

5.2G WIFI

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	93.17	0.31	0.49
NVNT	a	5200	Ant1	92.15	0.36	0.49
NVNT	a	5240	Ant1	92.48	0.34	0.49
NVNT	n20	5180	Ant1	93.1	0.31	0.53
NVNT	n20	5200	Ant1	82.48	0.84	0.53
NVNT	n20	5240	Ant1	92.83	0.32	0.53
NVNT	n40	5190	Ant1	87.97	0.56	1.08
NVNT	n40	5230	Ant1	88.53	0.53	1.08
NVNT	ac20	5180	Ant1	93.14	0.31	0.53
NVNT	ac20	5200	Ant1	90.63	0.43	0.53
NVNT	ac20	5240	Ant1	91.88	0.37	0.53
NVNT	ac40	5190	Ant1	88.08	0.55	1.08
NVNT	ac40	5230	Ant1	88.49	0.53	1.08
NVNT	ac80	5210	Ant1	74.2	1.3	2.17
NVNT	ax20	5180	Ant1	92.21	0.35	0.68
NVNT	ax20	5200	Ant1	90.59	0.43	0.68
NVNT	ax20	5240	Ant1	89.59	0.48	0.68
NVNT	ax40	5190	Ant1	85.71	0.67	1.32
NVNT	ax40	5230	Ant1	65.03	1.87	1.32
NVNT	ax80	5210	Ant1	72.93	1.37	2.5

Test Graphs

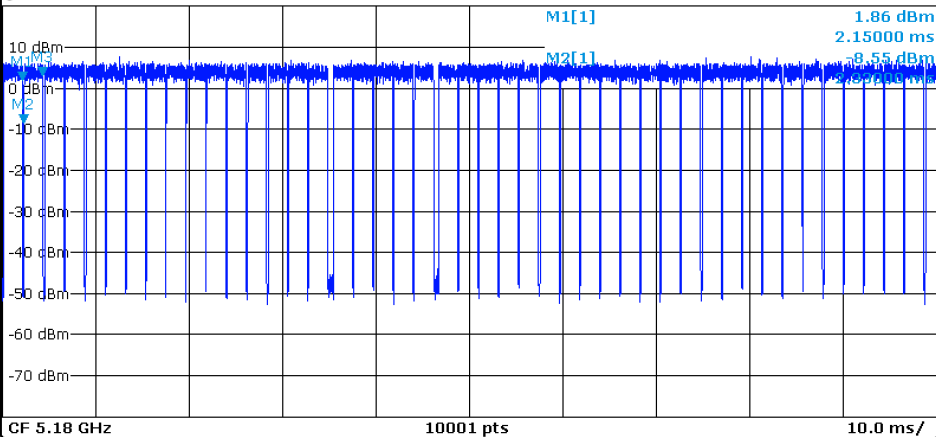
Duty Cycle NVNT a 5180MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 3.96 dB RBW 1 MHz
Att 30 dB SWT 100 ms VBW 3 MHz

SGL

1Pk Clrw



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.15 ms	1.86 dBm		
M2	1		2.33 ms	-8.55 dBm		
M3	1		4.36 ms	-3.13 dBm		

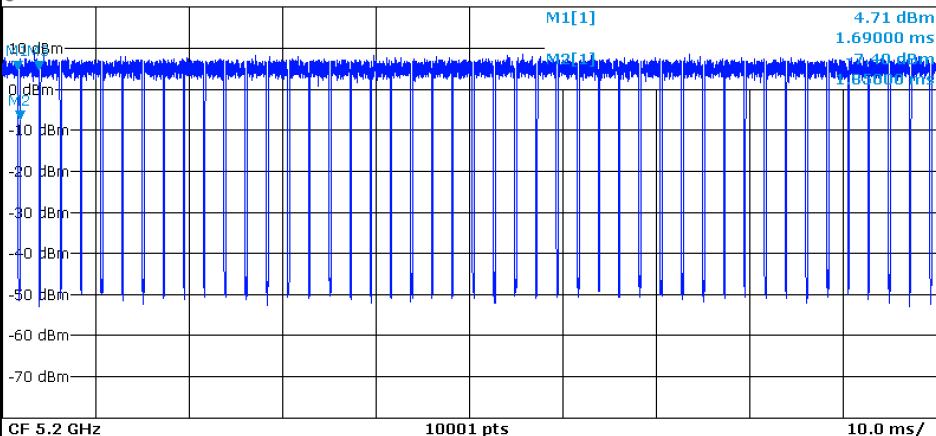
Duty Cycle NVNT a 5200MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.02 dB RBW 1 MHz
Att 30 dB SWT 100 ms VBW 3 MHz

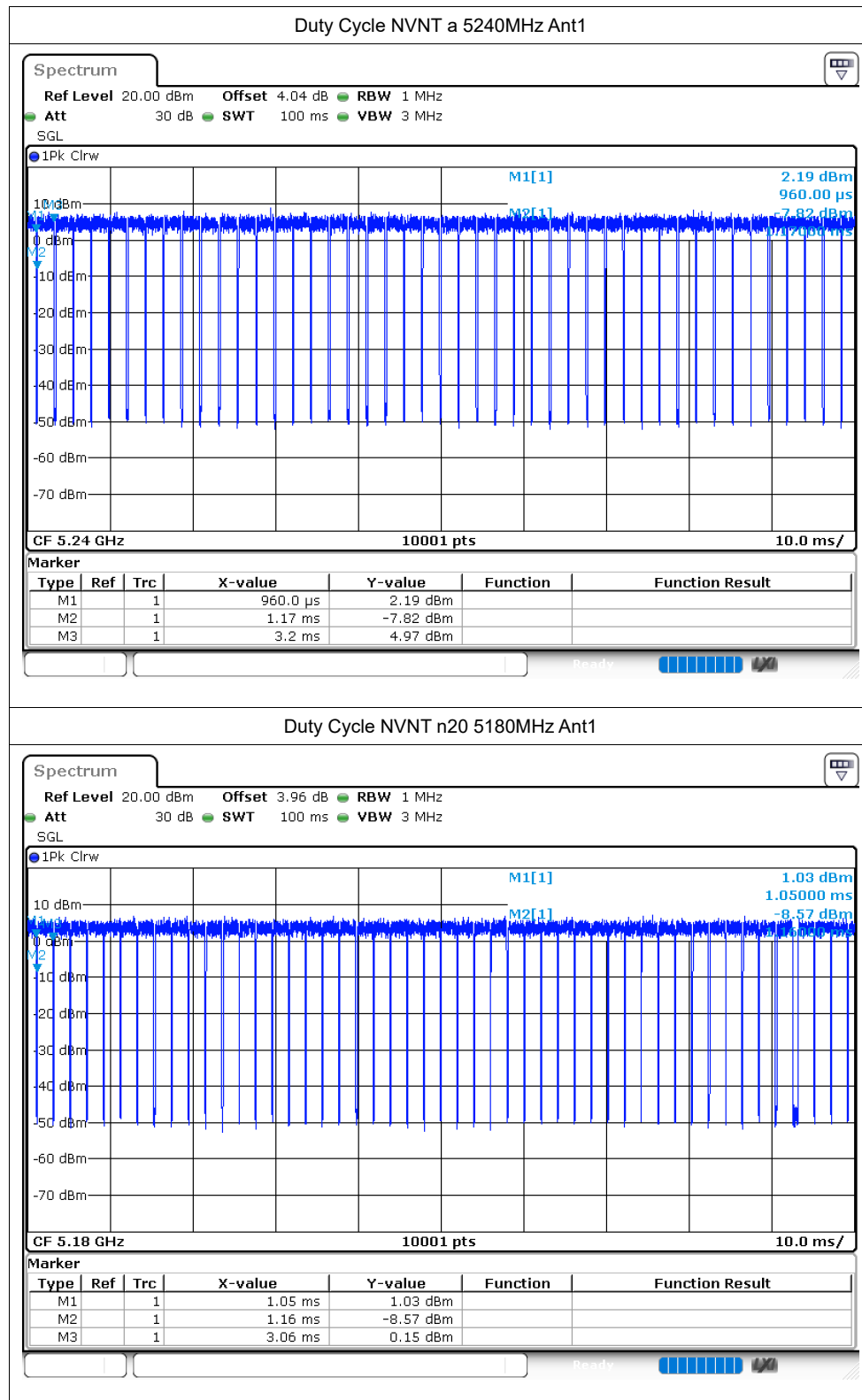
SGL

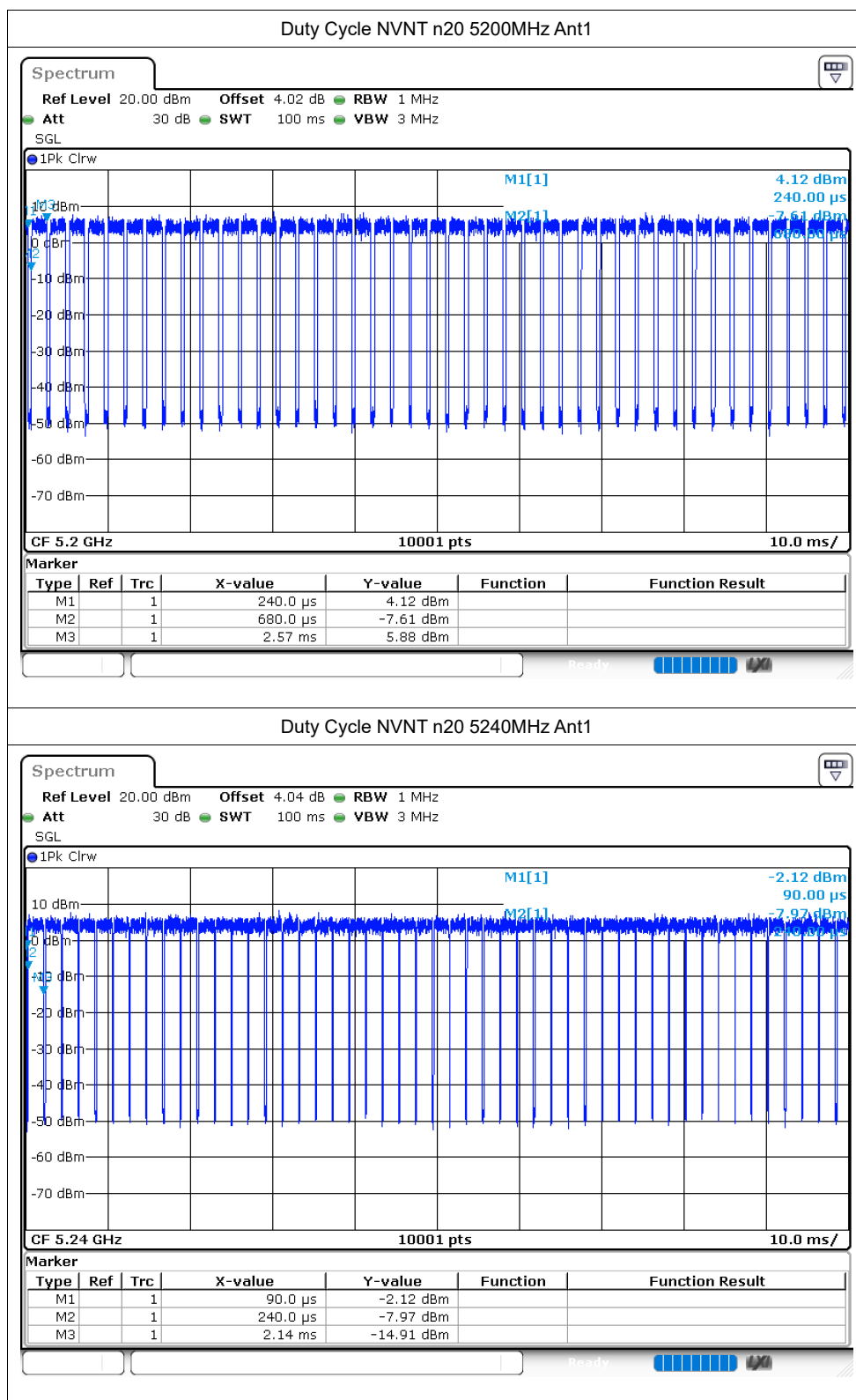
1Pk Clrw

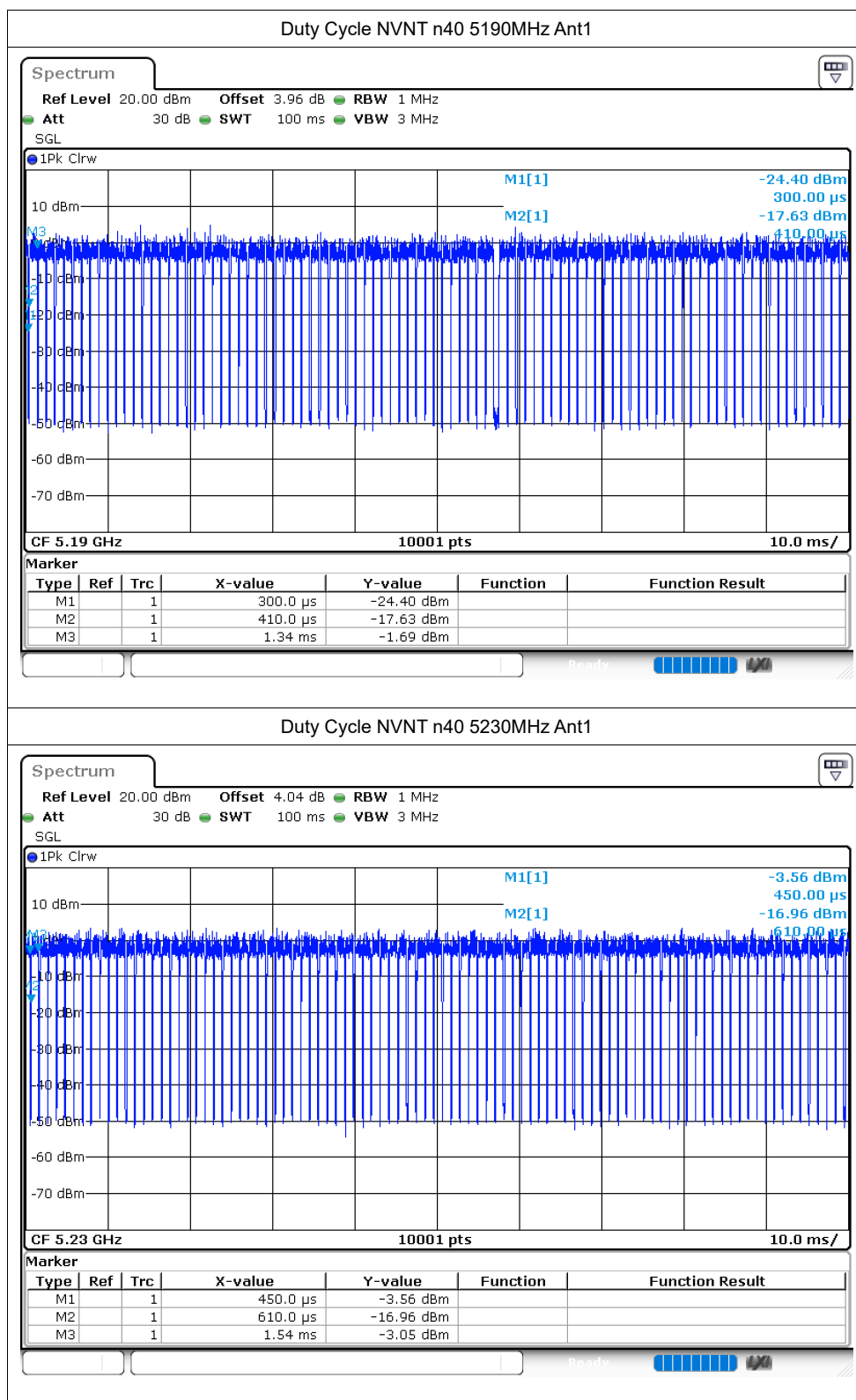


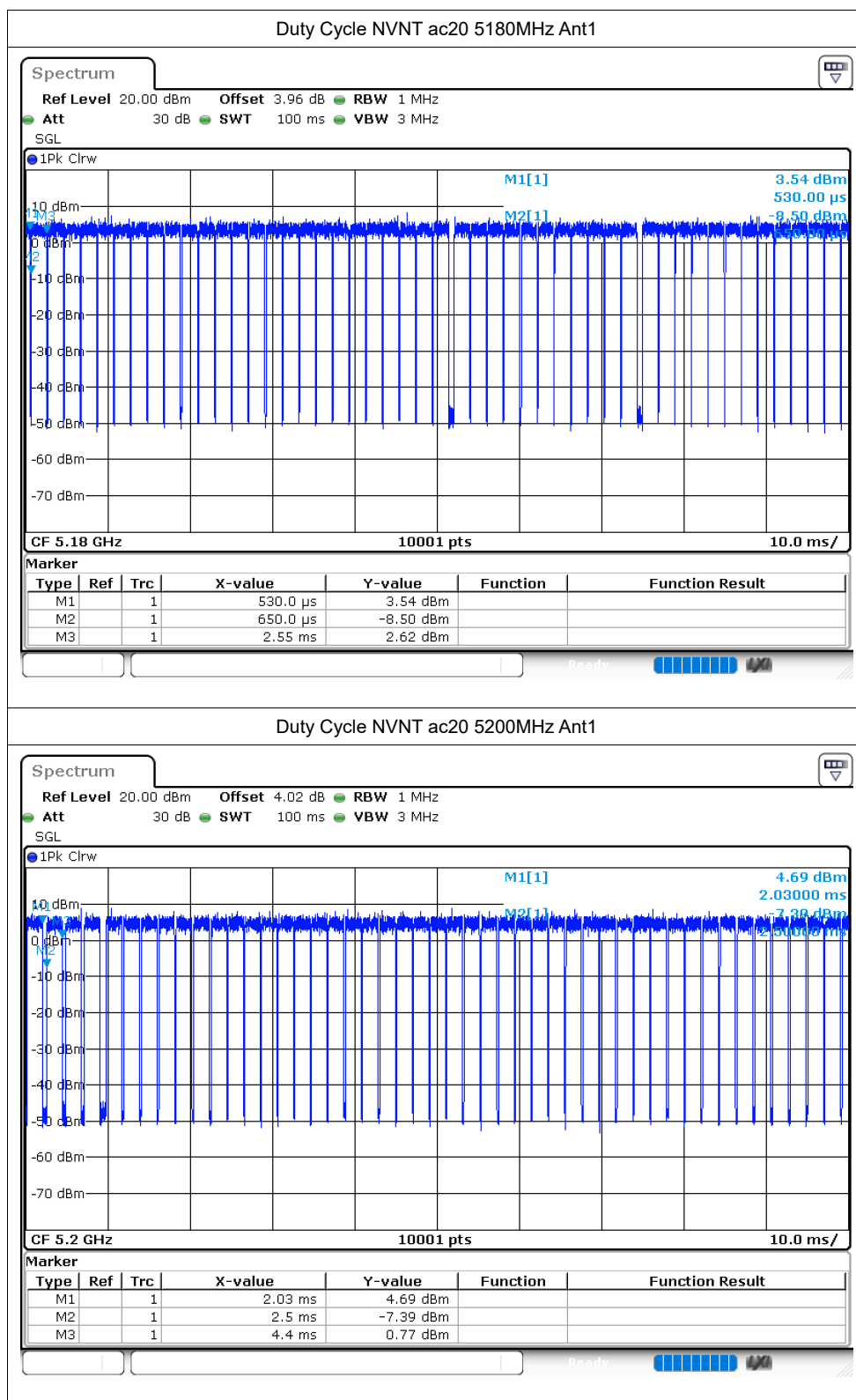
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.69 ms	4.71 dBm		
M2	1		1.85 ms	-7.40 dBm		
M3	1		3.88 ms	4.77 dBm		

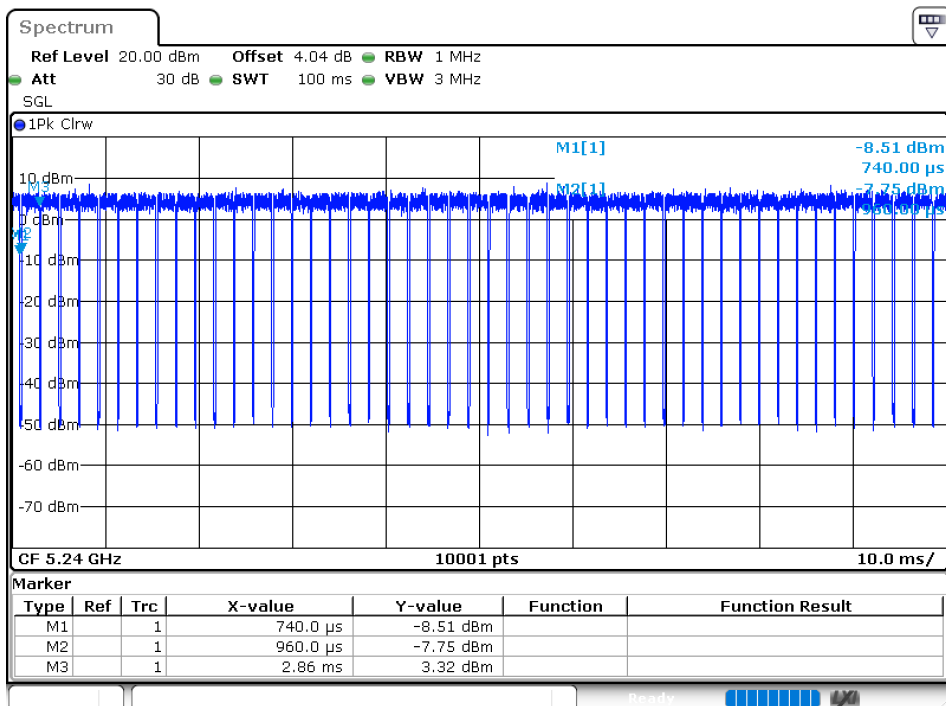




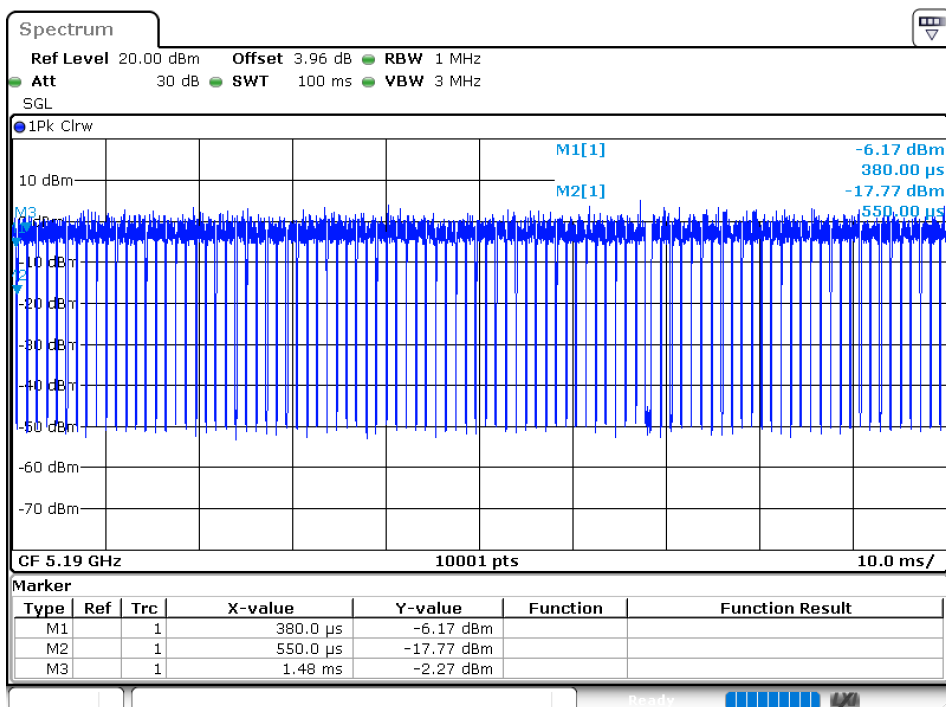


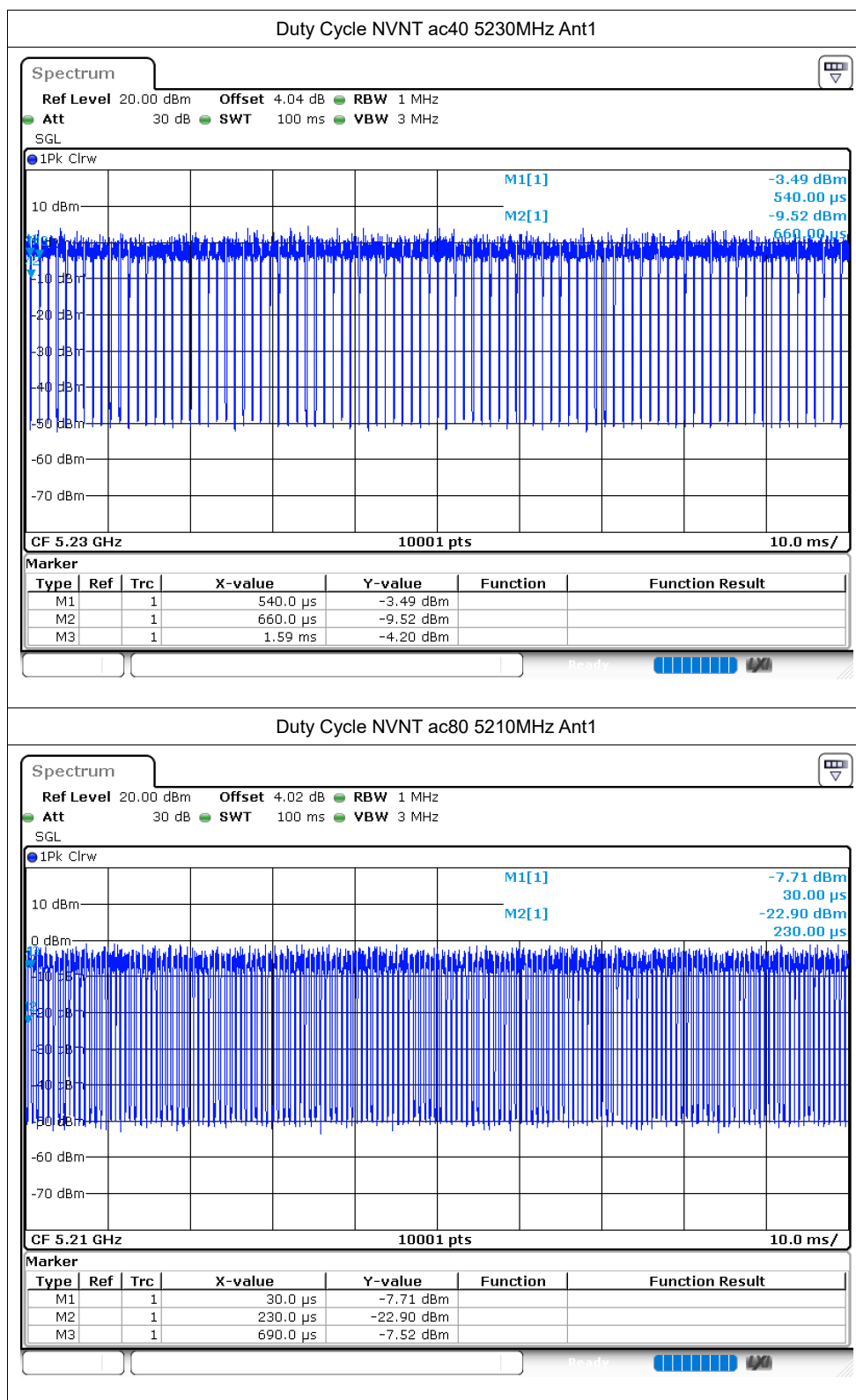


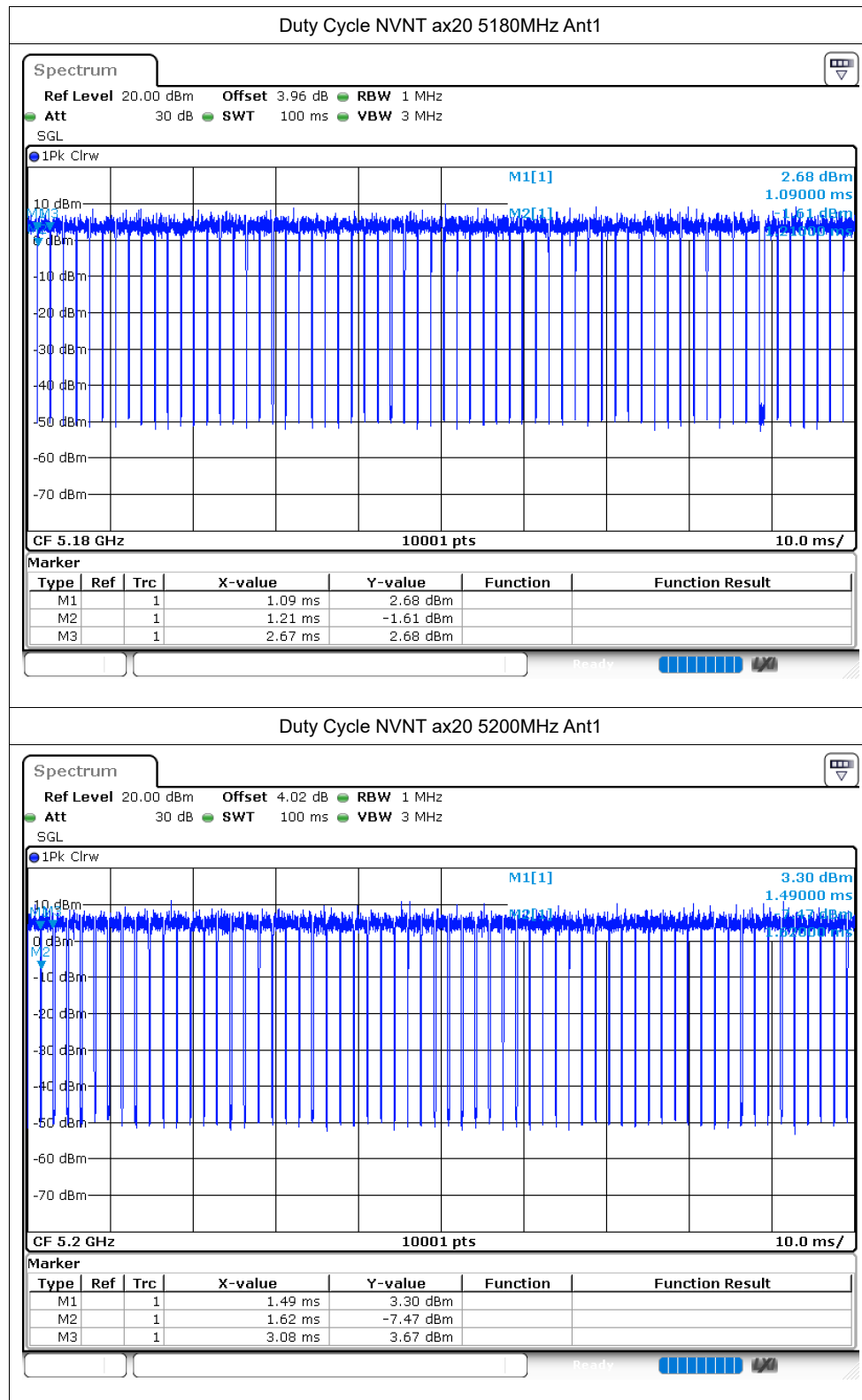
Duty Cycle NVNT ac20 5240MHz Ant1

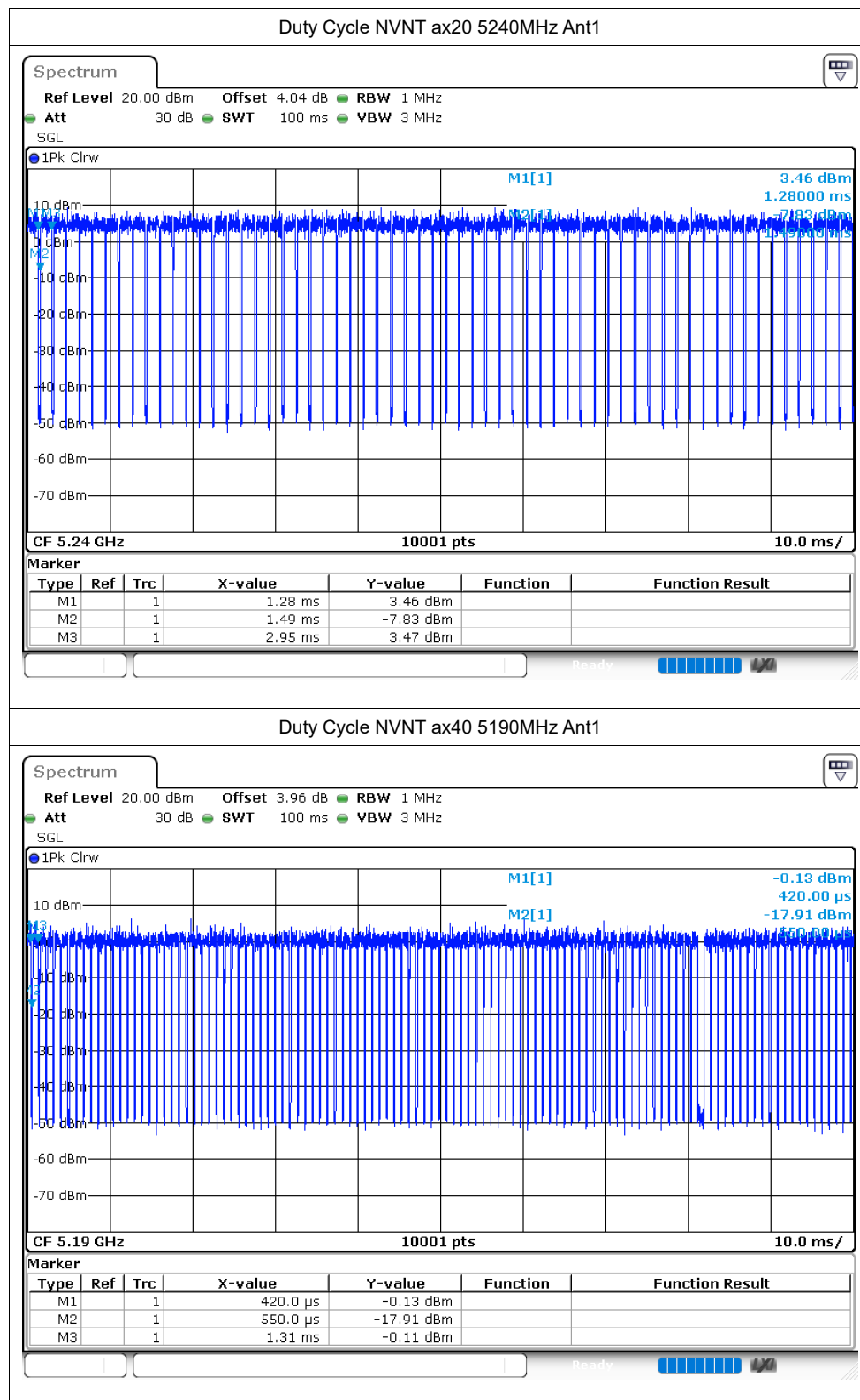


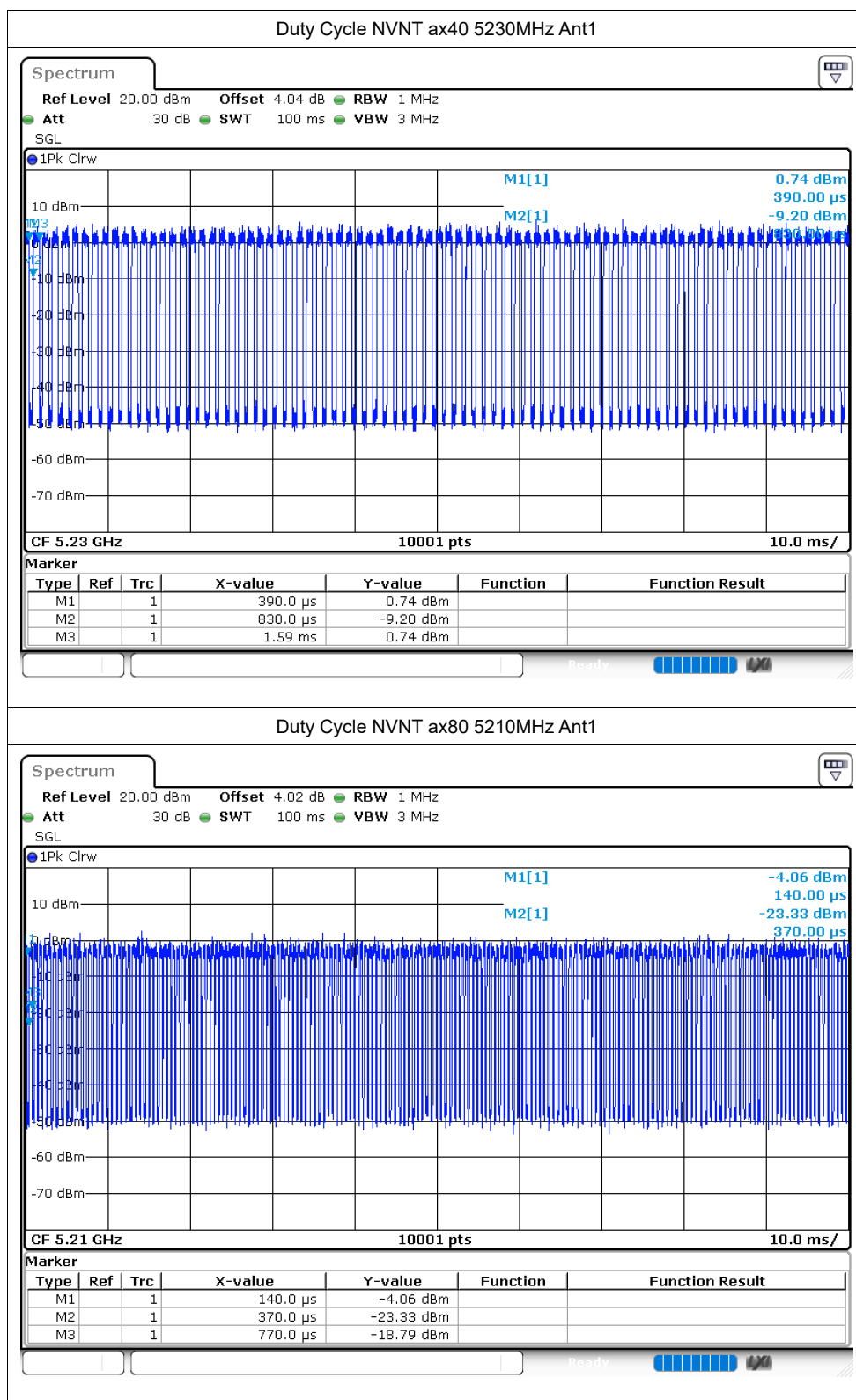
Duty Cycle NVNT ac40 5190MHz Ant1











Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.12	24	Pass
NVNT	a	5200	Ant1	11.97	24	Pass
NVNT	a	5240	Ant1	11.98	24	Pass
NVNT	n20	5180	Ant1	11.76	24	Pass
NVNT	n20	5200	Ant1	11.91	24	Pass
NVNT	n20	5240	Ant1	11.78	24	Pass
NVNT	n40	5190	Ant1	11.74	24	Pass
NVNT	n40	5230	Ant1	11.85	24	Pass
NVNT	ac20	5180	Ant1	11.89	24	Pass
NVNT	ac20	5200	Ant1	11.88	24	Pass
NVNT	ac20	5240	Ant1	11.99	24	Pass
NVNT	ac40	5190	Ant1	11.81	24	Pass
NVNT	ac40	5230	Ant1	11.55	24	Pass
NVNT	ac80	5210	Ant1	10.77	24	Pass
NVNT	ax20	5180	Ant1	11.76	24	Pass
NVNT	ax20	5200	Ant1	11.9	24	Pass
NVNT	ax20	5240	Ant1	11.94	24	Pass
NVNT	ax40	5190	Ant1	11.84	24	Pass
NVNT	ax40	5230	Ant1	11.84	24	Pass
NVNT	ax80	5210	Ant1	10.92	24	Pass

