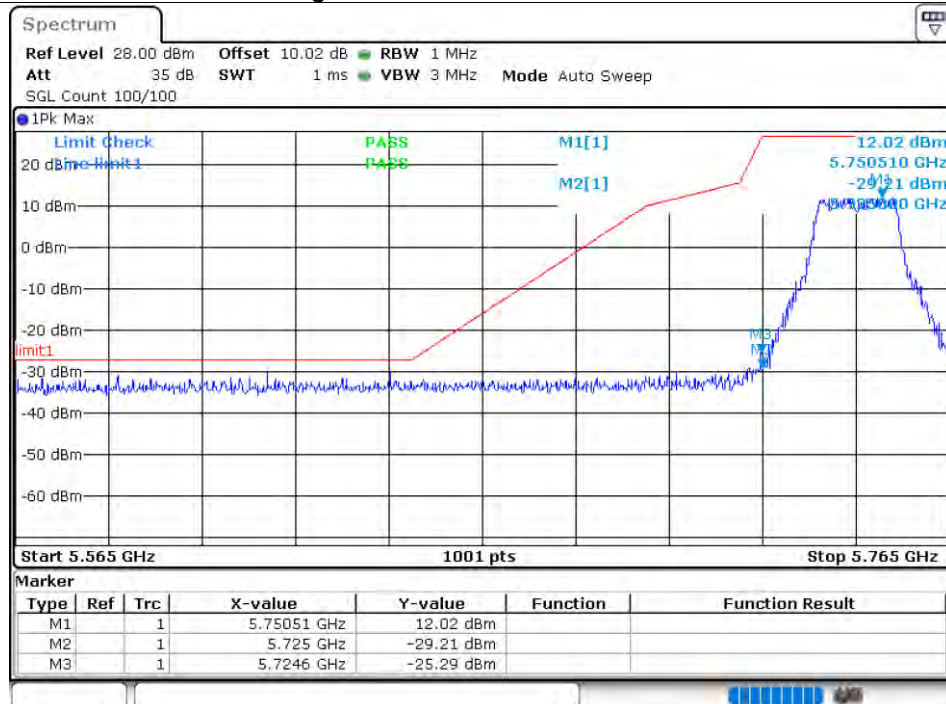
Band Edge NVNT n40 5755MHz Low Ant1



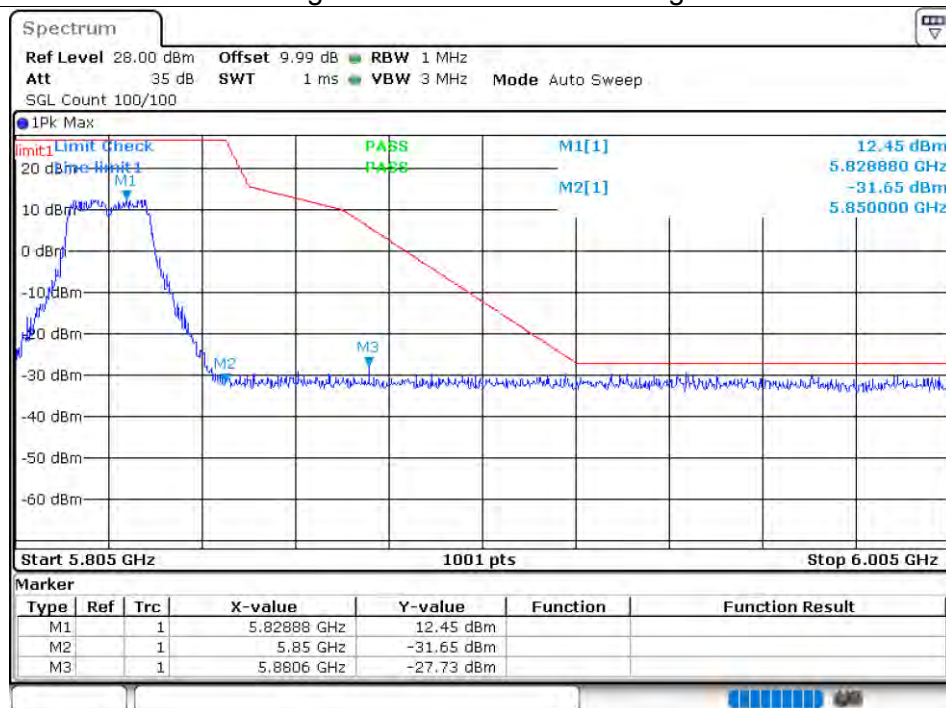
Band Edge NVNT n40 5795MHz High Ant1



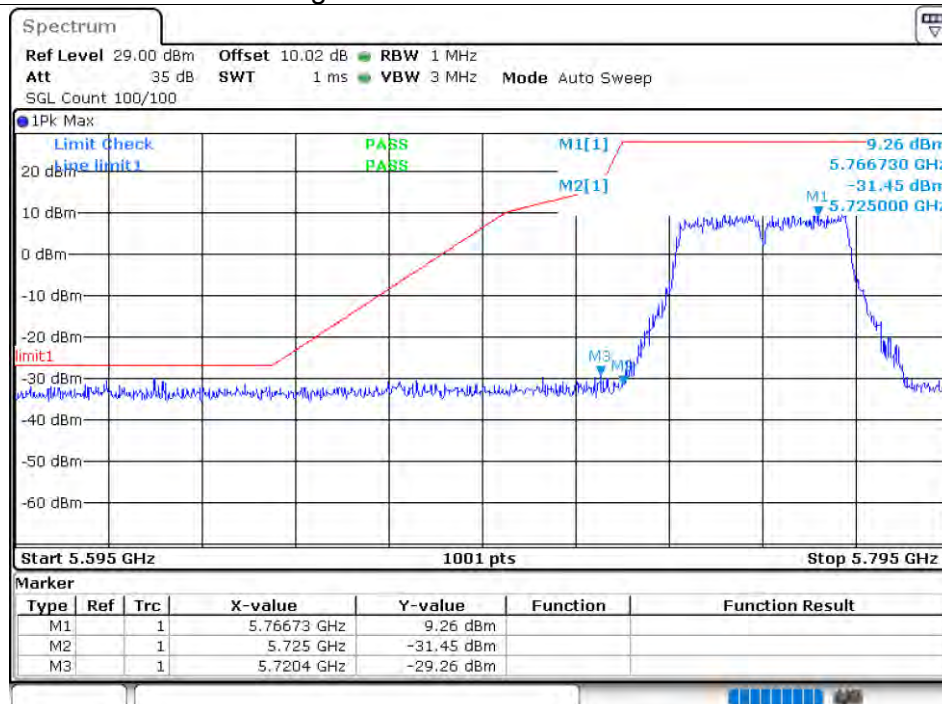
Band Edge NVNT ac20 5745MHz Low Ant1



