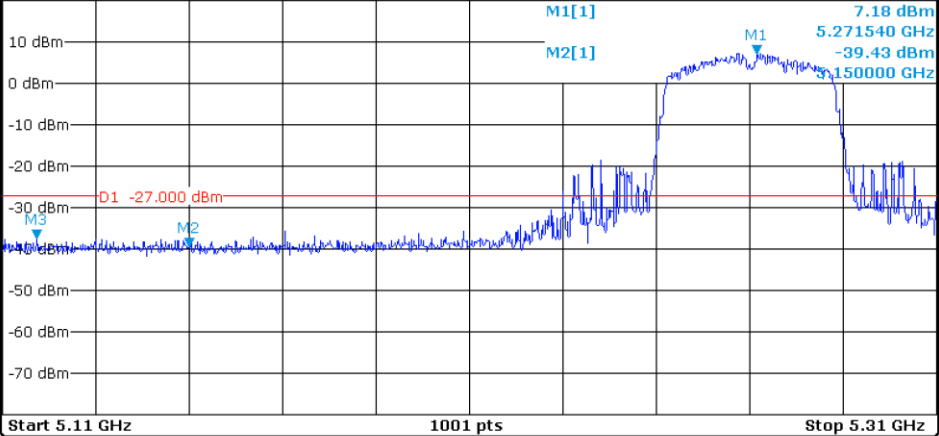


Band Edge NVNT n40 5270MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.06 dB RBW 1 MHz
Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

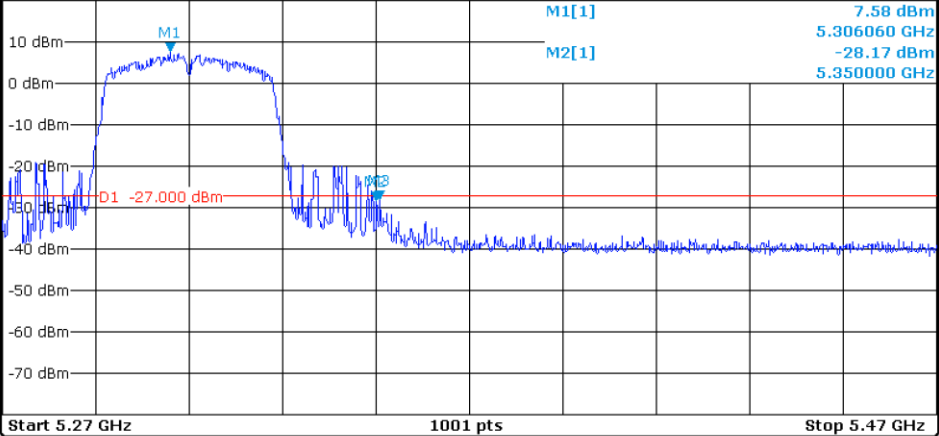
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.27154 GHz	7.18 dBm		
M2		1	5.15 GHz	-39.43 dBm		
M3		1	5.1174 GHz	-37.37 dBm		

Band Edge NVNT n40 5310MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.09 dB RBW 1 MHz
Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

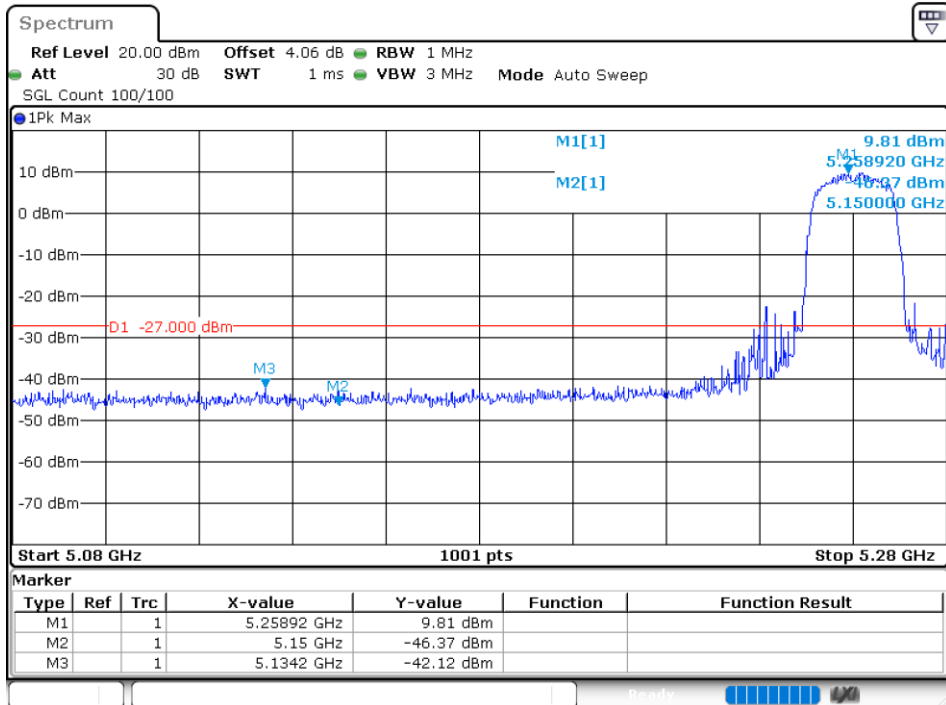
1Pk Max



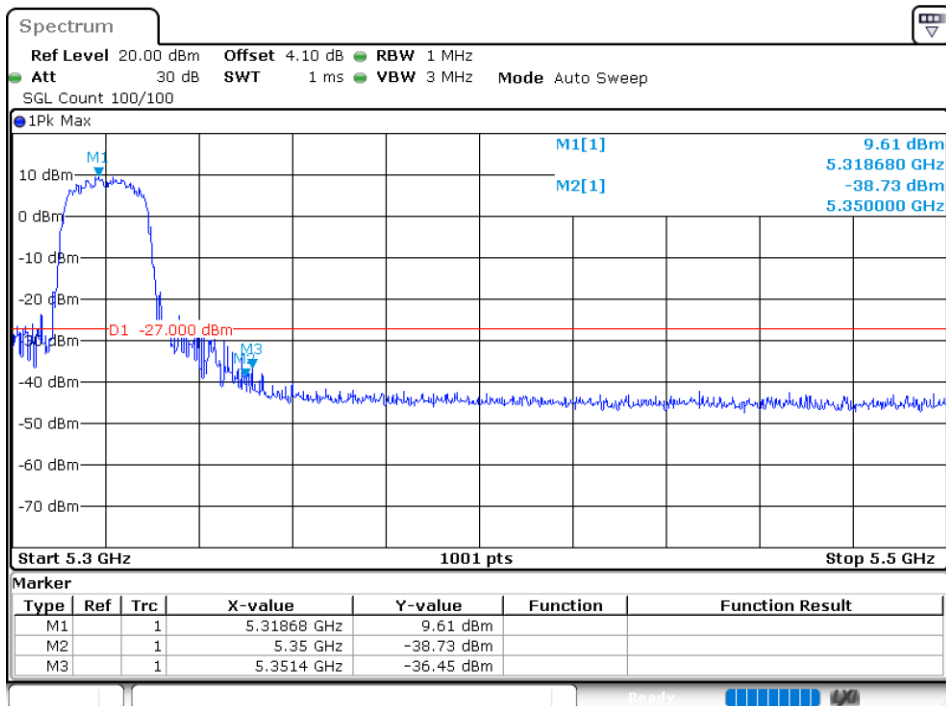
Marker

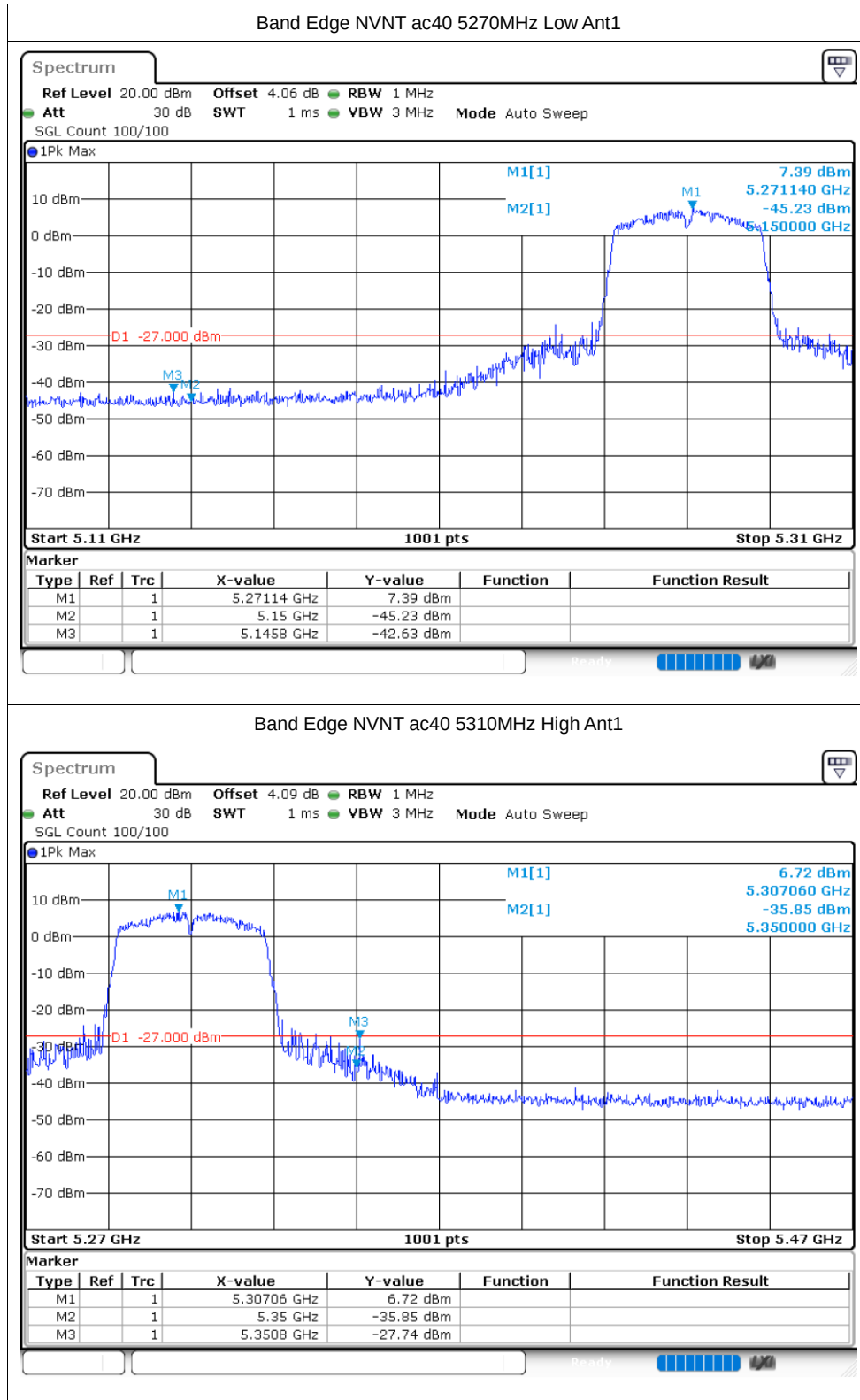
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.30606 GHz	7.58 dBm		
M2		1	5.35 GHz	-28.17 dBm		
M3		1	5.3508 GHz	-27.90 dBm		

Band Edge NVNT ac20 5260MHz Low Ant1



Band Edge NVNT ac20 5320MHz High Ant1



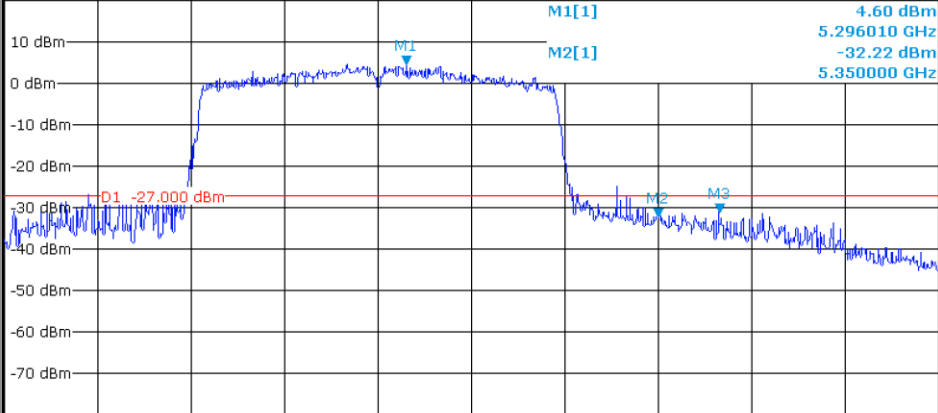


Band Edge NVNT ac80 5290MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.08 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

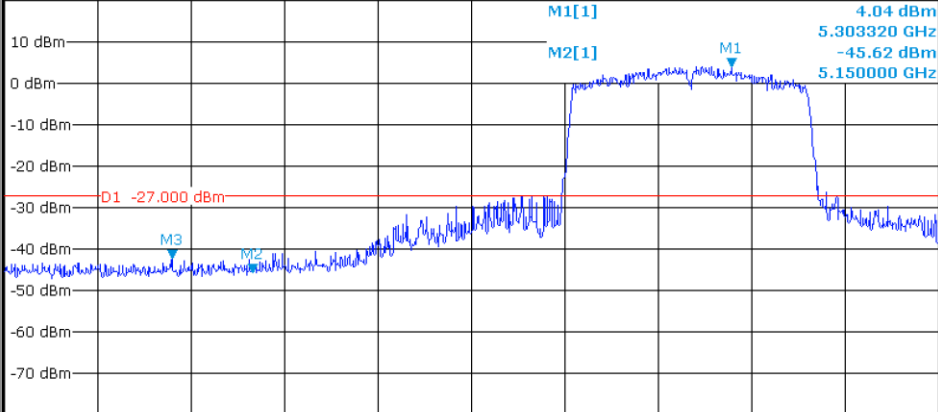
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.29601 GHz	4.60 dBm		
M2		1	5.35 GHz	-32.22 dBm		
M3		1	5.363 GHz	-31.08 dBm		

Band Edge NVNT ac80 5290MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.08 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