Note: The average power value already includes the duty cycle factor

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	22.188	Pass
NVNT	a	5200	Ant1	22.848	Pass
NVNT	a	5240	Ant1	23.58	Pass
NVNT	n20	5180	Ant1	22.989	Pass
NVNT	n20	5200	Ant1	26.463	Pass
NVNT	n20	5240	Ant1	24.225	Pass
NVNT	n40	5190	Ant1	42.732	Pass
NVNT	n40	5230	Ant1	40.914	Pass
NVNT	ac20	5180	Ant1	24.222	Pass
NVNT	ac20	5200	Ant1	25.698	Pass
NVNT	ac20	5240	Ant1	25.554	Pass
NVNT	ac40	5190	Ant1	42.246	Pass
NVNT	ac40	5230	Ant1	41.94	Pass
NVNT	ac80	5210	Ant1	82.248	Pass
NVNT	ax20	5180	Ant1	25.29	Pass
NVNT	ax20	5200	Ant1	24.051	Pass
NVNT	ax20	5240	Ant1	22.185	Pass
NVNT	ax40	5190	Ant1	41.874	Pass
NVNT	ax40	5230	Ant1	40.596	Pass
NVNT	ax80	5210	Ant1	81.828	Pass

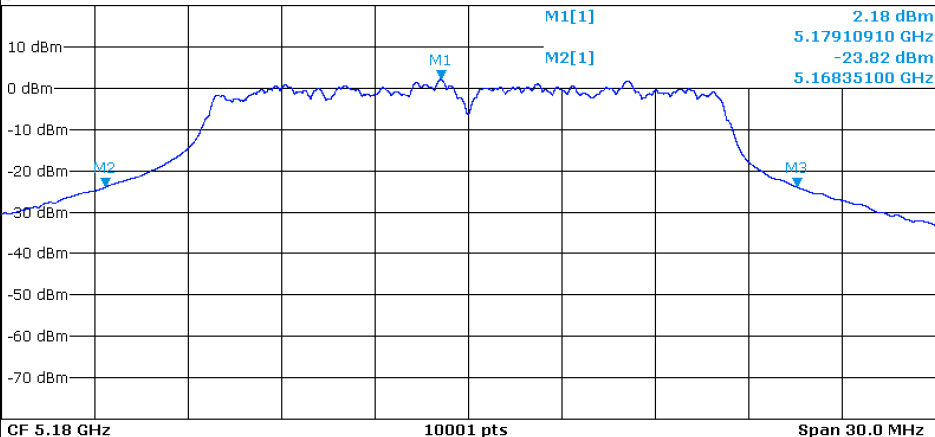
Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 3.96 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

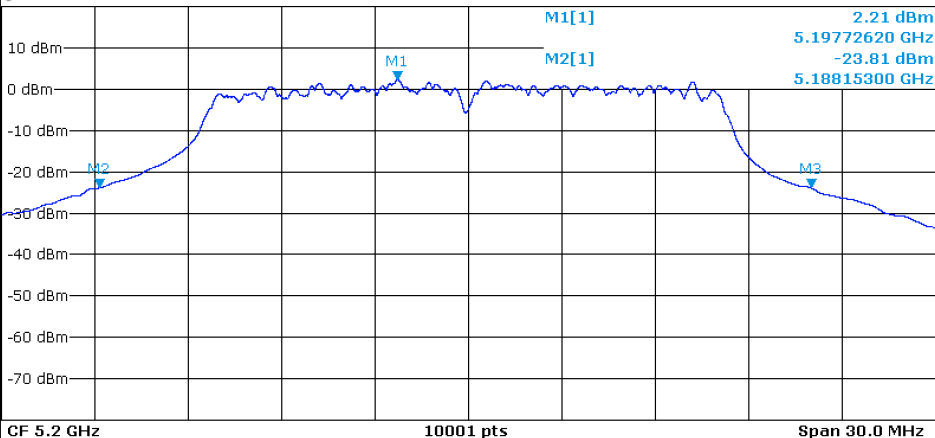
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.1791091 GHz	2.18 dBm		
M2	1		5.168351 GHz	-23.82 dBm		
M3	1		5.190539 GHz	-23.82 dBm		

-26dB Bandwidth NVNT a 5200MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.02 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

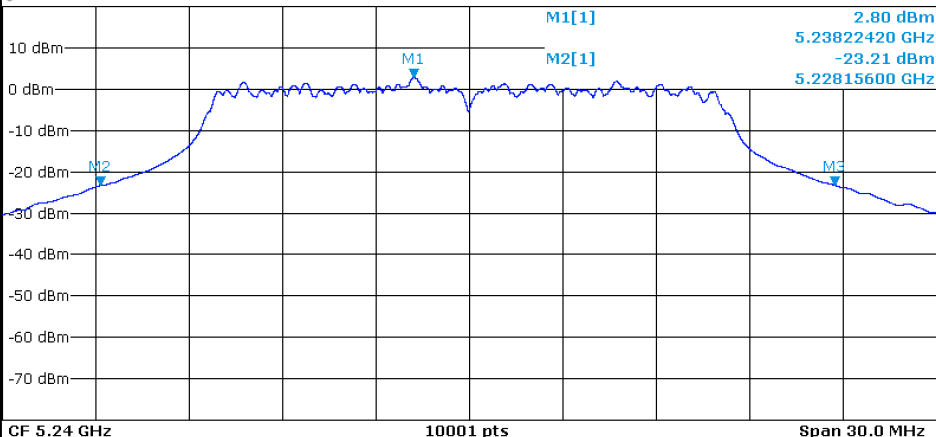
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.1977262 GHz	2.21 dBm		
M2	1		5.188153 GHz	-23.81 dBm		
M3	1		5.211001 GHz	-23.81 dBm		

-26dB Bandwidth NVNT a 5240MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.04 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

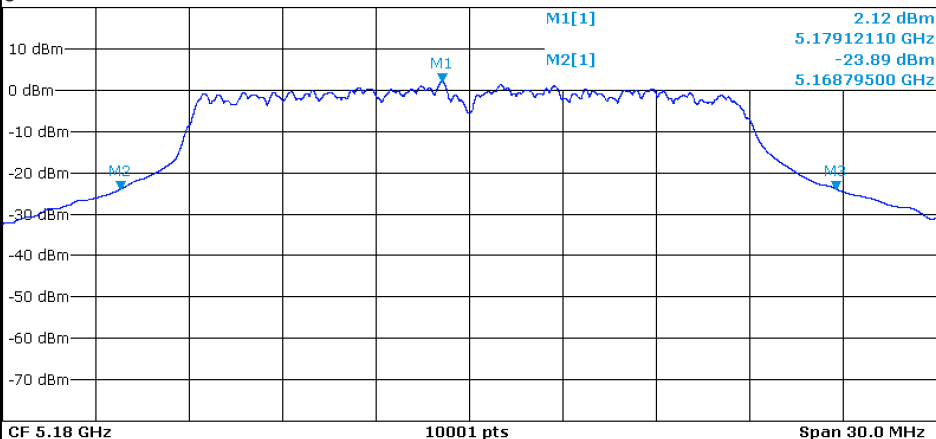
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2382242 GHz	2.80 dBm		
M2		1	5.228156 GHz	-23.21 dBm		
M3		1	5.251736 GHz	-23.21 dBm		

-26dB Bandwidth NVNT n20 5180MHz Ant1

Spectrum

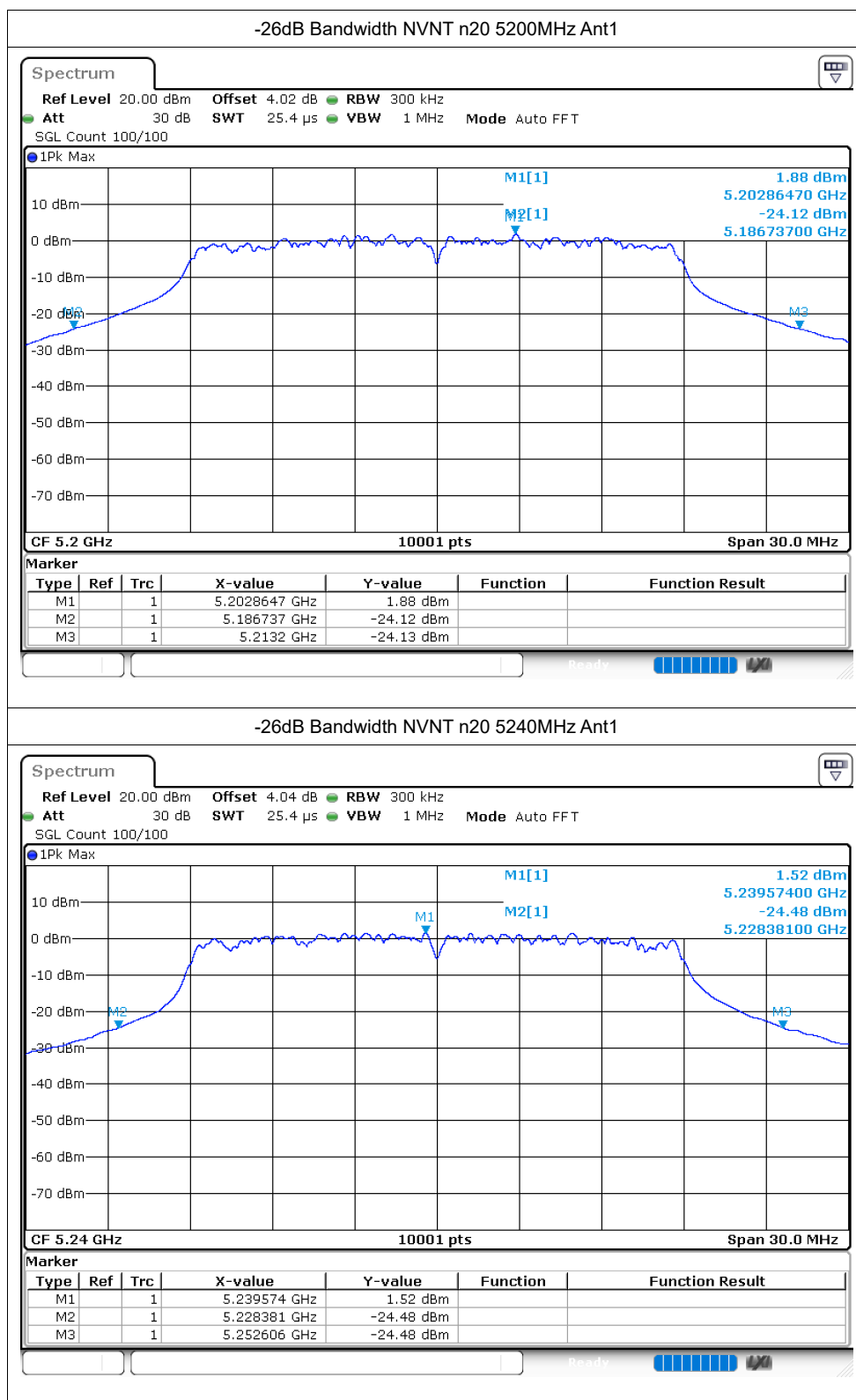
Ref Level 20.00 dBm Offset 3.96 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

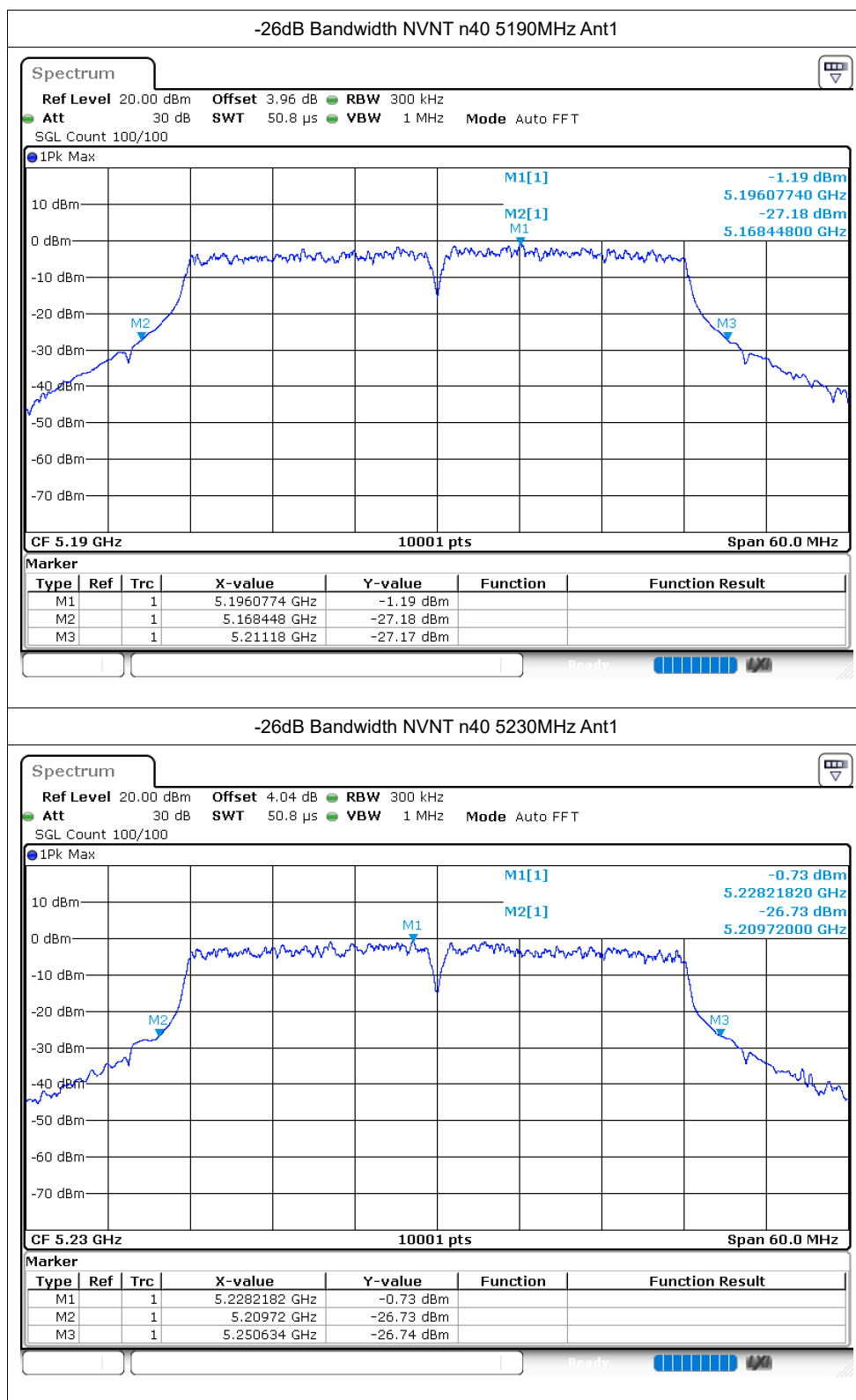
1Pk Max

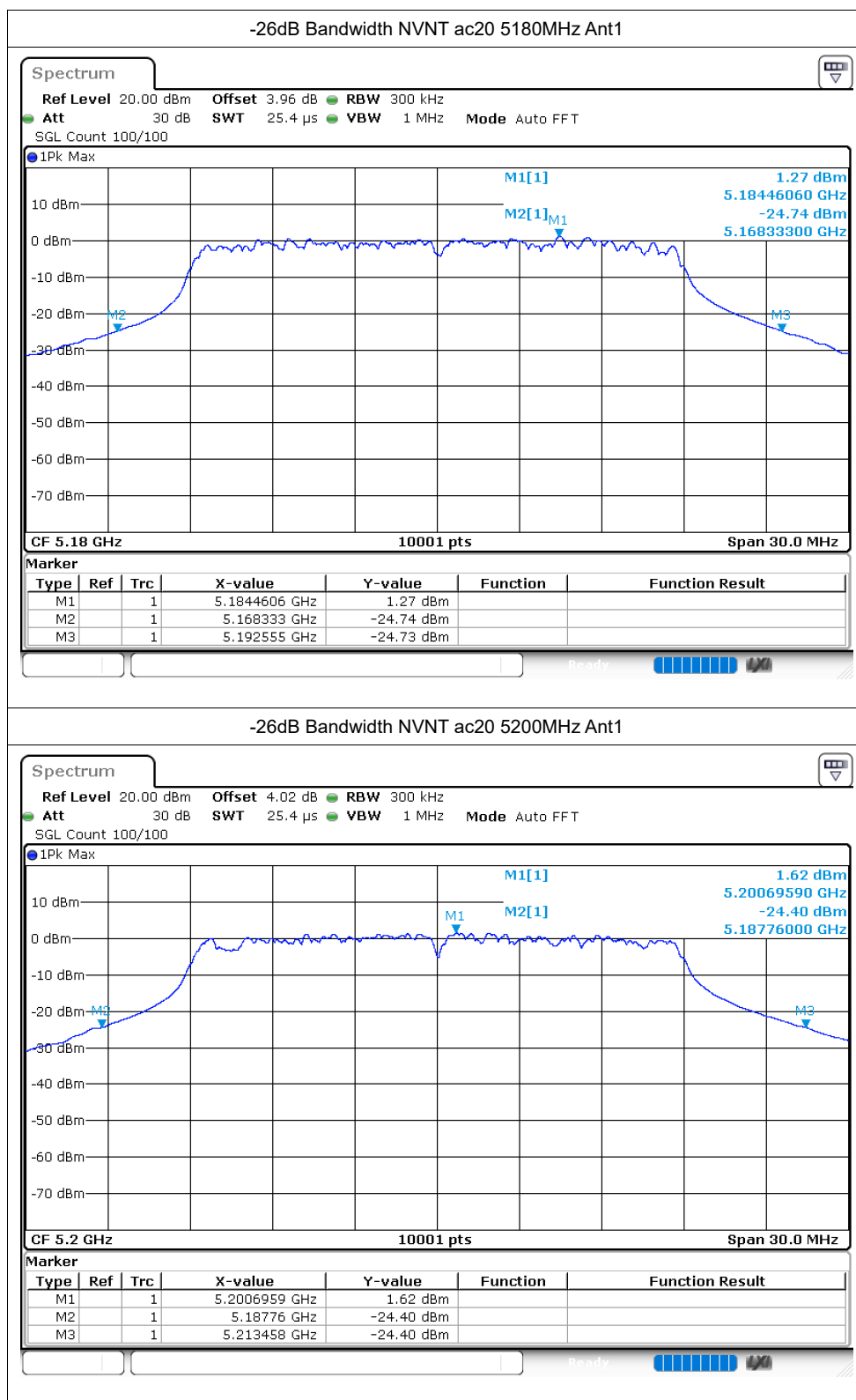


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1791211 GHz	2.12 dBm		
M2		1	5.168795 GHz	-23.89 dBm		
M3		1	5.191784 GHz	-23.89 dBm		





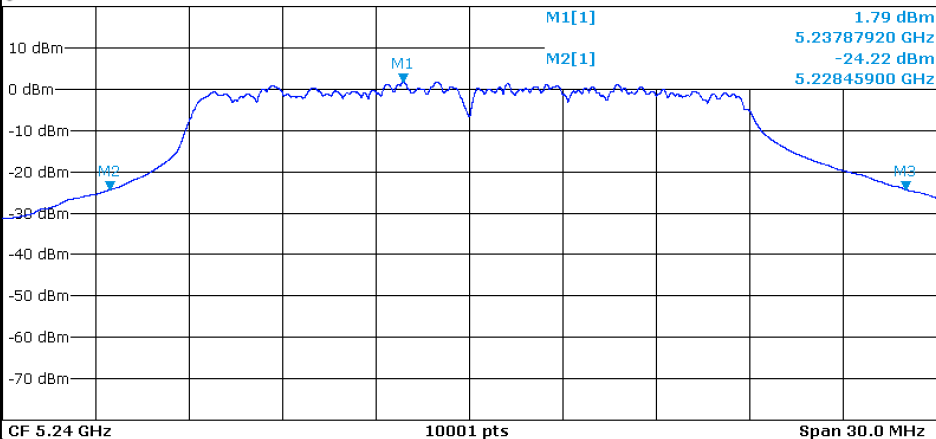


-26dB Bandwidth NVNT ac20 5240MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.04 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

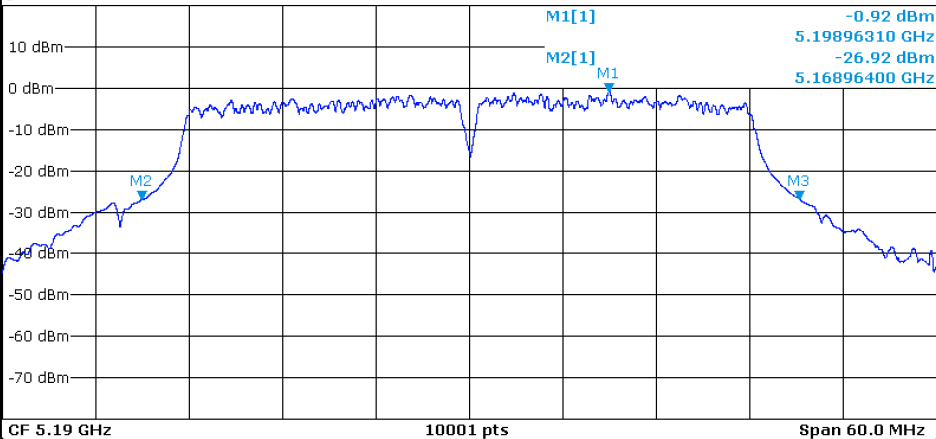
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.2378792 GHz	1.79 dBm		
M2	1	1	5.228459 GHz	-24.22 dBm		
M3	1	1	5.254013 GHz	-24.21 dBm		

-26dB Bandwidth NVNT ac40 5190MHz Ant1

Spectrum

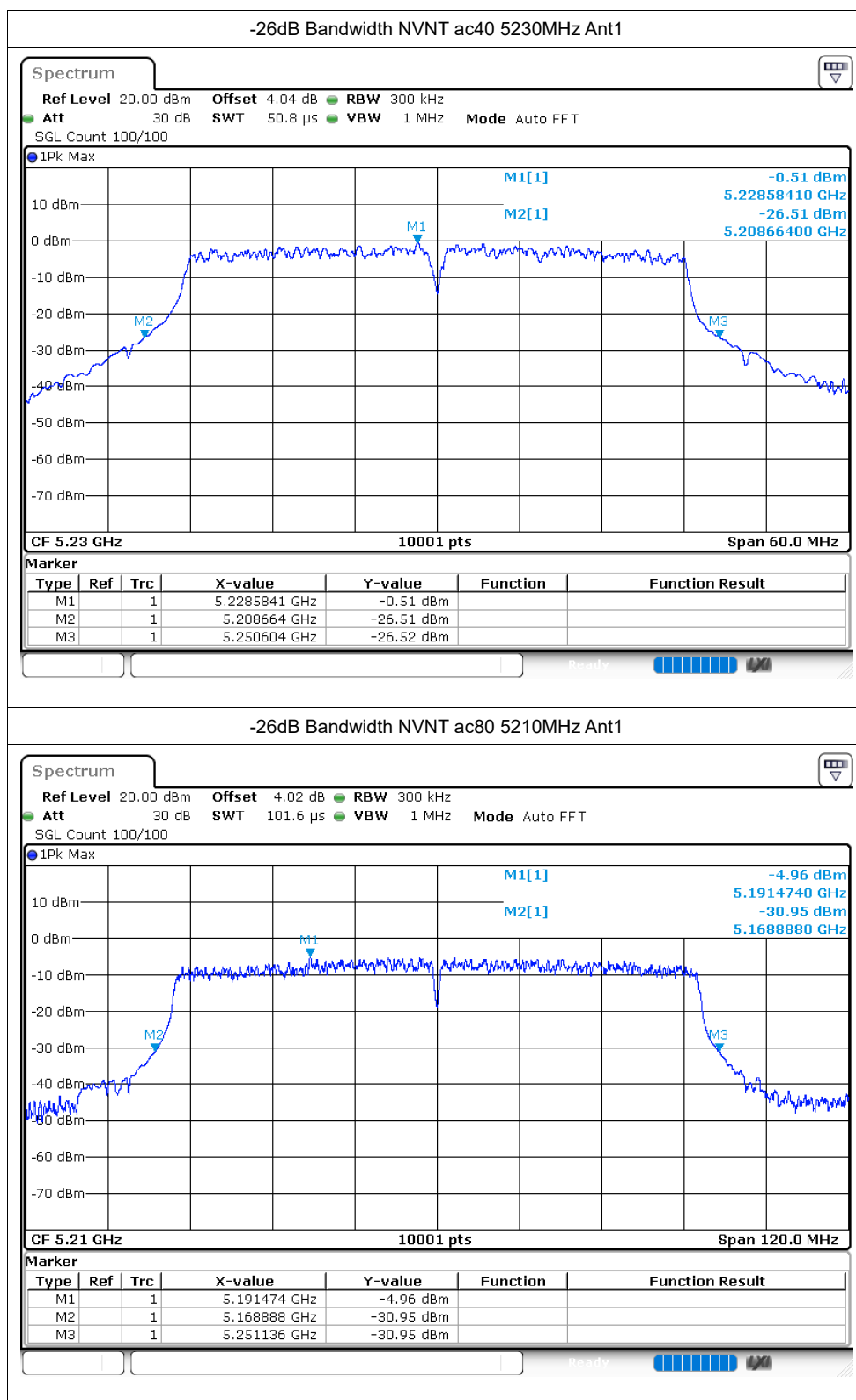
Ref Level 20.00 dBm Offset 3.96 dB RBW 300 kHz
Att 30 dB SWT 50.8 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

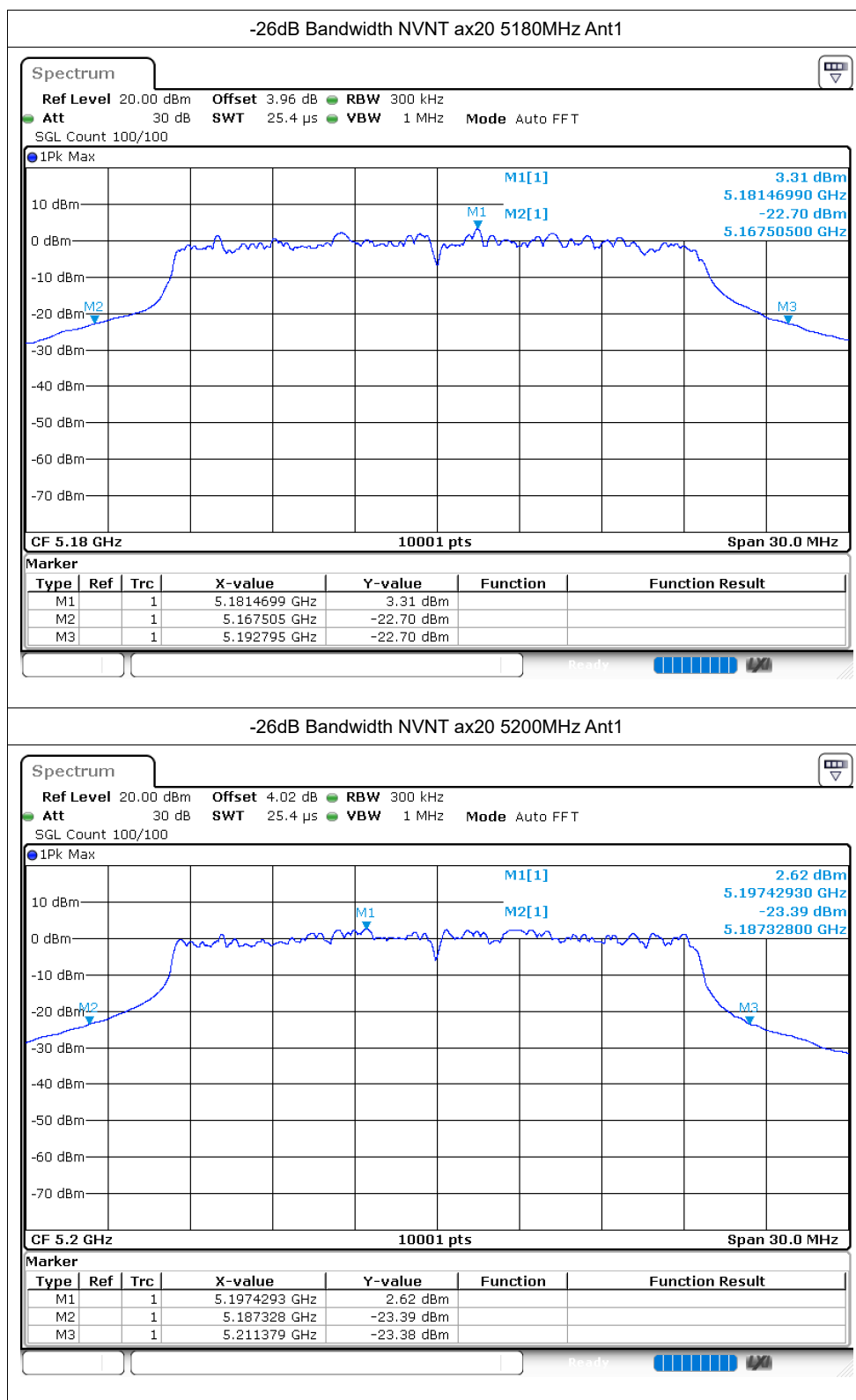
1Pk Max

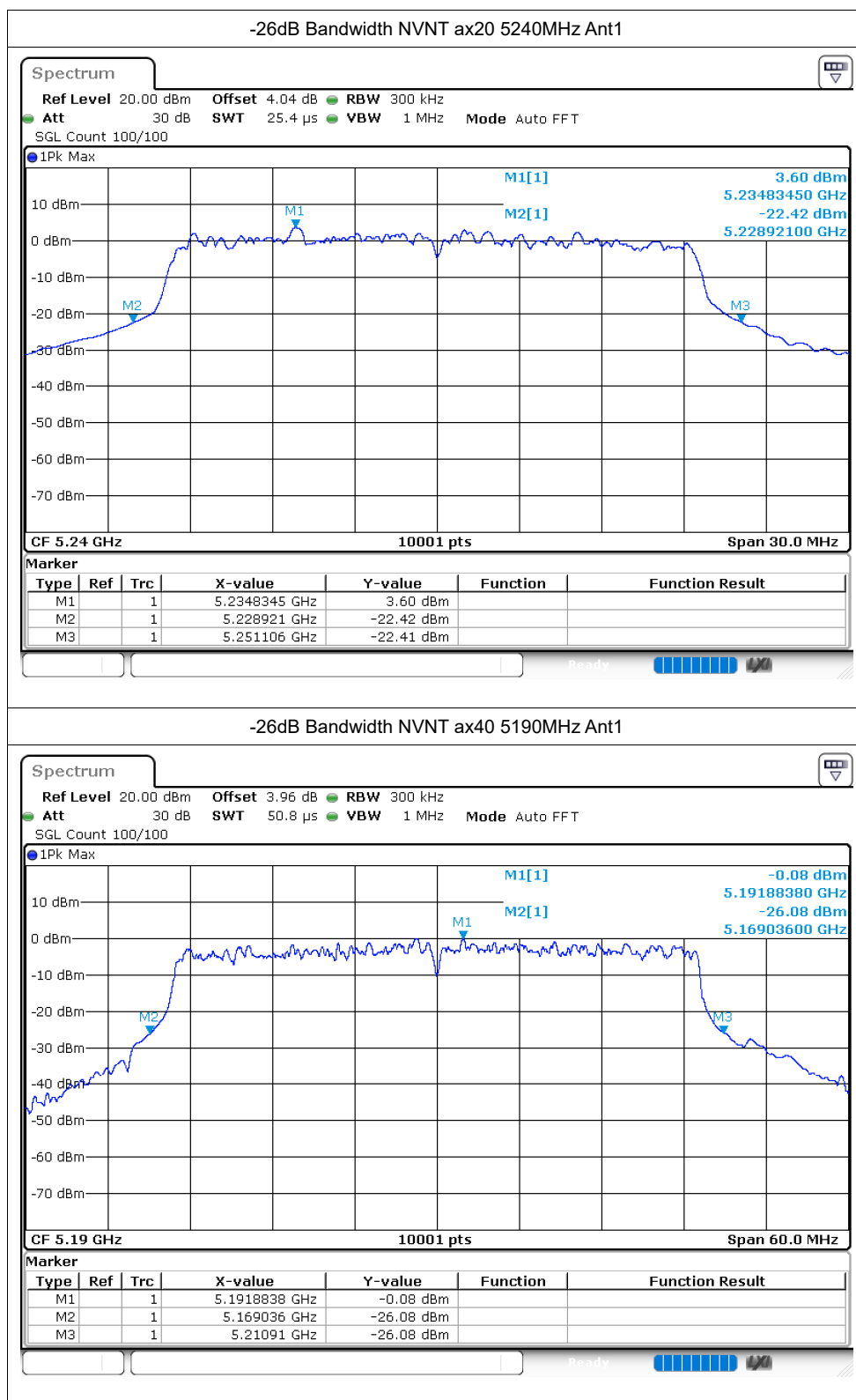


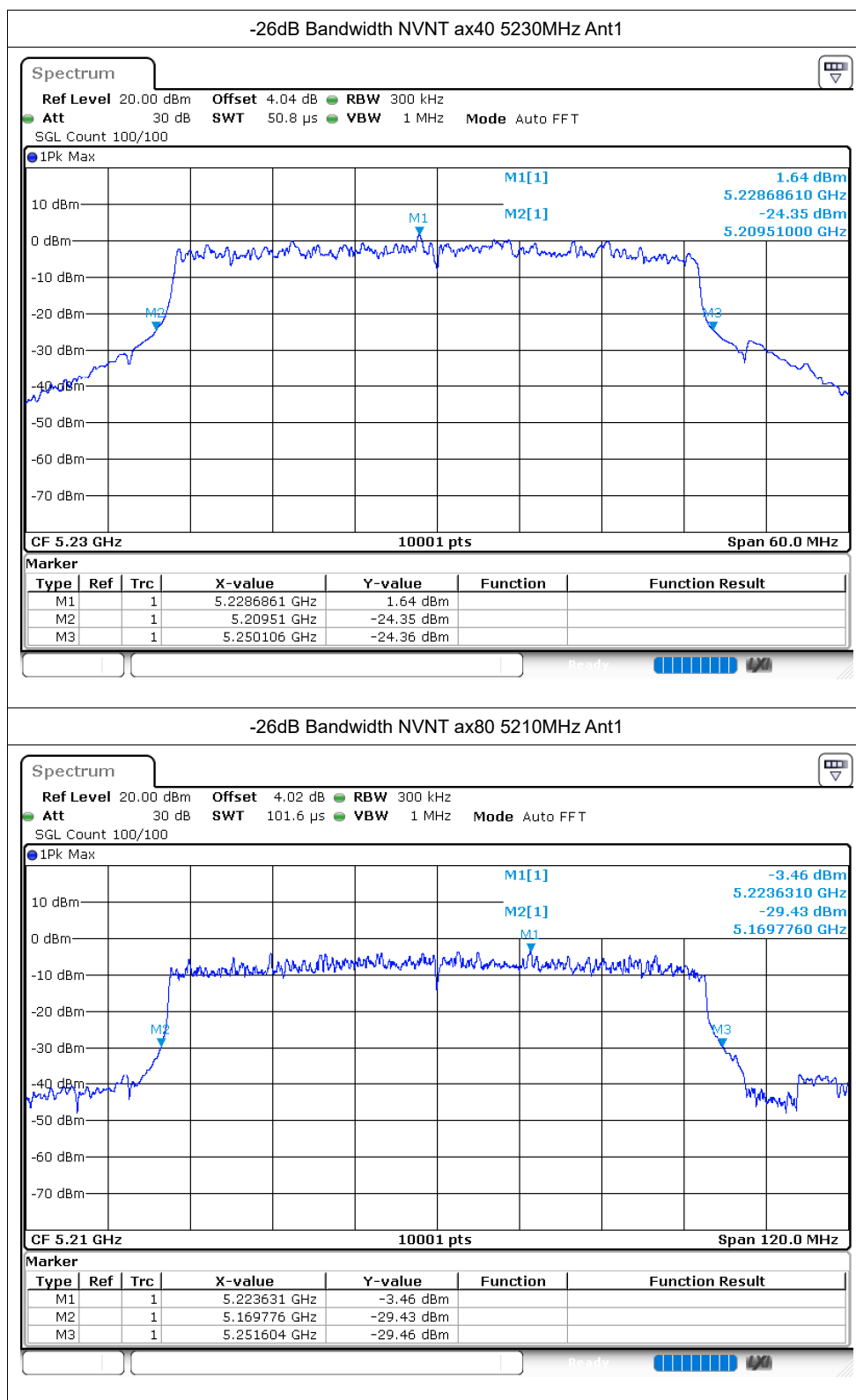
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.1989631 GHz	-0.92 dBm		
M2	1	1	5.168964 GHz	-26.92 dBm		
M3	1	1	5.21121 GHz	-26.92 dBm		









Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	17.041
NVNT	a	5200	Ant1	16.633
NVNT	a	5240	Ant1	16.942
NVNT	n20	5180	Ant1	17.83
NVNT	n20	5200	Ant1	17.995
NVNT	n20	5240	Ant1	17.902
NVNT	n40	5190	Ant1	36.242
NVNT	n40	5230	Ant1	36.164
NVNT	ac20	5180	Ant1	18.274
NVNT	ac20	5200	Ant1	17.923
NVNT	ac20	5240	Ant1	17.926
NVNT	ac40	5190	Ant1	36.29
NVNT	ac40	5230	Ant1	36.146
NVNT	ac80	5210	Ant1	75.58
NVNT	ax20	5180	Ant1	19.453
NVNT	ax20	5200	Ant1	19.012
NVNT	ax20	5240	Ant1	19.12
NVNT	ax40	5190	Ant1	37.724
NVNT	ax40	5230	Ant1	37.682
NVNT	ax80	5210	Ant1	77.104

