

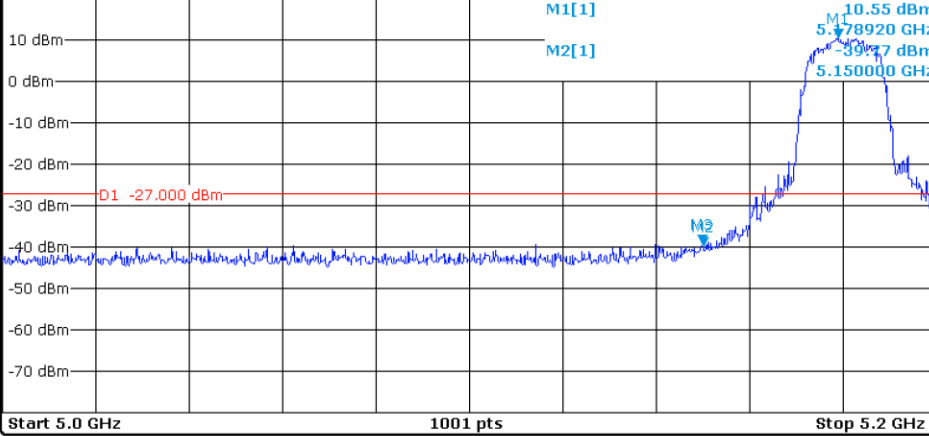
Test Graphs

Band Edge NVNT a 5180MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 6.93 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

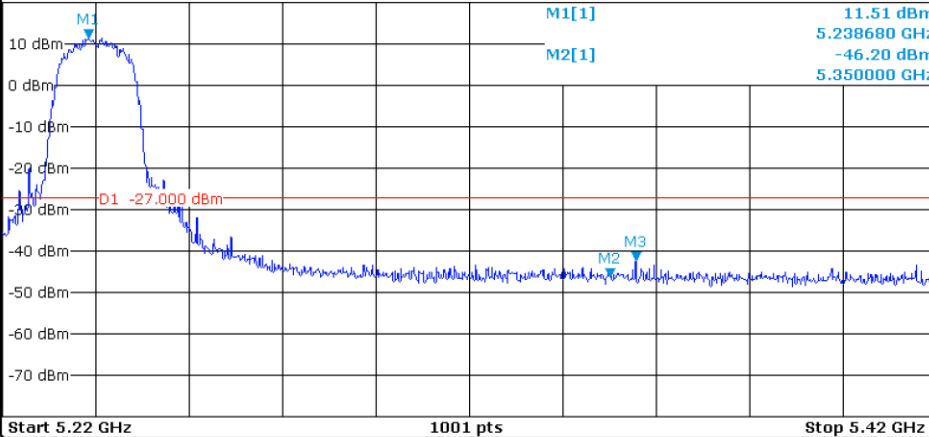
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.17892 GHz	10.55 dBm		
M2	1		5.15 GHz	-39.77 dBm		
M3	1		5.1498 GHz	-39.27 dBm		

Band Edge NVNT a 5240MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 7.01 dB RBW 1 MHz
Att 25 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

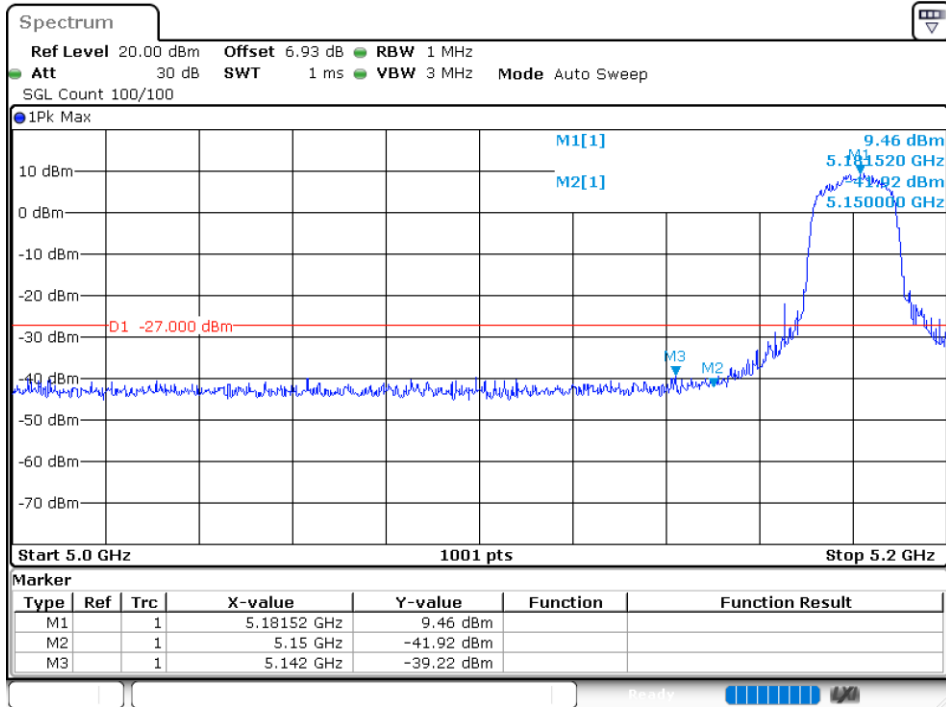
1Pk Max



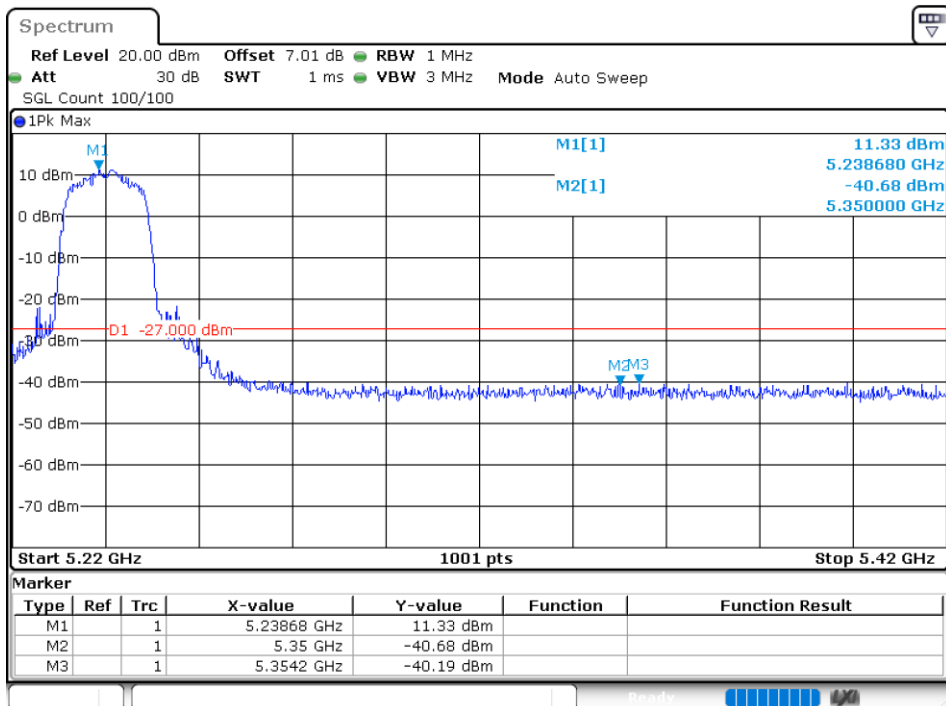
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.23868 GHz	11.51 dBm		
M2	1		5.35 GHz	-46.20 dBm		
M3	1		5.3556 GHz	-42.31 dBm		

Band Edge NVNT n20 5180MHz Low Ant1



Band Edge NVNT n20 5240MHz High Ant1

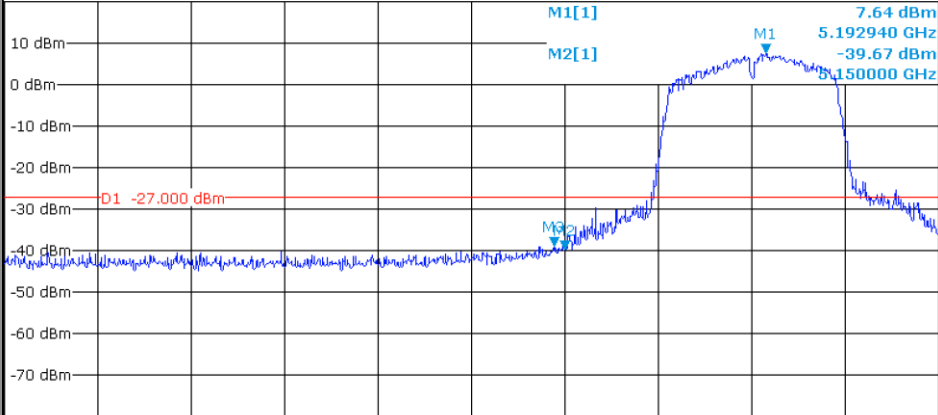


Band Edge NVNT n40 5190MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 6.93 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

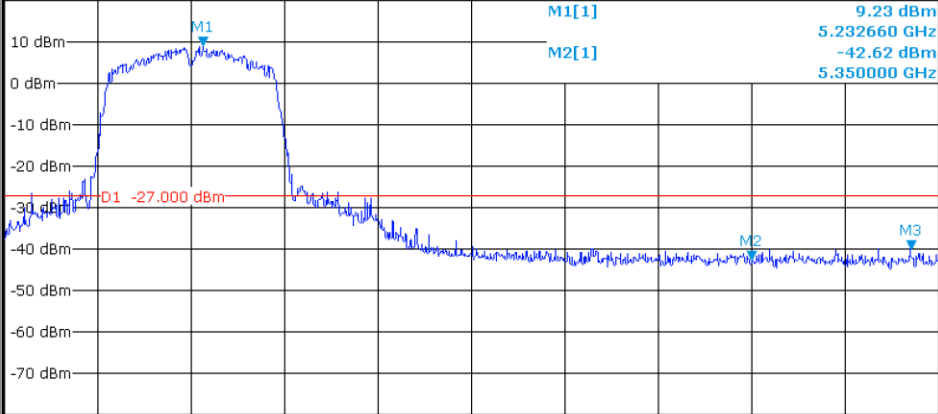
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.19294 GHz	7.64 dBm		
M2	1	1	5.15 GHz	-39.67 dBm		
M3	1	1	5.1478 GHz	-38.84 dBm		

Band Edge NVNT n40 5230MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 7.01 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

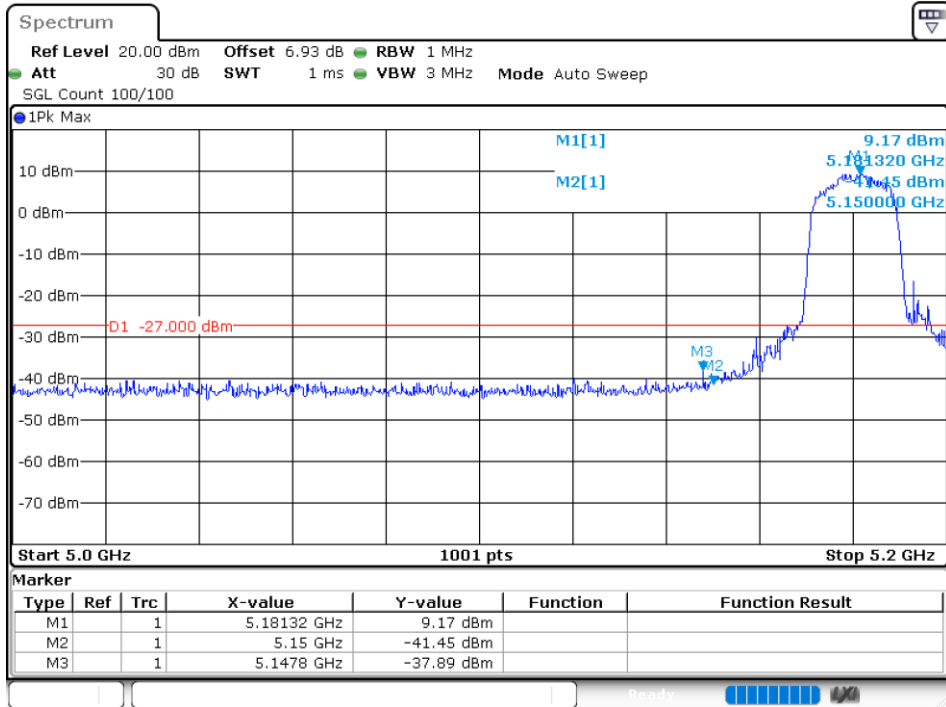
1Pk Max



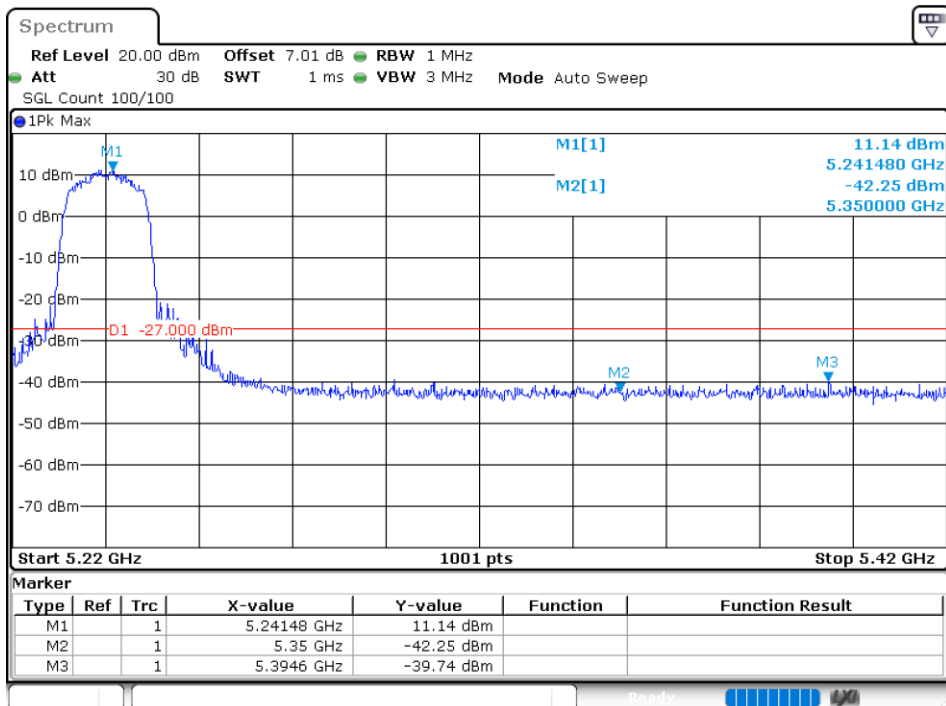
Marker

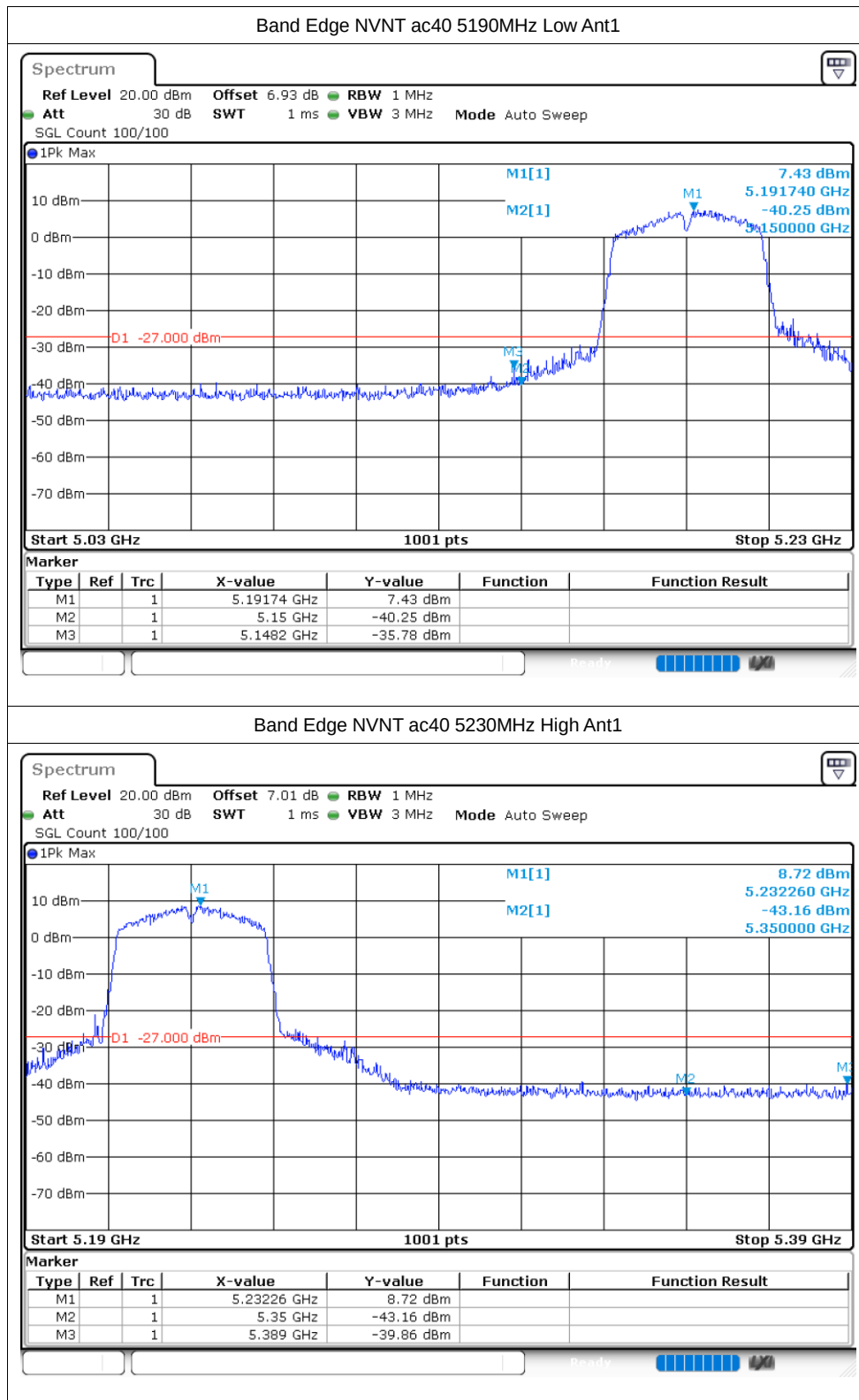
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.23266 GHz	9.23 dBm		
M2	1	1	5.35 GHz	-42.62 dBm		
M3	1	1	5.384 GHz	-39.87 dBm		

