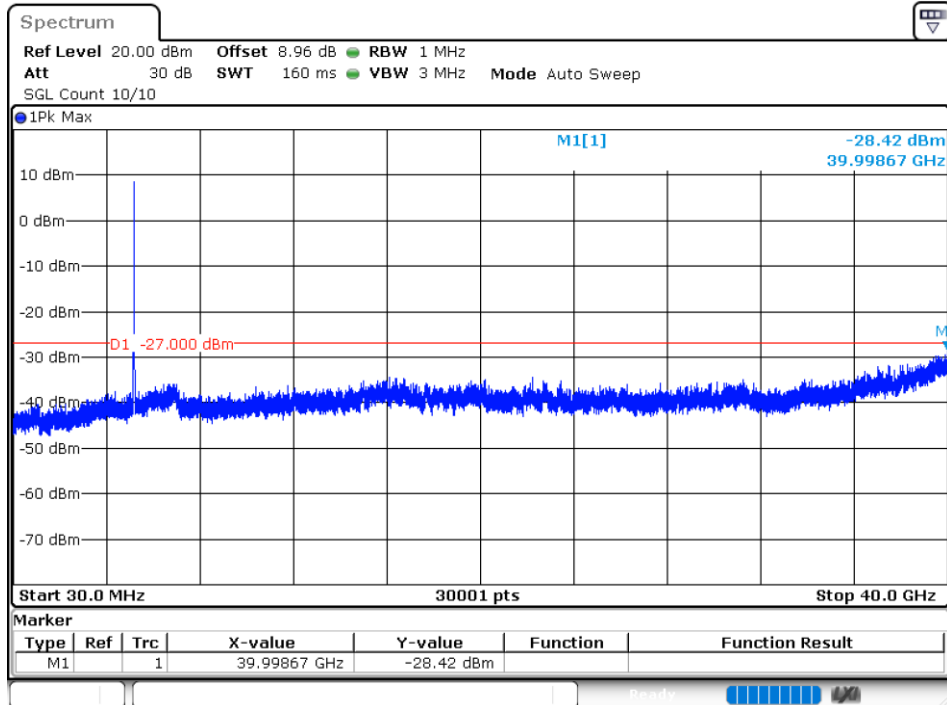
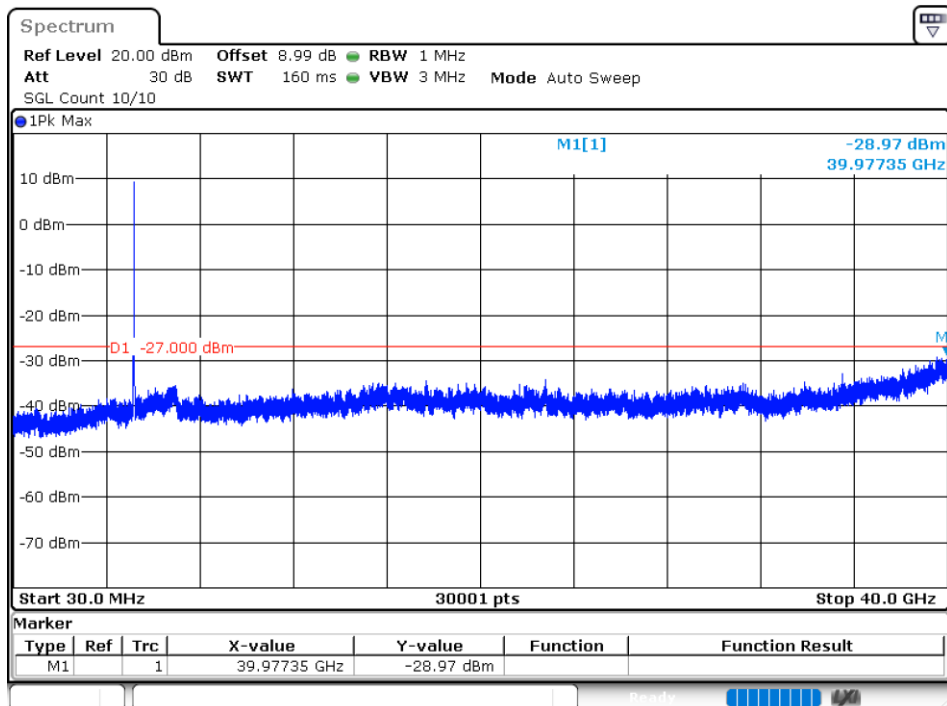


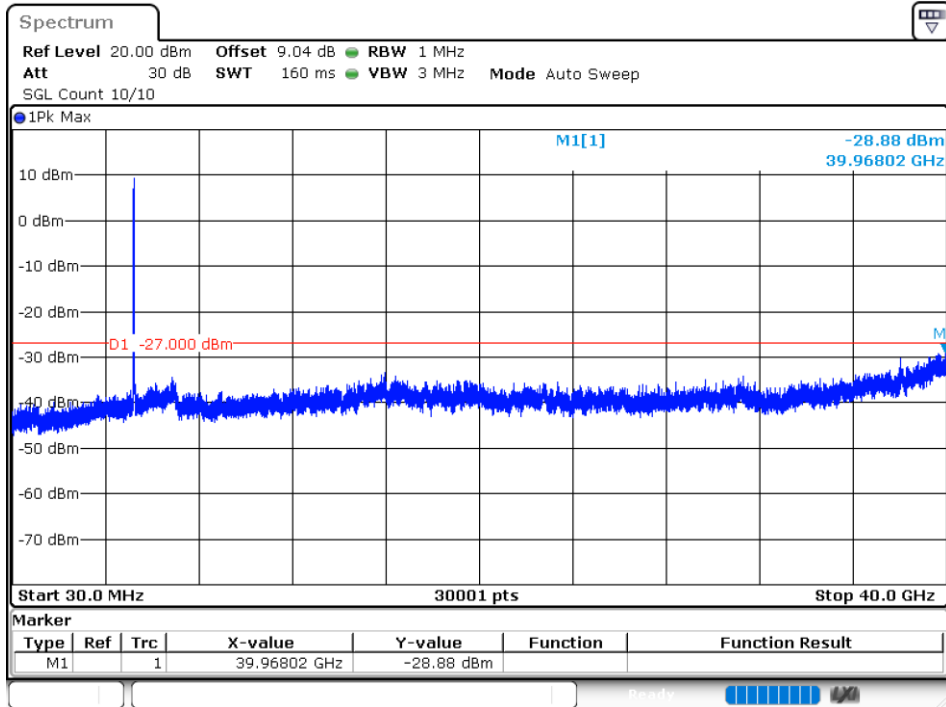
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



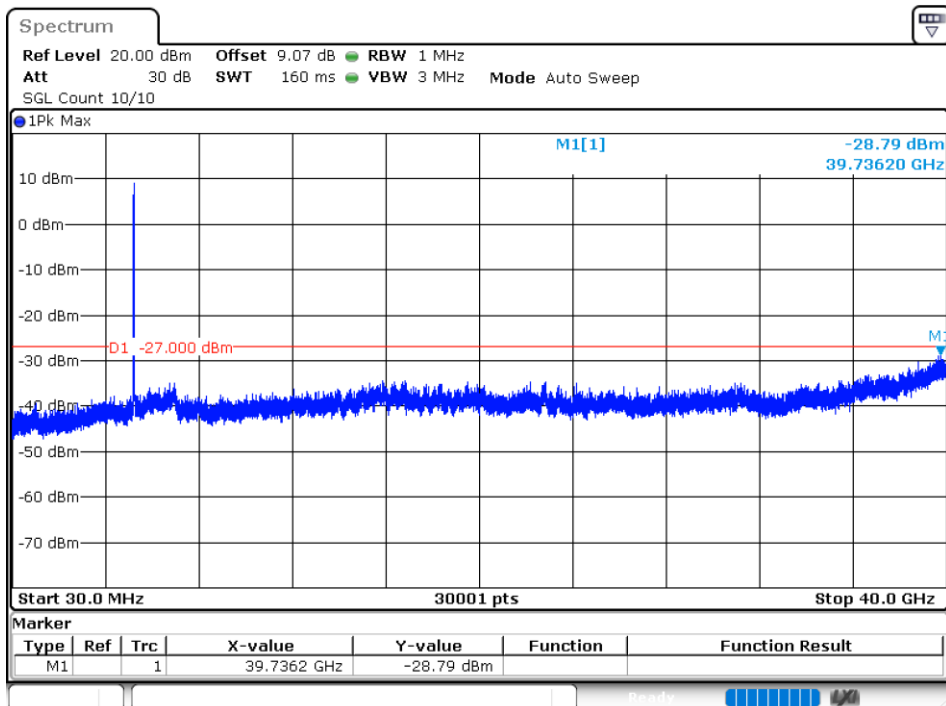
Tx. Spurious NVNT n40 5190MHz Ant2 Emission



Tx. Spurious NVNT n40 5230MHz Ant1 Emission



Tx. Spurious NVNT n40 5230MHz Ant2 Emission



5.3G WIFI

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	93.16	0.31	0.49
NVNT	a	5280	Ant1	93.43	0.3	0.49
NVNT	a	5320	Ant1	93	0.32	0.48
NVNT	a	5260	Ant2	93.26	0.3	0.49
NVNT	a	5280	Ant2	93.26	0.3	0.48
NVNT	a	5320	Ant2	93.05	0.31	0.49
NVNT	n20	5260	Ant1	92.91	0.32	0.52
NVNT	n20	5280	Ant1	92.63	0.33	0.52
NVNT	n20	5320	Ant1	92.94	0.32	0.52
NVNT	n20	5260	Ant2	92.72	0.33	0.52
NVNT	n20	5280	Ant2	92.59	0.33	0.52
NVNT	n20	5320	Ant2	93.17	0.31	0.52
NVNT	n40	5270	Ant1	85.93	0.66	1.06
NVNT	n40	5310	Ant1	85.97	0.66	1.06
NVNT	n40	5270	Ant2	86.1	0.65	1.05
NVNT	n40	5310	Ant2	85.45	0.68	1.06
NVNT	ac20	5260	Ant1	91.72	0.38	0.52
NVNT	ac20	5280	Ant1	91.7	0.38	0.52
NVNT	ac20	5320	Ant1	92	0.36	0.52
NVNT	ac20	5260	Ant2	92.04	0.36	0.52
NVNT	ac20	5280	Ant2	91.47	0.39	0.52
NVNT	ac20	5320	Ant2	91.48	0.39	0.52
NVNT	ac40	5270	Ant1	84.28	0.74	1.05
NVNT	ac40	5310	Ant1	84.31	0.74	1.04
NVNT	ac40	5270	Ant2	83.87	0.76	1.05
NVNT	ac40	5310	Ant2	83.99	0.76	1.05
NVNT	ac80	5290	Ant1	73.3	1.35	2.17
NVNT	ac80	5290	Ant2	72.57	1.39	2.13

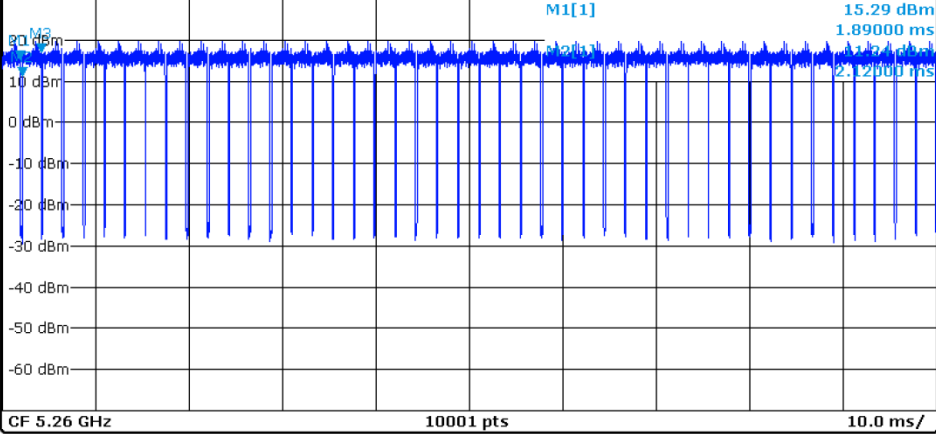
Test Graphs

Duty Cycle NVNT a 5260MHz Ant1

Spectrum

Ref Level 30.00 dBm Offset 4.06 dB RBW 10 MHz
 Att 40 dB SWT 100 ms VBW 10 MHz
 SGL

1Pk Clrw



Marker

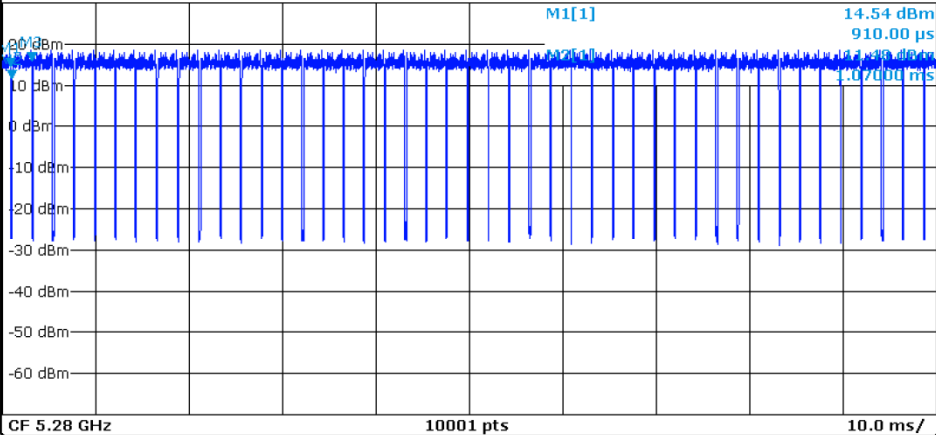
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.89 ms	15.29 dBm		
M2		1	2.12 ms	11.24 dBm		
M3		1	4.18 ms	17.08 dBm		

Duty Cycle NVNT a 5280MHz Ant1

Spectrum

Ref Level 30.00 dBm Offset 4.08 dB RBW 10 MHz
 Att 40 dB SWT 100 ms VBW 10 MHz
 SGL