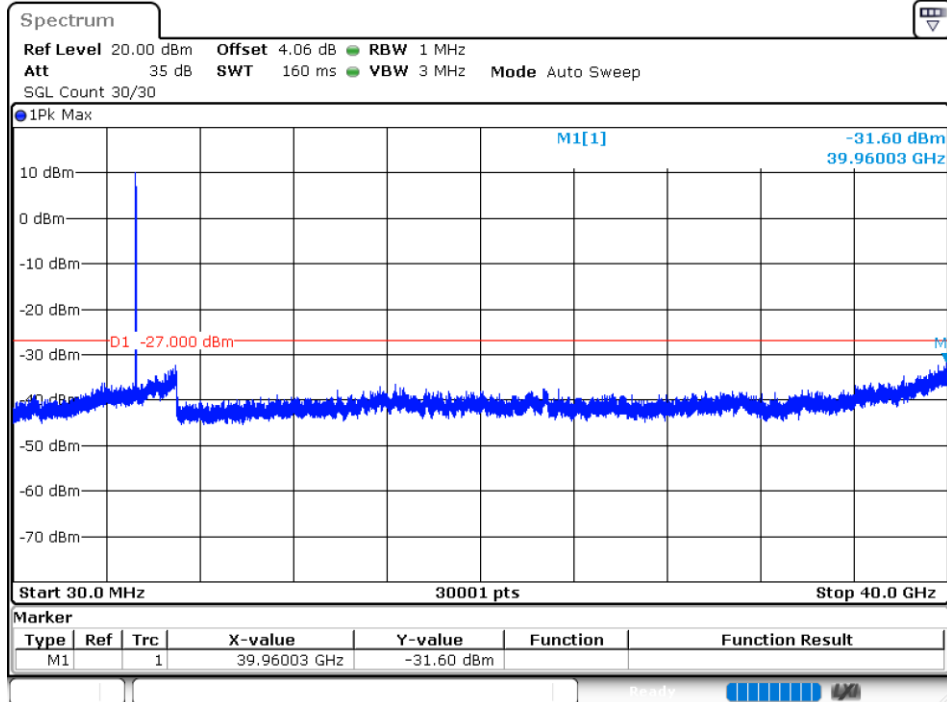
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.30332 GHz	4.04 dBm		
M2		1	5.15 GHz	-45.62 dBm		
M3		1	5.124 GHz	-42.37 dBm		

Conducted RF Spurious Emission

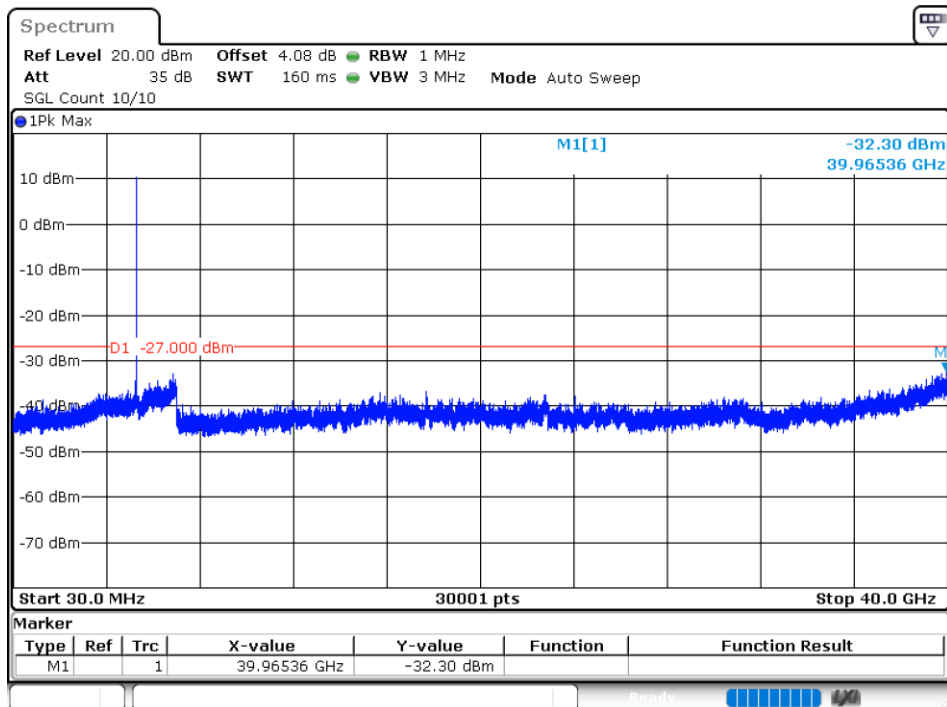
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-31.59	-27	Pass
NVNT	a	5280	Ant1	-32.29	-27	Pass
NVNT	a	5320	Ant1	-32.84	-27	Pass
NVNT	n20	5260	Ant1	-33.03	-27	Pass
NVNT	n20	5280	Ant1	-32.13	-27	Pass
NVNT	n20	5320	Ant1	-32.75	-27	Pass
NVNT	n40	5270	Ant1	-32.79	-27	Pass
NVNT	n40	5310	Ant1	-32.93	-27	Pass
NVNT	ac20	5260	Ant1	-34.3	-27	Pass
NVNT	ac20	5280	Ant1	-33.22	-27	Pass
NVNT	ac20	5320	Ant1	-34.15	-27	Pass
NVNT	ac40	5270	Ant1	-33.12	-27	Pass
NVNT	ac40	5310	Ant1	-34.1	-27	Pass
NVNT	ac80	5290	Ant1	-33.05	-27	Pass

Test Graphs

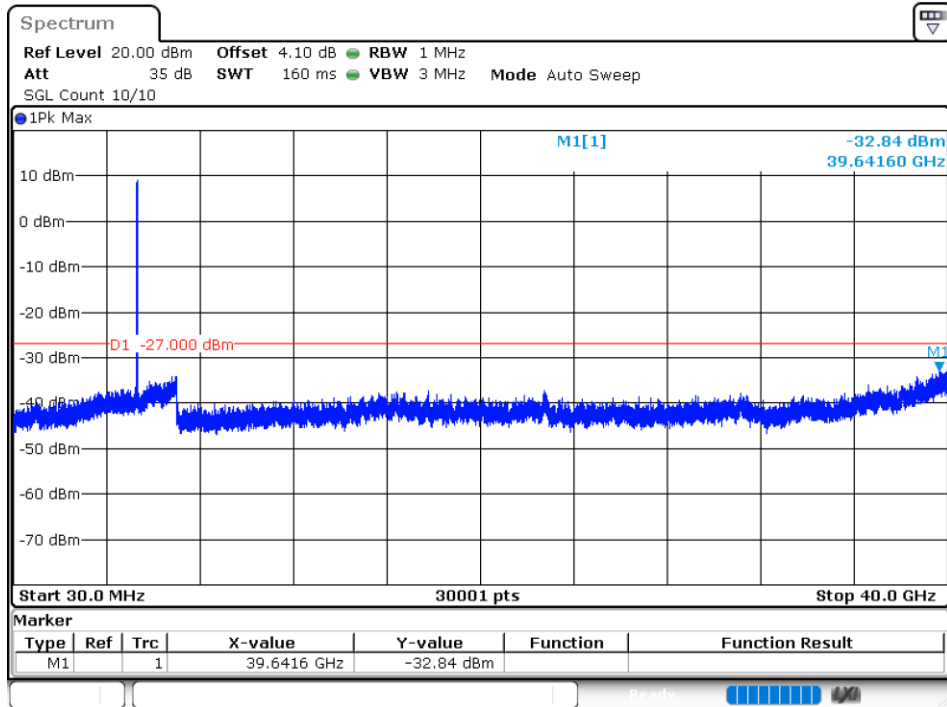
Tx. Spurious NVNT a 5260MHz Ant1 Emission



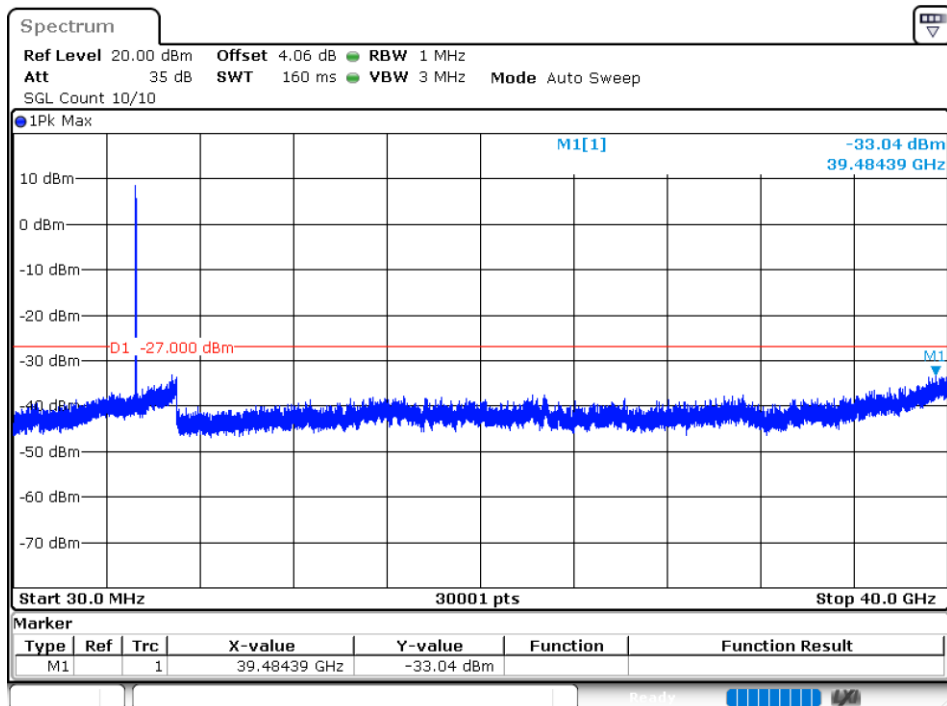
Tx. Spurious NVNT a 5280MHz Ant1 Emission

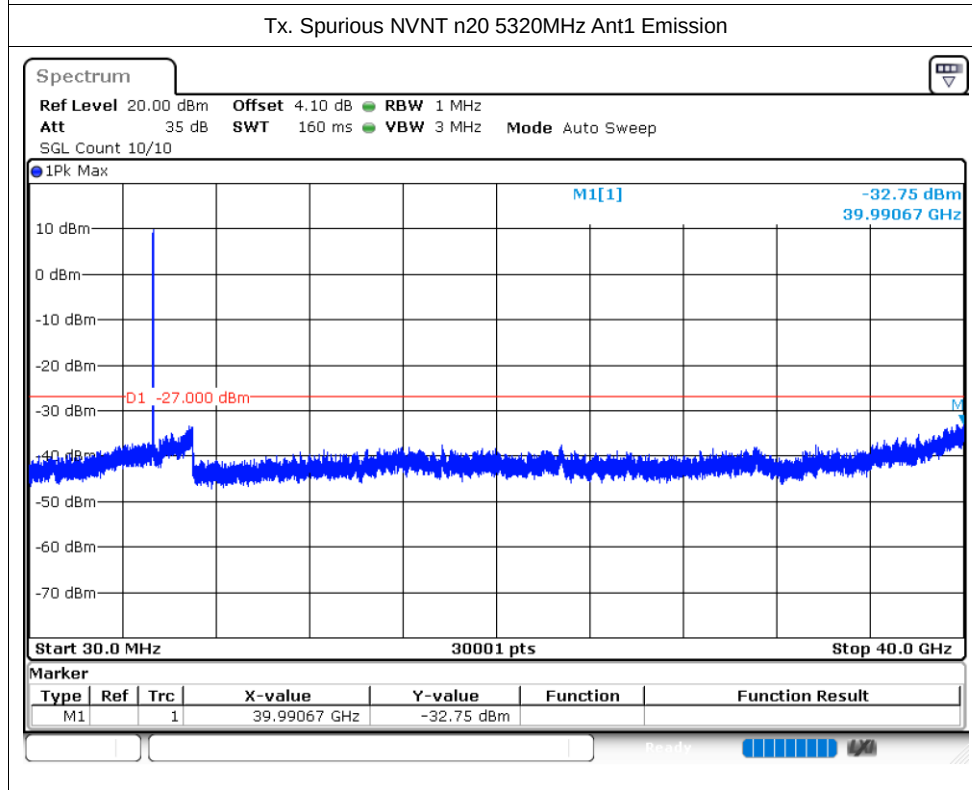
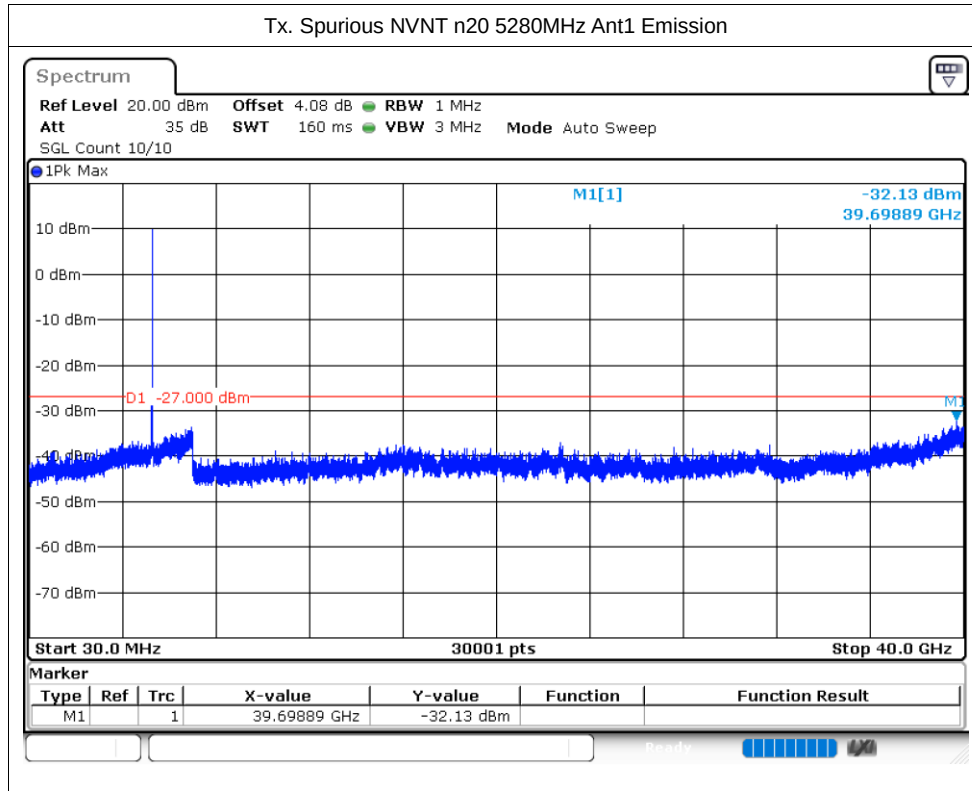