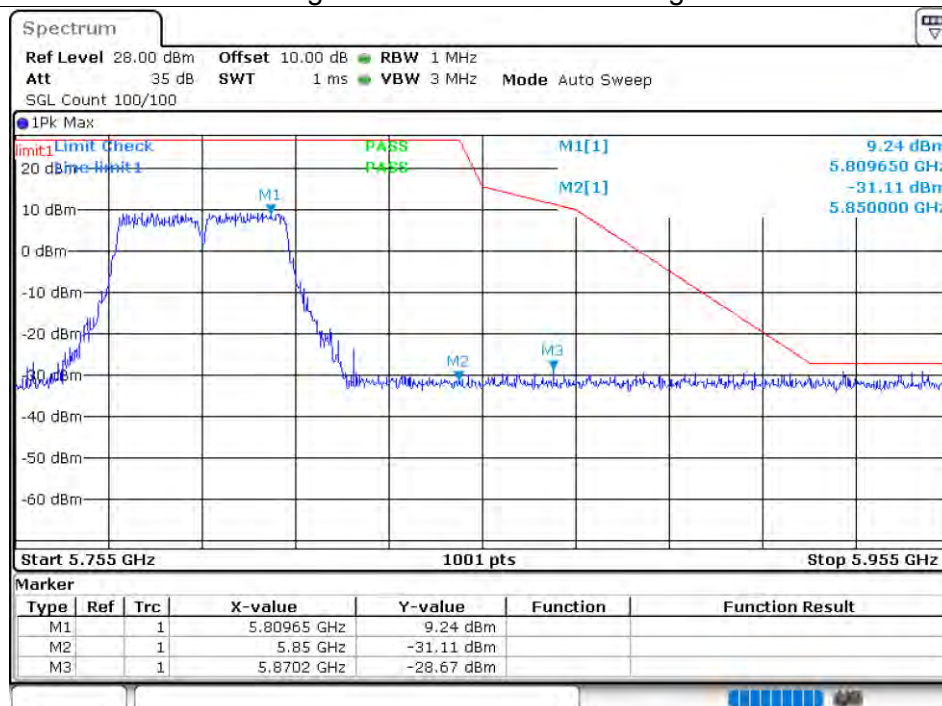
Band Edge NVNT ac20 5825MHz High Ant1



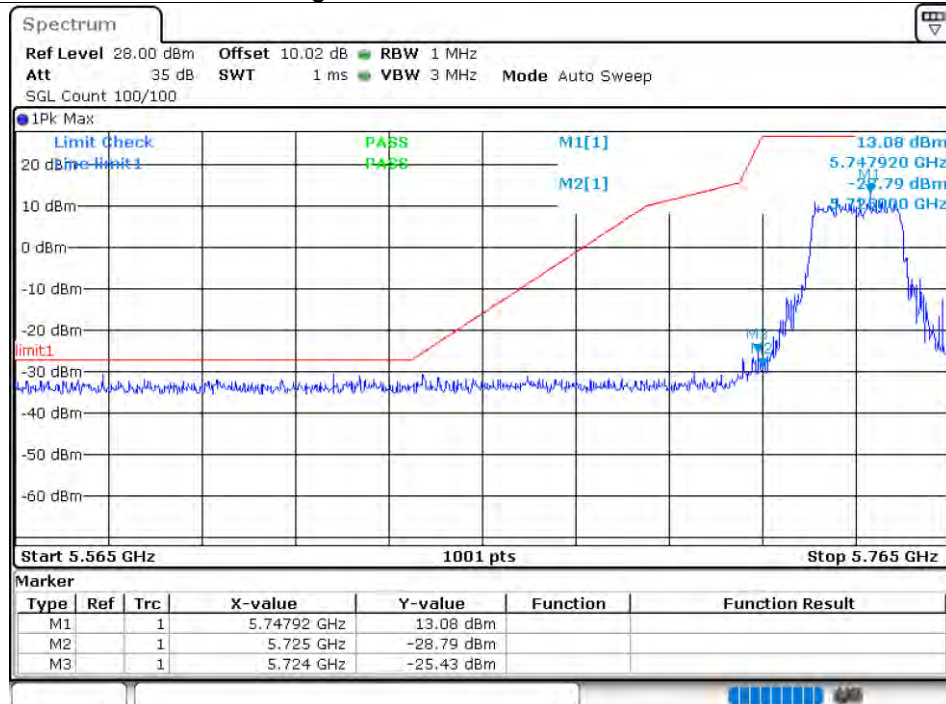
Band Edge NVNT ac40 5755MHz Low Ant1



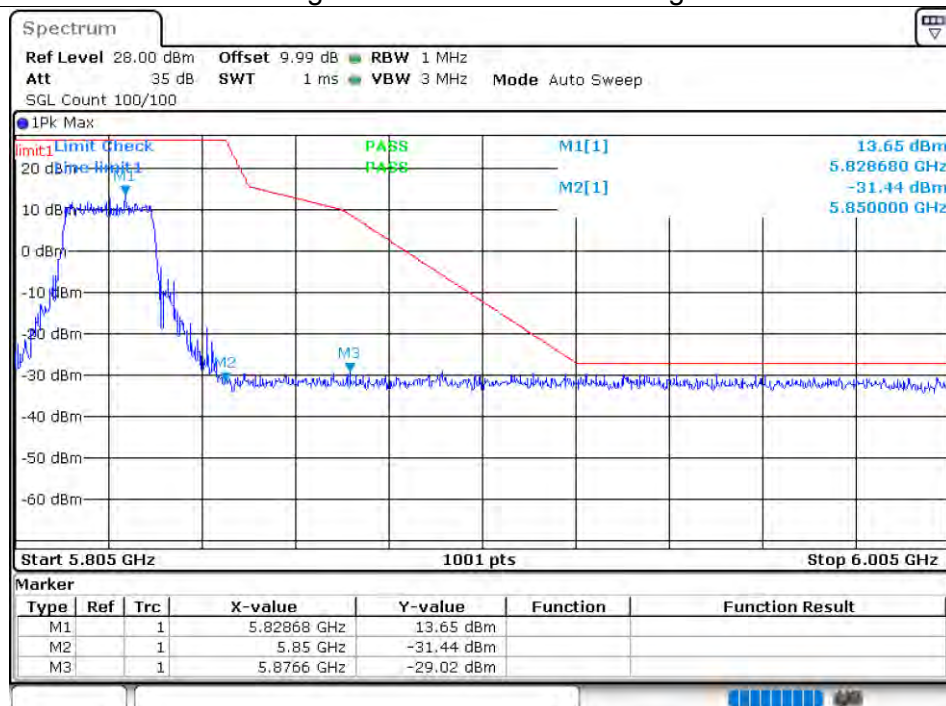
Band Edge NVNT ac40 5795MHz High Ant1



