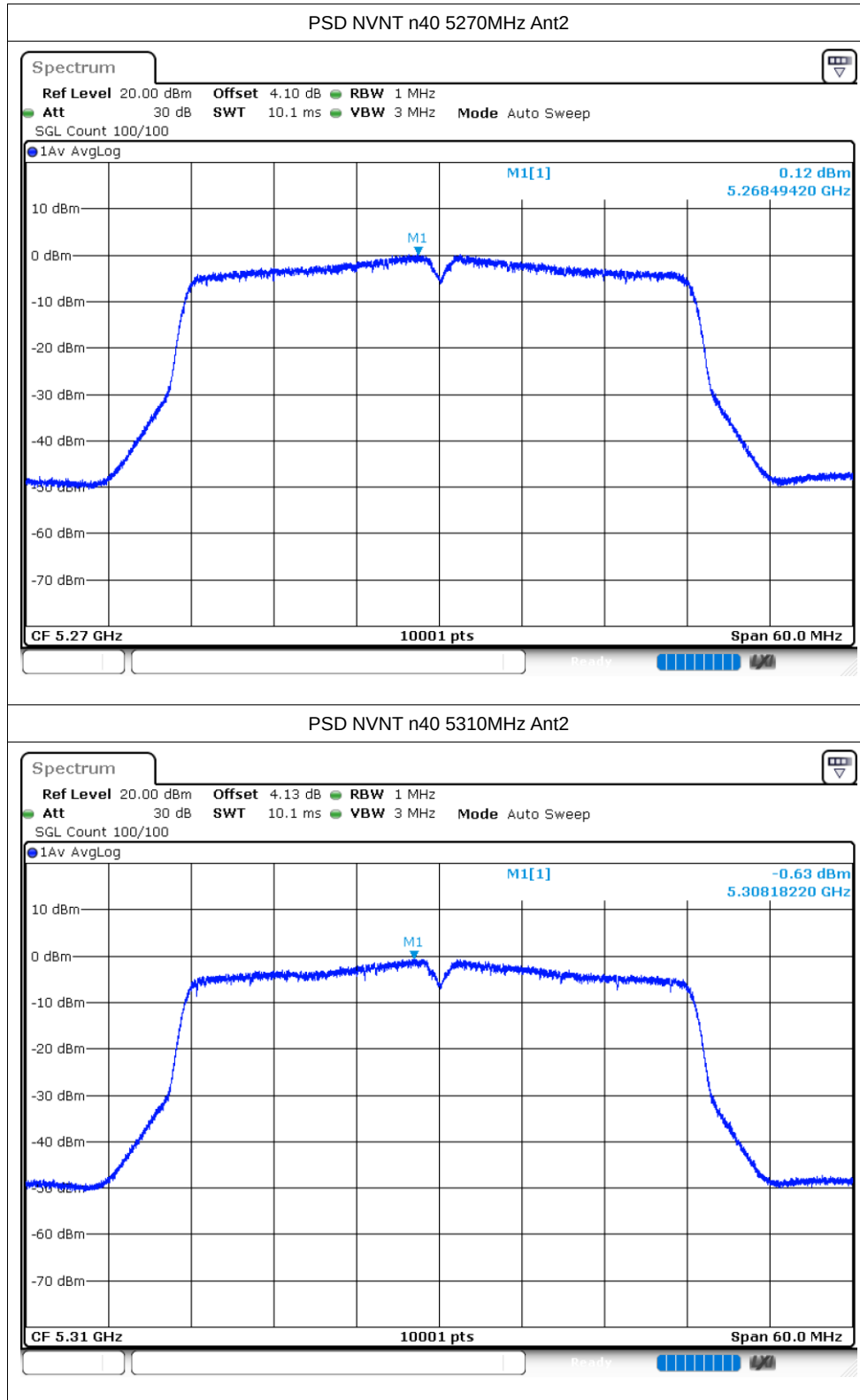
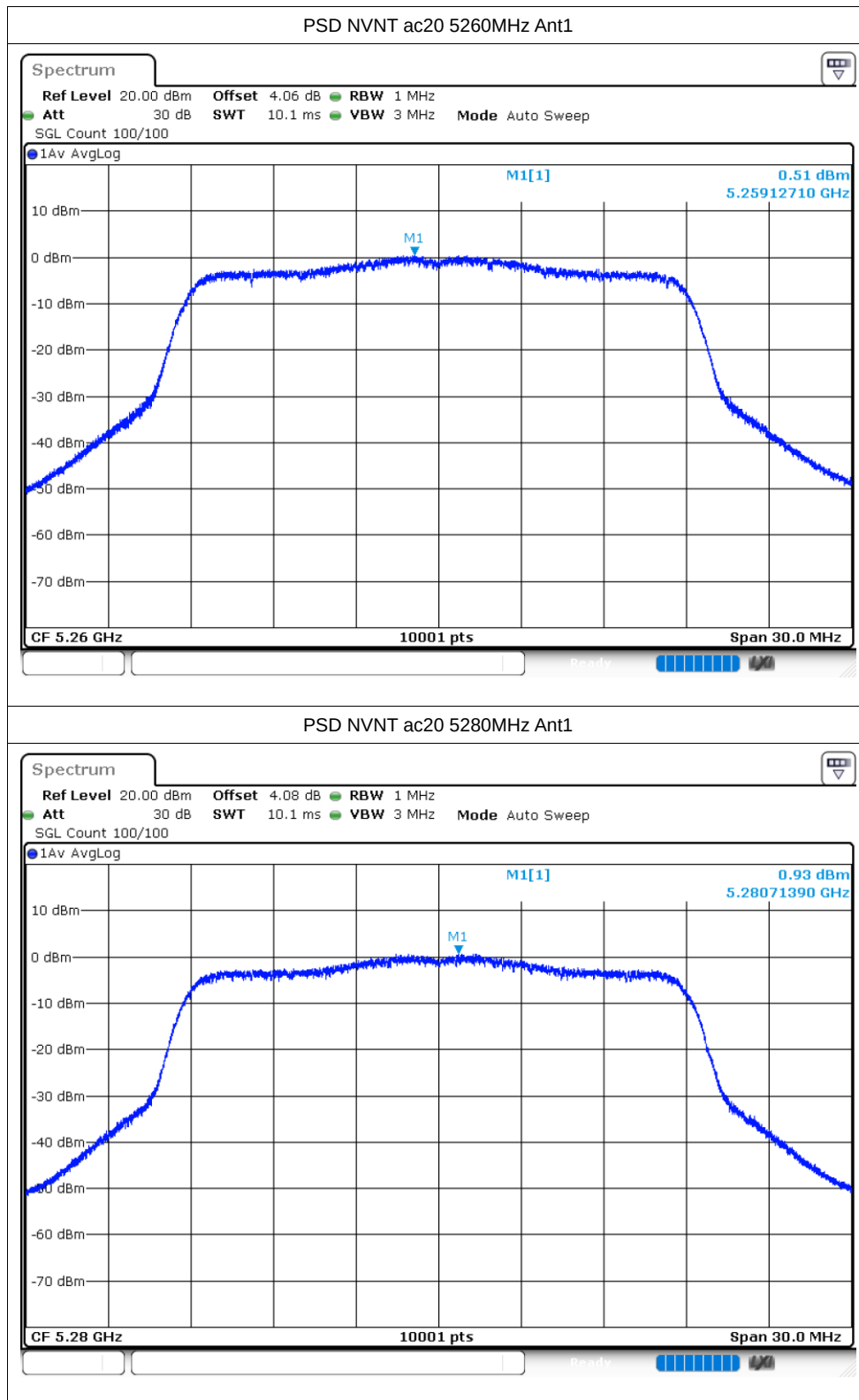
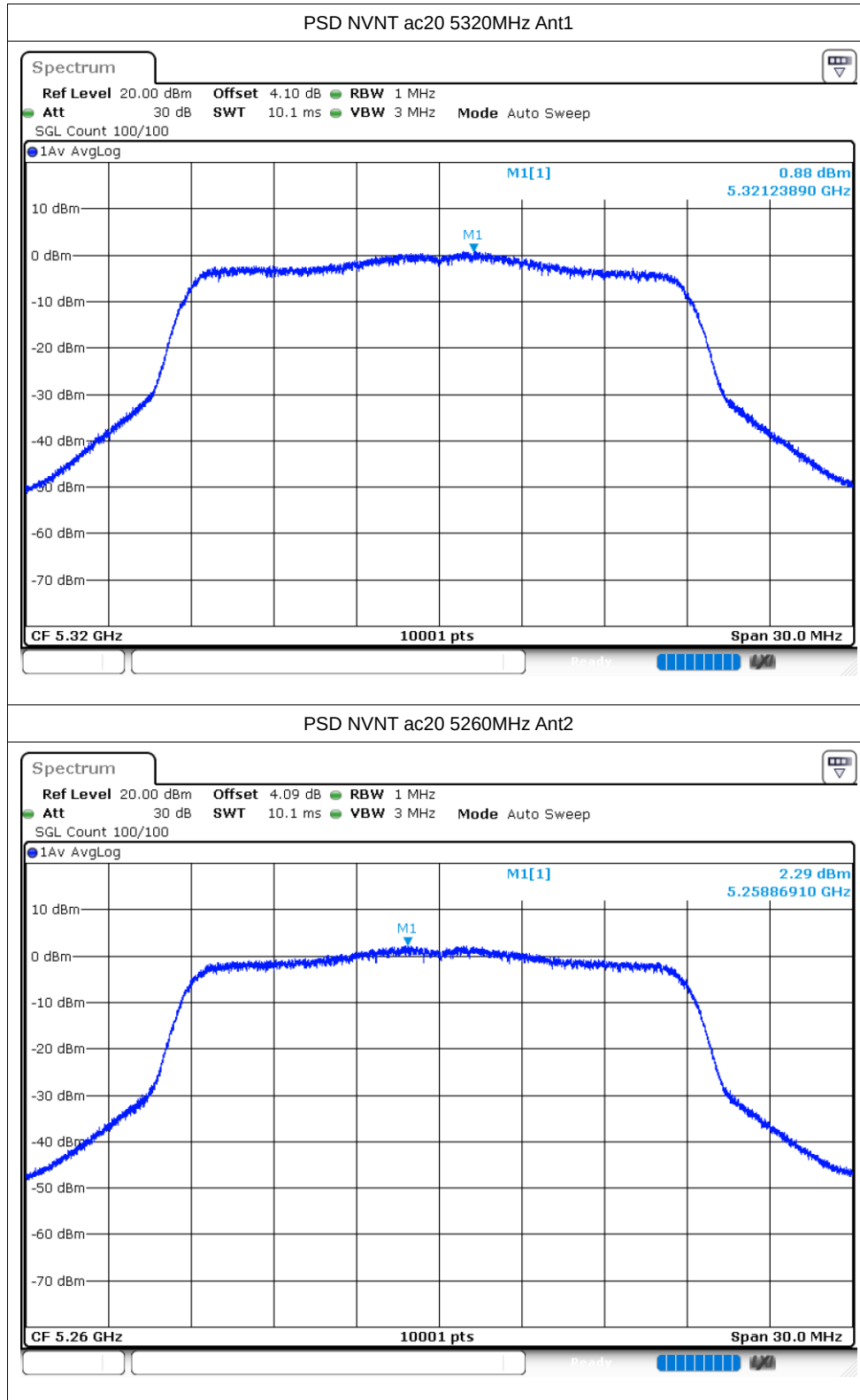
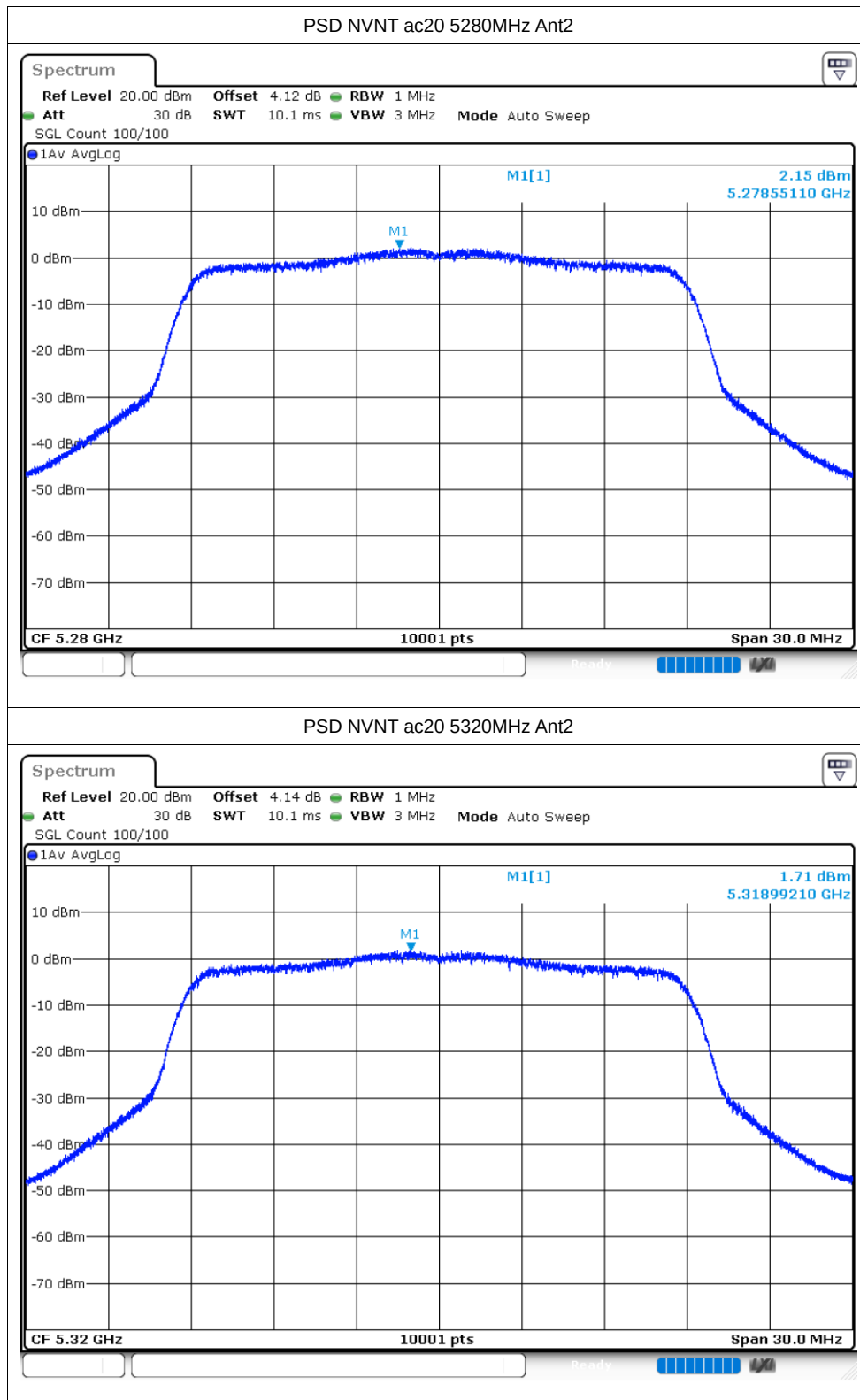
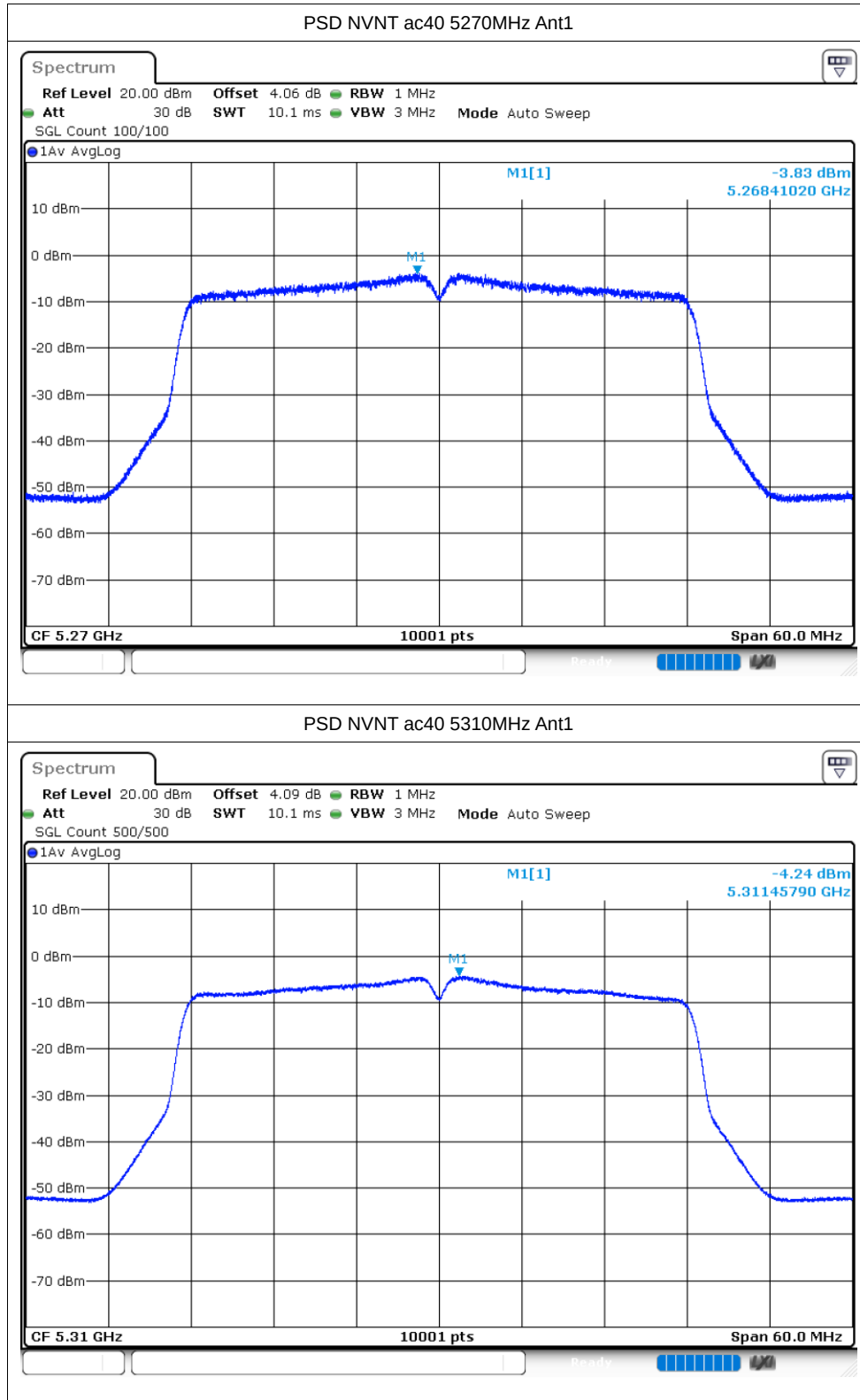