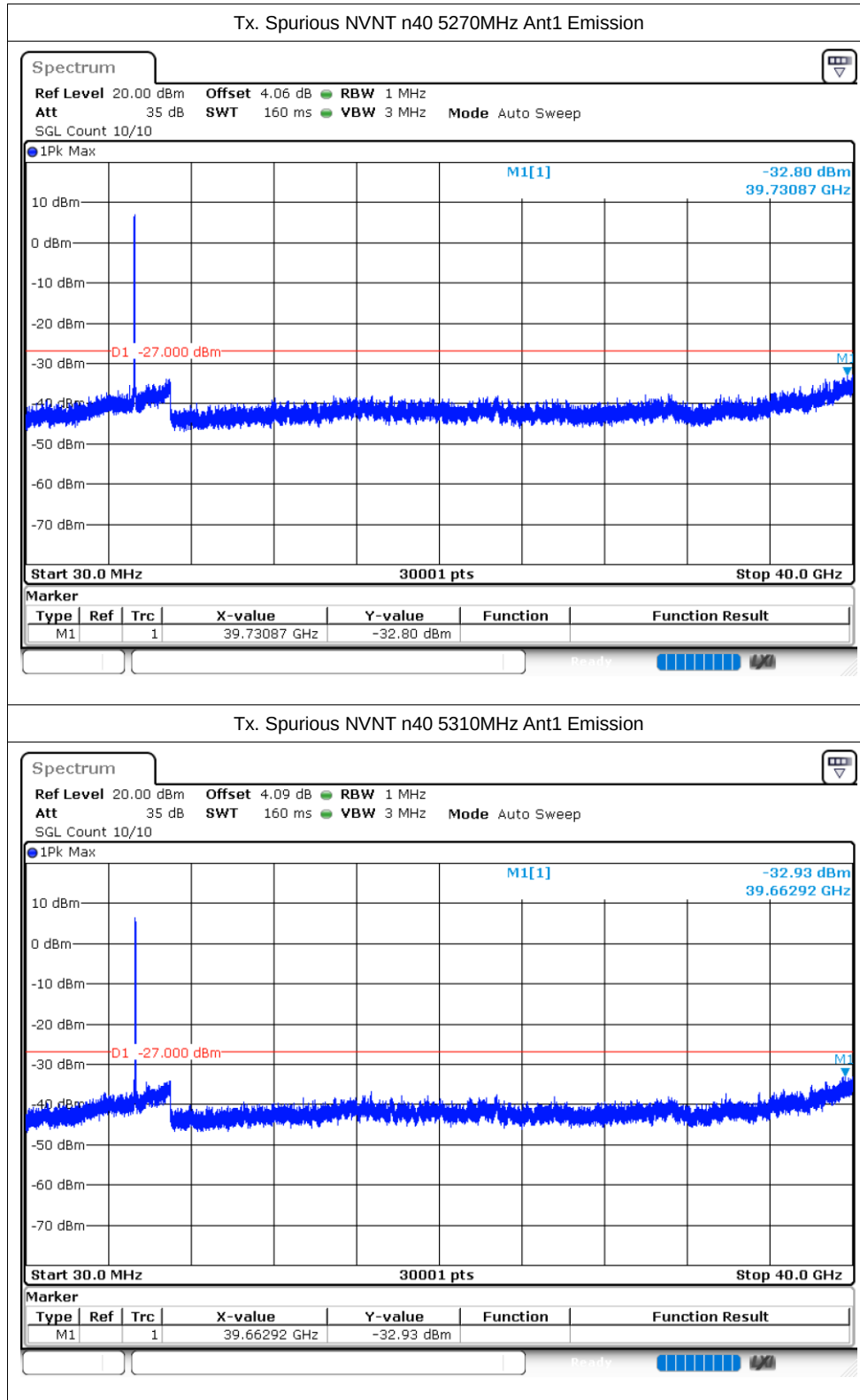
Tx. Spurious NVNT a 5320MHz Ant1 Emission

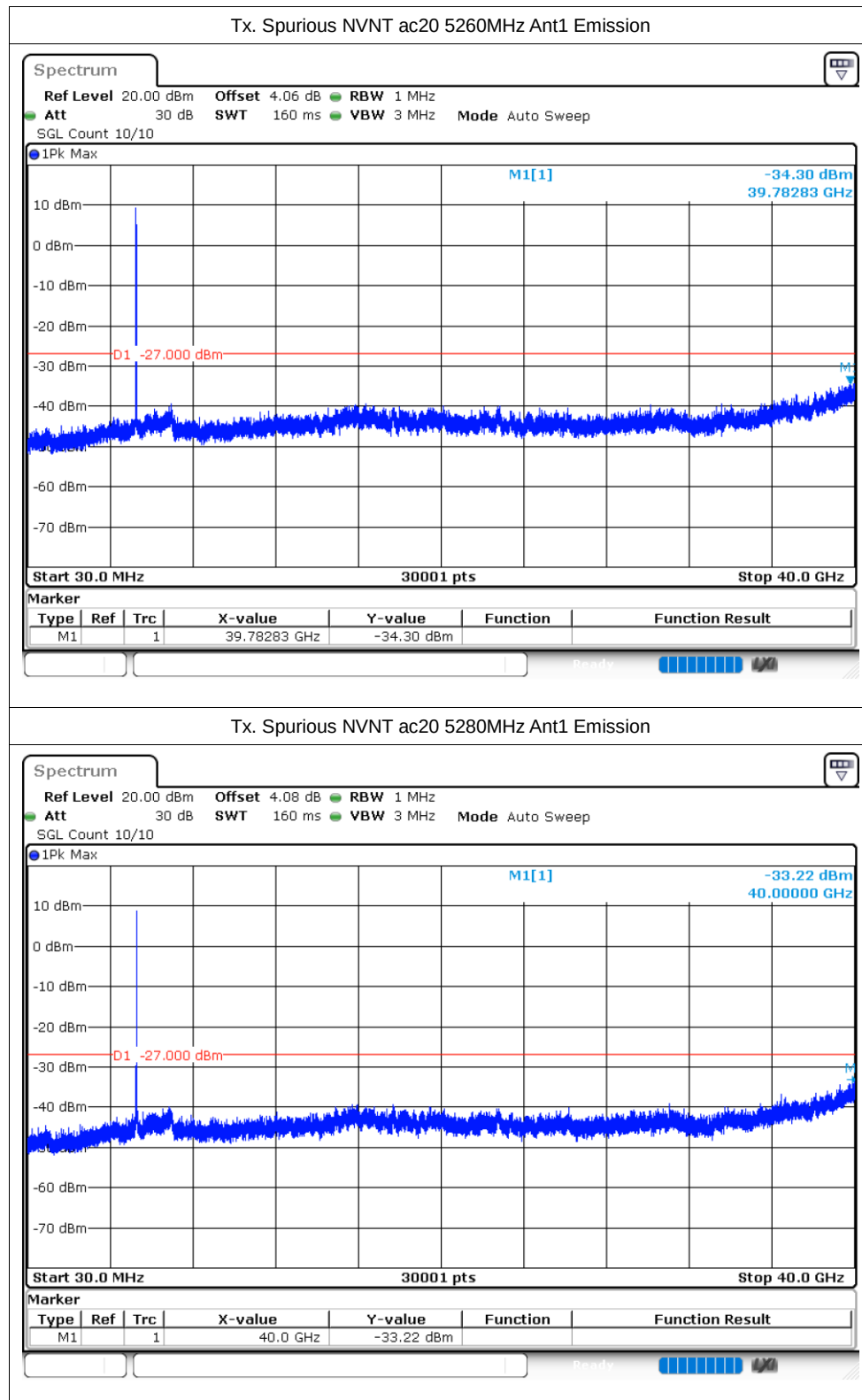


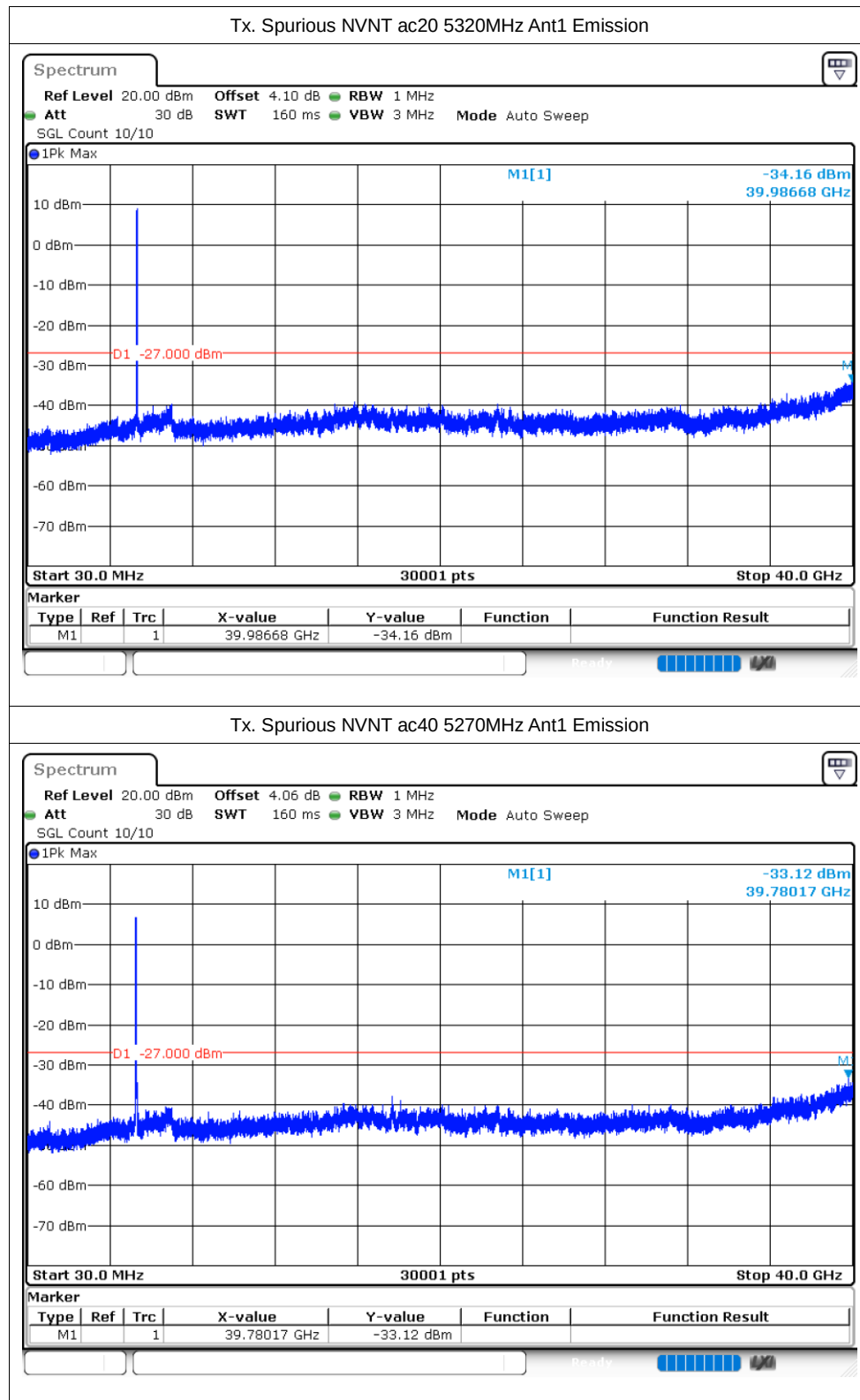
Tx. Spurious NVNT n20 5260MHz Ant1 Emission

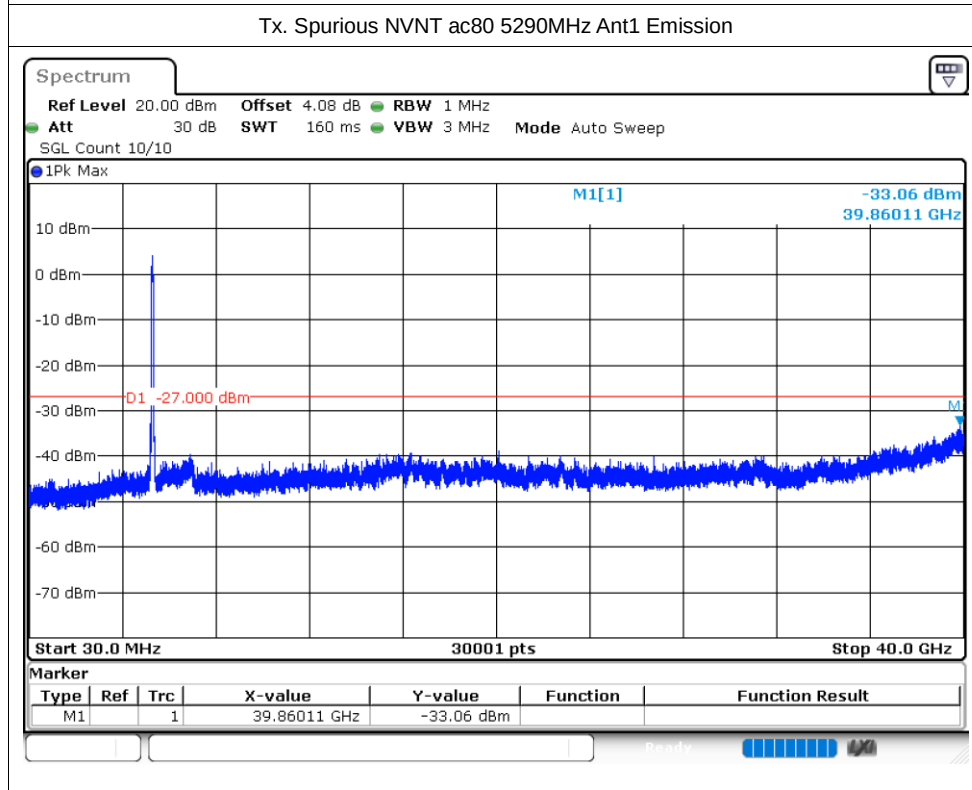
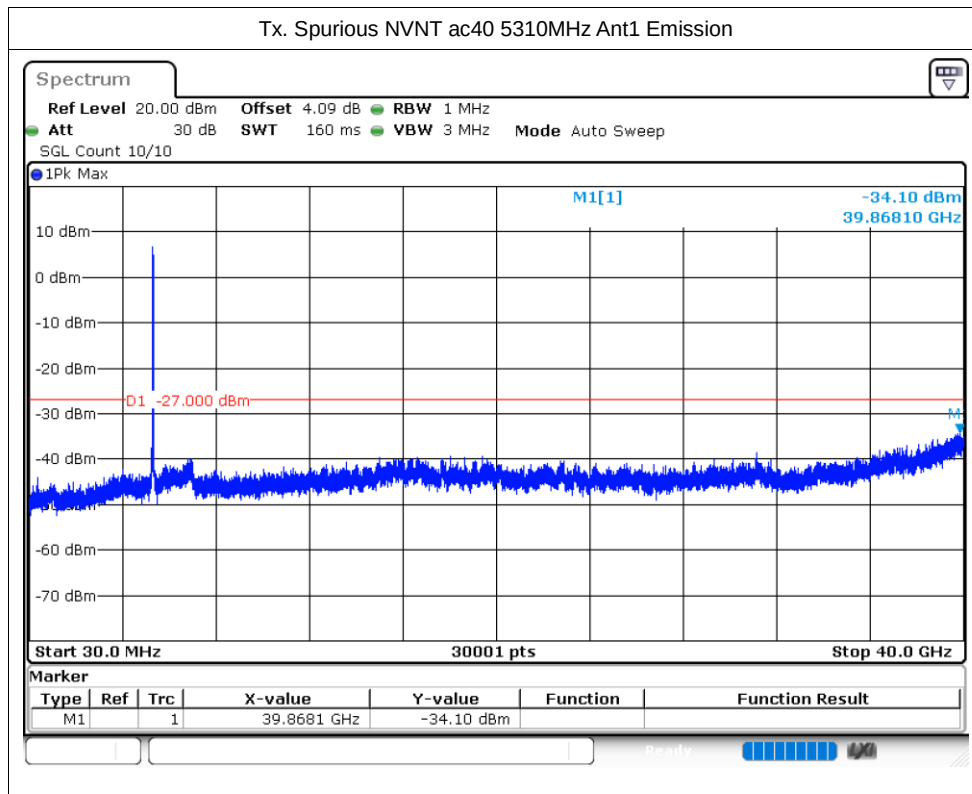