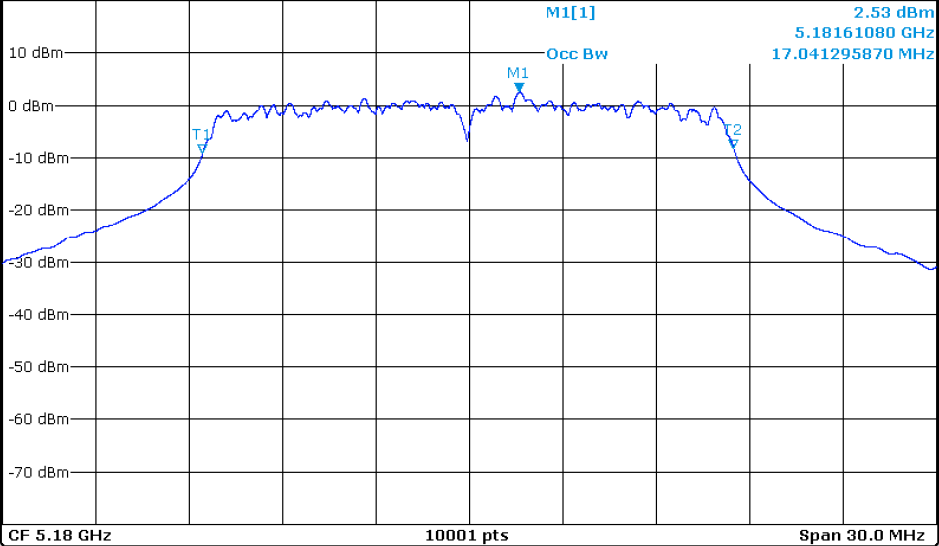
Test Graphs

OBW NVNT a 5180MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 3.96 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max

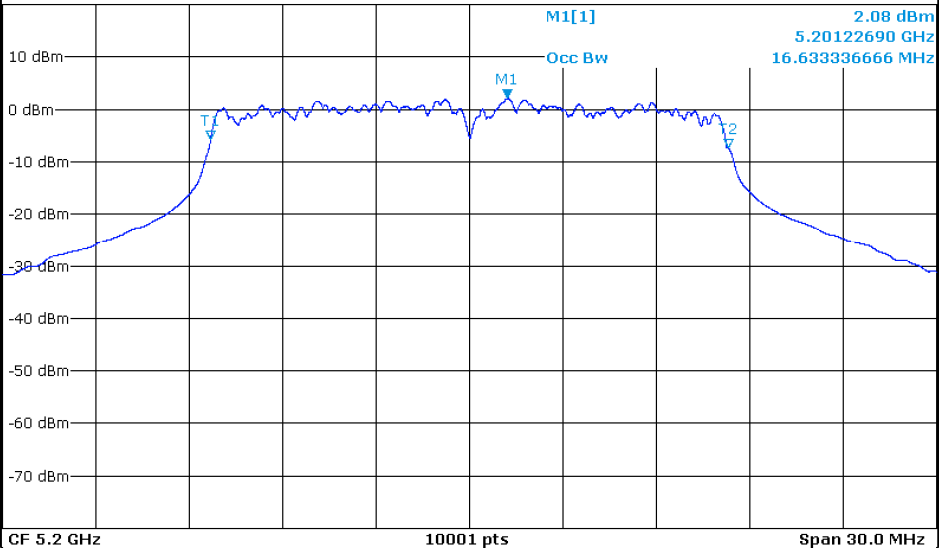


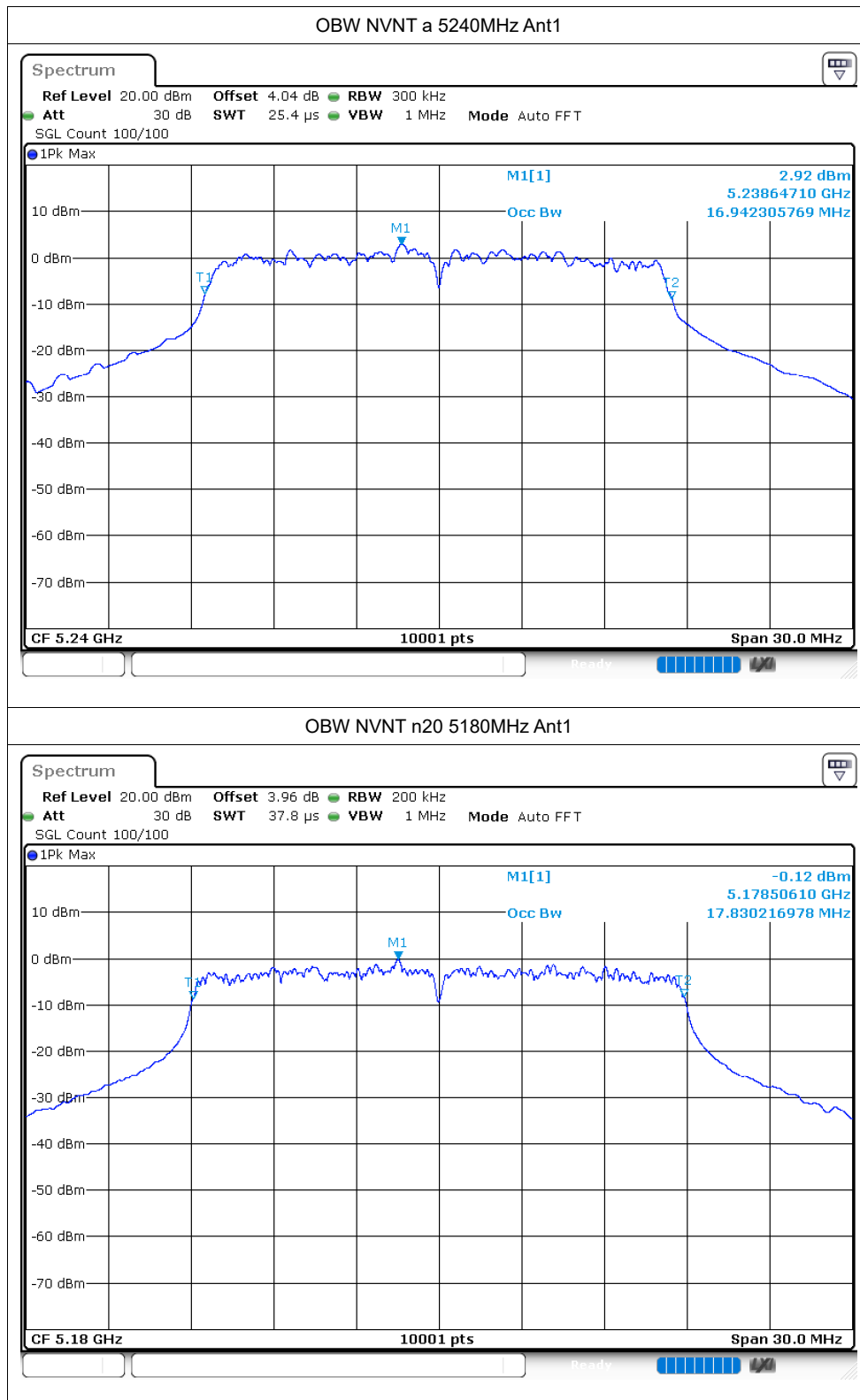
OBW NVNT a 5200MHz Ant1

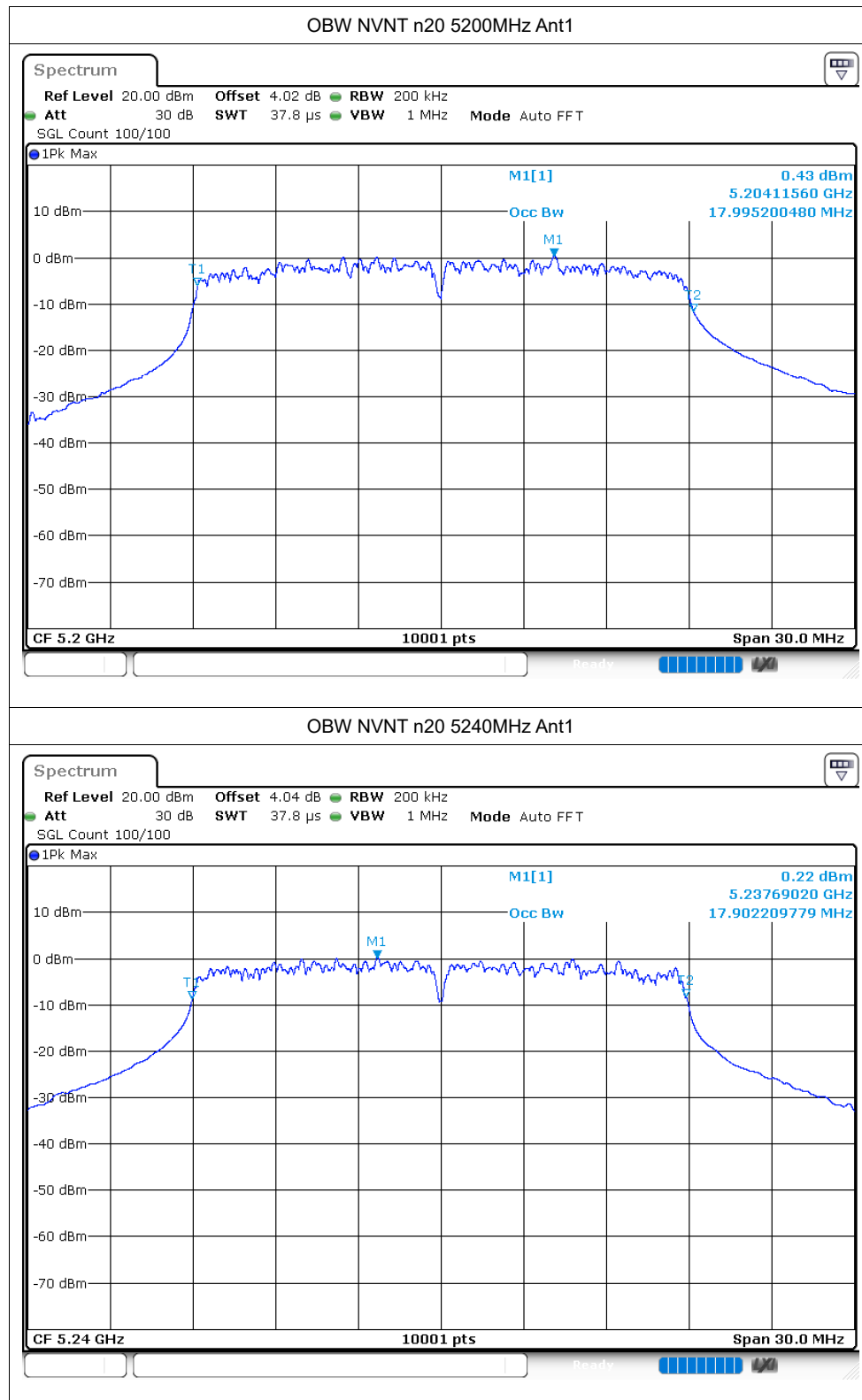
Spectrum

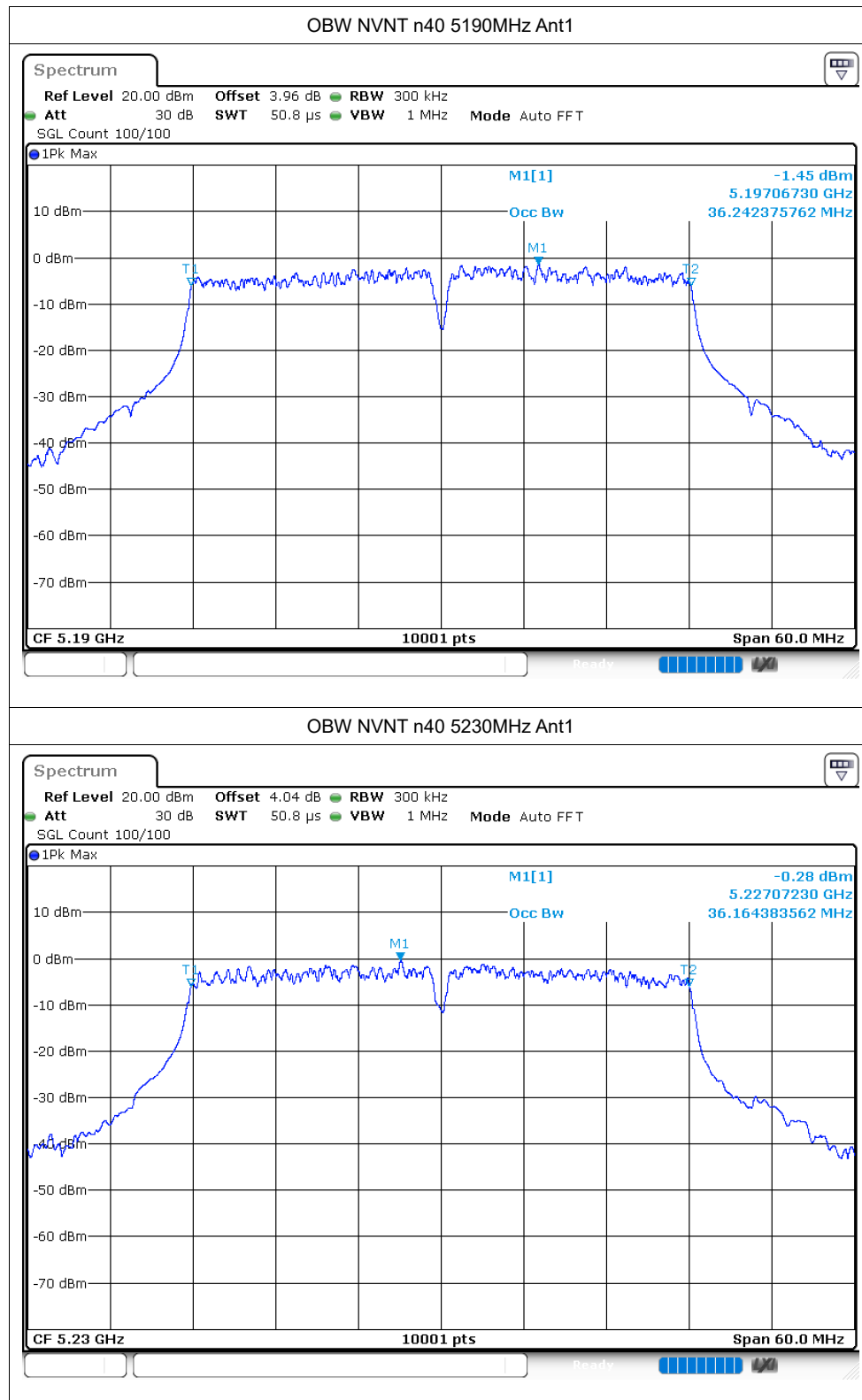
Ref Level 20.00 dBm Offset 4.02 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

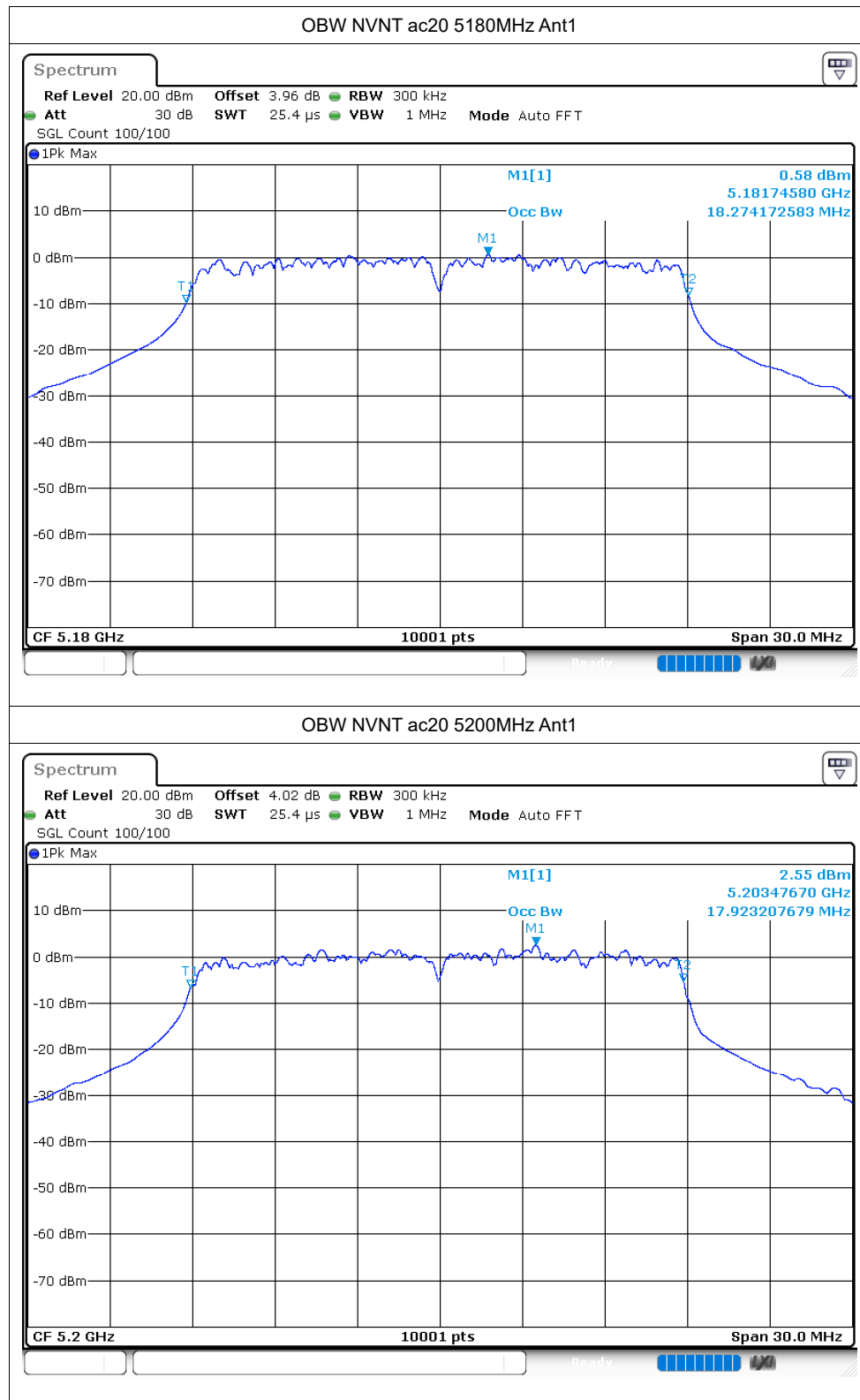
1Pk Max

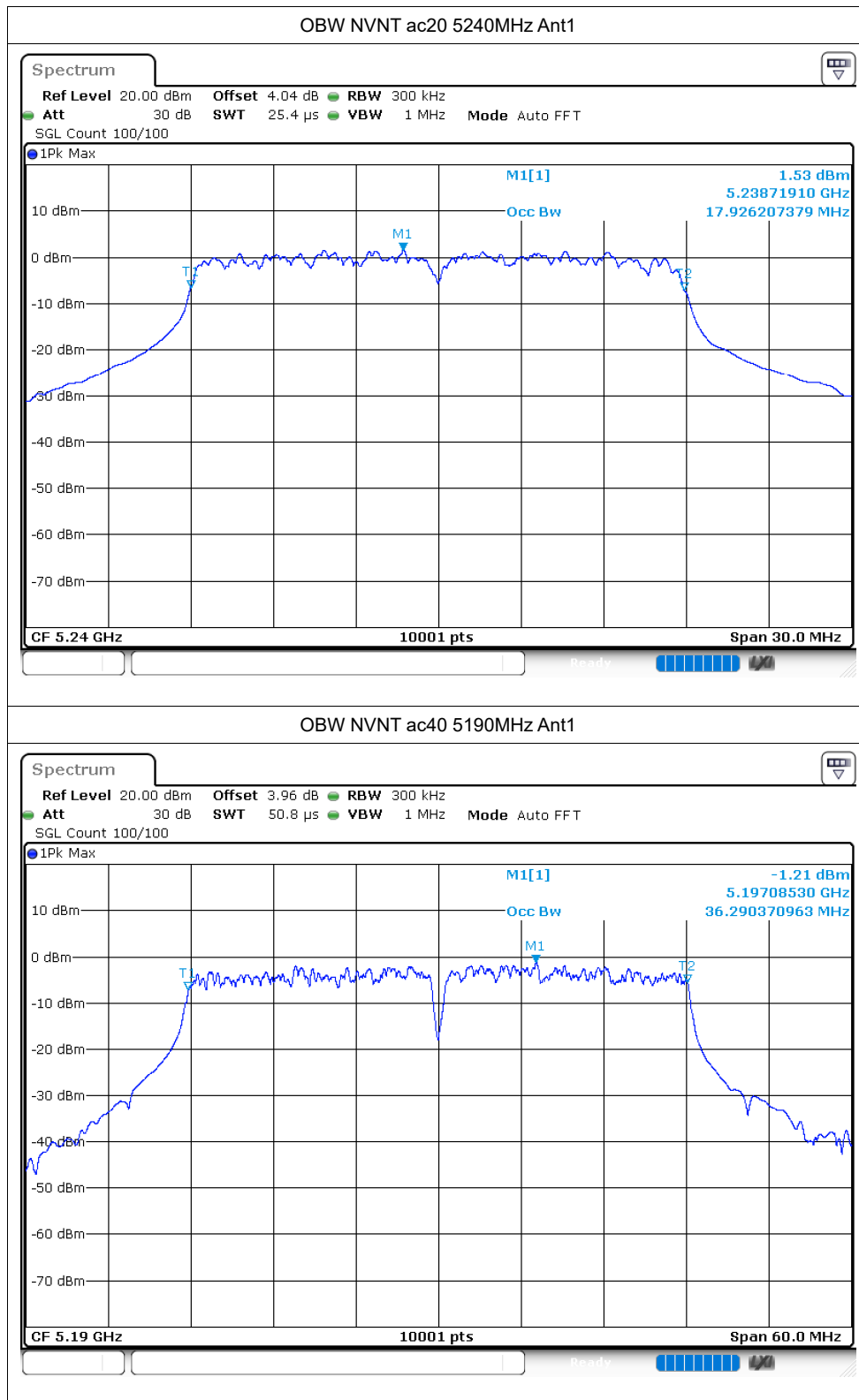


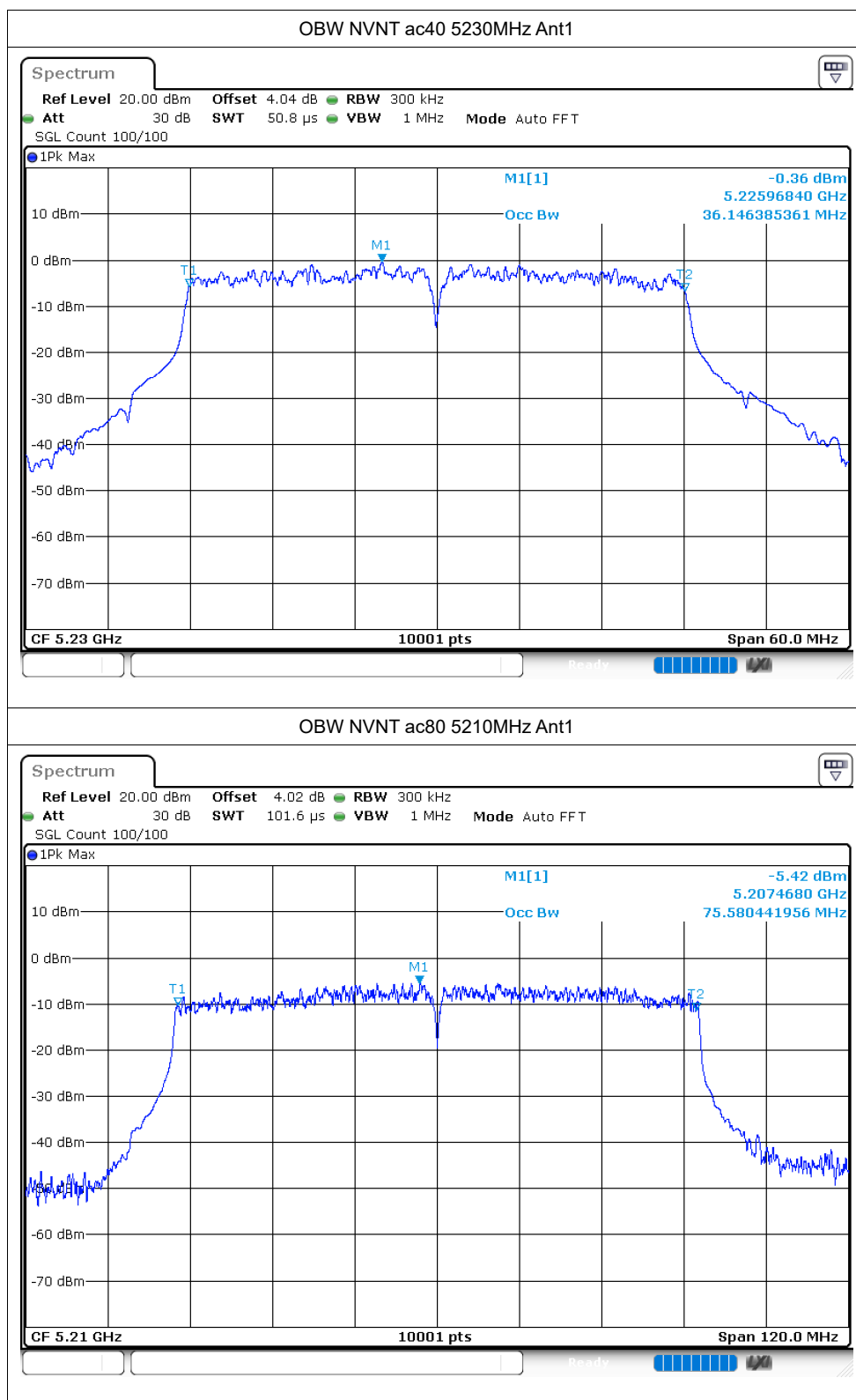


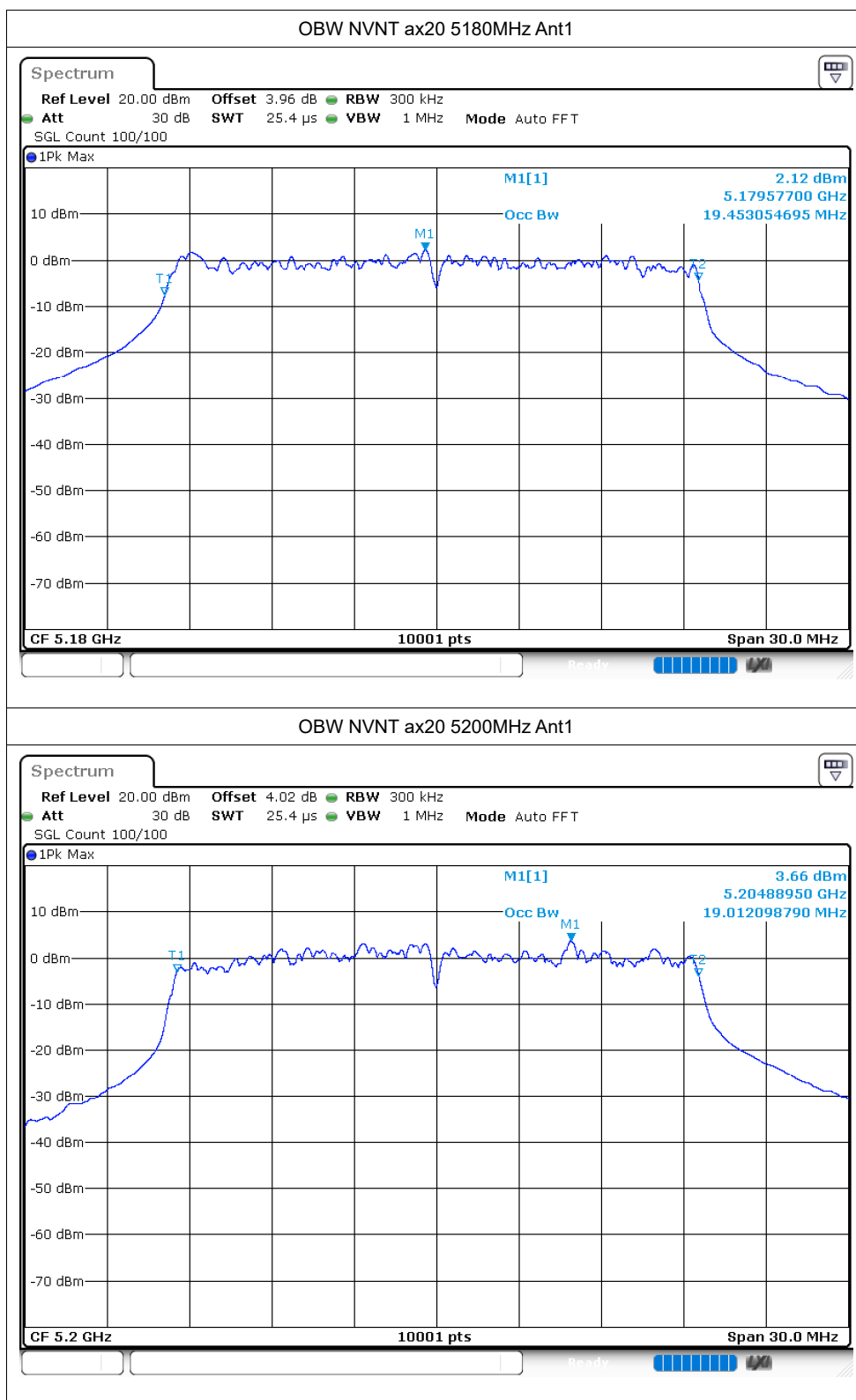


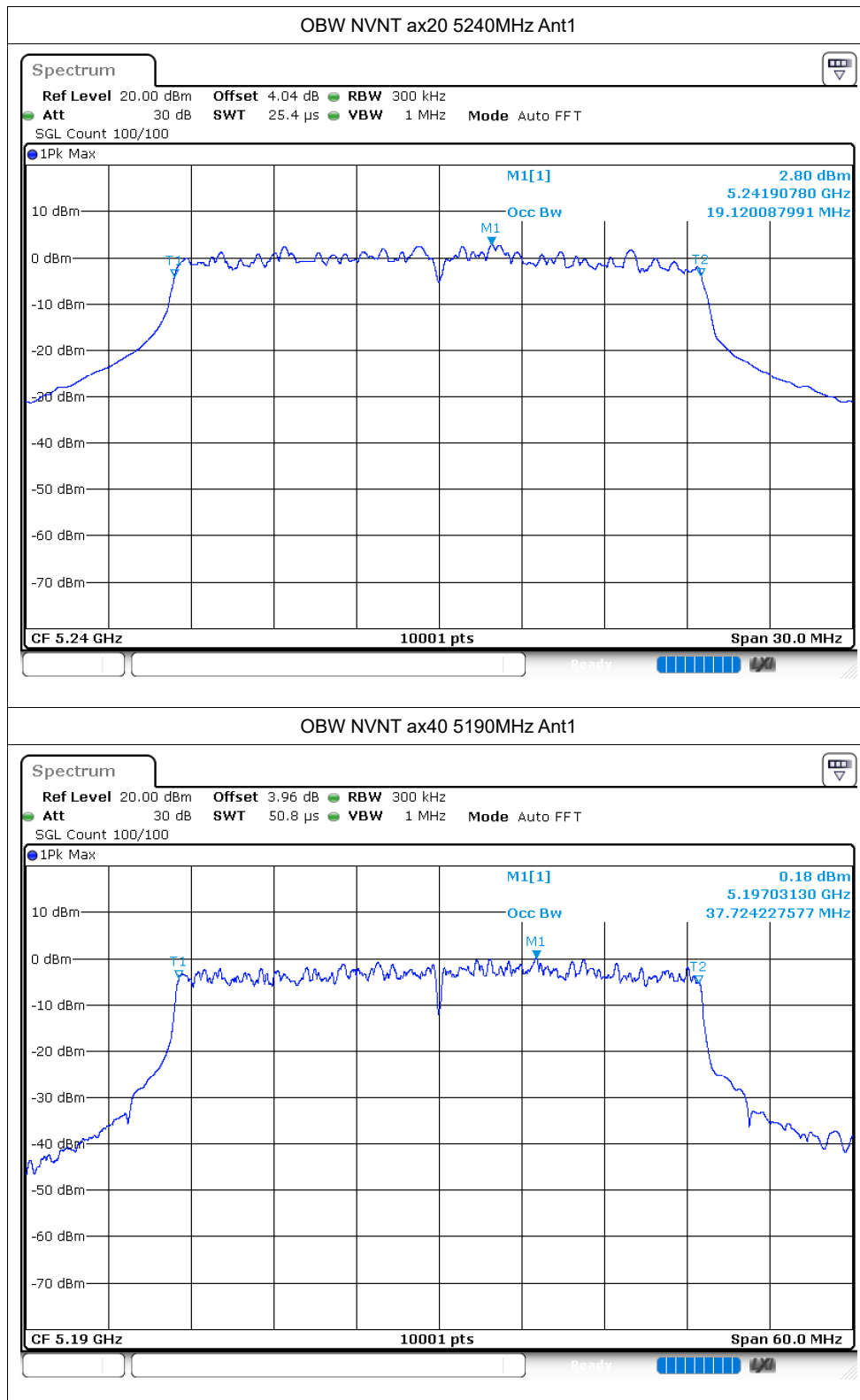


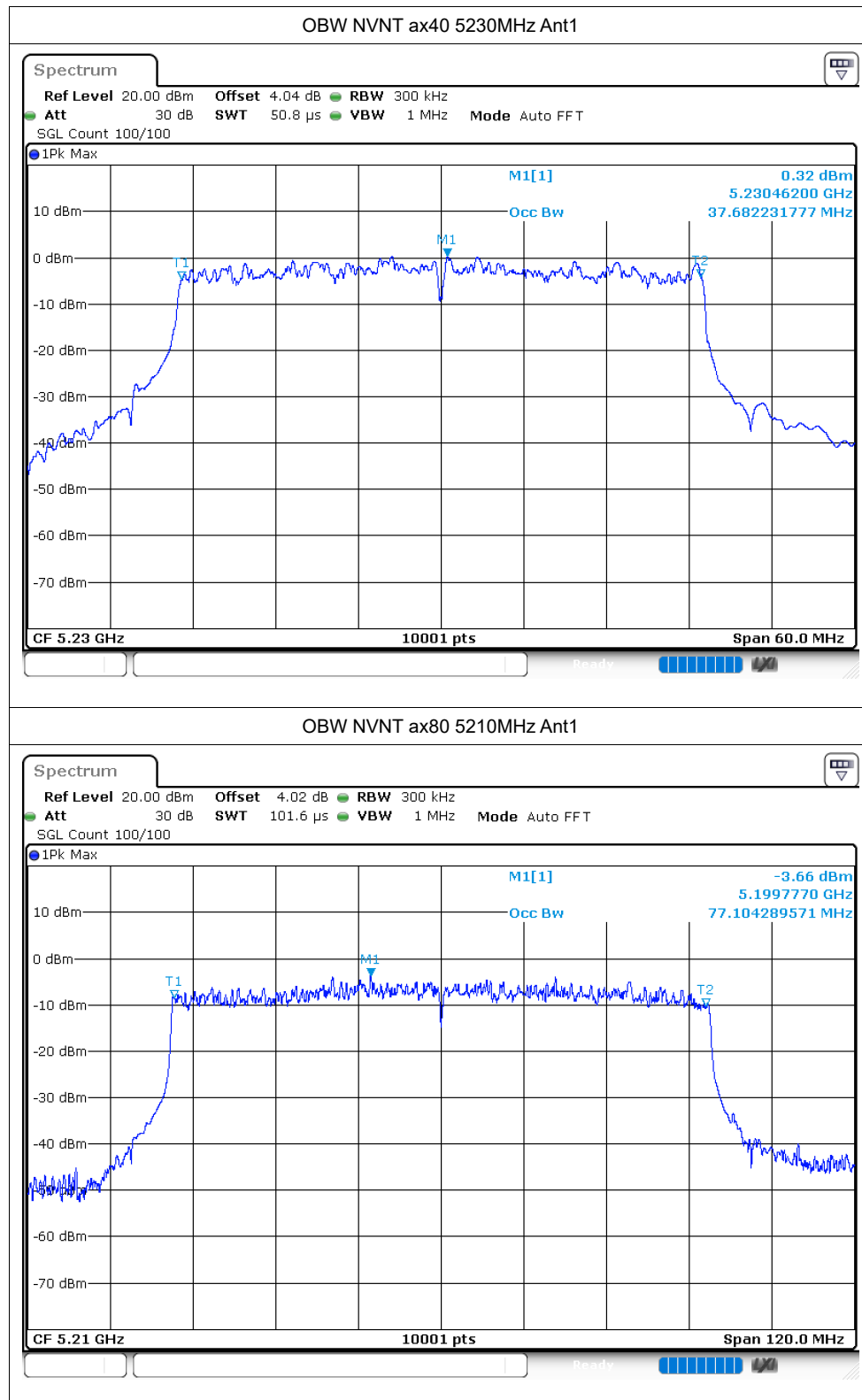












Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-2.24	0.31	-1.93	11	Pass
NVNT	a	5200	Ant1	-2.19	0.36	-1.83	11	Pass
NVNT	a	5240	Ant1	-2.45	0.34	-2.11	11	Pass
NVNT	n20	5180	Ant1	-2.2	0.31	-1.89	11	Pass
NVNT	n20	5200	Ant1	-3.07	0.84	-2.23	11	Pass
NVNT	n20	5240	Ant1	-2.14	0.32	-1.82	11	Pass
NVNT	n40	5190	Ant1	-7.63	0.56	-7.07	11	Pass
NVNT	n40	5230	Ant1	-7.99	0.53	-7.46	11	Pass
NVNT	ac20	5180	Ant1	-2.48	0.31	-2.17	11	Pass
NVNT	ac20	5200	Ant1	-1.31	0.43	-0.88	11	Pass
NVNT	ac20	5240	Ant1	-2.84	0.37	-2.47	11	Pass
NVNT	ac40	5190	Ant1	-6.94	0.55	-6.39	11	Pass
NVNT	ac40	5230	Ant1	-8.13	0.53	-7.6	11	Pass
NVNT	ac80	5210	Ant1	-17.35	1.3	-16.05	11	Pass
NVNT	ax20	5180	Ant1	-3.13	0.35	-2.78	11	Pass
NVNT	ax20	5200	Ant1	-4.65	0.43	-4.22	11	Pass
NVNT	ax20	5240	Ant1	-4.32	0.48	-3.84	11	Pass
NVNT	ax40	5190	Ant1	-8.4	0.67	-7.73	11	Pass
NVNT	ax40	5230	Ant1	-15.71	1.87	-13.84	11	Pass
NVNT	ax80	5210	Ant1	-17.7	1.37	-16.33	11	Pass

