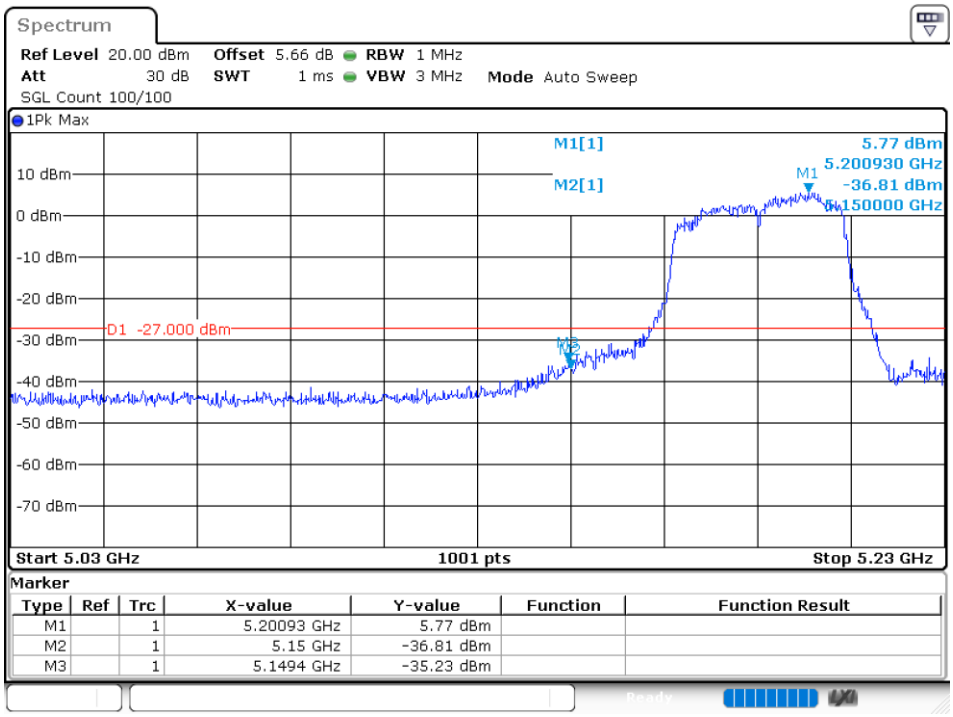
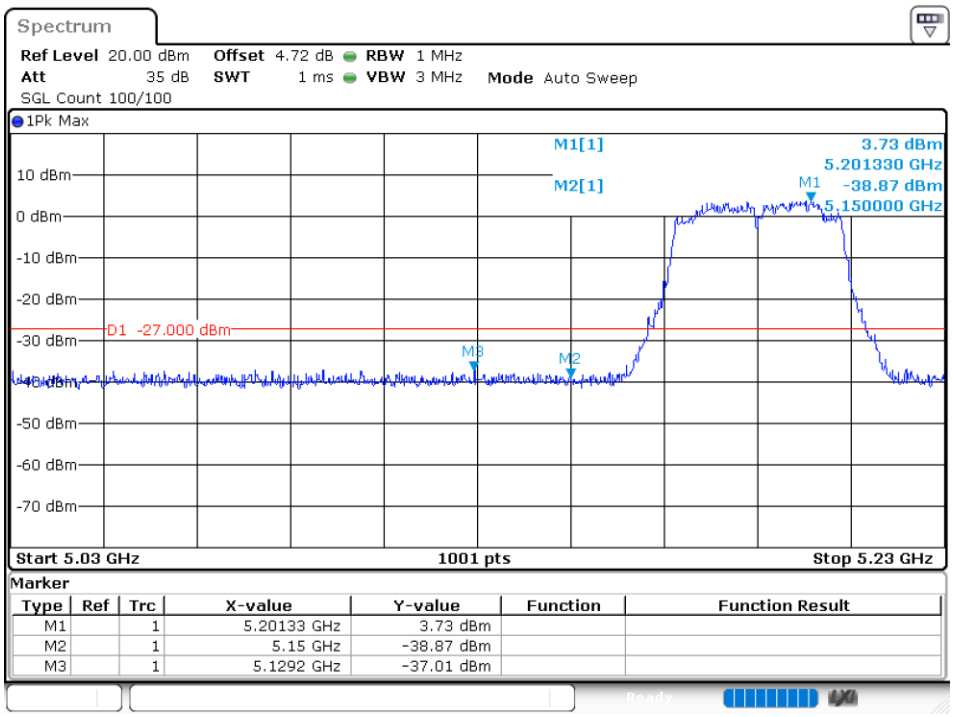
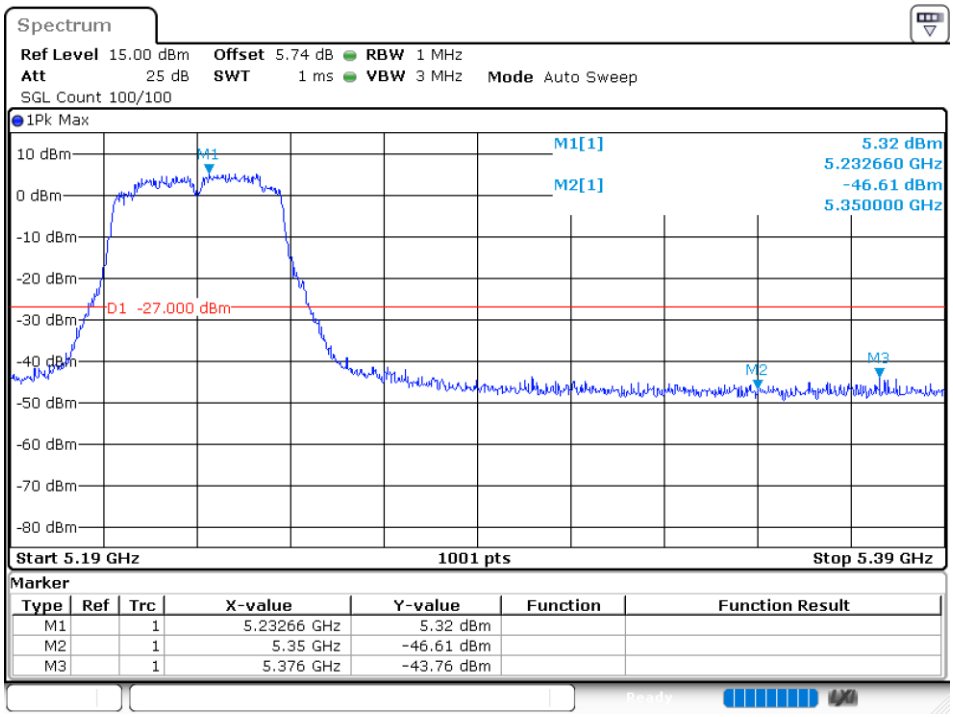
Band Edge NVNT n40 5190MHz Low Ant1



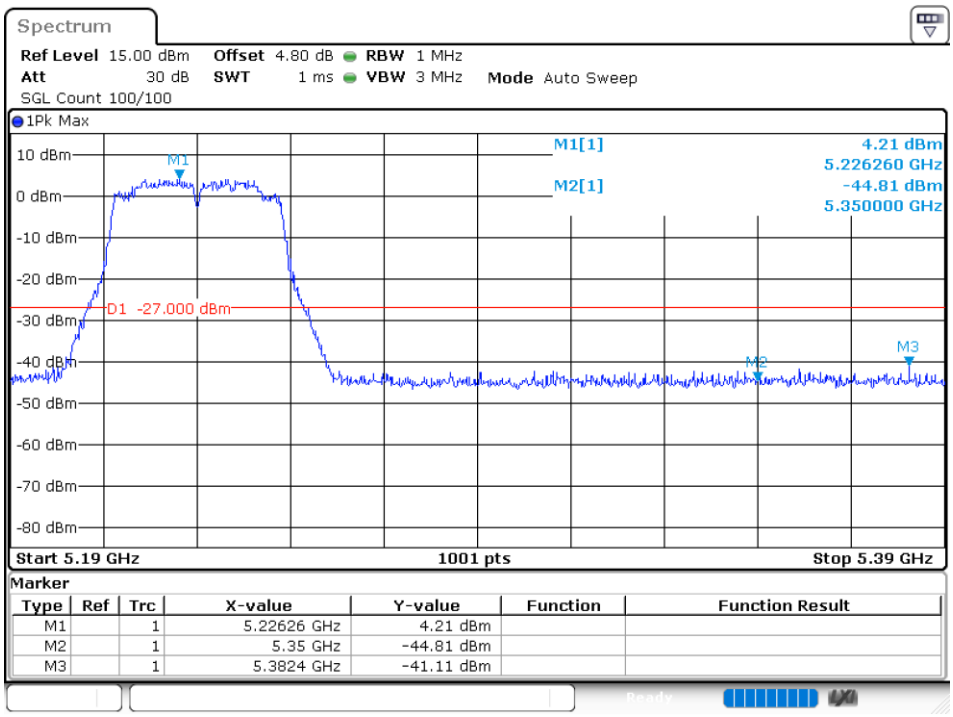
Band Edge NVNT n40 5190MHz Low Ant2



Band Edge NVNT n40 5230MHz High Ant1



Band Edge NVNT n40 5230MHz High Ant2

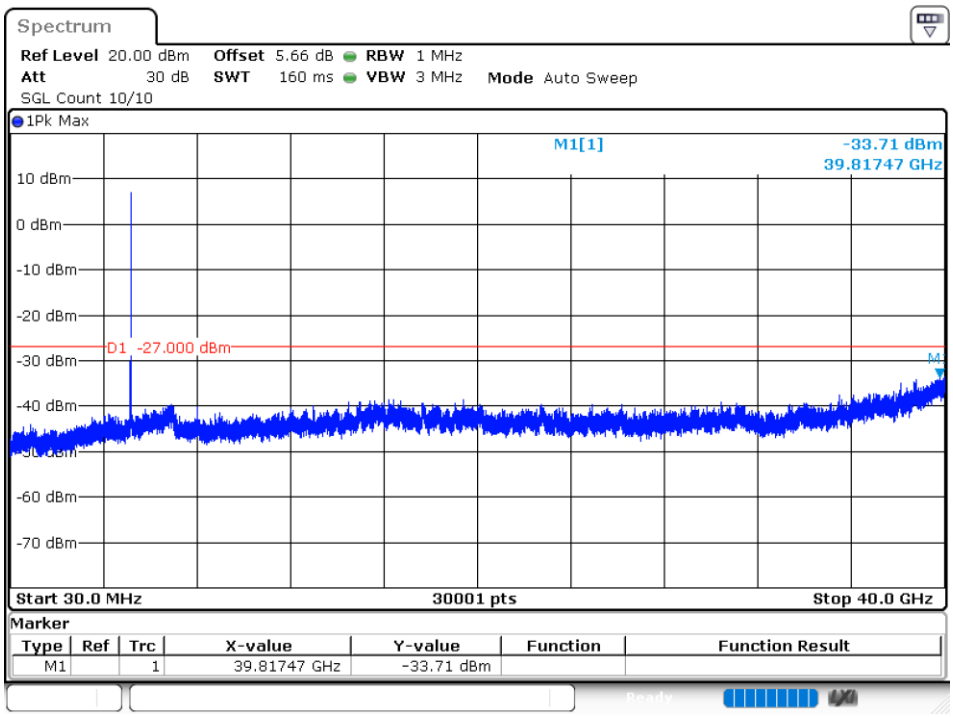


Conducted RF Spurious Emission

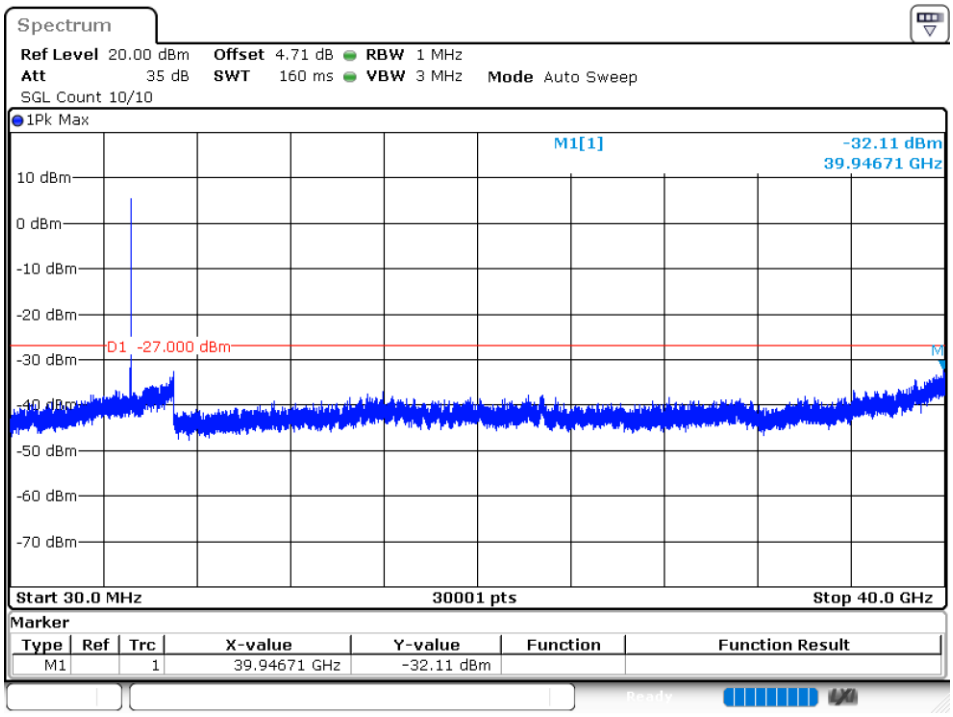
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5180	Ant1	-33.7	-27	Pass
NVNT	ac20	5180	Ant2	-32.1	-27	Pass
NVNT	ac20	5200	Ant1	-33.46	-27	Pass
NVNT	ac20	5200	Ant2	-32.05	-27	Pass
NVNT	ac20	5240	Ant1	-33.12	-27	Pass
NVNT	ac20	5240	Ant2	-33.67	-27	Pass
NVNT	ac40	5190	Ant1	-32.73	-27	Pass
NVNT	ac40	5190	Ant2	-32.8	-27	Pass
NVNT	ac40	5230	Ant1	-32.62	-27	Pass
NVNT	ac40	5230	Ant2	-32.93	-27	Pass
NVNT	ac80	5210	Ant1	-32.72	-27	Pass
NVNT	ac80	5210	Ant2	-33.2	-27	Pass
NVNT	ax20	5180	Ant1	-32.89	-27	Pass
NVNT	ax20	5180	Ant2	-32.14	-27	Pass
NVNT	ax20	5200	Ant1	-33.32	-27	Pass
NVNT	ax20	5200	Ant2	-32.79	-27	Pass
NVNT	ax20	5240	Ant1	-33.23	-27	Pass
NVNT	ax20	5240	Ant2	-32.73	-27	Pass
NVNT	ax40	5190	Ant1	-33.29	-27	Pass
NVNT	ax40	5190	Ant2	-32.24	-27	Pass
NVNT	ax40	5230	Ant1	-33.25	-27	Pass
NVNT	ax40	5230	Ant2	-32.3	-27	Pass
NVNT	ax80	5210	Ant1	-32.98	-27	Pass
NVNT	ax80	5210	Ant2	-33.61	-27	Pass
NVNT	n20	5180	Ant1	-32.53	-27	Pass
NVNT	n20	5180	Ant2	-32.64	-27	Pass
NVNT	n20	5200	Ant1	-32.49	-27	Pass
NVNT	n20	5200	Ant2	-32.57	-27	Pass
NVNT	n20	5240	Ant1	-32.99	-27	Pass
NVNT	n20	5240	Ant2	-32.77	-27	Pass
NVNT	n40	5190	Ant1	-33.09	-27	Pass
NVNT	n40	5190	Ant2	-32.55	-27	Pass
NVNT	n40	5230	Ant1	-33.78	-27	Pass
NVNT	n40	5230	Ant2	-33.89	-27	Pass

Test Graphs

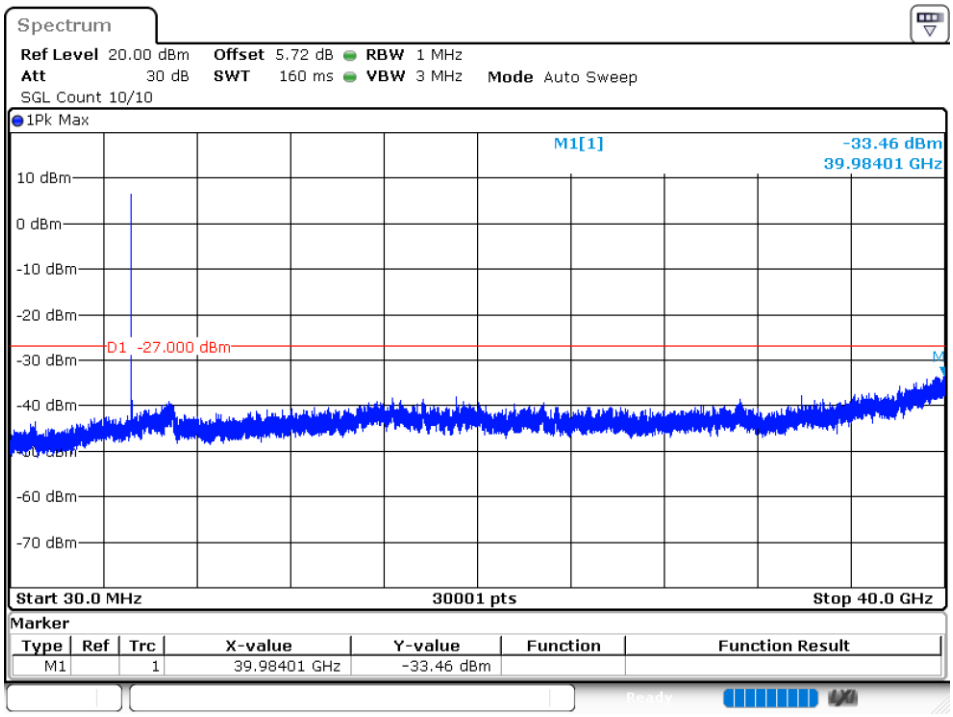
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



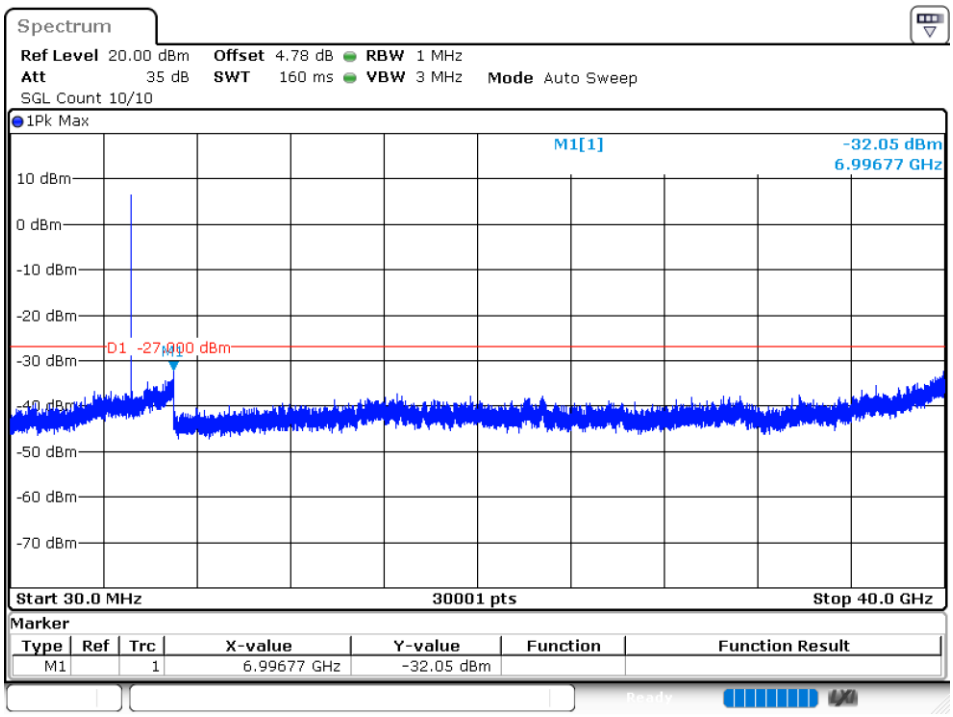
Tx. Spurious NVNT ac20 5180MHz Ant2 Emission



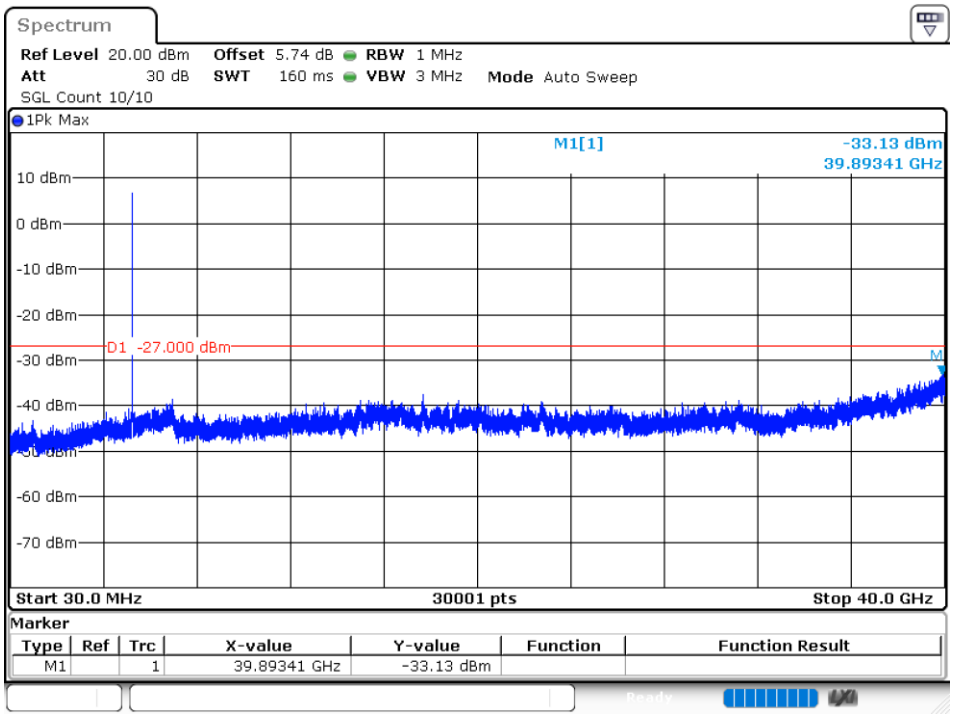
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



