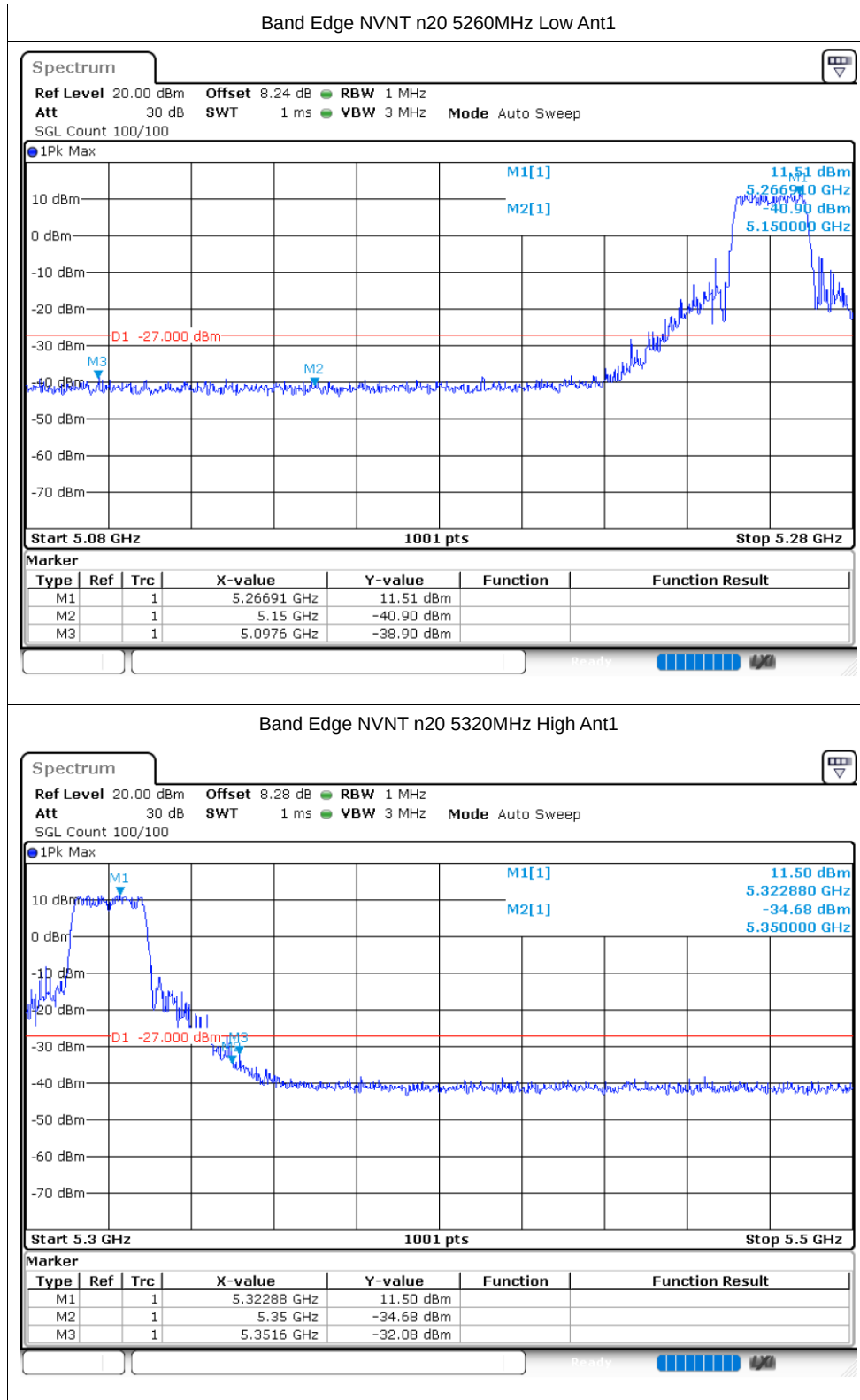
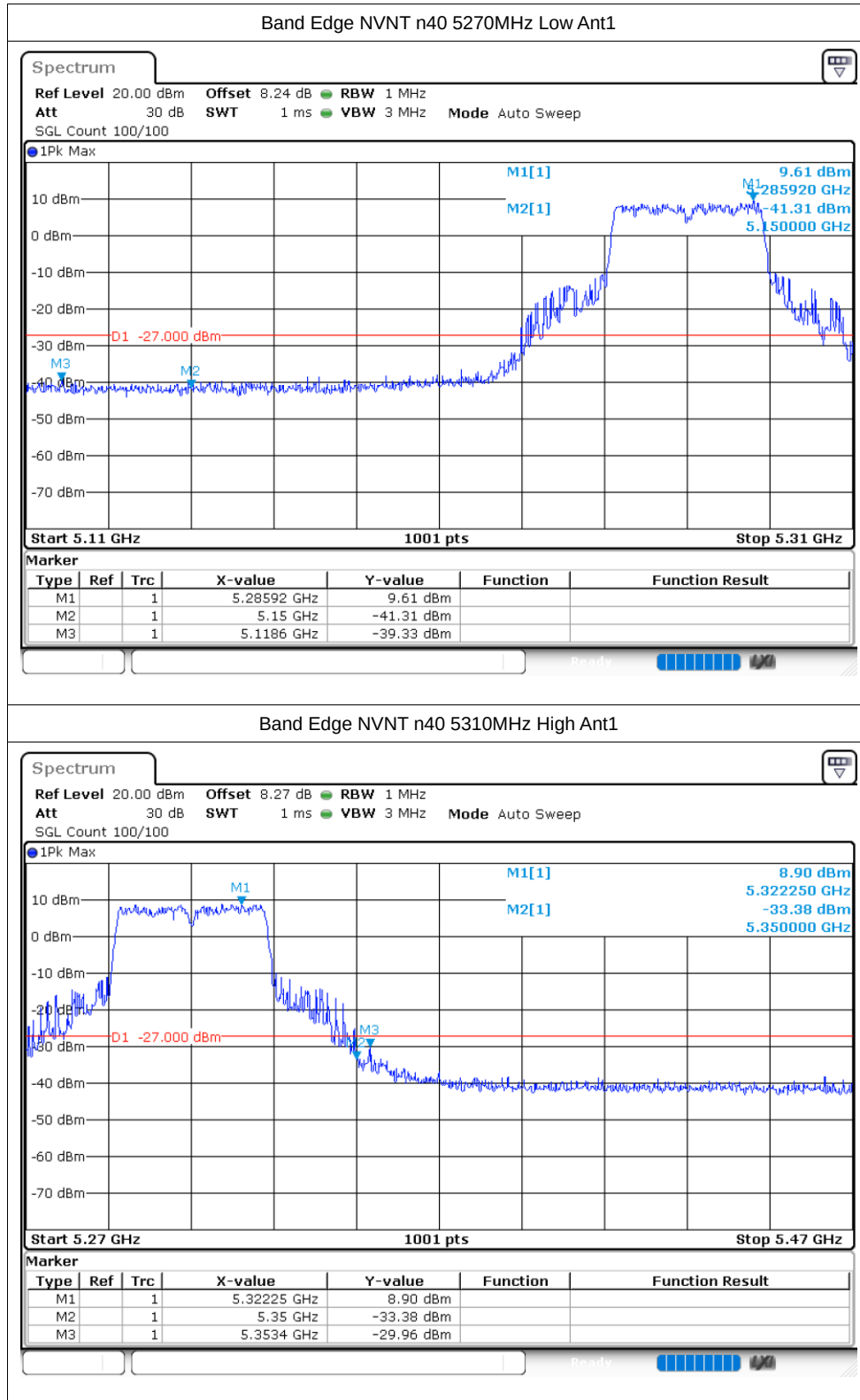
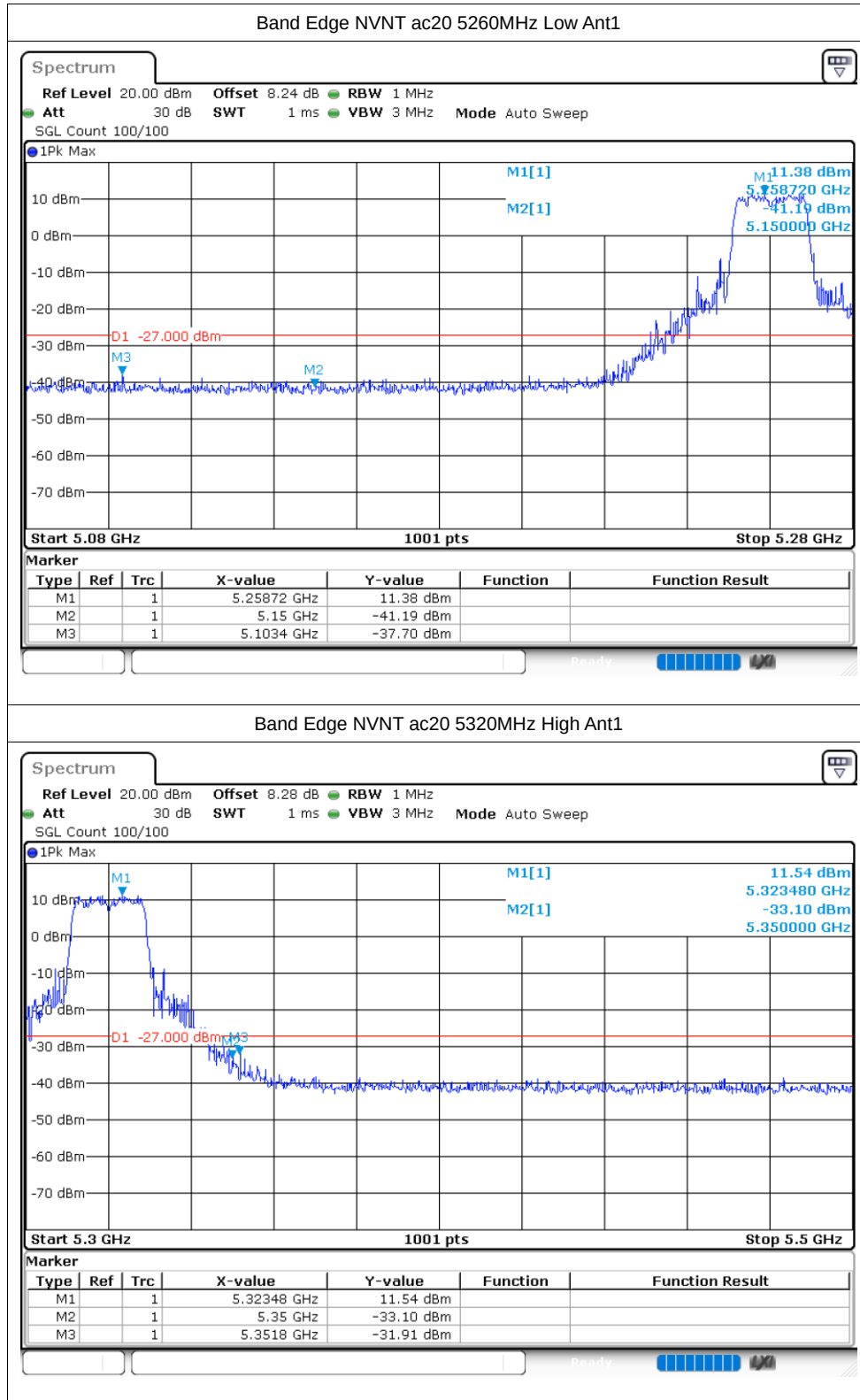
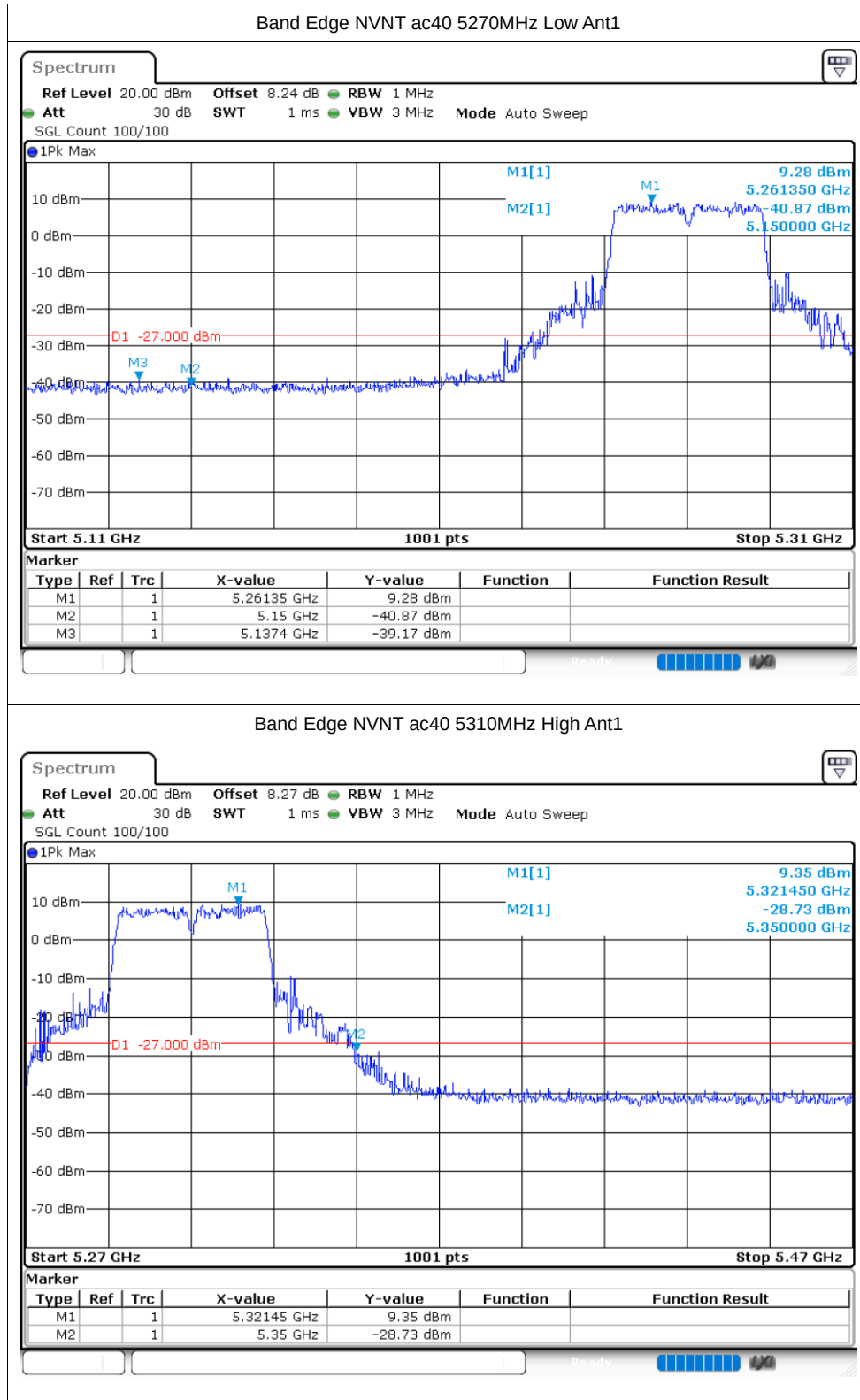