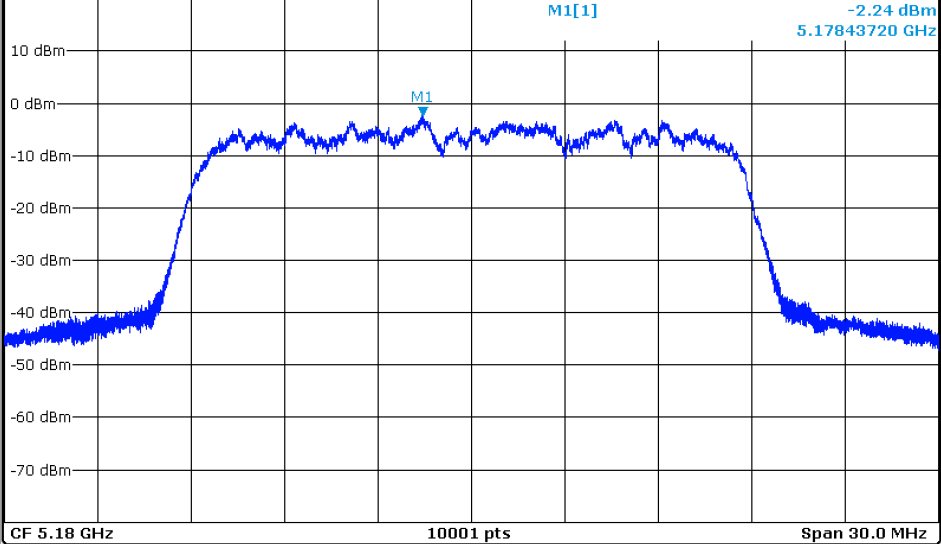
Test Graphs

PSD NVNT a 5180MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 3.96 dB RBW 1 MHz
Att 30 dB SWT 10.1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Av AvgLog

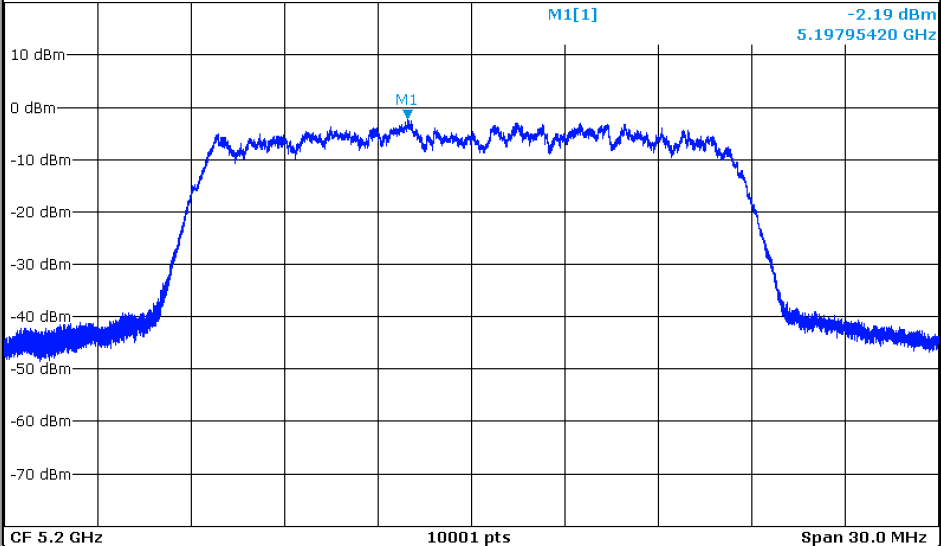


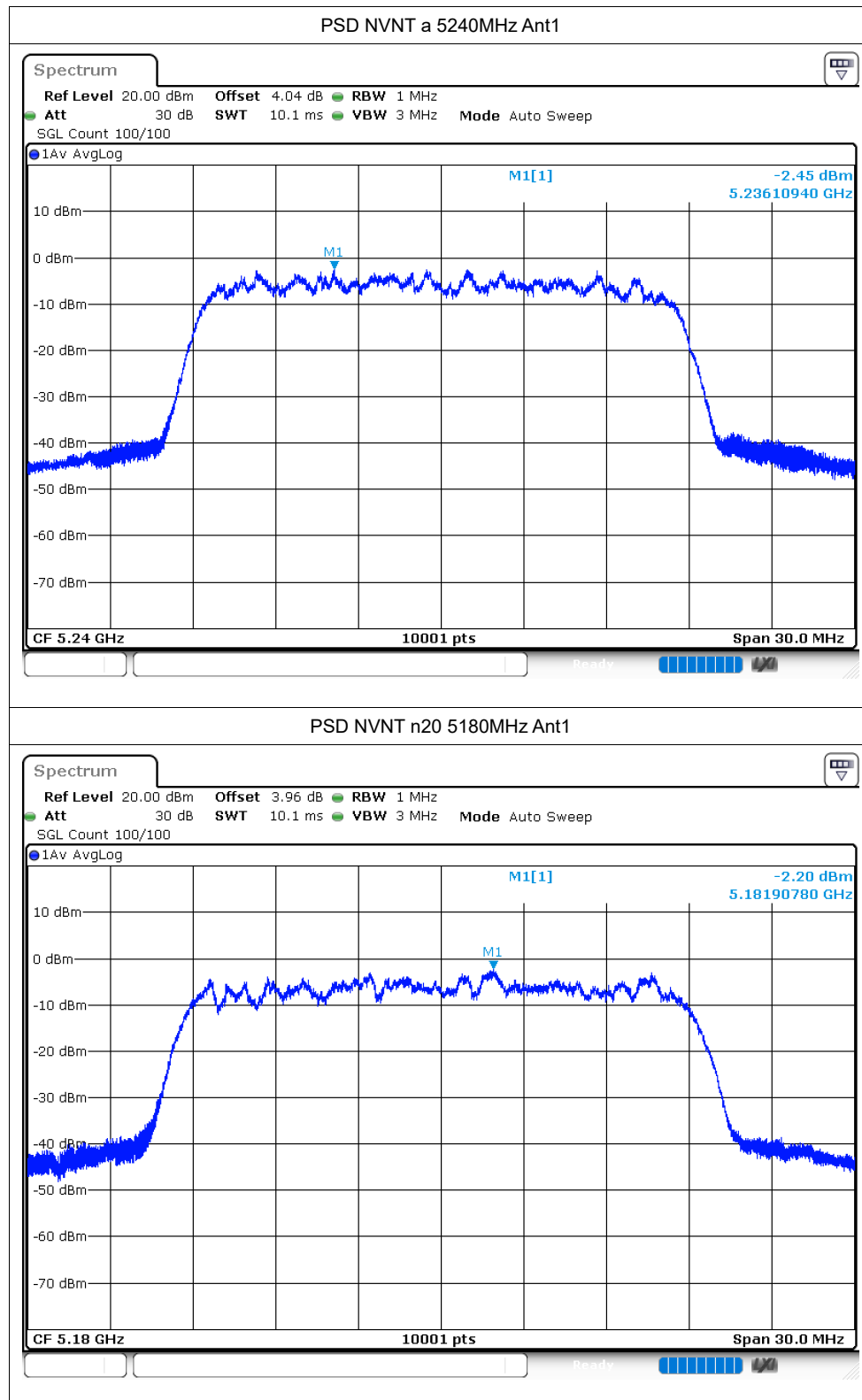
PSD NVNT a 5200MHz Ant1

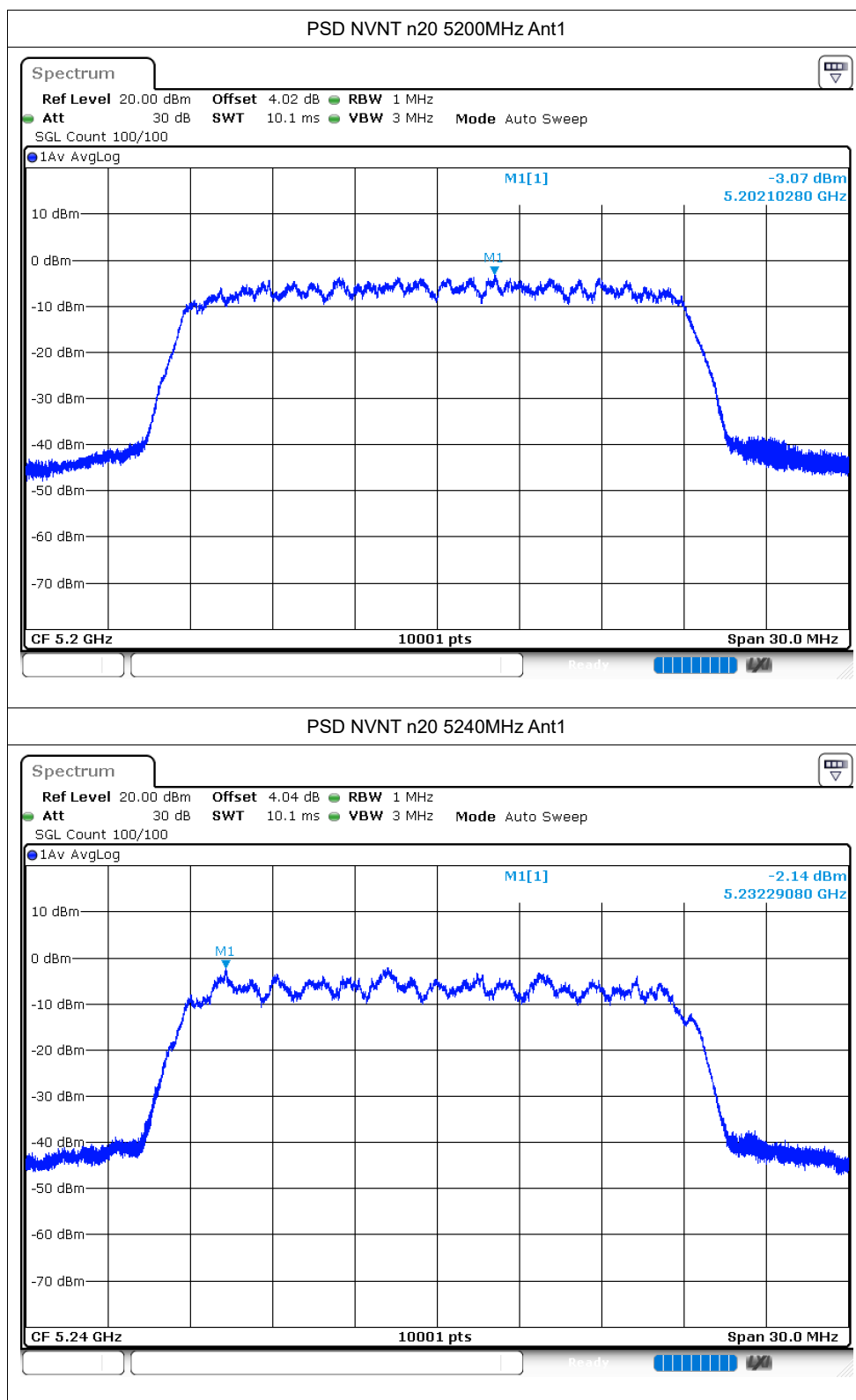
Spectrum

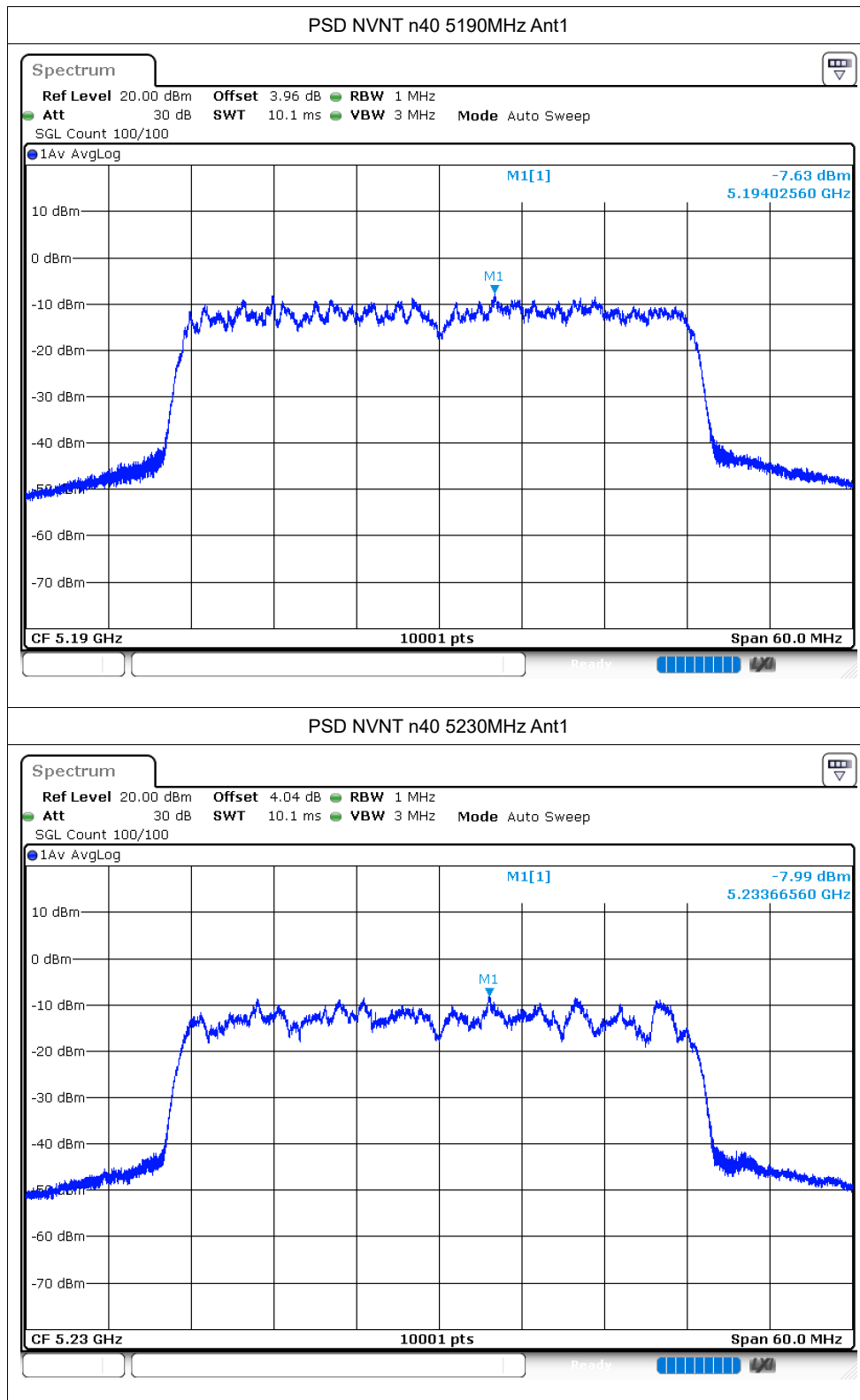
Ref Level 20.00 dBm Offset 4.02 dB RBW 1 MHz
Att 30 dB SWT 10.1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

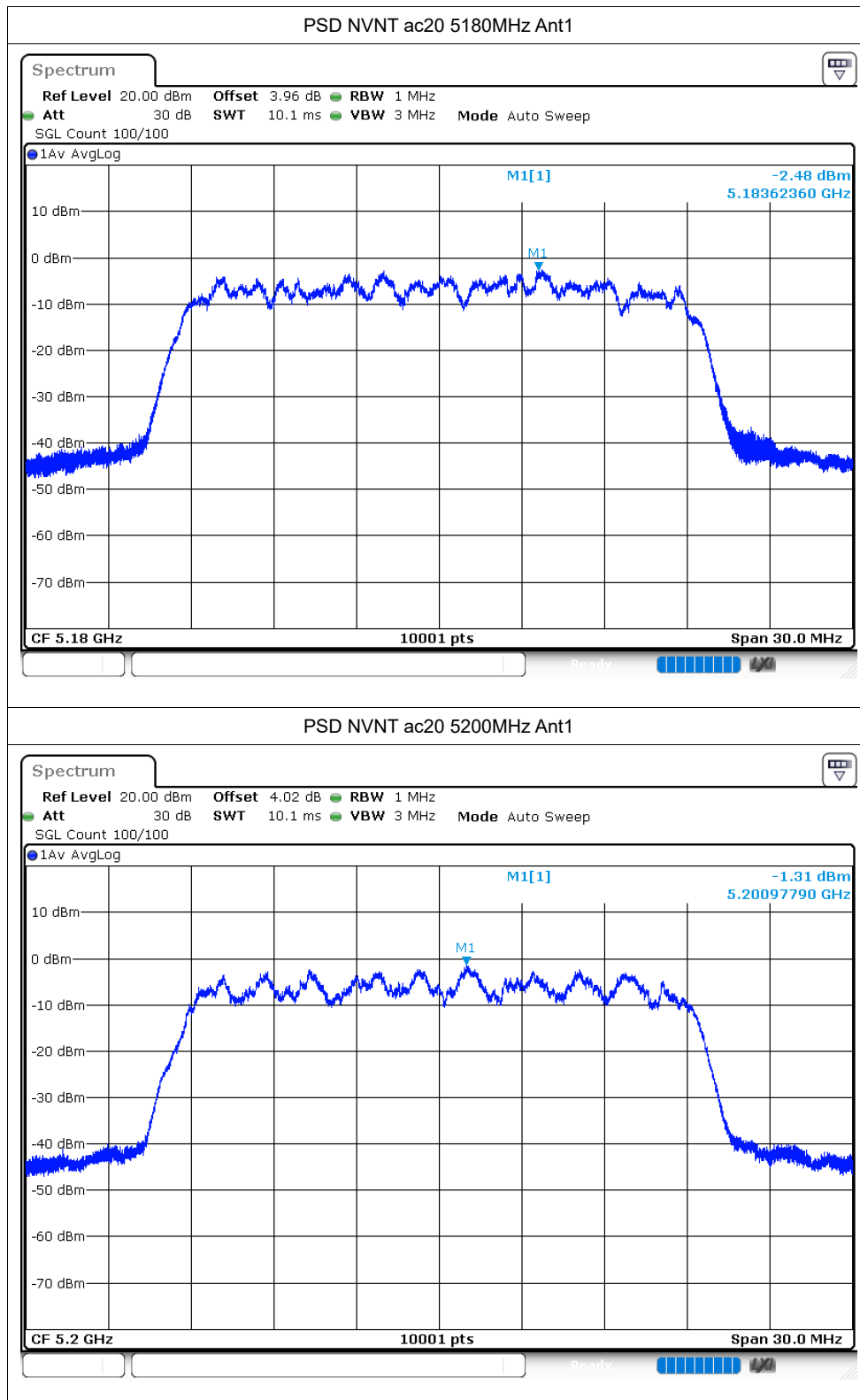
1Av AvgLog

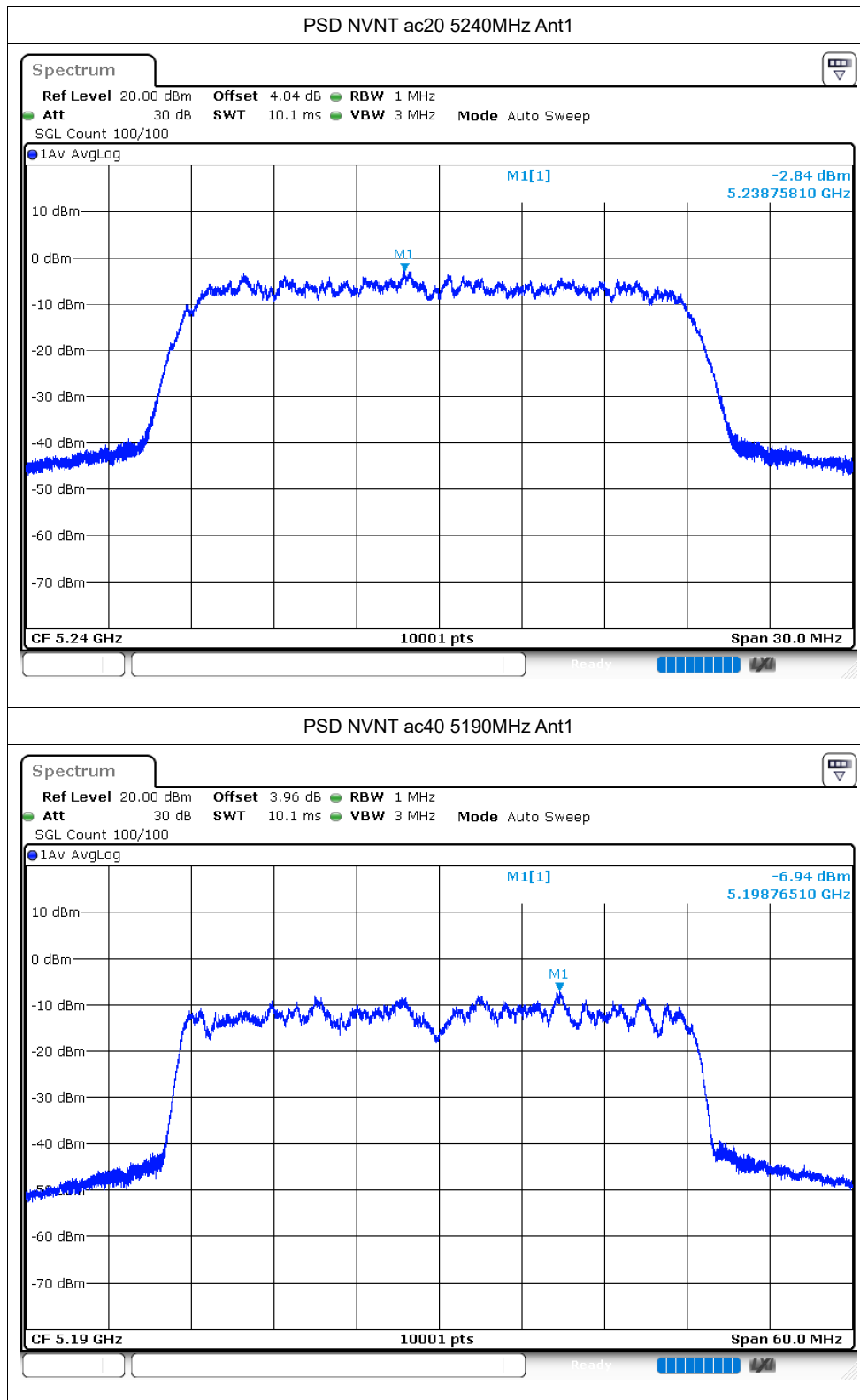


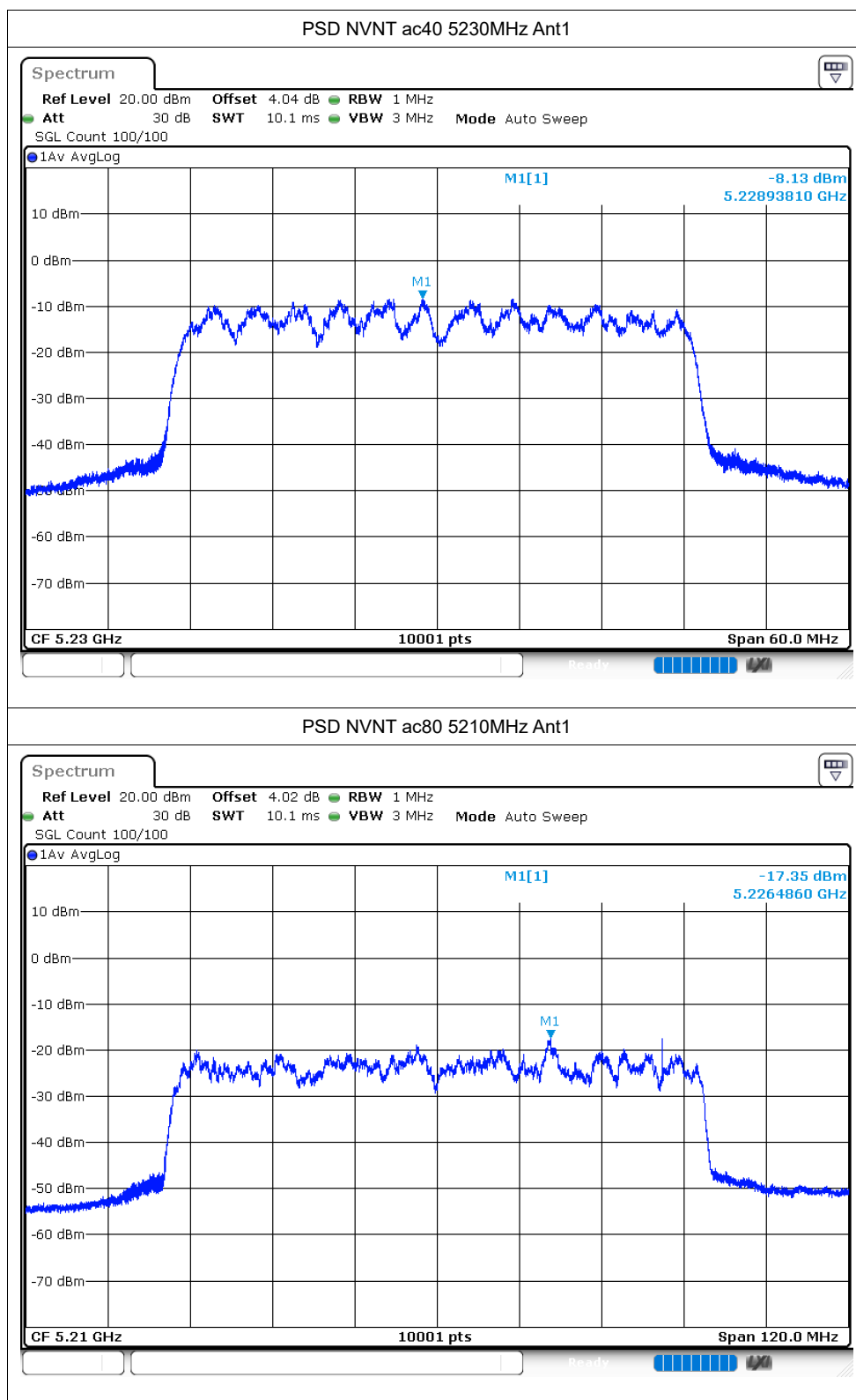


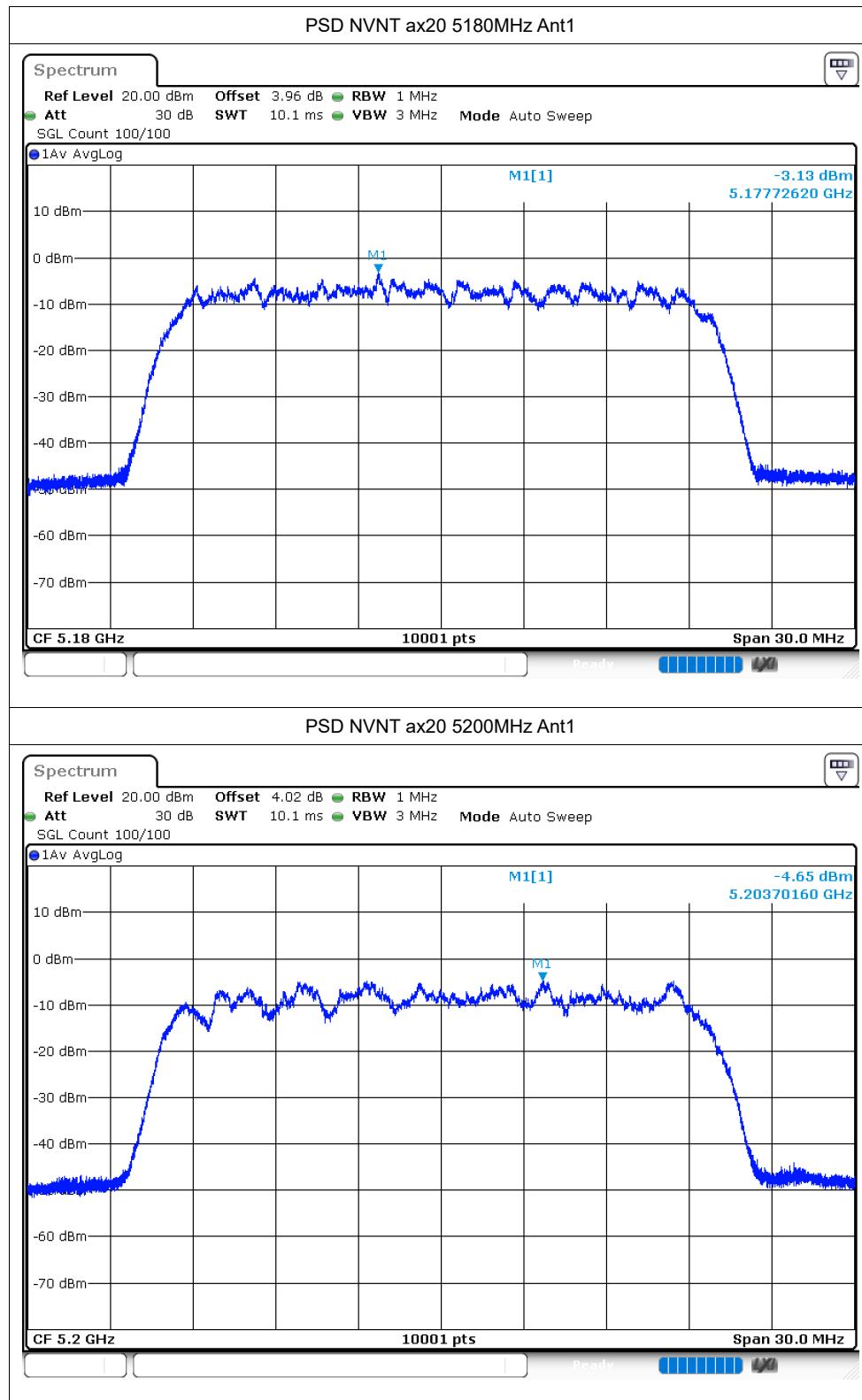


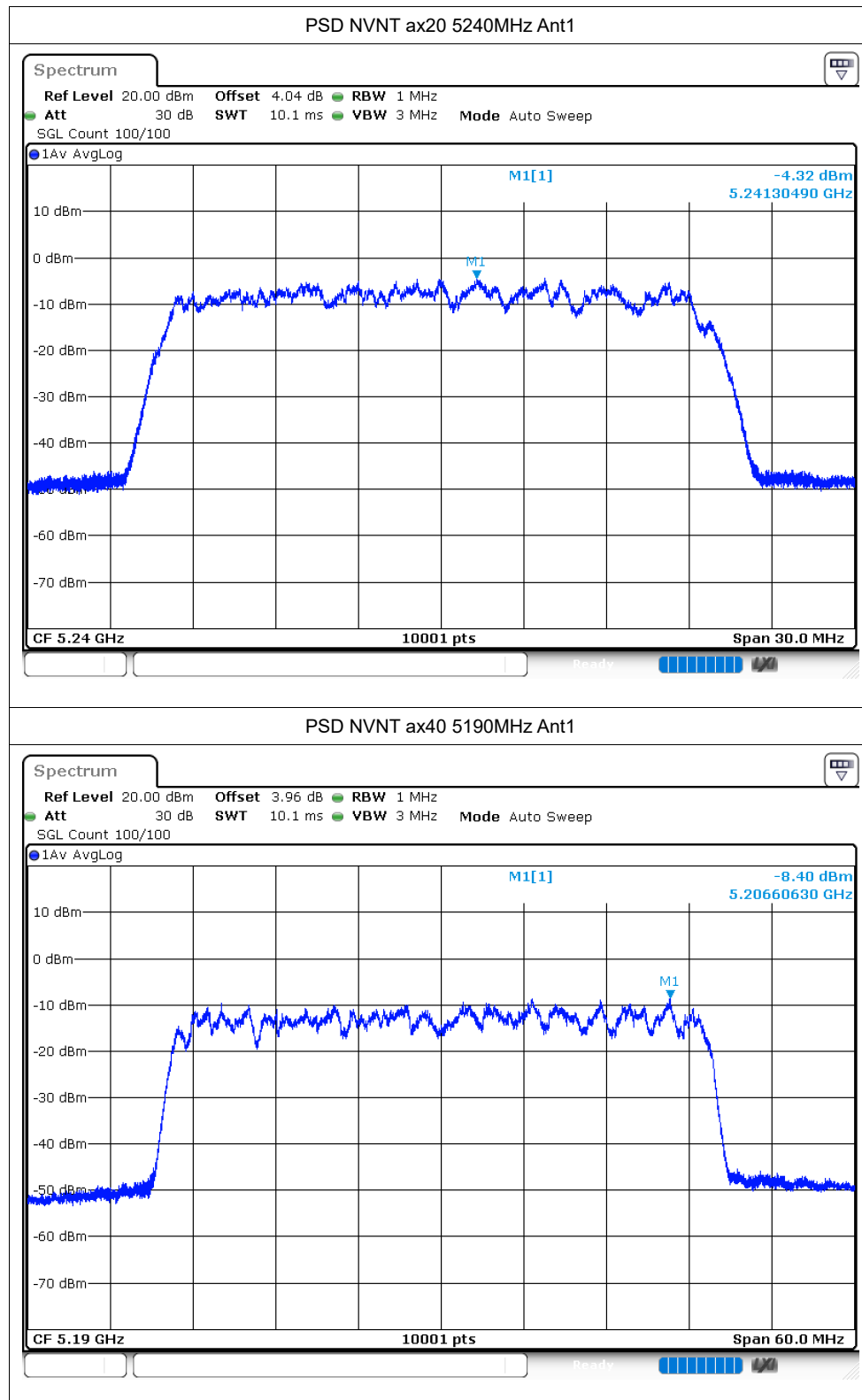


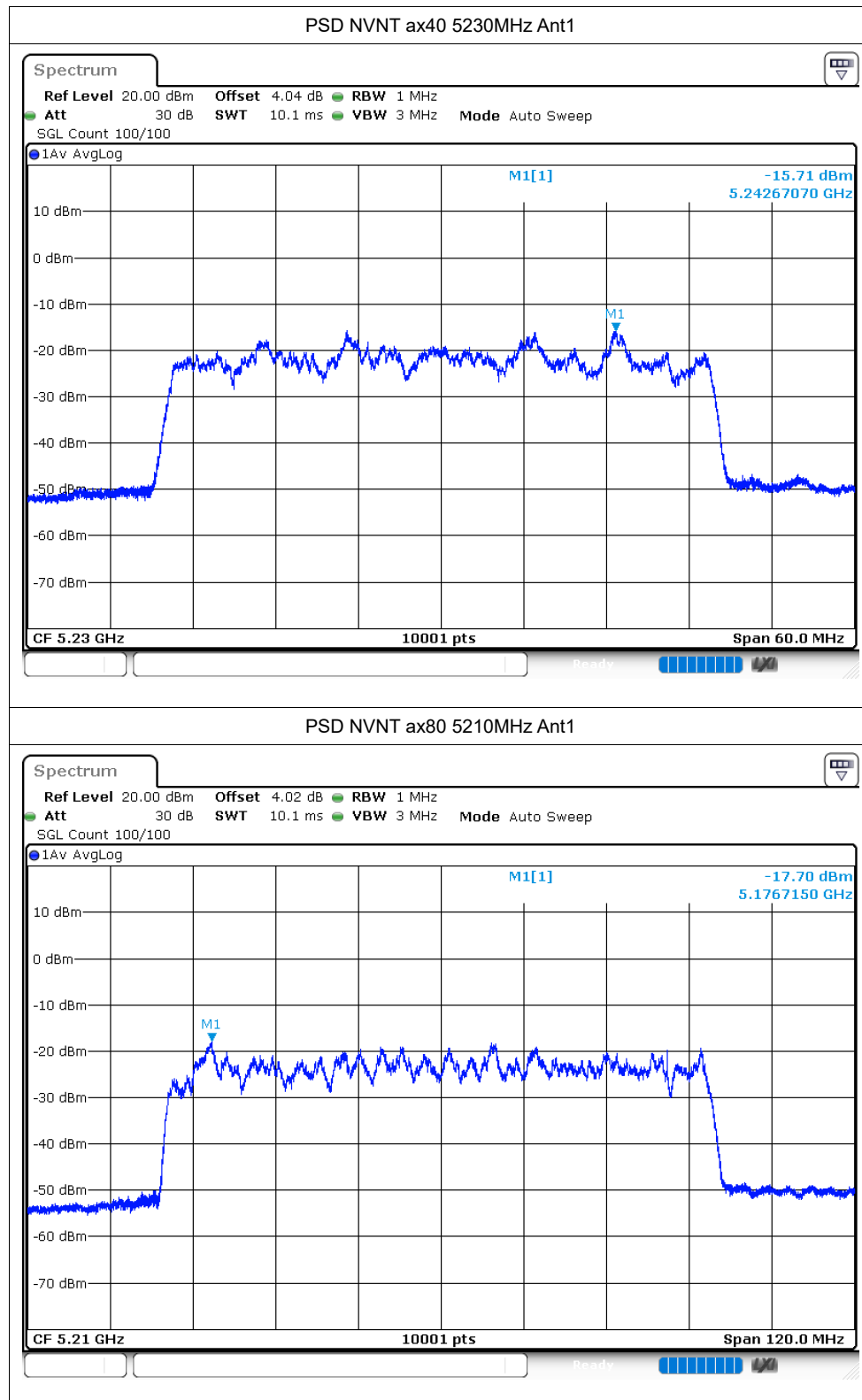












Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-31.62	-27	Pass
NVNT	a	5240	Ant1	-39.17	-27	Pass
NVNT	n20	5180	Ant1	-34.36	-27	Pass
NVNT	n20	5240	Ant1	-39.64	-27	Pass
NVNT	n40	5190	Ant1	-28.1	-27	Pass
NVNT	n40	5230	Ant1	-39.67	-27	Pass
NVNT	ac20	5180	Ant1	-32.76	-27	Pass
NVNT	ac20	5240	Ant1	-38.68	-27	Pass
NVNT	ac40	5190	Ant1	-28.53	-27	Pass
NVNT	ac40	5230	Ant1	-38.74	-27	Pass
NVNT	ac80	5210	Ant1	-39.48	-27	Pass
NVNT	ac80	5210	Ant1	-27.91	-27	Pass
NVNT	ax20	5180	Ant1	-29.02	-27	Pass
NVNT	ax20	5240	Ant1	-38.78	-27	Pass
NVNT	ax40	5190	Ant1	-31.33	-27	Pass
NVNT	ax40	5230	Ant1	-39.2	-27	Pass
NVNT	ax80	5210	Ant1	-38.95	-27	Pass
NVNT	ax80	5210	Ant1	-30.57	-27	Pass

