

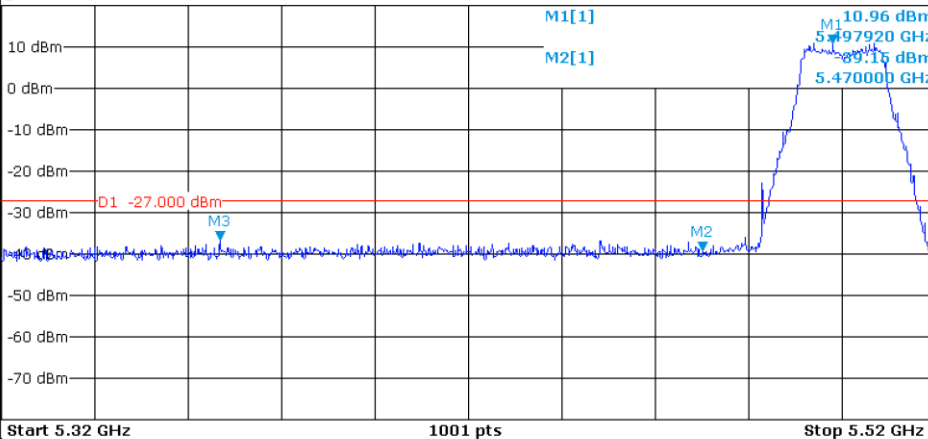
Test Graphs

Band Edge NVNT ac20 5500MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 9.66 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

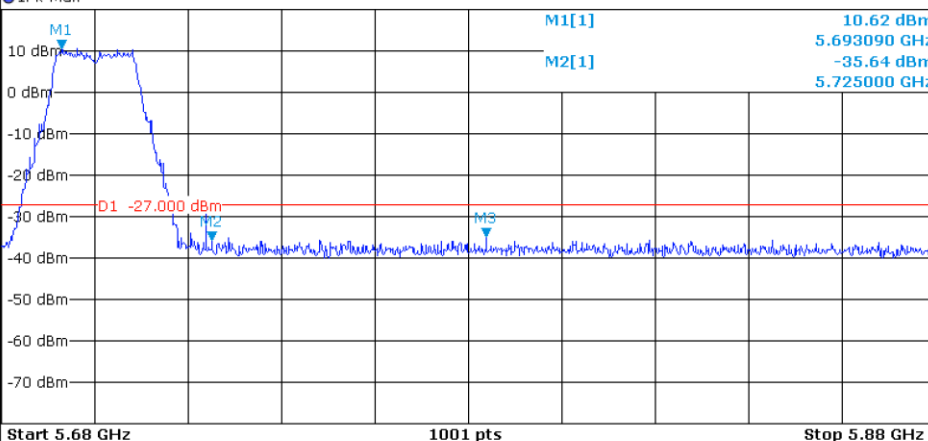
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.49792 GHz	10.96 dBm		
M2	1		5.47 GHz	-39.15 dBm		
M3	1		5.3668 GHz	-36.52 dBm		

Band Edge NVNT ac20 5700MHz High Ant1

Spectrum

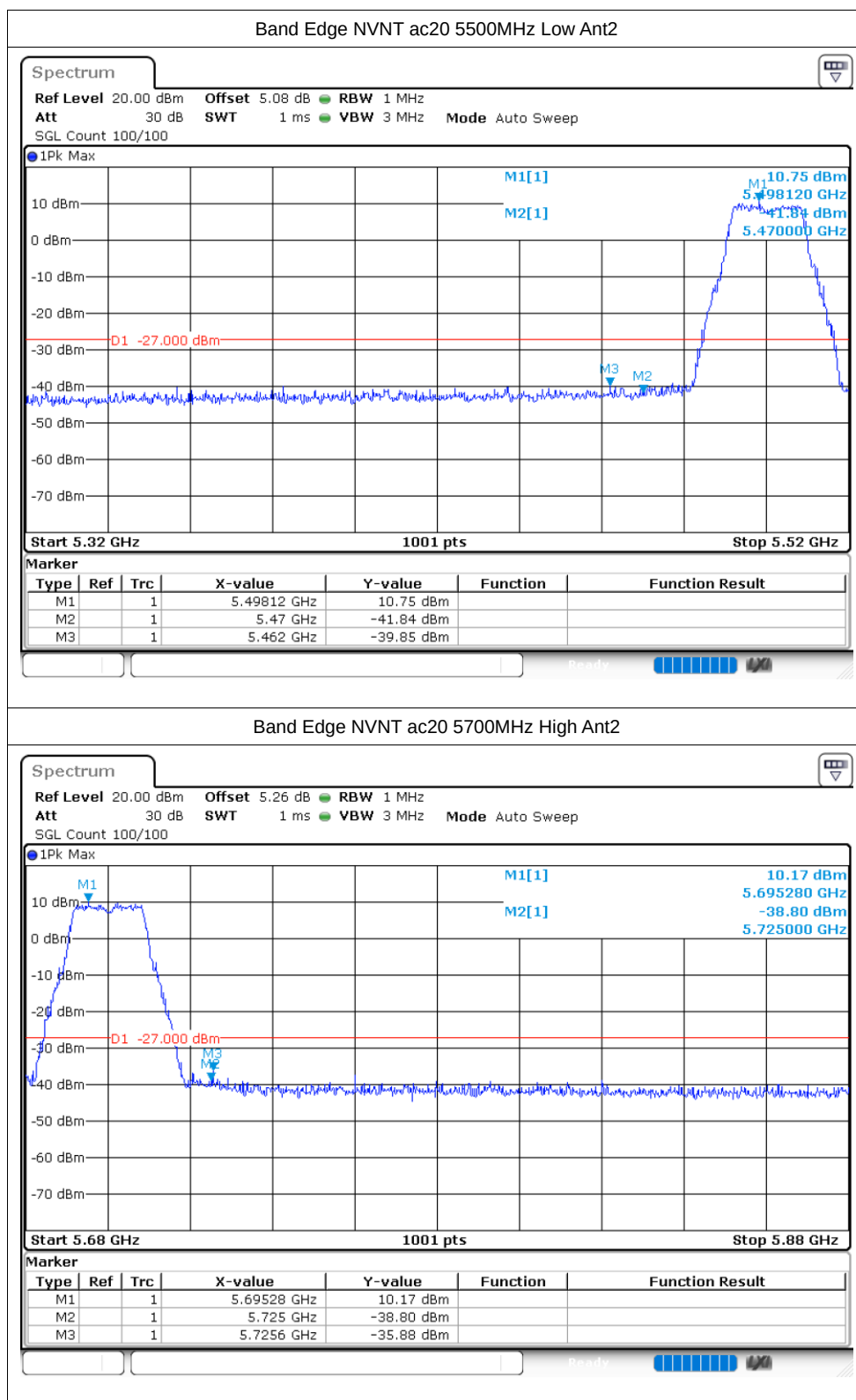
Ref Level 20.00 dBm Offset 9.95 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

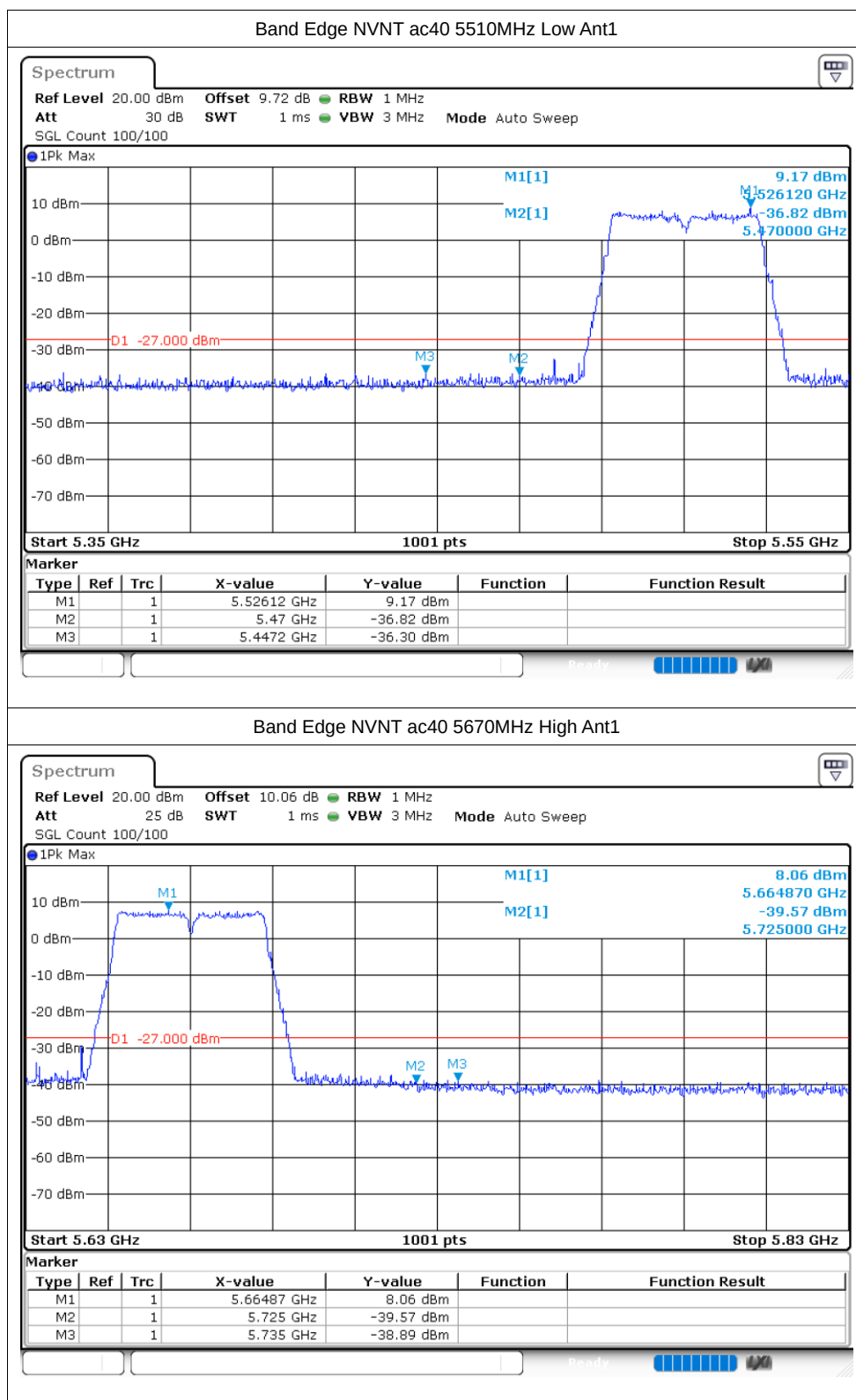
1Pk Max

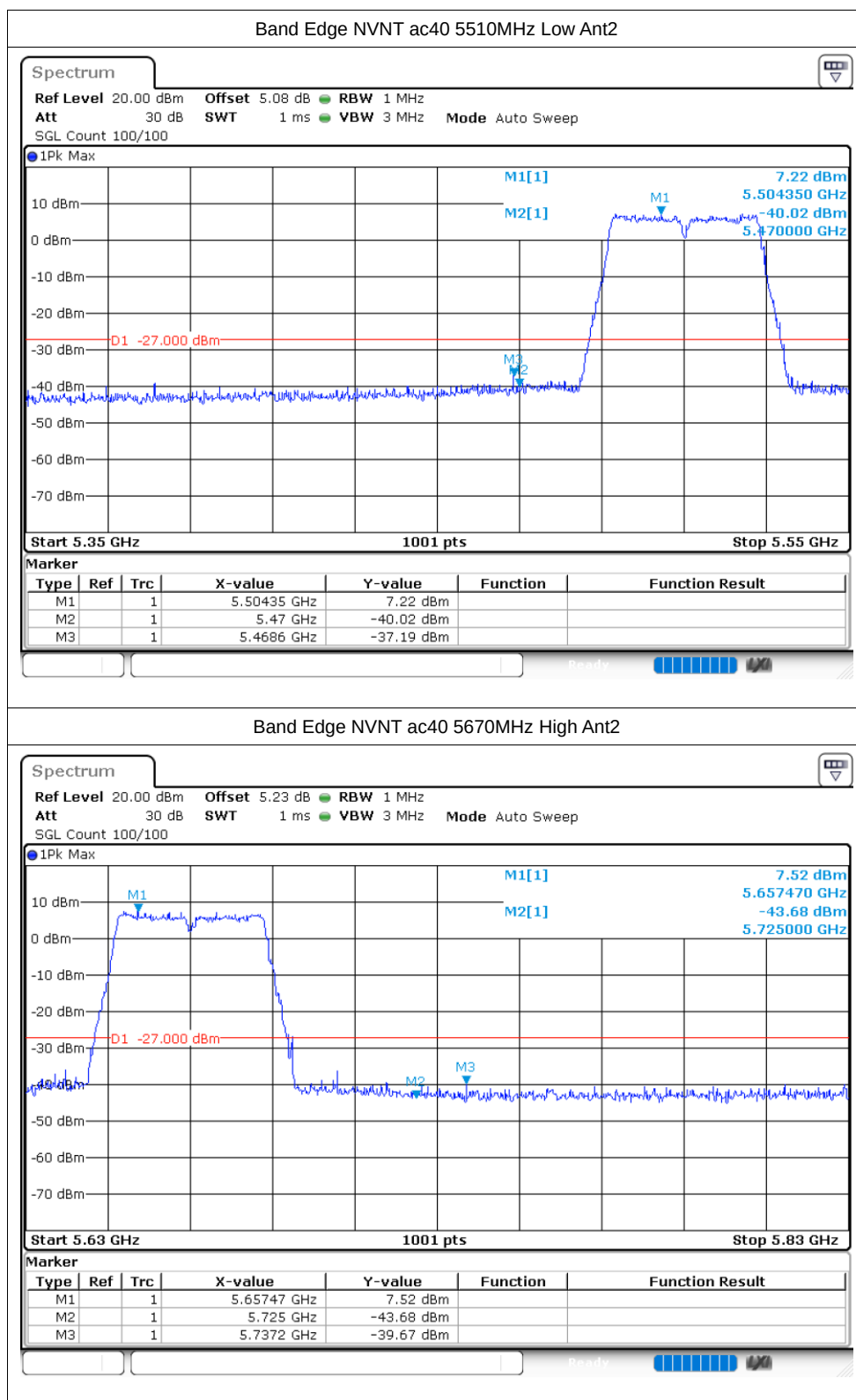


Marker

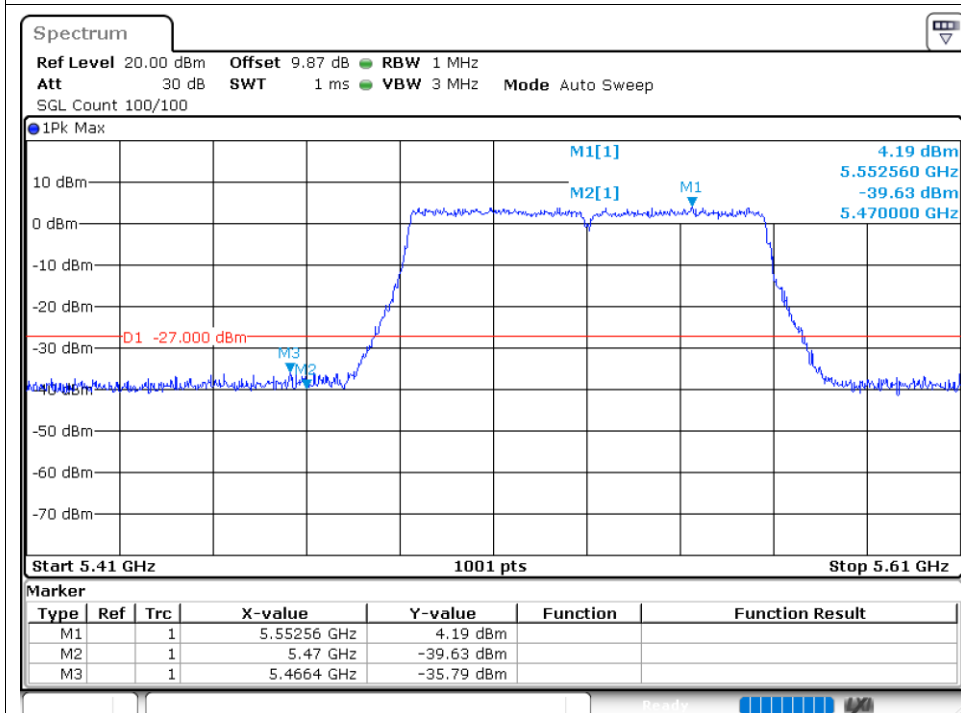
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.69309 GHz	10.62 dBm		
M2	1		5.725 GHz	-35.64 dBm		
M3	1		5.7838 GHz	-34.80 dBm		