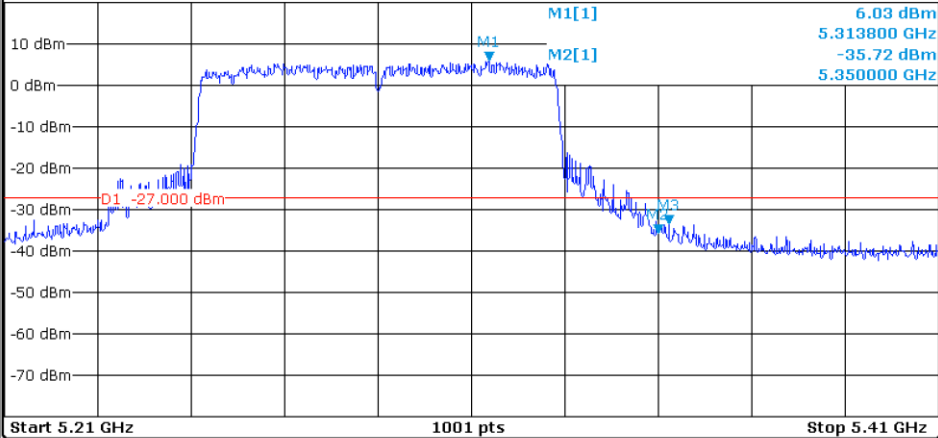


Band Edge NVNT ac80 5290MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 8.26 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

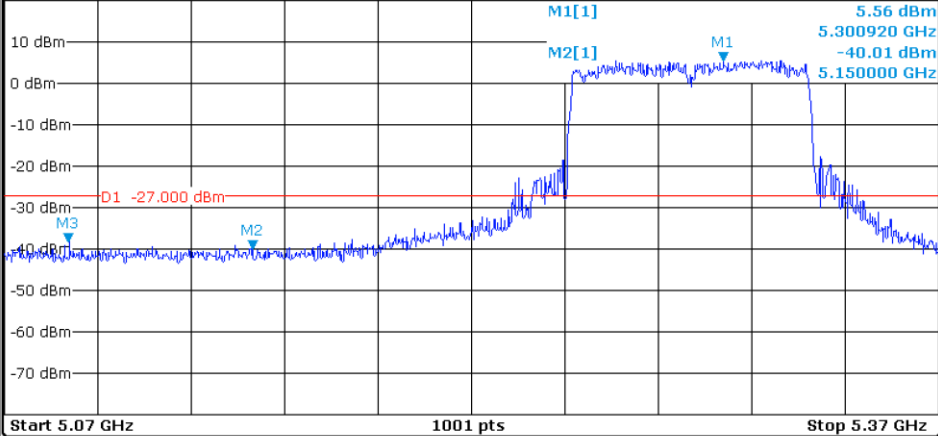
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.3138 GHz	6.03 dBm		
M2		1	5.35 GHz	-35.72 dBm		
M3		1	5.3522 GHz	-33.34 dBm		

Band Edge NVNT ac80 5290MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 8.26 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

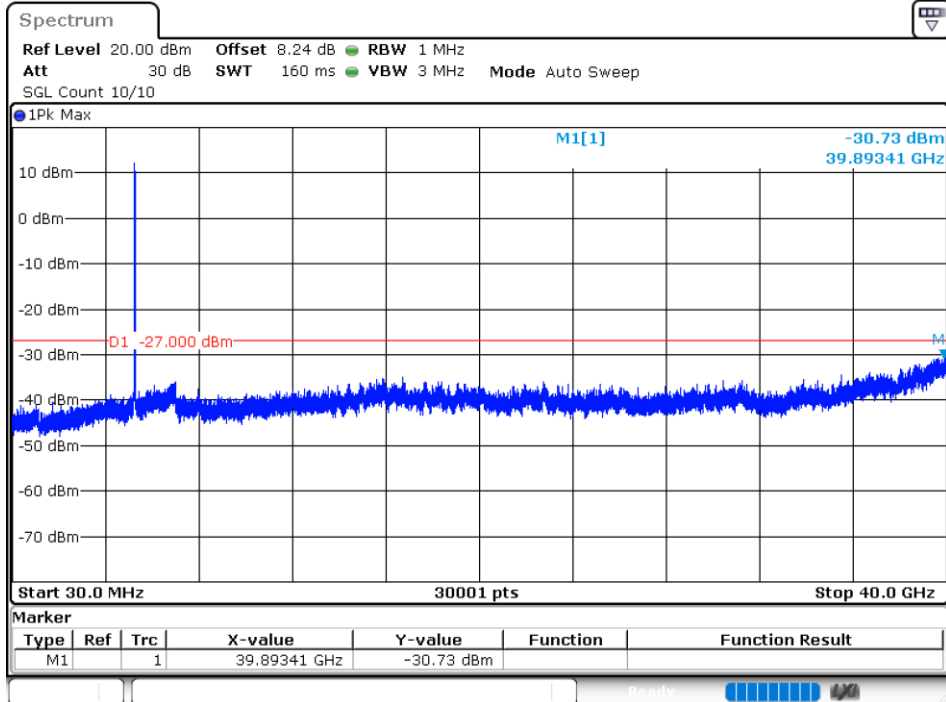
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.30092 GHz	5.56 dBm		
M2		1	5.15 GHz	-40.01 dBm		
M3		1	5.0907 GHz	-38.30 dBm		

Conducted RF Spurious Emission

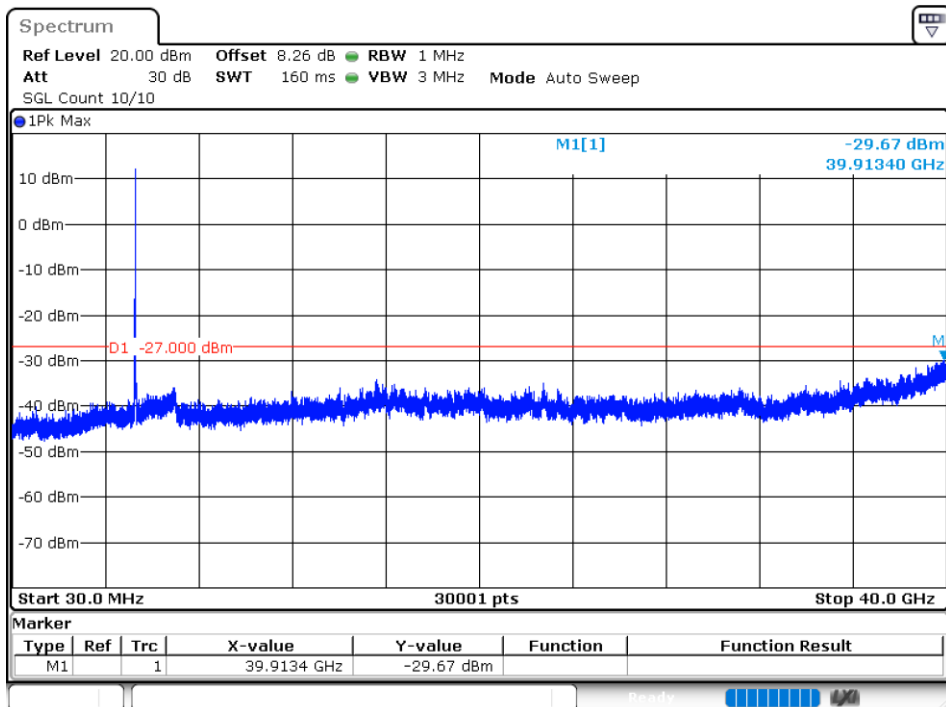
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-30.72	-27	Pass
NVNT	a	5280	Ant1	-29.66	-27	Pass
NVNT	a	5320	Ant1	-29.9	-27	Pass
NVNT	n20	5260	Ant1	-30.42	-27	Pass
NVNT	n20	5280	Ant1	-30.06	-27	Pass
NVNT	n20	5320	Ant1	-29.51	-27	Pass
NVNT	n40	5270	Ant1	-30.36	-27	Pass
NVNT	n40	5310	Ant1	-28.78	-27	Pass
NVNT	ac20	5260	Ant1	-29.8	-27	Pass
NVNT	ac20	5280	Ant1	-30.34	-27	Pass
NVNT	ac20	5320	Ant1	-30.06	-27	Pass
NVNT	ac40	5270	Ant1	-30.12	-27	Pass
NVNT	ac40	5310	Ant1	-29.86	-27	Pass
NVNT	ac80	5290	Ant1	-28.94	-27	Pass

Test Graphs

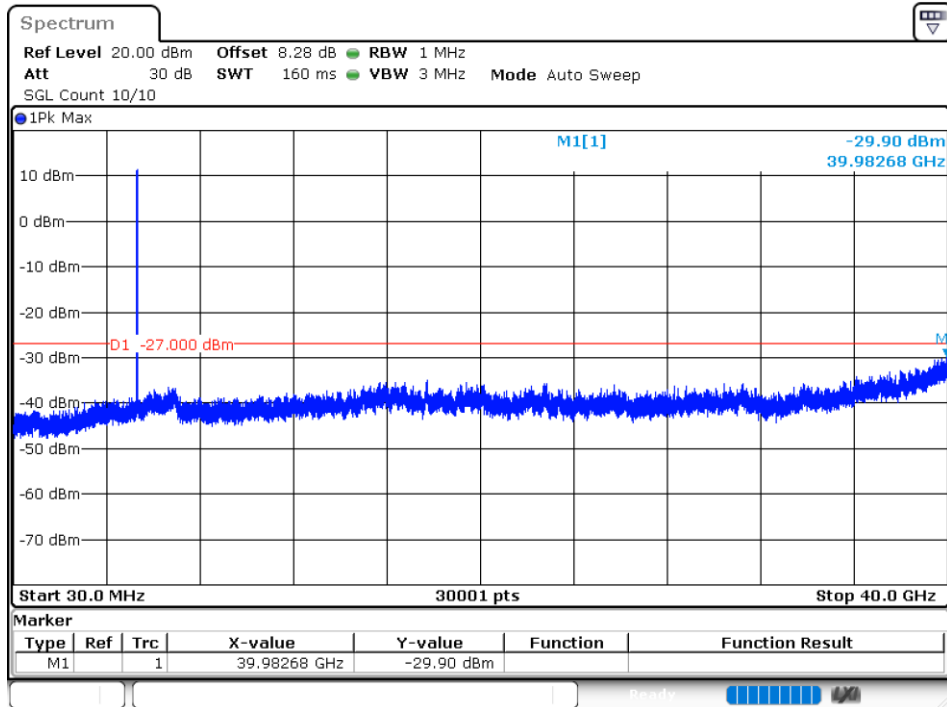
Tx. Spurious NVNT a 5260MHz Ant1 Emission



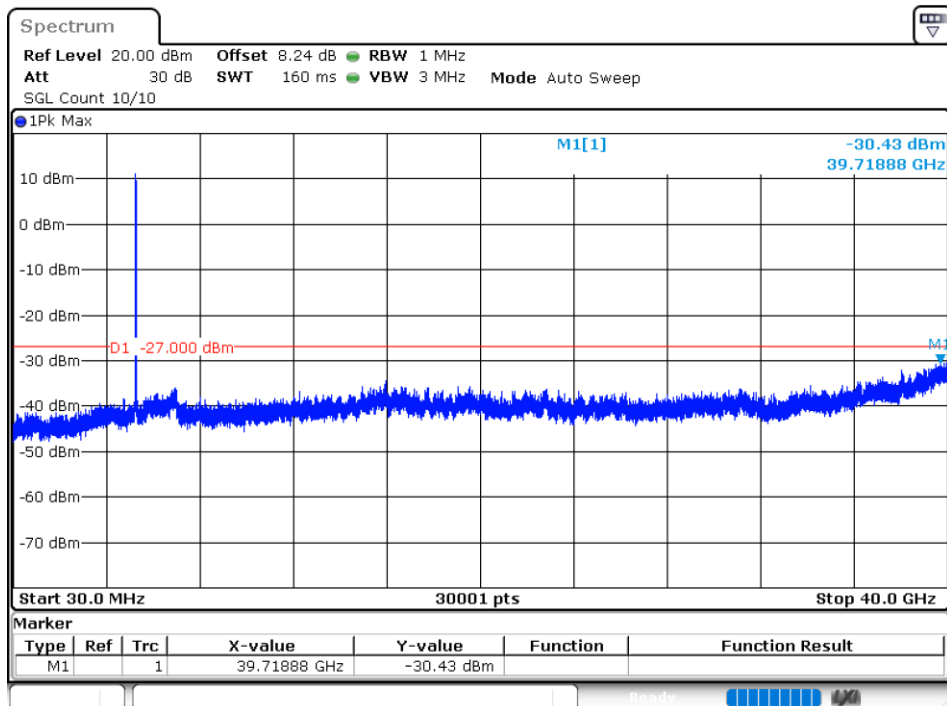
Tx. Spurious NVNT a 5280MHz Ant1 Emission

