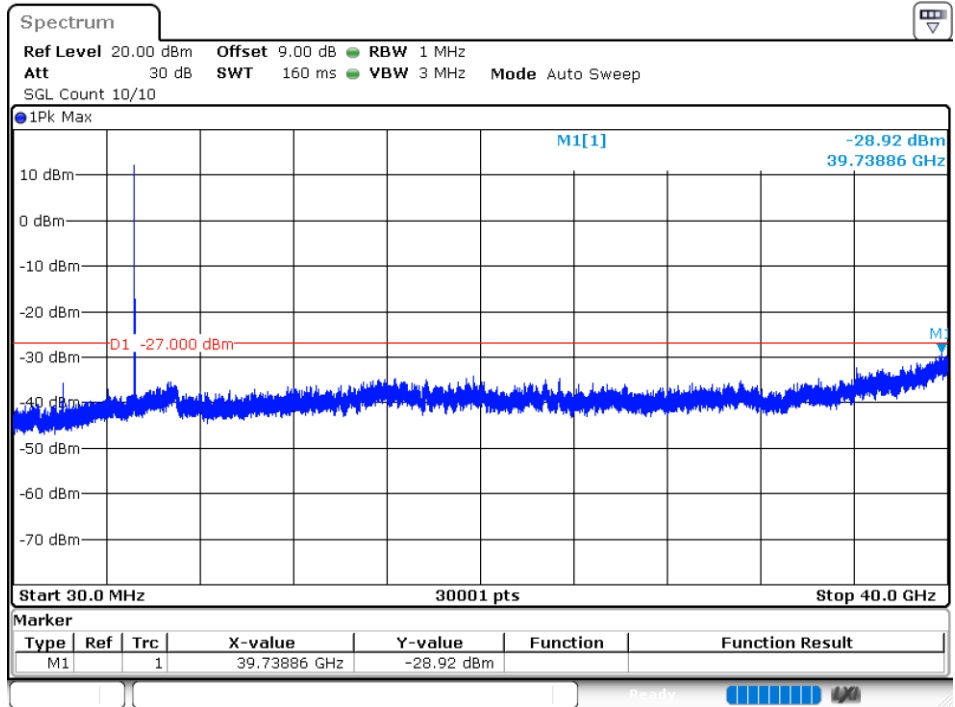
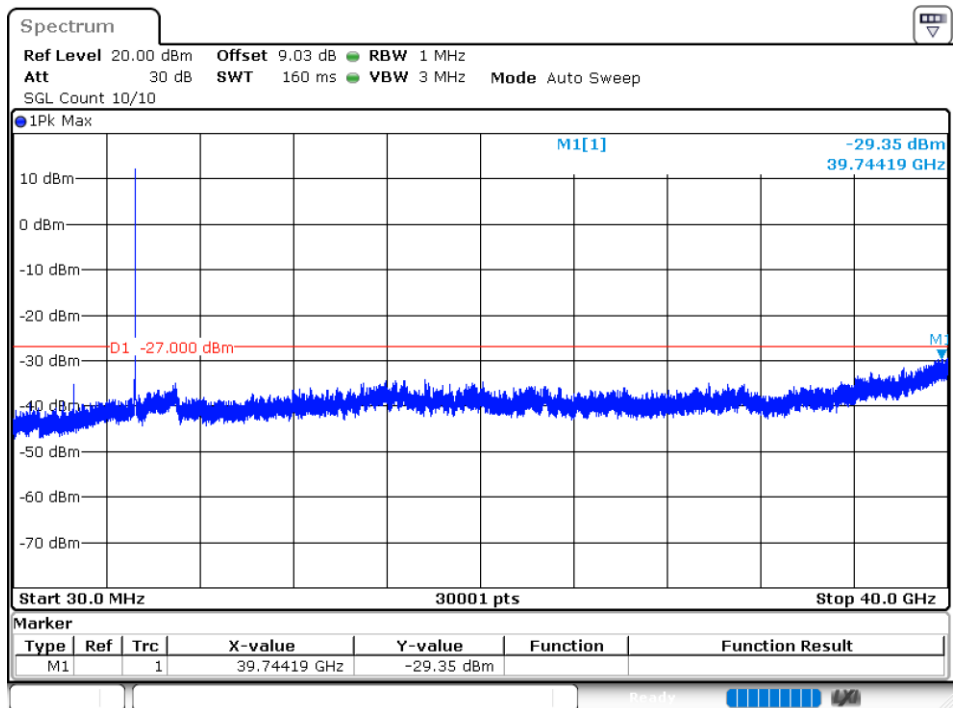


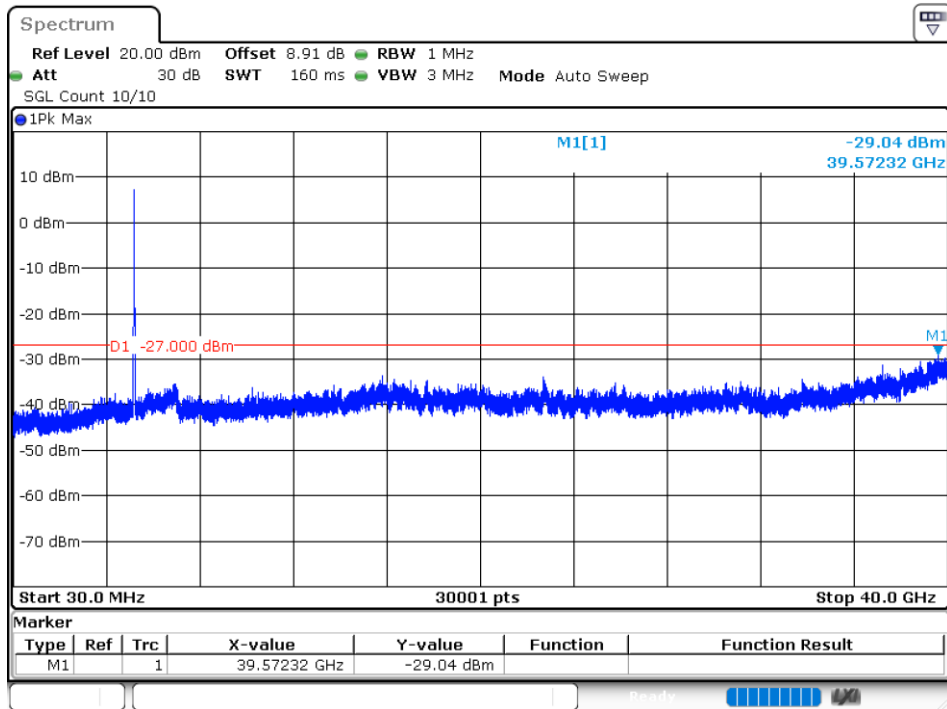
Tx. Spurious NVNT ac20 5200MHz Ant2 Emission



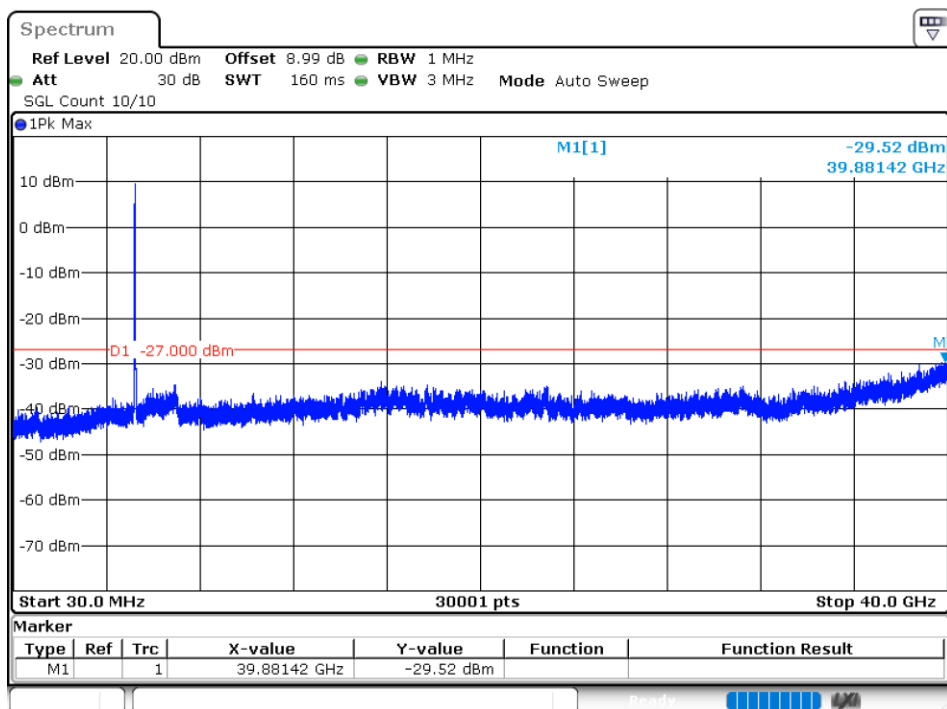
Tx. Spurious NVNT ac20 5240MHz Ant2 Emission



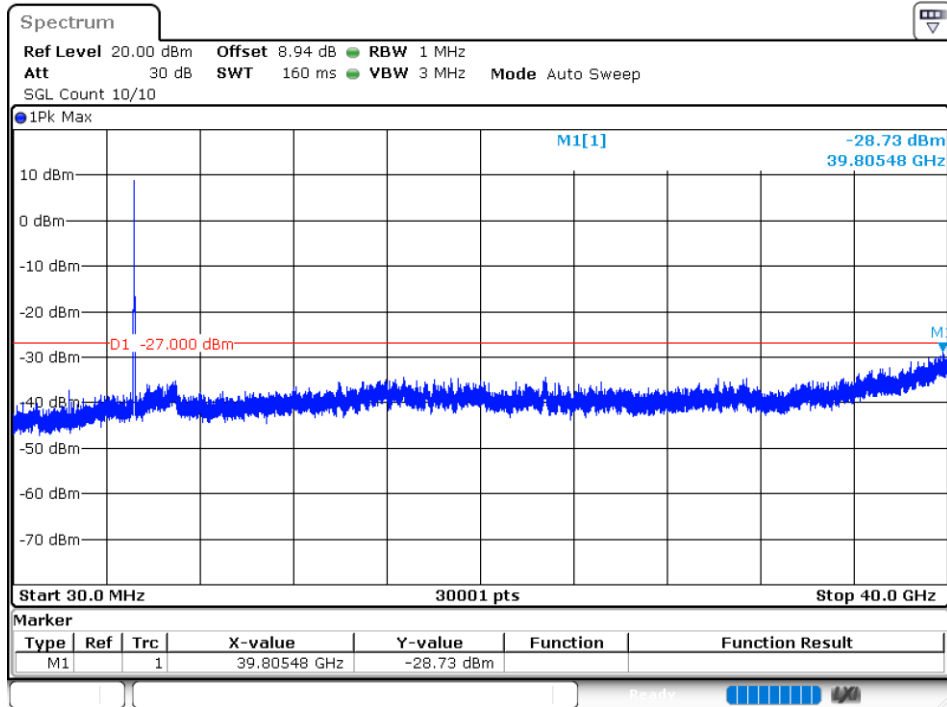
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



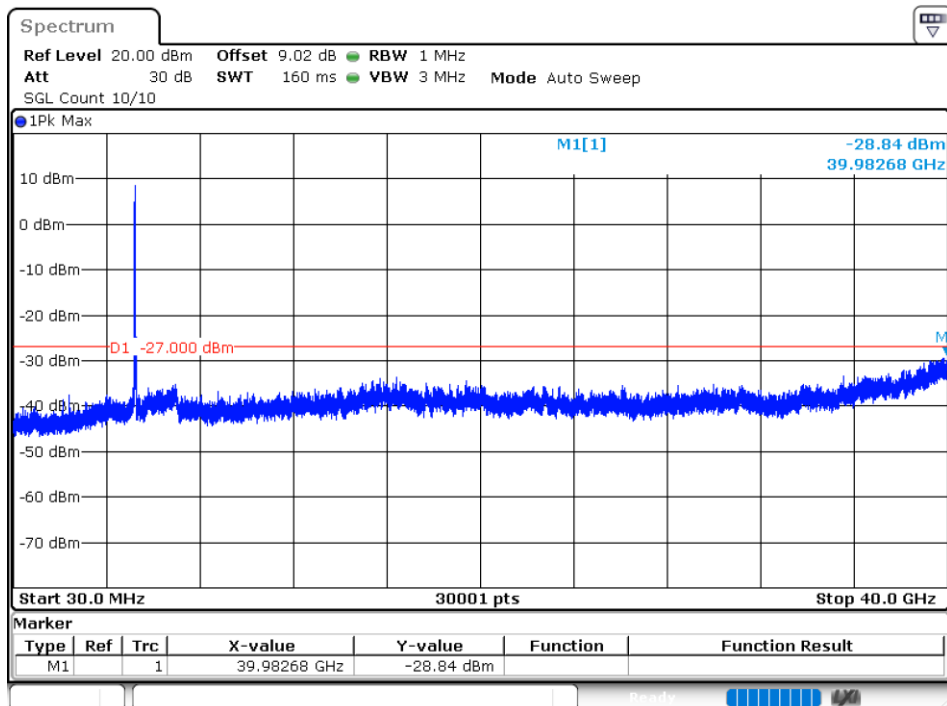
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



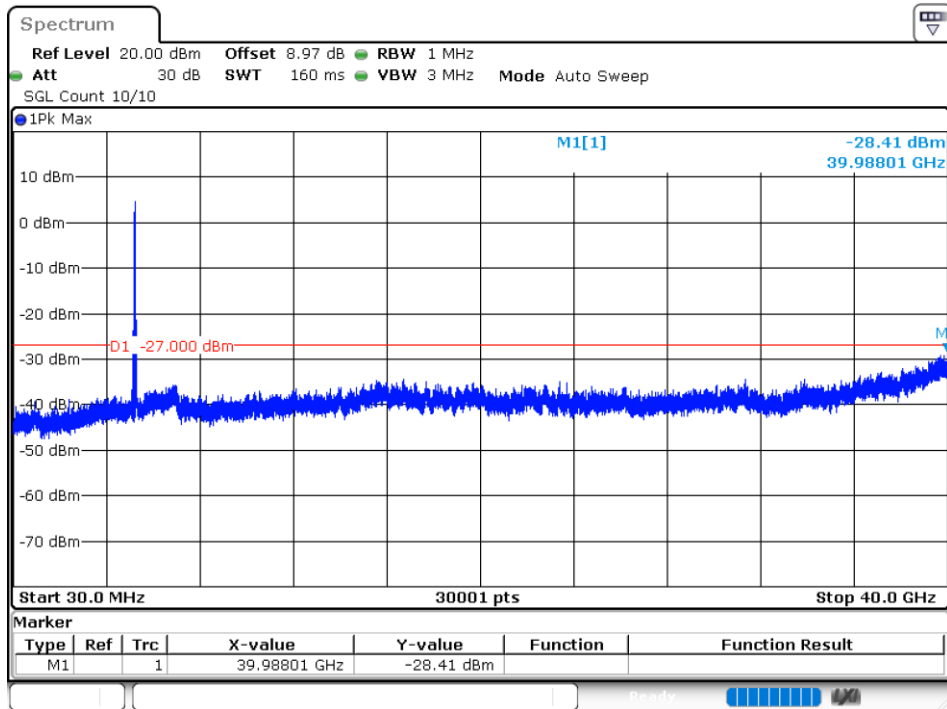
Tx. Spurious NVNT ac40 5190MHz Ant2 Emission



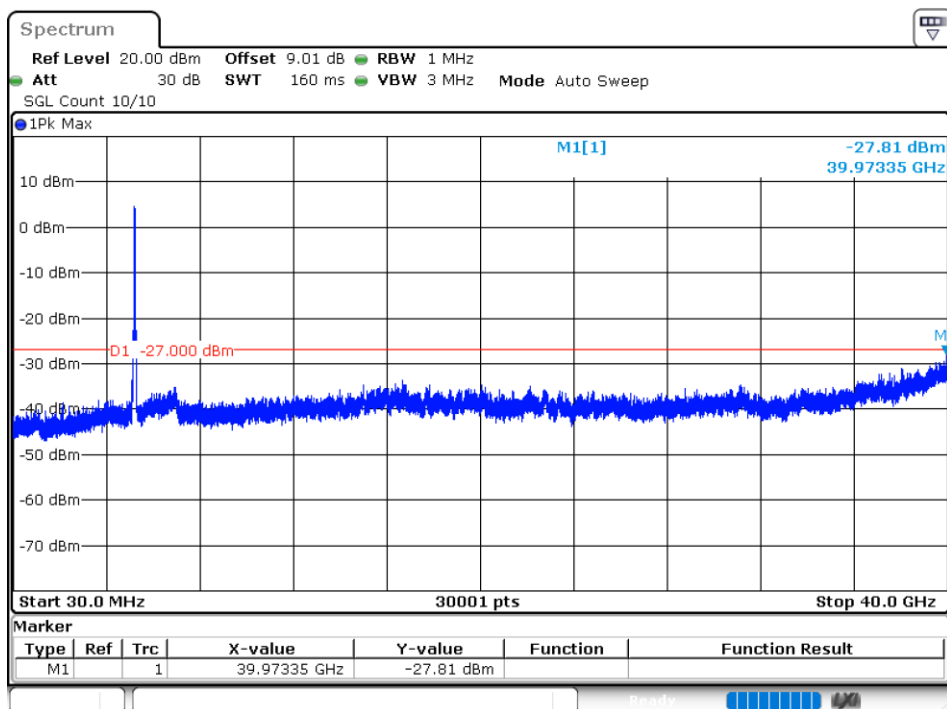
Tx. Spurious NVNT ac40 5230MHz Ant2 Emission