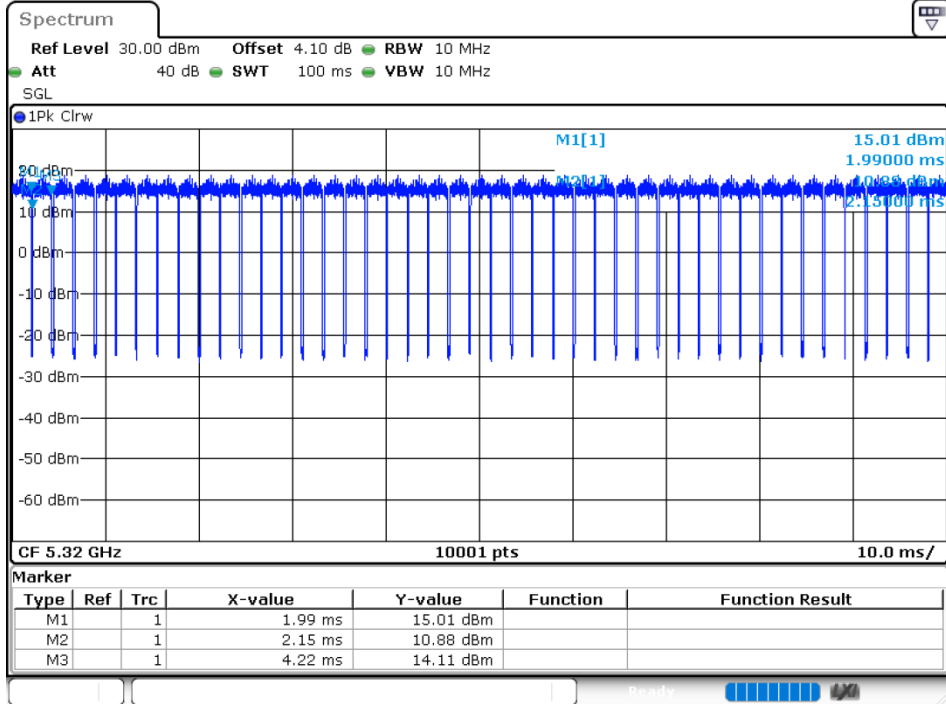
1Pk Clrw



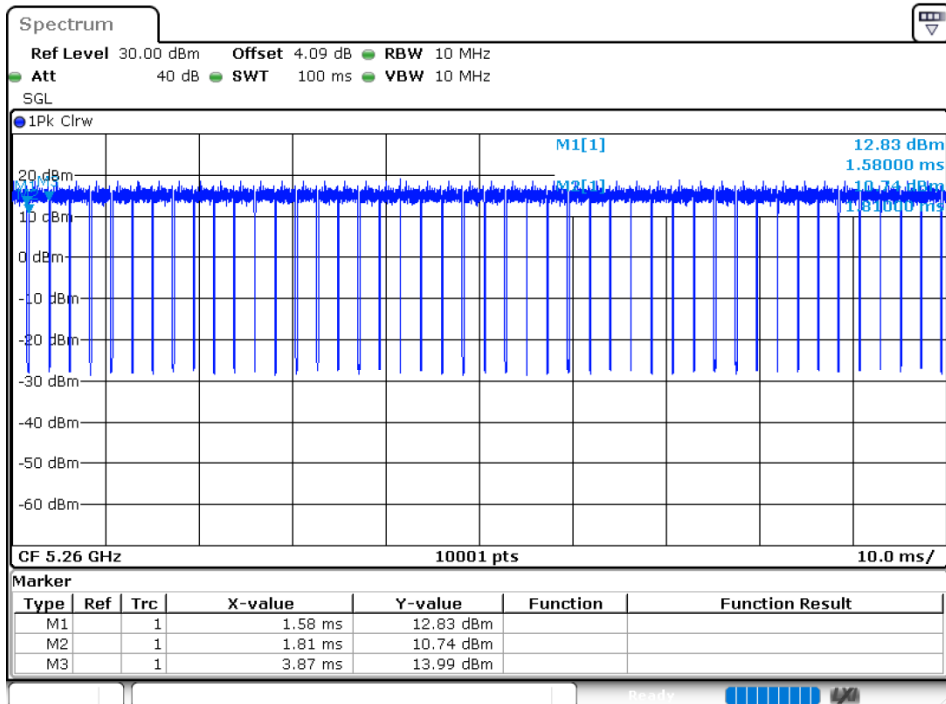
Marker

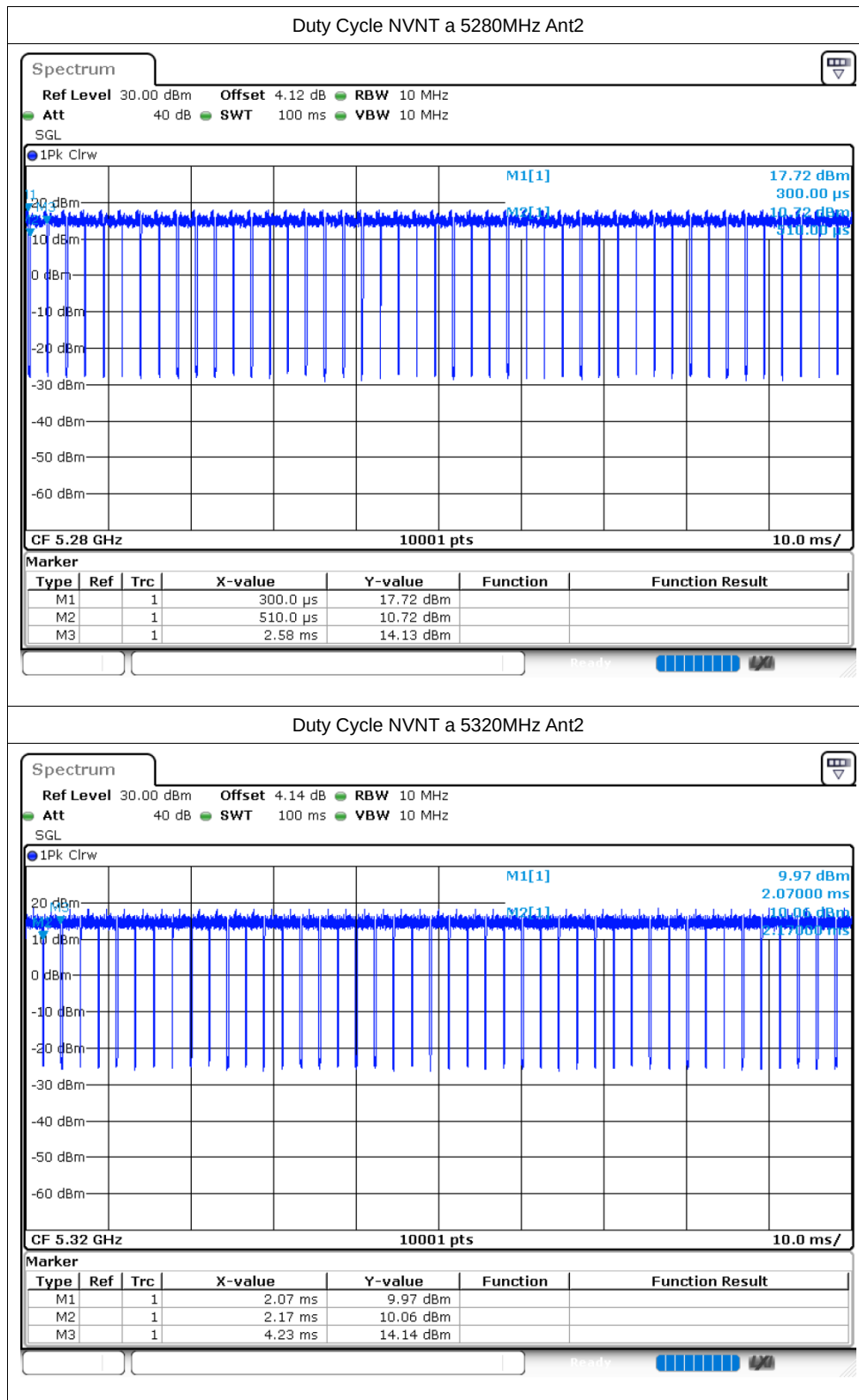
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	910.0 µs	14.54 dBm		
M2		1	1.07 ms	11.48 dBm		
M3		1	3.13 ms	15.97 dBm		

