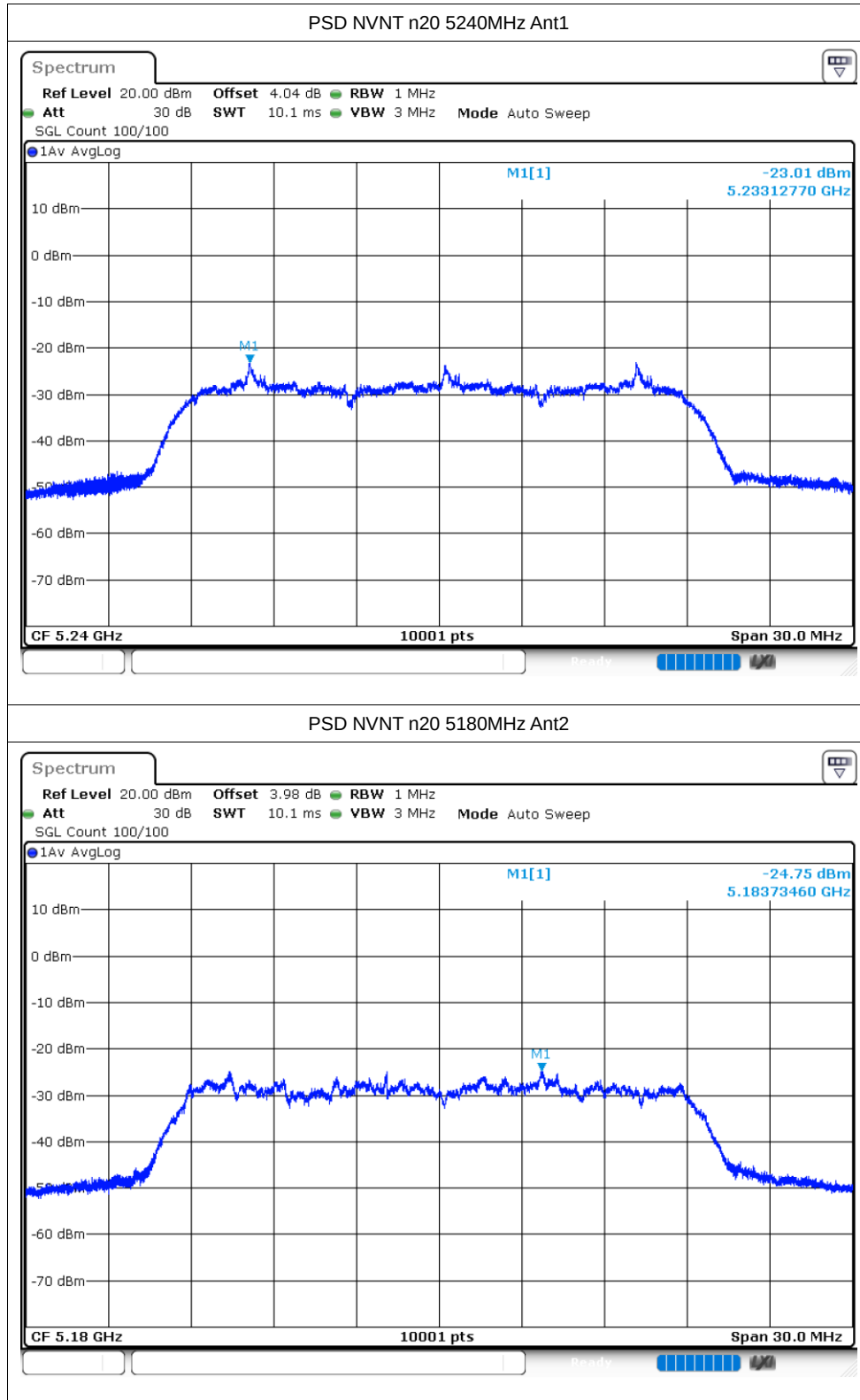
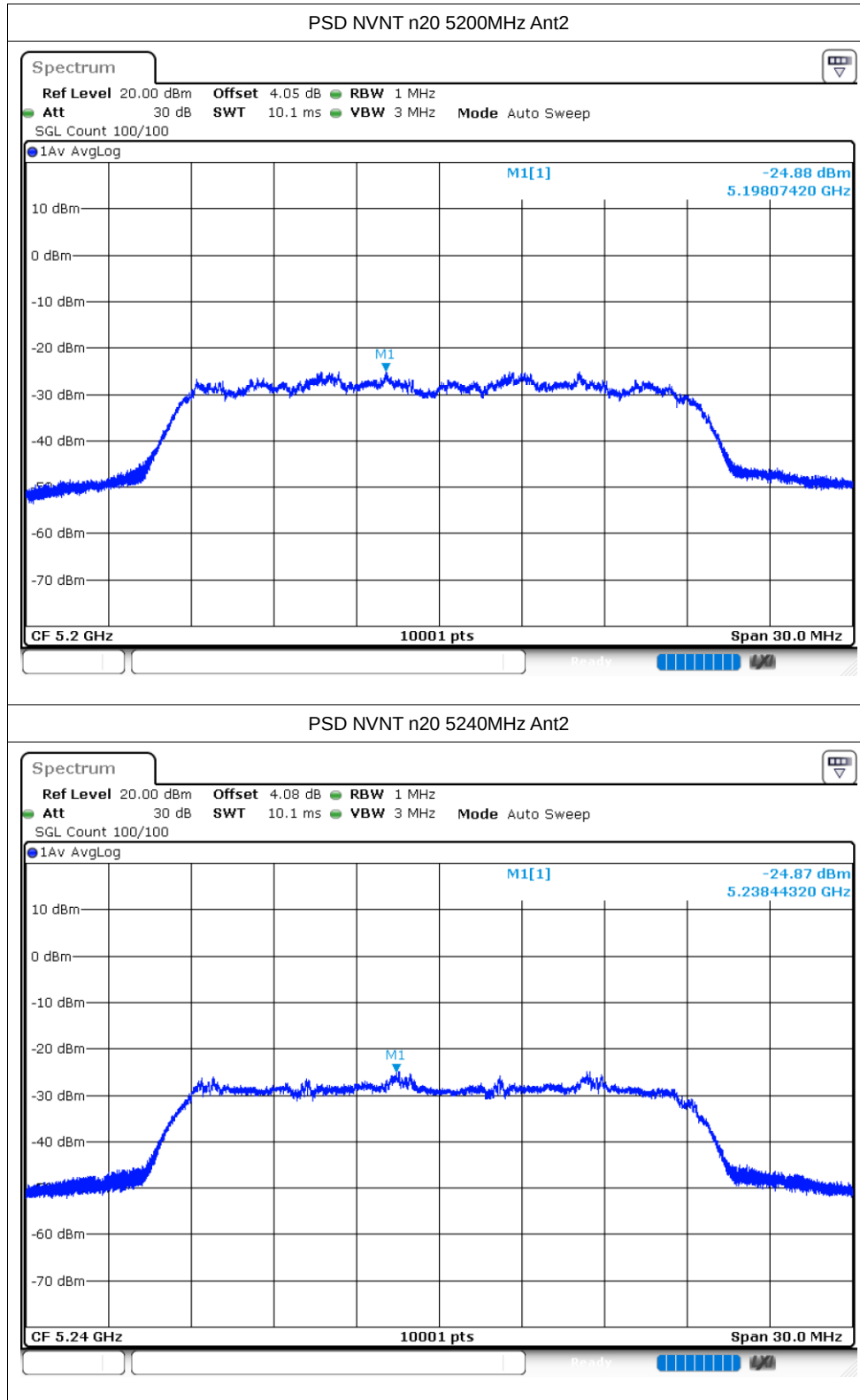
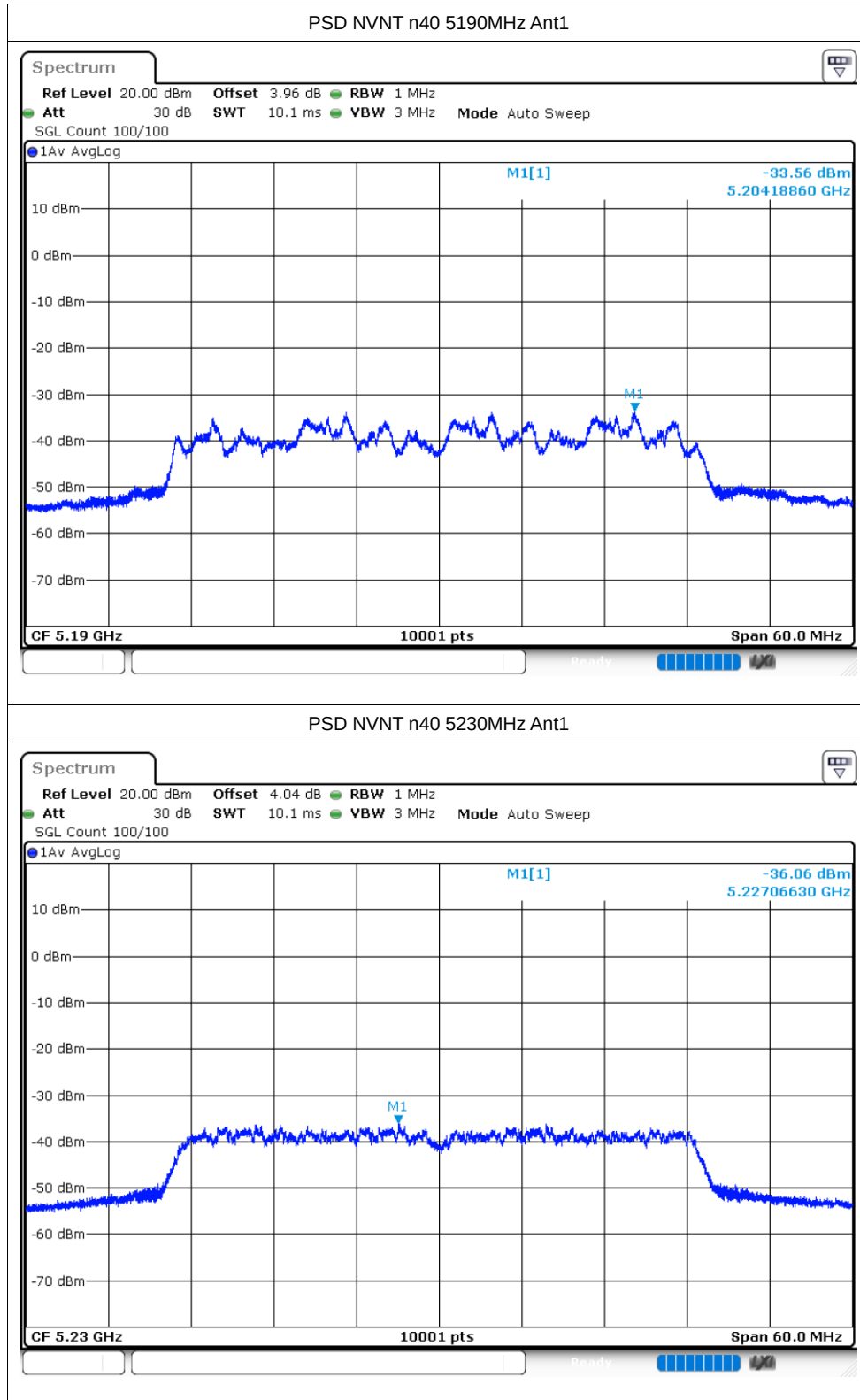
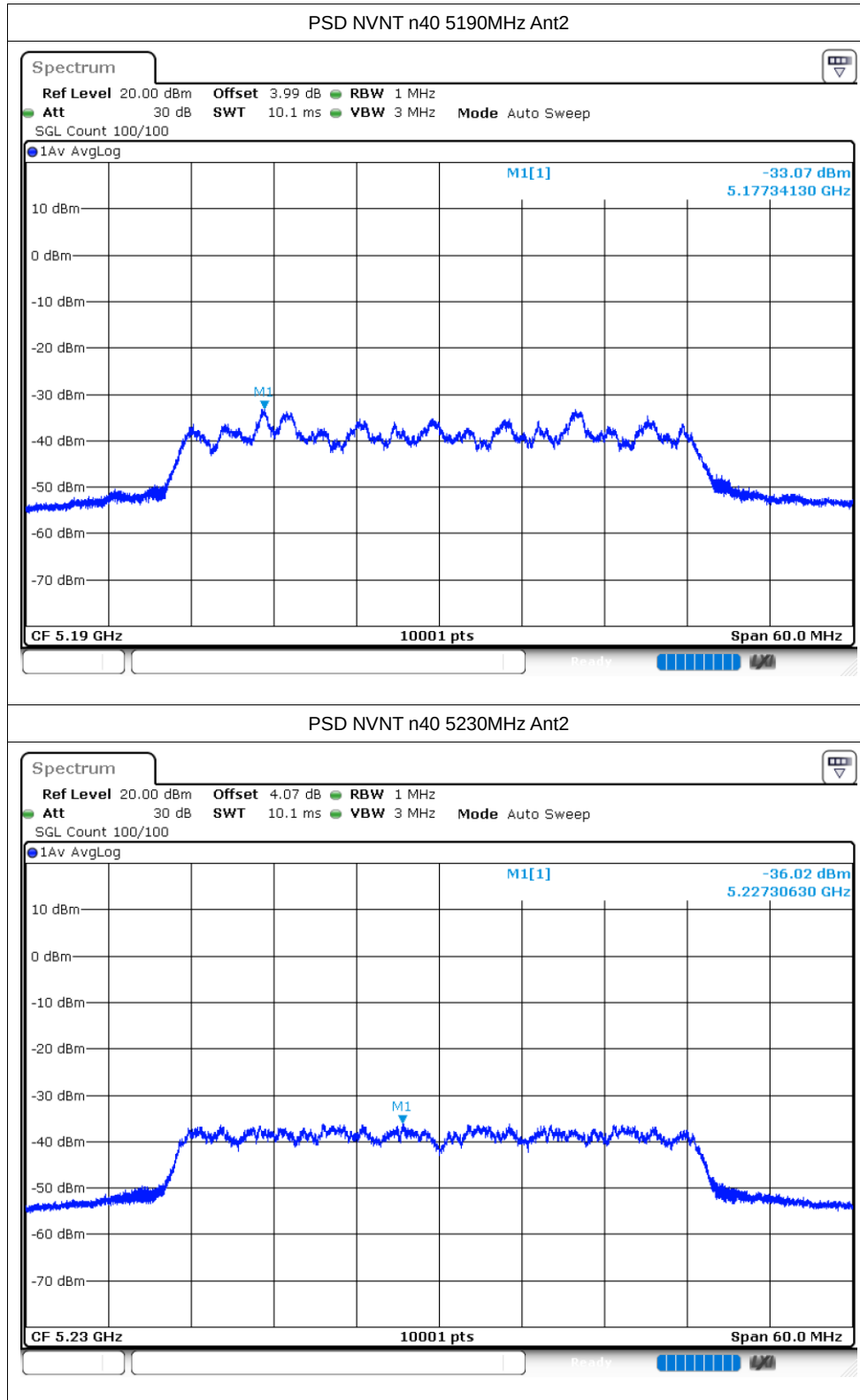
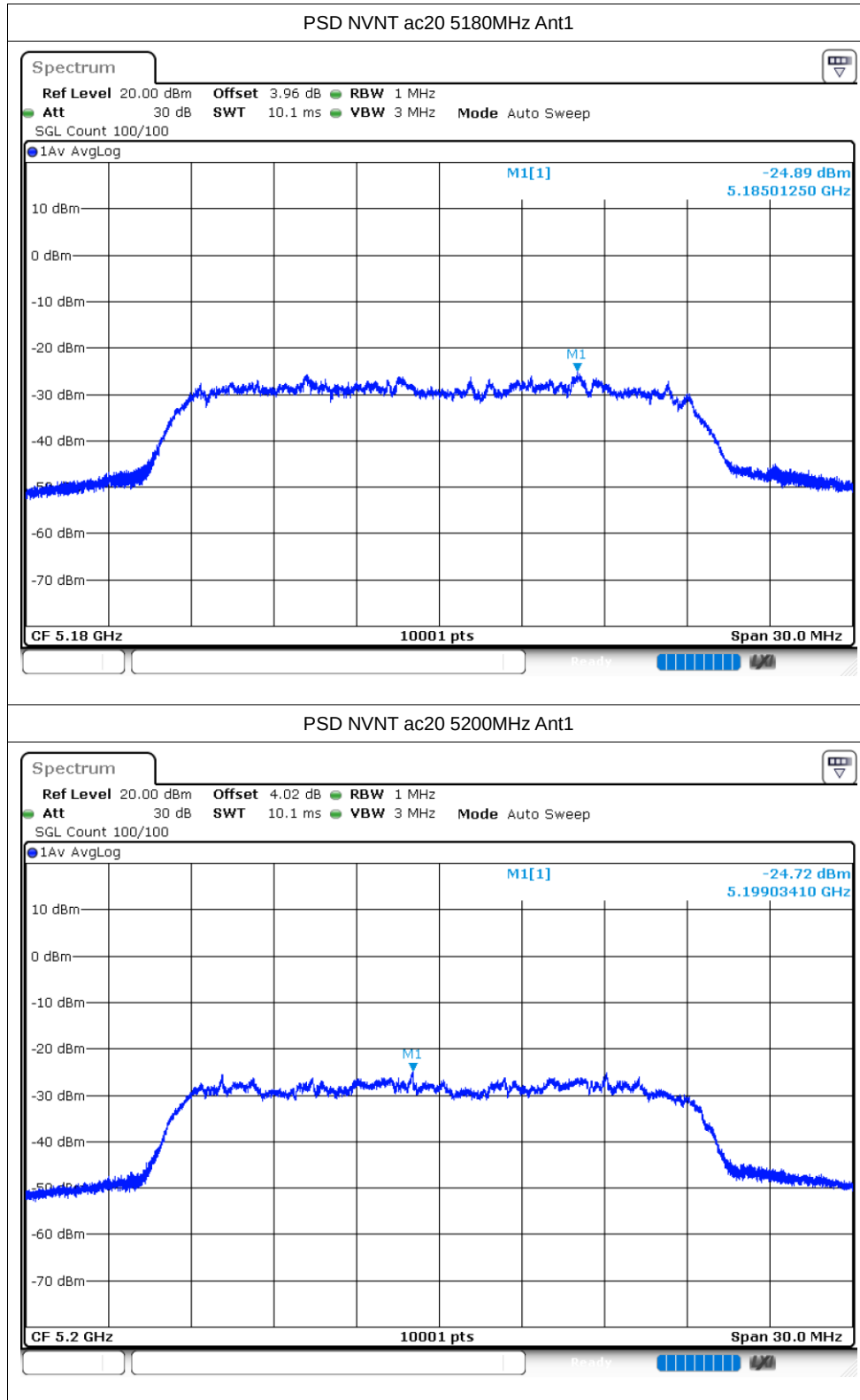


