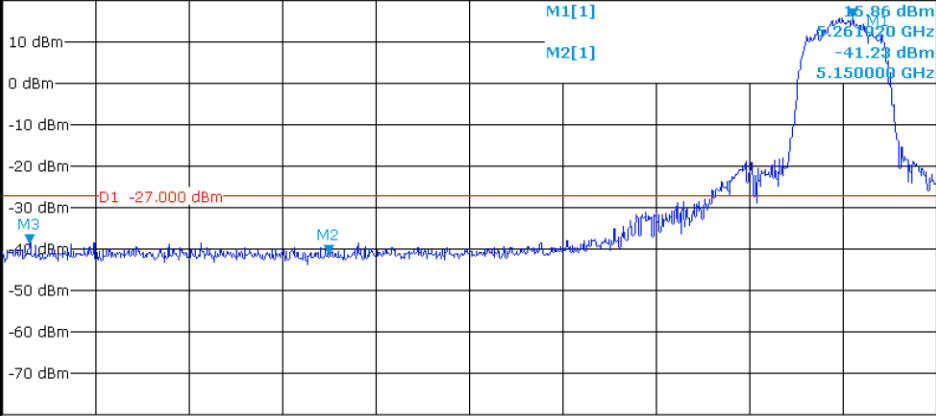


Band Edge NVNT n20 5260MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 8.96 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

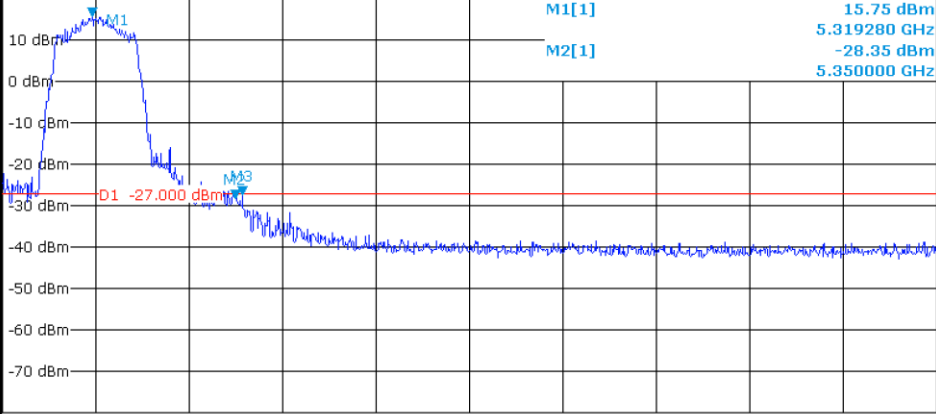
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.26192 GHz	15.86 dBm		
M2	1		5.15 GHz	-41.23 dBm		
M3	1		5.0858 GHz	-38.56 dBm		

Band Edge NVNT n20 5320MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 9.00 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

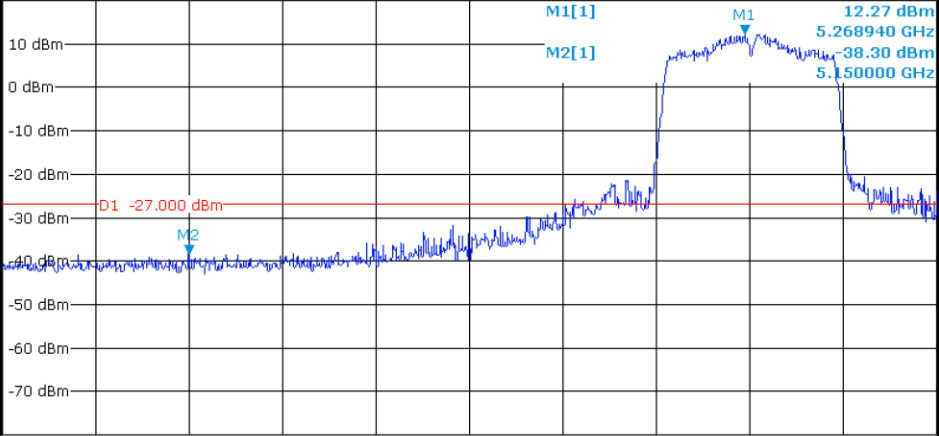
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.31928 GHz	15.75 dBm		
M2	1		5.35 GHz	-28.35 dBm		
M3	1		5.3514 GHz	-27.46 dBm		

Band Edge NVNT n40 5270MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 8.96 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

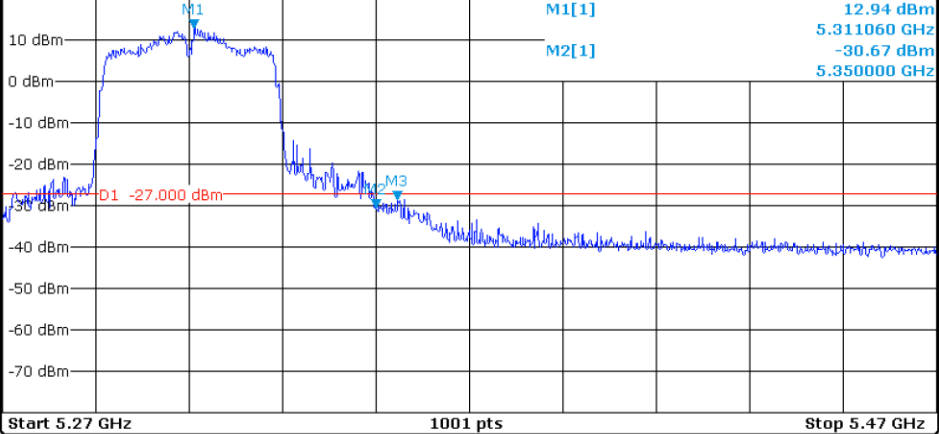
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.26894 GHz	12.27 dBm		
M2		1	5.15 GHz	-38.30 dBm		

Band Edge NVNT n40 5310MHz High Ant1

Spectrum

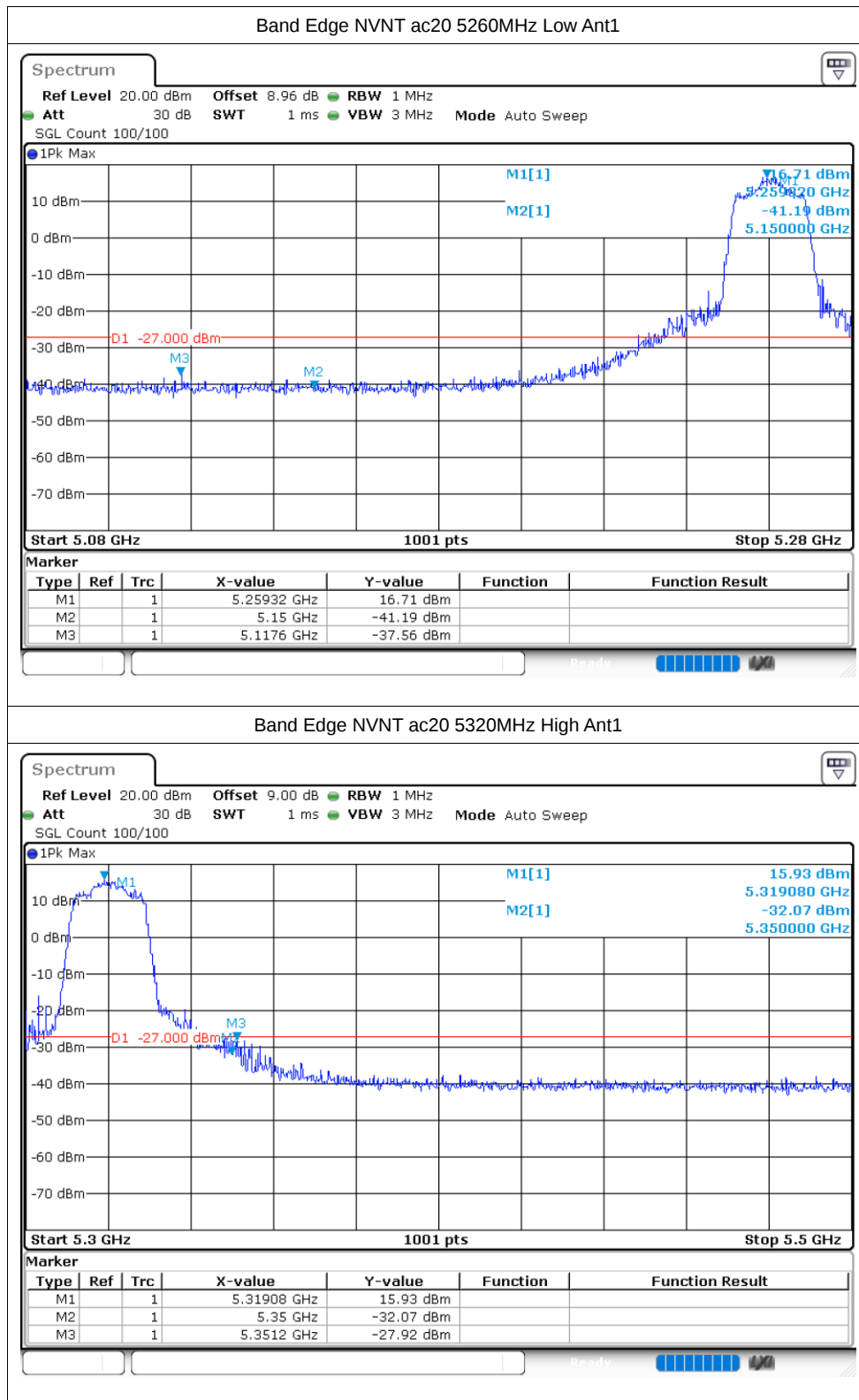
Ref Level 20.00 dBm Offset 8.99 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max

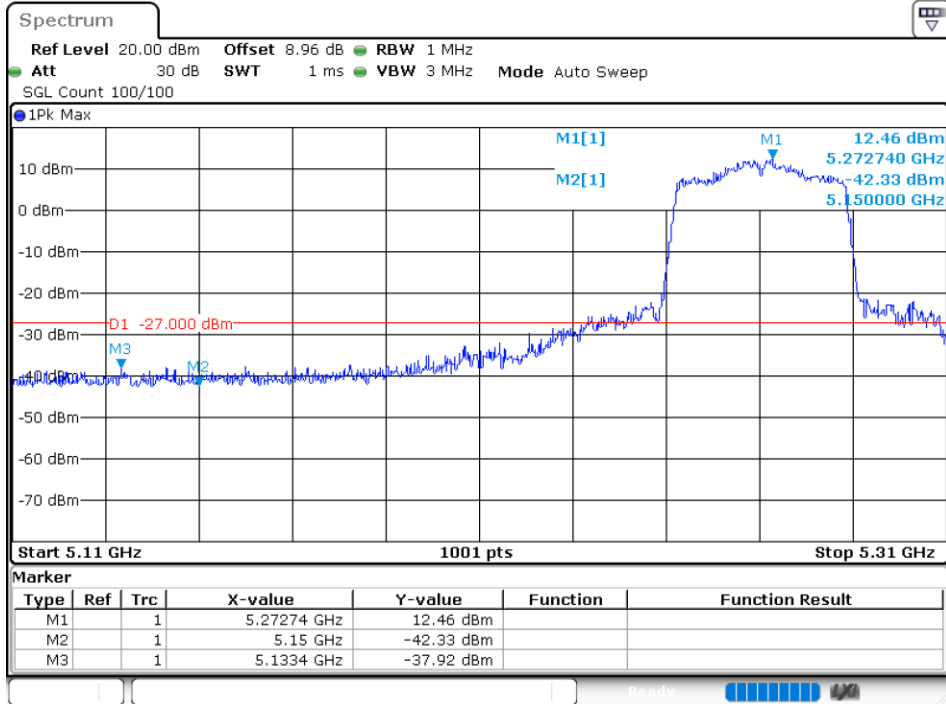


Marker

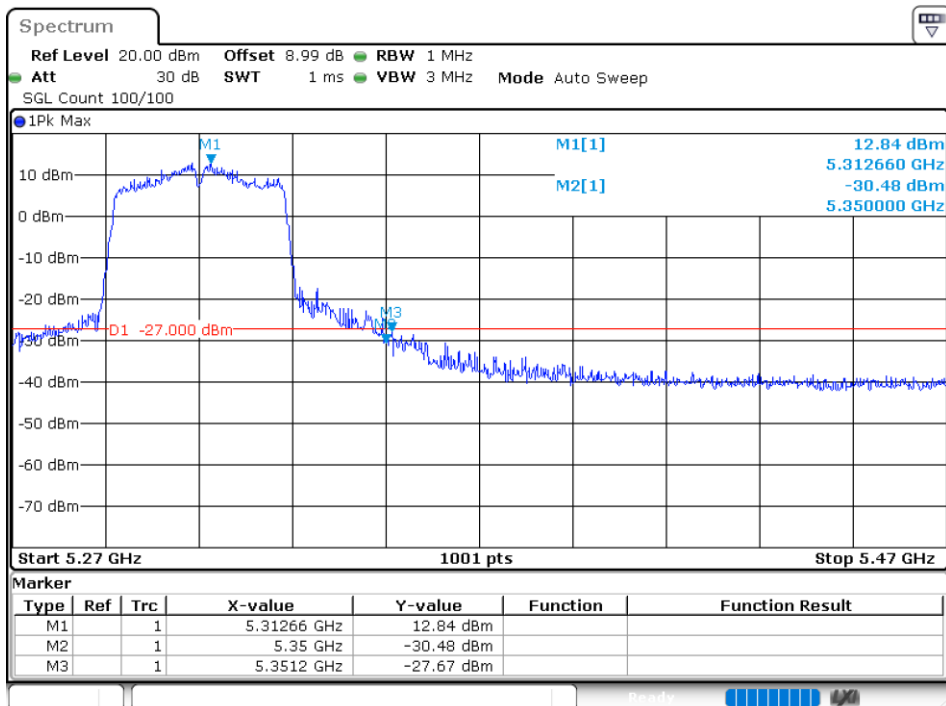
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.31106 GHz	12.94 dBm		
M2		1	5.35 GHz	-30.67 dBm		
M3		1	5.3546 GHz	-28.50 dBm		