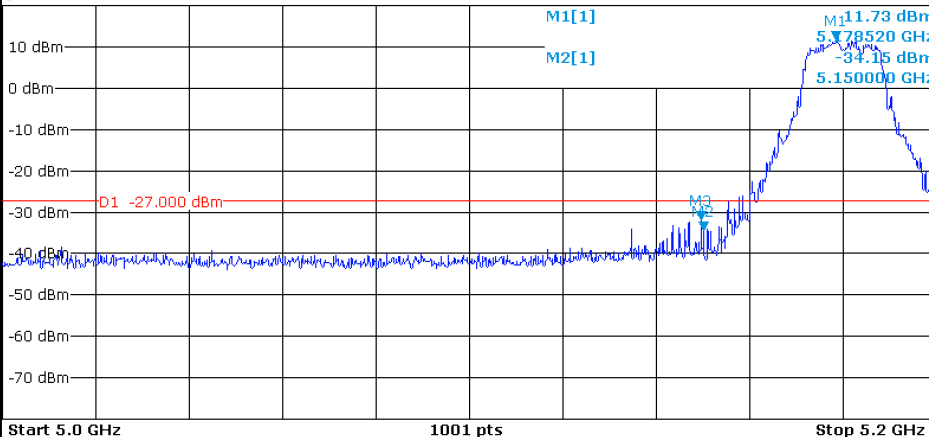
Test Graphs

Band Edge NVNT a 5180MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 7.38 dB RBW 1 MHz
 Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
 SGL Count 100/100

1Pk Max



Marker

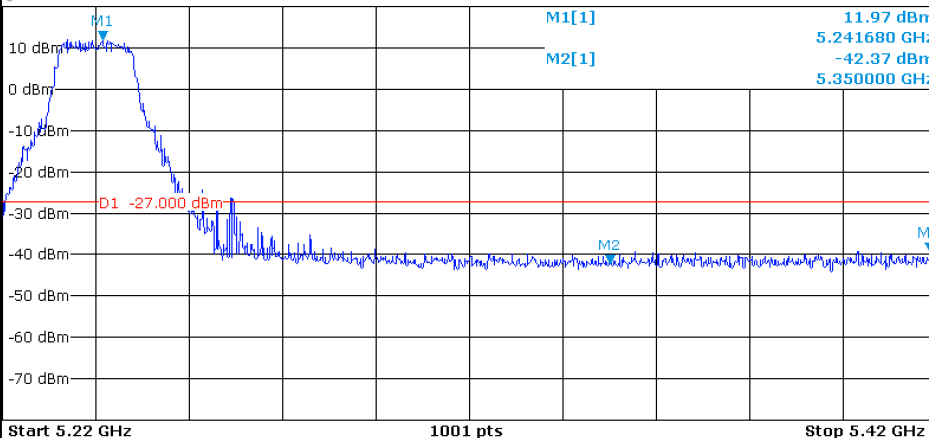
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.17852 GHz	11.73 dBm		
M2	1		5.15 GHz	-34.15 dBm		
M3	1		5.1496 GHz	-31.63 dBm		

Band Edge NVNT a 5240MHz High Ant1

Spectrum

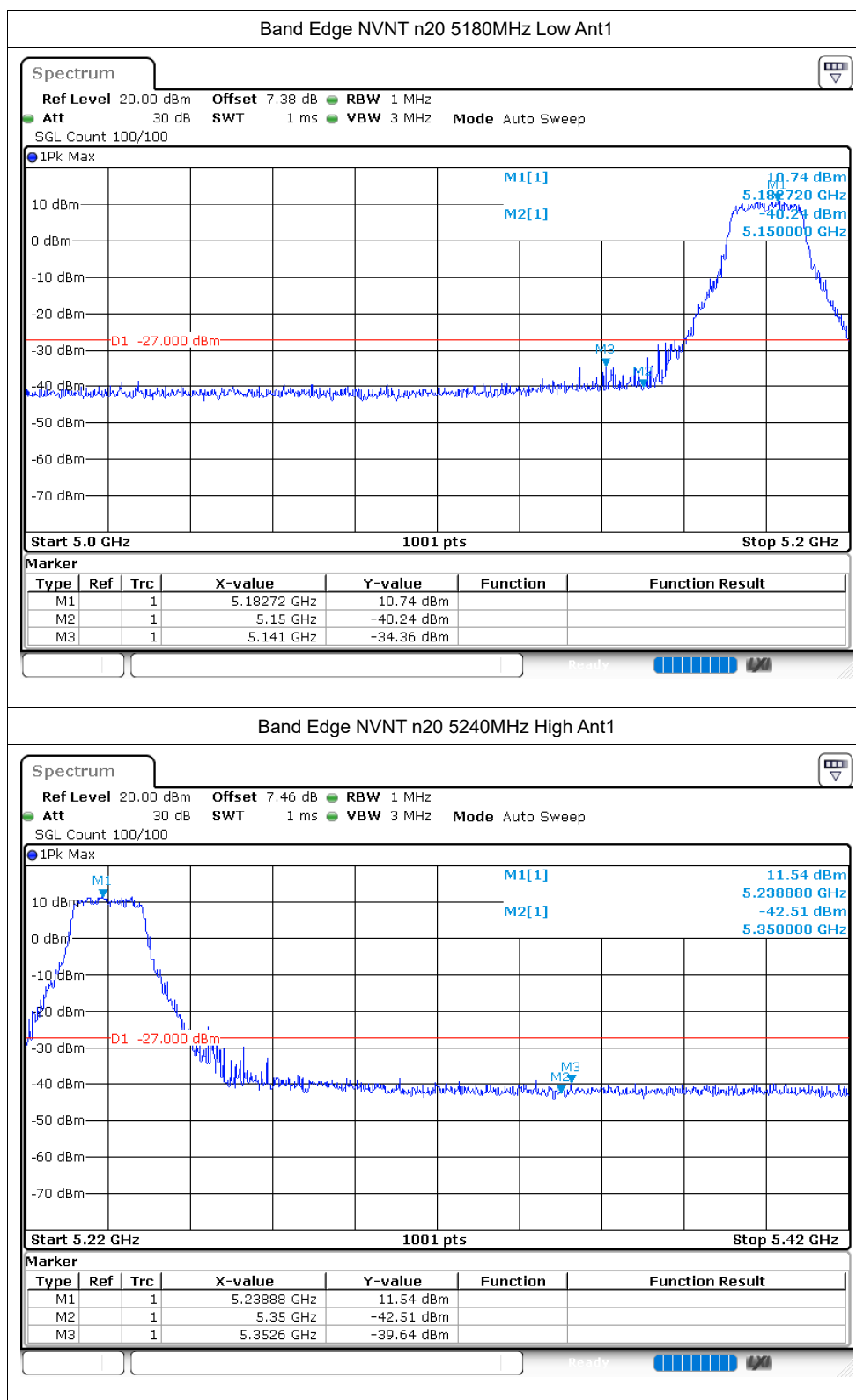
Ref Level 20.00 dBm Offset 7.46 dB RBW 1 MHz
 Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
 SGL Count 100/100

1Pk Max



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.24168 GHz	11.97 dBm		
M2	1		5.35 GHz	-42.37 dBm		
M3	1		5.4184 GHz	-39.17 dBm		

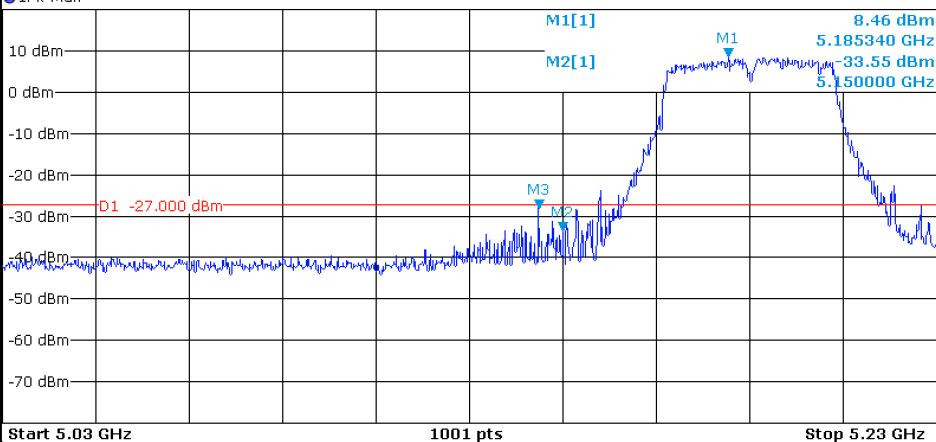


Band Edge NVNT n40 5190MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 7.38 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

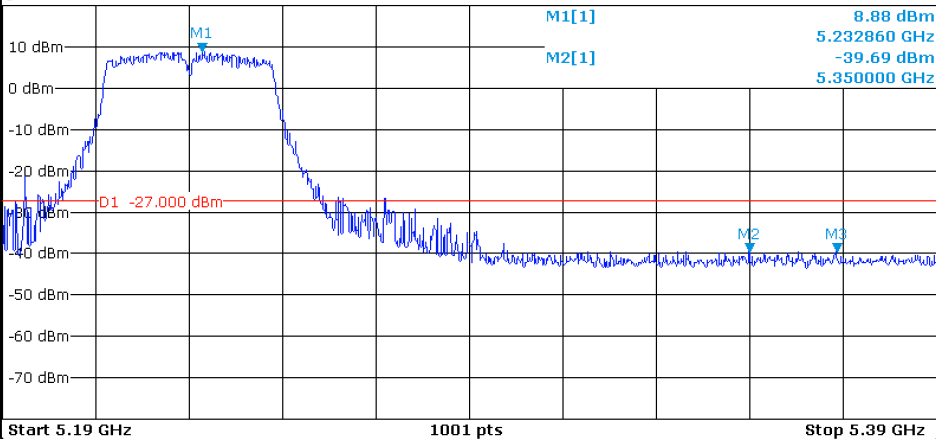
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.18534 GHz	8.46 dBm		
M2		1	5.15 GHz	-33.55 dBm		
M3		1	5.1448 GHz	-28.10 dBm		

Band Edge NVNT n40 5230MHz High Ant1

Spectrum

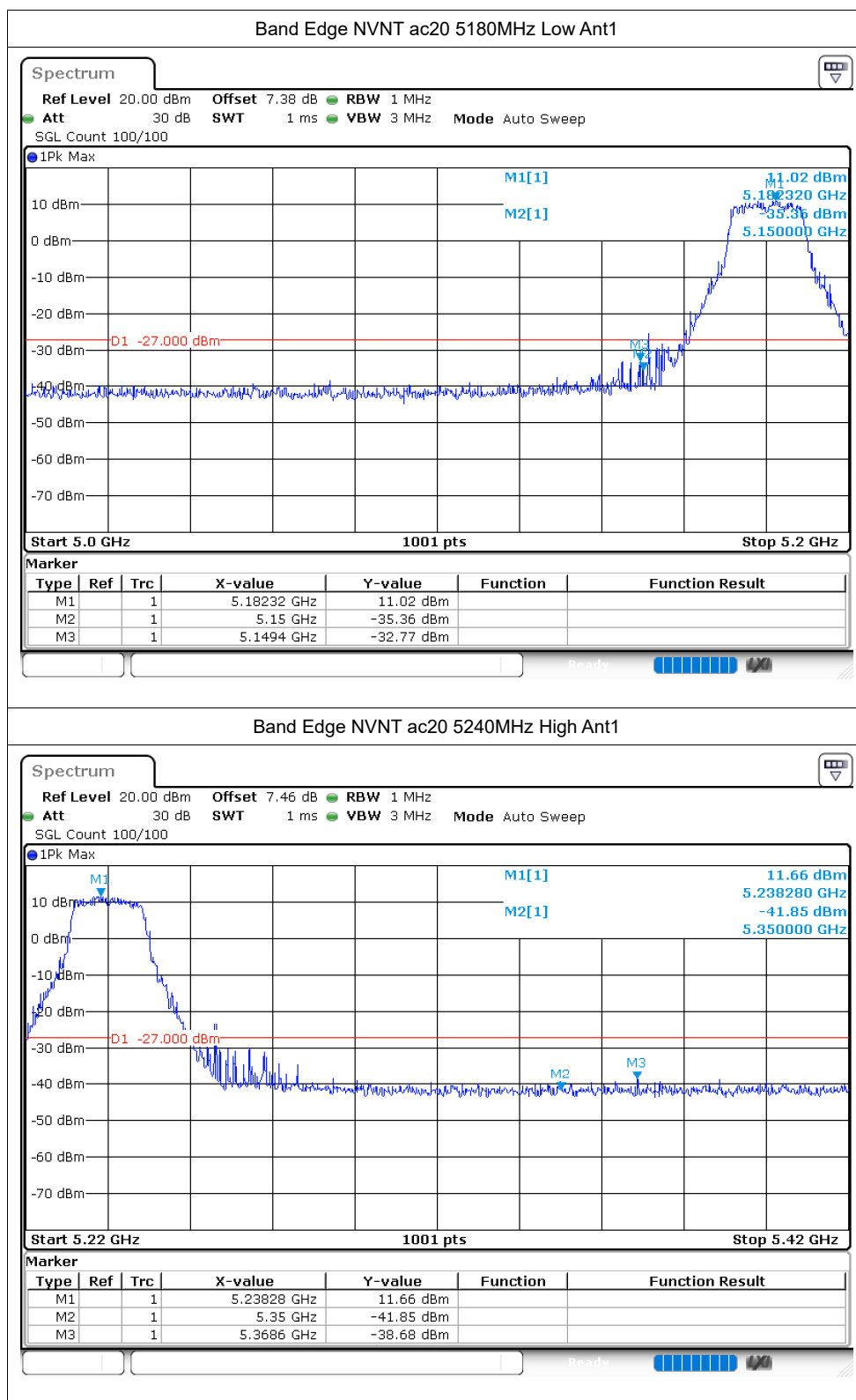
Ref Level 20.00 dBm Offset 7.46 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

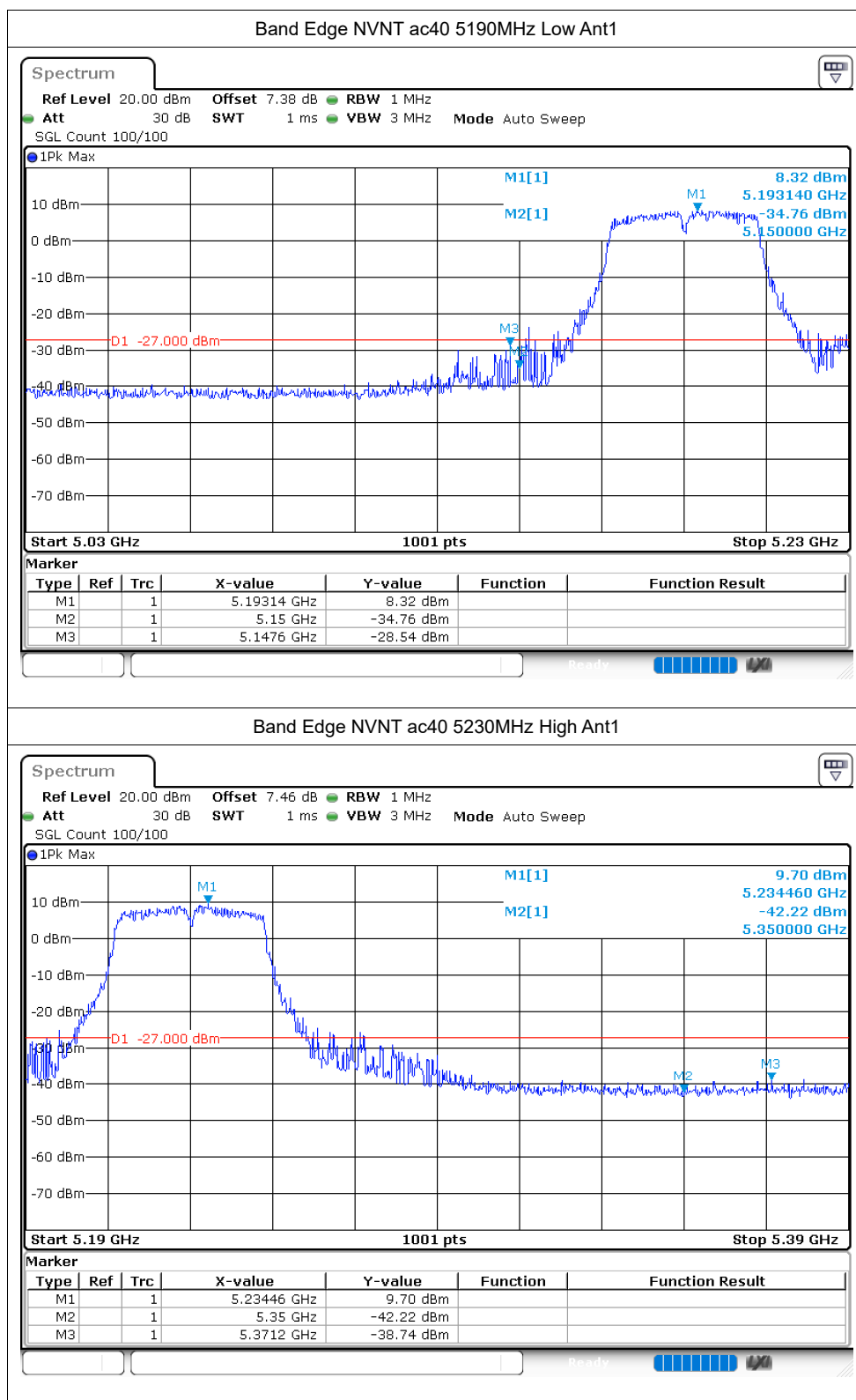
1Pk Max

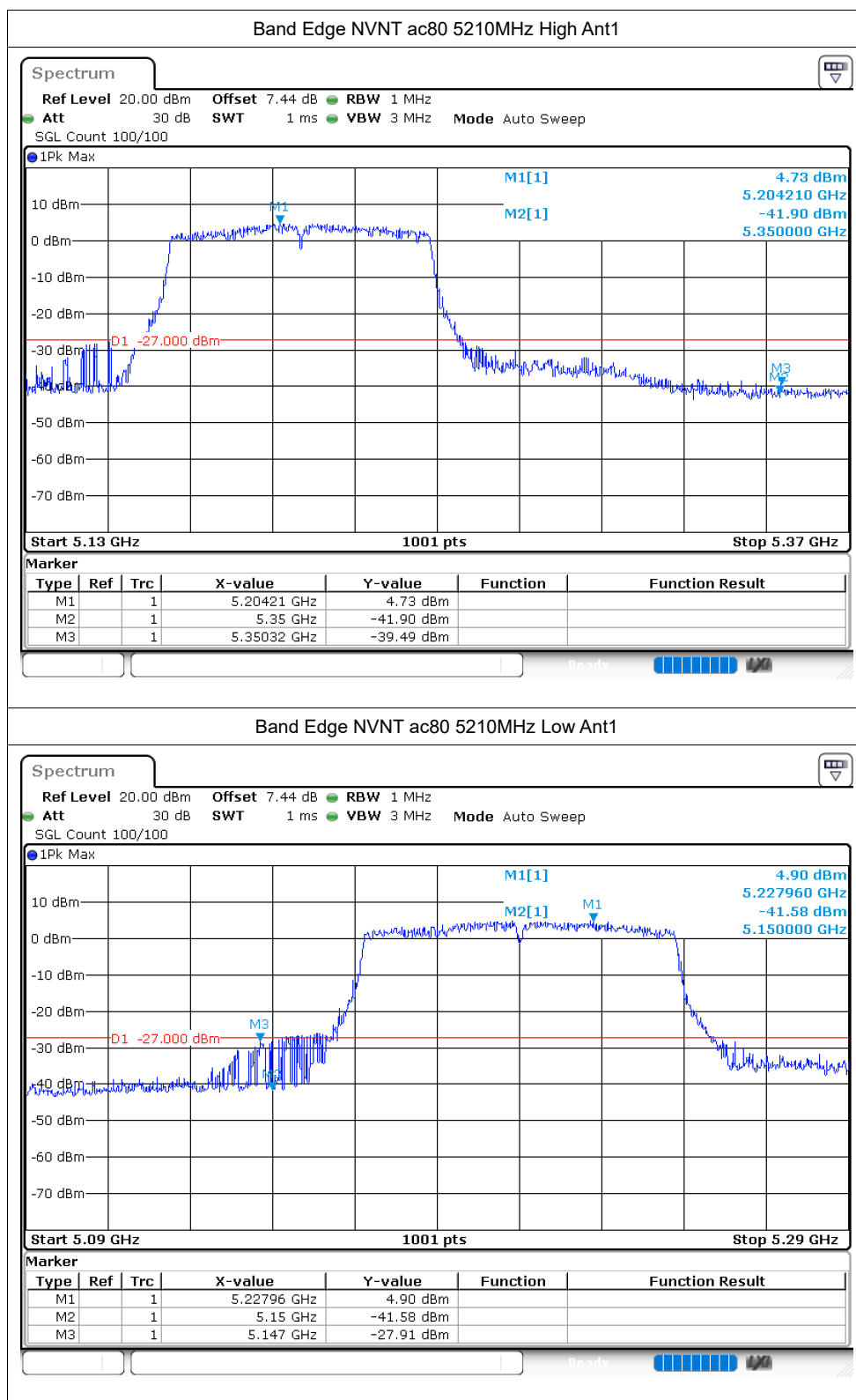


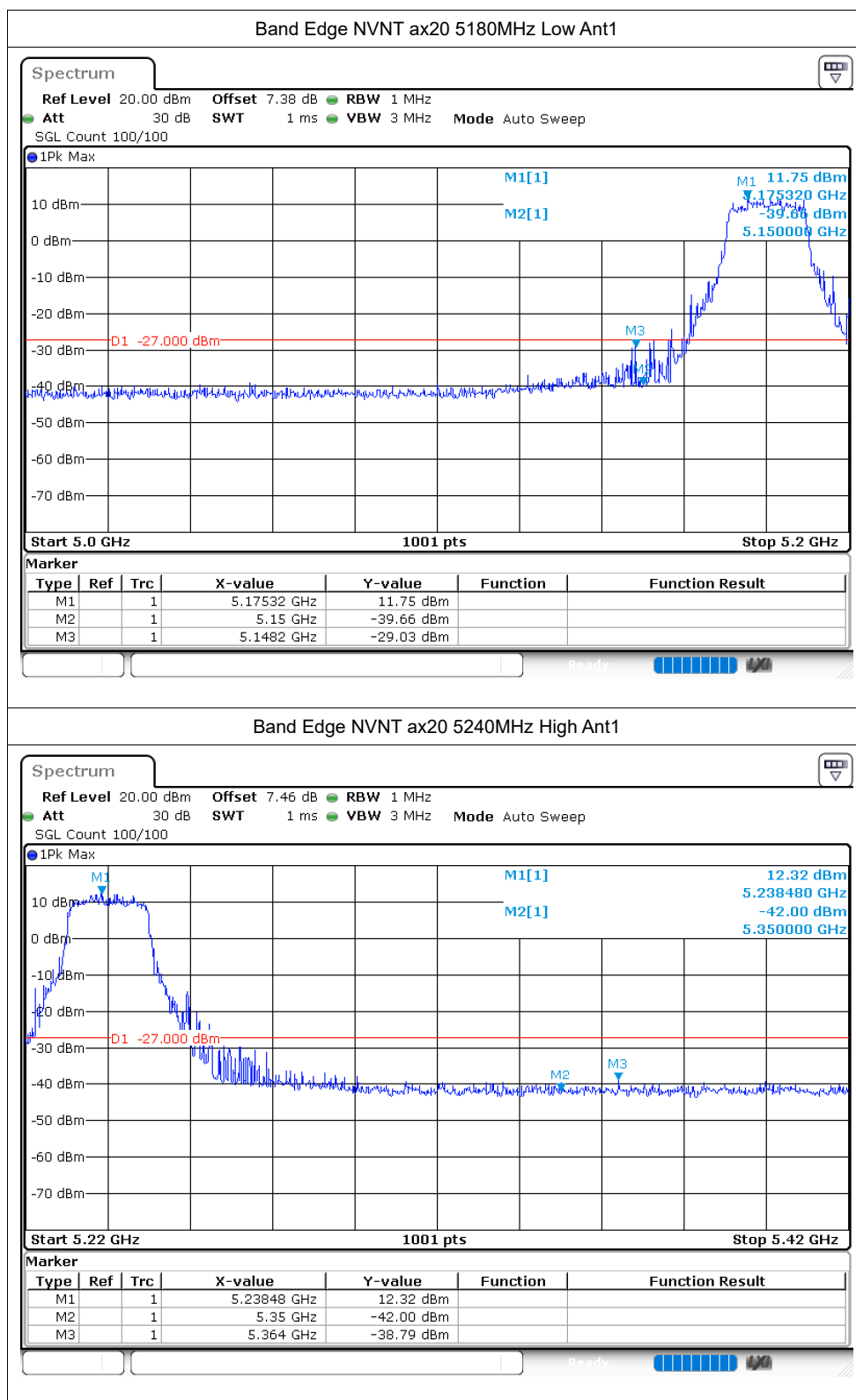
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.23286 GHz	8.88 dBm		
M2		1	5.35 GHz	-39.69 dBm		
M3		1	5.3686 GHz	-39.67 dBm		







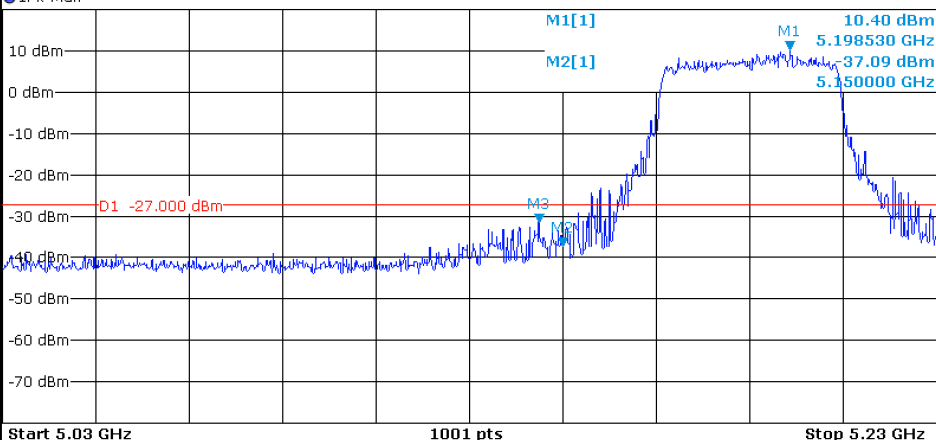


Band Edge NVNT ax40 5190MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 7.38 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

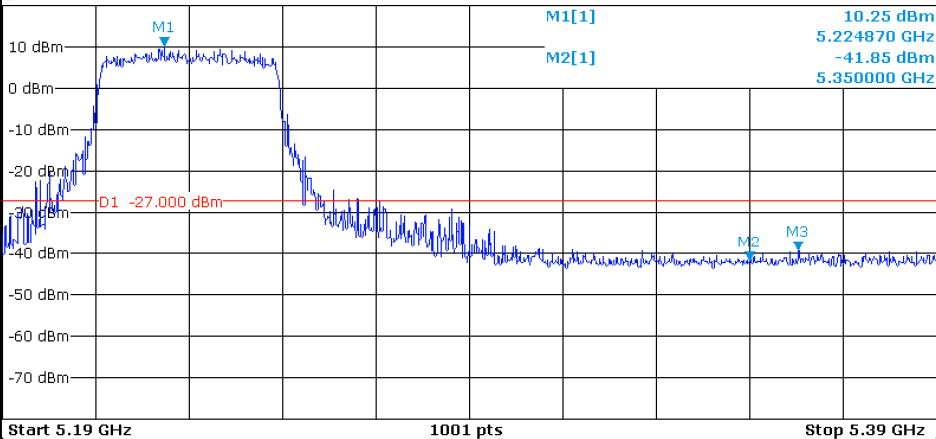
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.19853 GHz	10.40 dBm		
M2		1	5.15 GHz	-37.09 dBm		
M3		1	5.145 GHz	-31.33 dBm		

Band Edge NVNT ax40 5230MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 7.46 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

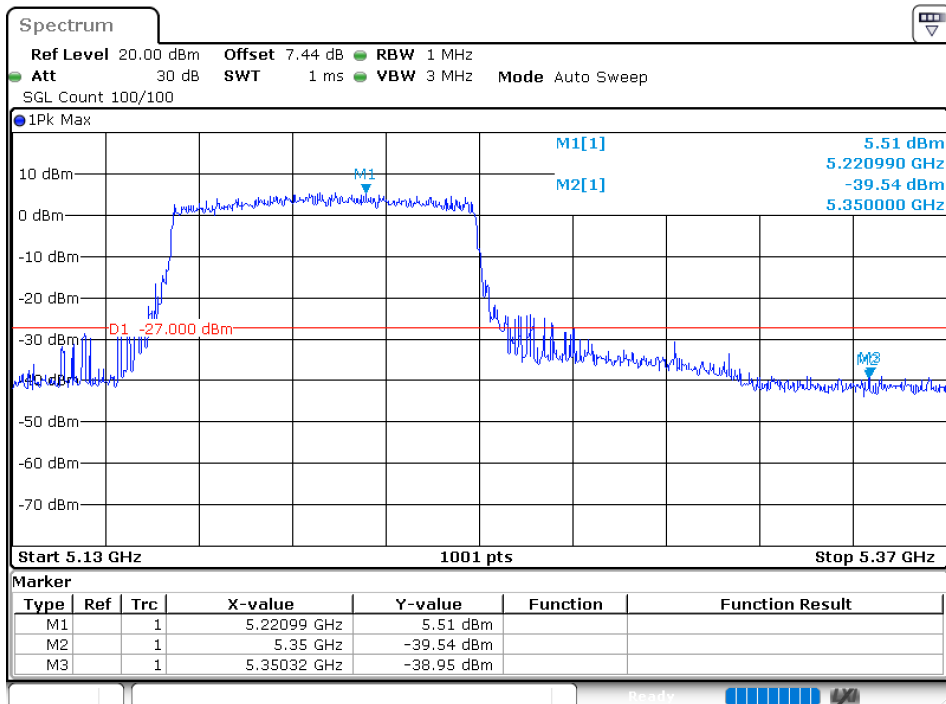
1Pk Max



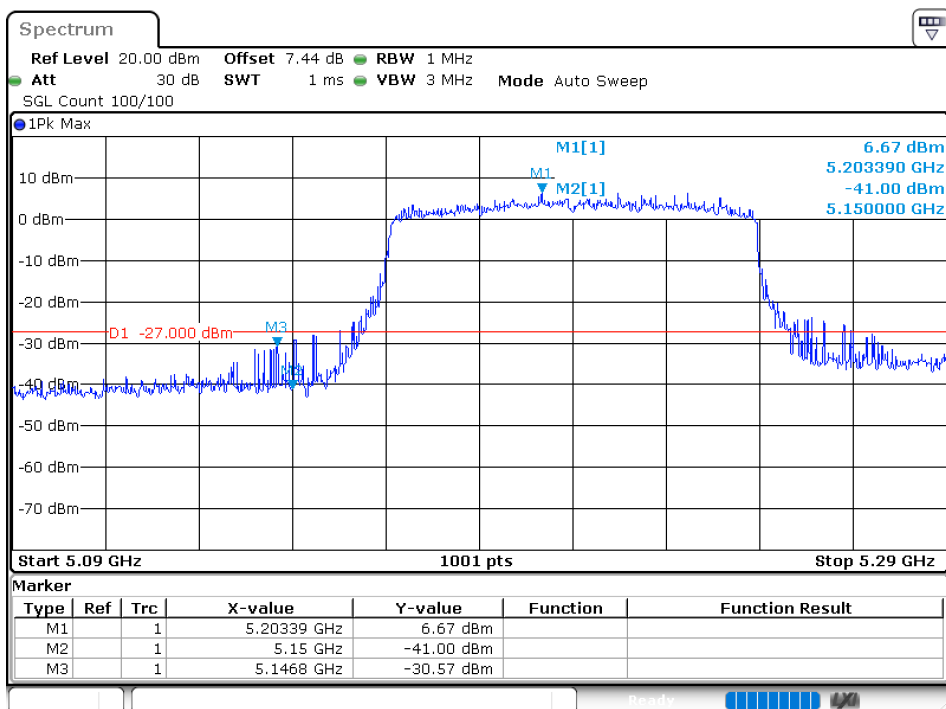
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.22487 GHz	10.25 dBm		
M2		1	5.35 GHz	-41.85 dBm		
M3		1	5.3604 GHz	-39.20 dBm		

Band Edge NVNT ax80 5210MHz High Ant1



Band Edge NVNT ax80 5210MHz Low Ant1

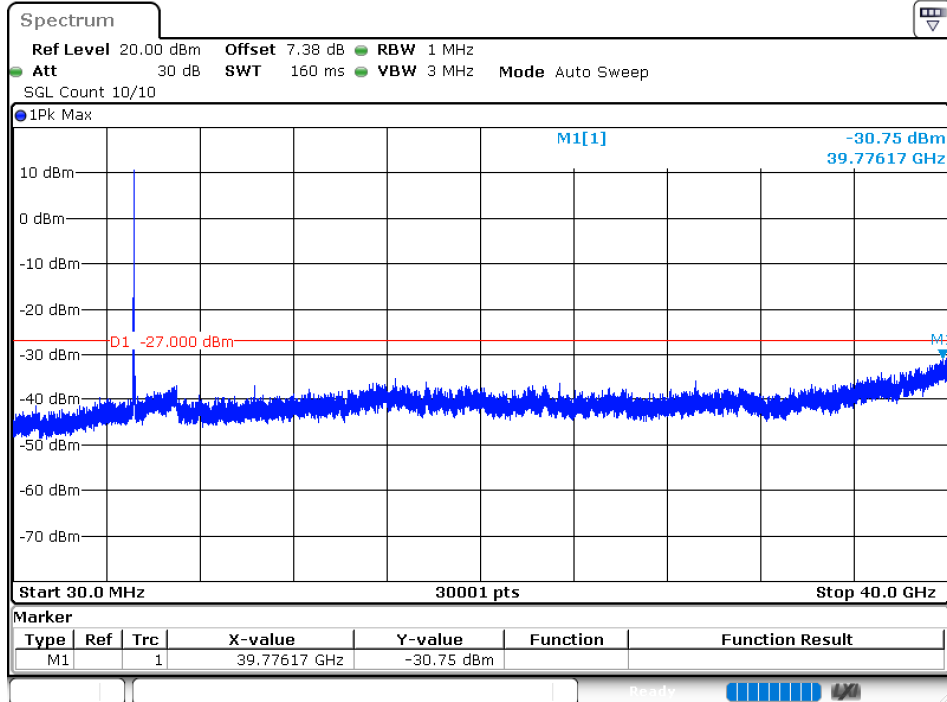


Conducted RF Spurious Emission

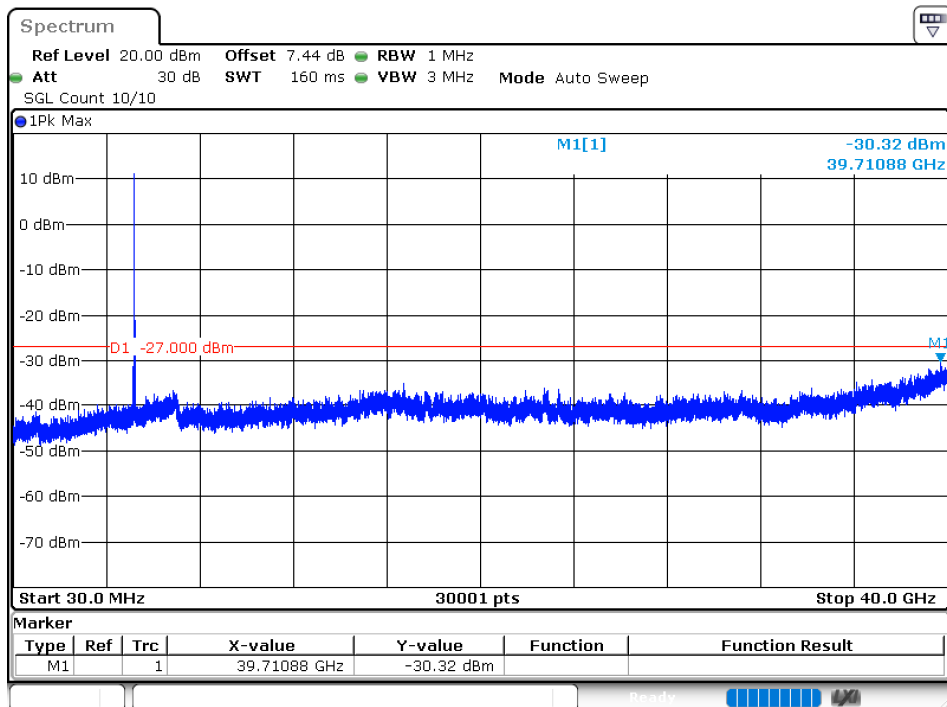
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-30.74	-27	Pass
NVNT	a	5200	Ant1	-30.31	-27	Pass
NVNT	a	5240	Ant1	-30.36	-27	Pass
NVNT	n20	5180	Ant1	-30.88	-27	Pass
NVNT	n20	5200	Ant1	-31.08	-27	Pass
NVNT	n20	5240	Ant1	-31.56	-27	Pass
NVNT	n40	5190	Ant1	-30.3	-27	Pass
NVNT	n40	5230	Ant1	-30.42	-27	Pass
NVNT	ac20	5180	Ant1	-30.55	-27	Pass
NVNT	ac20	5200	Ant1	-30.32	-27	Pass
NVNT	ac20	5240	Ant1	-31.01	-27	Pass
NVNT	ac40	5190	Ant1	-29.91	-27	Pass
NVNT	ac40	5230	Ant1	-30.27	-27	Pass
NVNT	ac80	5210	Ant1	-31.05	-27	Pass
NVNT	ax20	5180	Ant1	-31.13	-27	Pass
NVNT	ax20	5200	Ant1	-31.04	-27	Pass
NVNT	ax20	5240	Ant1	-31	-27	Pass
NVNT	ax40	5190	Ant1	-30.57	-27	Pass
NVNT	ax40	5230	Ant1	-31.19	-27	Pass
NVNT	ax80	5210	Ant1	-29.75	-27	Pass