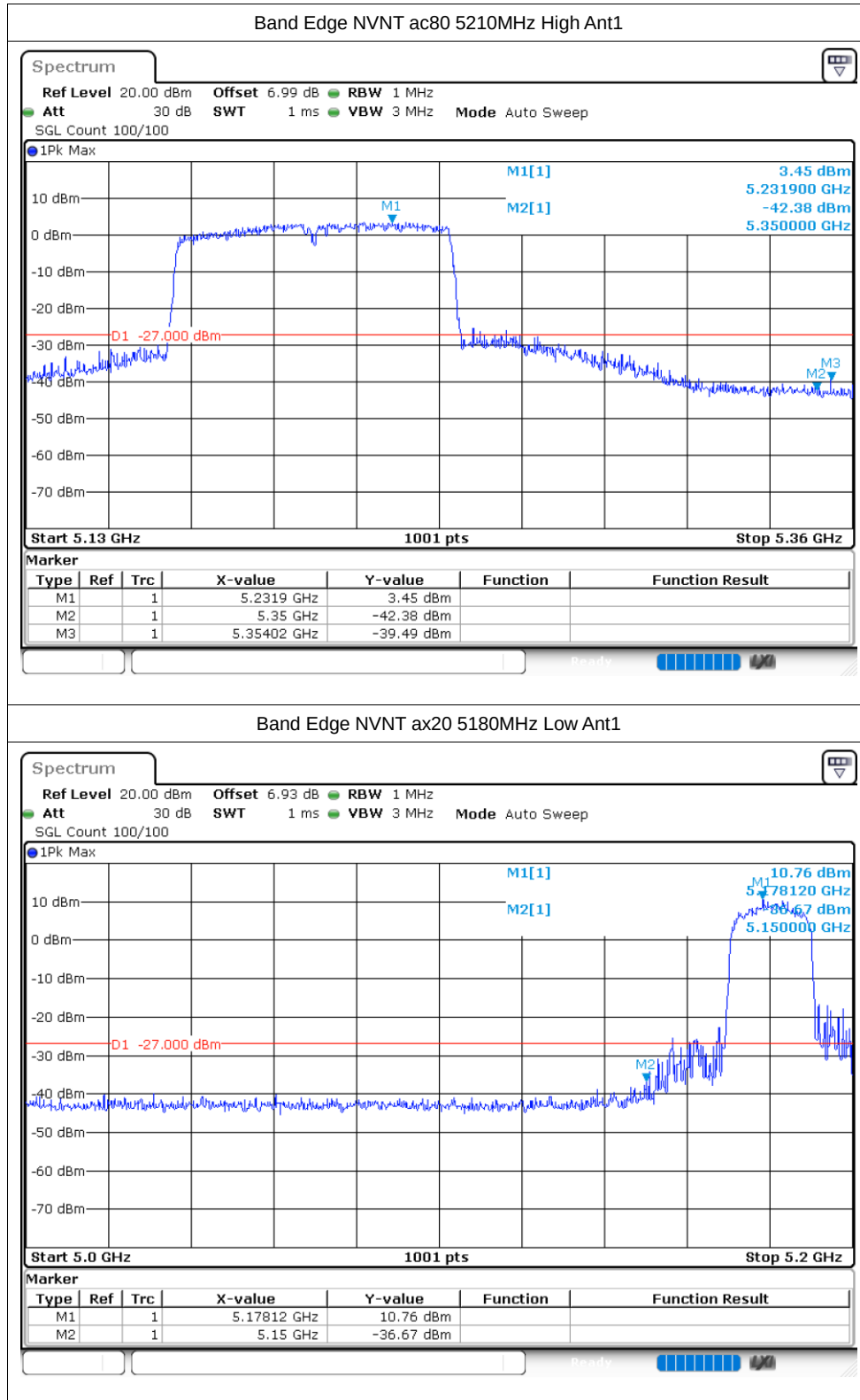
Band Edge NVNT ac20 5180MHz Low Ant1

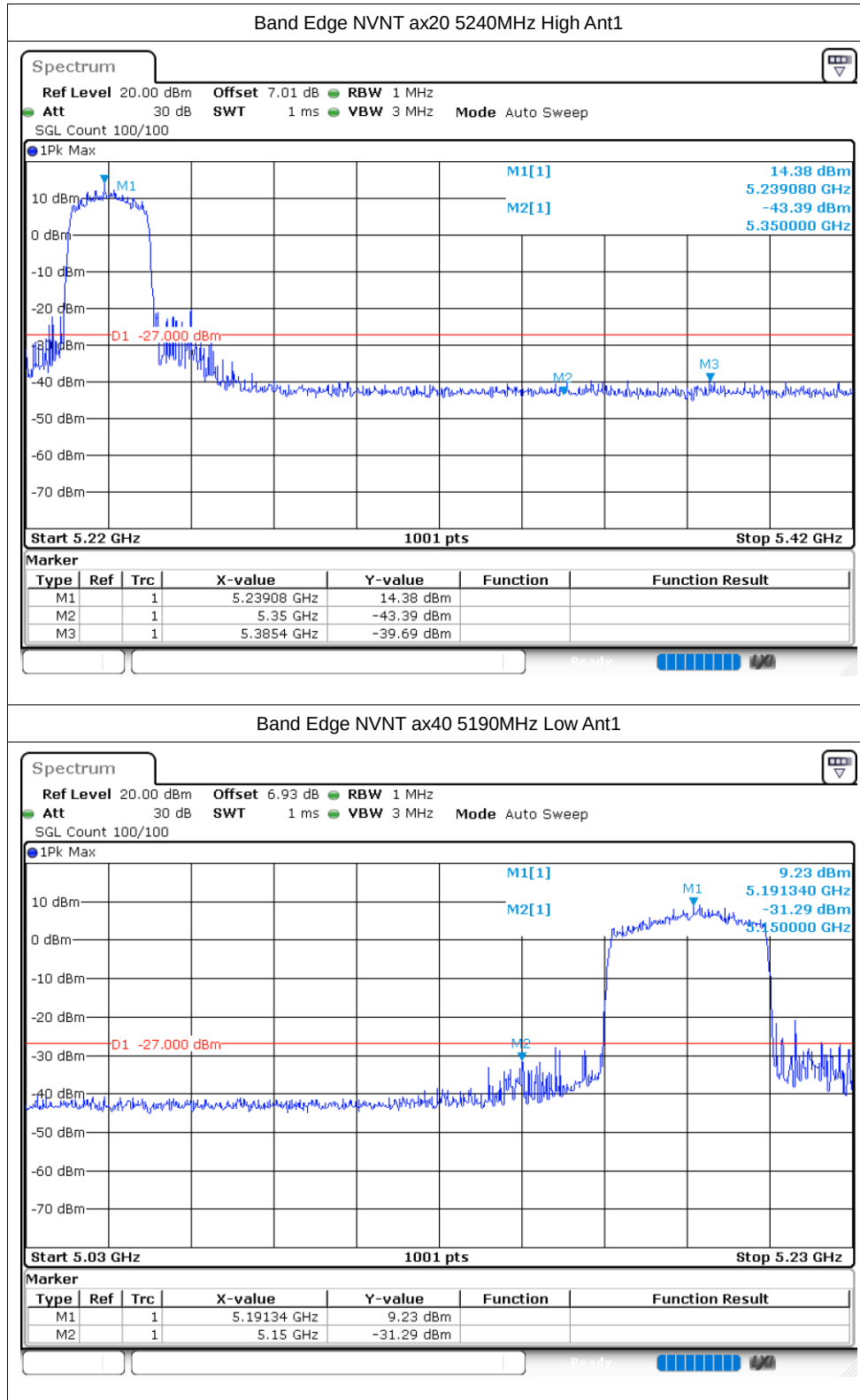


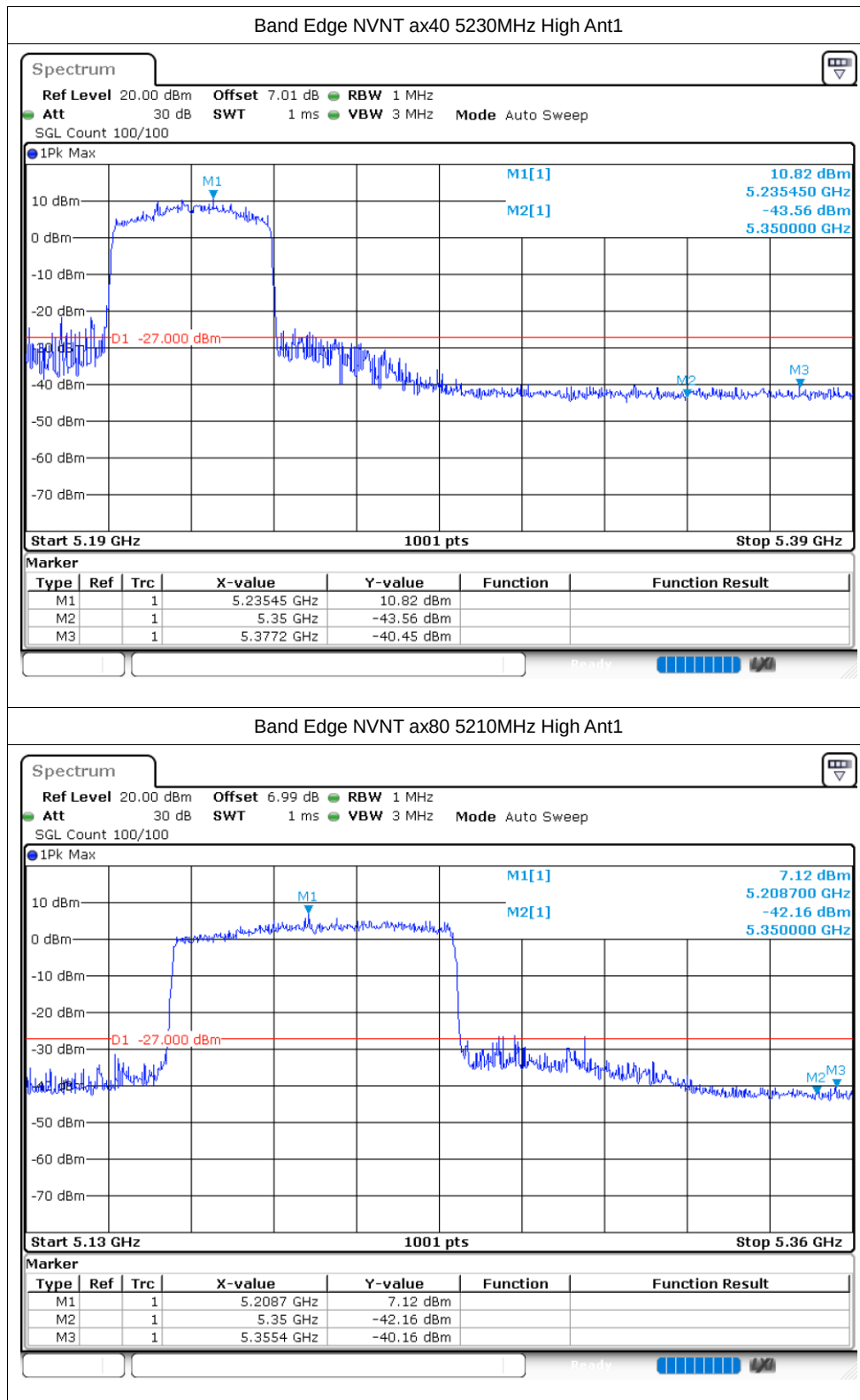
Band Edge NVNT ac20 5240MHz High Ant1









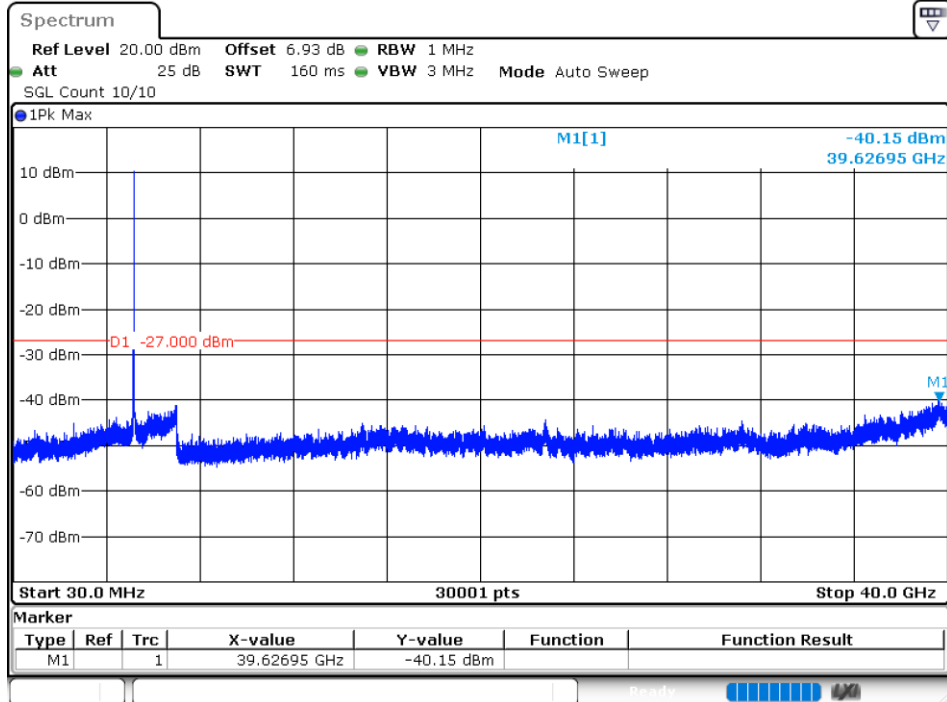


Conducted RF Spurious Emission

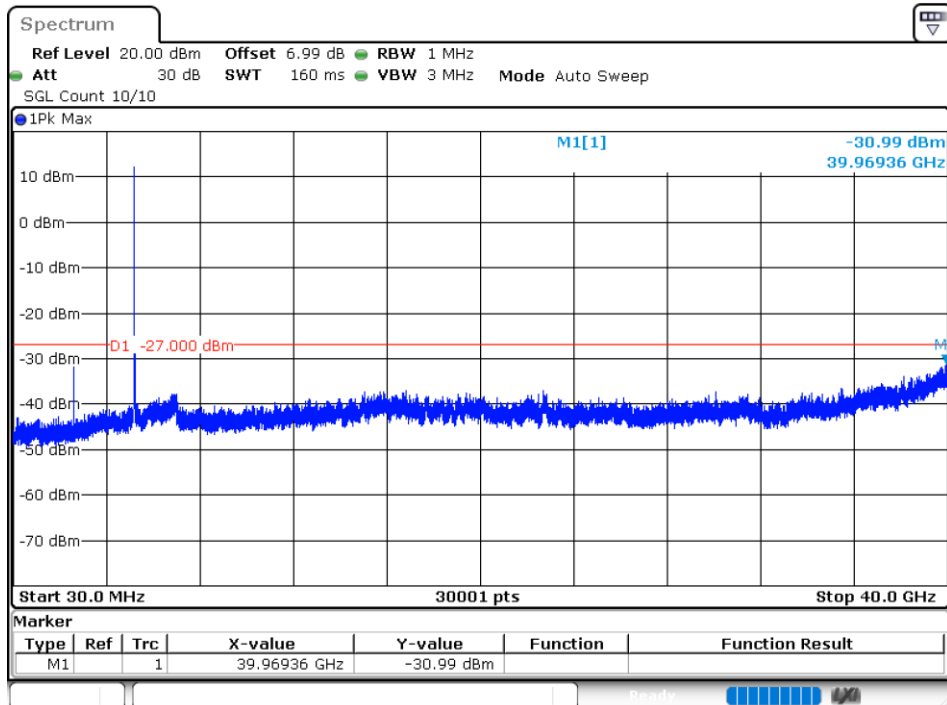
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-40.14	-27	Pass
NVNT	a	5200	Ant1	-30.98	-27	Pass
NVNT	a	5240	Ant1	-31.76	-27	Pass
NVNT	n20	5180	Ant1	-31.4	-27	Pass
NVNT	n20	5200	Ant1	-31.11	-27	Pass
NVNT	n20	5240	Ant1	-30.91	-27	Pass
NVNT	n40	5190	Ant1	-30.61	-27	Pass
NVNT	n40	5230	Ant1	-31.02	-27	Pass
NVNT	ac20	5180	Ant1	-31.32	-27	Pass
NVNT	ac20	5200	Ant1	-31.55	-27	Pass
NVNT	ac20	5240	Ant1	-31.48	-27	Pass
NVNT	ac40	5190	Ant1	-31.96	-27	Pass
NVNT	ac40	5230	Ant1	-31.28	-27	Pass
NVNT	ac80	5210	Ant1	-31.14	-27	Pass
NVNT	ax20	5180	Ant1	-30.7	-27	Pass
NVNT	ax20	5200	Ant1	-31.85	-27	Pass
NVNT	ax20	5240	Ant1	-30.71	-27	Pass
NVNT	ax40	5190	Ant1	-31.44	-27	Pass
NVNT	ax40	5230	Ant1	-32.19	-27	Pass
NVNT	ax80	5210	Ant1	-31.74	-27	Pass