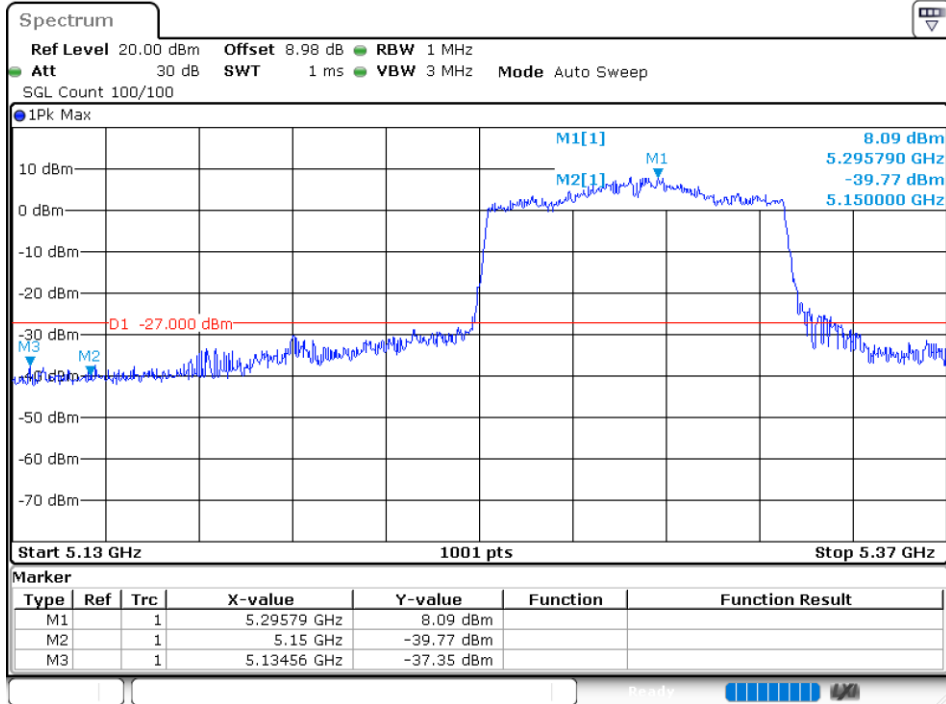
Band Edge NVNT ac40 5270MHz Low Ant1



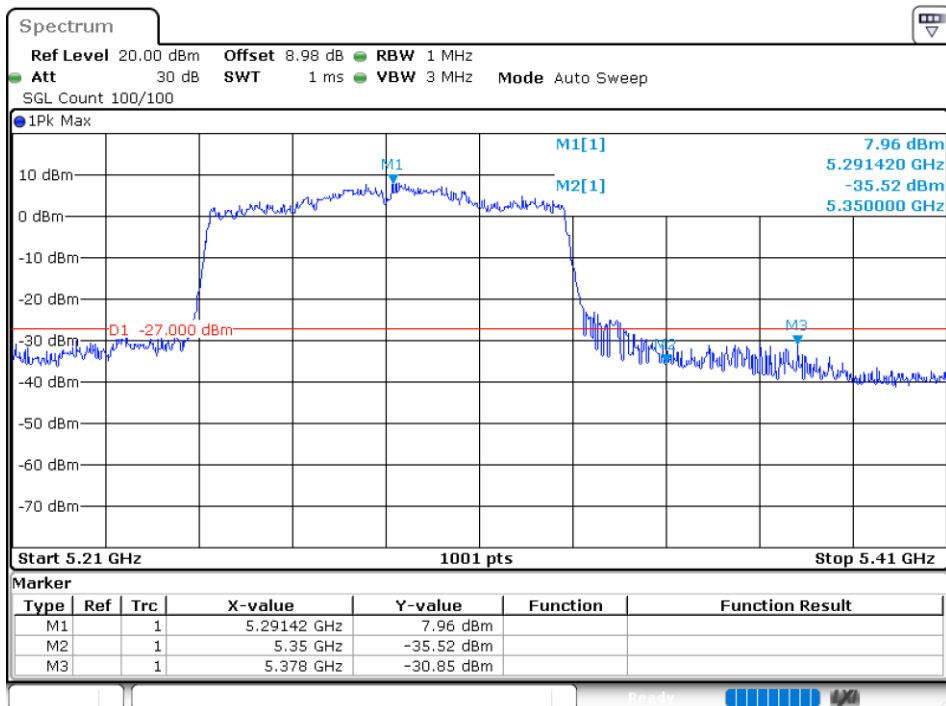
Band Edge NVNT ac40 5310MHz High Ant1



Band Edge NVNT ac80 5290MHz Low Ant1



Band Edge NVNT ac80 5290MHz High Ant1

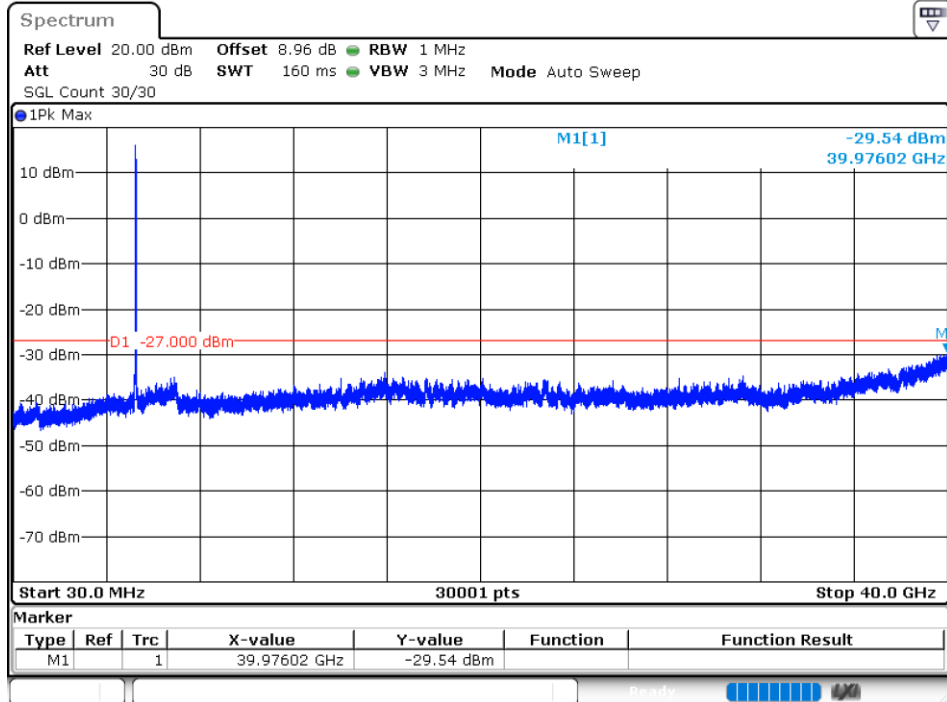


Conducted RF Spurious Emission

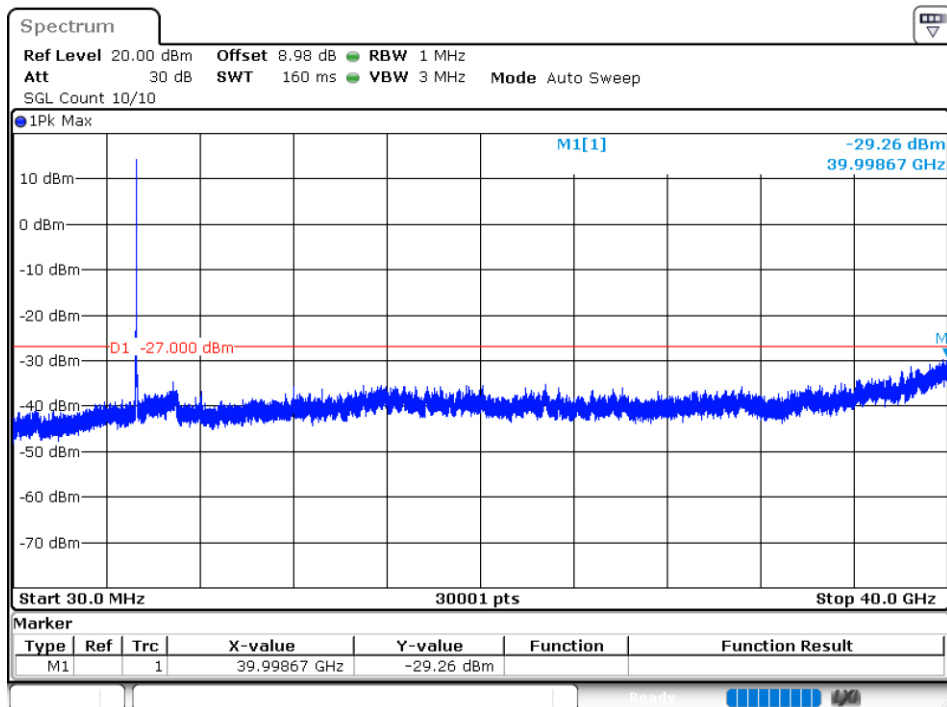
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-29.53	-27	Pass
NVNT	a	5280	Ant1	-29.26	-27	Pass
NVNT	a	5320	Ant1	-30.05	-27	Pass
NVNT	n20	5260	Ant1	-29.43	-27	Pass
NVNT	n20	5280	Ant1	-29.78	-27	Pass
NVNT	n20	5320	Ant1	-29.69	-27	Pass
NVNT	n40	5270	Ant1	-29.35	-27	Pass
NVNT	n40	5310	Ant1	-29.55	-27	Pass
NVNT	ac20	5260	Ant1	-30.39	-27	Pass
NVNT	ac20	5280	Ant1	-29.96	-27	Pass
NVNT	ac20	5320	Ant1	-29.41	-27	Pass
NVNT	ac40	5270	Ant1	-29.75	-27	Pass
NVNT	ac40	5310	Ant1	-28.83	-27	Pass
NVNT	ac80	5290	Ant1	-29.97	-27	Pass

Test Graphs

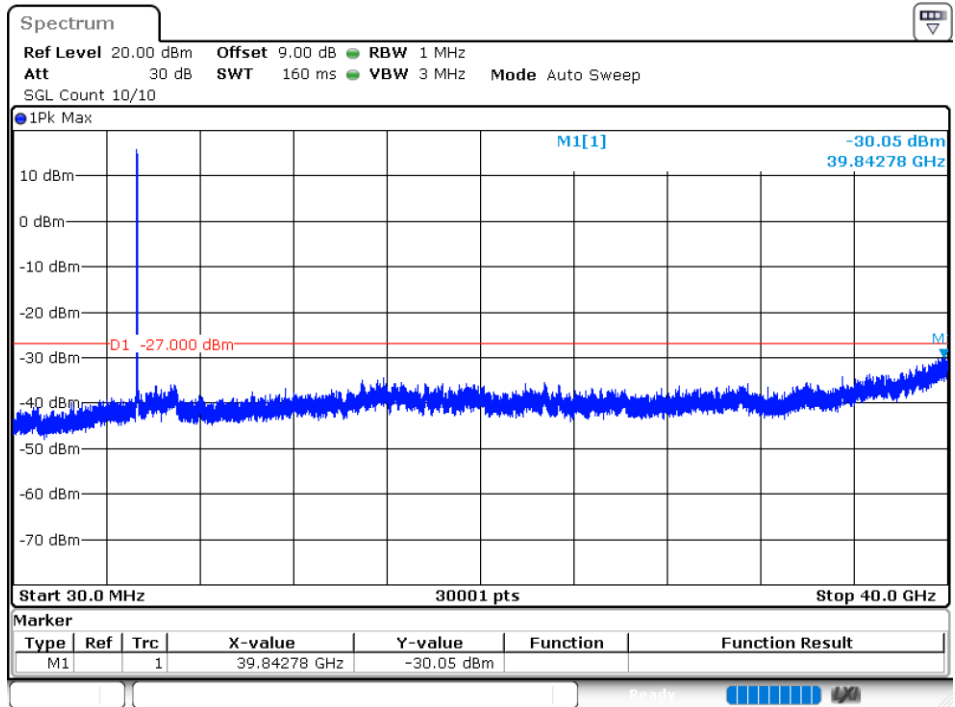
Tx. Spurious NVNT a 5260MHz Ant1 Emission



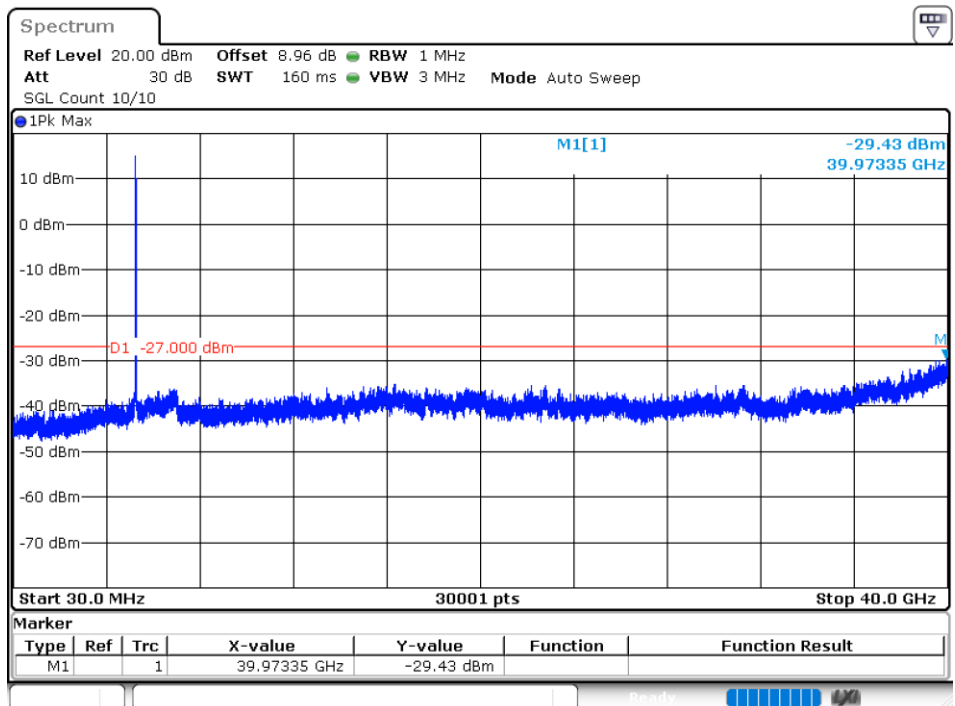
Tx. Spurious NVNT a 5280MHz Ant1 Emission