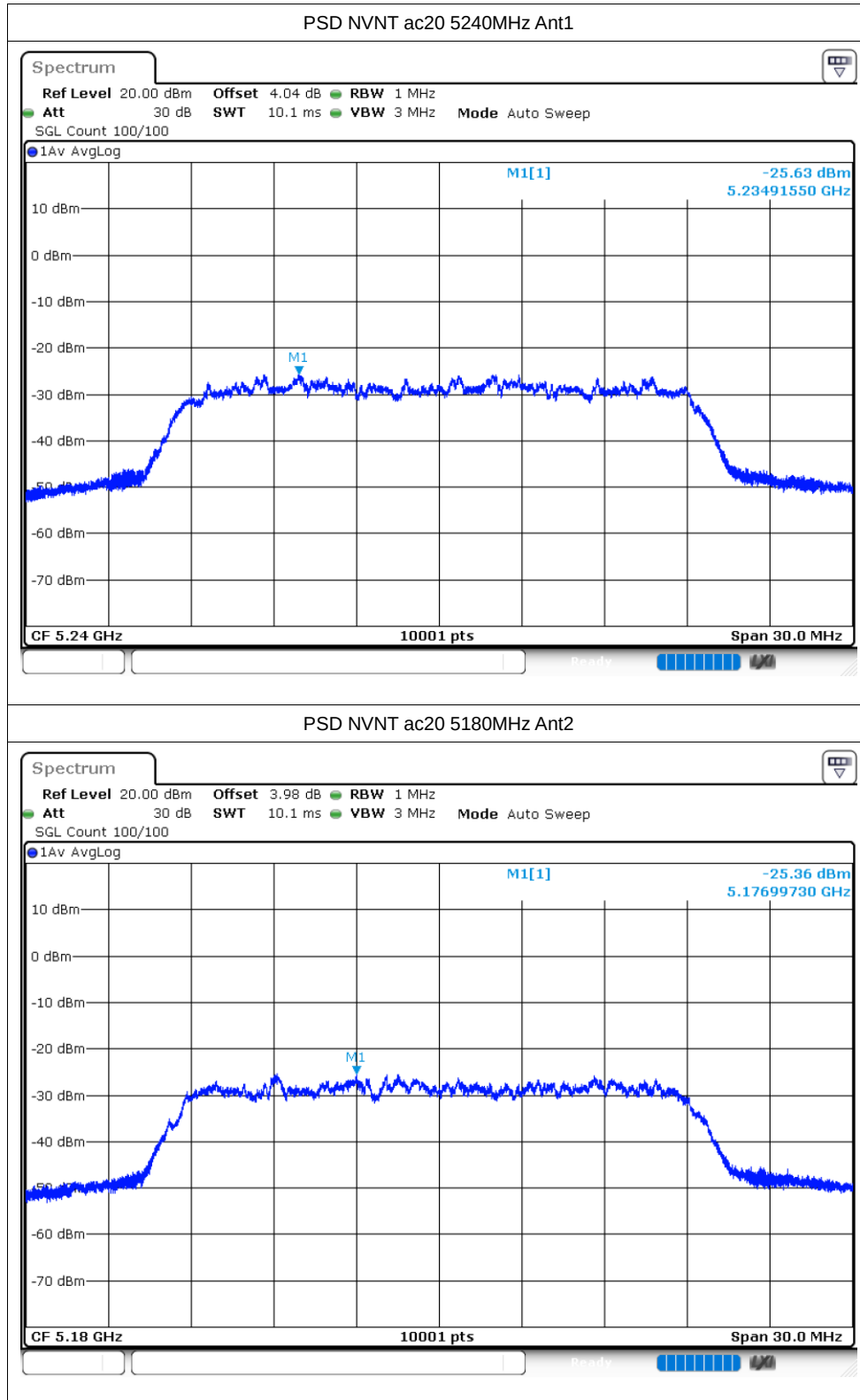


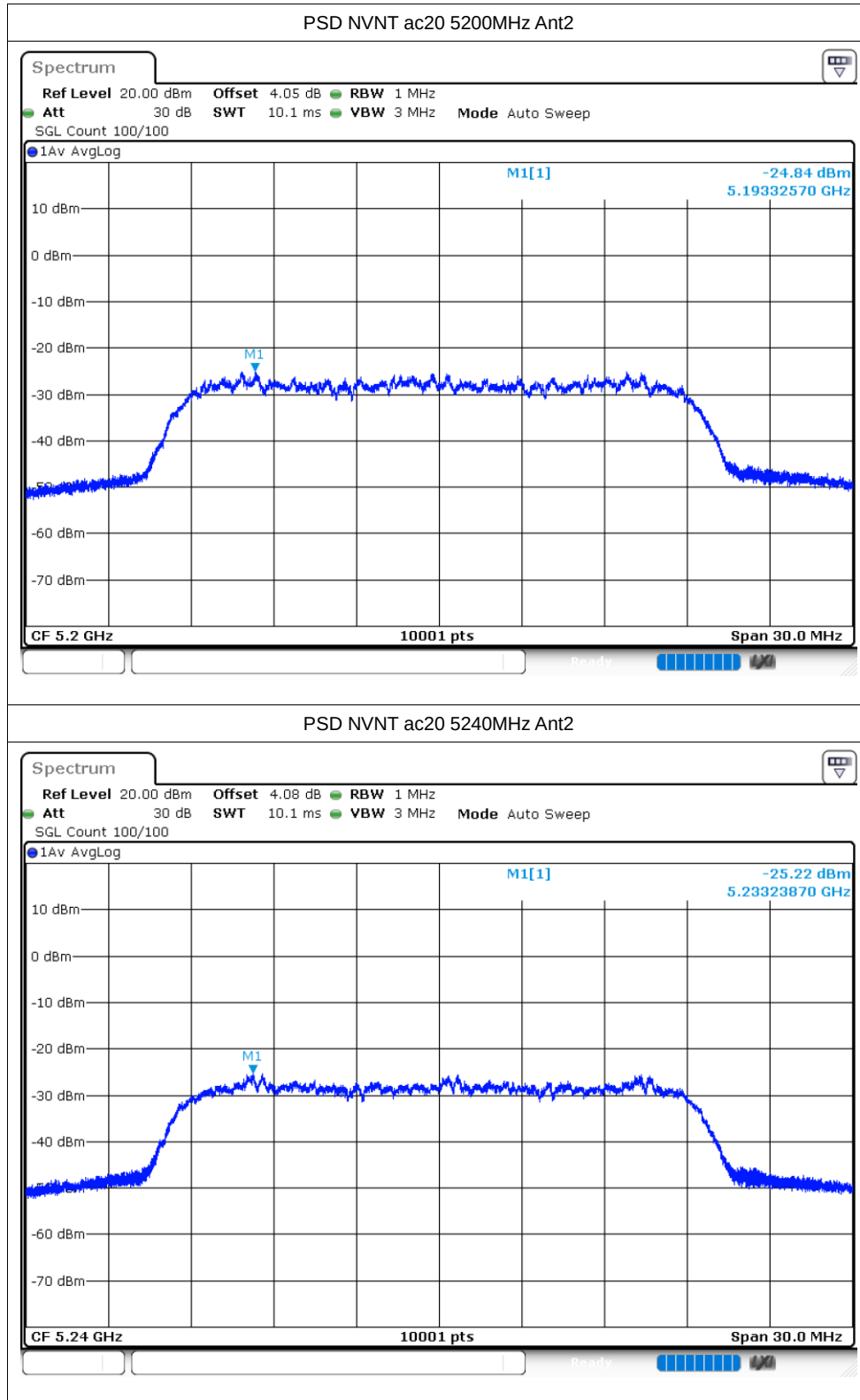


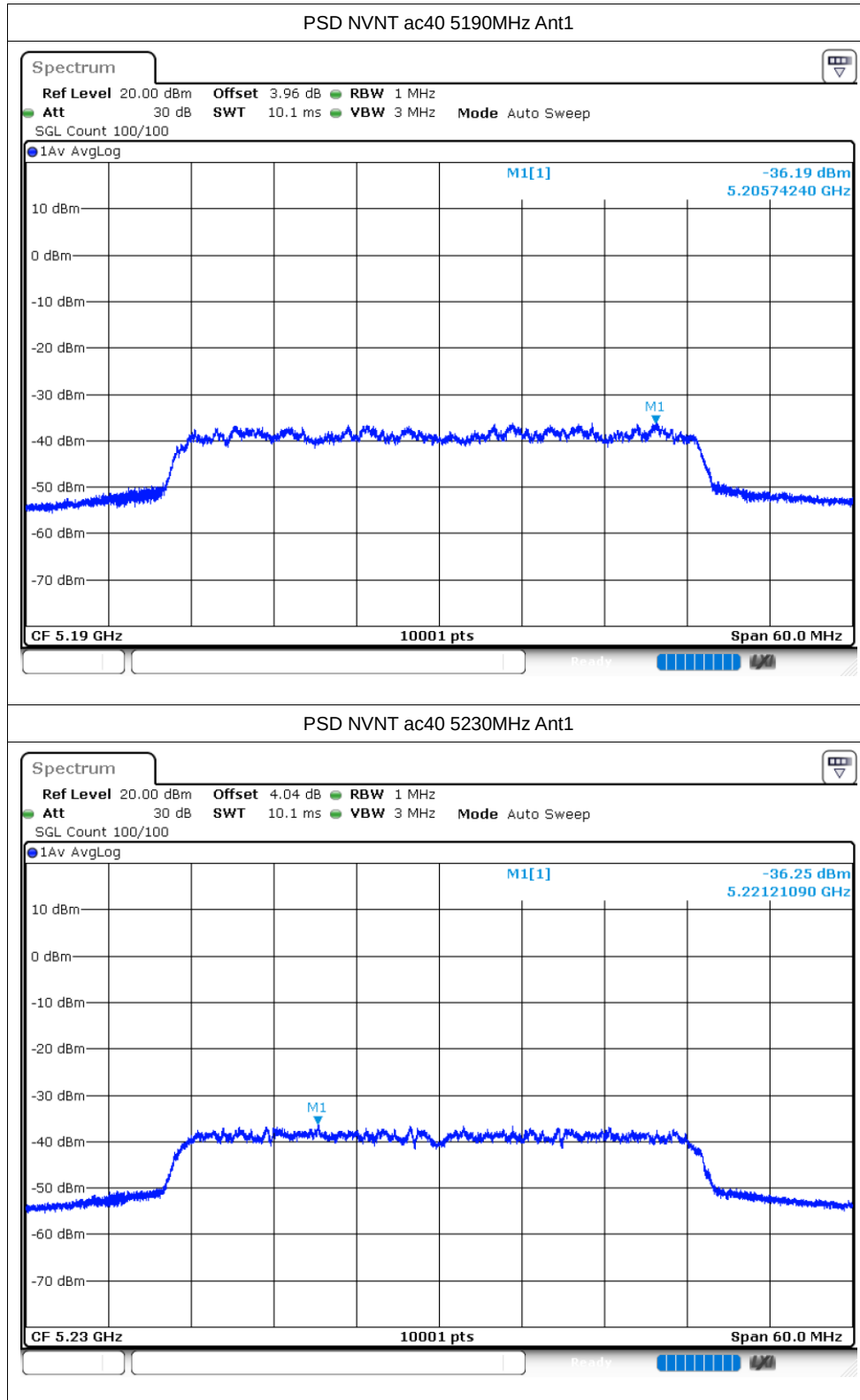


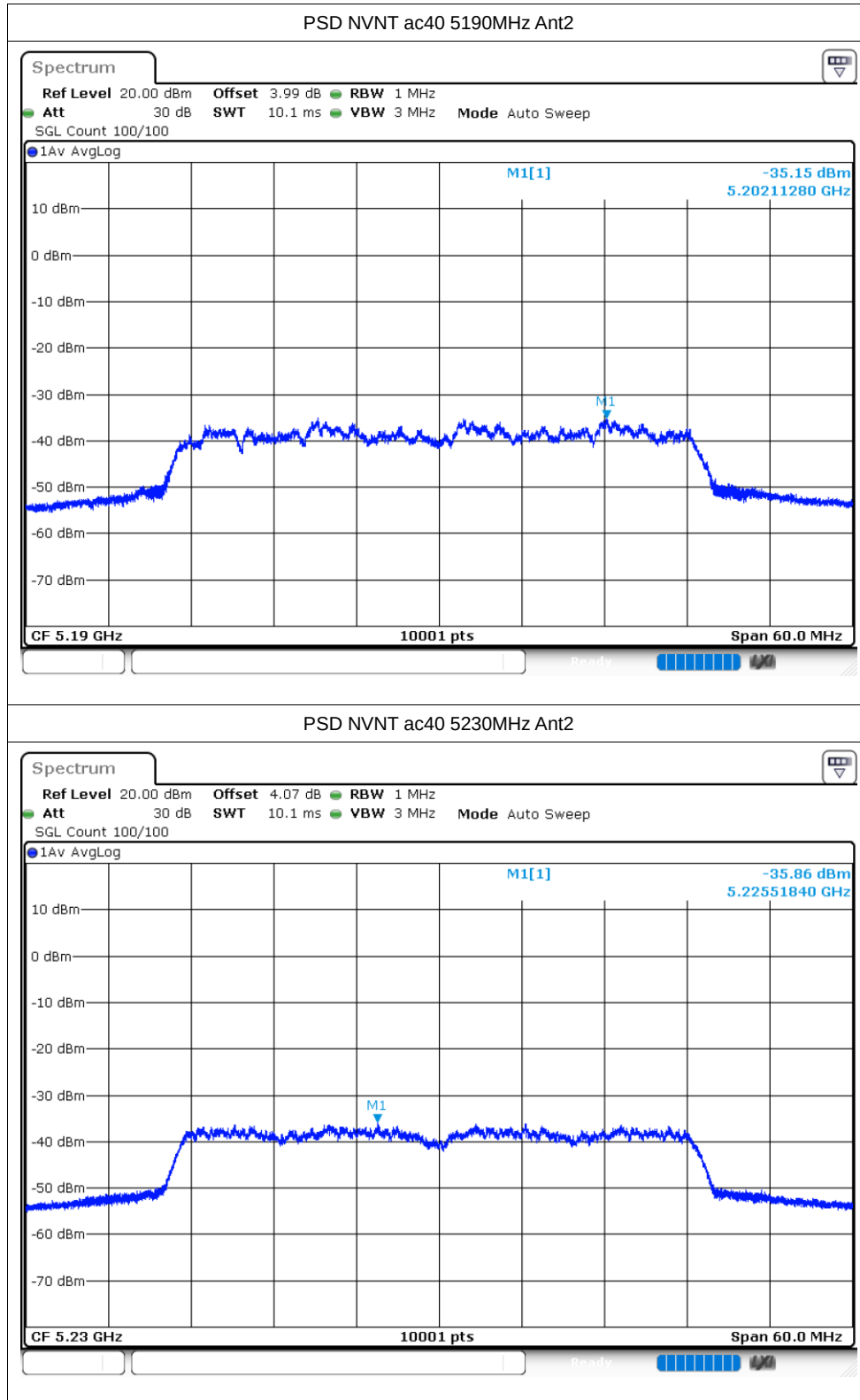


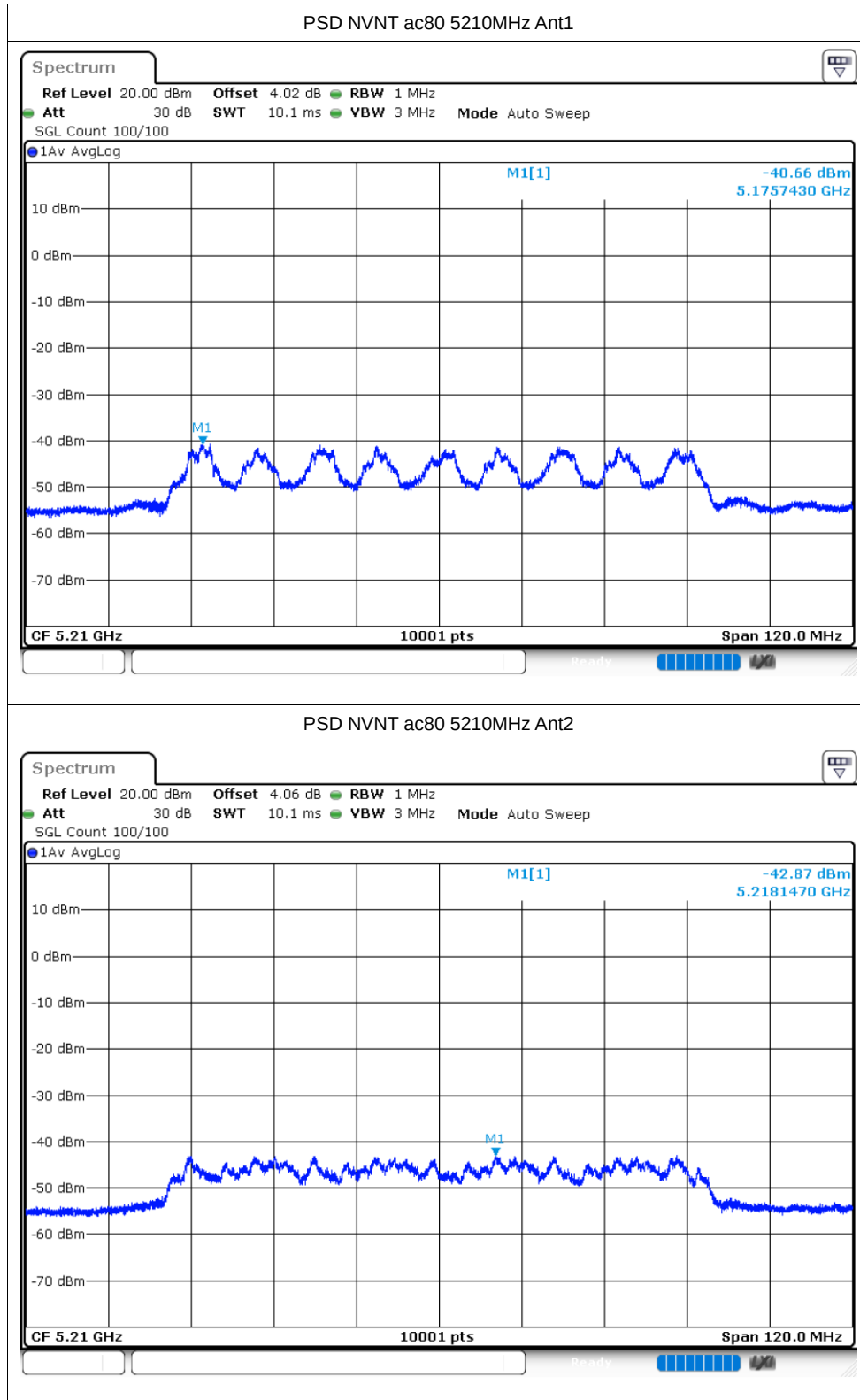


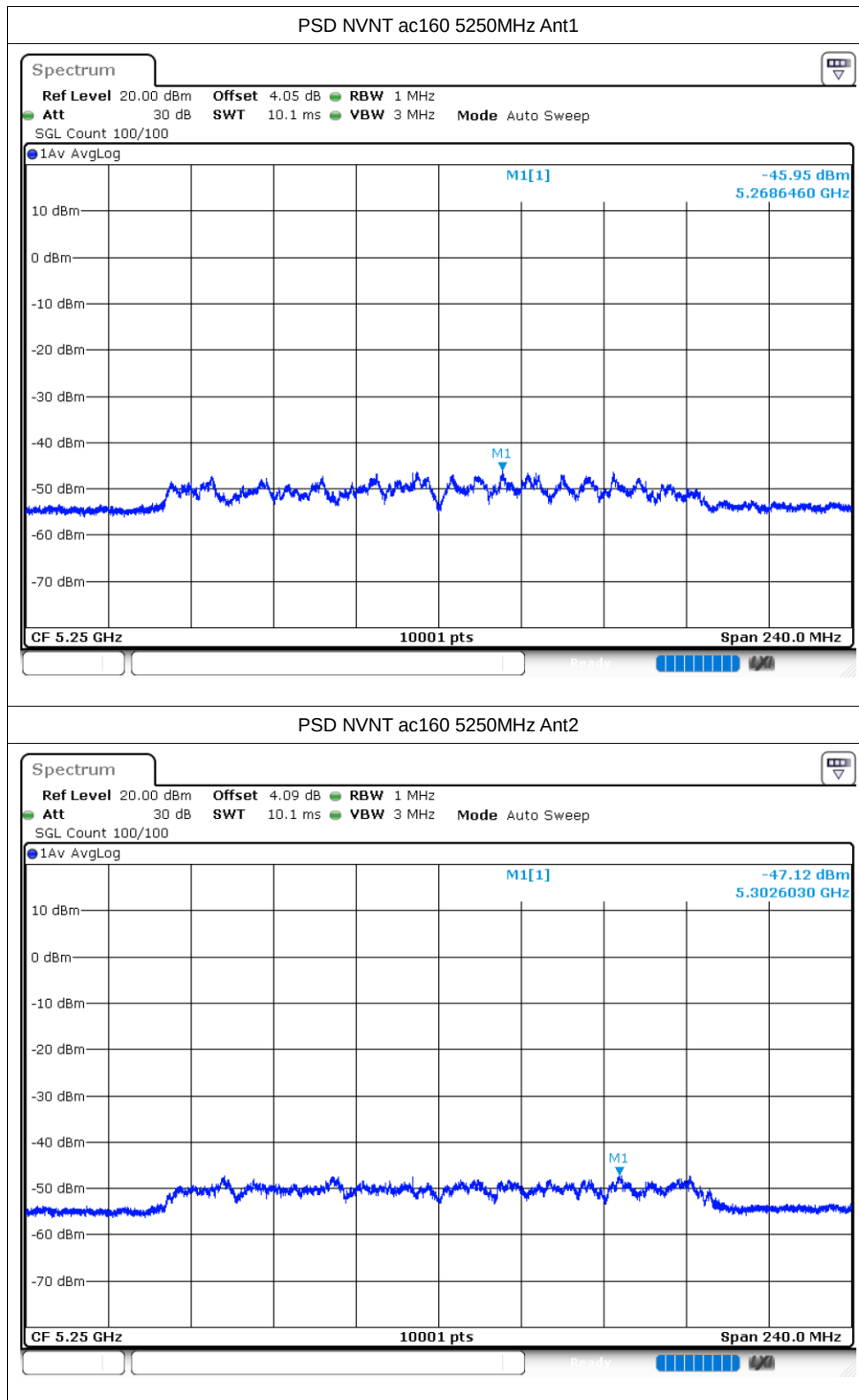


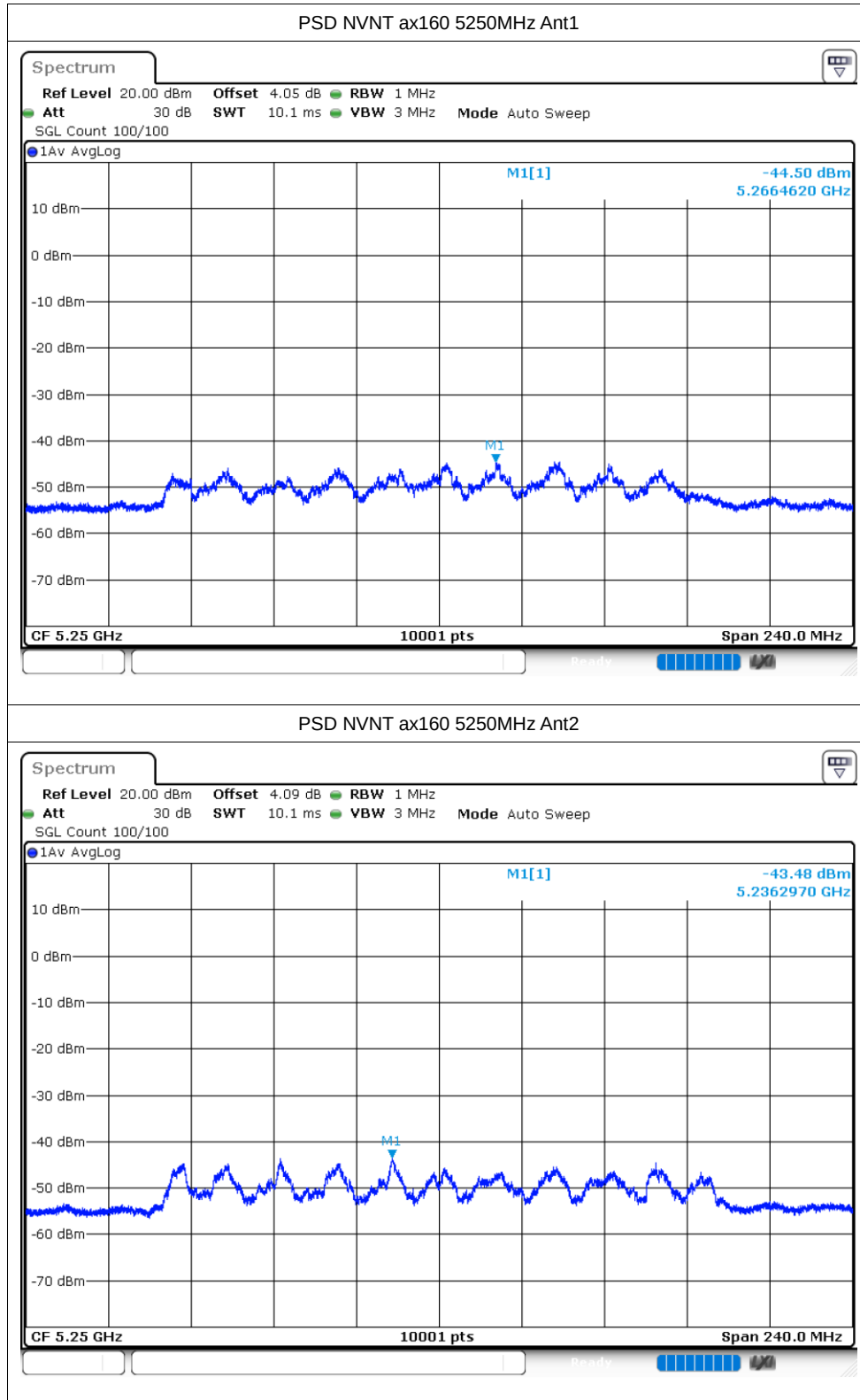


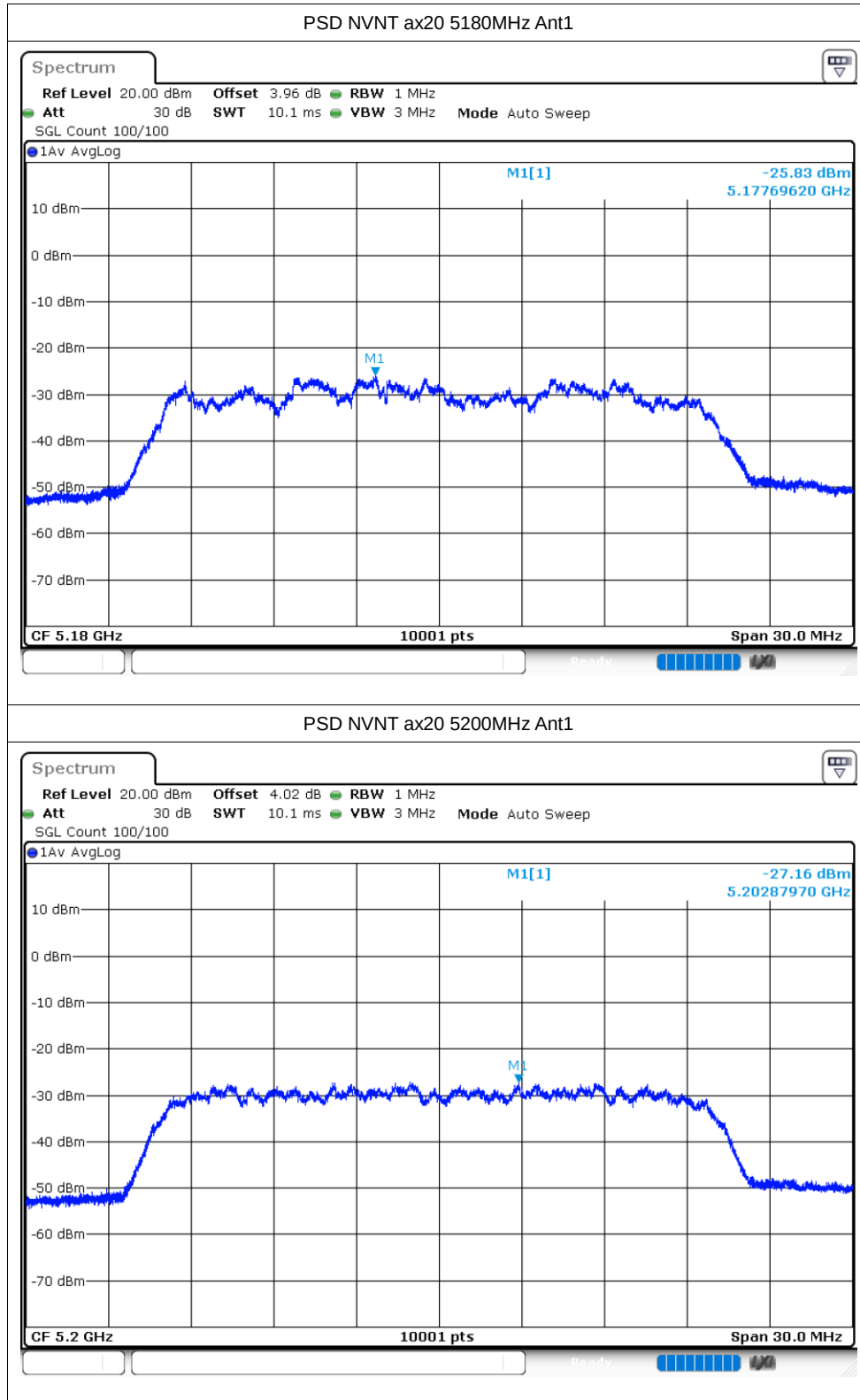


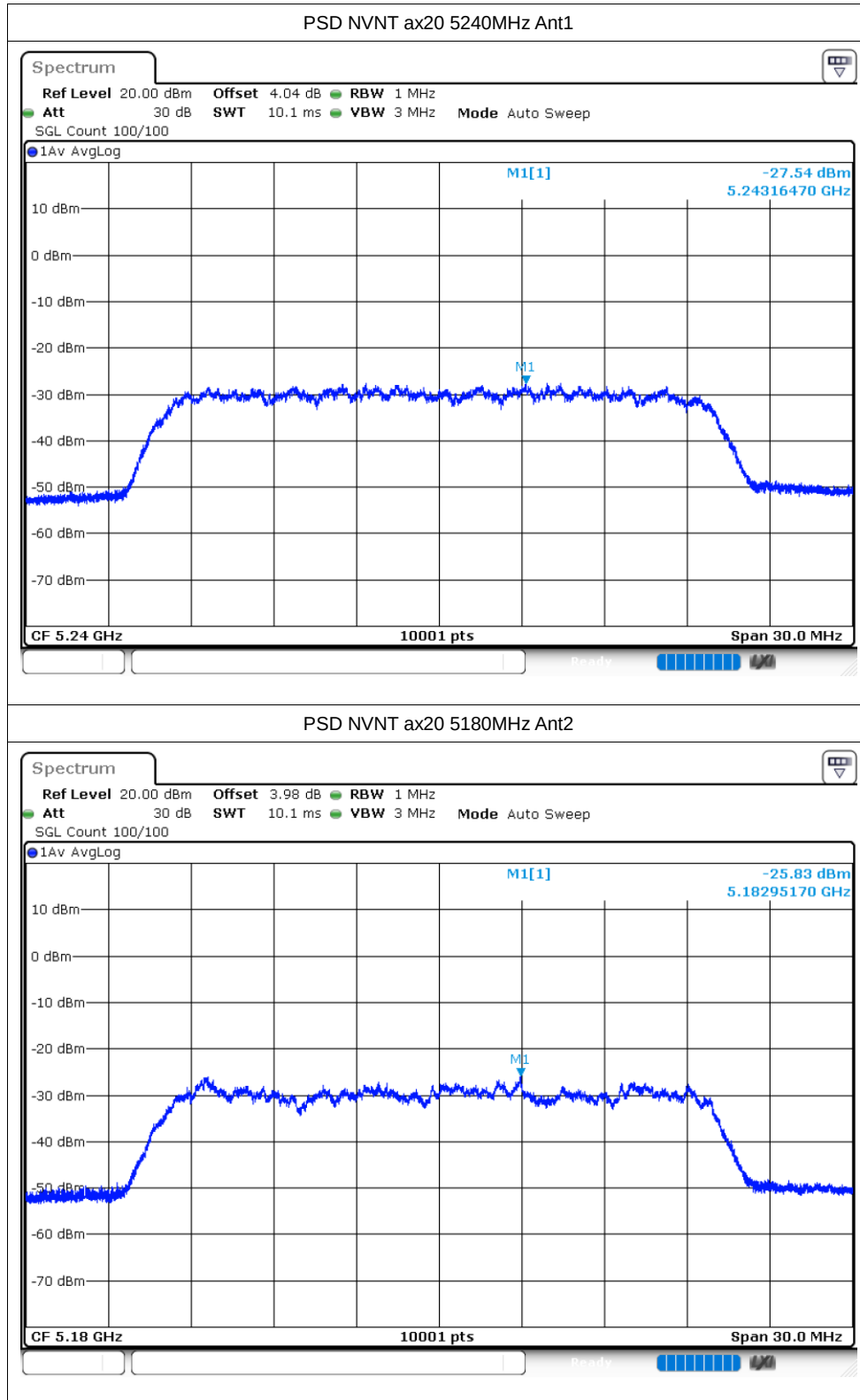


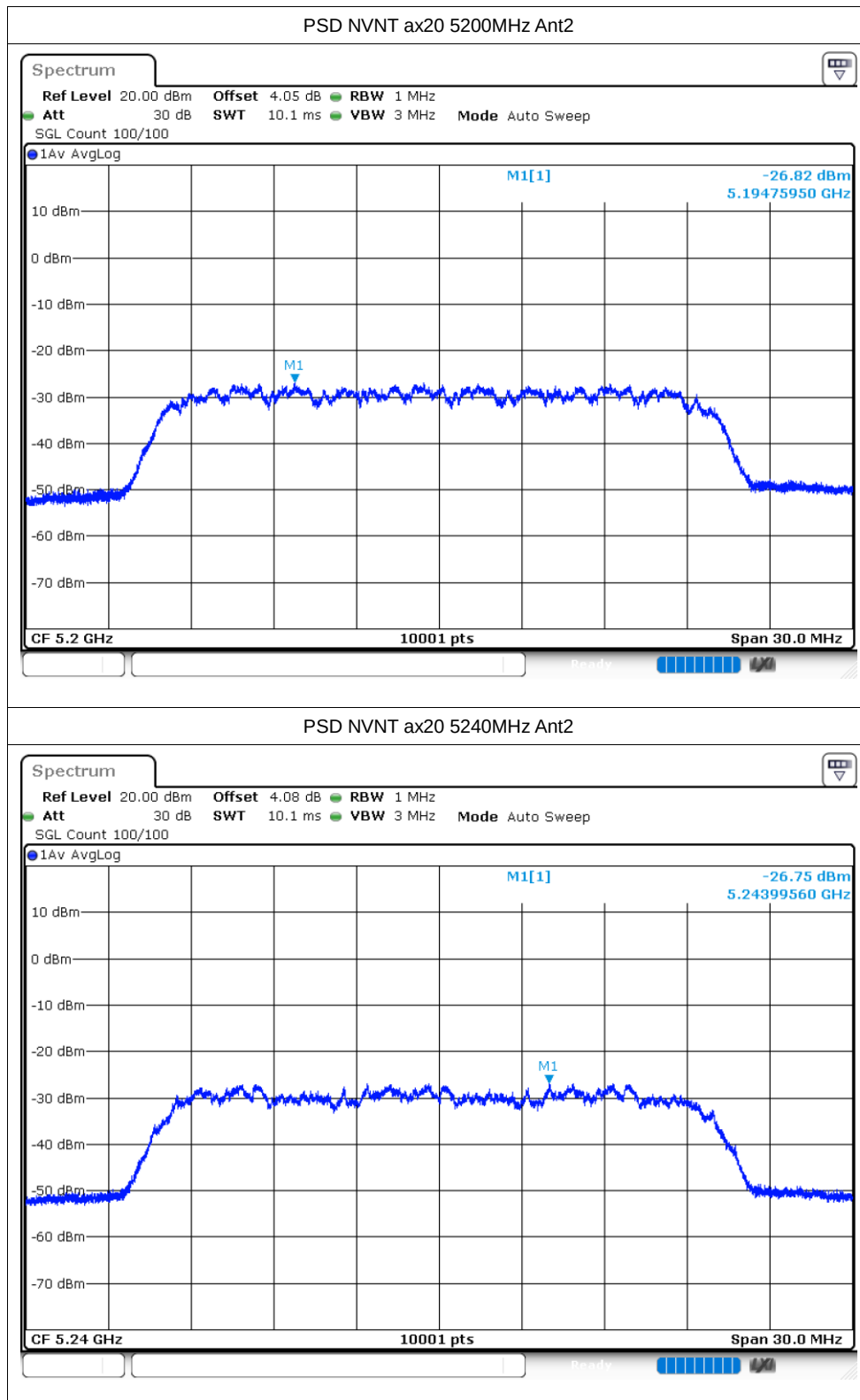


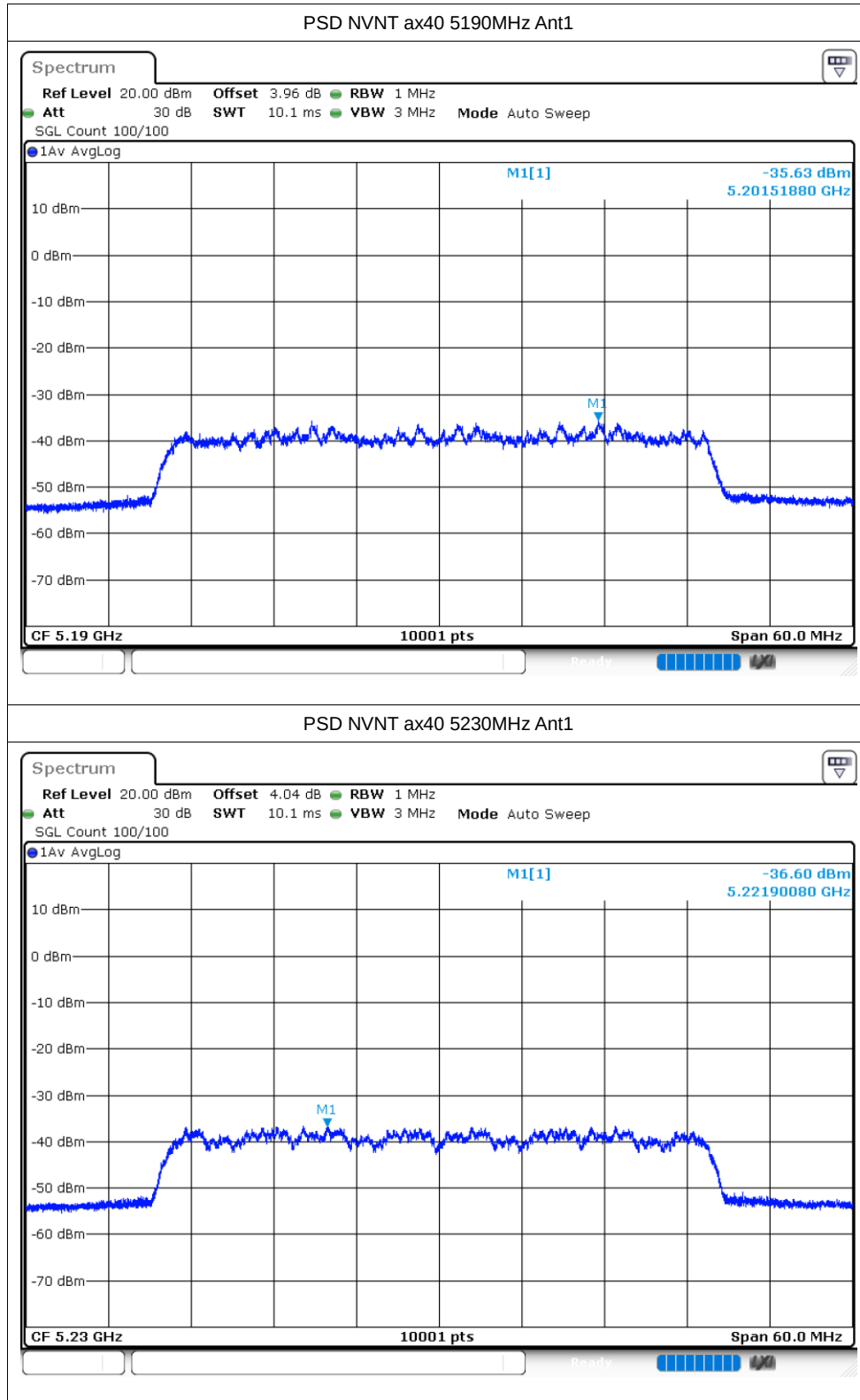


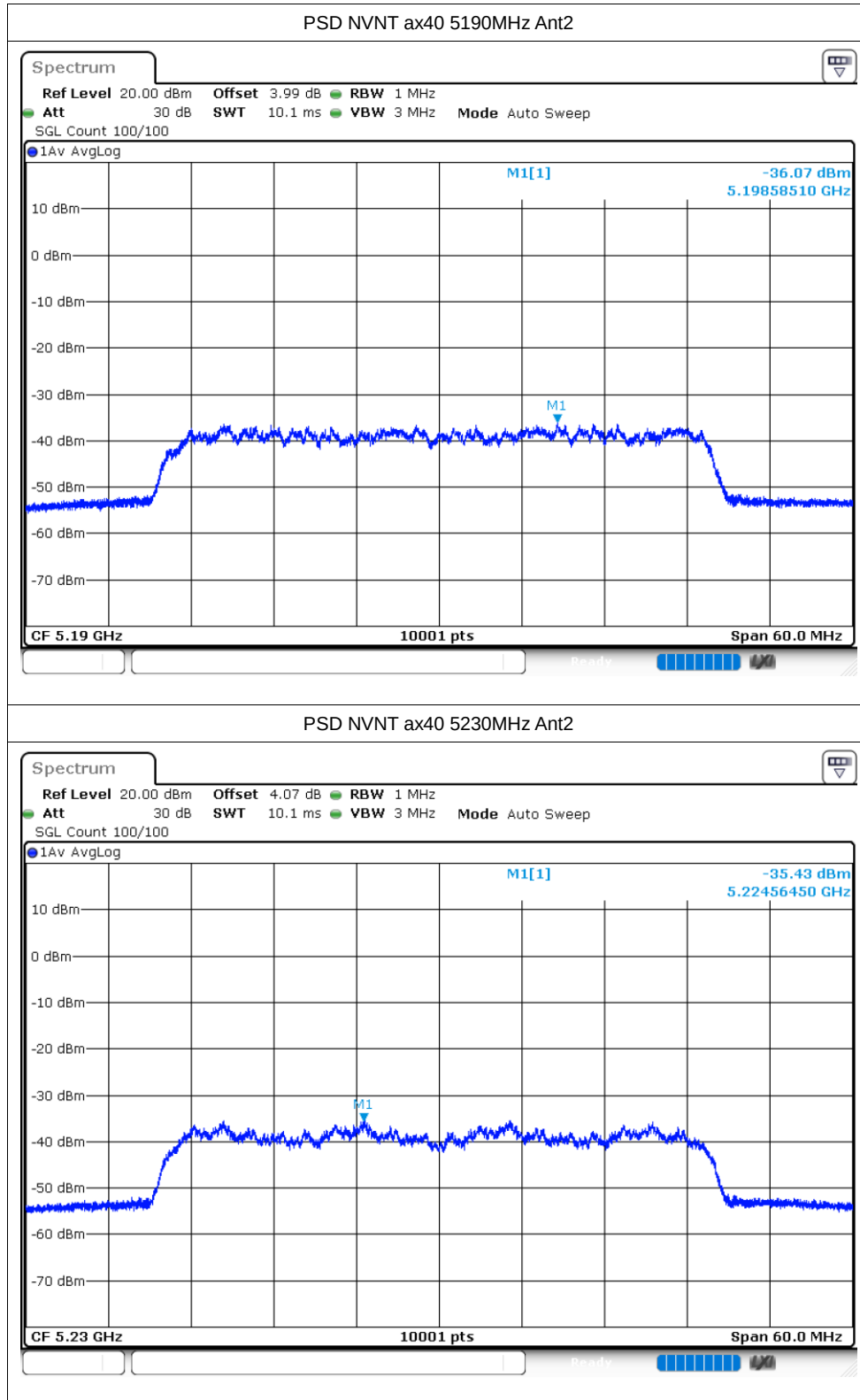


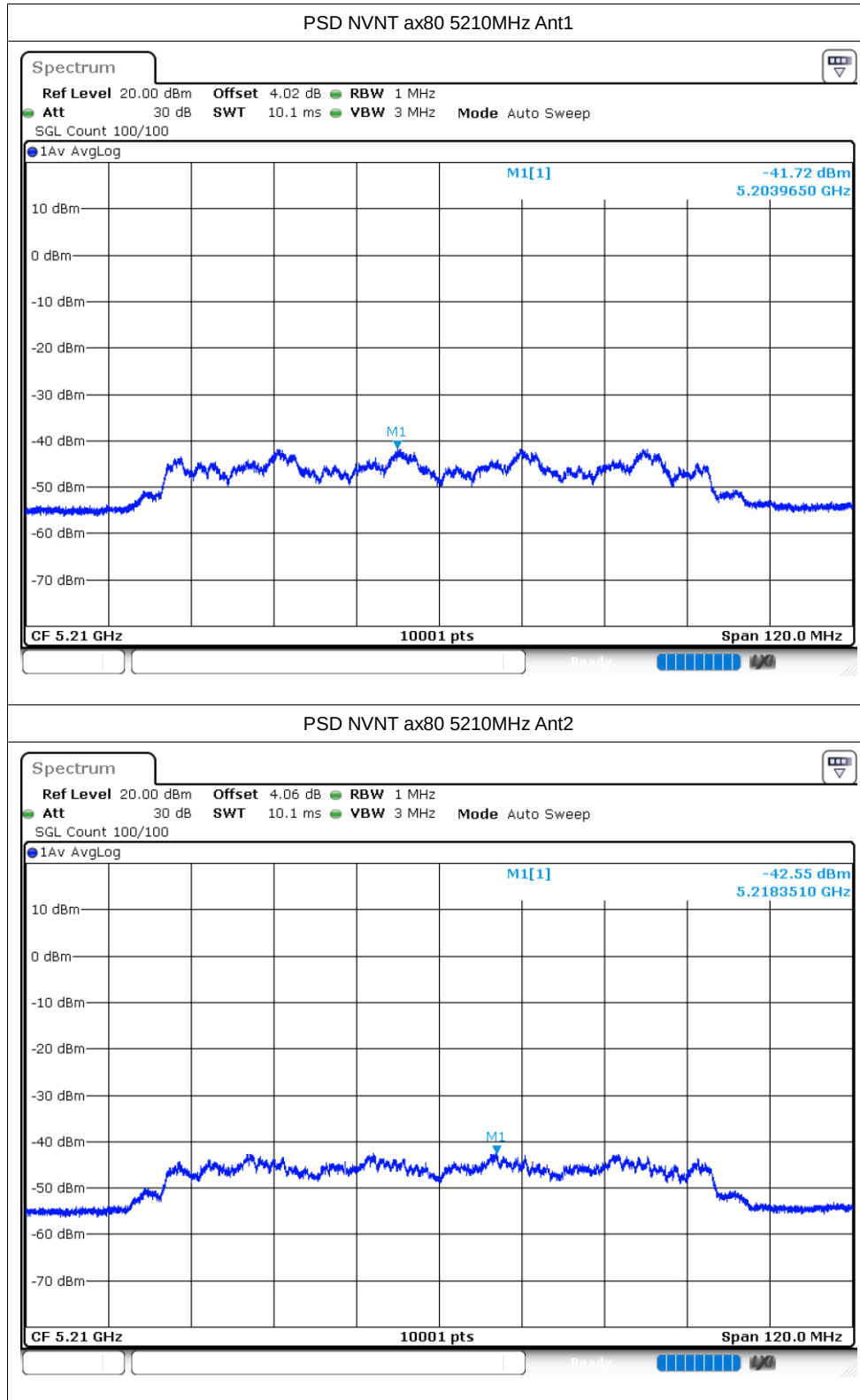