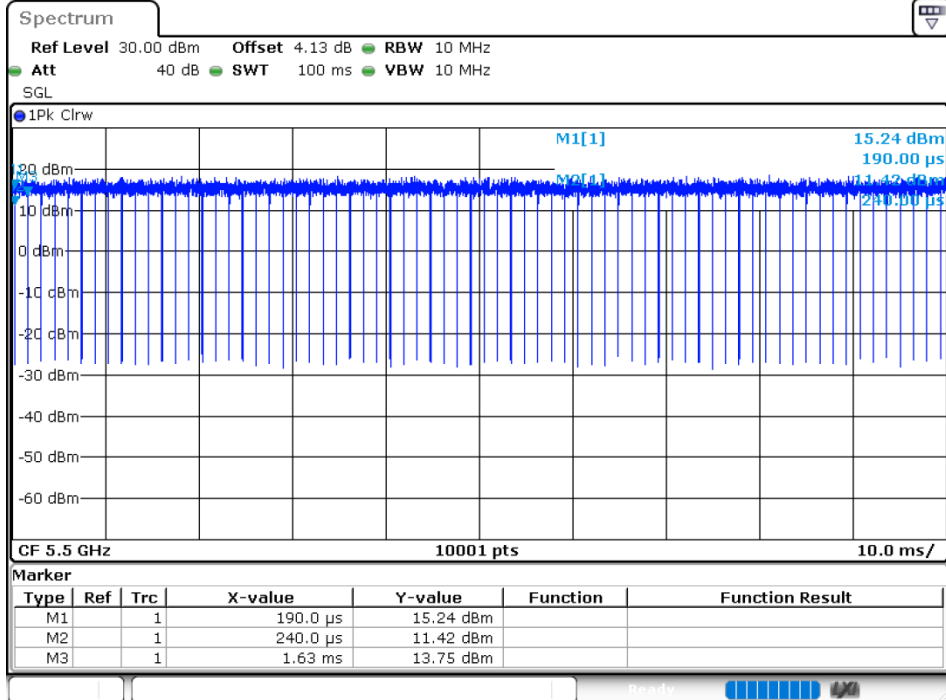
5.6G WIFI

Duty Cycle

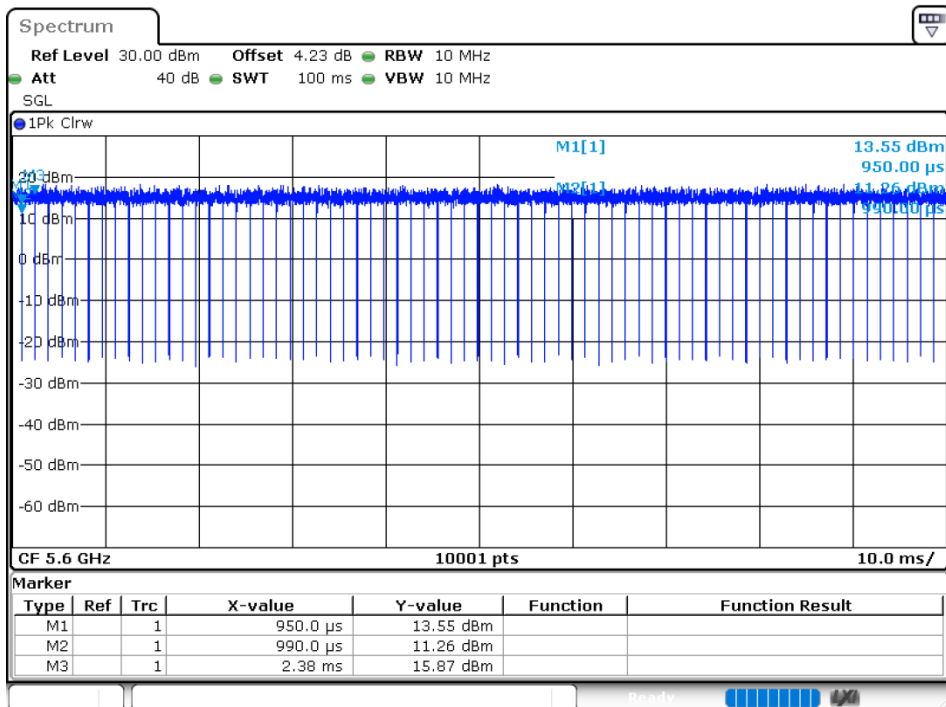
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	97.58	0.11	0.72
NVNT	a	5600	Ant1	97.62	0.1	0.72
NVNT	a	5700	Ant1	97.6	0.11	0.72
NVNT	n20	5500	Ant1	97.44	0.11	0.77
NVNT	n20	5600	Ant1	97.41	0.11	0.77
NVNT	n20	5700	Ant1	97.41	0.11	0.77
NVNT	n40	5510	Ant1	95.08	0.22	1.56
NVNT	n40	5590	Ant1	95.08	0.22	1.54
NVNT	n40	5670	Ant1	95.06	0.22	1.54
NVNT	ac20	5500	Ant1	97.44	0.11	0.76
NVNT	ac20	5600	Ant1	97.45	0.11	0.76
NVNT	ac20	5700	Ant1	97.43	0.11	0.76
NVNT	ac40	5510	Ant1	95.13	0.22	1.54
NVNT	ac40	5590	Ant1	95.07	0.22	1.54
NVNT	ac40	5670	Ant1	95.12	0.22	1.54
NVNT	ac80	5530	Ant1	90.66	0.43	3.13
NVNT	ac80	5610	Ant1	90.63	0.43	3.12