Band Edge NVNT ax20 5745MHz Low Ant1



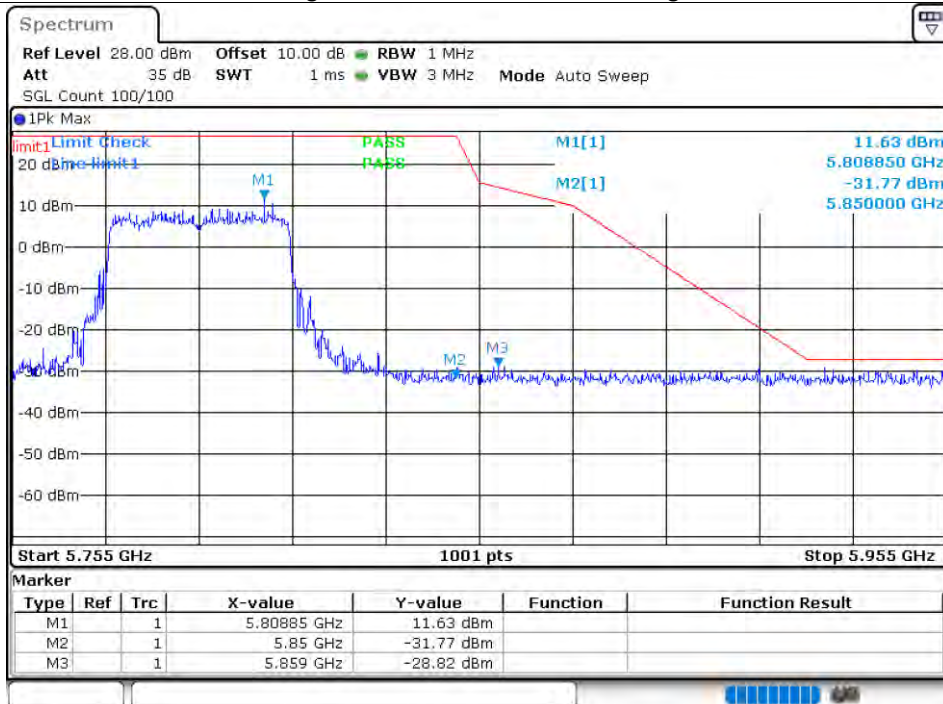
Band Edge NVNT ax20 5825MHz High Ant1



Band Edge NVNT ax40 5755MHz Low Ant1

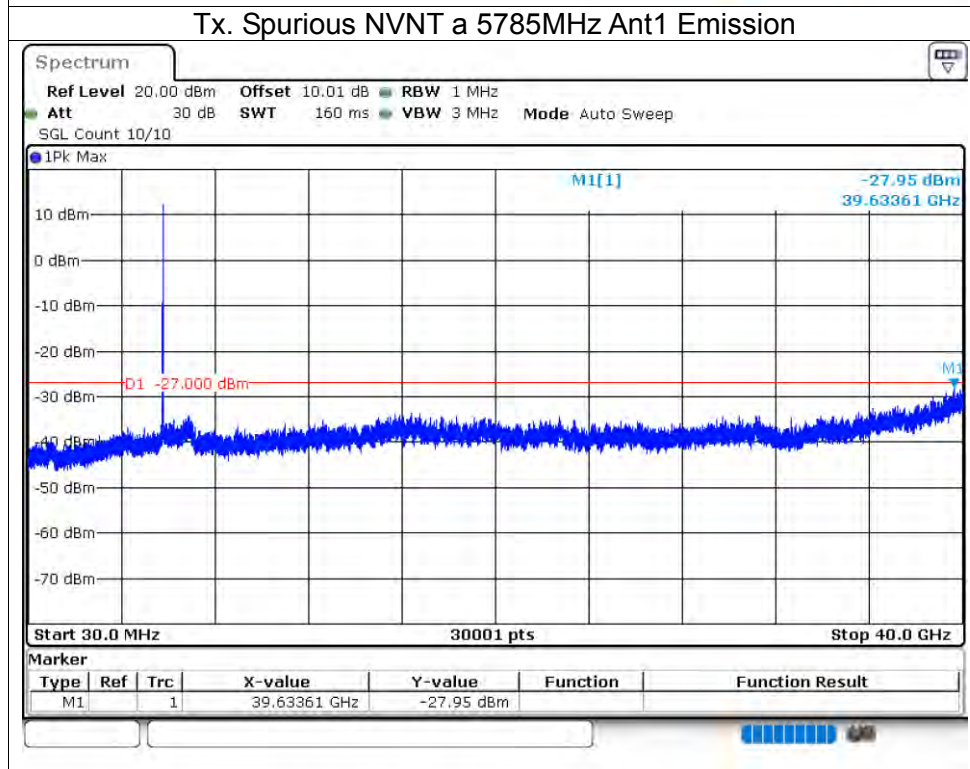
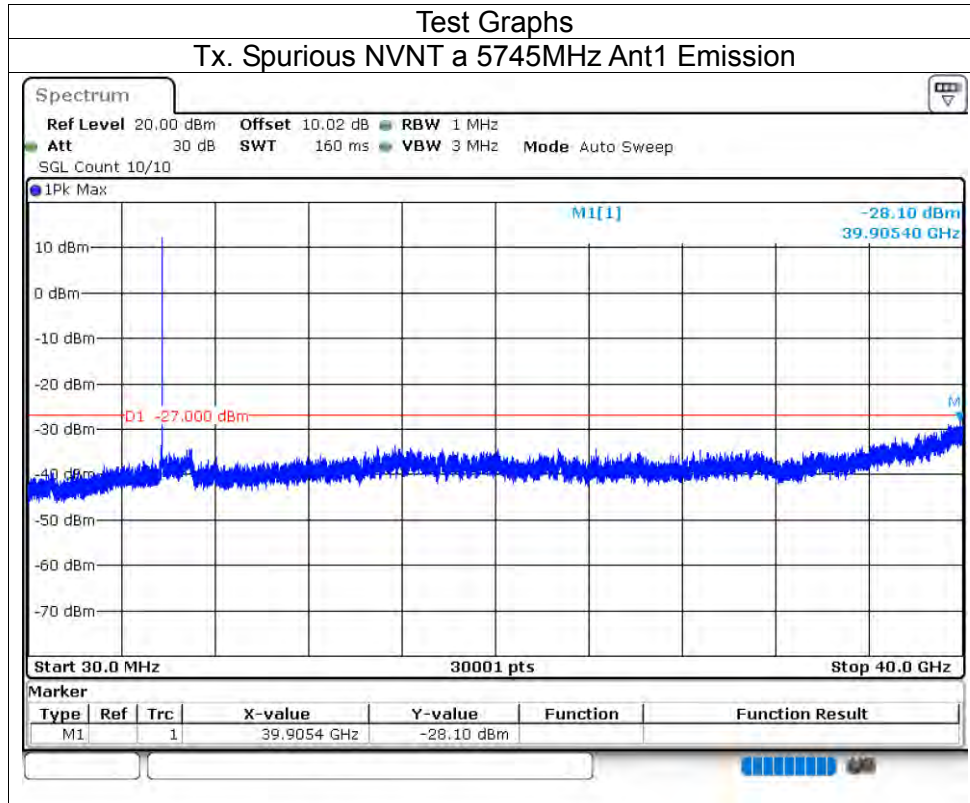