5.2G WIFI MIMO

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac160	5250	Sum	13.17	8.8	5.56
NVNT	ac20	5180	Sum	51.29	2.9	0.78
NVNT	ac20	5200	Sum	51.15	2.91	0.78
NVNT	ac20	5240	Sum	51.09	2.92	0.78
NVNT	ac40	5190	Sum	34.22	4.66	1.59
NVNT	ac40	5230	Sum	34.26	4.65	1.56
NVNT	ac80	5210	Sum	20.66	6.85	3.23
NVNT	ax160	5250	Sum	14.56	8.37	5
NVNT	ax20	5180	Sum	48.62	3.13	0.85
NVNT	ax20	5200	Sum	48.81	3.12	0.86
NVNT	ax20	5240	Sum	48.34	3.16	0.85
NVNT	ax40	5190	Sum	33.8	4.71	1.61
NVNT	ax40	5230	Sum	33.73	4.72	1.61
NVNT	ax80	5210	Sum	21.63	6.65	3.03
NVNT	n20	5180	Sum	52.76	2.78	0.74
NVNT	n20	5200	Sum	52.69	2.78	0.74
NVNT	n20	5240	Sum	52.76	2.78	0.74
NVNT	n40	5190	Sum	34.06	4.68	1.59
NVNT	n40	5230	Sum	34	4.69	1.59

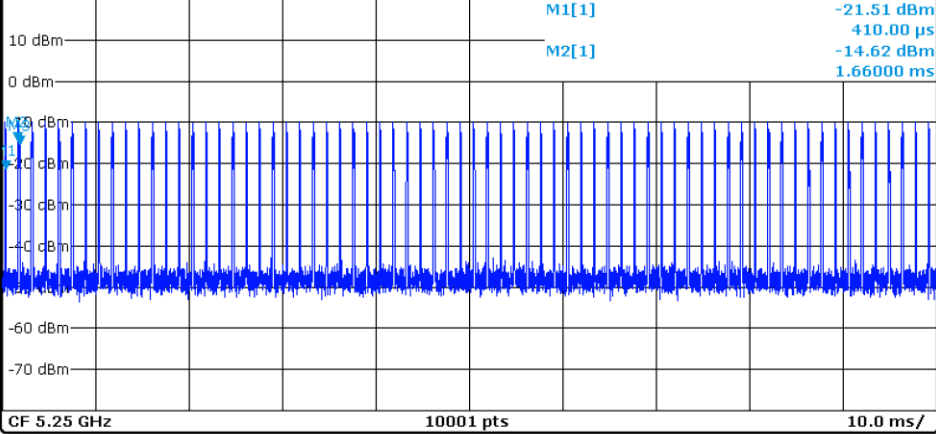
Test Graphs

Duty Cycle NVNT ac160 5250MHz Sum

Spectrum

Ref Level 20.00 dBm Offset 4.05 dB RBW 1 MHz
Att 30 dB SWT 100 ms VBW 3 MHz
SGL

1Pk Clrw



Marker

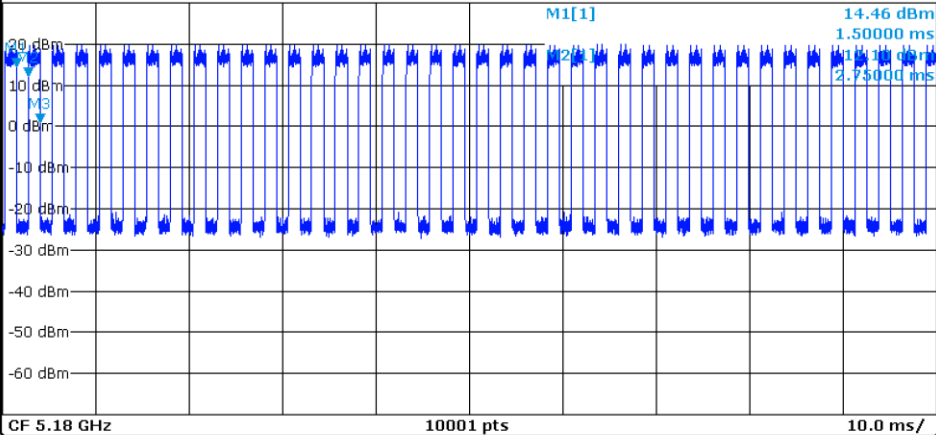
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		410.0 μ s	-21.51 dBm		
M2	1		1.66 ms	-14.62 dBm		
M3	1		1.84 ms	-15.21 dBm		