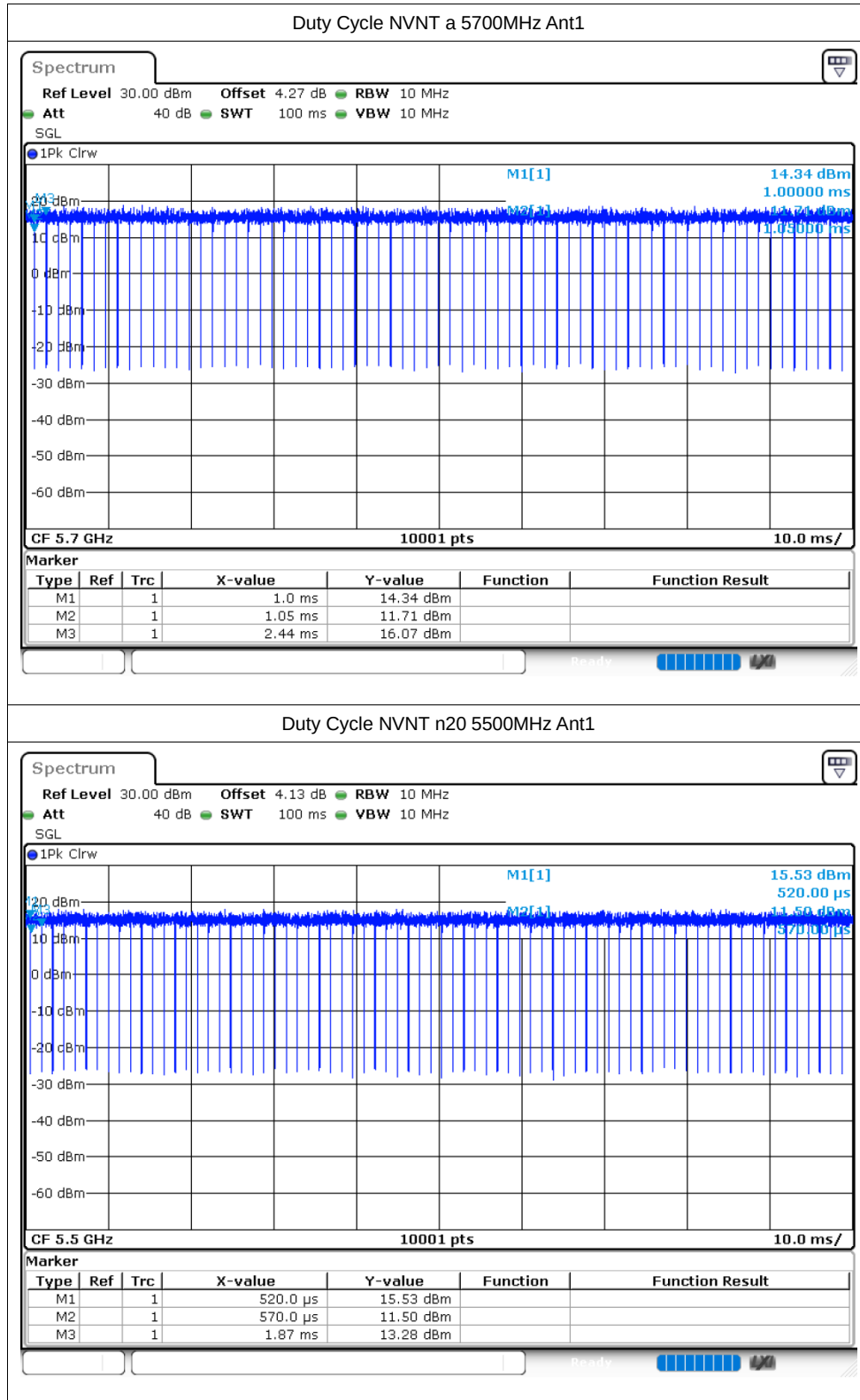
Test Graphs

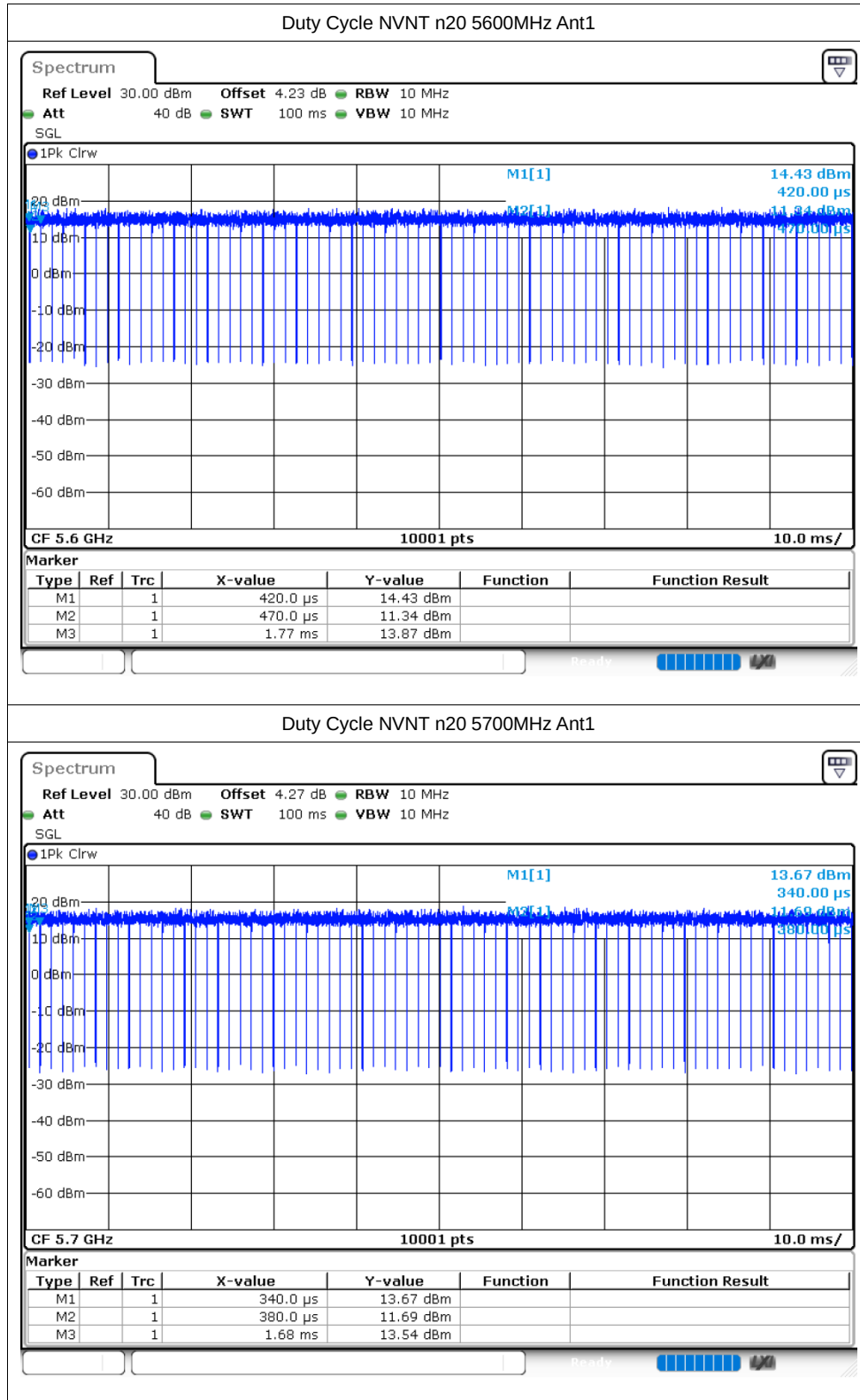
Duty Cycle NVNT a 5500MHz Ant1

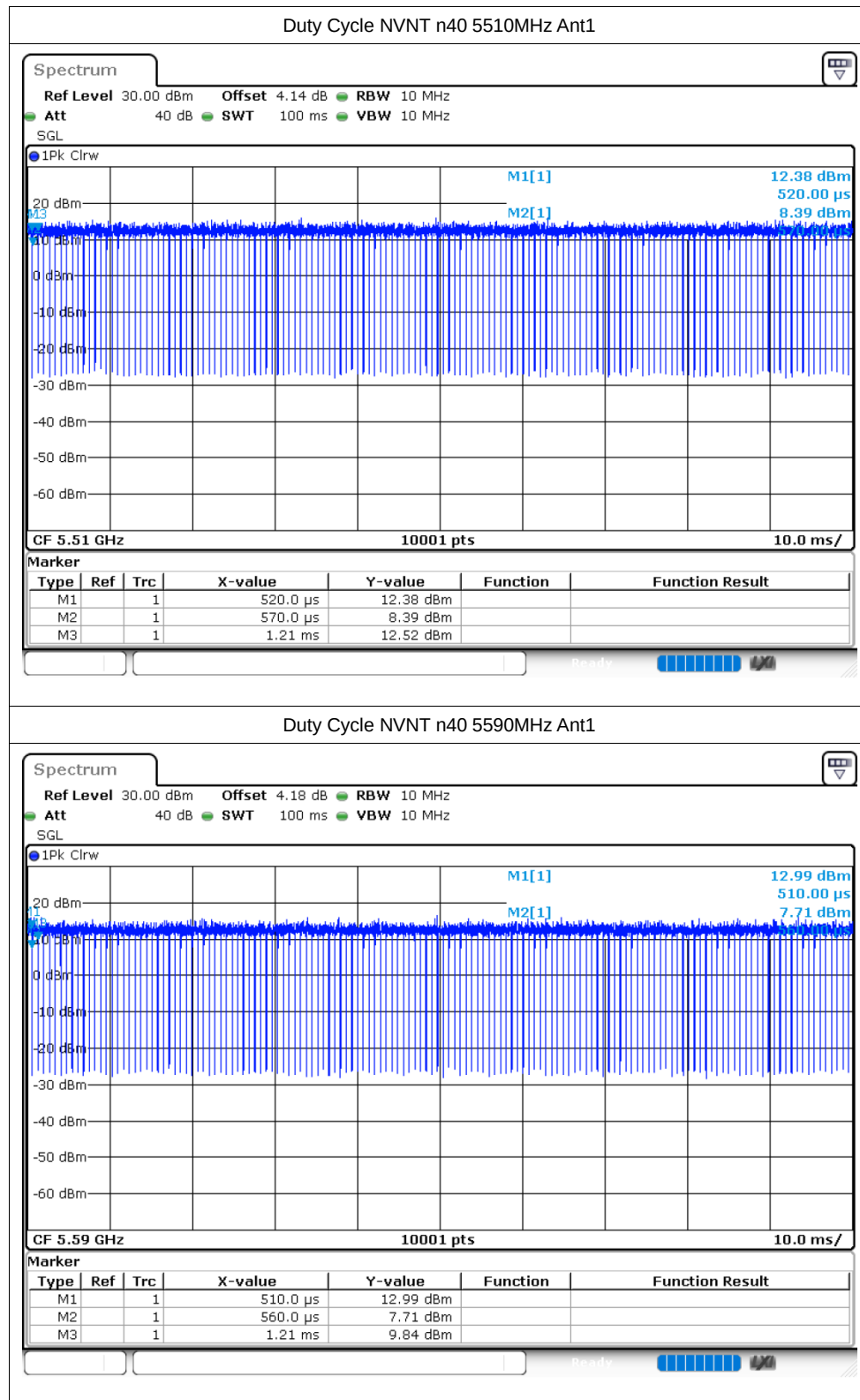


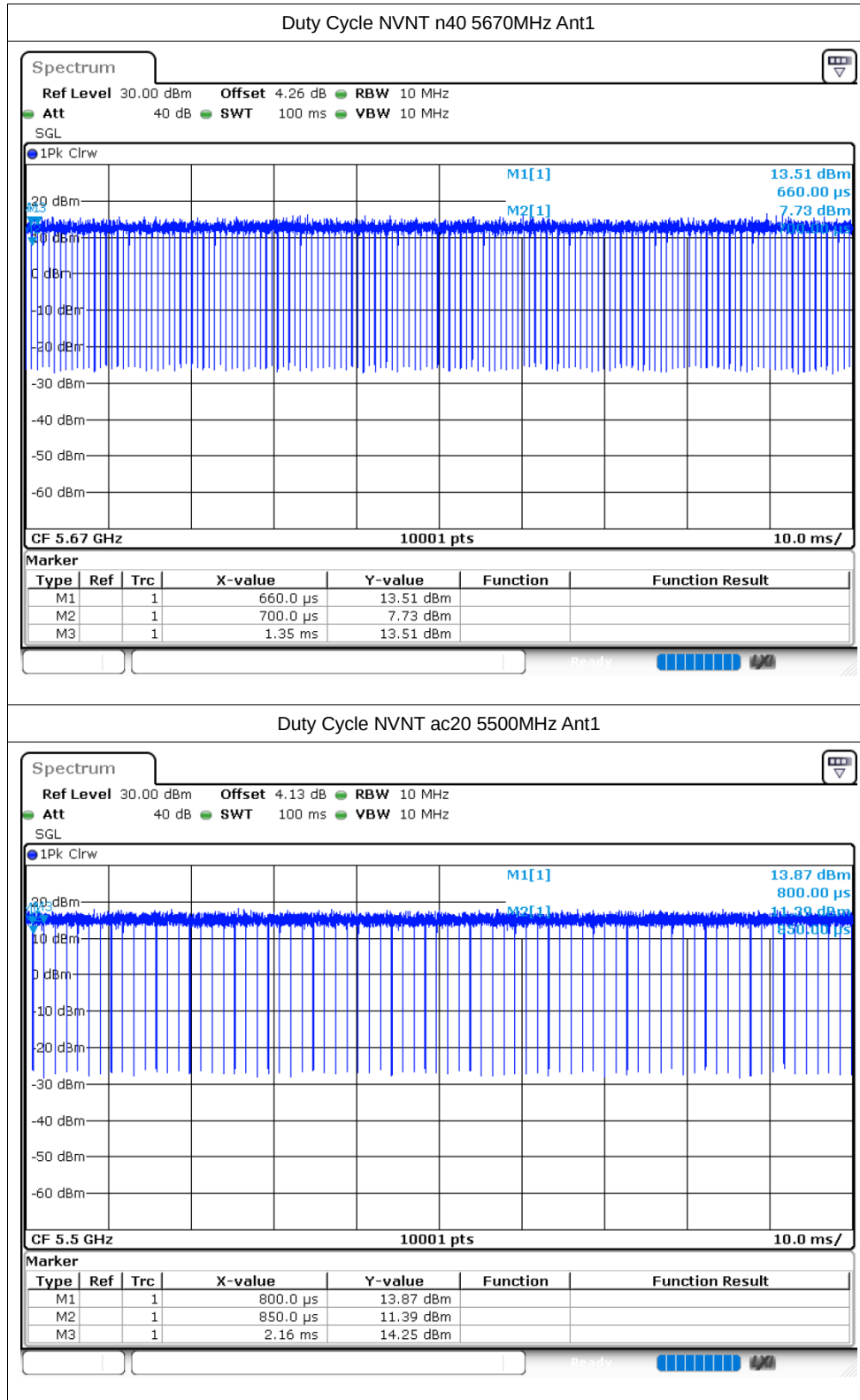
Duty Cycle NVNT a 5600MHz Ant1

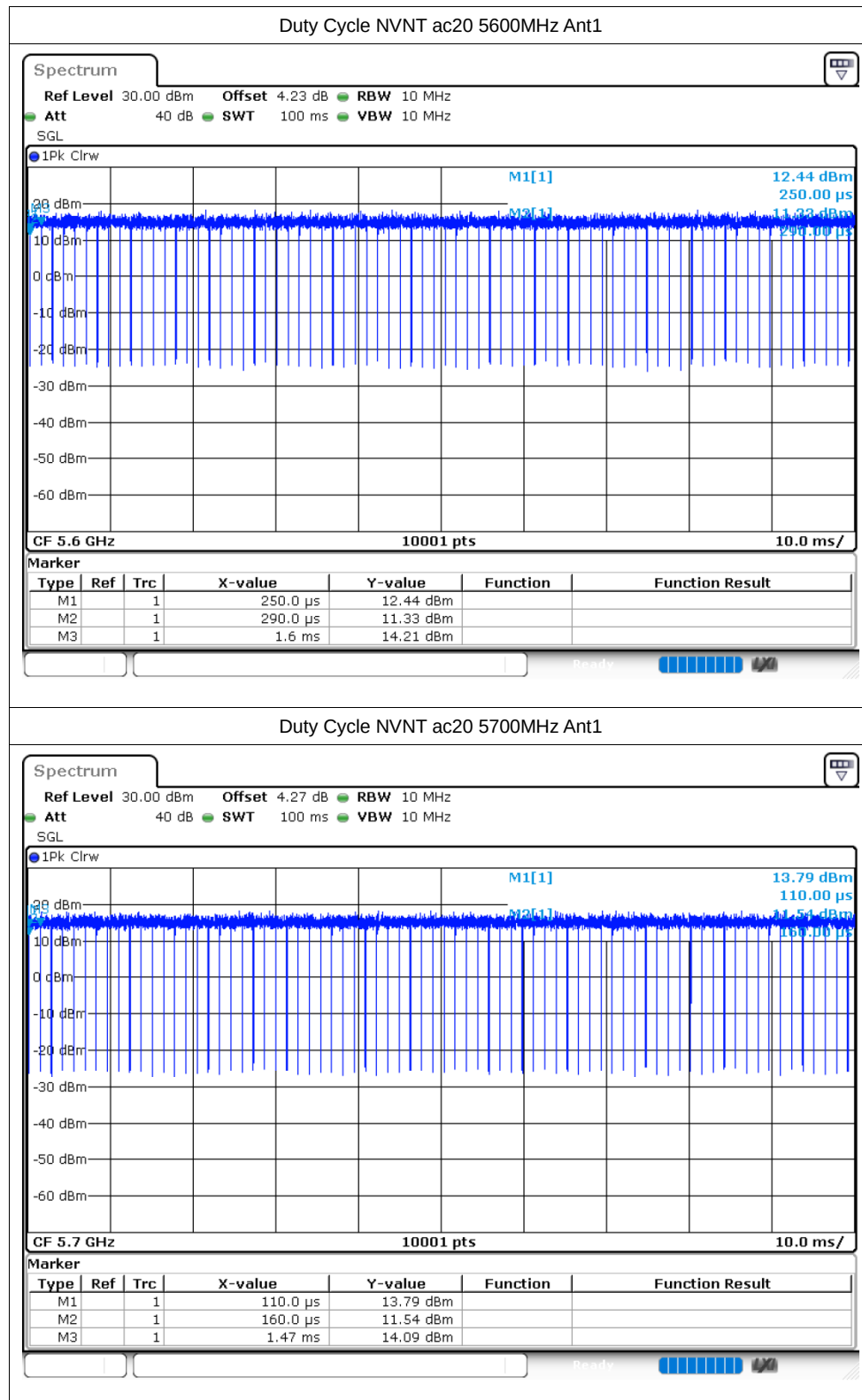


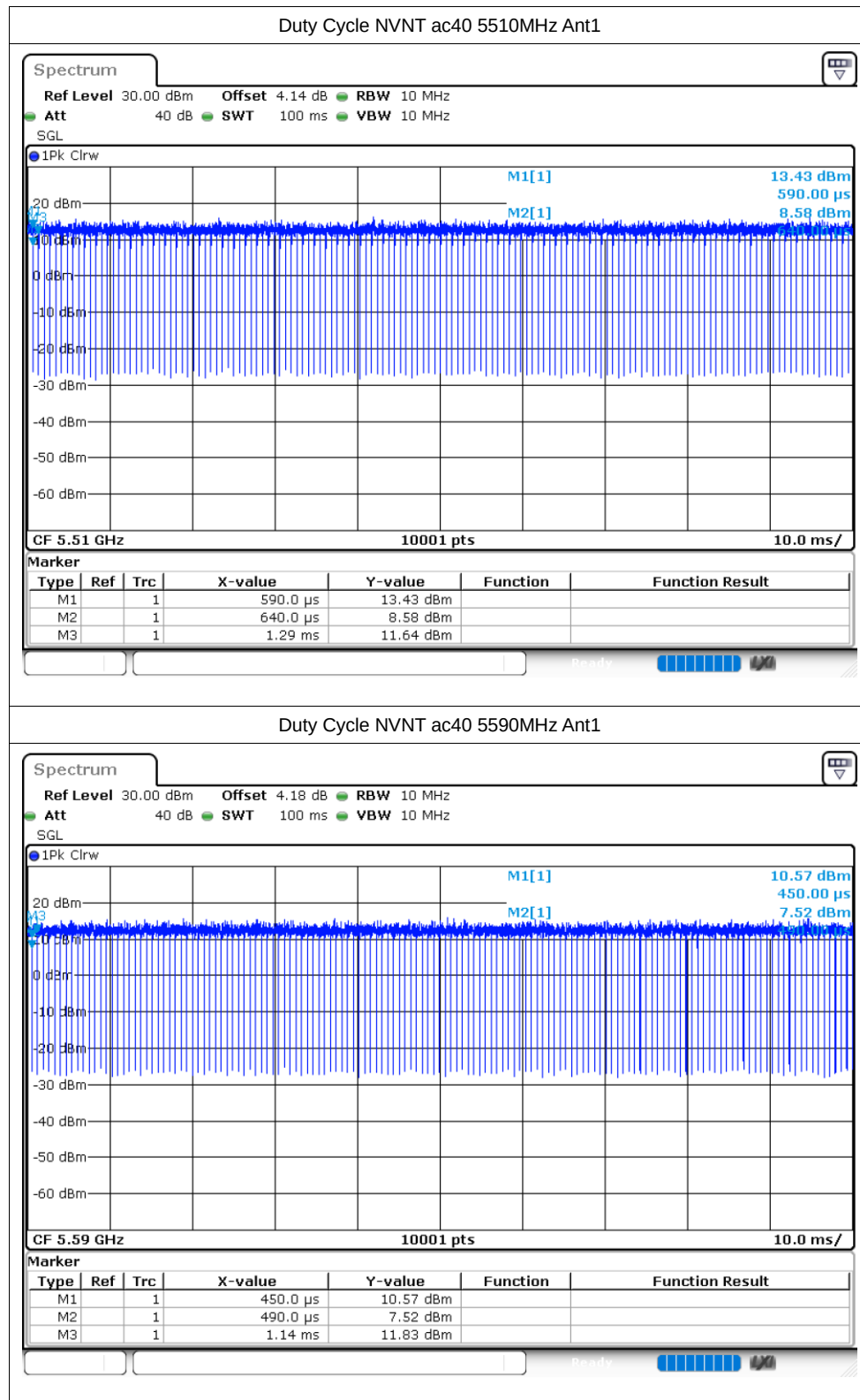


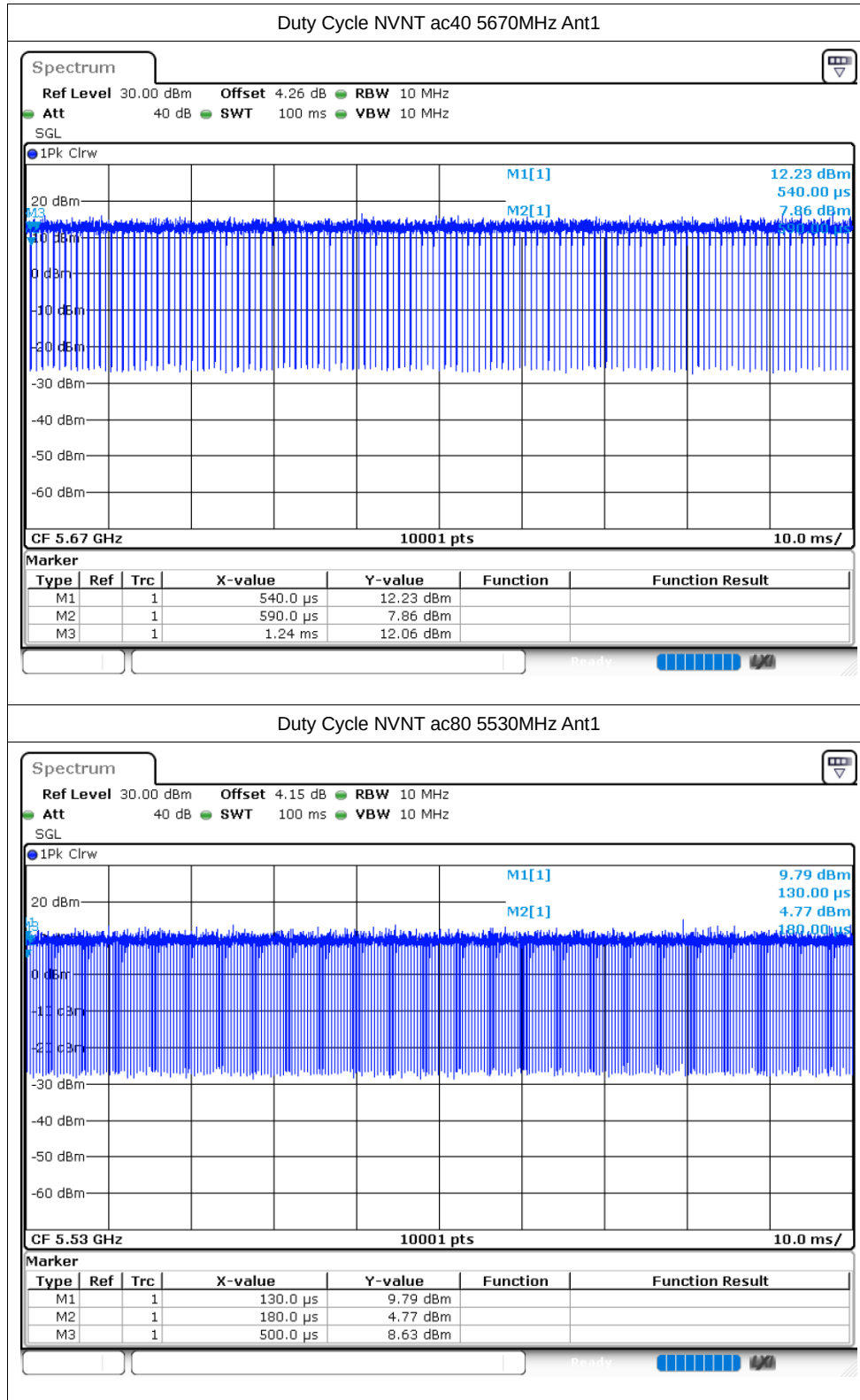


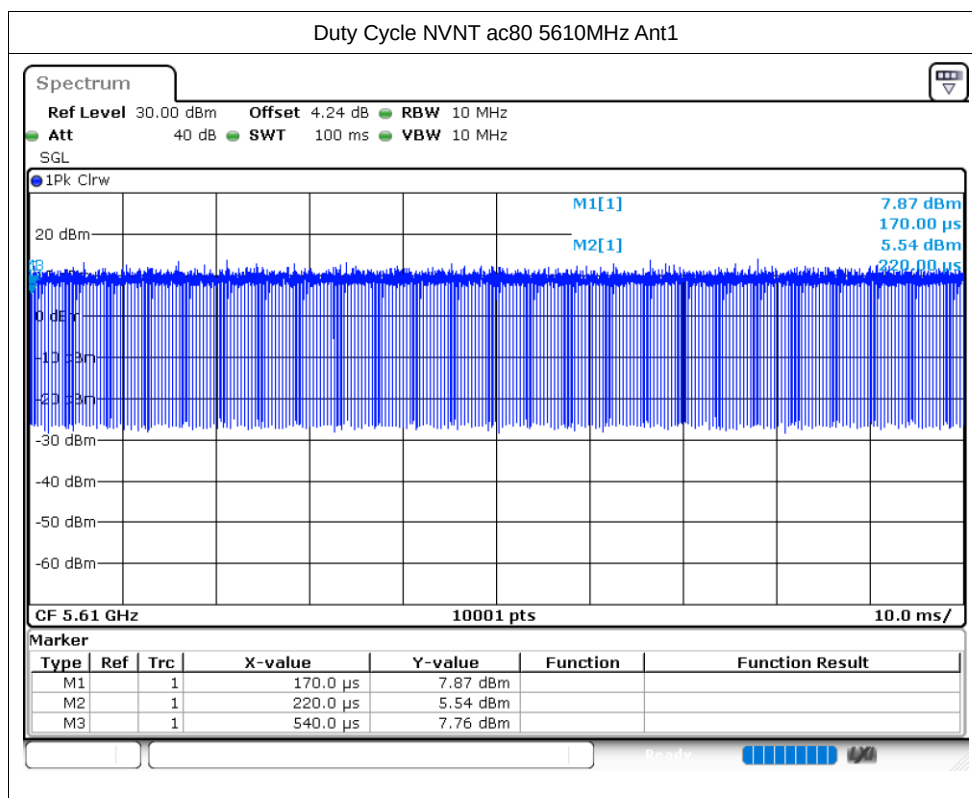












Maximum Conducted Output Power

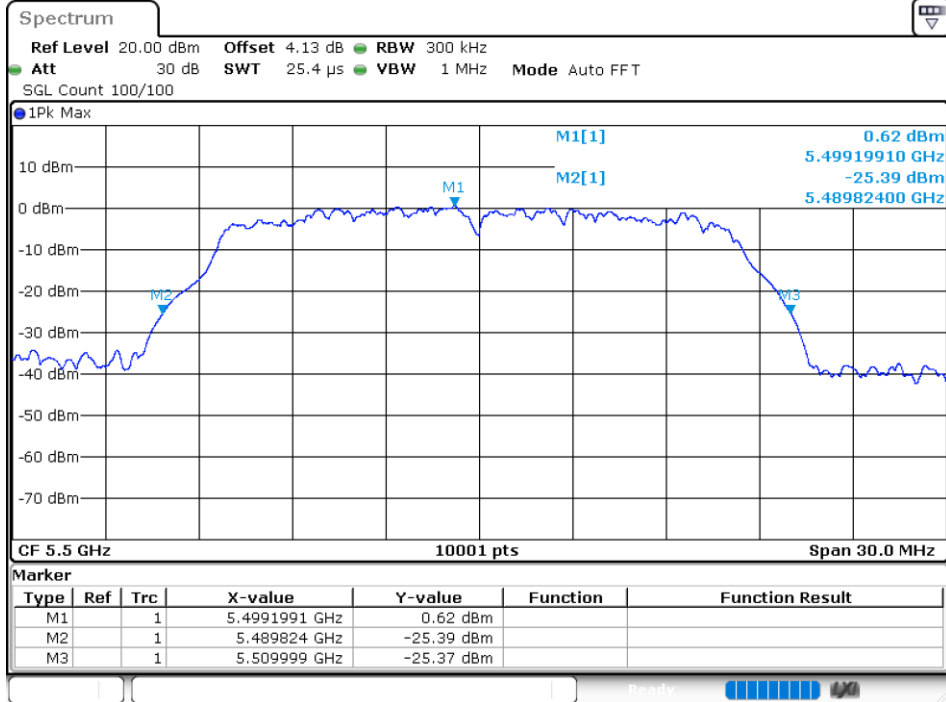
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	10.43	24	Pass
NVNT	a	5600	Ant1	9.69	24	Pass
NVNT	a	5700	Ant1	10.43	24	Pass
NVNT	n20	5500	Ant1	10.25	24	Pass
NVNT	n20	5600	Ant1	9.41	24	Pass
NVNT	n20	5700	Ant1	10.38	24	Pass
NVNT	n40	5510	Ant1	10.12	24	Pass
NVNT	n40	5590	Ant1	9.59	24	Pass
NVNT	n40	5670	Ant1	10.37	24	Pass
NVNT	ac20	5500	Ant1	10.31	24	Pass