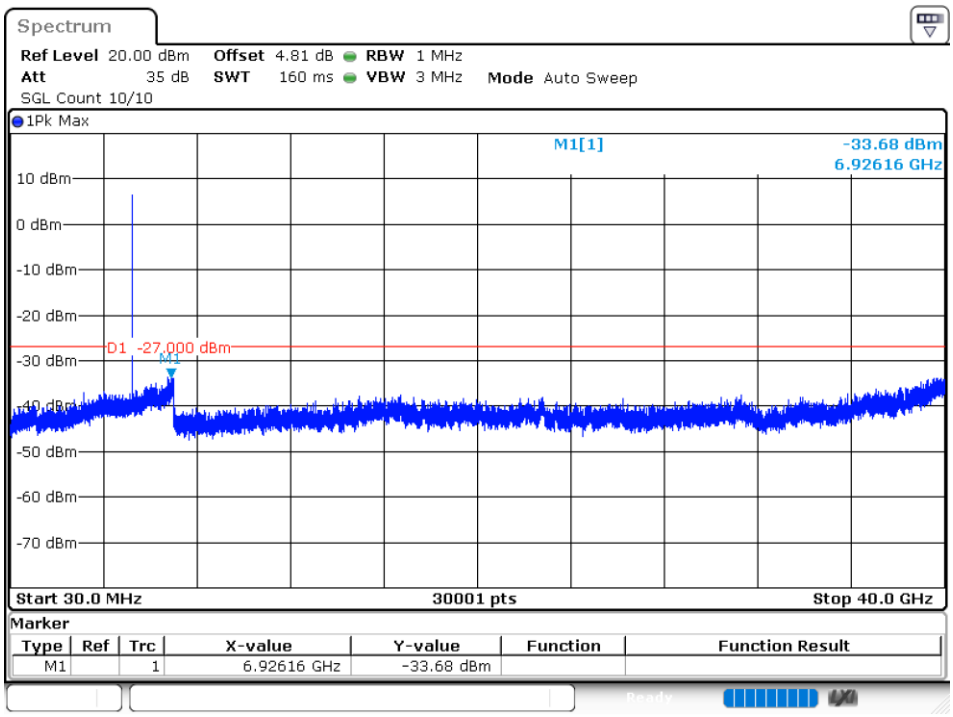
Tx. Spurious NVNT ac20 5200MHz Ant2 Emission



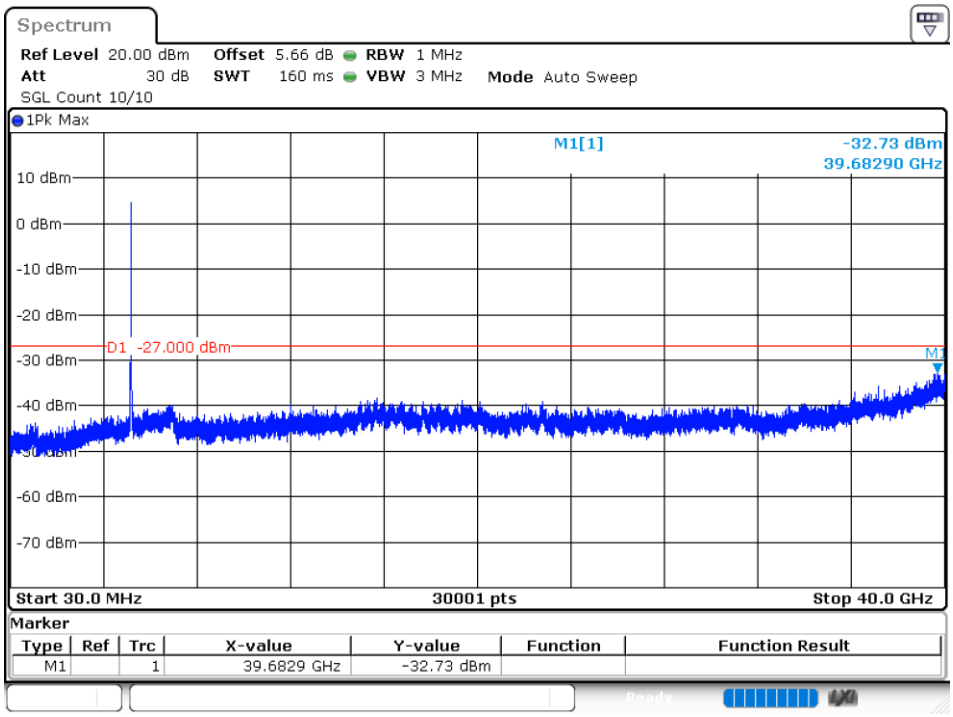
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



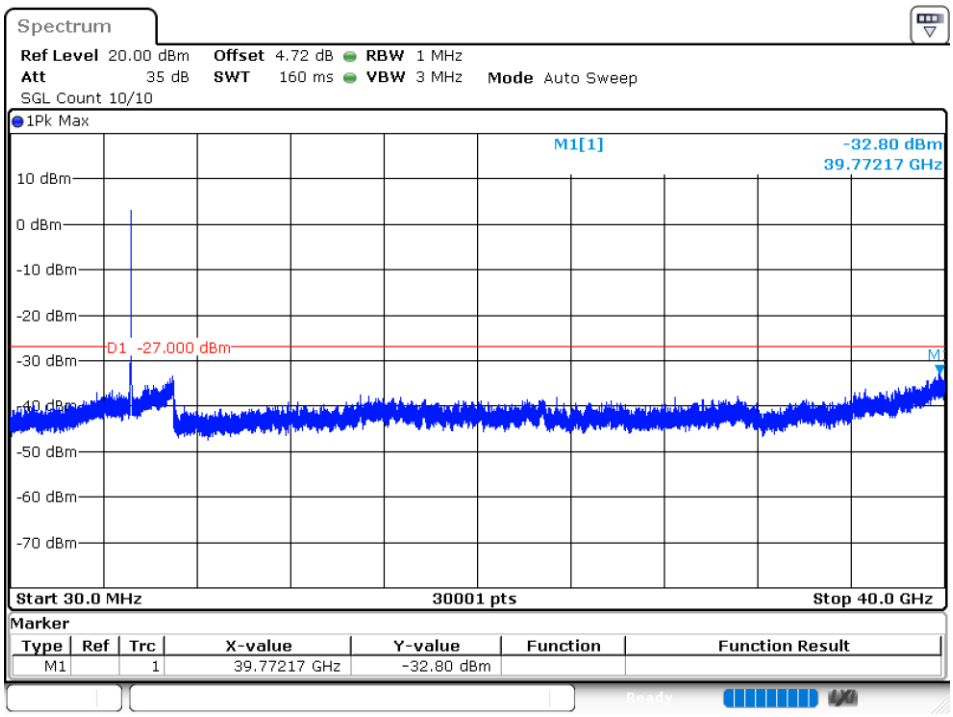
Tx. Spurious NVNT ac20 5240MHz Ant2 Emission



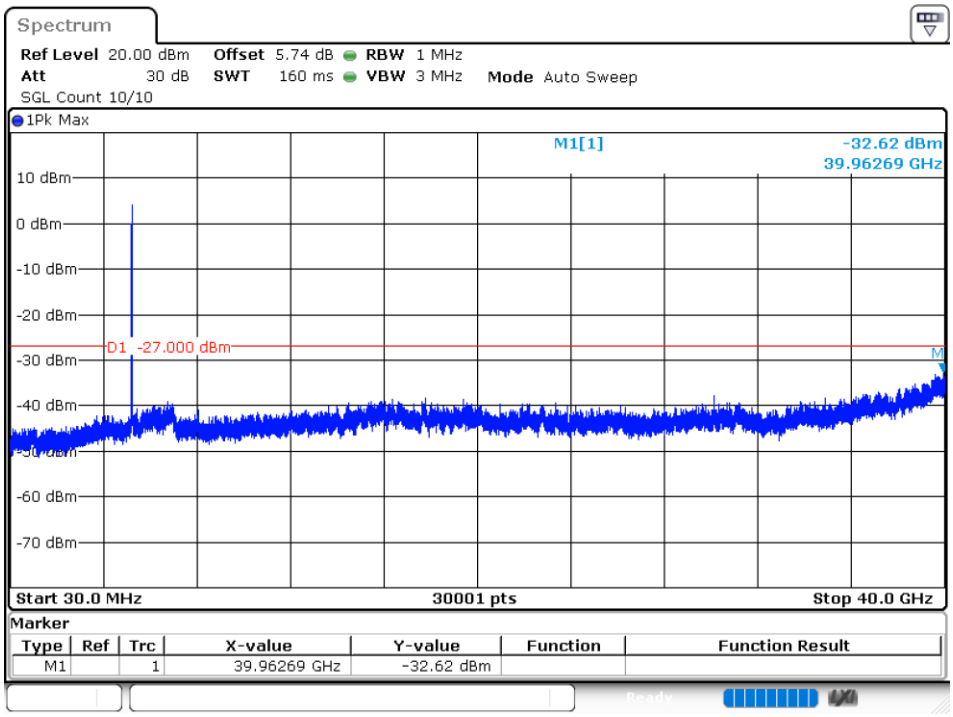
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



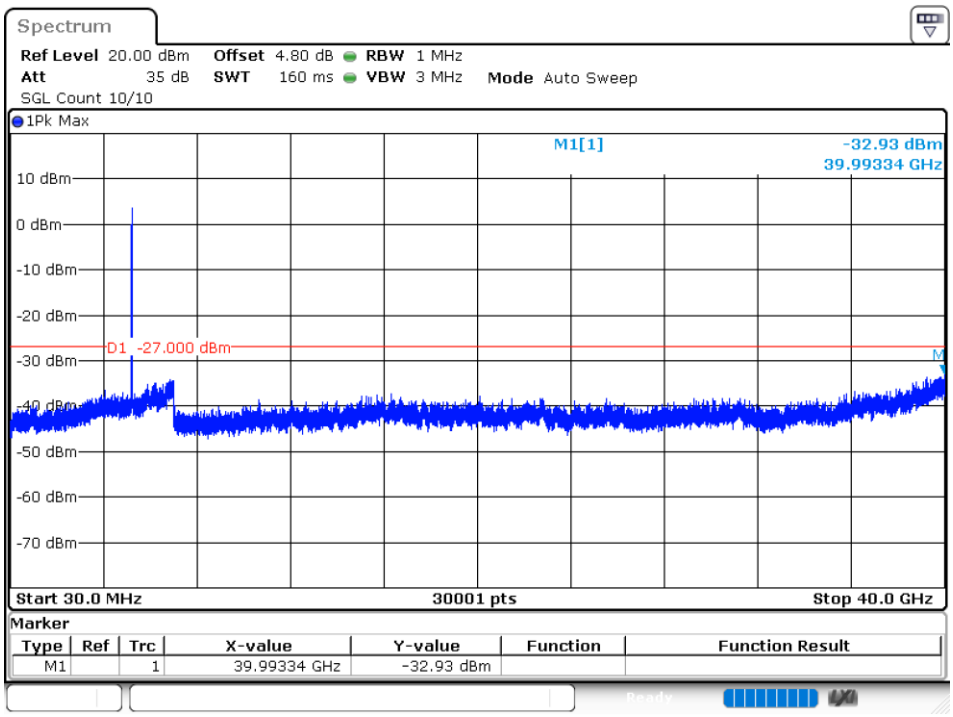
Tx. Spurious NVNT ac40 5190MHz Ant2 Emission



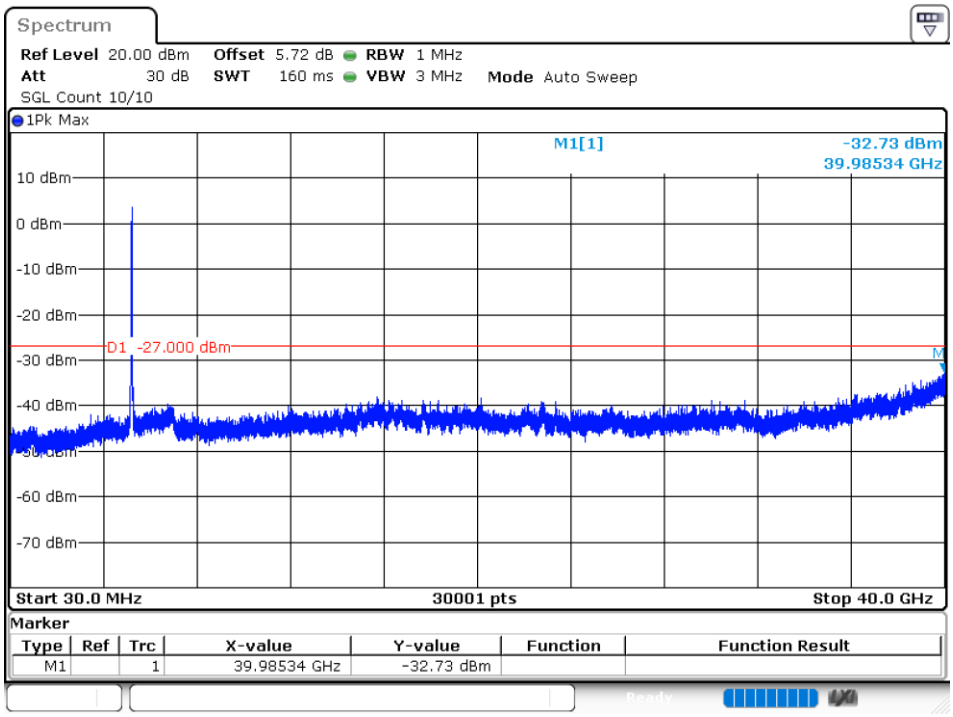
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



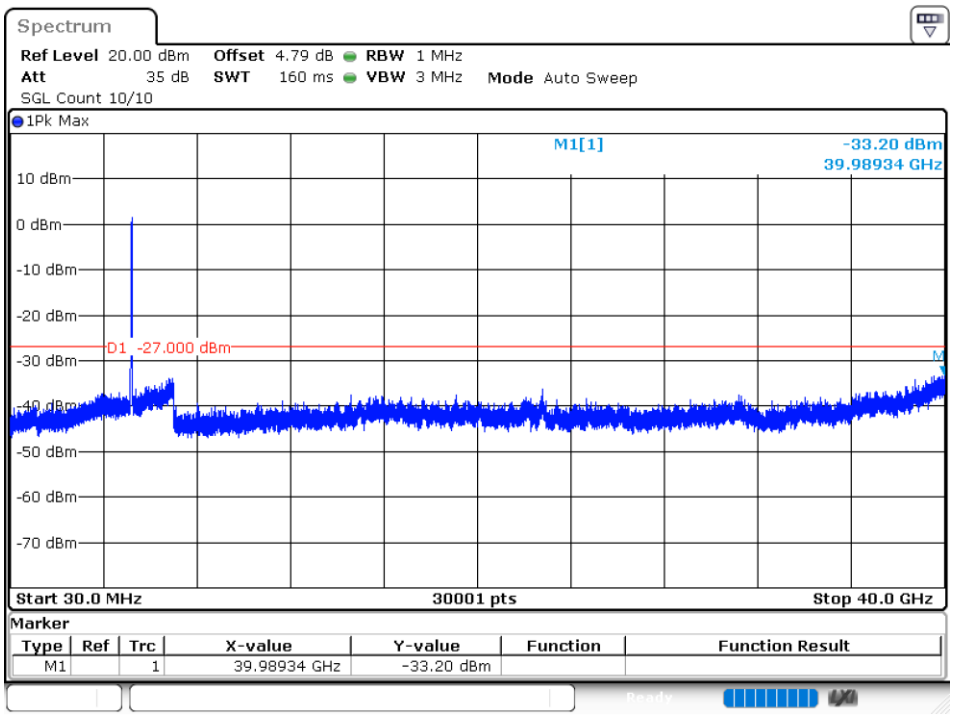
Tx. Spurious NVNT ac40 5230MHz Ant2 Emission



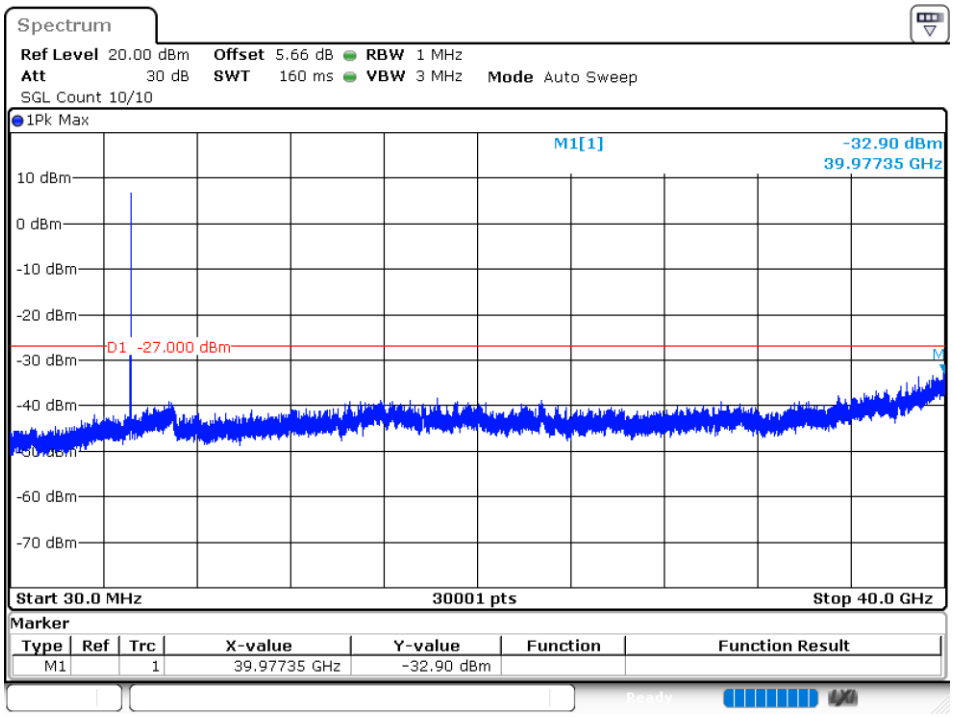
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



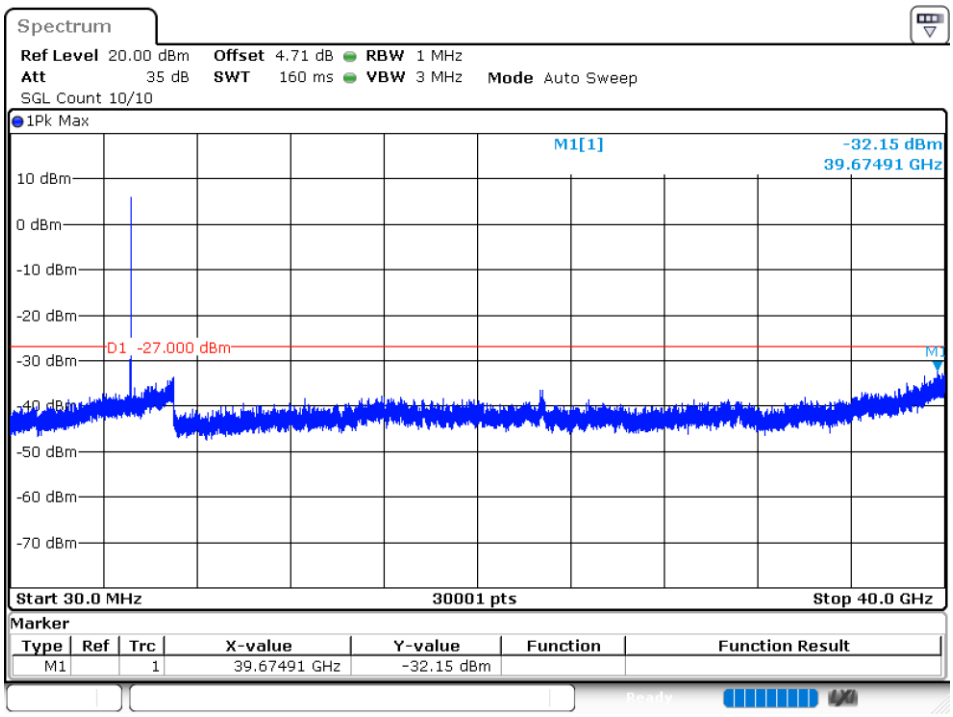
Tx. Spurious NVNT ac80 5210MHz Ant2 Emission



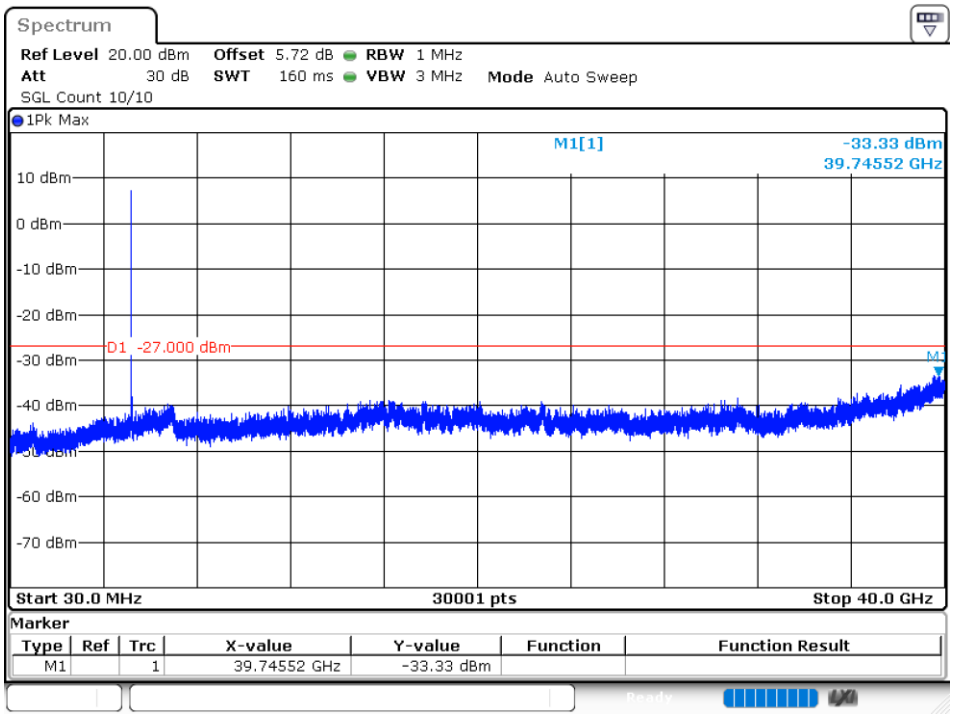
Tx. Spurious NVNT ax20 5180MHz Ant1 Emission