Band Edge NVNT ax40 5795MHz High Ant1

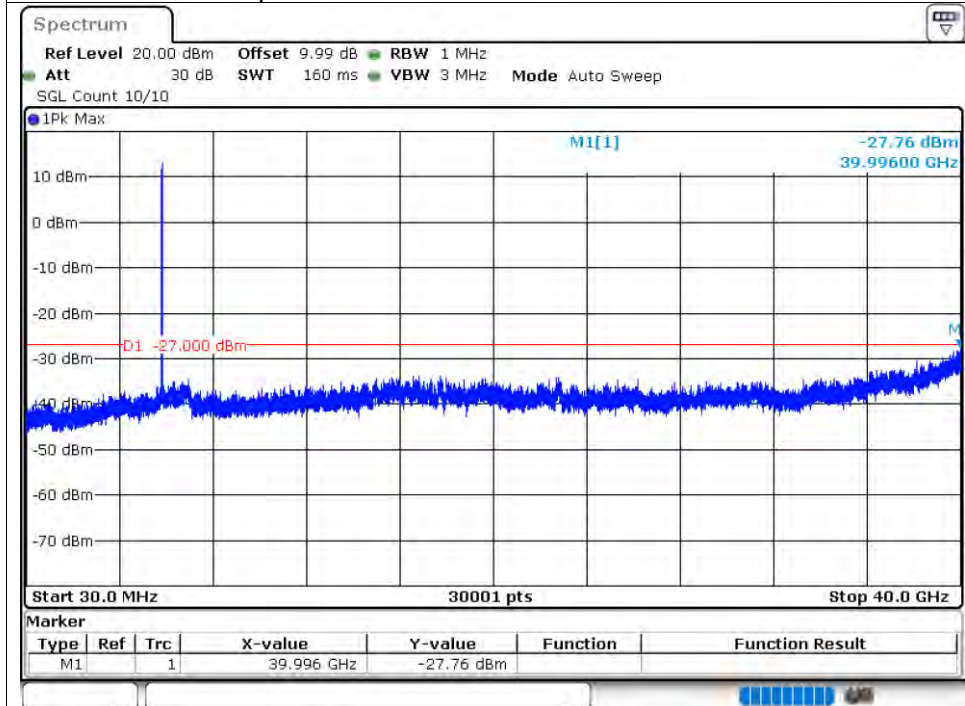


5.7 CONDUCTED RF SPURIOUS EMISSION

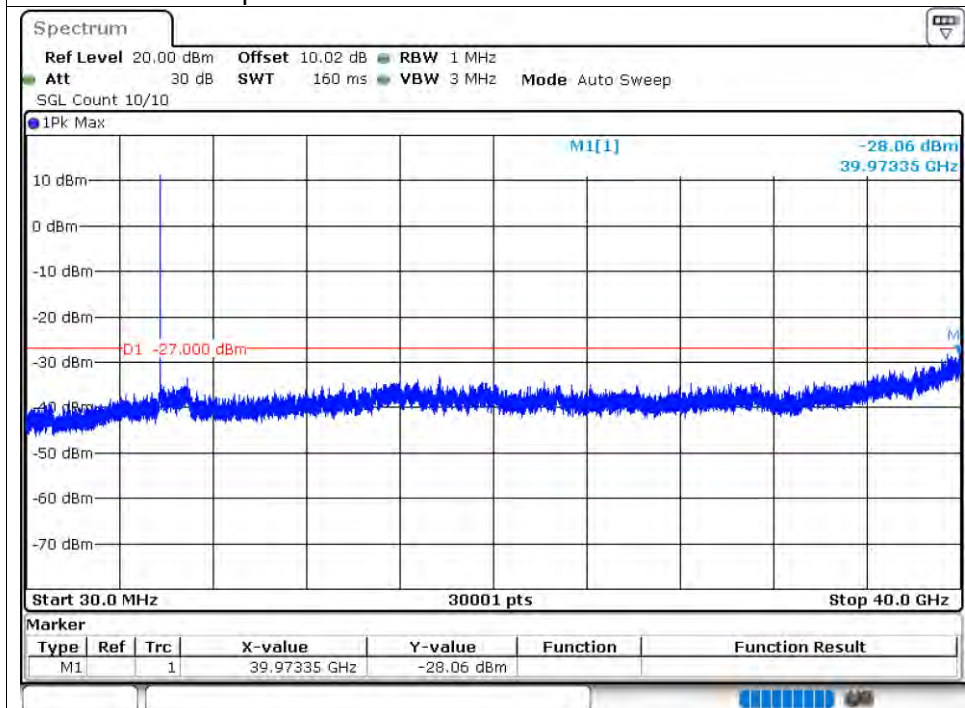
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-28.09	-27	Pass
NVNT	a	5785	Ant1	-27.95	-27	Pass
NVNT	a	5825	Ant1	-27.75	-27	Pass
NVNT	n20	5745	Ant1	-28.05	-27	Pass
NVNT	n20	5785	Ant1	-27.22	-27	Pass
NVNT	n20	5825	Ant1	-28.8	-27	Pass
NVNT	n40	5755	Ant1	-28.2	-27	Pass
NVNT	n40	5795	Ant1	-28.45	-27	Pass
NVNT	ac20	5745	Ant1	-27.54	-27	Pass
NVNT	ac20	5785	Ant1	-28.45	-27	Pass
NVNT	ac20	5825	Ant1	-27.99	-27	Pass
NVNT	ac40	5755	Ant1	-28.08	-27	Pass
NVNT	ac40	5795	Ant1	-28.2	-27	Pass
NVNT	ax20	5745	Ant1	-37.64	-27	Pass
NVNT	ax20	5785	Ant1	-27.75	-27	Pass
NVNT	ax20	5825	Ant1	-35.7	-27	Pass
NVNT	ax40	5755	Ant1	-28.15	-27	Pass
NVNT	ax40	5795	Ant1	-27.66	-27	Pass

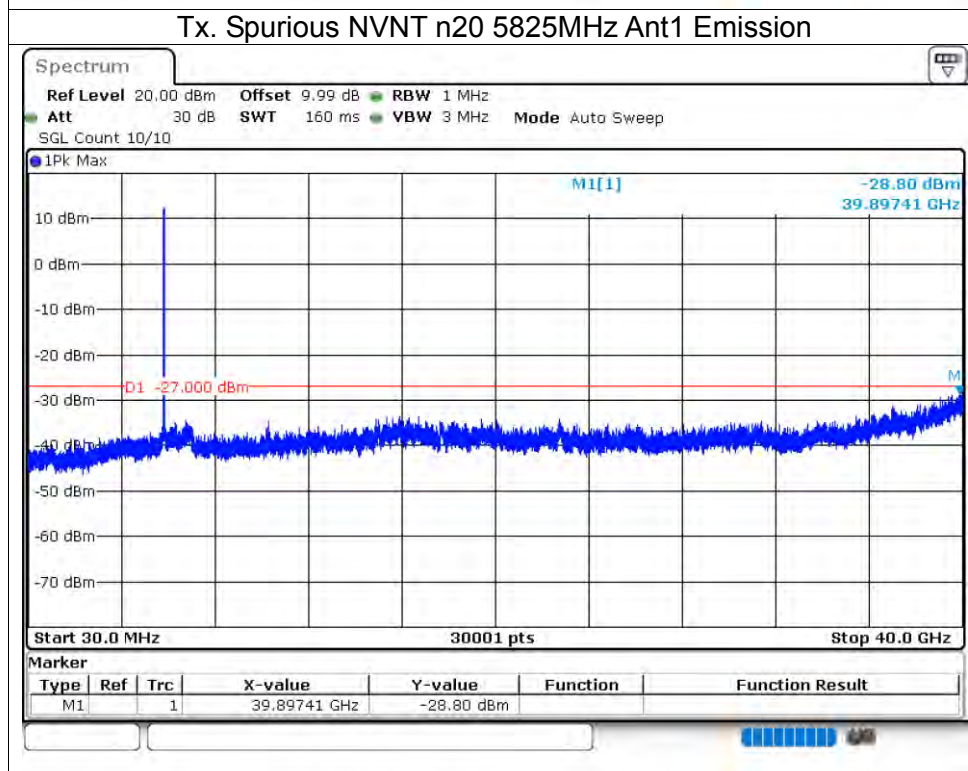
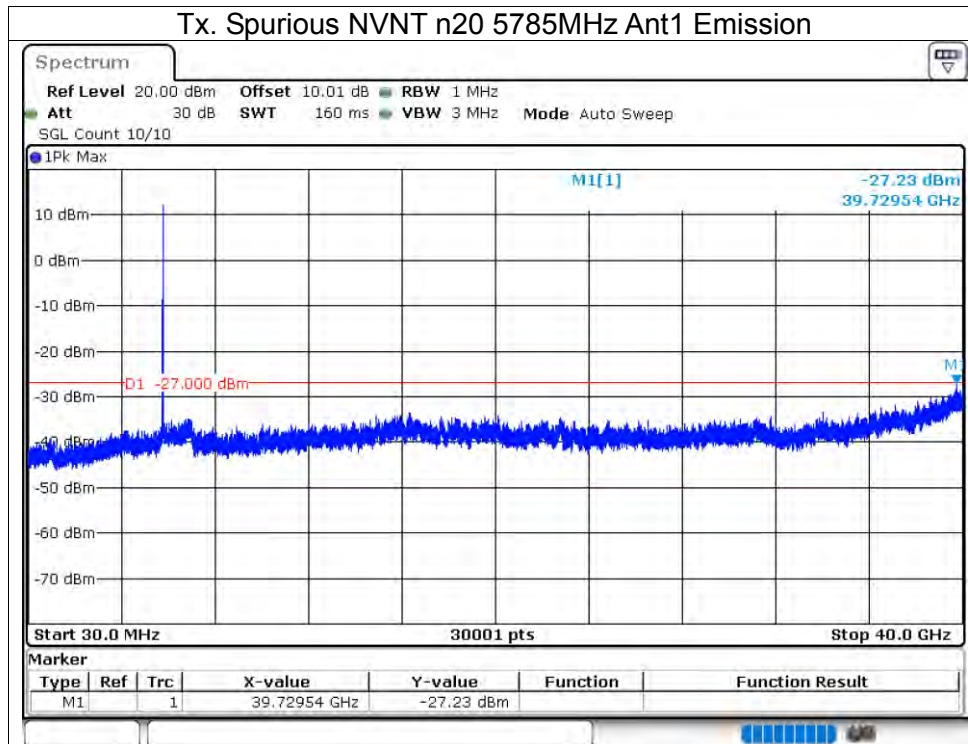