NVNT	ac20	5600	Ant1	9.56	24	Pass
NVNT	ac20	5700	Ant1	10.37	24	Pass
NVNT	ac40	5510	Ant1	9.95	24	Pass
NVNT	ac40	5590	Ant1	9.31	24	Pass
NVNT	ac40	5670	Ant1	10.29	24	Pass
NVNT	ac80	5530	Ant1	9.87	24	Pass
NVNT	ac80	5610	Ant1	9.7	24	Pass

-26dB Bandwidth

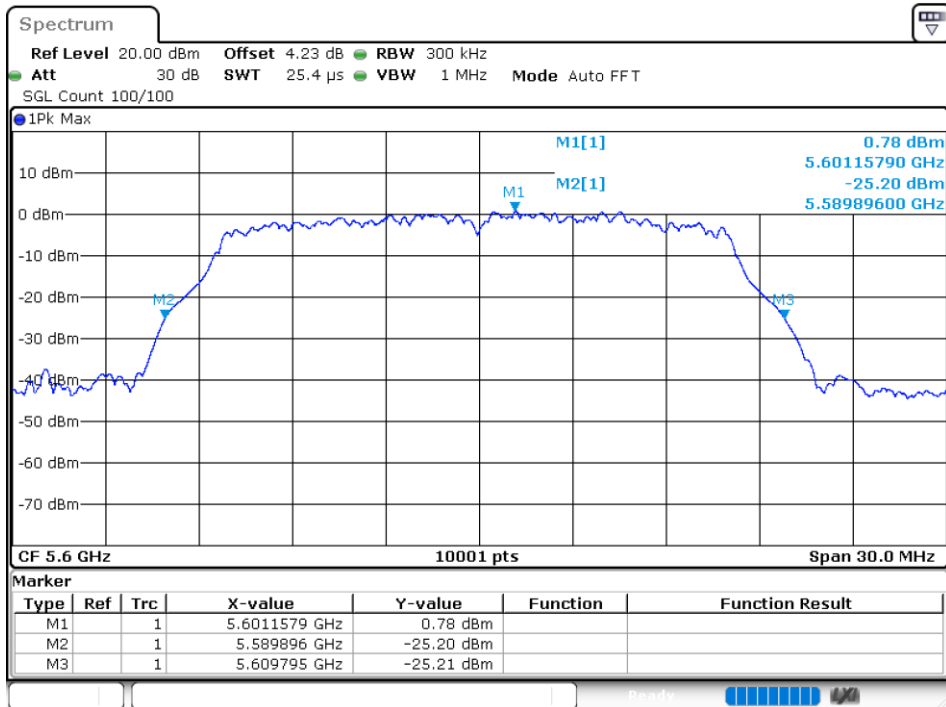
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	20.175	Pass
NVNT	a	5600	Ant1	19.899	Pass
NVNT	a	5700	Ant1	19.95	Pass
NVNT	n20	5500	Ant1	20.397	Pass
NVNT	n20	5600	Ant1	19.896	Pass
NVNT	n20	5700	Ant1	20.295	Pass
NVNT	n40	5510	Ant1	41.082	Pass
NVNT	n40	5590	Ant1	40.692	Pass
NVNT	n40	5670	Ant1	40.974	Pass
NVNT	ac20	5500	Ant1	20.265	Pass
NVNT	ac20	5600	Ant1	20.19	Pass
NVNT	ac20	5700	Ant1	19.971	Pass
NVNT	ac40	5510	Ant1	40.914	Pass
NVNT	ac40	5590	Ant1	40.758	Pass
NVNT	ac40	5670	Ant1	40.758	Pass
NVNT	ac80	5530	Ant1	83.892	Pass
NVNT	ac80	5610	Ant1	80.952	Pass