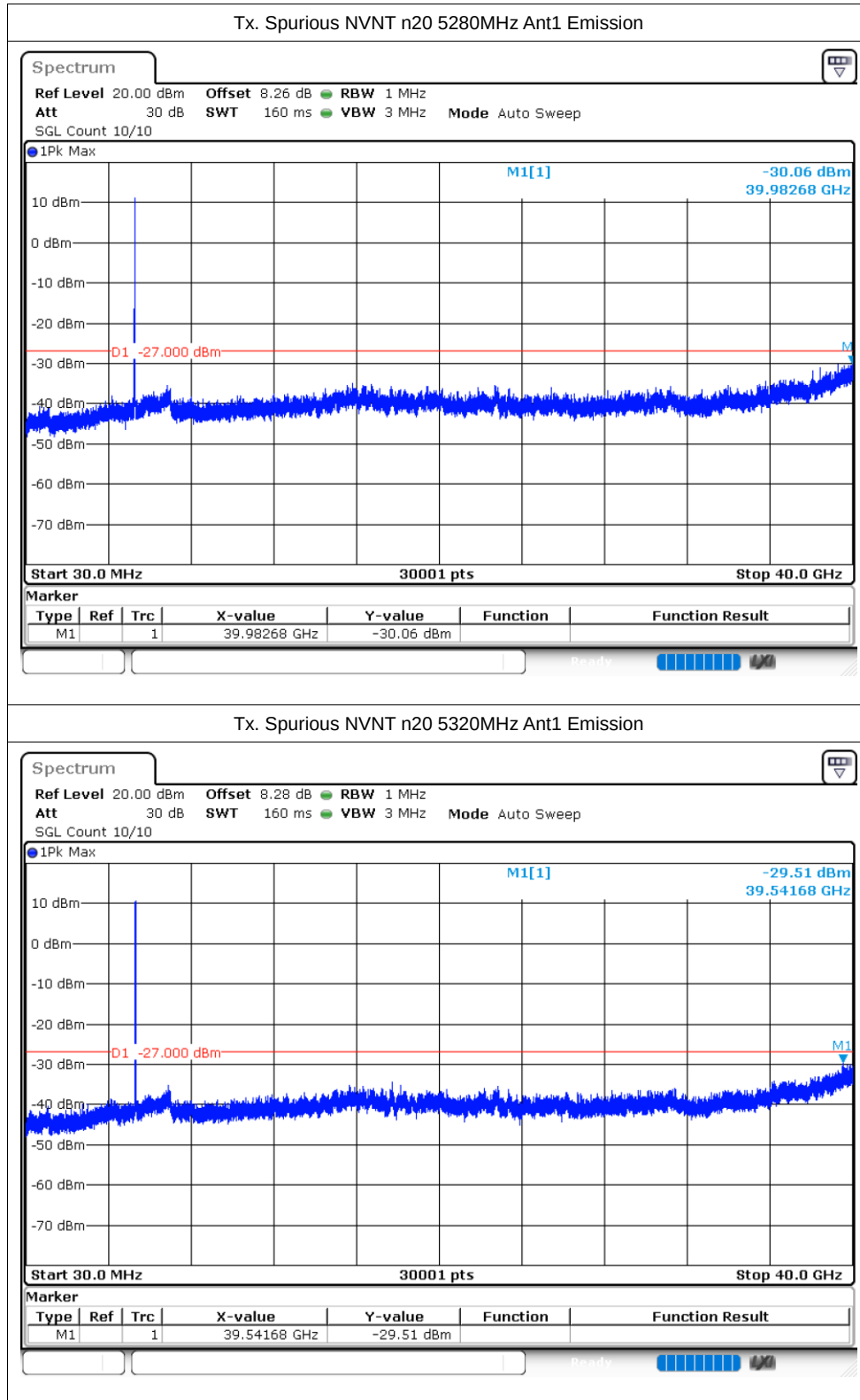


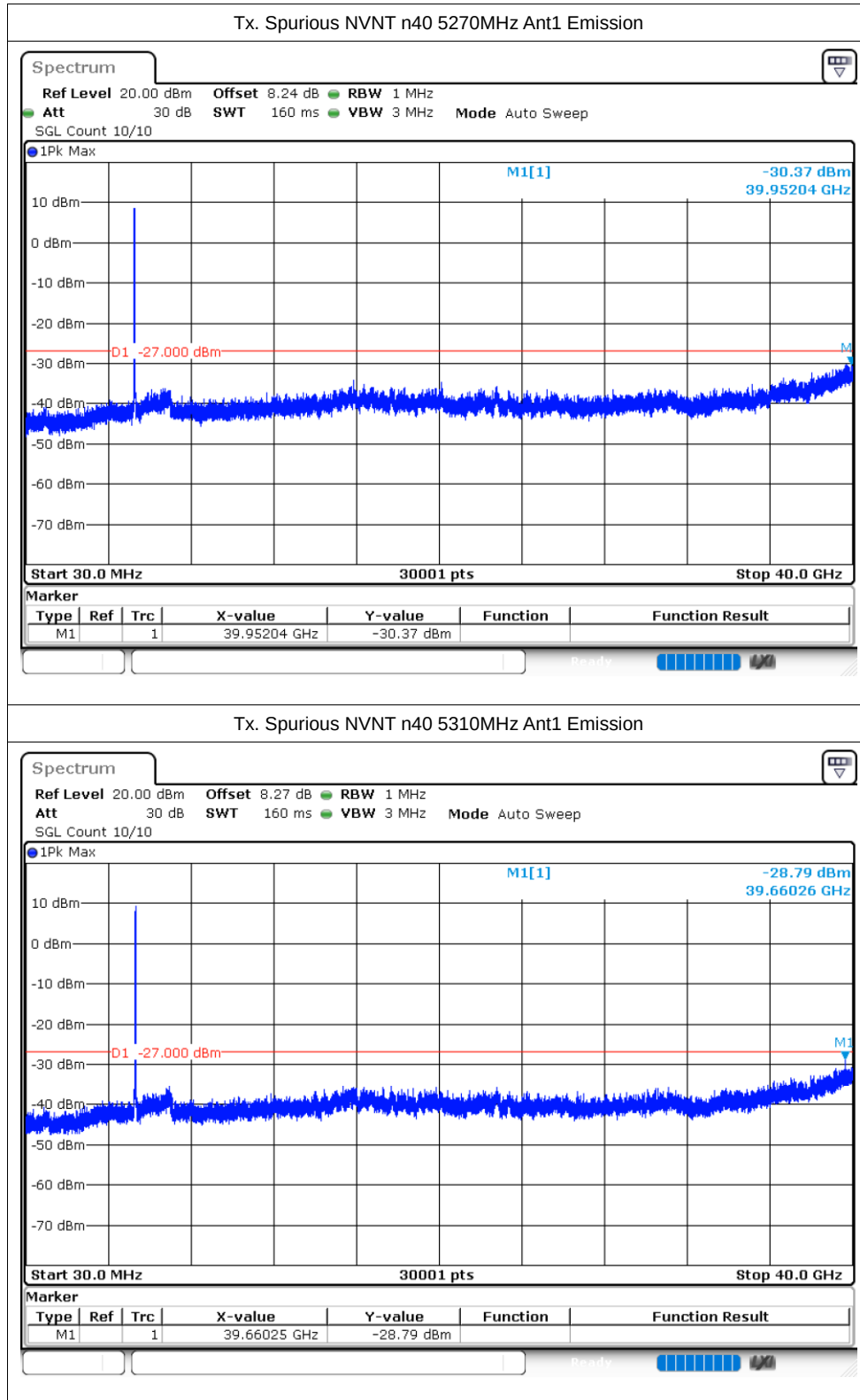
Tx. Spurious NVNT a 5320MHz Ant1 Emission



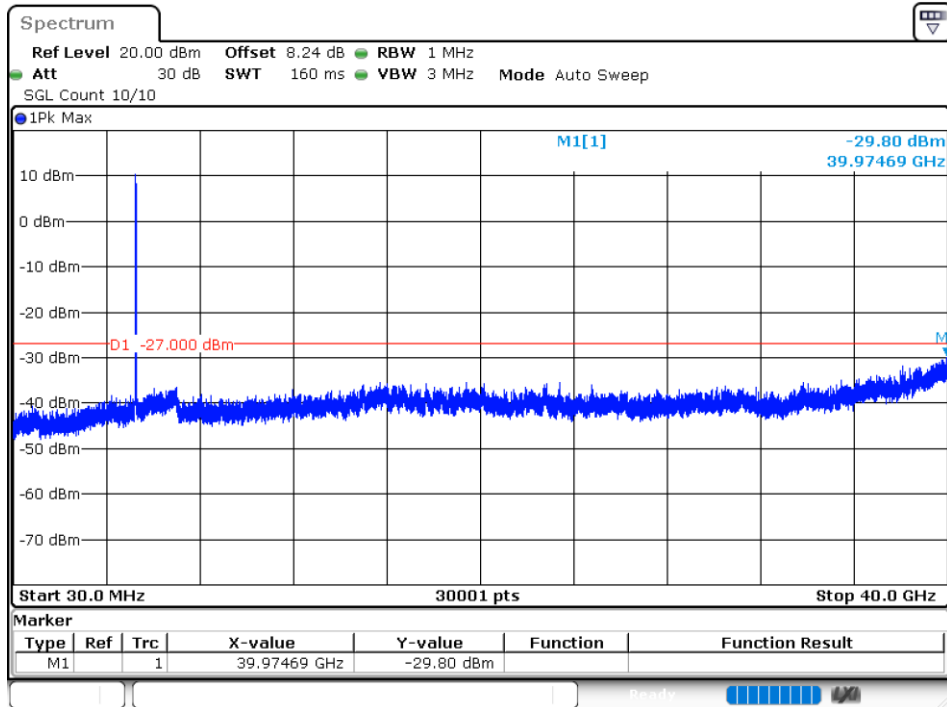
Tx. Spurious NVNT n20 5260MHz Ant1 Emission



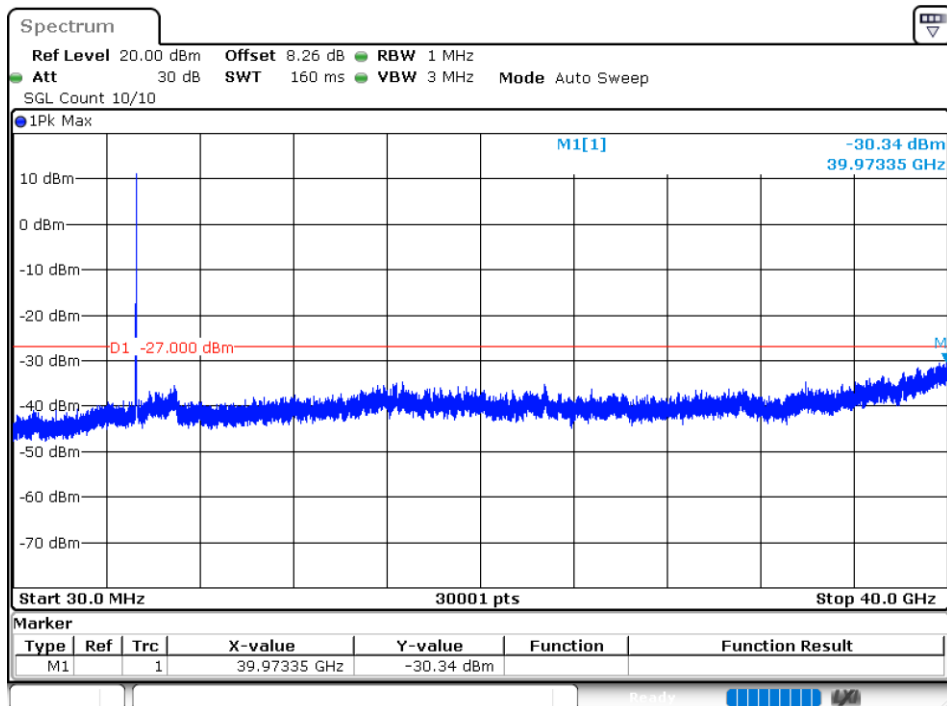




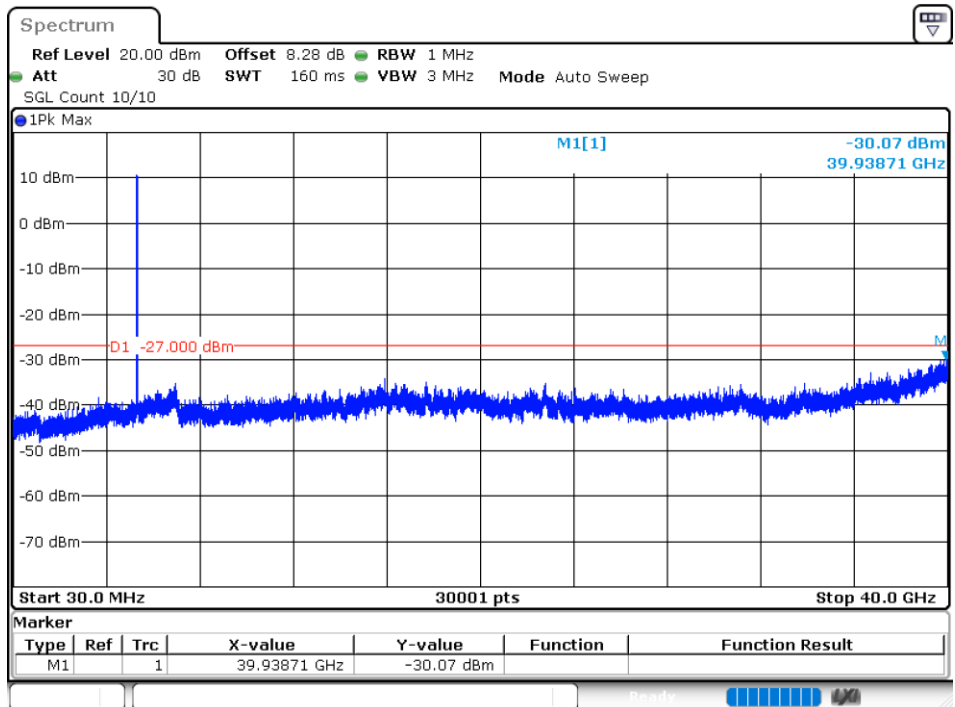
Tx. Spurious NVNT ac20 5260MHz Ant1 Emission



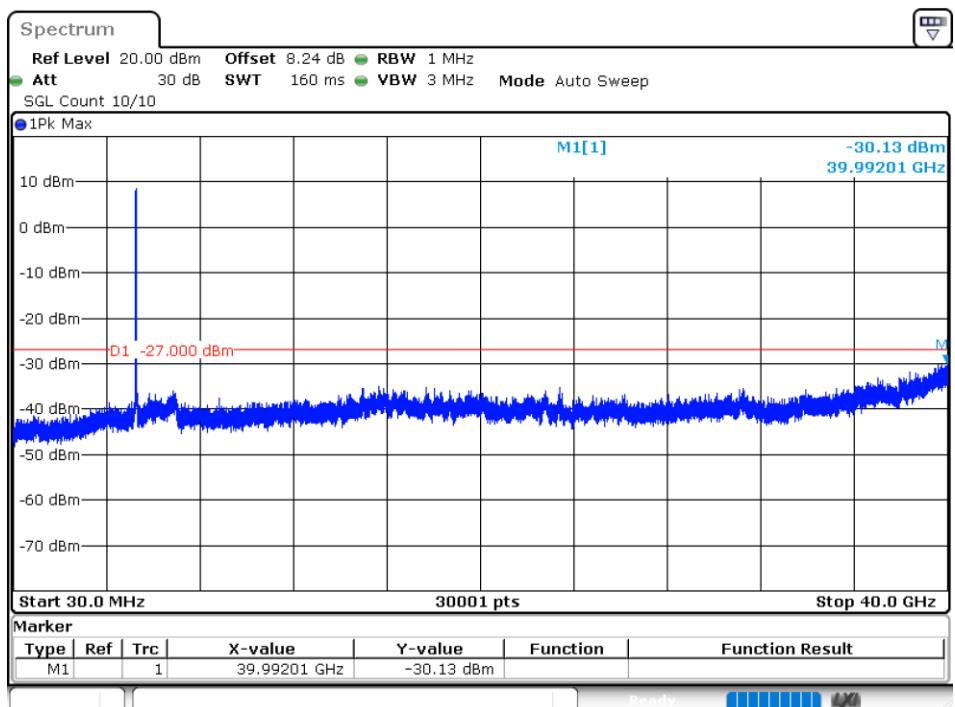
Tx. Spurious NVNT ac20 5280MHz Ant1 Emission