Test Graphs

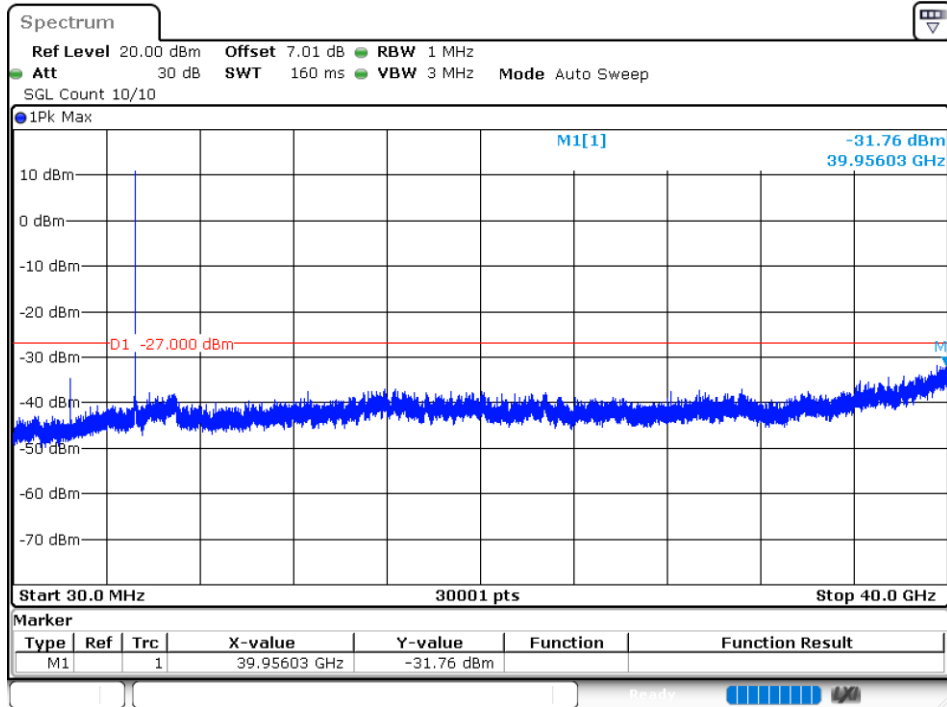
Tx. Spurious NVNT a 5180MHz Ant1 Emission



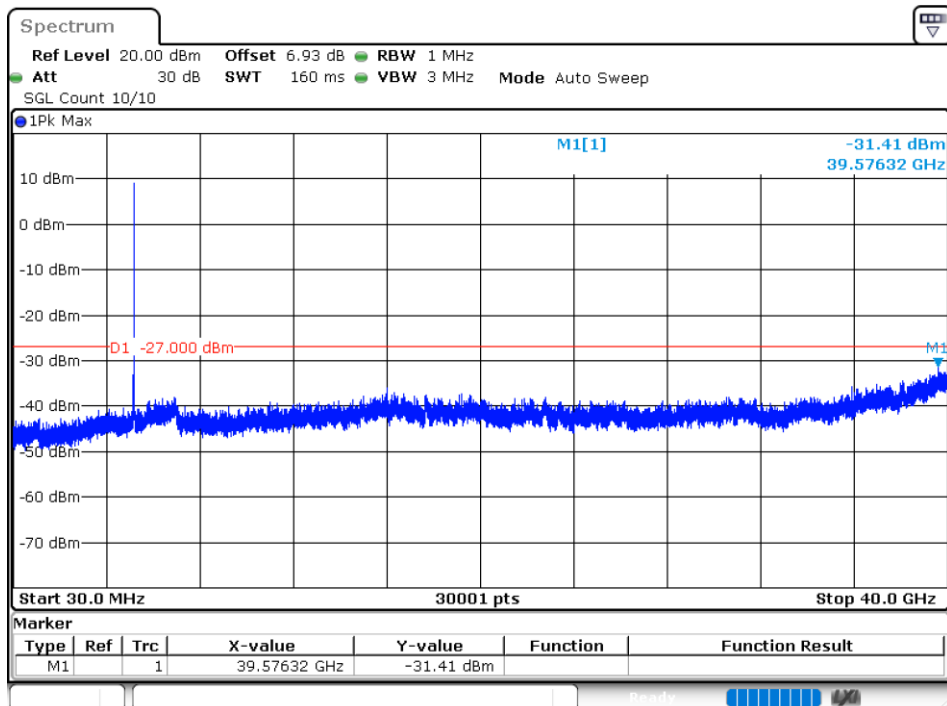
Tx. Spurious NVNT a 5200MHz Ant1 Emission

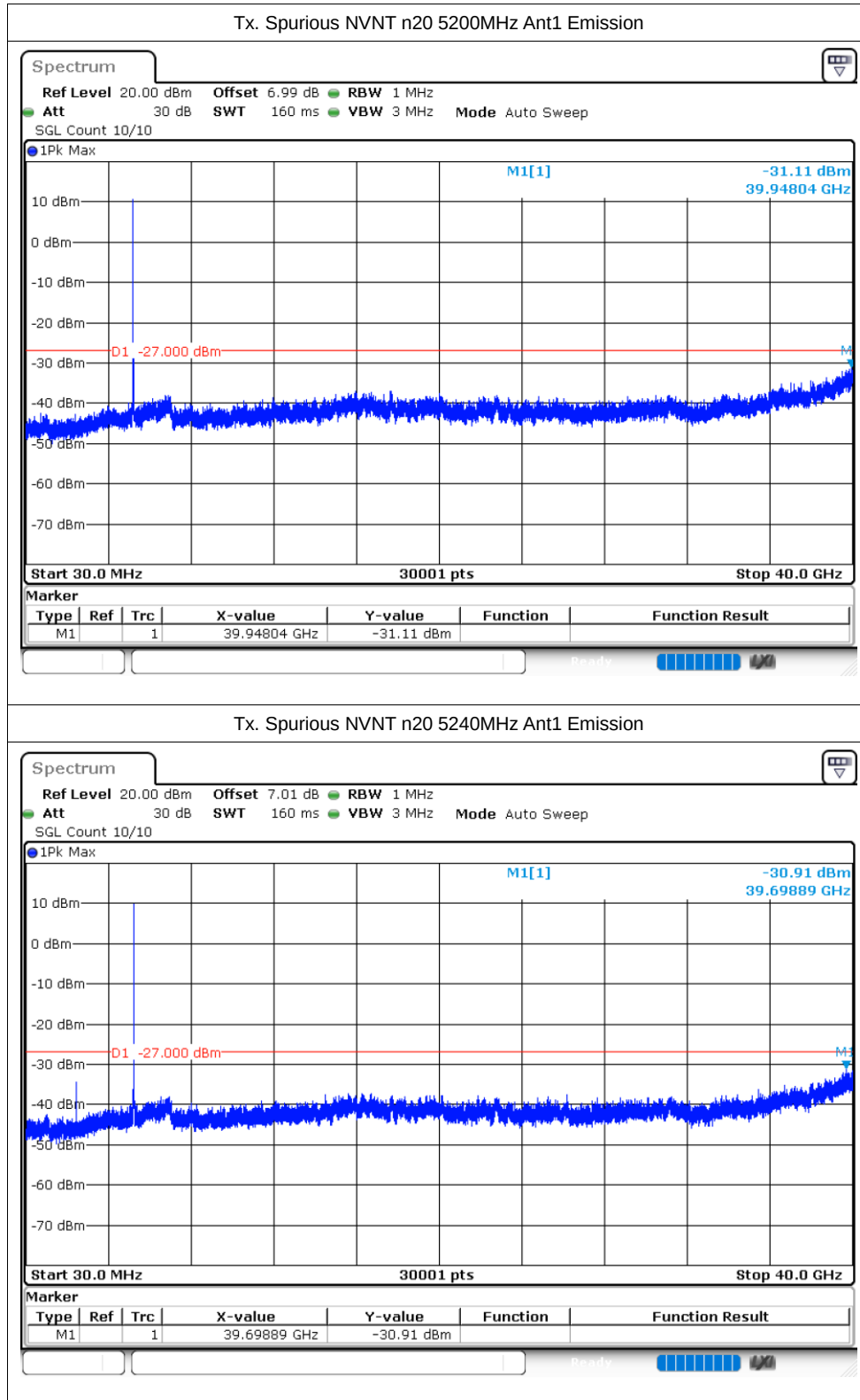


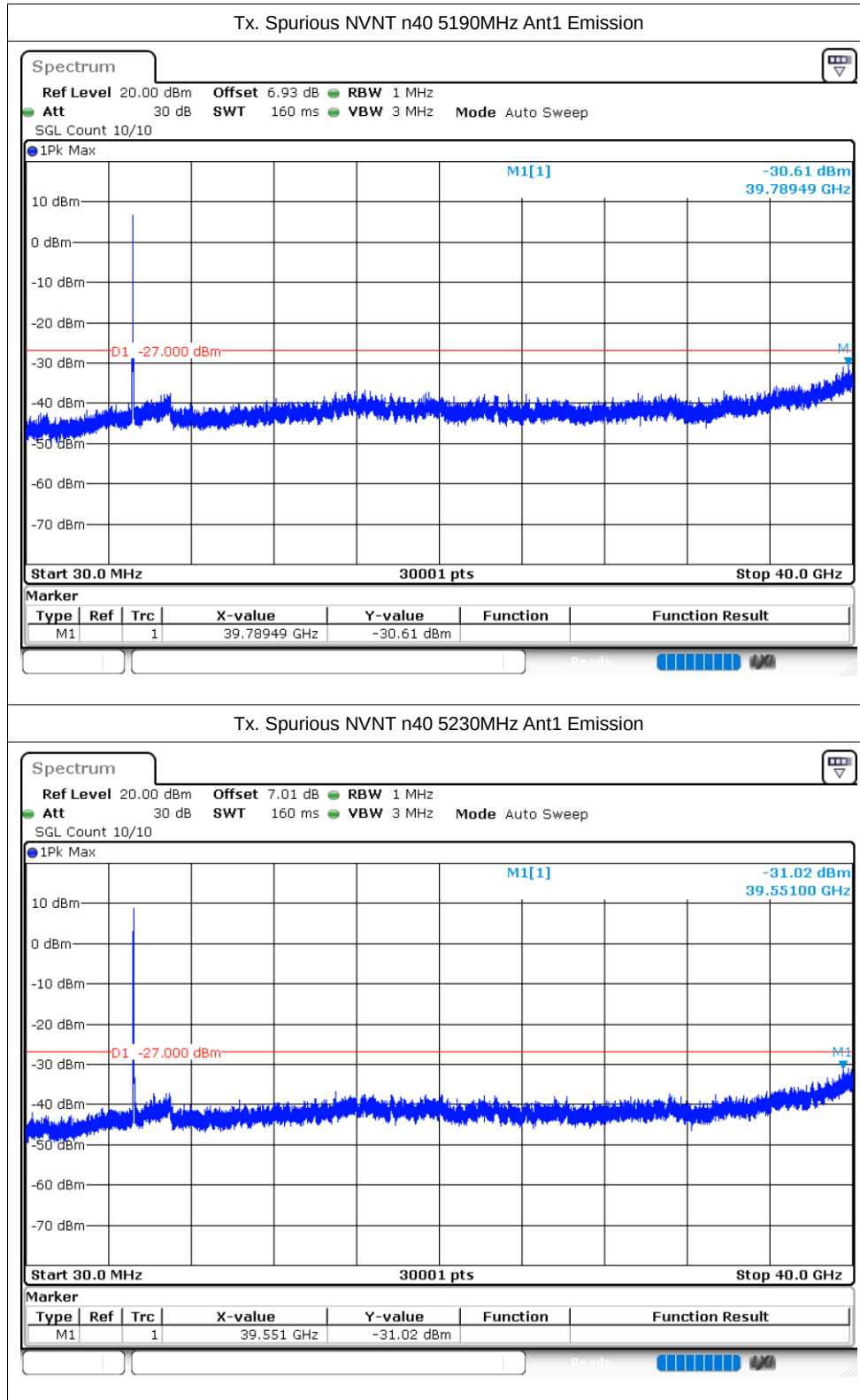
Tx. Spurious NVNT a 5240MHz Ant1 Emission