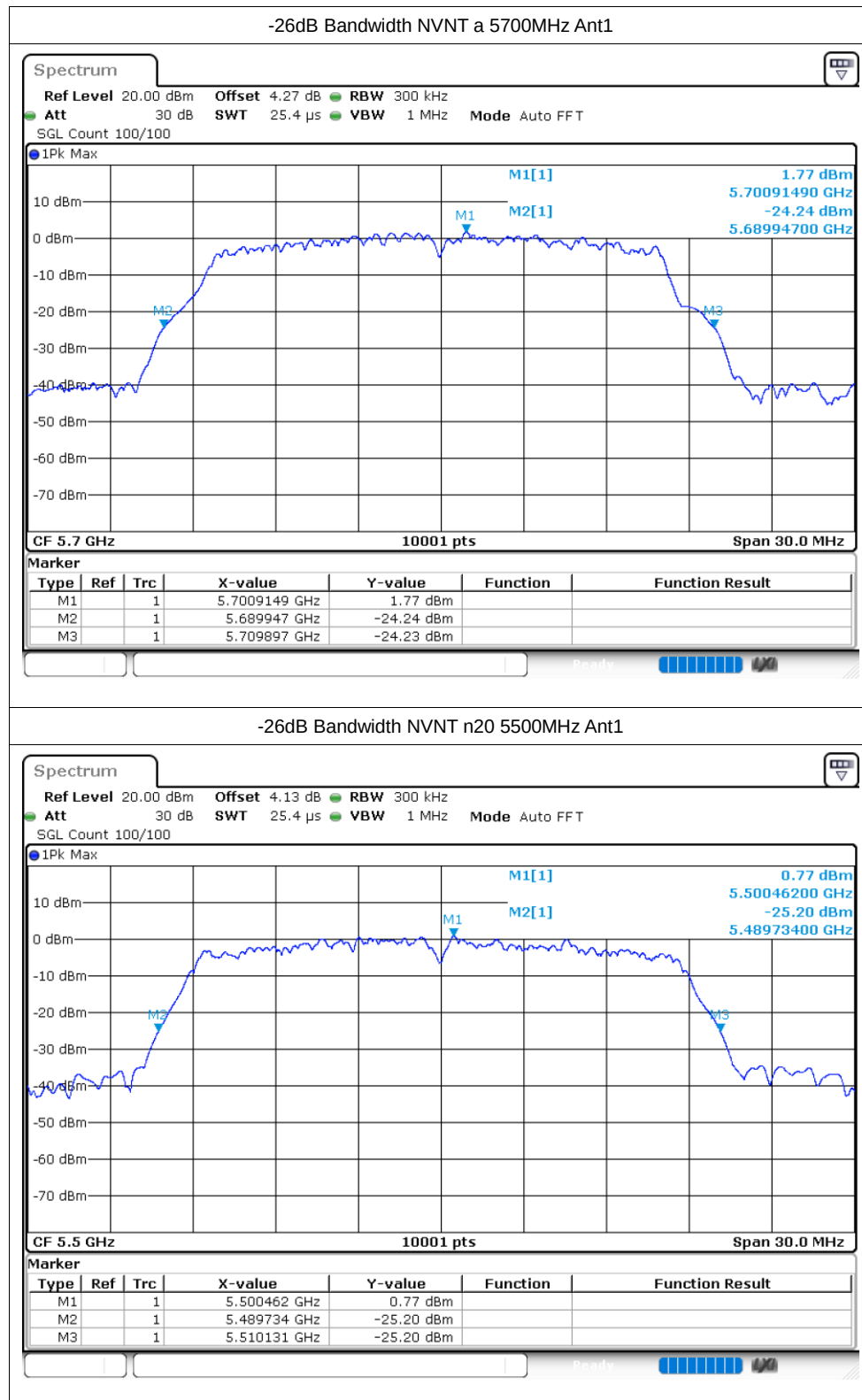
Test Graphs

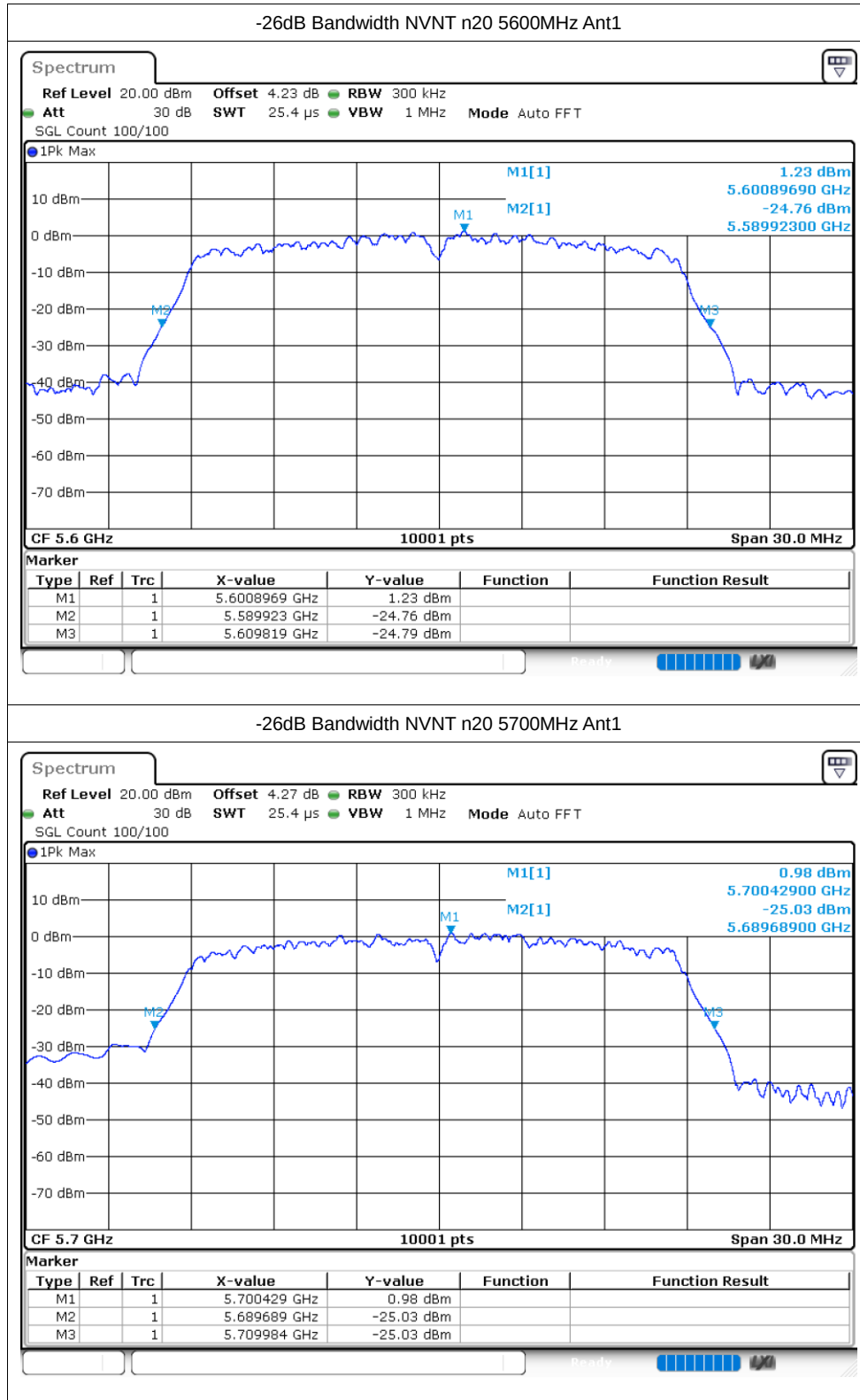
-26dB Bandwidth NVNT a 5500MHz Ant1



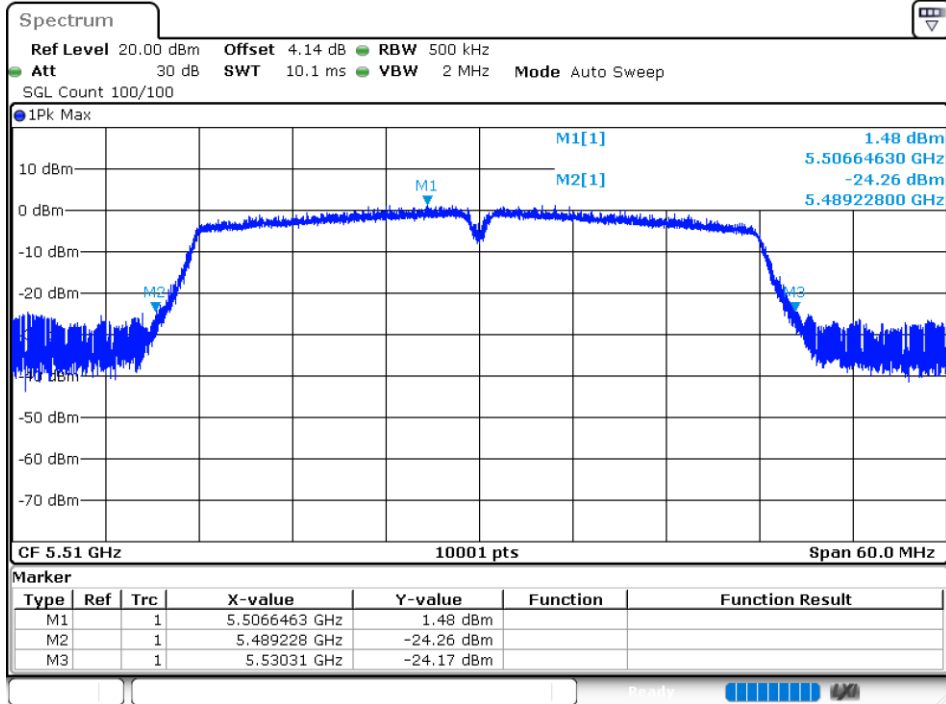
-26dB Bandwidth NVNT a 5600MHz Ant1



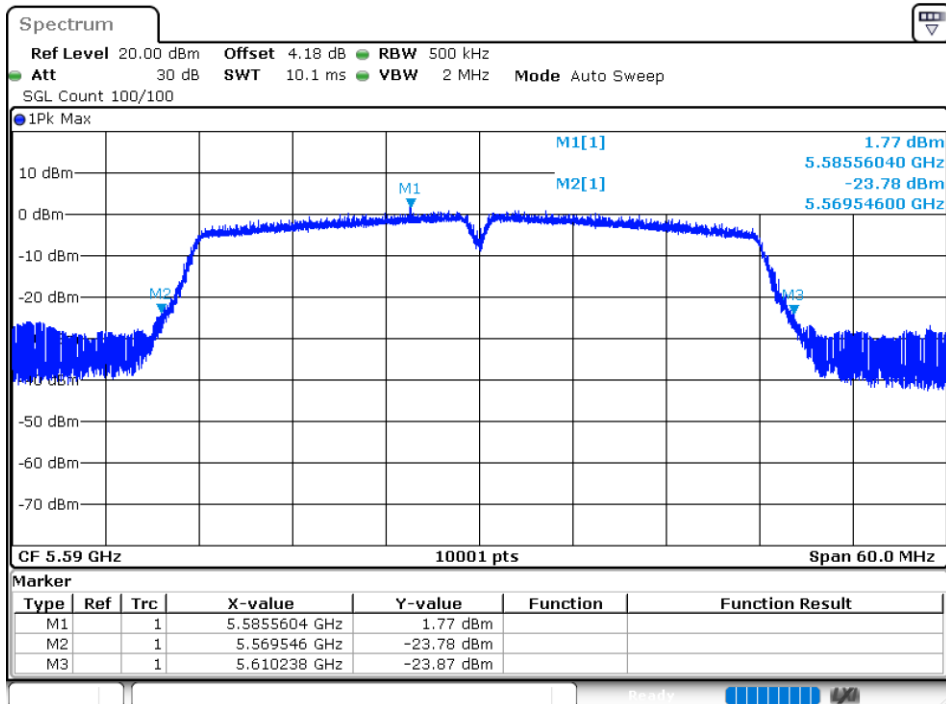


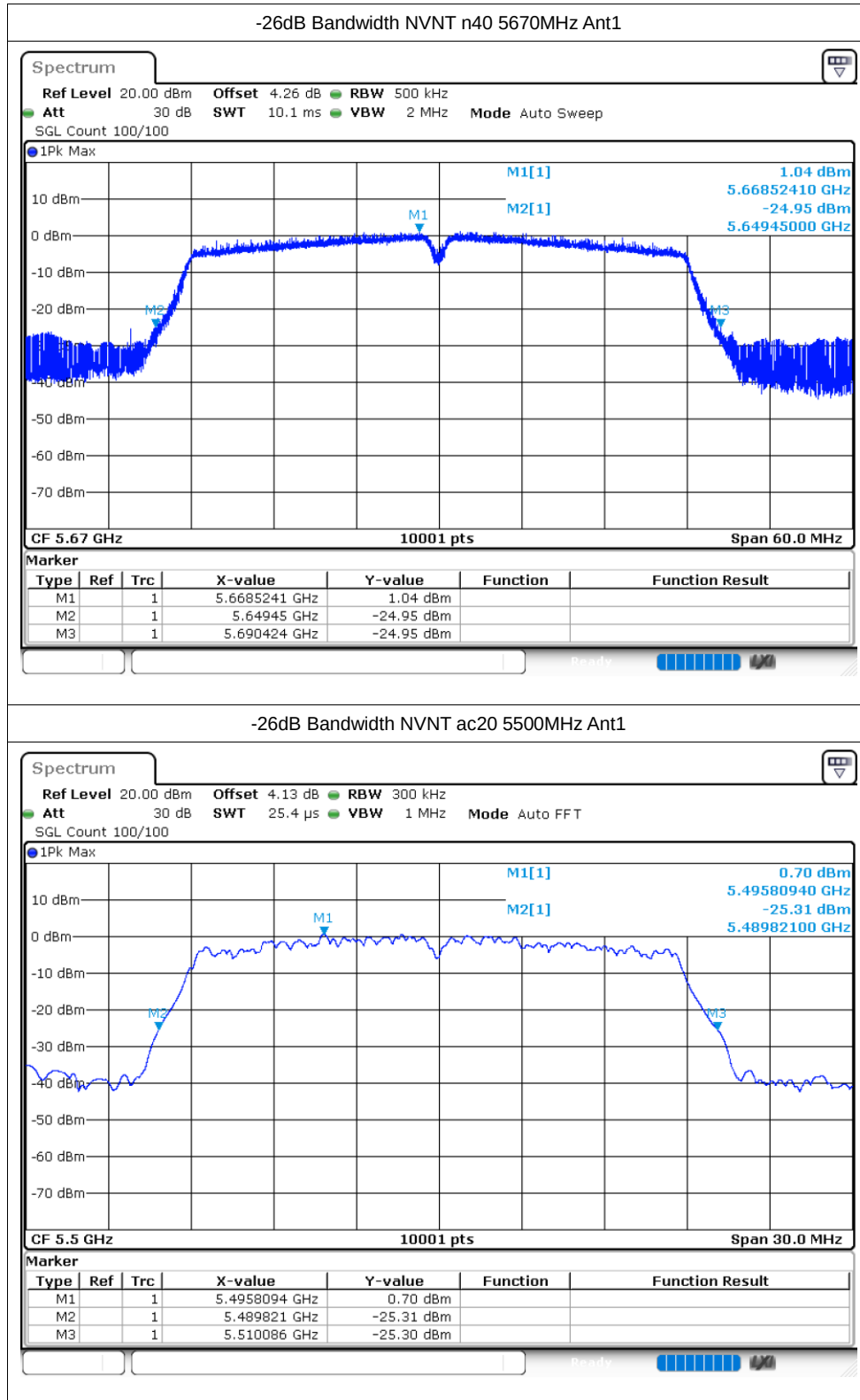


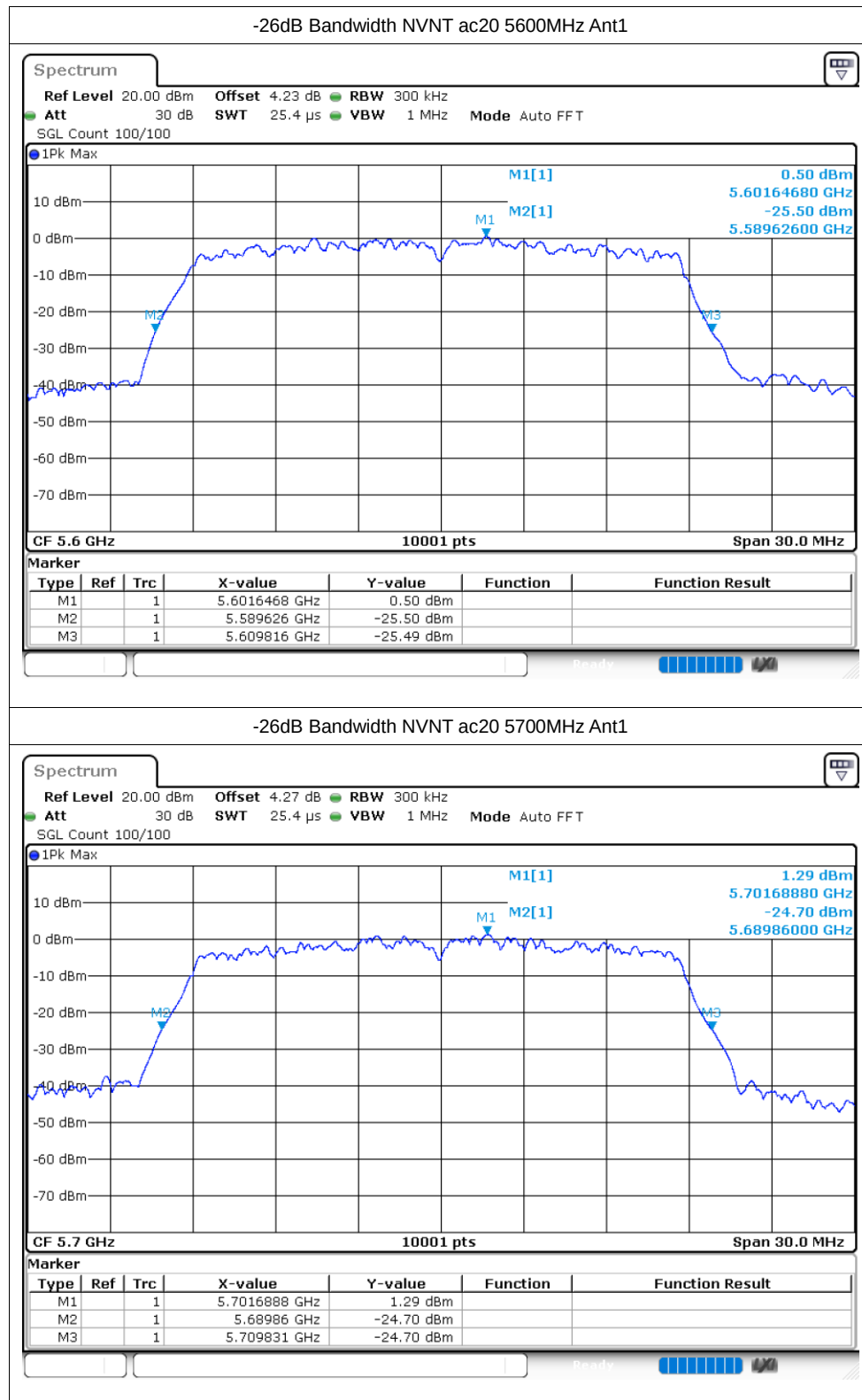
-26dB Bandwidth NVNT n40 5510MHz Ant1



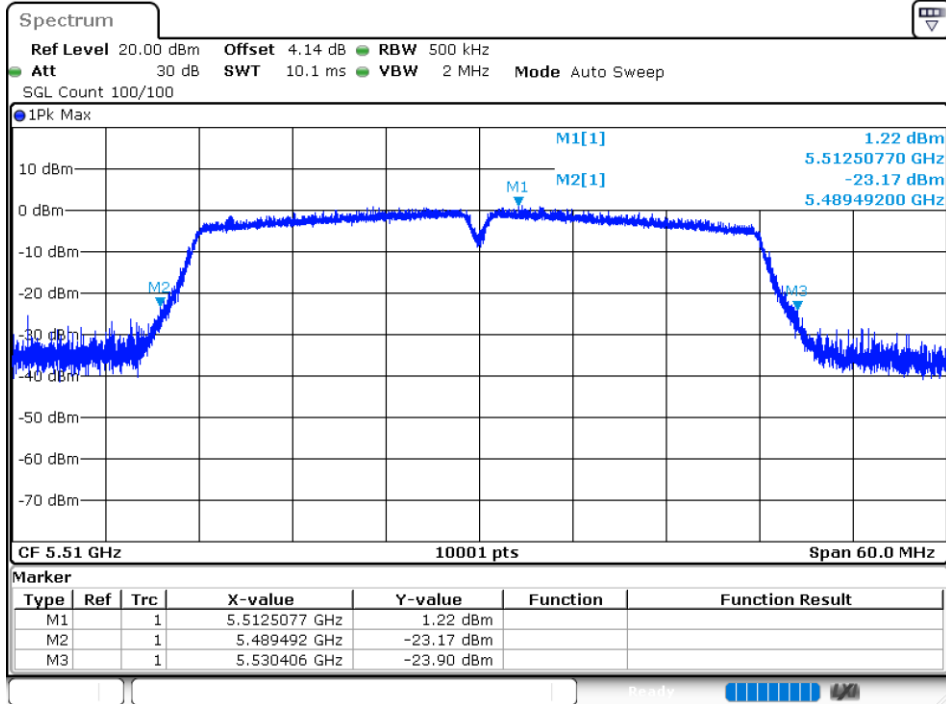
-26dB Bandwidth NVNT n40 5590MHz Ant1



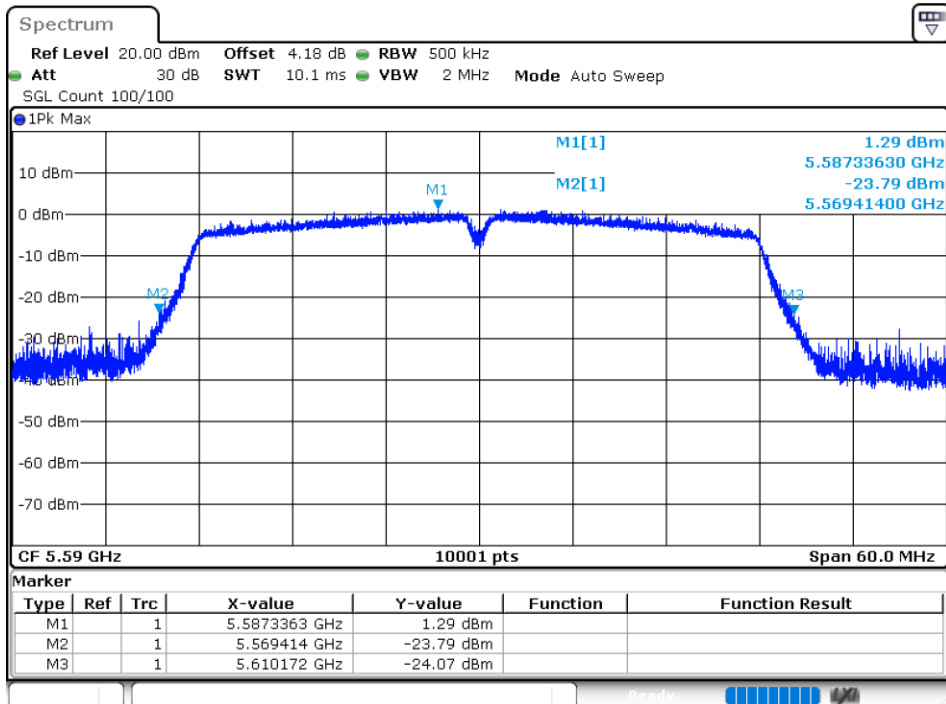


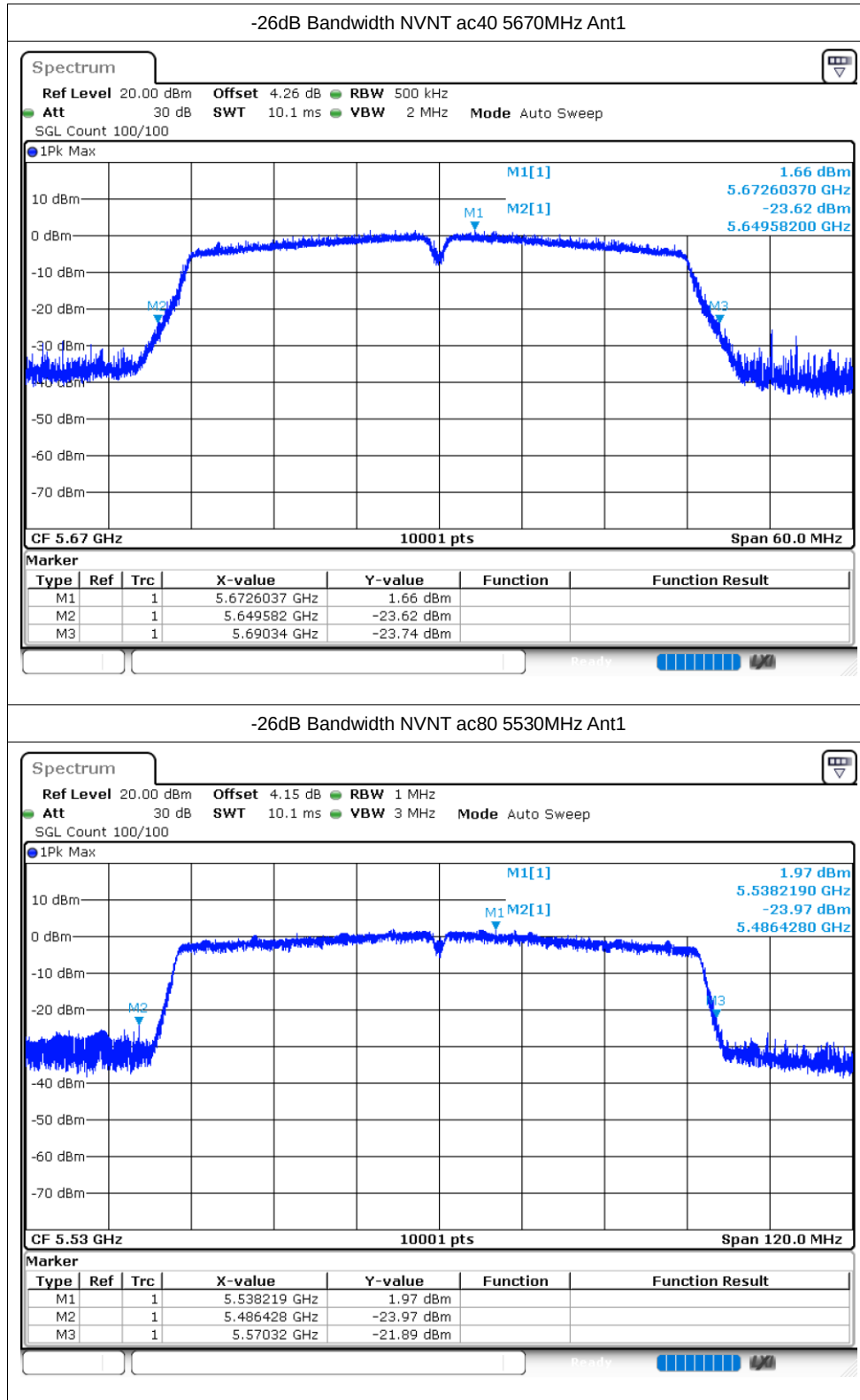


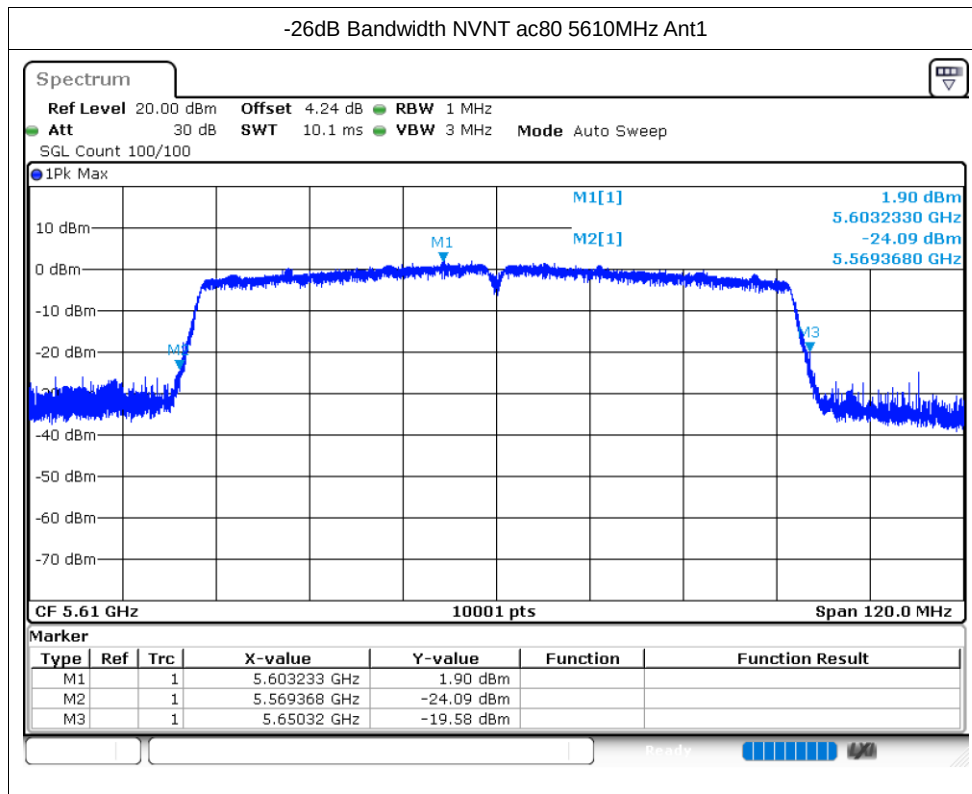
-26dB Bandwidth NVNT ac40 5510MHz Ant1