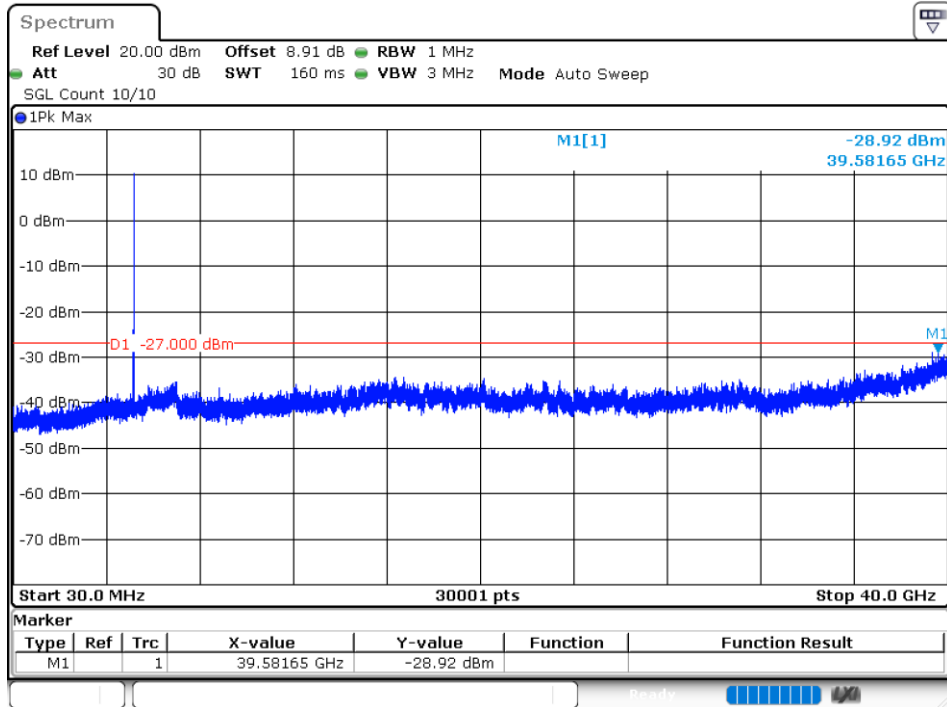
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



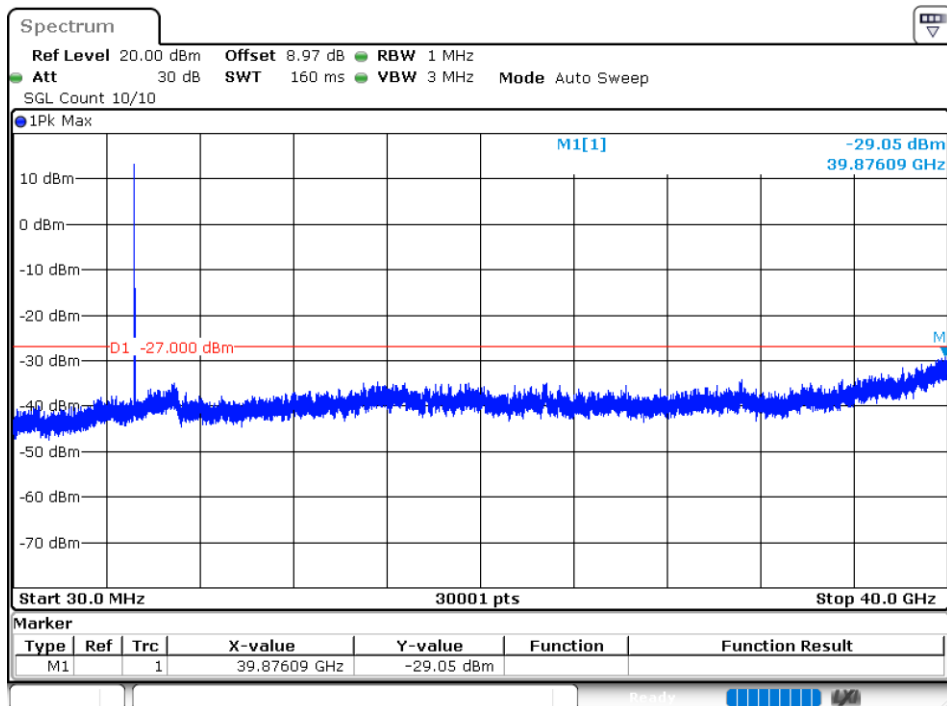
Tx. Spurious NVNT ac80 5210MHz Ant2 Emission



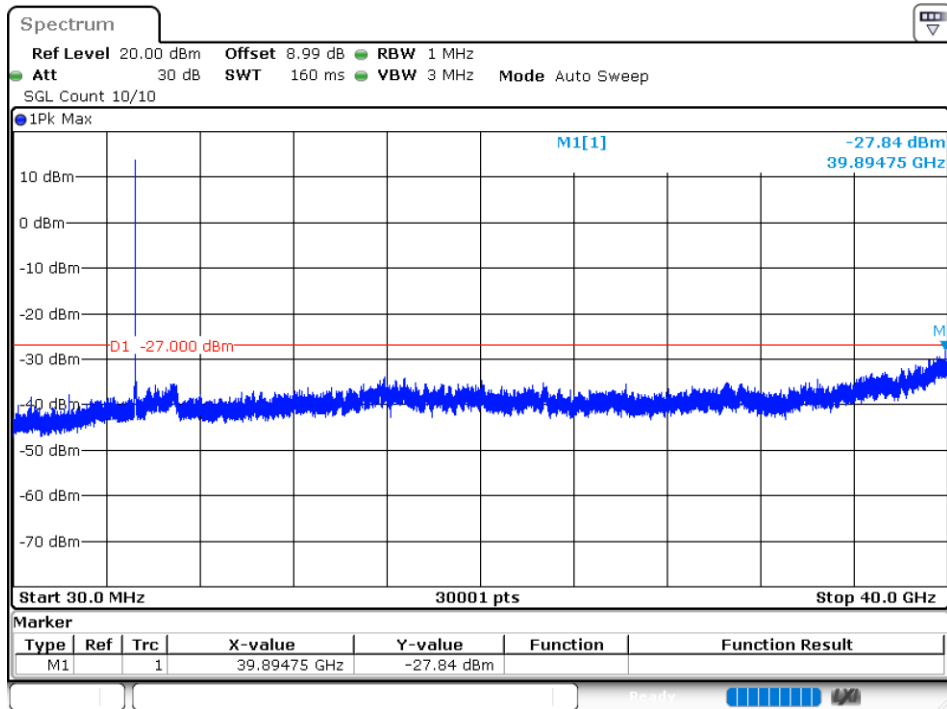
Tx. Spurious NVNT ax20 5180MHz Ant1 Emission



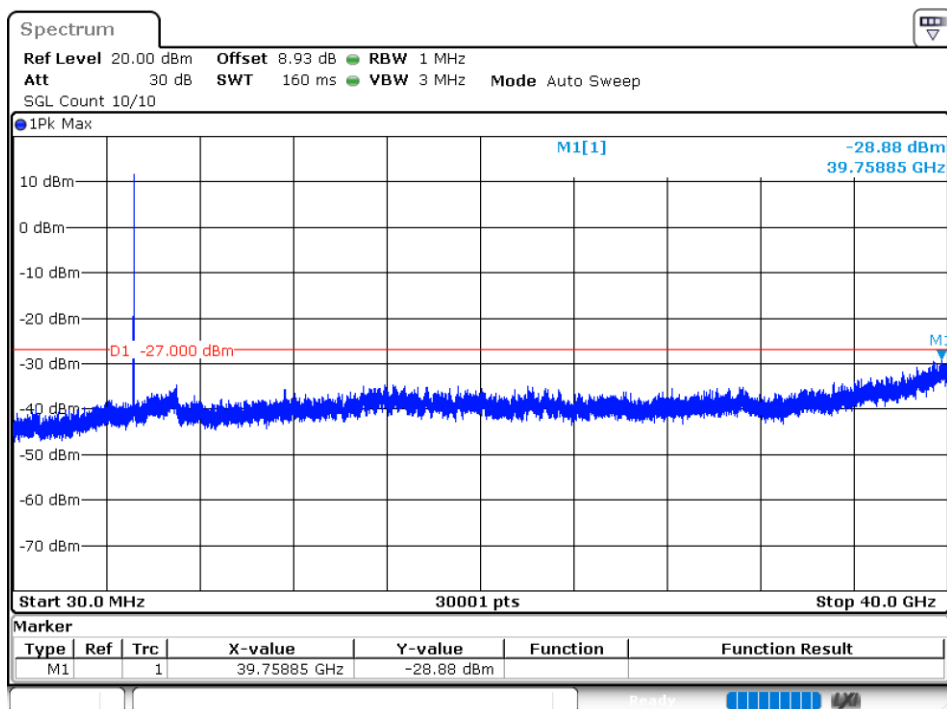
Tx. Spurious NVNT ax20 5200MHz Ant1 Emission



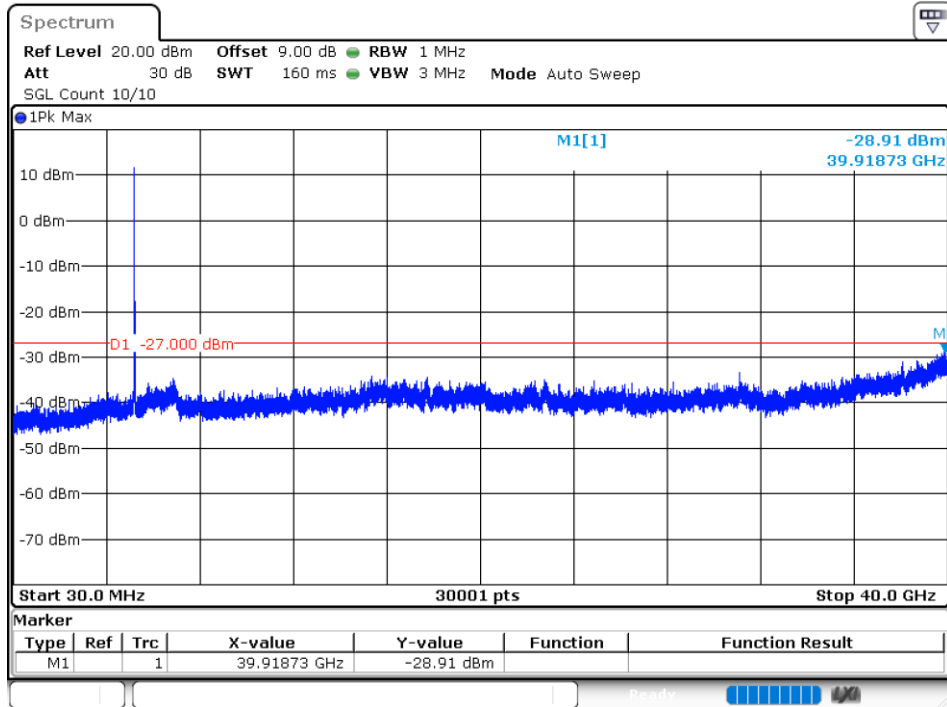
Tx. Spurious NVNT ax20 5240MHz Ant1 Emission



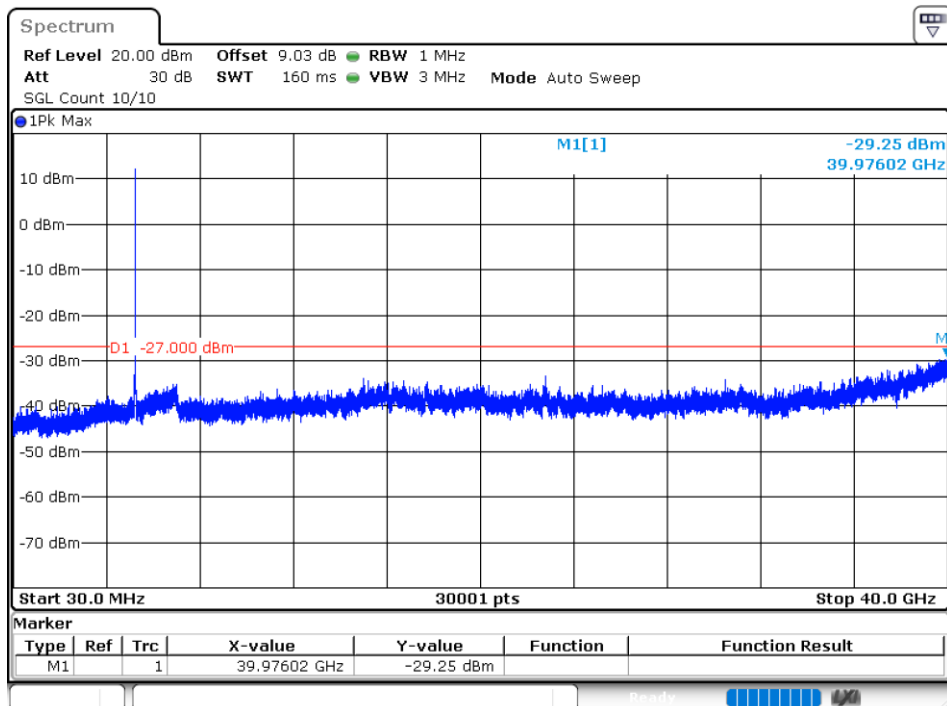
Tx. Spurious NVNT ax20 5180MHz Ant2 Emission



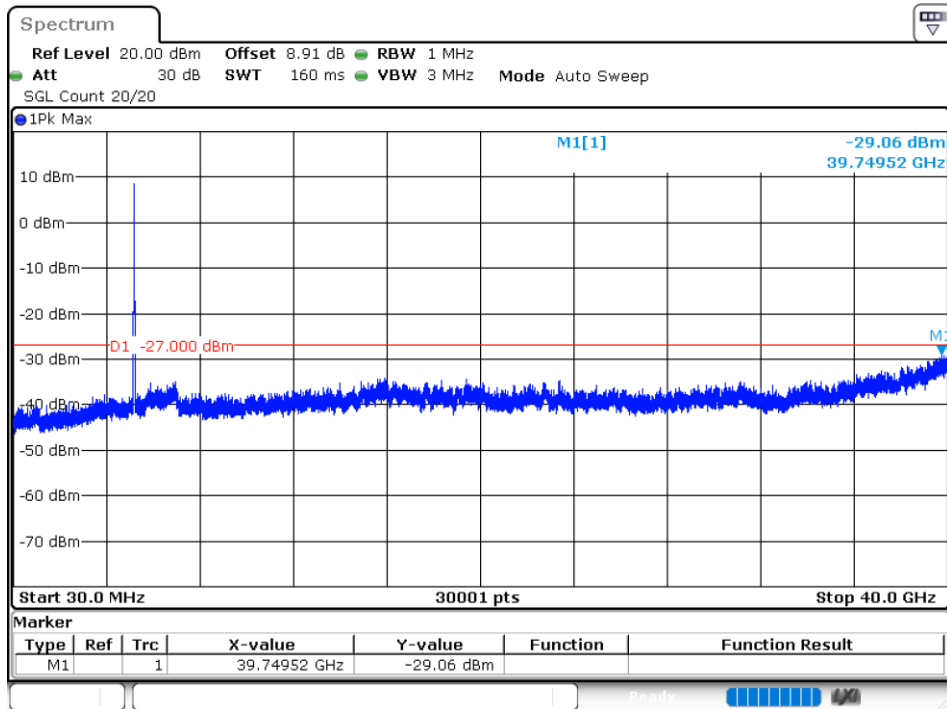
Tx. Spurious NVNT ax20 5200MHz Ant2 Emission



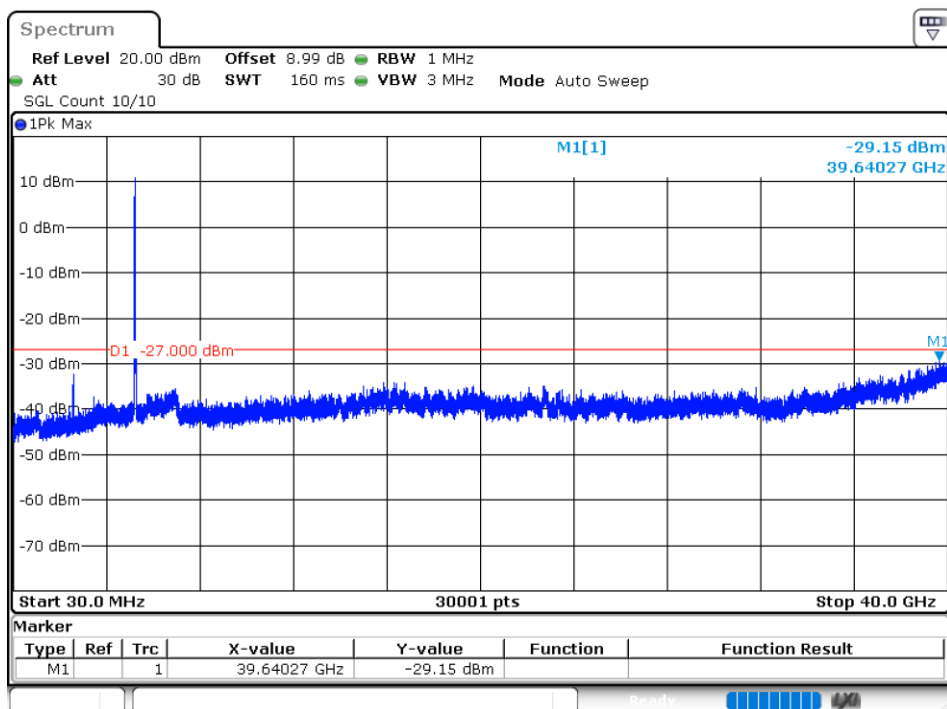
Tx. Spurious NVNT ax20 5240MHz Ant2 Emission



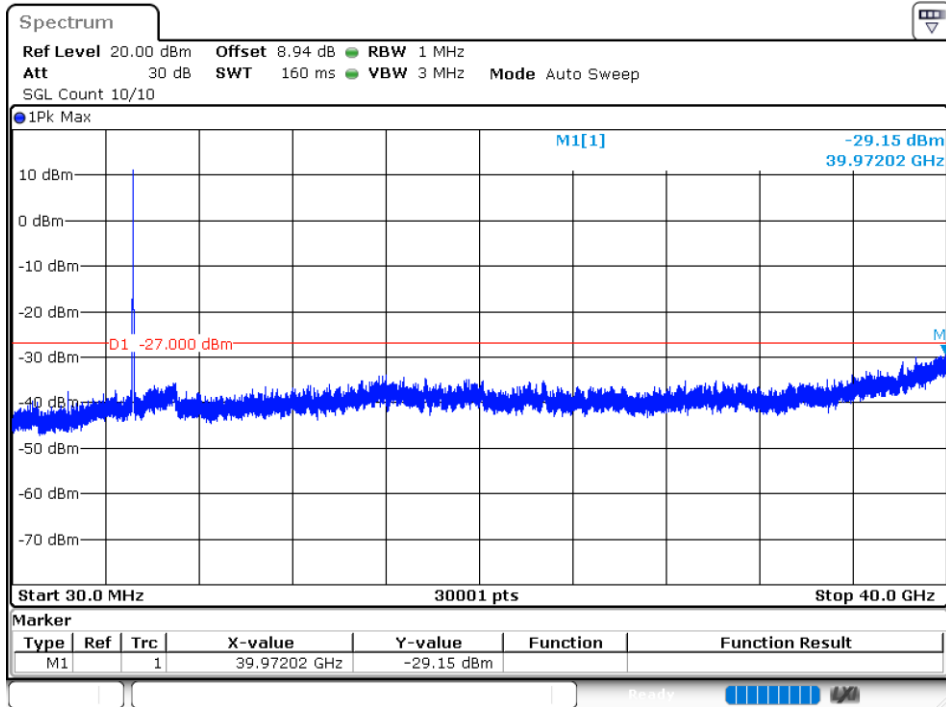
Tx. Spurious NVNT ax40 5190MHz Ant1 Emission