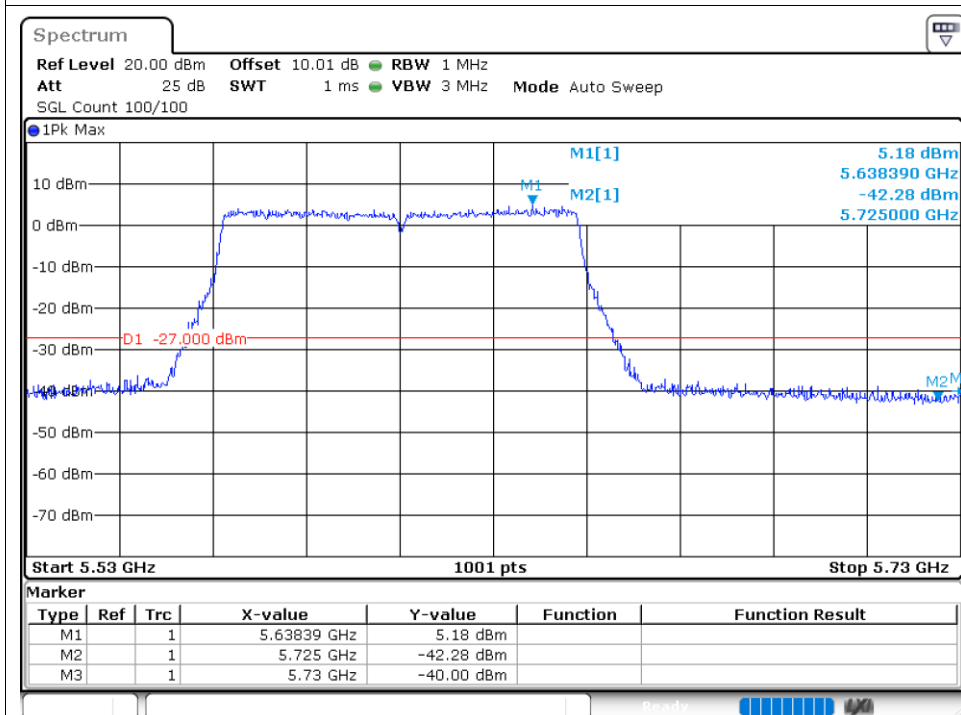


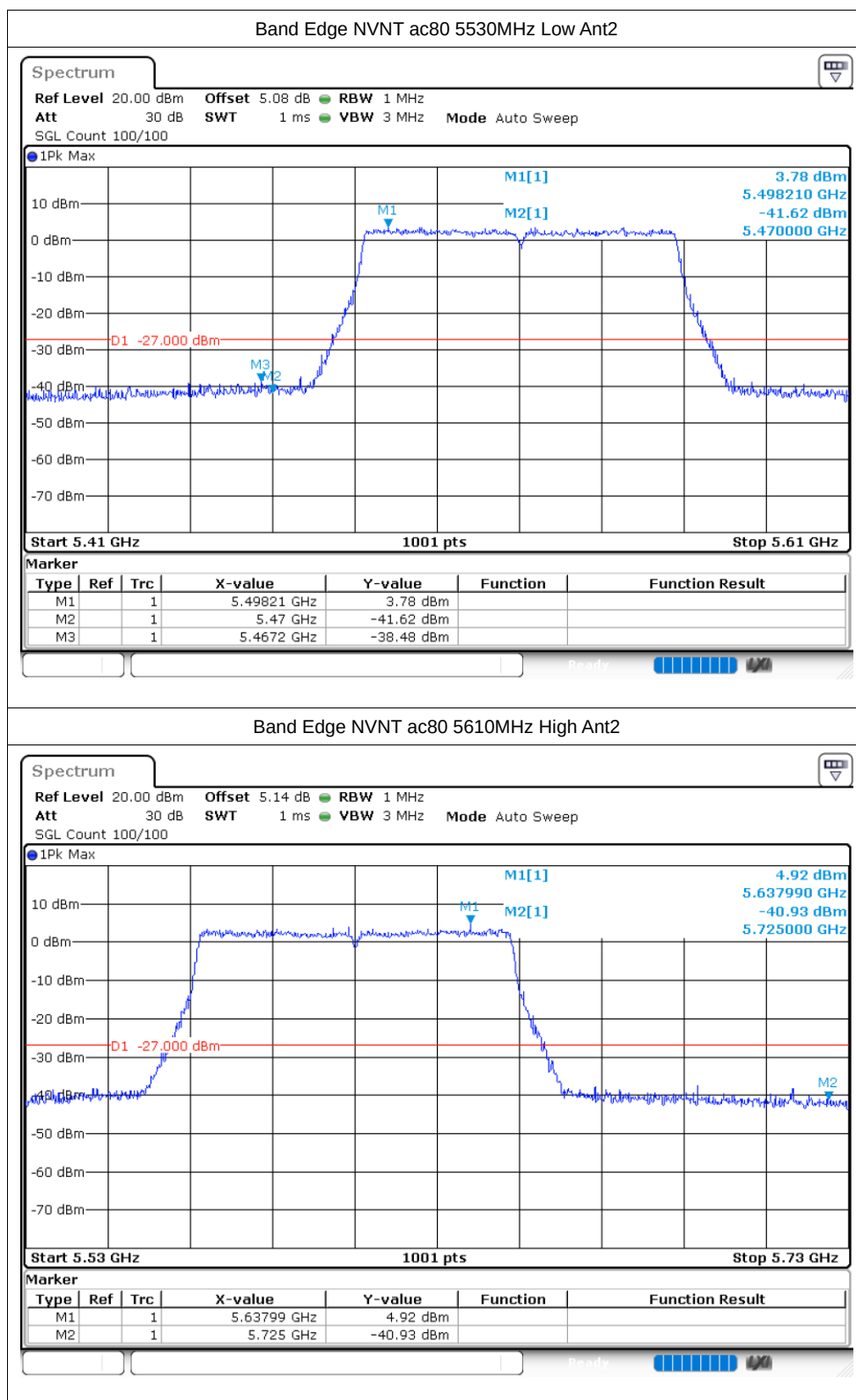


Band Edge NVNT ac80 5530MHz Low Ant1

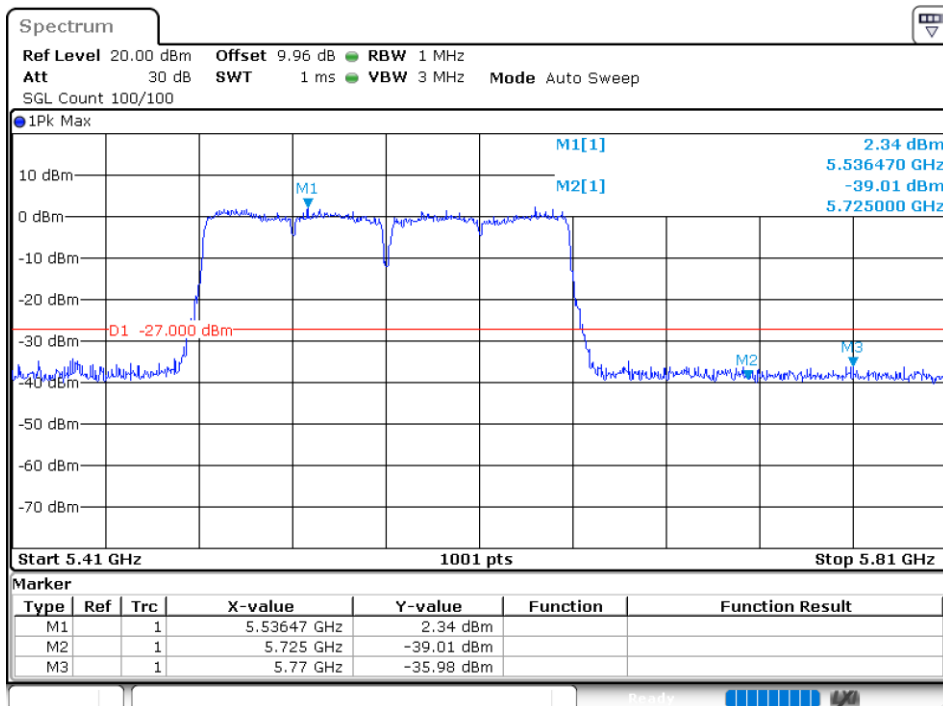


Band Edge NVNT ac80 5610MHz High Ant1

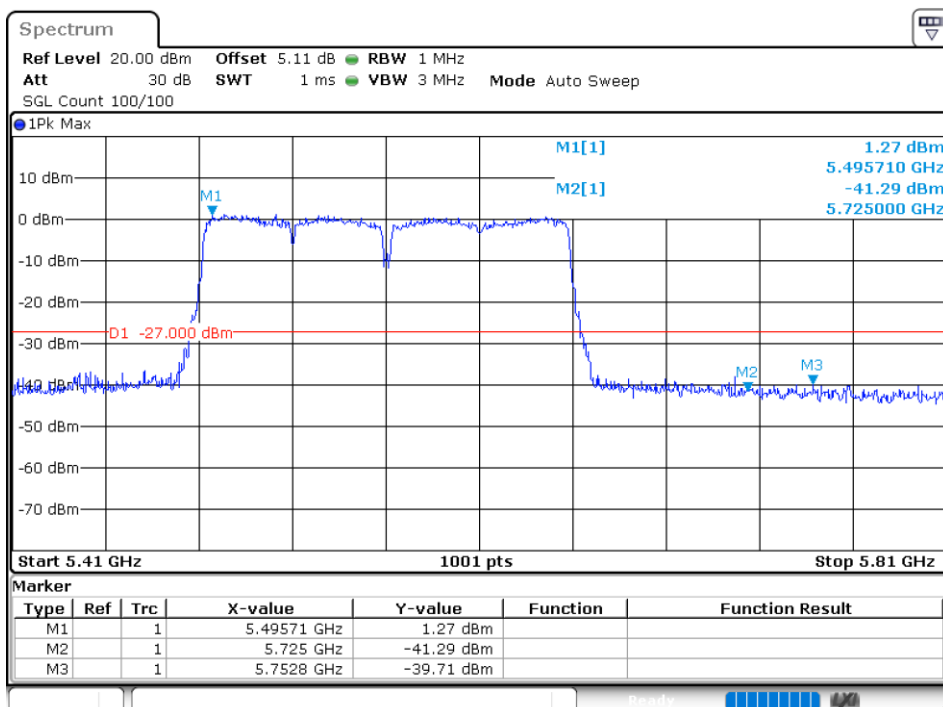




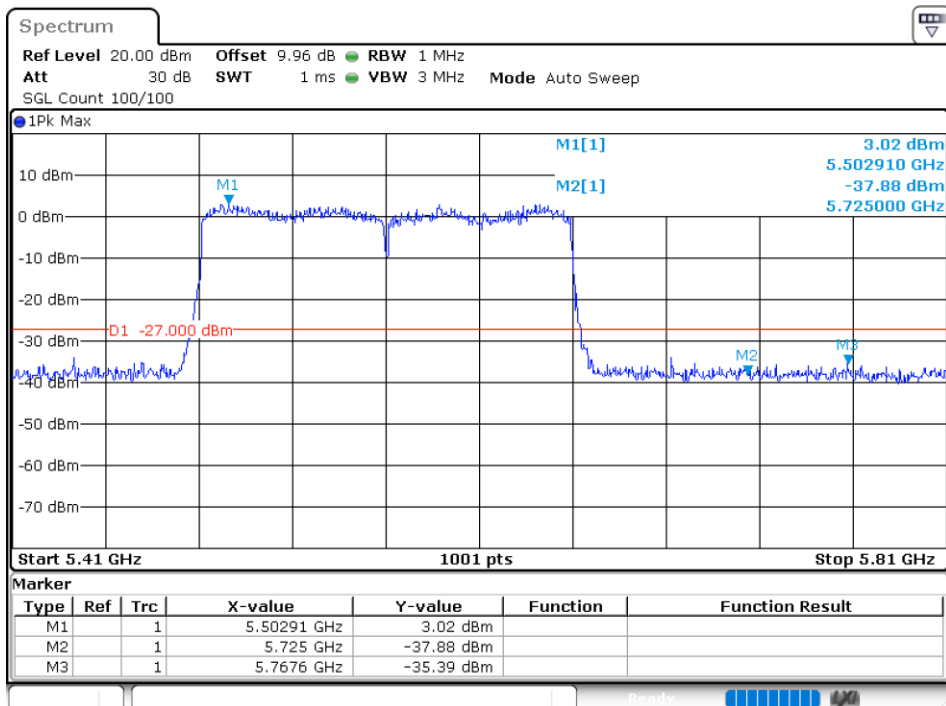
Band Edge NVNT ac160 5570MHz High Ant1



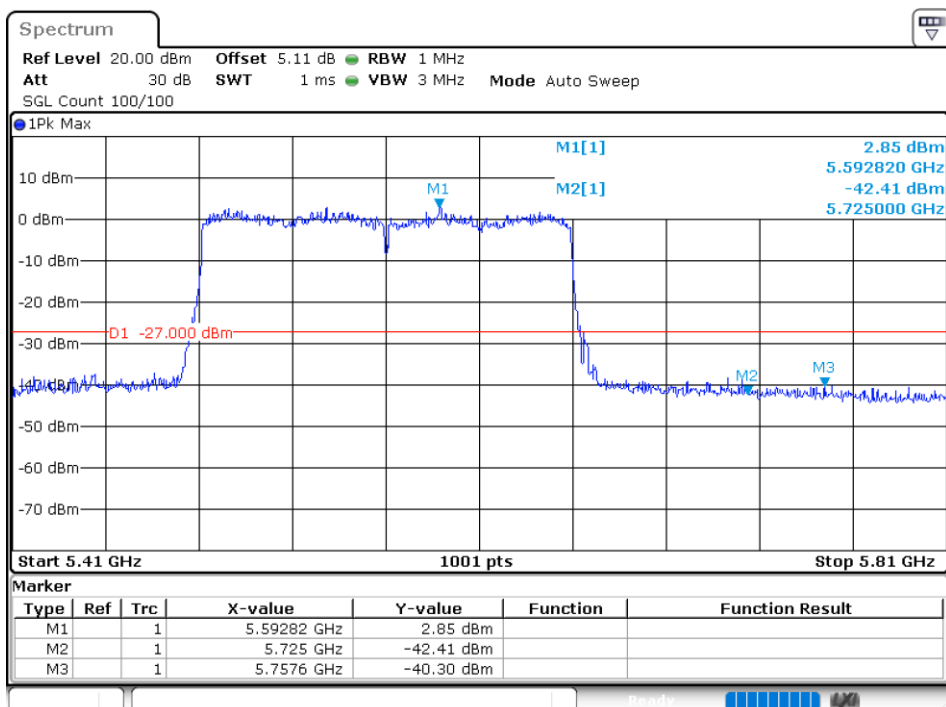
Band Edge NVNT ac160 5570MHz High Ant2

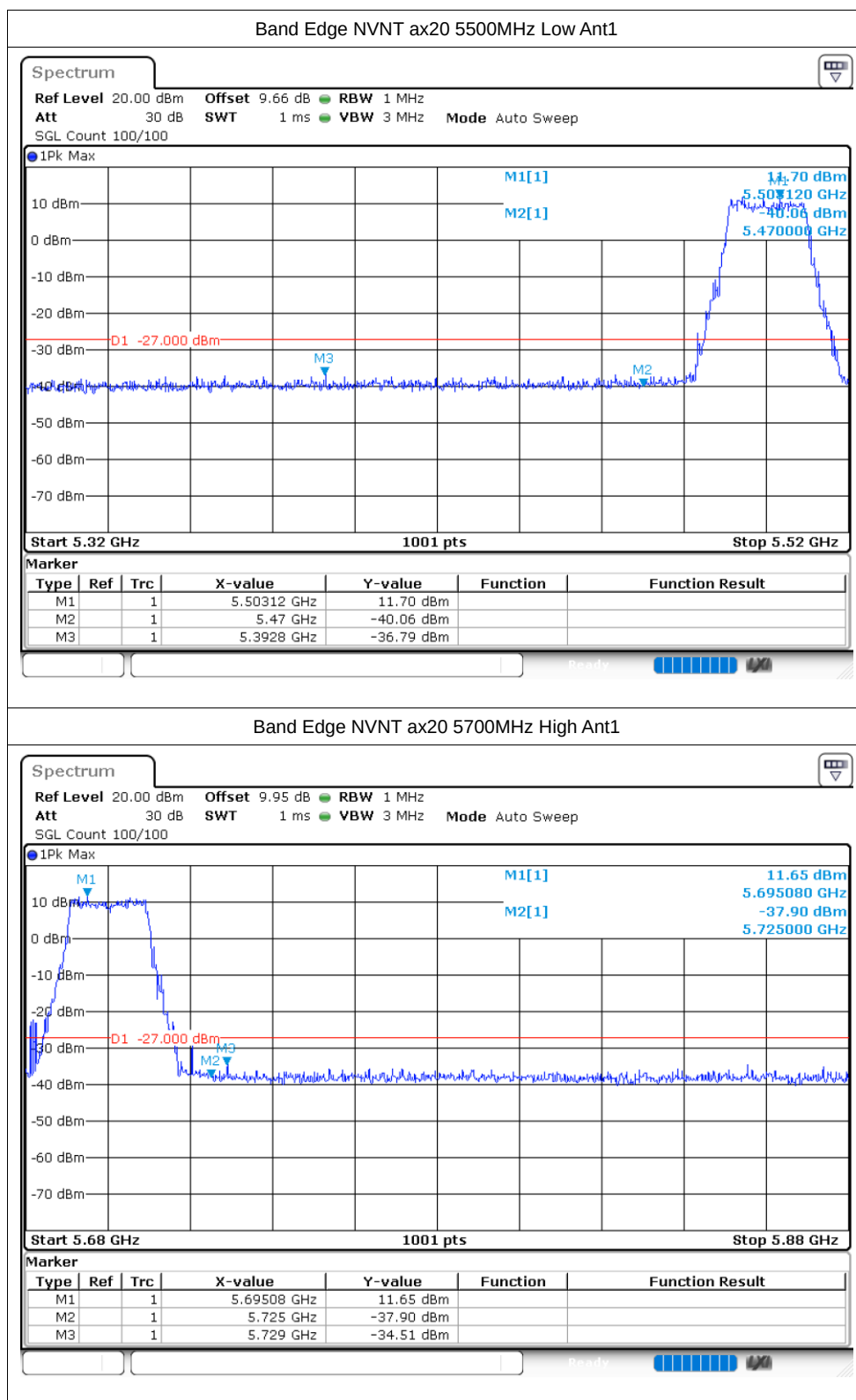


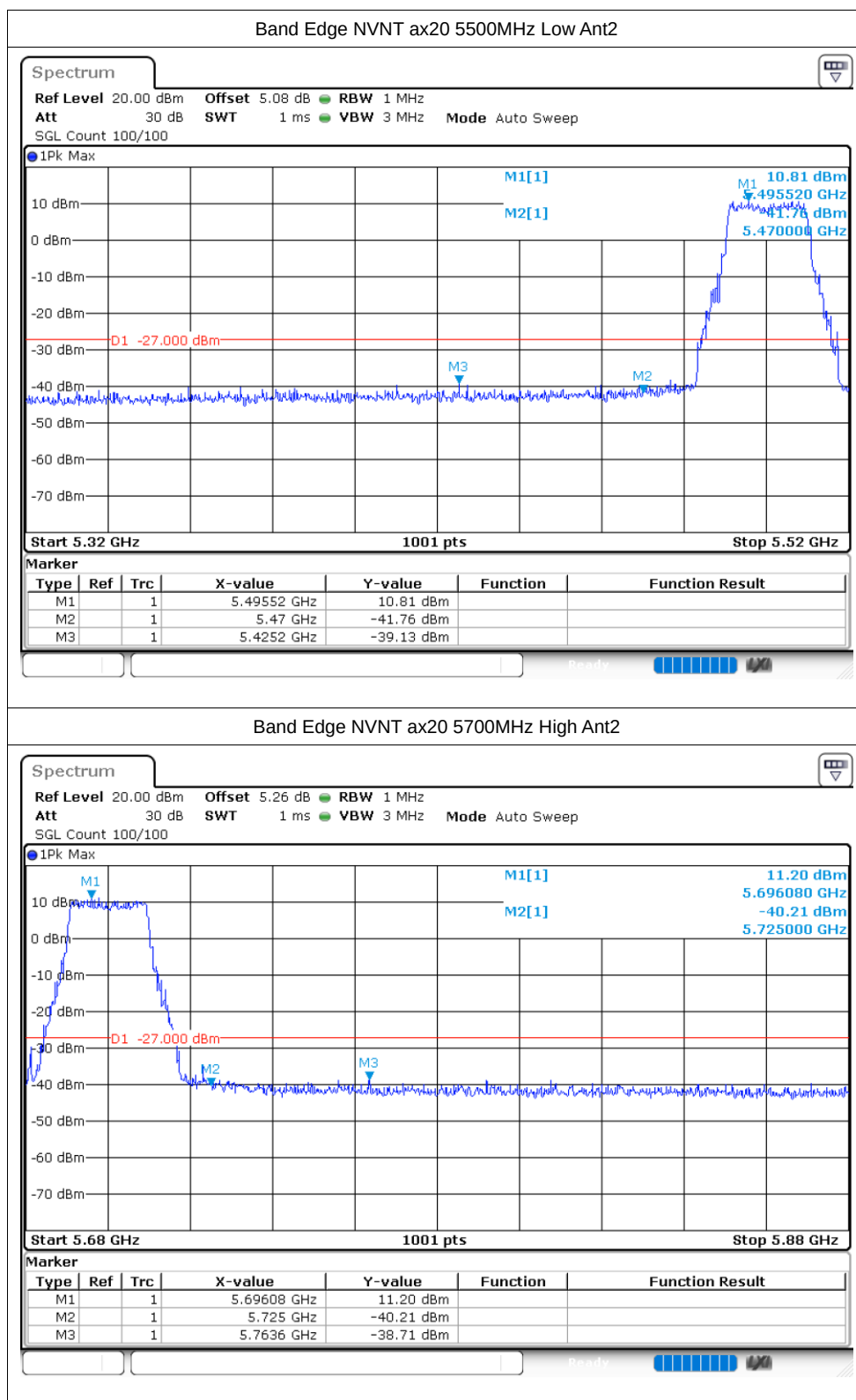
Band Edge NVNT ax160 5570MHz High Ant1

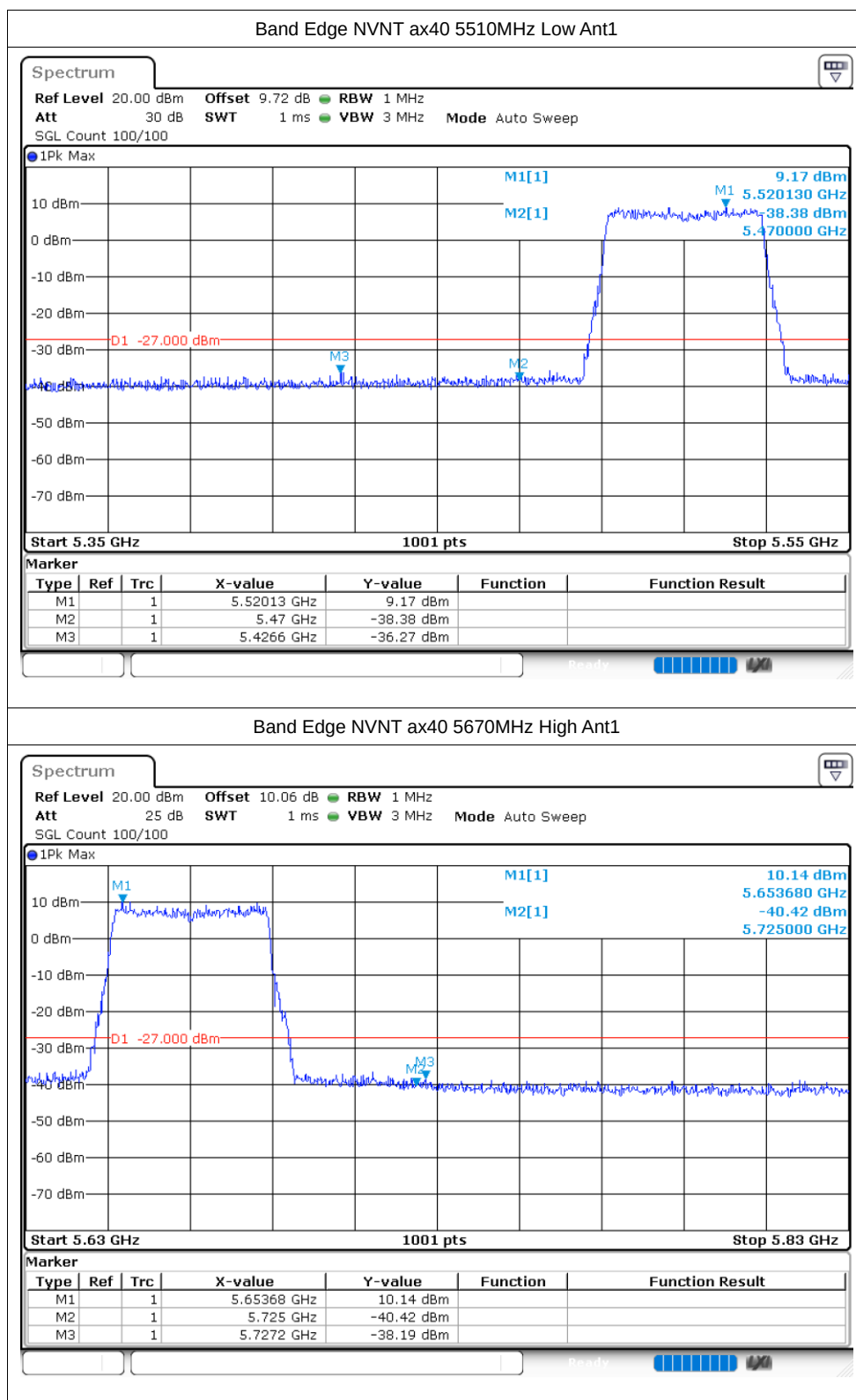


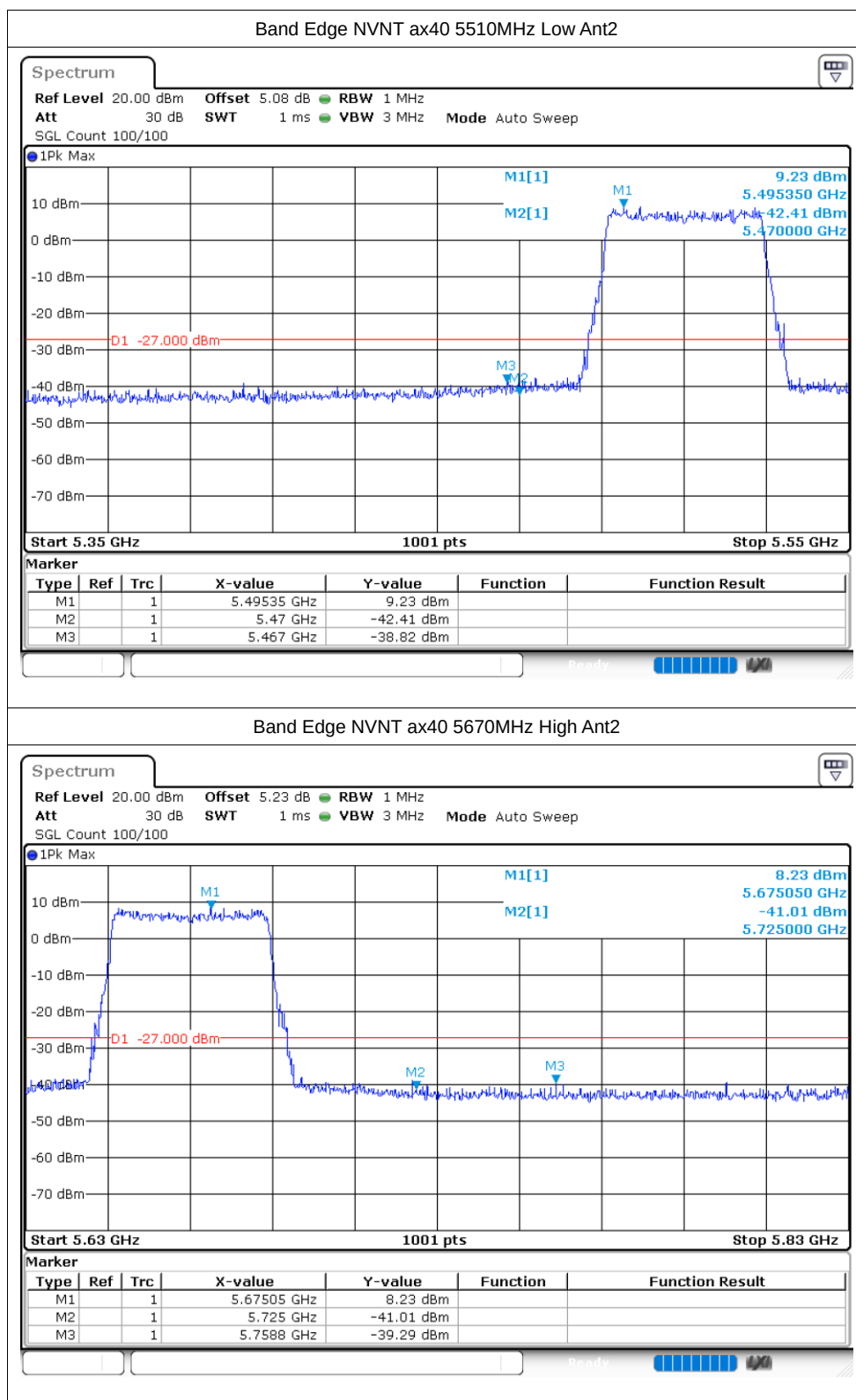
Band Edge NVNT ax160 5570MHz High Ant2



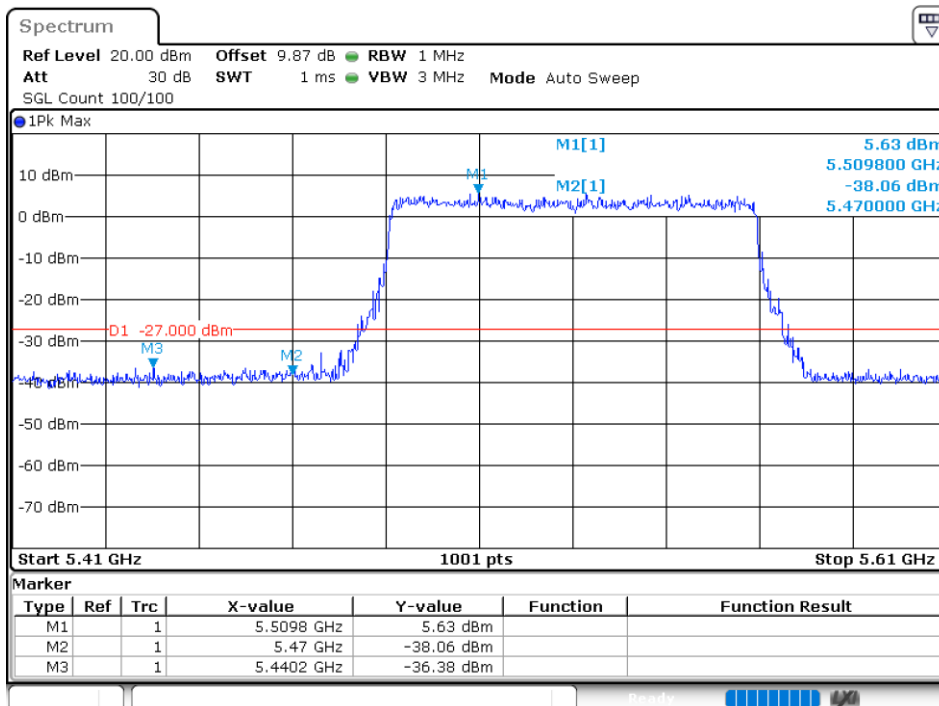




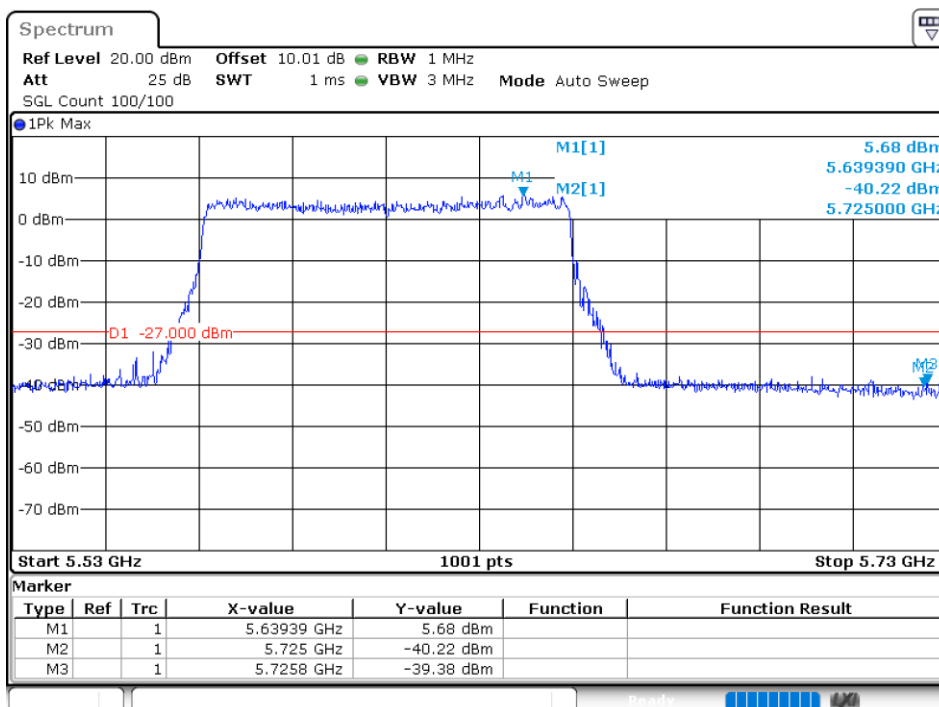




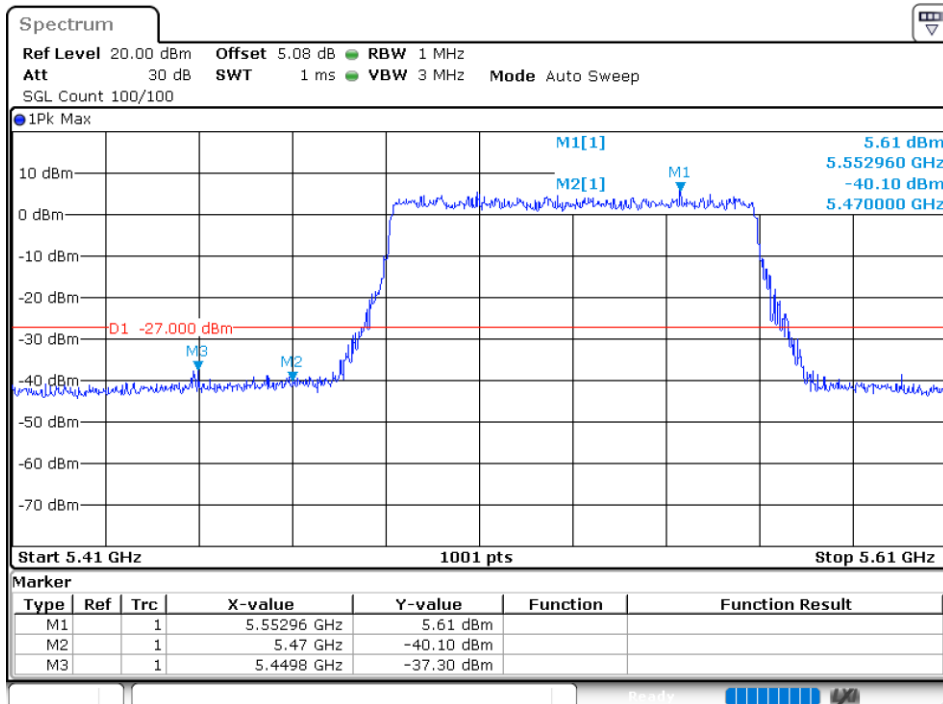
Band Edge NVNT ax80 5530MHz Low Ant1



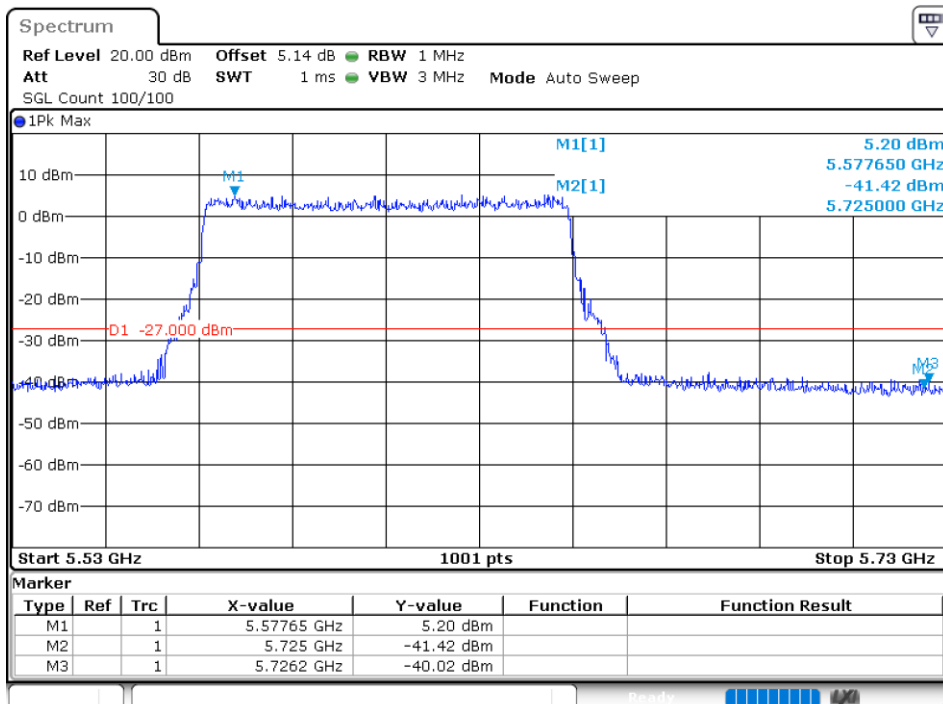
Band Edge NVNT ax80 5610MHz High Ant1



Band Edge NVNT ax80 5530MHz Low Ant2