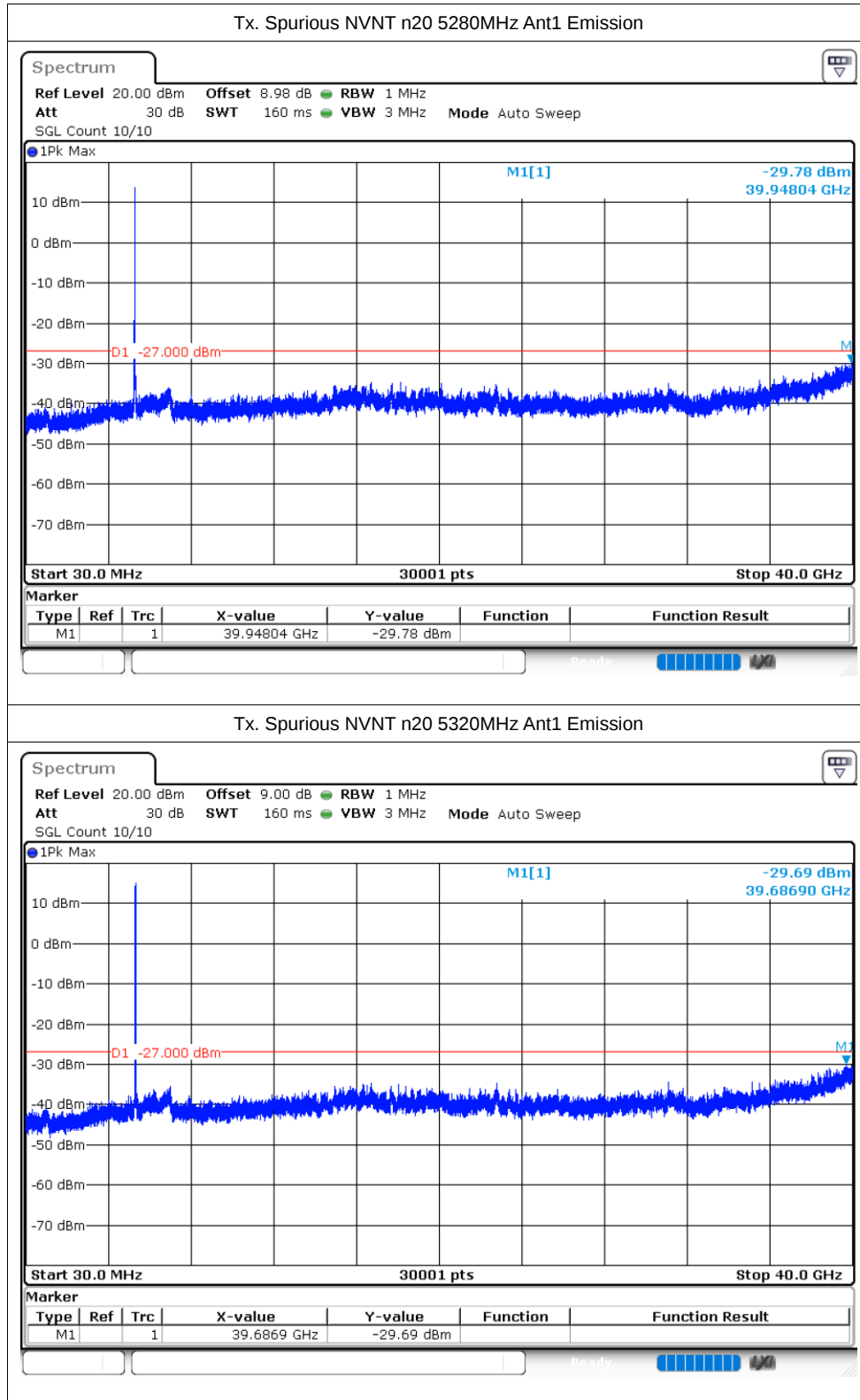


Tx. Spurious NVNT a 5320MHz Ant1 Emission

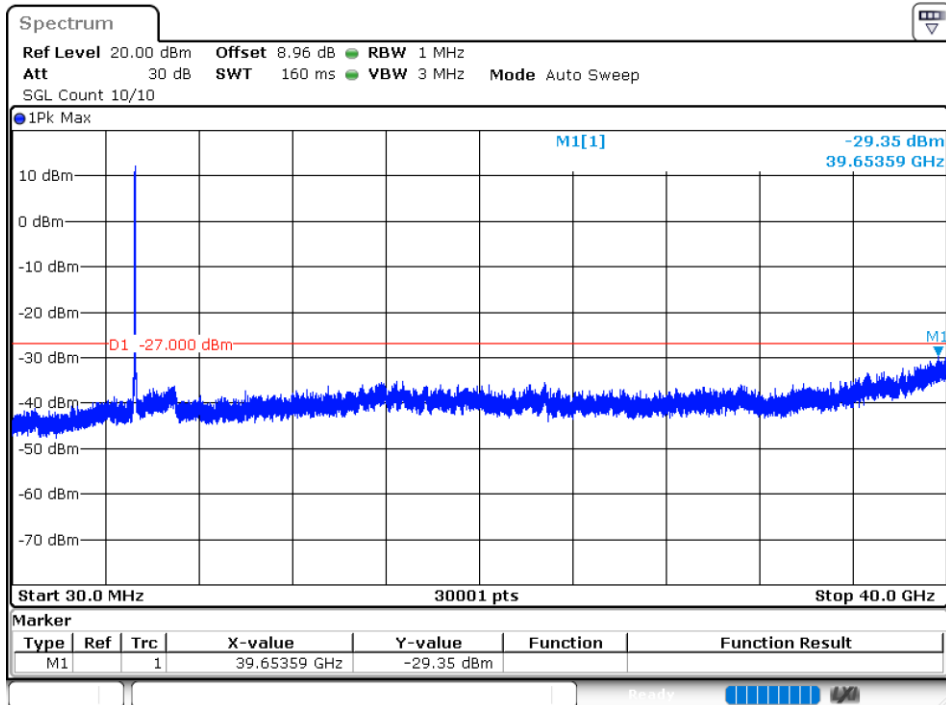


Tx. Spurious NVNT n20 5260MHz Ant1 Emission

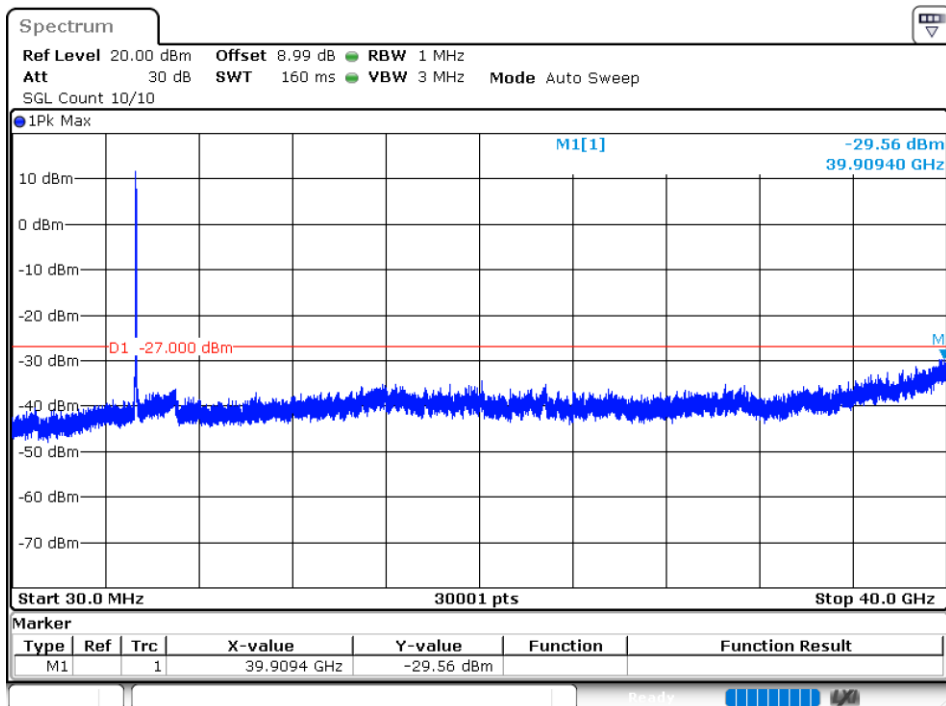




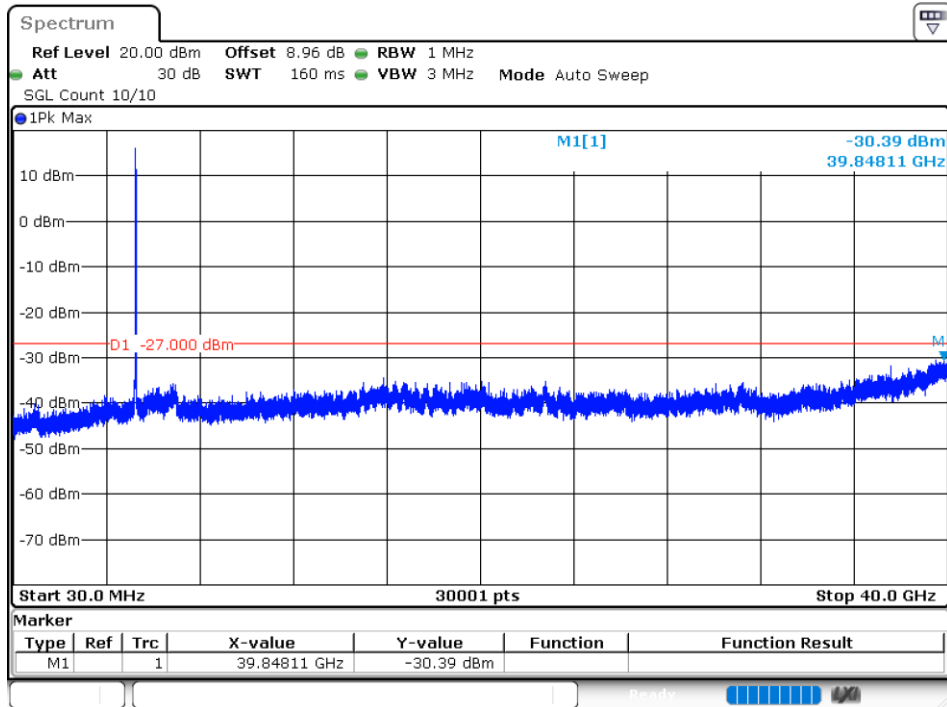
Tx. Spurious NVNT n40 5270MHz Ant1 Emission



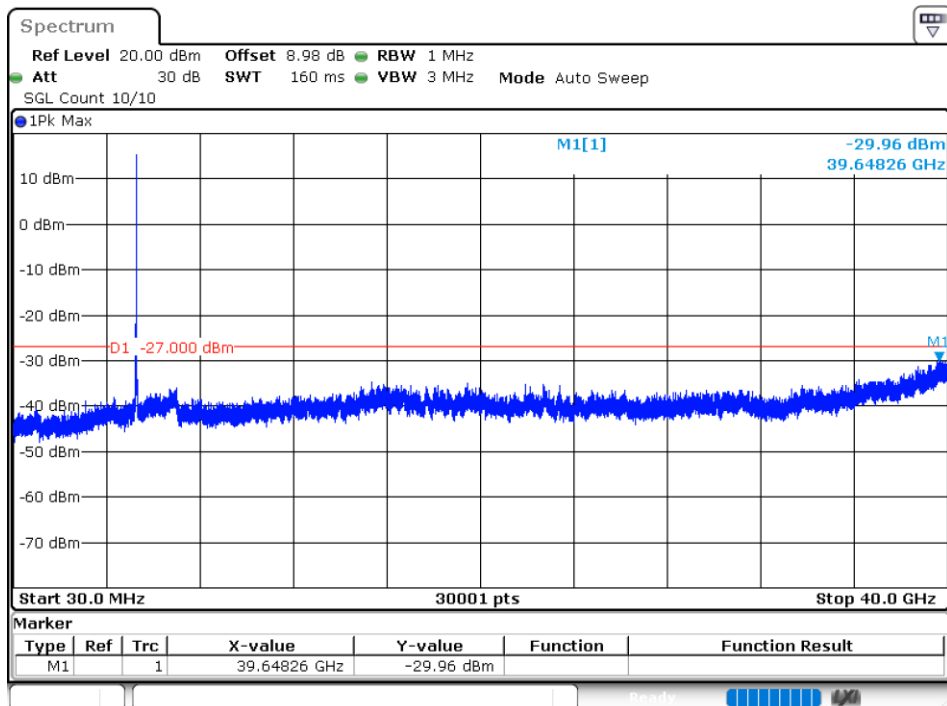
Tx. Spurious NVNT n40 5310MHz Ant1 Emission



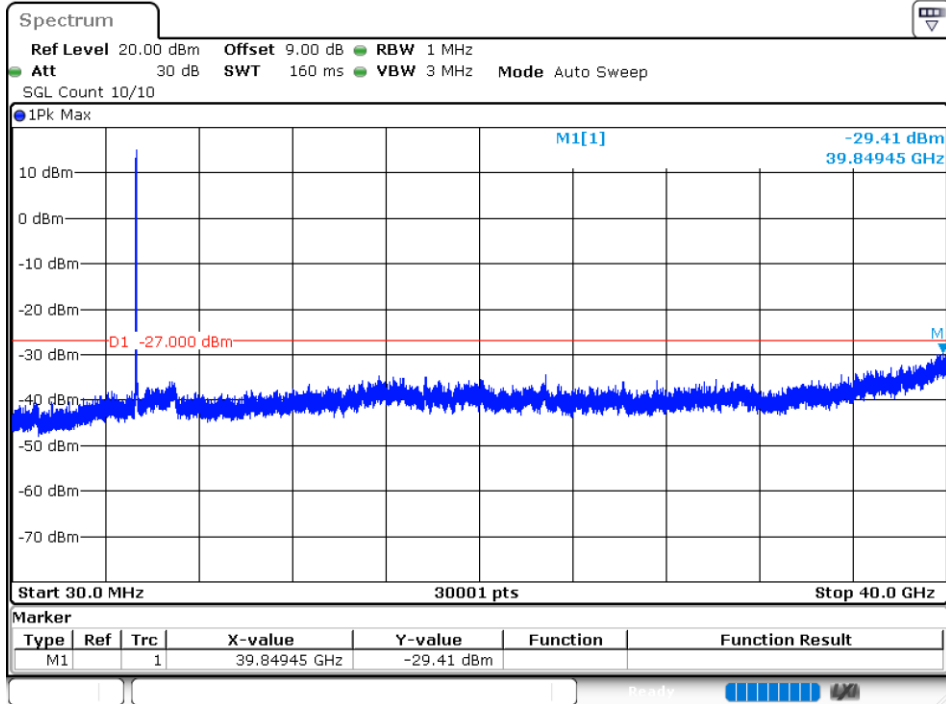
Tx. Spurious NVNT ac20 5260MHz Ant1 Emission



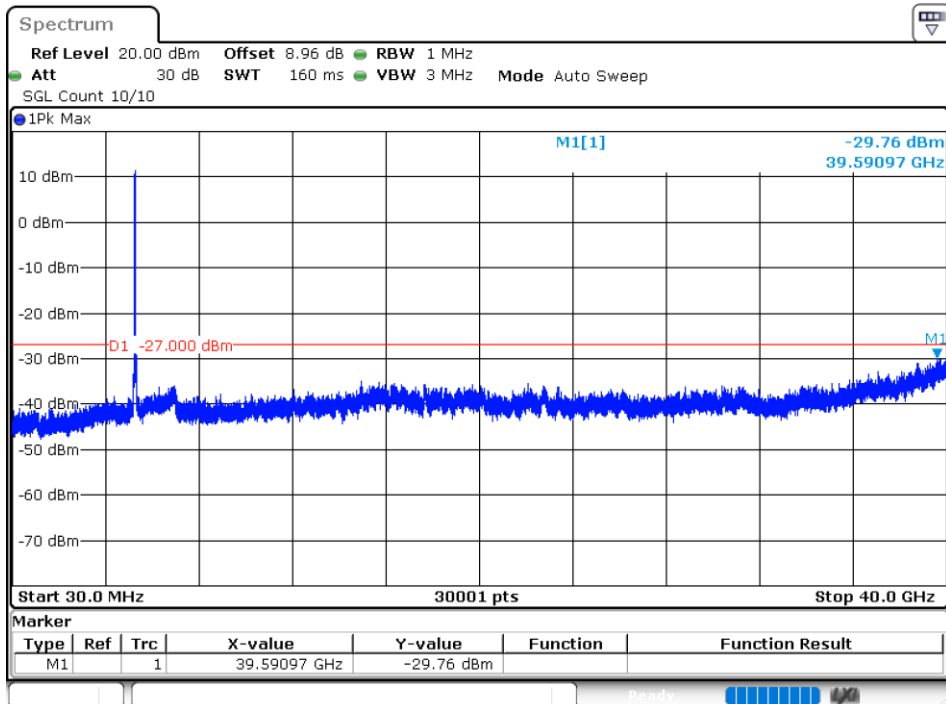
Tx. Spurious NVNT ac20 5280MHz Ant1 Emission