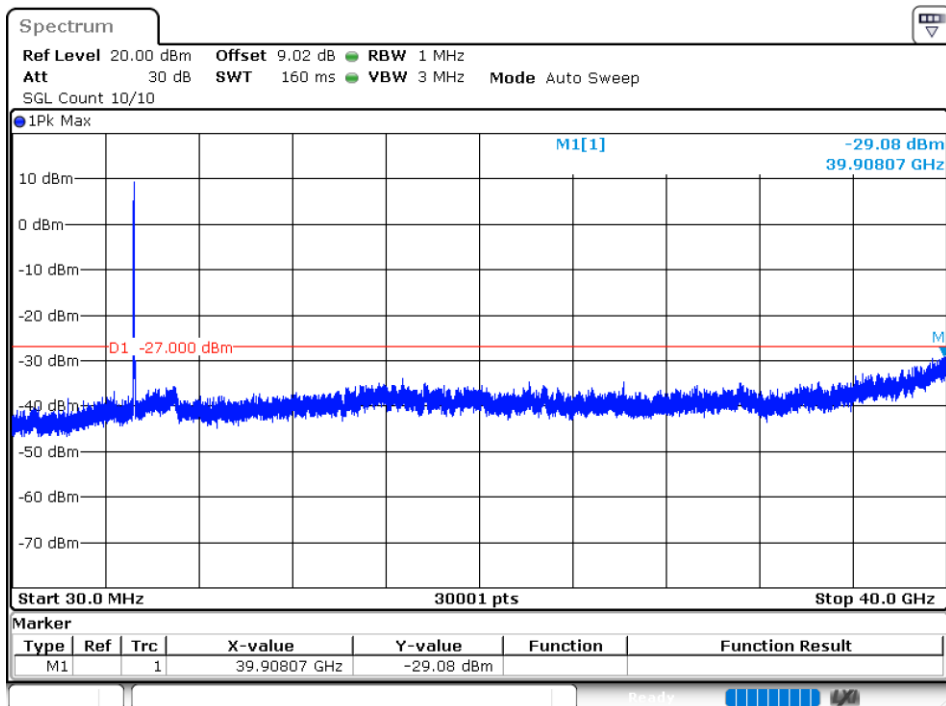
Tx. Spurious NVNT ax40 5230MHz Ant1 Emission



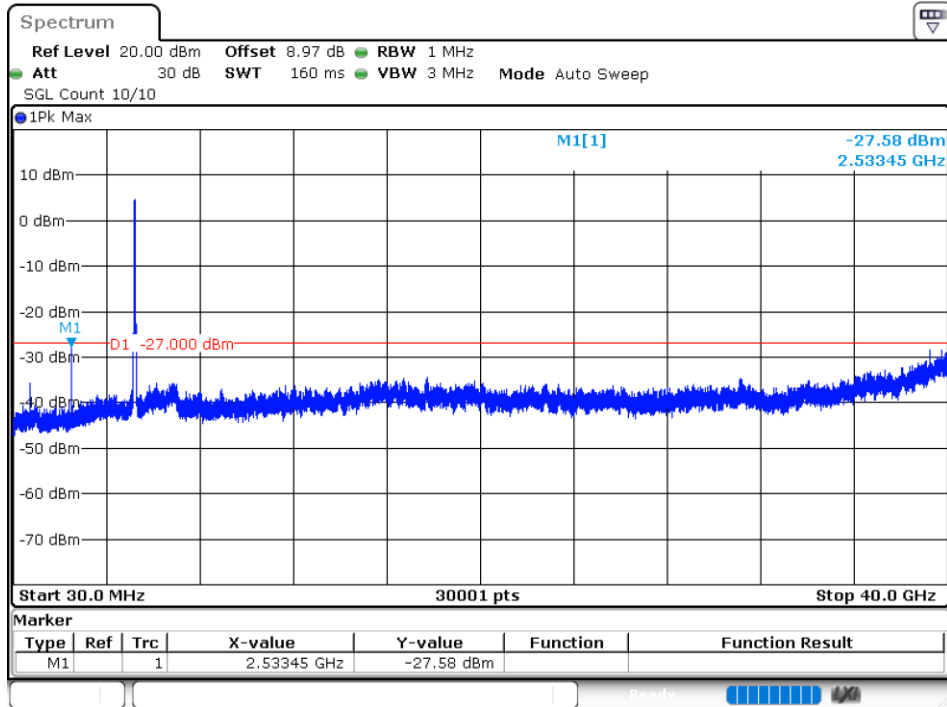
Tx. Spurious NVNT ax40 5190MHz Ant2 Emission



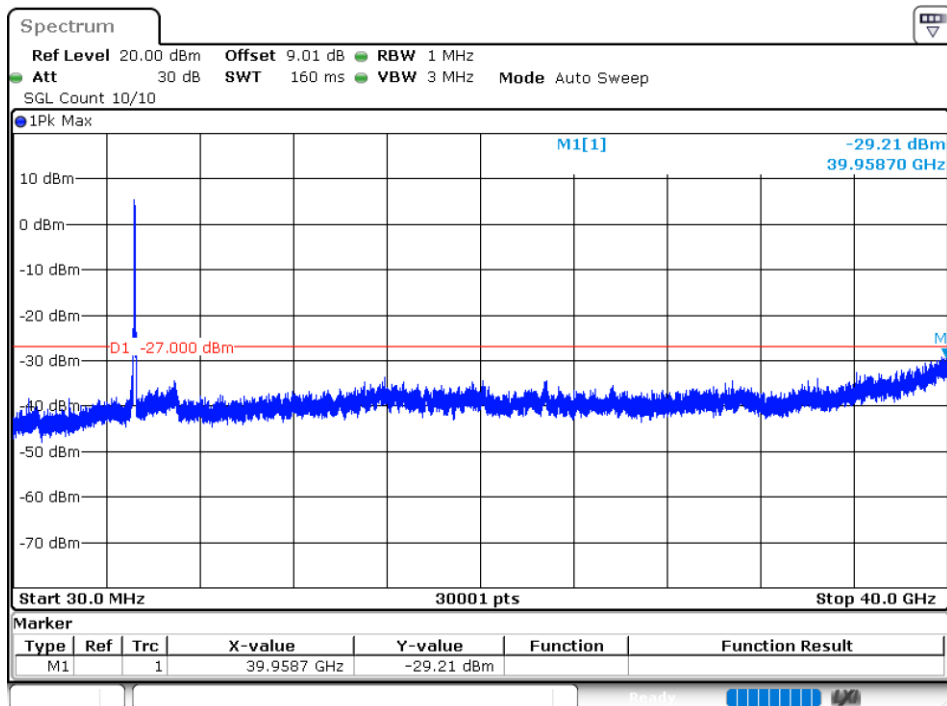
Tx. Spurious NVNT ax40 5230MHz Ant2 Emission



Tx. Spurious NVNT ax80 5210MHz Ant1 Emission



Tx. Spurious NVNT ax80 5210MHz Ant2 Emission



5.2G WIFI MIMO

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac20	5180	Sum	48.74	3.12	0.77
NVNT	ac20	5200	Sum	53.08	2.75	0.76
NVNT	ac20	5240	Sum	53.55	2.71	0.77
NVNT	ac40	5190	Sum	34.02	4.68	1.54
NVNT	ac40	5230	Sum	41.73	3.8	1.52
NVNT	ac80	5210	Sum	23.33	6.32	3.12
NVNT	ax20	5180	Sum	42.81	3.68	0.99
NVNT	ax20	5200	Sum	44.06	3.56	∞
NVNT	ax20	5240	Sum	43.88	3.58	∞
NVNT	ax40	5190	Sum	27.49	5.61	∞
NVNT	ax40	5230	Sum	31.15	5.07	∞
NVNT	ax80	5210	Sum	18.5	7.33	∞
NVNT	n20	5180	Sum	48.68	3.13	0.77
NVNT	n20	5200	Sum	50.99	2.92	0.77
NVNT	n20	5240	Sum	47.16	3.26	0.77
NVNT	n40	5190	Sum	32.65	4.86	1.54
NVNT	n40	5230	Sum	43.2	3.65	1.54

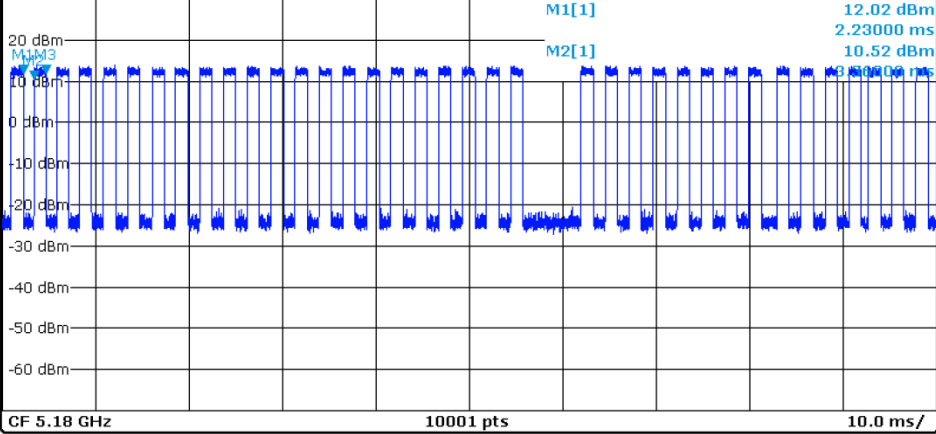
Test Graphs

Duty Cycle NVNT ac20 5180MHz Sum

Spectrum

Ref Level 30.00 dBm Offset 3.96 dB RBW 10 MHz
Att 40 dB SWT 100 ms VBW 10 MHz
SGL

1Pk Clrw



Marker

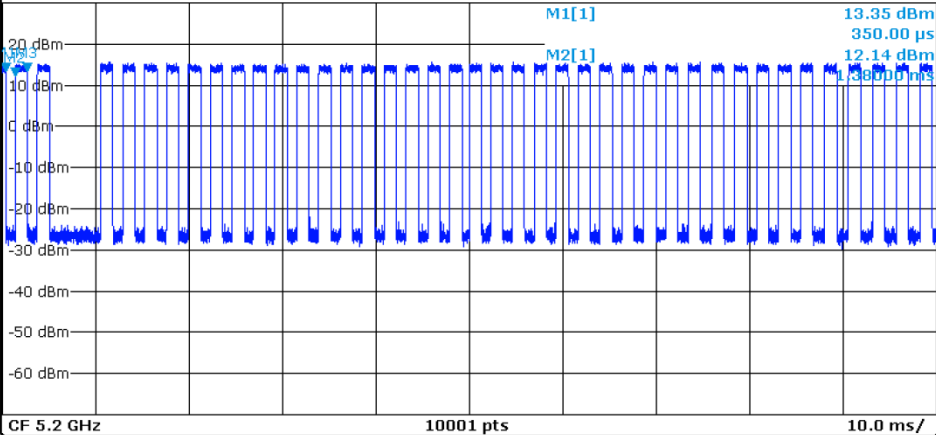
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.23 ms	12.02 dBm		
M2	1		3.36 ms	10.52 dBm		
M3	1		4.66 ms	11.86 dBm		

Duty Cycle NVNT ac20 5200MHz Sum

Spectrum

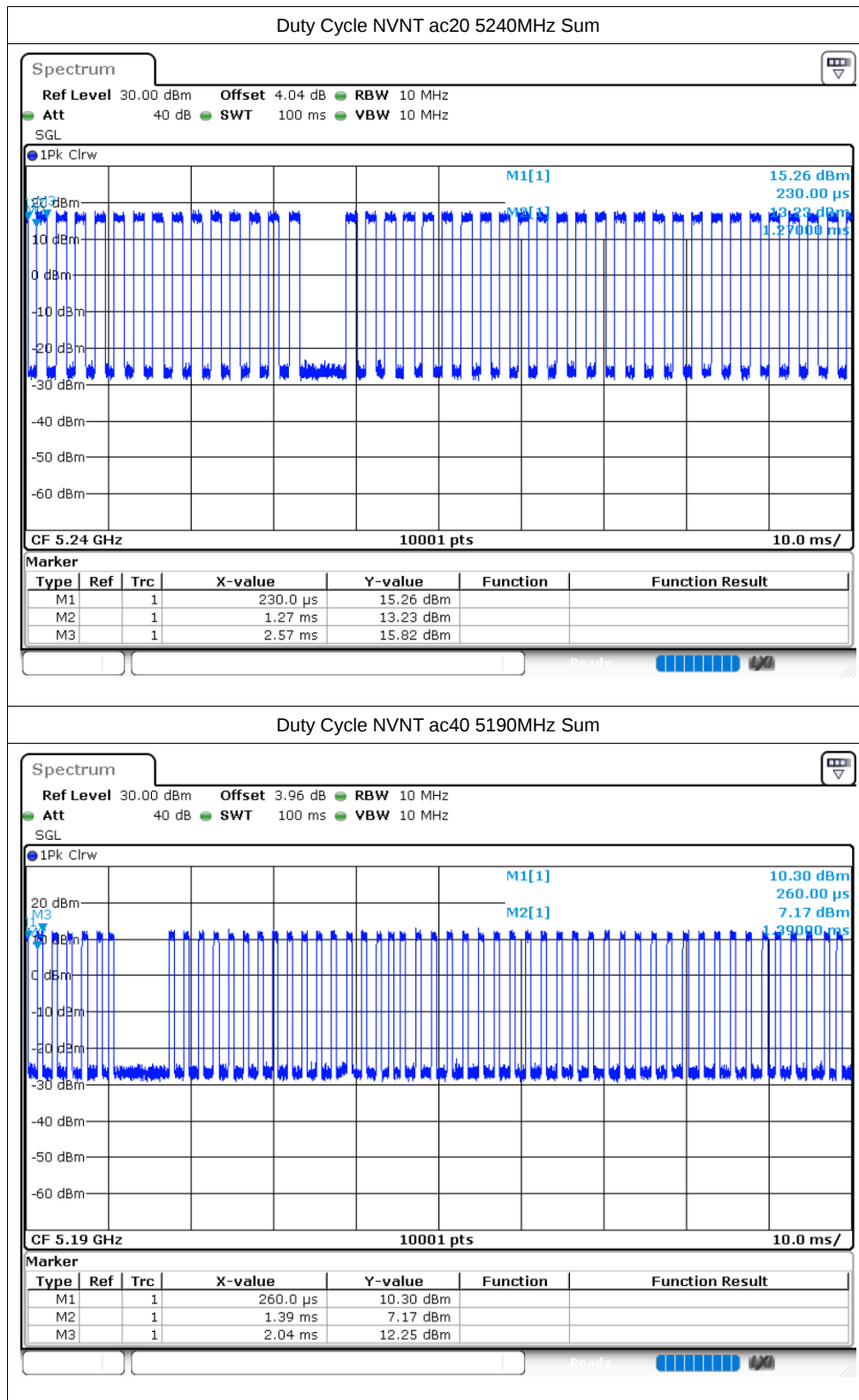
Ref Level 30.00 dBm Offset 4.02 dB RBW 10 MHz
Att 40 dB SWT 100 ms VBW 10 MHz
SGL