Band Edge NVNT ax80 5610MHz High Ant2

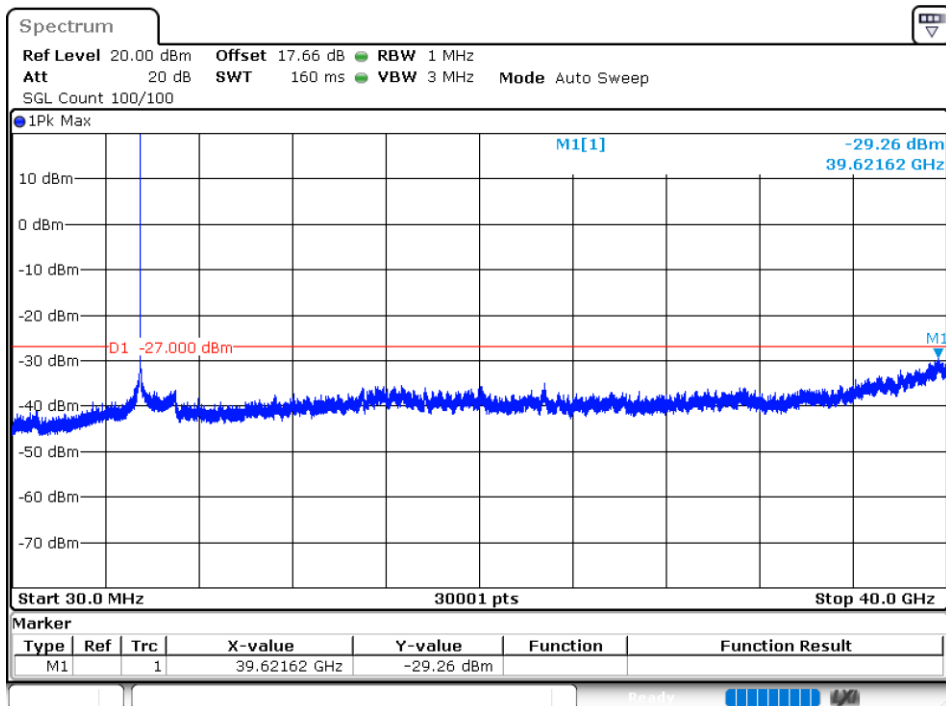


Conducted RF Spurious Emission

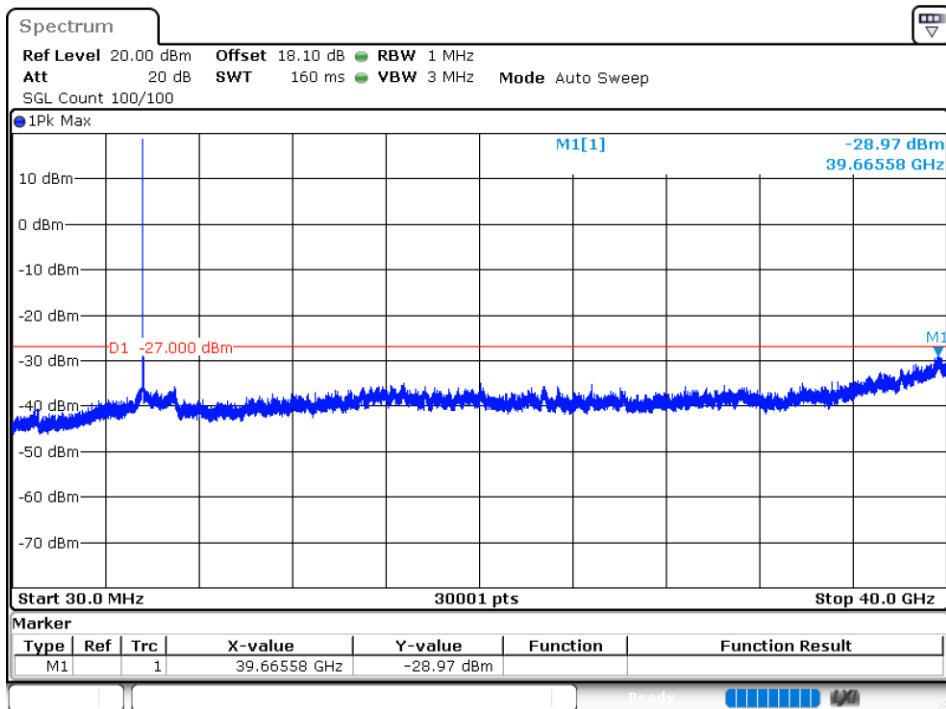
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5500	Ant1	-29.25	-27	Pass
NVNT	ac20	5600	Ant1	-28.97	-27	Pass
NVNT	ac20	5700	Ant1	-27.96	-27	Pass
NVNT	ac20	5500	Ant2	-32.78	-27	Pass
NVNT	ac20	5600	Ant2	-32.47	-27	Pass
NVNT	ac20	5700	Ant2	-33.08	-27	Pass
NVNT	ac40	5510	Ant1	-29.08	-27	Pass
NVNT	ac40	5590	Ant1	-28.64	-27	Pass
NVNT	ac40	5670	Ant1	-28.99	-27	Pass
NVNT	ac40	5510	Ant2	-32.72	-27	Pass
NVNT	ac40	5590	Ant2	-32.44	-27	Pass
NVNT	ac40	5670	Ant2	-32.73	-27	Pass
NVNT	ac80	5530	Ant1	-28.84	-27	Pass
NVNT	ac80	5610	Ant1	-27.84	-27	Pass
NVNT	ac80	5530	Ant2	-33.38	-27	Pass
NVNT	ac80	5610	Ant2	-32.78	-27	Pass
NVNT	ac160	5570	Ant1	-28.21	-27	Pass
NVNT	ac160	5570	Ant2	-32.6	-27	Pass
NVNT	ax160	5570	Ant1	-28.62	-27	Pass
NVNT	ax160	5570	Ant2	-32.9	-27	Pass