Test Graphs

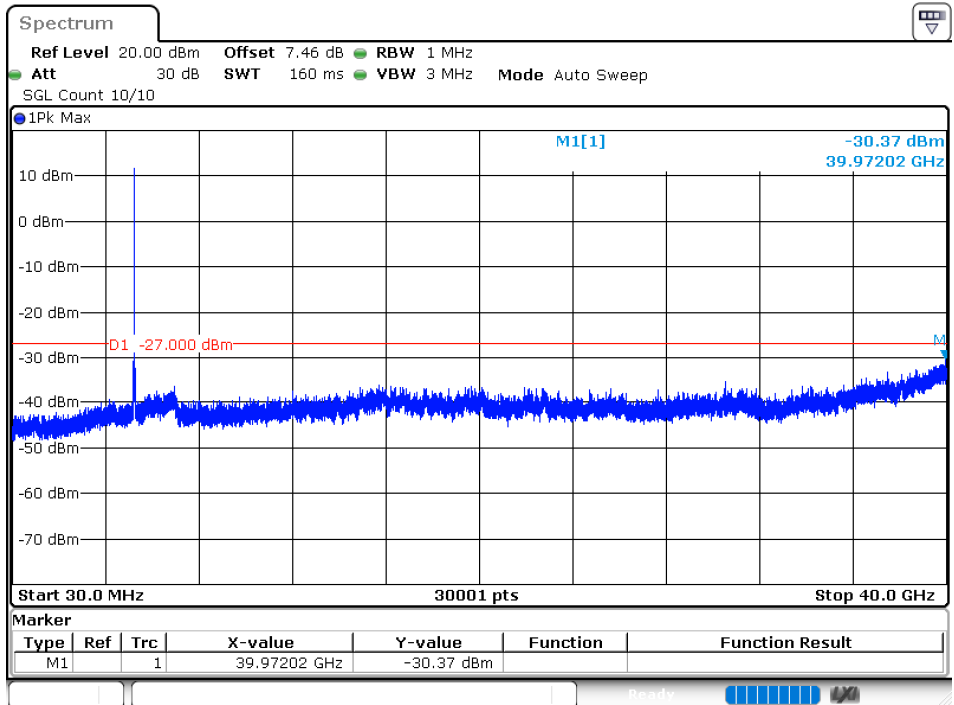
Tx. Spurious NVNT a 5180MHz Ant1 Emission



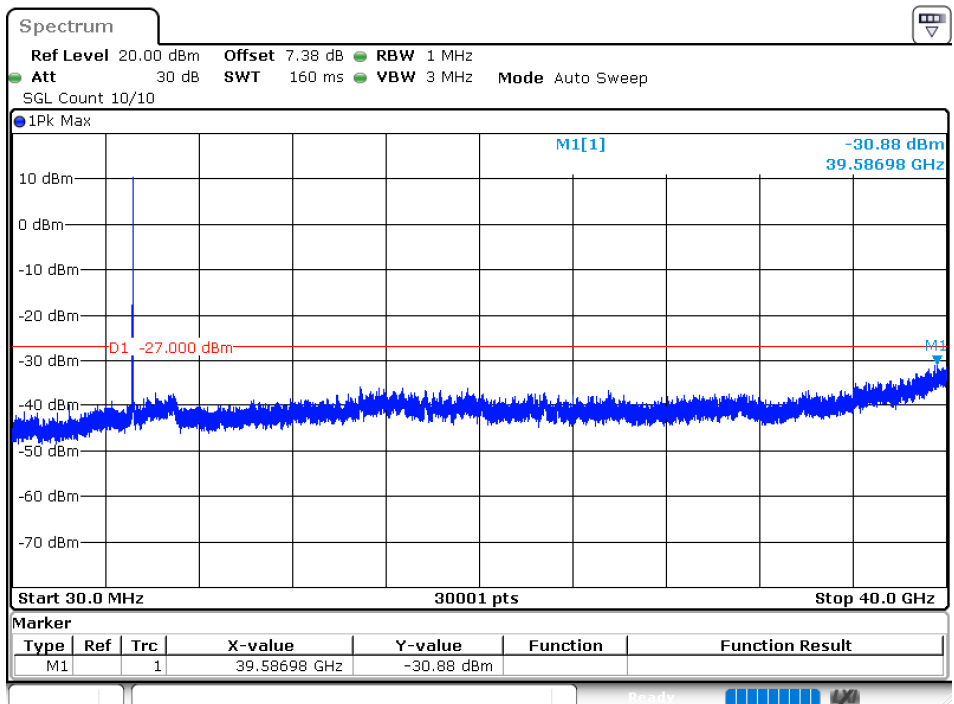
Tx. Spurious NVNT a 5200MHz Ant1 Emission

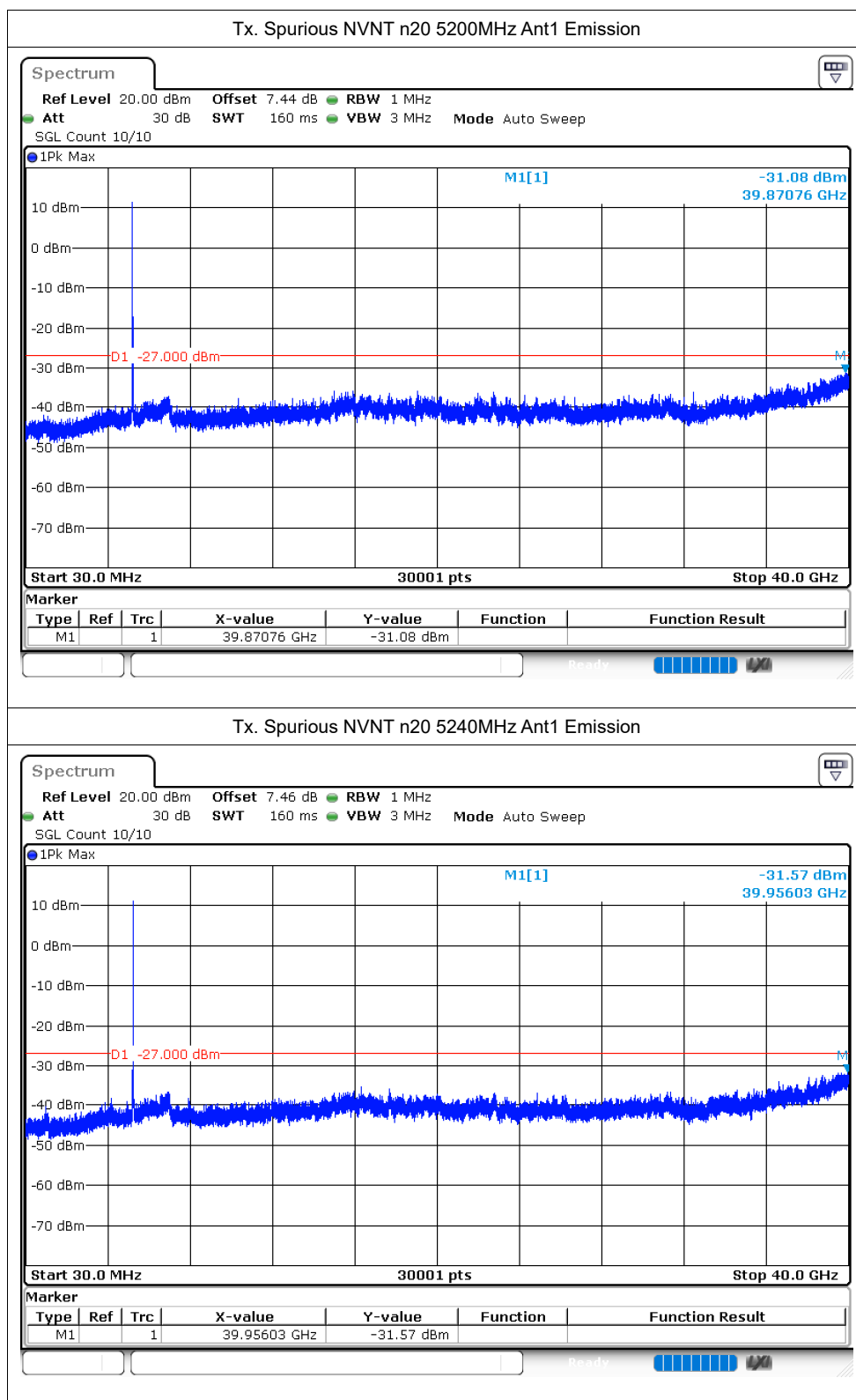


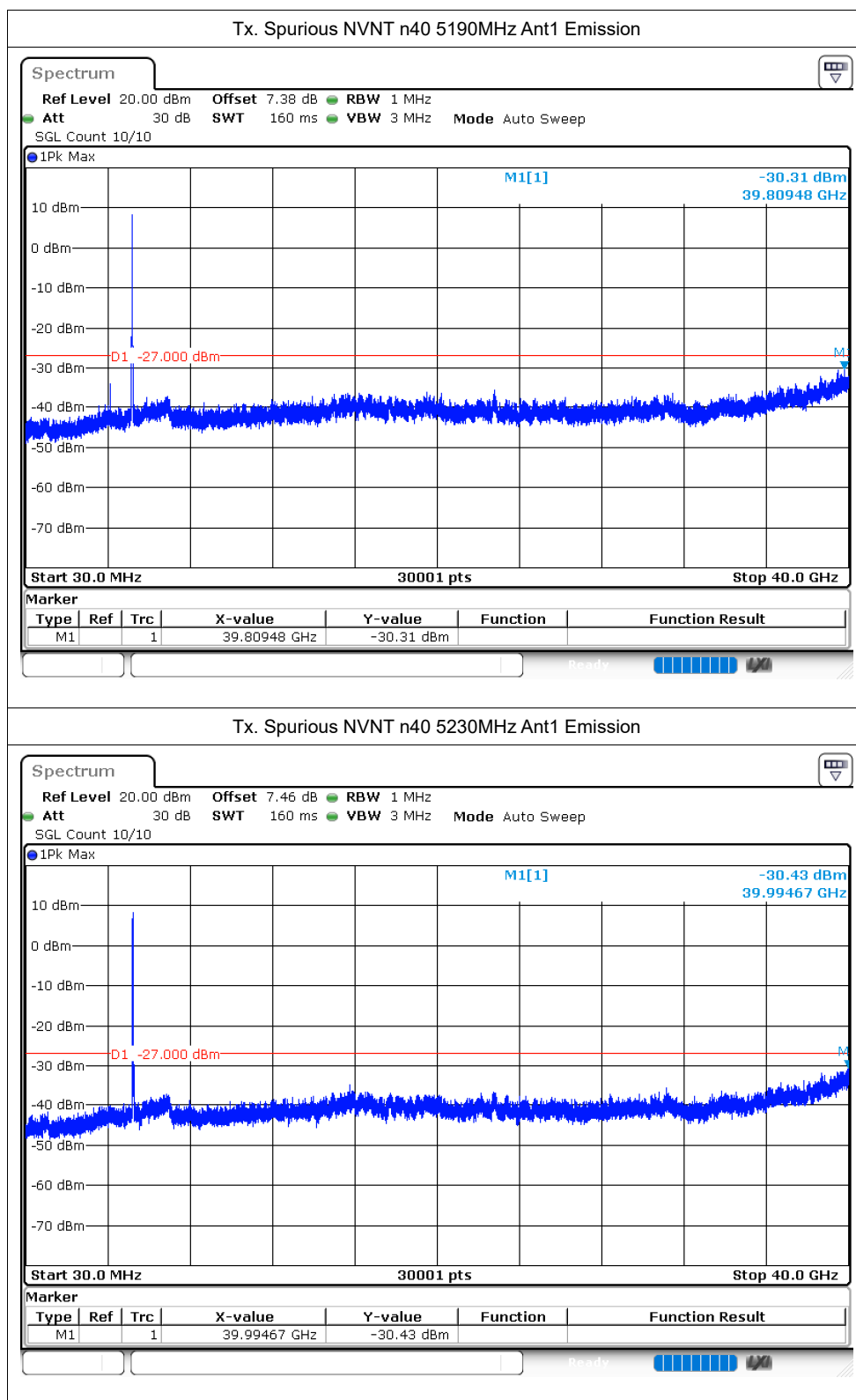
Tx. Spurious NVNT a 5240MHz Ant1 Emission

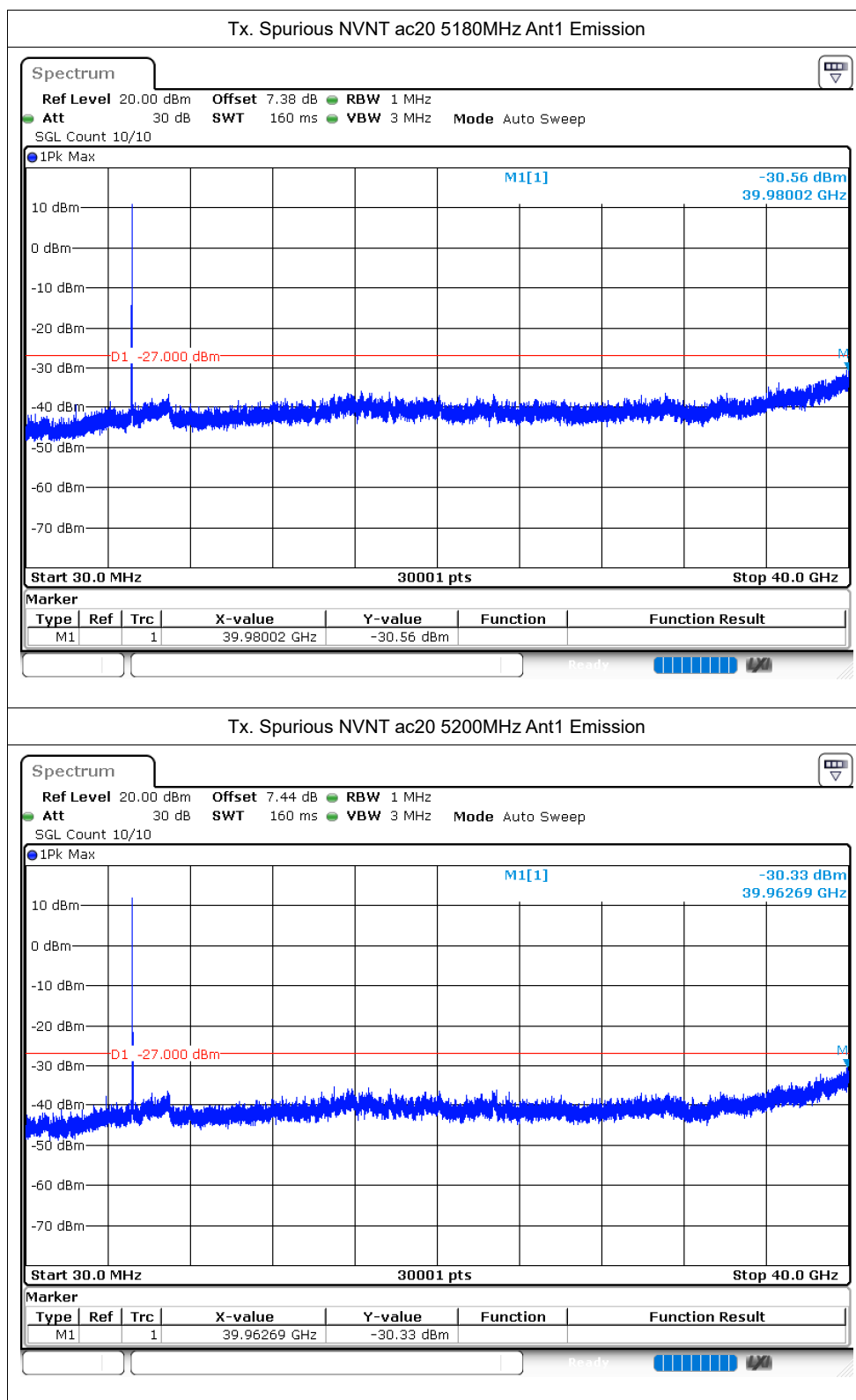


Tx. Spurious NVNT n20 5180MHz Ant1 Emission

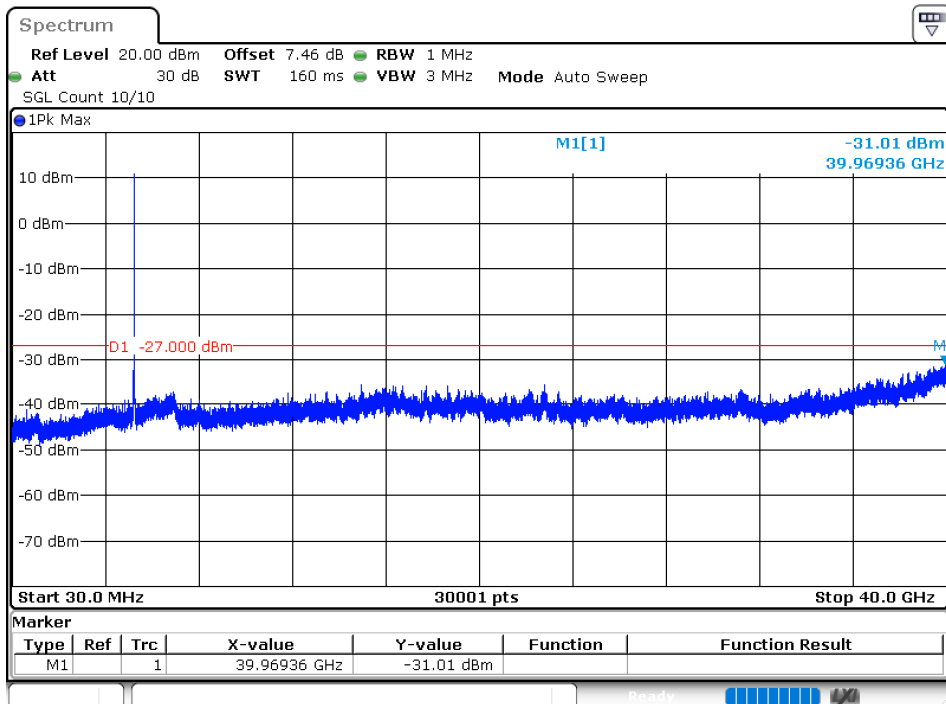




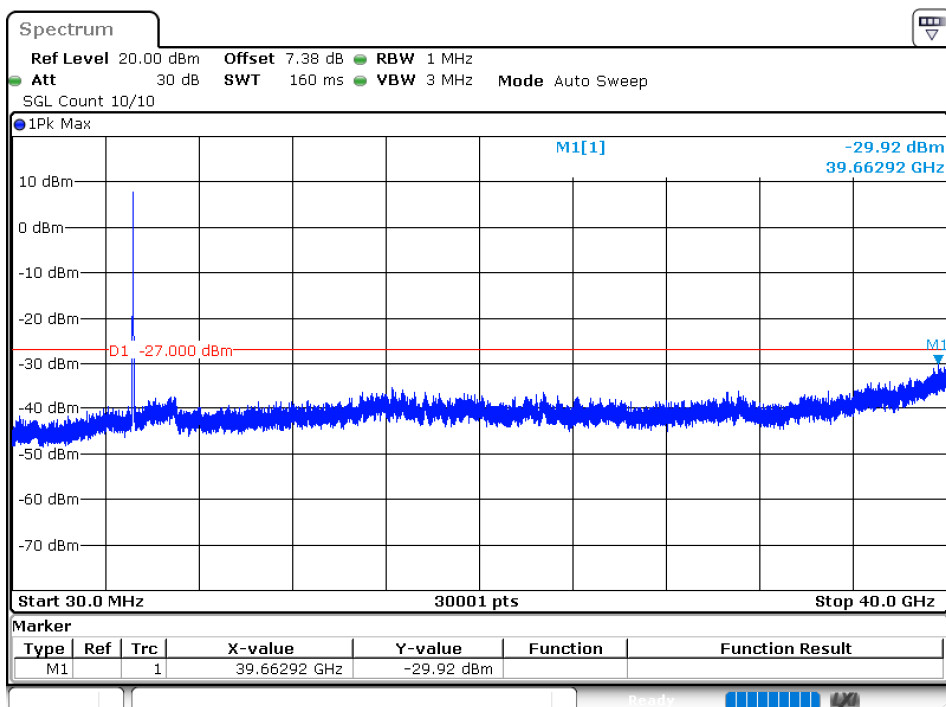


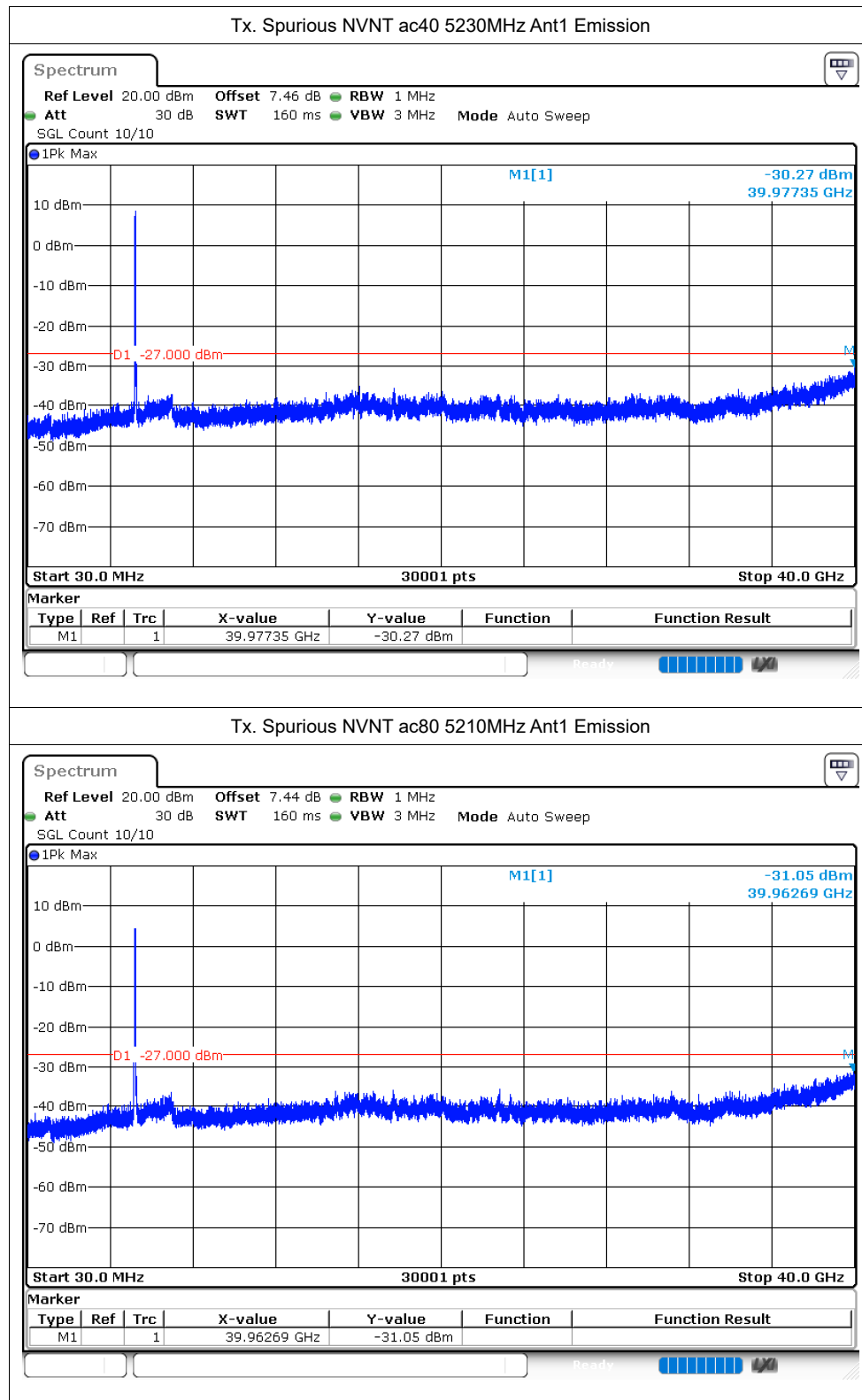


Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



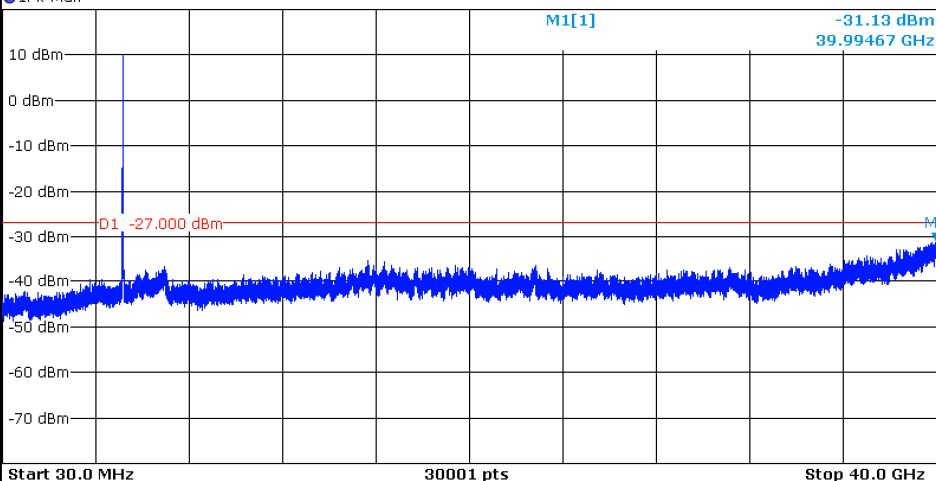


Tx. Spurious NVNT ax20 5180MHz Ant1 Emission

Spectrum

Ref Level 20.00 dBm Offset 7.38 dB RBW 1 MHz
Att 30 dB SWT 160 ms VBW 3 MHz Mode Auto Sweep
SGL Count 10/10

1Pk Max



Marker

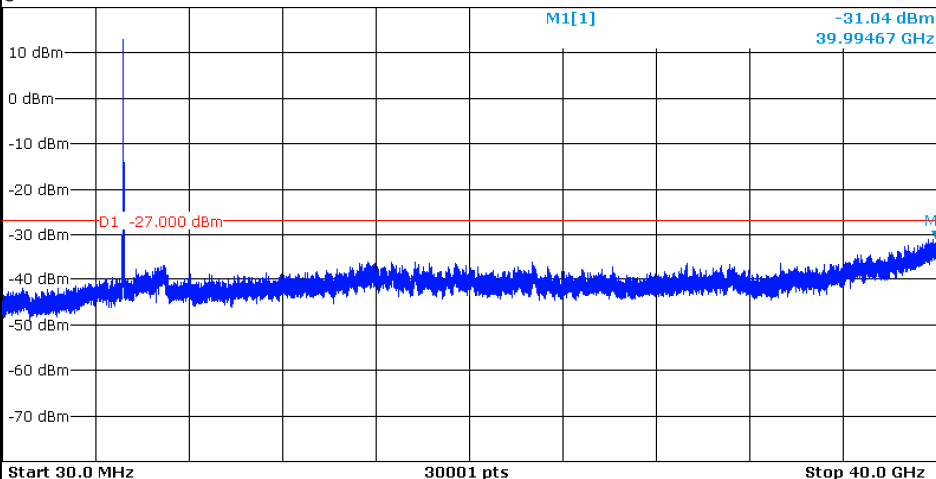
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	39.99467 GHz	-31.13 dBm		

Tx. Spurious NVNT ax20 5200MHz Ant1 Emission

Spectrum

Ref Level 20.00 dBm Offset 7.44 dB RBW 1 MHz
Att 30 dB SWT 160 ms VBW 3 MHz Mode Auto Sweep
SGL Count 10/10

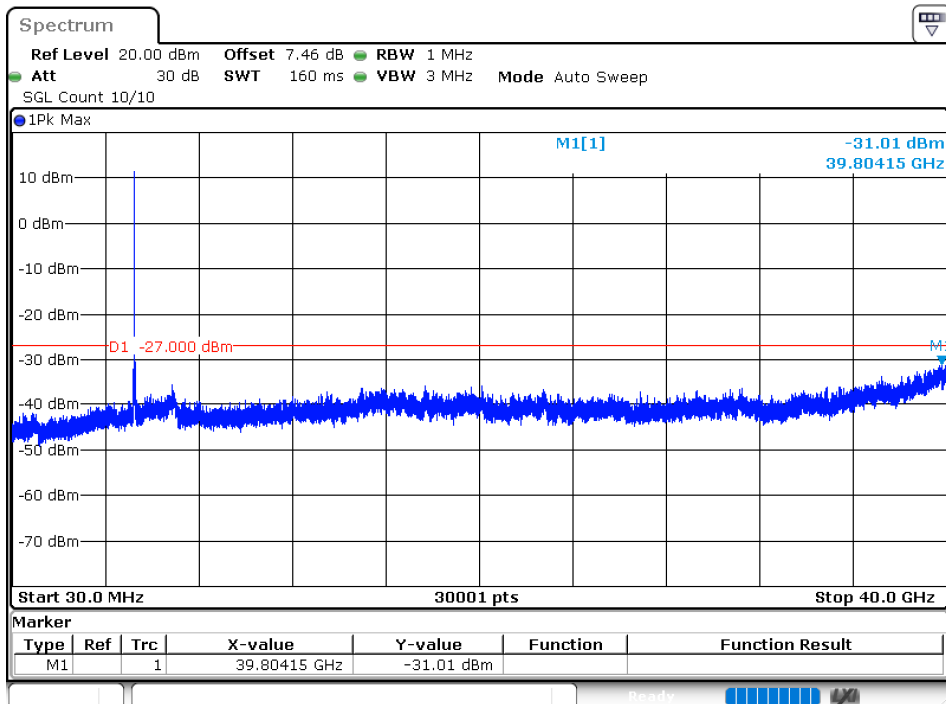
1Pk Max



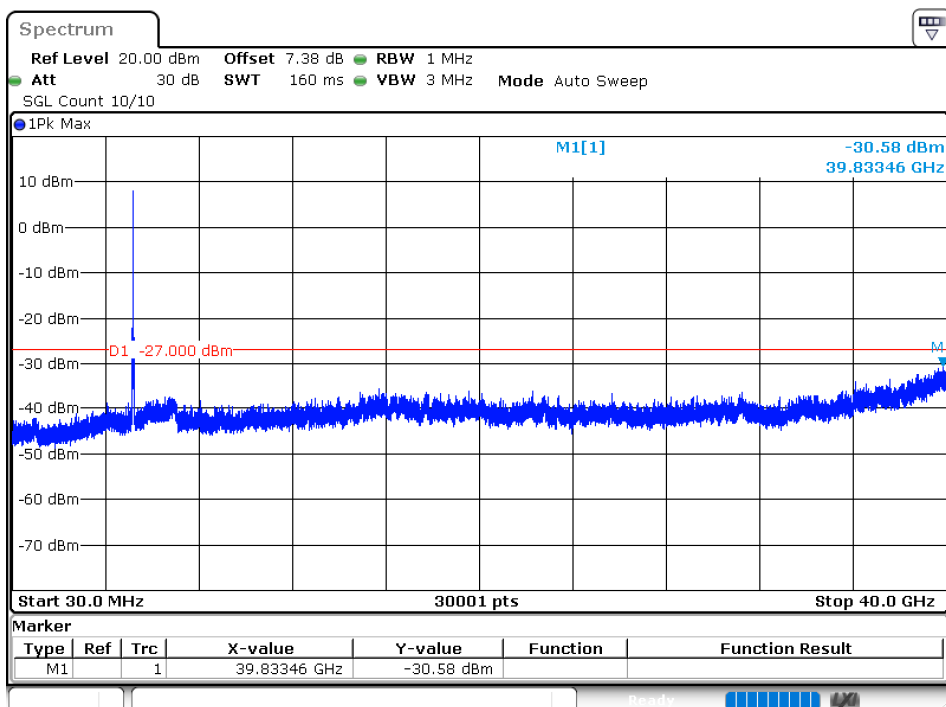
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	39.99467 GHz	-31.04 dBm		

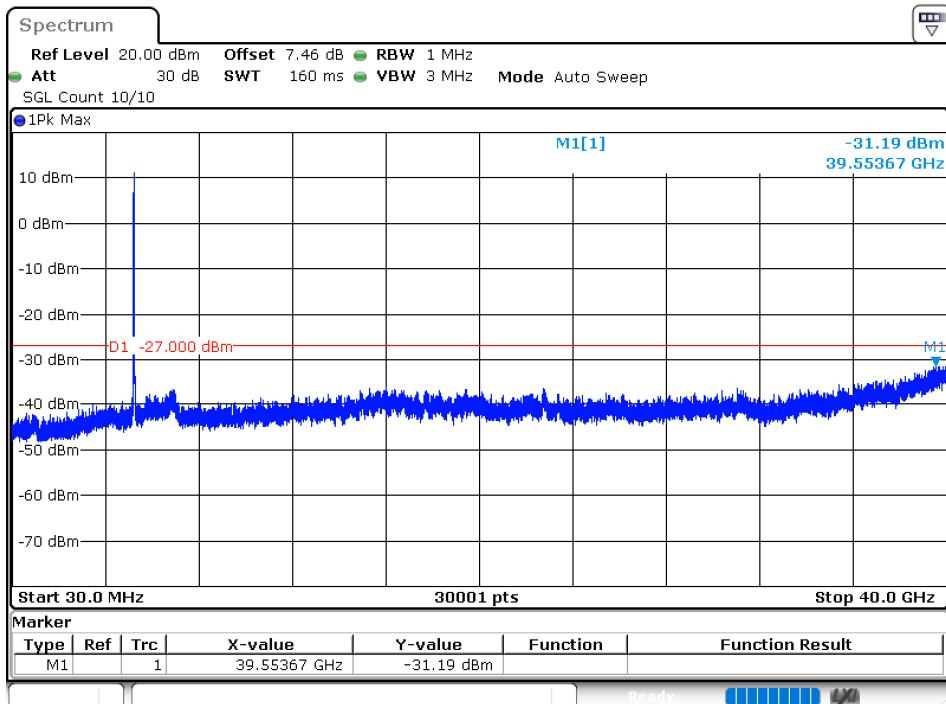
Tx. Spurious NVNT ax20 5240MHz Ant1 Emission



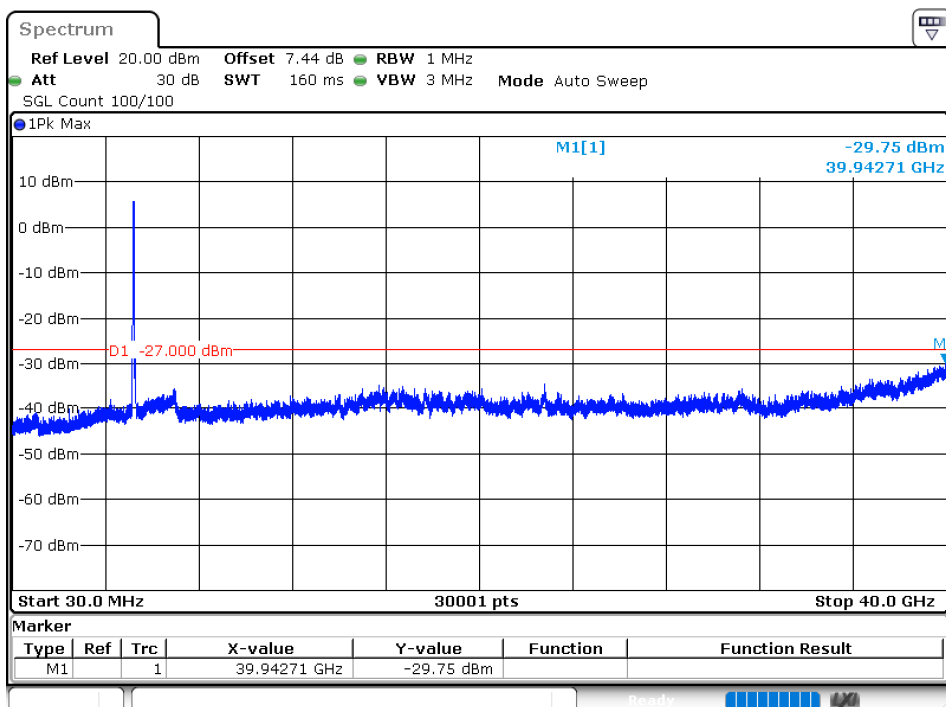
Tx. Spurious NVNT ax40 5190MHz Ant1 Emission



Tx. Spurious NVNT ax40 5230MHz Ant1 Emission



Tx. Spurious NVNT ax80 5210MHz Ant1 Emission



5.8G WIFI

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	92.56	0.34	0.49
NVNT	a	5785	Ant1	94.17	0.26	0.49
NVNT	a	5825	Ant1	98.4	0.07	100
NVNT	n20	5745	Ant1	81.54	0.89	0.53
NVNT	n20	5785	Ant1	91.68	0.38	0.53
NVNT	n20	5825	Ant1	94.2	0.26	0.53
NVNT	n40	5755	Ant1	88.44	0.53	1.08
NVNT	n40	5795	Ant1	90.29	0.44	50
NVNT	ac20	5745	Ant1	93.86	0.28	0.53
NVNT	ac20	5785	Ant1	94.04	0.27	0.53
NVNT	ac20	5825	Ant1	92.04	0.36	0.53
NVNT	ac40	5755	Ant1	88.62	0.52	1.06
NVNT	ac40	5795	Ant1	88.43	0.53	1.08
NVNT	ac80	5775	Ant1	79.14	1.02	2.22
NVNT	ax20	5745	Ant1	89.44	0.48	0.68
NVNT	ax20	5785	Ant1	90.29	0.44	0.68
NVNT	ax20	5825	Ant1	92.1	0.36	0.68
NVNT	ax40	5755	Ant1	85.62	0.67	1.3
NVNT	ax40	5795	Ant1	86.46	0.63	1.32
NVNT	ax80	5775	Ant1	70.79	1.5	2.5

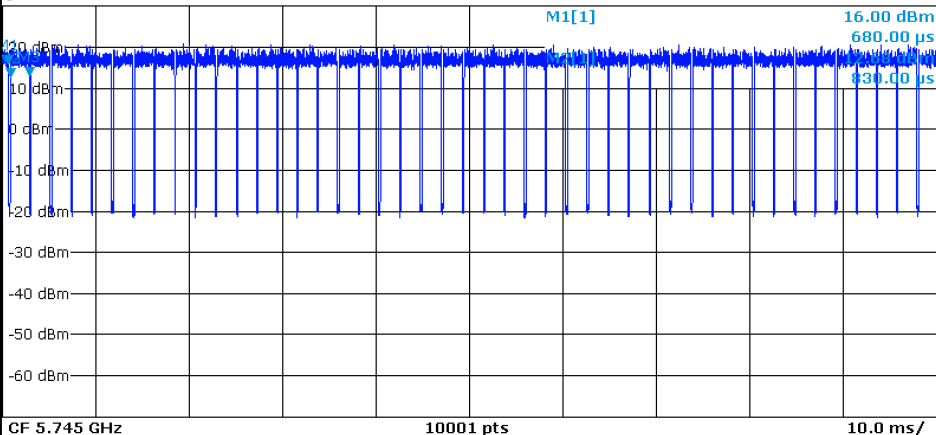
Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

Spectrum

Ref Level 30.00 dBm Offset 4.25 dB RBW 10 MHz
Att 45 dB SWT 100 ms VBW 10 MHz
SGL