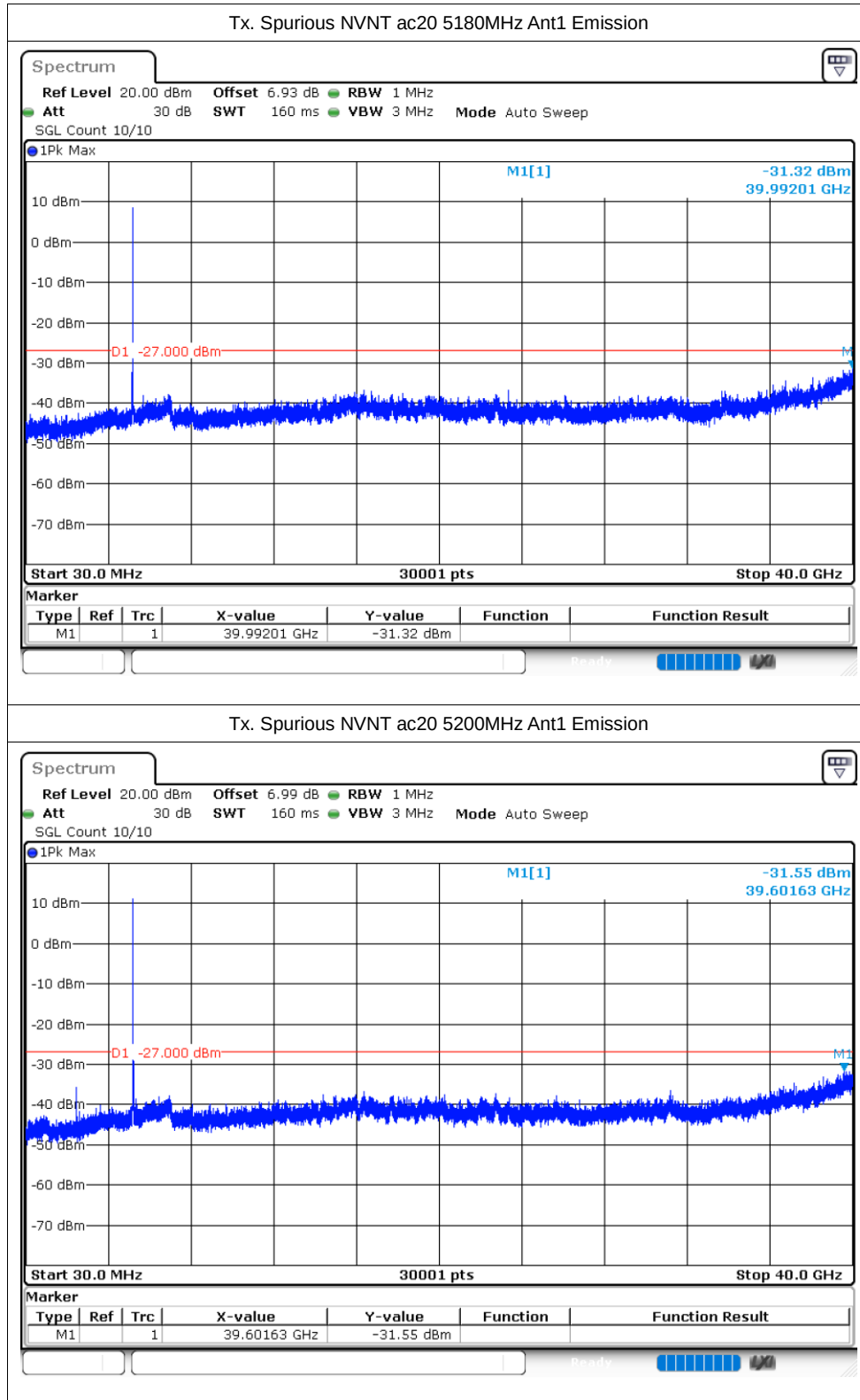


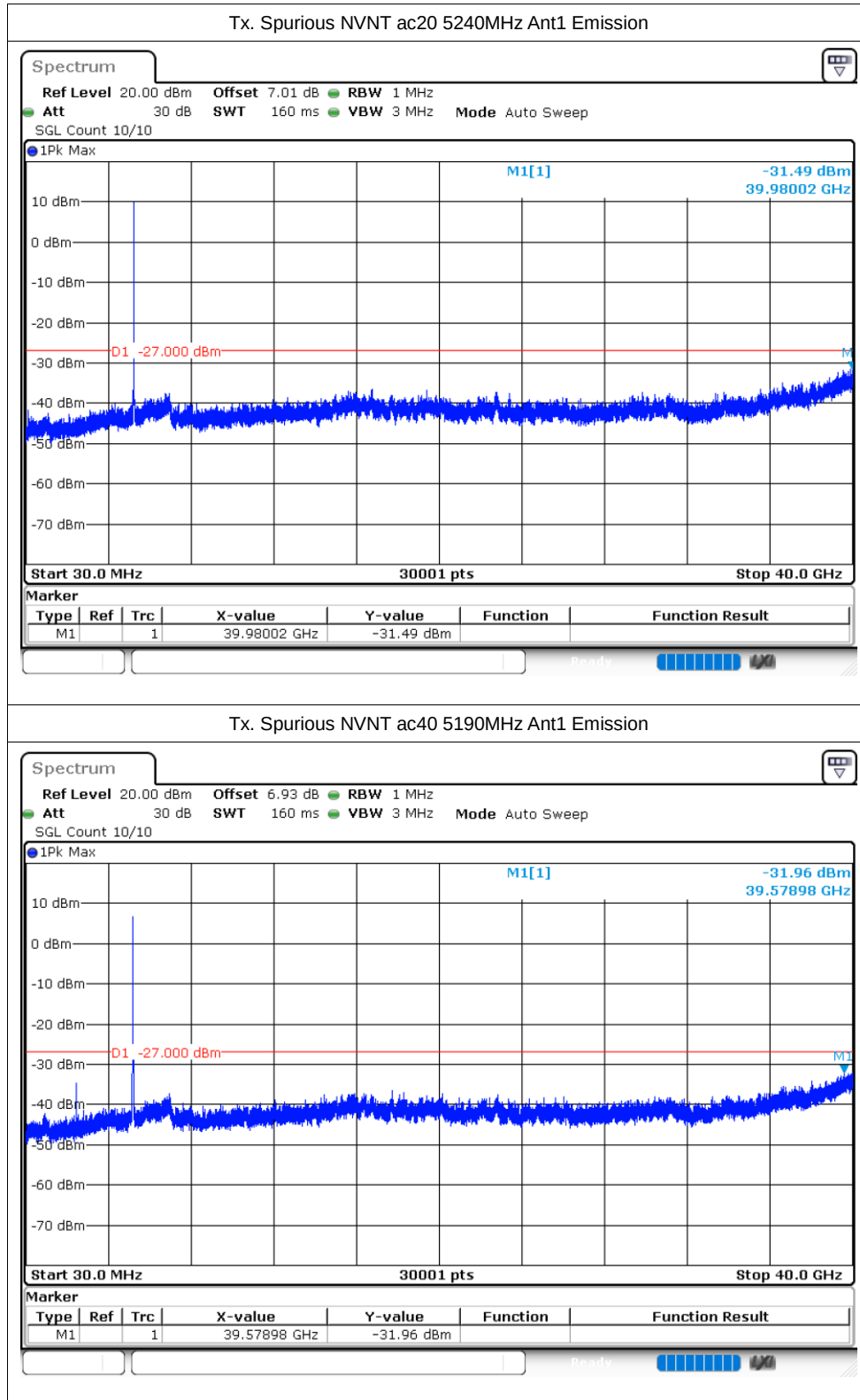
Tx. Spurious NVNT n20 5180MHz Ant1 Emission