NVNT	ax20	5500	Ant1	-28.83	-27	Pass
NVNT	ax20	5600	Ant1	-29	-27	Pass
NVNT	ax20	5700	Ant1	-28.57	-27	Pass
NVNT	ax20	5500	Ant2	-32.77	-27	Pass
NVNT	ax20	5600	Ant2	-31.96	-27	Pass
NVNT	ax20	5700	Ant2	-32.2	-27	Pass
NVNT	ax40	5510	Ant1	-28.97	-27	Pass
NVNT	ax40	5590	Ant1	-29.08	-27	Pass
NVNT	ax40	5670	Ant1	-29.57	-27	Pass
NVNT	ax40	5510	Ant2	-32.66	-27	Pass
NVNT	ax40	5590	Ant2	-33.04	-27	Pass
NVNT	ax40	5670	Ant2	-33.21	-27	Pass
NVNT	ax80	5530	Ant1	-29.34	-27	Pass
NVNT	ax80	5610	Ant1	-29.39	-27	Pass
NVNT	ax80	5530	Ant2	-31.91	-27	Pass
NVNT	ax80	5610	Ant2	-32.8	-27	Pass

Test Graphs

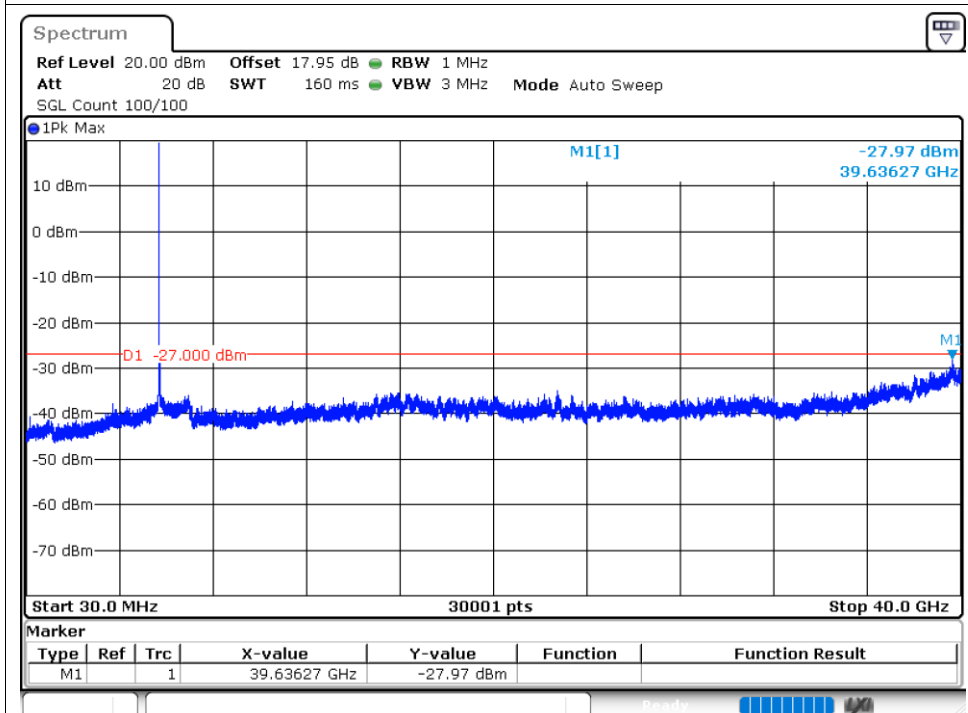
Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



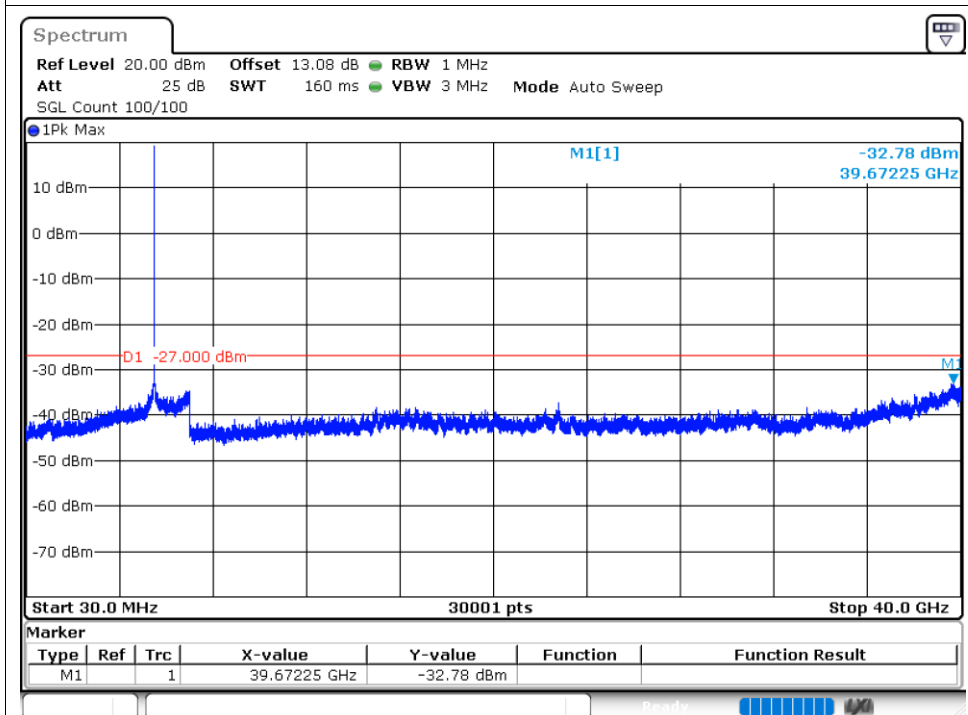
Tx. Spurious NVNT ac20 5600MHz Ant1 Emission



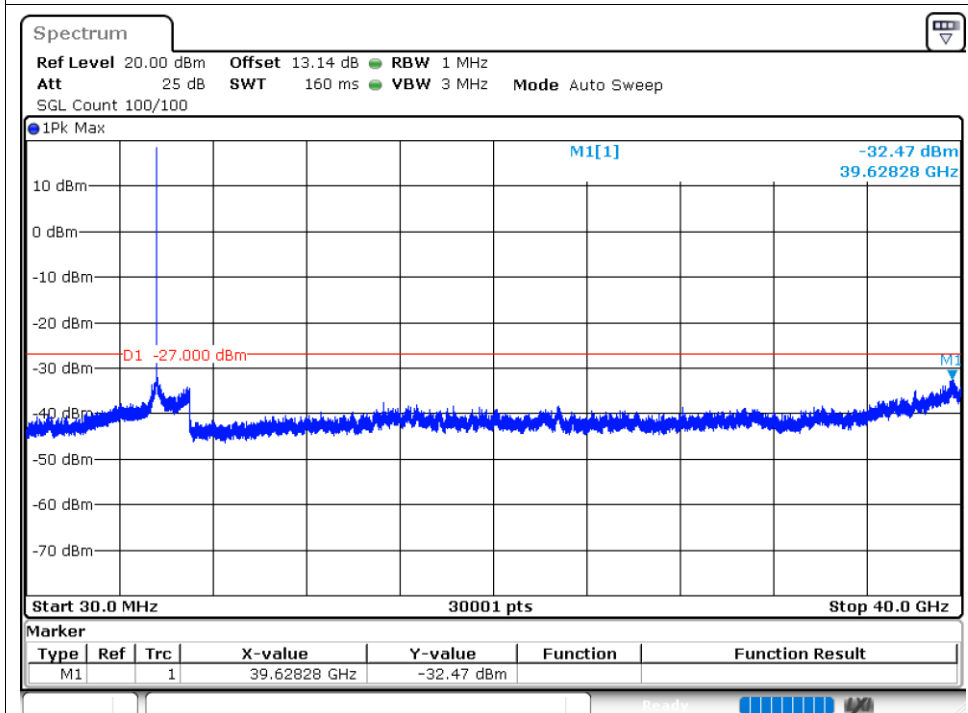
Tx. Spurious NVNT ac20 5700MHz Ant1 Emission



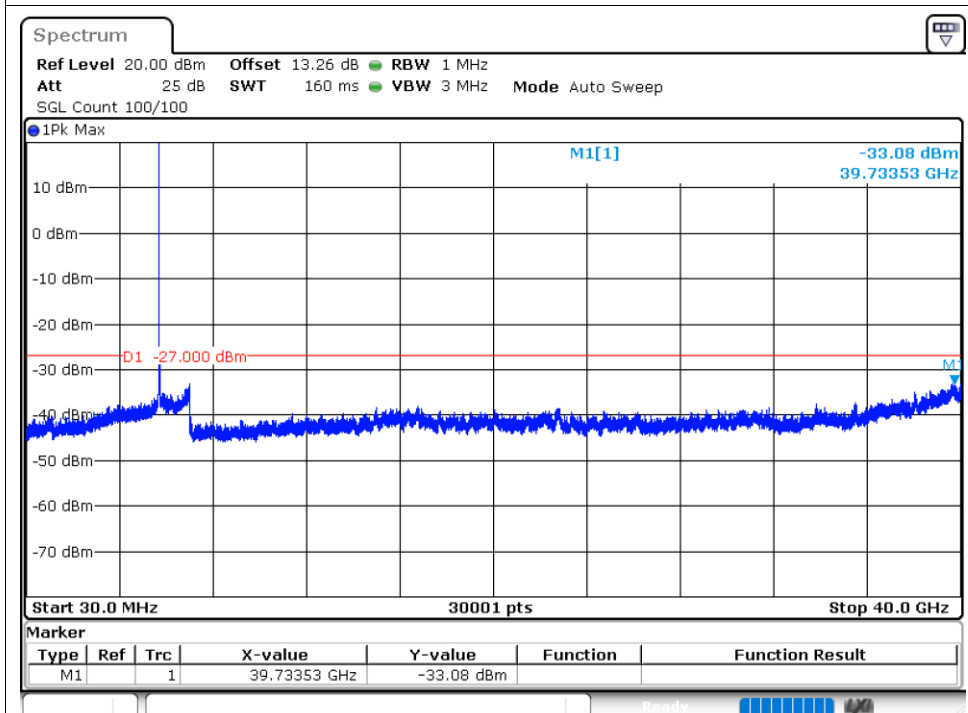
Tx. Spurious NVNT ac20 5500MHz Ant2 Emission