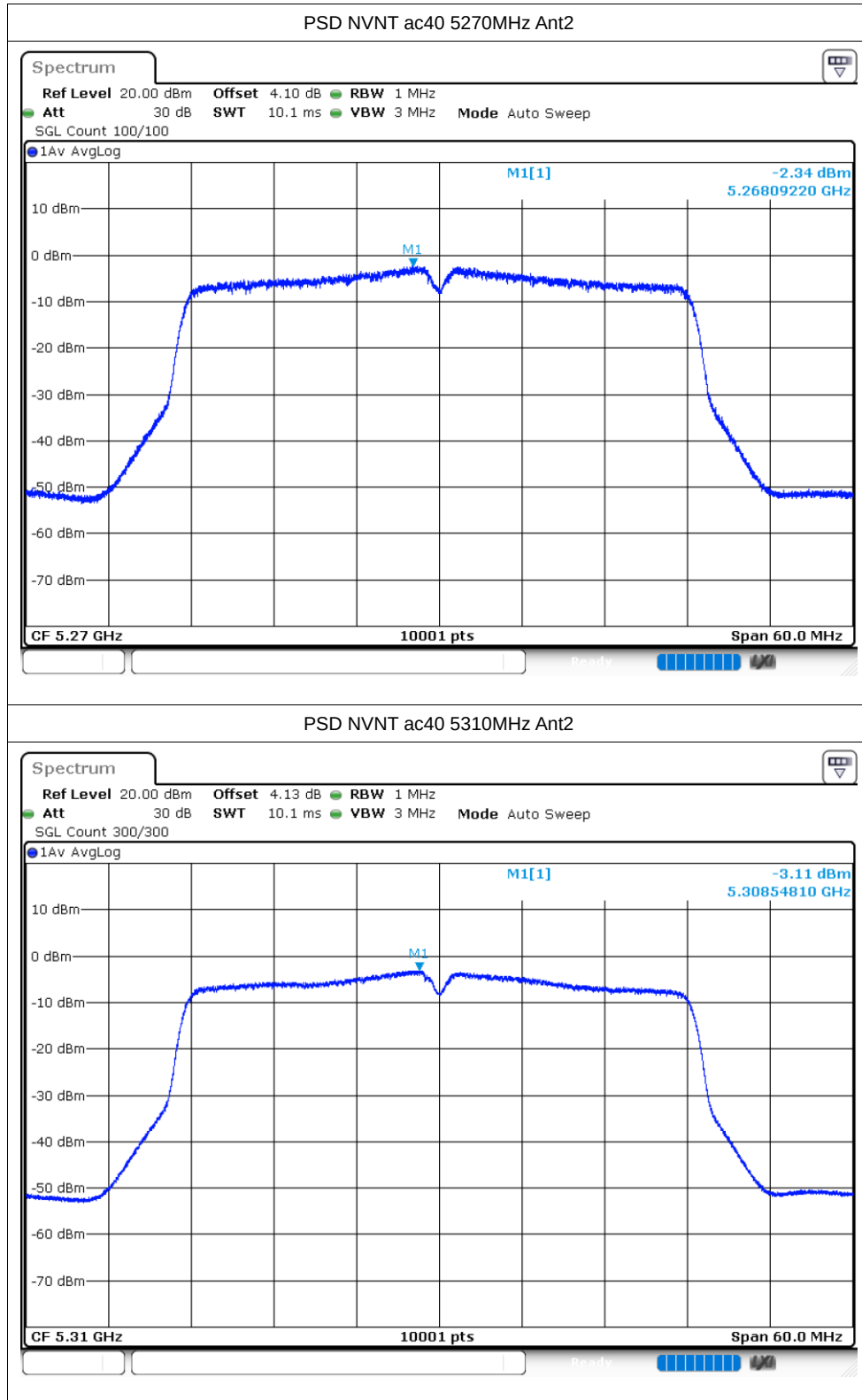


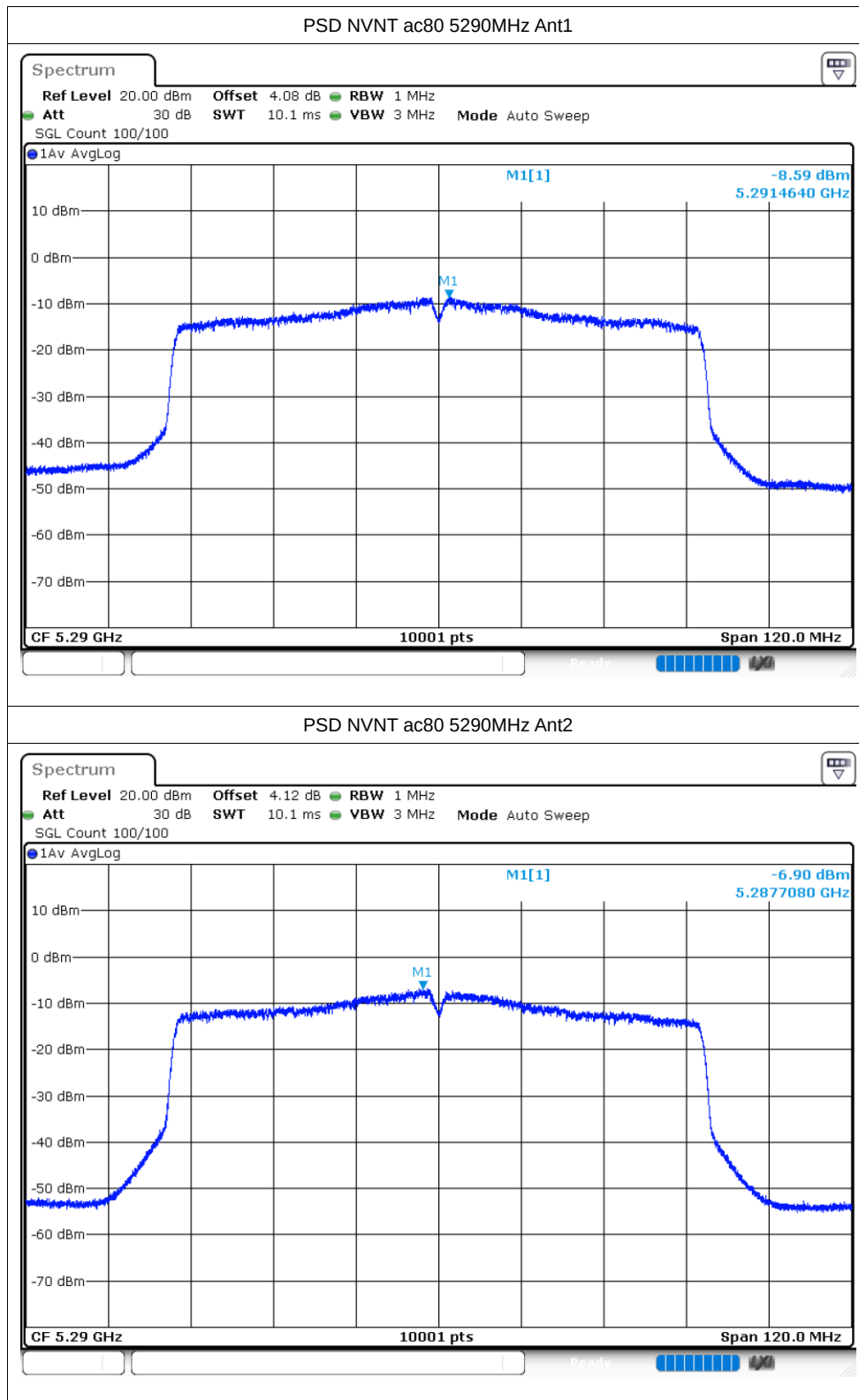


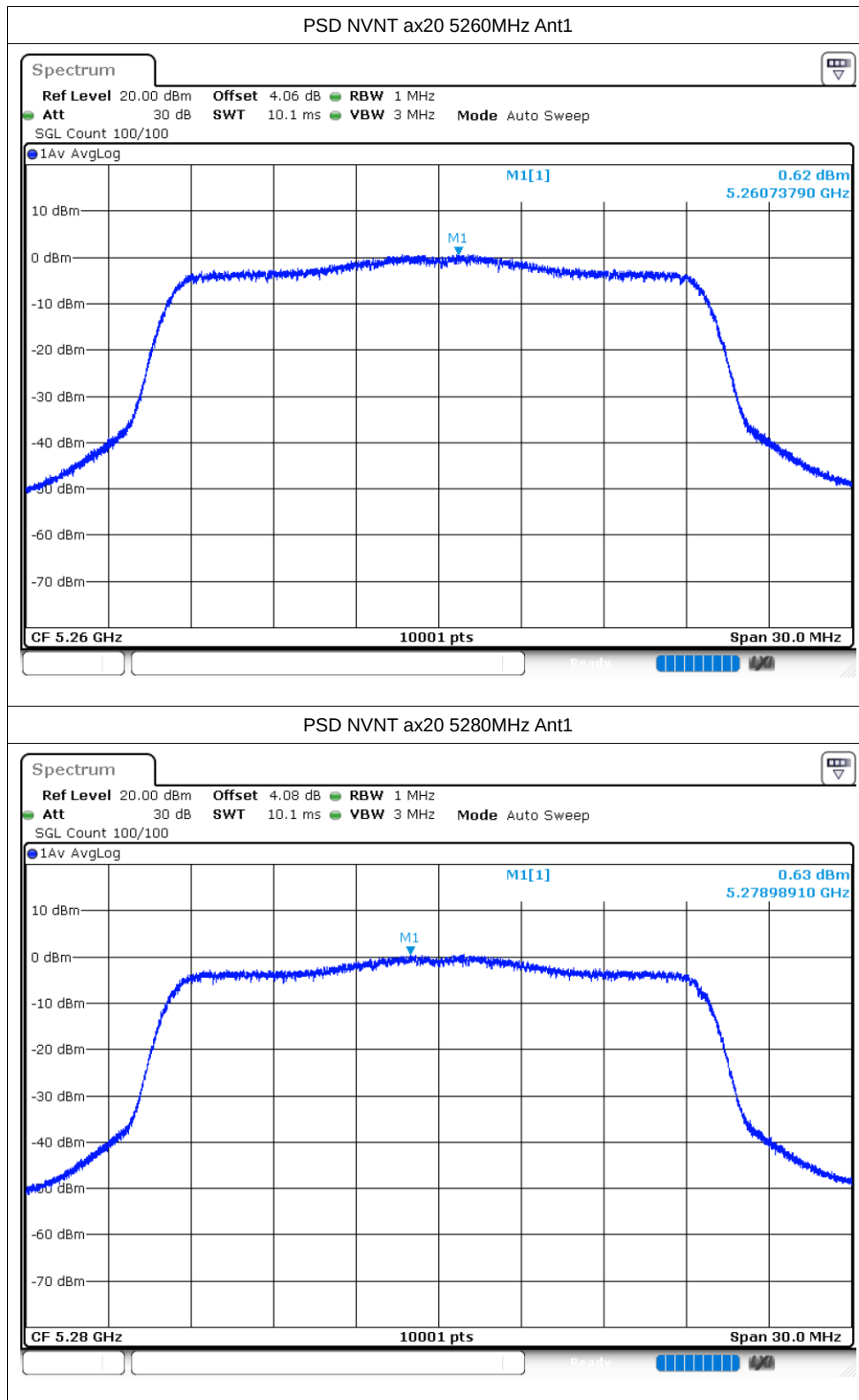


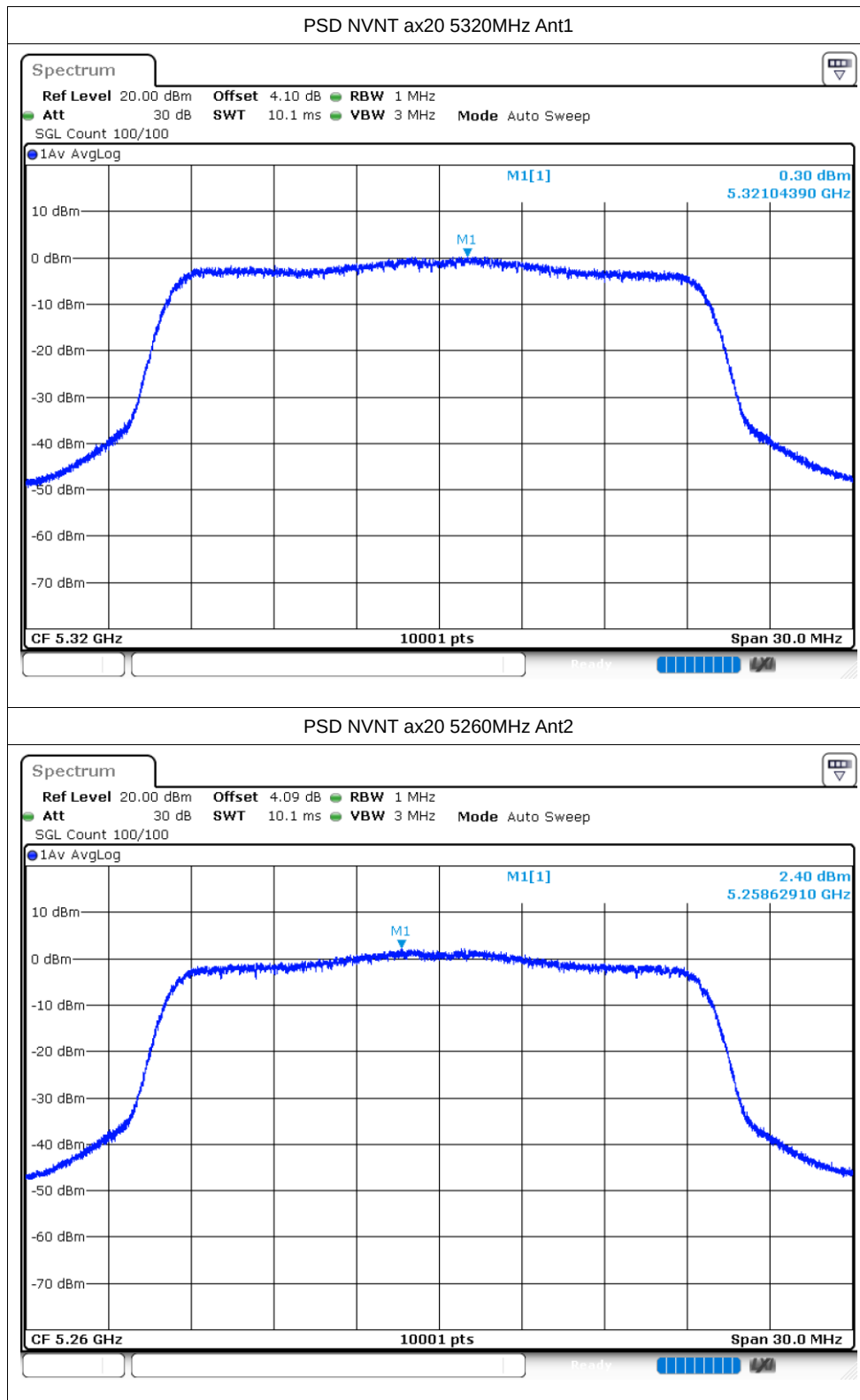


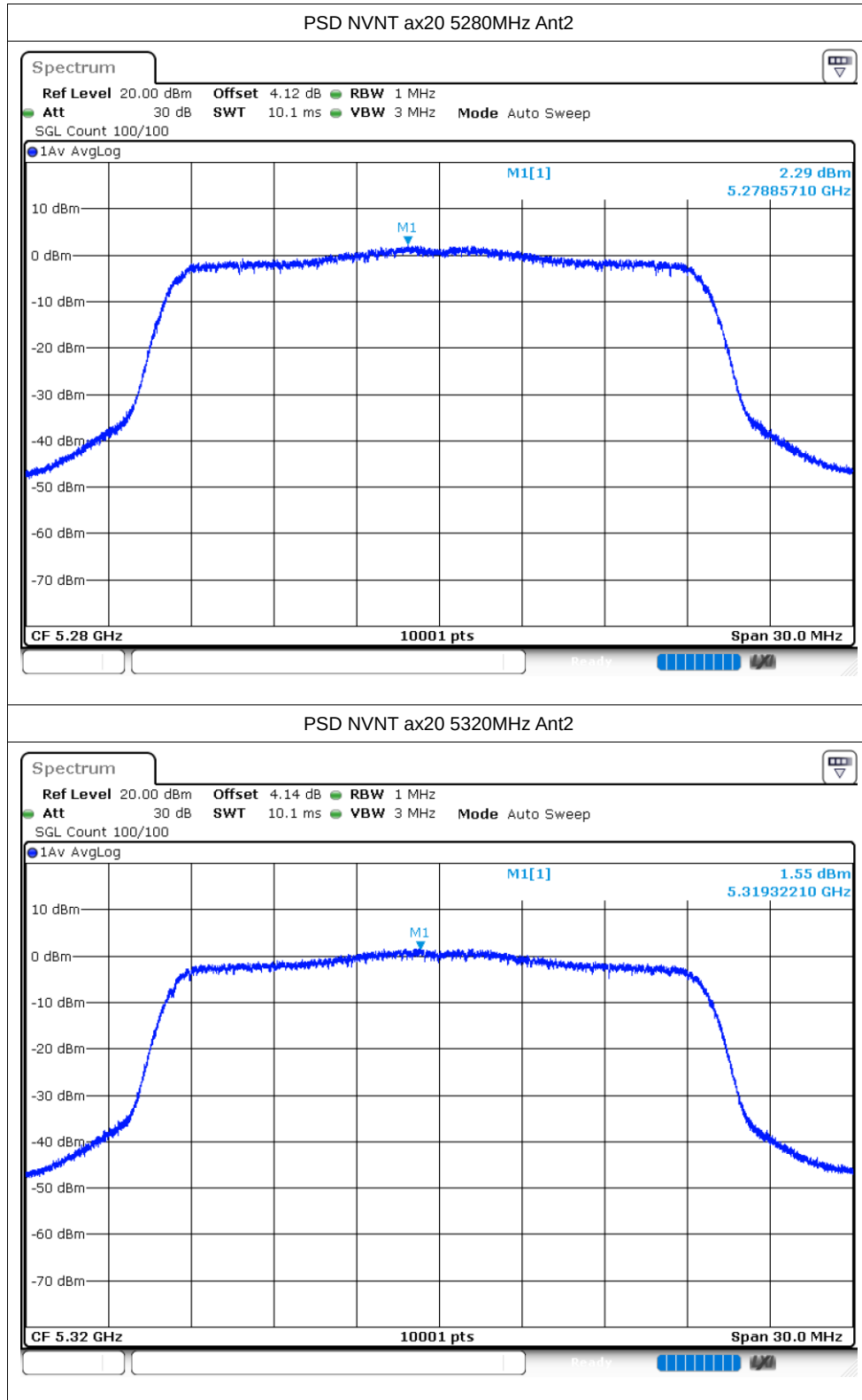


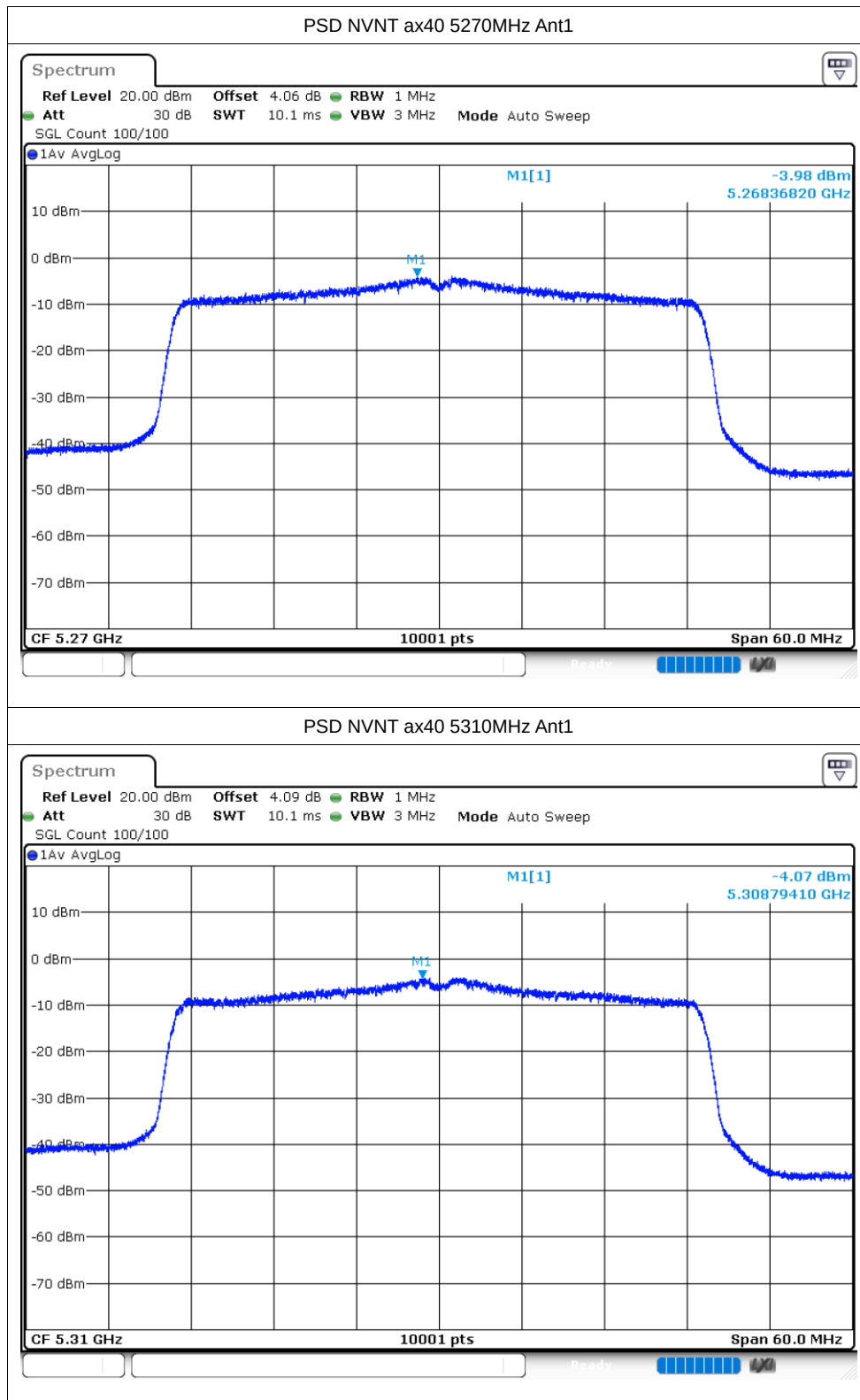


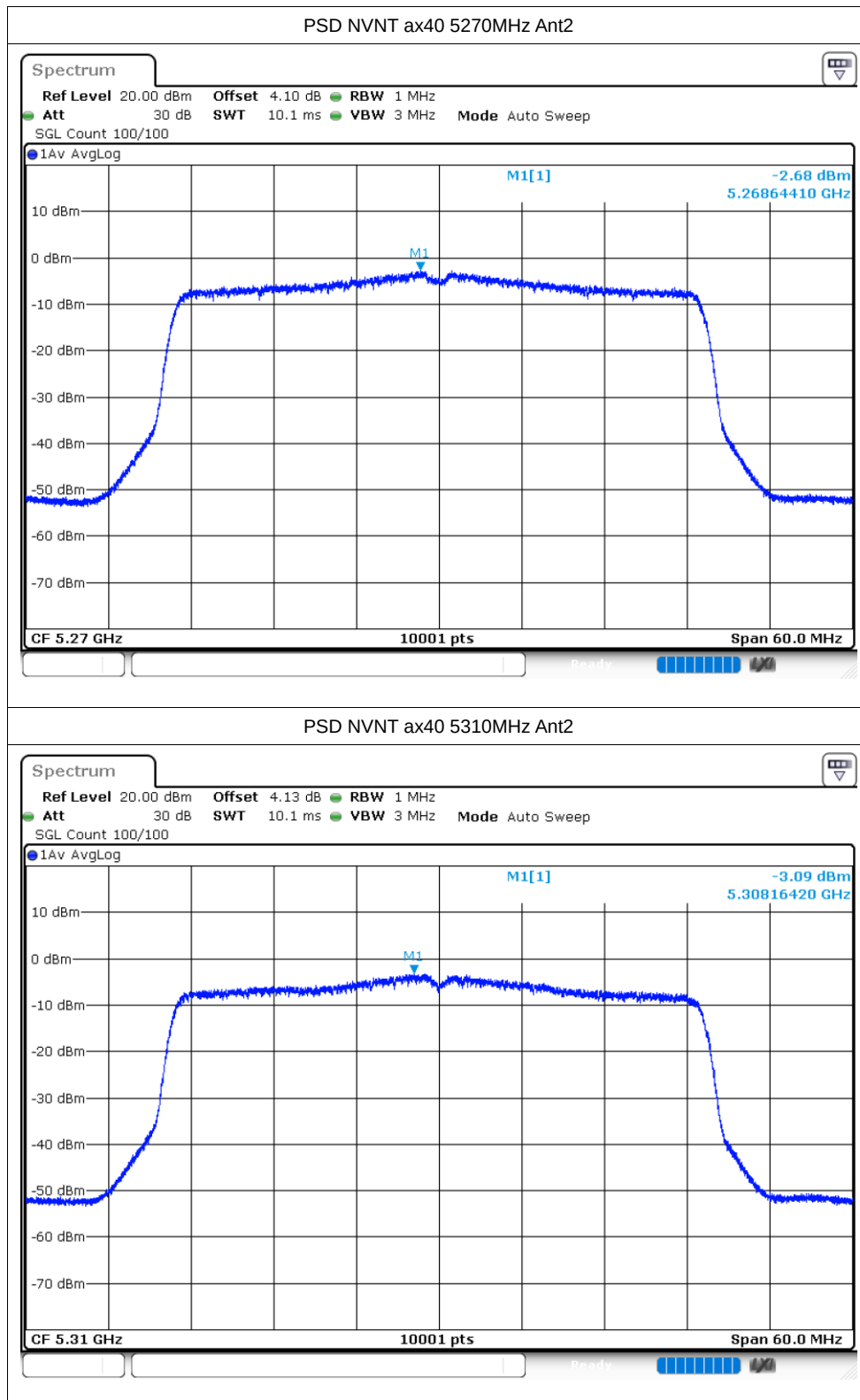


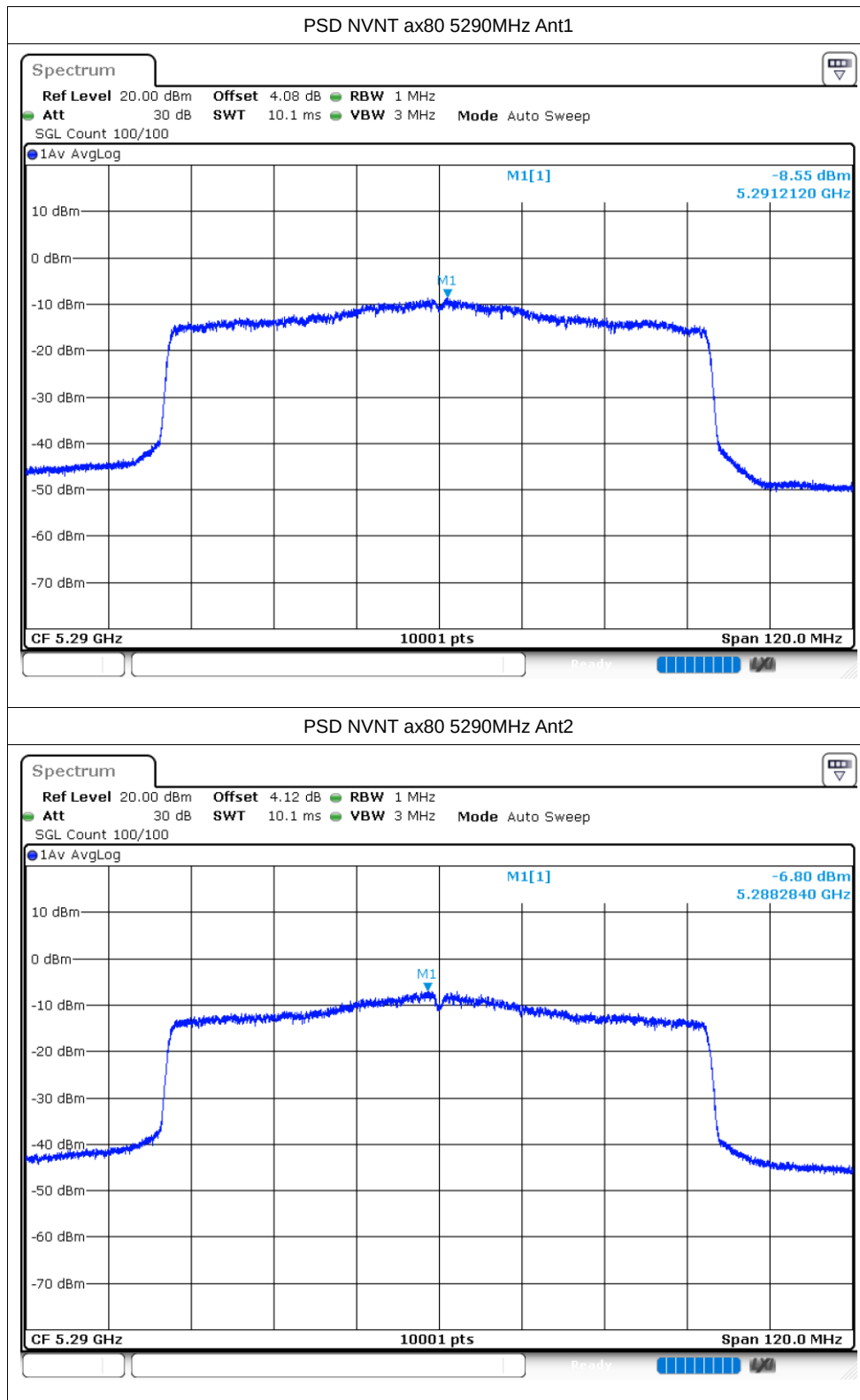








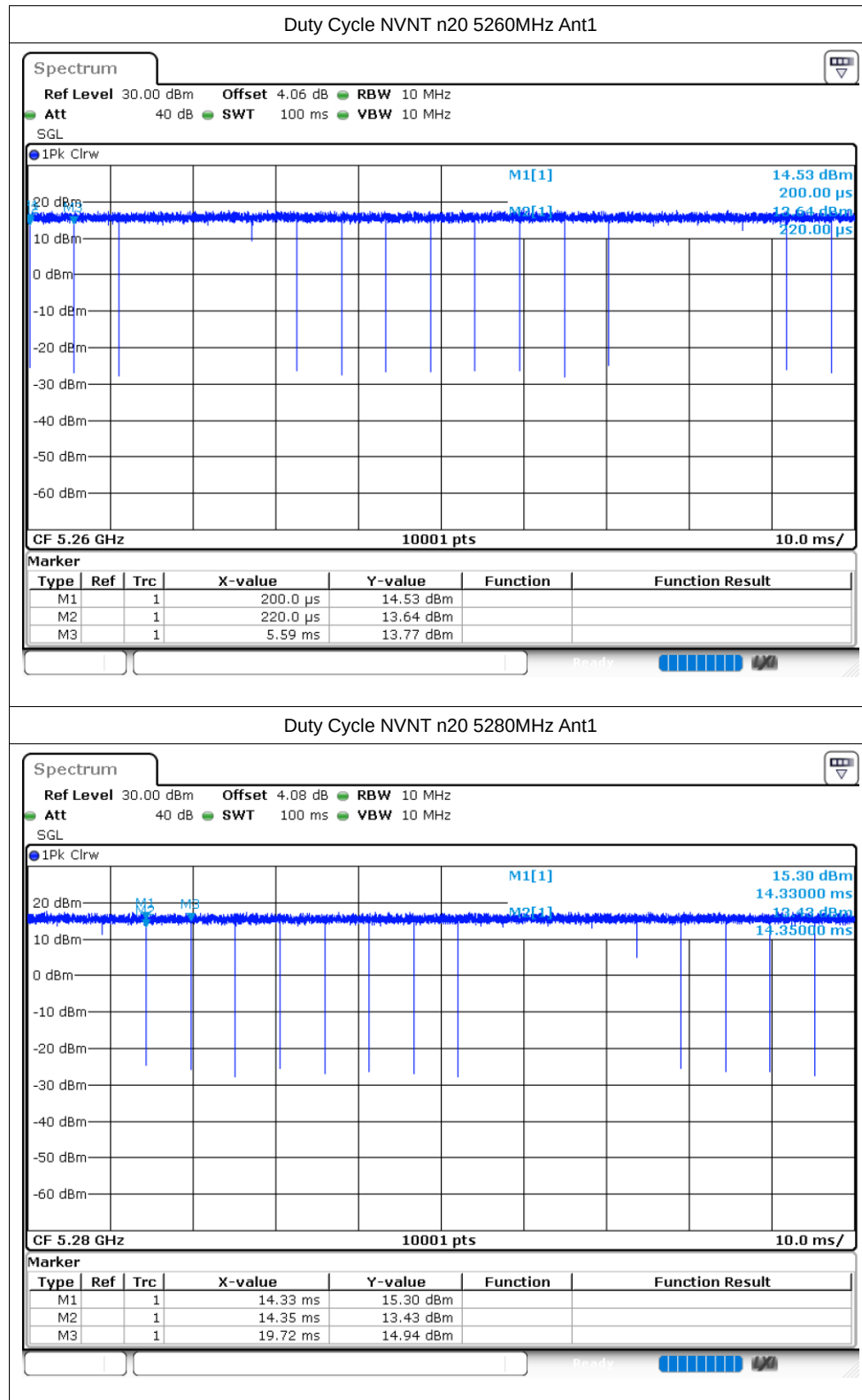


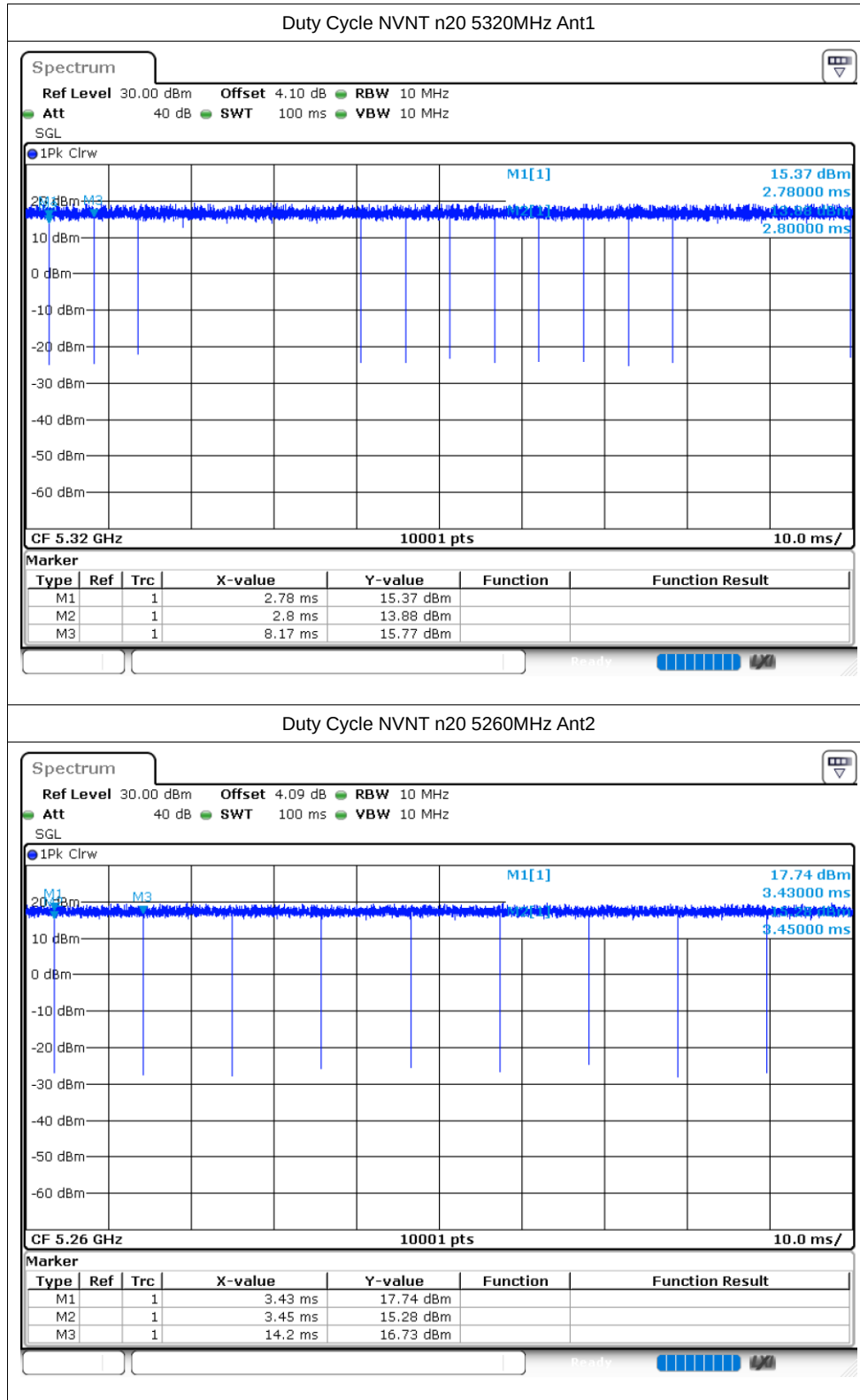


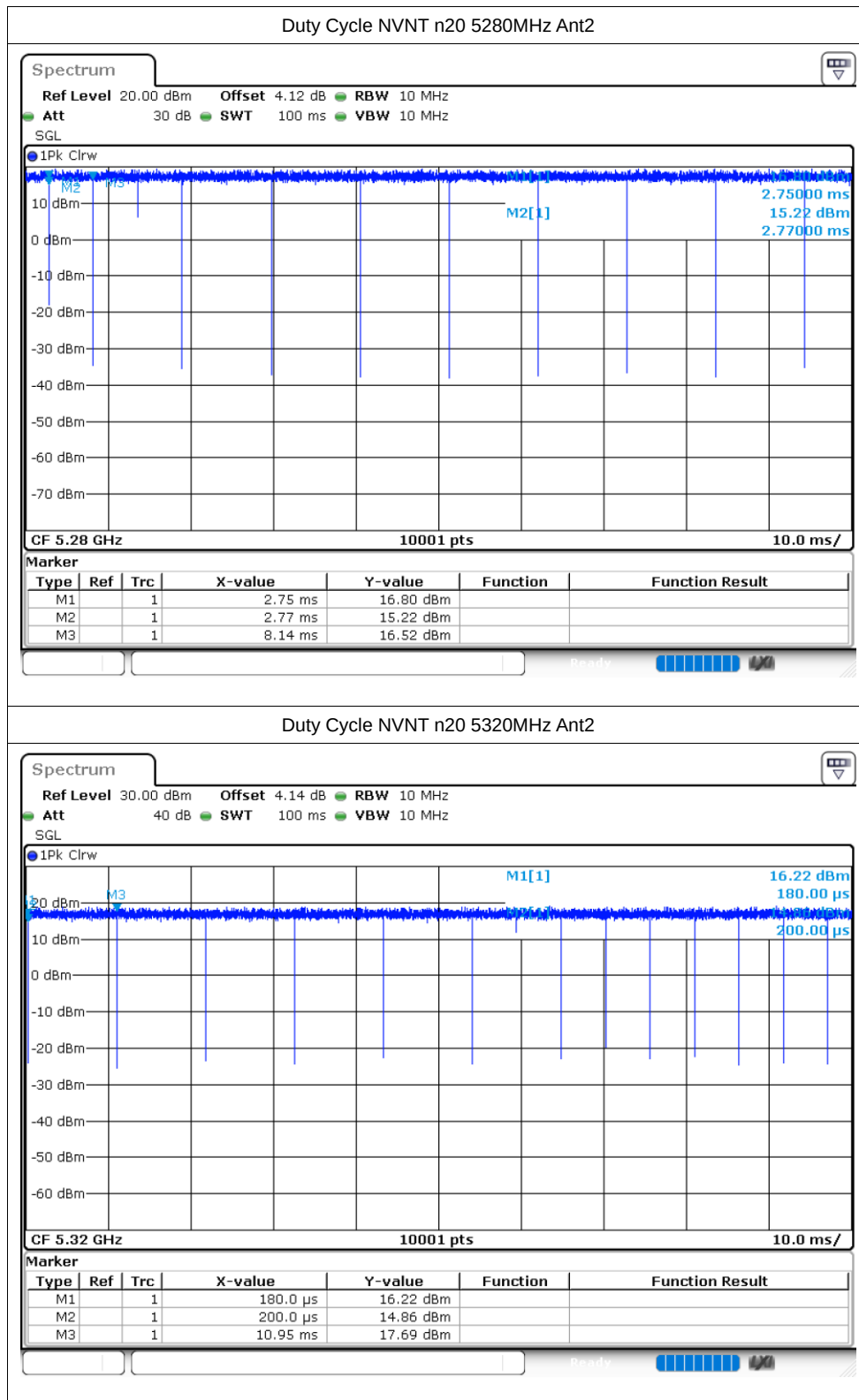
WIFI 5.3G MIMO

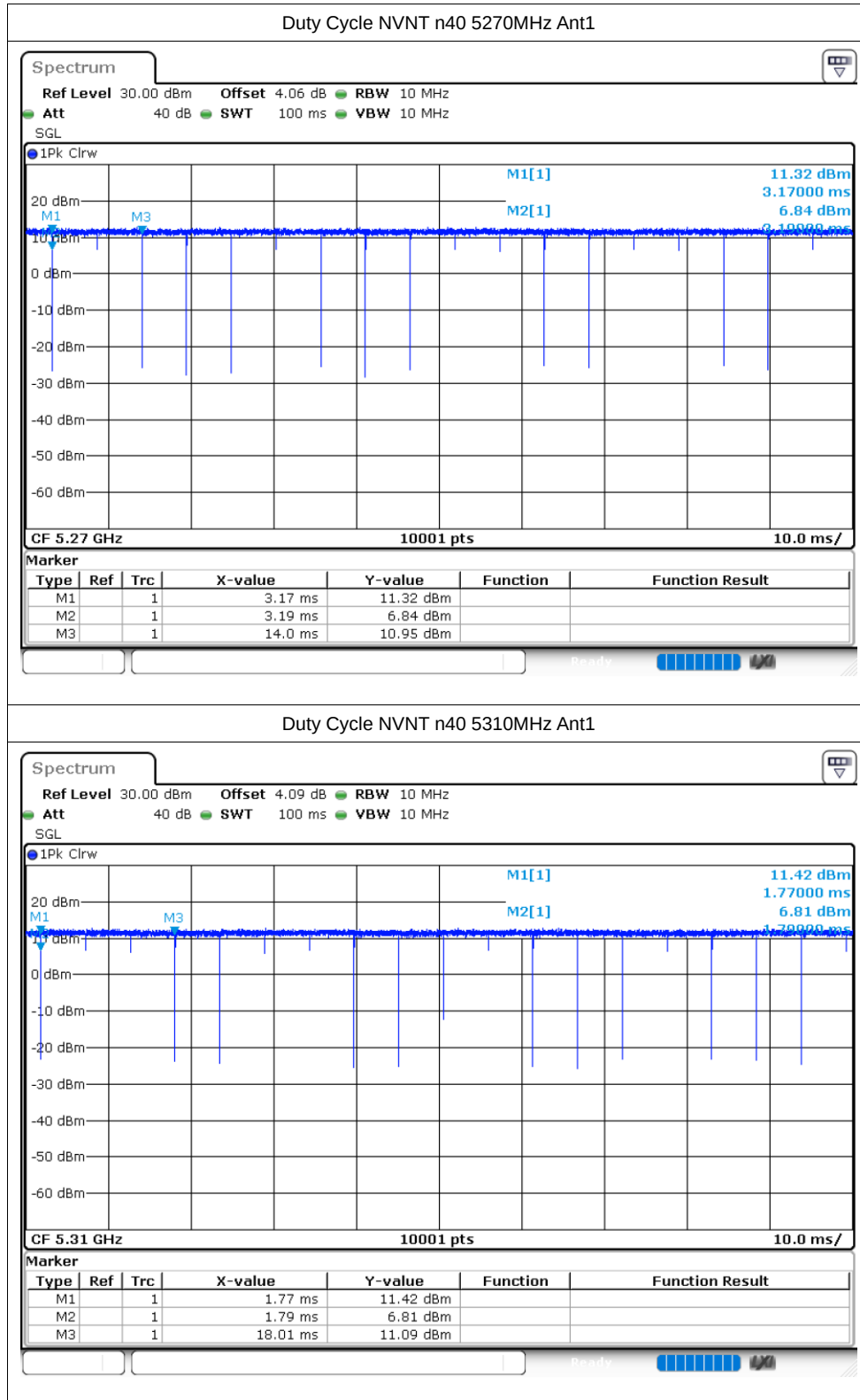
Duty Cycle

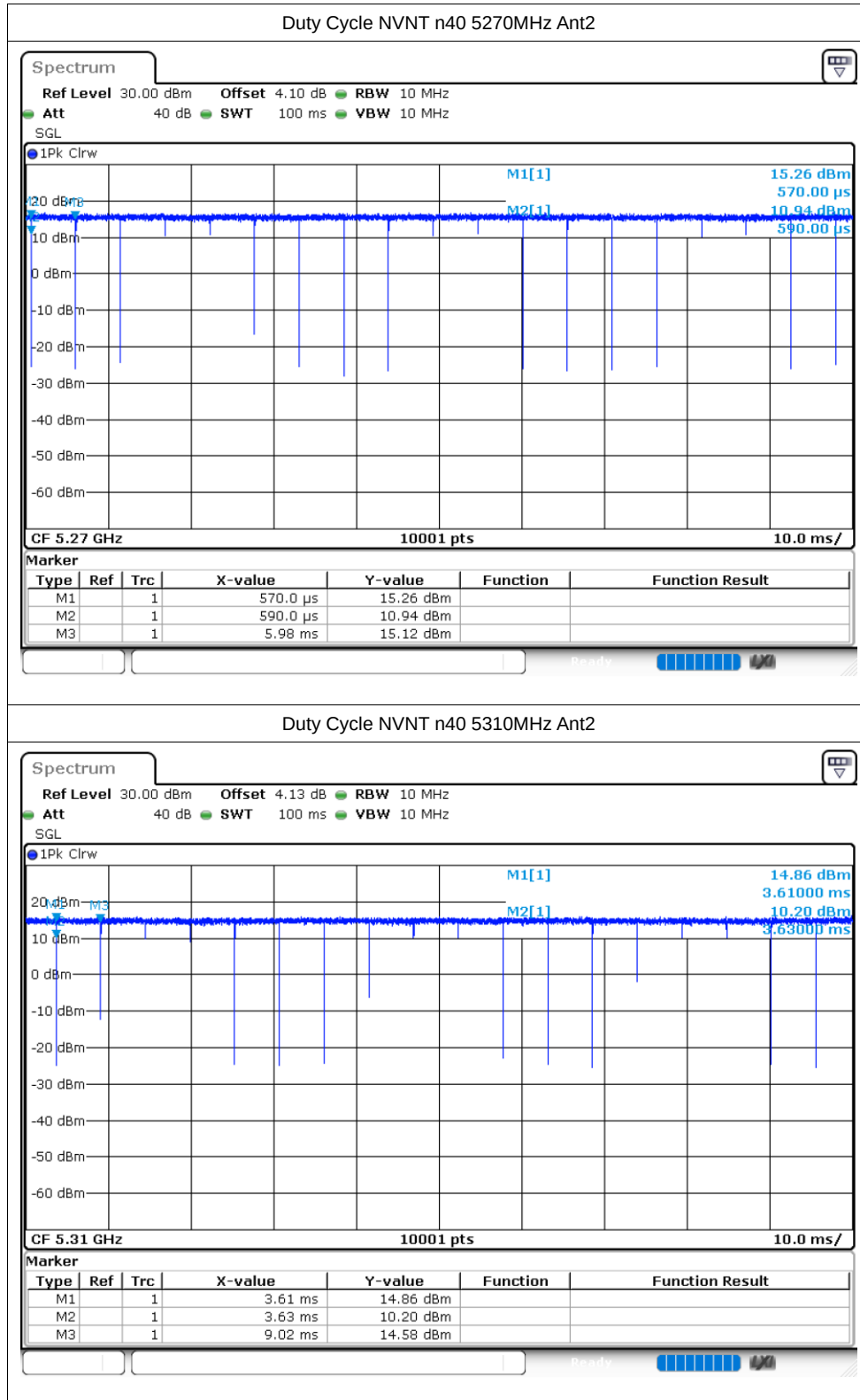