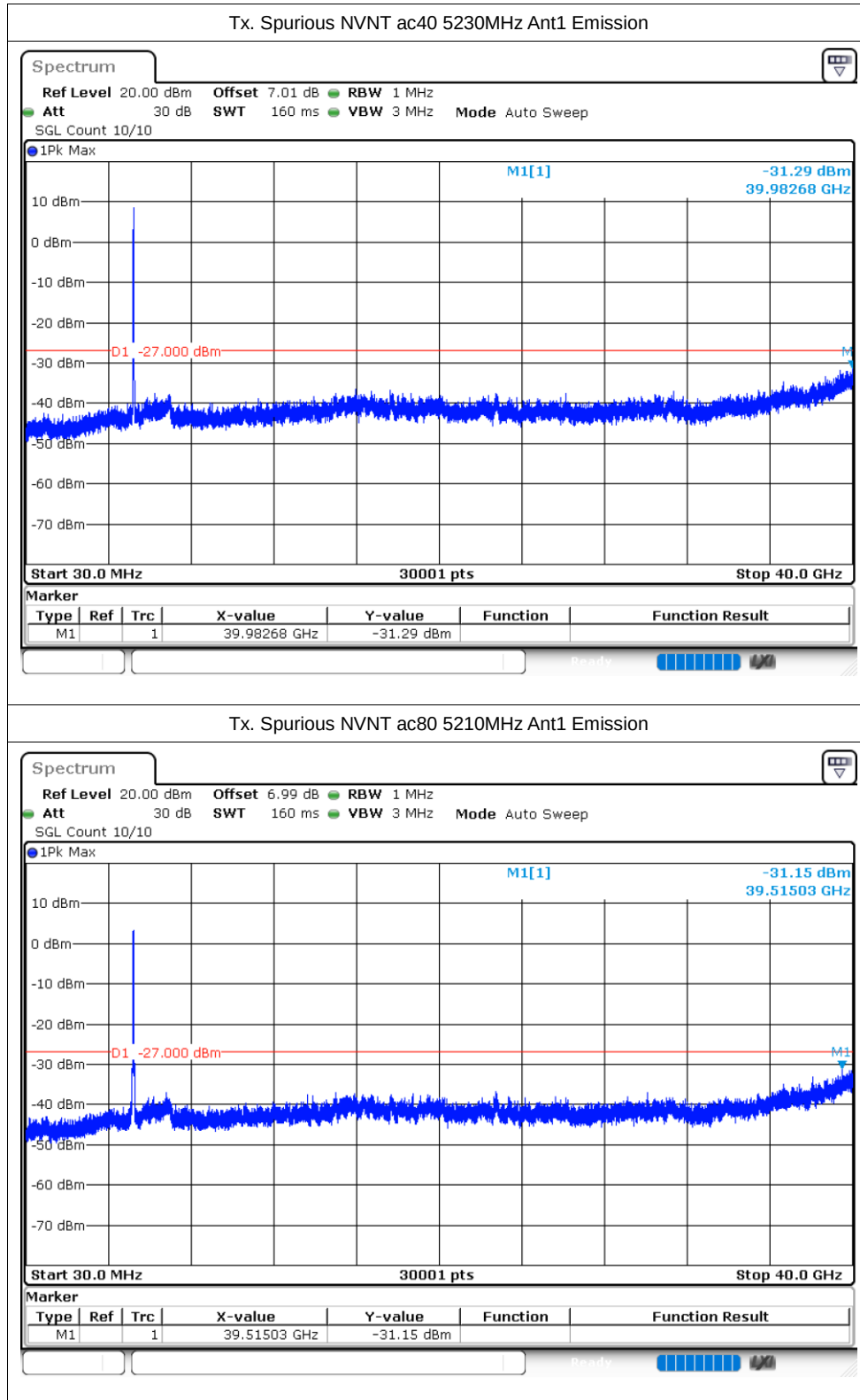


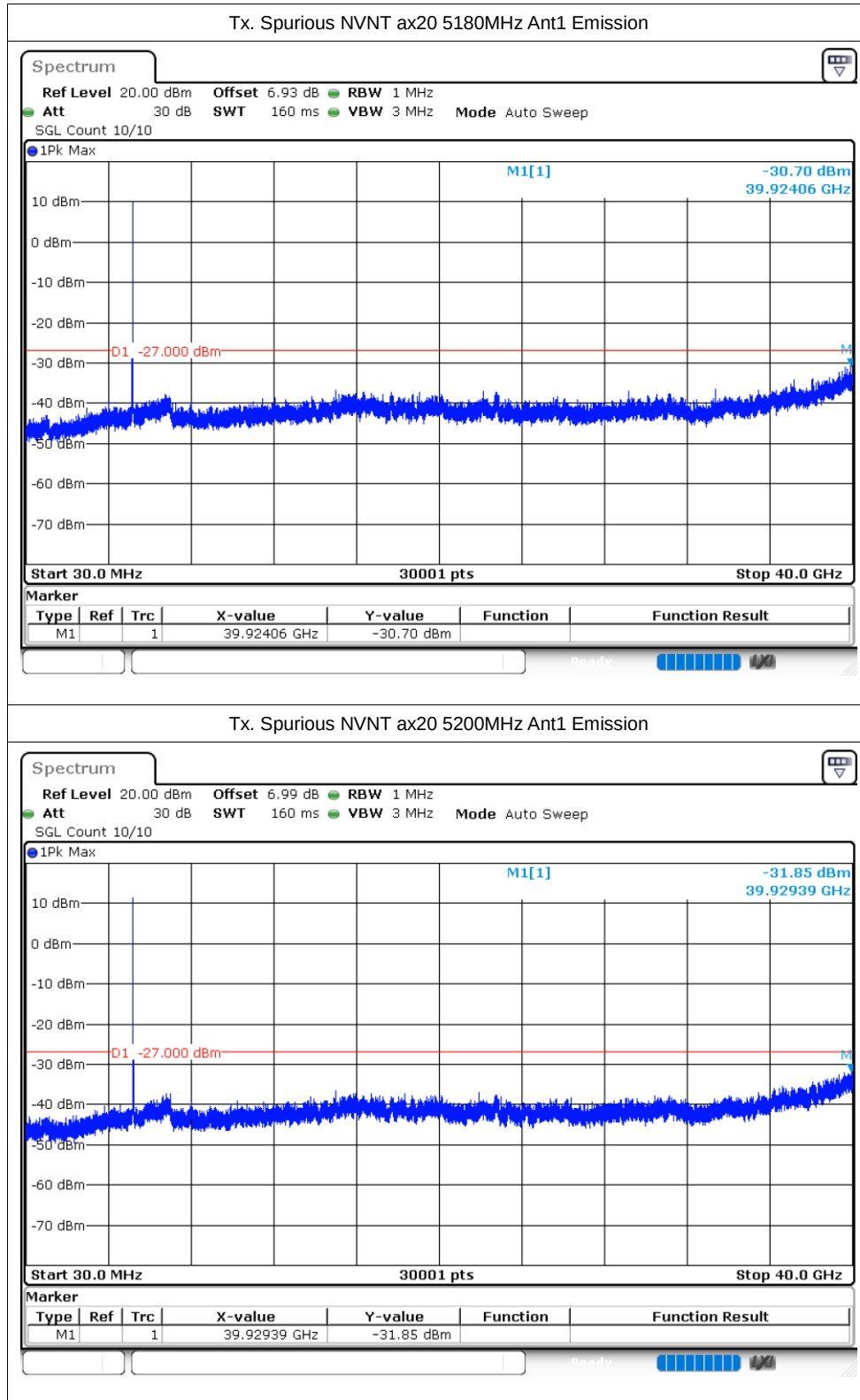


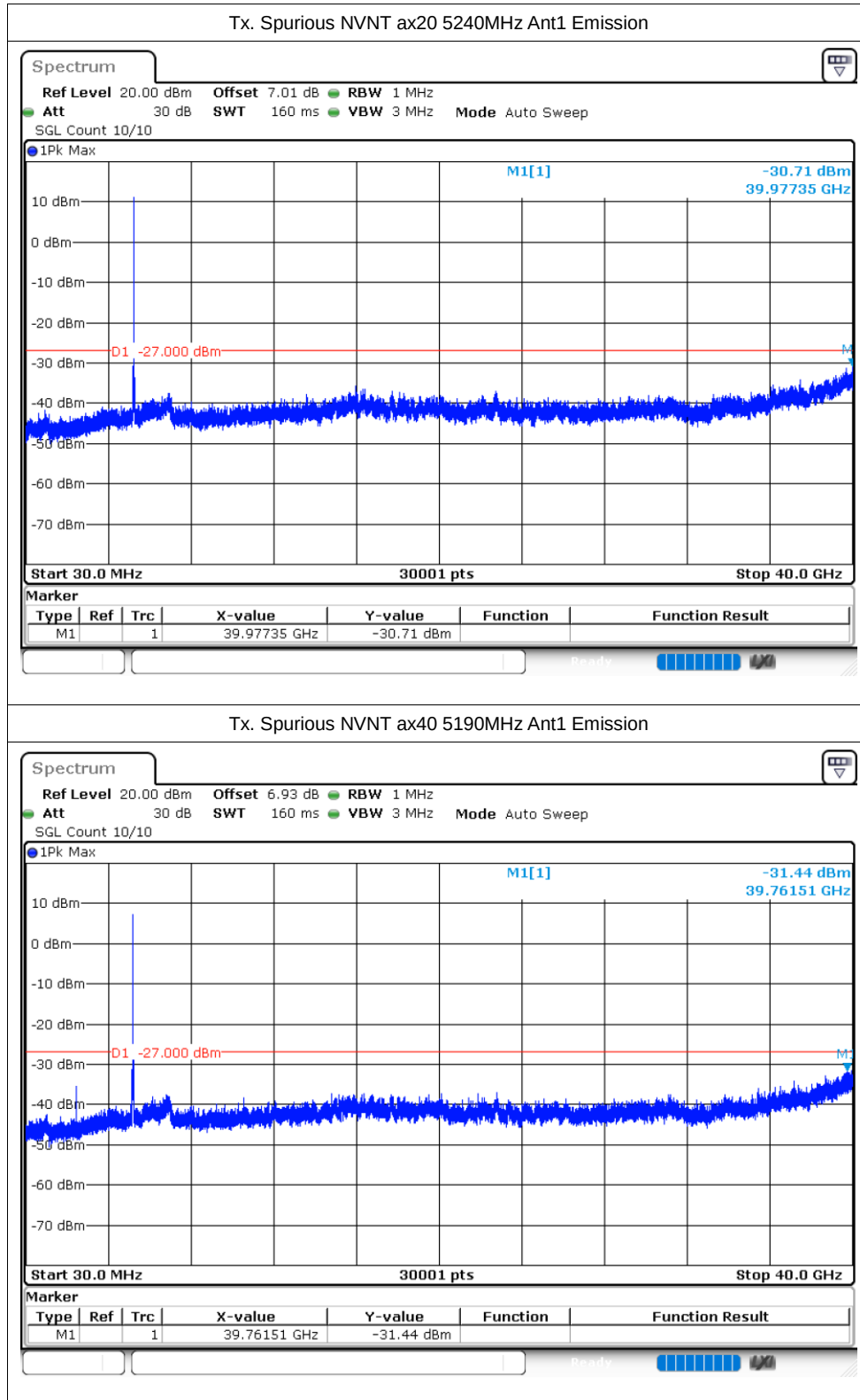


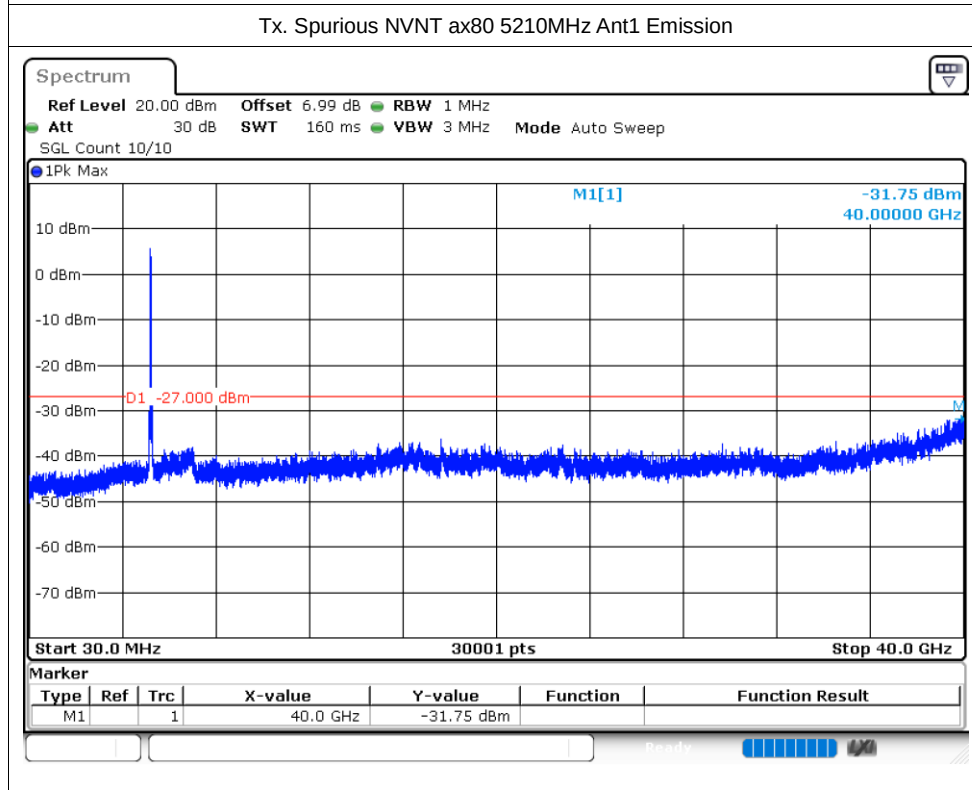
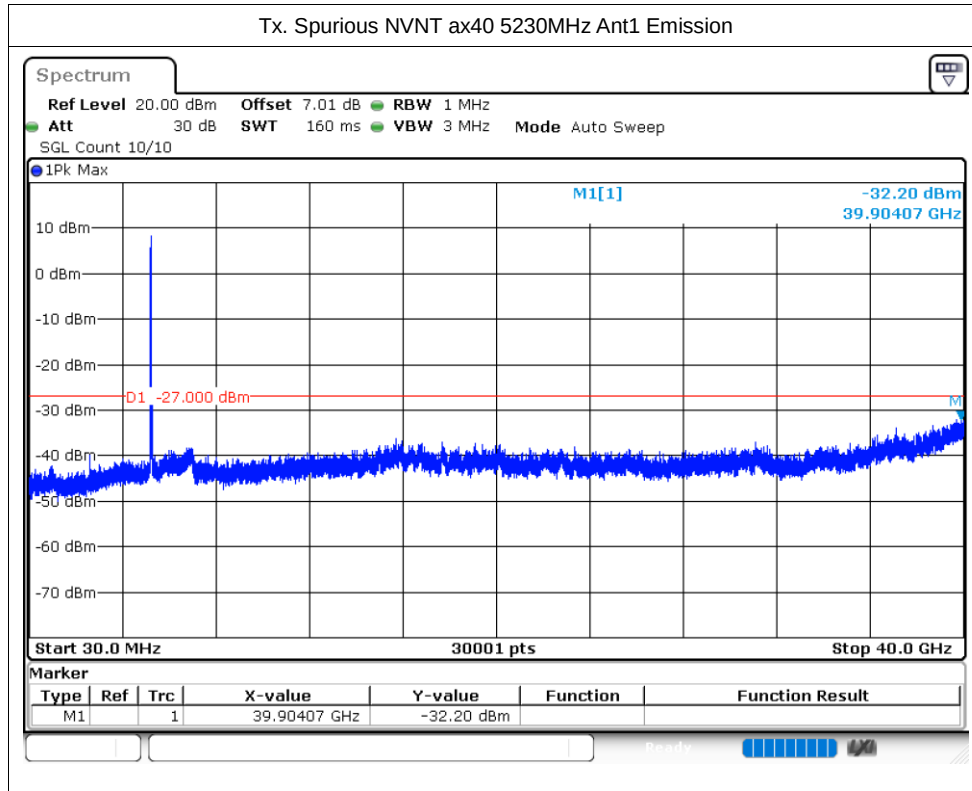












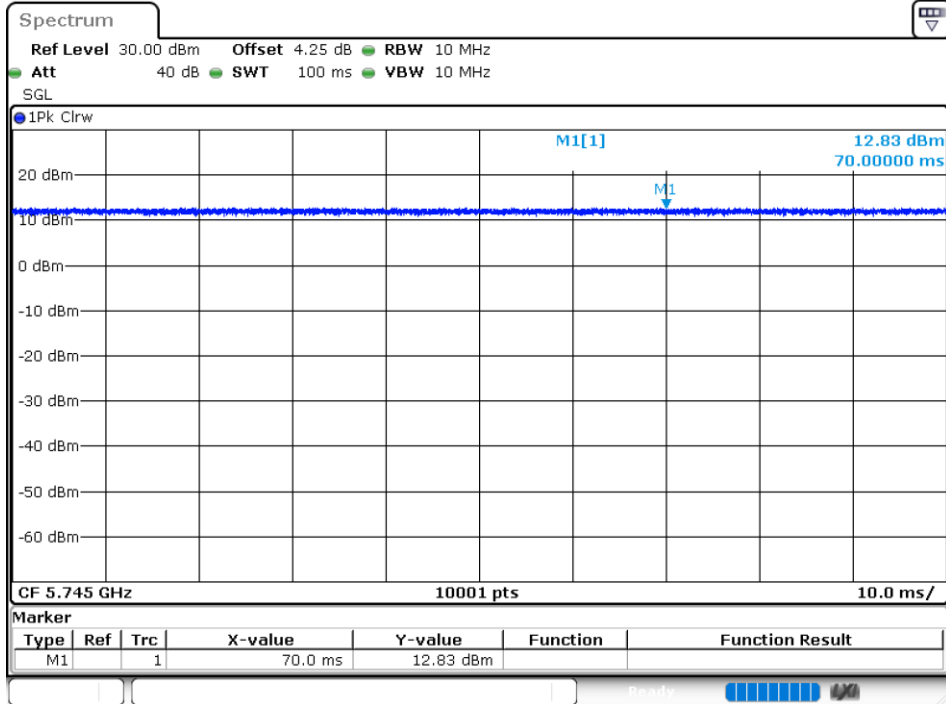
5.8G WIFI:

Duty Cycle

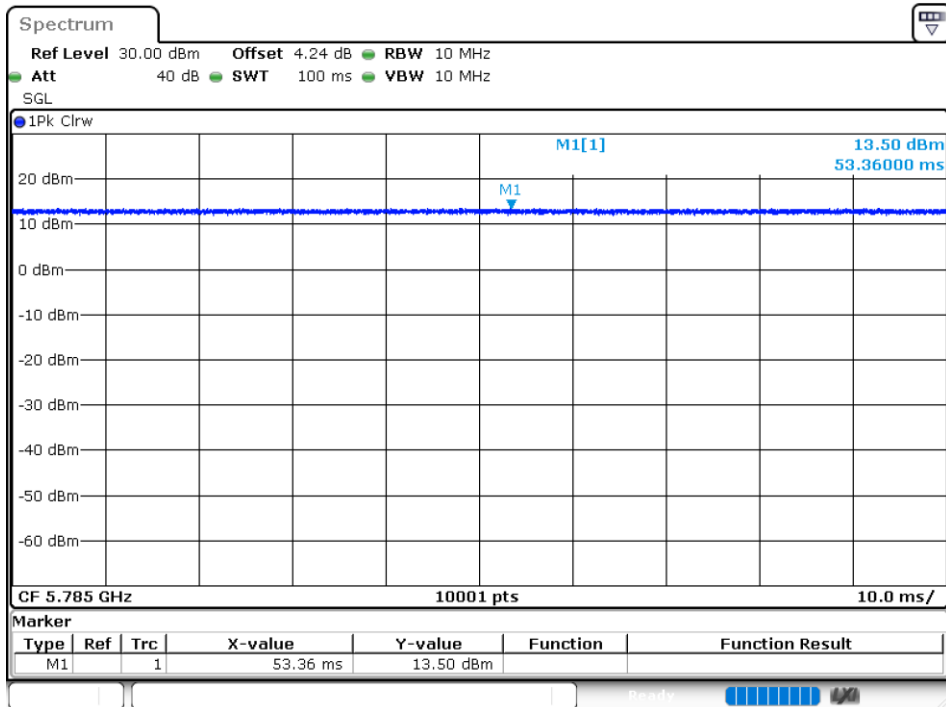
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	100	0	0
NVNT	a	5785	Ant1	100	0	0
NVNT	a	5825	Ant1	100	0	0
NVNT	n20	5745	Ant1	100	0	0
NVNT	n20	5785	Ant1	100	0	0
NVNT	n20	5825	Ant1	100	0	0
NVNT	n40	5755	Ant1	100	0	0
NVNT	n40	5795	Ant1	100	0	0
NVNT	ac20	5745	Ant1	100	0	0
NVNT	ac20	5785	Ant1	100	0	0
NVNT	ac20	5825	Ant1	100	0	0
NVNT	ac40	5755	Ant1	100	0	0
NVNT	ac40	5795	Ant1	100	0	0
NVNT	ac80	5775	Ant1	100	0	0
NVNT	ax20	5745	Ant1	100	0	0
NVNT	ax20	5785	Ant1	100	0	0
NVNT	ax20	5825	Ant1	100	0	0
NVNT	ax40	5755	Ant1	100	0	0
NVNT	ax40	5795	Ant1	100	0	0
NVNT	ax80	5775	Ant1	100	0	0