Duty Cycle NVNT ac20 5180MHz Sum

Spectrum

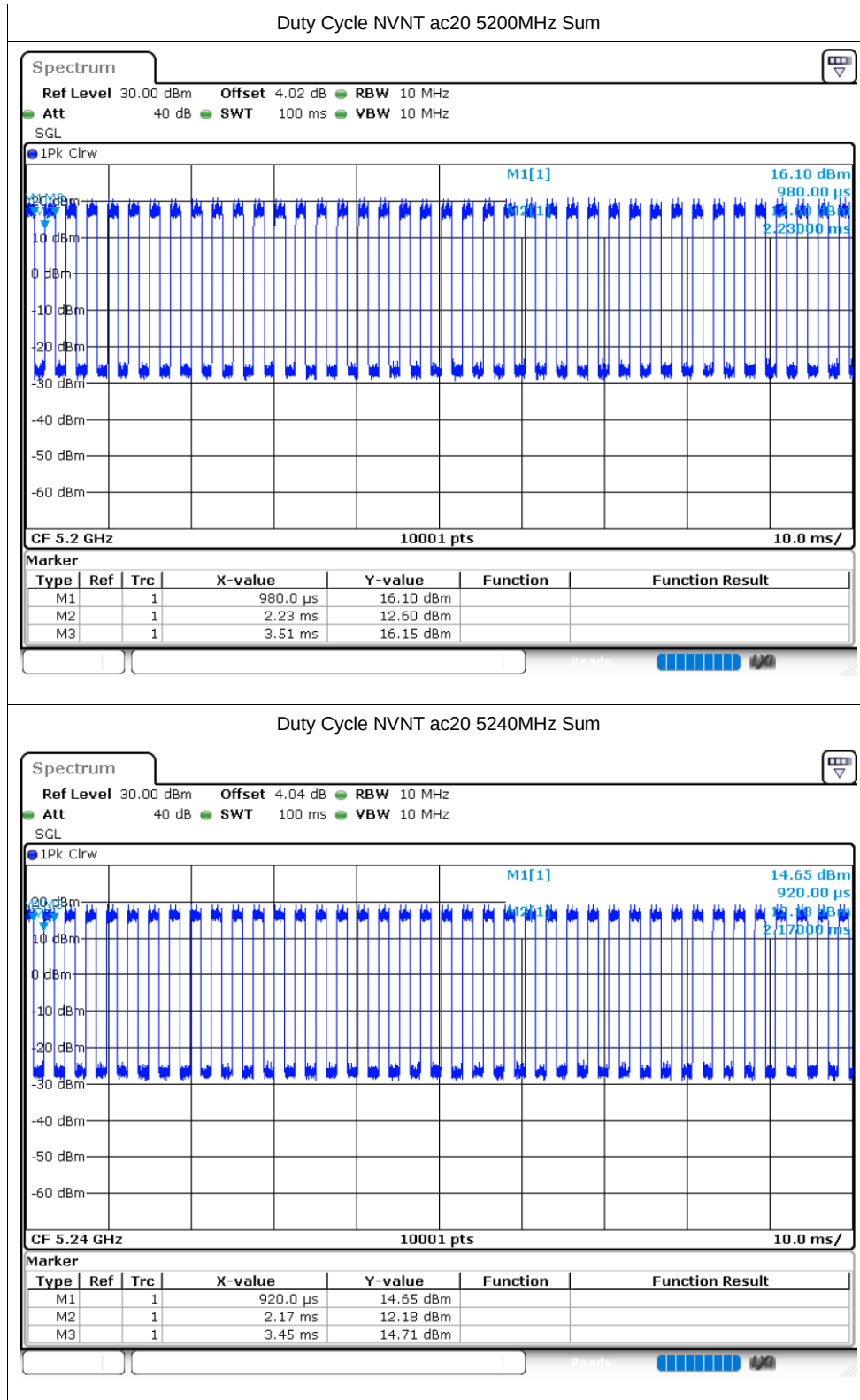
Ref Level 30.00 dBm Offset 3.96 dB RBW 10 MHz
Att 40 dB SWT 100 ms VBW 10 MHz
SGL

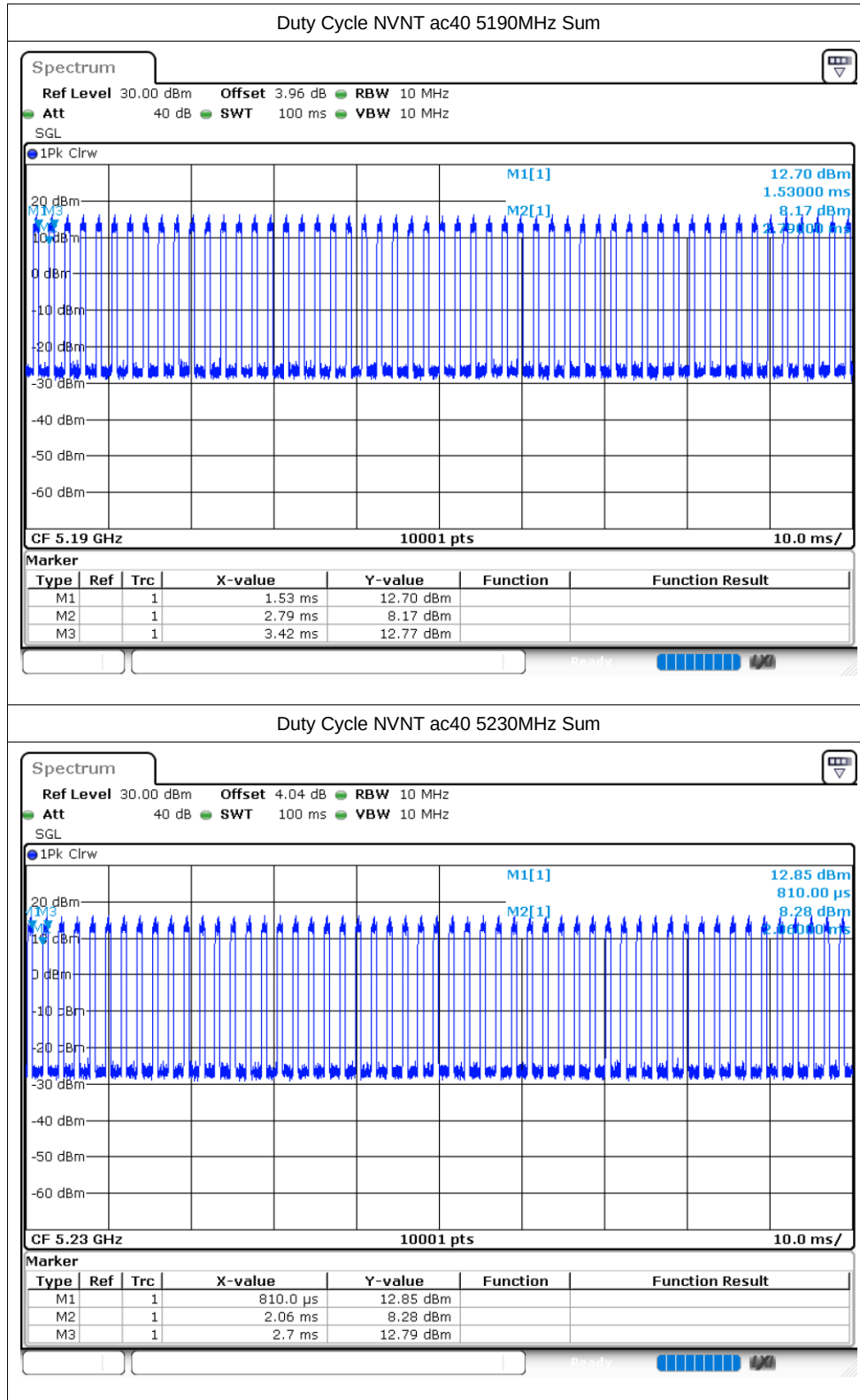
1Pk Clrw

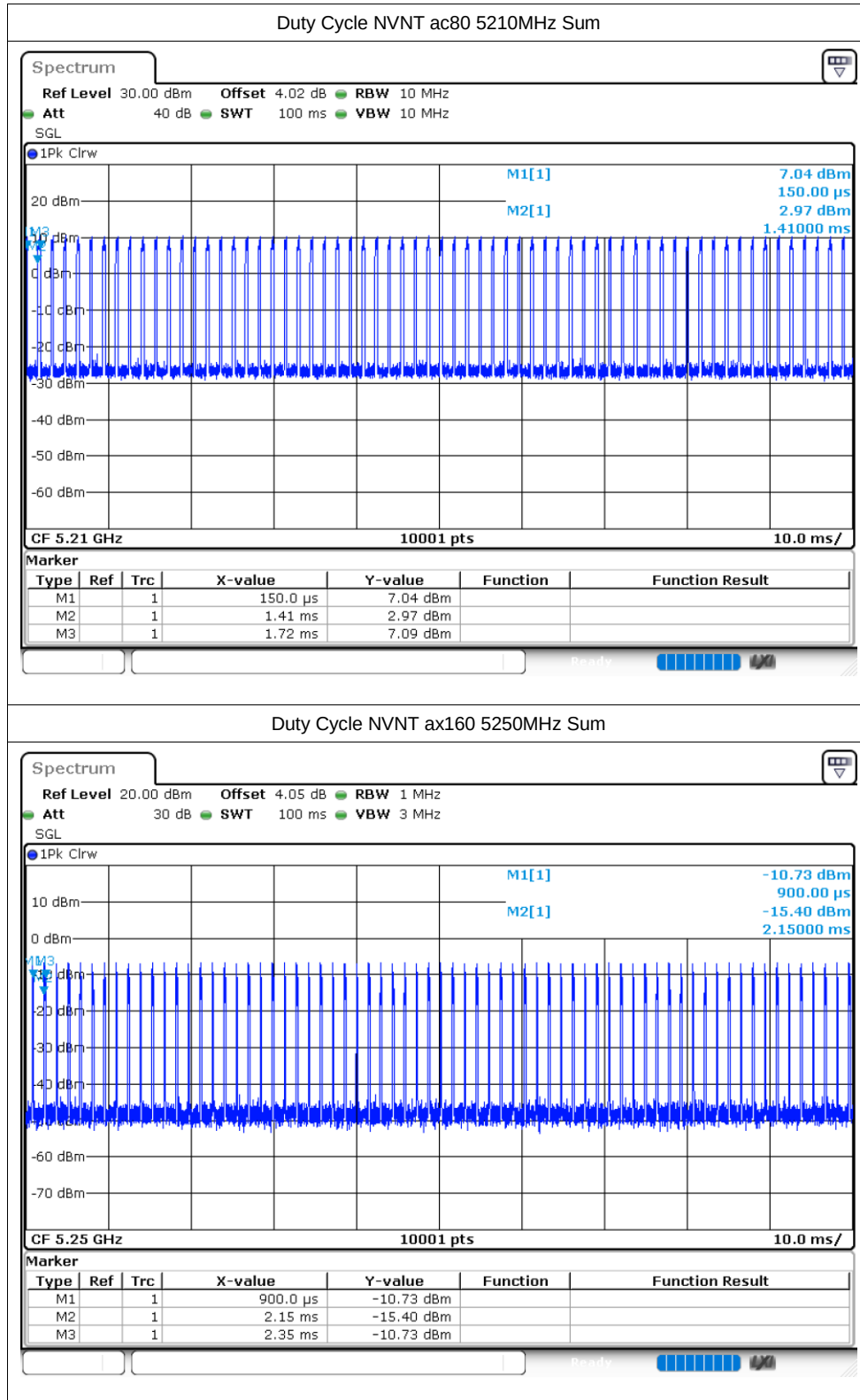


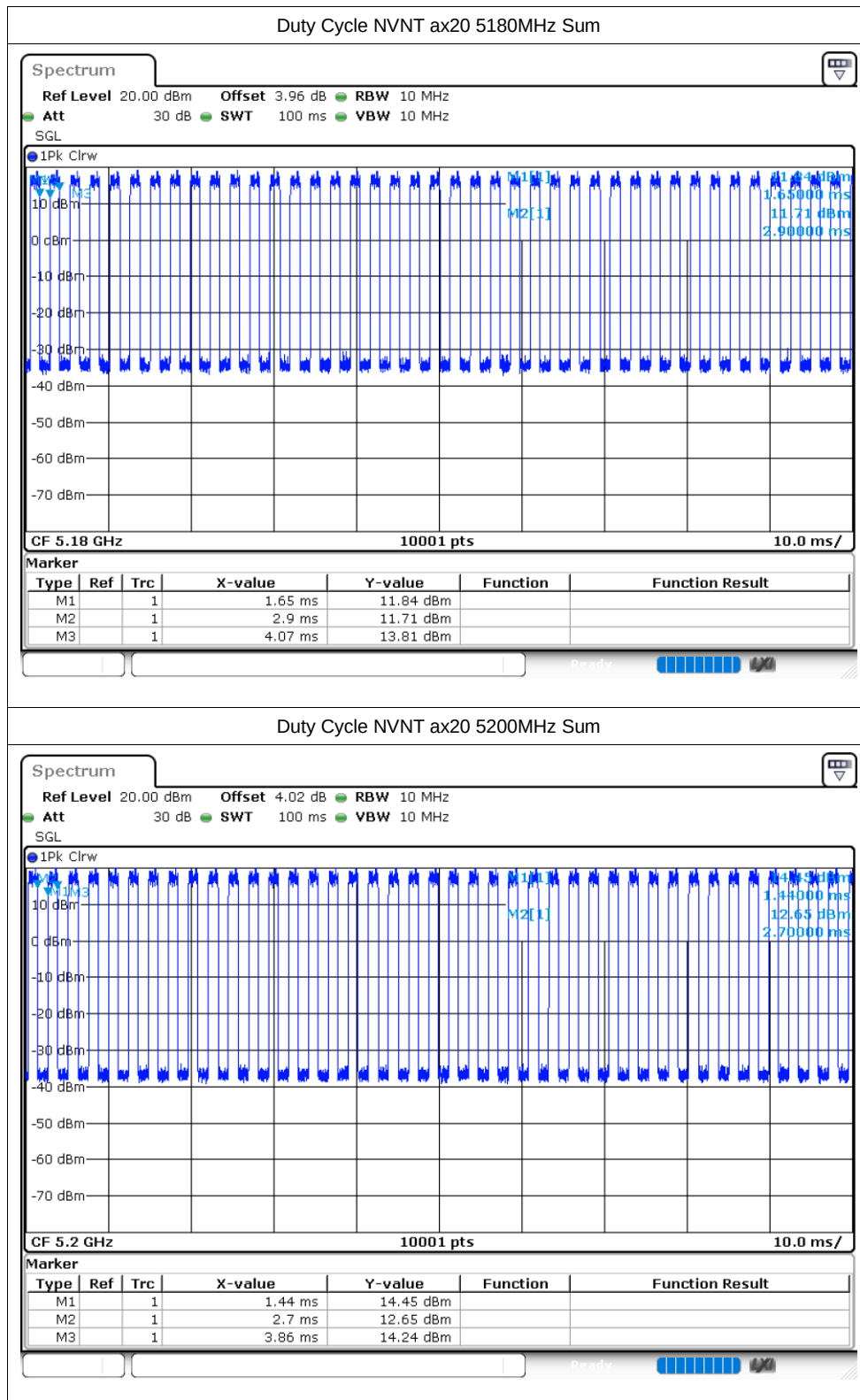
Marker

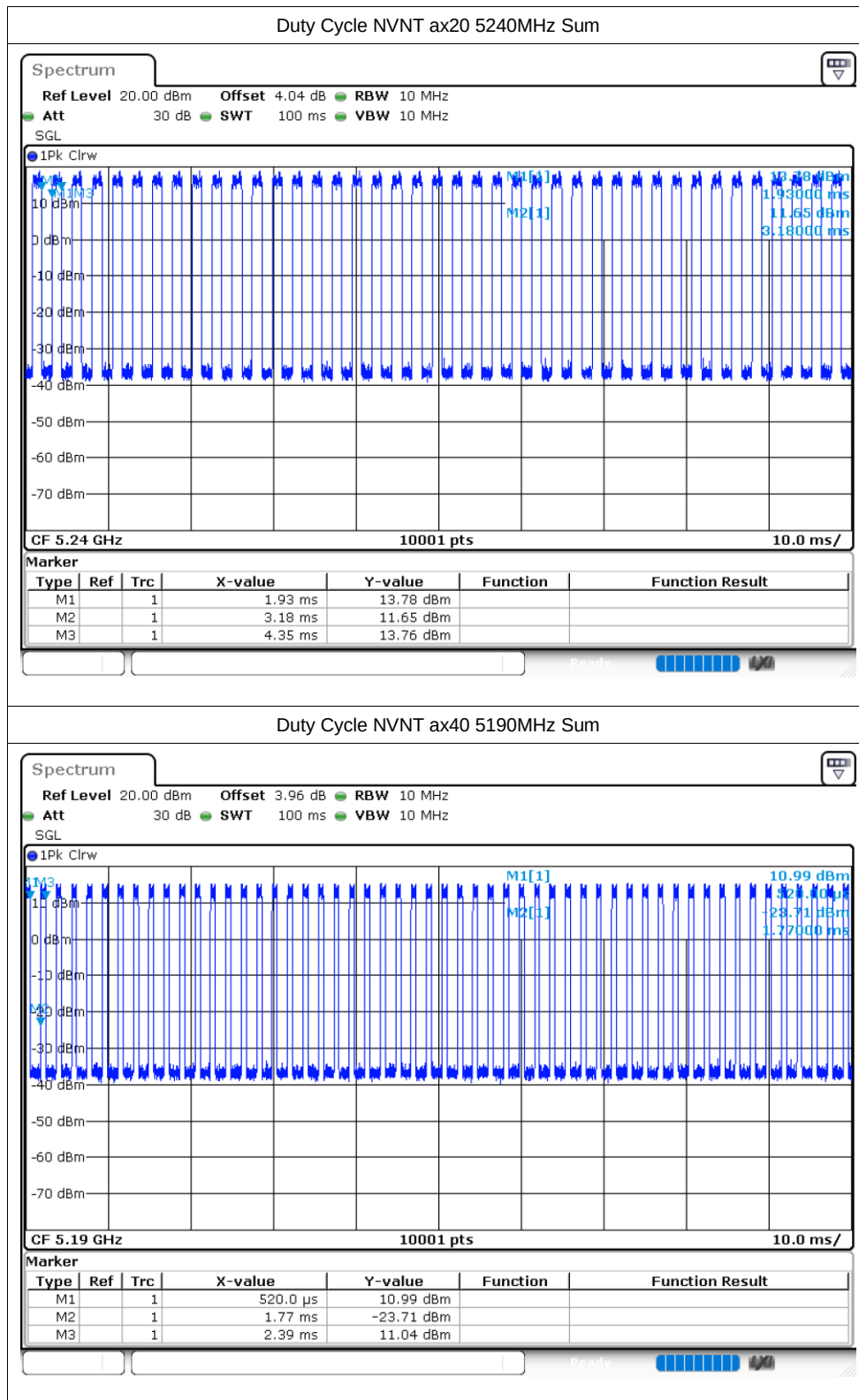
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.5 ms	14.46 dBm		
M2	1		2.75 ms	12.10 dBm		
M3	1		4.03 ms	0.89 dBm		