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	n20	5260	Ant1	99.88	0.01	0.19
NVNT	n20	5280	Ant1	99.89	0	0.09
NVNT	n20	5320	Ant1	99.88	0.01	0.19
NVNT	n20	5260	Ant2	99.85	0.01	0.09
NVNT	n20	5280	Ant2	99.83	0.01	0.19
NVNT	n20	5320	Ant2	99.86	0.01	0.09
NVNT	n40	5270	Ant1	99.88	0.01	0.19
NVNT	n40	5310	Ant1	99.87	0.01	0.19
NVNT	n40	5270	Ant2	99.87	0.01	0.19
NVNT	n40	5310	Ant2	99.86	0.01	0.19
NVNT	ac20	5260	Ant1	99.87	0.01	0.19
NVNT	ac20	5280	Ant1	99.88	0.01	0.19
NVNT	ac20	5320	Ant1	99.88	0.01	0.19
NVNT	ac20	5260	Ant2	99.87	0.01	0.19
NVNT	ac20	5280	Ant2	99.88	0.01	0.19
NVNT	ac20	5320	Ant2	99.86	0.01	0.19
NVNT	ac40	5270	Ant1	99.89	0	0.09
NVNT	ac40	5310	Ant1	99.88	0.01	0.06
NVNT	ac40	5270	Ant2	99.89	0.01	0.19
NVNT	ac40	5310	Ant2	99.89	0.01	0.09
NVNT	ac80	5290	Ant1	99.81	0.01	0.16
NVNT	ac80	5290	Ant2	99.88	0.01	0.16
NVNT	ax20	5260	Ant1	99.87	0.01	0.09
NVNT	ax20	5280	Ant1	99.87	0.01	0.19
NVNT	ax20	5320	Ant1	99.87	0.01	0.09
NVNT	ax20	5260	Ant2	99.86	0.01	0.19
NVNT	ax20	5280	Ant2	99.87	0.01	0.09
NVNT	ax20	5320	Ant2	99.85	0.01	0.09
NVNT	ax40	5270	Ant1	99.86	0.01	0.21
NVNT	ax40	5310	Ant1	99.86	0.01	0.1
NVNT	ax40	5270	Ant2	99.86	0.01	0.1
NVNT	ax40	5310	Ant2	99.88	0.01	0.1
NVNT	ax80	5290	Ant1	99.77	0.01	0.19
NVNT	ax80	5290	Ant2	99.76	0.01	0.19