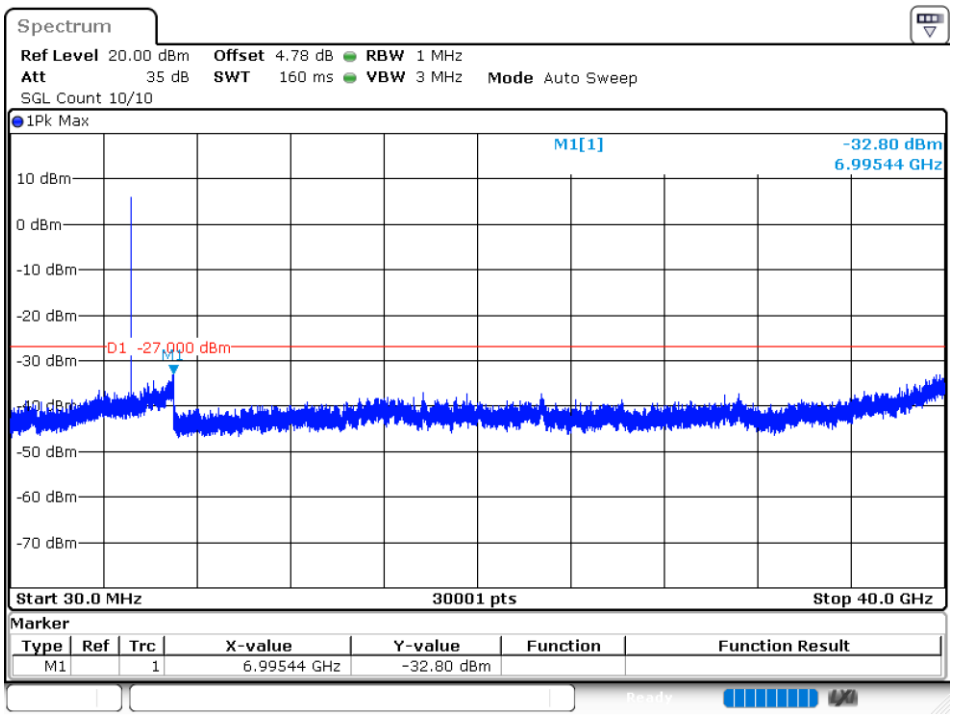
Tx. Spurious NVNT ax20 5180MHz Ant2 Emission



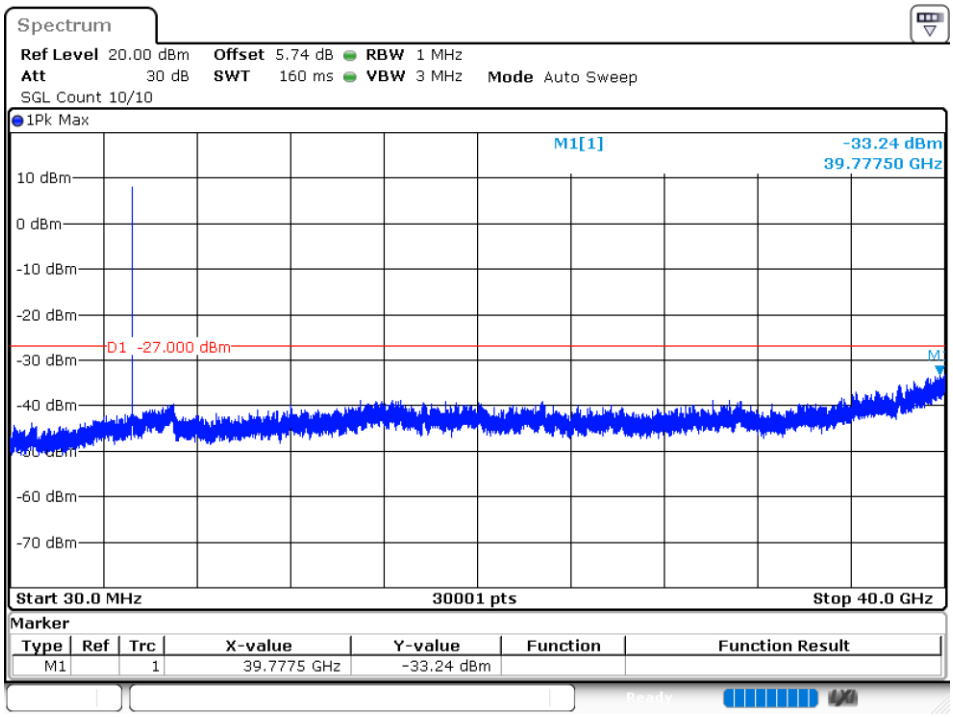
Tx. Spurious NVNT ax20 5200MHz Ant1 Emission



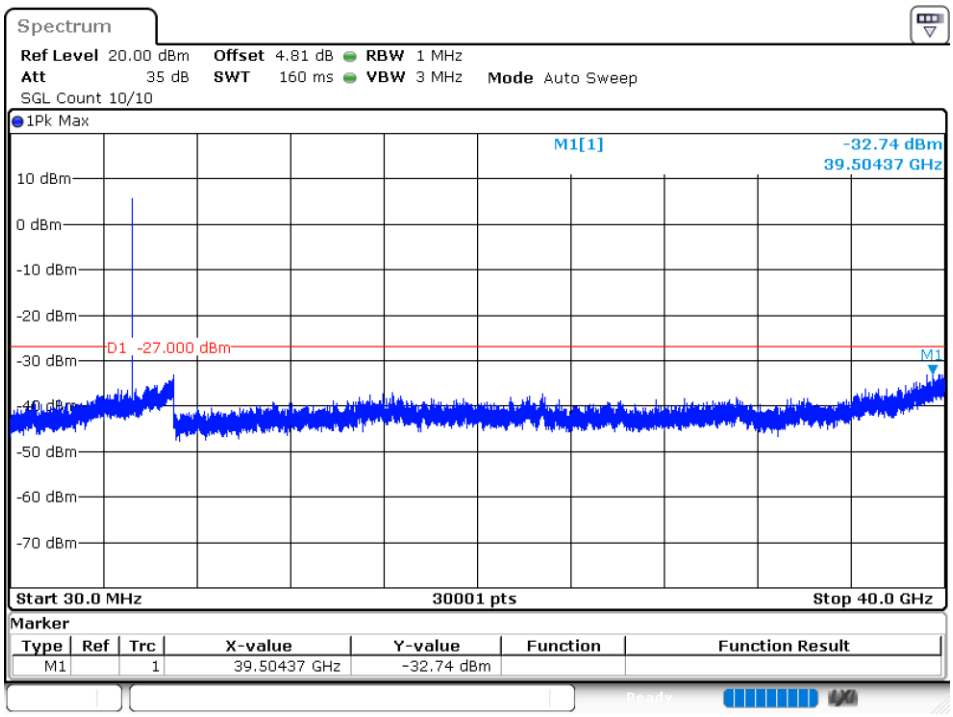
Tx. Spurious NVNT ax20 5200MHz Ant2 Emission



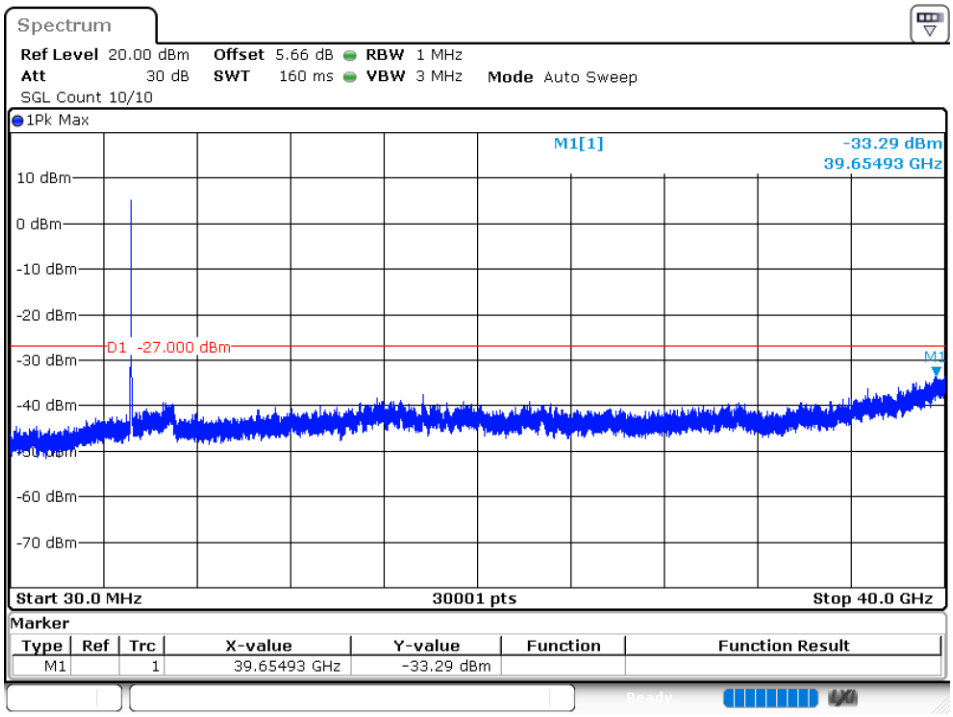
Tx. Spurious NVNT ax20 5240MHz Ant1 Emission



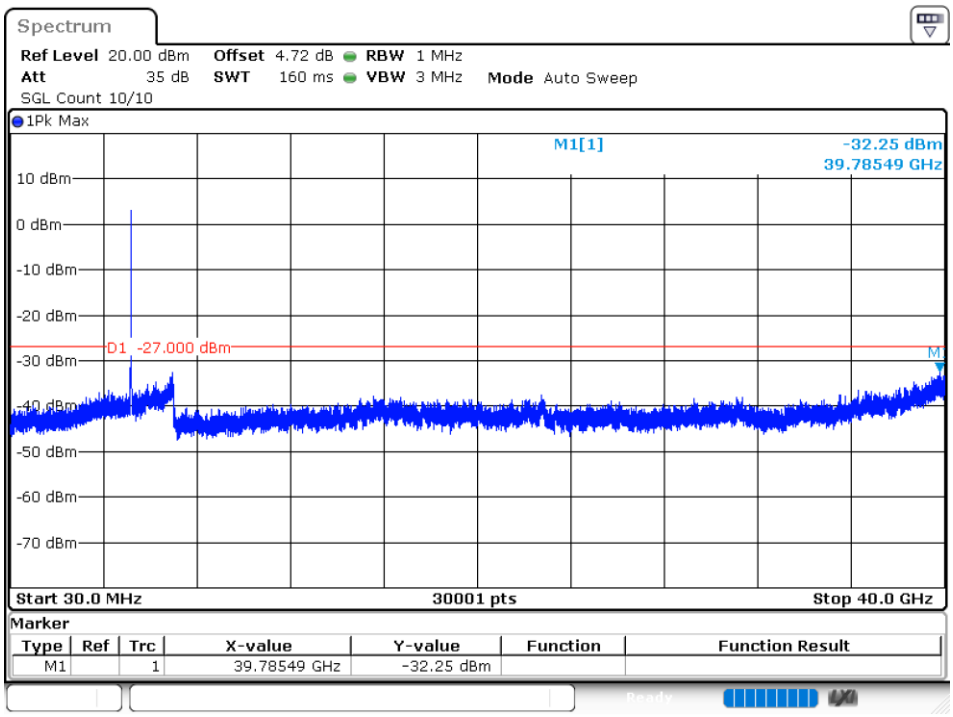
Tx. Spurious NVNT ax20 5240MHz Ant2 Emission



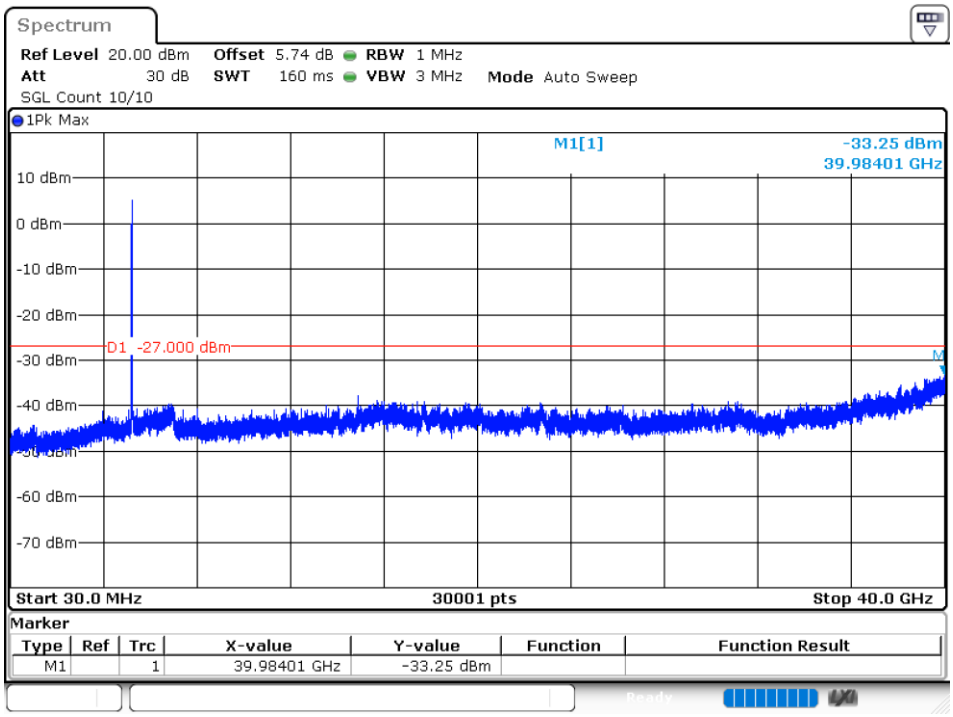
Tx. Spurious NVNT ax40 5190MHz Ant1 Emission



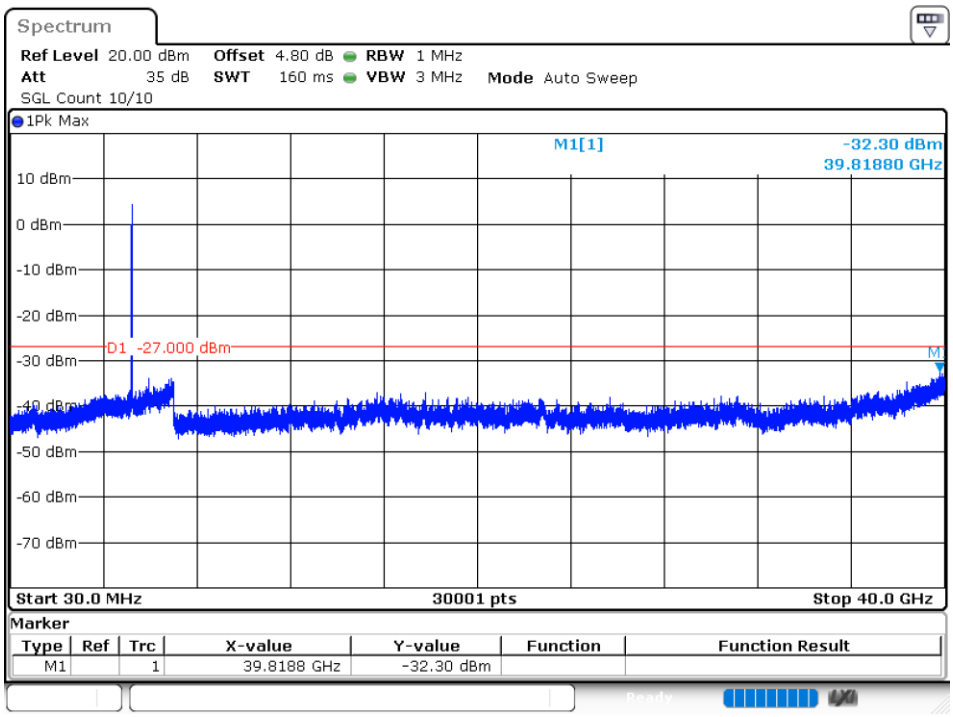
Tx. Spurious NVNT ax40 5190MHz Ant2 Emission



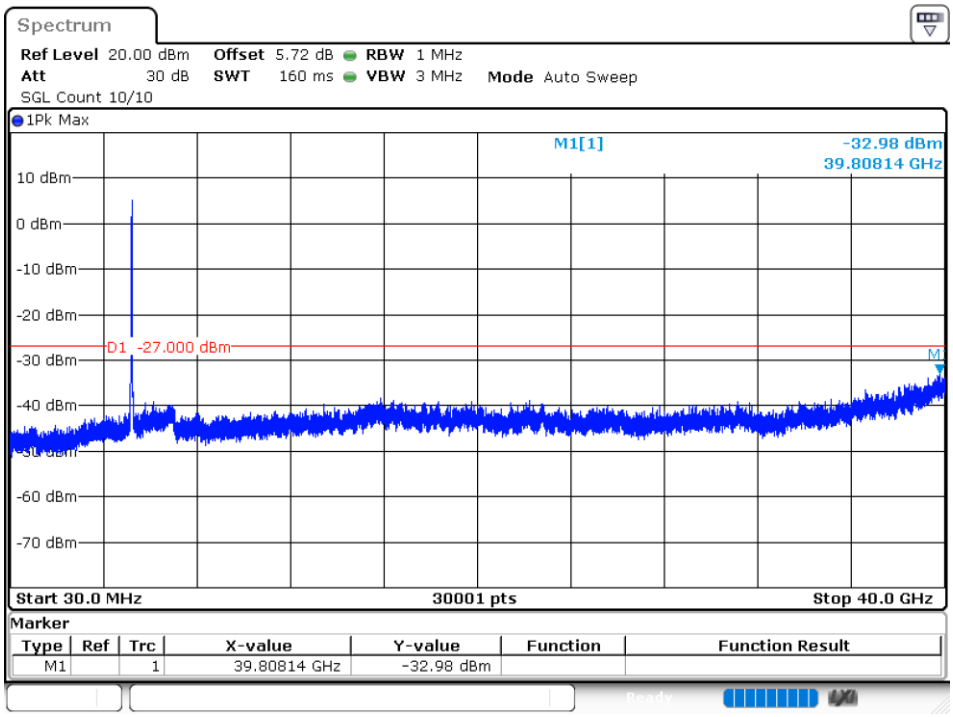
Tx. Spurious NVNT ax40 5230MHz Ant1 Emission



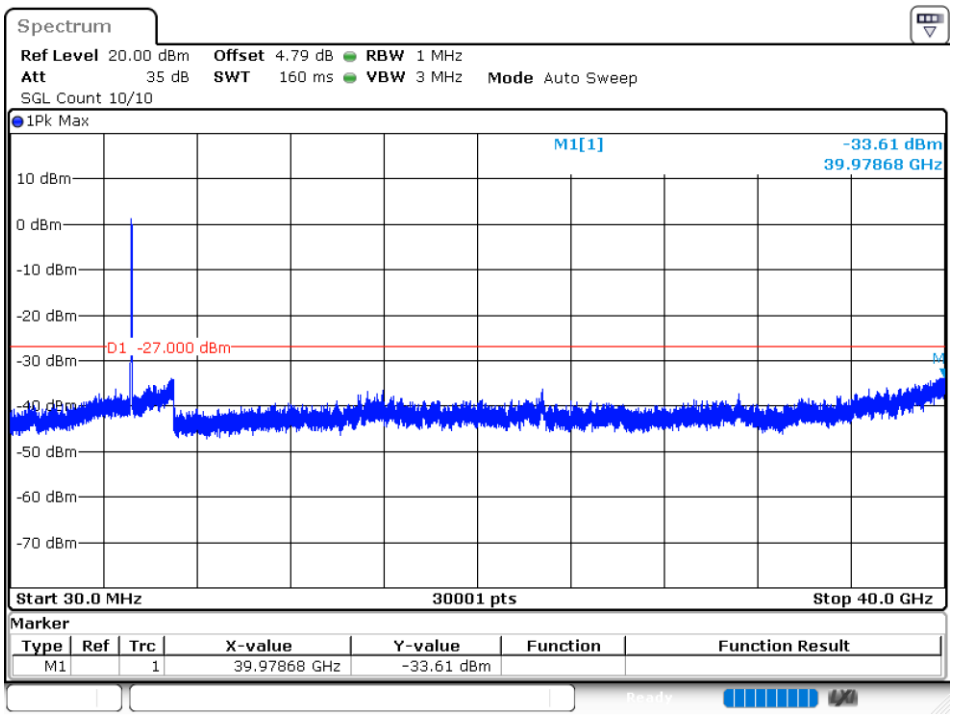
Tx. Spurious NVNT ax40 5230MHz Ant2 Emission



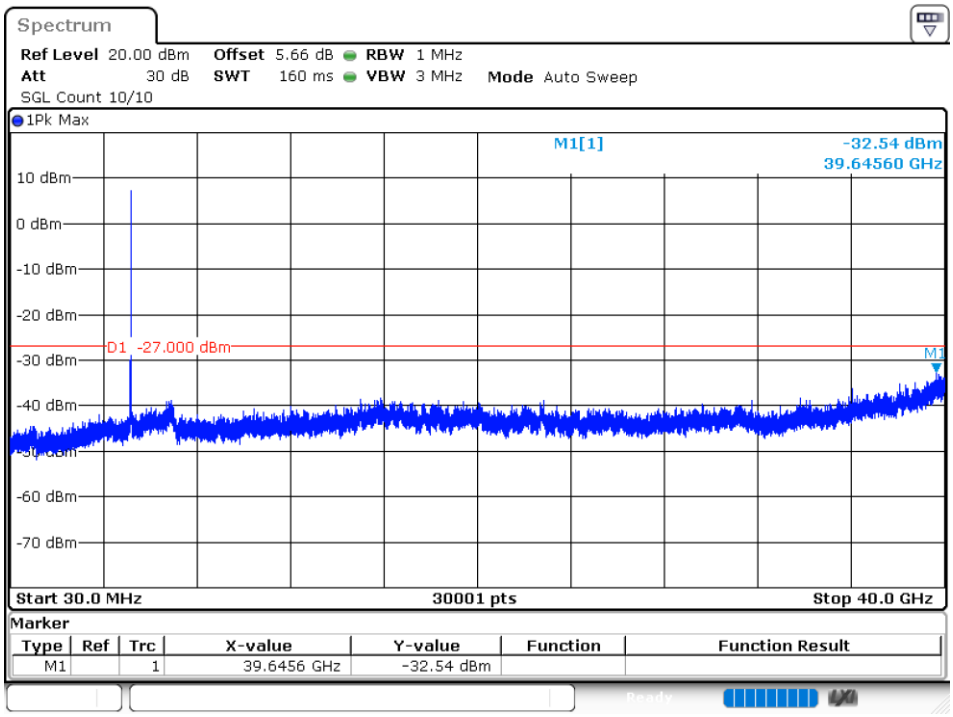
Tx. Spurious NVNT ax80 5210MHz Ant1 Emission