1Pk Clrw



Marker

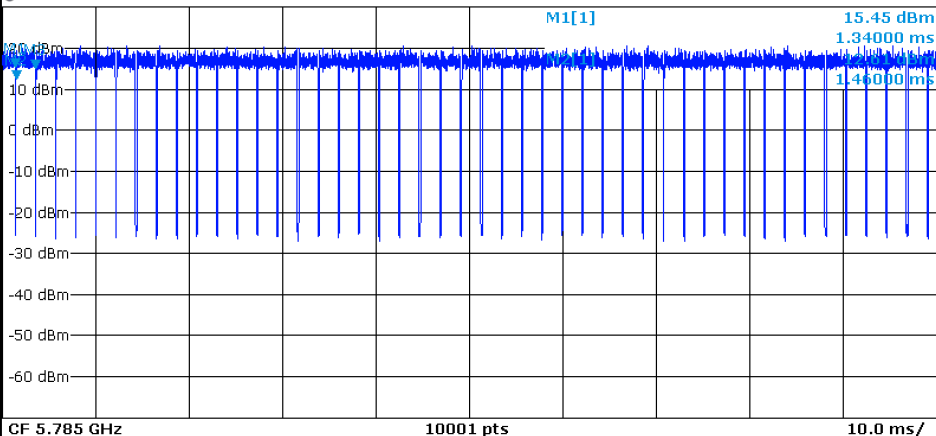
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		680.0 μ s	16.00 dBm		
M2	1		830.0 μ s	12.68 dBm		
M3	1		2.87 ms	13.14 dBm		

Duty Cycle NVNT a 5785MHz Ant1

Spectrum

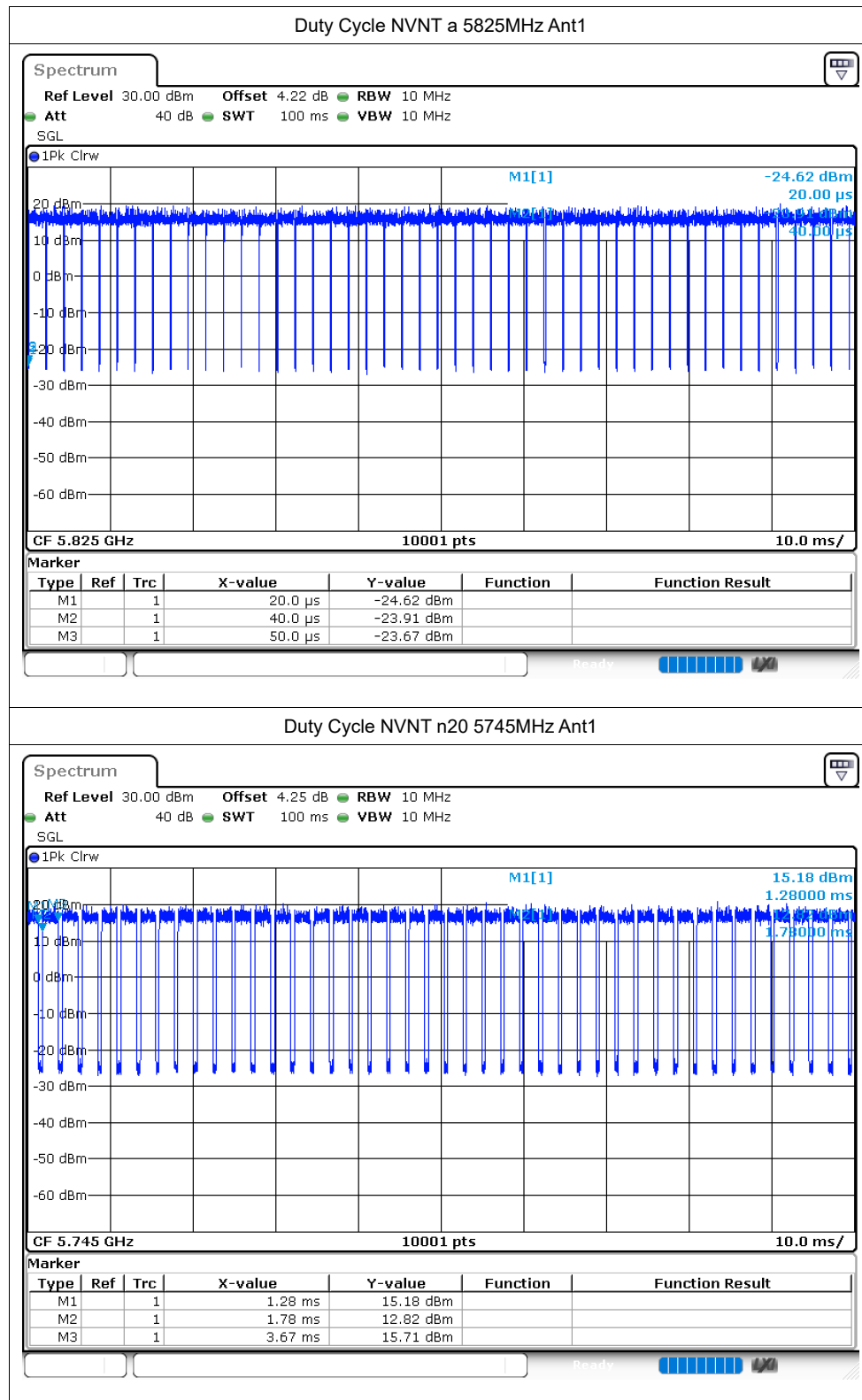
Ref Level 30.00 dBm Offset 4.24 dB RBW 10 MHz
Att 40 dB SWT 100 ms VBW 10 MHz
SGL

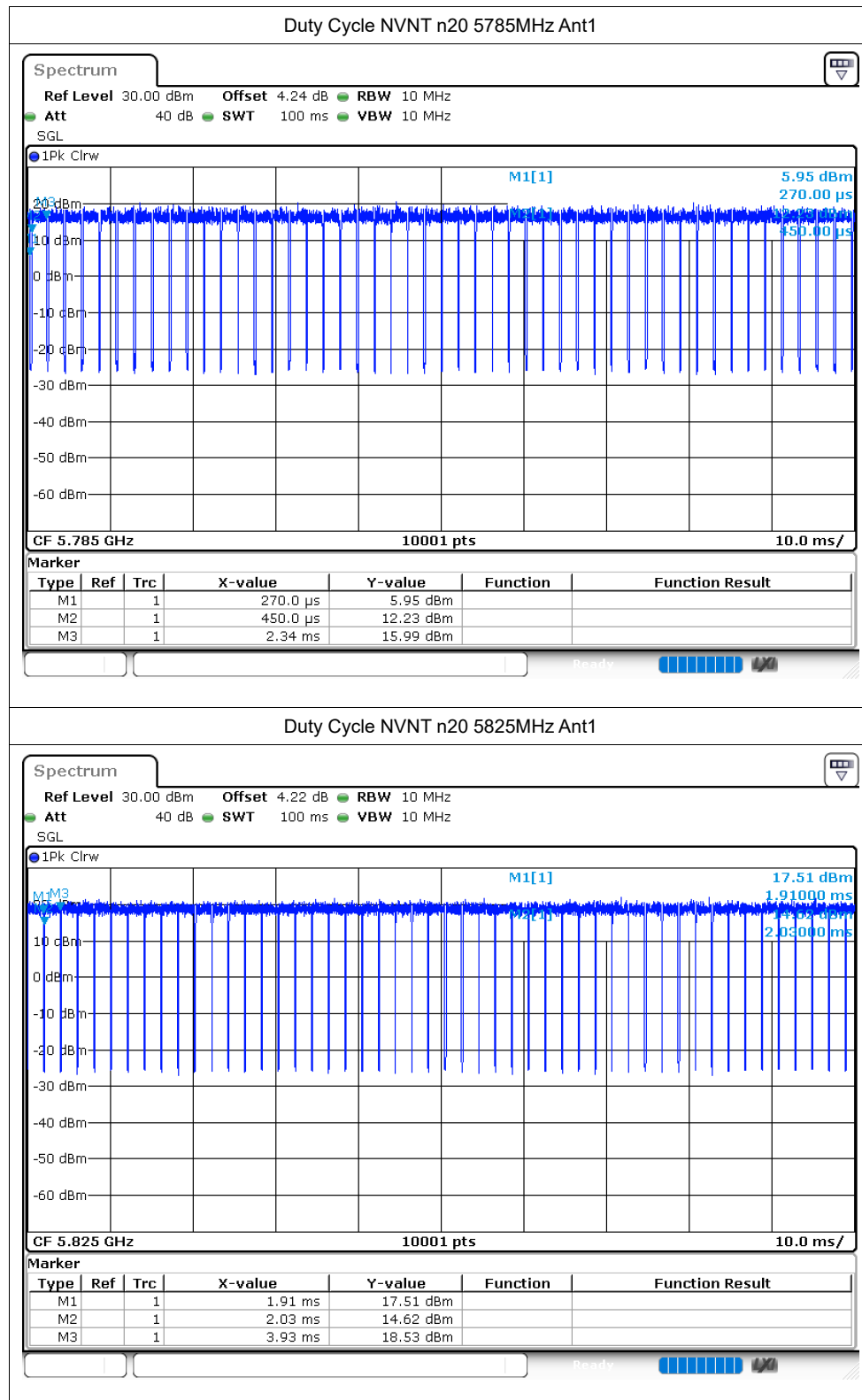
1Pk Clrw

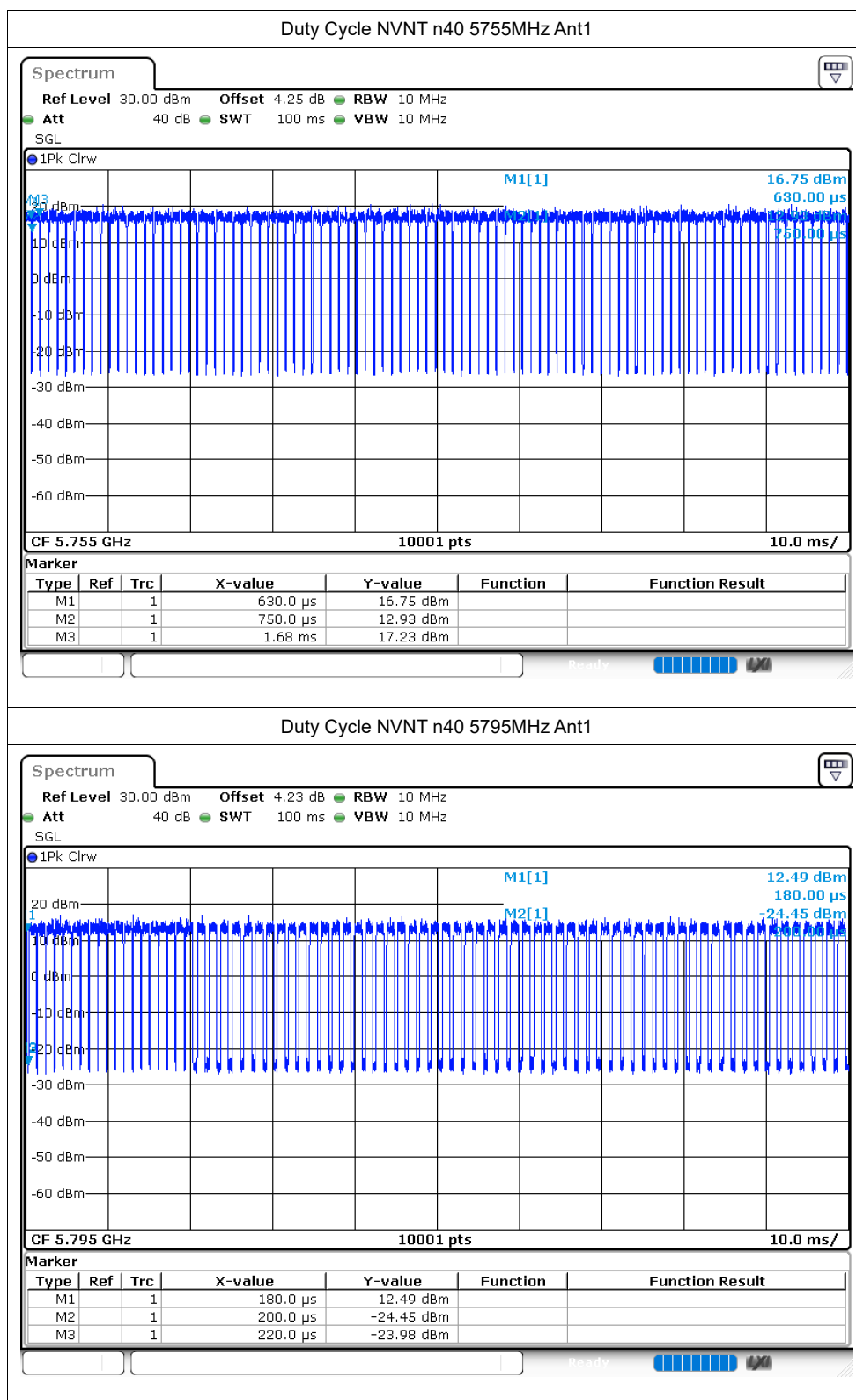


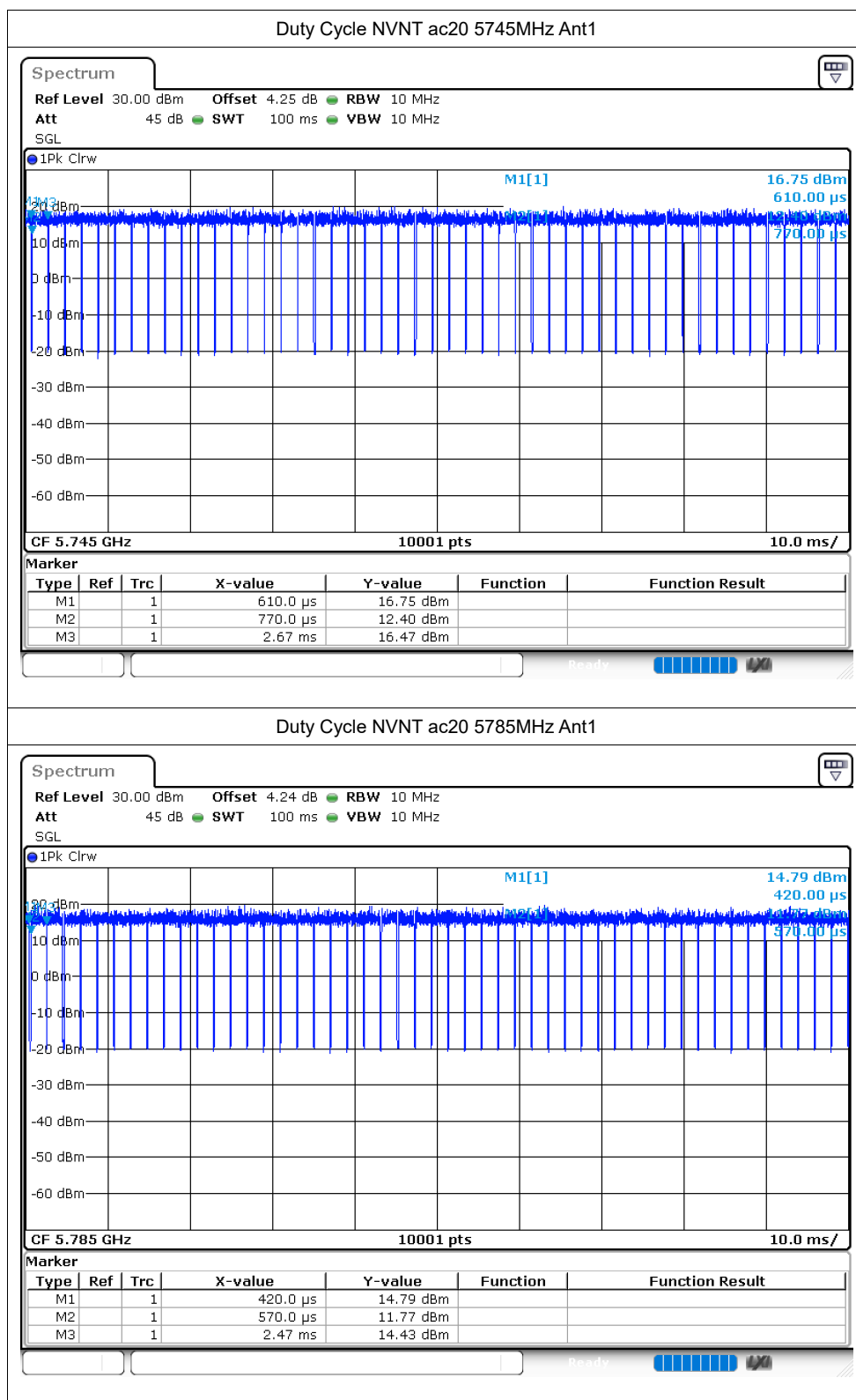
Marker

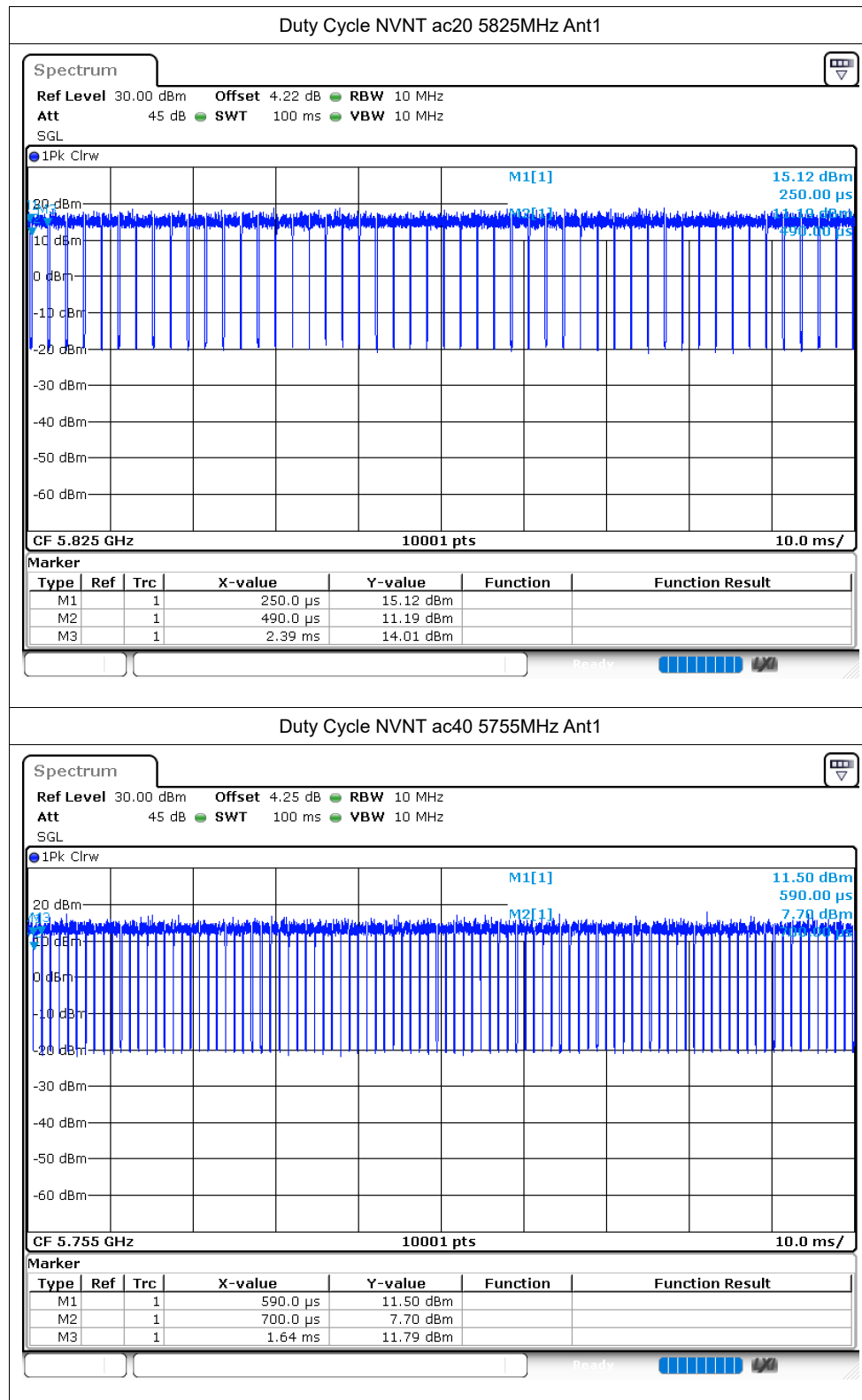
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.34 ms	15.45 dBm		
M2	1		1.46 ms	12.61 dBm		
M3	1		3.49 ms	14.94 dBm		

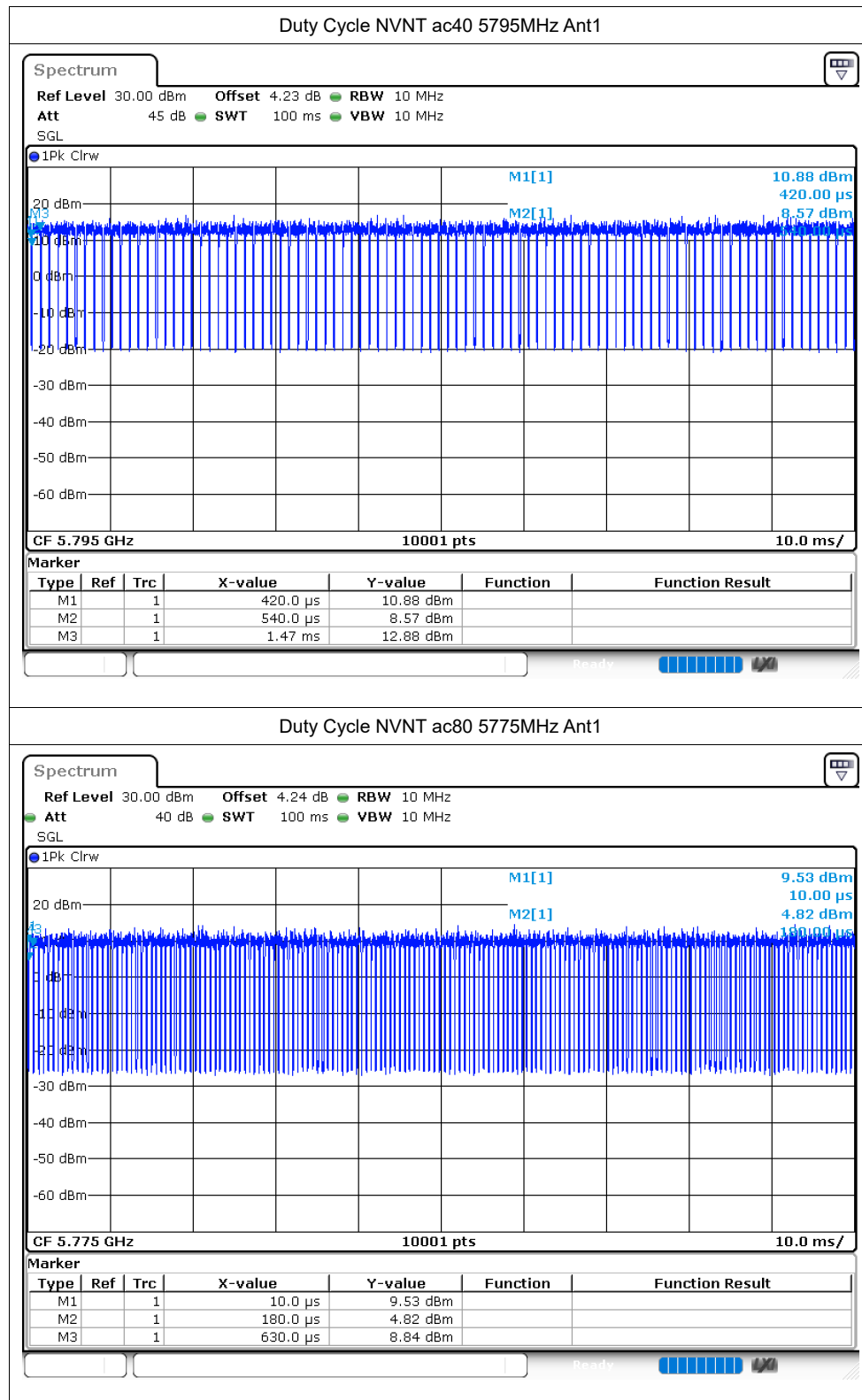


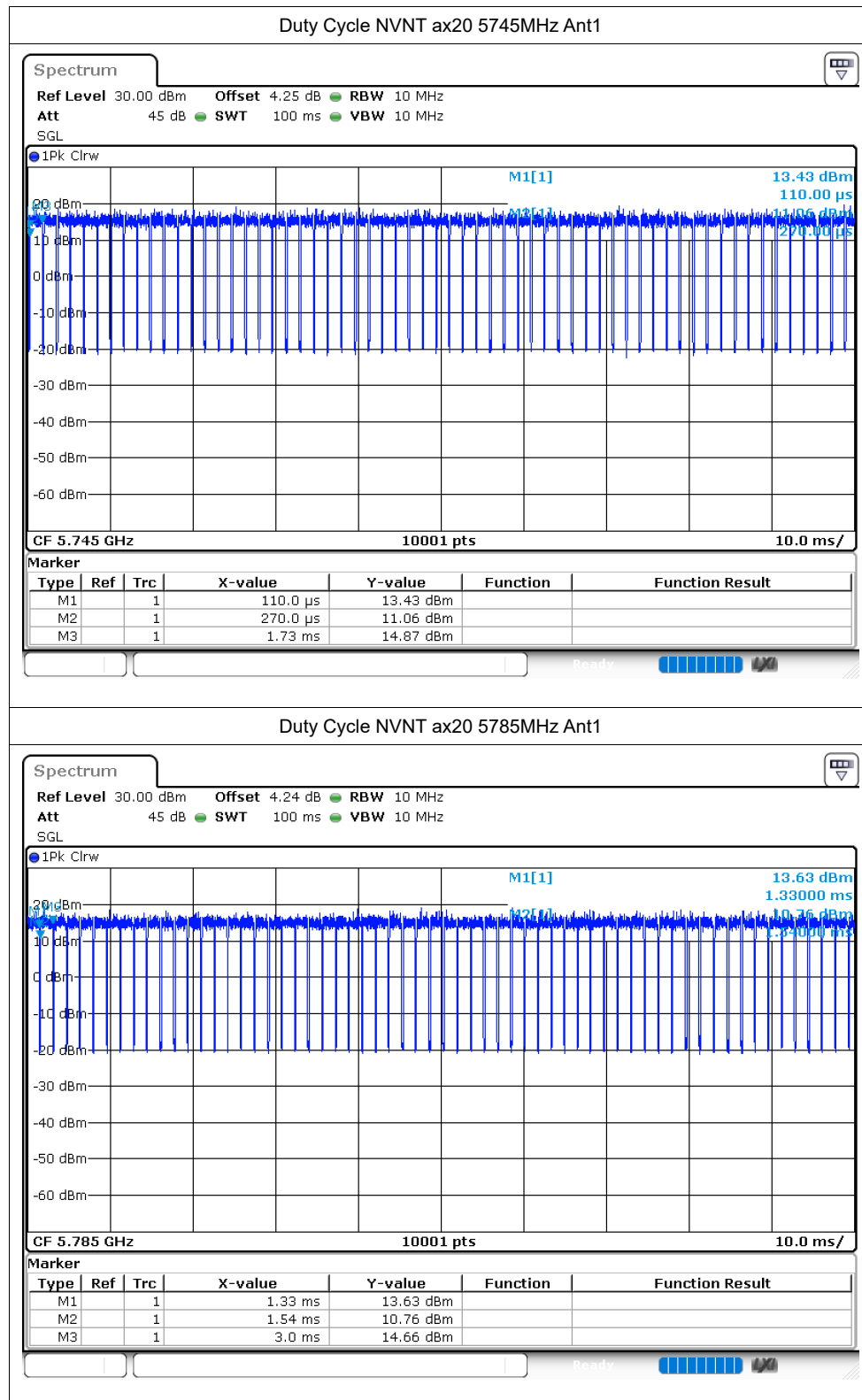


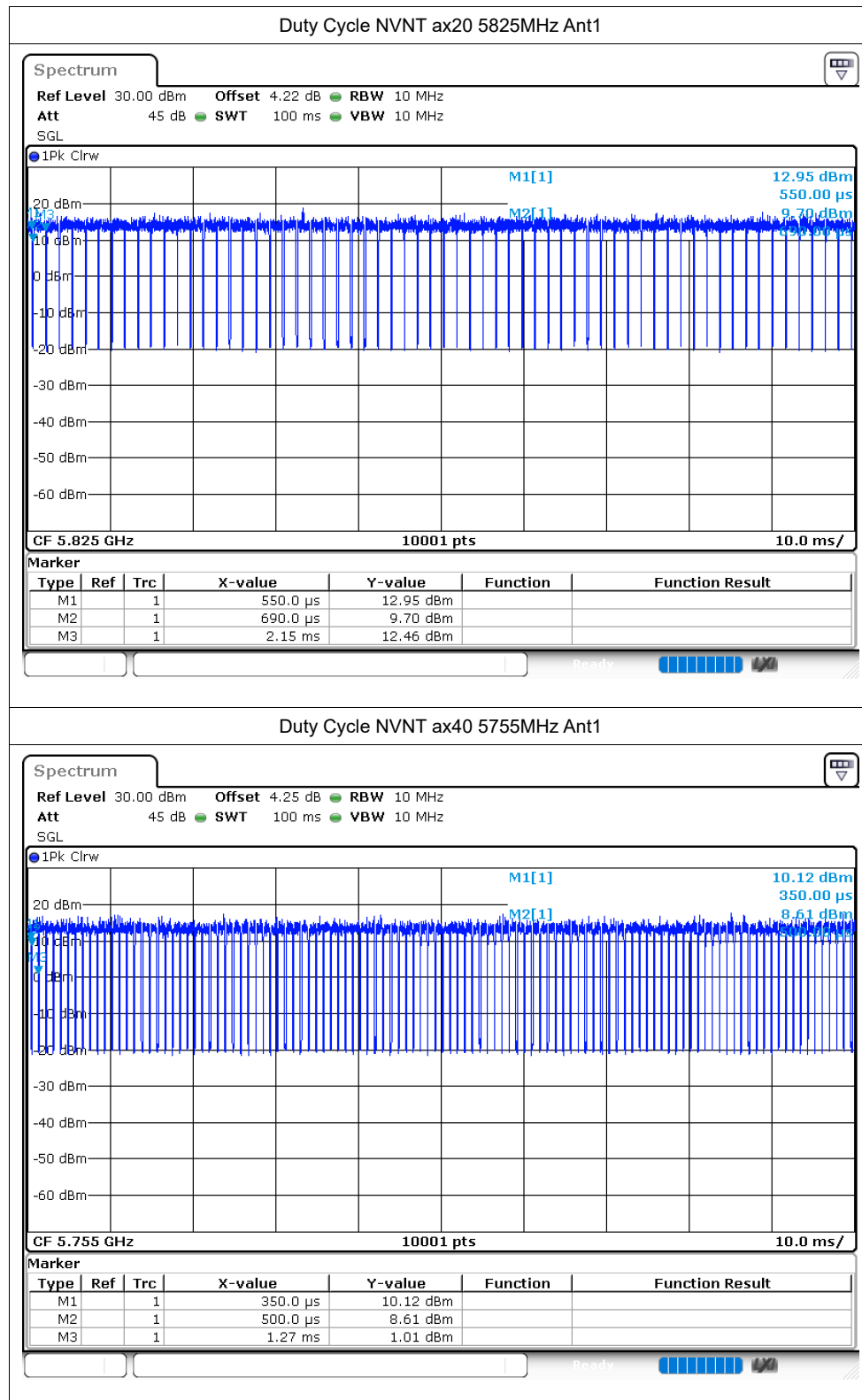


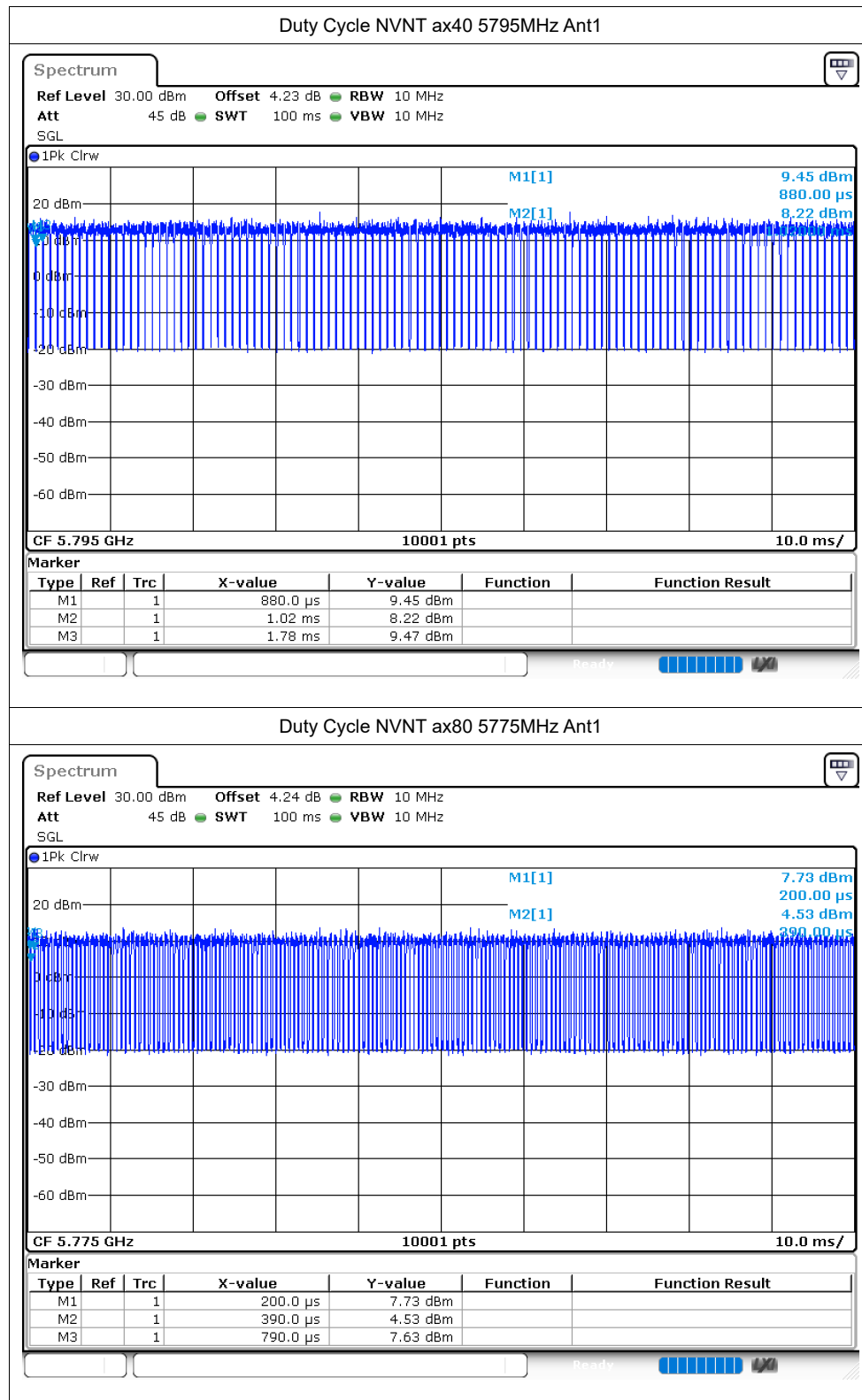












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	13.09	30	Pass
NVNT	a	5785	Ant1	12.43	30	Pass
NVNT	a	5825	Ant1	11.74	30	Pass
NVNT	n20	5745	Ant1	12.82	30	Pass
NVNT	n20	5785	Ant1	12.43	30	Pass
NVNT	n20	5825	Ant1	11.68	30	Pass
NVNT	n40	5755	Ant1	12.68	30	Pass
NVNT	n40	5795	Ant1	12.28	30	Pass
NVNT	ac20	5745	Ant1	13.01	30	Pass
NVNT	ac20	5785	Ant1	12.34	30	Pass
NVNT	ac20	5825	Ant1	11.52	30	Pass
NVNT	ac40	5755	Ant1	12.6	30	Pass
NVNT	ac40	5795	Ant1	12.12	30	Pass
NVNT	ac80	5775	Ant1	12.51	30	Pass
NVNT	ax20	5745	Ant1	12.37	30	Pass
NVNT	ax20	5785	Ant1	11.68	30	Pass
NVNT	ax20	5825	Ant1	10.94	30	Pass
NVNT	ax40	5755	Ant1	12.7	30	Pass
NVNT	ax40	5795	Ant1	12.16	30	Pass
NVNT	ax80	5775	Ant1	12.5	30	Pass

Note: The average power value already includes the duty cycle factor

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.353	0.5	Pass
NVNT	a	5785	Ant1	16.554	0.5	Pass
NVNT	a	5825	Ant1	16.551	0.5	Pass
NVNT	n20	5745	Ant1	17.814	0.5	Pass
NVNT	n20	5785	Ant1	17.748	0.5	Pass
NVNT	n20	5825	Ant1	17.652	0.5	Pass
NVNT	n40	5755	Ant1	36.348	0.5	Pass
NVNT	n40	5795	Ant1	36.318	0.5	Pass
NVNT	ac20	5745	Ant1	17.574	0.5	Pass
NVNT	ac20	5785	Ant1	17.805	0.5	Pass
NVNT	ac20	5825	Ant1	17.688	0.5	Pass
NVNT	ac40	5755	Ant1	36.324	0.5	Pass
NVNT	ac40	5795	Ant1	36.312	0.5	Pass
NVNT	ac80	5775	Ant1	76.284	0.5	Pass
NVNT	ax20	5745	Ant1	19.185	0.5	Pass
NVNT	ax20	5785	Ant1	18.924	0.5	Pass
NVNT	ax20	5825	Ant1	18.93	0.5	Pass
NVNT	ax40	5755	Ant1	38.214	0.5	Pass
NVNT	ax40	5795	Ant1	37.818	0.5	Pass
NVNT	ax80	5775	Ant1	77.484	0.5	Pass

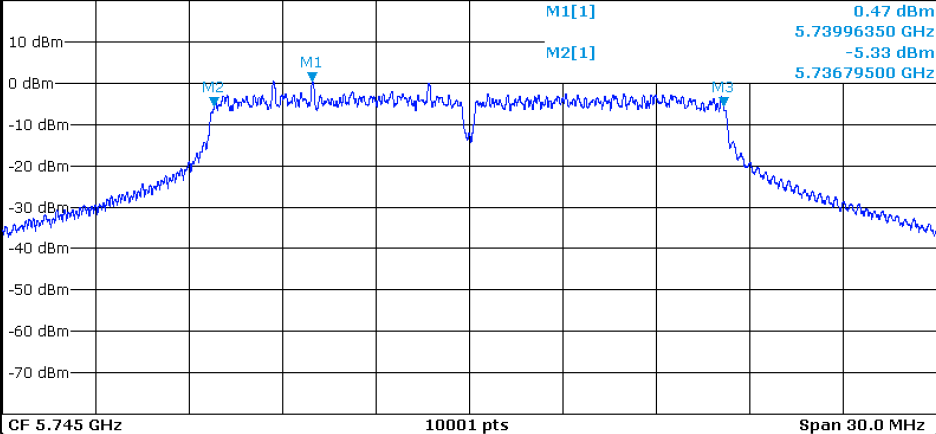
Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.25 dB RBW 100 kHz
Att 30 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