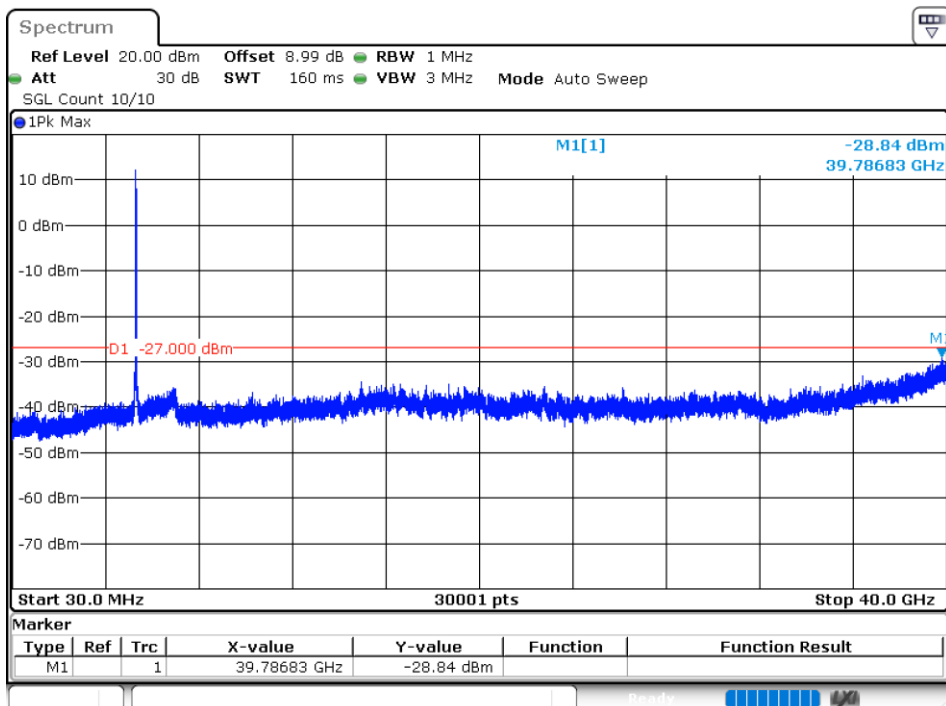
Tx. Spurious NVNT ac20 5320MHz Ant1 Emission



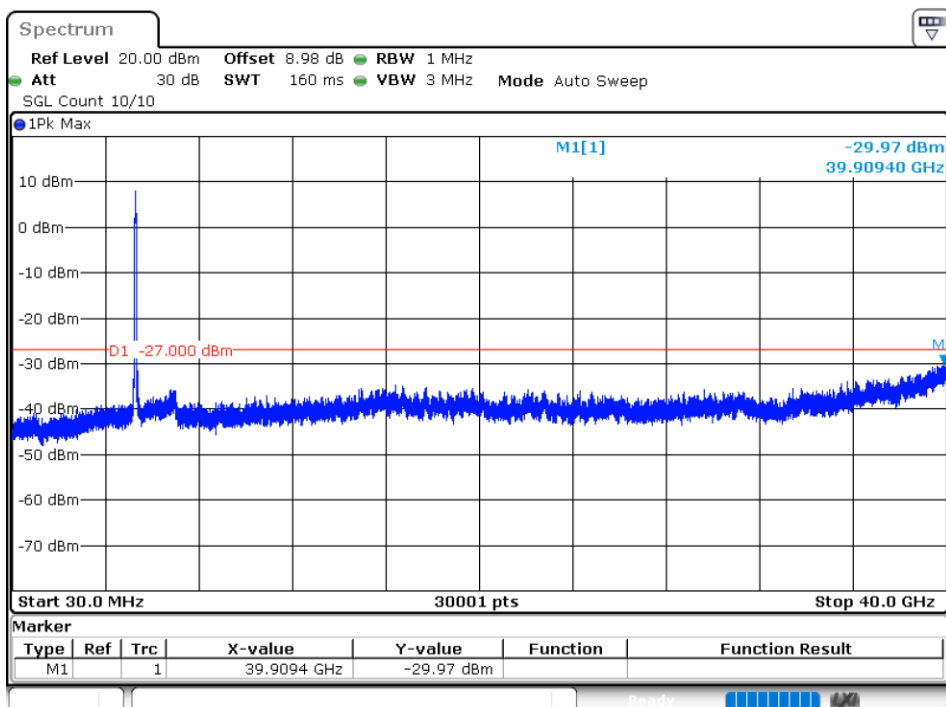
Tx. Spurious NVNT ac40 5270MHz Ant1 Emission



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	67	1.74	5.56
NVNT	a	5600	Ant1	66.96	1.74	5.56
NVNT	a	5700	Ant1	66.94	1.74	5.56
NVNT	n20	5500	Ant1	65.41	1.84	5.88
NVNT	n20	5600	Ant1	65.43	1.84	6.25
NVNT	n20	5700	Ant1	65.43	1.84	6.25
NVNT	n40	5510	Ant1	81.37	0.9	7.69
NVNT	n40	5590	Ant1	81.36	0.9	7.69
NVNT	n40	5670	Ant1	81.36	0.9	8.33
NVNT	ac20	5500	Ant1	88.42	0.53	4.35
NVNT	ac20	5600	Ant1	88.22	0.54	4.35
NVNT	ac20	5700	Ant1	88.44	0.53	4.17
NVNT	ac40	5510	Ant1	92.33	0.35	7.69
NVNT	ac40	5590	Ant1	92.34	0.35	7.69
NVNT	ac40	5670	Ant1	92.36	0.35	7.69
NVNT	ac80	5530	Ant1	89.17	0.5	11.11
NVNT	ac80	5610	Ant1	89.17	0.5	12.5

Test Graphs

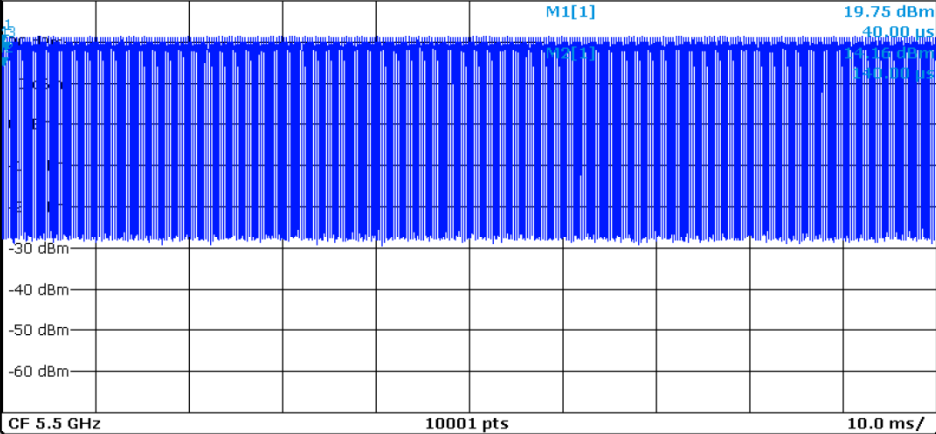
Duty Cycle NVNT a 5500MHz Ant1

Spectrum

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

SGL

1Pk Clrw



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	40.0 μs	19.75 dBm		
M2		1	140.0 μs	14.16 dBm		
M3		1	320.0 μs	17.89 dBm		