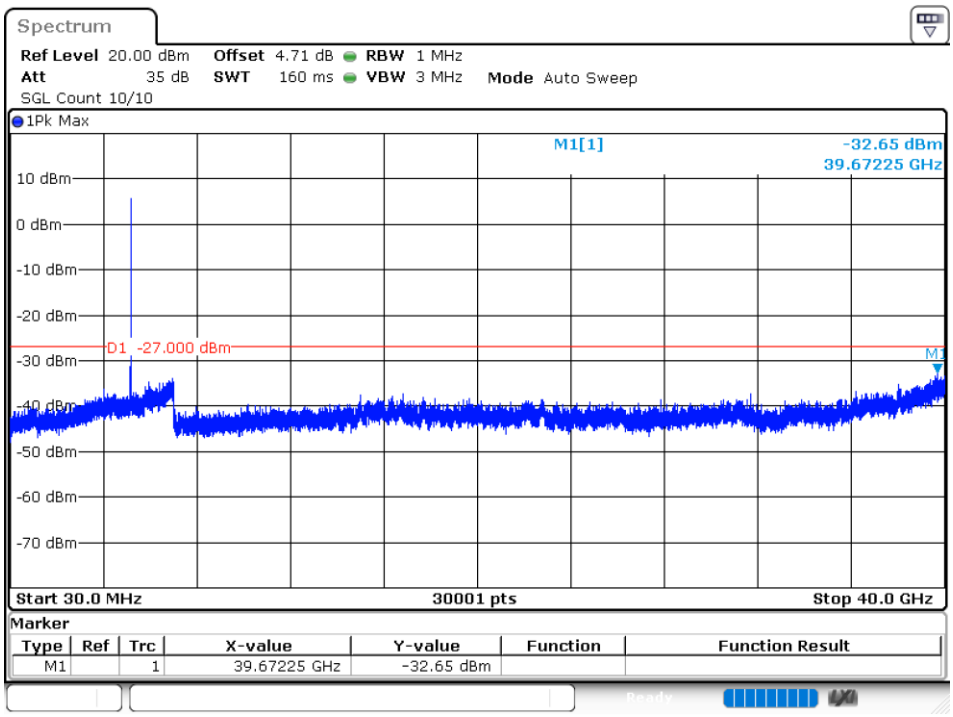
Tx. Spurious NVNT ax80 5210MHz Ant2 Emission



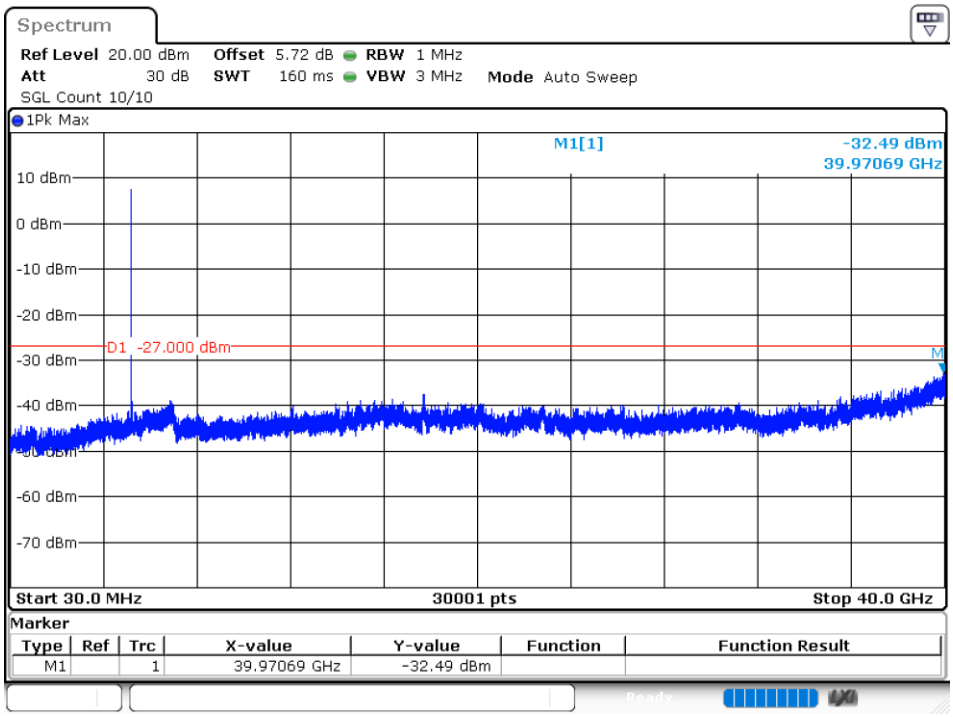
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



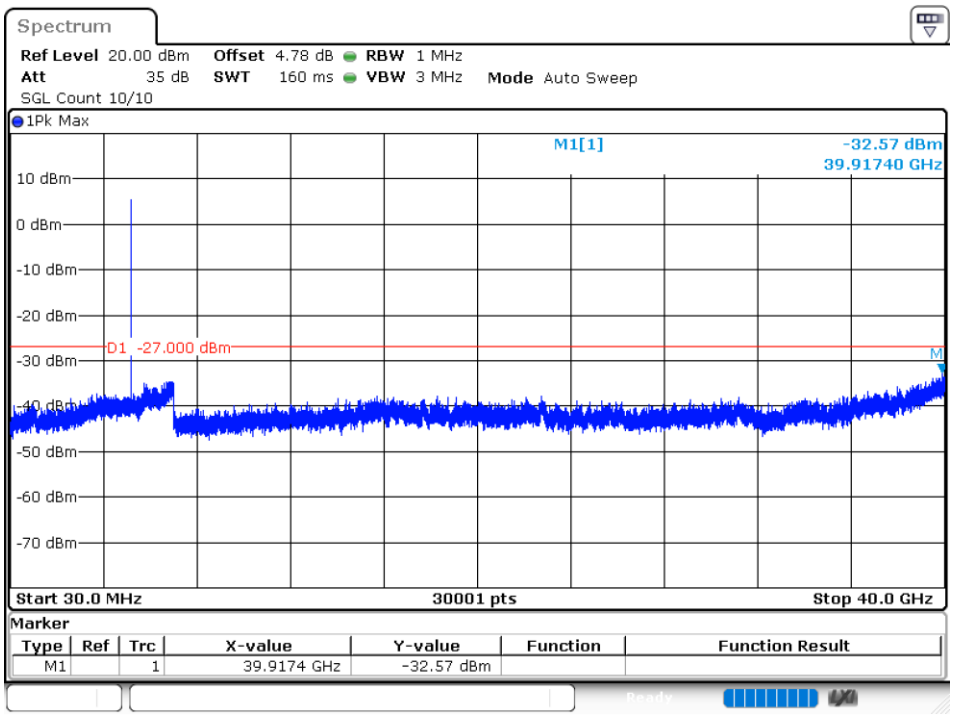
Tx. Spurious NVNT n20 5180MHz Ant2 Emission



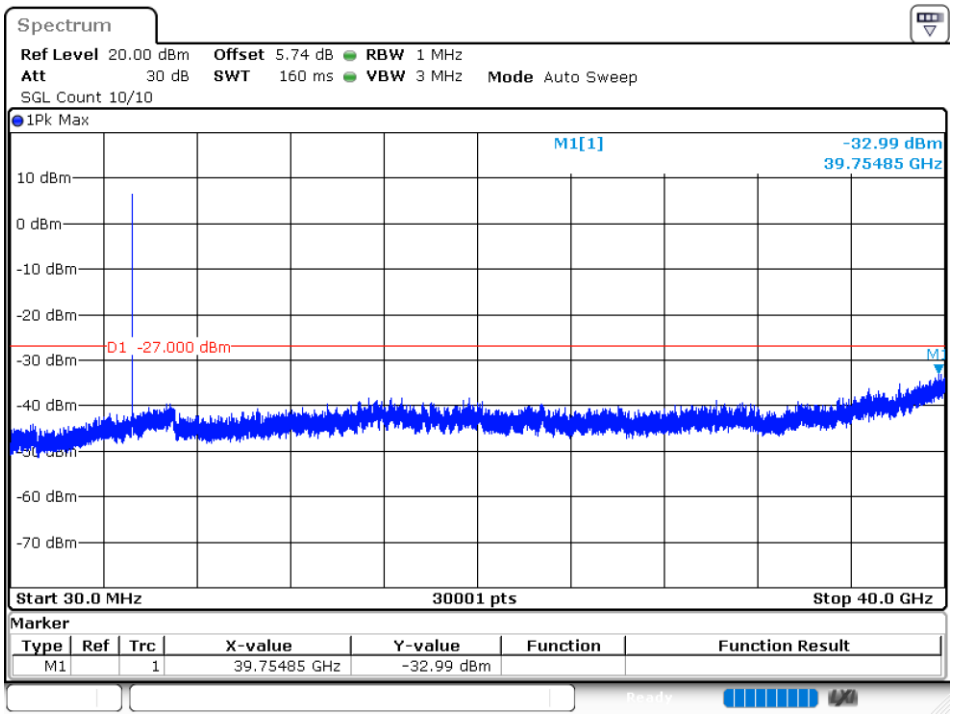
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



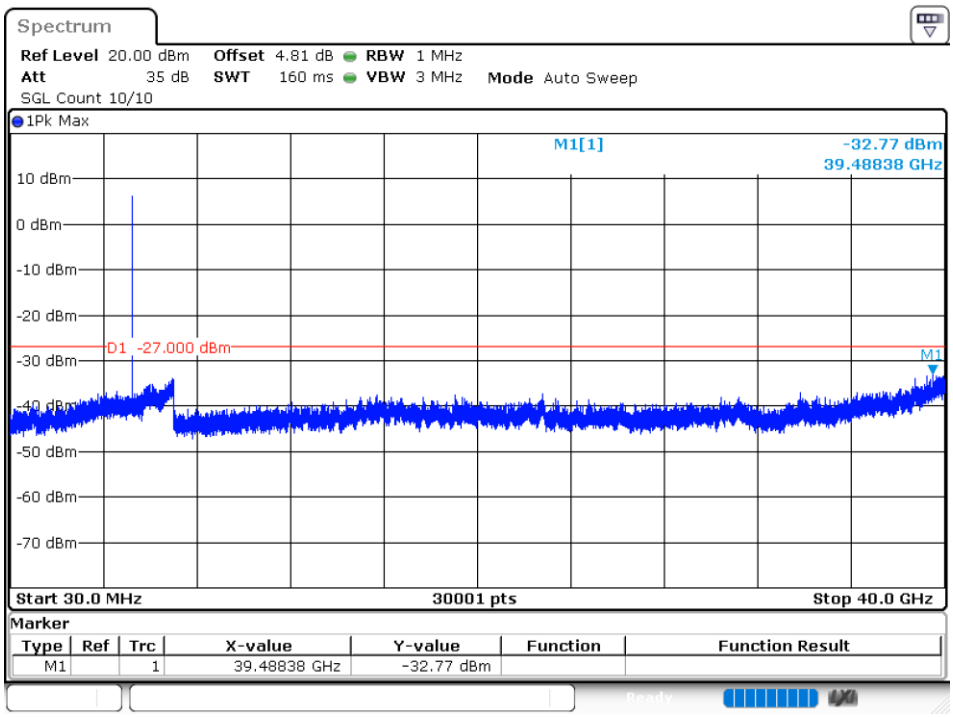
Tx. Spurious NVNT n20 5200MHz Ant2 Emission



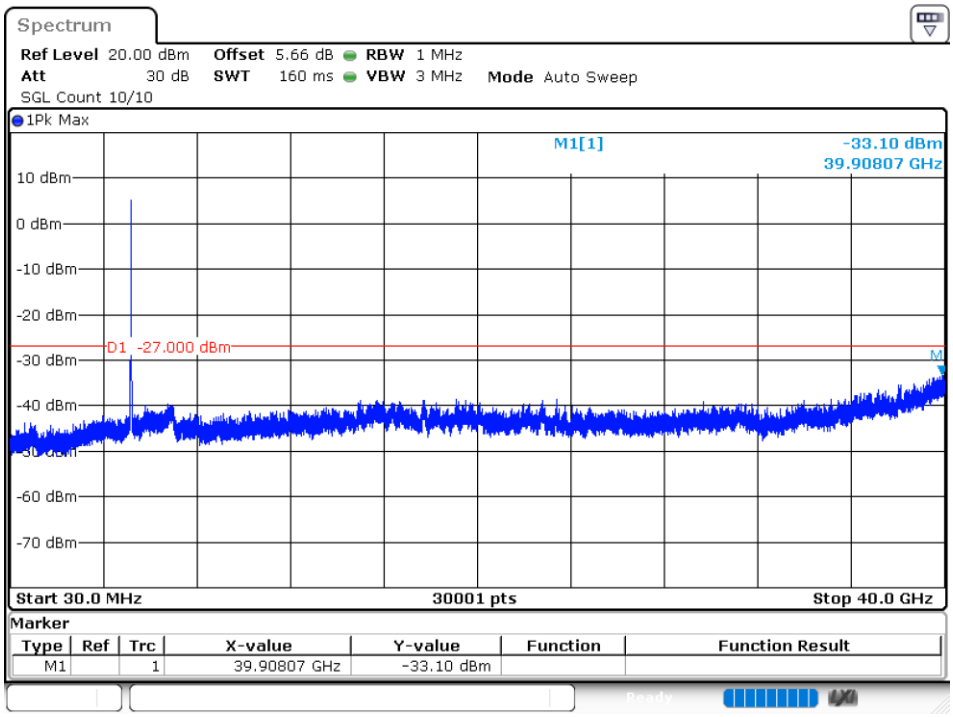
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



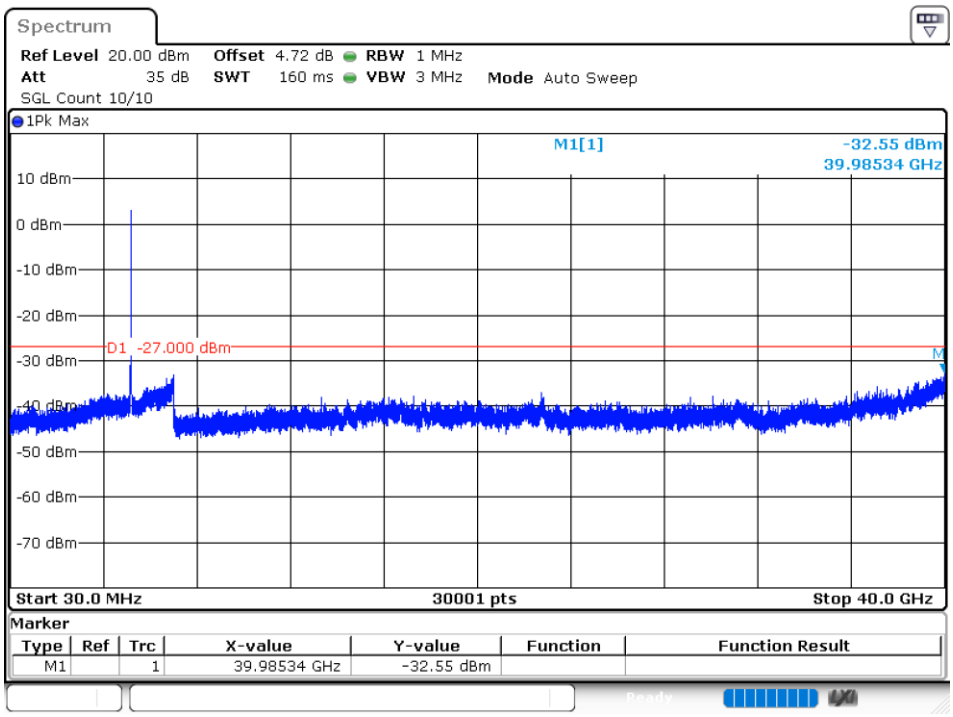
Tx. Spurious NVNT n20 5240MHz Ant2 Emission



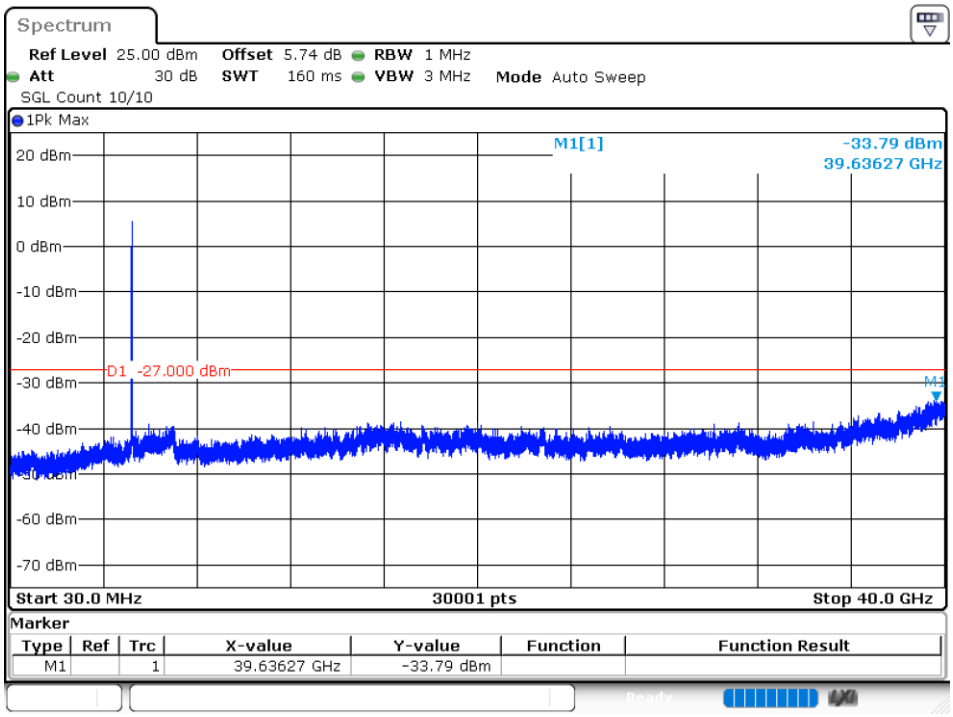
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



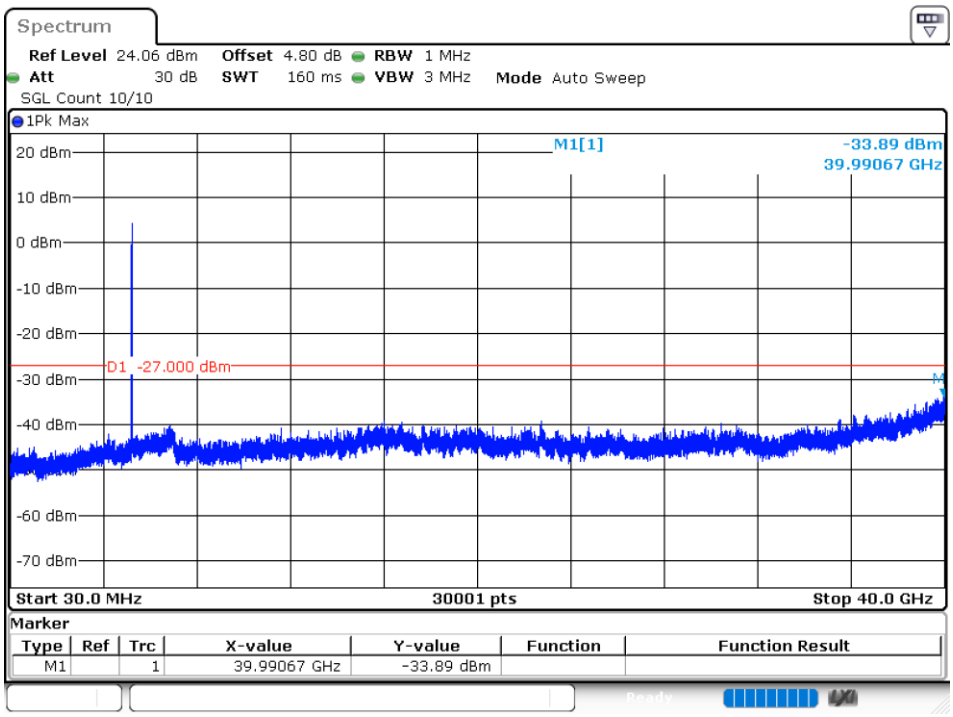
Tx. Spurious NVNT n40 5190MHz Ant2 Emission



Tx. Spurious NVNT n40 5230MHz Ant1 Emission



Tx. Spurious NVNT n40 5230MHz Ant2 Emission



5.8G:

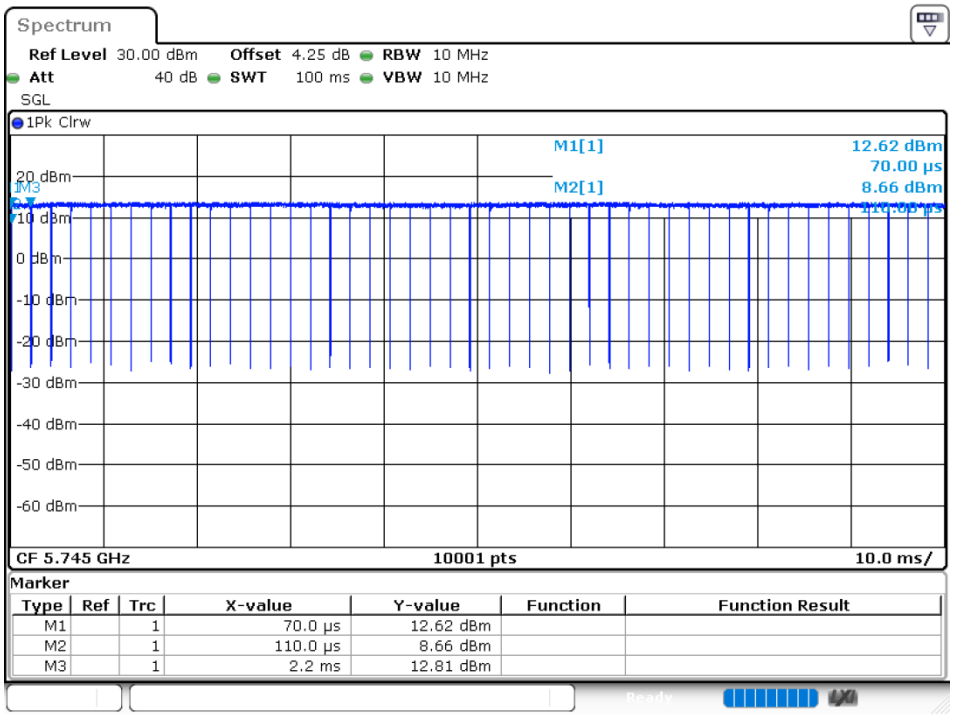
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	98.37	0.07	0.48
NVNT	a	5785	Ant1	98.31	0.07	0.48
NVNT	a	5825	Ant1	98.3	0.07	0.48
NVNT	a	5745	Ant2	98.31	0.07	0.48
NVNT	a	5785	Ant2	98.31	0.07	0.48
NVNT	a	5825	Ant2	98.31	0.07	0.48
NVNT	n20	5745	Ant1	99.06	0.04	0.25
NVNT	n20	5785	Ant1	99.06	0.04	0.25
NVNT	n20	5825	Ant1	99.1	0.04	0.25
NVNT	n20	5745	Ant2	99.06	0.04	0.25
NVNT	n20	5785	Ant2	99.08	0.04	0.25
NVNT	n20	5825	Ant2	99.11	0.04	0.25
NVNT	n40	5755	Ant1	99.06	0.04	0.25
NVNT	n40	5795	Ant1	99.11	0.04	0.25
NVNT	n40	5755	Ant2	99.09	0.04	0.25
NVNT	n40	5795	Ant2	99.07	0.04	0.25
NVNT	ac20	5745	Ant1	99.08	0.04	0.25
NVNT	ac20	5785	Ant1	99.07	0.04	0.25
NVNT	ac20	5825	Ant1	99.07	0.04	0.25
NVNT	ac20	5745	Ant2	99.06	0.04	0.25
NVNT	ac20	5785	Ant2	99.07	0.04	0.25
NVNT	ac20	5825	Ant2	99.08	0.04	0.25
NVNT	ac40	5755	Ant1	99.07	0.04	0.25
NVNT	ac40	5795	Ant1	99.08	0.04	0.25
NVNT	ac40	5755	Ant2	99.07	0.04	0.25
NVNT	ac40	5795	Ant2	99.07	0.04	0.25
NVNT	ac80	5775	Ant1	99.12	0.04	0.25
NVNT	ac80	5775	Ant2	99.02	0.04	0.25
NVNT	ax20	5745	Ant1	99.08	0.04	0.25
NVNT	ax20	5785	Ant1	99.1	0.04	0.25
NVNT	ax20	5825	Ant1	99.05	0.04	0.25
NVNT	ax20	5745	Ant2	99.09	0.04	0.25
NVNT	ax20	5785	Ant2	99.09	0.04	0.25
NVNT	ax20	5825	Ant2	99.1	0.04	0.25
NVNT	ax40	5755	Ant1	99.11	0.04	0.25