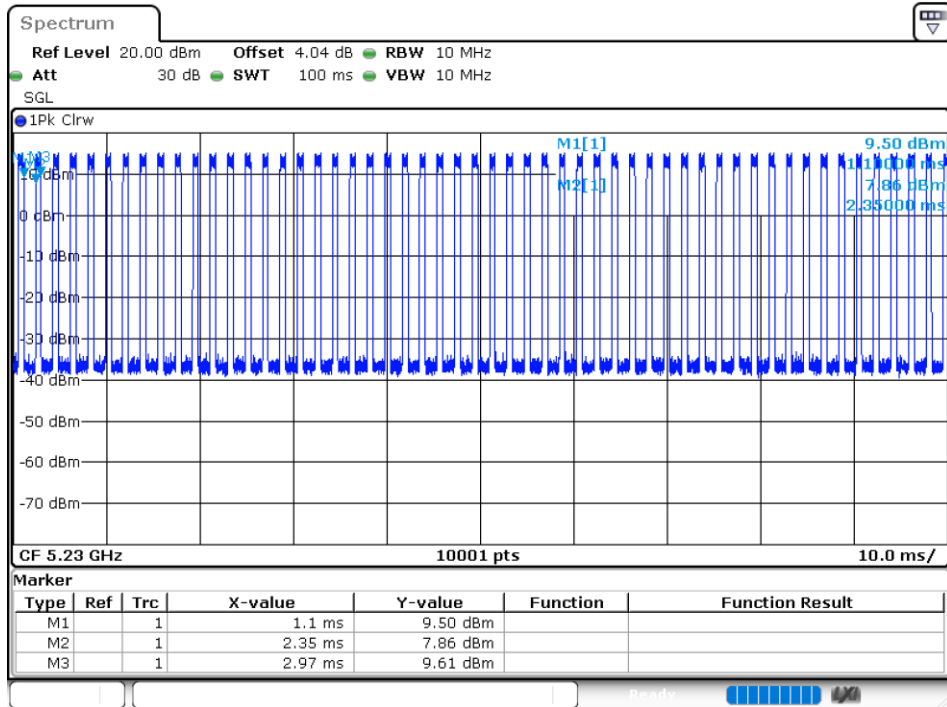




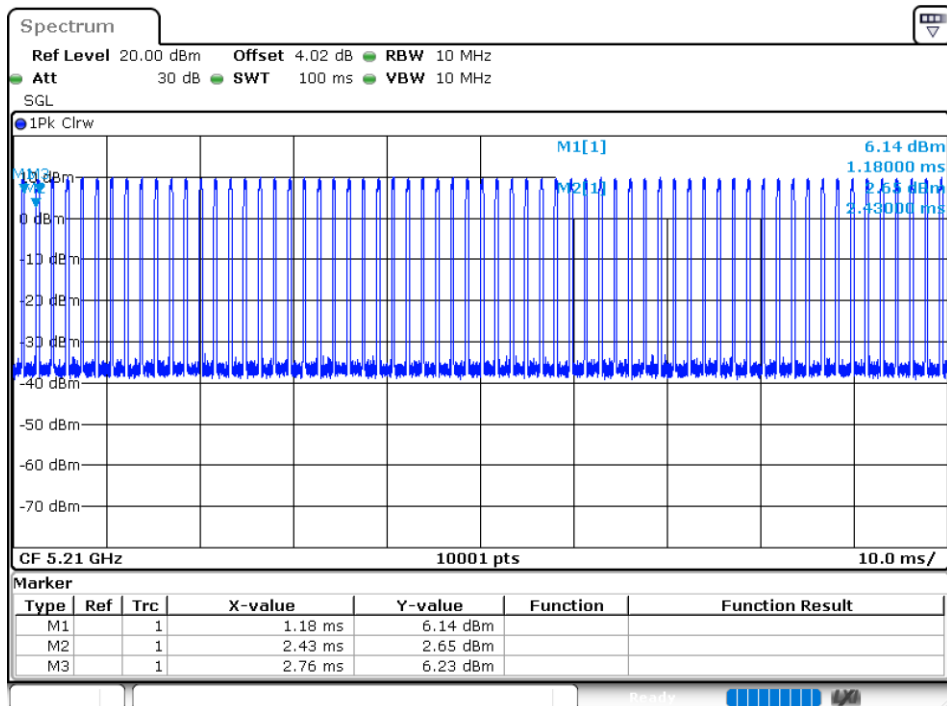


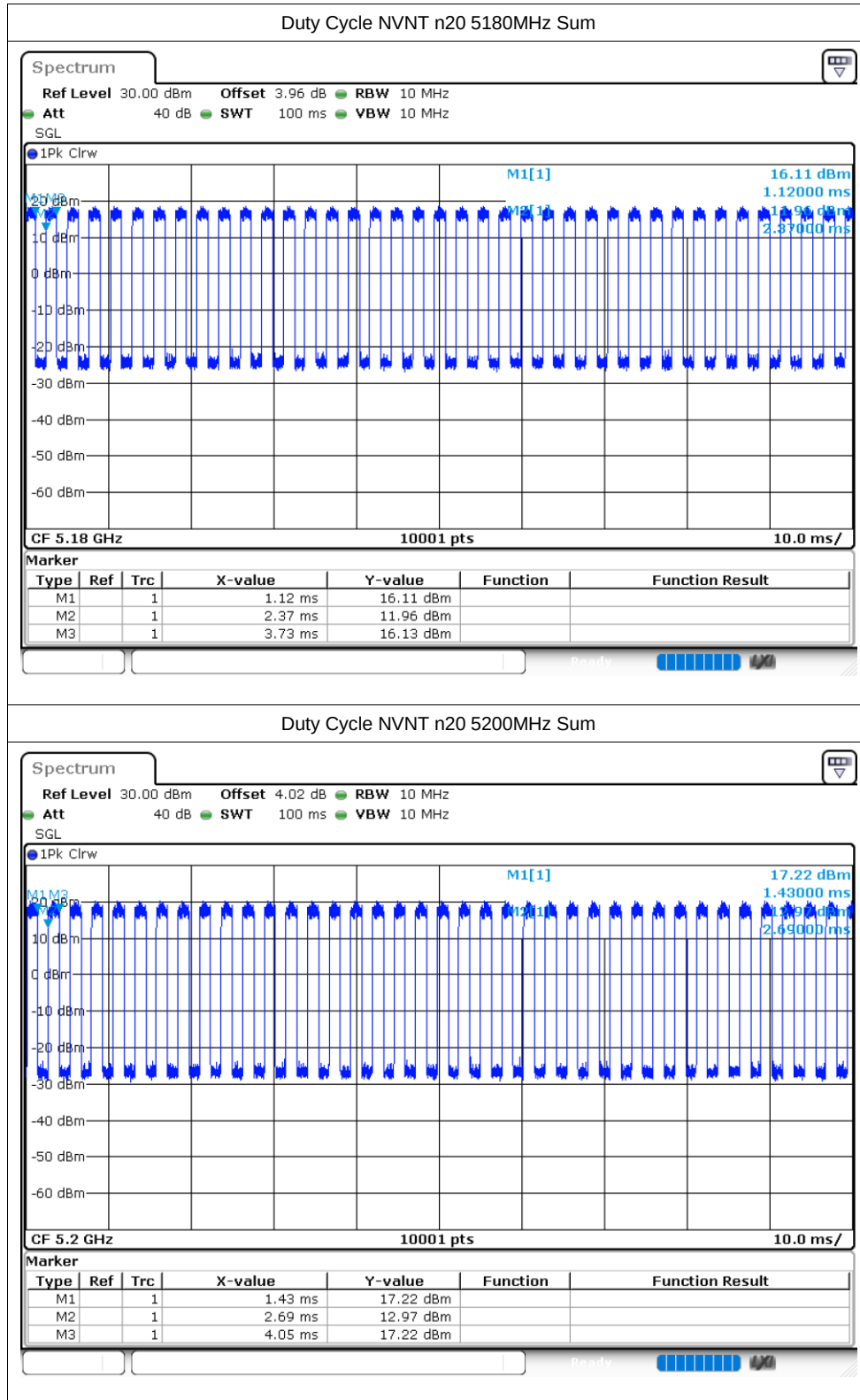


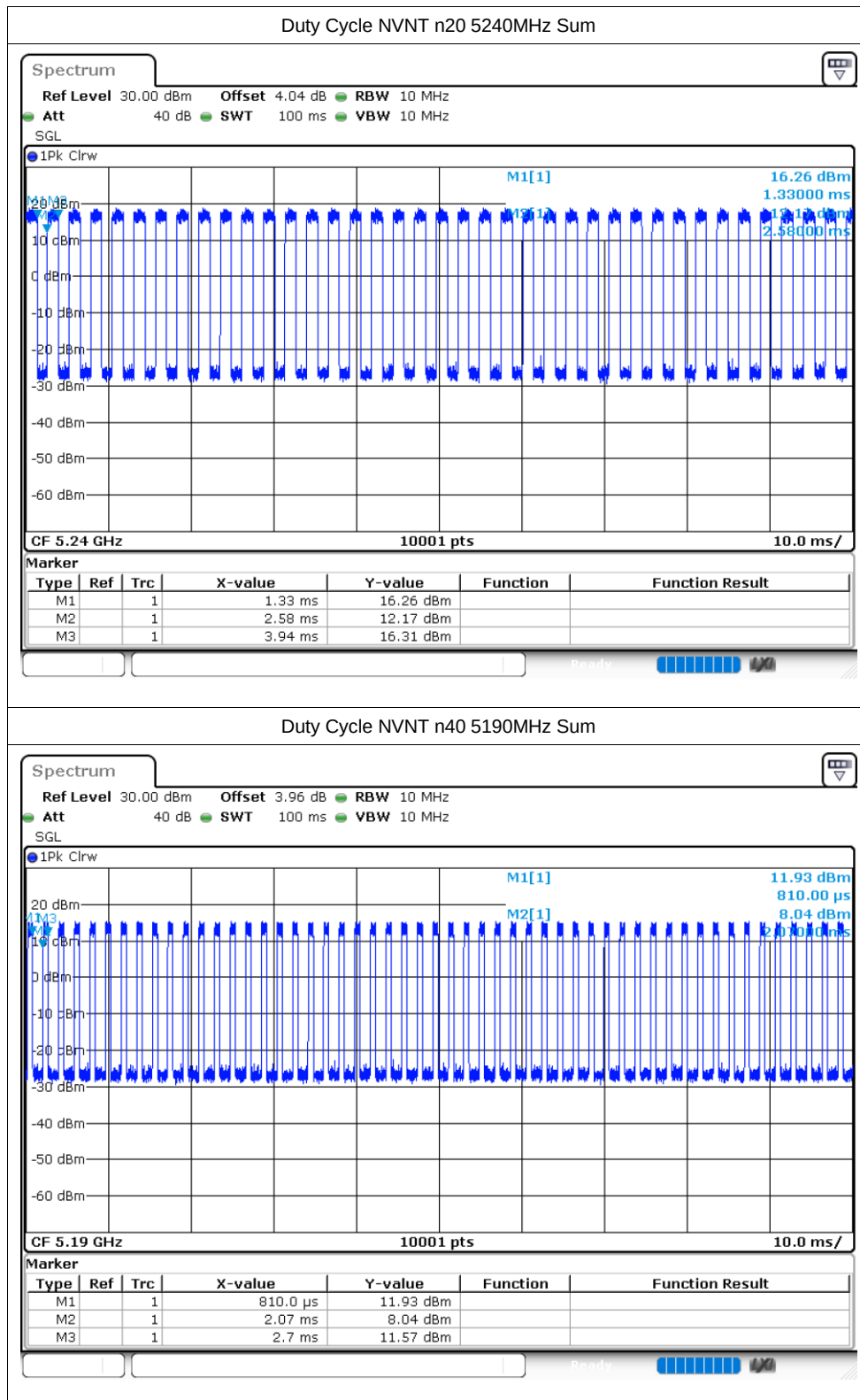
Duty Cycle NVNT ax40 5230MHz Sum

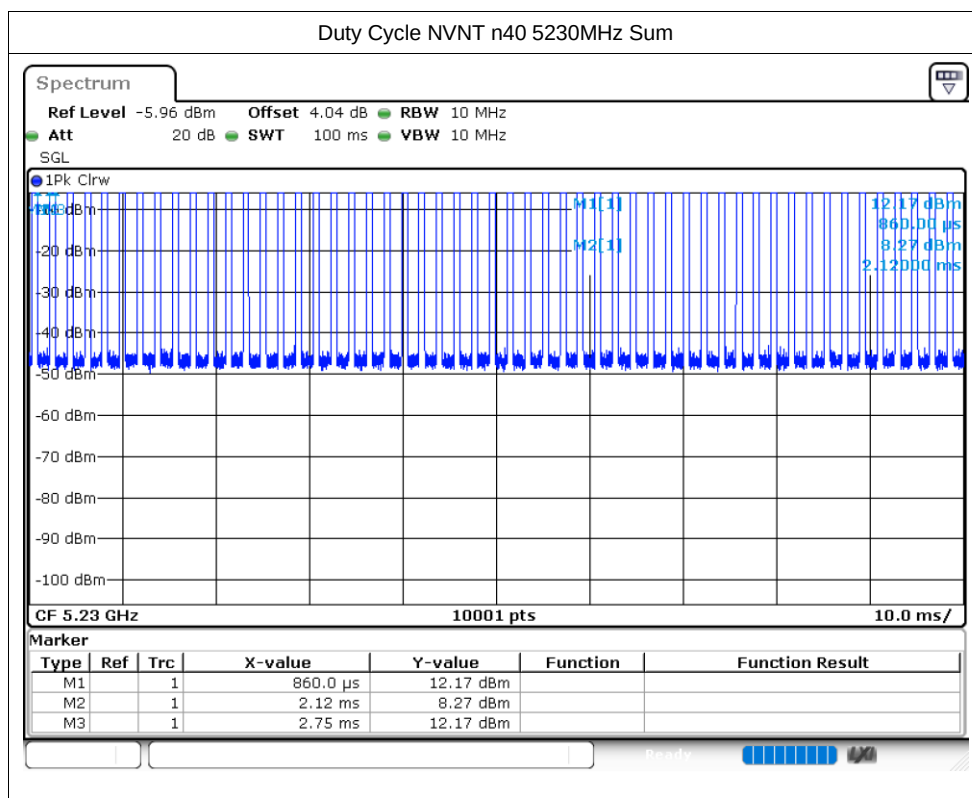


Duty Cycle NVNT ax80 5210MHz Sum









Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac160	5250	Ant1	12.31	23.94	Pass
NVNT	ac160	5250	Ant2	11.56	23.94	Pass
NVNT	ac160	5250	Sum	14.96	23.94	Pass
NVNT	ac20	5180	Ant1	12.59	23.94	Pass
NVNT	ac20	5180	Ant2	12.18	23.94	Pass
NVNT	ac20	5180	Sum	15.4	23.94	Pass
NVNT	ac20	5200	Ant1	12.69	23.94	Pass
NVNT	ac20	5200	Ant2	12.15	23.94	Pass
NVNT	ac20	5200	Sum	15.44	23.94	Pass
NVNT	ac20	5240	Ant1	12.5	23.94	Pass
NVNT	ac20	5240	Ant2	11.82	23.94	Pass
NVNT	ac20	5240	Sum	15.18	23.94	Pass
NVNT	ac40	5190	Ant1	12.56	23.94	Pass
NVNT	ac40	5190	Ant2	12.31	23.94	Pass
NVNT	ac40	5190	Sum	15.45	23.94	Pass
NVNT	ac40	5230	Ant1	12.3	23.94	Pass
NVNT	ac40	5230	Ant2	11.82	23.94	Pass
NVNT	ac40	5230	Sum	15.08	23.94	Pass
NVNT	ac80	5210	Ant1	12.28	23.94	Pass
NVNT	ac80	5210	Ant2	12.08	23.94	Pass
NVNT	ac80	5210	Sum	15.19	23.94	Pass
NVNT	ax160	5250	Ant1	12.33	23.94	Pass
NVNT	ax160	5250	Ant2	11.57	23.94	Pass
NVNT	ax160	5250	Sum	14.98	23.94	Pass
NVNT	ax20	5180	Ant1	12.64	23.94	Pass
NVNT	ax20	5180	Ant2	12.2	23.94	Pass
NVNT	ax20	5180	Sum	15.44	23.94	Pass
NVNT	ax20	5200	Ant1	12.74	23.94	Pass
NVNT	ax20	5200	Ant2	12.36	23.94	Pass
NVNT	ax20	5200	Sum	15.56	23.94	Pass
NVNT	ax20	5240	Ant1	12.42	23.94	Pass
NVNT	ax20	5240	Ant2	11.89	23.94	Pass
NVNT	ax20	5240	Sum	15.17	23.94	Pass
NVNT	ax40	5190	Ant1	12.83	23.94	Pass
NVNT	ax40	5190	Ant2	12.32	23.94	Pass
NVNT	ax40	5190	Sum	15.59	23.94	Pass
NVNT	ax40	5230	Ant1	12.37	23.94	Pass
NVNT	ax40	5230	Ant2	11.93	23.94	Pass
NVNT	ax40	5230	Sum	15.17	23.94	Pass
NVNT	ax80	5210	Ant1	12.43	23.94	Pass

NVNT	ax80	5210	Ant2	12.19	23.94	Pass
NVNT	ax80	5210	Sum	15.32	23.94	Pass
NVNT	n20	5180	Ant1	-44.74	23.94	Pass
NVNT	n20	5180	Ant2	-40.14	23.94	Pass
NVNT	n20	5180	Sum	-38.85	23.94	Pass
NVNT	n20	5200	Ant1	12.75	23.94	Pass
NVNT	n20	5200	Ant2	12.22	23.94	Pass
NVNT	n20	5200	Sum	15.5	23.94	Pass
NVNT	n20	5240	Ant1	12.31	23.94	Pass
NVNT	n20	5240	Ant2	11.82	23.94	Pass
NVNT	n20	5240	Sum	15.08	23.94	Pass
NVNT	n40	5190	Ant1	12.62	23.94	Pass
NVNT	n40	5190	Ant2	12.12	23.94	Pass
NVNT	n40	5190	Sum	15.39	23.94	Pass
NVNT	n40	5230	Ant1	12.15	23.94	Pass
NVNT	n40	5230	Ant2	11.78	23.94	Pass
NVNT	n40	5230	Sum	14.98	23.94	Pass

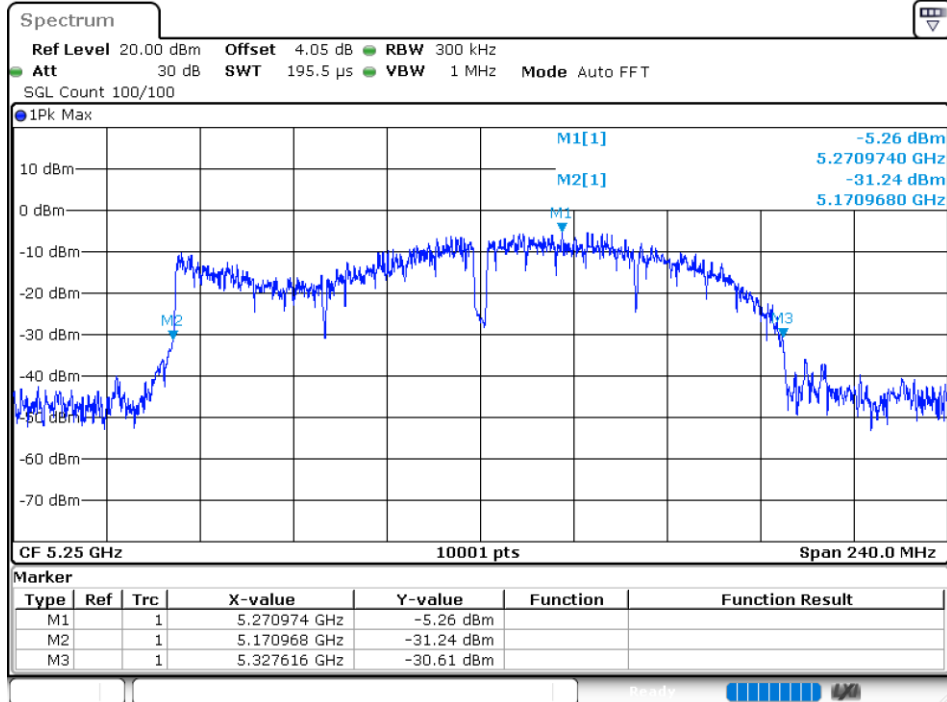
Note: The Duty Cycle factor has already been included.