Duty Cycle NVNT a 5320MHz Ant1

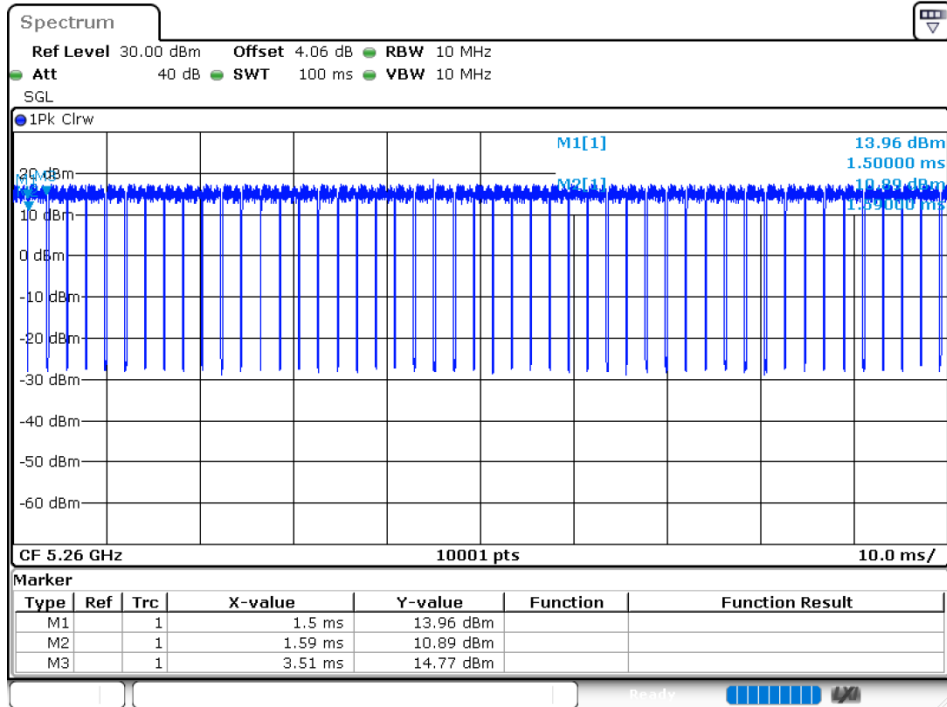


Duty Cycle NVNT a 5260MHz Ant2

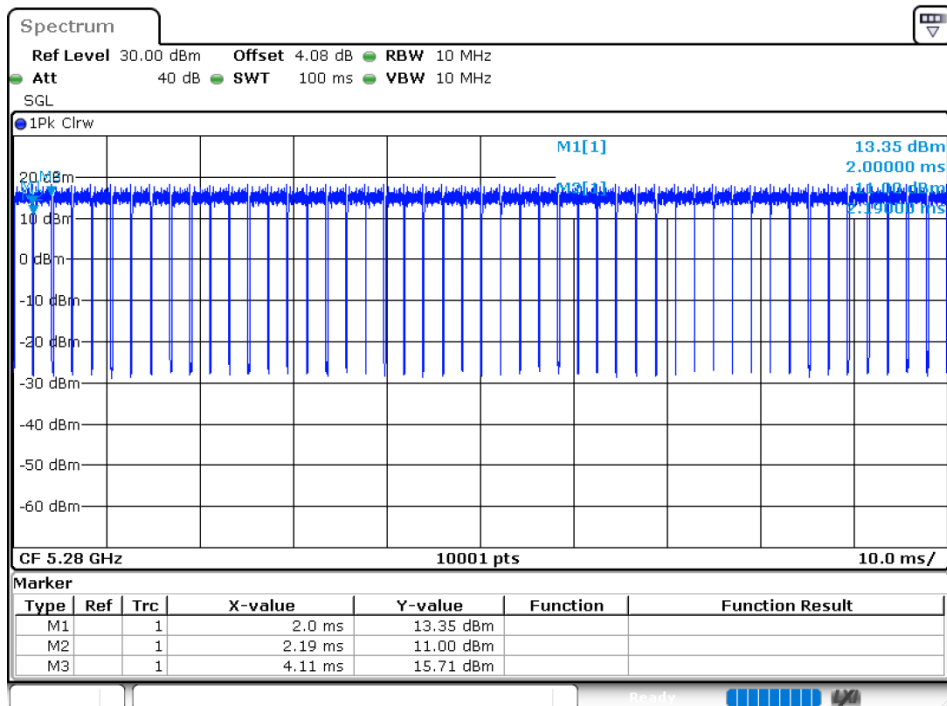


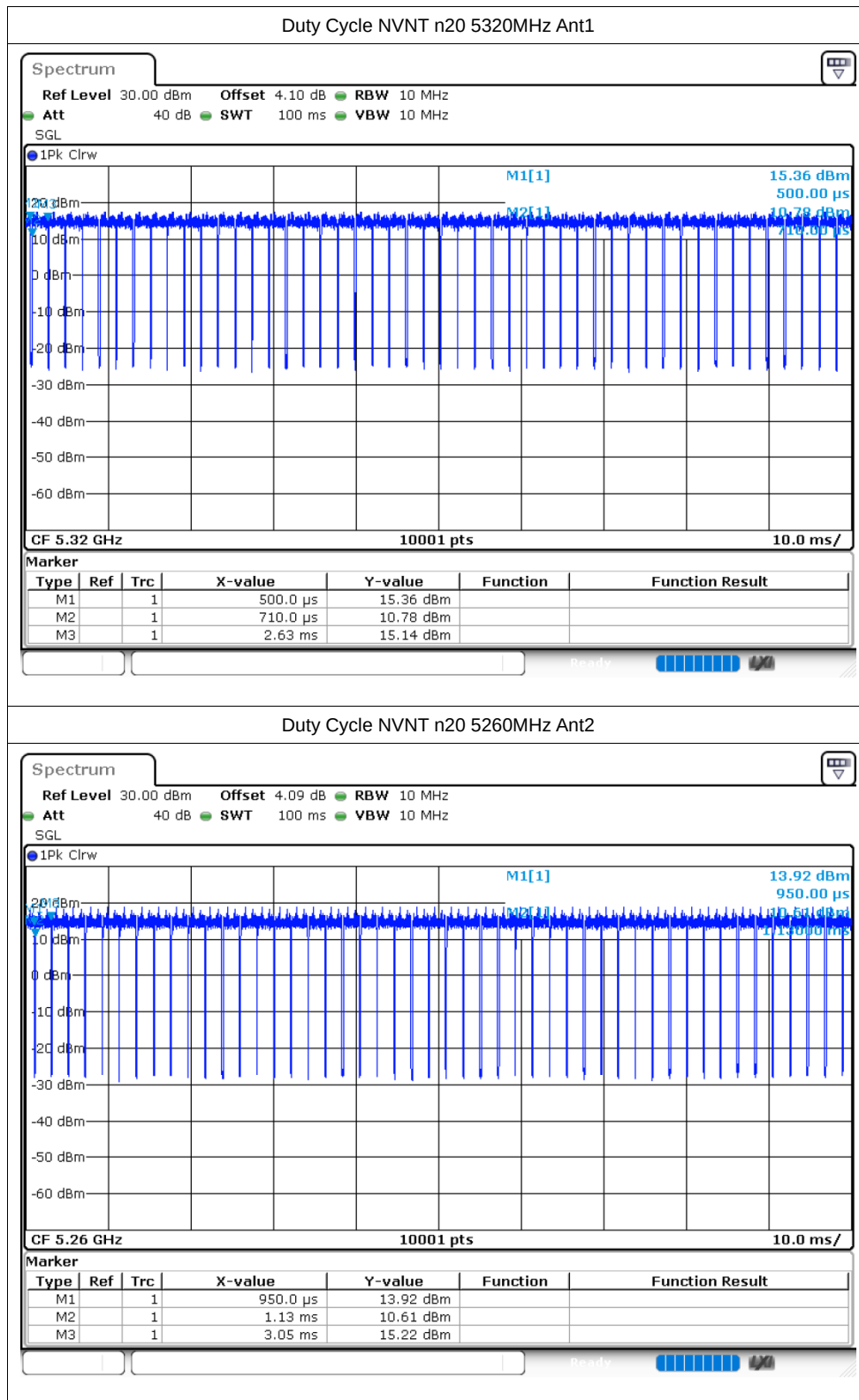


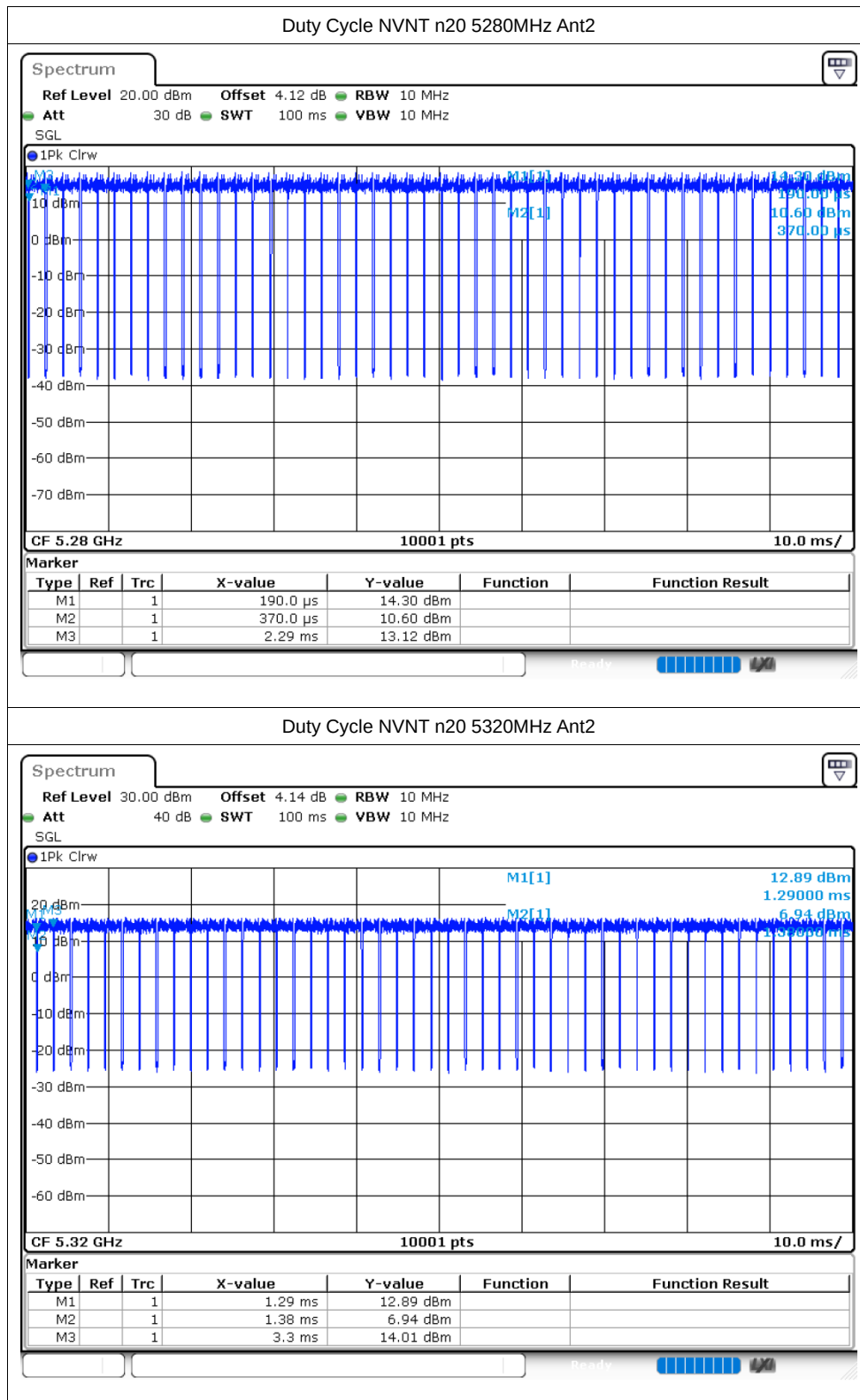
Duty Cycle NVNT n20 5260MHz Ant1

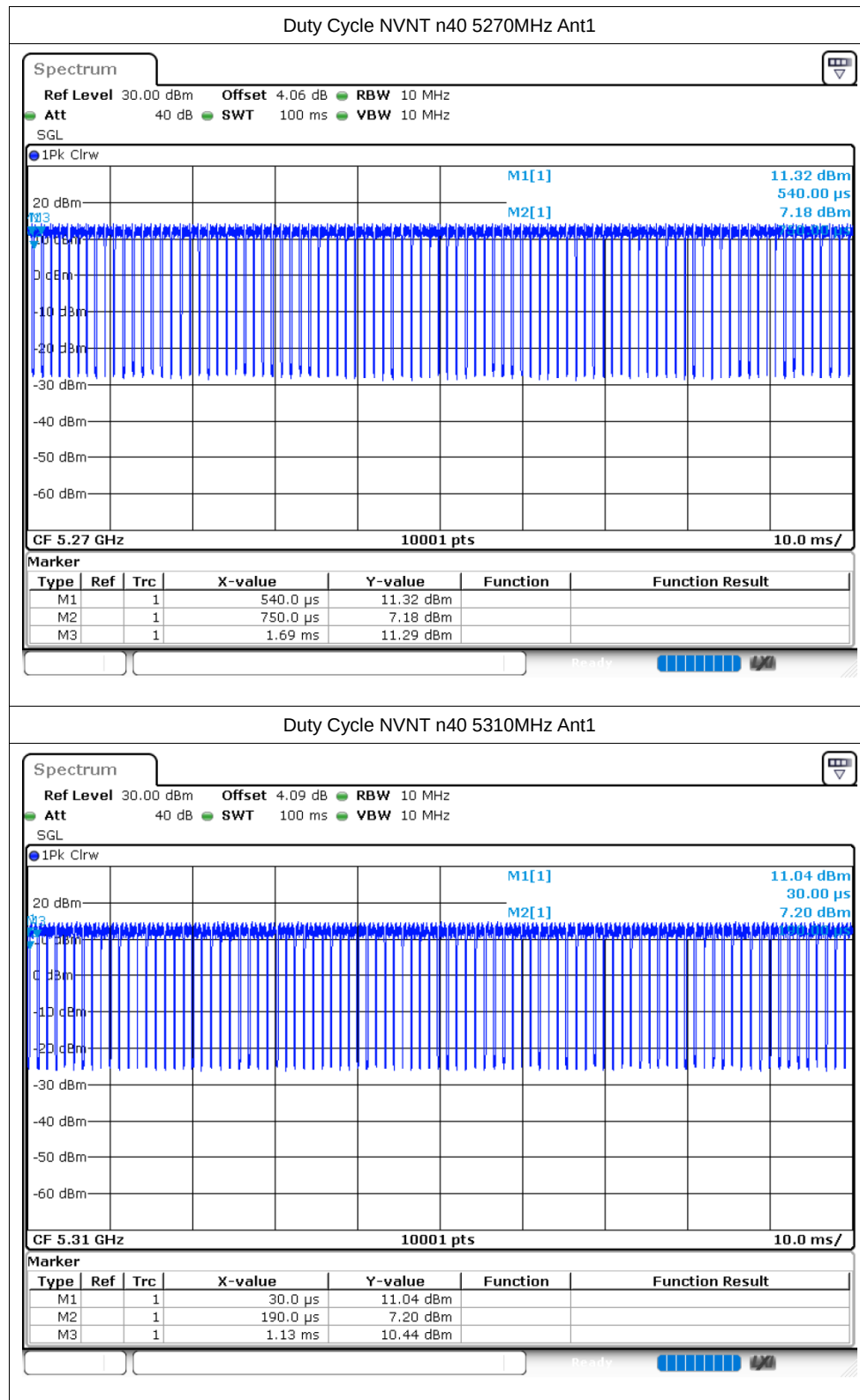


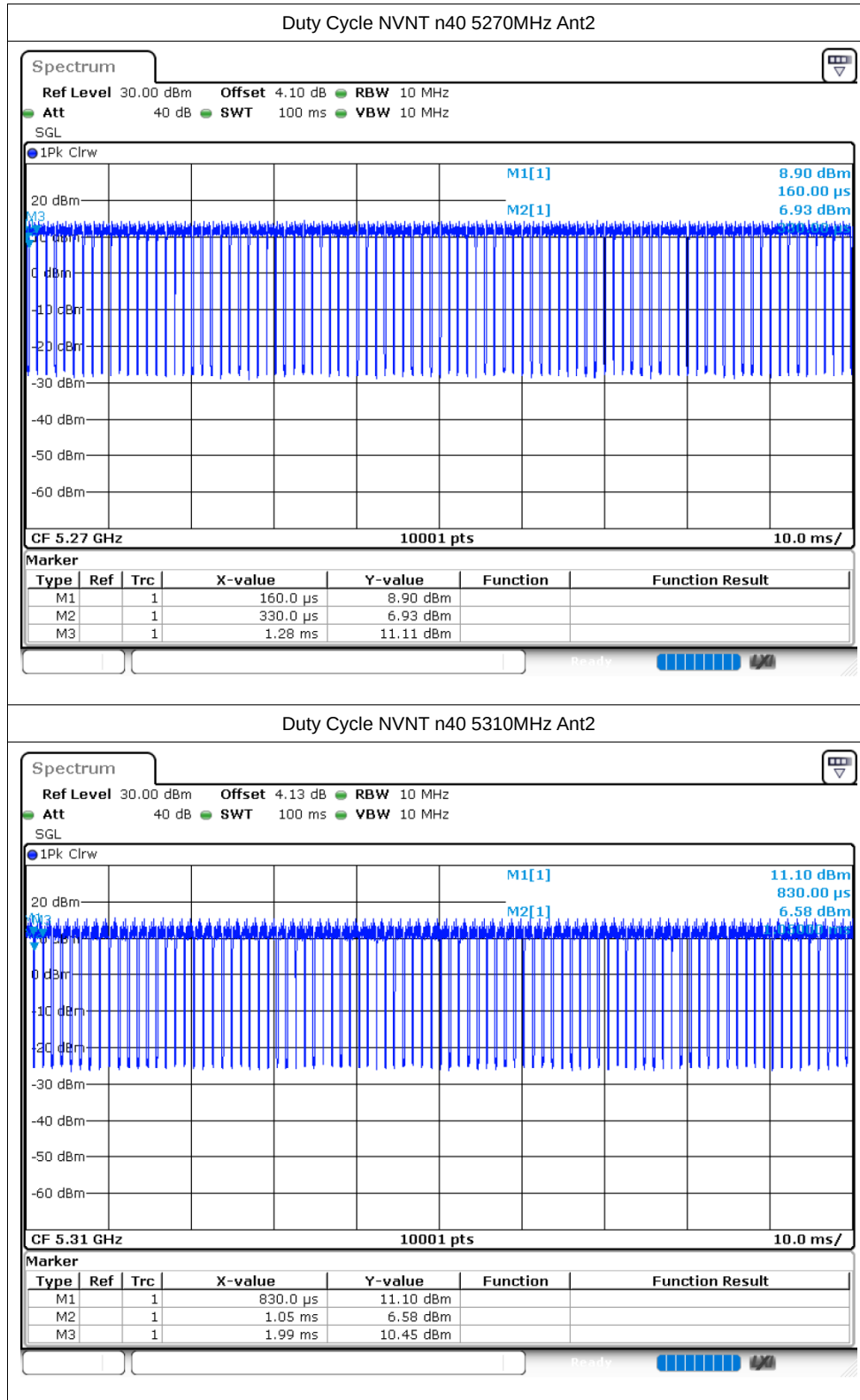
Duty Cycle NVNT n20 5280MHz Ant1



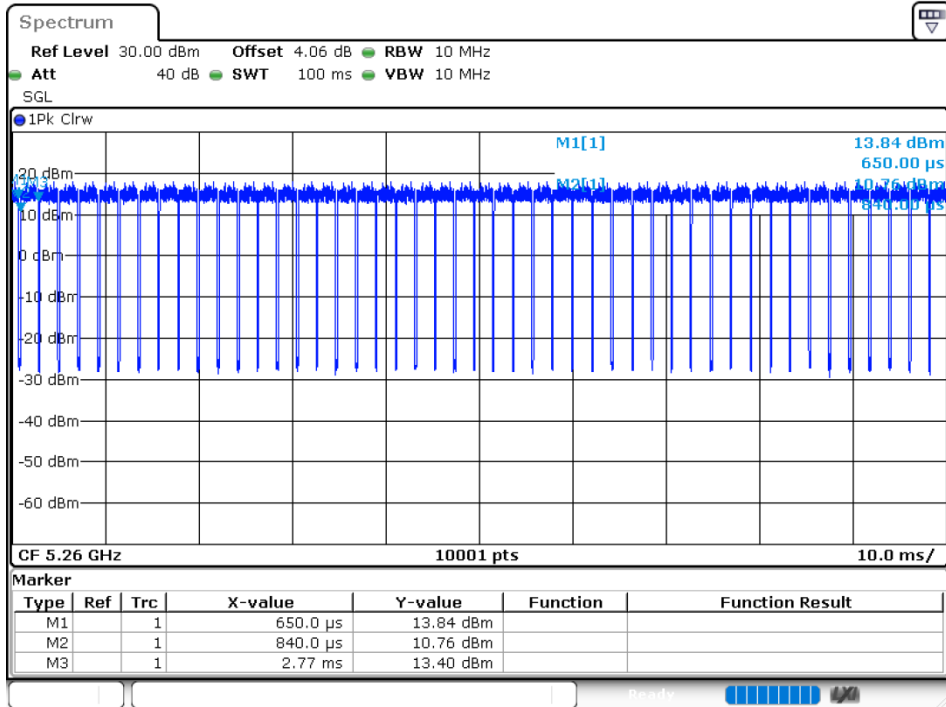




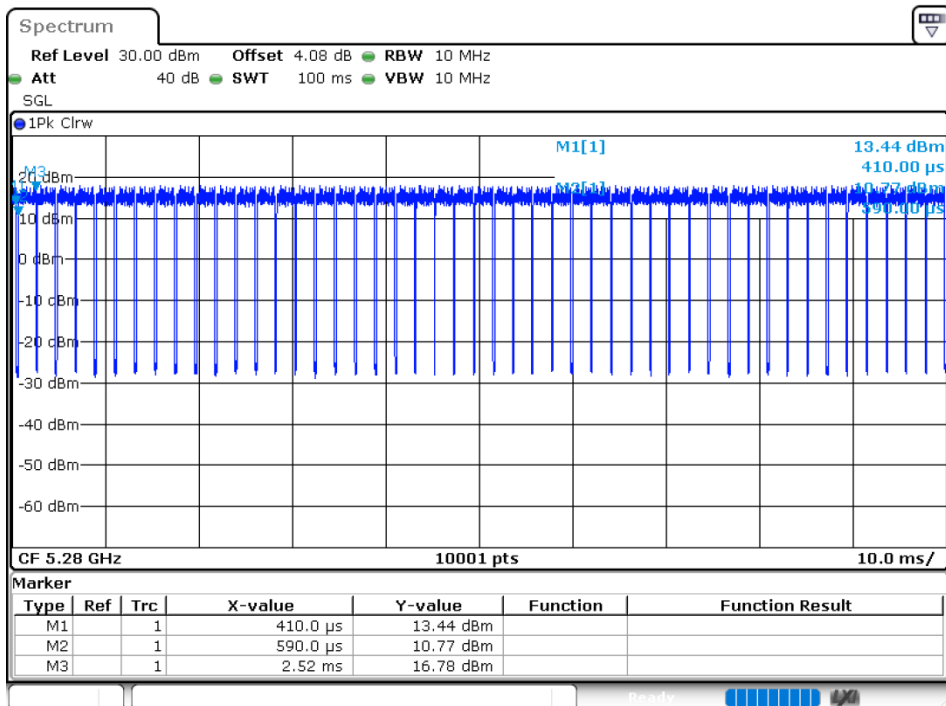


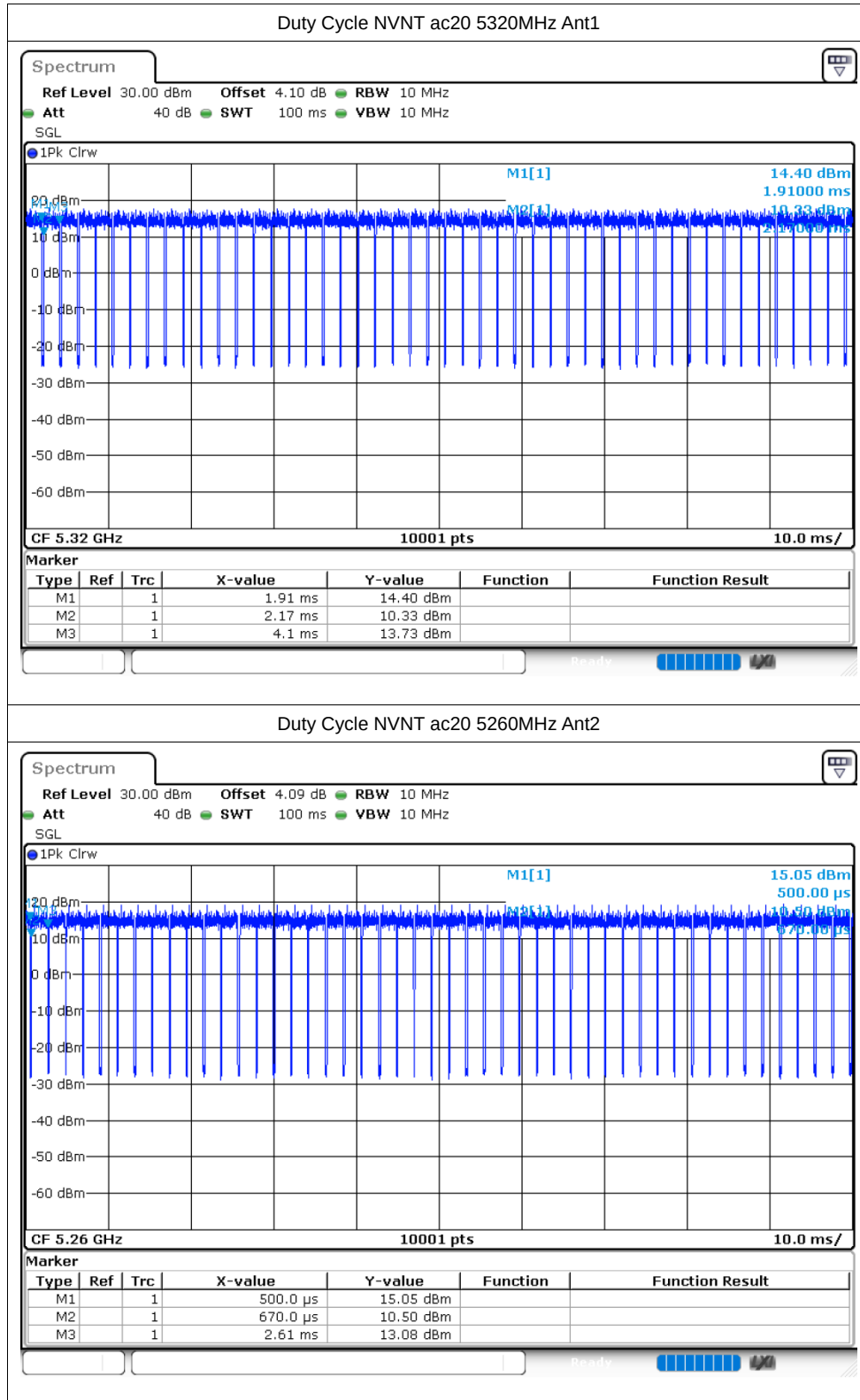


Duty Cycle NVNT ac20 5260MHz Ant1

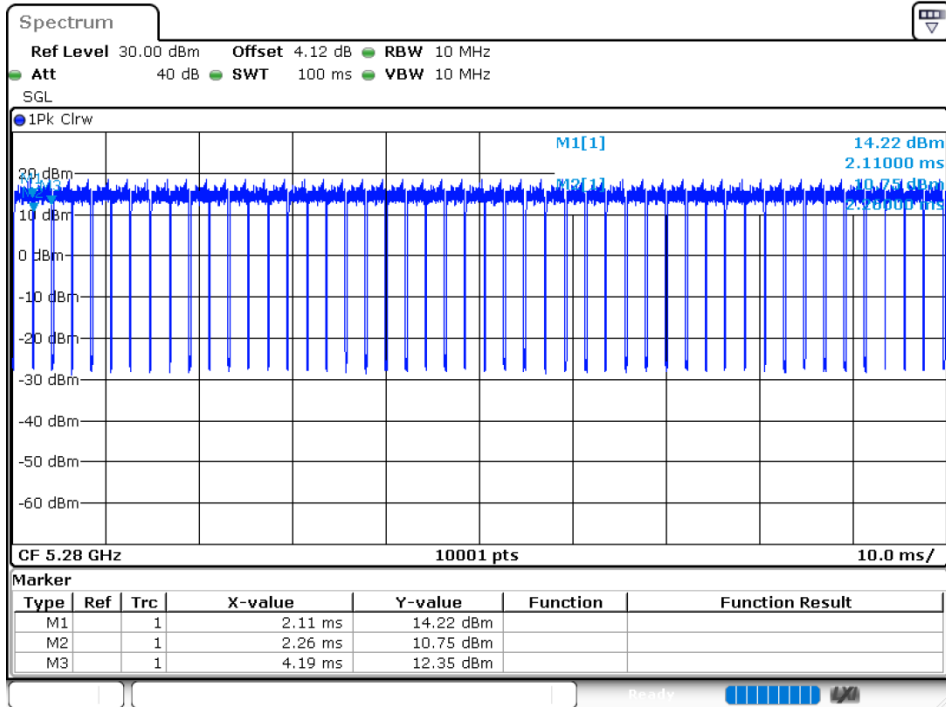


Duty Cycle NVNT ac20 5280MHz Ant1

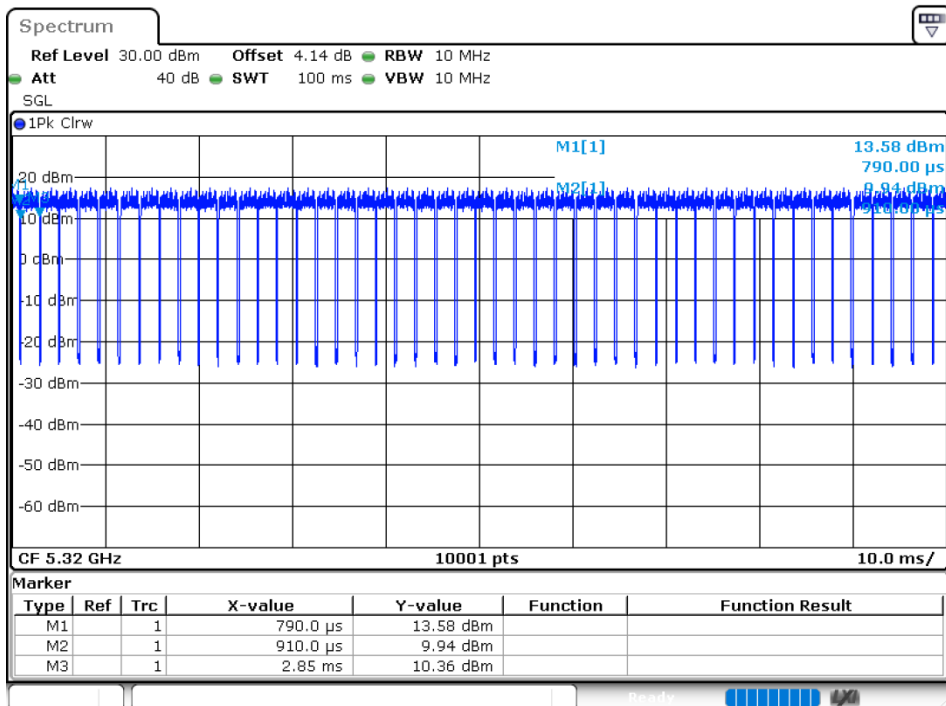




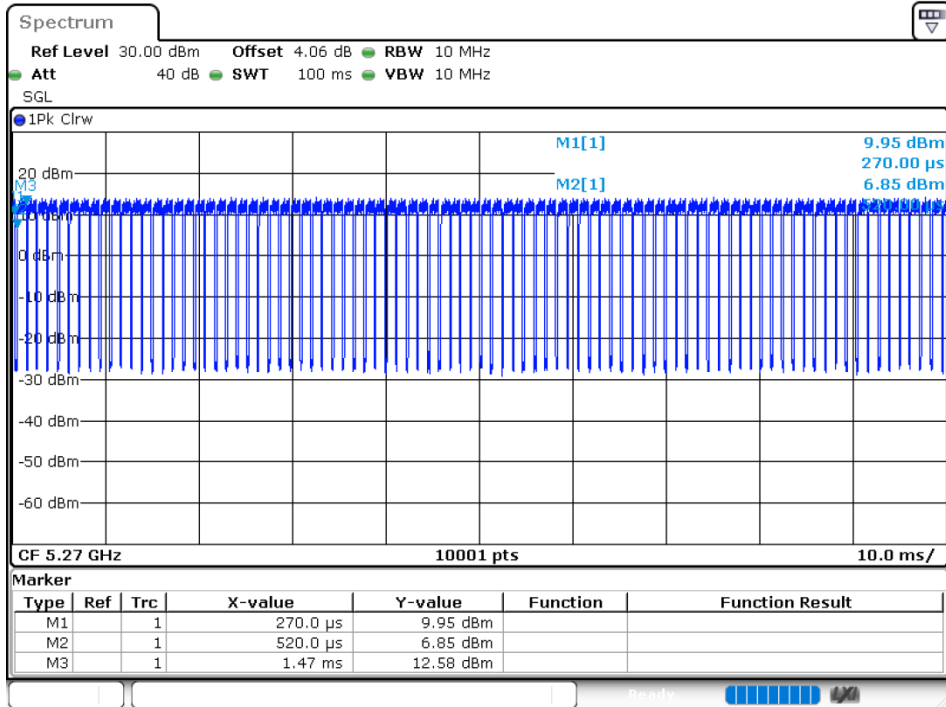
Duty Cycle NVNT ac20 5280MHz Ant2



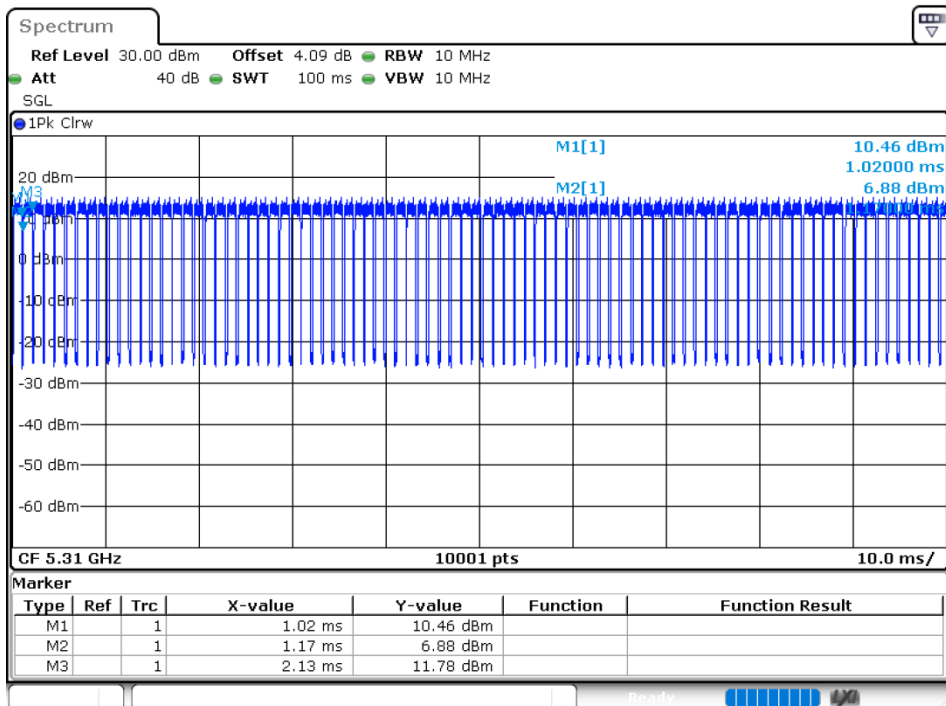
Duty Cycle NVNT ac20 5320MHz Ant2



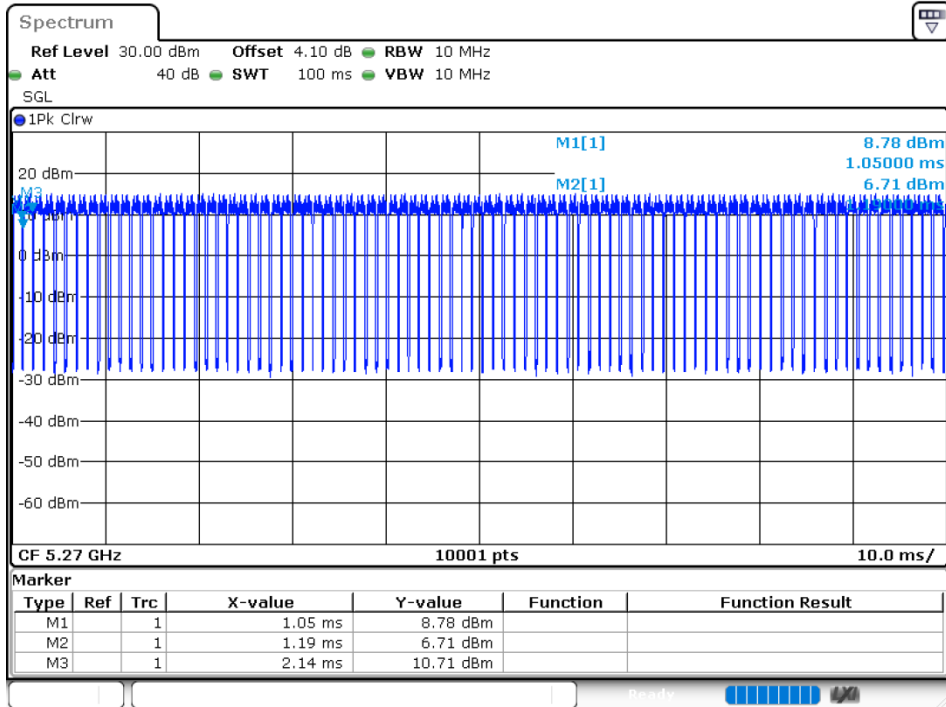
Duty Cycle NVNT ac40 5270MHz Ant1



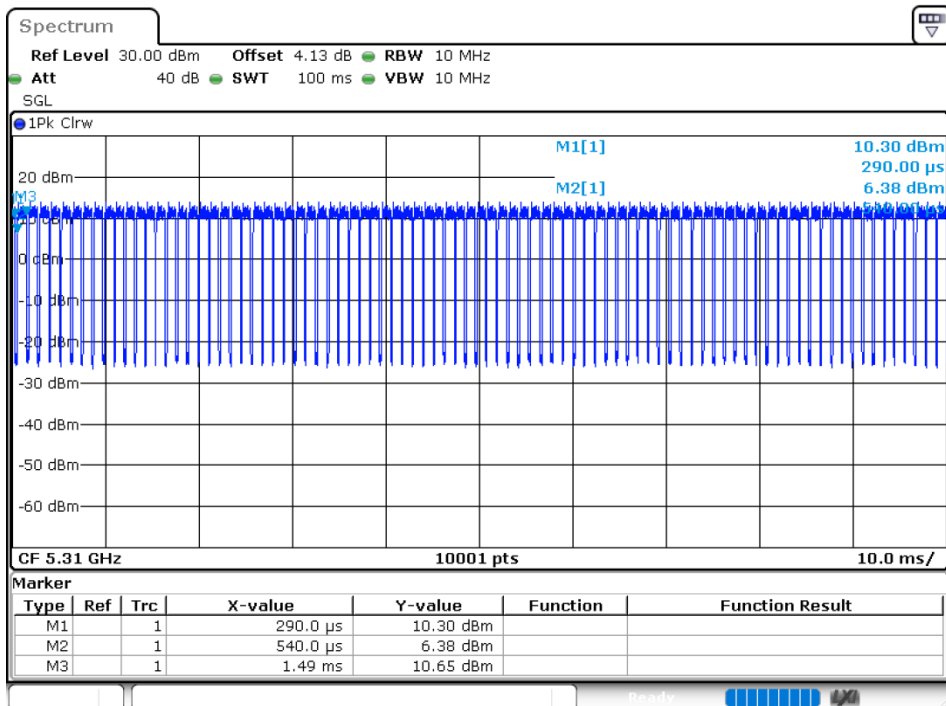
Duty Cycle NVNT ac40 5310MHz Ant1