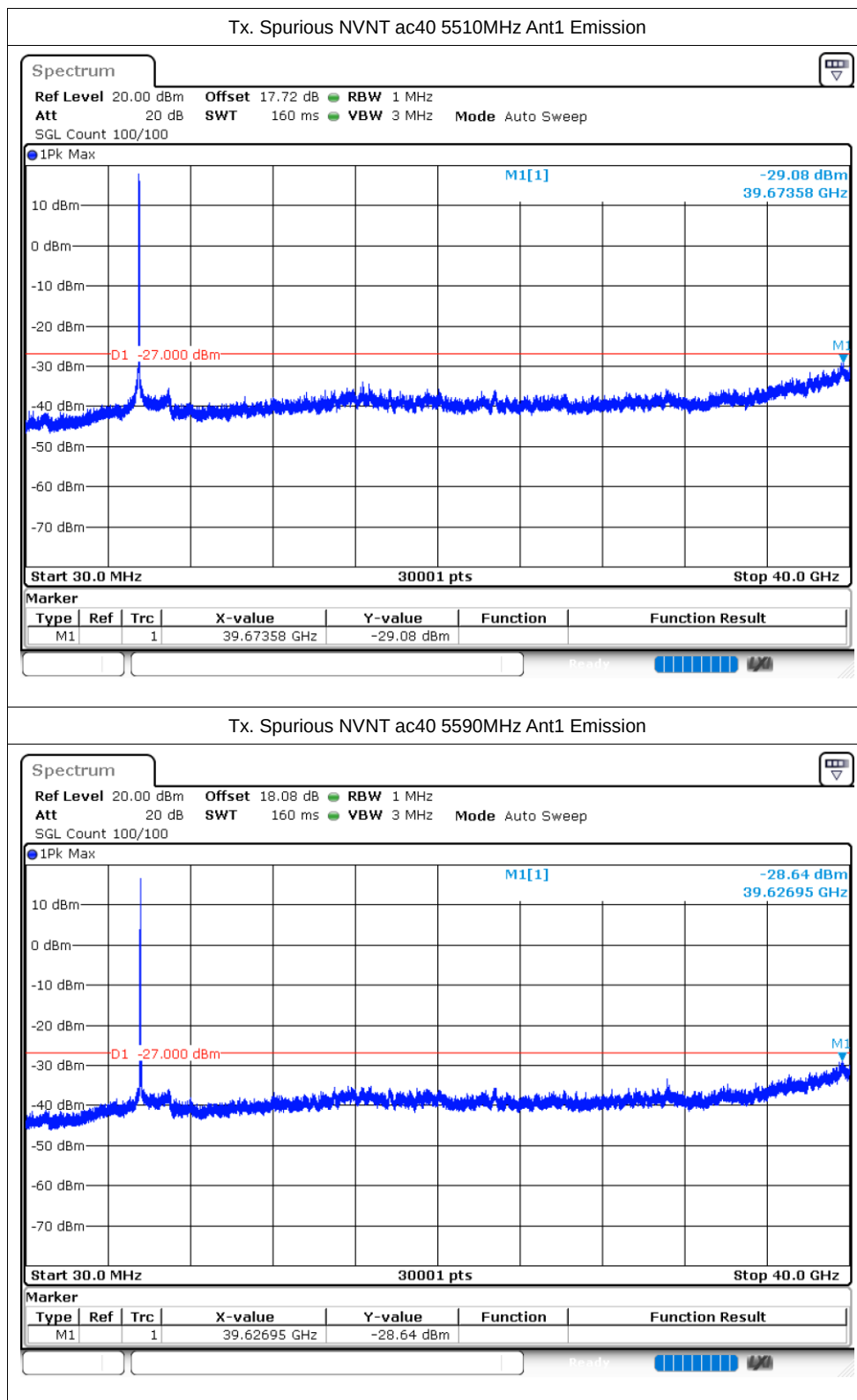


Tx. Spurious NVNT ac20 5600MHz Ant2 Emission

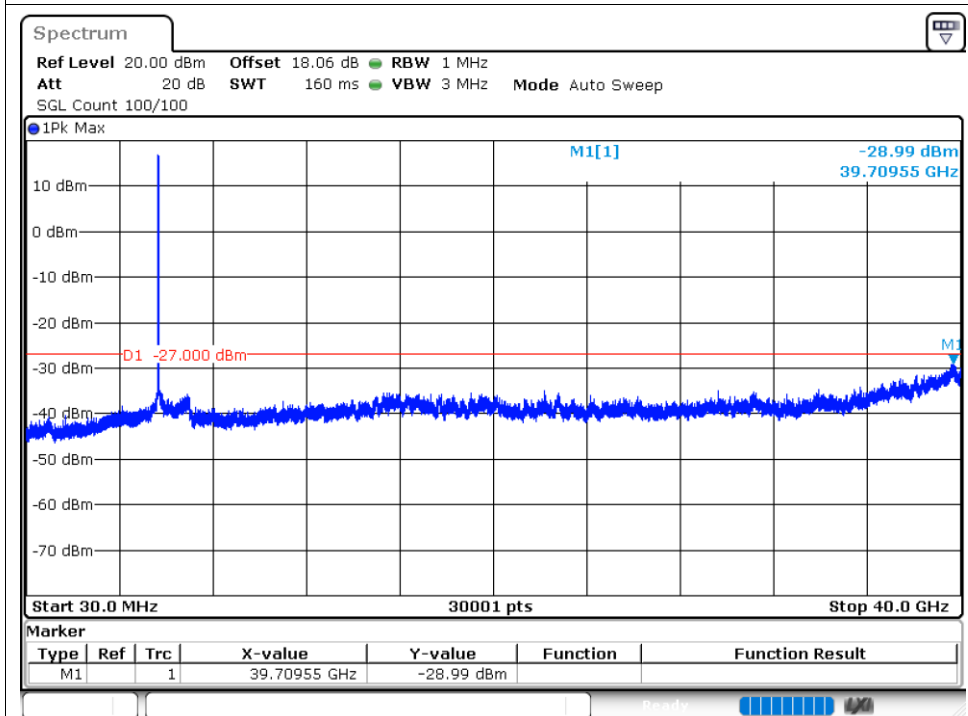


Tx. Spurious NVNT ac20 5700MHz Ant2 Emission

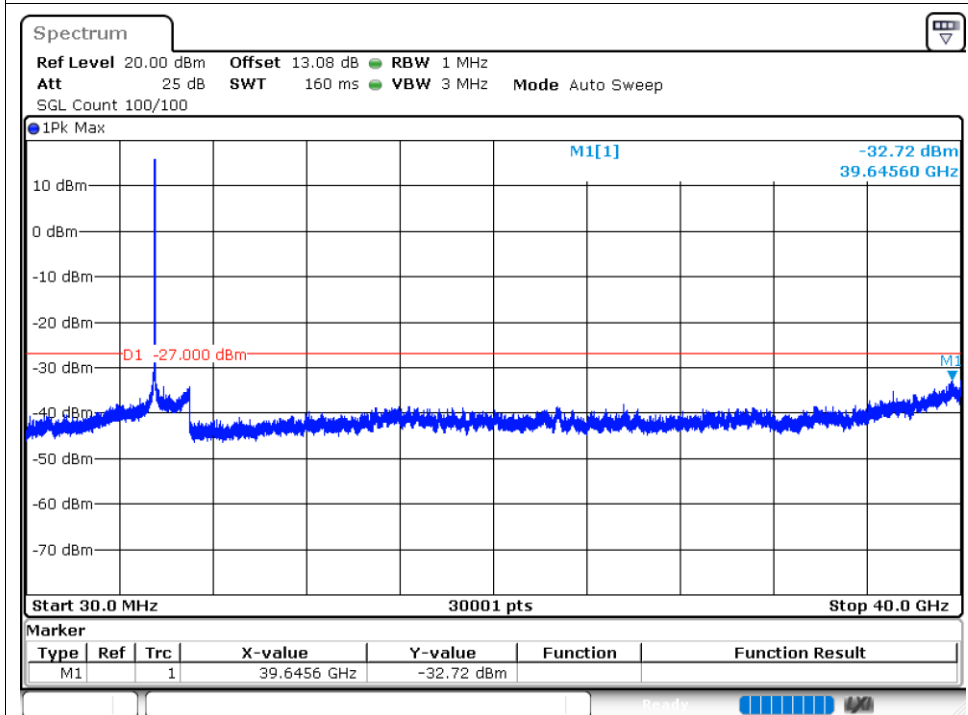




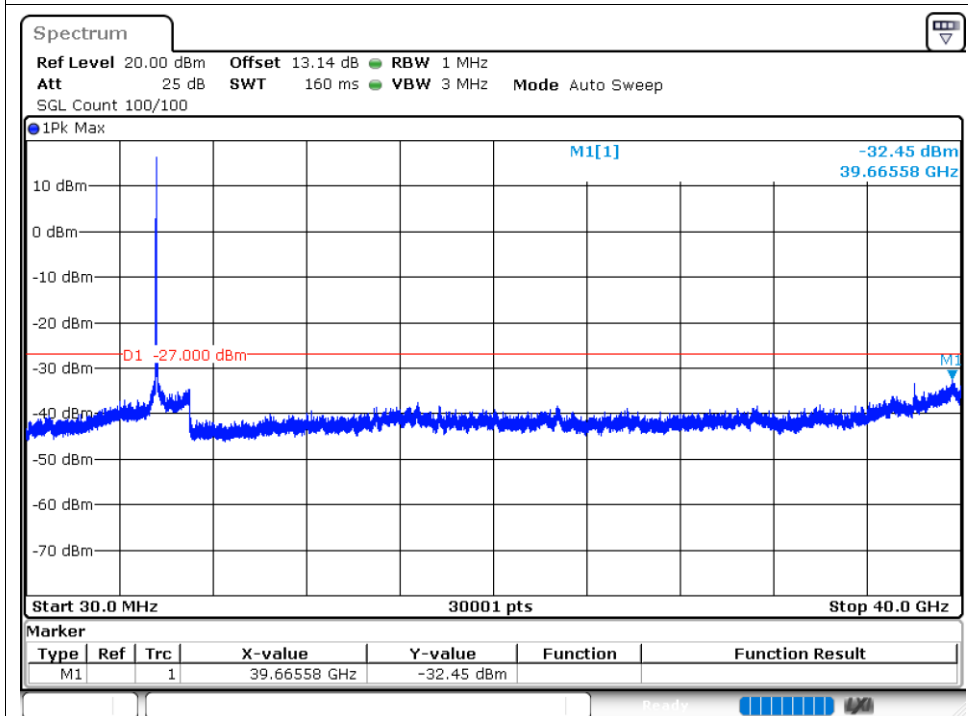
Tx. Spurious NVNT ac40 5670MHz Ant1 Emission



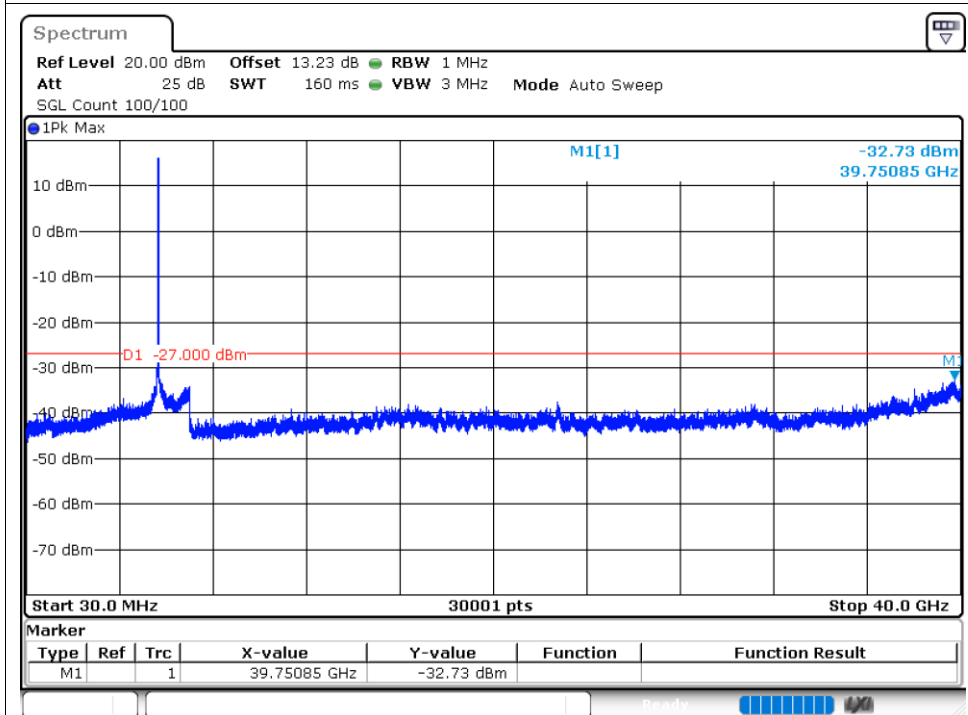
Tx. Spurious NVNT ac40 5510MHz Ant2 Emission



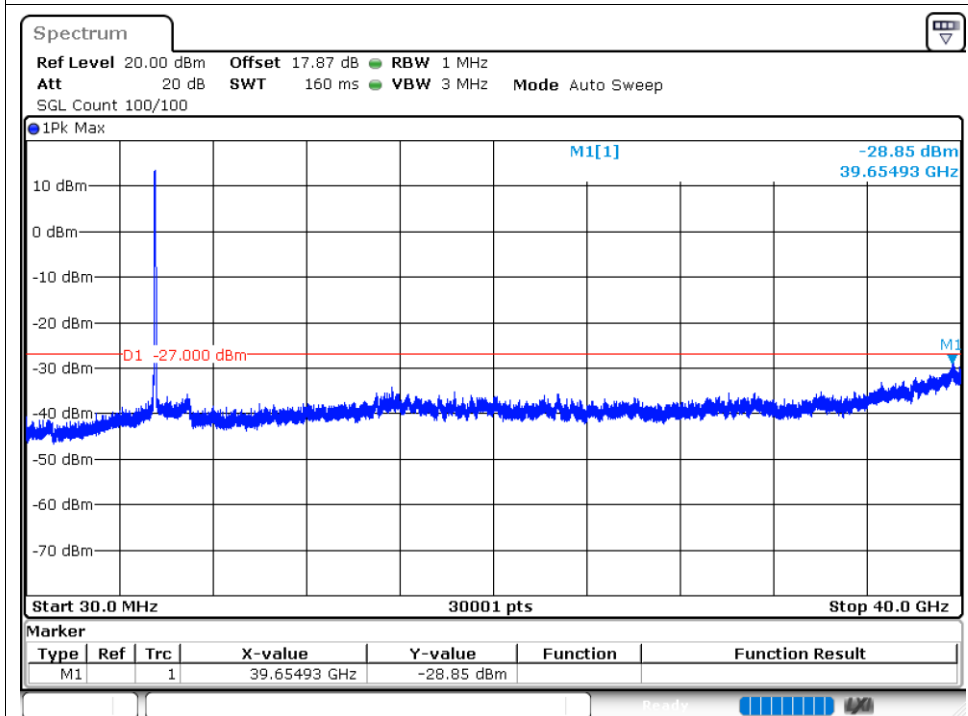
Tx. Spurious NVNT ac40 5590MHz Ant2 Emission



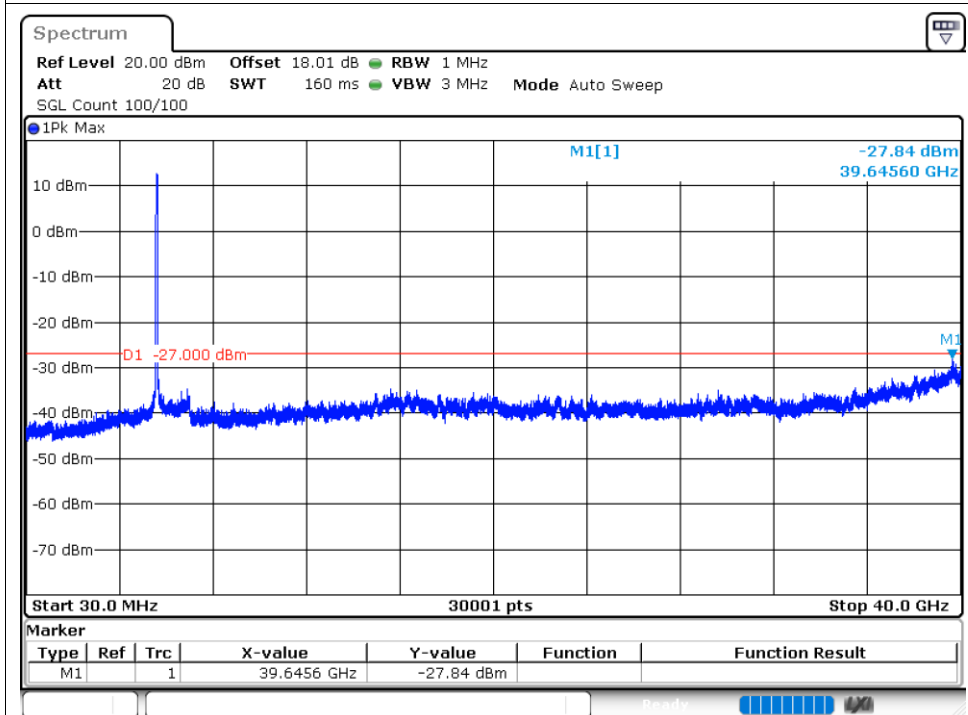
Tx. Spurious NVNT ac40 5670MHz Ant2 Emission