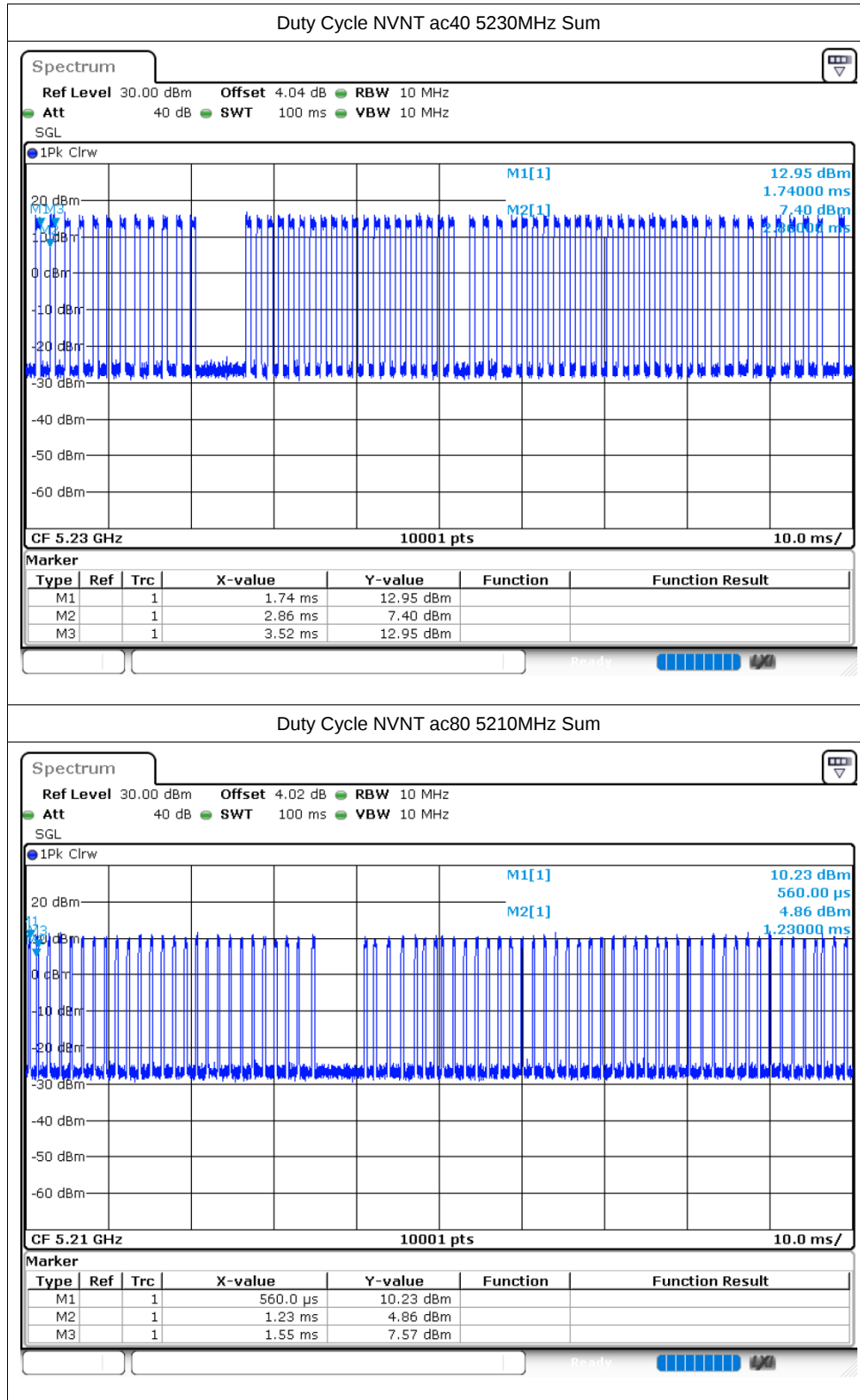
1Pk Clrw

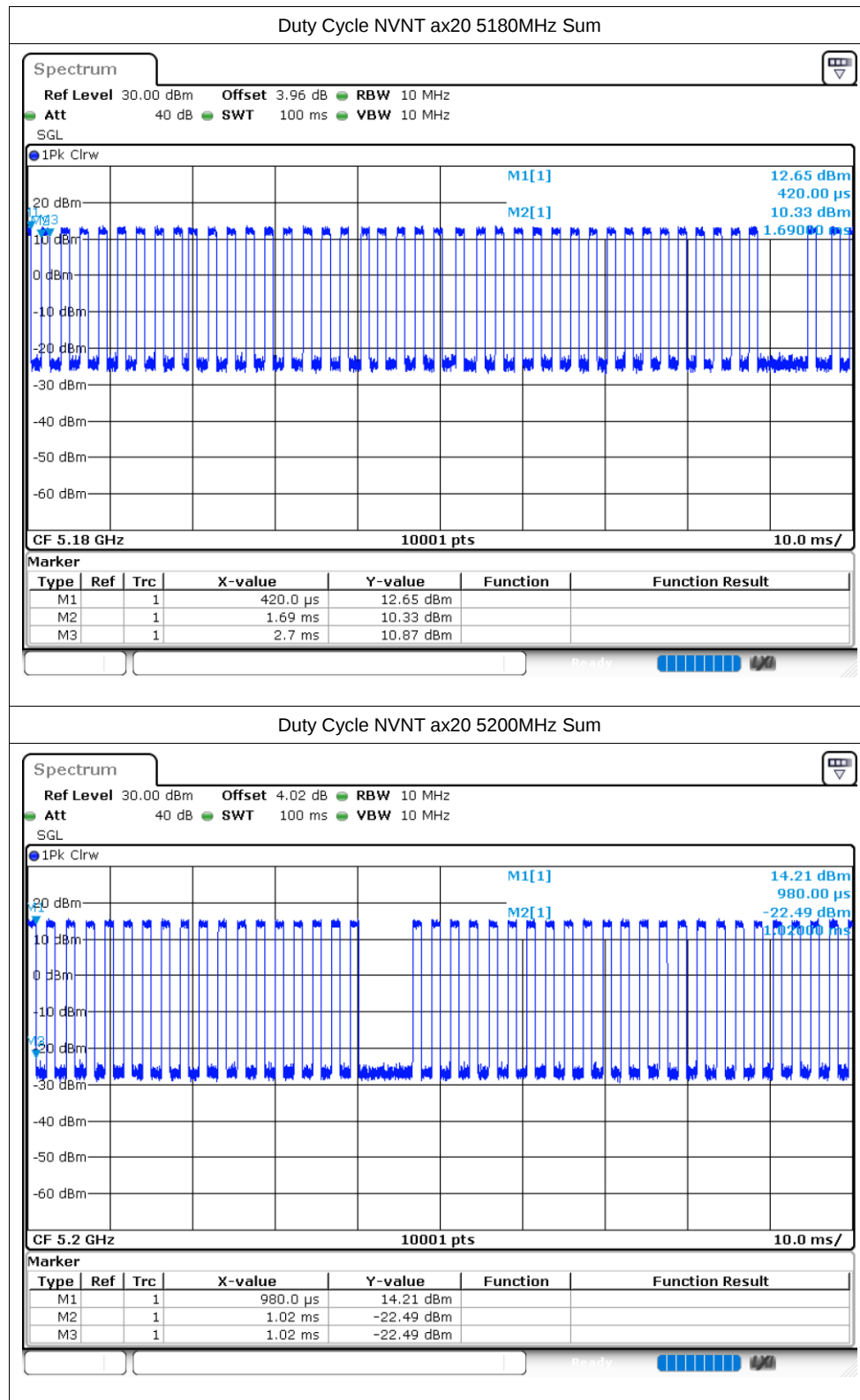


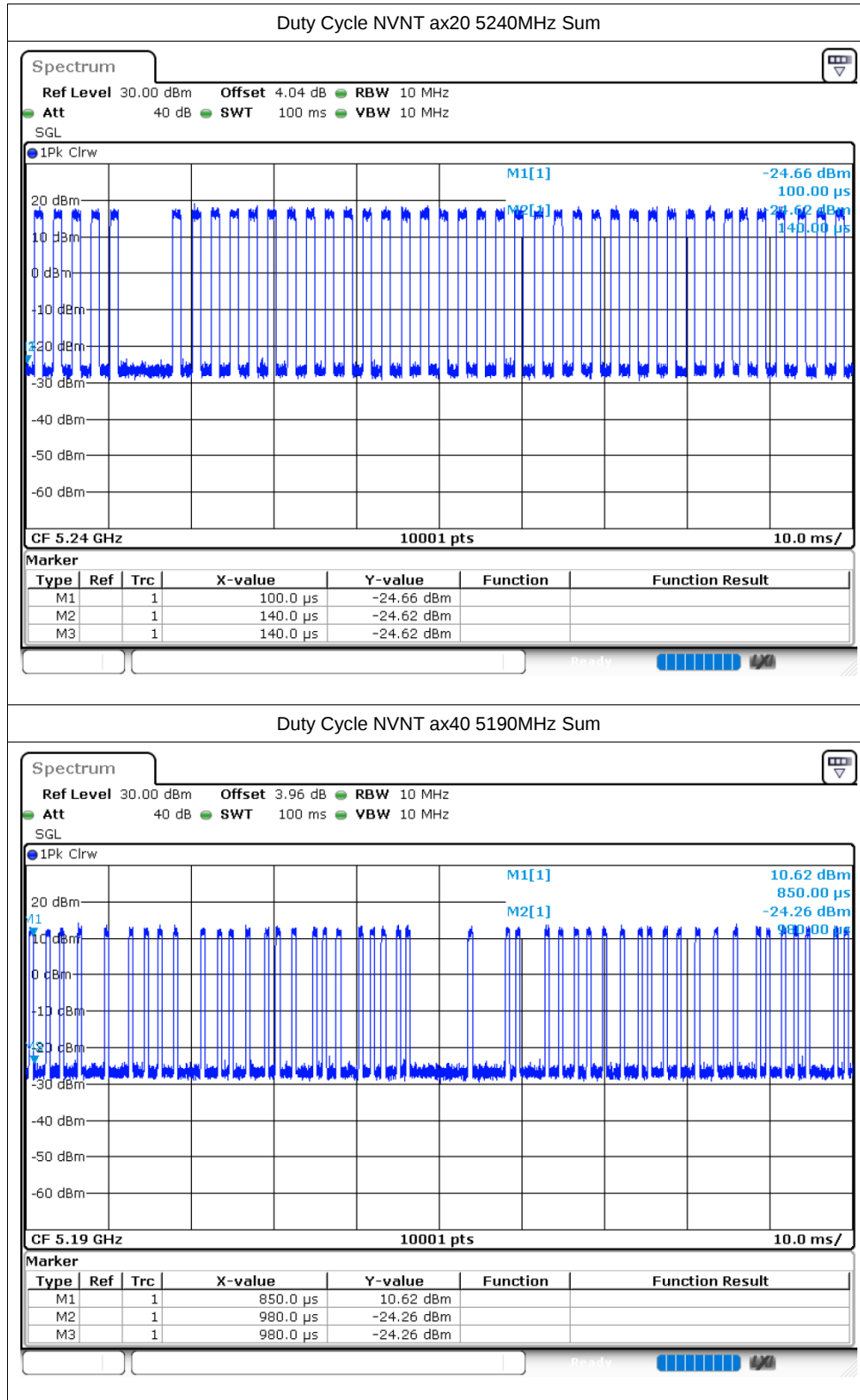
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		350.0 μ s	13.35 dBm		
M2	1		1.38 ms	12.14 dBm		
M3	1		2.69 ms	13.37 dBm		