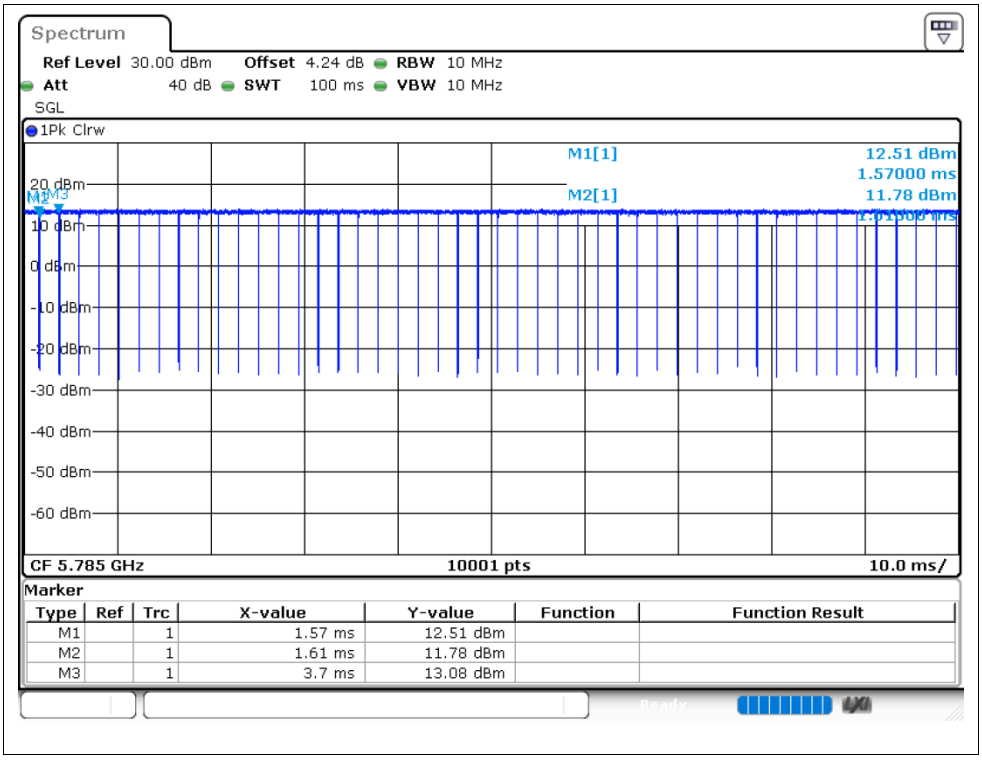
NVNT	ax40	5795	Ant1	99.05	0.04	0.25
NVNT	ax40	5755	Ant2	99.23	0.03	0.39
NVNT	ax40	5795	Ant2	99.14	0.04	0.25
NVNT	ax80	5775	Ant1	99.1	0.04	0.25
NVNT	ax80	5775	Ant2	99.08	0.04	0.25

Test Graphs

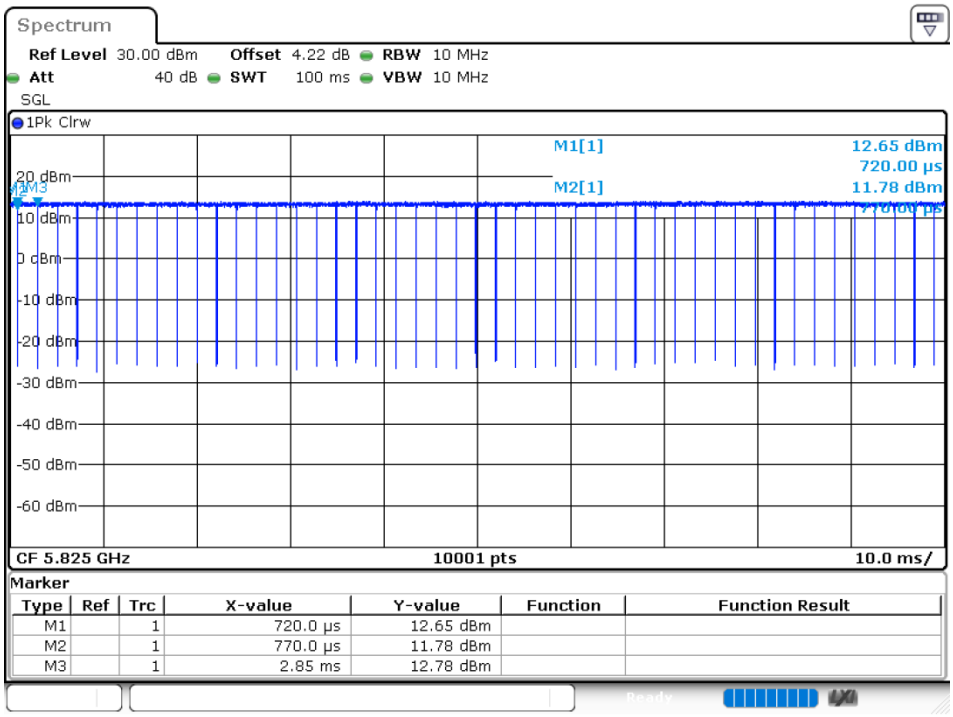
Duty Cycle NVNT a 5745MHz Ant1



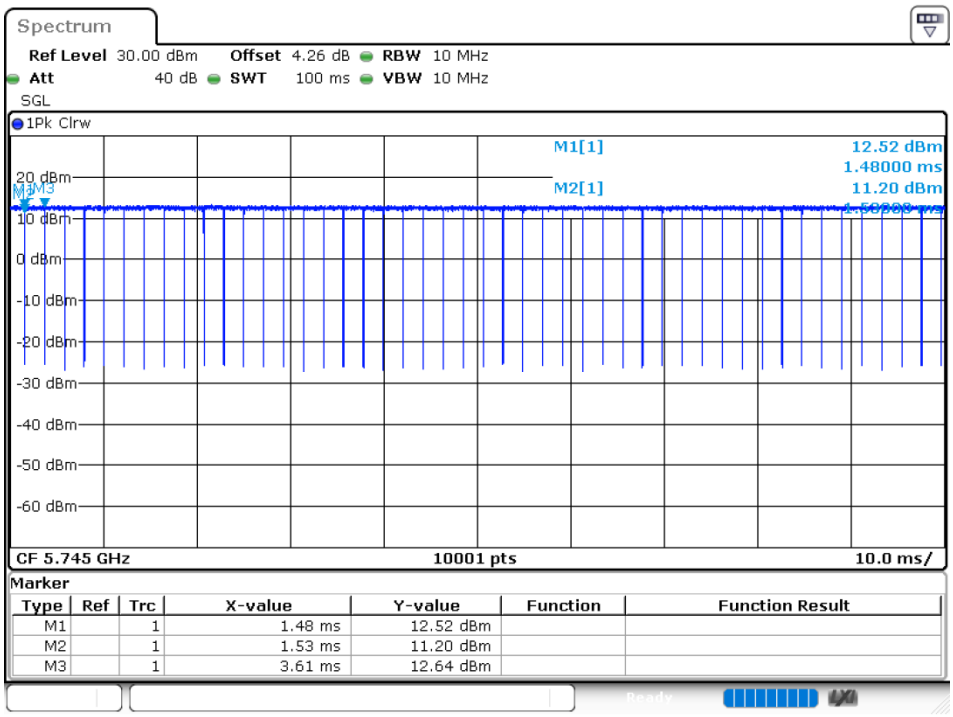
Duty Cycle NVNT a 5785MHz Ant1


Spectrum
Ref Level 30.00 dBm Offset 4.24 dB RBW 10 MHz
Att 40 dB SWT 100 ms VBW 10 MHz
SGL
1Pk Clrw
M1[1] 12.51 dBm
1.57000 ms
M2[1] 11.78 dBm
1.61000 ms
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
CF 5.785 GHz
10001 pts
10.0 ms/
Marker
Type Ref Trc X-value Y-value Function Function Result
M1 1 1.57 ms 12.51 dBm
M2 1 1.61 ms 11.78 dBm
M3 1 3.7 ms 13.08 dBm