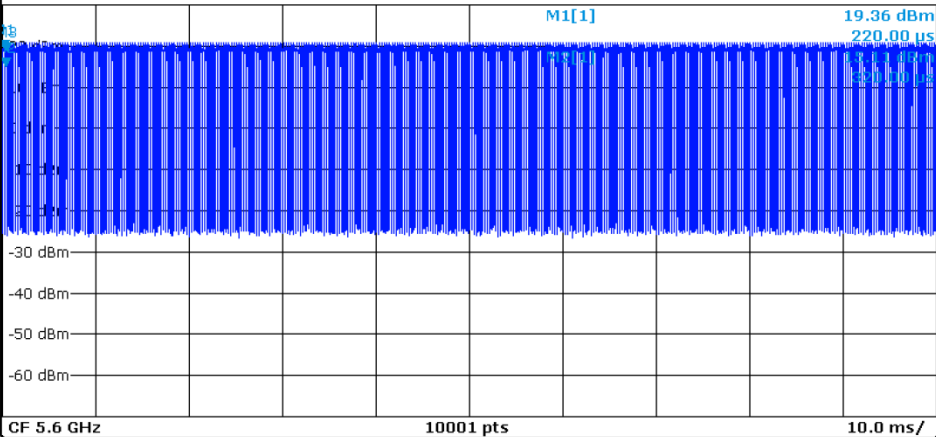
Duty Cycle NVNT a 5600MHz Ant1

Spectrum

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

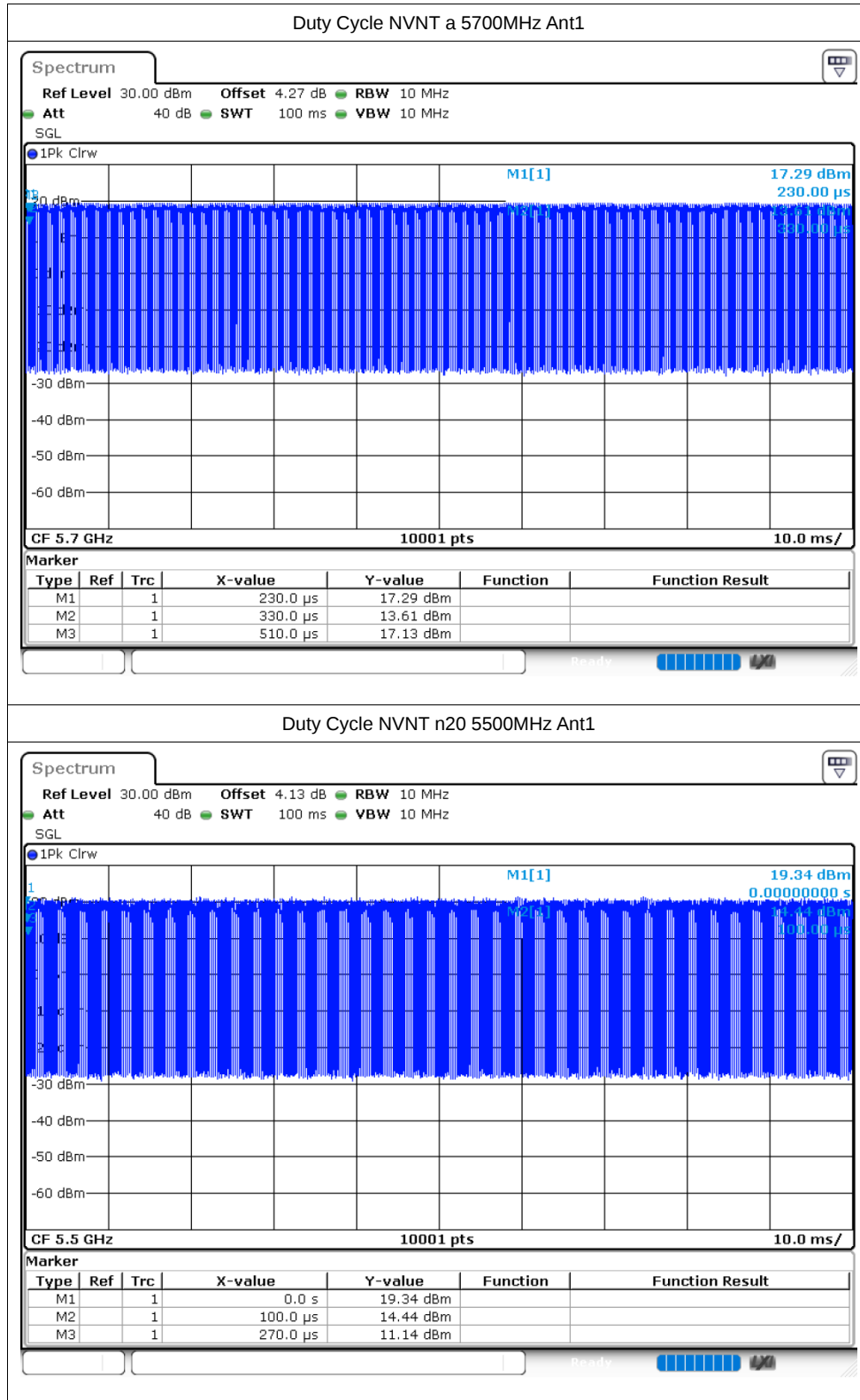
SGL

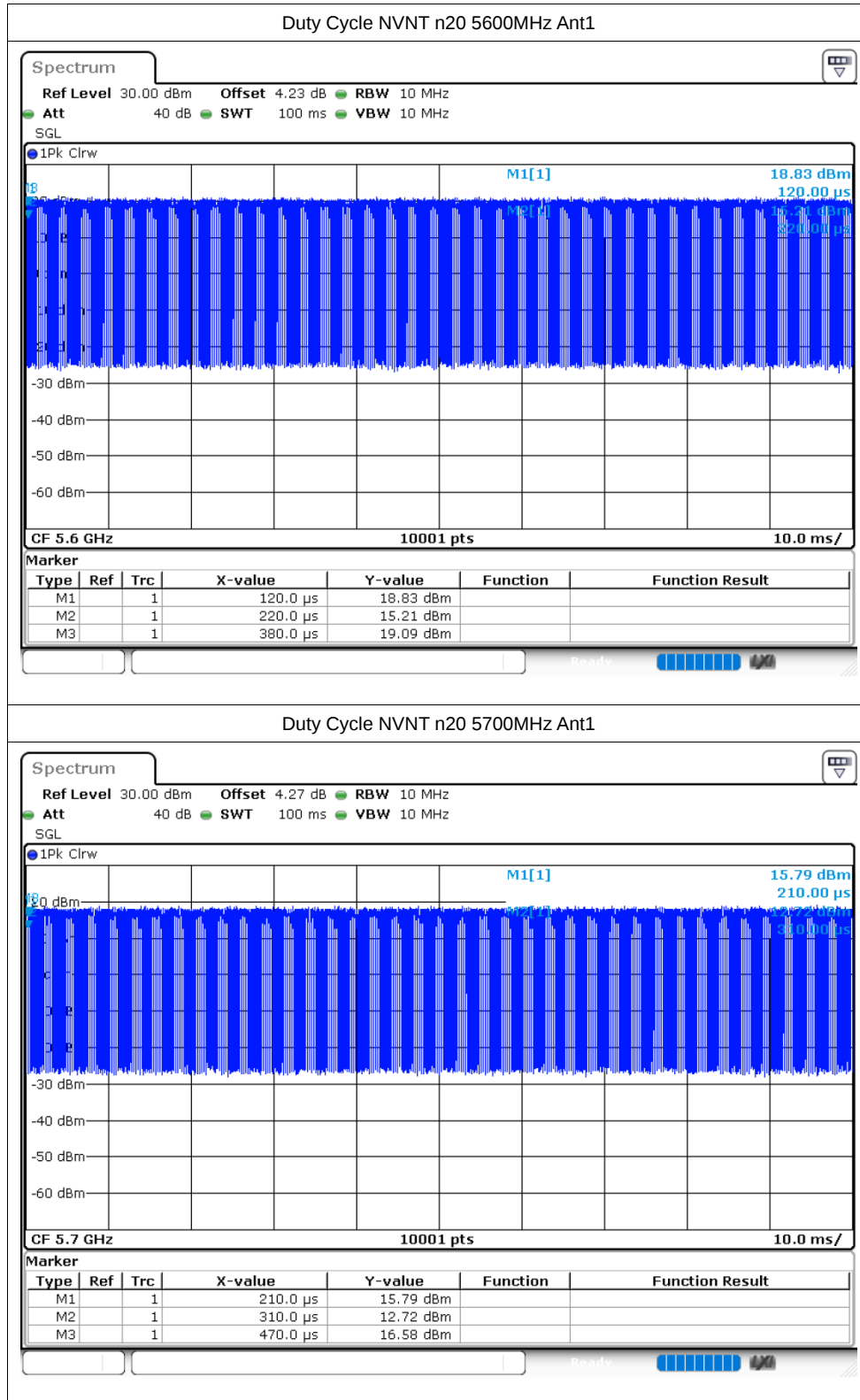
1Pk Clrw

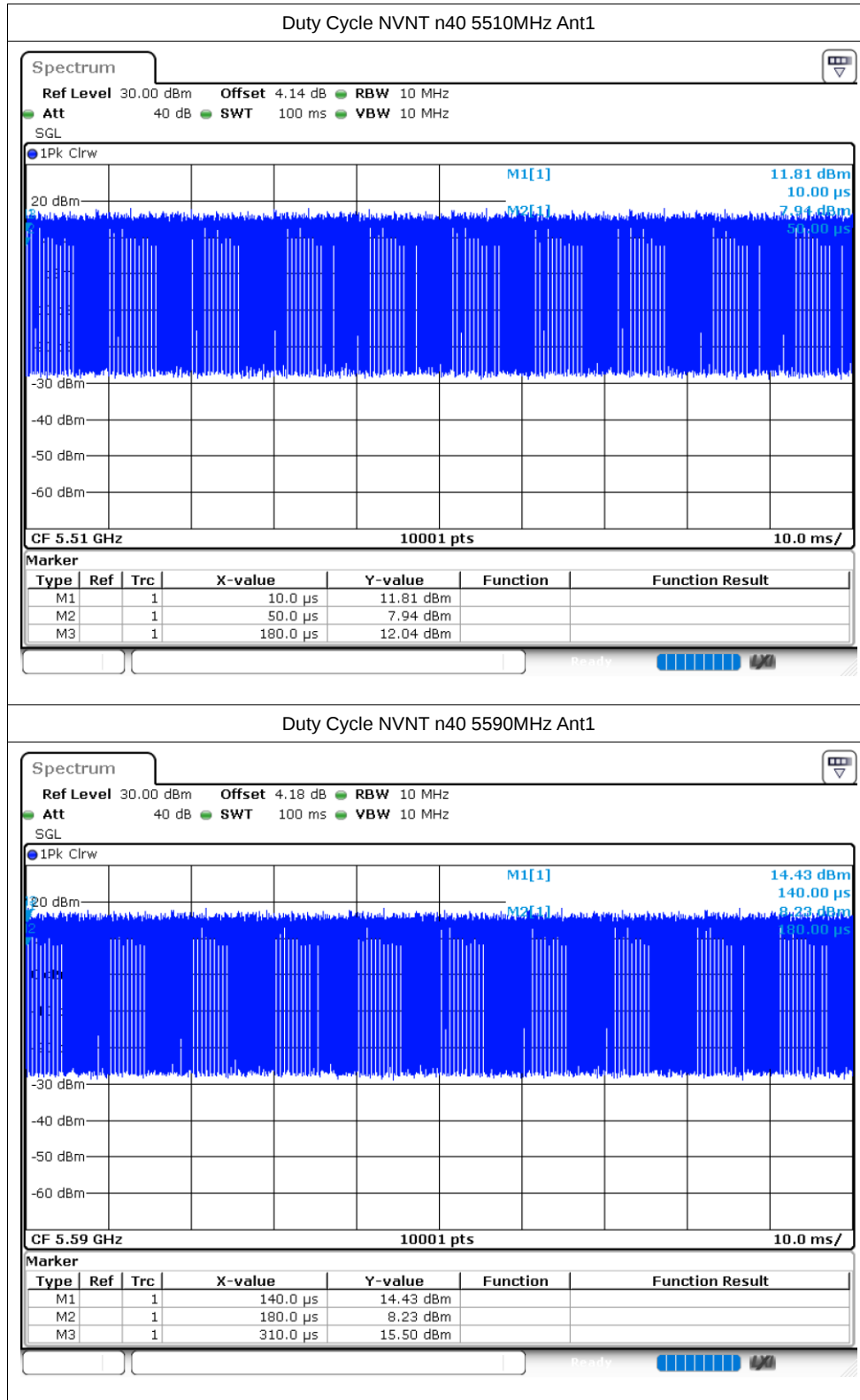


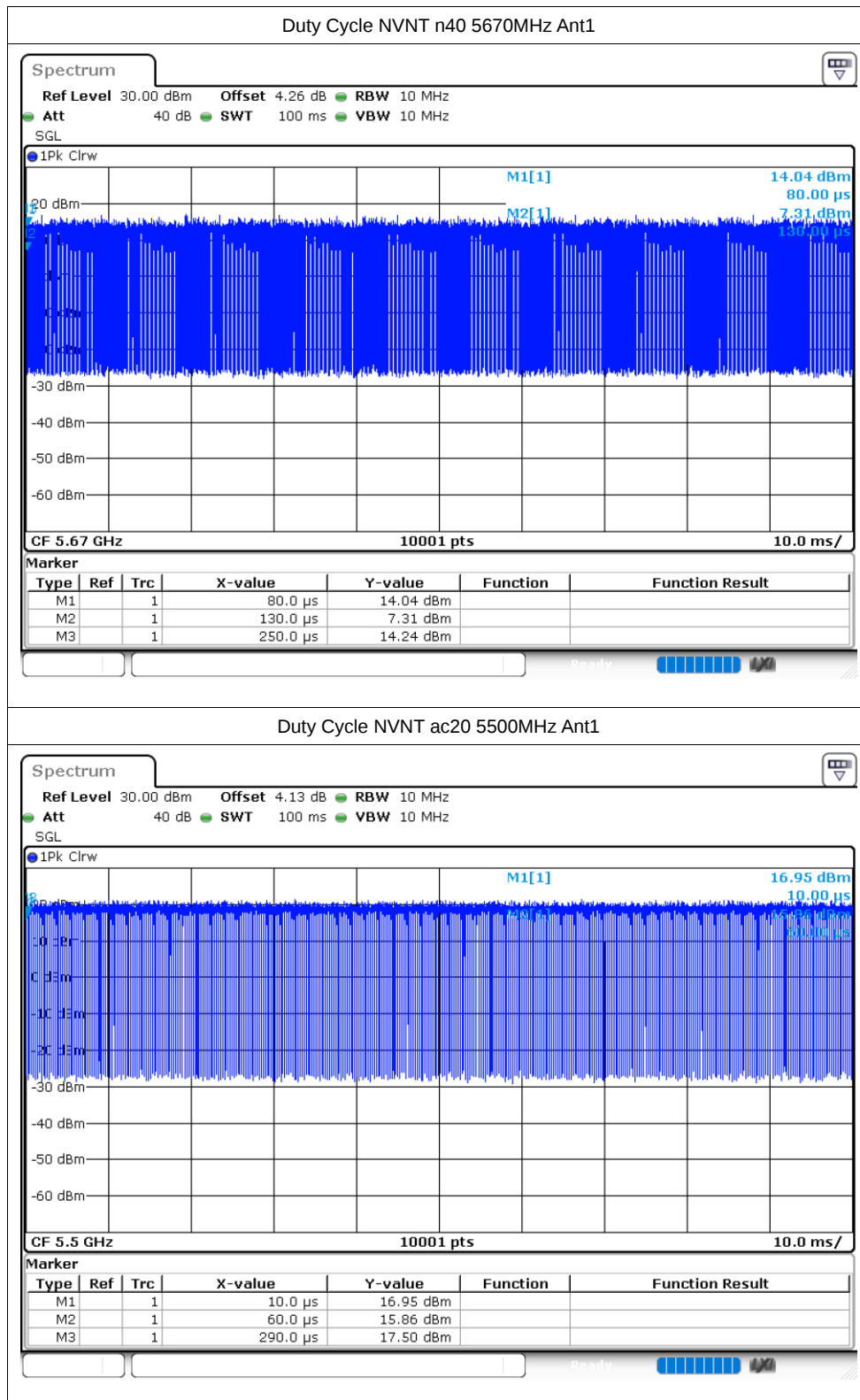
Marker

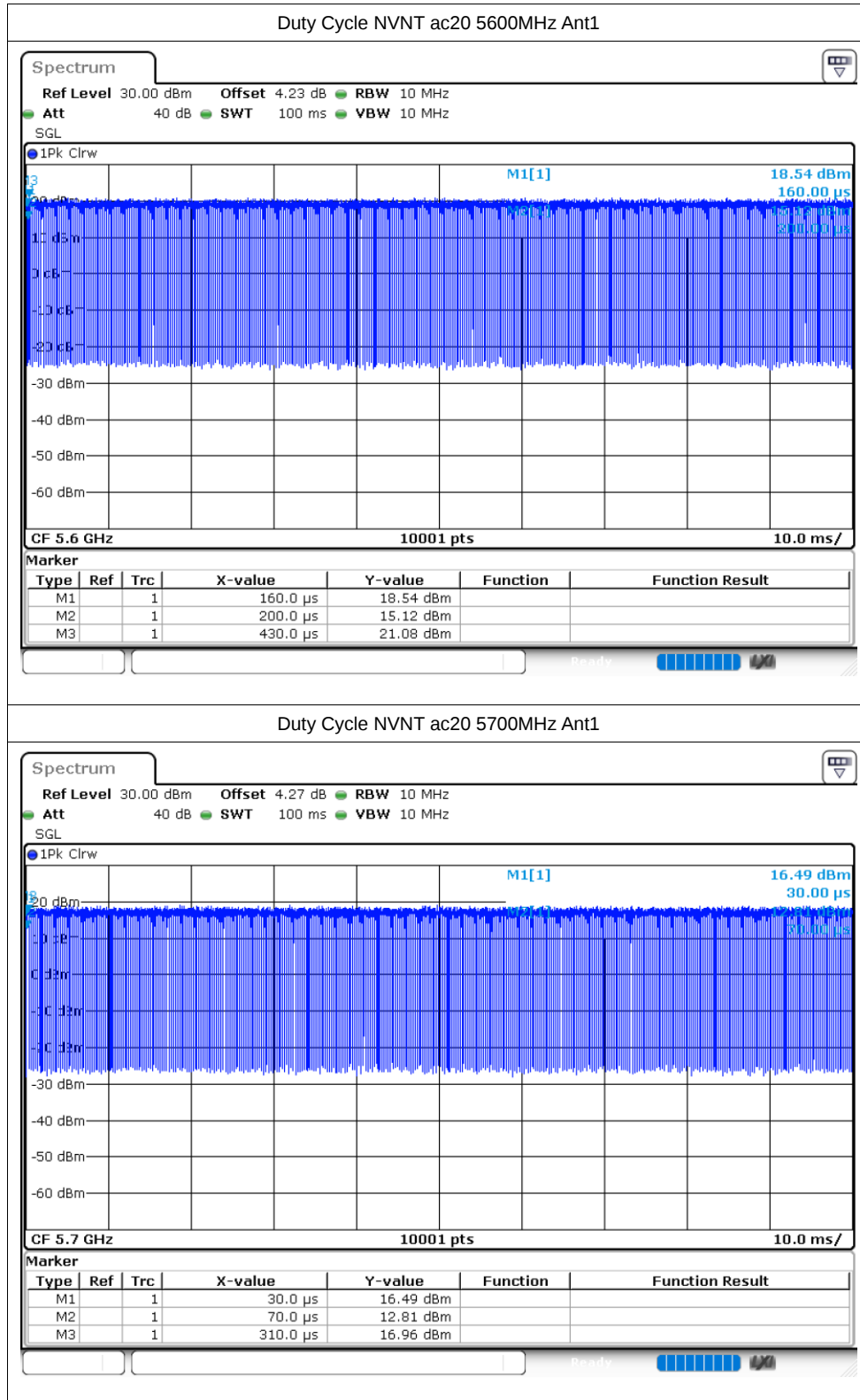
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	220.0 μs	19.36 dBm		
M2		1	320.0 μs	15.11 dBm		
M3		1	500.0 μs	18.92 dBm		