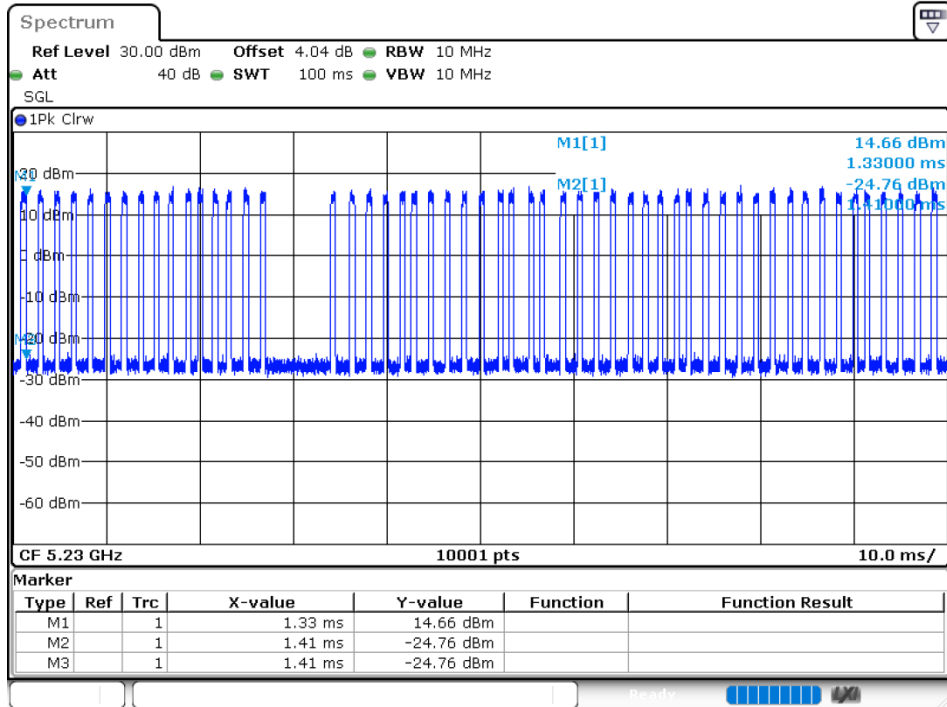




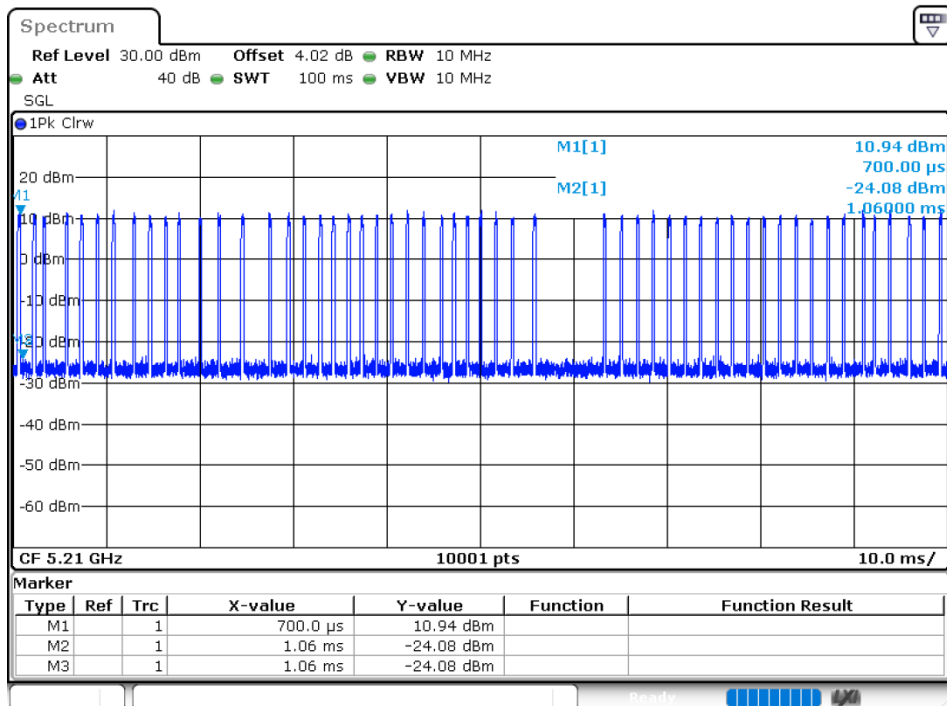


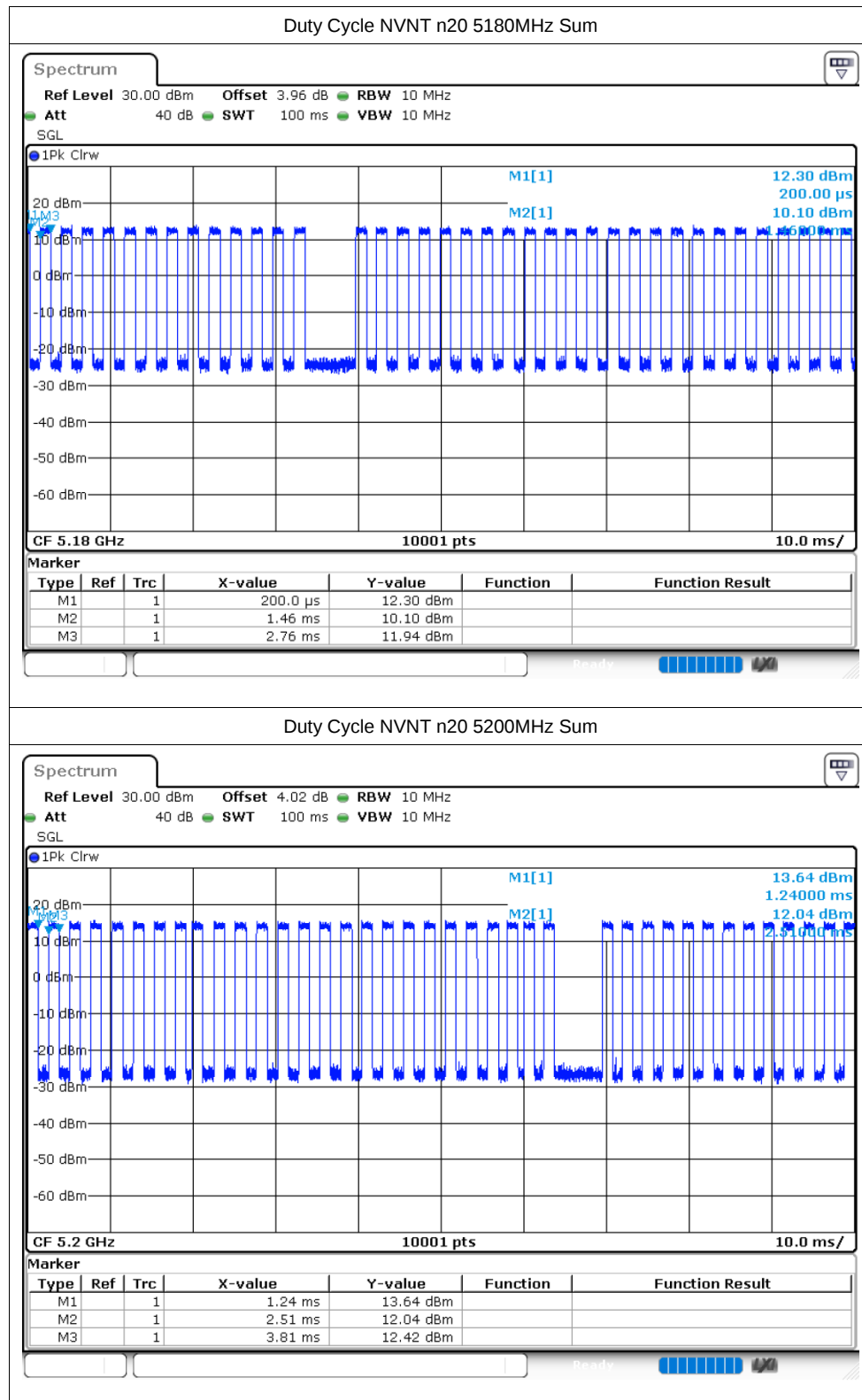


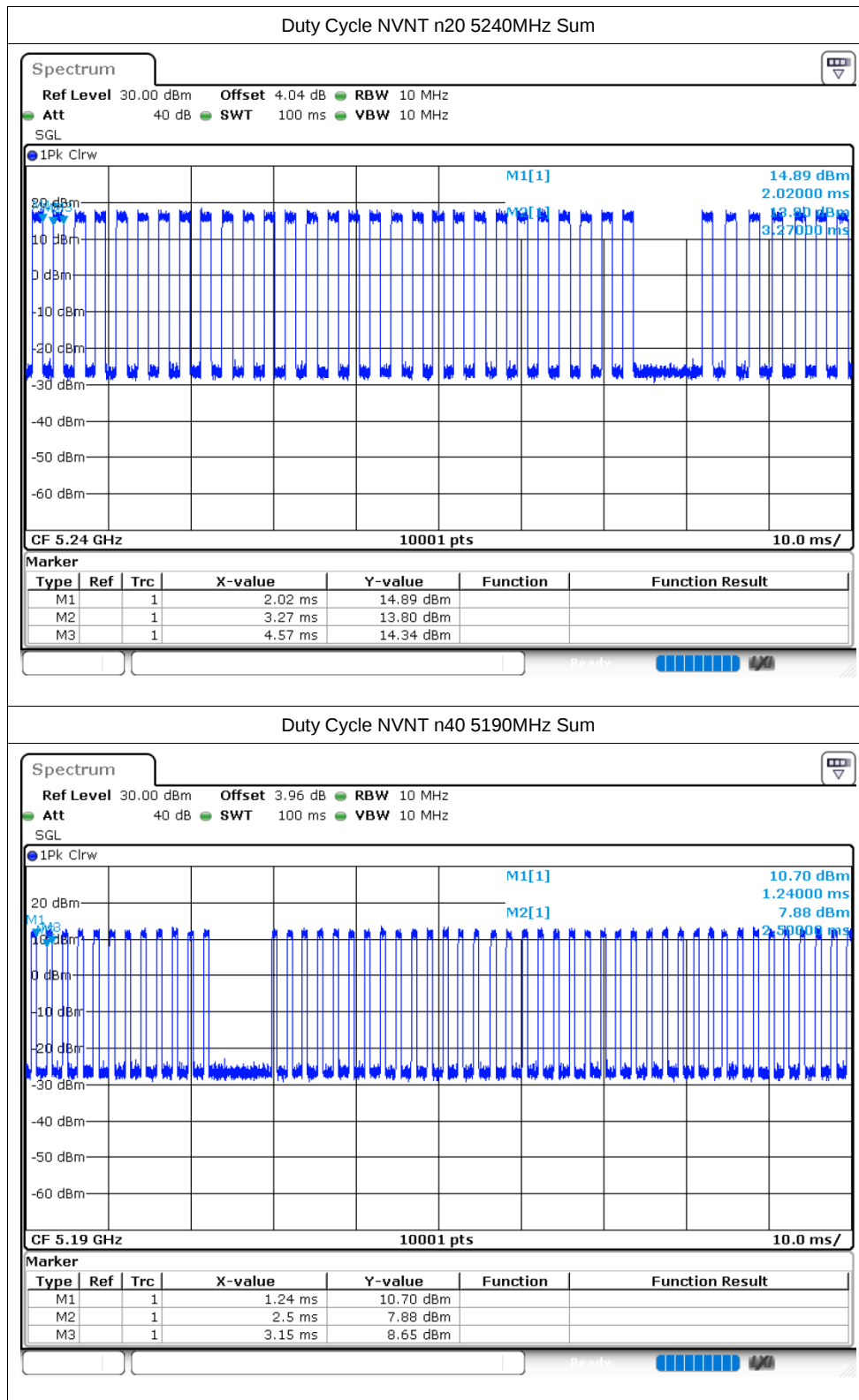
Duty Cycle NVNT ax40 5230MHz Sum

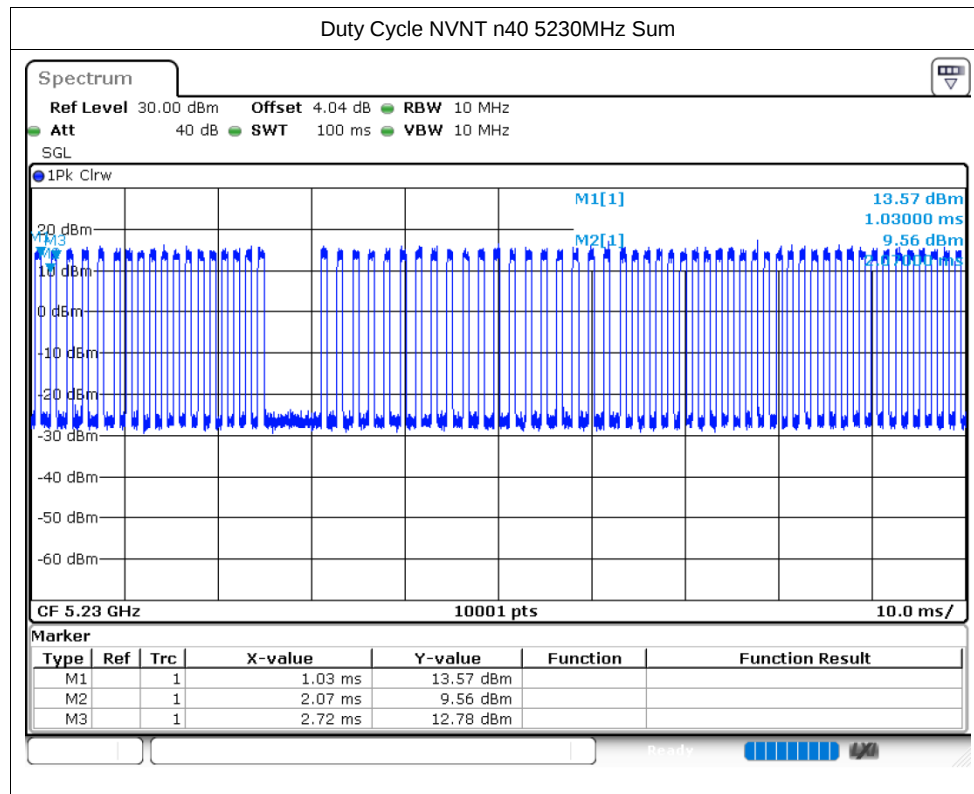


Duty Cycle NVNT ax80 5210MHz Sum









Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	9.17	21.82	Pass
NVNT	ac20	5180	Ant2	11.41	21.82	Pass
NVNT	ac20	5180	Sum	13.44	21.82	Pass
NVNT	ac20	5200	Ant1	9.77	21.82	Pass
NVNT	ac20	5200	Ant2	10.88	21.82	Pass
NVNT	ac20	5200	Sum	13.37	21.82	Pass
NVNT	ac20	5240	Ant1	11.71	21.82	Pass
NVNT	ac20	5240	Ant2	10.06	21.82	Pass
NVNT	ac20	5240	Sum	13.97	21.82	Pass
NVNT	ac40	5190	Ant1	10.26	21.82	Pass
NVNT	ac40	5190	Ant2	12	21.82	Pass
NVNT	ac40	5190	Sum	14.23	21.82	Pass
NVNT	ac40	5230	Ant1	11.84	21.82	Pass
NVNT	ac40	5230	Ant2	10.89	21.82	Pass
NVNT	ac40	5230	Sum	14.4	21.82	Pass
NVNT	ac80	5210	Ant1	10.68	21.82	Pass
NVNT	ac80	5210	Ant2	10.95	21.82	Pass
NVNT	ac80	5210	Sum	13.83	21.82	Pass
NVNT	ax20	5180	Ant1	9.55	21.82	Pass
NVNT	ax20	5180	Ant2	12.19	21.82	Pass
NVNT	ax20	5180	Sum	14.08	21.82	Pass
NVNT	ax20	5200	Ant1	10.39	21.82	Pass
NVNT	ax20	5200	Ant2	11.72	21.82	Pass
NVNT	ax20	5200	Sum	14.12	21.82	Pass
NVNT	ax20	5240	Ant1	11.96	21.82	Pass
NVNT	ax20	5240	Ant2	10.79	21.82	Pass
NVNT	ax20	5240	Sum	14.42	21.82	Pass
NVNT	ax40	5190	Ant1	10.53	21.82	Pass
NVNT	ax40	5190	Ant2	12.17	21.82	Pass
NVNT	ax40	5190	Sum	14.44	21.82	Pass
NVNT	ax40	5230	Ant1	12.11	21.82	Pass
NVNT	ax40	5230	Ant2	10.97	21.82	Pass
NVNT	ax40	5230	Sum	14.59	21.82	Pass
NVNT	ax80	5210	Ant1	11.27	21.82	Pass
NVNT	ax80	5210	Ant2	11.45	21.82	Pass
NVNT	ax80	5210	Sum	14.37	21.82	Pass
NVNT	n20	5180	Ant1	8.78	21.82	Pass
NVNT	n20	5180	Ant2	11.42	21.82	Pass
NVNT	n20	5180	Sum	13.31	21.82	Pass
NVNT	n20	5200	Ant1	10.17	21.82	Pass

NVNT	n20	5200	Ant2	10.85	21.82	Pass
NVNT	n20	5200	Sum	13.53	21.82	Pass
NVNT	n20	5240	Ant1	11.88	21.82	Pass
NVNT	n20	5240	Ant2	10.17	21.82	Pass
NVNT	n20	5240	Sum	14.12	21.82	Pass
NVNT	n40	5190	Ant1	9.79	21.82	Pass
NVNT	n40	5190	Ant2	11.49	21.82	Pass
NVNT	n40	5190	Sum	13.73	21.82	Pass
NVNT	n40	5230	Ant1	11.57	21.82	Pass
NVNT	n40	5230	Ant2	10.28	21.82	Pass
NVNT	n40	5230	Sum	13.98	21.82	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	ac20	5180	Ant1	25.902	0.5	Pass
NVNT	ac20	5180	Ant2	24.357	0.5	Pass
NVNT	ac20	5200	Ant1	28.14	0.5	Pass
NVNT	ac20	5200	Ant2	23.205	0.5	Pass
NVNT	ac20	5240	Ant1	20.784	0.5	Pass
NVNT	ac20	5240	Ant2	19.989	0.5	Pass
NVNT	ac40	5190	Ant1	56.706	0.5	Pass
NVNT	ac40	5190	Ant2	58.644	0.5	Pass
NVNT	ac40	5230	Ant1	40.74	0.5	Pass
NVNT	ac40	5230	Ant2	40.392	0.5	Pass
NVNT	ac80	5210	Ant1	101.556	0	Pass
NVNT	ac80	5210	Ant2	108.288	0	Pass
NVNT	ax20	5180	Ant1	26.55	0.5	Pass
NVNT	ax20	5180	Ant2	24.774	0.5	Pass
NVNT	ax20	5200	Ant1	23.886	0.5	Pass
NVNT	ax20	5200	Ant2	24.393	0.5	Pass
NVNT	ax20	5240	Ant1	20.589	0.5	Pass
NVNT	ax20	5240	Ant2	20.382	0.5	Pass
NVNT	ax40	5190	Ant1	48.426	0.5	Pass
NVNT	ax40	5190	Ant2	52.338	0.5	Pass
NVNT	ax40	5230	Ant1	39.438	0.5	Pass
NVNT	ax40	5230	Ant2	39.48	0.5	Pass
NVNT	ax80	5210	Ant1	86.496	0.5	Pass
NVNT	ax80	5210	Ant2	86.556	0.5	Pass
NVNT	n20	5180	Ant1	27.669	0.5	Pass
NVNT	n20	5180	Ant2	22.251	0.5	Pass
NVNT	n20	5200	Ant1	26.691	0.5	Pass
NVNT	n20	5200	Ant2	22.689	0.5	Pass
NVNT	n20	5240	Ant1	19.986	0.5	Pass
NVNT	n20	5240	Ant2	19.758	0.5	Pass
NVNT	n40	5190	Ant1	53.766	0	Pass
NVNT	n40	5190	Ant2	50.982	0	Pass
NVNT	n40	5230	Ant1	47.016	0.5	Pass
NVNT	n40	5230	Ant2	41.244	0.5	Pass

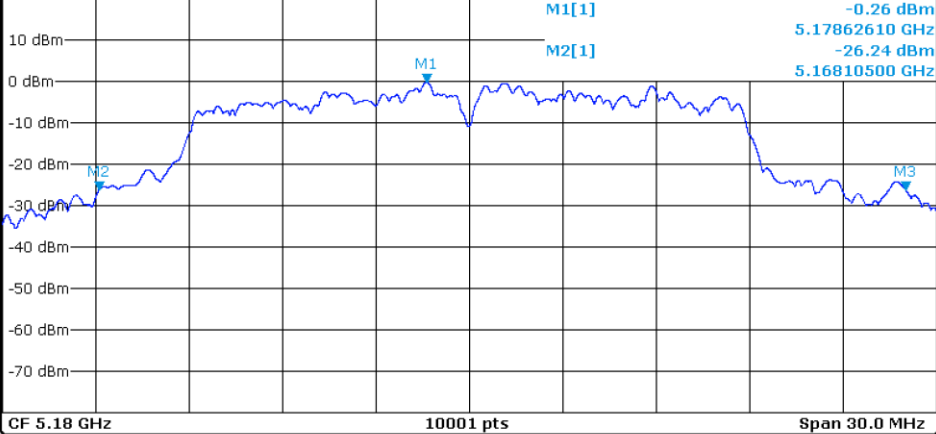
Test Graphs

-26dB Bandwidth NVNT ac20 5180MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 3.96 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

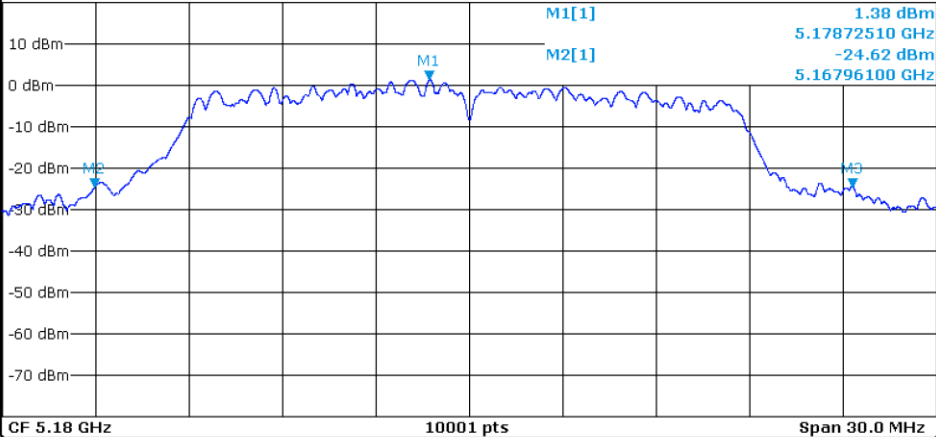
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1786261 GHz	-0.26 dBm		
M2		1	5.168105 GHz	-26.24 dBm		
M3		1	5.194007 GHz	-26.26 dBm		

-26dB Bandwidth NVNT ac20 5180MHz Ant2

Spectrum

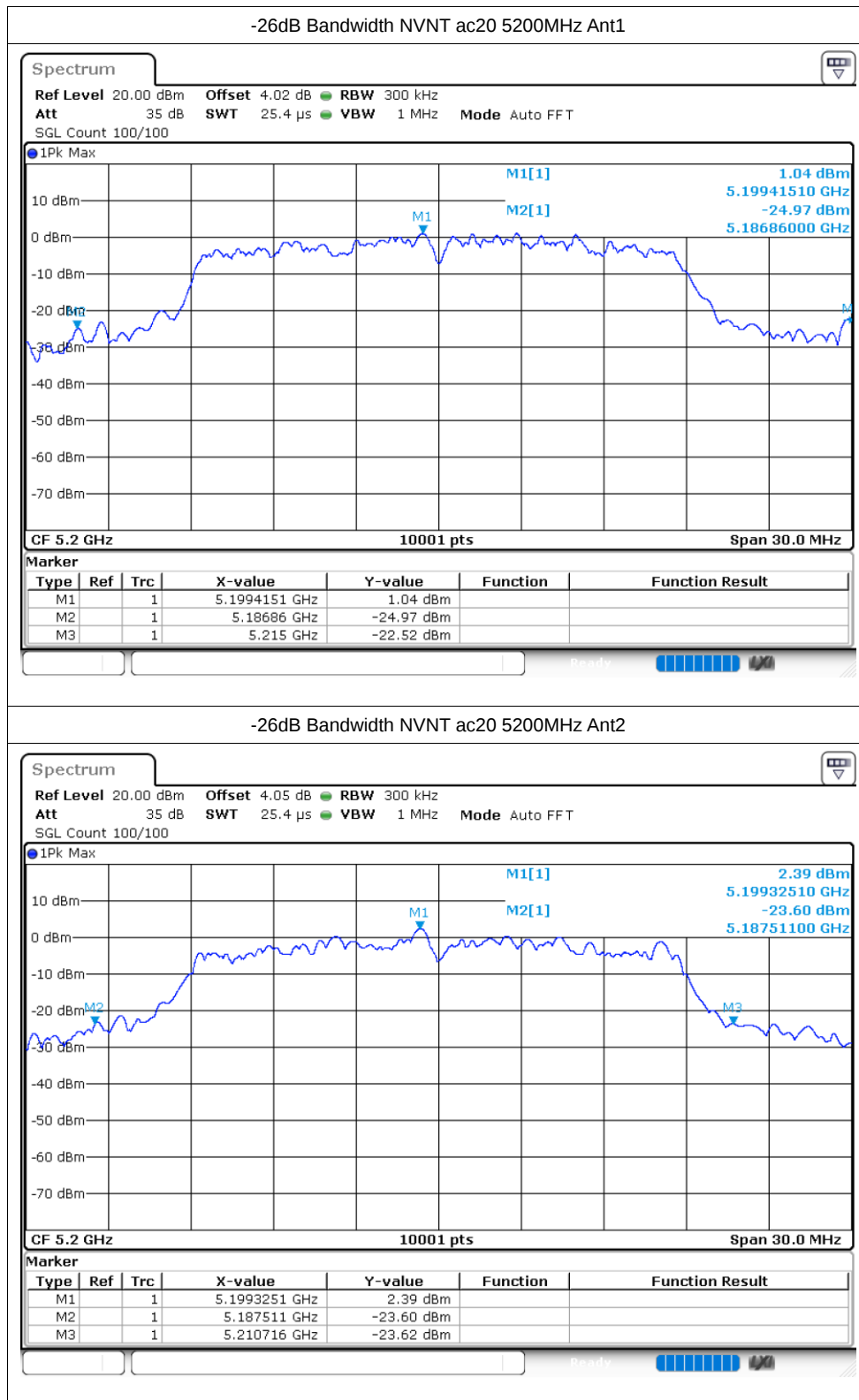
Ref Level 20.00 dBm Offset 3.98 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1787251 GHz	1.38 dBm		
M2		1	5.167961 GHz	-24.62 dBm		
M3		1	5.192318 GHz	-24.62 dBm		

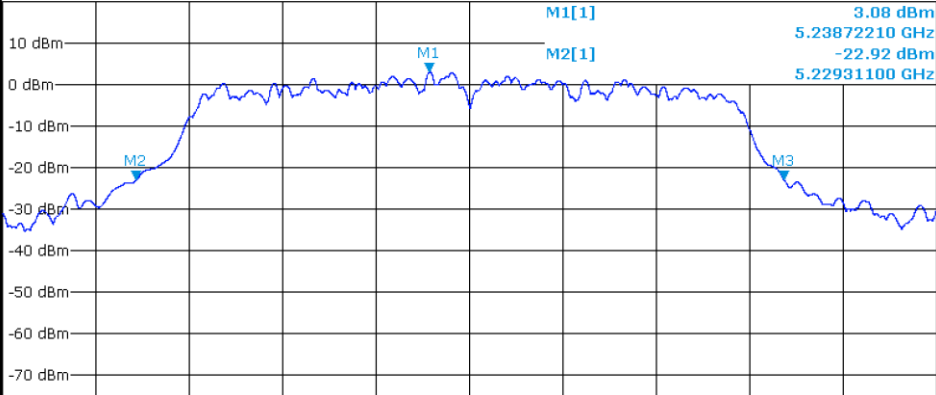


-26dB Bandwidth NVNT ac20 5240MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.04 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