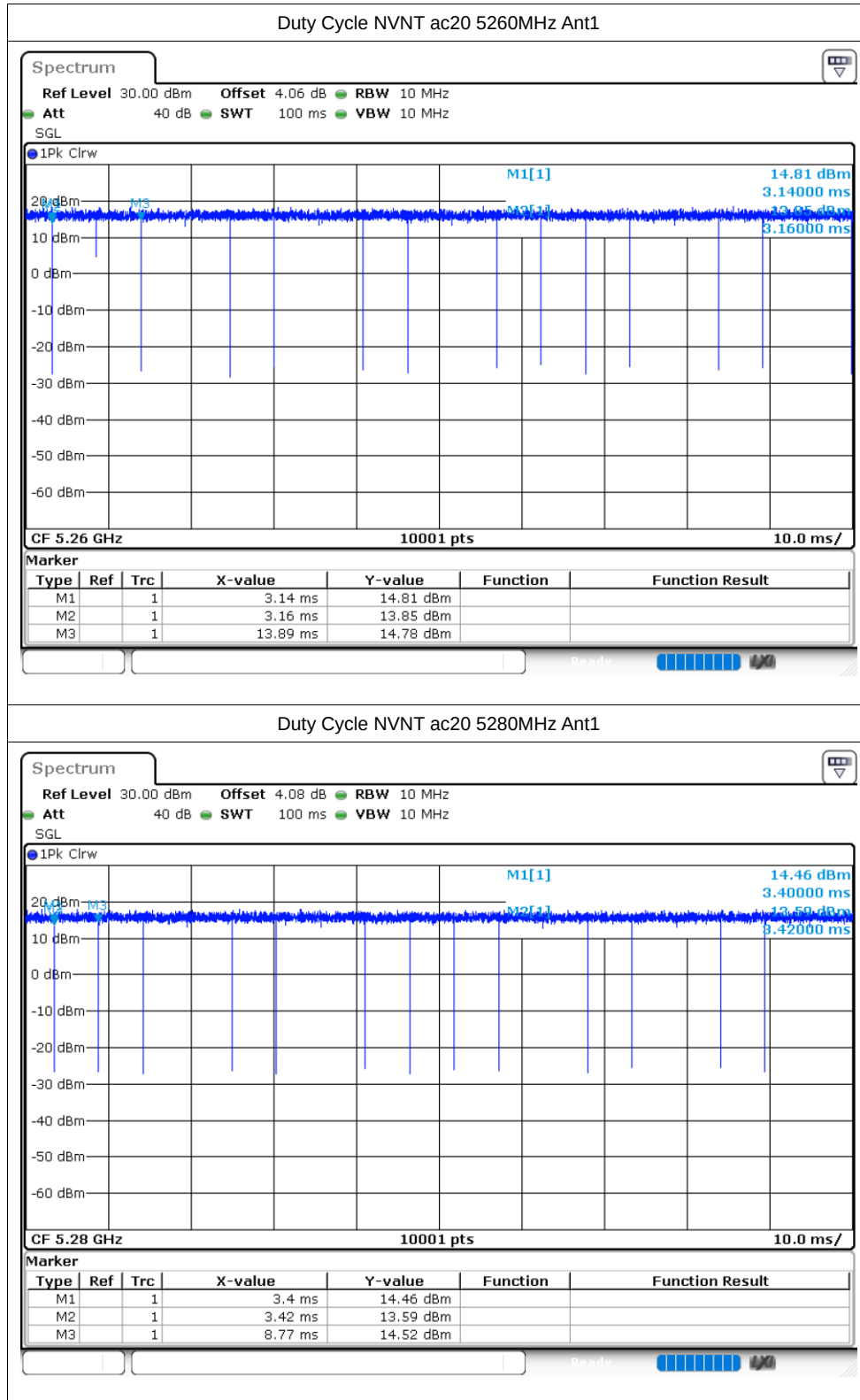




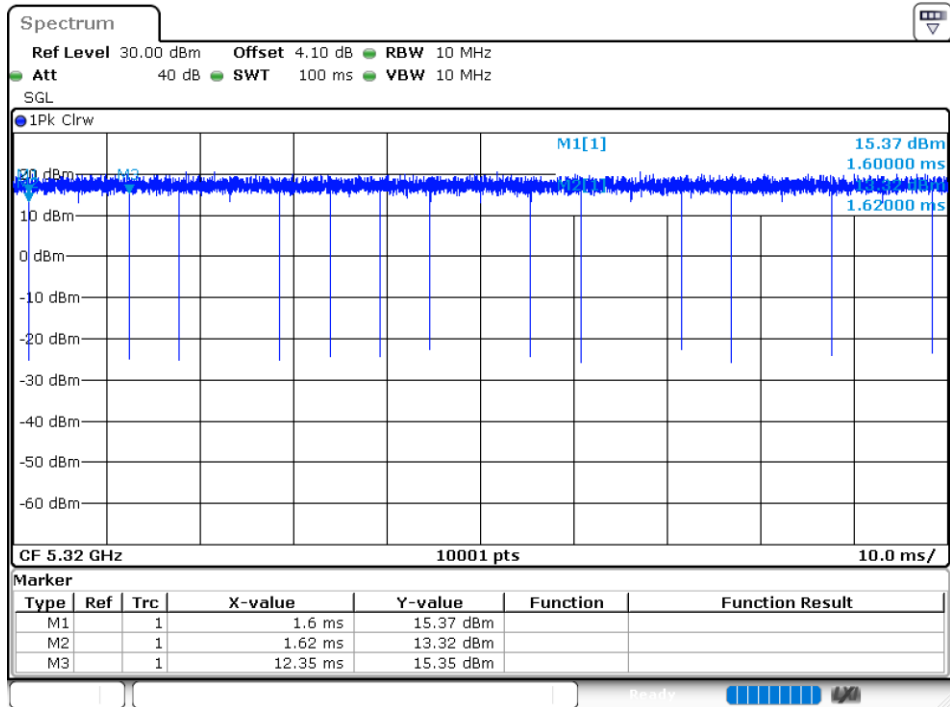




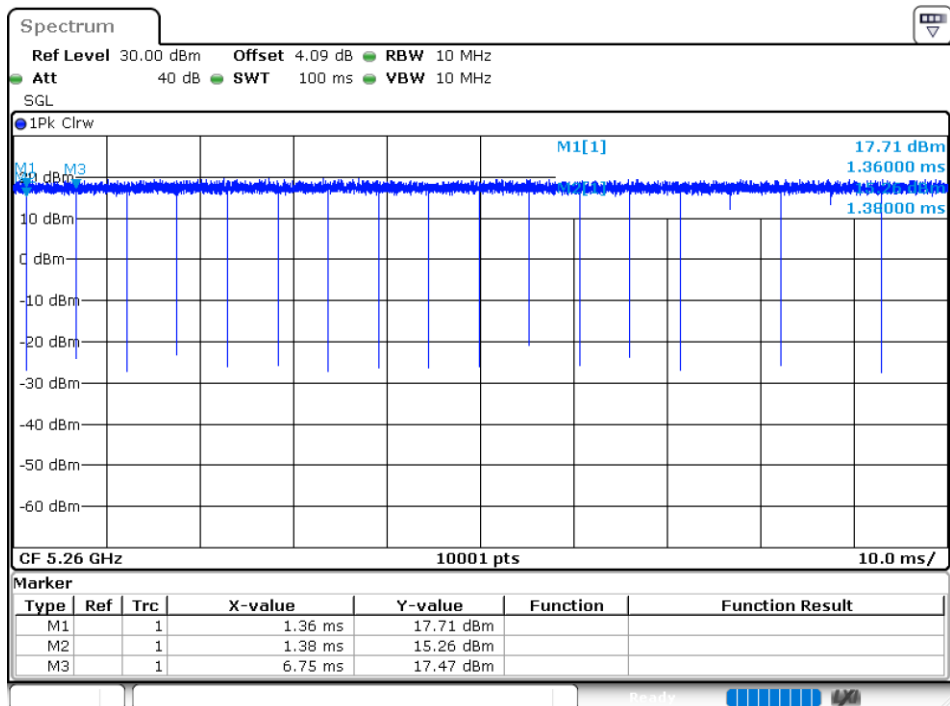


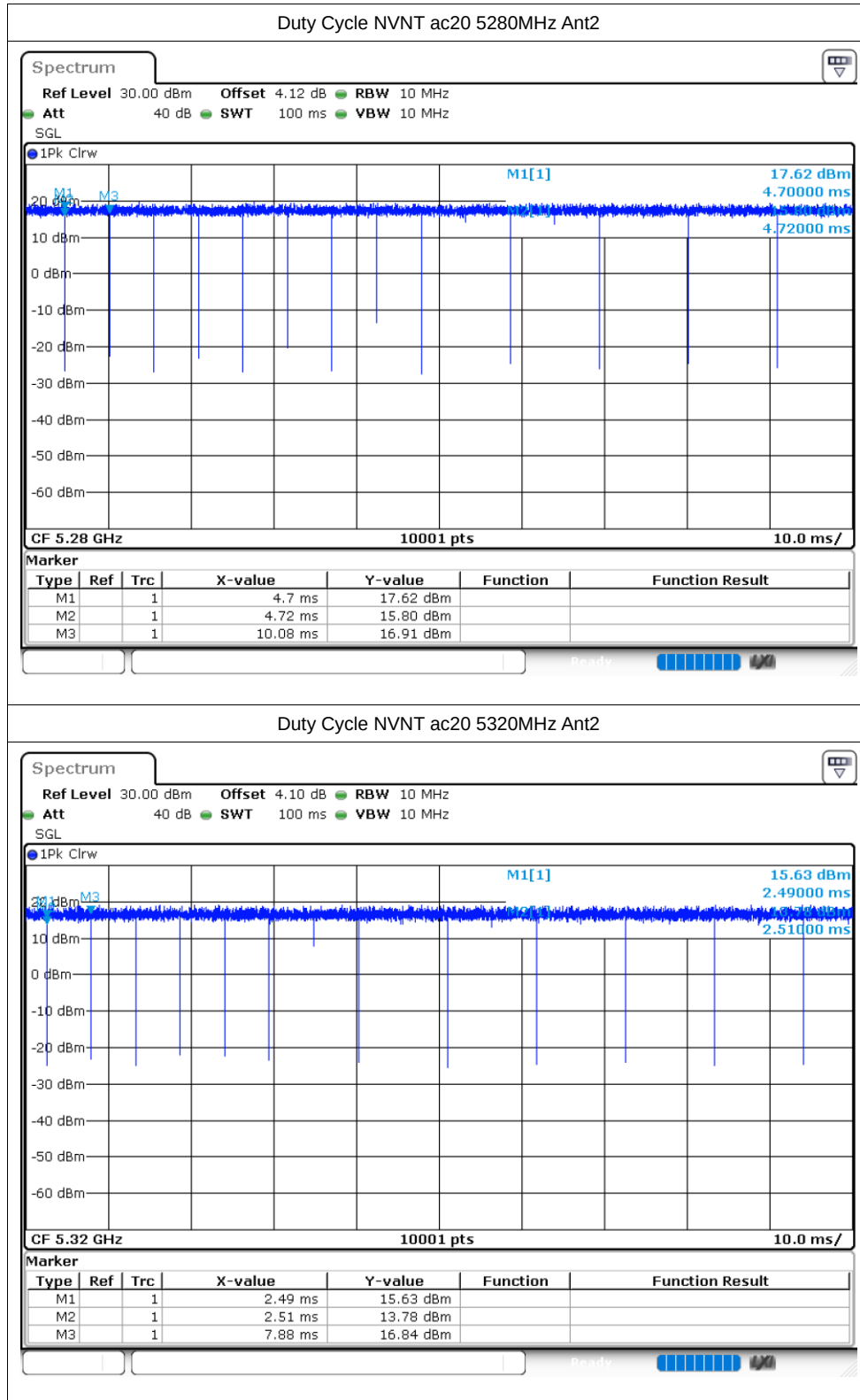


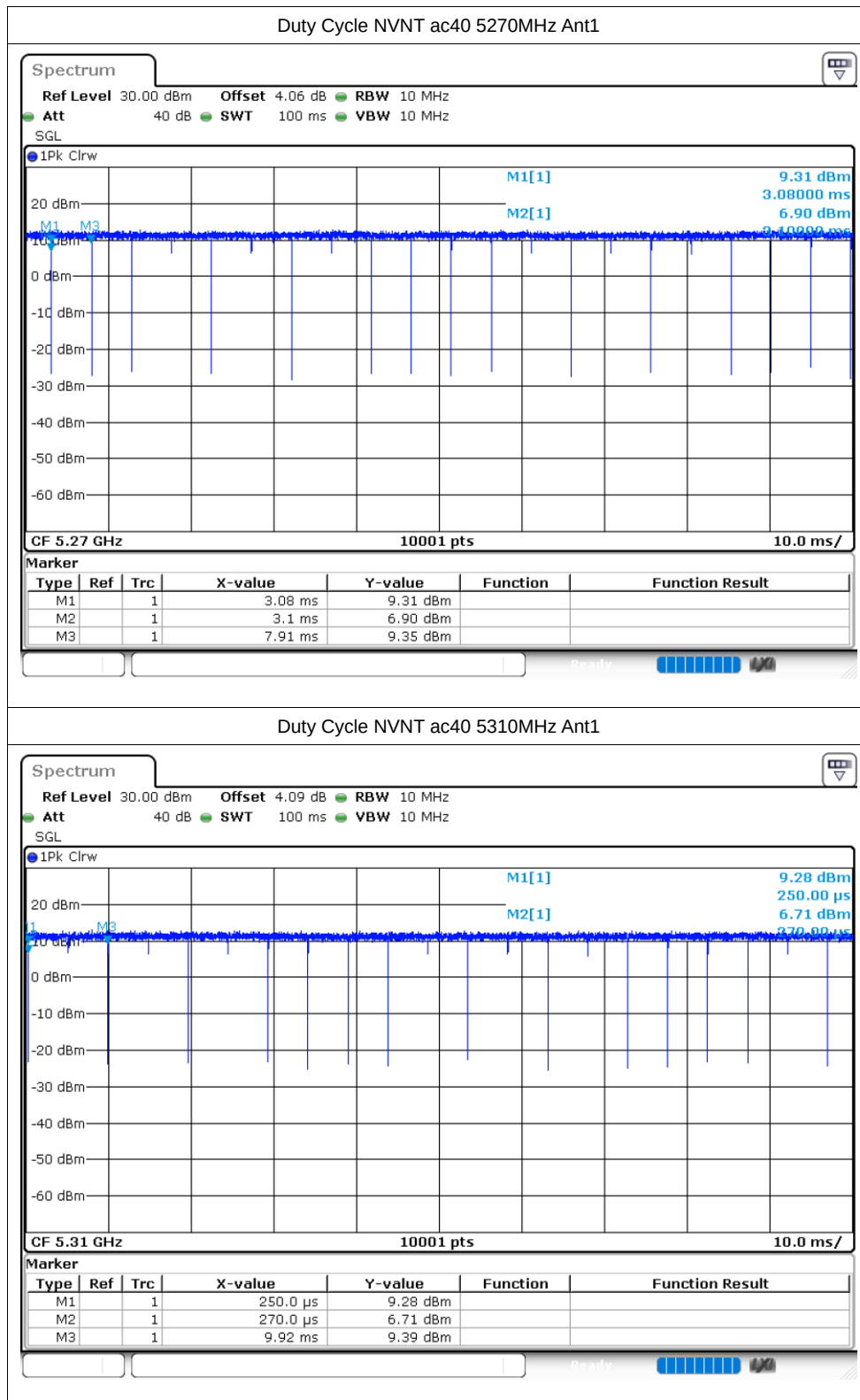
Duty Cycle NVNT ac20 5320MHz Ant1



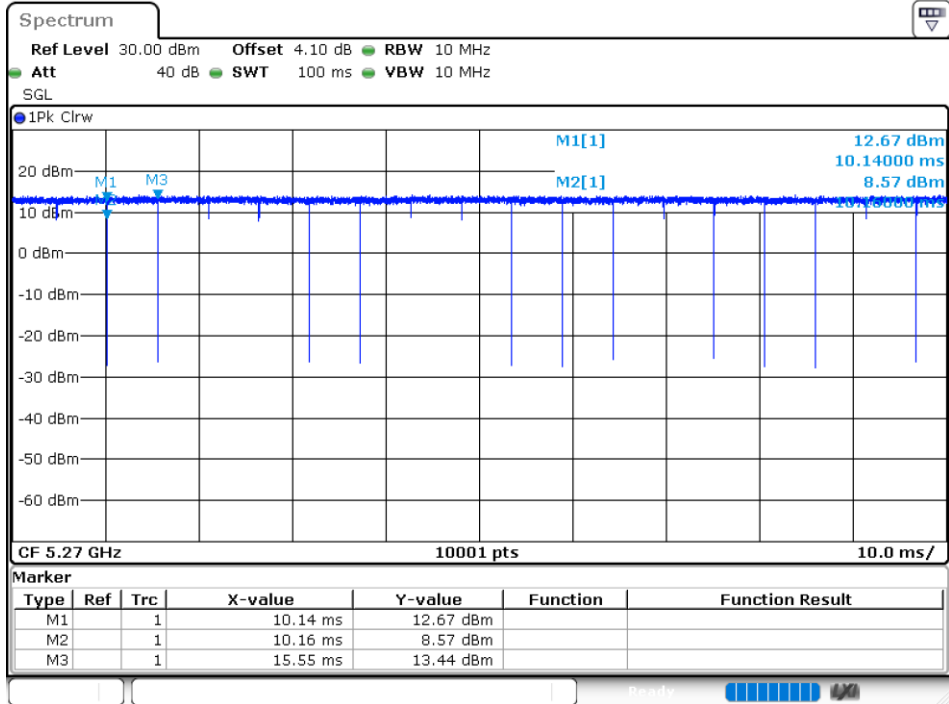
Duty Cycle NVNT ac20 5260MHz Ant2



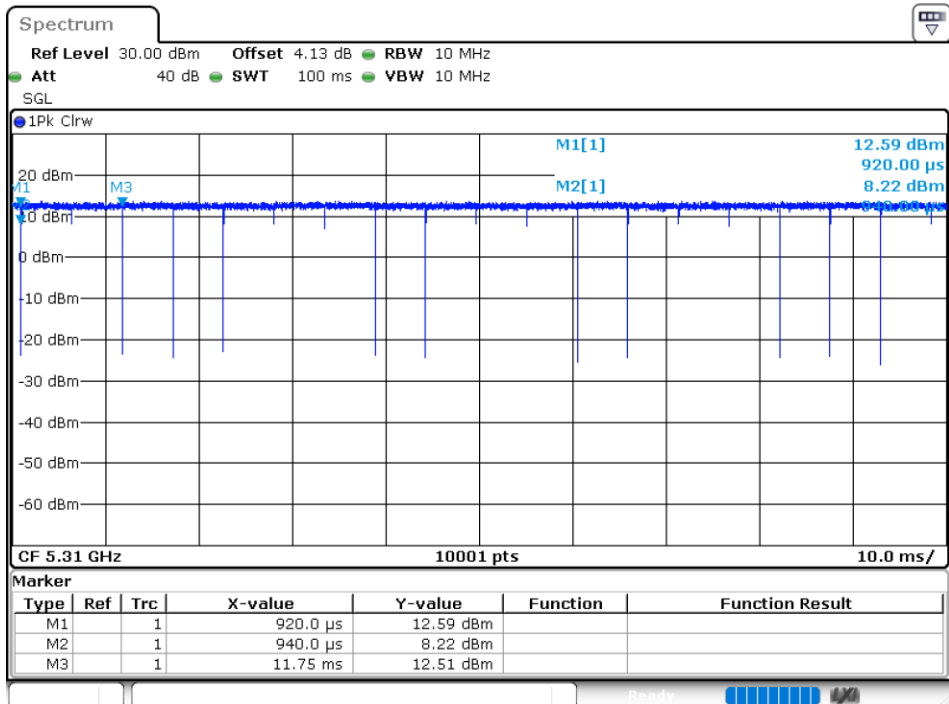


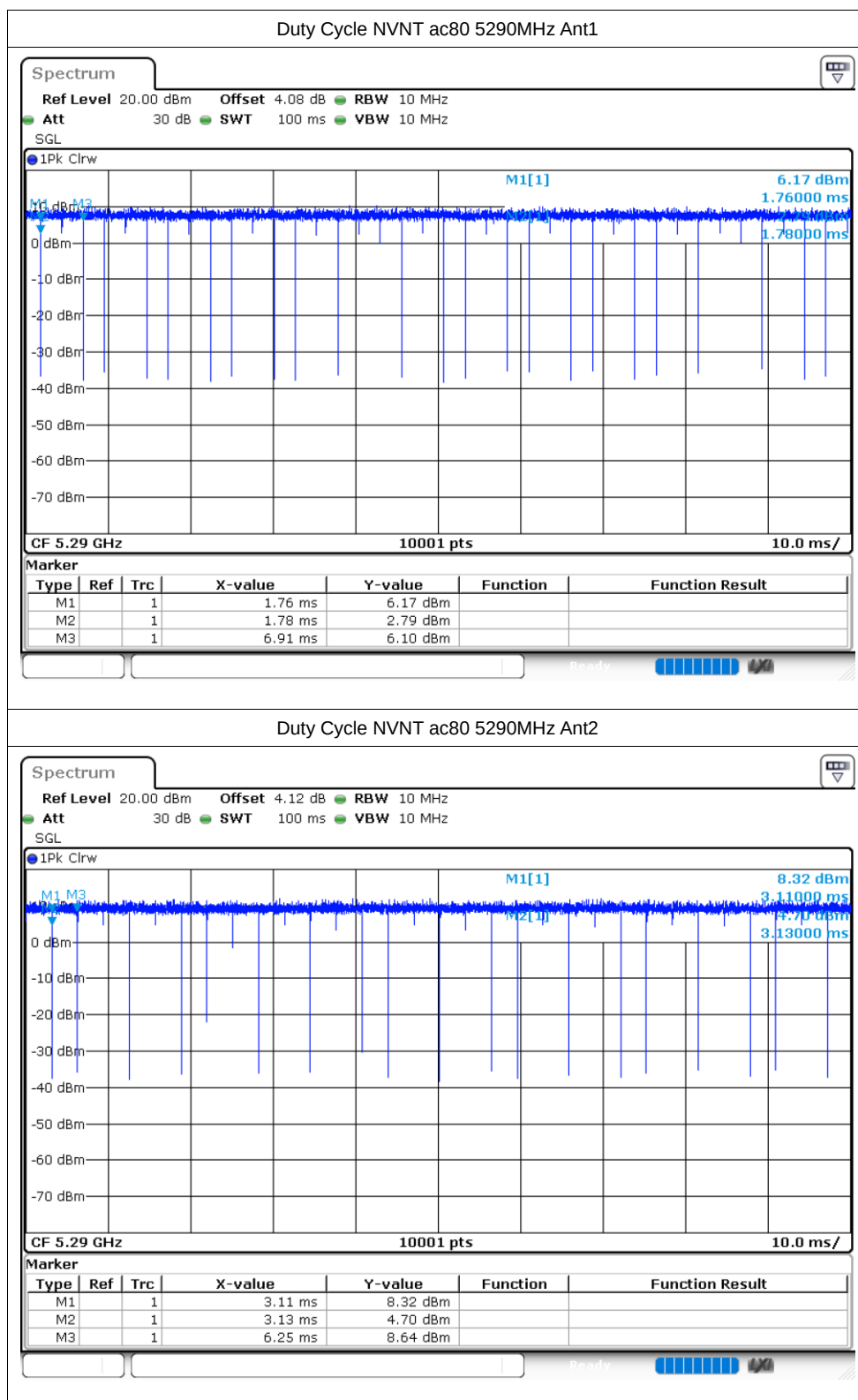


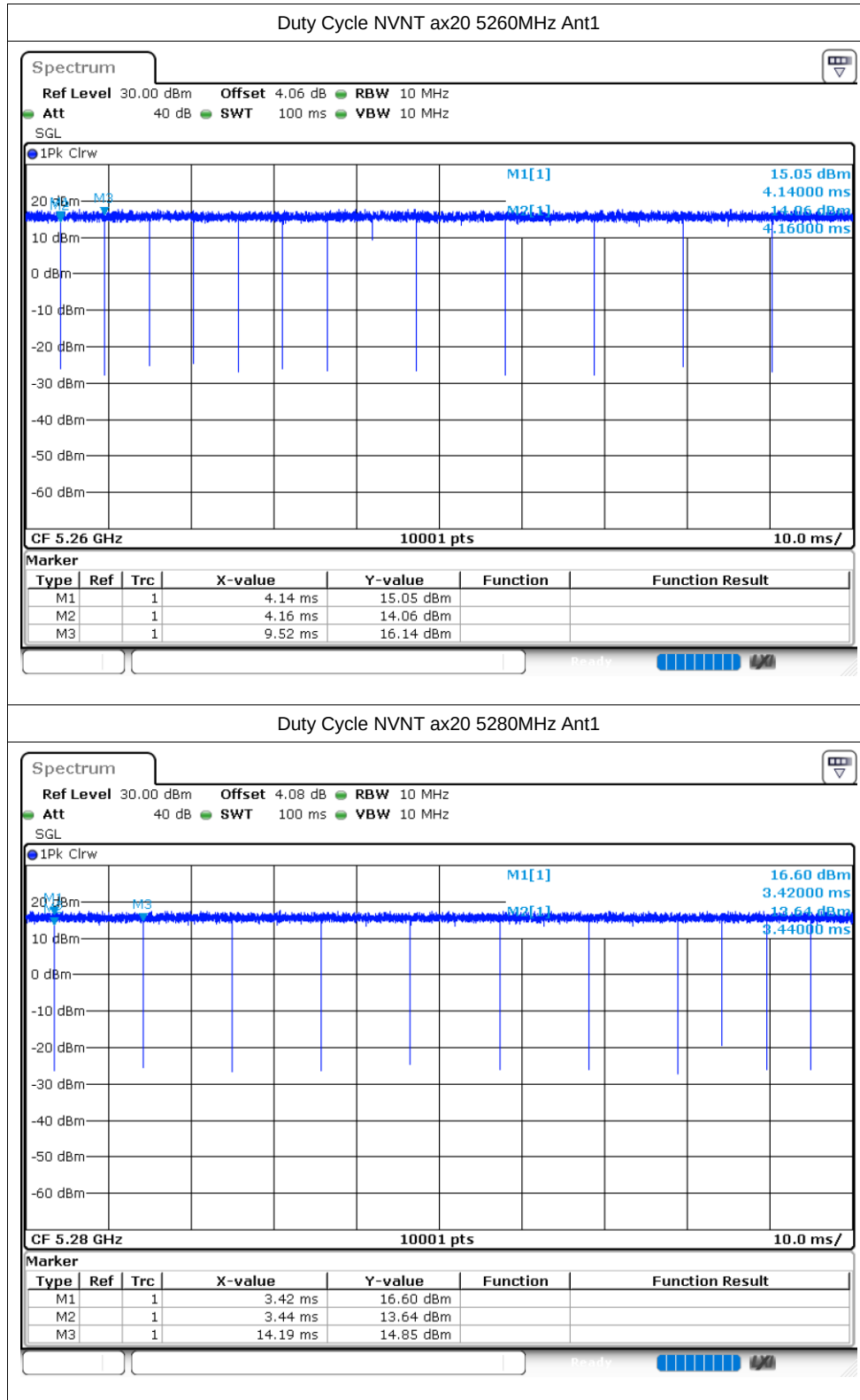
Duty Cycle NVNT ac40 5270MHz Ant2

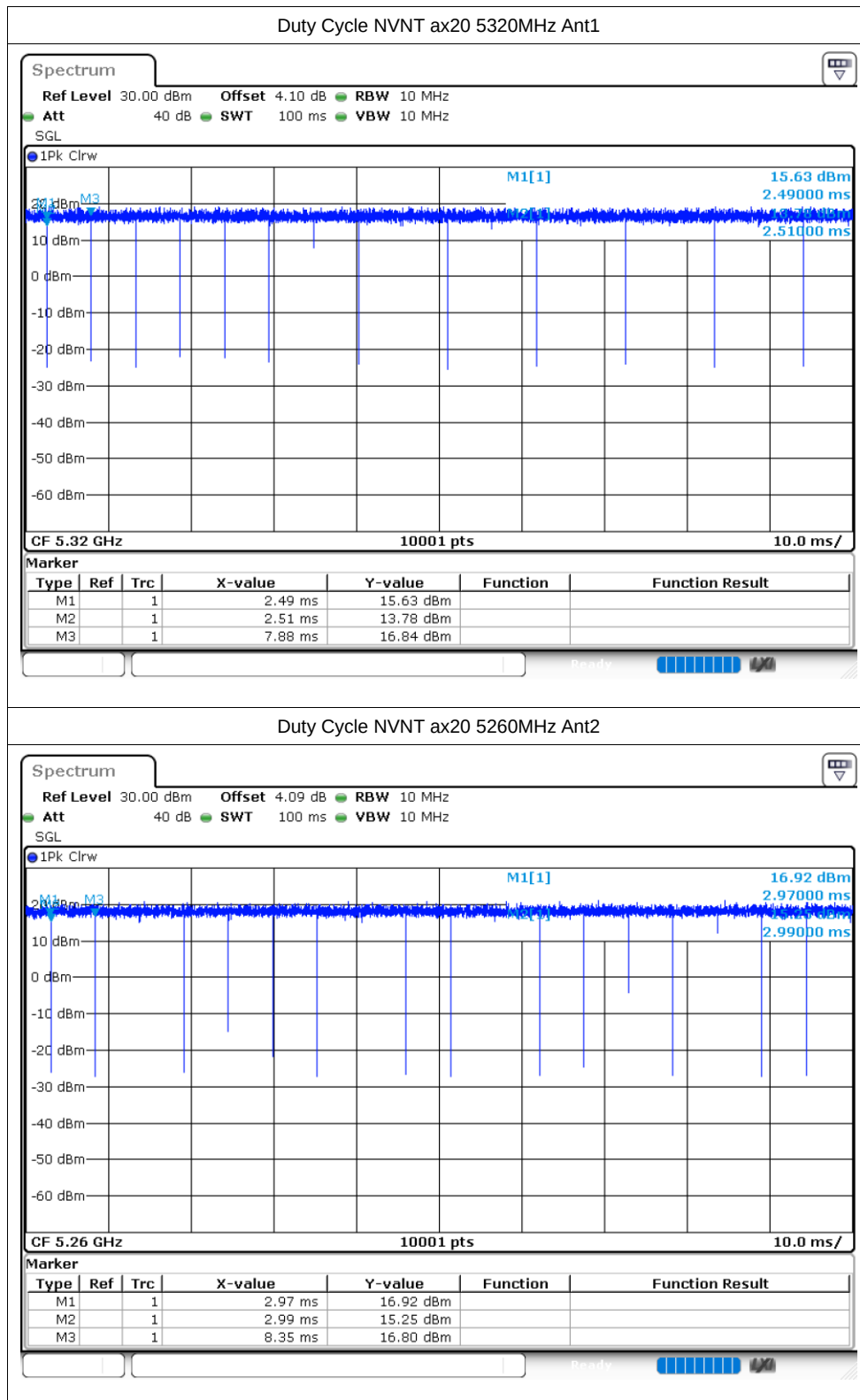


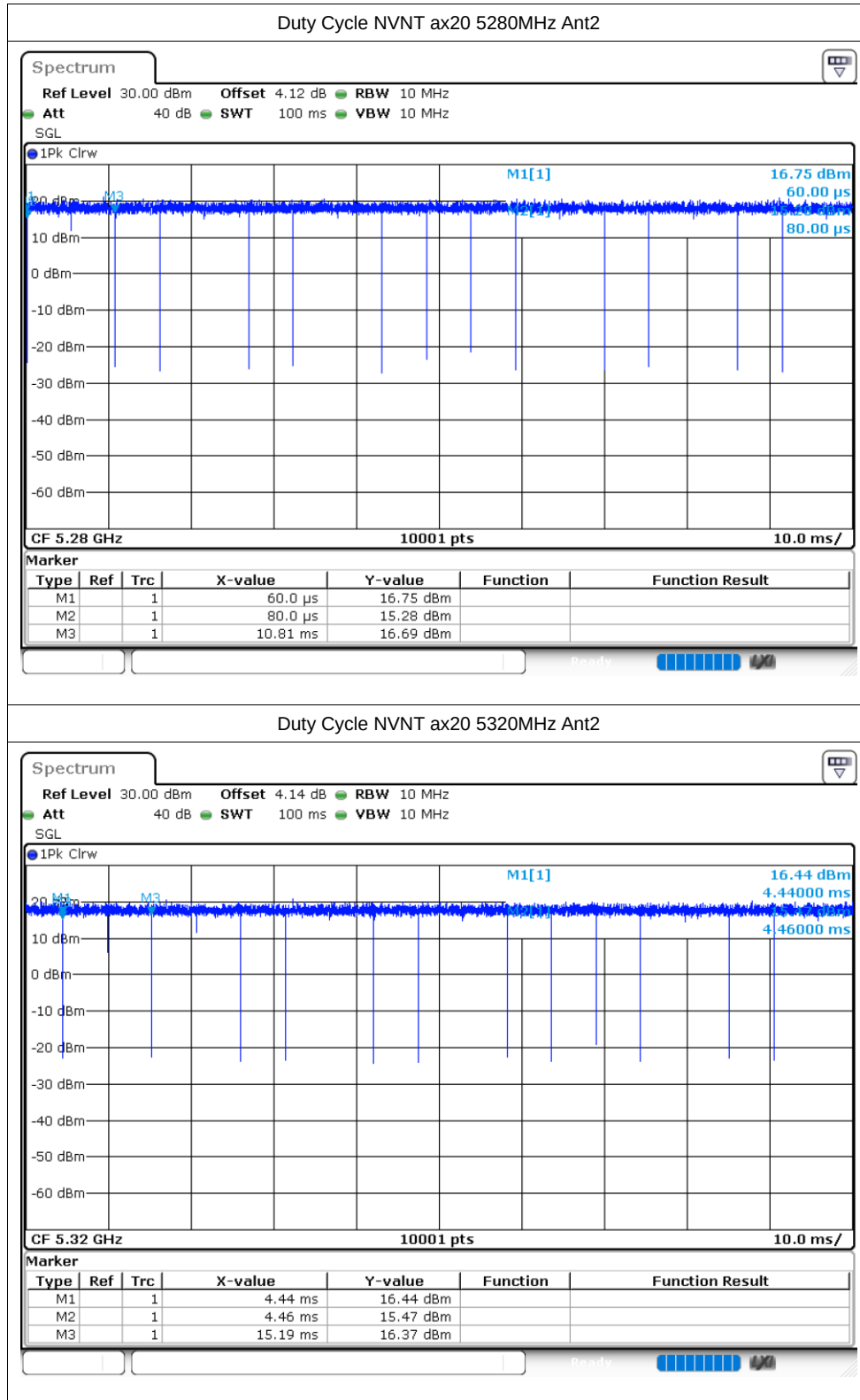
Duty Cycle NVNT ac40 5310MHz Ant2

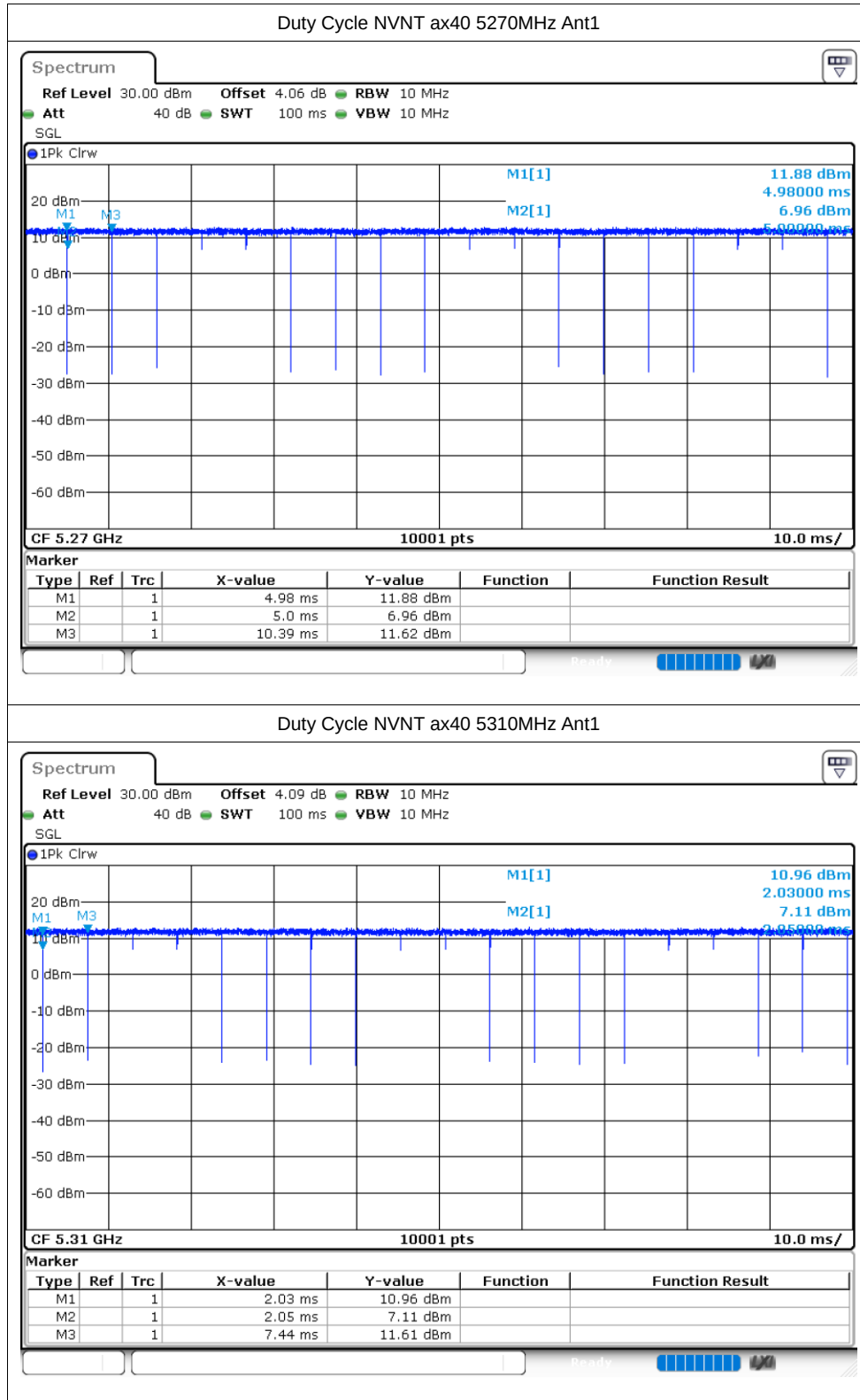


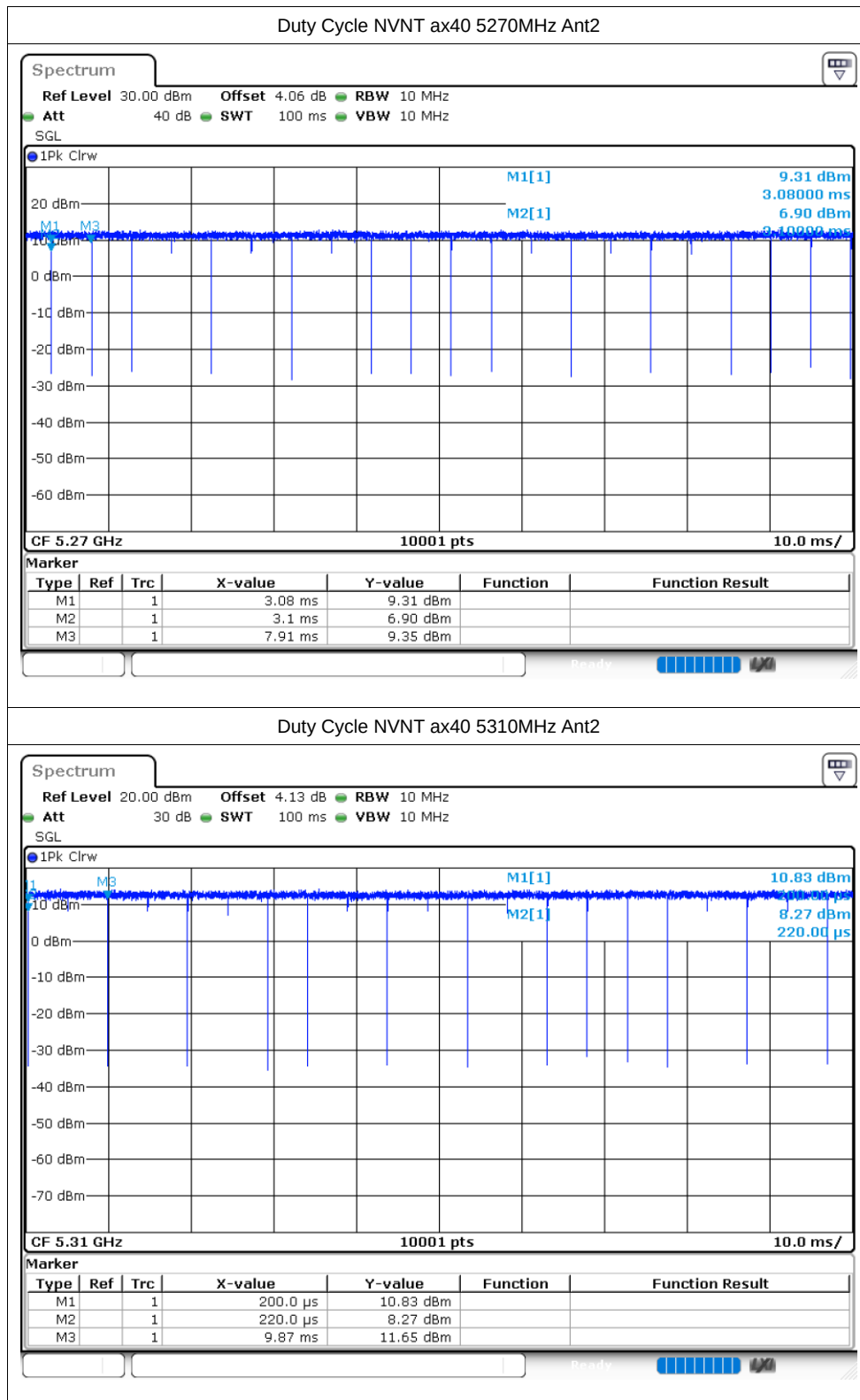


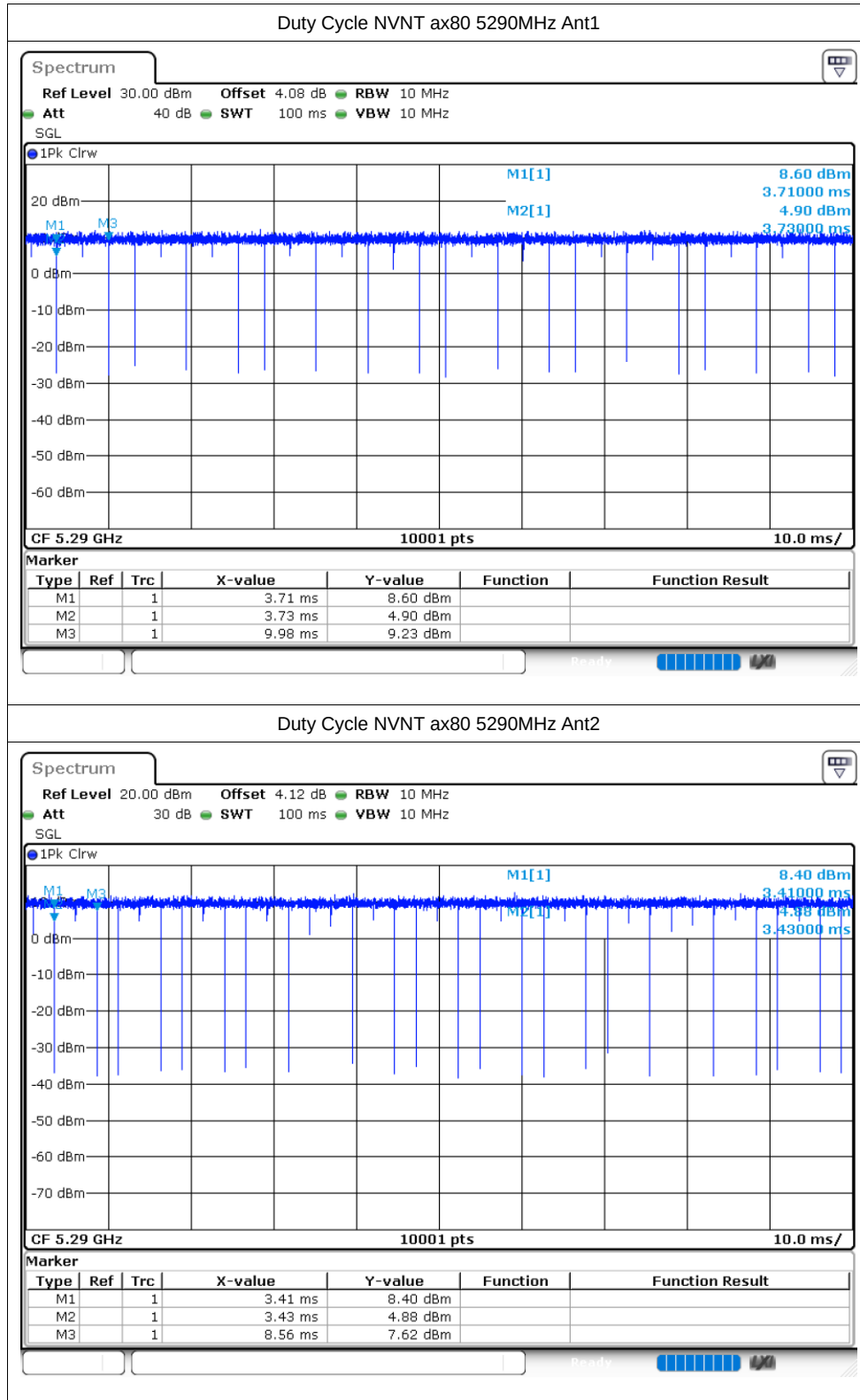












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5260	Ant1	12.16	22.59	Pass
NVNT	ac20	5260	Ant2	13.37	22.59	Pass
NVNT	ac20	5260	Sum	15.82	22.59	Pass
NVNT	ac20	5280	Ant1	12.15	22.59	Pass
NVNT	ac20	5280	Ant2	13.63	22.59	Pass
NVNT	ac20	5280	Sum	15.96	22.59	Pass
NVNT	ac20	5320	Ant1	12.55	22.59	Pass
NVNT	ac20	5320	Ant2	13.94	22.59	Pass
NVNT	ac20	5320	Sum	16.31	22.59	Pass
NVNT	ac40	5270	Ant1	10.44	22.59	Pass
NVNT	ac40	5270	Ant2	11.97	22.59	Pass
NVNT	ac40	5270	Sum	14.28	22.59	Pass
NVNT	ac40	5310	Ant1	10.92	22.59	Pass
NVNT	ac40	5310	Ant2	12.37	22.59	Pass
NVNT	ac40	5310	Sum	14.72	22.59	Pass
NVNT	ac80	5290	Ant1	10.55	22.59	Pass
NVNT	ac80	5290	Ant2	12.05	22.59	Pass
NVNT	ac80	5290	Sum	14.37	22.59	Pass
NVNT	ax20	5260	Ant1	12.23	22.59	Pass
NVNT	ax20	5260	Ant2	13.62	22.59	Pass