-26dB Bandwidth NVNT ac40 5590MHz Ant1





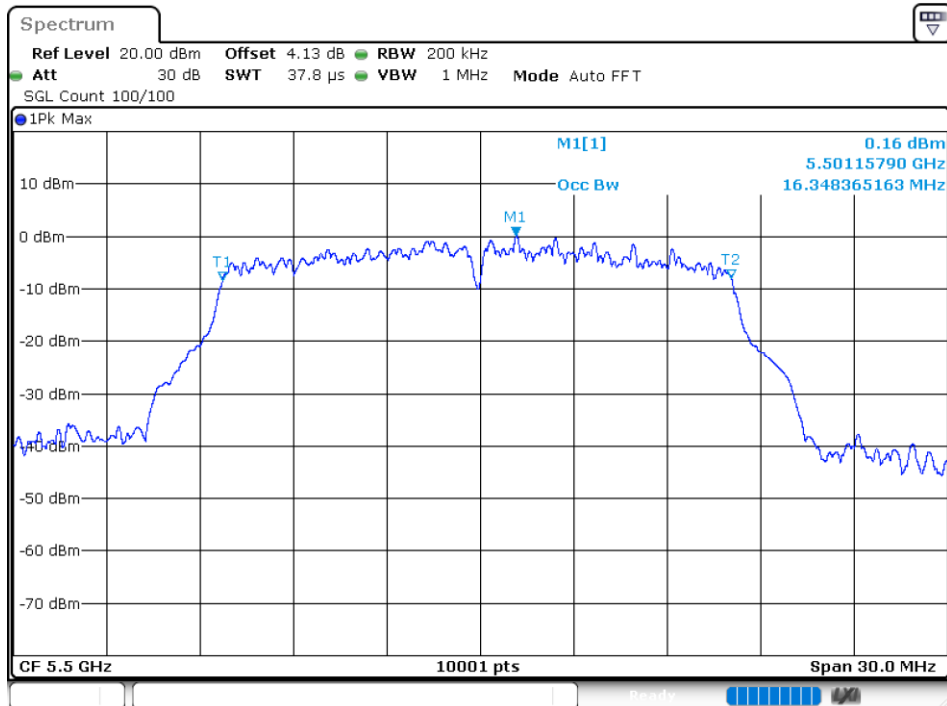


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.348
NVNT	a	5600	Ant1	16.498
NVNT	a	5700	Ant1	16.318
NVNT	n20	5500	Ant1	17.545
NVNT	n20	5600	Ant1	17.527
NVNT	n20	5700	Ant1	17.485
NVNT	n40	5510	Ant1	36.104
NVNT	n40	5590	Ant1	36.038
NVNT	n40	5670	Ant1	36.014
NVNT	ac20	5500	Ant1	17.527
NVNT	ac20	5600	Ant1	17.491
NVNT	ac20	5700	Ant1	17.497
NVNT	ac40	5510	Ant1	36.056
NVNT	ac40	5590	Ant1	36.032
NVNT	ac40	5670	Ant1	35.99
NVNT	ac80	5530	Ant1	75.268
NVNT	ac80	5610	Ant1	75.232

Test Graphs

OBW NVNT a 5500MHz Ant1



OBW NVNT a 5600MHz Ant1