CF 5.24 GHz 10001 pts Span 30.0 MHz

Marker

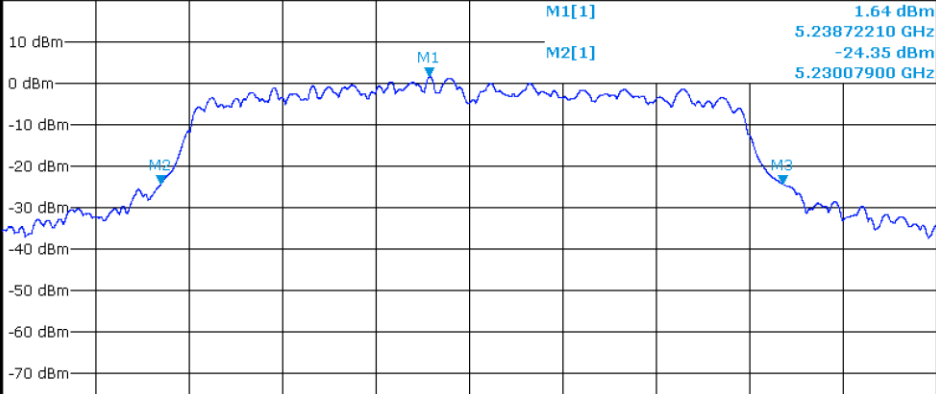
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2387221 GHz	3.08 dBm		
M2		1	5.229311 GHz	-22.92 dBm		
M3		1	5.250095 GHz	-22.91 dBm		

-26dB Bandwidth NVNT ac20 5240MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.08 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max

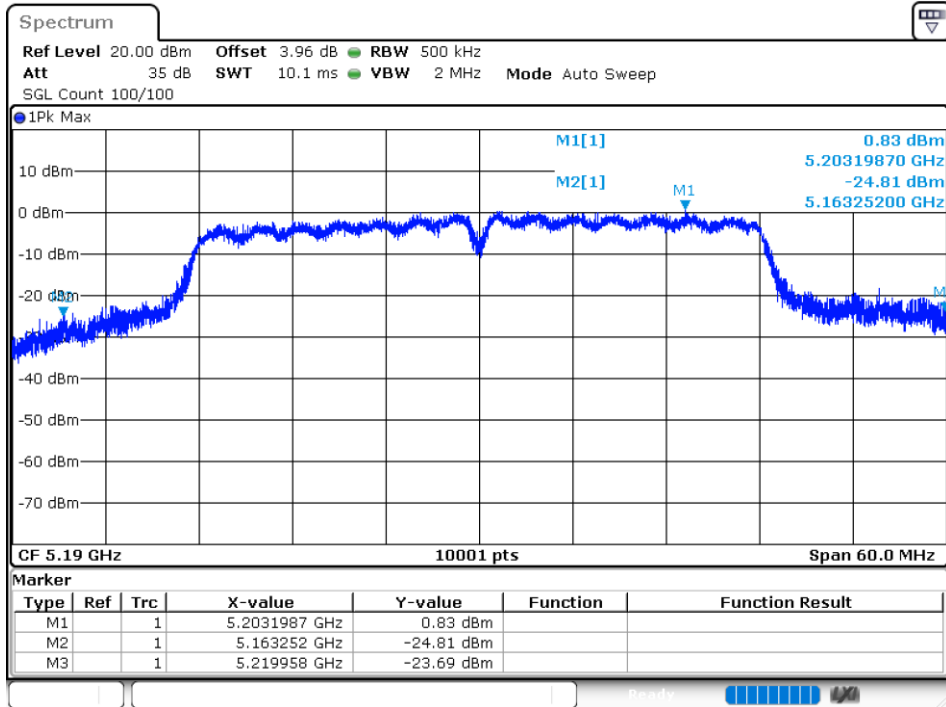


CF 5.24 GHz 10001 pts Span 30.0 MHz

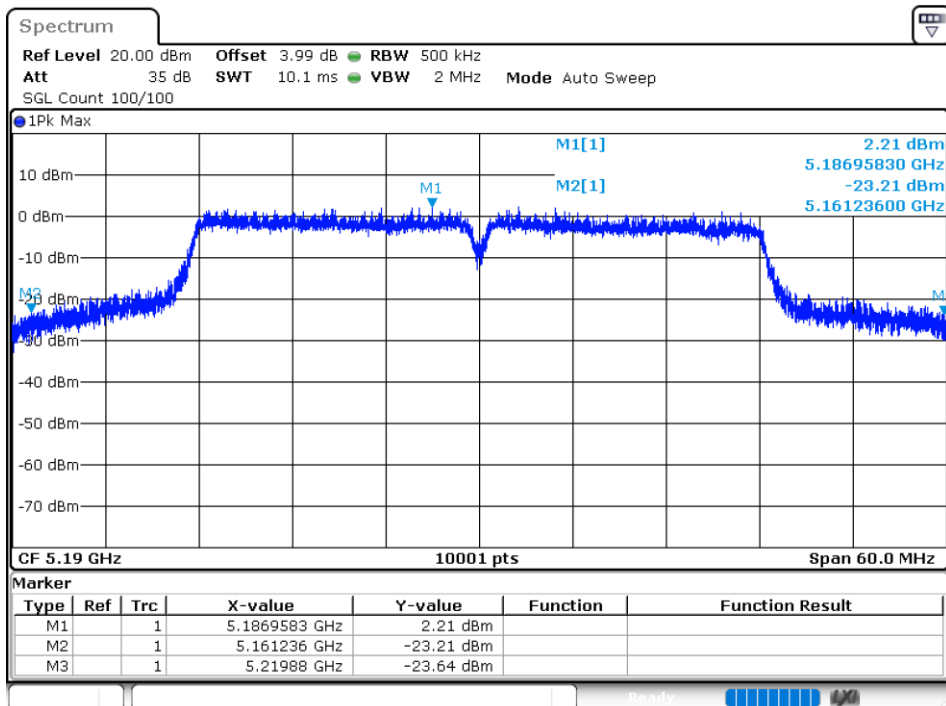
Marker

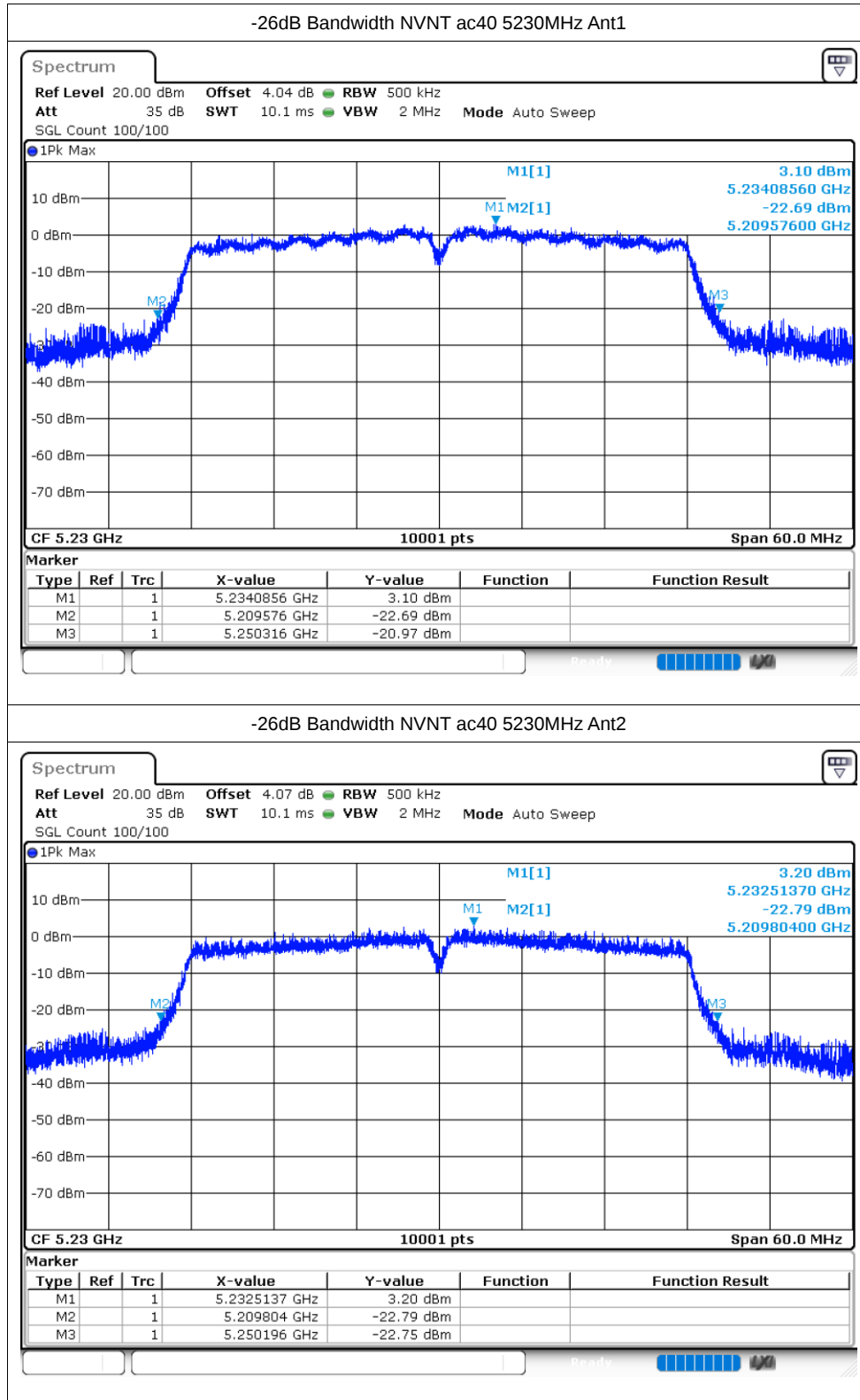
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2387221 GHz	1.64 dBm		
M2		1	5.230079 GHz	-24.35 dBm		
M3		1	5.250068 GHz	-24.37 dBm		