NVNT	ax20	5260	Sum	15.99	22.59	Pass
NVNT	ax20	5280	Ant1	12.26	22.59	Pass
NVNT	ax20	5280	Ant2	13.88	22.59	Pass
NVNT	ax20	5280	Sum	16.16	22.59	Pass
NVNT	ax20	5320	Ant1	12.79	22.59	Pass
NVNT	ax20	5320	Ant2	14.25	22.59	Pass
NVNT	ax20	5320	Sum	16.59	22.59	Pass
NVNT	ax40	5270	Ant1	10.36	22.59	Pass
NVNT	ax40	5270	Ant2	11.76	22.59	Pass
NVNT	ax40	5270	Sum	14.13	22.59	Pass
NVNT	ax40	5310	Ant1	10.68	22.59	Pass
NVNT	ax40	5310	Ant2	12.11	22.59	Pass
NVNT	ax40	5310	Sum	14.46	22.59	Pass
NVNT	ax80	5290	Ant1	8.12	22.59	Pass
NVNT	ax80	5290	Ant2	10.12	22.59	Pass
NVNT	ax80	5290	Sum	12.24	22.59	Pass
NVNT	n20	5260	Ant1	11.92	22.58	Pass
NVNT	n20	5260	Ant2	12.82	22.58	Pass
NVNT	n20	5260	Sum	15.4	22.58	Pass

NVNT	n20	5280	Ant1	12.1	22.59	Pass
NVNT	n20	5280	Ant2	12.9	22.59	Pass
NVNT	n20	5280	Sum	15.53	22.59	Pass
NVNT	n20	5320	Ant1	12.58	22.56	Pass
NVNT	n20	5320	Ant2	13.18	22.56	Pass
NVNT	n20	5320	Sum	15.9	22.56	Pass
NVNT	n40	5270	Ant1	10.69	22.59	Pass
NVNT	n40	5270	Ant2	11.92	22.59	Pass
NVNT	n40	5270	Sum	14.36	22.59	Pass
NVNT	n40	5310	Ant1	10.86	22.59	Pass
NVNT	n40	5310	Ant2	12.27	22.59	Pass
NVNT	n40	5310	Sum	14.63	22.59	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	ac20	5260	Ant1	20.367	Pass
NVNT	ac20	5260	Ant2	20.157	Pass
NVNT	ac20	5280	Ant1	20.445	Pass
NVNT	ac20	5280	Ant2	19.971	Pass
NVNT	ac20	5320	Ant1	20.787	Pass
NVNT	ac20	5320	Ant2	19.98	Pass
NVNT	ac40	5270	Ant1	40.098	Pass
NVNT	ac40	5270	Ant2	39.666	Pass
NVNT	ac40	5310	Ant1	40.236	Pass
NVNT	ac40	5310	Ant2	39.624	Pass
NVNT	ac80	5290	Ant1	81.48	Pass
NVNT	ac80	5290	Ant2	80.82	Pass