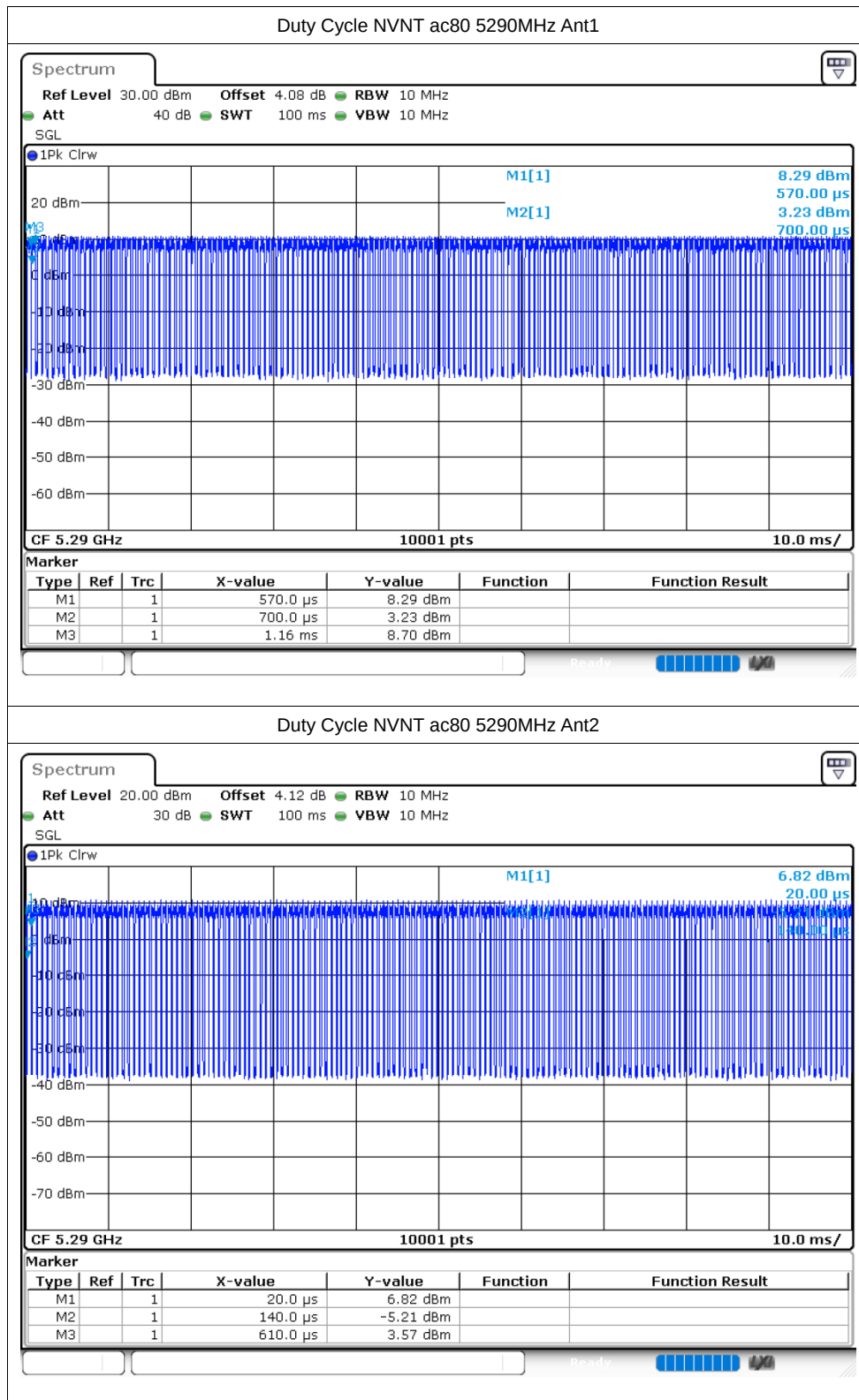


Duty Cycle NVNT ac40 5270MHz Ant2



Duty Cycle NVNT ac40 5310MHz Ant2





Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	10.87	24	Pass
NVNT	a	5280	Ant1	10.86	24	Pass
NVNT	a	5320	Ant1	10.79	24	Pass
NVNT	a	5260	Ant2	11.33	24	Pass
NVNT	a	5280	Ant2	11.33	24	Pass
NVNT	a	5320	Ant2	11.29	24	Pass
NVNT	n20	5260	Ant1	10.59	24	Pass
NVNT	n20	5280	Ant1	10.59	24	Pass
NVNT	n20	5320	Ant1	10.7	24	Pass
NVNT	n20	5260	Ant2	11.09	24	Pass
NVNT	n20	5280	Ant2	11.23	24	Pass
NVNT	n20	5320	Ant2	11.18	24	Pass
NVNT	n40	5270	Ant1	10.17	24	Pass
NVNT	n40	5310	Ant1	10.35	24	Pass
NVNT	n40	5270	Ant2	10.8	24	Pass
NVNT	n40	5310	Ant2	10.98	24	Pass
NVNT	ac20	5260	Ant1	10.5	24	Pass
NVNT	ac20	5280	Ant1	10.68	24	Pass
NVNT	ac20	5320	Ant1	10.67	24	Pass
NVNT	ac20	5260	Ant2	11.1	24	Pass
NVNT	ac20	5280	Ant2	11.17	24	Pass
NVNT	ac20	5320	Ant2	11.14	24	Pass
NVNT	ac40	5270	Ant1	10.18	24	Pass
NVNT	ac40	5310	Ant1	10.43	24	Pass
NVNT	ac40	5270	Ant2	10.75	24	Pass