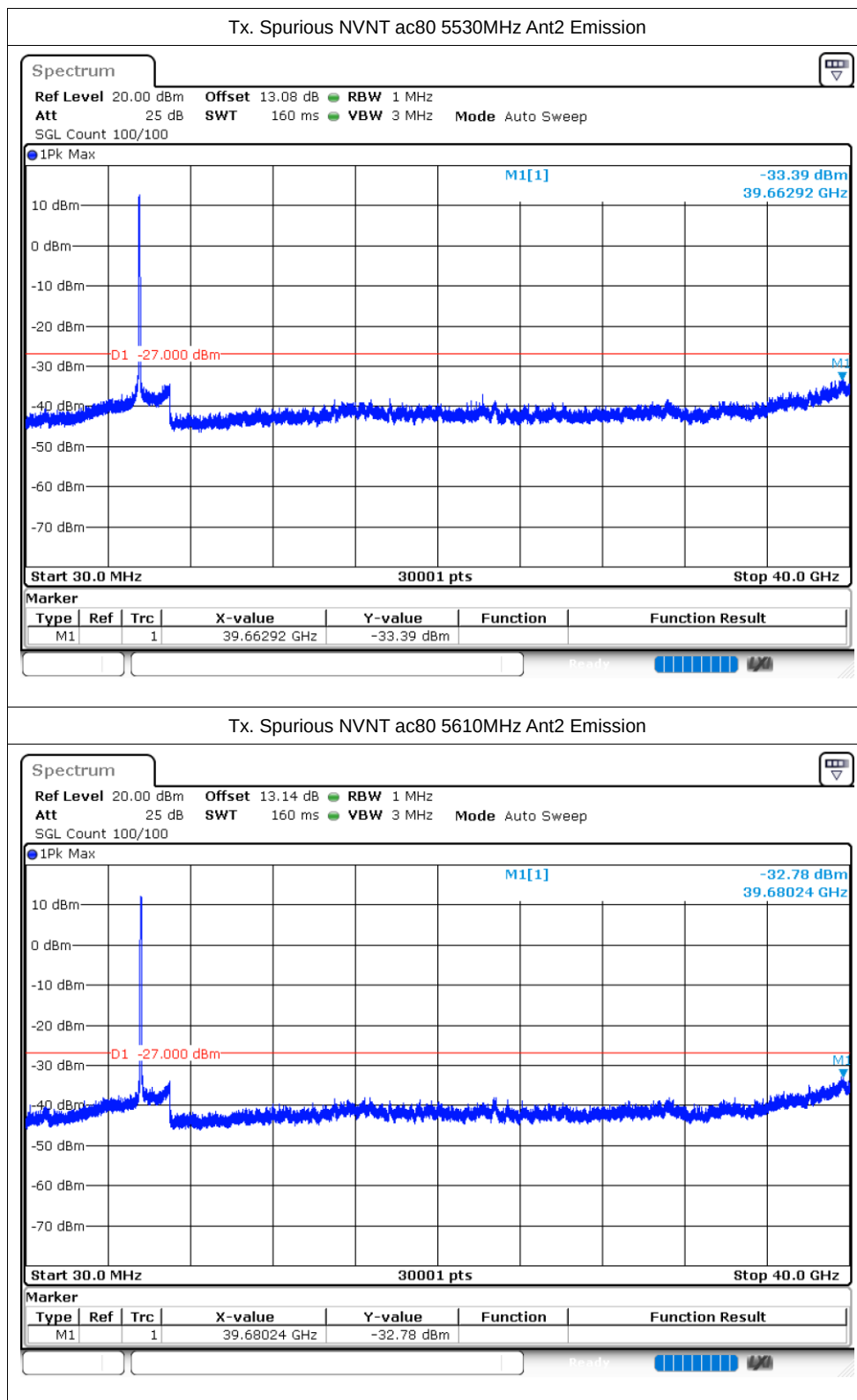


Tx. Spurious NVNT ac80 5530MHz Ant1 Emission

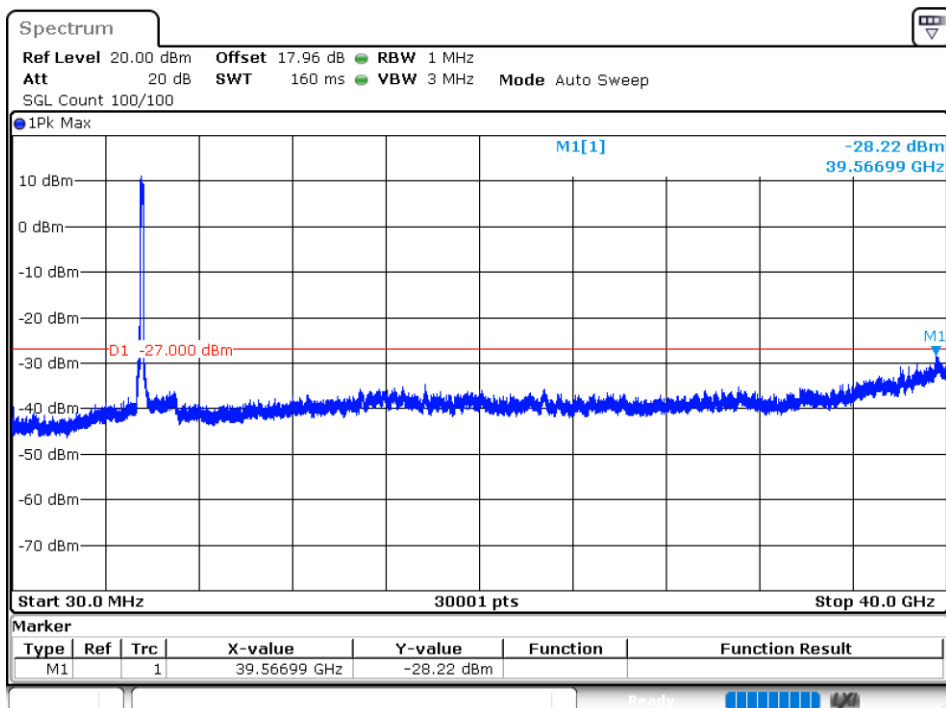


Tx. Spurious NVNT ac80 5610MHz Ant1 Emission

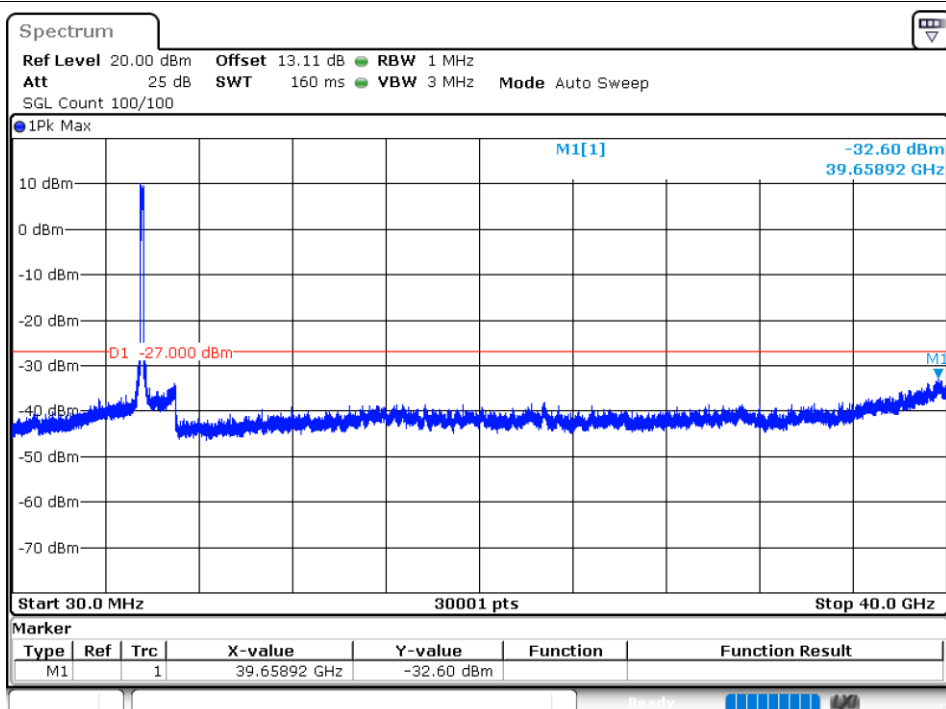




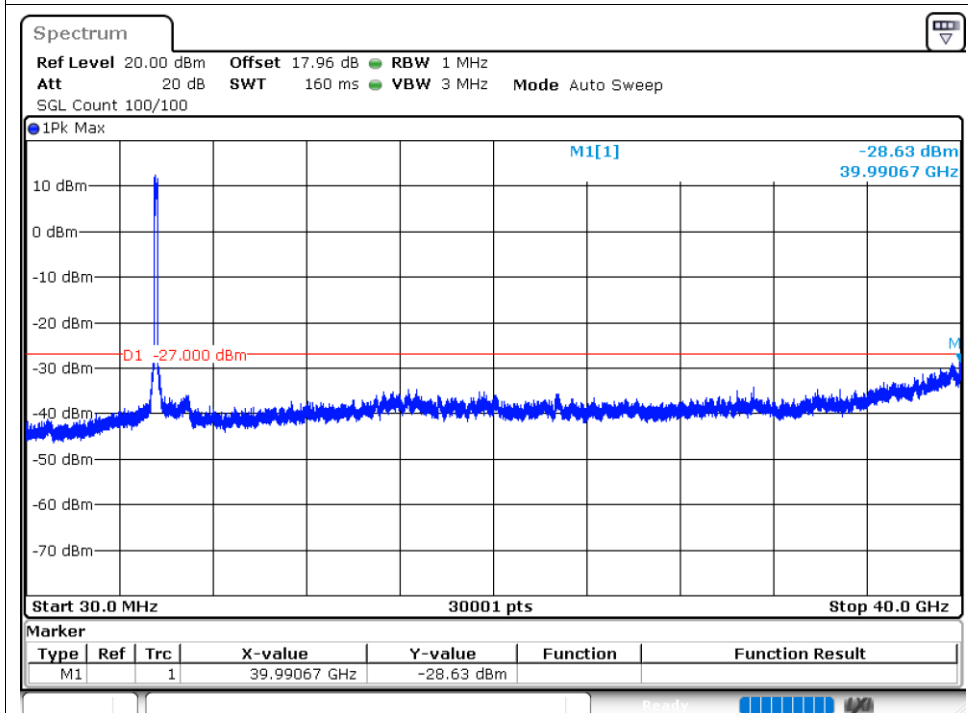
Tx. Spurious NVNT ac160 5570MHz Ant1 Emission



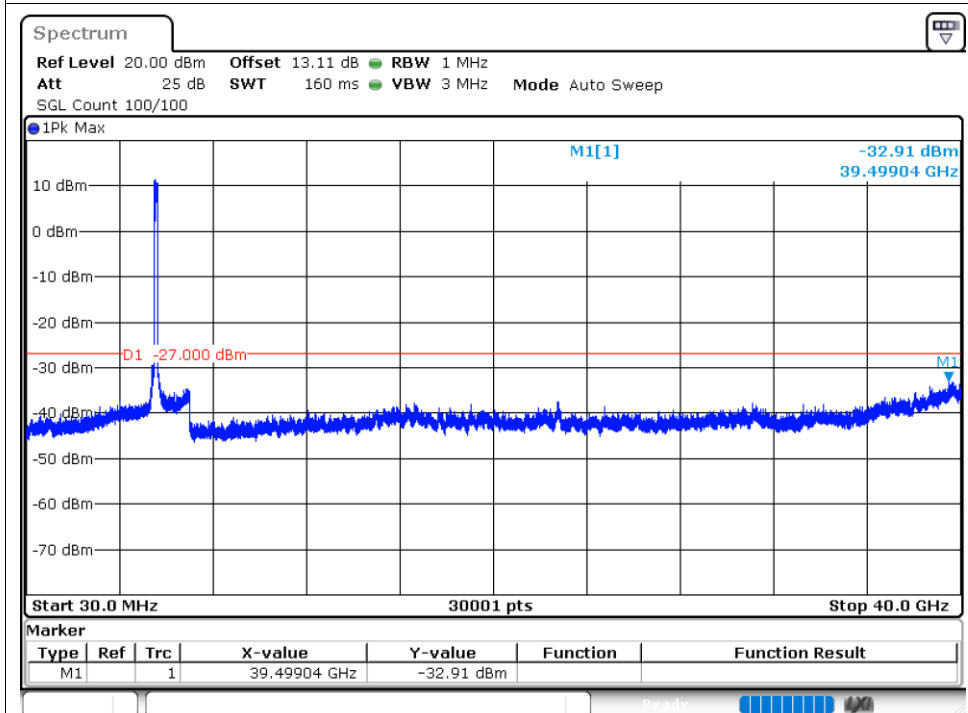
Tx. Spurious NVNT ac160 5570MHz Ant2 Emission



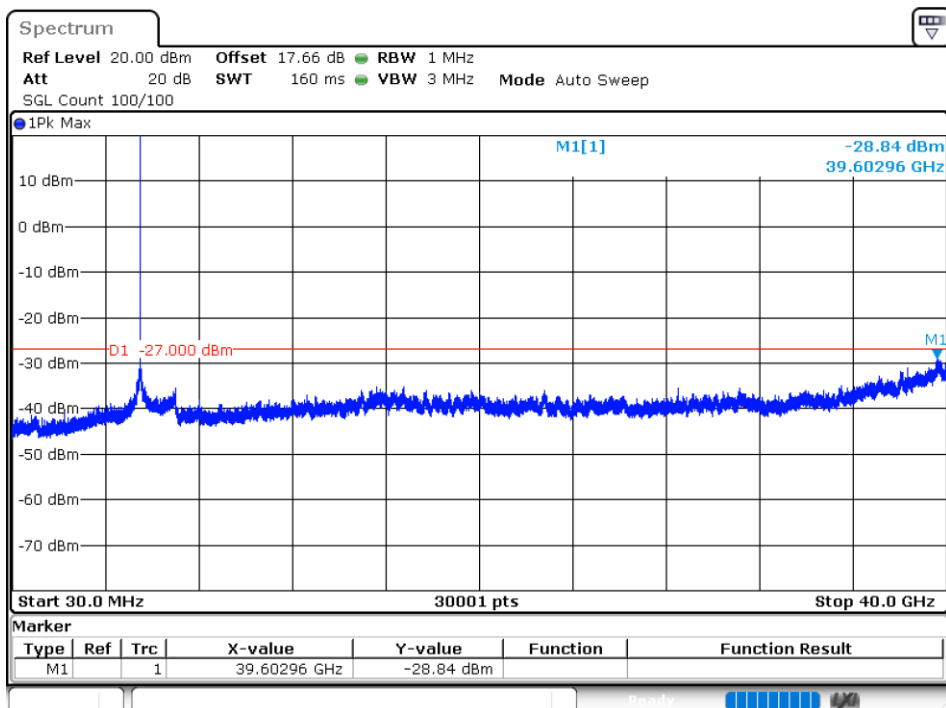
Tx. Spurious NVNT ax160 5570MHz Ant1 Emission



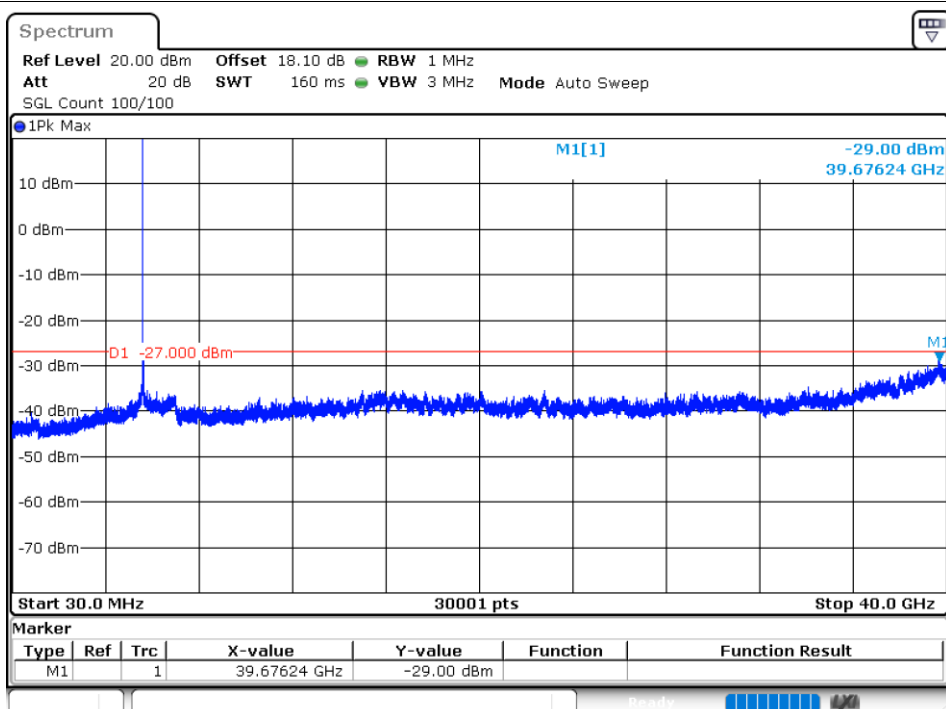
Tx. Spurious NVNT ax160 5570MHz Ant2 Emission