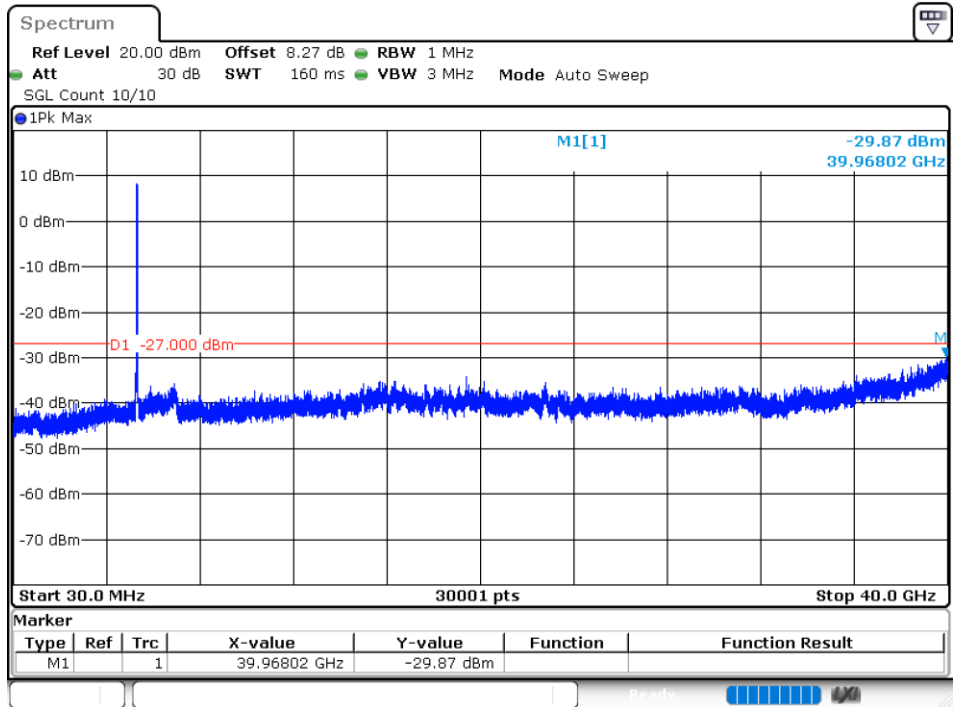
Tx. Spurious NVNT ac20 5320MHz Ant1 Emission



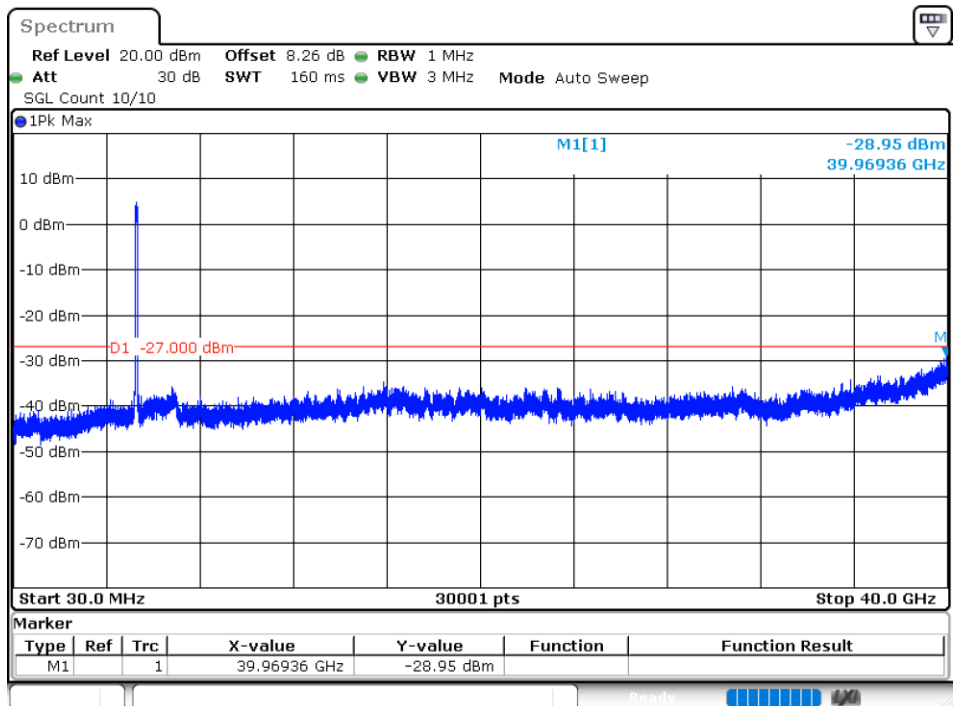
Tx. Spurious NVNT ac40 5270MHz Ant1 Emission



Tx. Spurious NVNT ac40 5310MHz Ant1 Emission



Tx. Spurious NVNT ac80 5290MHz Ant1 Emission



5.6G WIFI

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	88.47	0.53	0.71
NVNT	a	5600	Ant1	88.65	0.52	0.72
NVNT	a	5700	Ant1	88.43	0.53	0.72
NVNT	n20	5500	Ant1	87.43	0.58	0.85
NVNT	n20	5600	Ant1	86.99	0.61	0.85
NVNT	n20	5700	Ant1	87.18	0.6	0.85
NVNT	n40	5510	Ant1	76.9	1.14	1.72
NVNT	n40	5590	Ant1	76.54	1.16	1.72
NVNT	n40	5670	Ant1	76.83	1.14	1.69
NVNT	ac20	5500	Ant1	86.98	0.61	0.84
NVNT	ac20	5600	Ant1	87.14	0.6	0.84
NVNT	ac20	5700	Ant1	87.08	0.6	0.85
NVNT	ac40	5510	Ant1	76.73	1.15	1.69
NVNT	ac40	5590	Ant1	76.81	1.15	1.69
NVNT	ac40	5670	Ant1	76.85	1.14	1.69
NVNT	ac80	5530	Ant1	63.68	1.96	3.33
NVNT	ac80	5610	Ant1	63.59	1.97	3.45

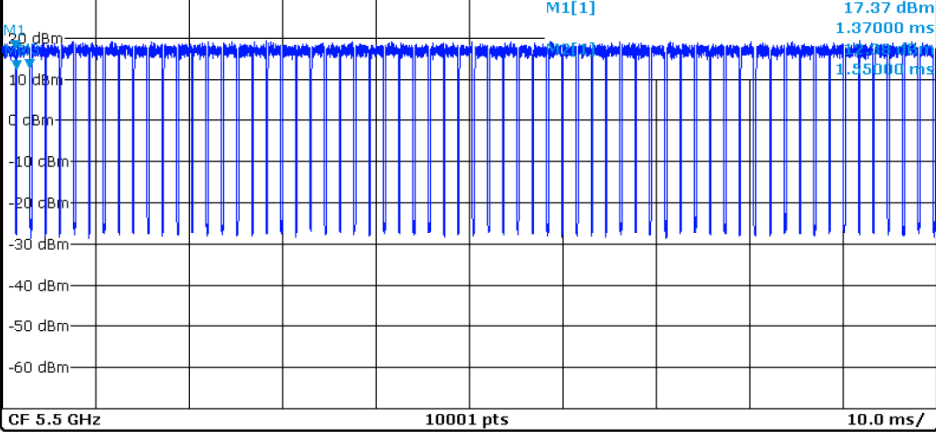
Test Graphs

Duty Cycle NVNT a 5500MHz Ant1

Spectrum

Ref Level 30.00 dBm Offset 4.13 dB RBW 10 MHz
Att 40 dB SWT 100 ms VBW 10 MHz
SGL

1Ppk Clrw



Marker

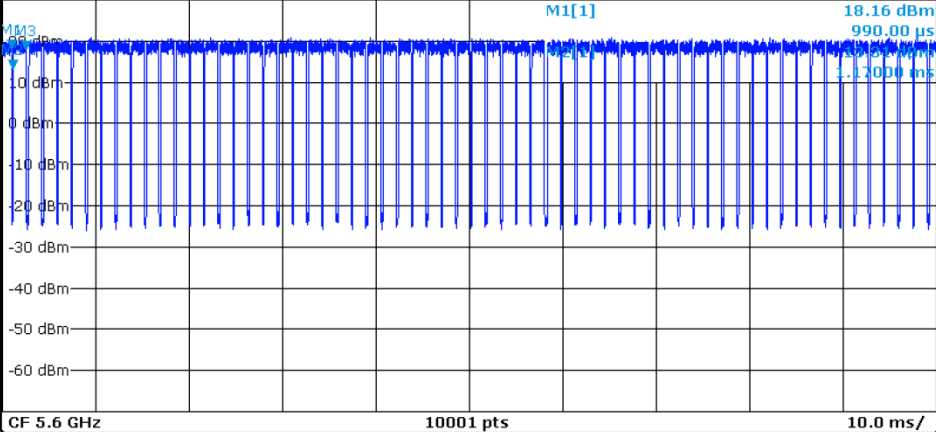
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.37 ms	17.37 dBm		
M2		1	1.55 ms	12.38 dBm		
M3		1	2.95 ms	12.74 dBm		

Duty Cycle NVNT a 5600MHz Ant1

Spectrum

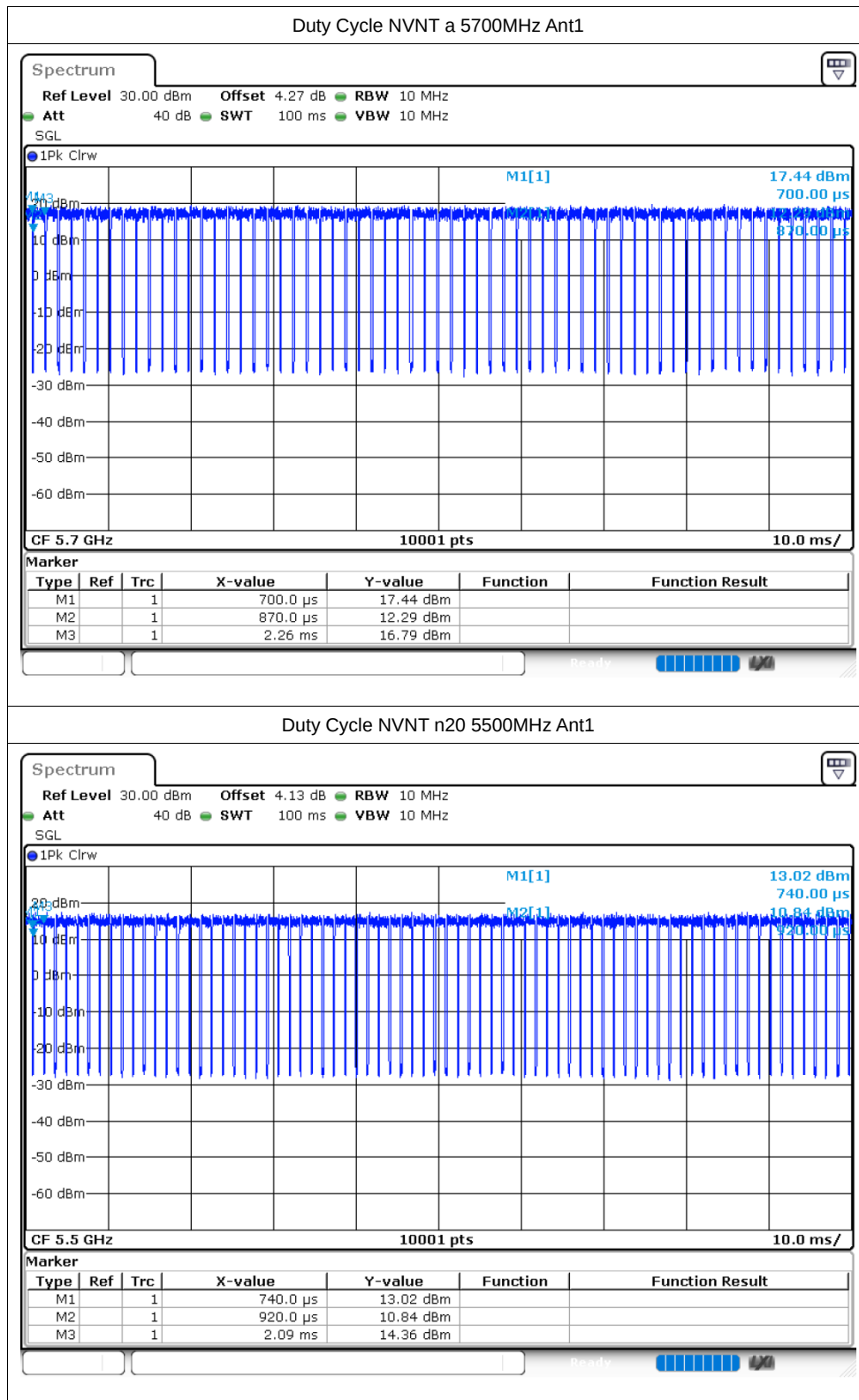
Ref Level 30.00 dBm Offset 4.23 dB RBW 10 MHz
Att 40 dB SWT 100 ms VBW 10 MHz
SGL