-26dB Bandwidth

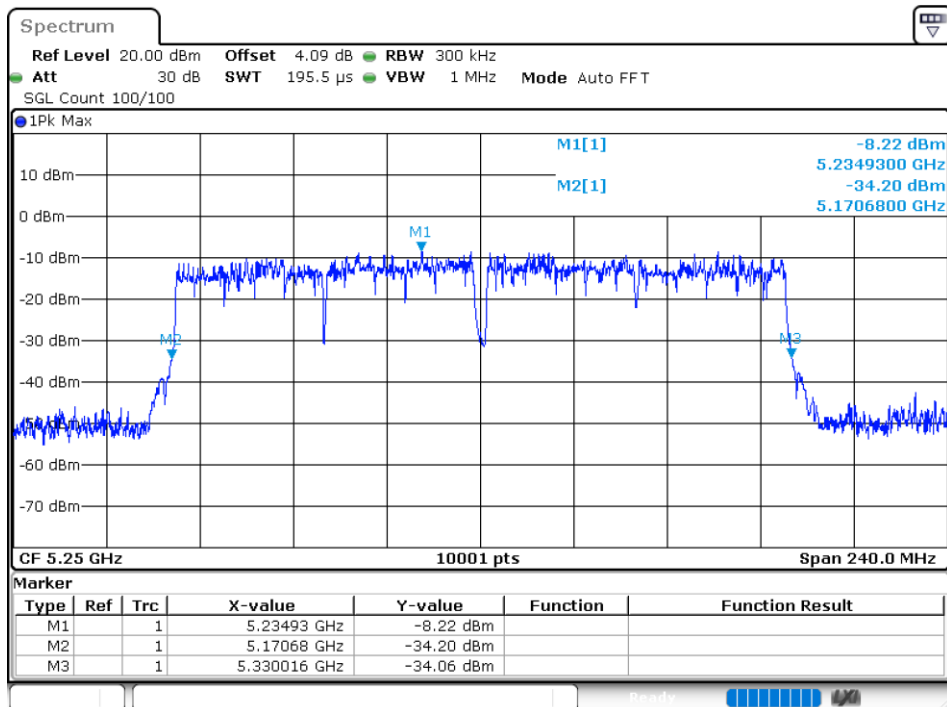
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	ac160	5250	Ant1	156.648
NVNT	ac160	5250	Ant2	159.336
NVNT	ac20	5180	Ant1	22.896
NVNT	ac20	5180	Ant2	21.636
NVNT	ac20	5200	Ant1	23.958
NVNT	ac20	5200	Ant2	22.014
NVNT	ac20	5240	Ant1	22.311
NVNT	ac20	5240	Ant2	22.677
NVNT	ac40	5190	Ant1	44.568
NVNT	ac40	5190	Ant2	44.742
NVNT	ac40	5230	Ant1	44.214
NVNT	ac40	5230	Ant2	44.226
NVNT	ac80	5210	Ant1	86.136
NVNT	ac80	5210	Ant2	86.148
NVNT	ax160	5250	Ant1	156.384
NVNT	ax160	5250	Ant2	158.928
NVNT	ax20	5180	Ant1	21.57
NVNT	ax20	5180	Ant2	22.971
NVNT	ax20	5200	Ant1	21.294
NVNT	ax20	5200	Ant2	21.633
NVNT	ax20	5240	Ant1	21.897
NVNT	ax20	5240	Ant2	21.495
NVNT	ax40	5190	Ant1	44.91
NVNT	ax40	5190	Ant2	44.604
NVNT	ax40	5230	Ant1	43.74
NVNT	ax40	5230	Ant2	44.16
NVNT	ax80	5210	Ant1	81.36
NVNT	ax80	5210	Ant2	80.4
NVNT	n20	5180	Ant1	22.224
NVNT	n20	5180	Ant2	20.358
NVNT	n20	5200	Ant1	23.232
NVNT	n20	5200	Ant2	21.507
NVNT	n20	5240	Ant1	22.128
NVNT	n20	5240	Ant2	20.526
NVNT	n40	5190	Ant1	45.048
NVNT	n40	5190	Ant2	44.628
NVNT	n40	5230	Ant1	44.394
NVNT	n40	5230	Ant2	44.586

Test Graphs

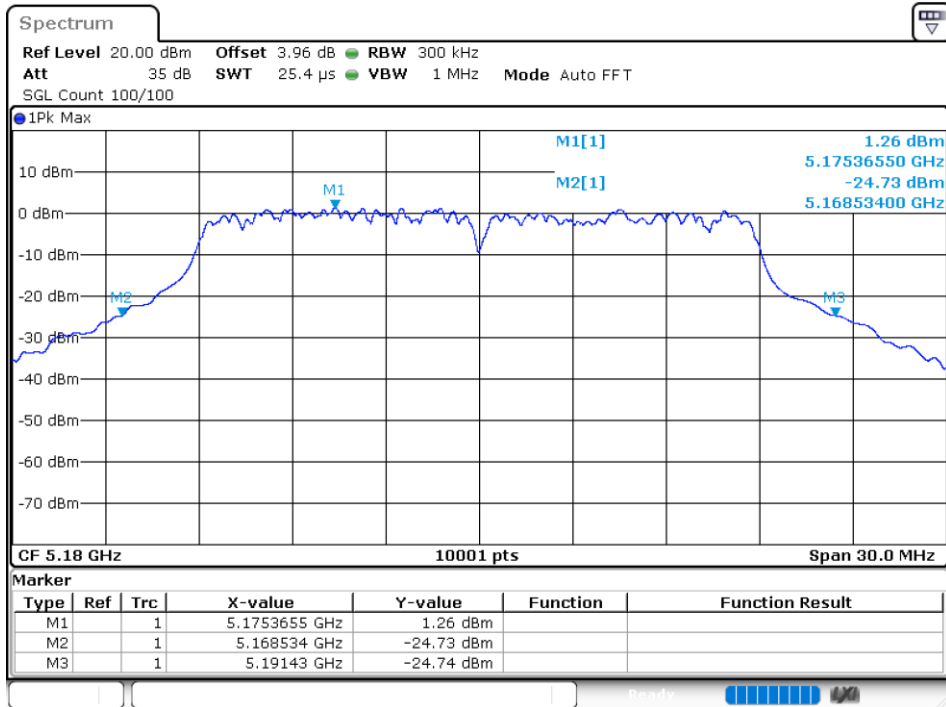
-26dB Bandwidth NVNT ac160 5250MHz Ant1



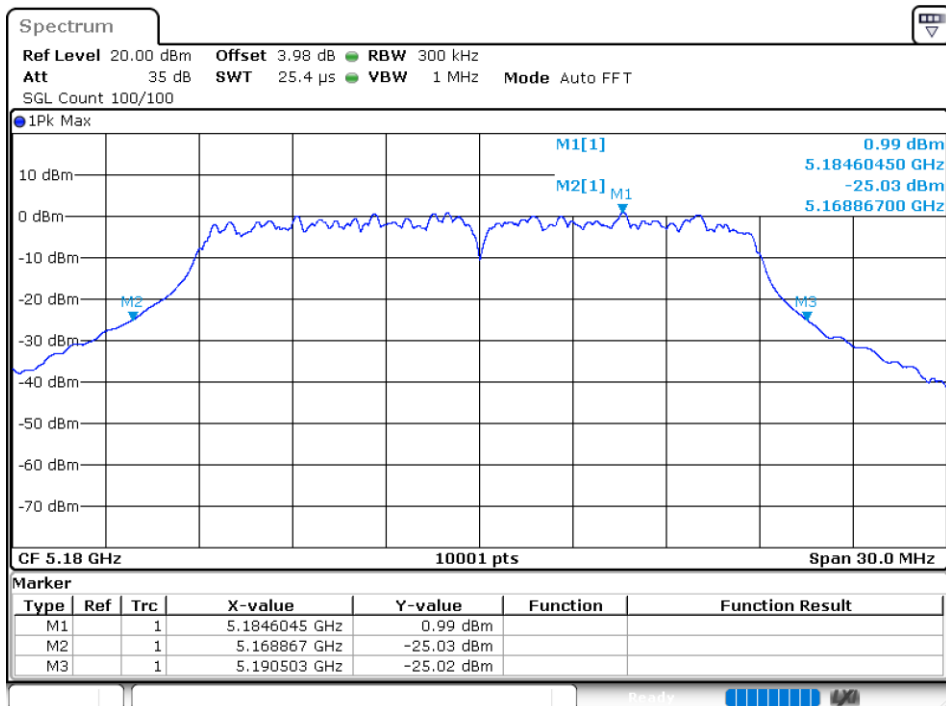
-26dB Bandwidth NVNT ac160 5250MHz Ant2

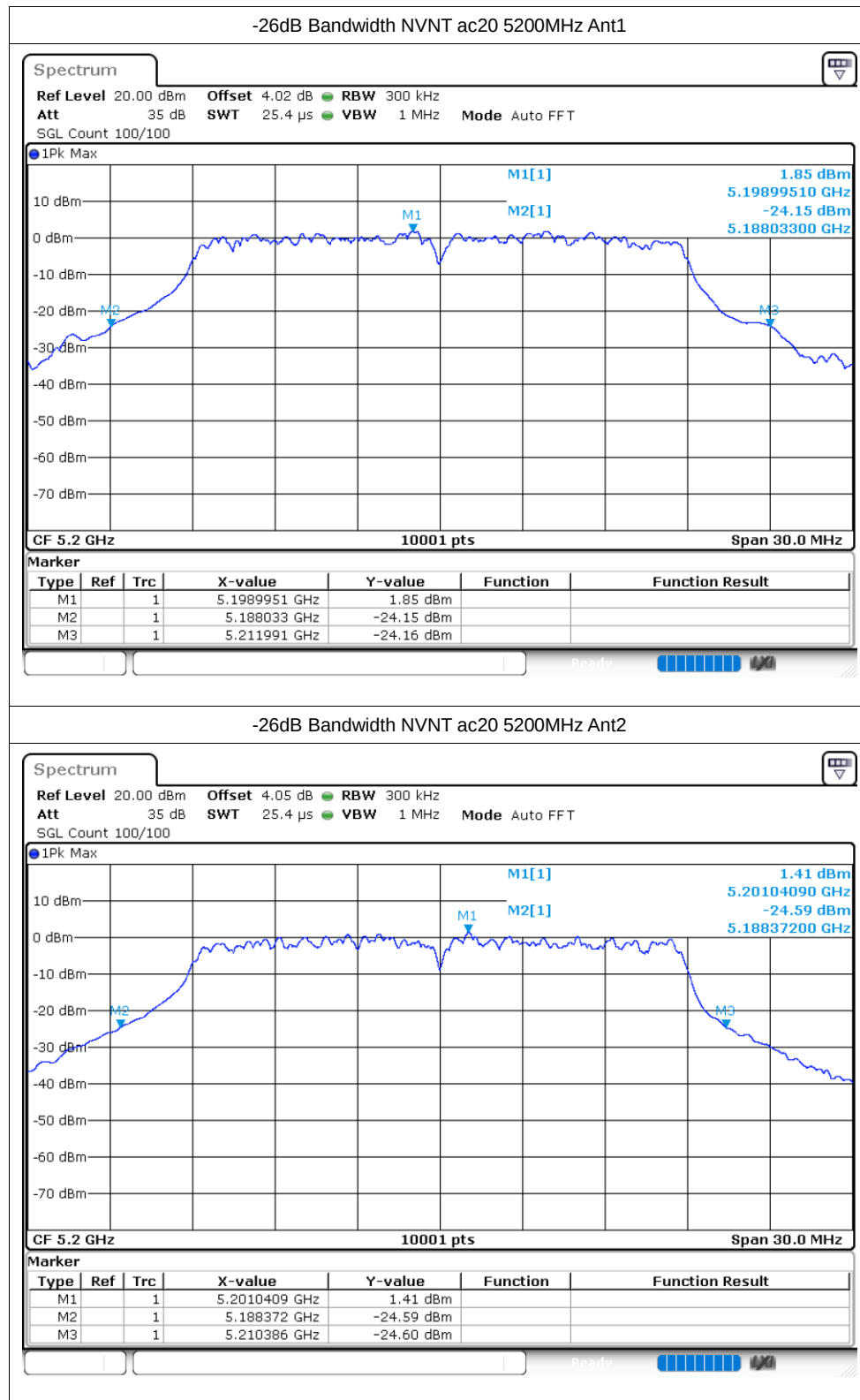


-26dB Bandwidth NVNT ac20 5180MHz Ant1

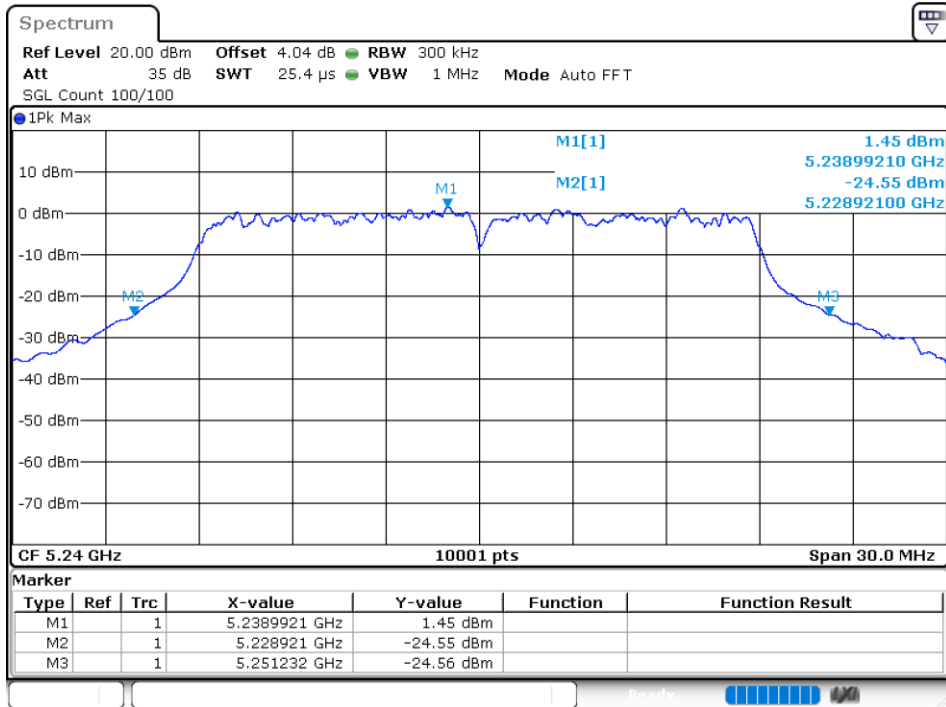


-26dB Bandwidth NVNT ac20 5180MHz Ant2

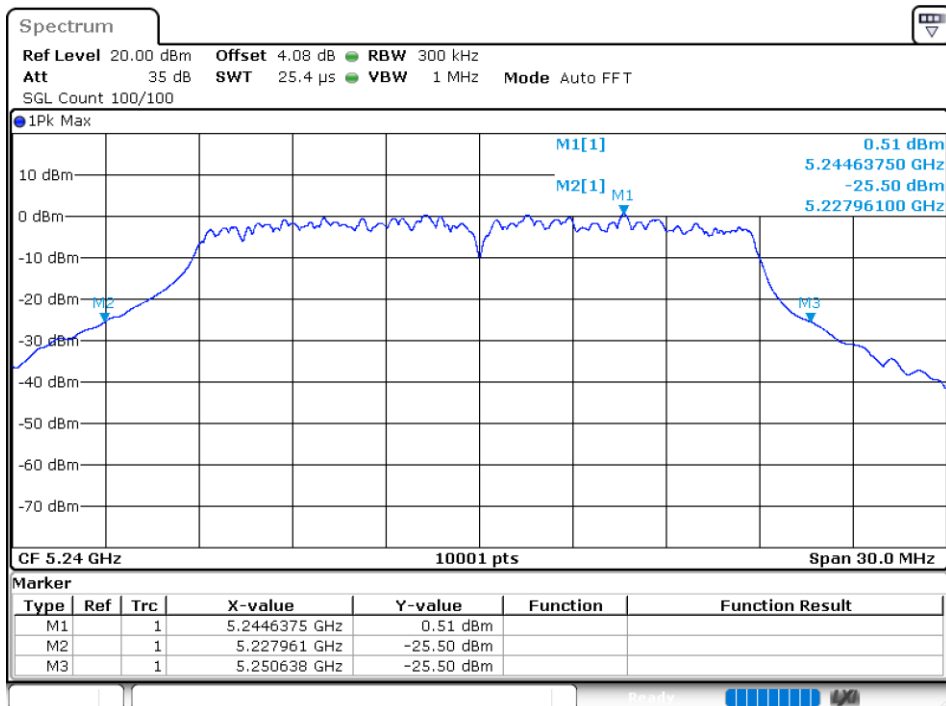




-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac20 5240MHz Ant2

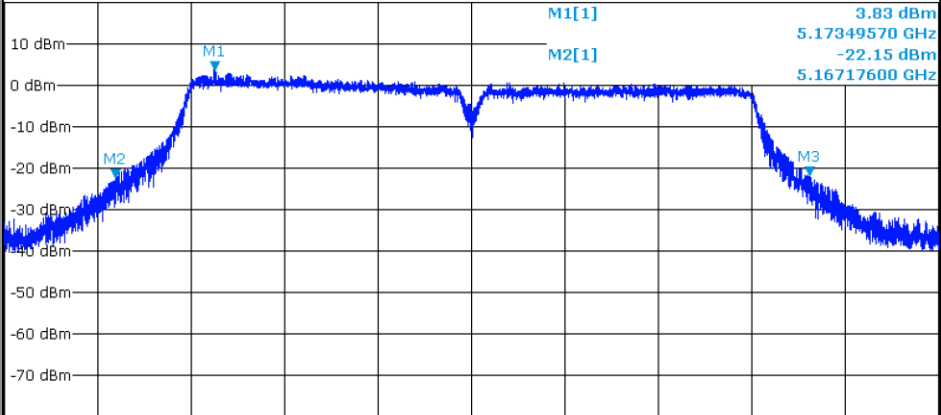


-26dB Bandwidth NVNT ac40 5190MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 3.96 dB RBW 500 kHz
Att 35 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