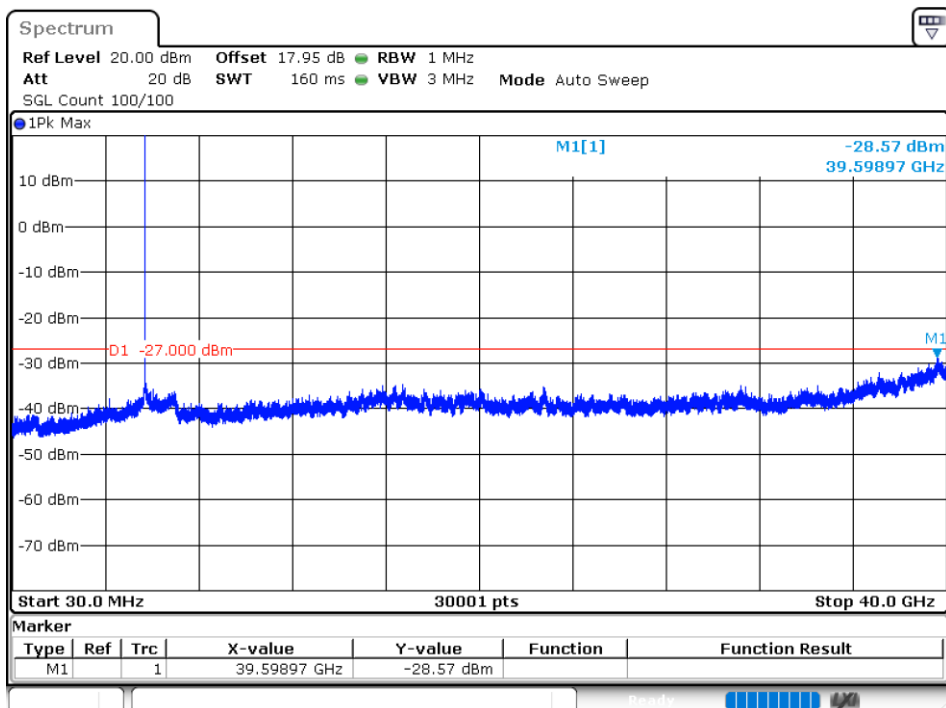
Tx. Spurious NVNT ax20 5500MHz Ant1 Emission



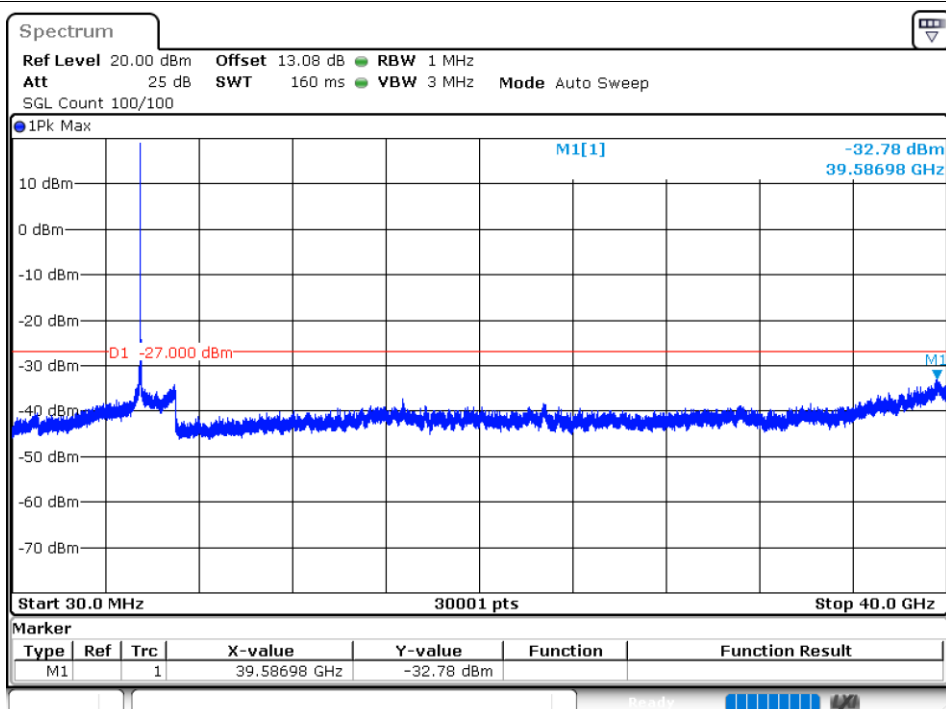
Tx. Spurious NVNT ax20 5600MHz Ant1 Emission

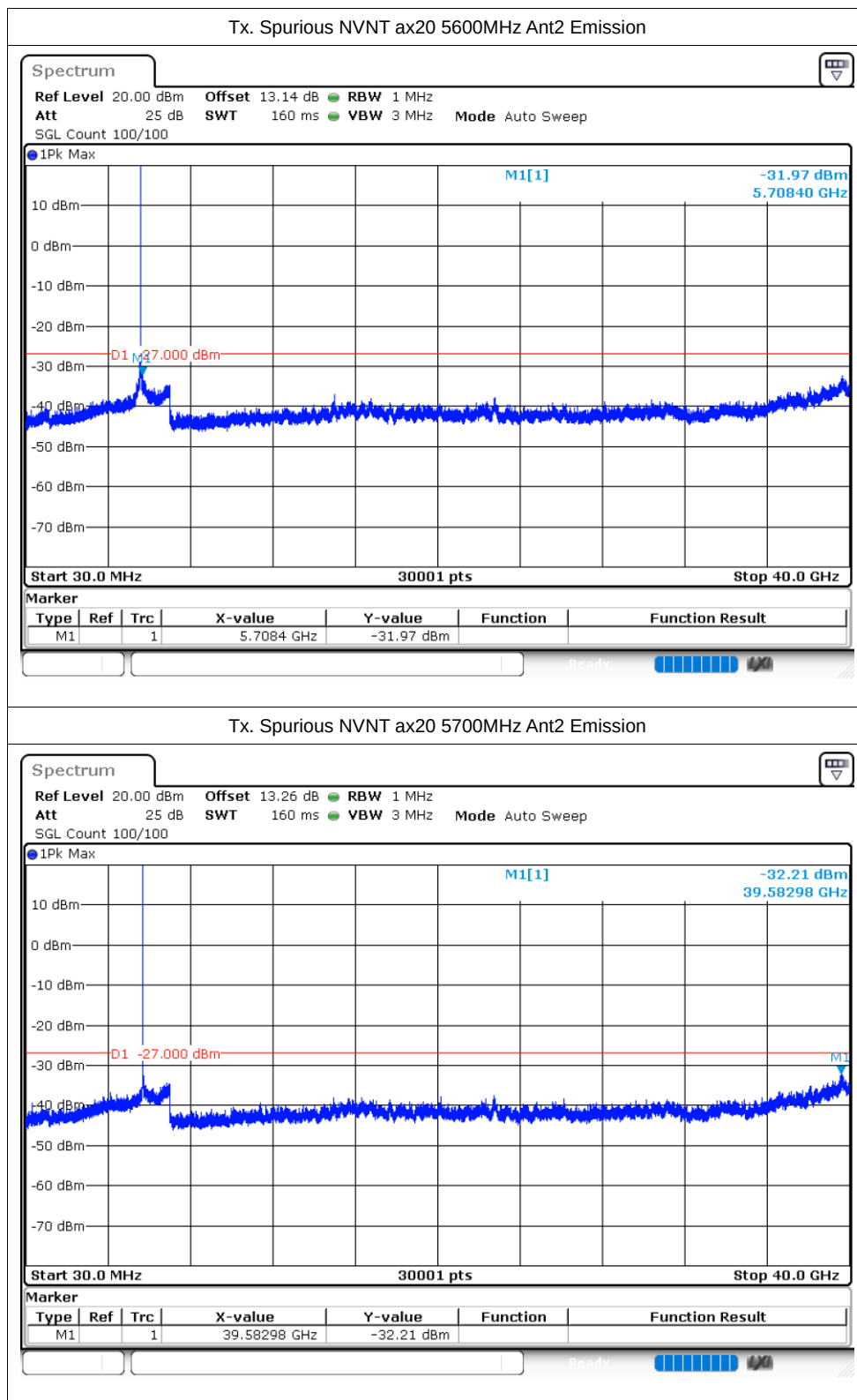


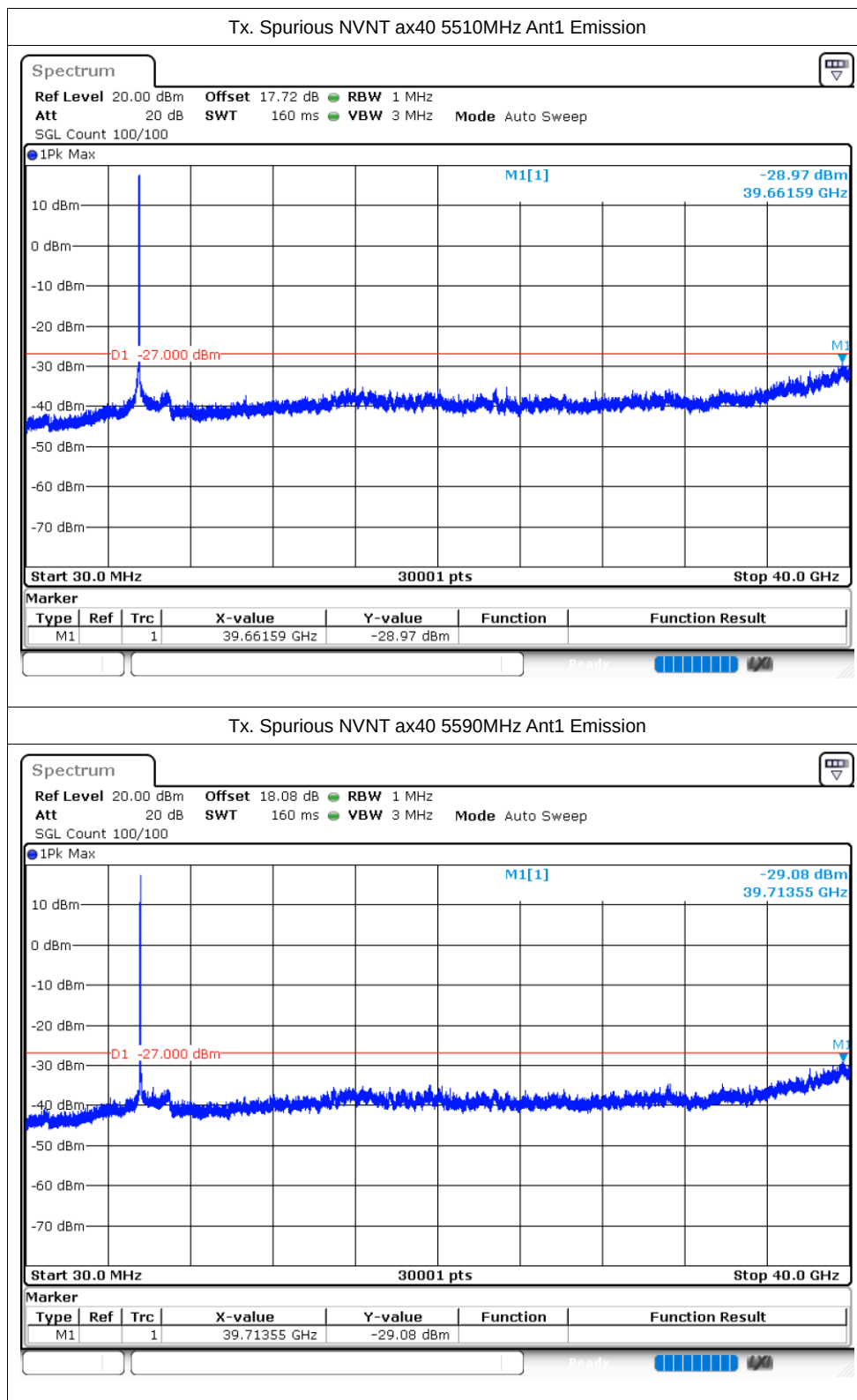
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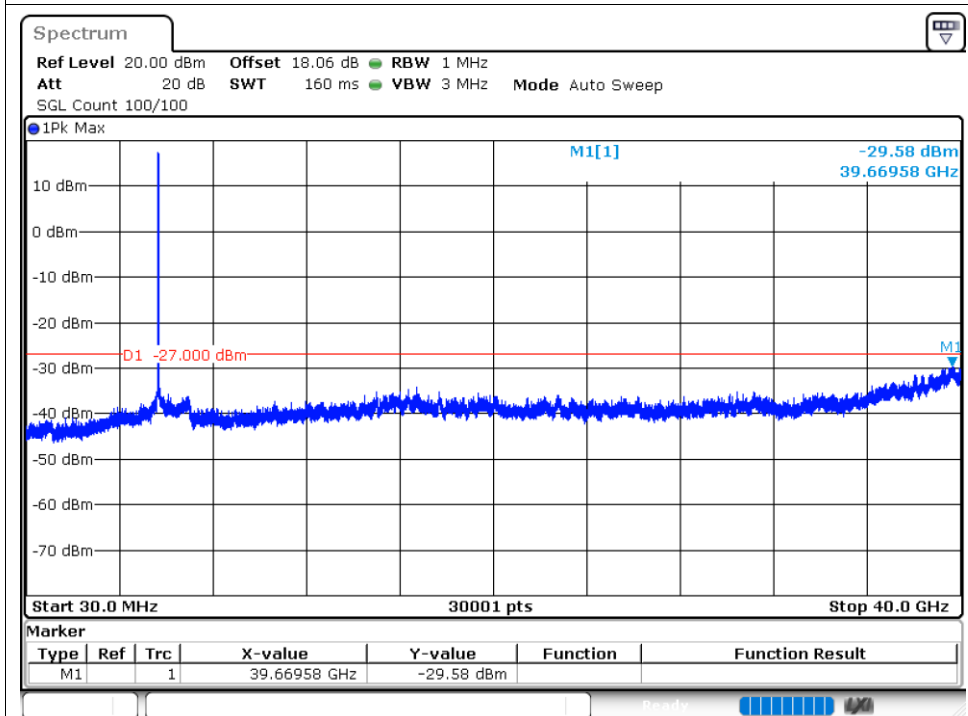
Tx. Spurious NVNT ax20 5500MHz Ant2 Emission



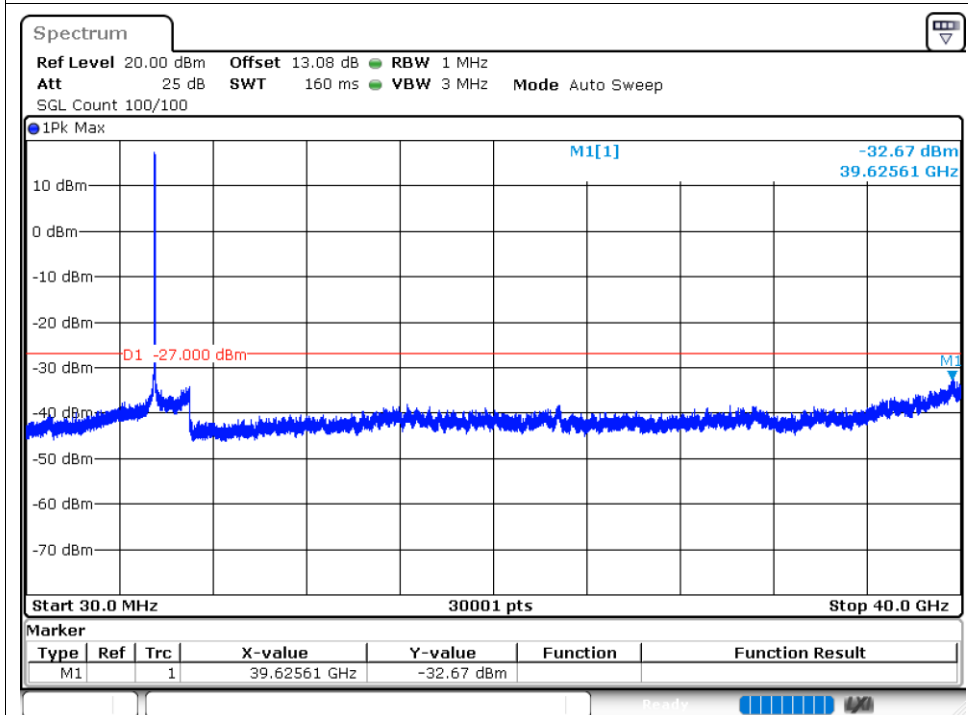




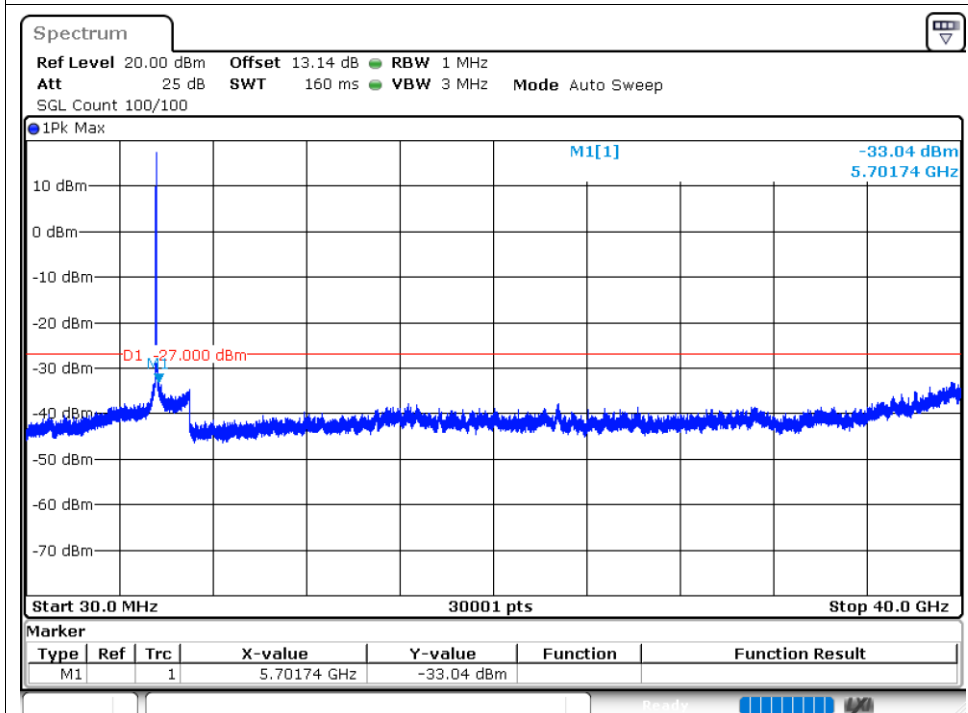
Tx. Spurious NVNT ax40 5670MHz Ant1 Emission