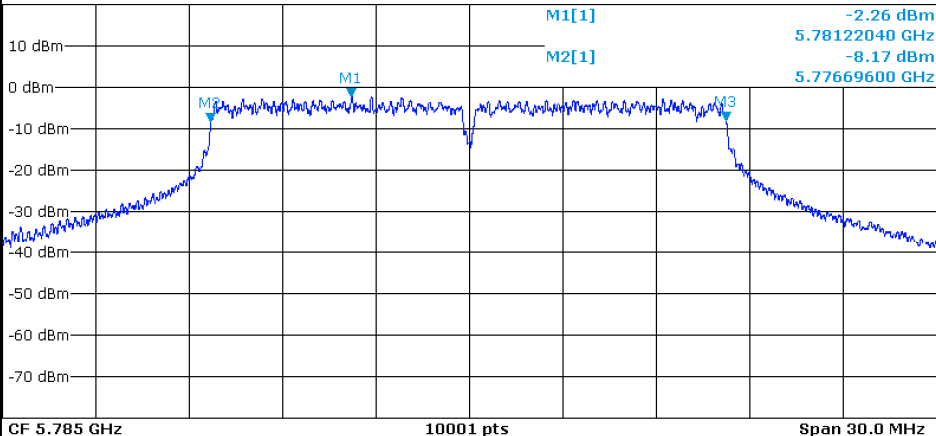
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.7399635 GHz	0.47 dBm		
M2	1		5.736795 GHz	-5.33 dBm		
M3	1		5.753148 GHz	-5.45 dBm		

-6dB Bandwidth NVNT a 5785MHz Ant1

Spectrum

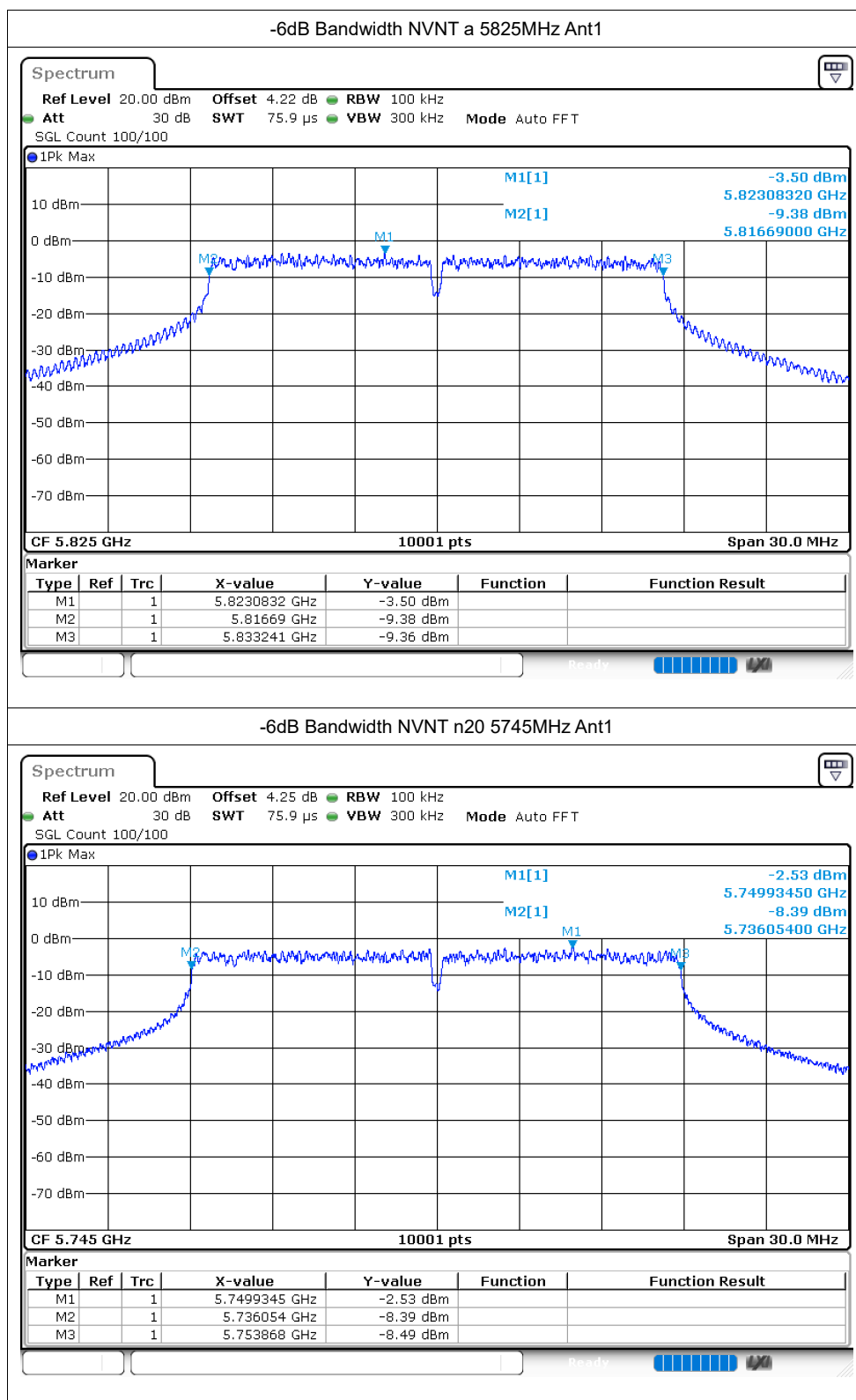
Ref Level 20.00 dBm Offset 4.24 dB RBW 100 kHz
Att 30 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

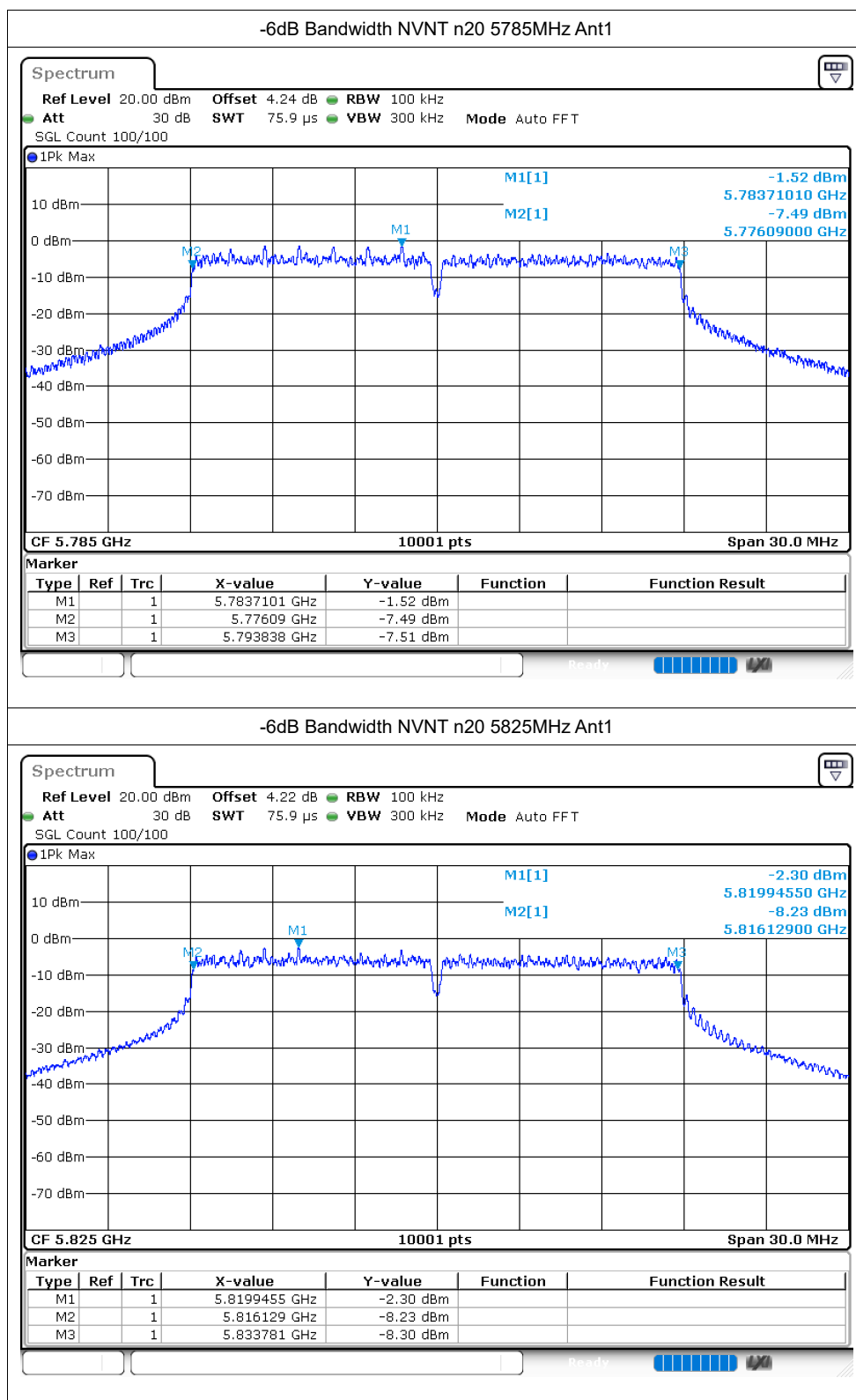
1Pk Max

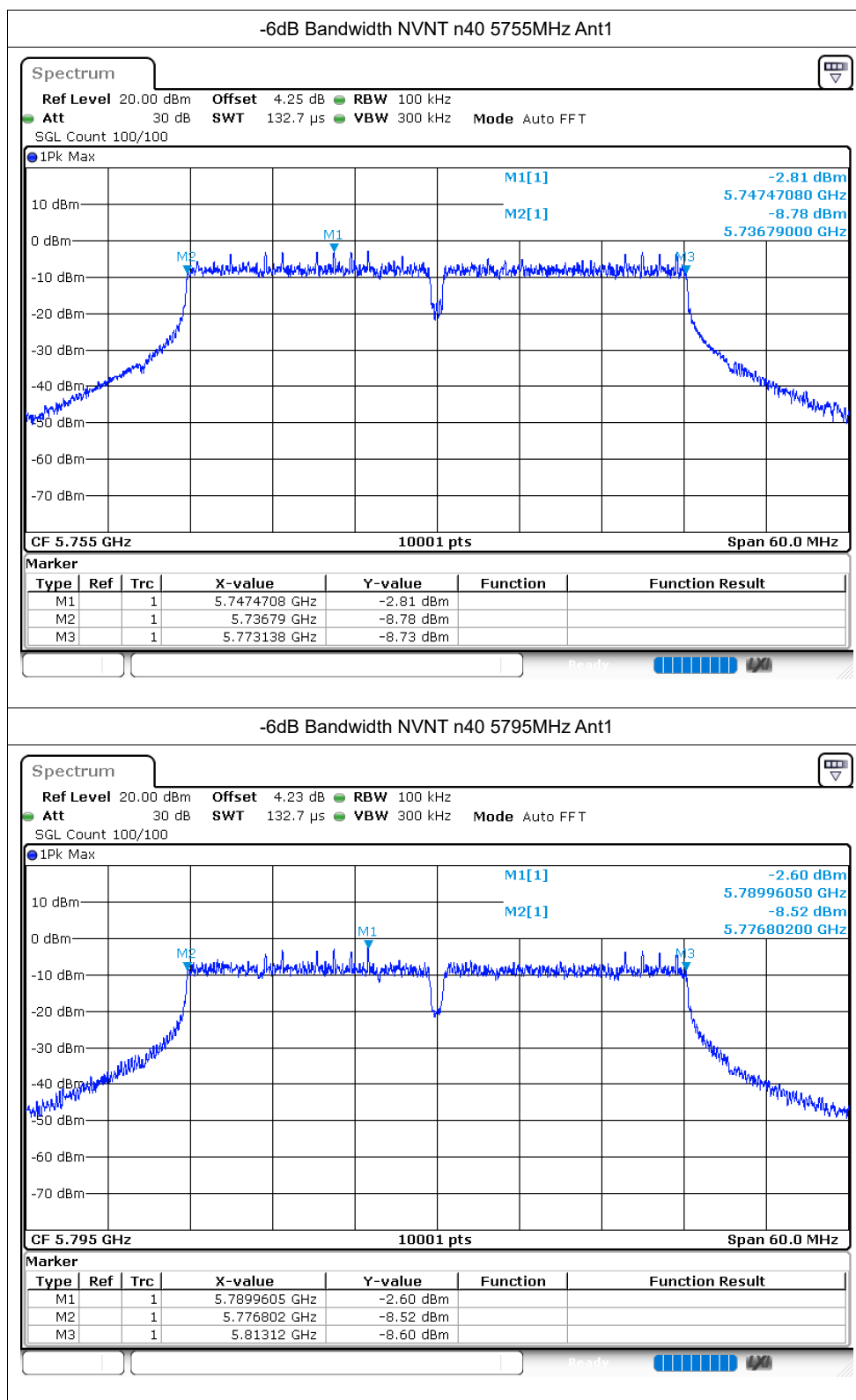


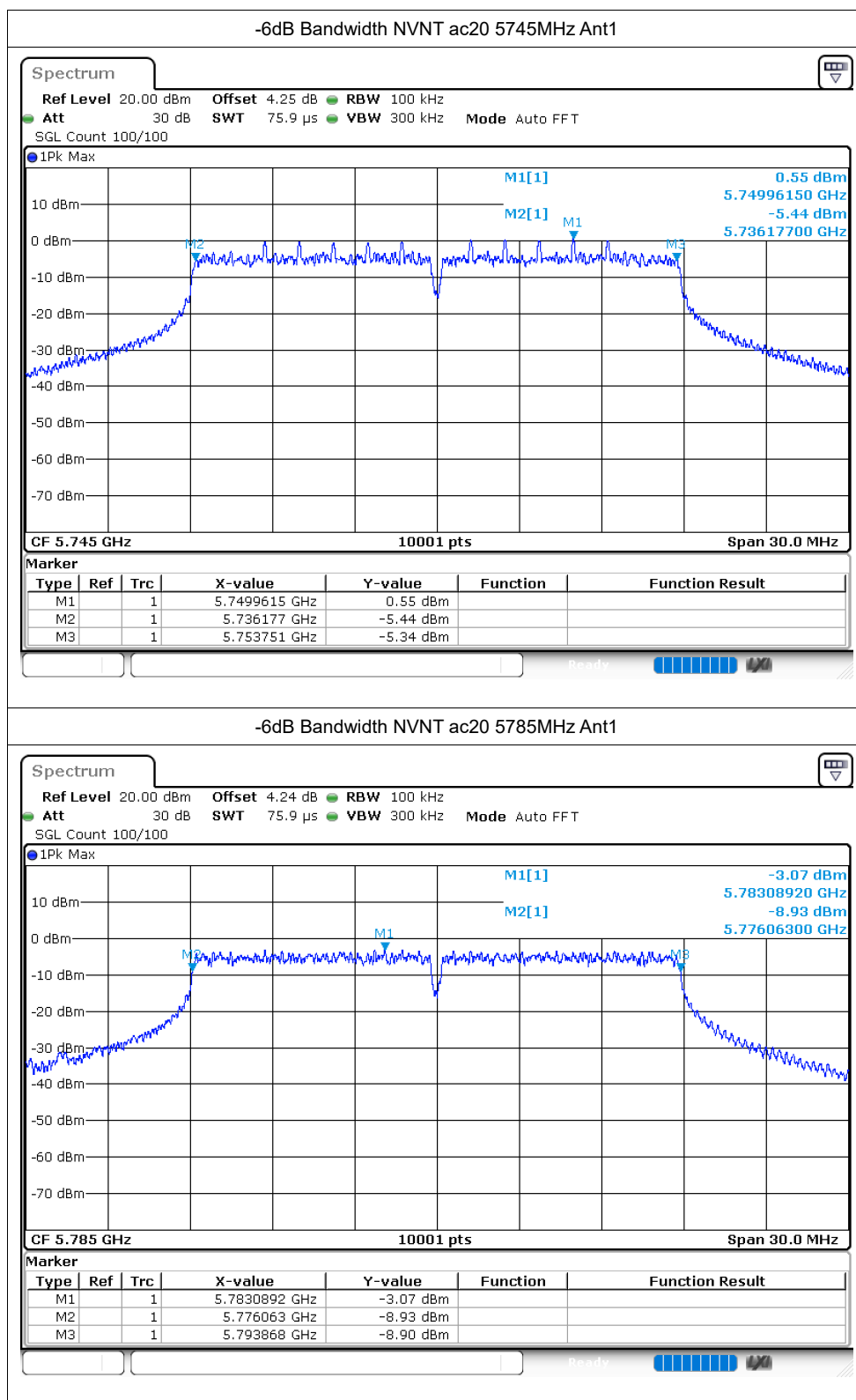
Marker

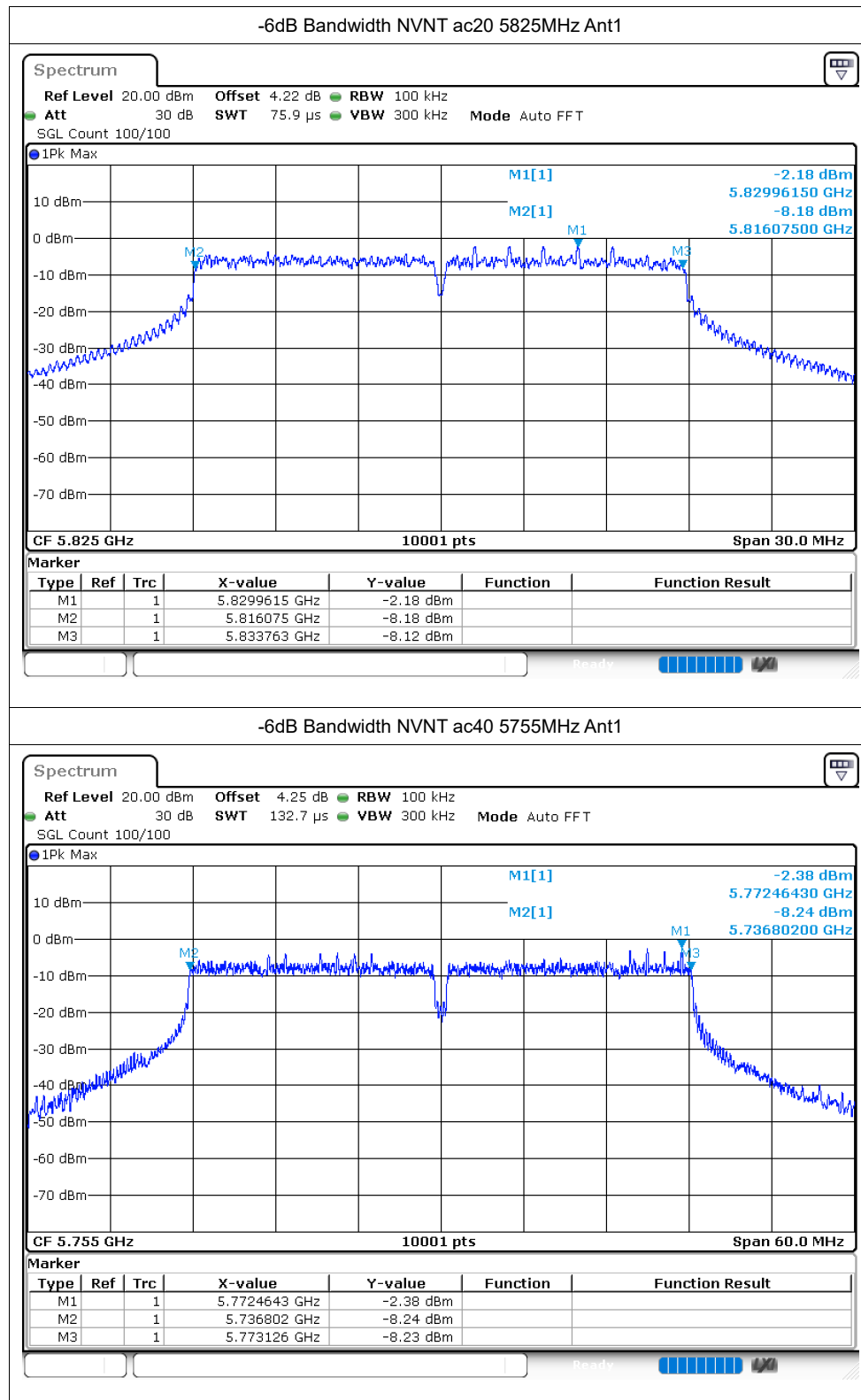
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.7812204 GHz	-2.26 dBm		
M2	1		5.776696 GHz	-8.17 dBm		
M3	1		5.79325 GHz	-8.12 dBm		

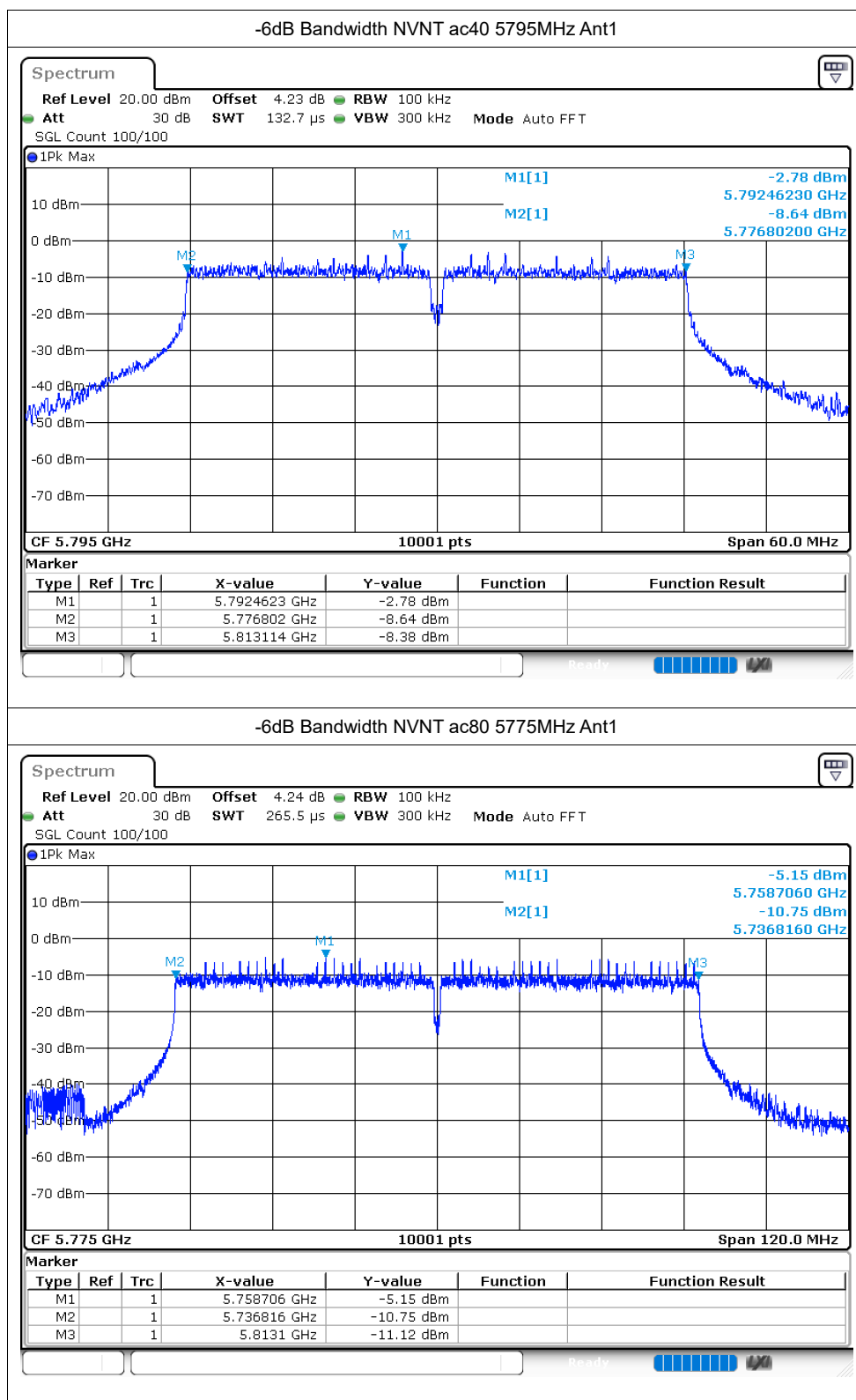


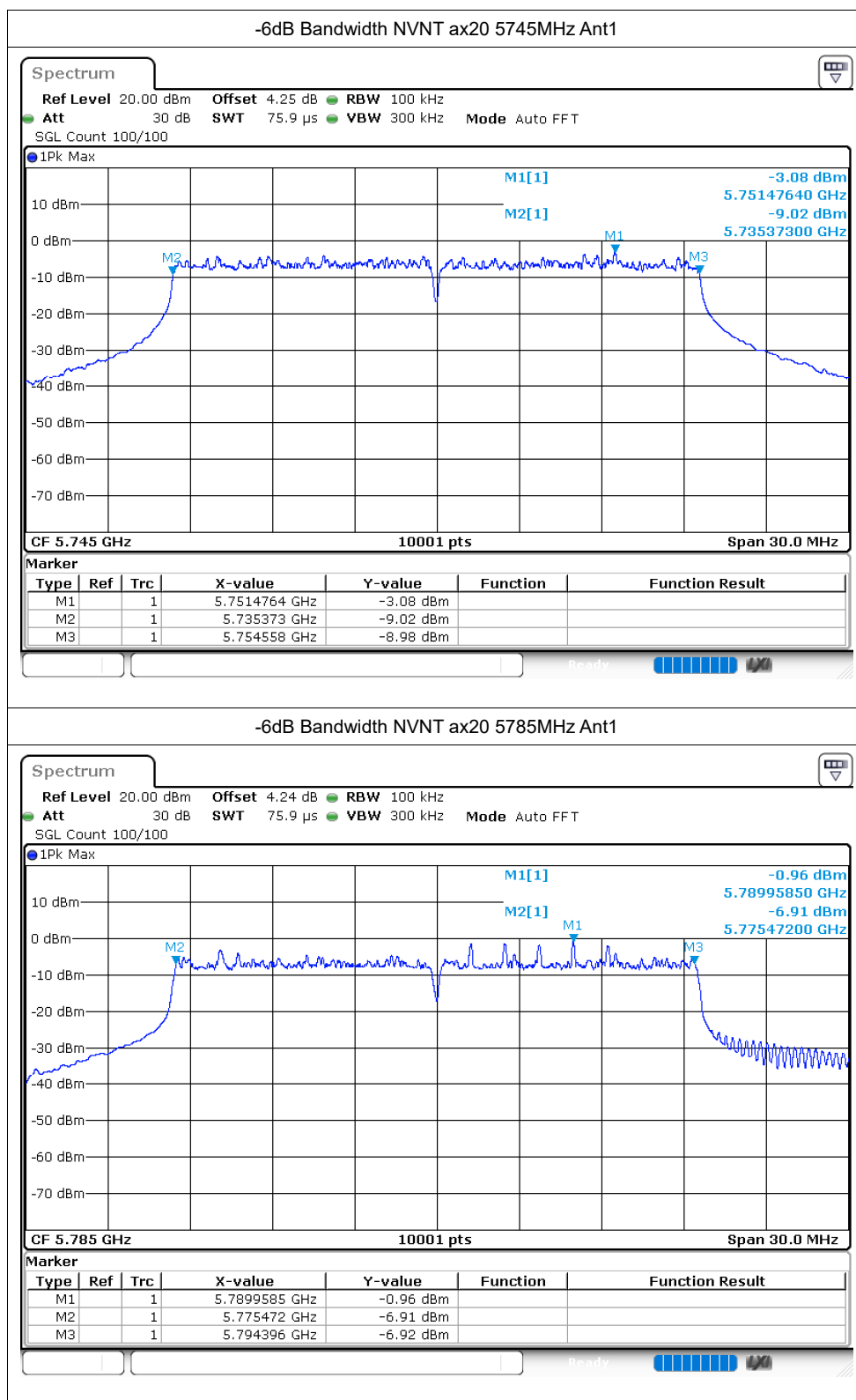


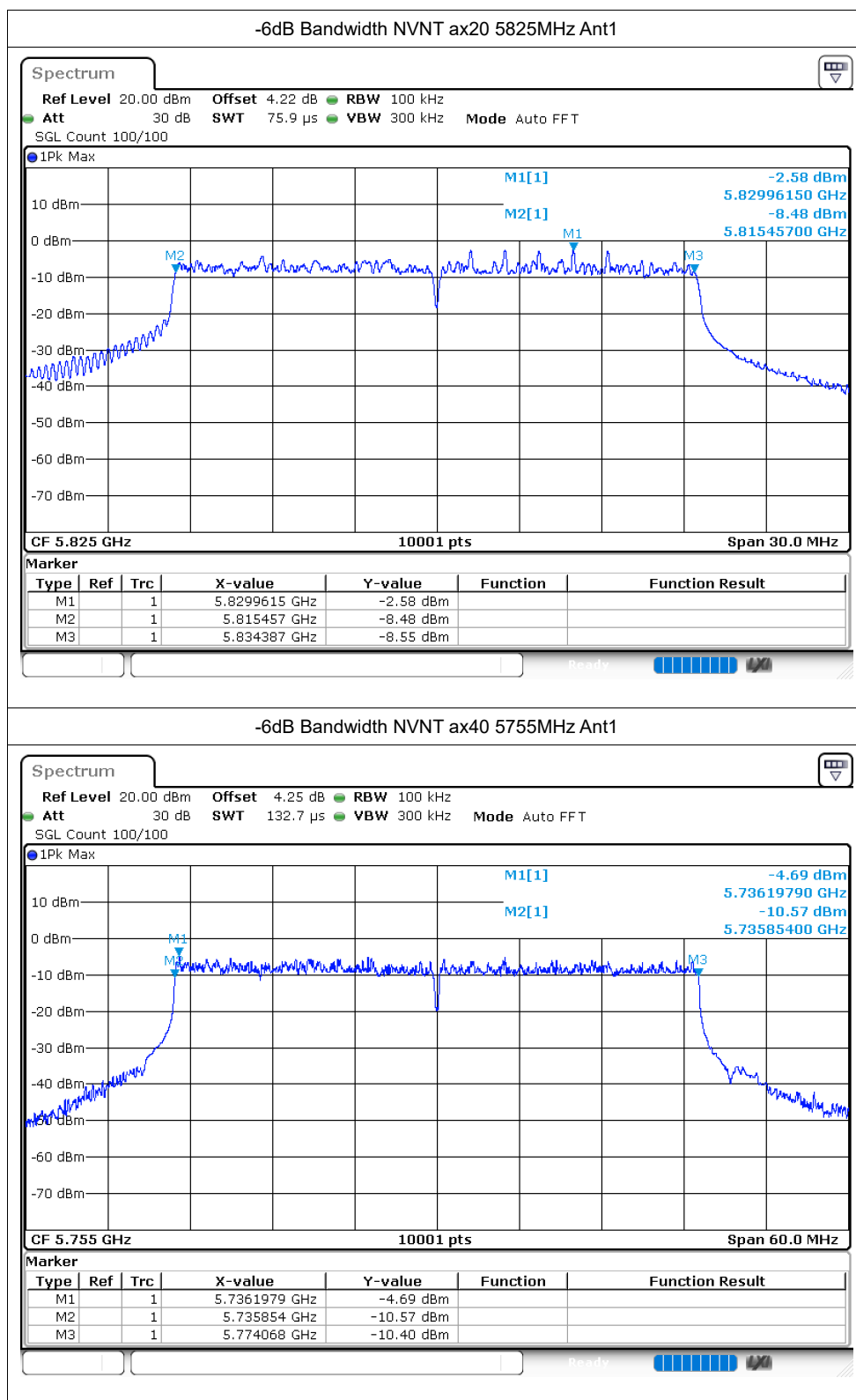


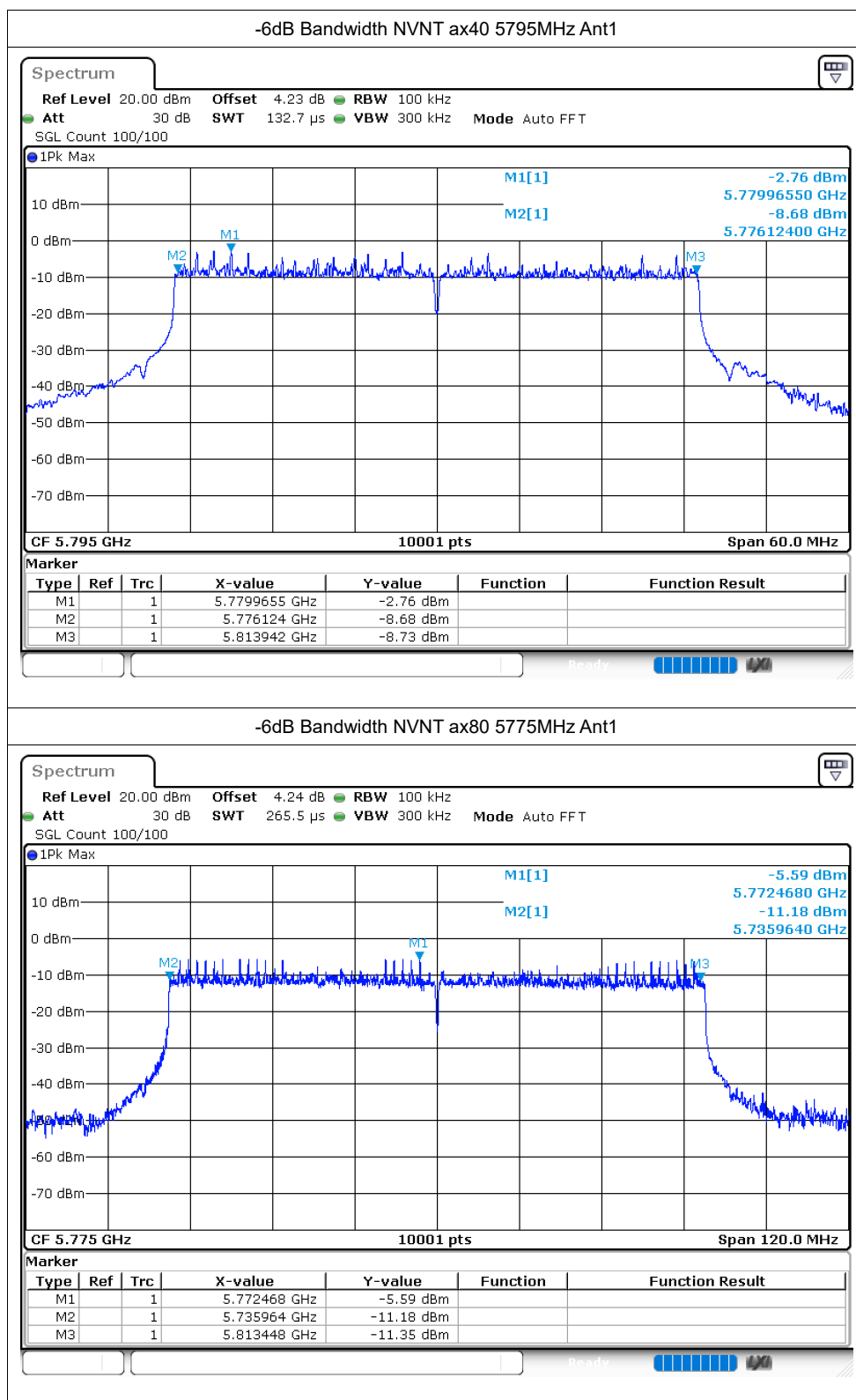










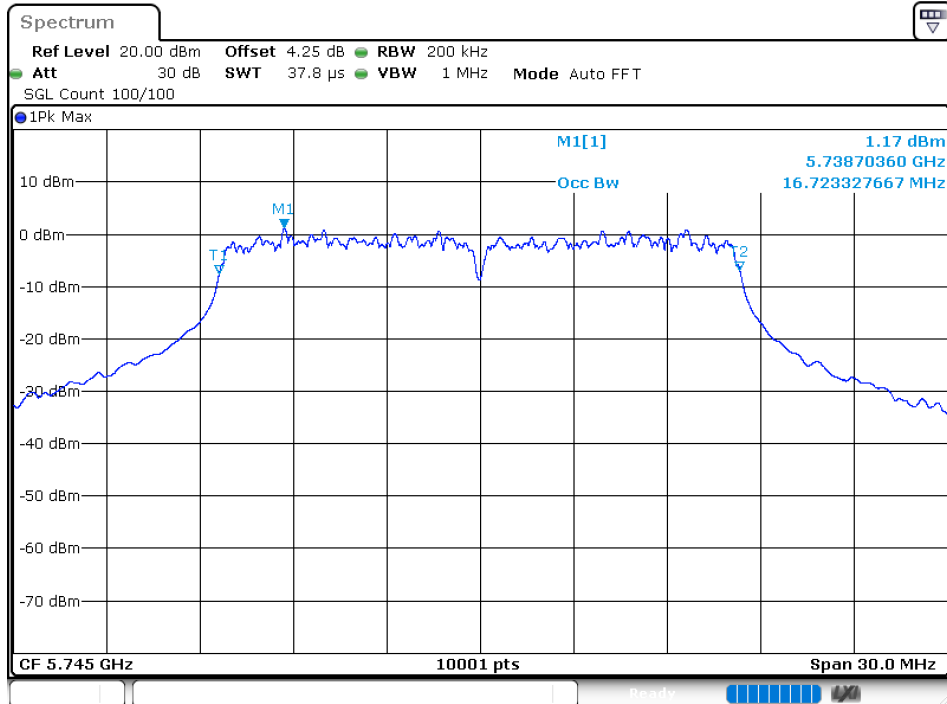


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.723
NVNT	a	5785	Ant1	16.675
NVNT	a	5825	Ant1	16.831
NVNT	n20	5745	Ant1	17.944
NVNT	n20	5785	Ant1	17.839
NVNT	n20	5825	Ant1	17.998
NVNT	n40	5755	Ant1	36.764
NVNT	n40	5795	Ant1	36.77
NVNT	ac20	5745	Ant1	17.953
NVNT	ac20	5785	Ant1	17.914
NVNT	ac20	5825	Ant1	17.899
NVNT	ac40	5755	Ant1	36.812
NVNT	ac40	5795	Ant1	36.806
NVNT	ac80	5775	Ant1	76.12
NVNT	ax20	5745	Ant1	19.111
NVNT	ax20	5785	Ant1	19.075
NVNT	ax20	5825	Ant1	19.093
NVNT	ax40	5755	Ant1	38.09
NVNT	ax40	5795	Ant1	38.054
NVNT	ax80	5775	Ant1	77.632

Test Graphs

OBW NVNT a 5745MHz Ant1



OBW NVNT a 5785MHz Ant1