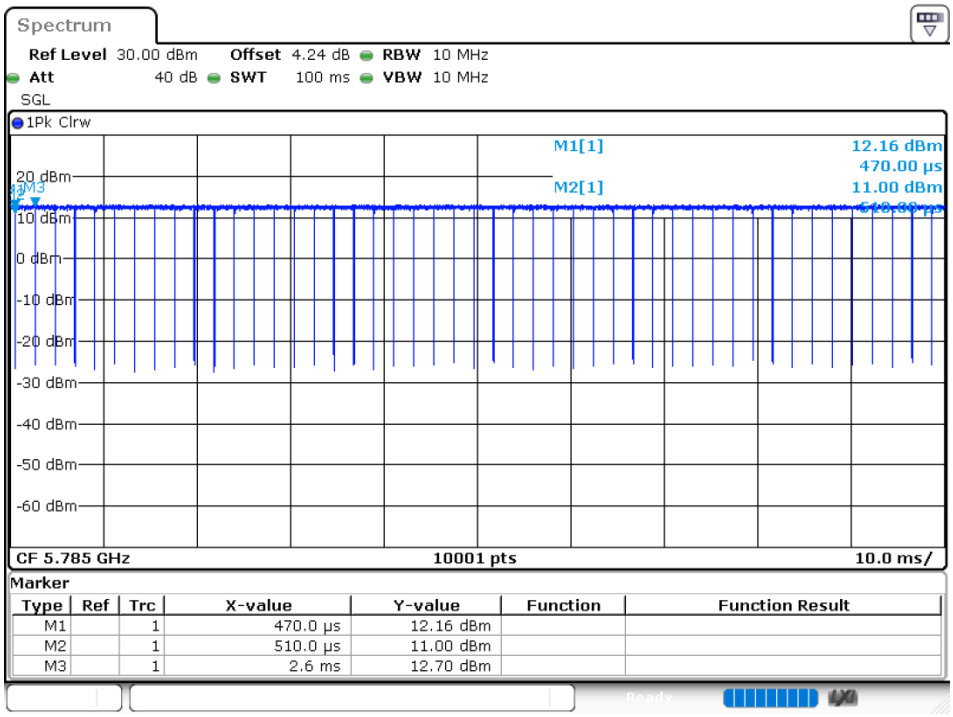
Duty Cycle NVNT a 5825MHz Ant1



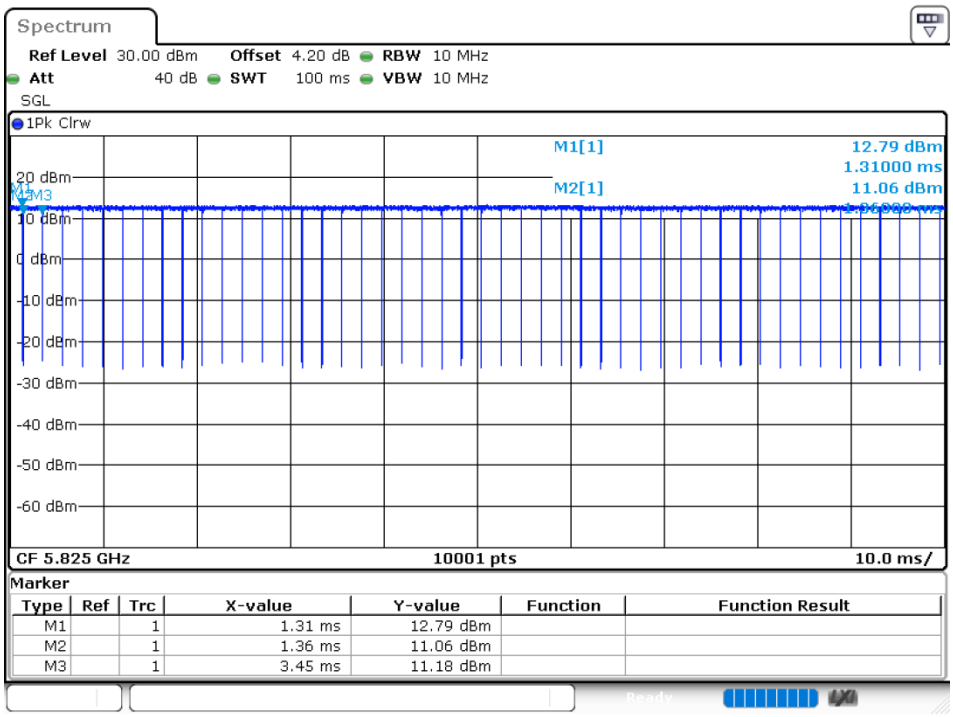
Duty Cycle NVNT a 5745MHz Ant2



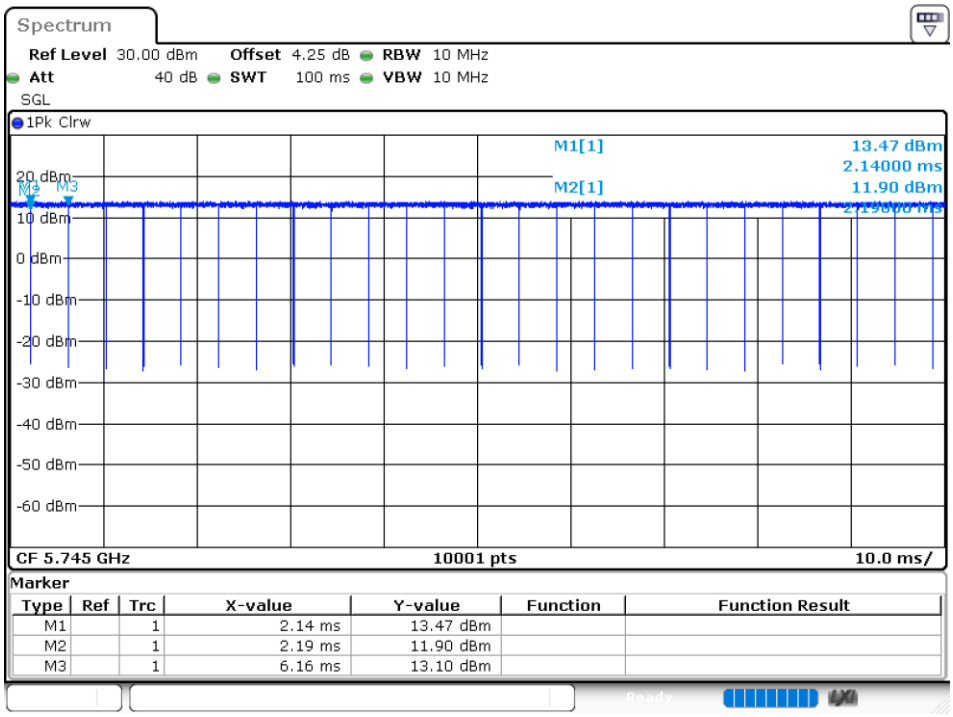
Duty Cycle NVNT a 5785MHz Ant2



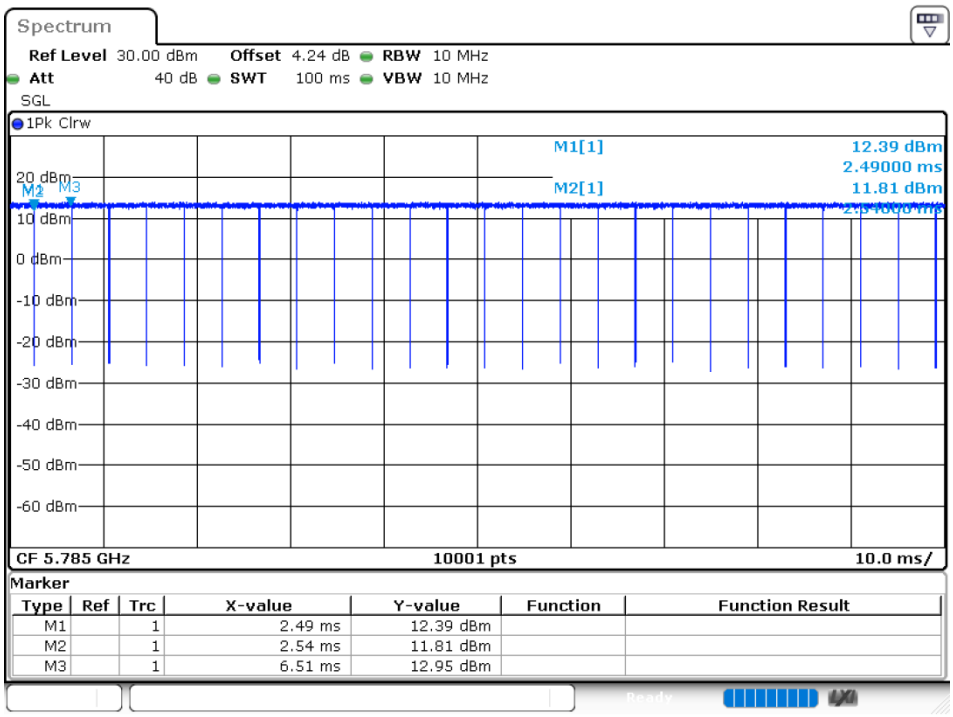
Duty Cycle NVNT a 5825MHz Ant2



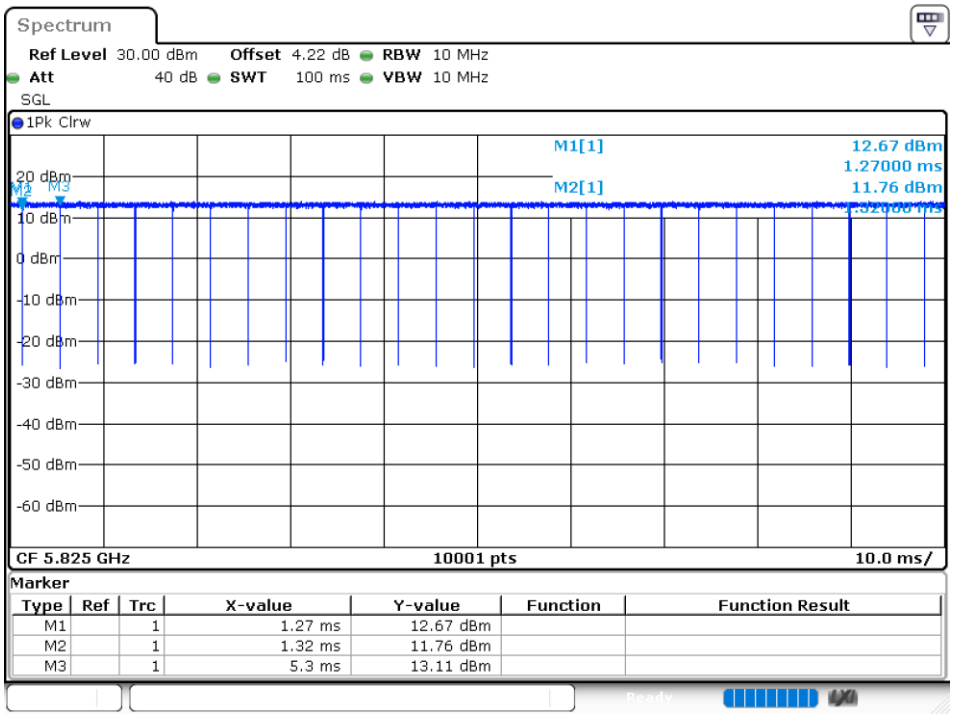
Duty Cycle NVNT n20 5745MHz Ant1



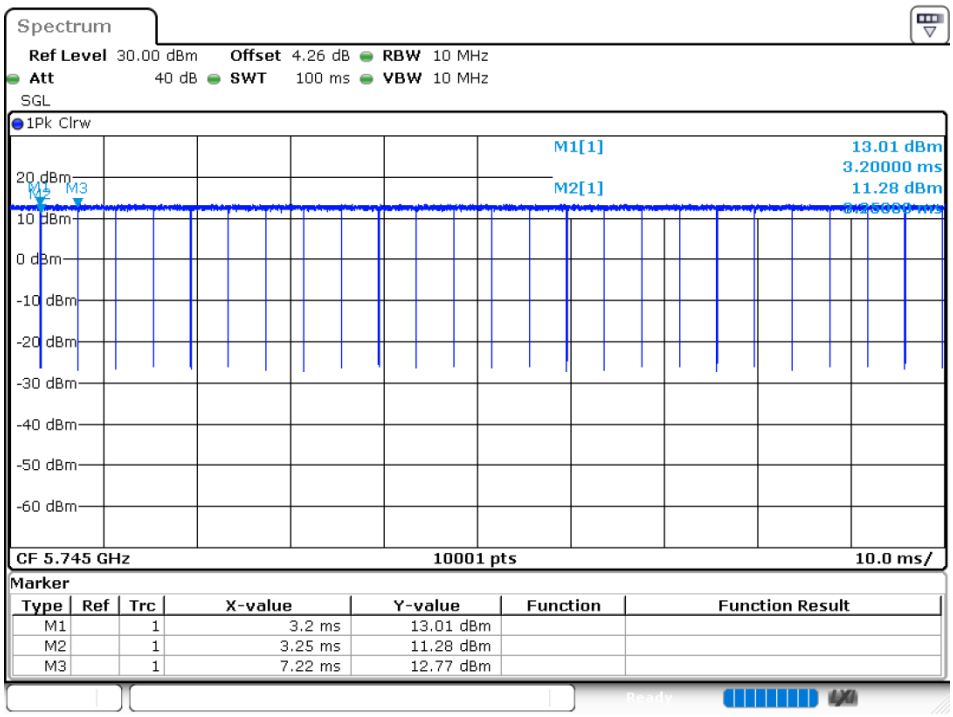
Duty Cycle NVNT n20 5785MHz Ant1



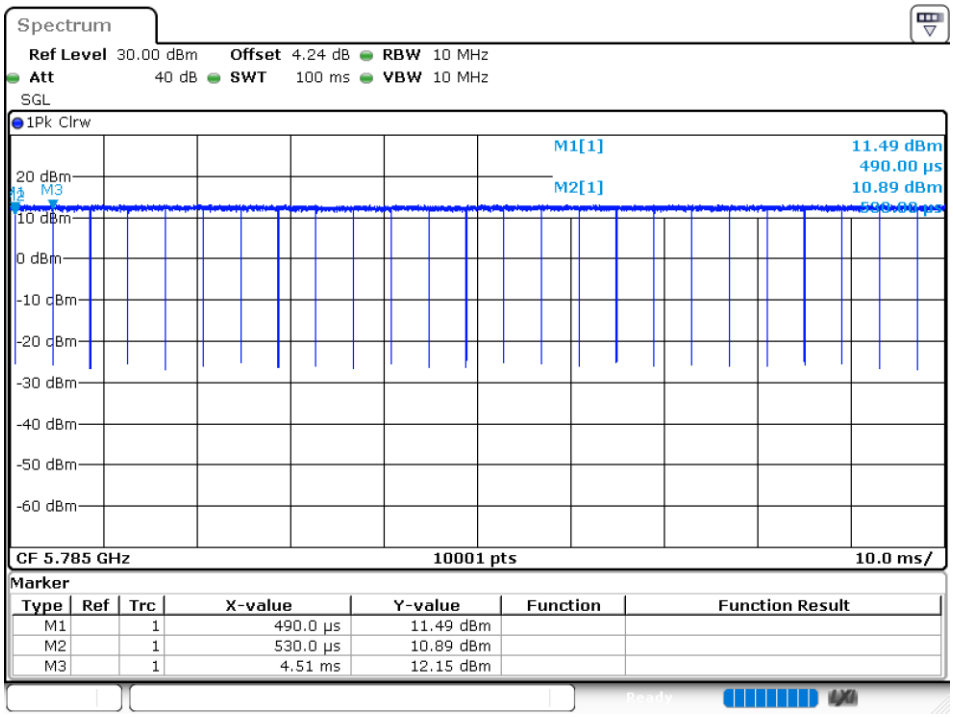
Duty Cycle NVNT n20 5825MHz Ant1



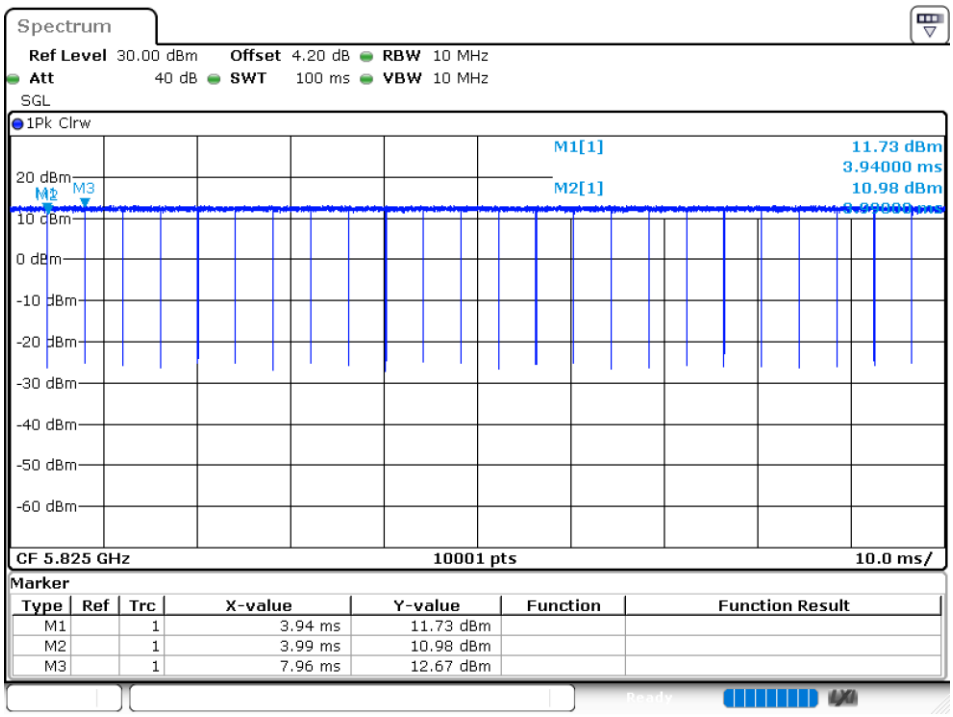
Duty Cycle NVNT n20 5745MHz Ant2



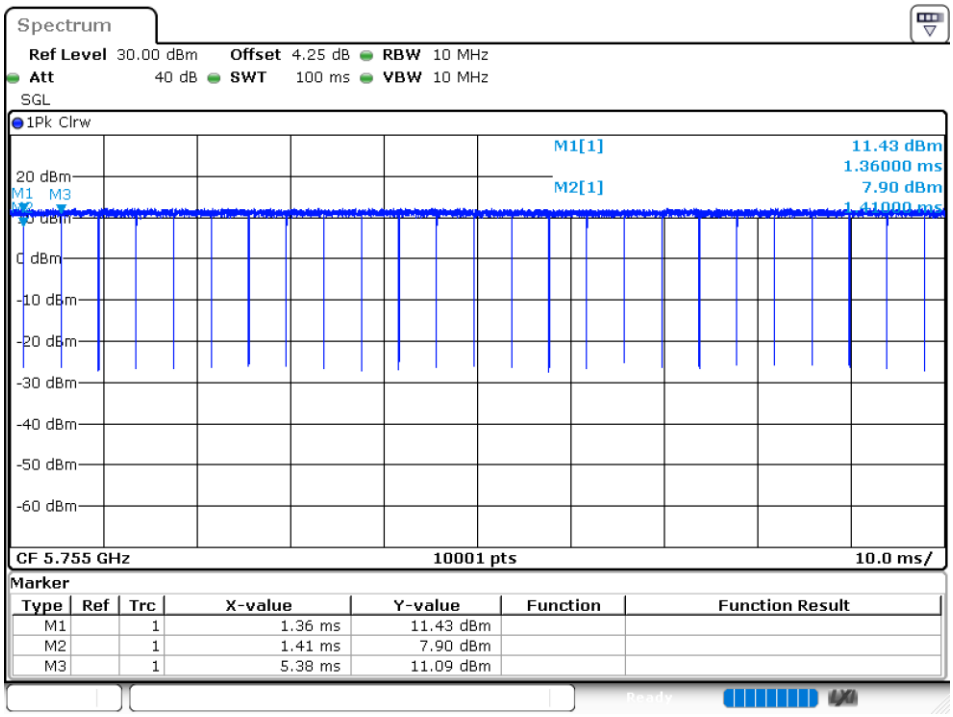
Duty Cycle NVNT n20 5785MHz Ant2



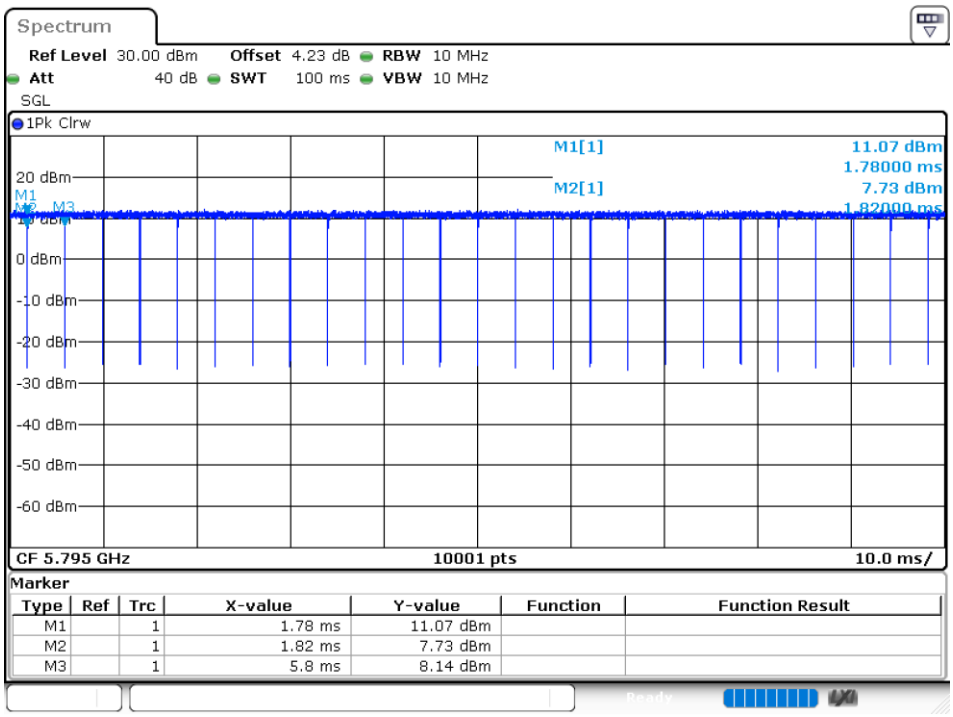
Duty Cycle NVNT n20 5825MHz Ant2



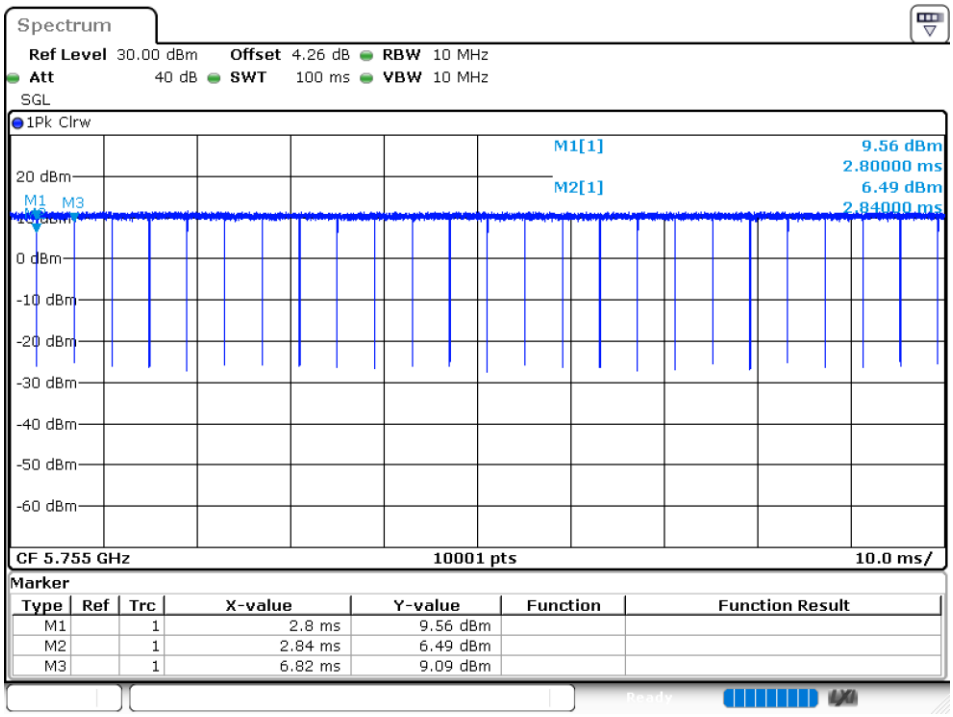
Duty Cycle NVNT n40 5755MHz Ant1



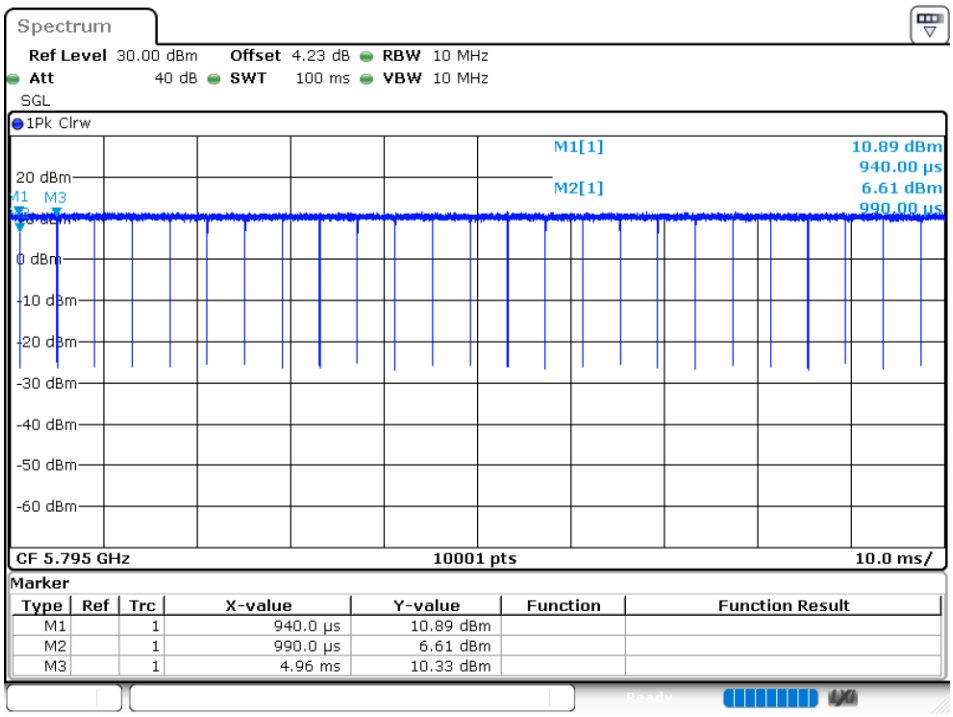
Duty Cycle NVNT n40 5795MHz Ant1



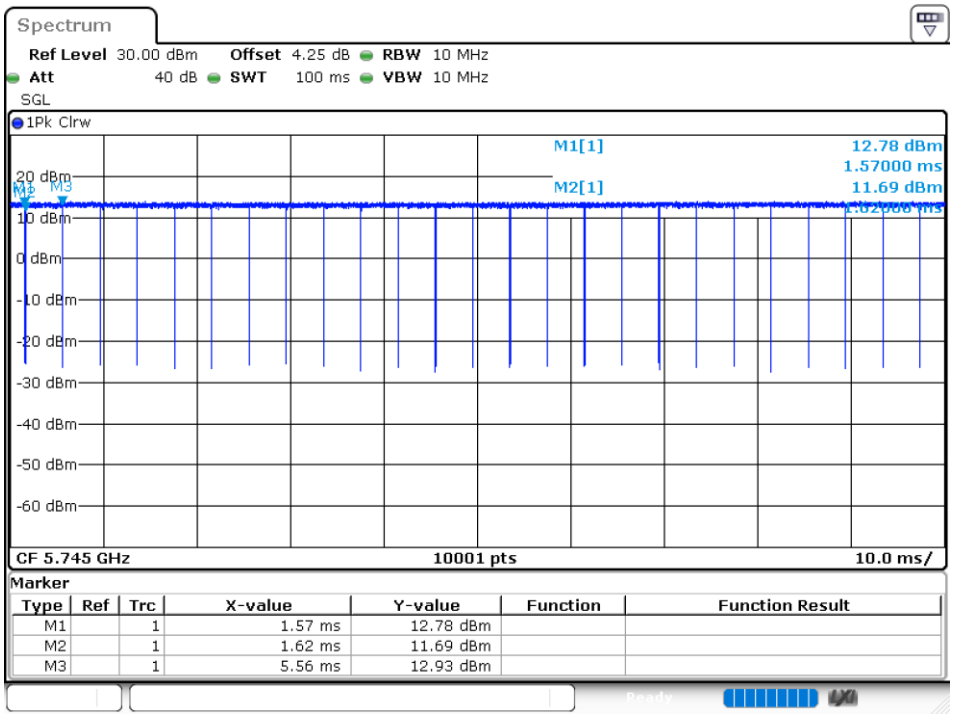