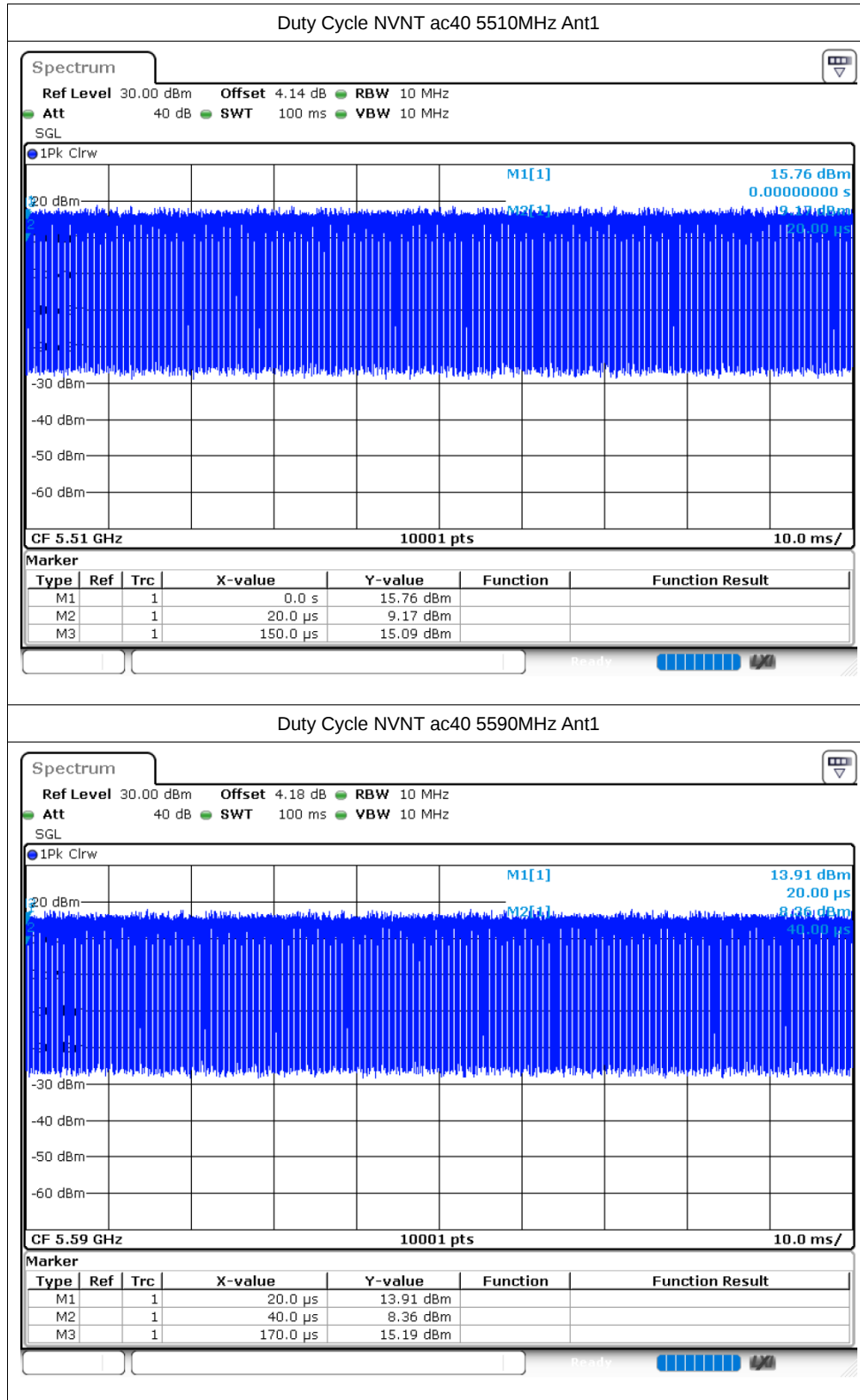


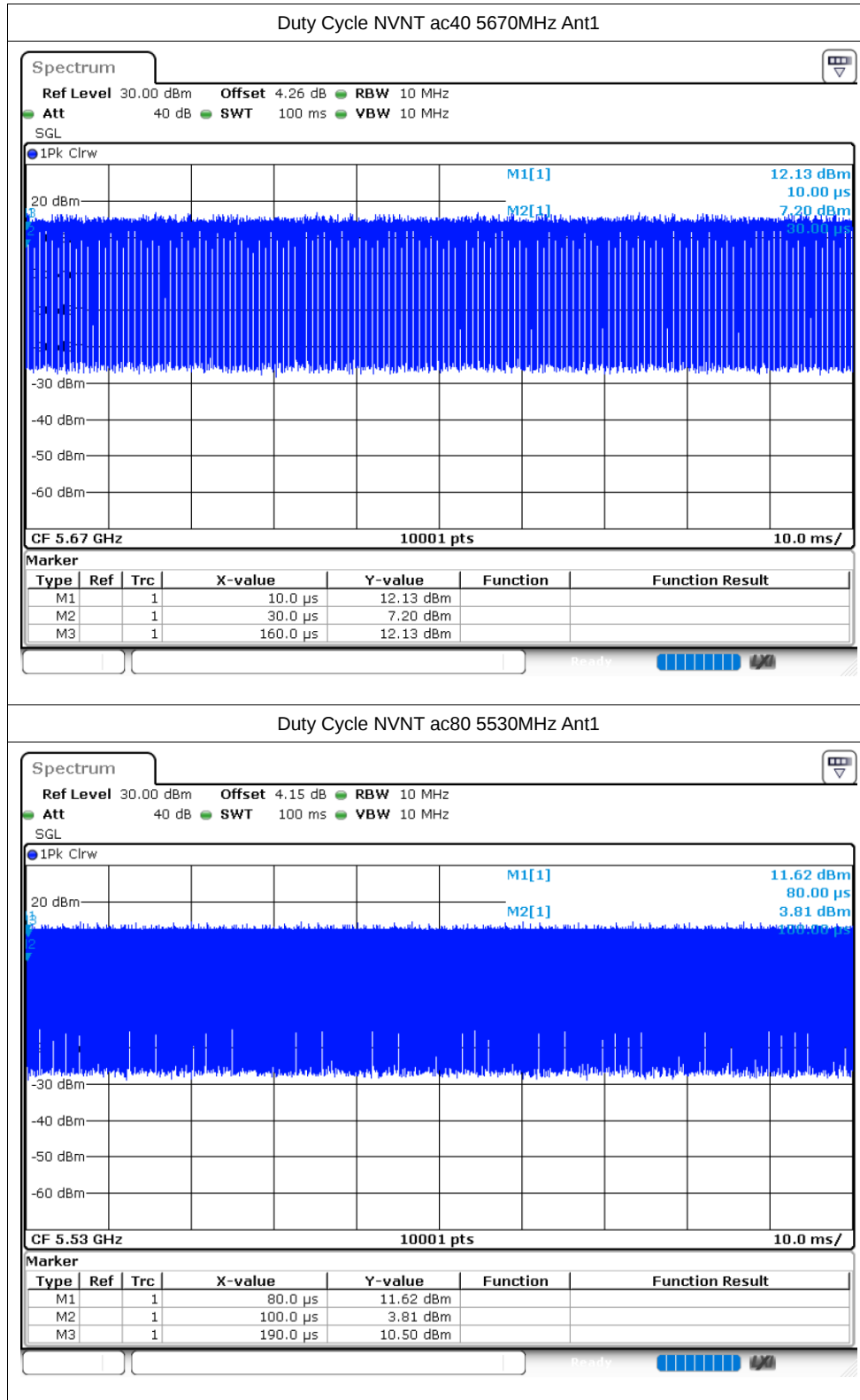


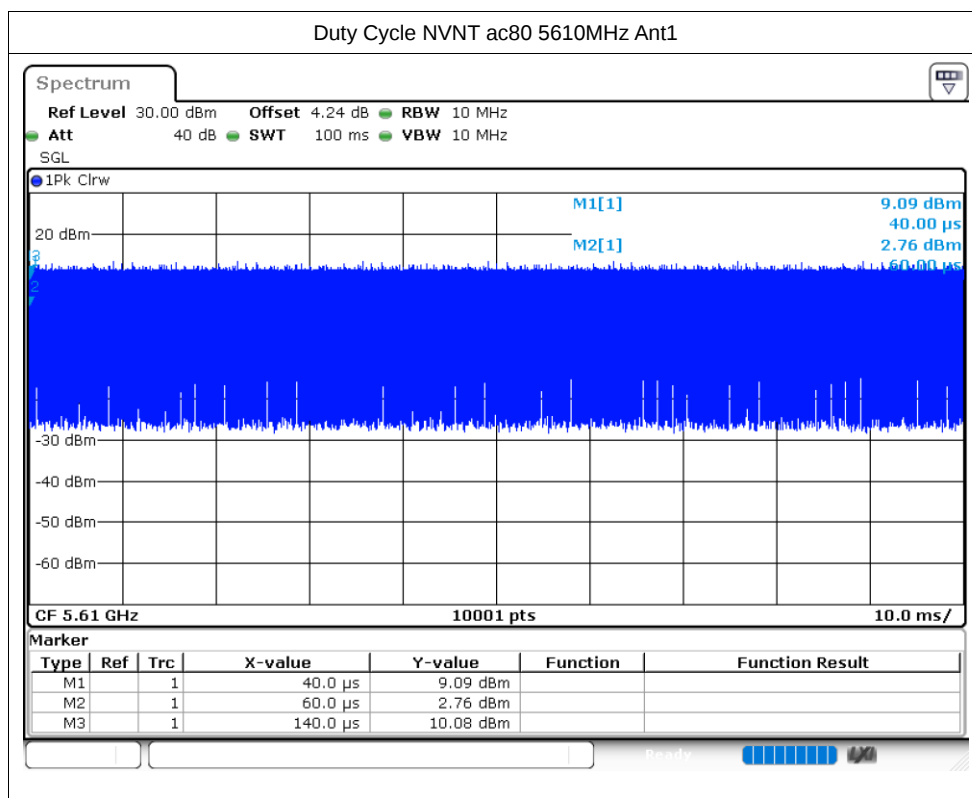












Maximum Conducted Output Power

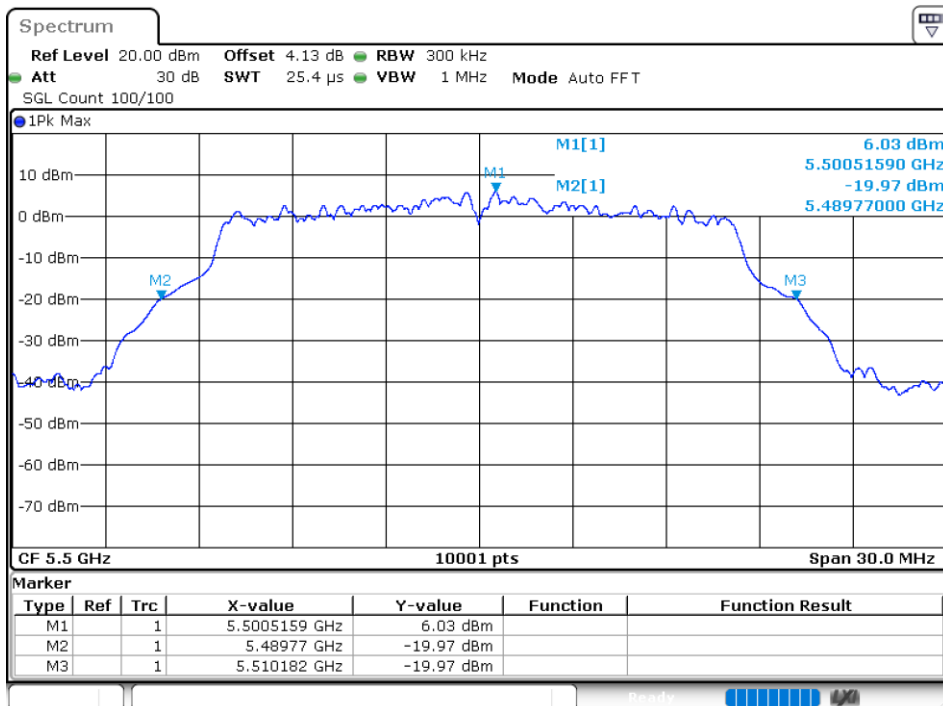
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	14.33	24	Pass
NVNT	a	5600	Ant1	14.33	24	Pass
NVNT	a	5700	Ant1	14.09	24	Pass
NVNT	n20	5500	Ant1	14.43	24	Pass
NVNT	n20	5600	Ant1	14.34	24	Pass
NVNT	n20	5700	Ant1	13	24	Pass
NVNT	n40	5510	Ant1	11.68	24	Pass
NVNT	n40	5590	Ant1	11.56	24	Pass
NVNT	n40	5670	Ant1	11	24	Pass
NVNT	ac20	5500	Ant1	13.97	24	Pass
NVNT	ac20	5600	Ant1	14.52	24	Pass
NVNT	ac20	5700	Ant1	12.94	24	Pass
NVNT	ac40	5510	Ant1	13.01	24	Pass
NVNT	ac40	5590	Ant1	11.42	24	Pass
NVNT	ac40	5670	Ant1	11.29	24	Pass
NVNT	ac80	5530	Ant1	11.26	24	Pass
NVNT	ac80	5610	Ant1	10.21	24	Pass

-26dB Bandwidth

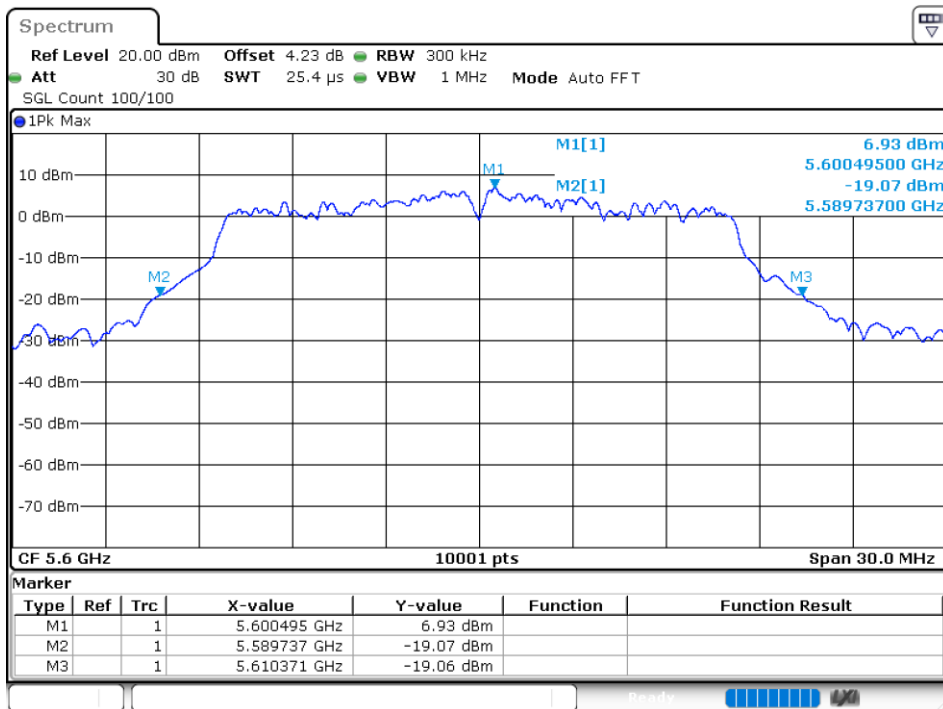
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	20.412	0.5	Pass
NVNT	a	5600	Ant1	20.634	0.5	Pass
NVNT	a	5700	Ant1	20.823	0.5	Pass
NVNT	n20	5500	Ant1	21.144	0.5	Pass
NVNT	n20	5600	Ant1	21.198	0.5	Pass
NVNT	n20	5700	Ant1	20.634	0.5	Pass
NVNT	n40	5510	Ant1	39.318	0.5	Pass
NVNT	n40	5590	Ant1	39.3	0.5	Pass
NVNT	n40	5670	Ant1	38.964	0.5	Pass
NVNT	ac20	5500	Ant1	20.892	0.5	Pass
NVNT	ac20	5600	Ant1	21.354	0.5	Pass
NVNT	ac20	5700	Ant1	20.925	0.5	Pass
NVNT	ac40	5510	Ant1	39.27	0.5	Pass
NVNT	ac40	5590	Ant1	39.294	0.5	Pass
NVNT	ac40	5670	Ant1	39.234	0.5	Pass
NVNT	ac80	5530	Ant1	80.544	0.5	Pass
NVNT	ac80	5610	Ant1	81.06	0.5	Pass