NVNT	ac40	5310	Ant2	10.91	24	Pass
NVNT	ac80	5290	Ant1	10.18	24	Pass
NVNT	ac80	5290	Ant2	10.67	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	18.618	Pass
NVNT	a	5280	Ant1	18.693	Pass
NVNT	a	5320	Ant1	18.39	Pass
NVNT	a	5260	Ant2	18.765	Pass
NVNT	a	5280	Ant2	18.42	Pass
NVNT	a	5320	Ant2	18.687	Pass
NVNT	n20	5260	Ant1	19.365	Pass
NVNT	n20	5280	Ant1	19.368	Pass
NVNT	n20	5320	Ant1	19.515	Pass
NVNT	n20	5260	Ant2	19.512	Pass
NVNT	n20	5280	Ant2	19.356	Pass
NVNT	n20	5320	Ant2	19.329	Pass
NVNT	n40	5270	Ant1	41.868	Pass
NVNT	n40	5310	Ant1	41.484	Pass
NVNT	n40	5270	Ant2	41.484	Pass
NVNT	n40	5310	Ant2	41.37	Pass
NVNT	ac20	5260	Ant1	19.578	Pass
NVNT	ac20	5280	Ant1	19.437	Pass
NVNT	ac20	5320	Ant1	19.377	Pass
NVNT	ac20	5260	Ant2	19.668	Pass
NVNT	ac20	5280	Ant2	19.332	Pass
NVNT	ac20	5320	Ant2	19.569	Pass
NVNT	ac40	5270	Ant1	41.058	Pass
NVNT	ac40	5310	Ant1	41.52	Pass
NVNT	ac40	5270	Ant2	41.838	Pass
NVNT	ac40	5310	Ant2	41.952	Pass
NVNT	ac80	5290	Ant1	81.3	Pass
NVNT	ac80	5290	Ant2	81.396	Pass