Duty Cycle NVNT n40 5755MHz Ant2



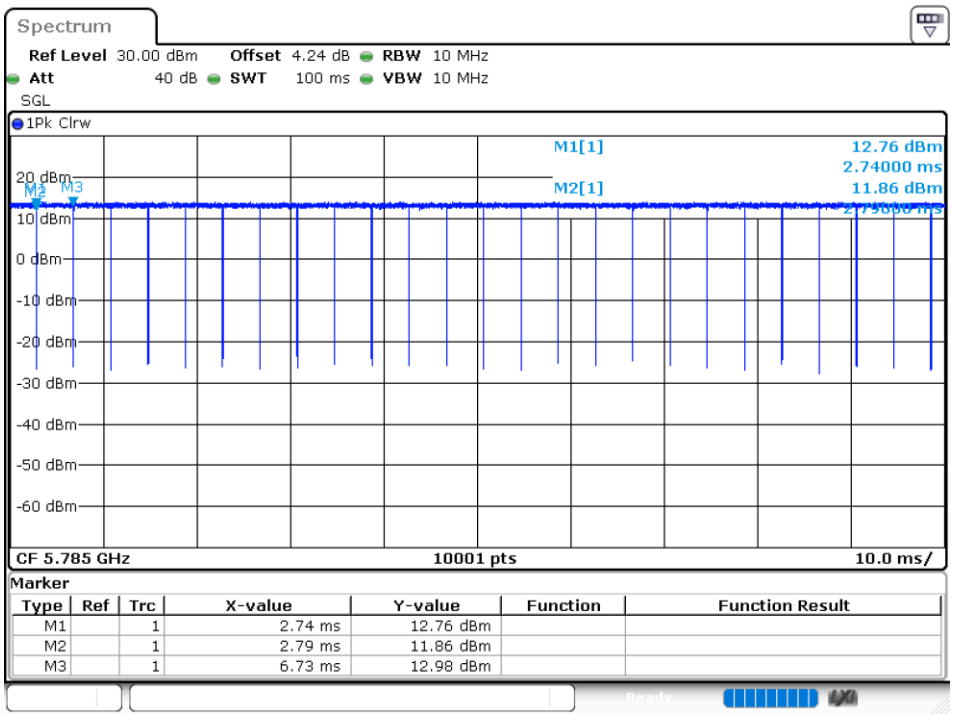
Duty Cycle NVNT n40 5795MHz Ant2



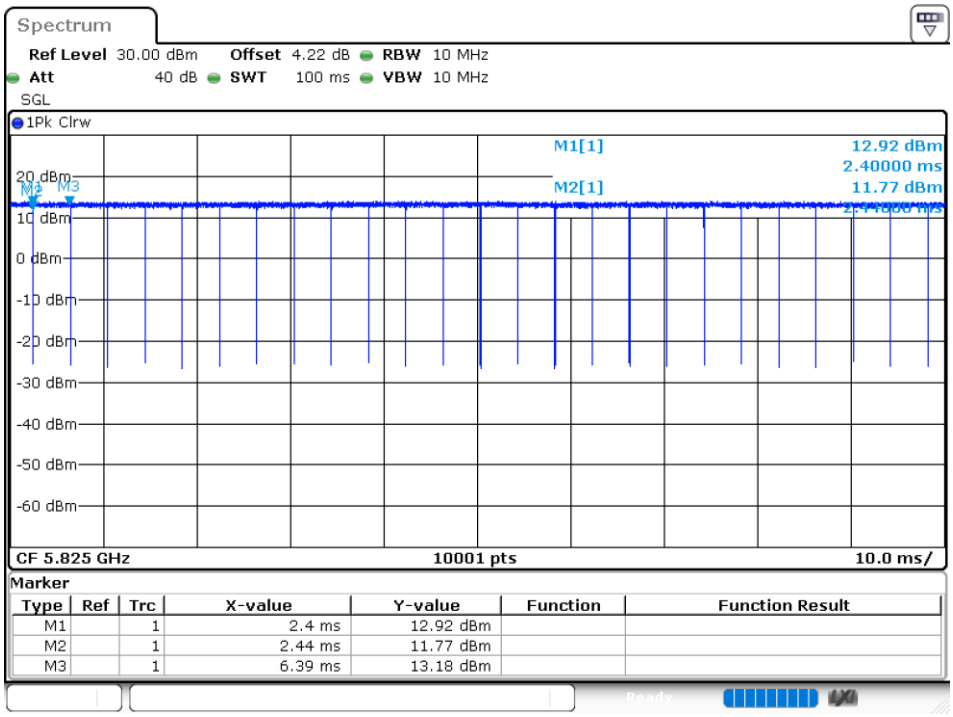
Duty Cycle NVNT ac20 5745MHz Ant1



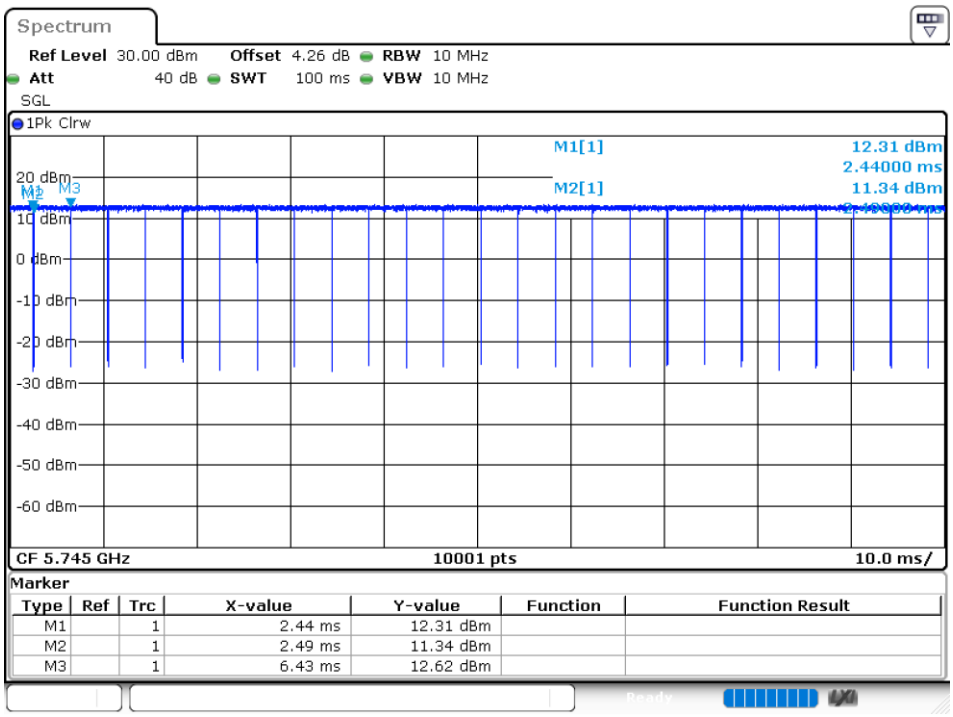
Duty Cycle NVNT ac20 5785MHz Ant1



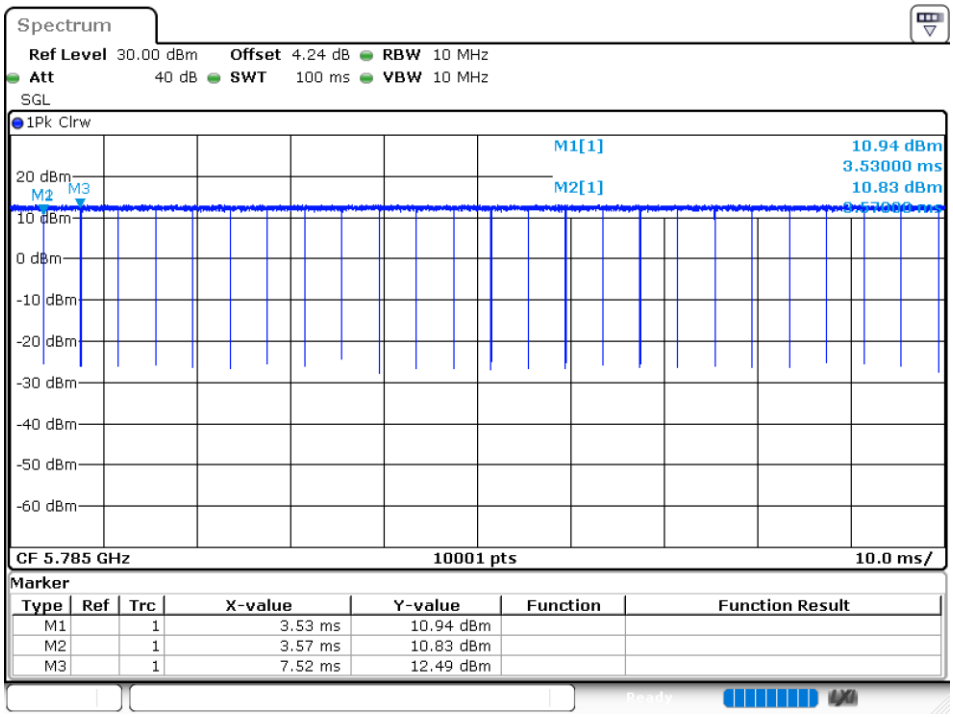
Duty Cycle NVNT ac20 5825MHz Ant1



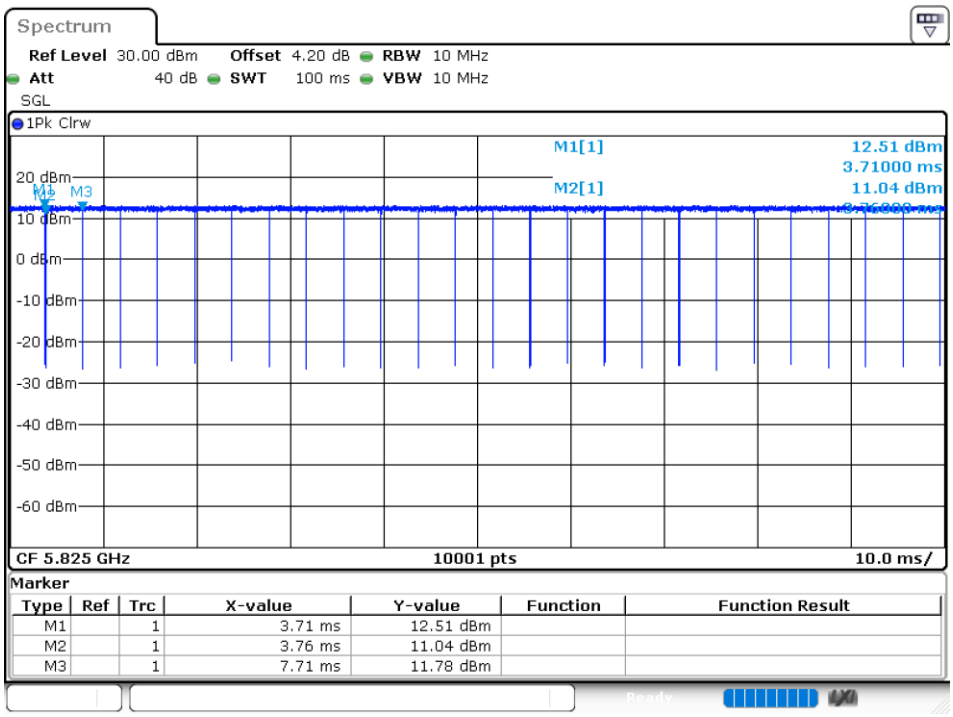
Duty Cycle NVNT ac20 5745MHz Ant2



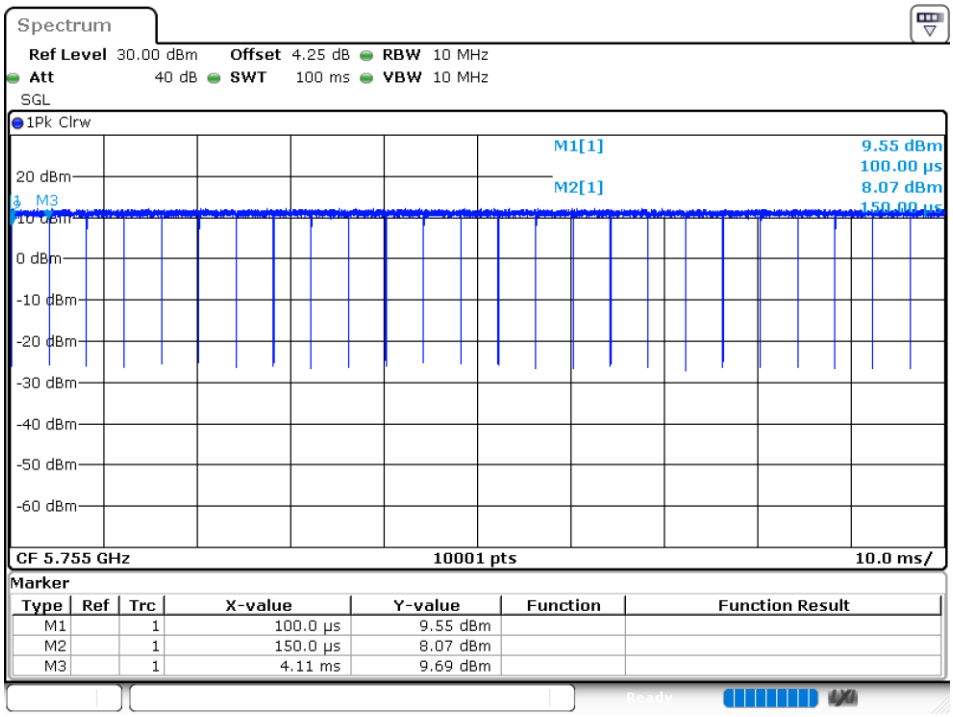
Duty Cycle NVNT ac20 5785MHz Ant2



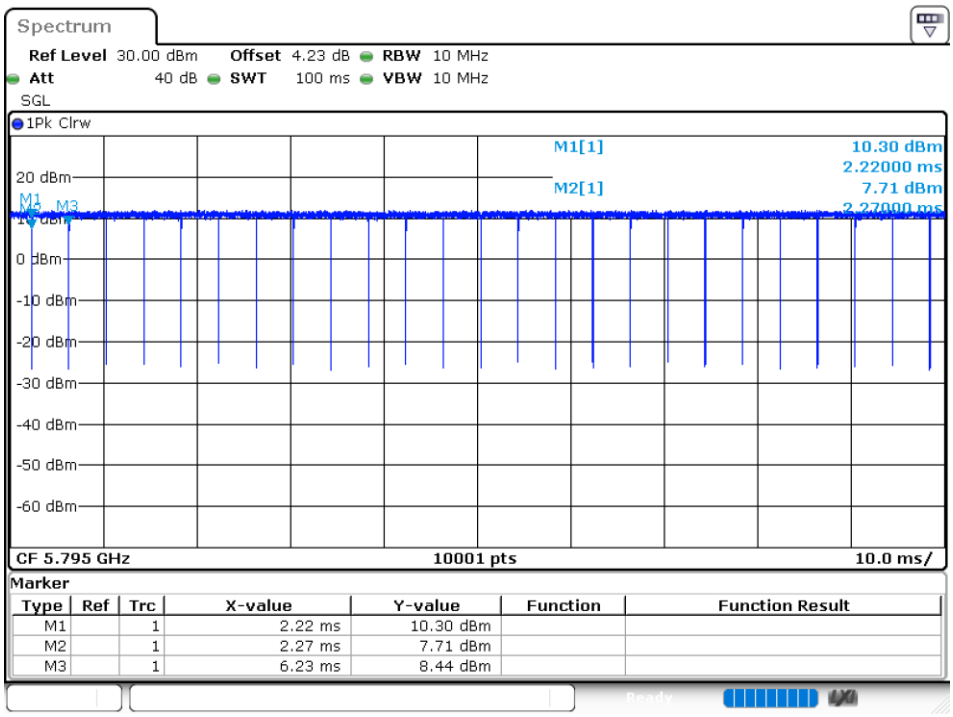
Duty Cycle NVNT ac20 5825MHz Ant2



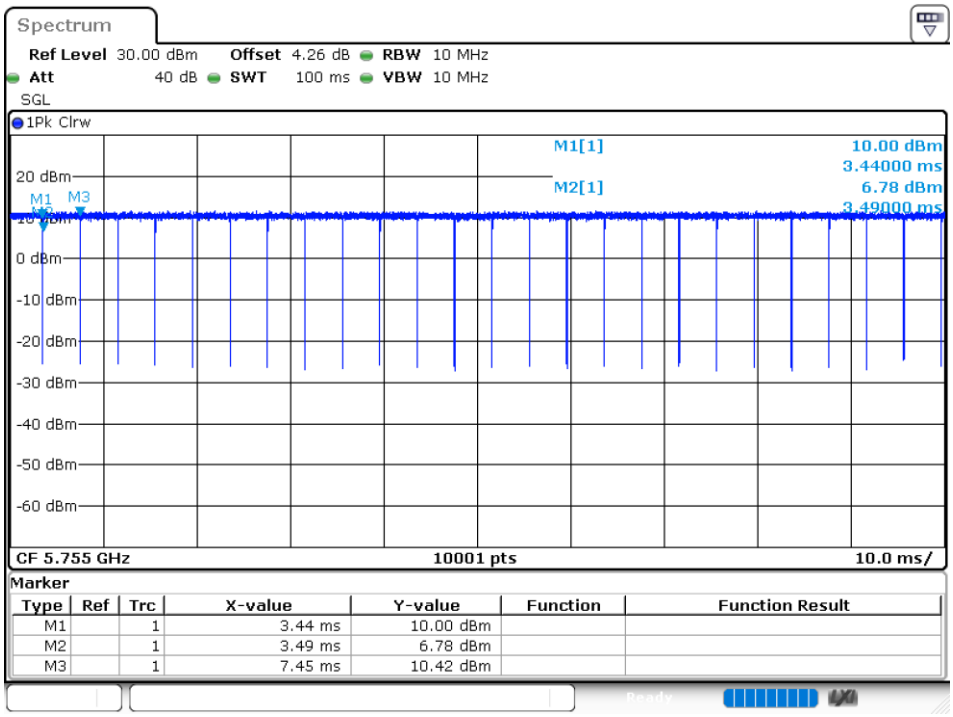
Duty Cycle NVNT ac40 5755MHz Ant1



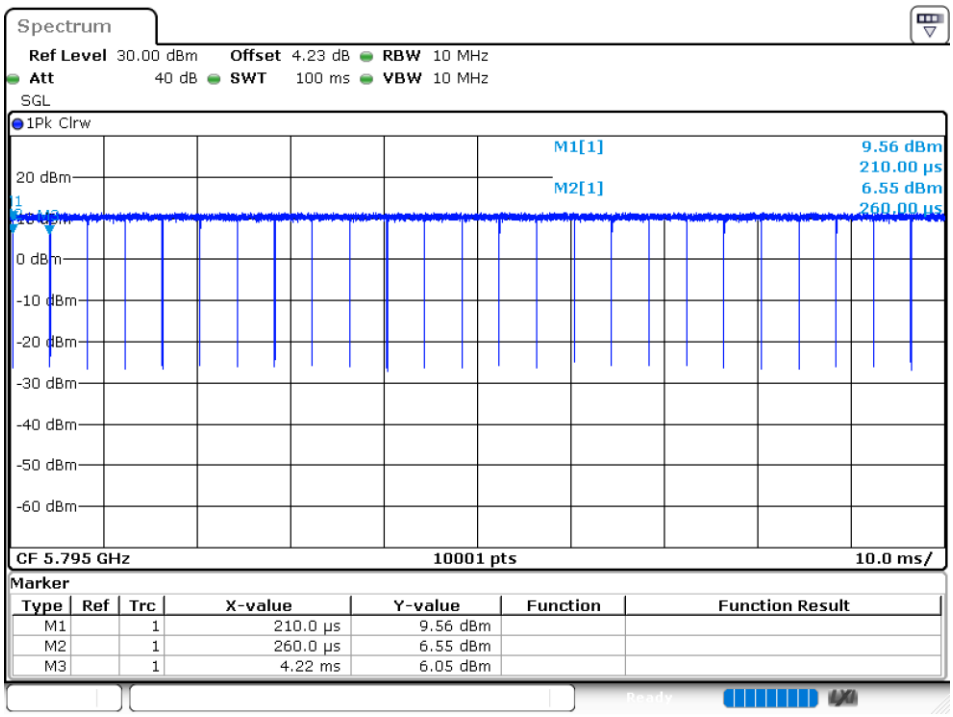
Duty Cycle NVNT ac40 5795MHz Ant1



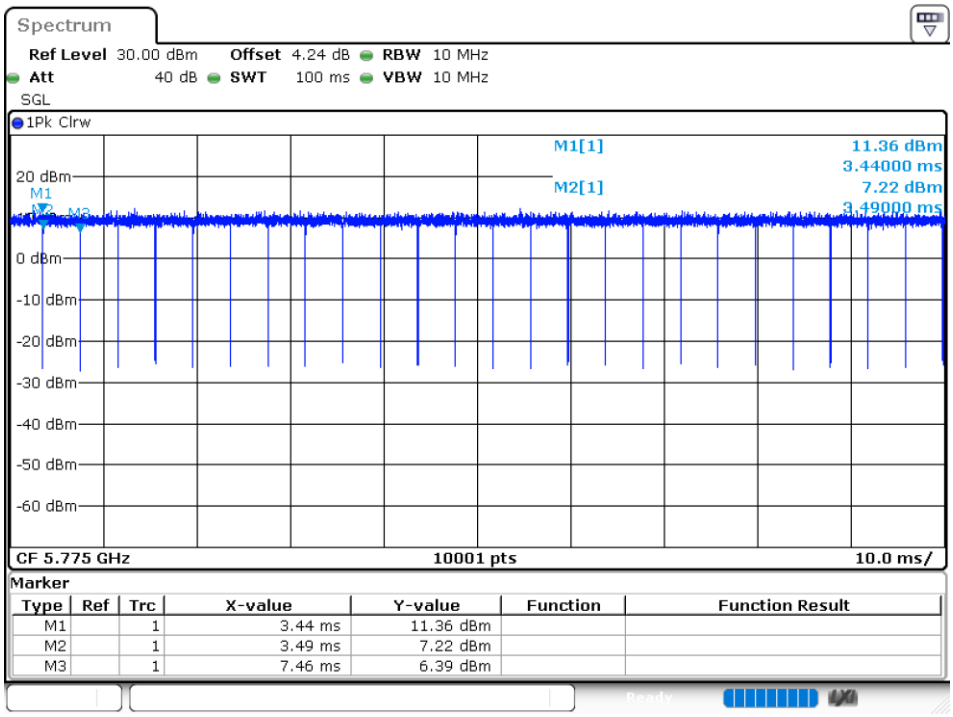
Duty Cycle NVNT ac40 5755MHz Ant2



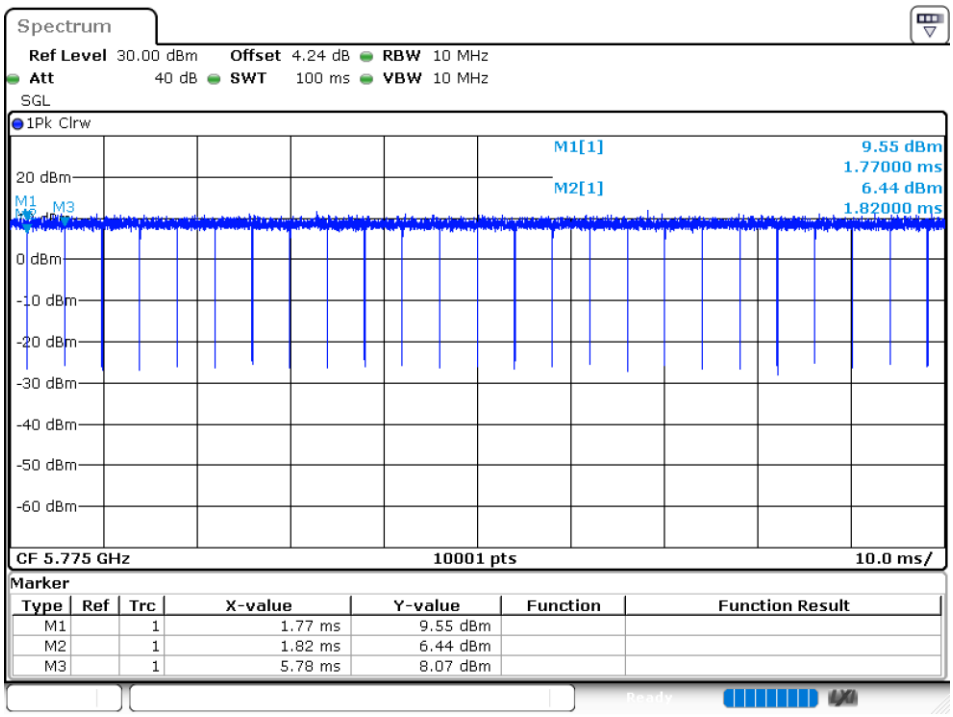
Duty Cycle NVNT ac40 5795MHz Ant2



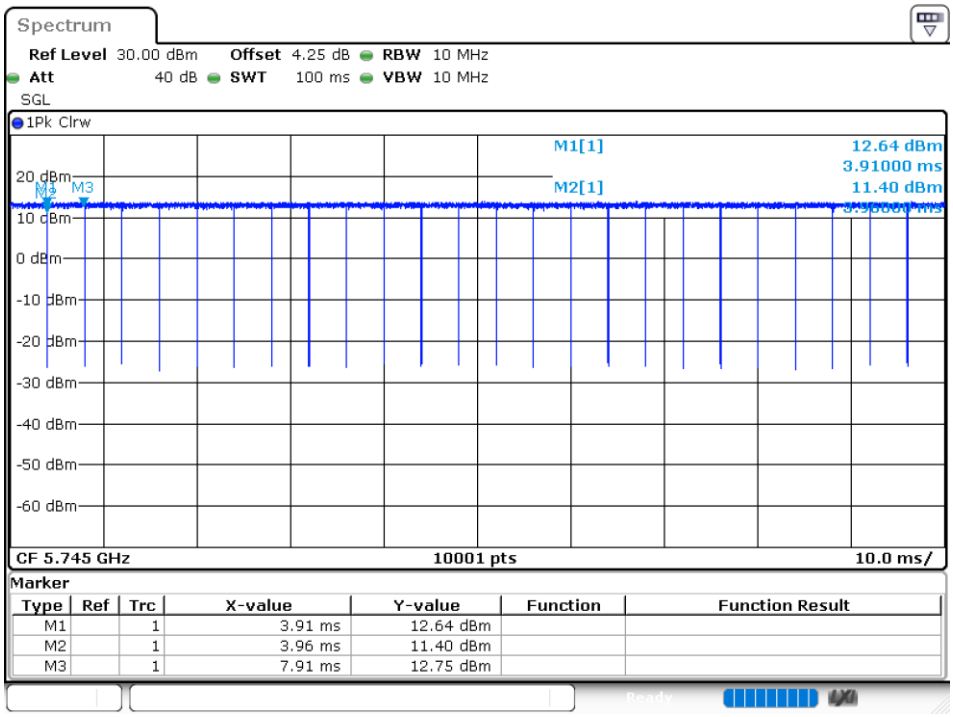