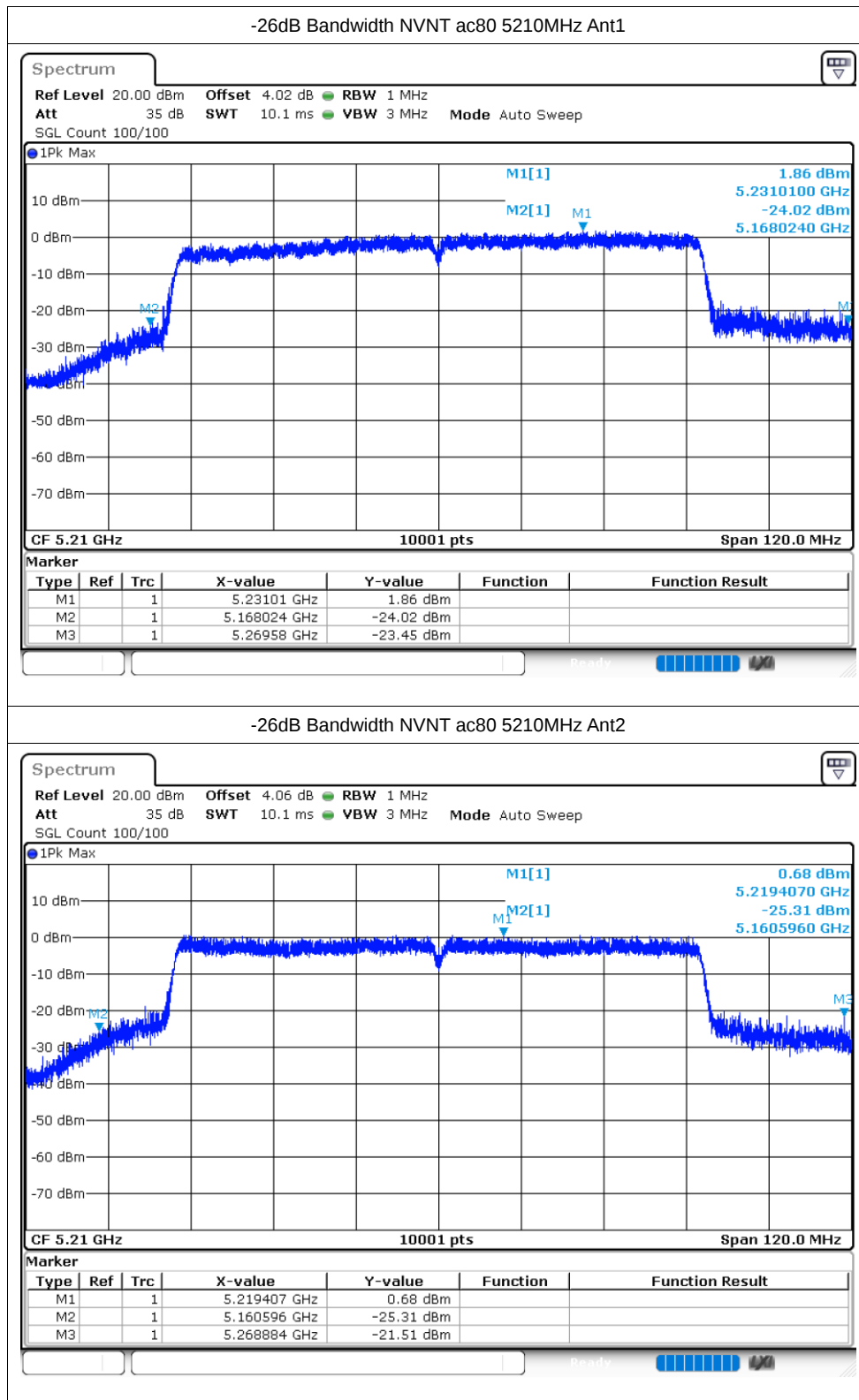
-26dB Bandwidth NVNT ac40 5190MHz Ant1

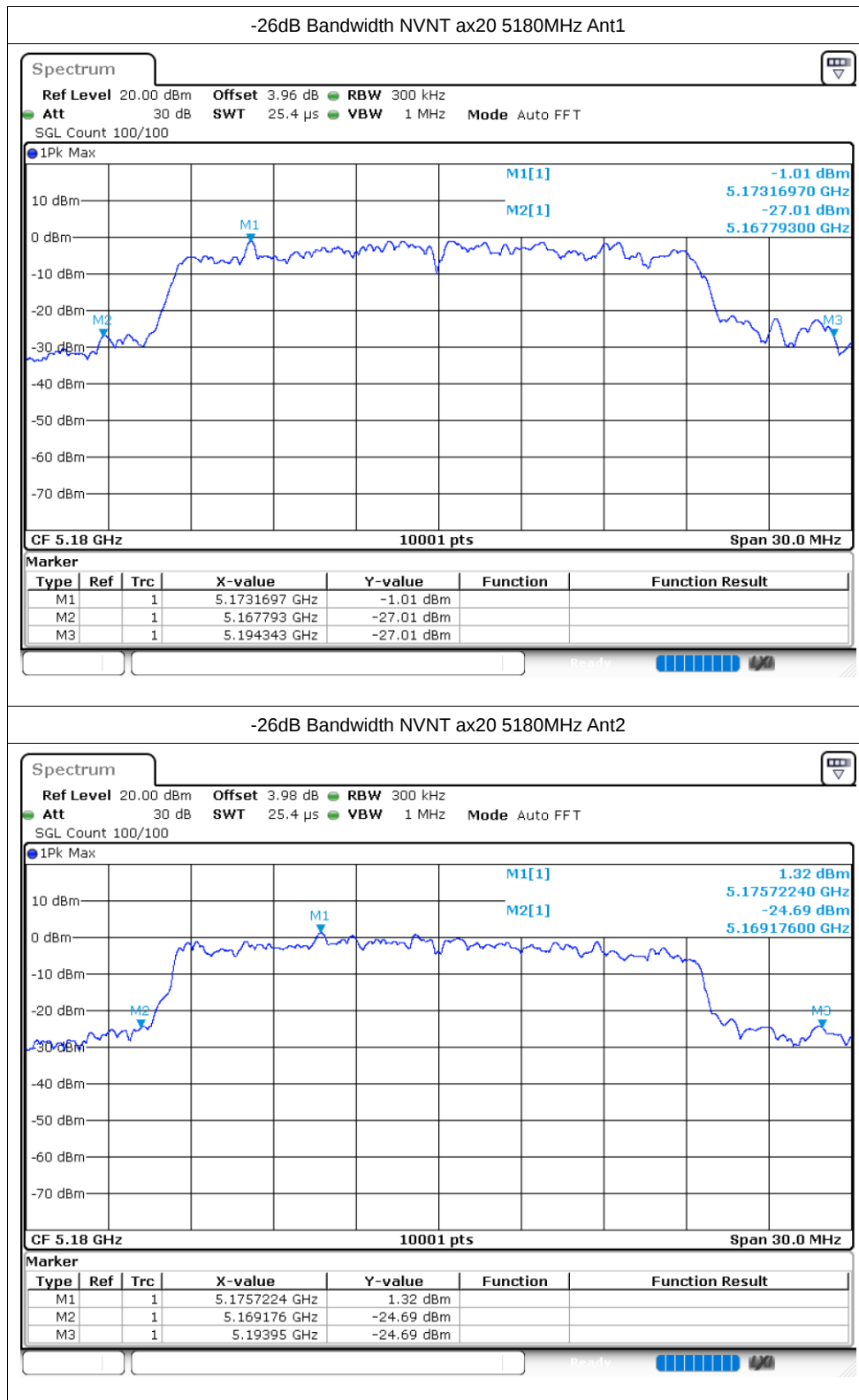


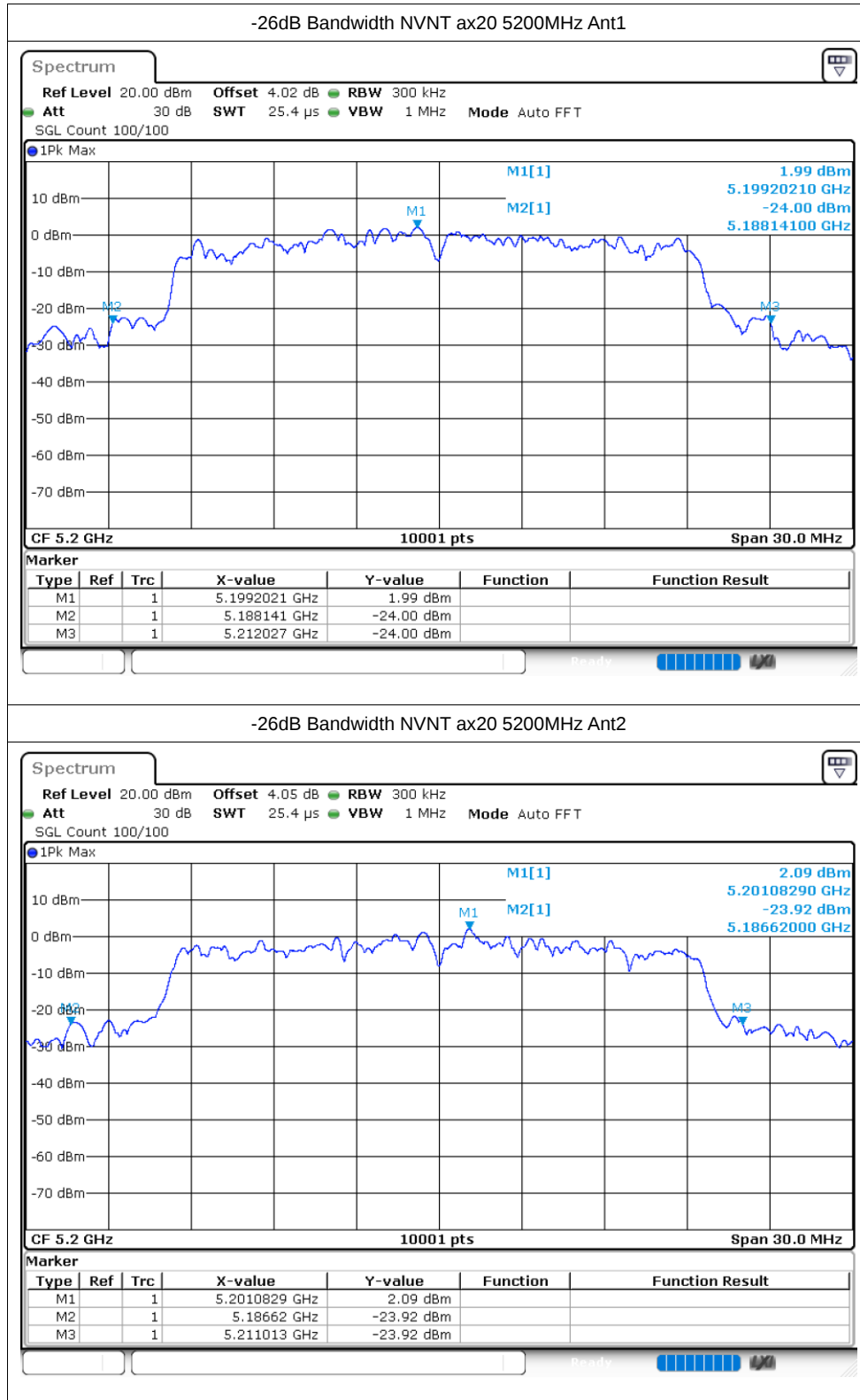
-26dB Bandwidth NVNT ac40 5190MHz Ant2



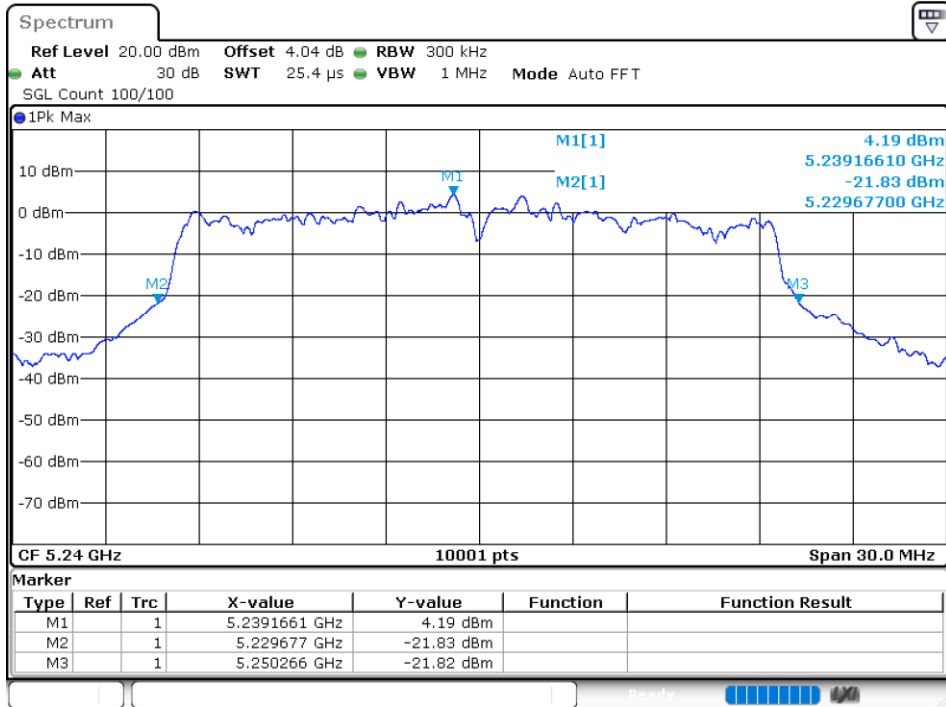




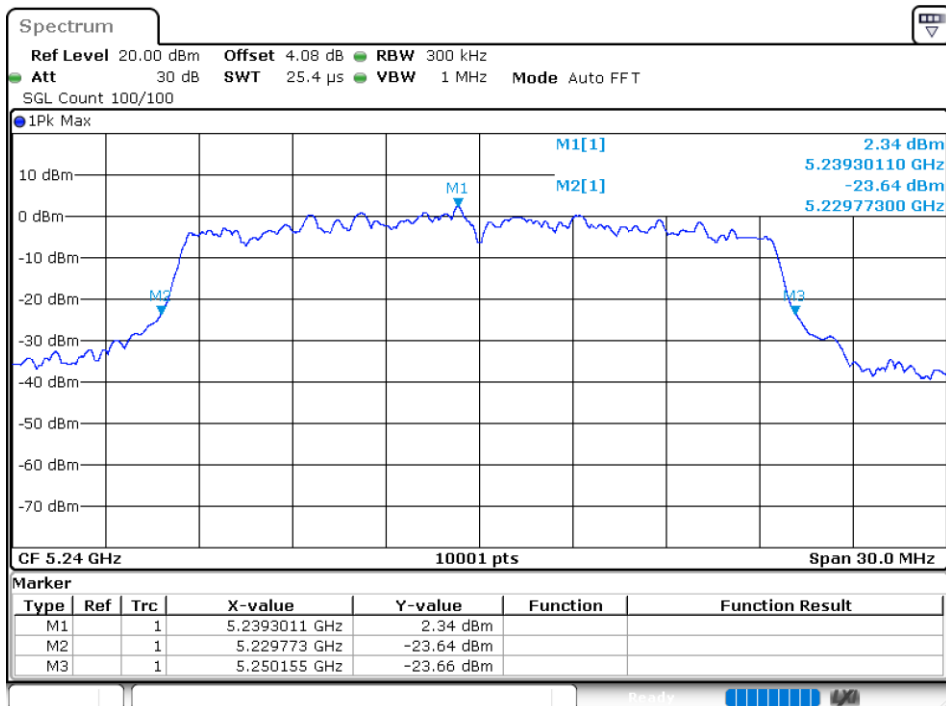


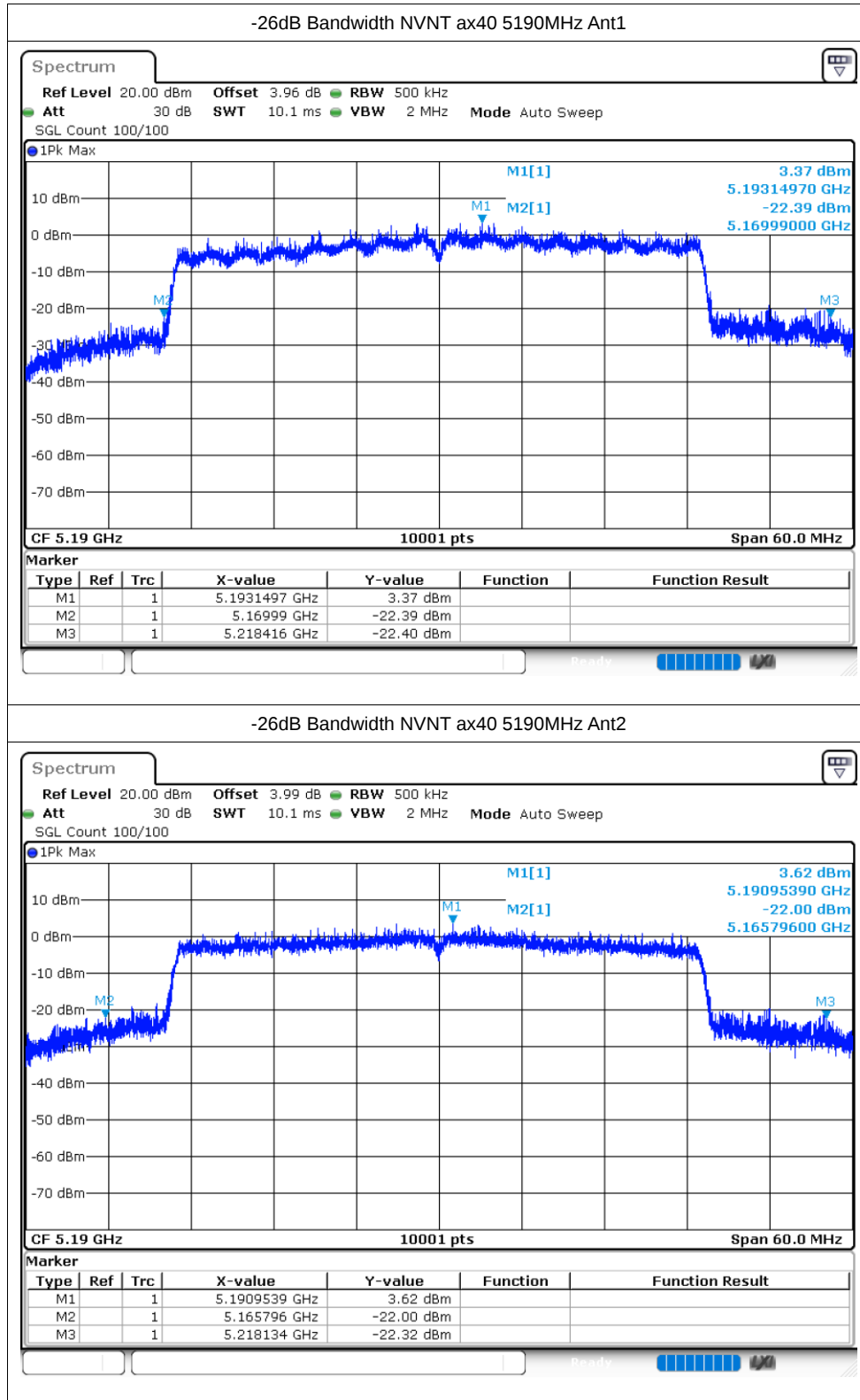


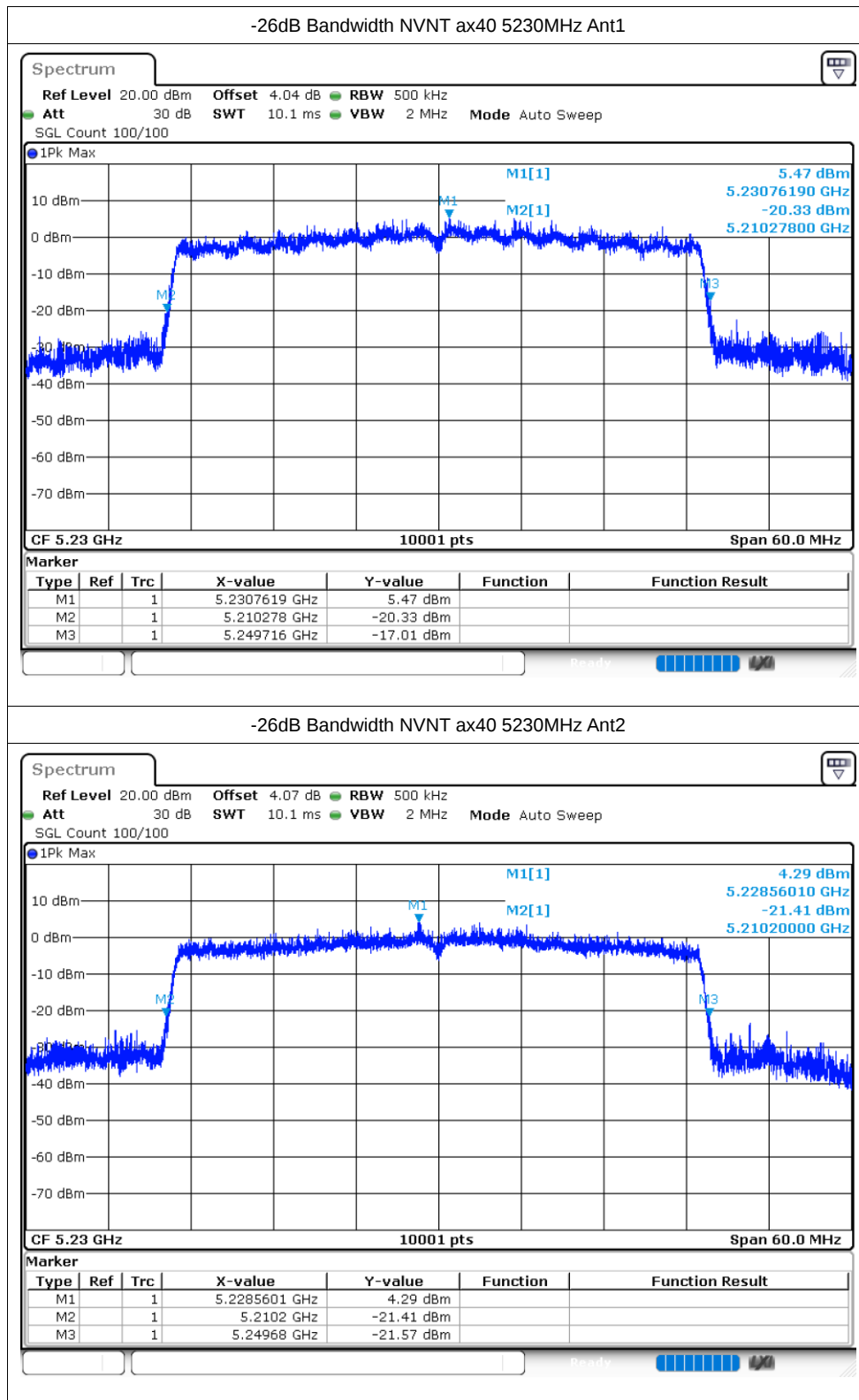
-26dB Bandwidth NVNT ax20 5240MHz Ant1



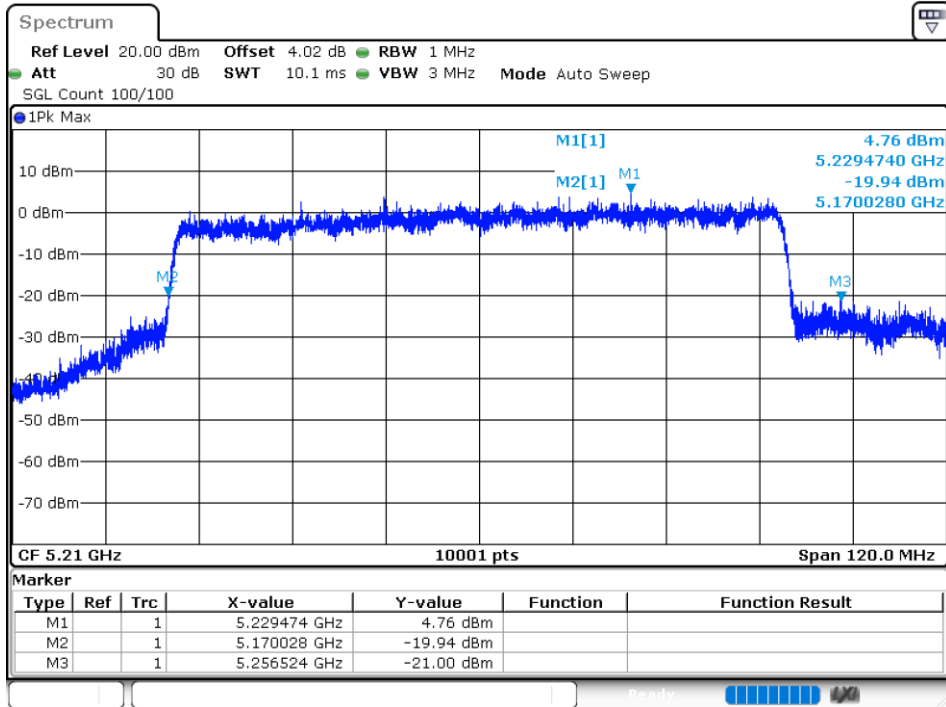
-26dB Bandwidth NVNT ax20 5240MHz Ant2



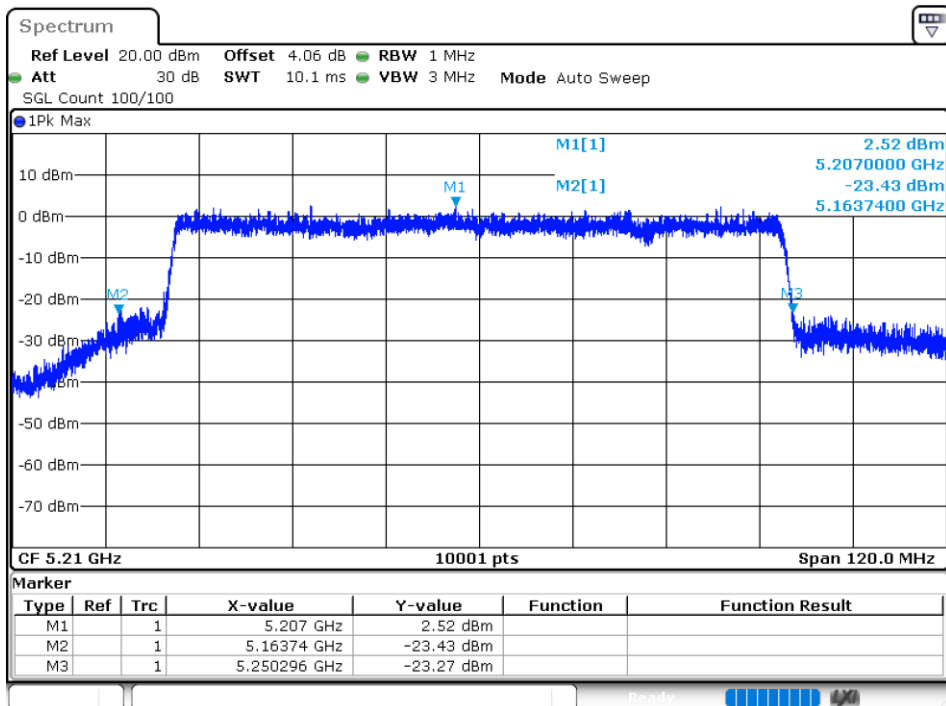


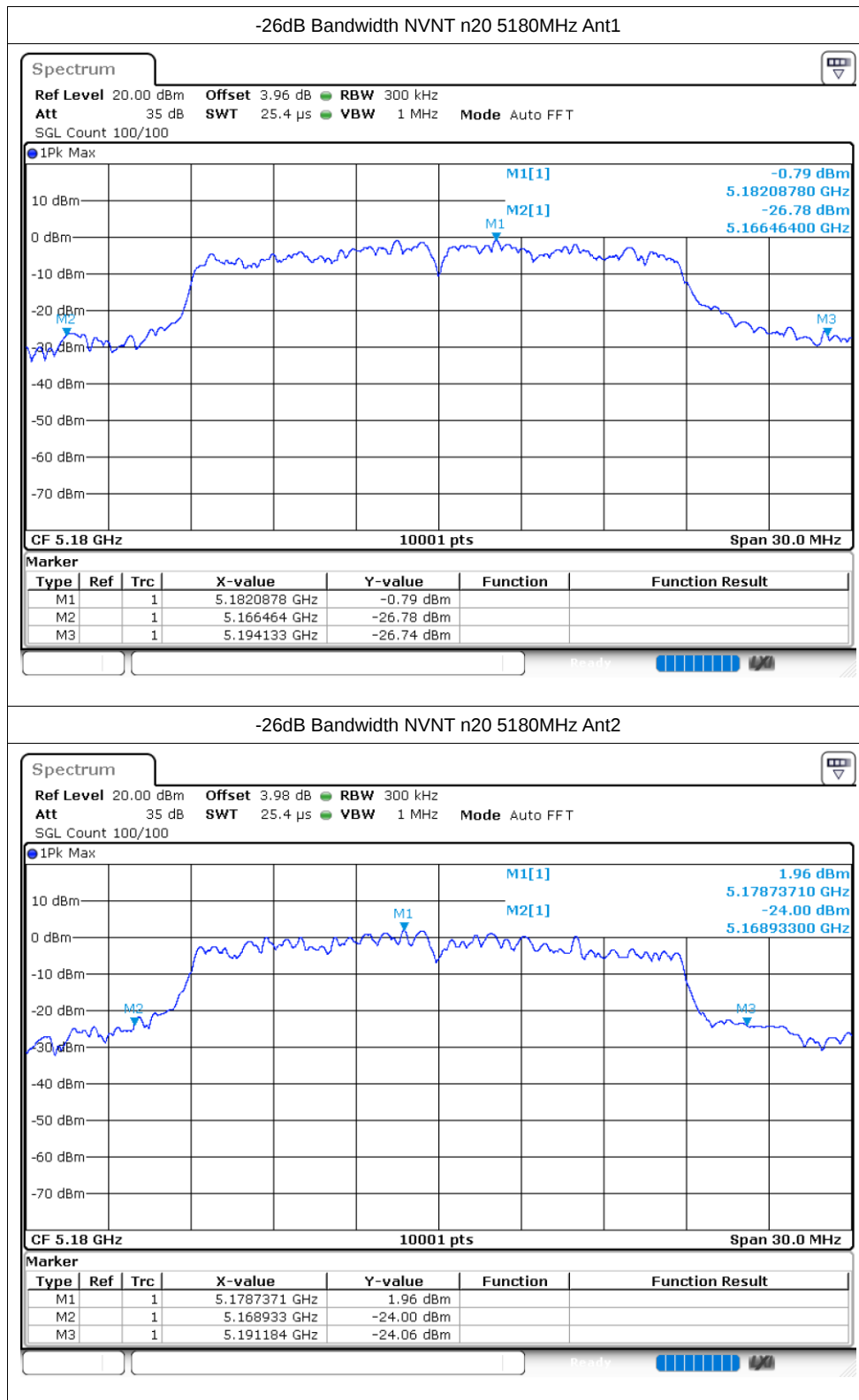


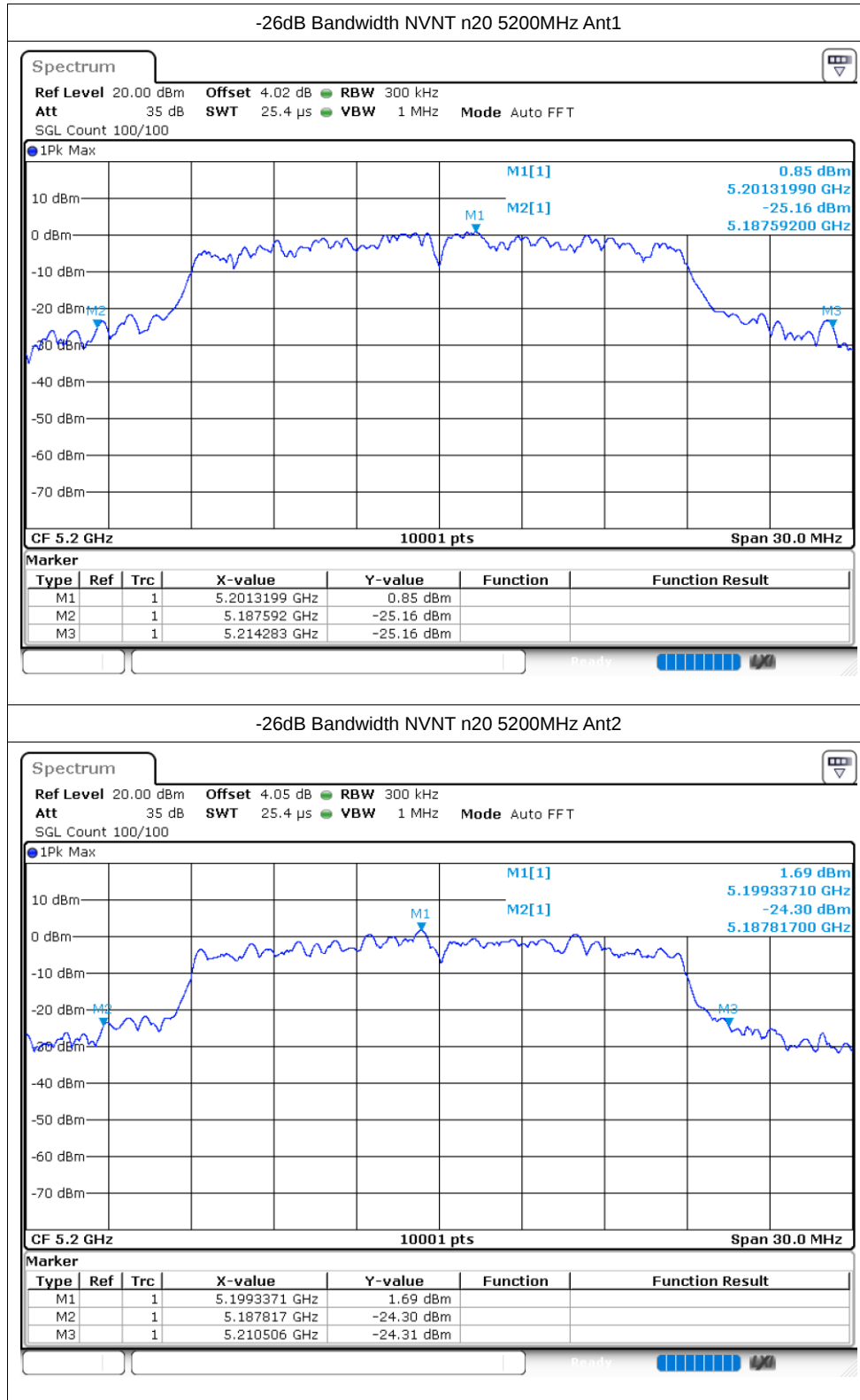
-26dB Bandwidth NVNT ax80 5210MHz Ant1



-26dB Bandwidth NVNT ax80 5210MHz Ant2





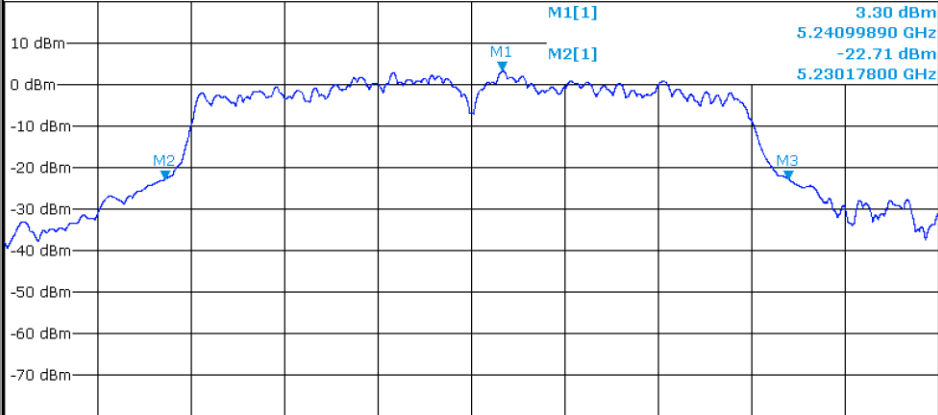