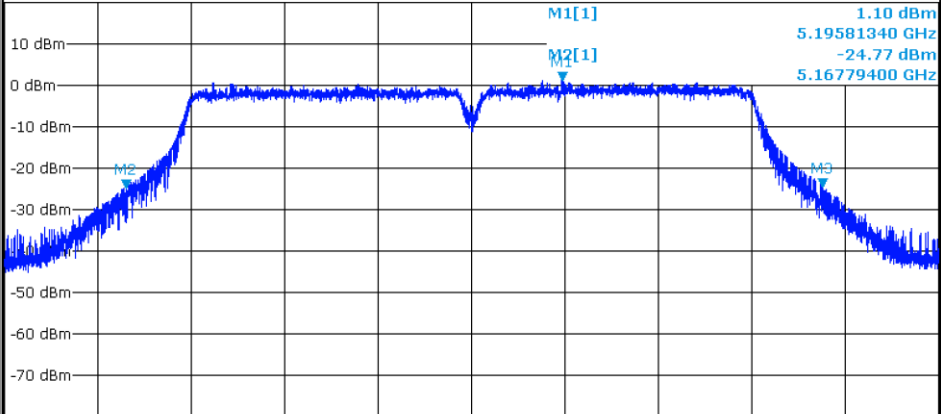
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1734957 GHz	3.83 dBm		
M2		1	5.167176 GHz	-22.15 dBm		
M3		1	5.211744 GHz	-21.83 dBm		

-26dB Bandwidth NVNT ac40 5190MHz Ant2

Spectrum

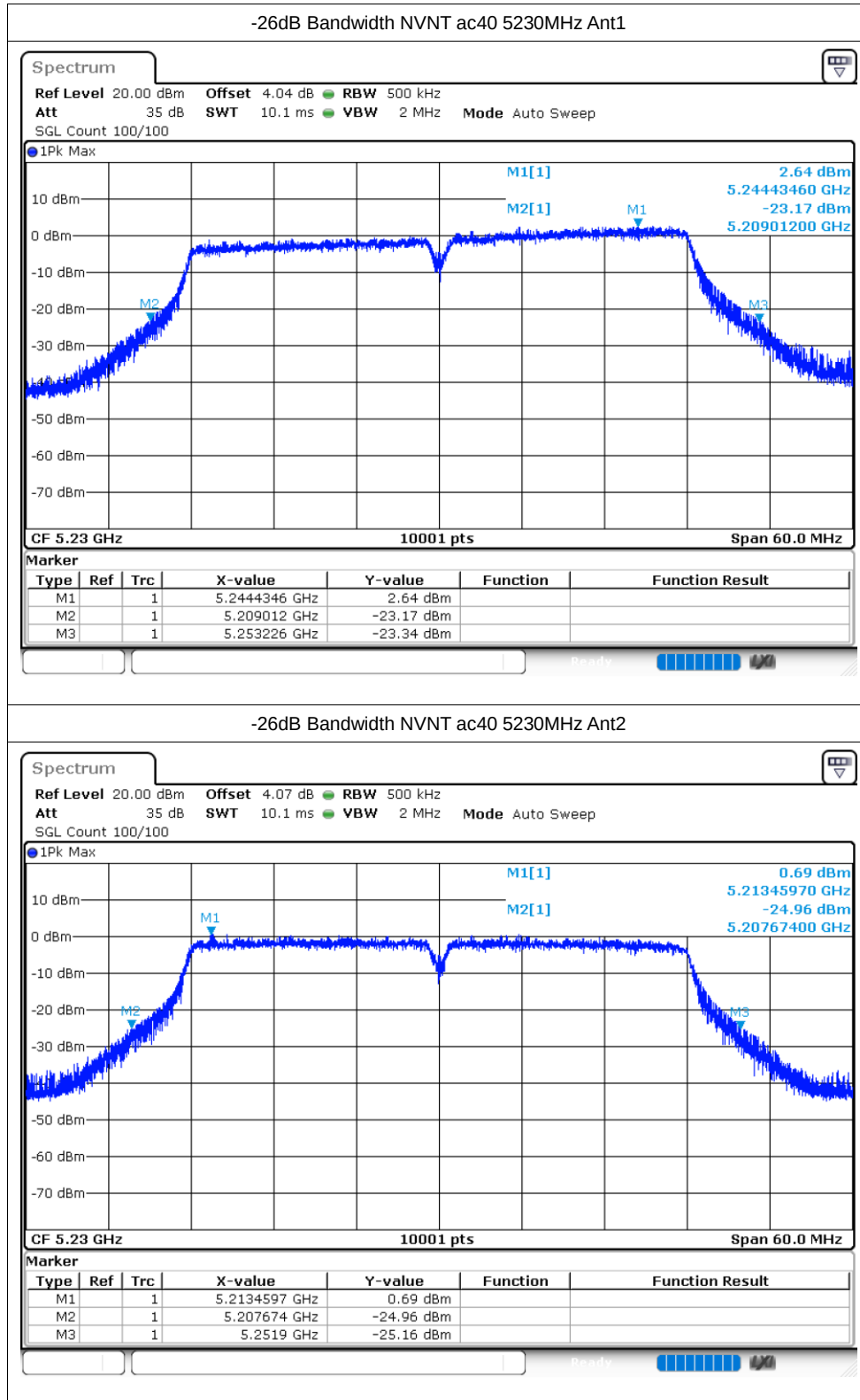
Ref Level 20.00 dBm Offset 3.99 dB RBW 500 kHz
Att 35 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

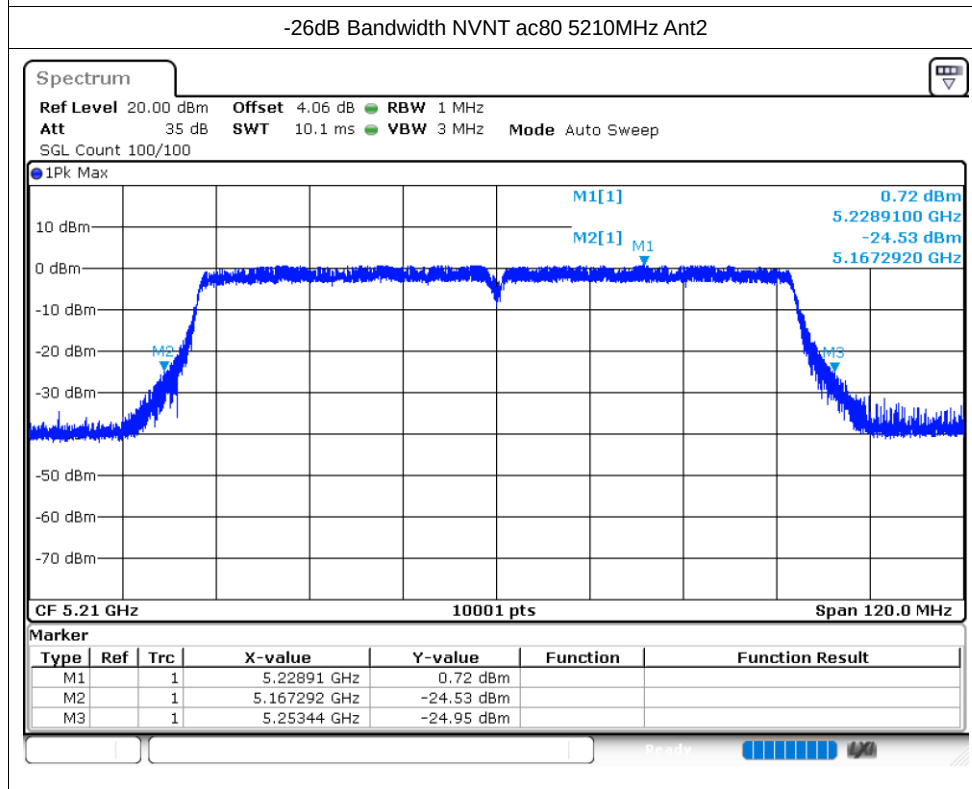
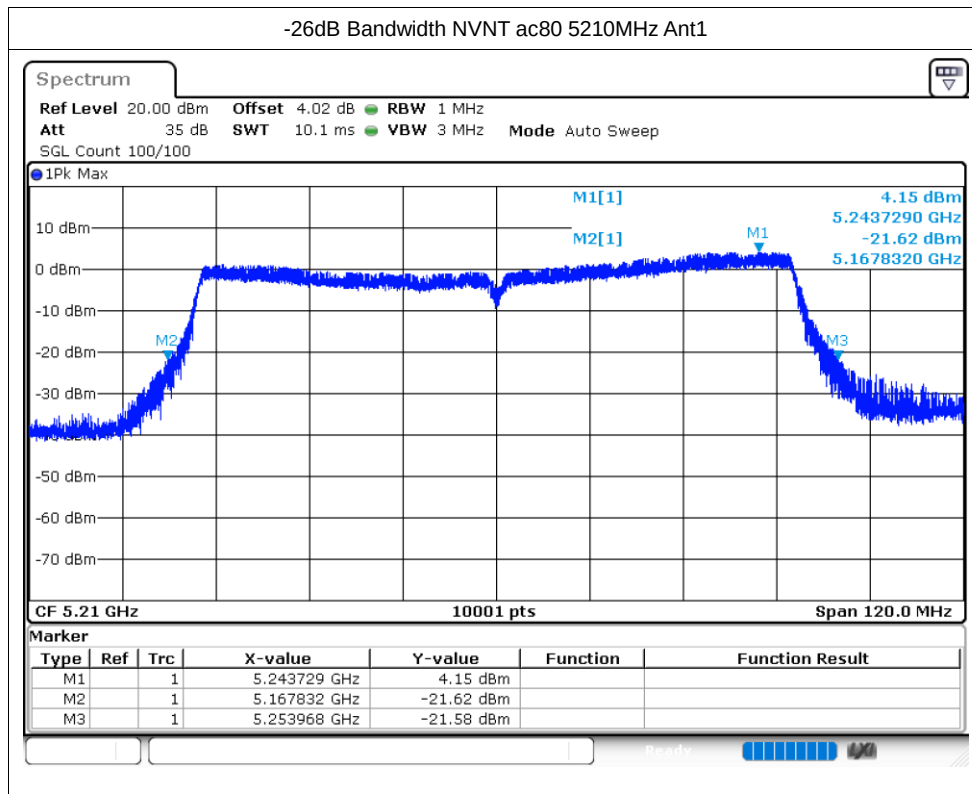
1Pk Max



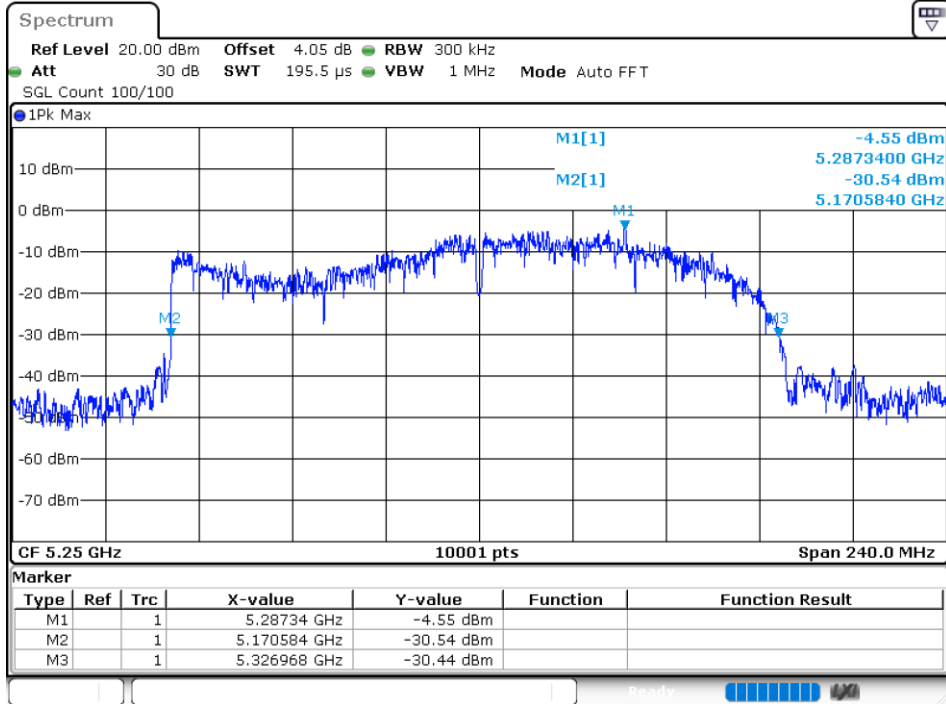
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1958134 GHz	1.10 dBm		
M2		1	5.167794 GHz	-24.77 dBm		
M3		1	5.212536 GHz	-24.66 dBm		

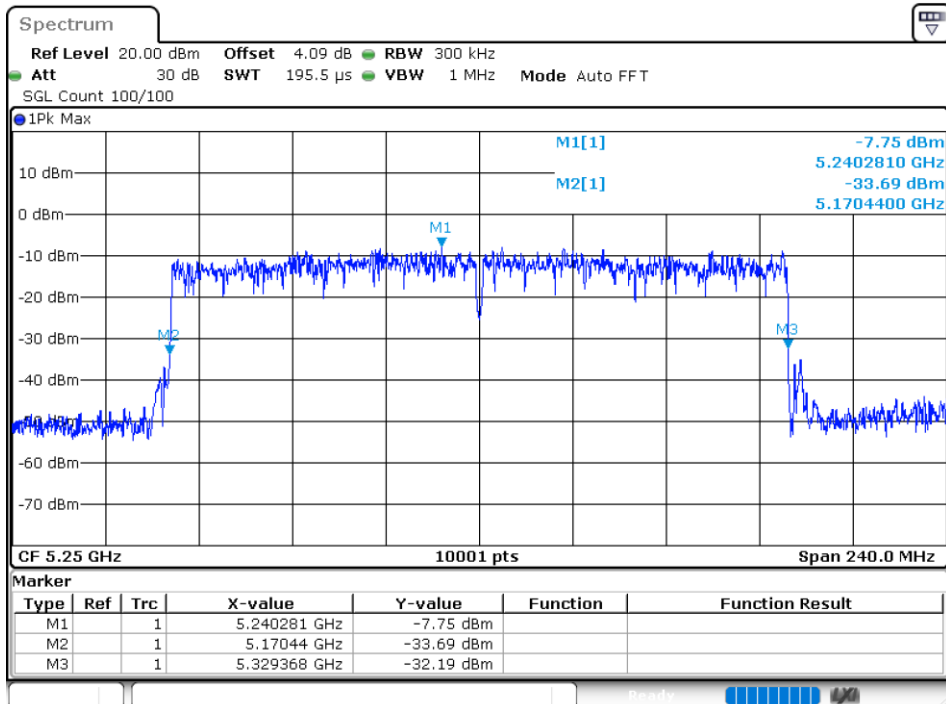




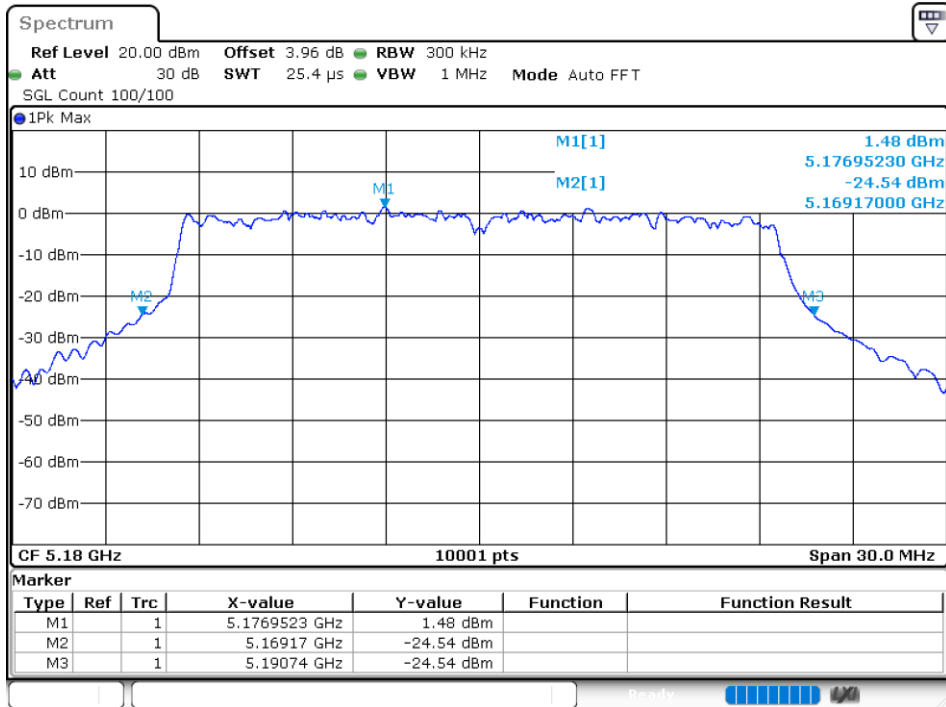
-26dB Bandwidth NVNT ax160 5250MHz Ant1



-26dB Bandwidth NVNT ax160 5250MHz Ant2



-26dB Bandwidth NVNT ax20 5180MHz Ant1



-26dB Bandwidth NVNT ax20 5180MHz Ant2