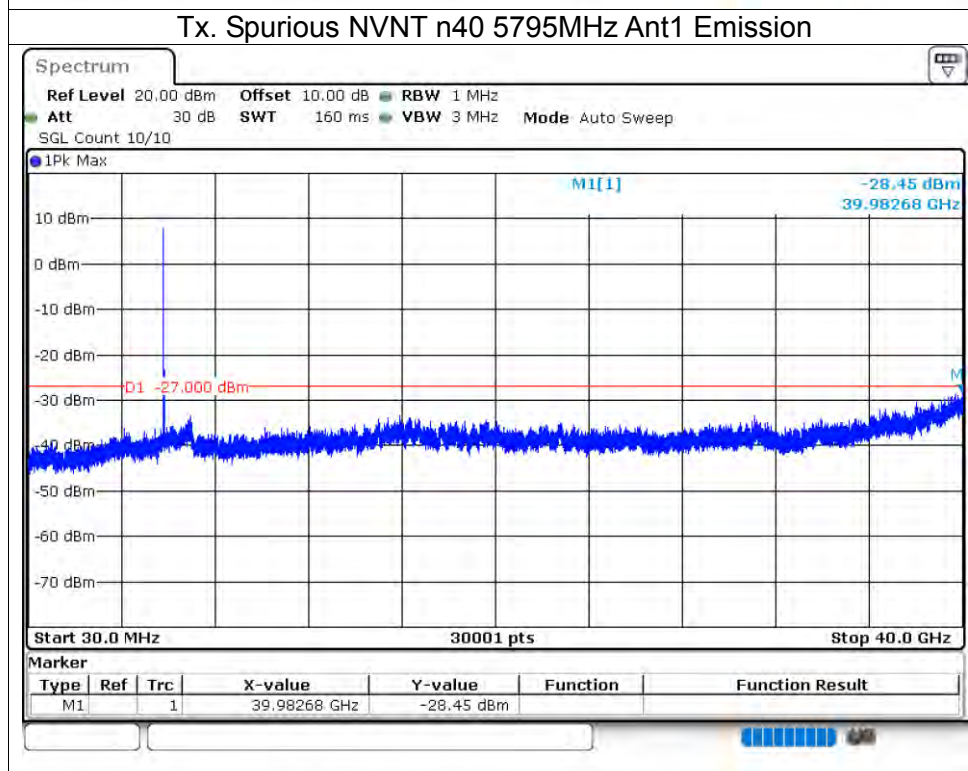
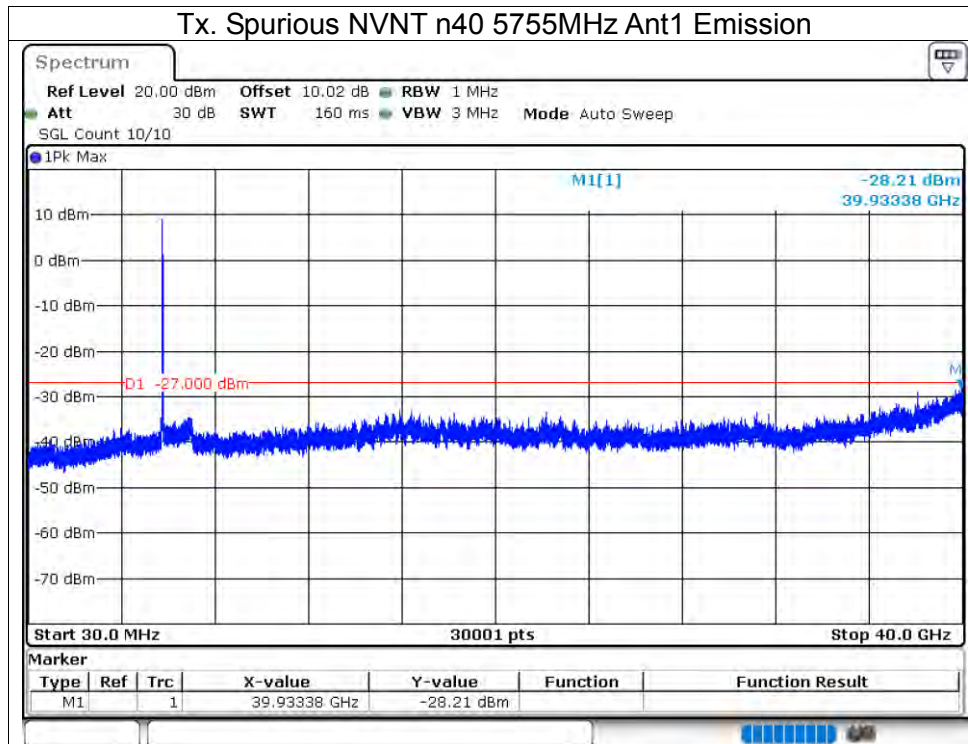
Tx. Spurious NVNT a 5825MHz Ant1 Emission