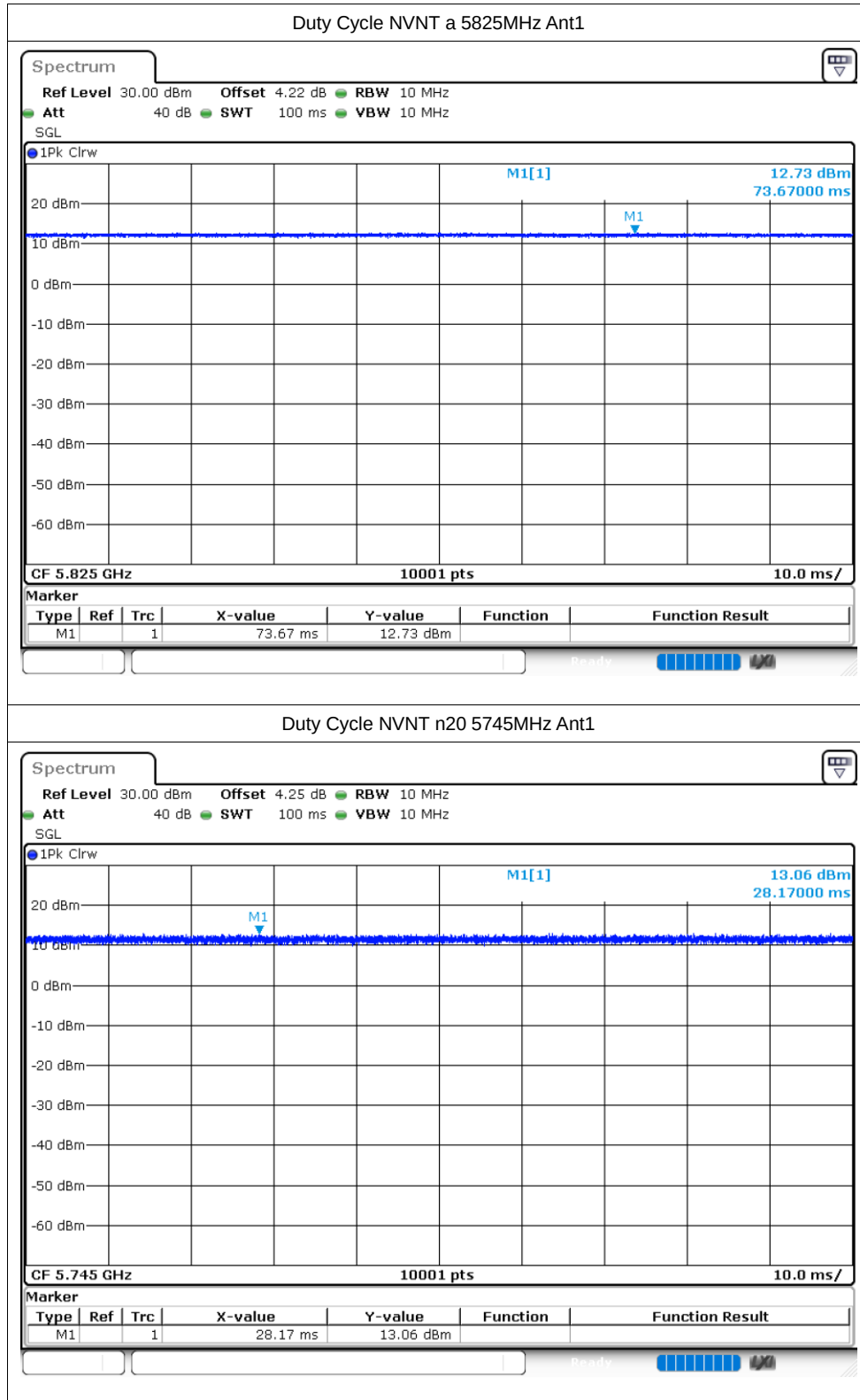
Test Graphs

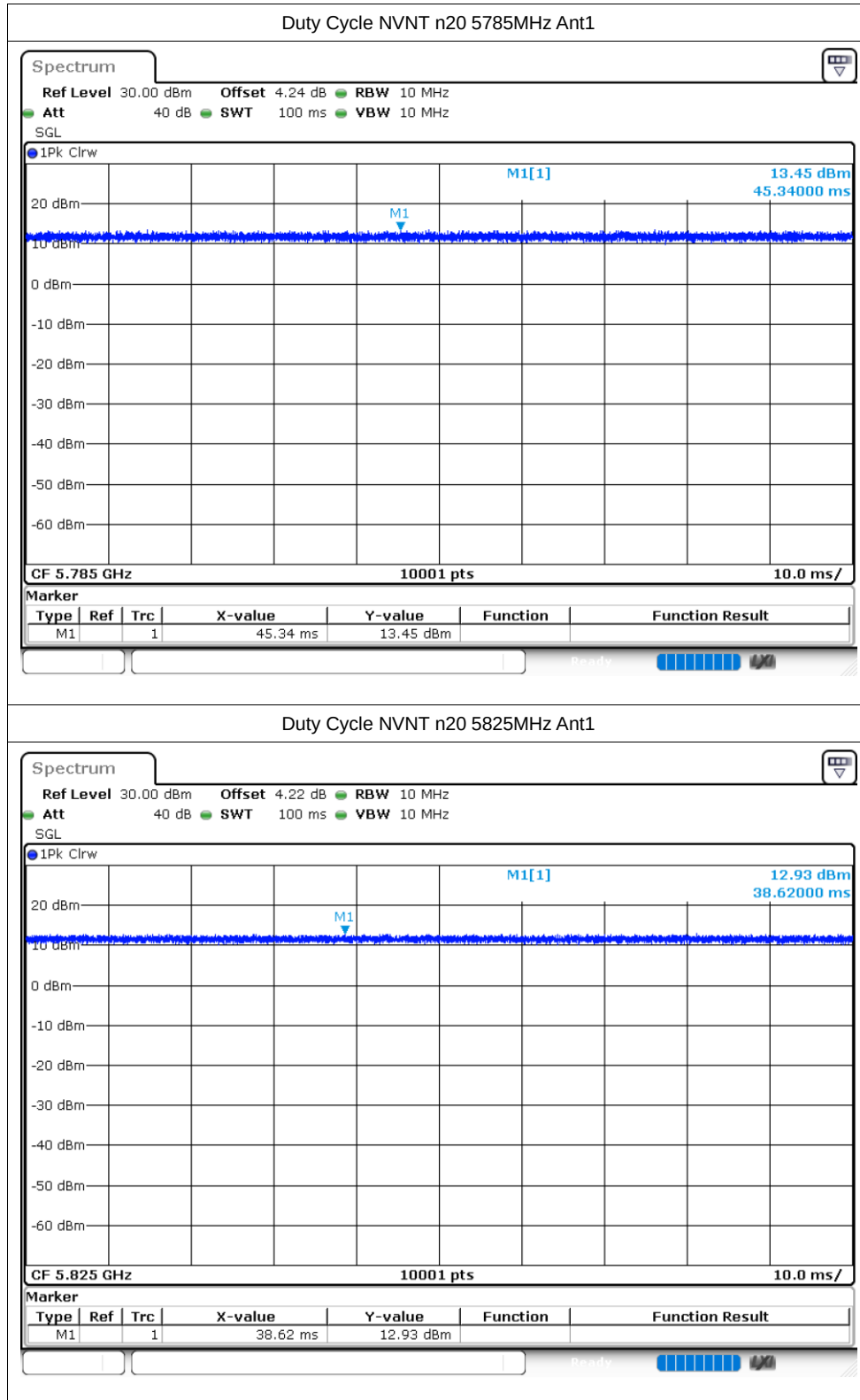
Duty Cycle NVNT a 5745MHz Ant1

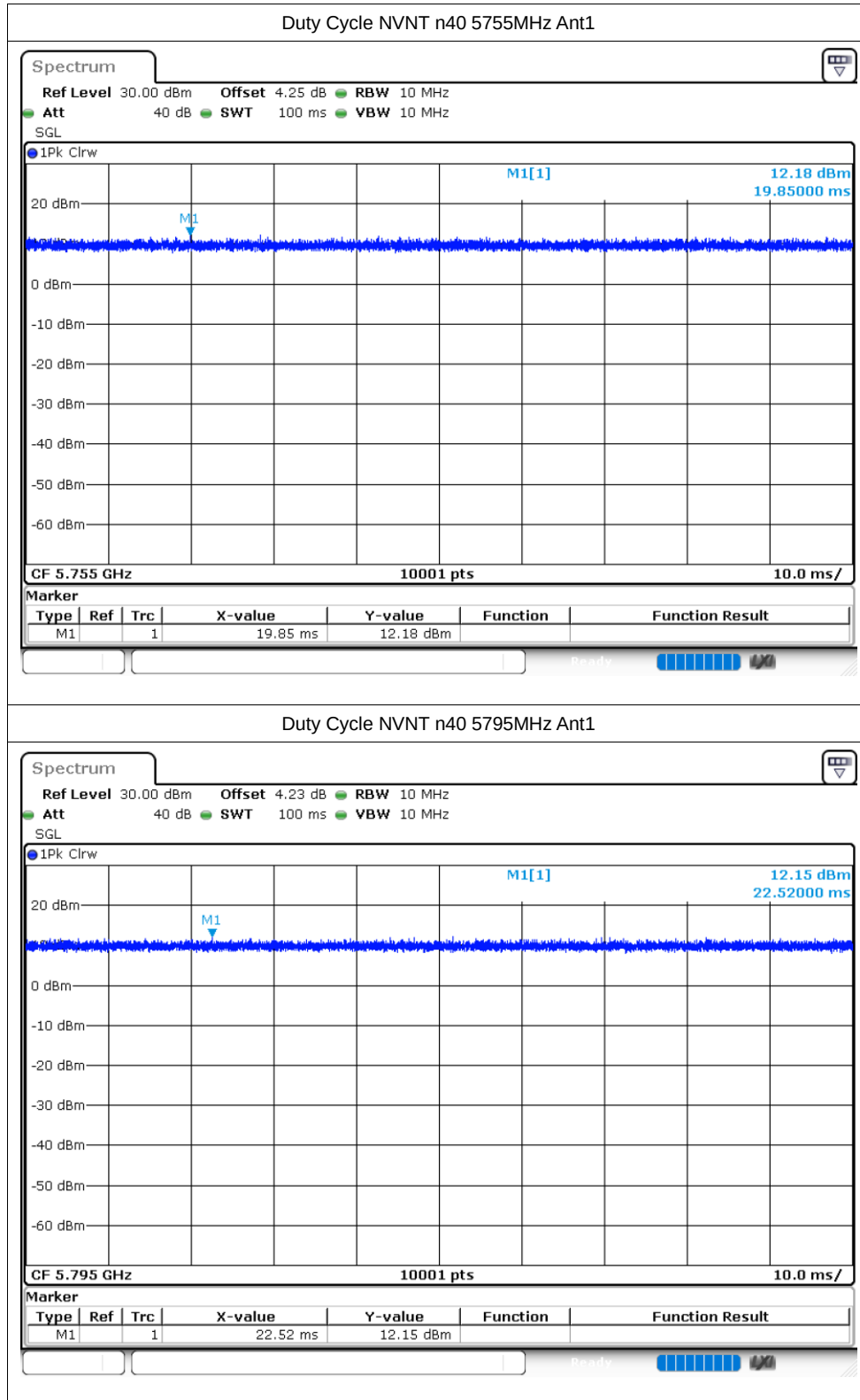


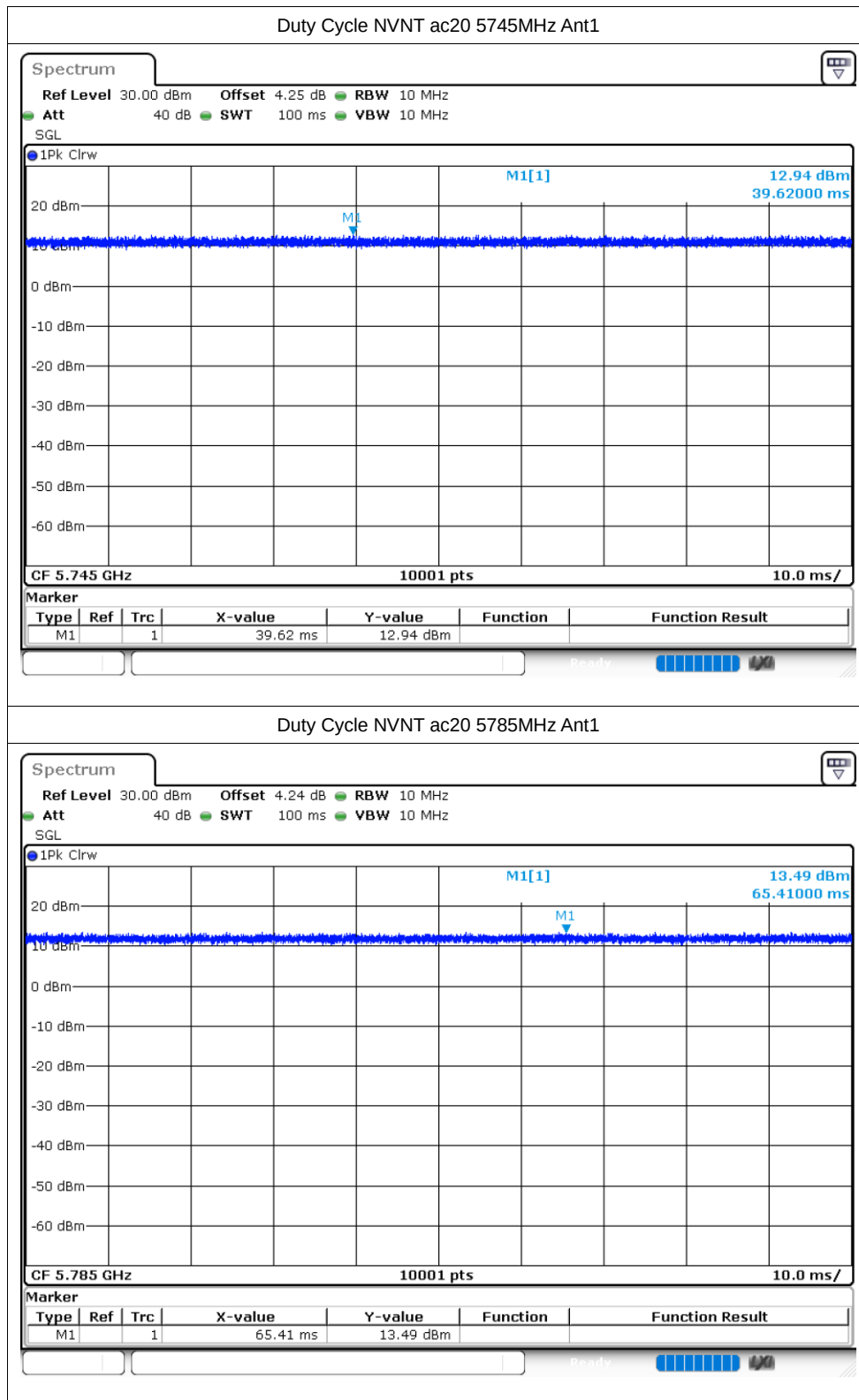
Duty Cycle NVNT a 5785MHz Ant1

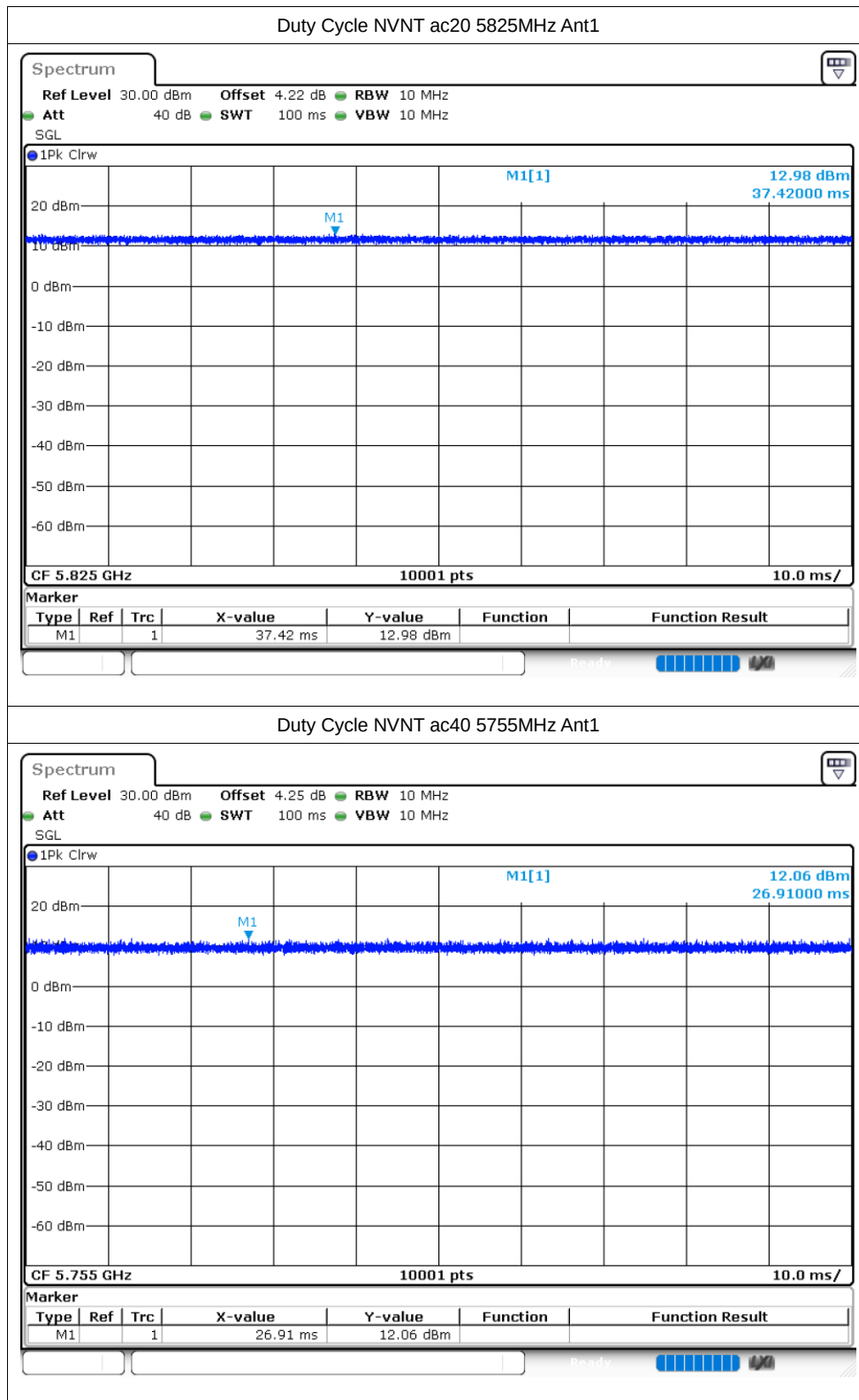


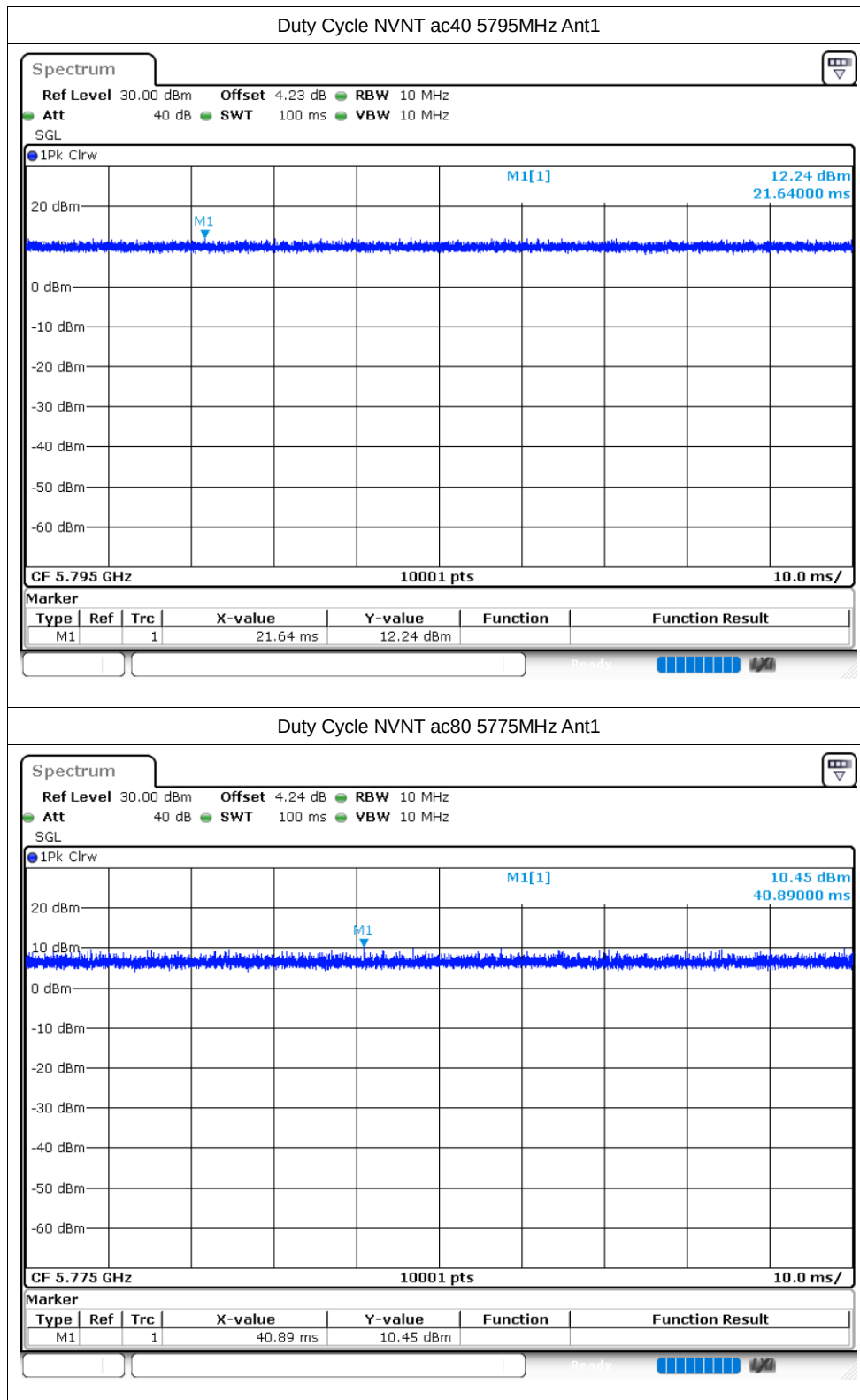


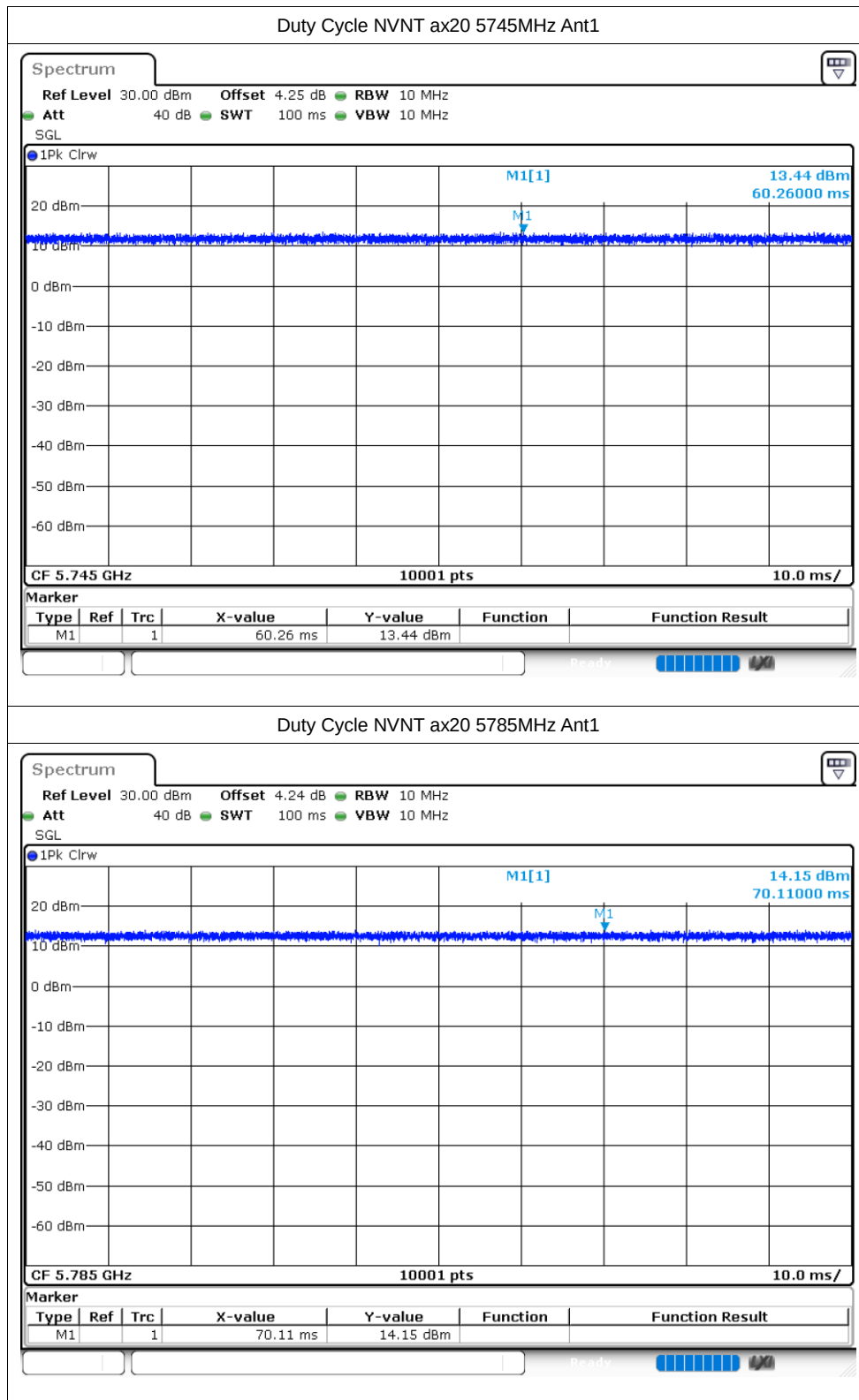


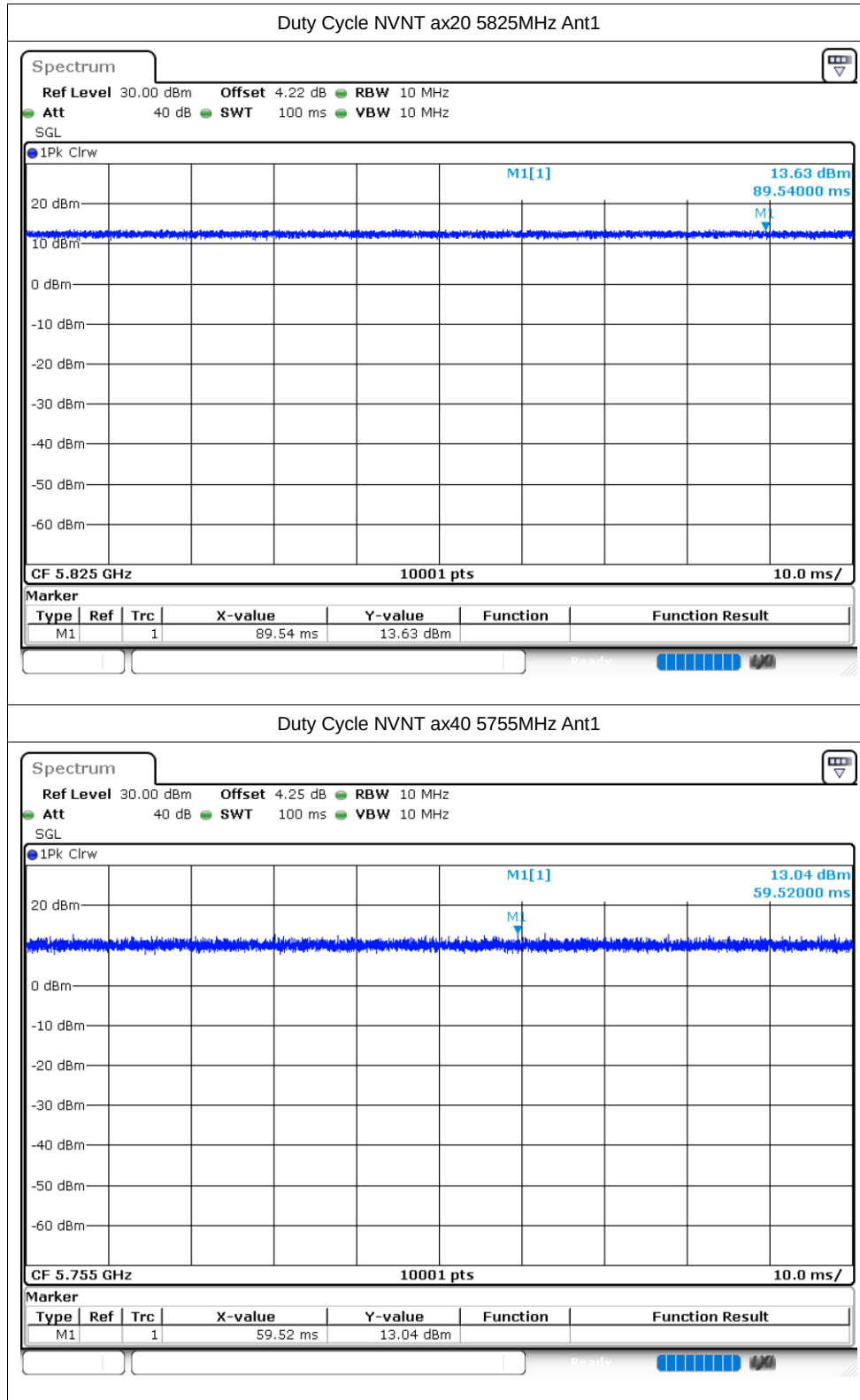


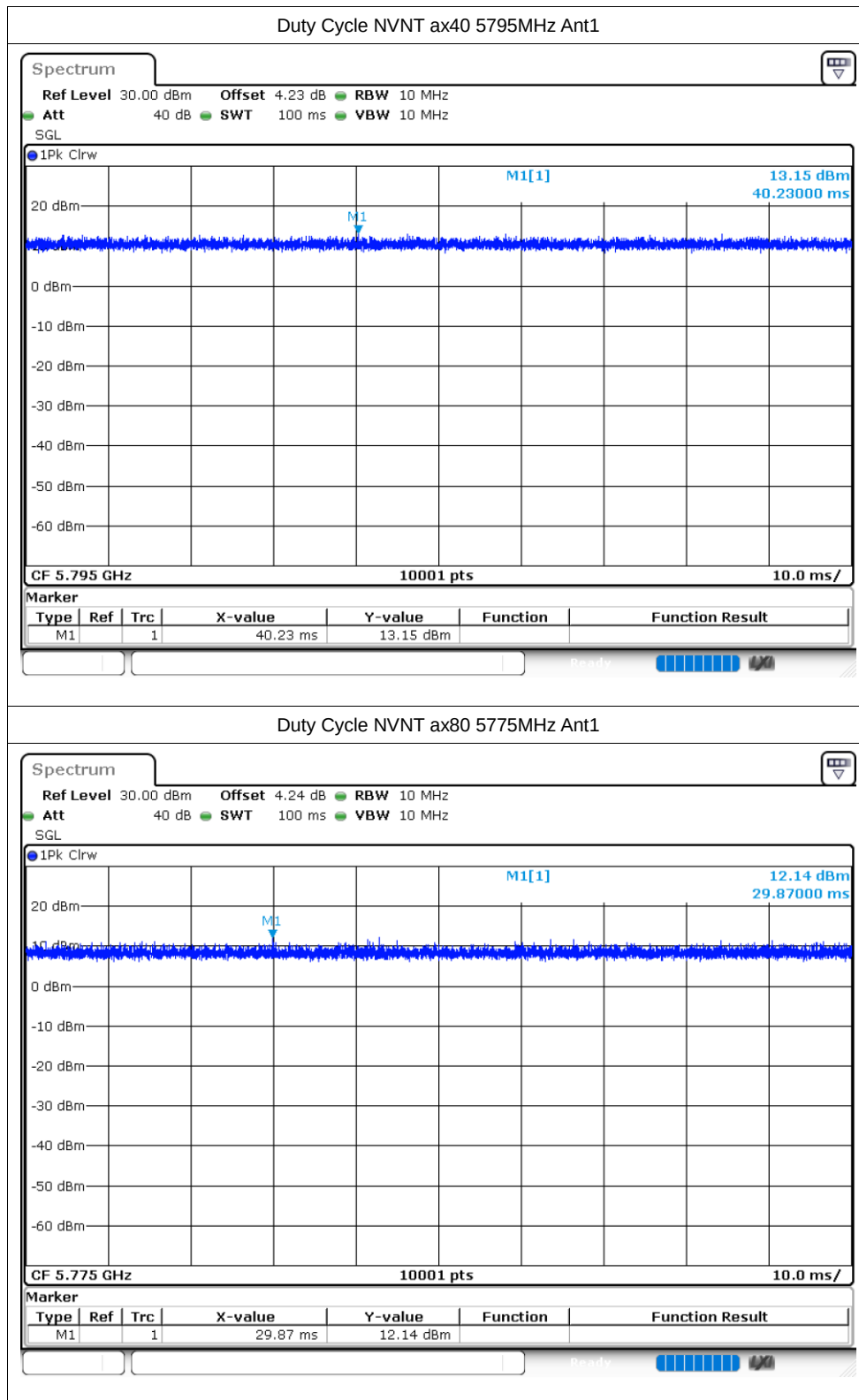












Maximum Conducted Output Power

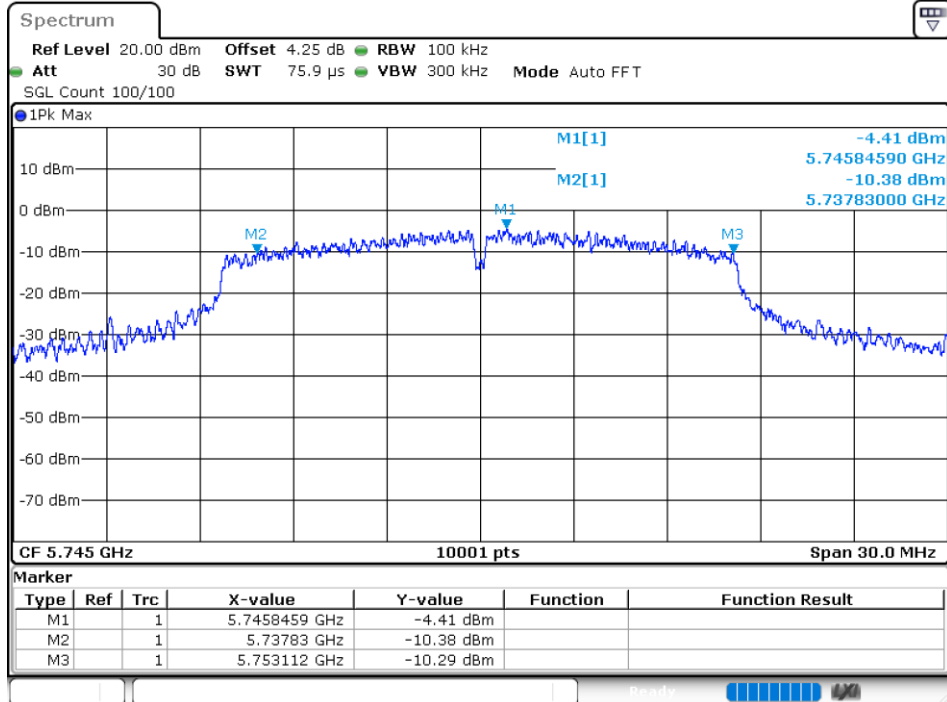
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	9.72	30	Pass
NVNT	a	5785	Ant1	10.04	30	Pass
NVNT	a	5825	Ant1	10.65	30	Pass
NVNT	n20	5745	Ant1	9.95	30	Pass
NVNT	n20	5785	Ant1	10.19	30	Pass
NVNT	n20	5825	Ant1	9.86	30	Pass
NVNT	n40	5755	Ant1	9.3	30	Pass
NVNT	n40	5795	Ant1	9.77	30	Pass
NVNT	ac20	5745	Ant1	9.99	30	Pass
NVNT	ac20	5785	Ant1	10.16	30	Pass
NVNT	ac20	5825	Ant1	9.88	30	Pass
NVNT	ac40	5755	Ant1	9.32	30	Pass
NVNT	ac40	5795	Ant1	9.74	30	Pass