-26dB Bandwidth NVNT n20 5240MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.04 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



CF 5.24 GHz 10001 pts Span 30.0 MHz

Marker

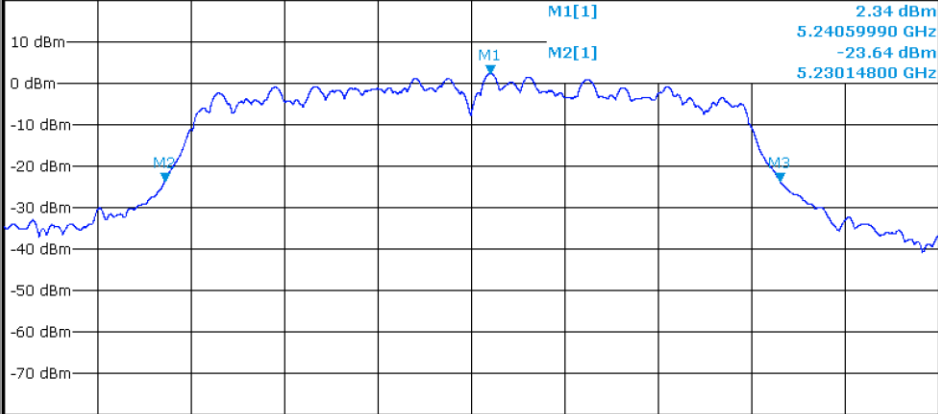
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2409989 GHz	3.30 dBm		
M2		1	5.230178 GHz	-22.71 dBm		
M3		1	5.250164 GHz	-22.72 dBm		

-26dB Bandwidth NVNT n20 5240MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.08 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max

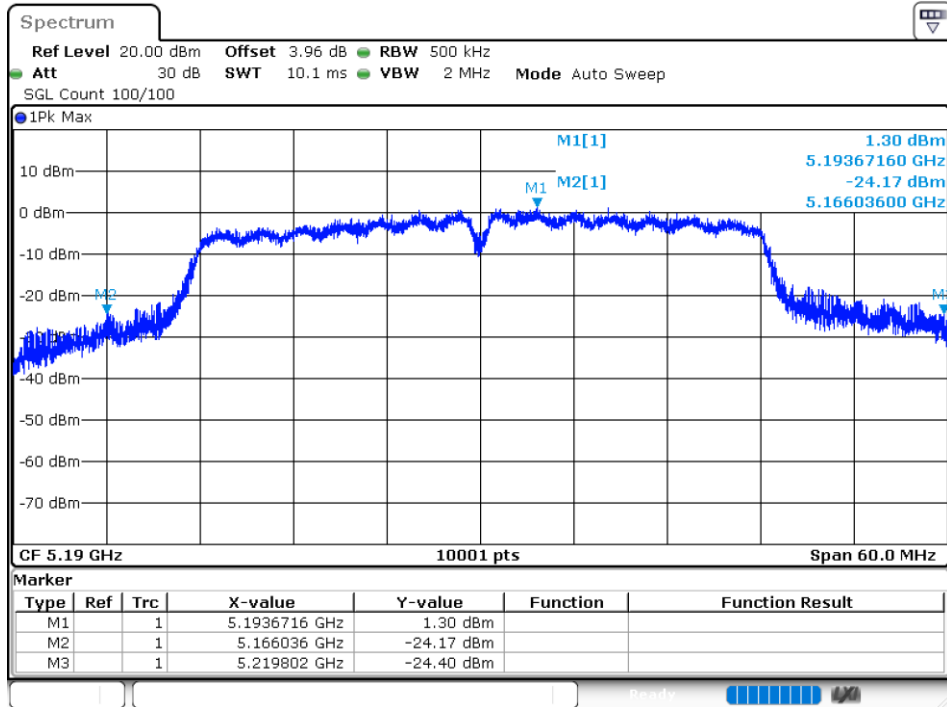


CF 5.24 GHz 10001 pts Span 30.0 MHz

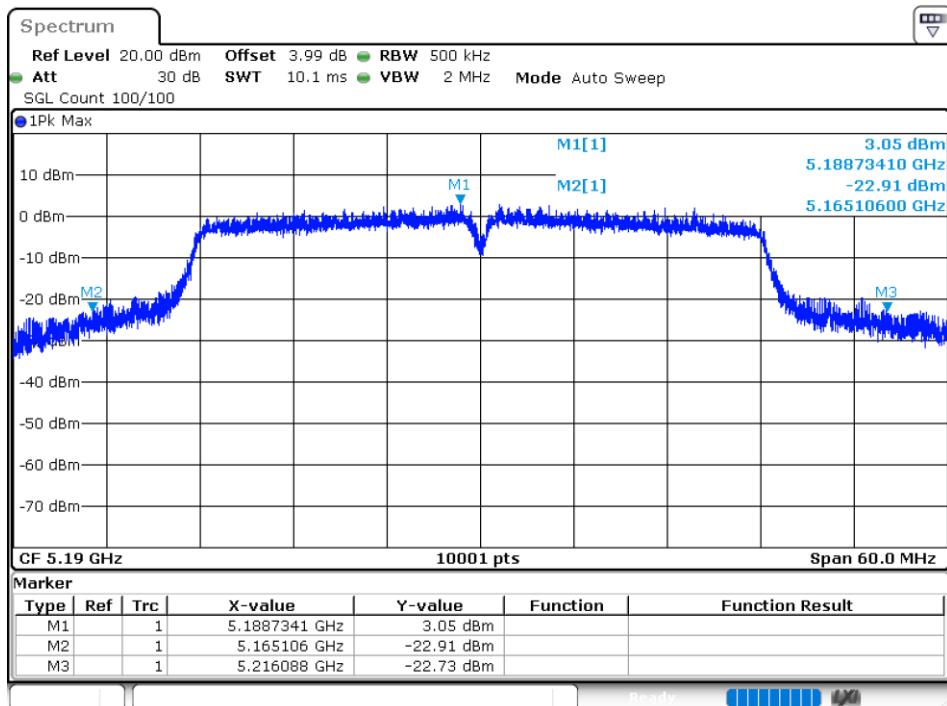
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2405999 GHz	2.34 dBm		
M2		1	5.230148 GHz	-23.64 dBm		
M3		1	5.249906 GHz	-23.67 dBm		

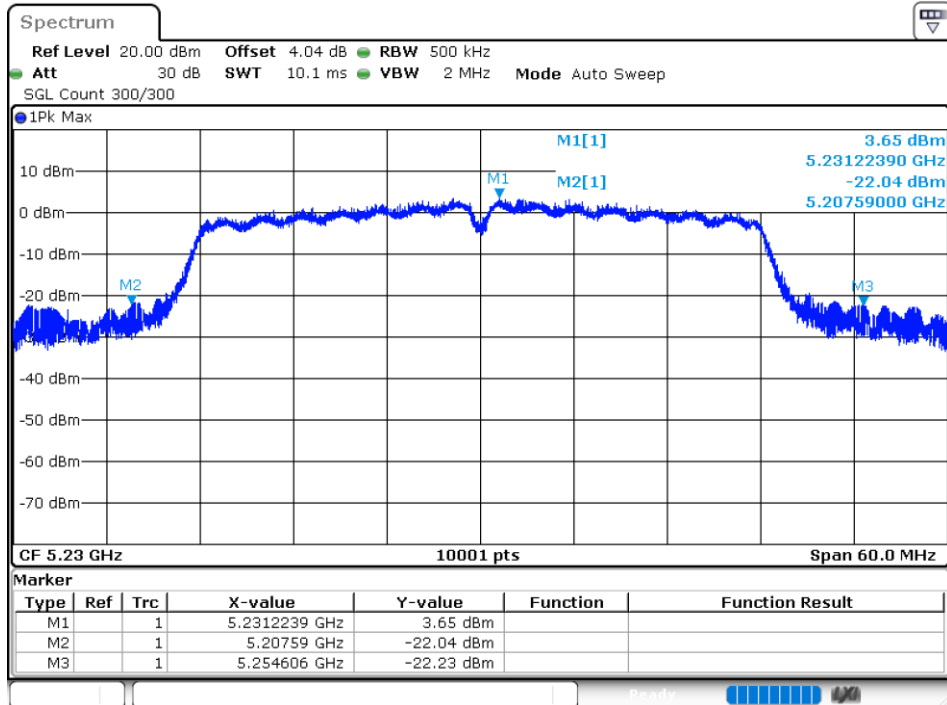
-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant2