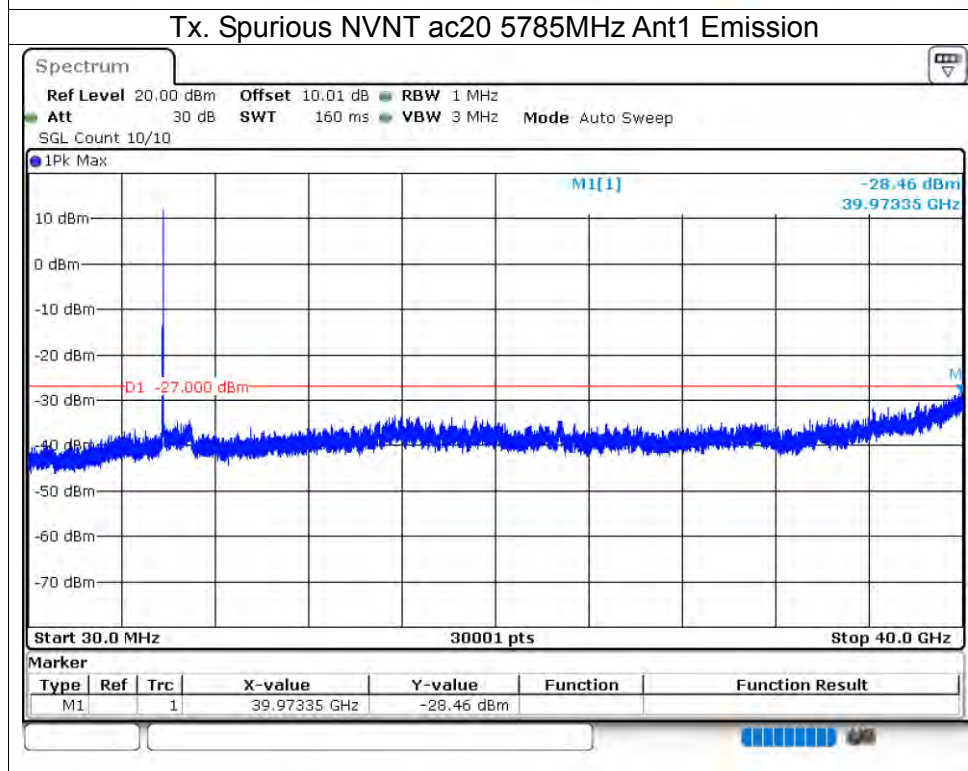
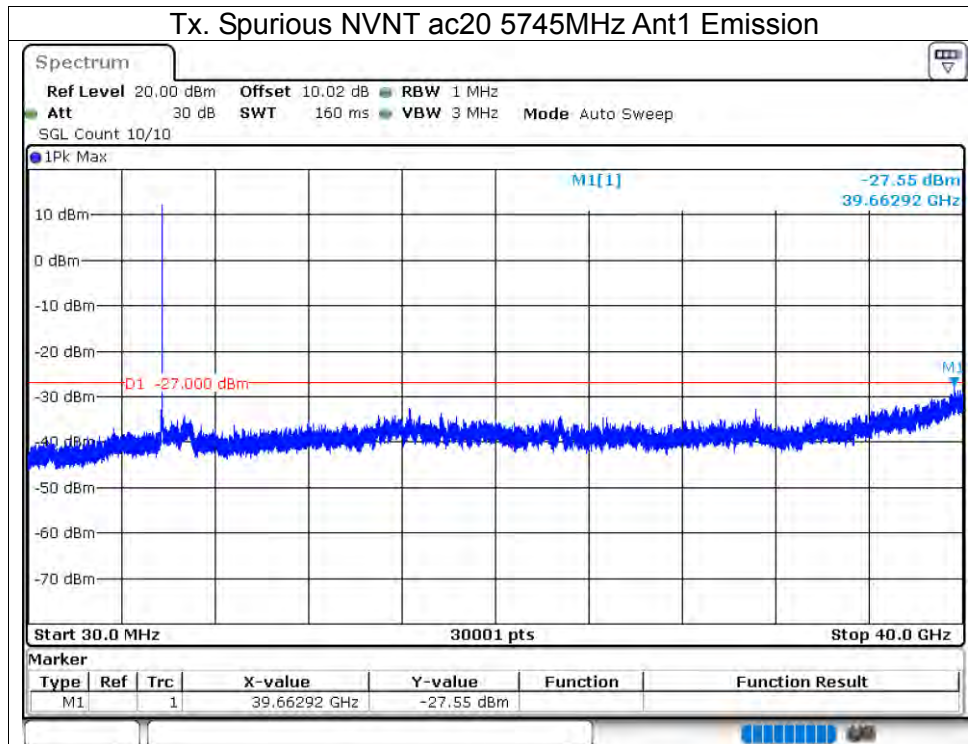


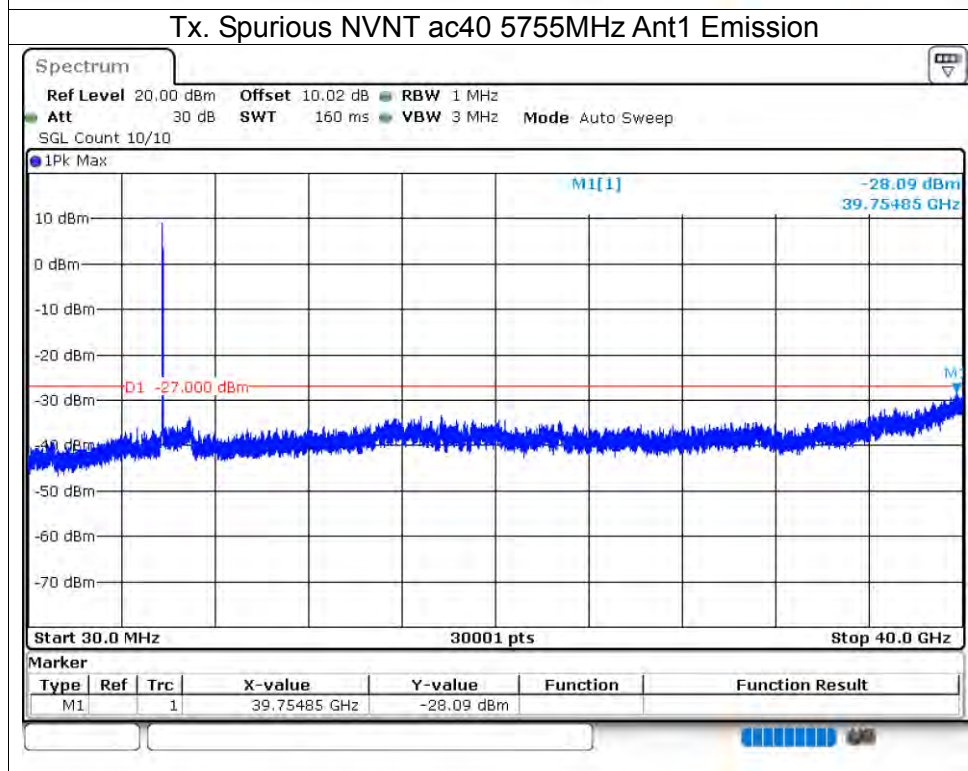
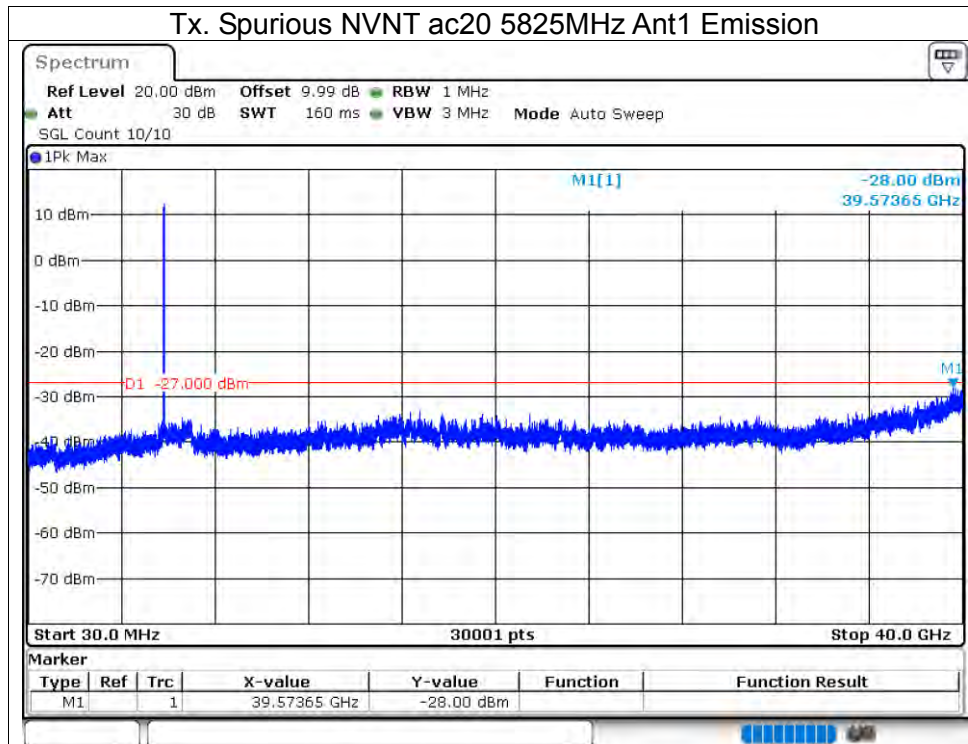
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