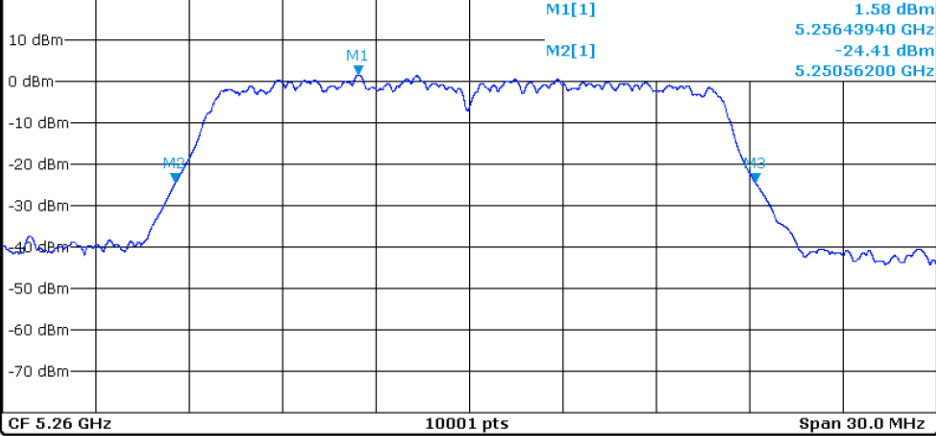
Test Graphs

-26dB Bandwidth NVNT a 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

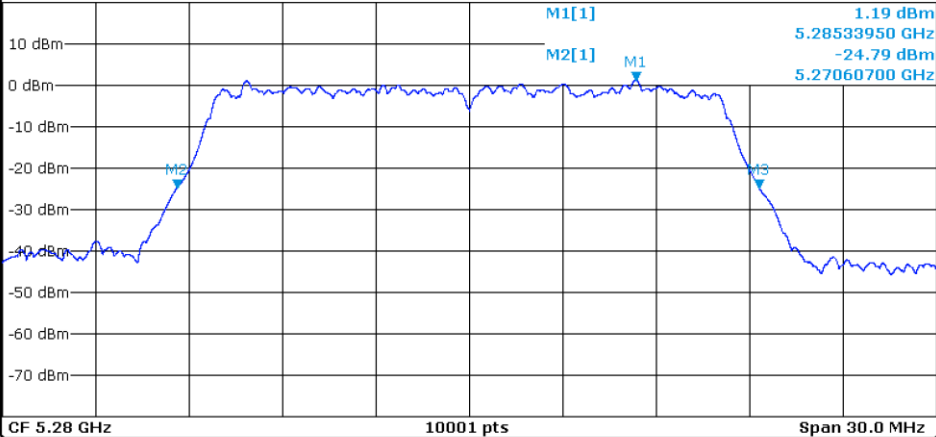


-26dB Bandwidth NVNT a 5280MHz Ant1

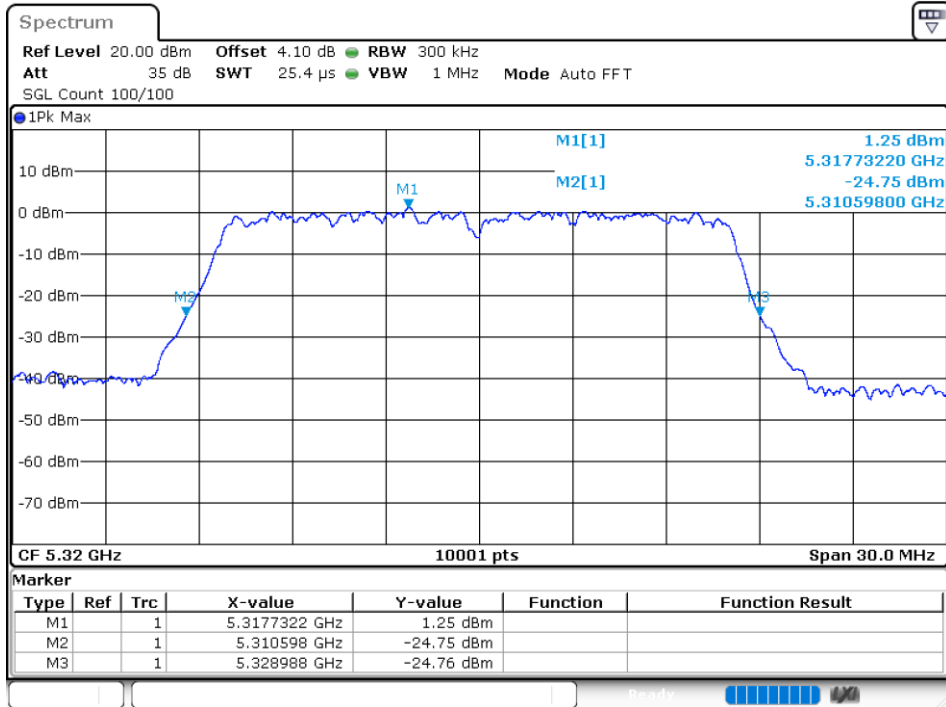
Spectrum

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