NVNT	ac80	5775	Ant1	8.95	30	Pass
NVNT	ax20	5745	Ant1	9.56	30	Pass
NVNT	ax20	5785	Ant1	10.21	30	Pass
NVNT	ax20	5825	Ant1	9.84	30	Pass
NVNT	ax40	5755	Ant1	9.5	30	Pass
NVNT	ax40	5795	Ant1	9.94	30	Pass
NVNT	ax80	5775	Ant1	10.17	30	Pass

-6dB Bandwidth

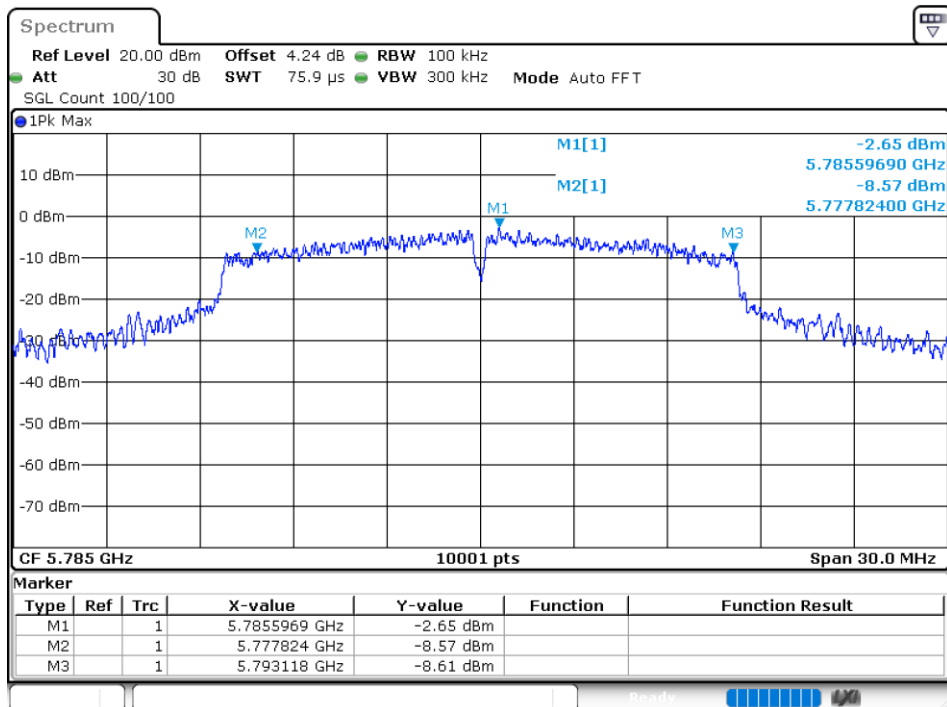
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.282	0.5	Pass
NVNT	a	5785	Ant1	15.294	0.5	Pass
NVNT	a	5825	Ant1	16.035	0.5	Pass
NVNT	n20	5745	Ant1	15.996	0.5	Pass
NVNT	n20	5785	Ant1	16.92	0.5	Pass
NVNT	n20	5825	Ant1	16.539	0.5	Pass
NVNT	n40	5755	Ant1	34.41	0.5	Pass
NVNT	n40	5795	Ant1	35.436	0.5	Pass
NVNT	ac20	5745	Ant1	15.774	0.5	Pass
NVNT	ac20	5785	Ant1	16.296	0.5	Pass
NVNT	ac20	5825	Ant1	15.786	0.5	Pass
NVNT	ac40	5755	Ant1	34.182	0.5	Pass
NVNT	ac40	5795	Ant1	35.658	0.5	Pass
NVNT	ac80	5775	Ant1	76.344	0.5	Pass
NVNT	ax20	5745	Ant1	17.925	0.5	Pass
NVNT	ax20	5785	Ant1	17.364	0.5	Pass
NVNT	ax20	5825	Ant1	17.202	0.5	Pass
NVNT	ax40	5755	Ant1	34.818	0.5	Pass
NVNT	ax40	5795	Ant1	34.542	0.5	Pass
NVNT	ax80	5775	Ant1	77.94	0.5	Pass