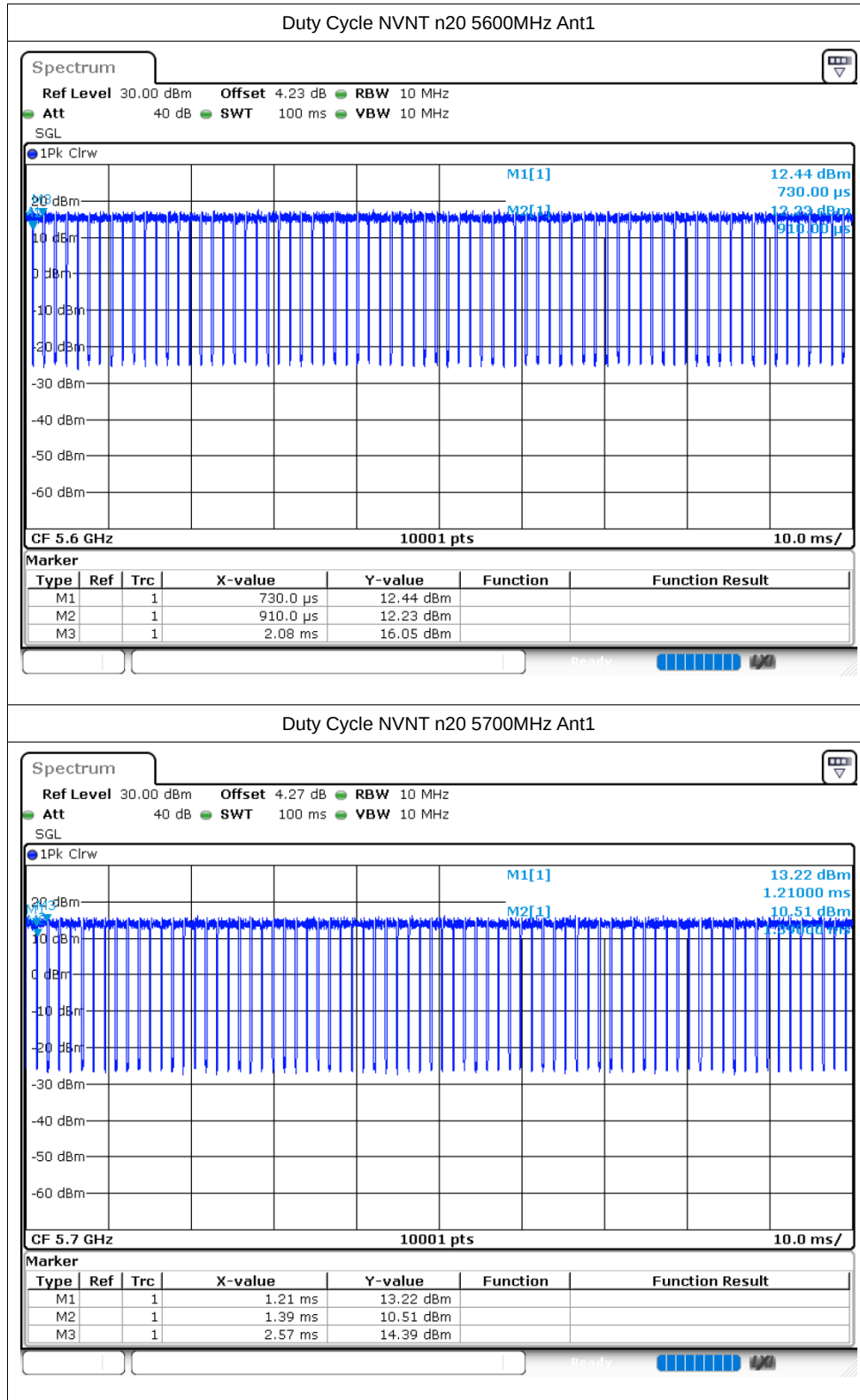
1Ppk Clrw

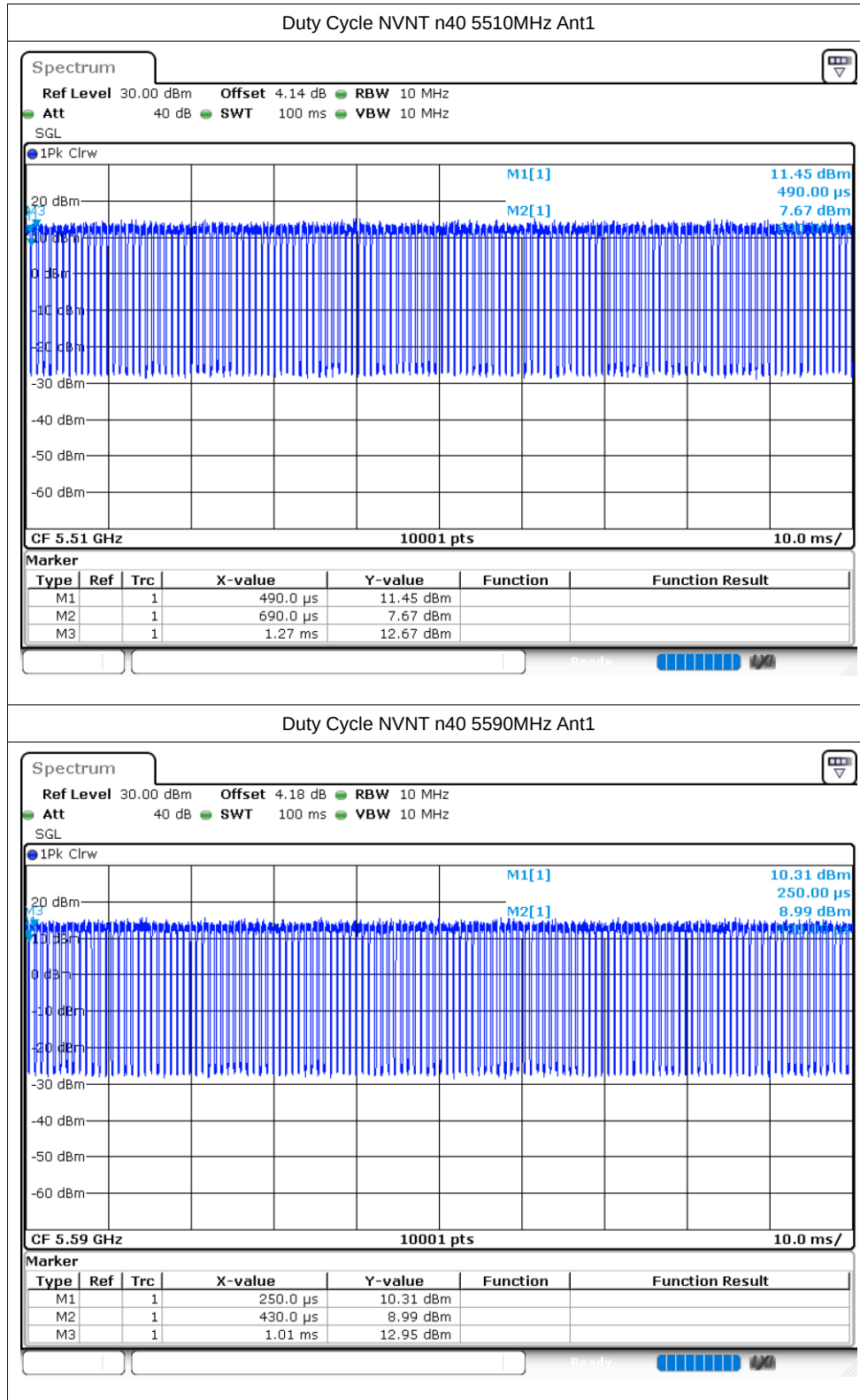


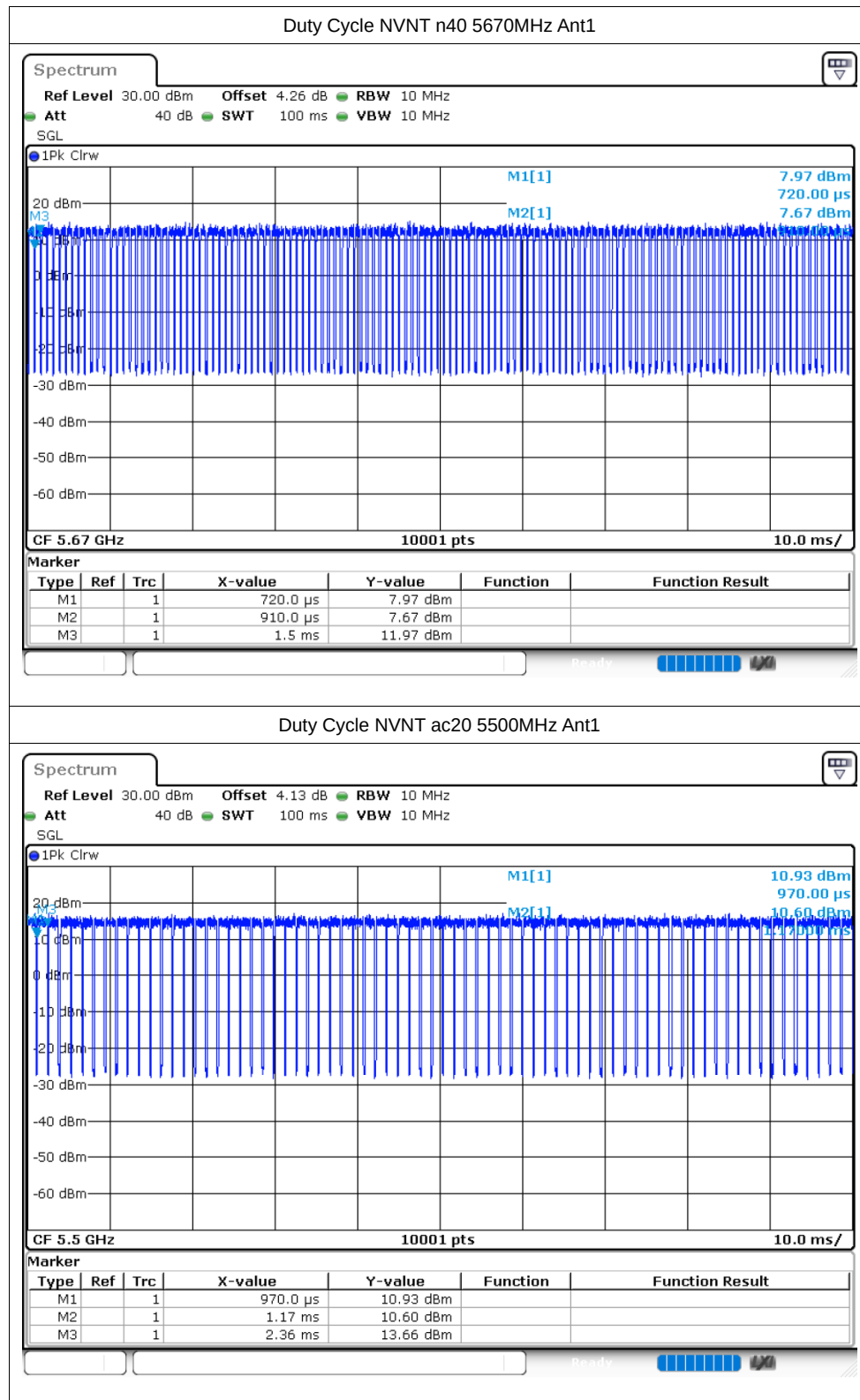
Marker

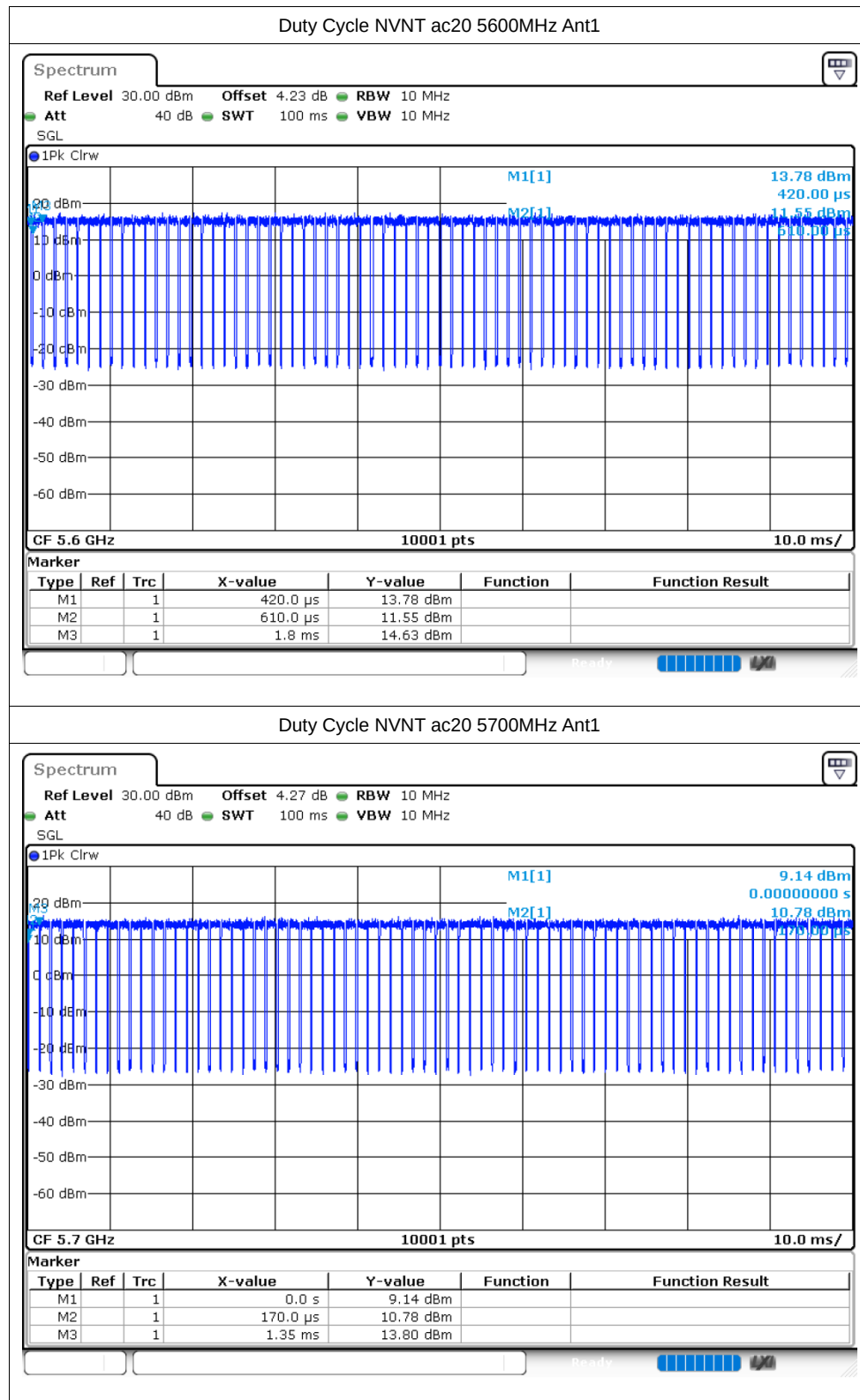
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	990.0 μs	18.16 dBm		
M2		1	1.17 ms	13.31 dBm		
M3		1	2.56 ms	17.91 dBm		