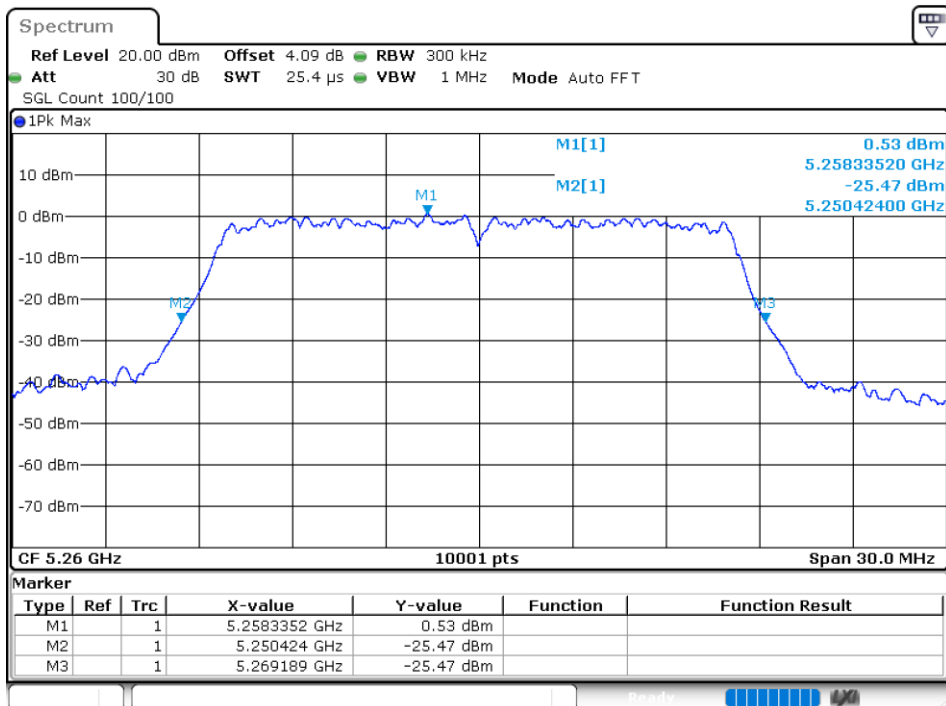
1Pk Max

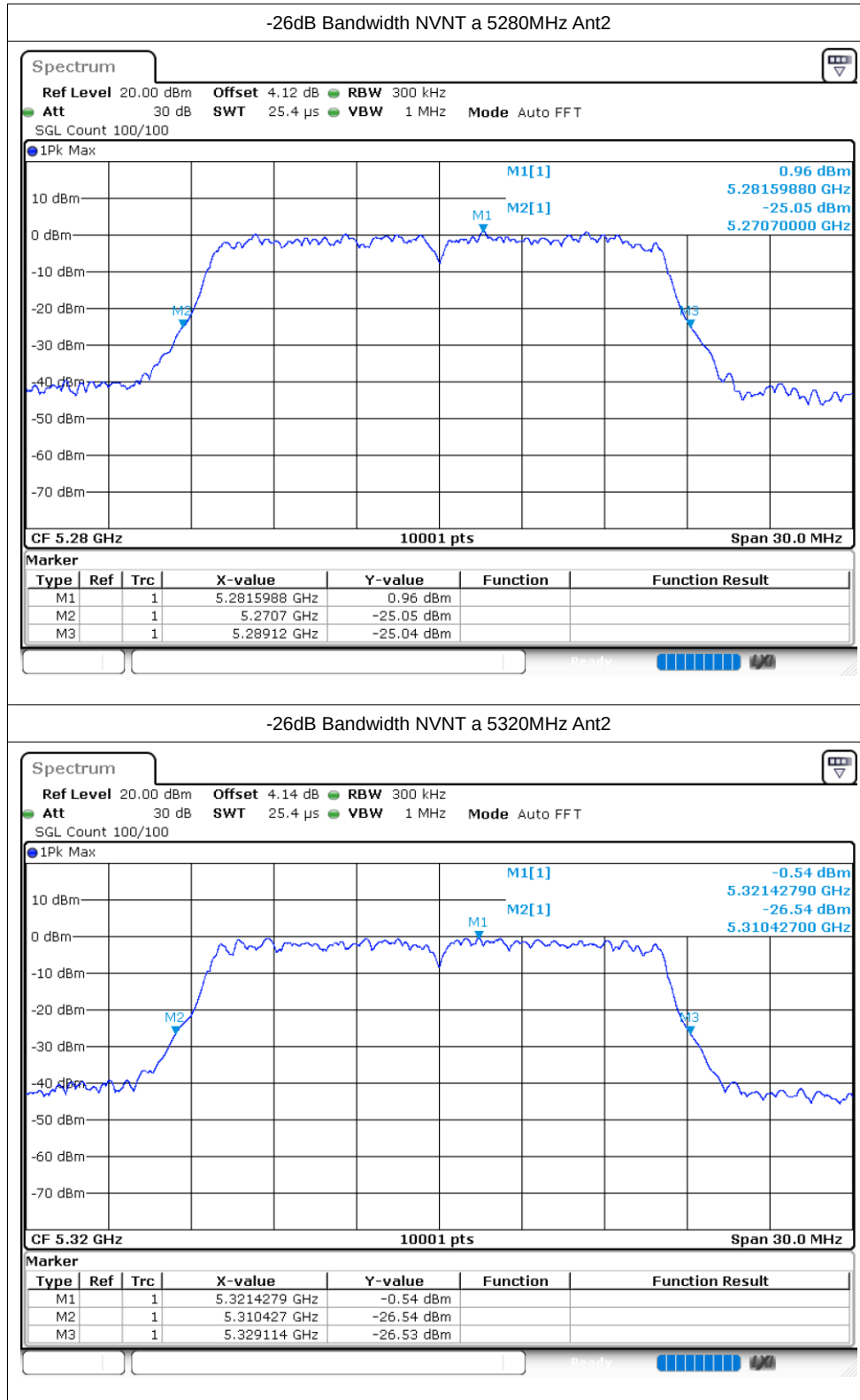


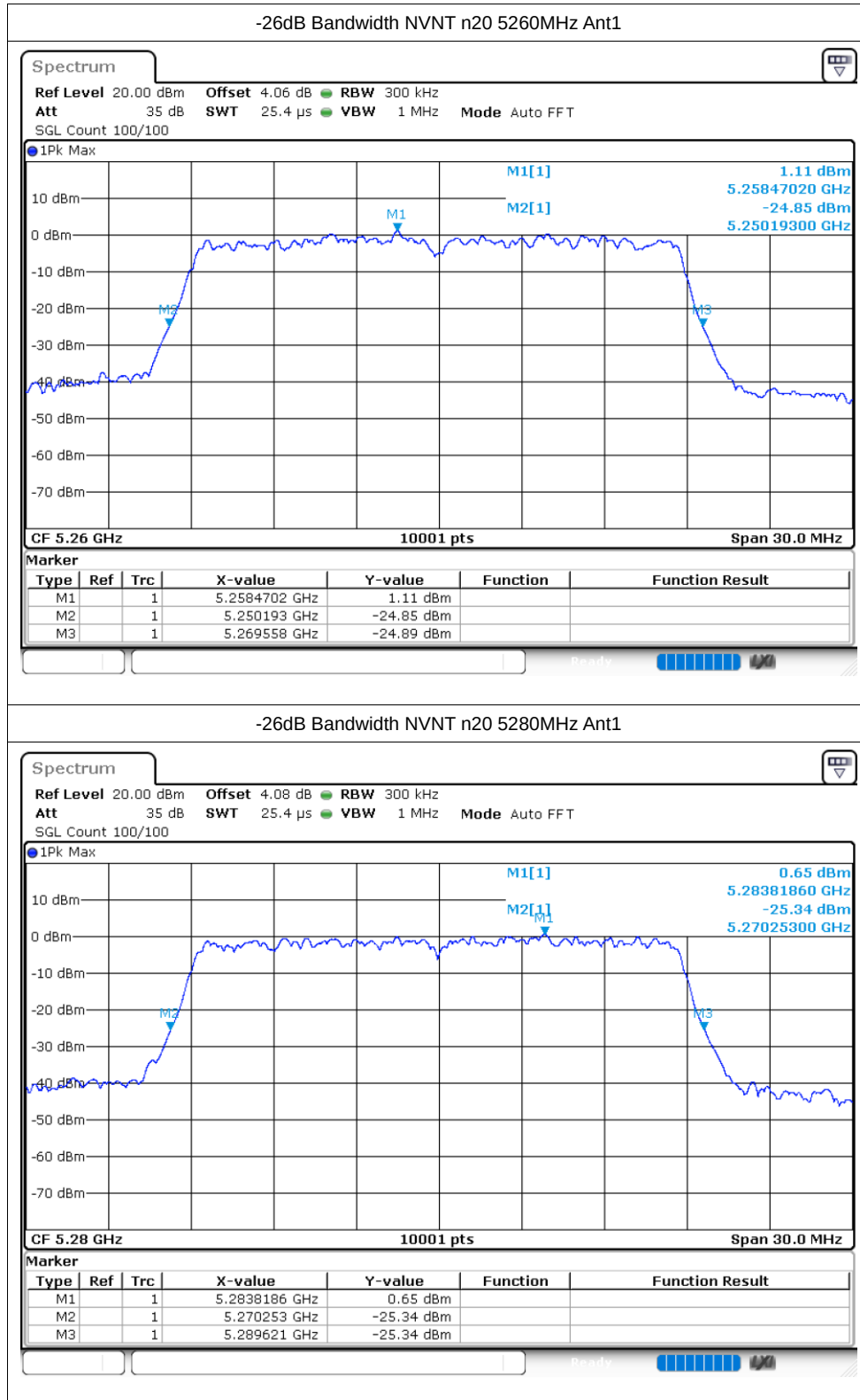
-26dB Bandwidth NVNT a 5320MHz Ant1

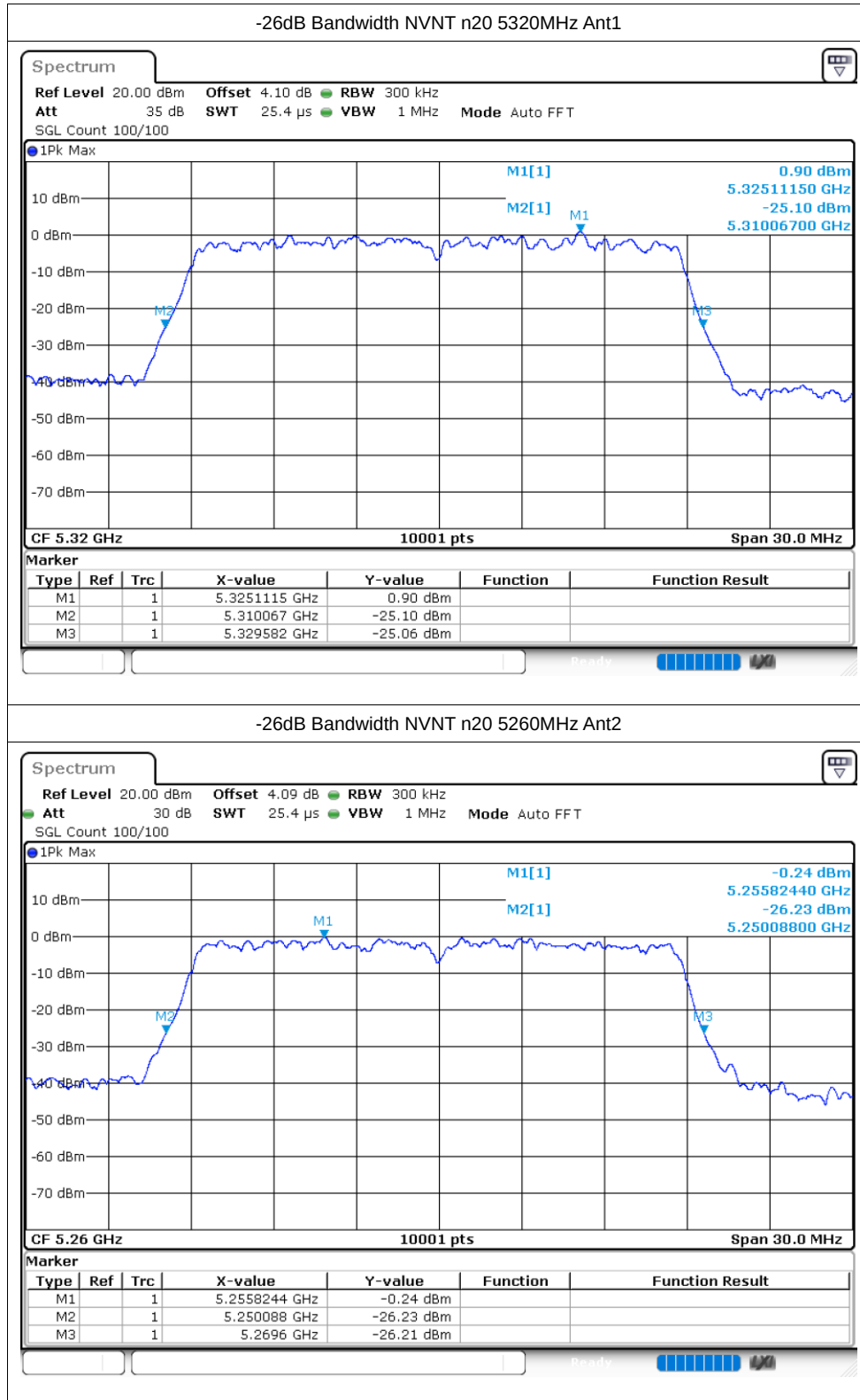


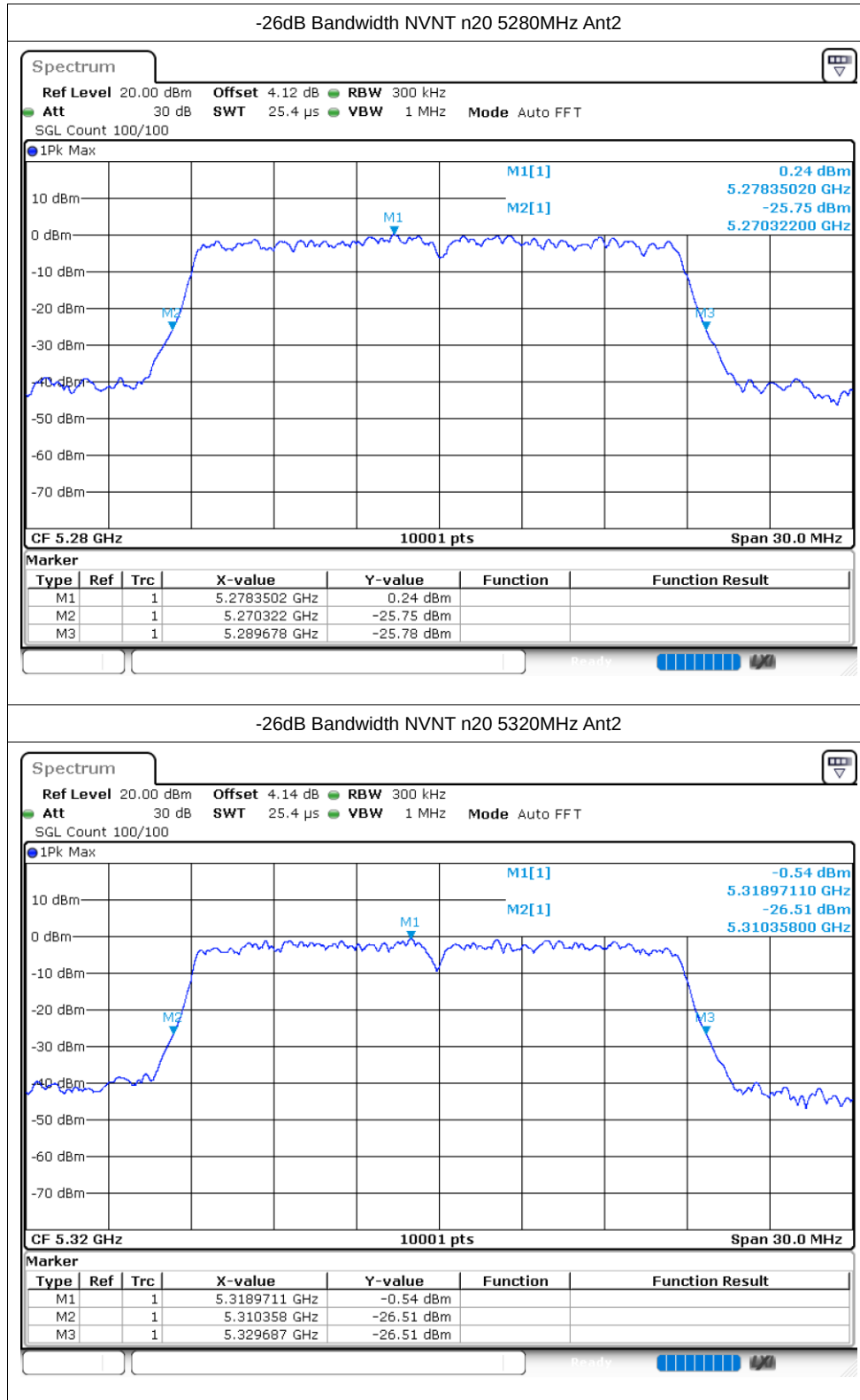
-26dB Bandwidth NVNT a 5260MHz Ant2