Test Graphs

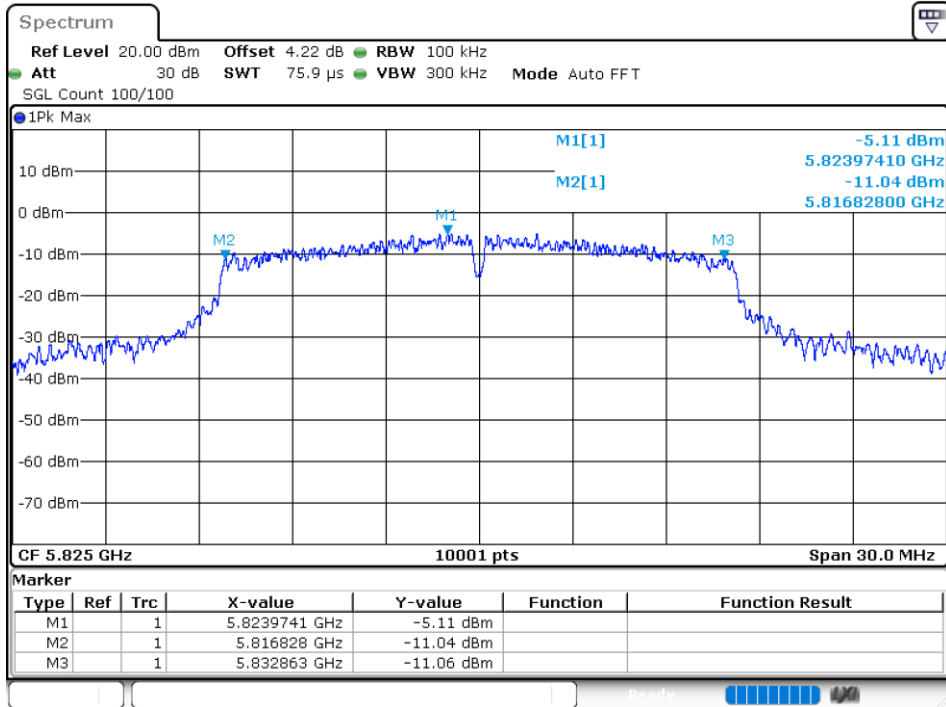
-6dB Bandwidth NVNT a 5745MHz Ant1



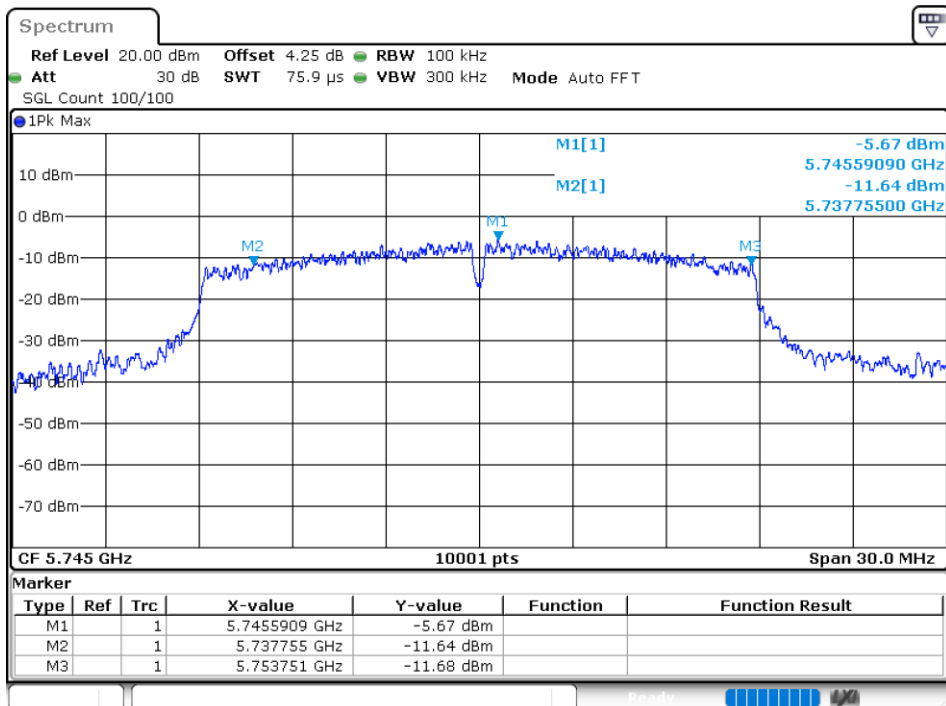
-6dB Bandwidth NVNT a 5785MHz Ant1

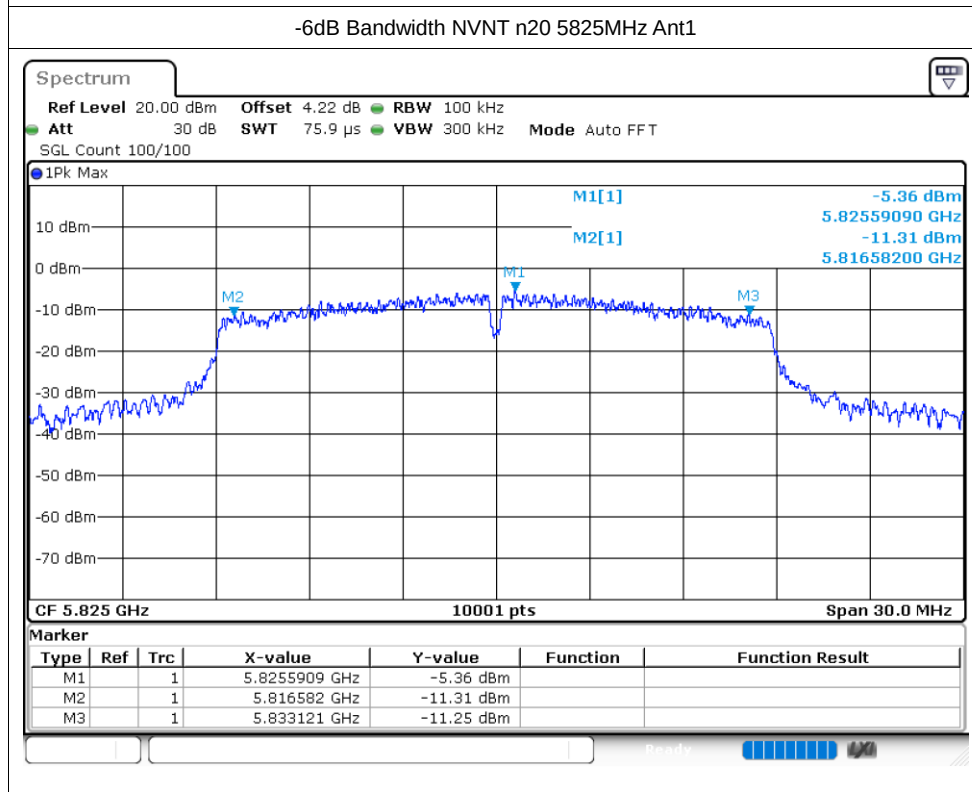
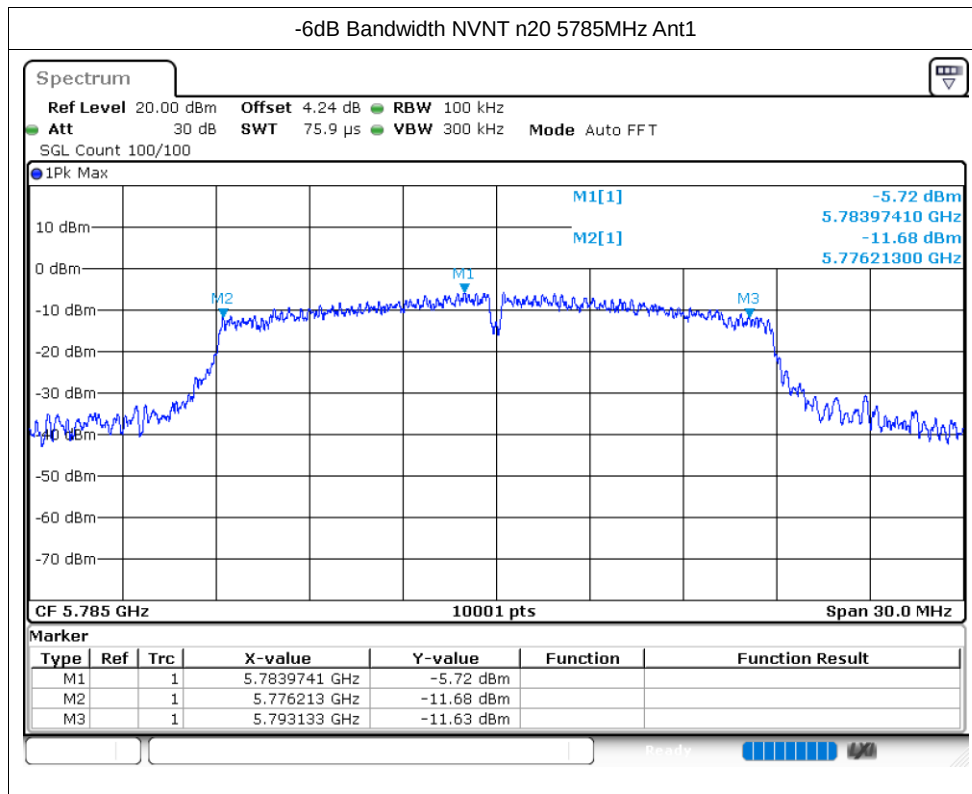


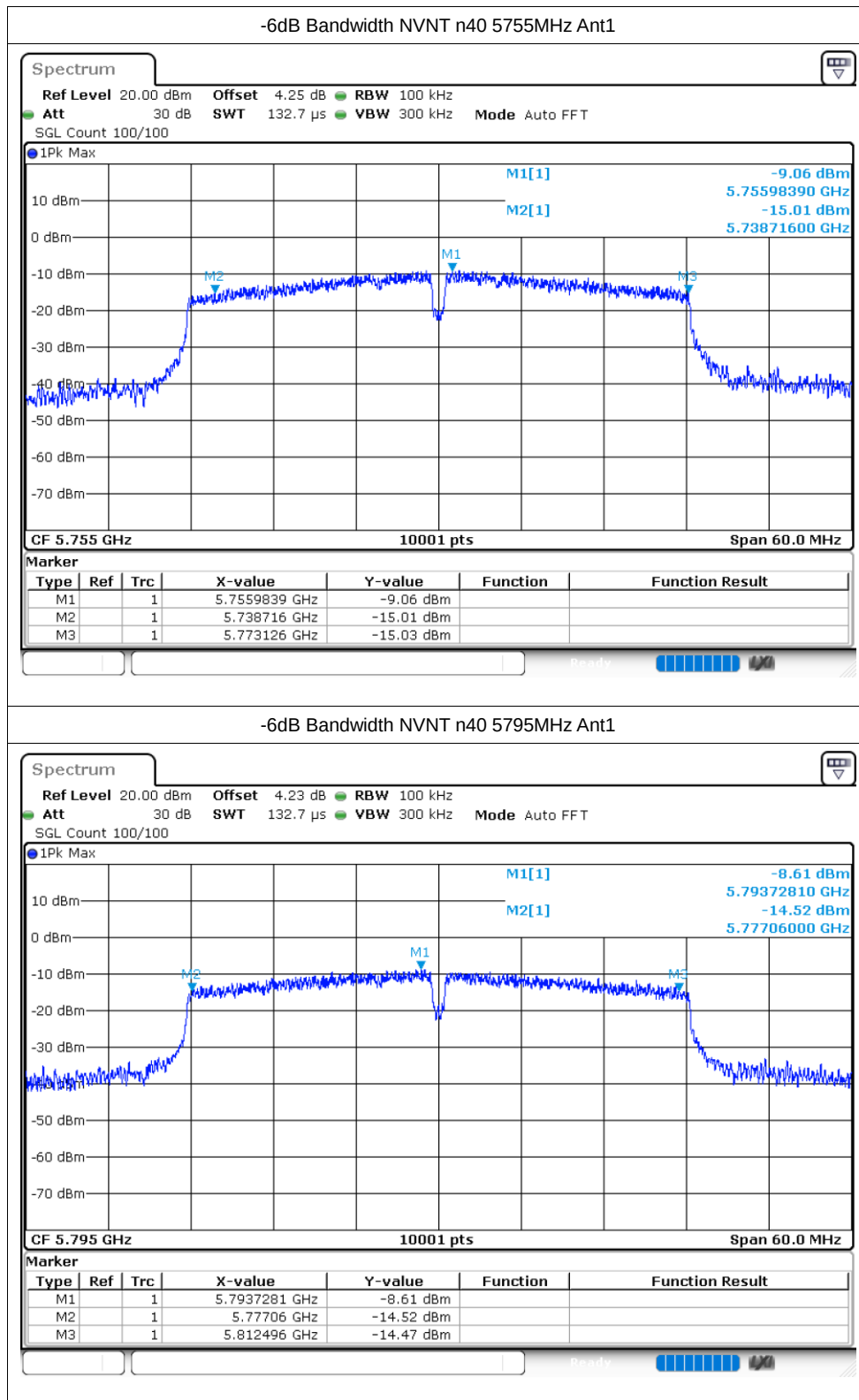
-6dB Bandwidth NVNT a 5825MHz Ant1



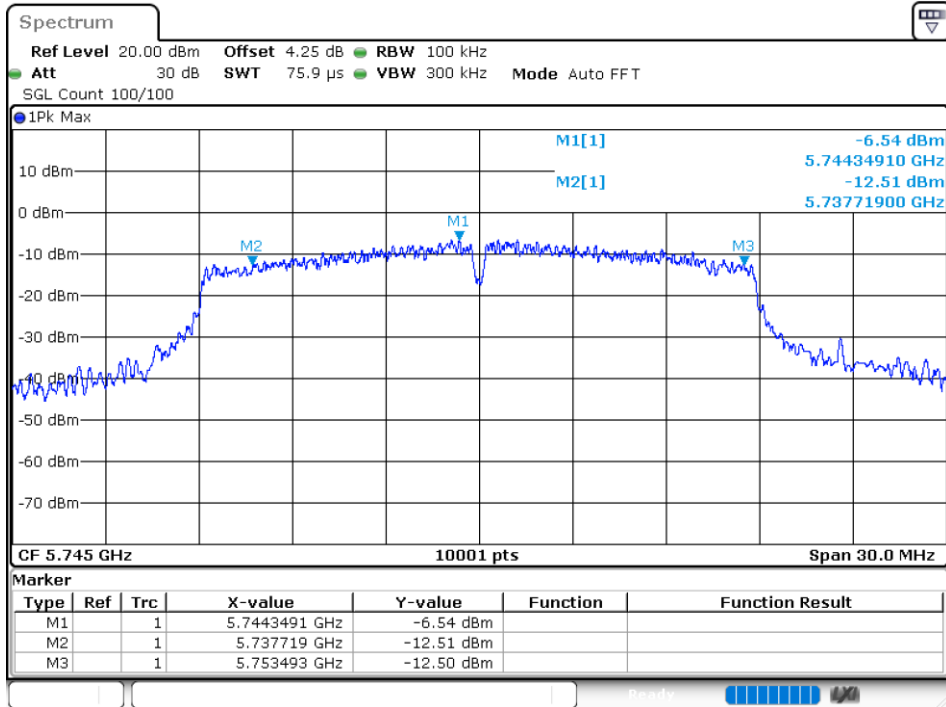
-6dB Bandwidth NVNT n20 5745MHz Ant1







-6dB Bandwidth NVNT ac20 5745MHz Ant1



-6dB Bandwidth NVNT ac20 5785MHz Ant1