NVNT	ax20	5260	Ant1	20.853	Pass
NVNT	ax20	5260	Ant2	20.196	Pass
NVNT	ax20	5280	Ant1	20.529	Pass
NVNT	ax20	5280	Ant2	20.319	Pass
NVNT	ax20	5320	Ant1	20.649	Pass
NVNT	ax20	5320	Ant2	20.505	Pass
NVNT	ax40	5270	Ant1	40.164	Pass
NVNT	ax40	5270	Ant2	40.476	Pass
NVNT	ax40	5310	Ant1	40.284	Pass
NVNT	ax40	5310	Ant2	40.326	Pass
NVNT	ax80	5290	Ant1	81.324	Pass
NVNT	ax80	5290	Ant2	81.492	Pass
NVNT	n20	5260	Ant1	20.055	Pass
NVNT	n20	5260	Ant2	19.887	Pass
NVNT	n20	5280	Ant1	20.358	Pass
NVNT	n20	5280	Ant2	20.574	Pass
NVNT	n20	5320	Ant1	20.385	Pass
NVNT	n20	5320	Ant2	19.809	Pass
NVNT	n40	5270	Ant1	39.822	Pass
NVNT	n40	5270	Ant2	39.63	Pass
NVNT	n40	5310	Ant1	39.918	Pass
NVNT	n40	5310	Ant2	39.57	Pass

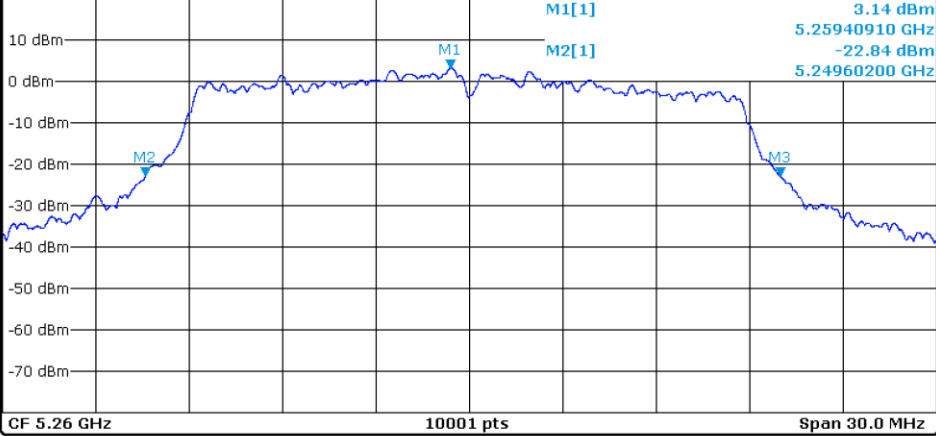
Test Graphs

-26dB Bandwidth NVNT ac20 5260MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.06 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

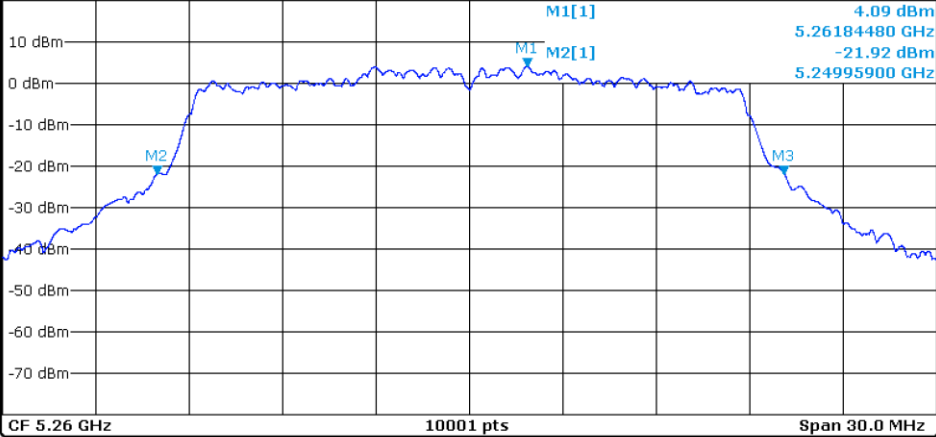
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2594091 GHz	3.14 dBm		
M2		1	5.249602 GHz	-22.84 dBm		
M3		1	5.269969 GHz	-22.87 dBm		

-26dB Bandwidth NVNT ac20 5260MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.09 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

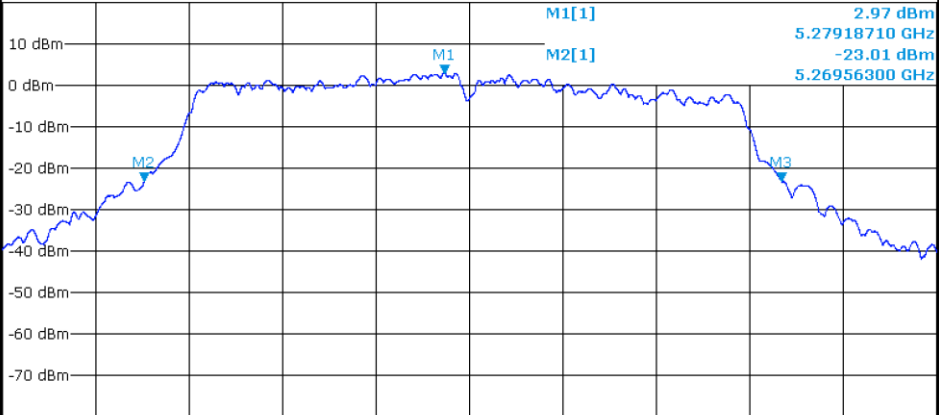
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2618448 GHz	4.09 dBm		
M2		1	5.249959 GHz	-21.92 dBm		
M3		1	5.270116 GHz	-21.91 dBm		

-26dB Bandwidth NVNT ac20 5280MHz Ant1

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 5.28 GHz 10001 pts Span 30.0 MHz