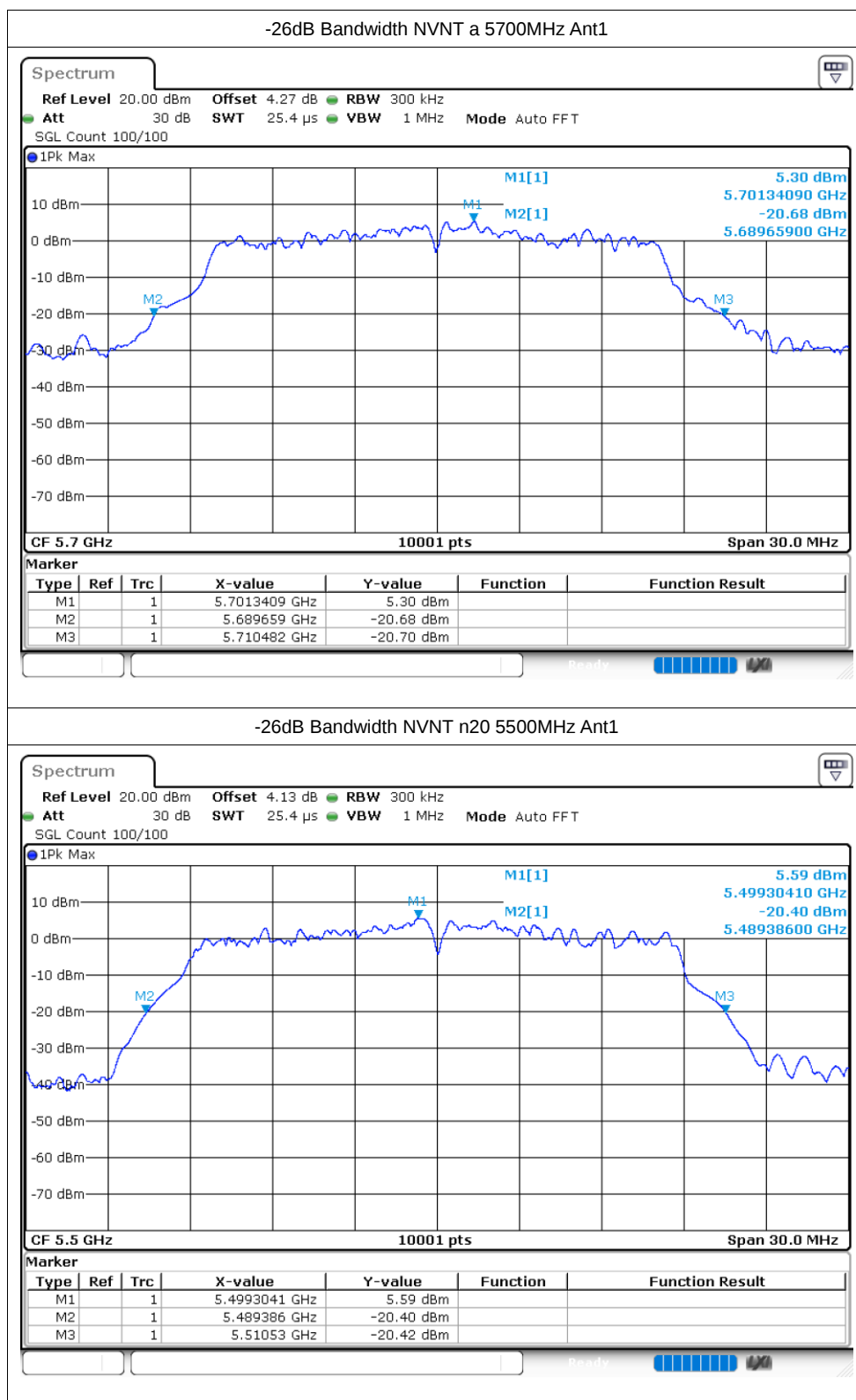
Test Graphs

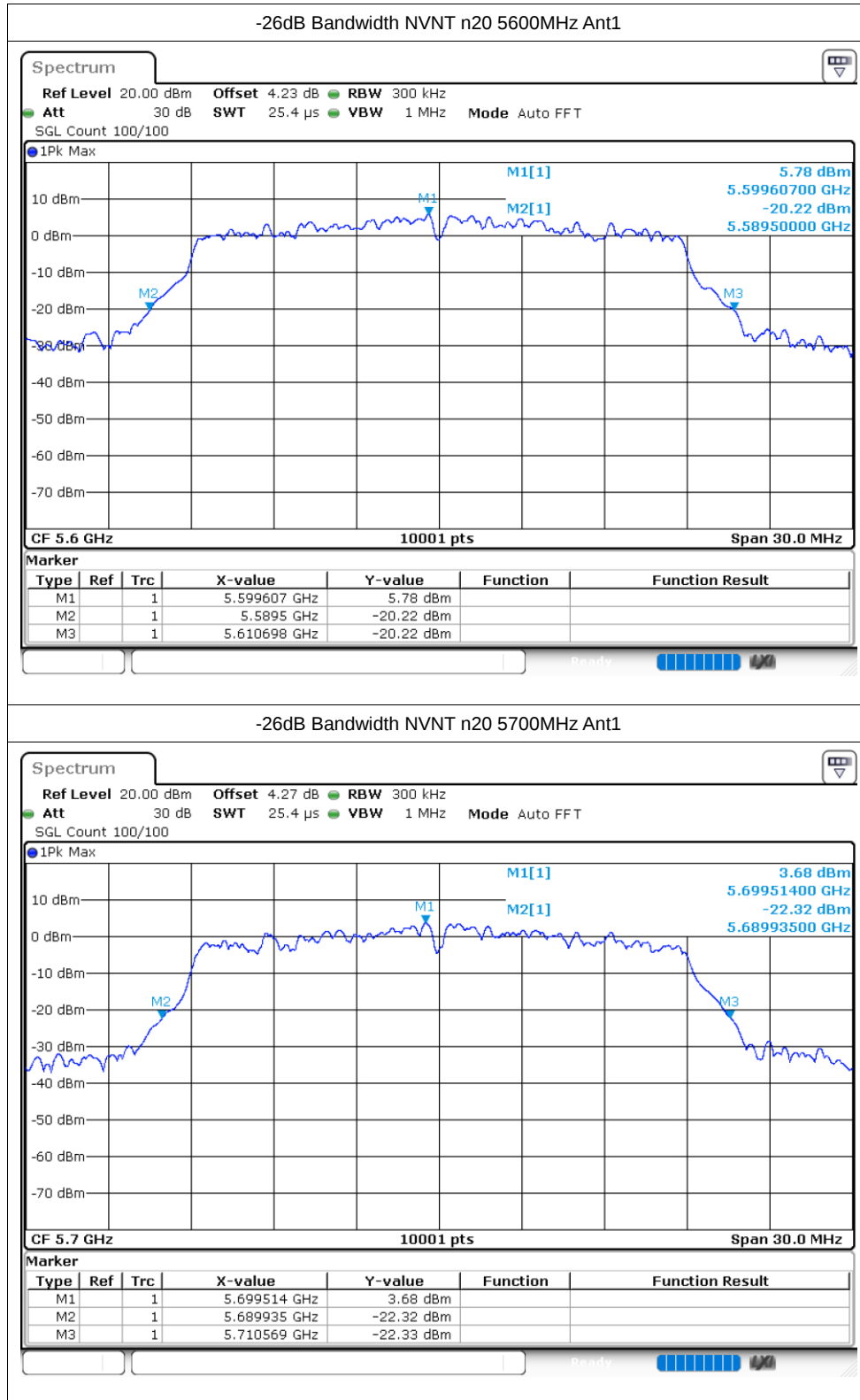
-26dB Bandwidth NVNT a 5500MHz Ant1

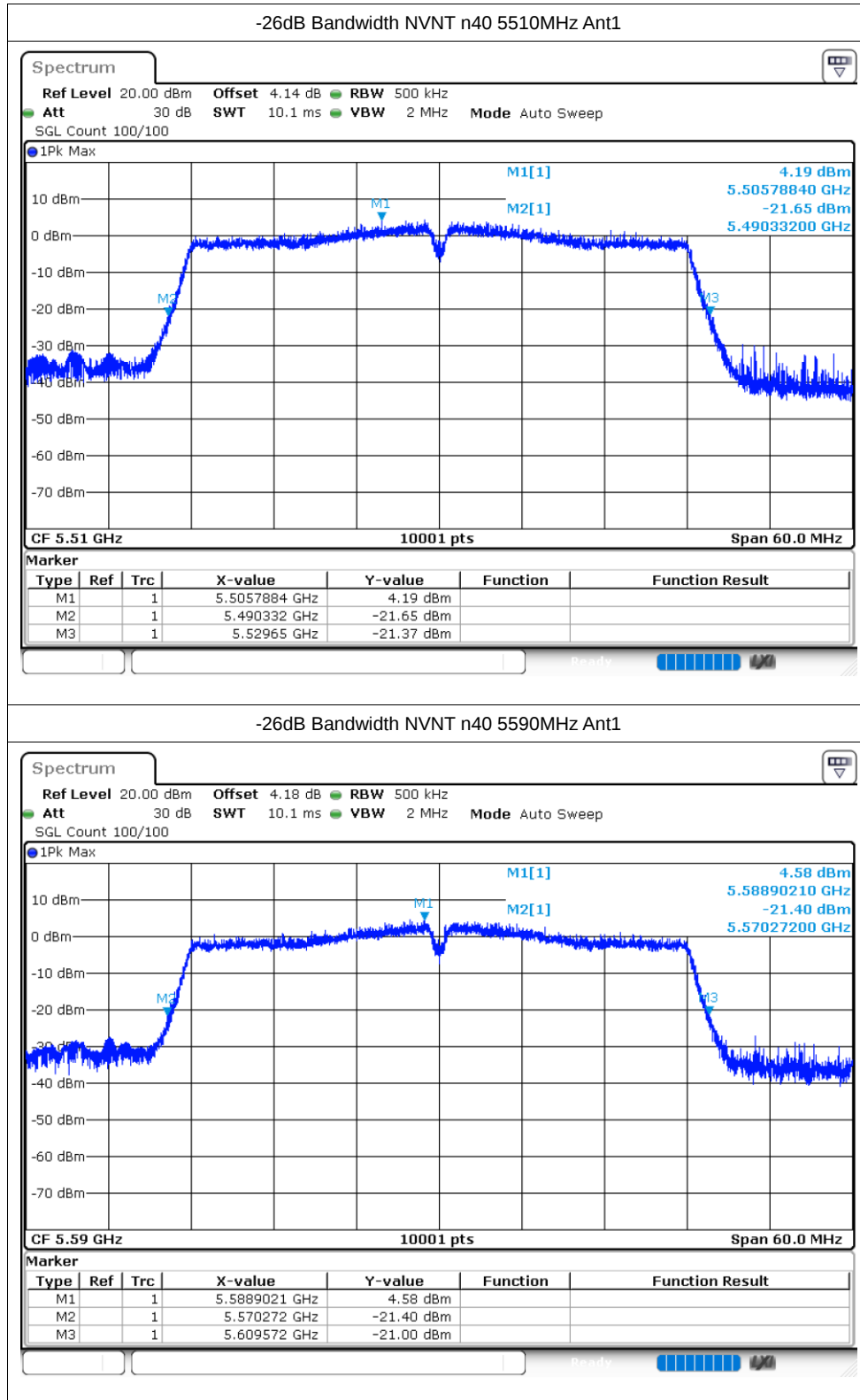


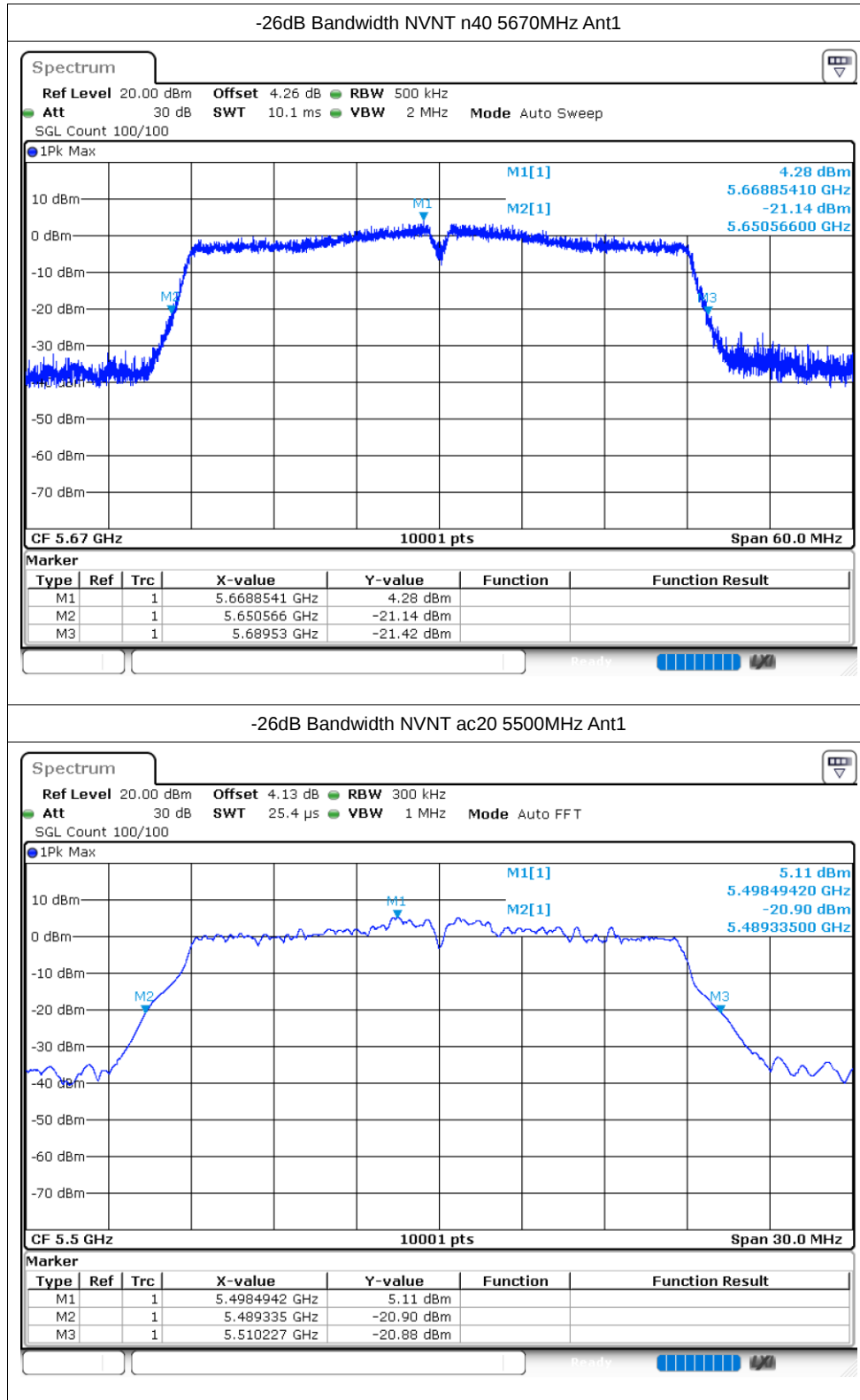
-26dB Bandwidth NVNT a 5600MHz Ant1

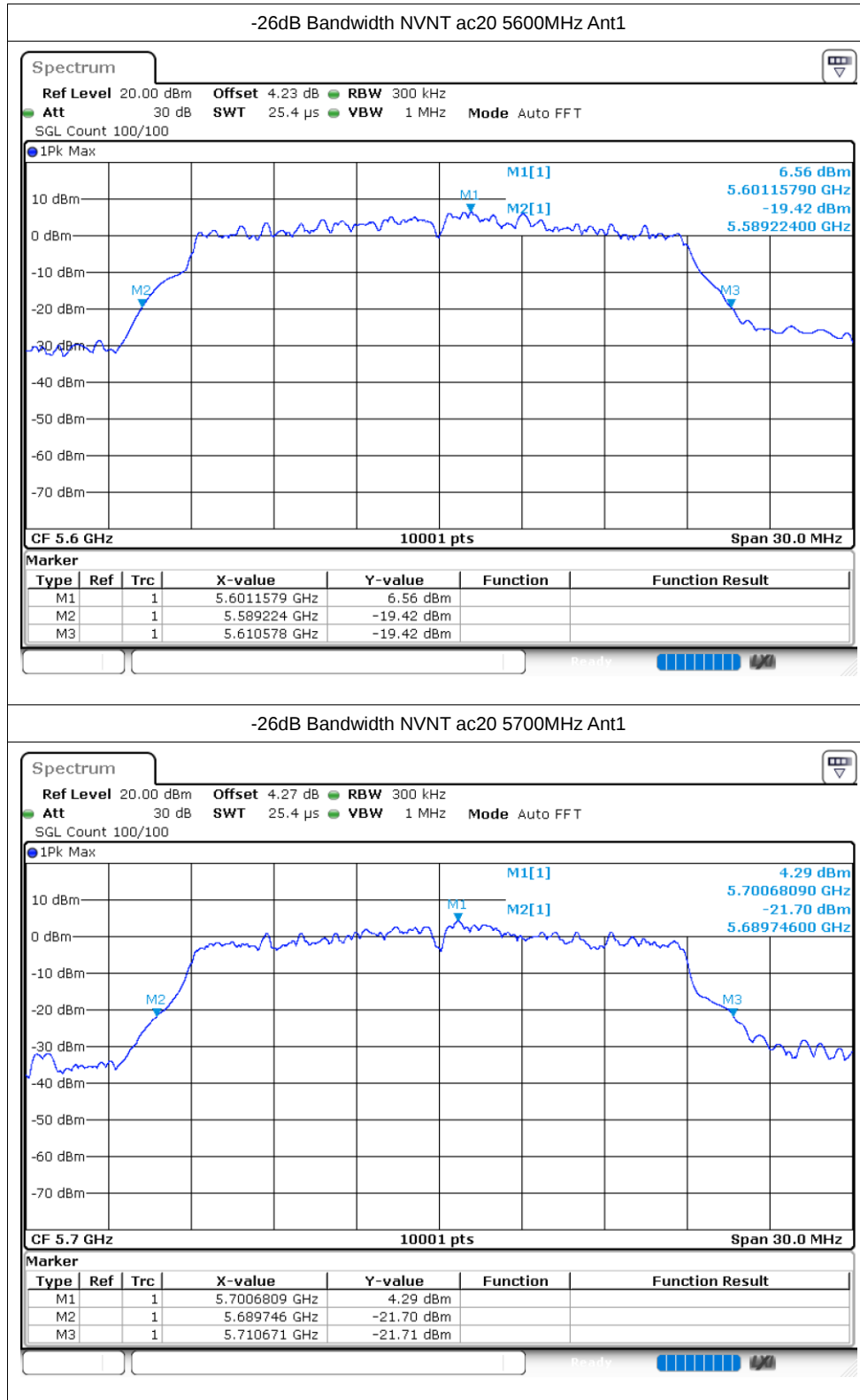


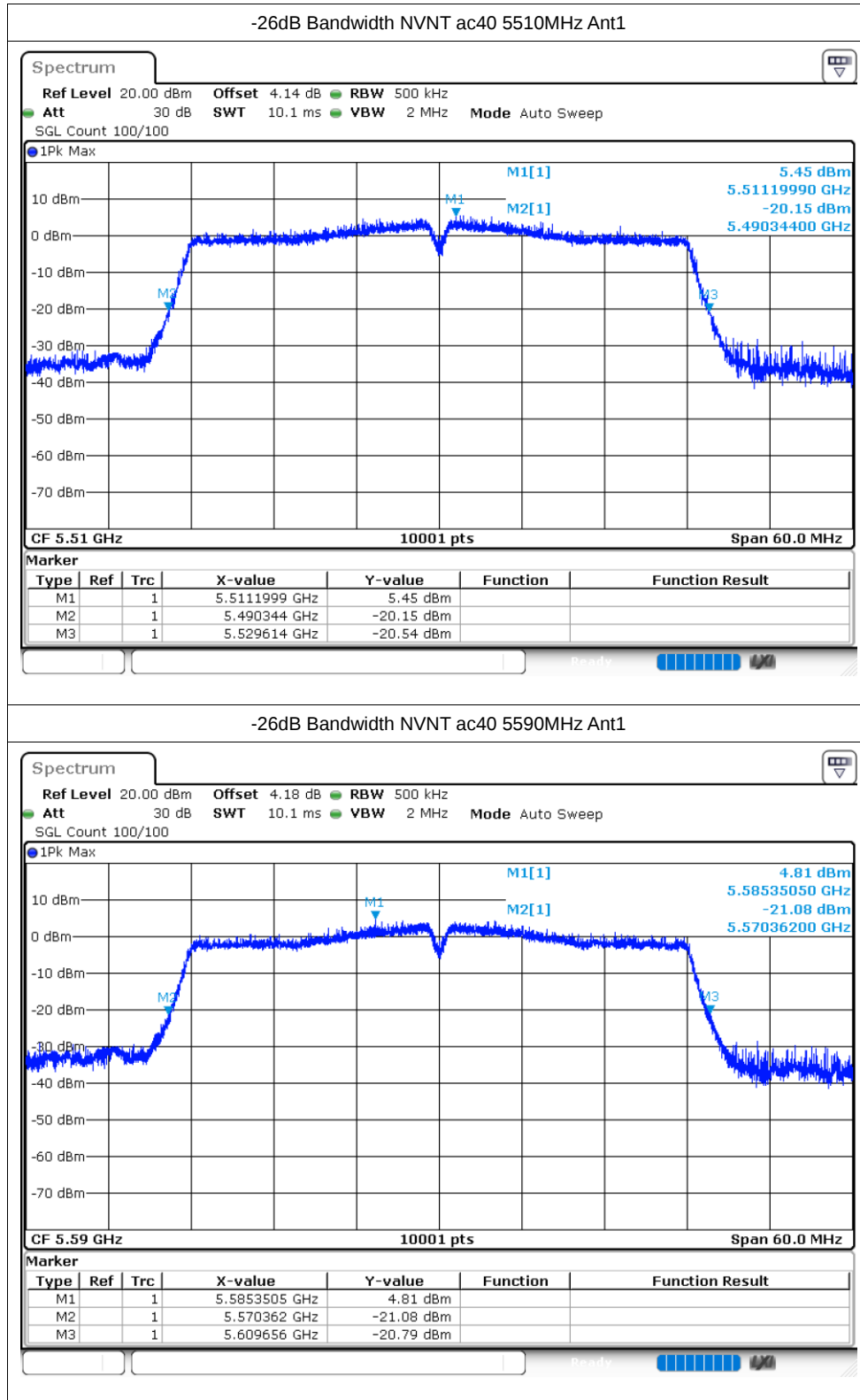


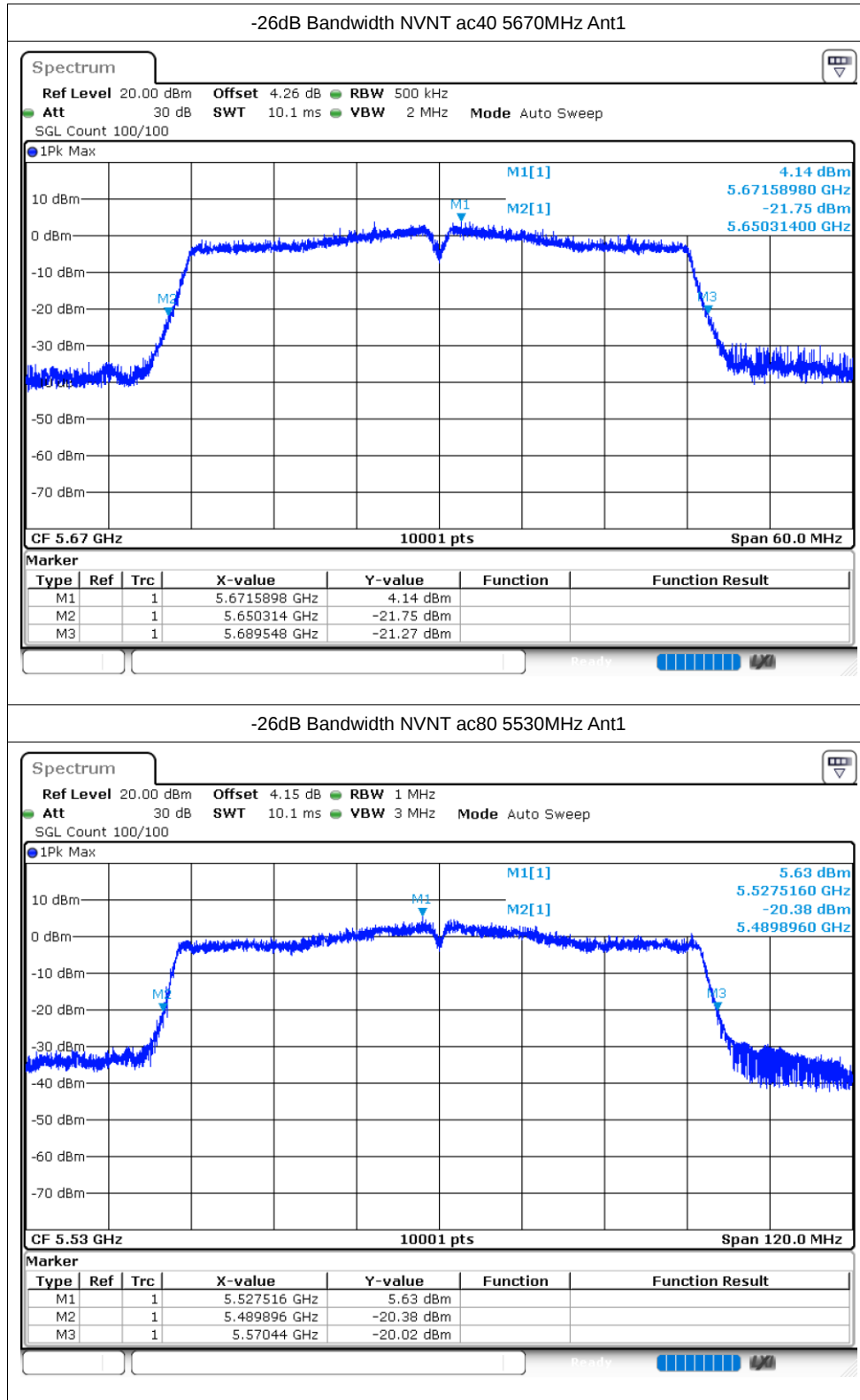


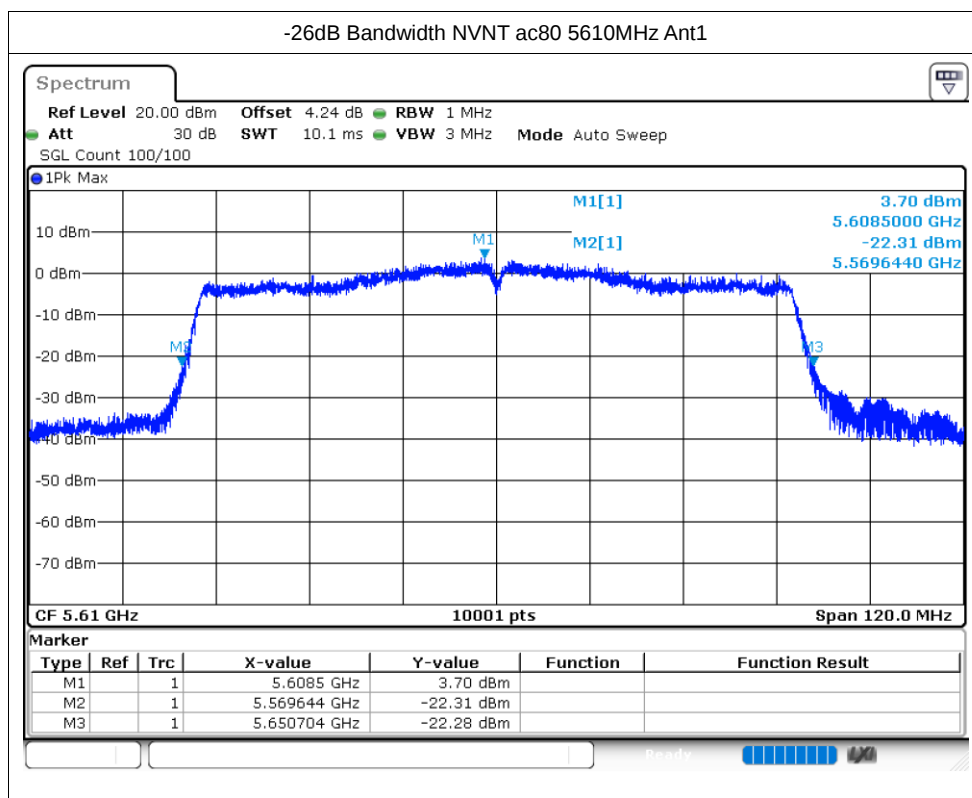










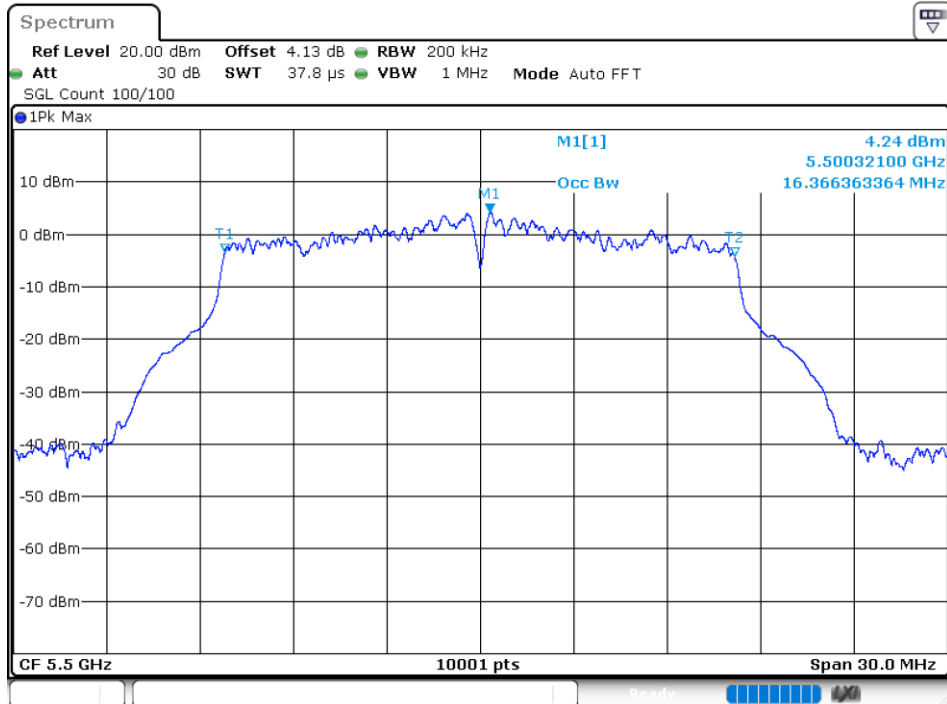


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.366
NVNT	a	5600	Ant1	16.345
NVNT	a	5700	Ant1	16.402
NVNT	n20	5500	Ant1	17.689
NVNT	n20	5600	Ant1	17.614
NVNT	n20	5700	Ant1	17.632
NVNT	n40	5510	Ant1	36.11
NVNT	n40	5590	Ant1	36.08
NVNT	n40	5670	Ant1	36.068
NVNT	ac20	5500	Ant1	17.578
NVNT	ac20	5600	Ant1	17.593
NVNT	ac20	5700	Ant1	17.608
NVNT	ac40	5510	Ant1	36.116
NVNT	ac40	5590	Ant1	36.092
NVNT	ac40	5670	Ant1	36.062
NVNT	ac80	5530	Ant1	75.496
NVNT	ac80	5610	Ant1	75.436

Test Graphs

OBW NVNT a 5500MHz Ant1



OBW NVNT a 5600MHz Ant1