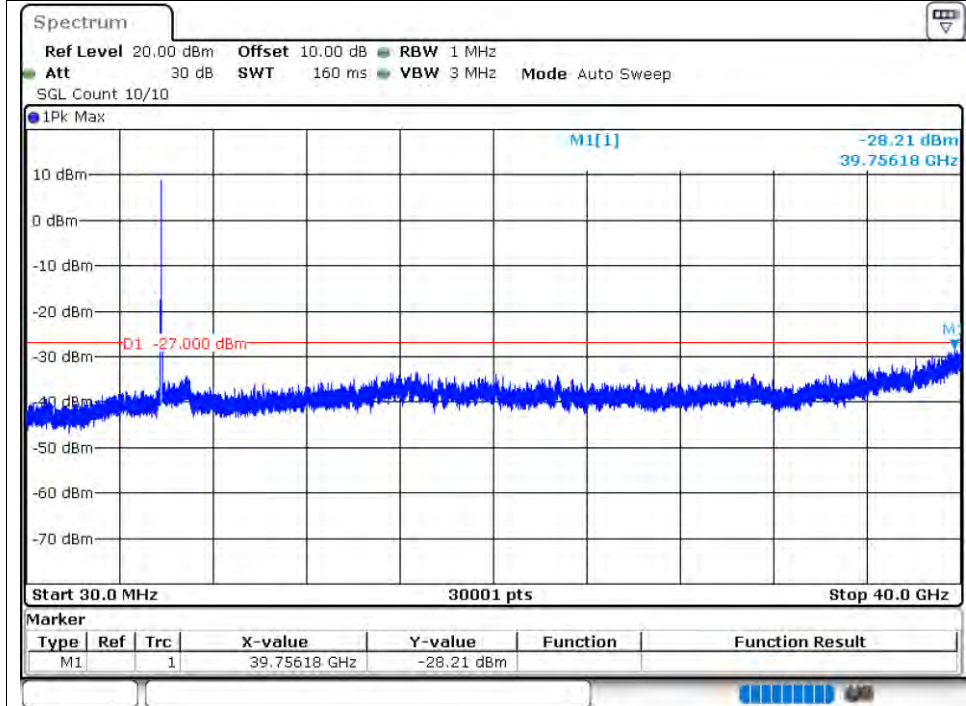




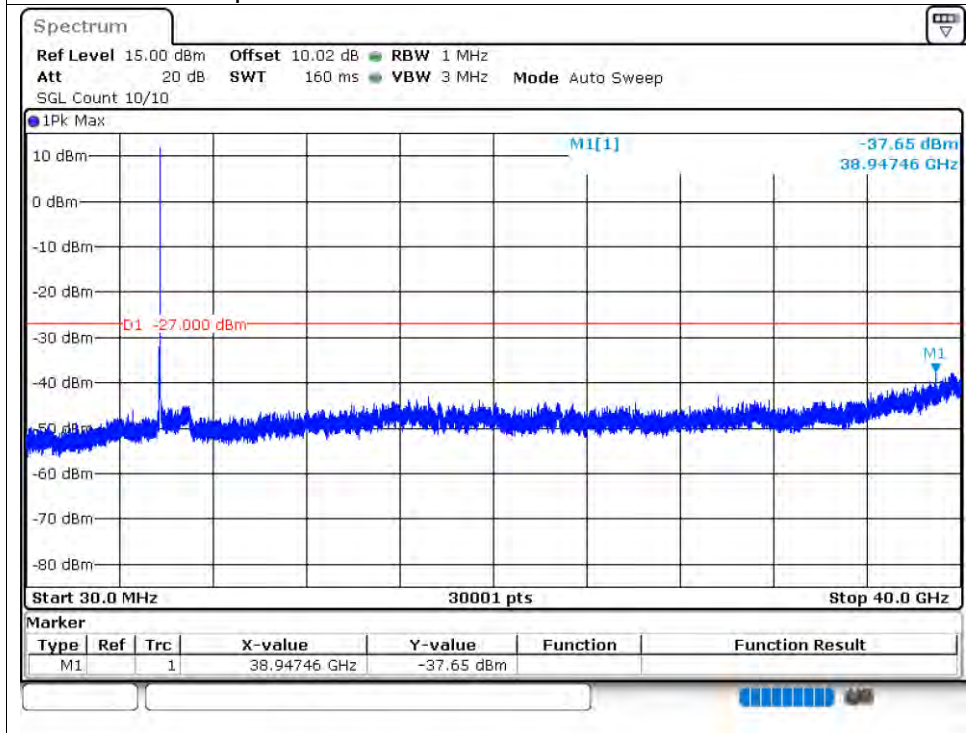




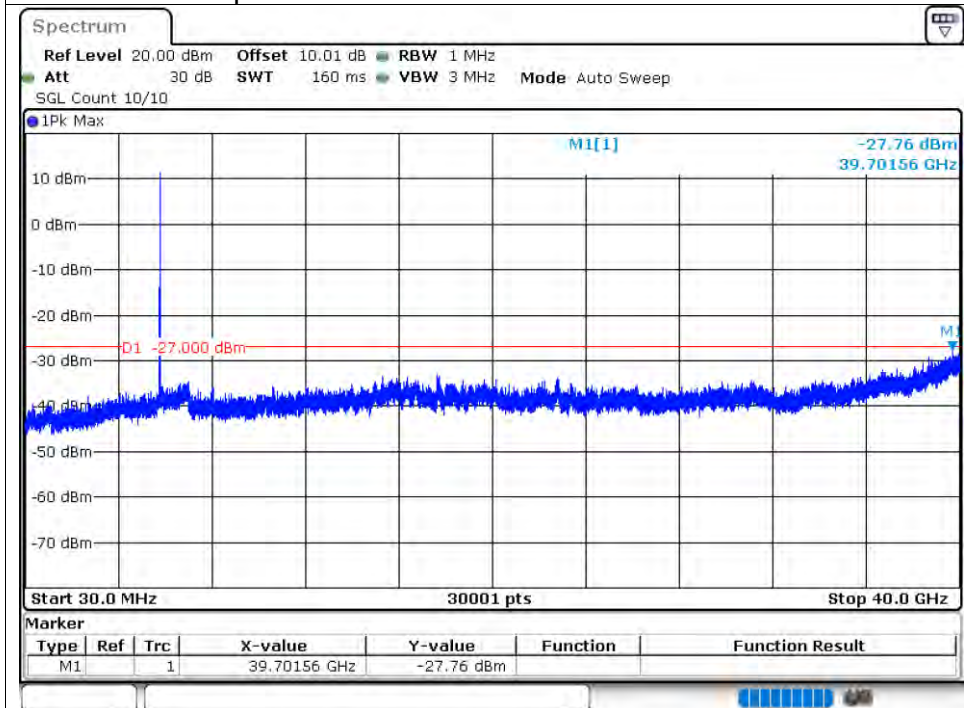
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