Duty Cycle NVNT ac80 5775MHz Ant1



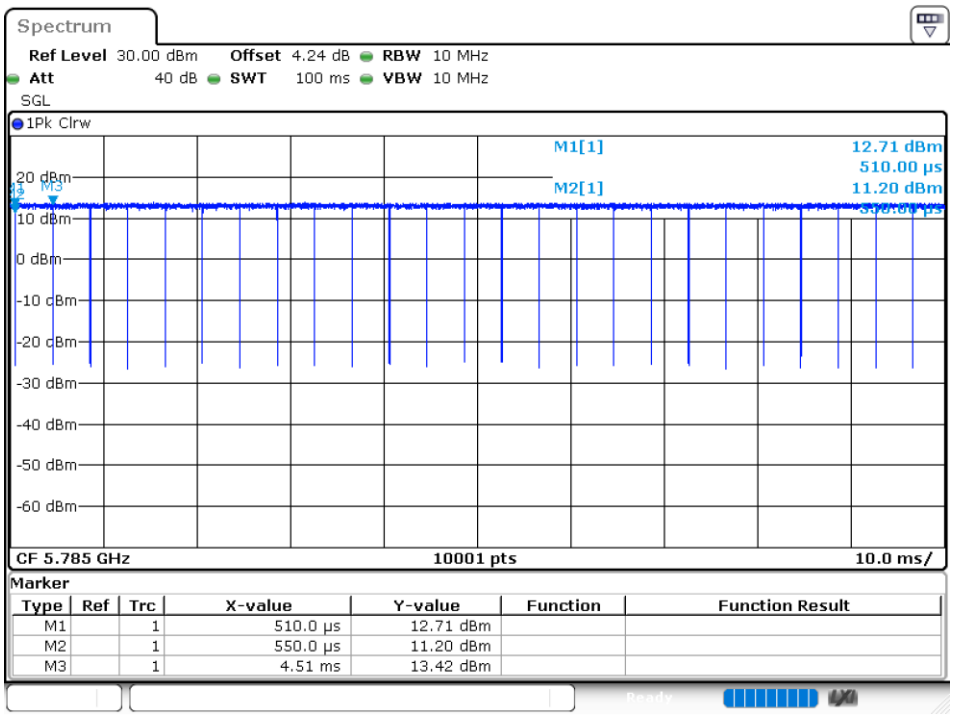
Duty Cycle NVNT ac80 5775MHz Ant2



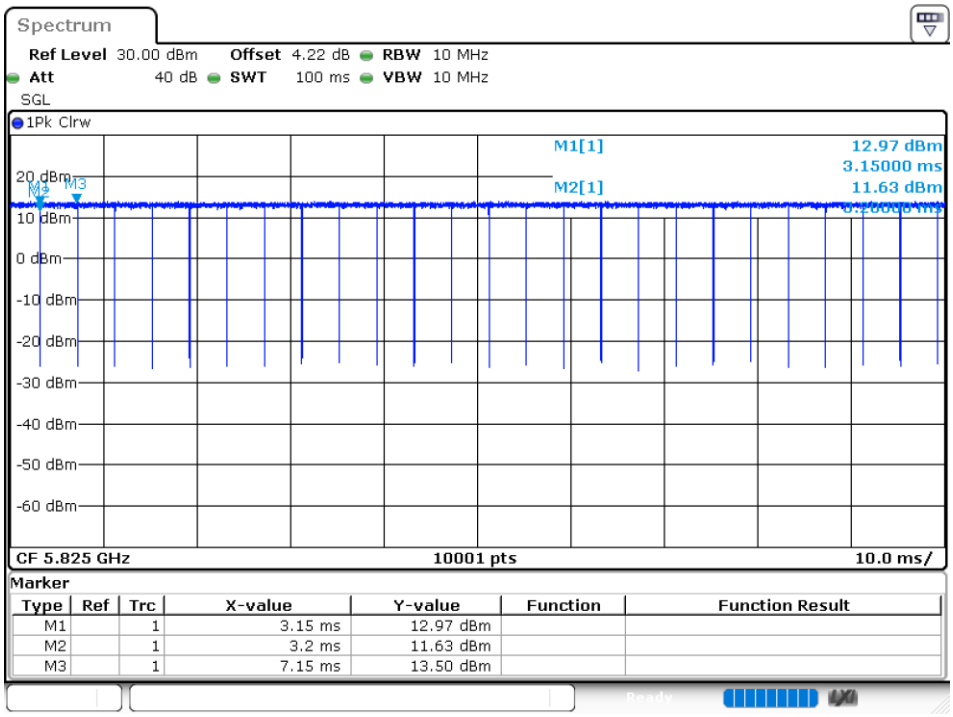
Duty Cycle NVNT ax20 5745MHz Ant1



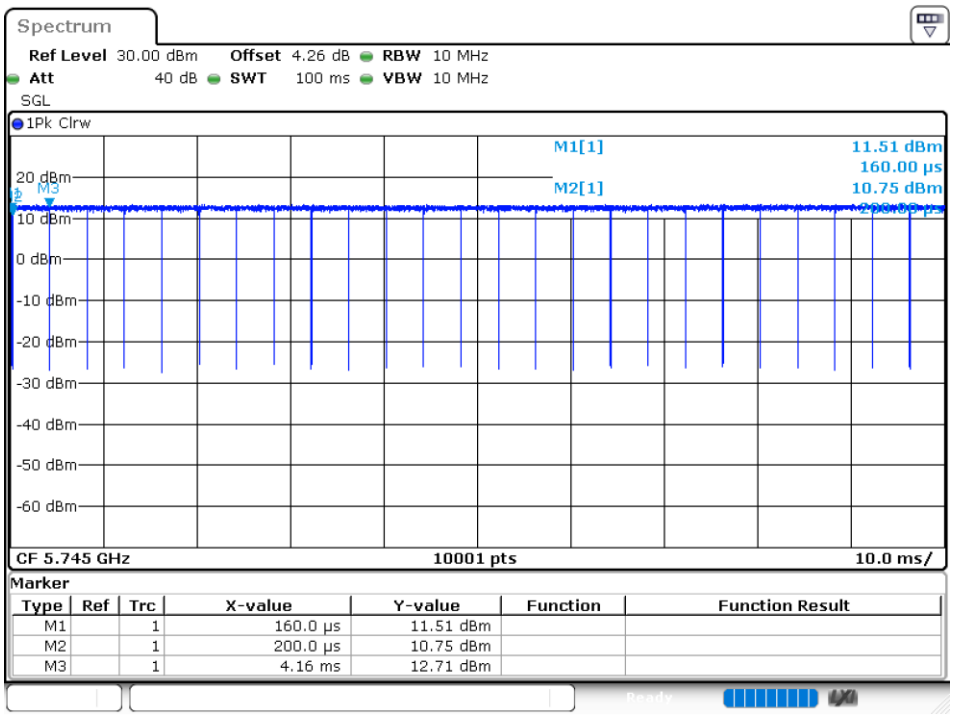
Duty Cycle NVNT ax20 5785MHz Ant1



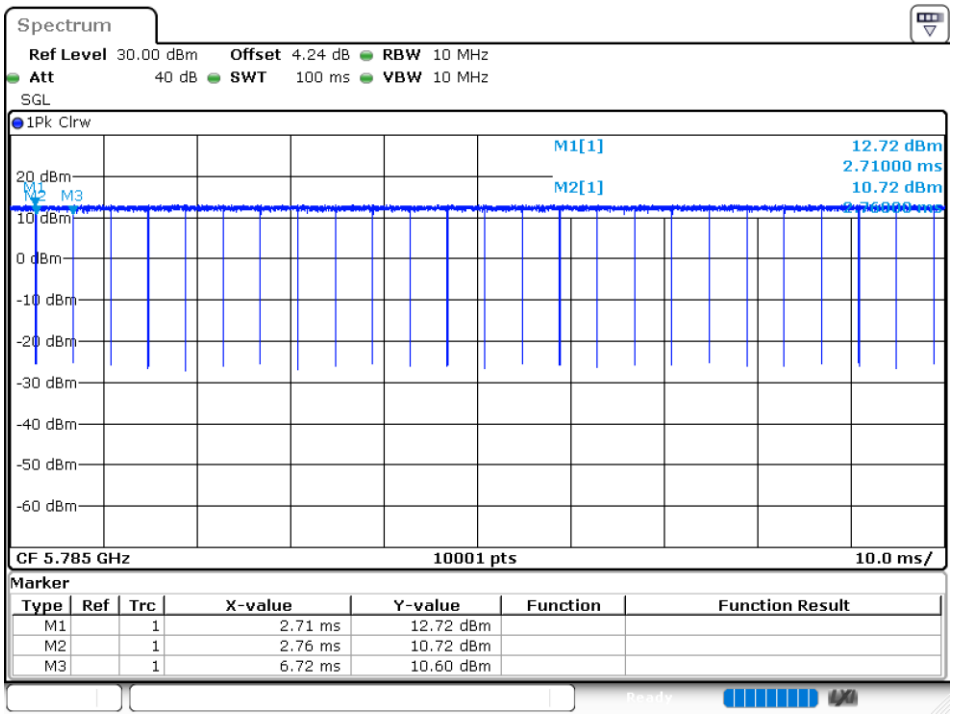
Duty Cycle NVNT ax20 5825MHz Ant1



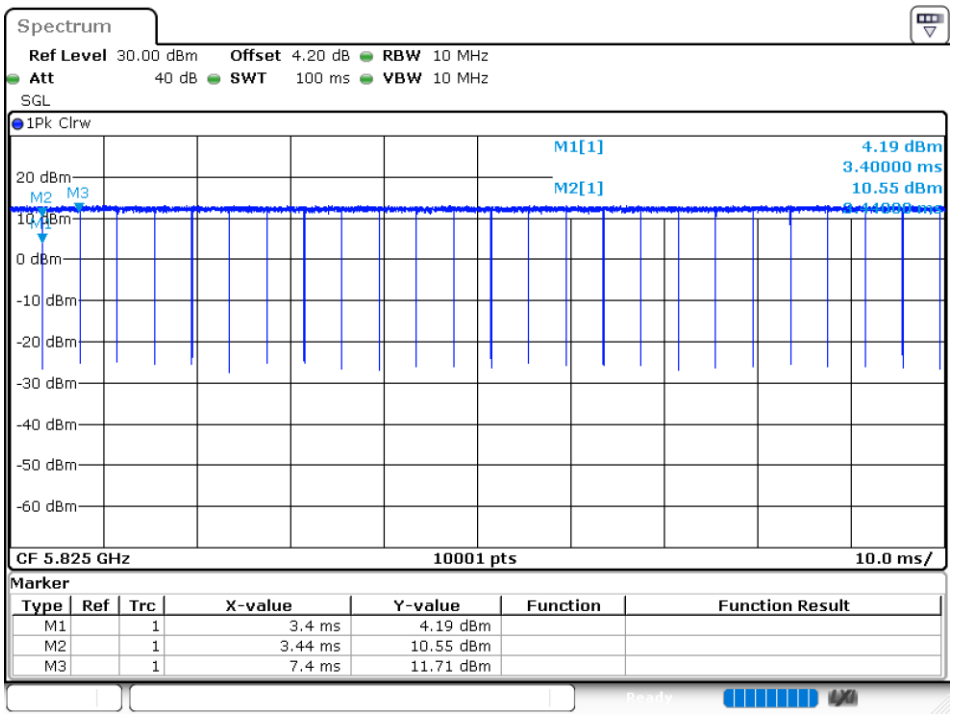
Duty Cycle NVNT ax20 5745MHz Ant2



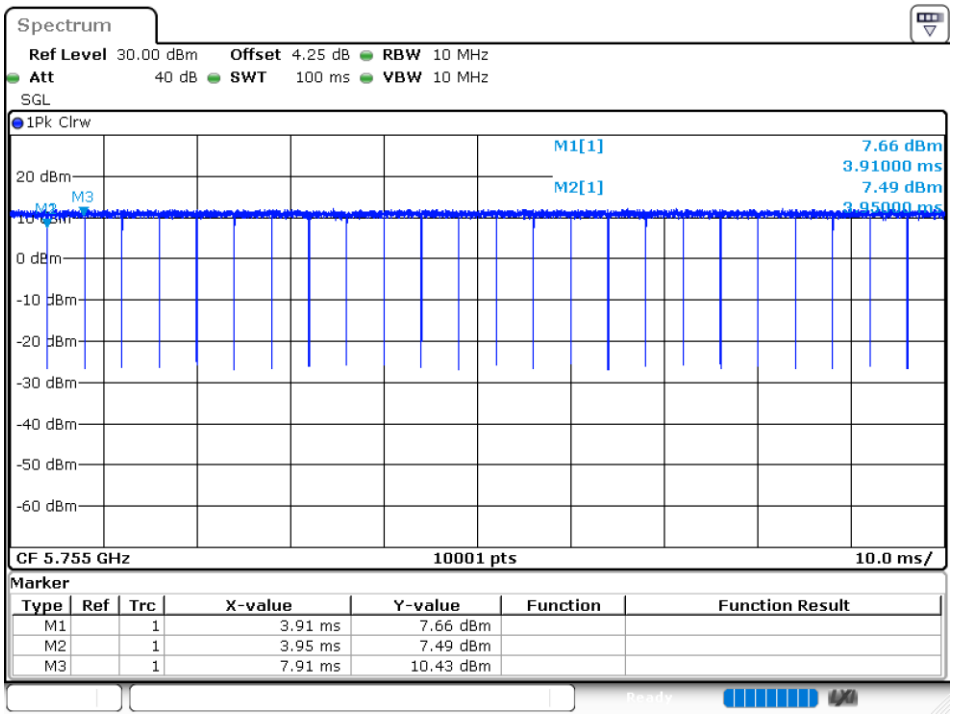
Duty Cycle NVNT ax20 5785MHz Ant2



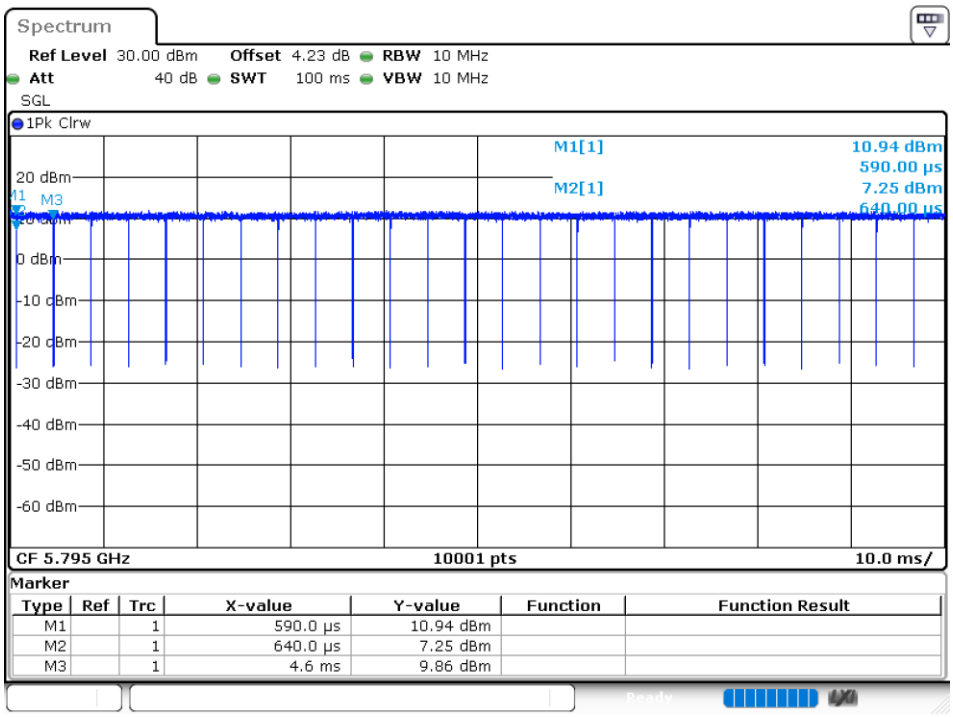
Duty Cycle NVNT ax20 5825MHz Ant2



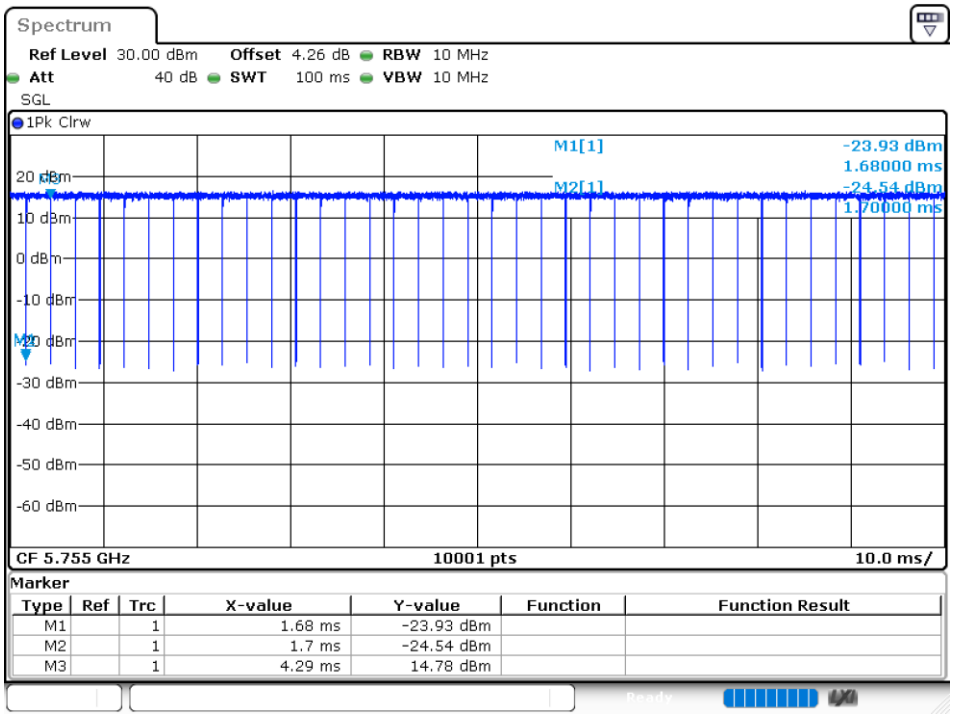
Duty Cycle NVNT ax40 5755MHz Ant1



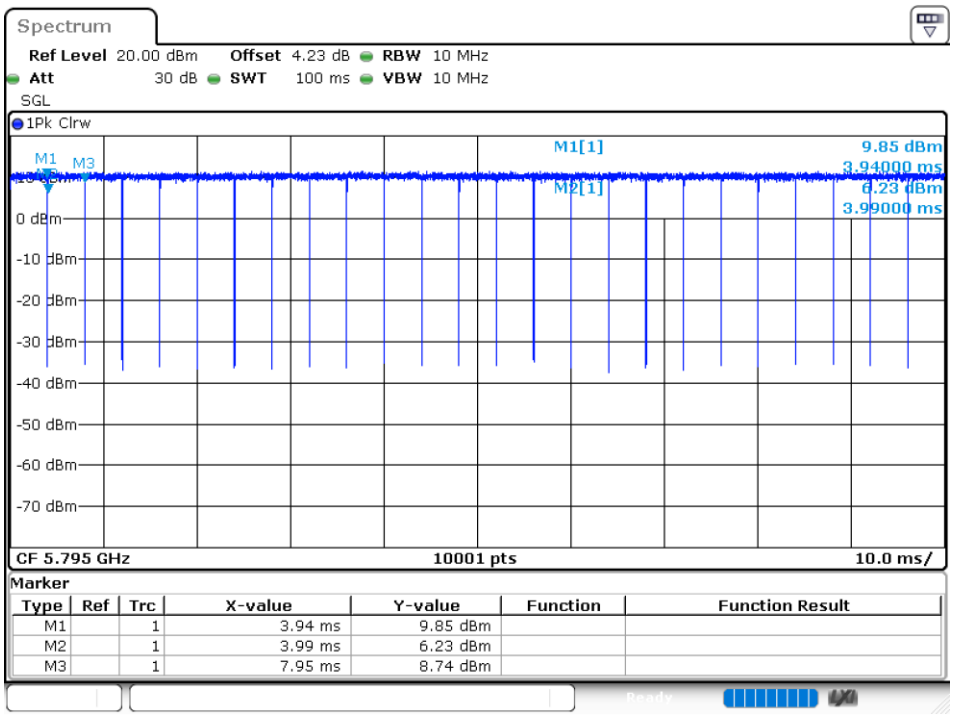
Duty Cycle NVNT ax40 5795MHz Ant1



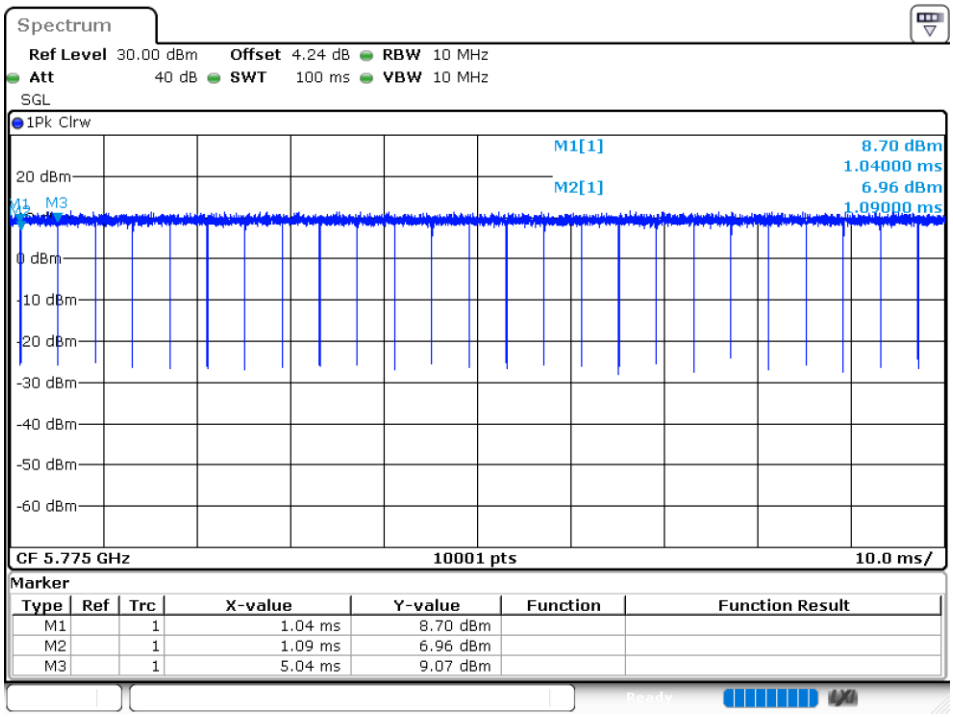
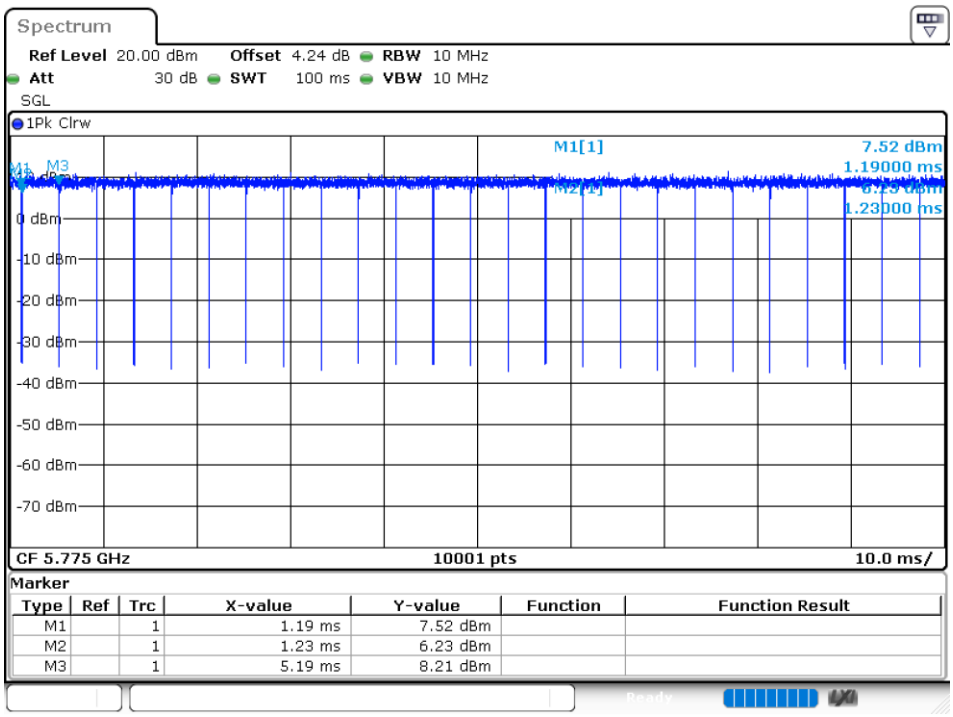
Duty Cycle NVNT ax40 5755MHz Ant2



Duty Cycle NVNT ax40 5795MHz Ant2



Duty Cycle NVNT ax80 5775MHz Ant1



Duty Cycle NVNT ax80 5775MHz Ant2