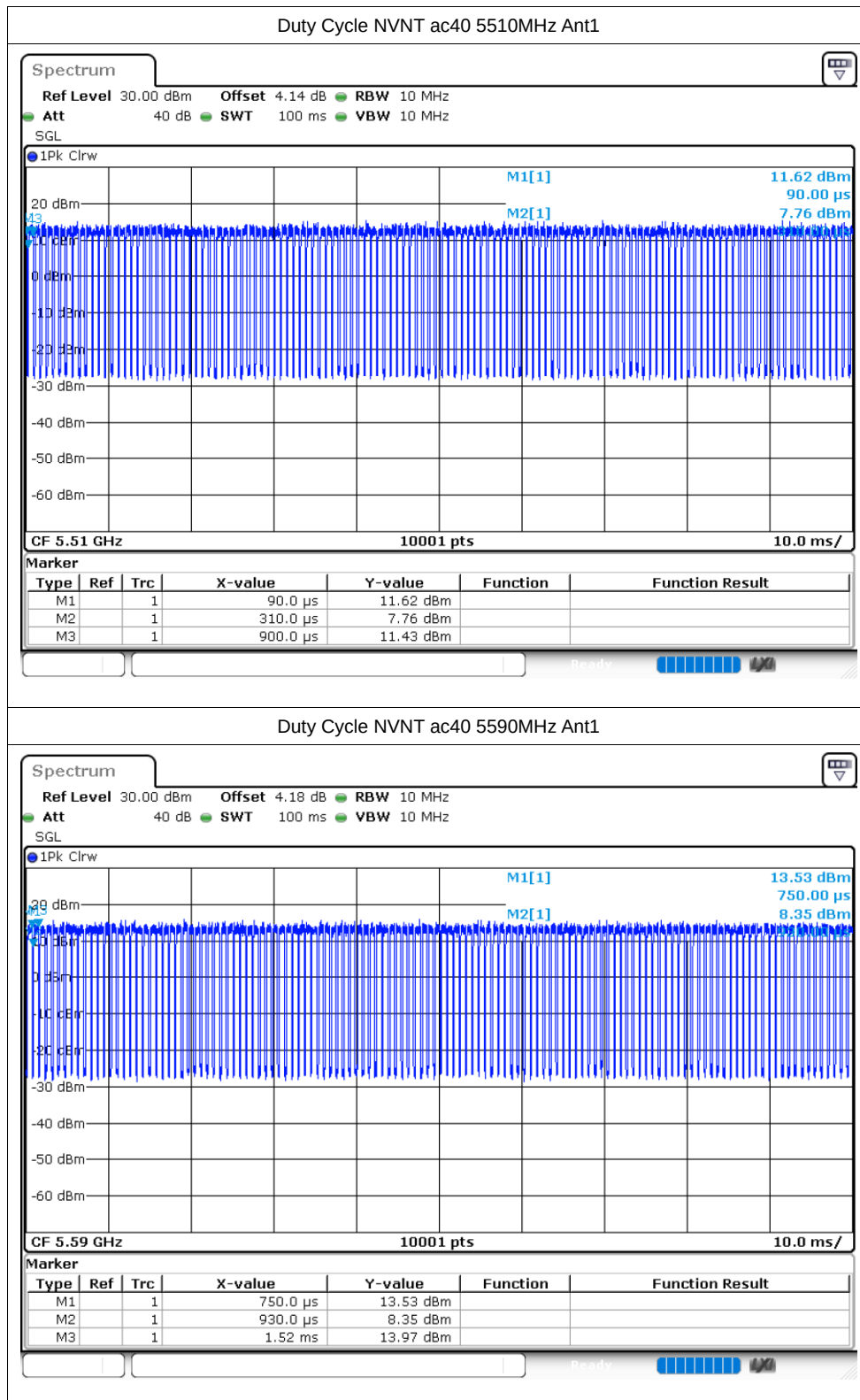




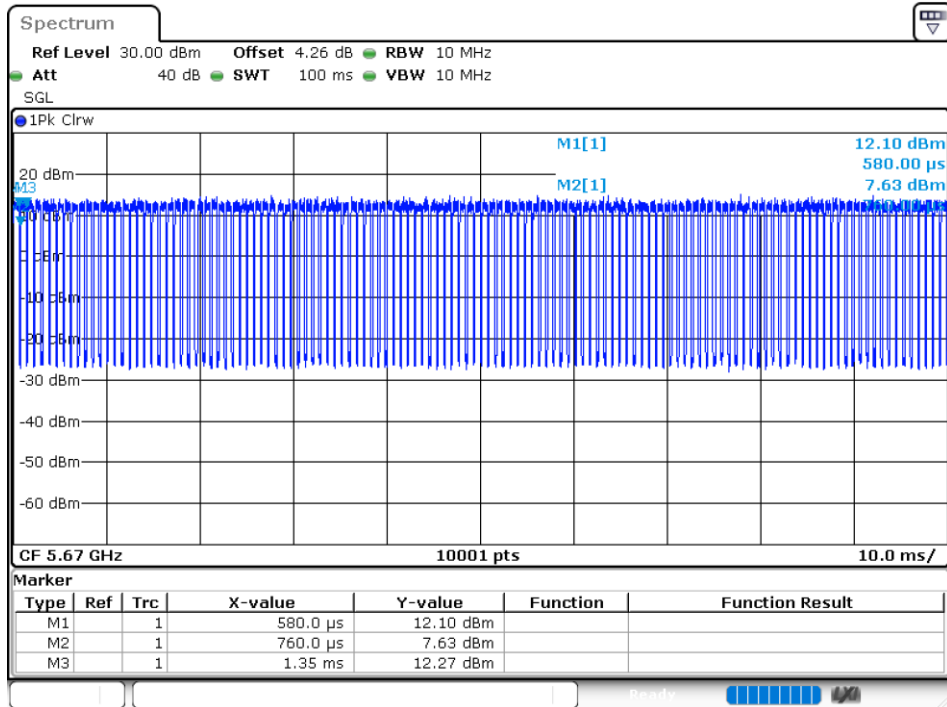




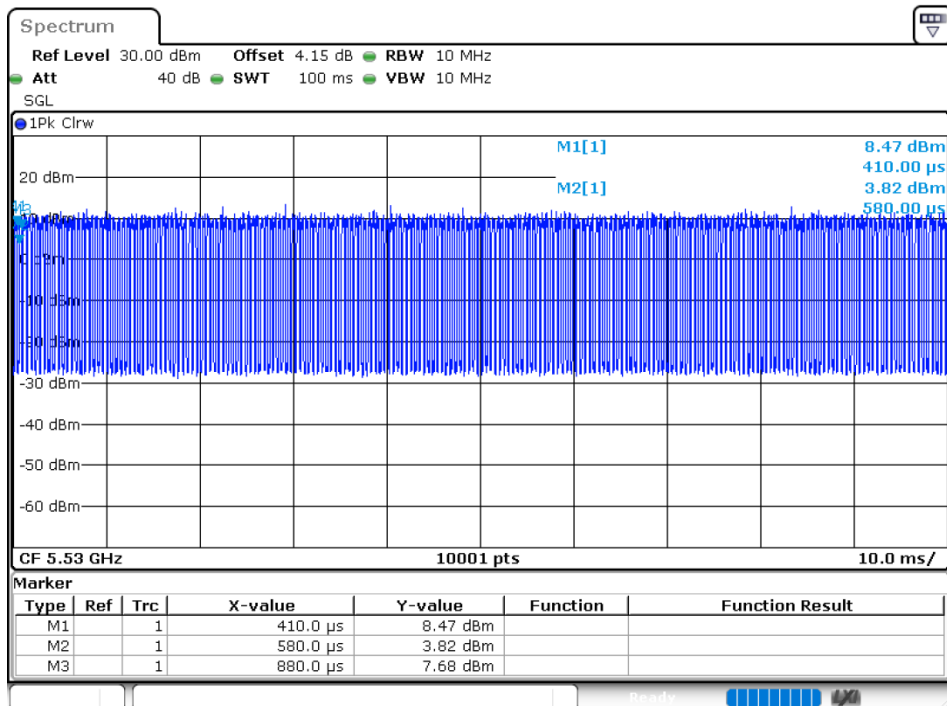


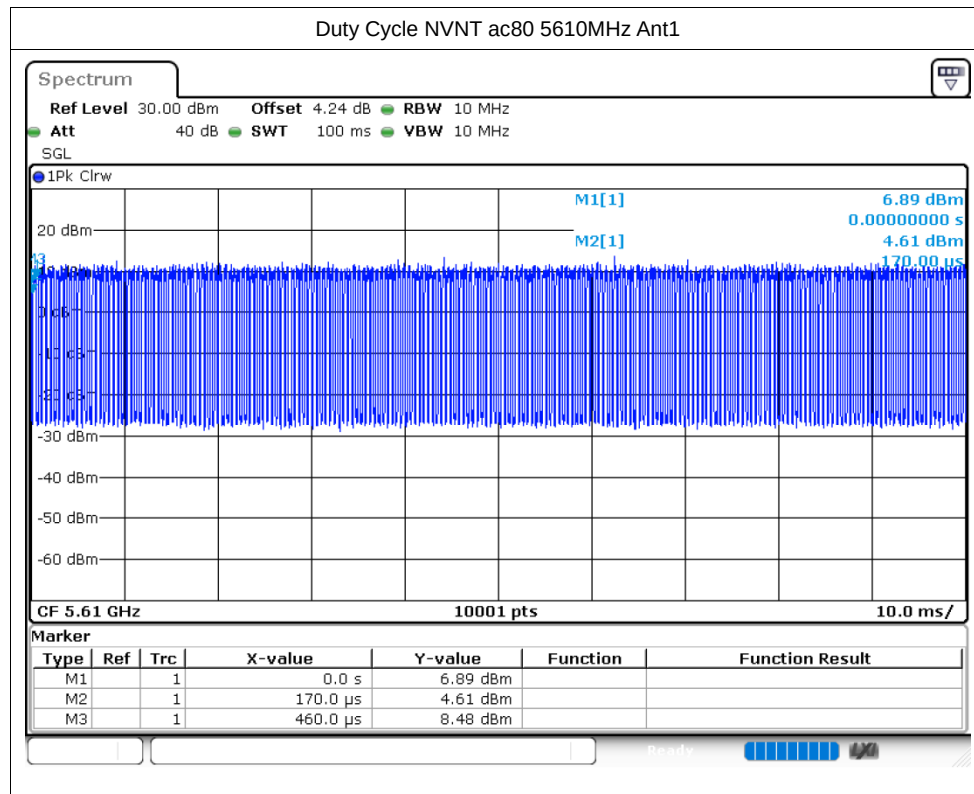


Duty Cycle NVNT ac40 5670MHz Ant1



Duty Cycle NVNT ac80 5530MHz Ant1





Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	13.06	24	Pass
NVNT	a	5600	Ant1	13.7	24	Pass
NVNT	a	5700	Ant1	12.6	24	Pass
NVNT	n20	5500	Ant1	11.11	24	Pass
NVNT	n20	5600	Ant1	11.87	24	Pass
NVNT	n20	5700	Ant1	10.8	24	Pass
NVNT	n40	5510	Ant1	11.05	24	Pass
NVNT	n40	5590	Ant1	11.83	24	Pass
NVNT	n40	5670	Ant1	11.25	24	Pass
NVNT	ac20	5500	Ant1	10.87	24	Pass
NVNT	ac20	5600	Ant1	11.98	24	Pass
NVNT	ac20	5700	Ant1	11.06	24	Pass
NVNT	ac40	5510	Ant1	11.29	24	Pass
NVNT	ac40	5590	Ant1	11.88	24	Pass
NVNT	ac40	5670	Ant1	11.25	24	Pass
NVNT	ac80	5530	Ant1	11.21	24	Pass
NVNT	ac80	5610	Ant1	12.17	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	23.67	Pass
NVNT	a	5600	Ant1	23.262	Pass
NVNT	a	5700	Ant1	19.659	Pass
NVNT	n20	5500	Ant1	19.827	Pass
NVNT	n20	5600	Ant1	19.956	Pass
NVNT	n20	5700	Ant1	22.23	Pass
NVNT	n40	5510	Ant1	49.836	Pass
NVNT	n40	5590	Ant1	48.504	Pass
NVNT	n40	5670	Ant1	53.088	Pass
NVNT	ac20	5500	Ant1	25.599	Pass
NVNT	ac20	5600	Ant1	23.142	Pass
NVNT	ac20	5700	Ant1	19.956	Pass
NVNT	ac40	5510	Ant1	54.252	Pass
NVNT	ac40	5590	Ant1	50.46	Pass
NVNT	ac40	5670	Ant1	54.408	Pass
NVNT	ac80	5530	Ant1	90.54	Pass
NVNT	ac80	5610	Ant1	96.228	Pass

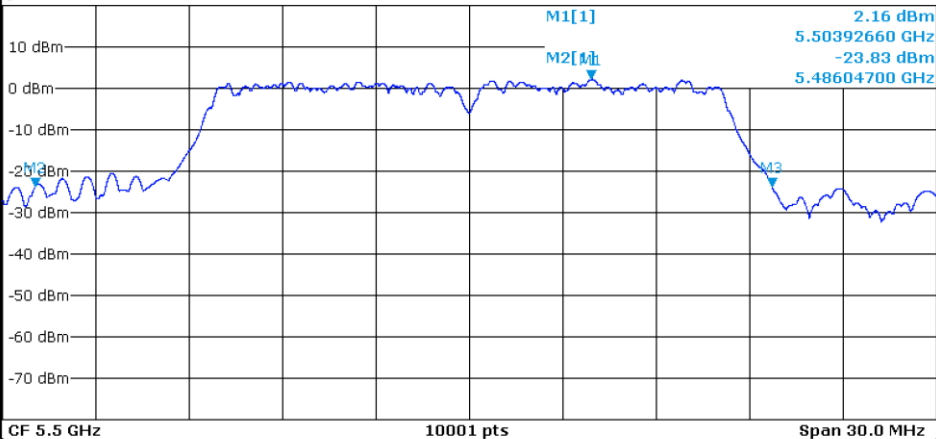
Test Graphs

-26dB Bandwidth NVNT a 5500MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.13 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max