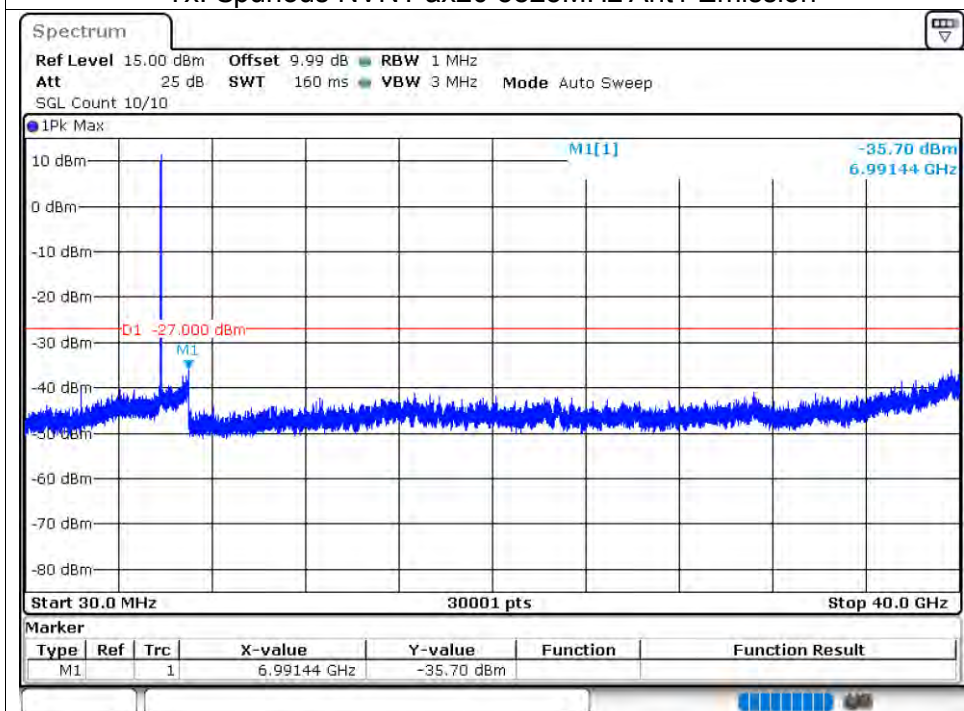
Tx. Spurious NVNT ax20 5745MHz Ant1 Emission

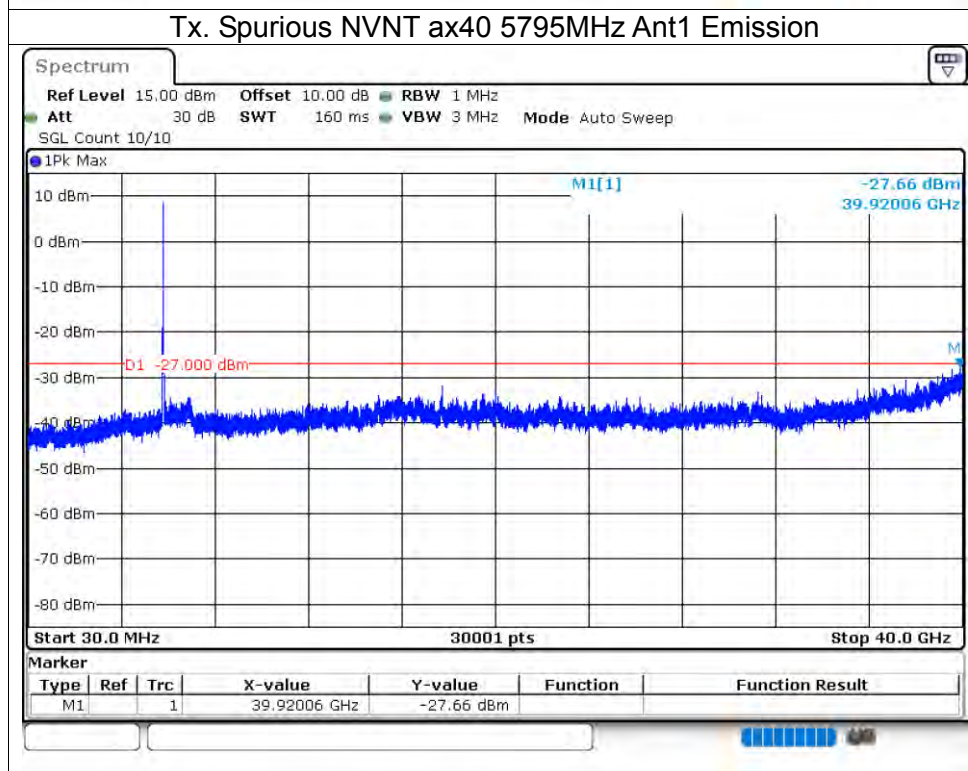
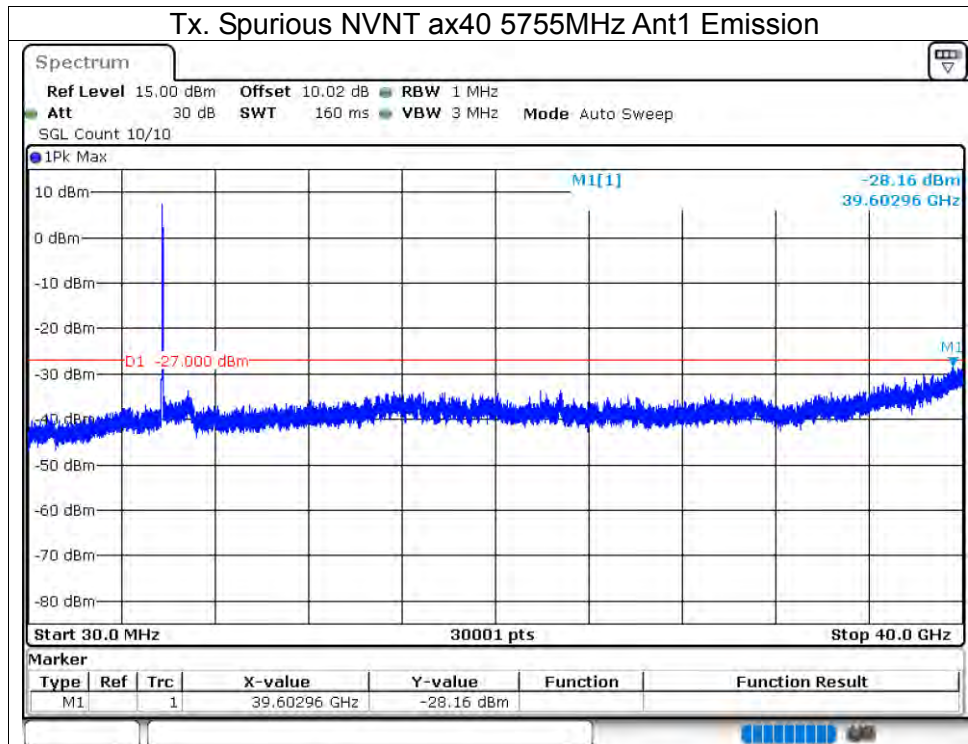


Tx. Spurious NVNT ax20 5785MHz Ant1 Emission



Tx. Spurious NVNT ax20 5825MHz Ant1 Emission





END OF REPORT