Marker

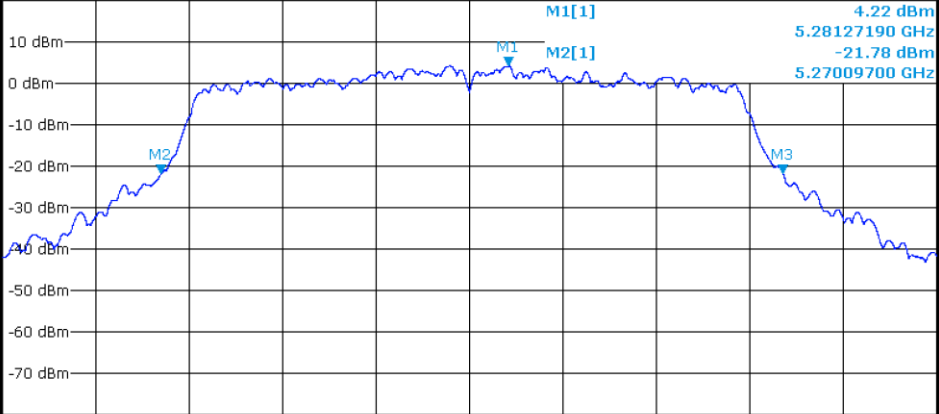
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2791871 GHz	2.97 dBm		
M2		1	5.269563 GHz	-23.01 dBm		
M3		1	5.290008 GHz	-23.03 dBm		

-26dB Bandwidth NVNT ac20 5280MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.12 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 5.28 GHz 10001 pts Span 30.0 MHz

Marker

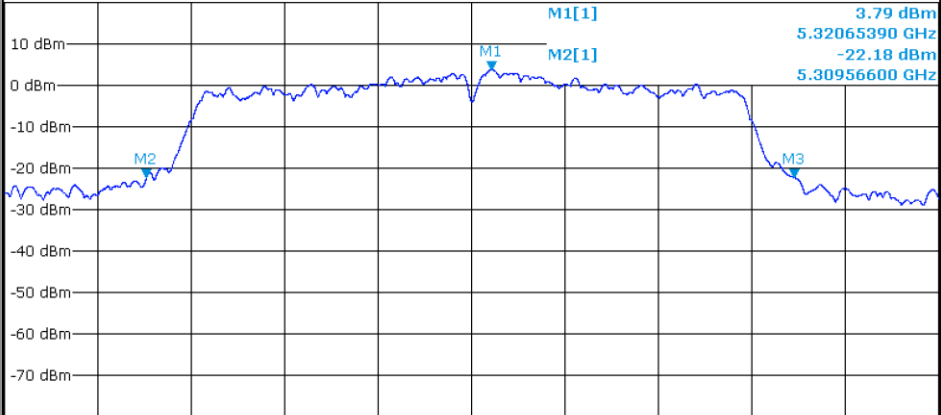
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2812719 GHz	4.22 dBm		
M2		1	5.270097 GHz	-21.78 dBm		
M3		1	5.290068 GHz	-21.78 dBm		

-26dB Bandwidth NVNT ac20 5320MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.10 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 5.32 GHz

10001 pts

Span 30.0 MHz

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.3206539 GHz	3.79 dBm		
M2		1	5.309566 GHz	-22.18 dBm		
M3		1	5.330353 GHz	-22.23 dBm		

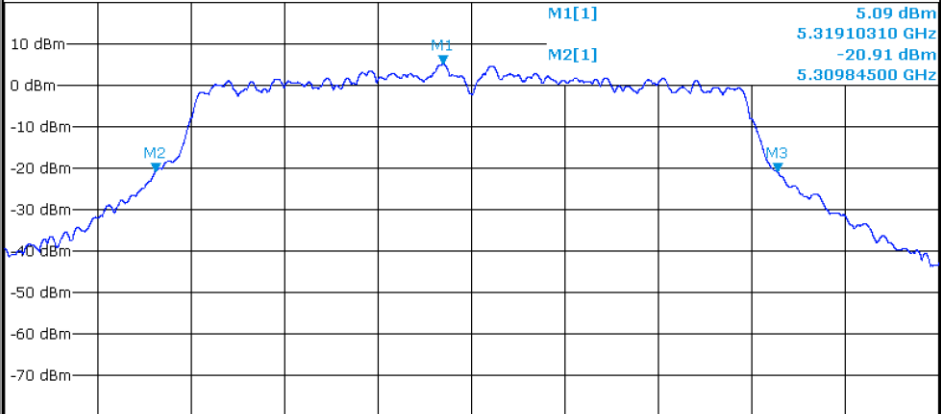
Ready

-26dB Bandwidth NVNT ac20 5320MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.14 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 5.32 GHz

10001 pts

Span 30.0 MHz

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.3191031 GHz	5.09 dBm		
M2		1	5.309845 GHz	-20.91 dBm		
M3		1	5.329825 GHz	-20.90 dBm		

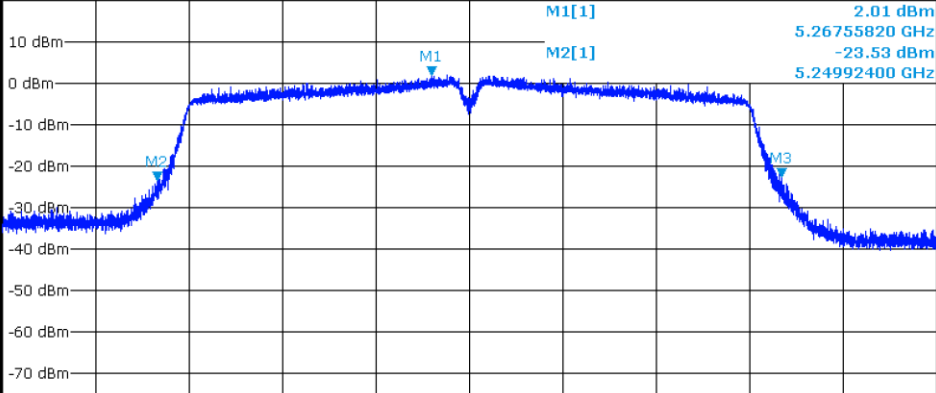
Ready

-26dB Bandwidth NVNT ac40 5270MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.06 dB RBW 500 kHz
Att 35 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 5.27 GHz

10001 pts

Span 60.0 MHz

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2675582 GHz	2.01 dBm		
M2		1	5.249924 GHz	-23.53 dBm		
M3		1	5.290022 GHz	-22.56 dBm		

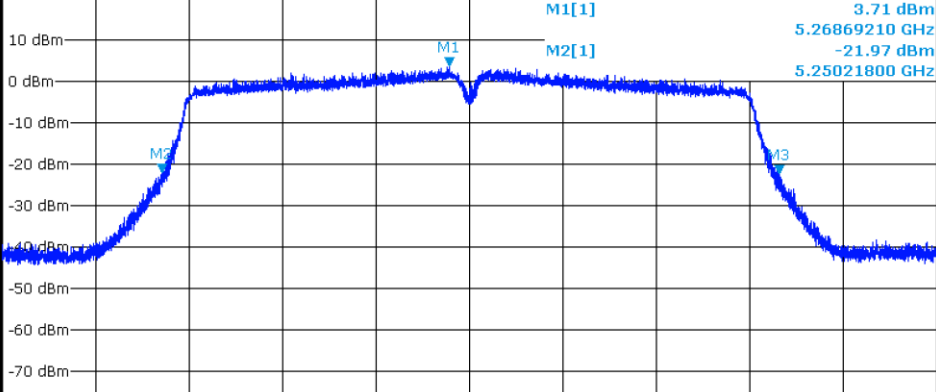
Ready

-26dB Bandwidth NVNT ac40 5270MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.10 dB RBW 500 kHz
Att 35 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 5.27 GHz

10001 pts

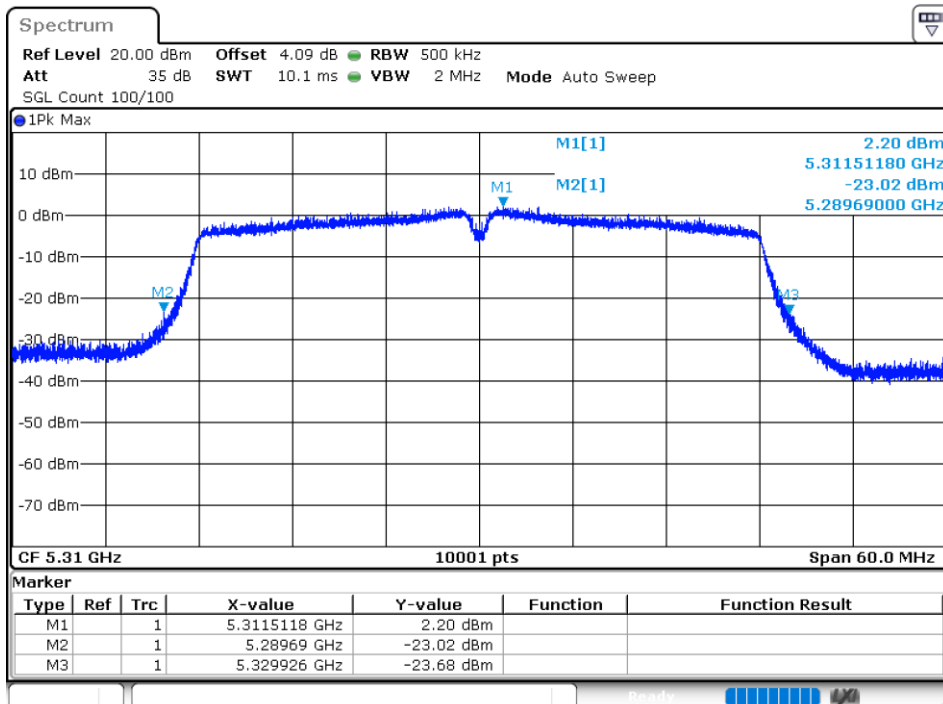
Span 60.0 MHz

Marker

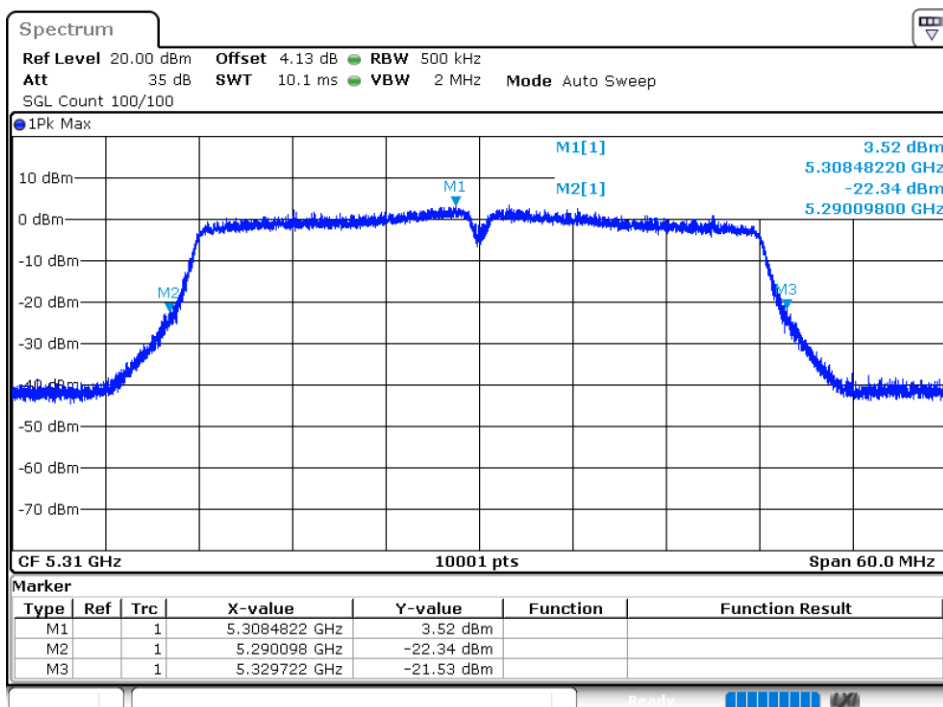
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2686921 GHz	3.71 dBm		
M2		1	5.250218 GHz	-21.97 dBm		
M3		1	5.289884 GHz	-22.26 dBm		

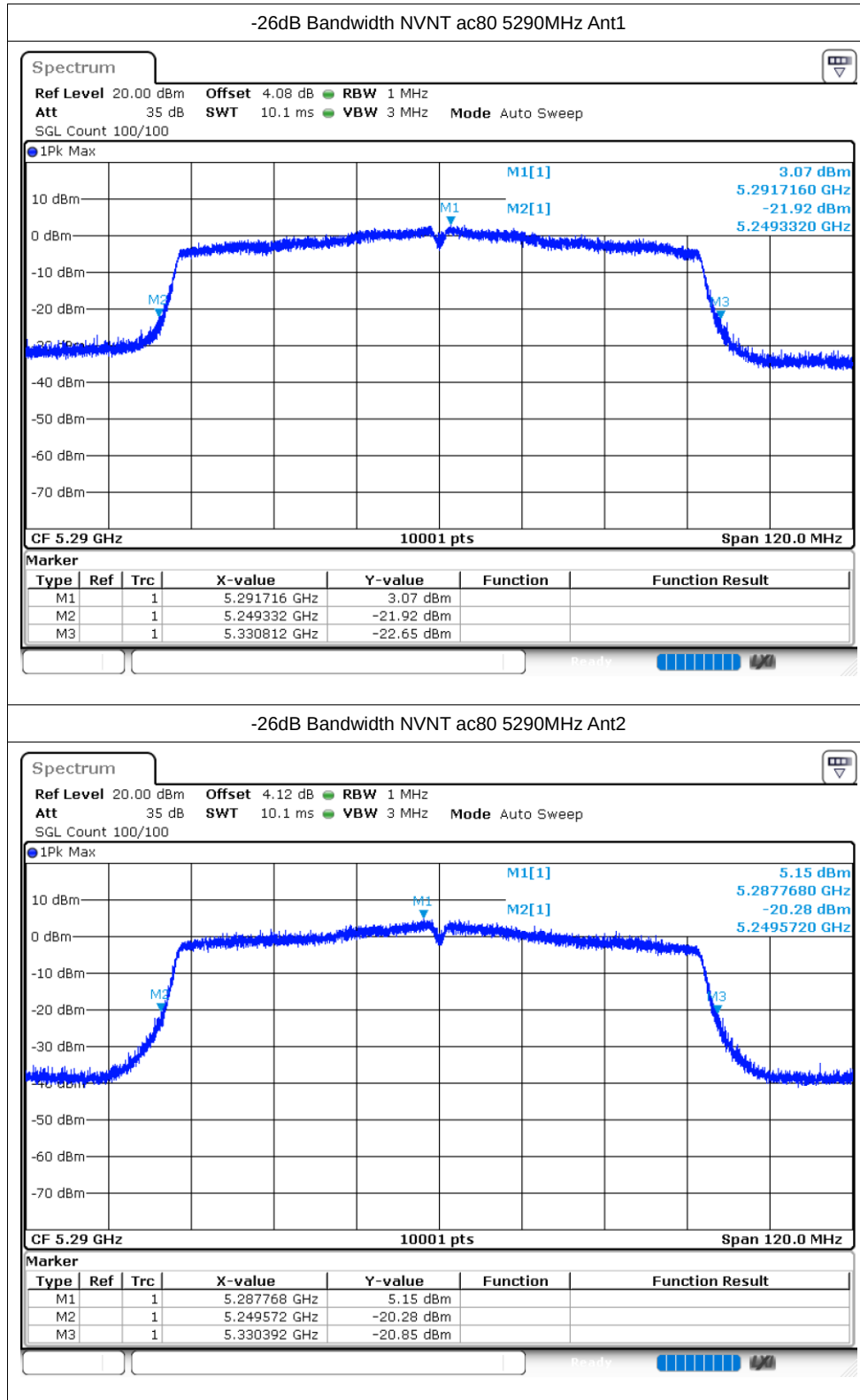
Ready

-26dB Bandwidth NVNT ac40 5310MHz Ant1

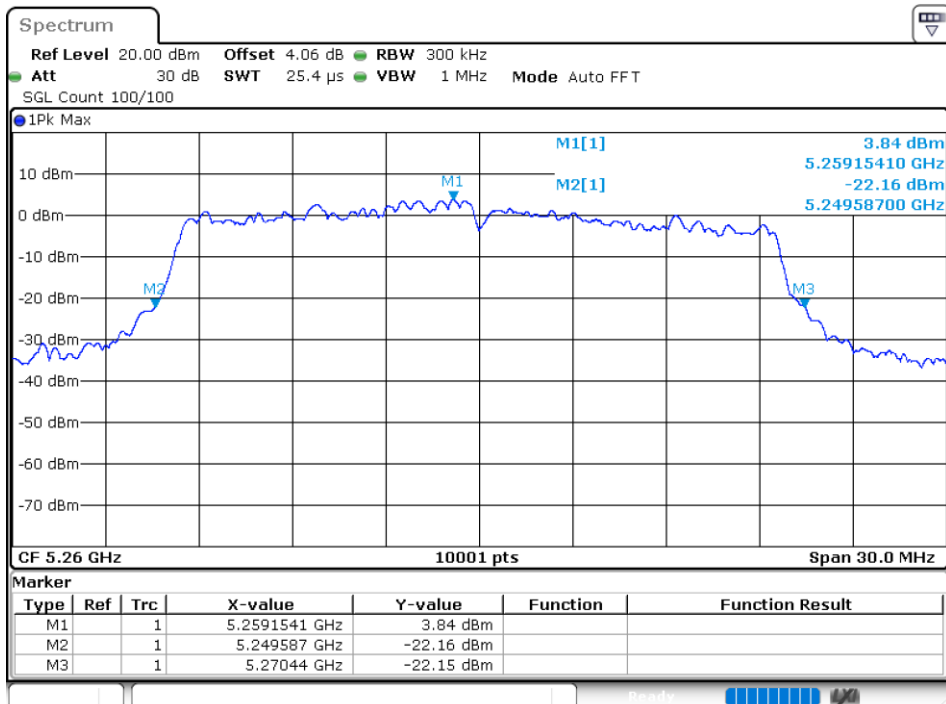


-26dB Bandwidth NVNT ac40 5310MHz Ant2





-26dB Bandwidth NVNT ax20 5260MHz Ant1



-26dB Bandwidth NVNT ax20 5260MHz Ant2