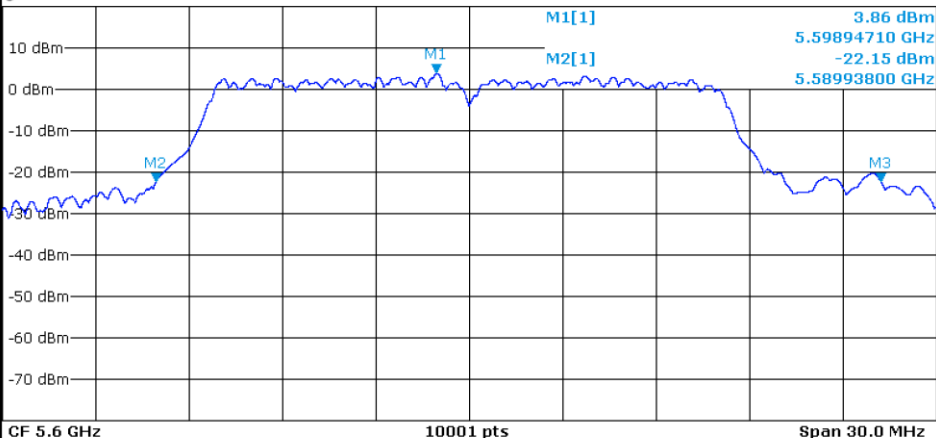


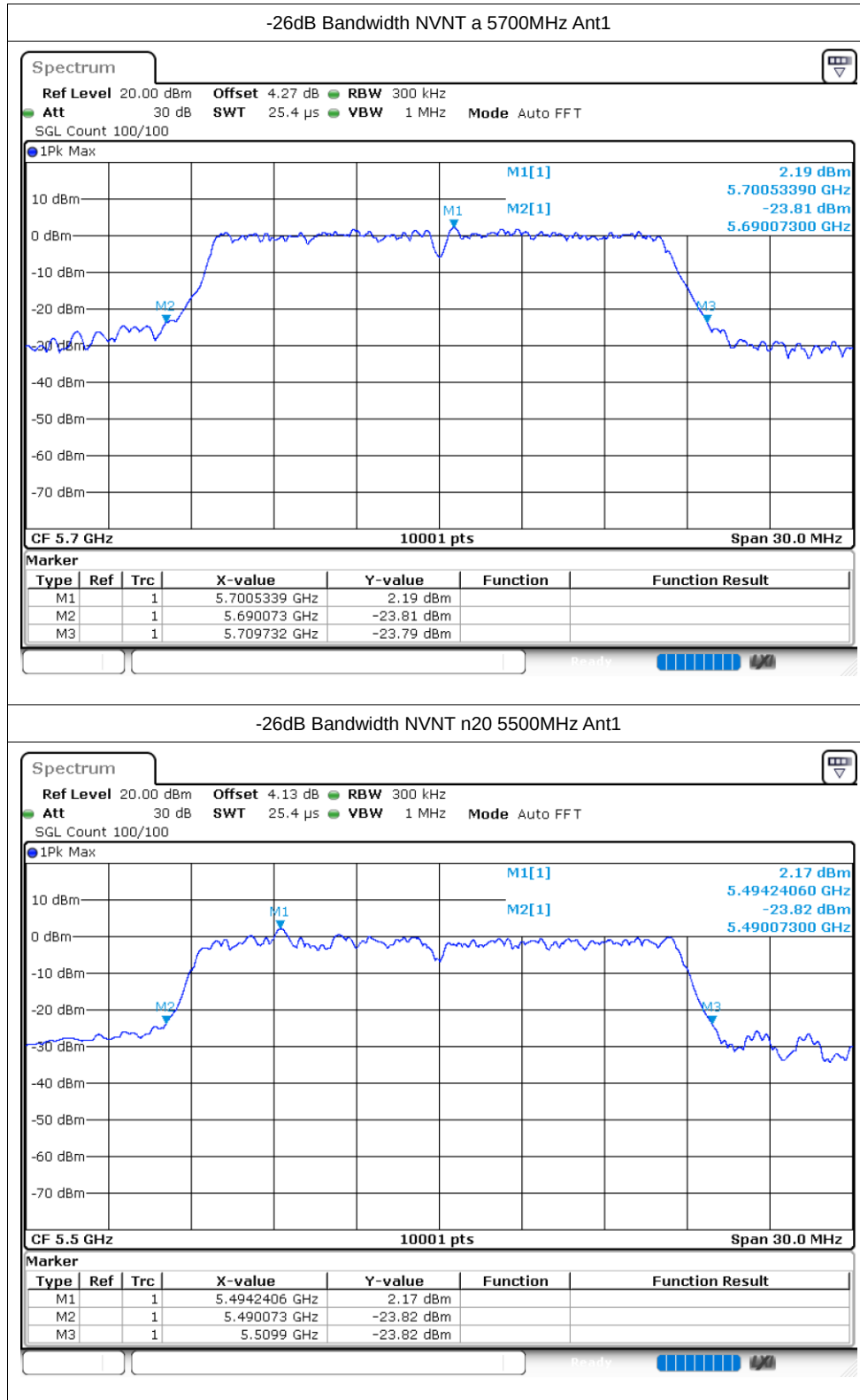
-26dB Bandwidth NVNT a 5600MHz Ant1

Spectrum

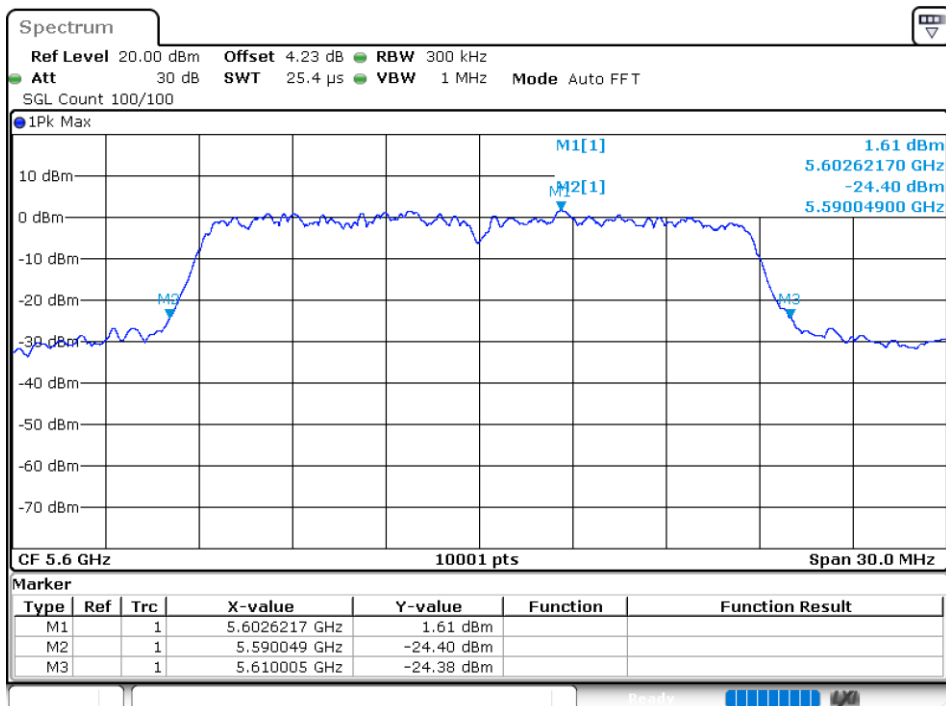
Ref Level 20.00 dBm Offset 4.23 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max