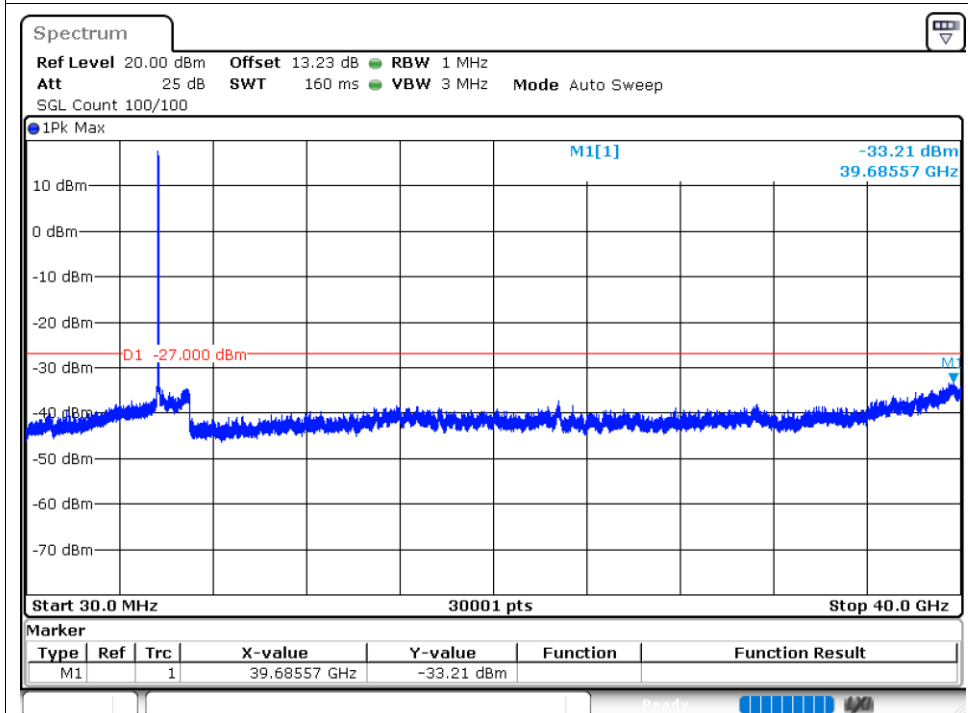
Tx. Spurious NVNT ax40 5510MHz Ant2 Emission



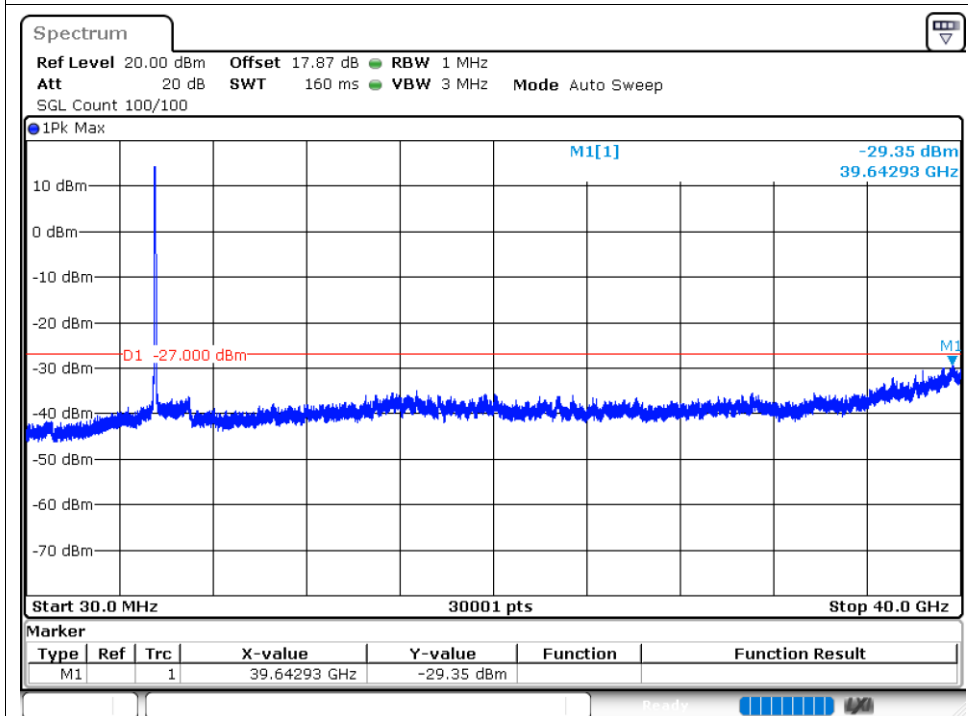
Tx. Spurious NVNT ax40 5590MHz Ant2 Emission



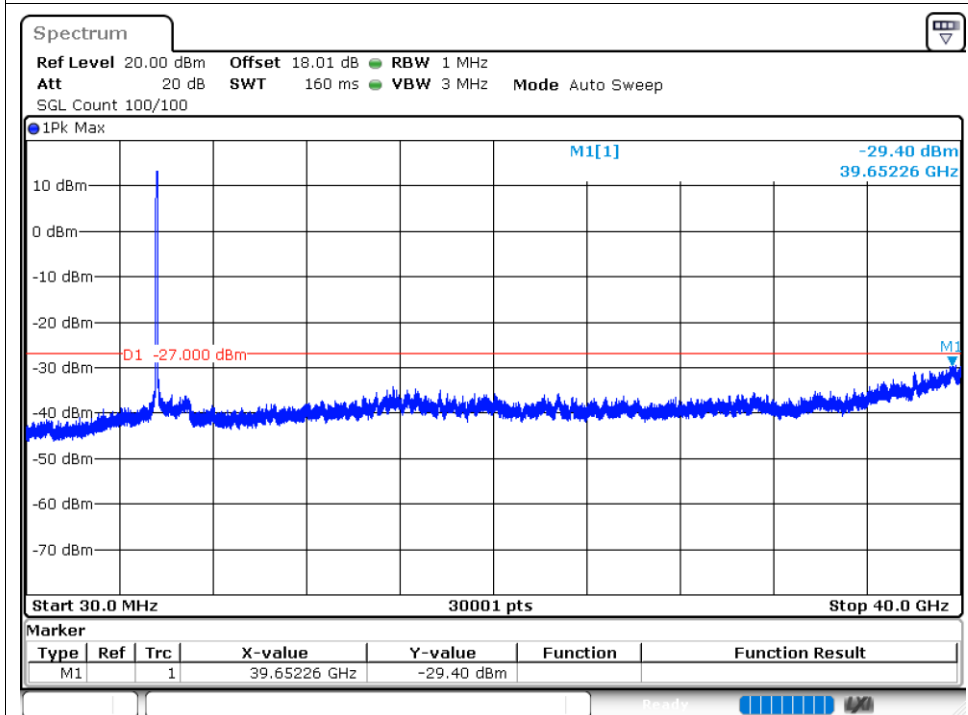
Tx. Spurious NVNT ax40 5670MHz Ant2 Emission

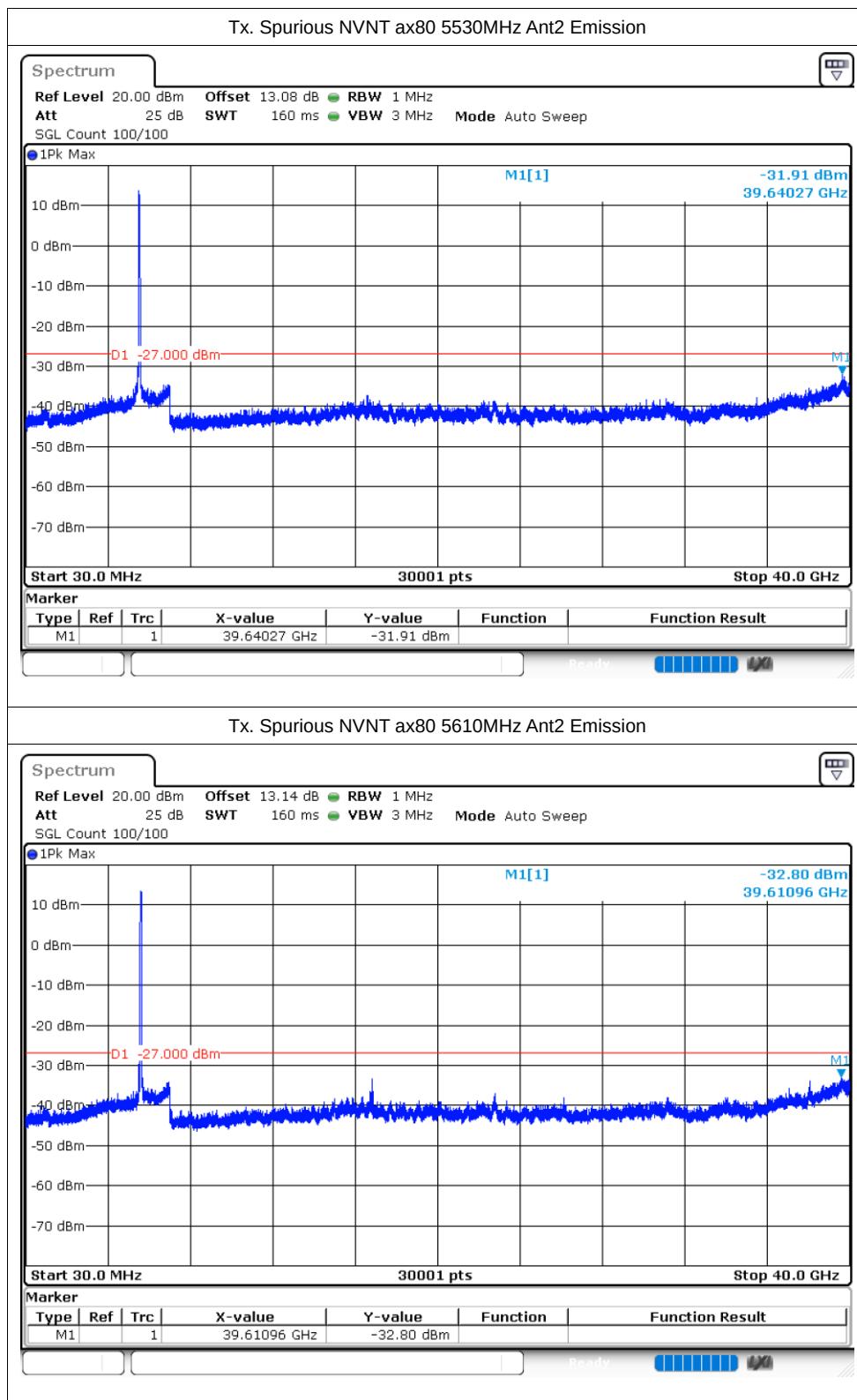


Tx. Spurious NVNT ax80 5530MHz Ant1 Emission



Tx. Spurious NVNT ax80 5610MHz Ant1 Emission





25dBi Antenna

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac20	5500	Ant1	98.93	0.05	0.2
NVNT	ac20	5600	Ant1	98.84	0.05	0.2
NVNT	ac20	5700	Ant1	98.87	0.05	0.2
NVNT	ac20	5500	Ant2	98.84	0.05	0.2
NVNT	ac20	5600	Ant2	98.94	0.05	0.2
NVNT	ac20	5700	Ant2	99.01	0.04	0.2
NVNT	ac40	5510	Ant1	97.87	0.09	0.41
NVNT	ac40	5590	Ant1	97.87	0.09	0.41
NVNT	ac40	5670	Ant1	97.85	0.09	0.41
NVNT	ac40	5510	Ant2	97.8	0.1	0.41
NVNT	ac40	5590	Ant2	97.81	0.1	0.41
NVNT	ac40	5670	Ant2	97.82	0.1	0.41
NVNT	ac80	5530	Ant1	95.59	0.2	0.88
NVNT	ac80	5610	Ant1	95.51	0.2	0.88
NVNT	ac80	5530	Ant2	95.57	0.2	0.88
NVNT	ac80	5610	Ant2	95.53	0.2	0.88
NVNT	ac160	5570	Ant1	91.64	0.38	1.7
NVNT	ac160	5570	Ant2	81.04	0.91	300
NVNT	ax160	5570	Ant1	91.1	0.4	1.89
NVNT	ax160	5570	Ant2	89.6	0.48	150
NVNT	ax20	5500	Ant1	98.71	0.06	0.25
NVNT	ax20	5600	Ant1	98.69	0.06	0.25
NVNT	ax20	5700	Ant1	98.62	0.06	0.25
NVNT	ax20	5500	Ant2	98.71	0.06	0.25
NVNT	ax20	5600	Ant2	98.63	0.06	0.25
NVNT	ax20	5700	Ant2	98.7	0.06	0.25
NVNT	ax40	5510	Ant1	97.42	0.11	0.49
NVNT	ax40	5590	Ant1	97.42	0.11	0.49
NVNT	ax40	5670	Ant1	97.49	0.11	0.49
NVNT	ax40	5510	Ant2	97.6	0.11	0.49
NVNT	ax40	5590	Ant2	97.44	0.11	0.49
NVNT	ax40	5670	Ant2	97.48	0.11	0.49
NVNT	ax80	5530	Ant1	95.11	0.22	1
NVNT	ax80	5610	Ant1	94.92	0.23	1
NVNT	ax80	5530	Ant2	95.15	0.22	1
NVNT	ax80	5610	Ant2	95.02	0.22	1

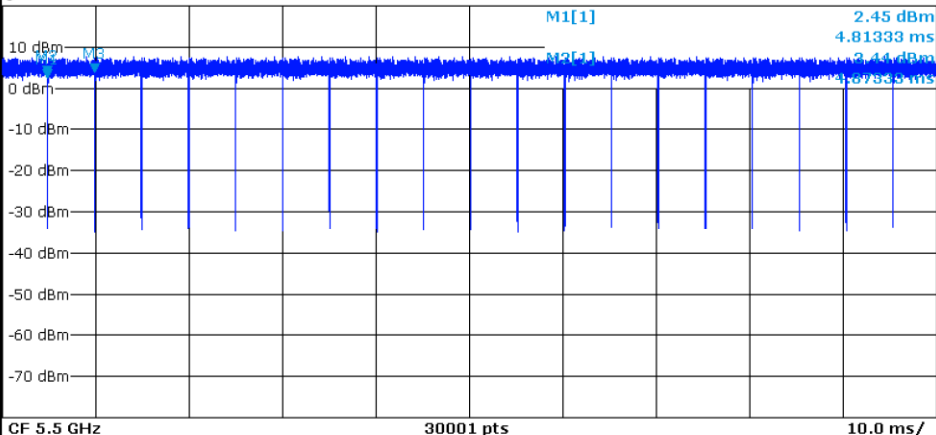
Test Graphs

Duty Cycle NVNT ac20 5500MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 9.66 dB RBW 10 MHz
Att 30 dB SWT 100 ms VBW 10 MHz
SGL

1Pk Clrw



Marker

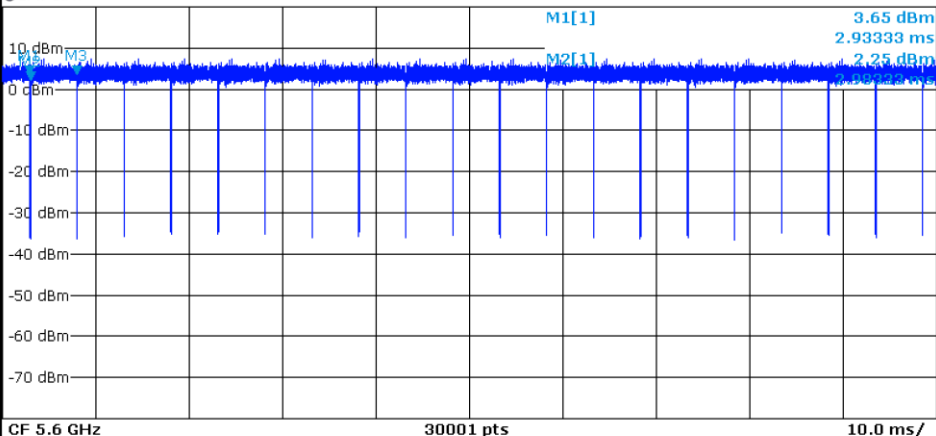
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	4.81333 ms	2.45 dBm		
M2	1	1	4.87333 ms	3.44 dBm		
M3	1	1	9.84 ms	3.92 dBm		

Duty Cycle NVNT ac20 5600MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 10.10 dB RBW 10 MHz
Att 25 dB SWT 100 ms VBW 10 MHz
SGL

1Pk Clrw



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	2.93333 ms	3.65 dBm		
M2	1	1	2.98333 ms	2.25 dBm		
M3	1	1	7.95333 ms	3.76 dBm		