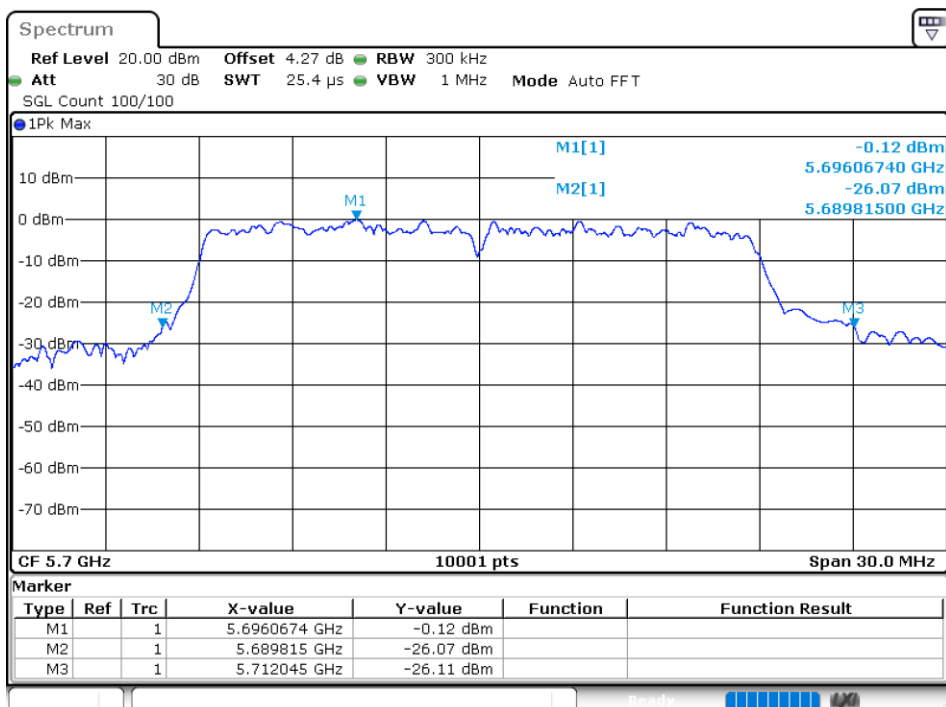


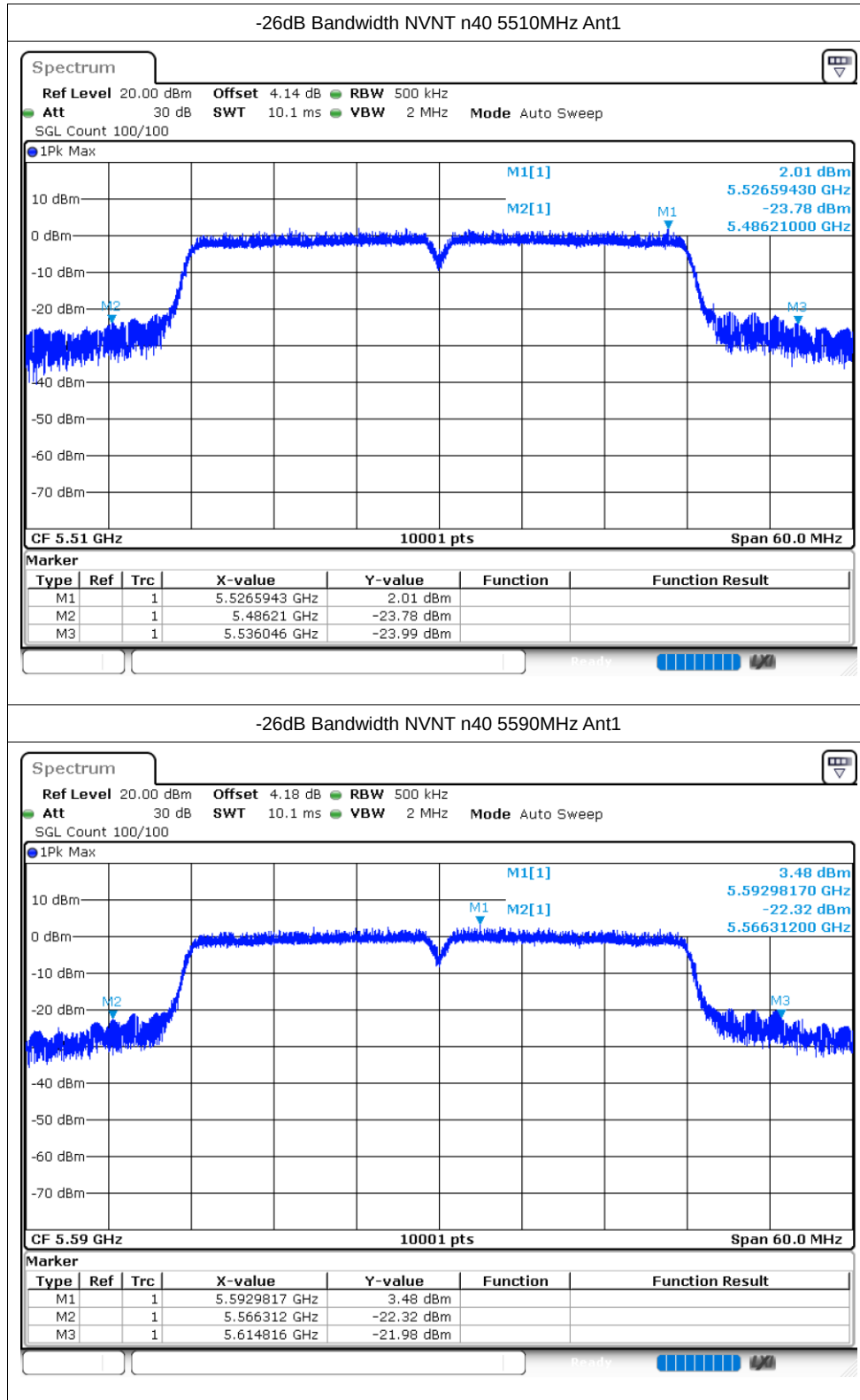


-26dB Bandwidth NVNT n20 5600MHz Ant1

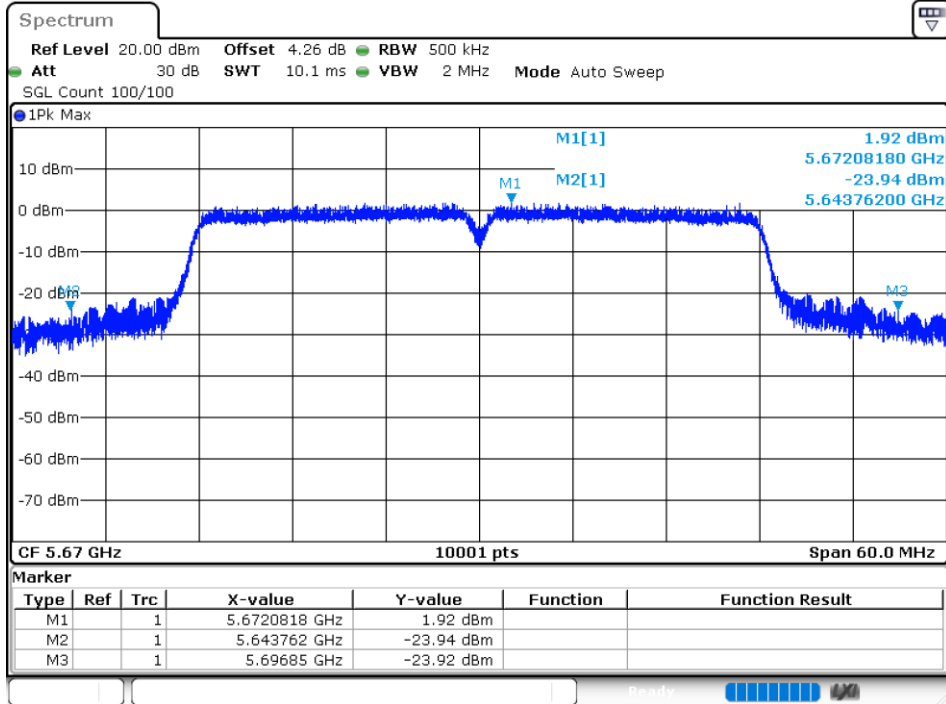


-26dB Bandwidth NVNT n20 5700MHz Ant1

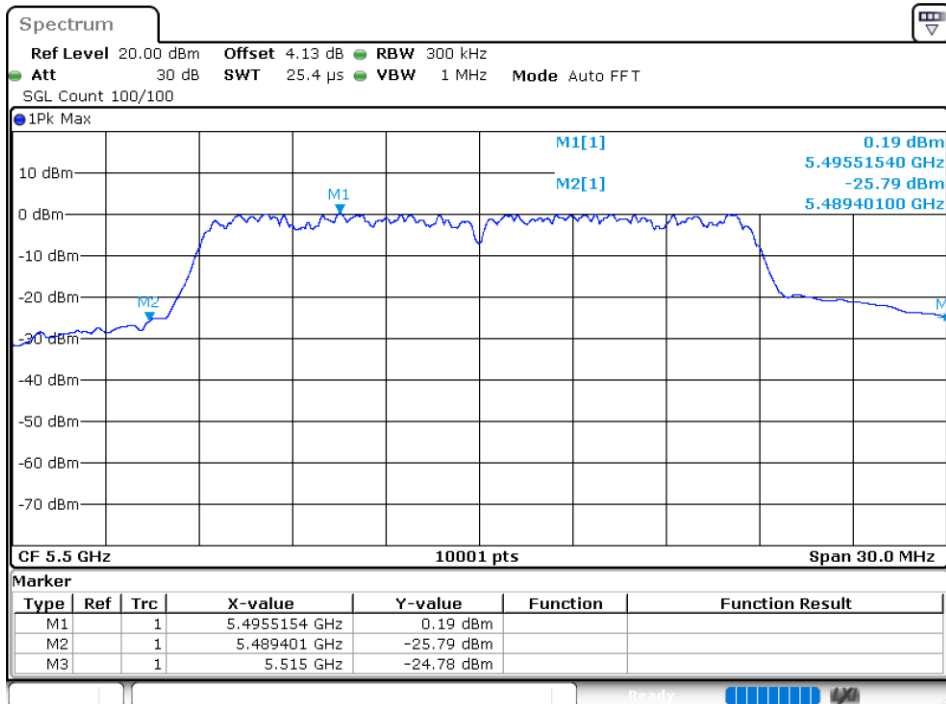


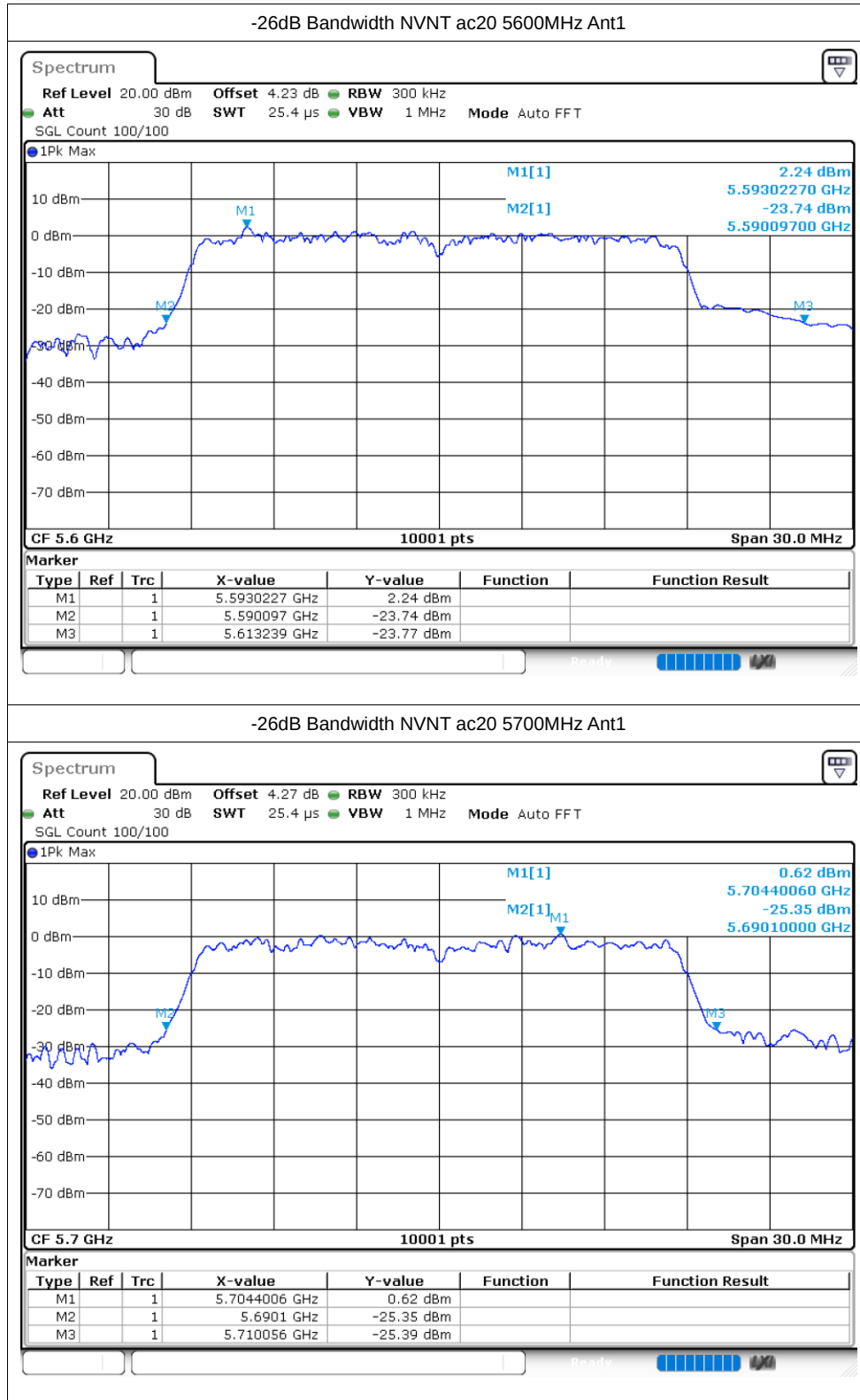


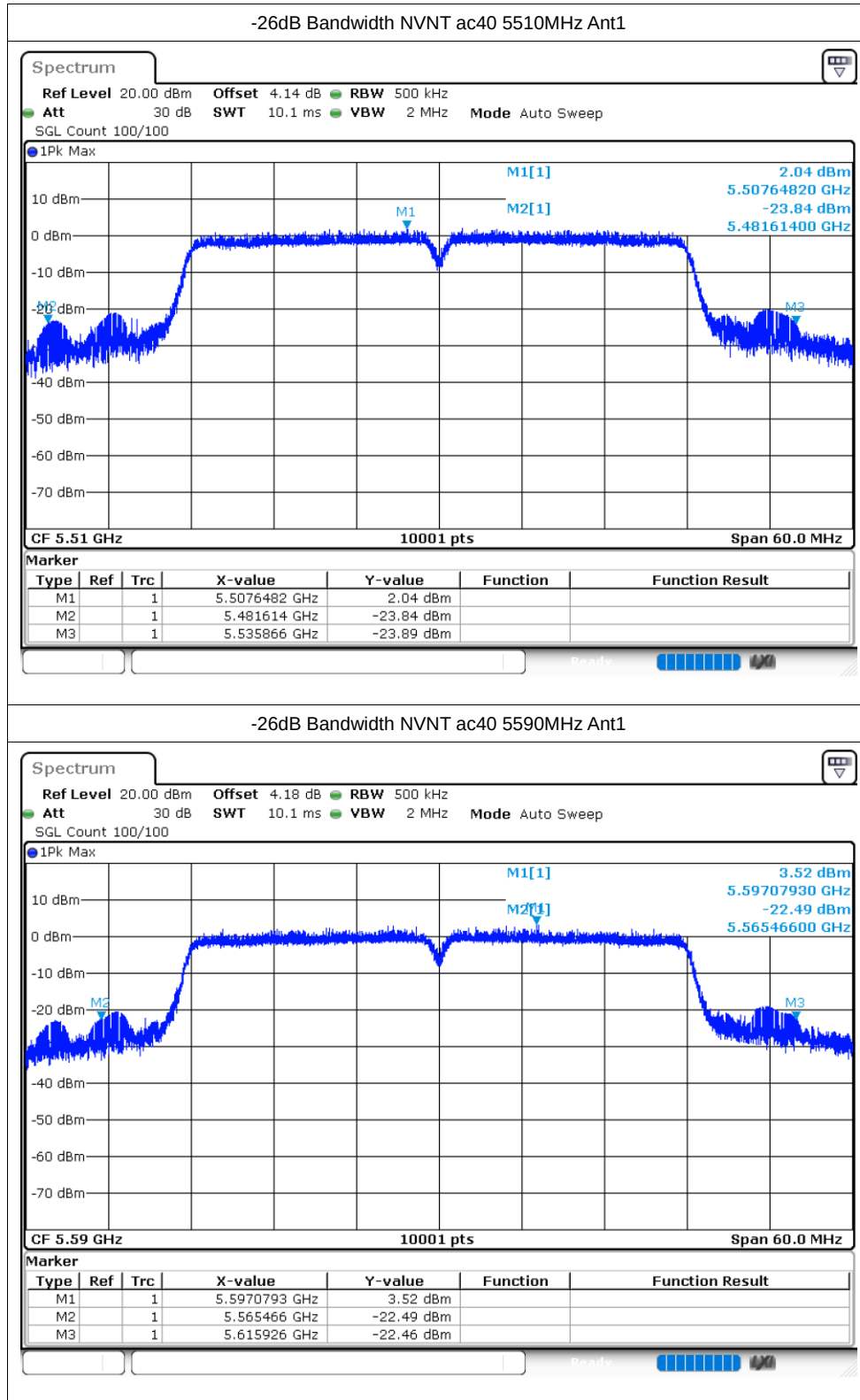
-26dB Bandwidth NVNT n40 5670MHz Ant1

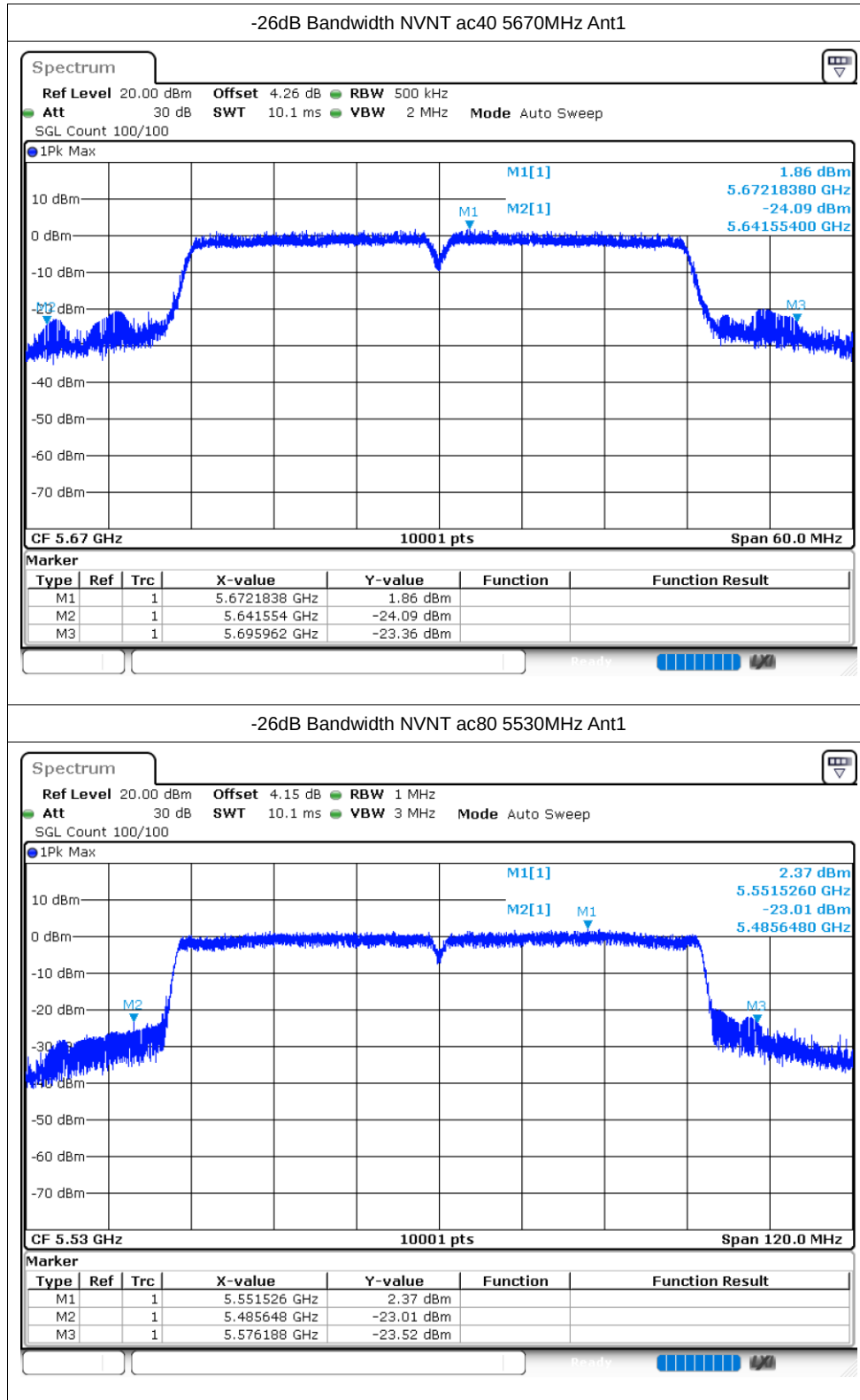


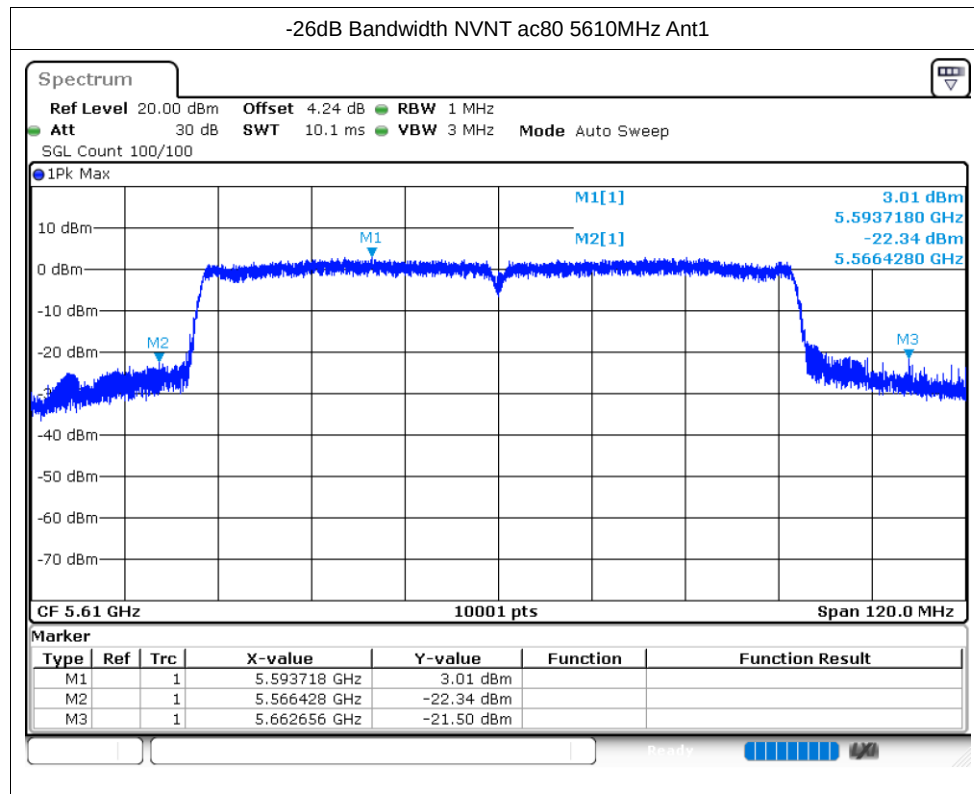
-26dB Bandwidth NVNT ac20 5500MHz Ant1









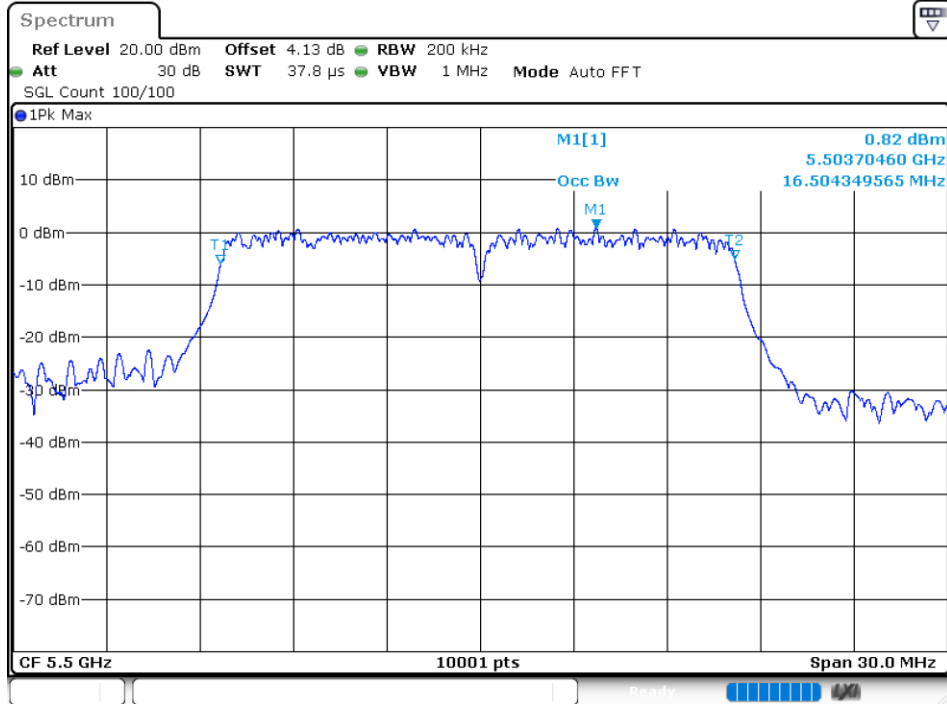


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.504
NVNT	a	5600	Ant1	16.489
NVNT	a	5700	Ant1	16.687
NVNT	n20	5500	Ant1	17.554
NVNT	n20	5600	Ant1	17.593
NVNT	n20	5700	Ant1	17.695
NVNT	n40	5510	Ant1	36.194
NVNT	n40	5590	Ant1	36.206
NVNT	n40	5670	Ant1	36.212
NVNT	ac20	5500	Ant1	17.578
NVNT	ac20	5600	Ant1	17.587
NVNT	ac20	5700	Ant1	17.59
NVNT	ac40	5510	Ant1	36.188
NVNT	ac40	5590	Ant1	36.206
NVNT	ac40	5670	Ant1	36.212
NVNT	ac80	5530	Ant1	75.532
NVNT	ac80	5610	Ant1	75.58

Test Graphs

OBW NVNT a 5500MHz Ant1



OBW NVNT a 5600MHz Ant1