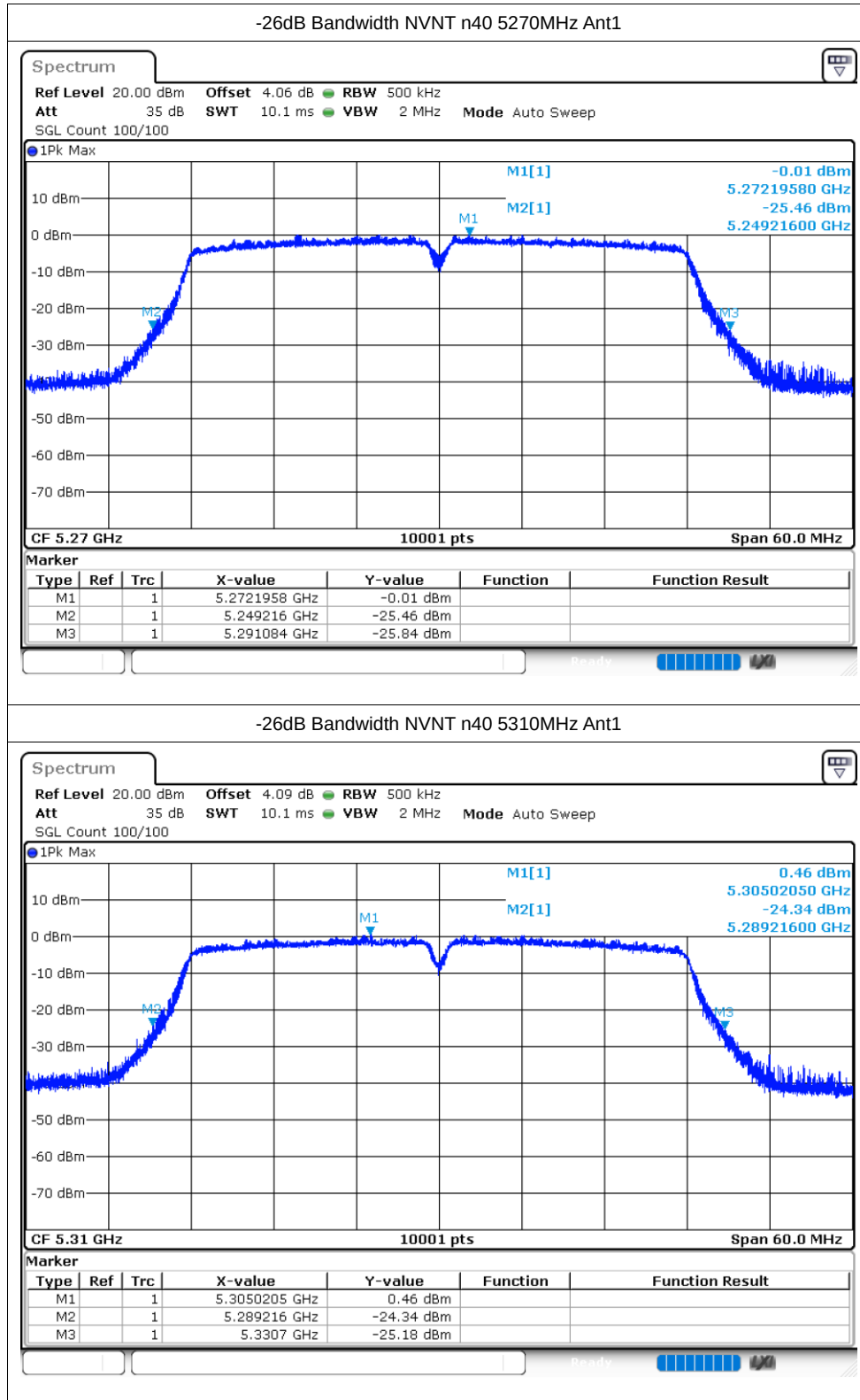


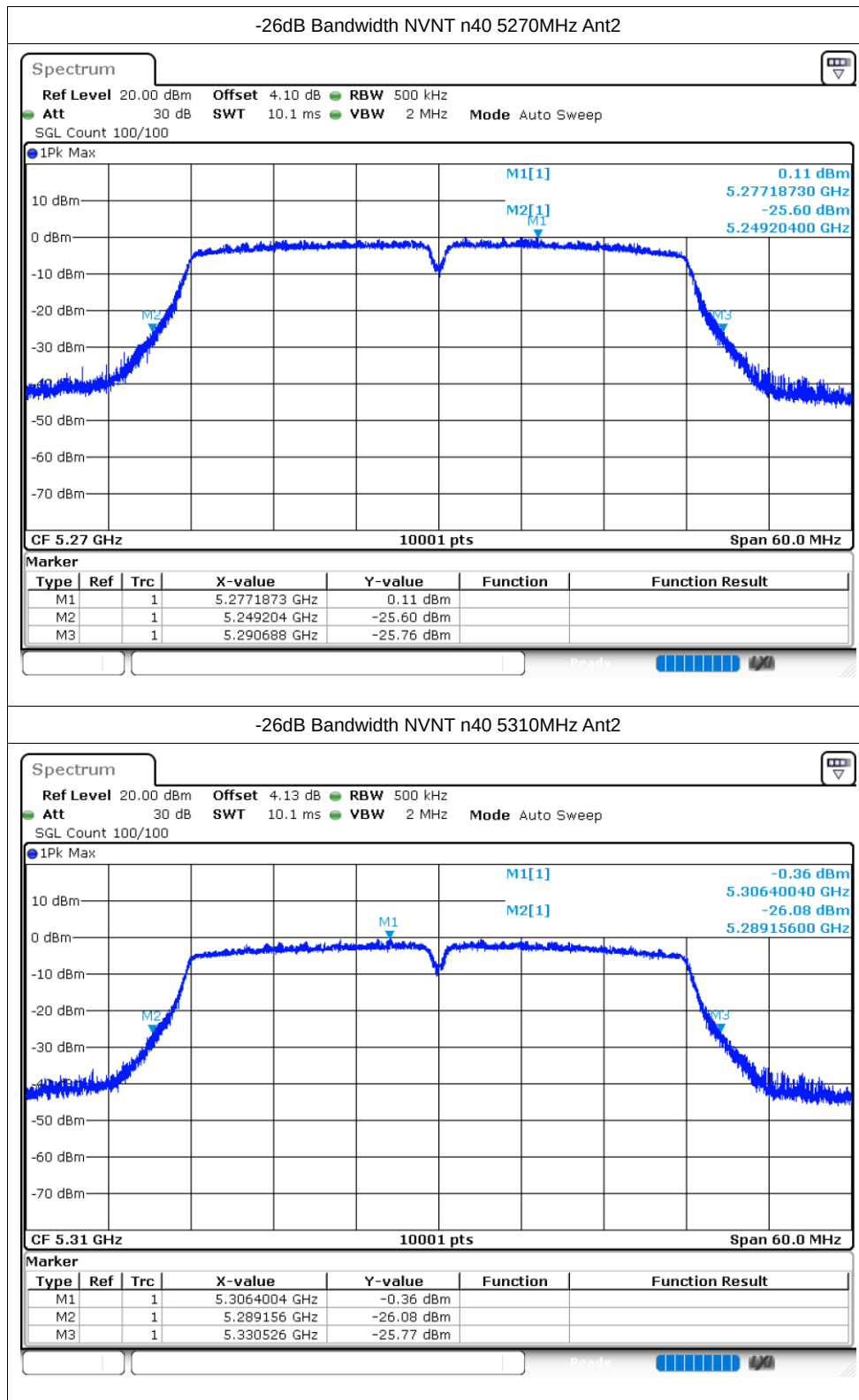


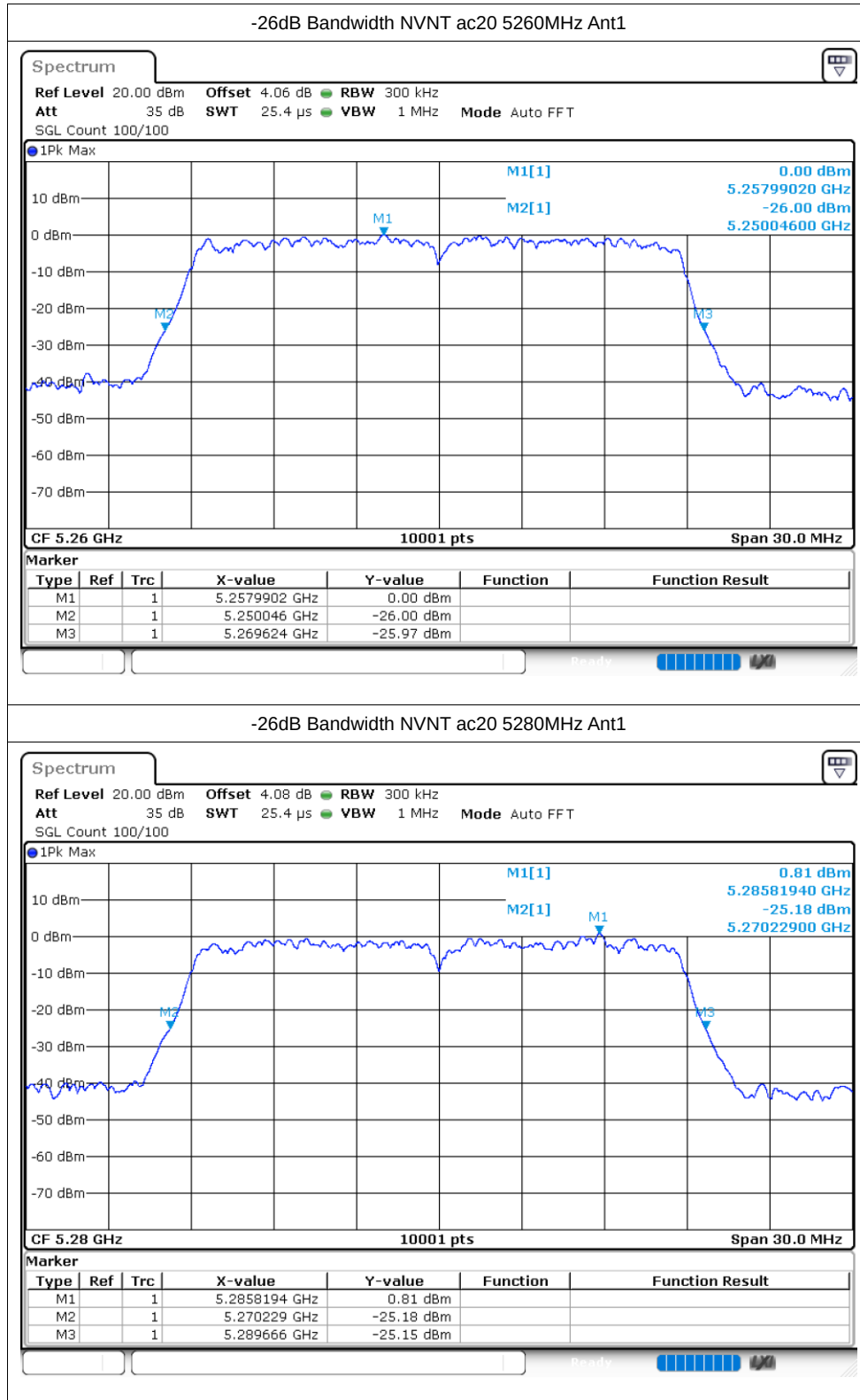


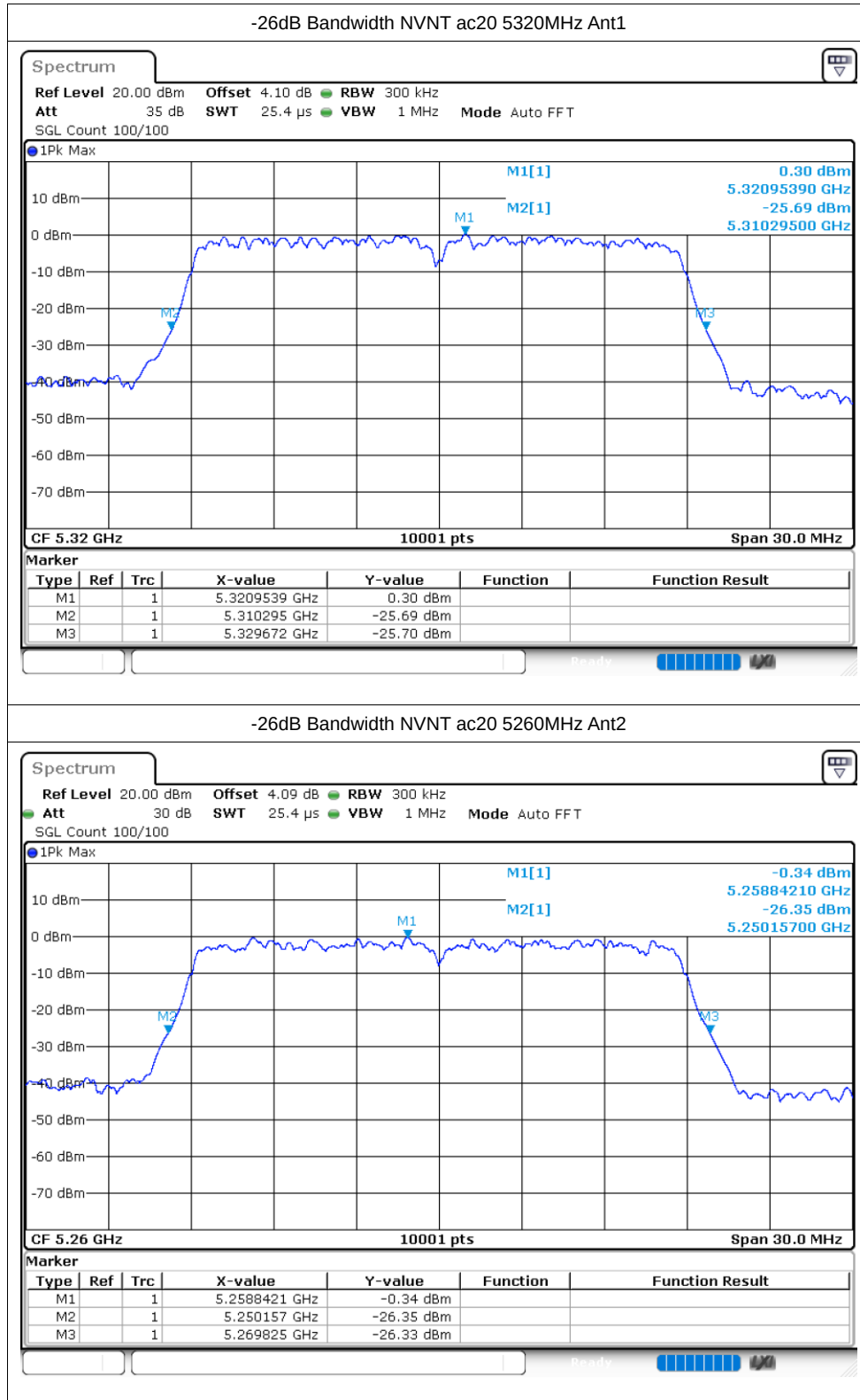


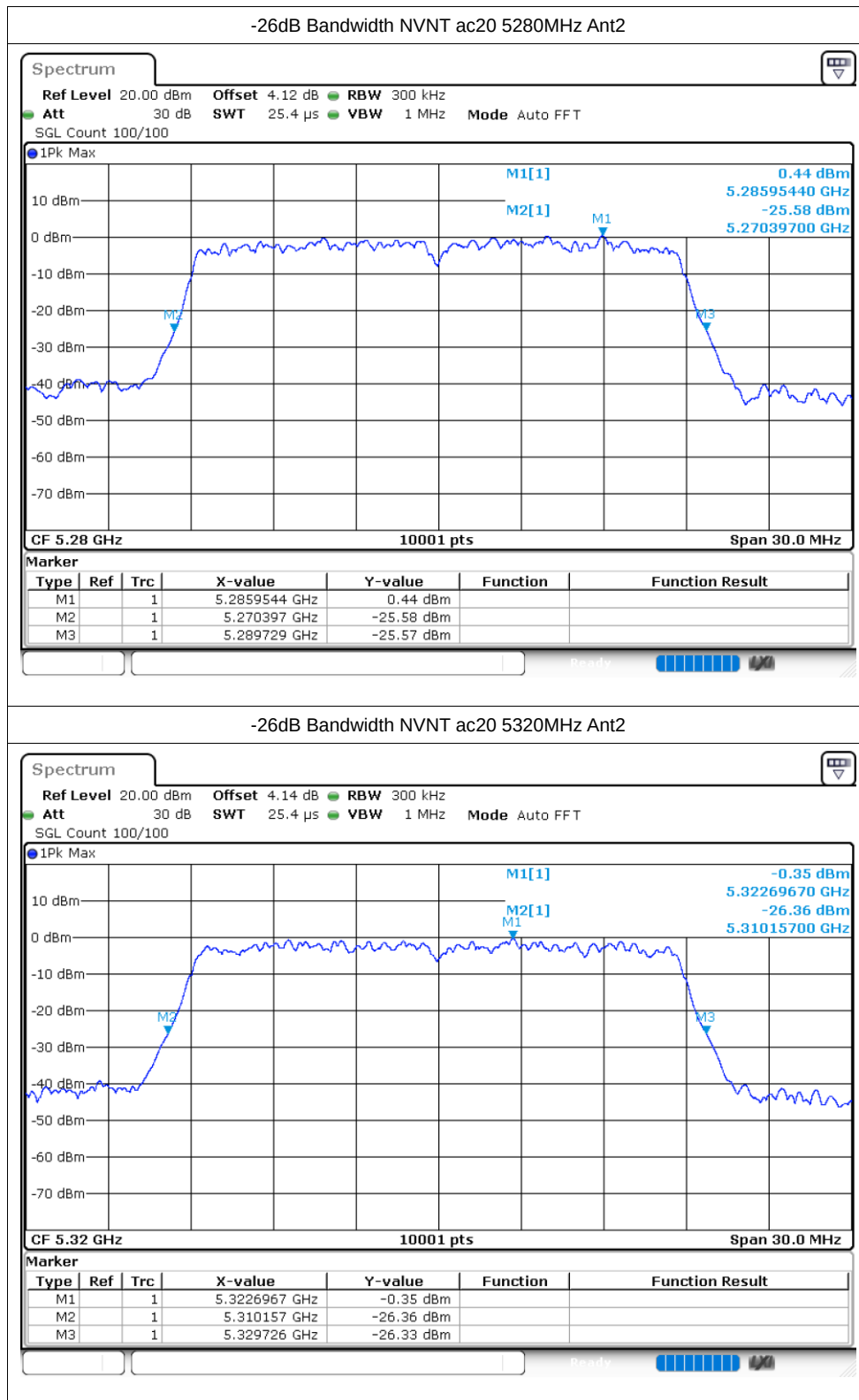


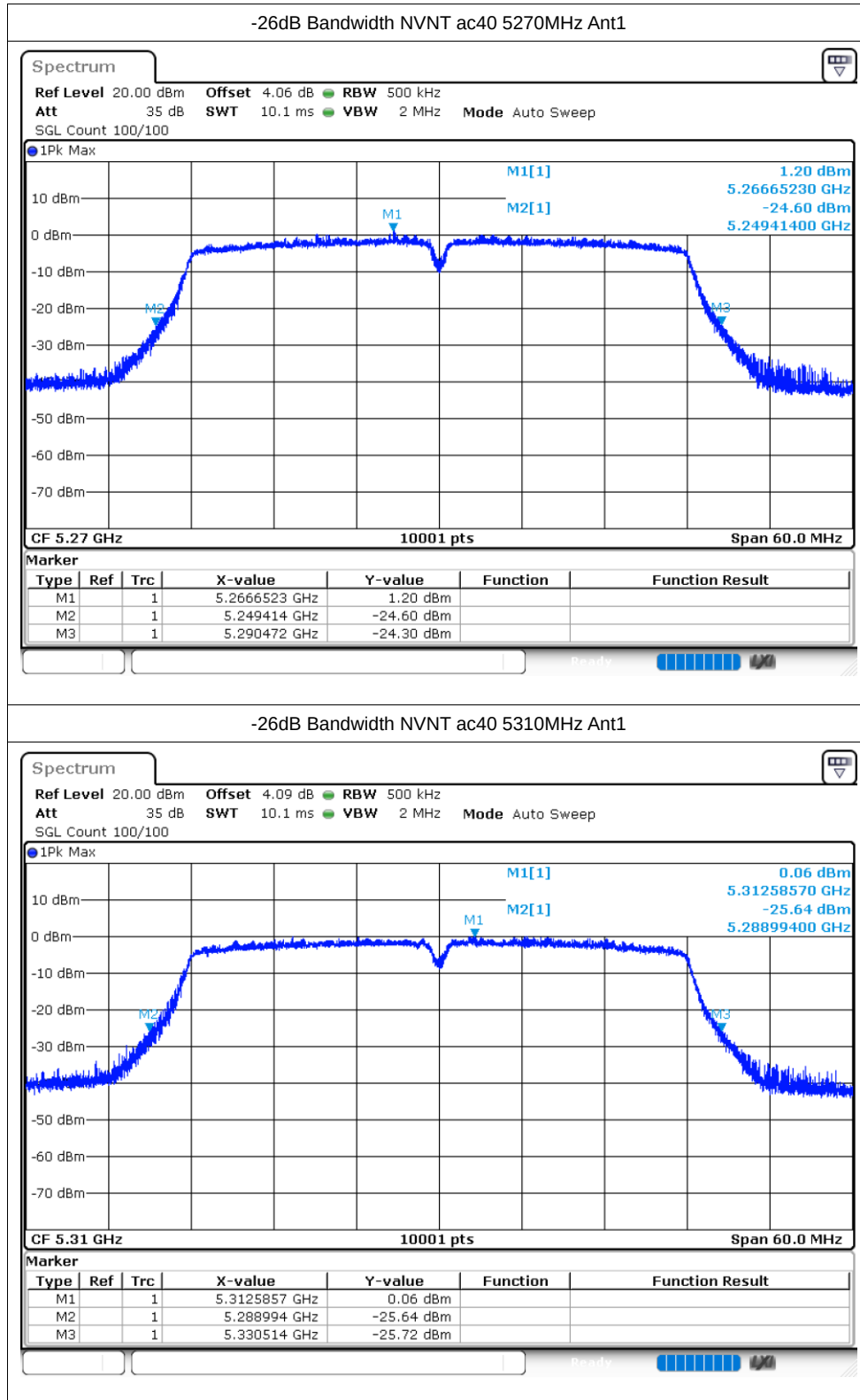


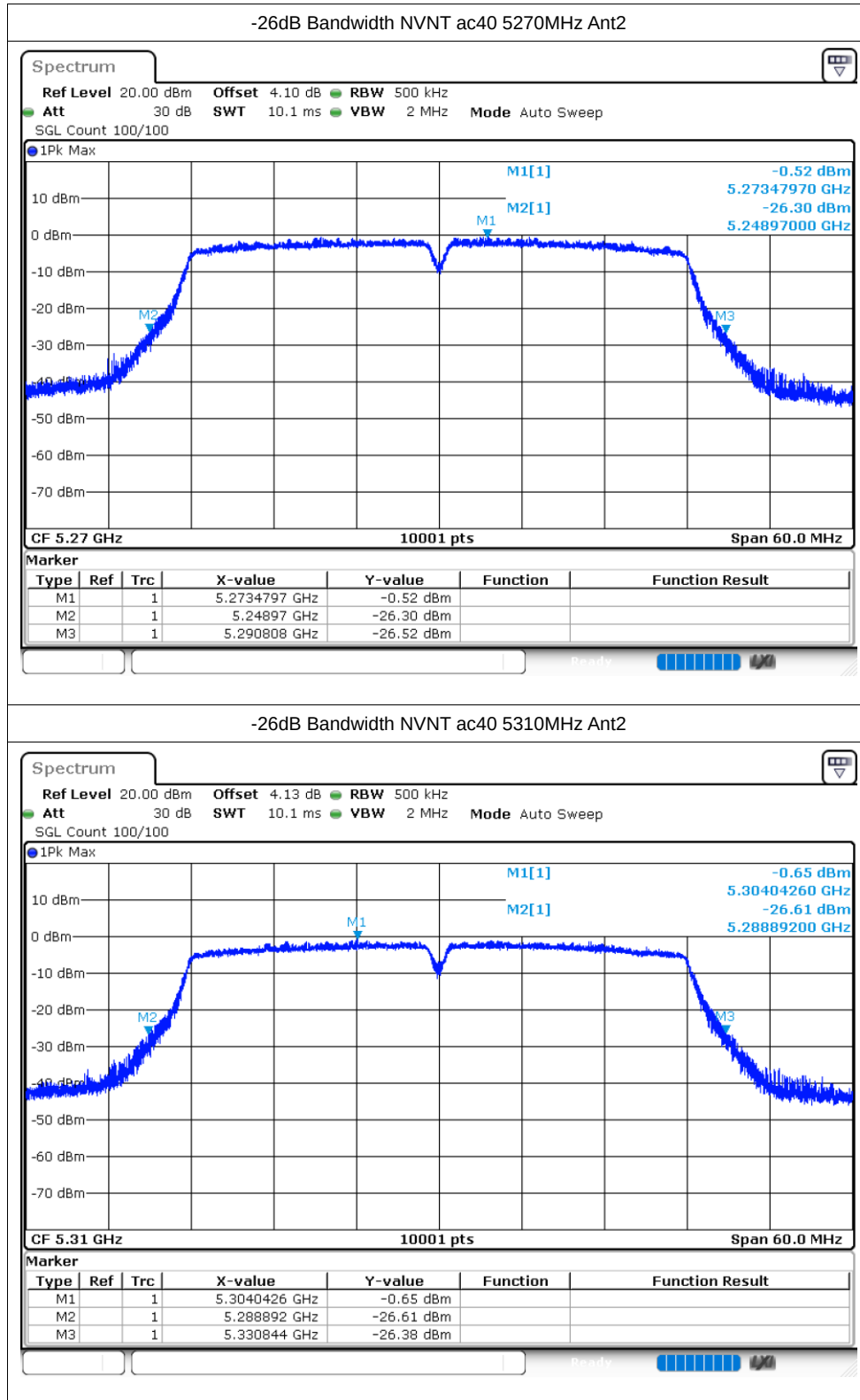


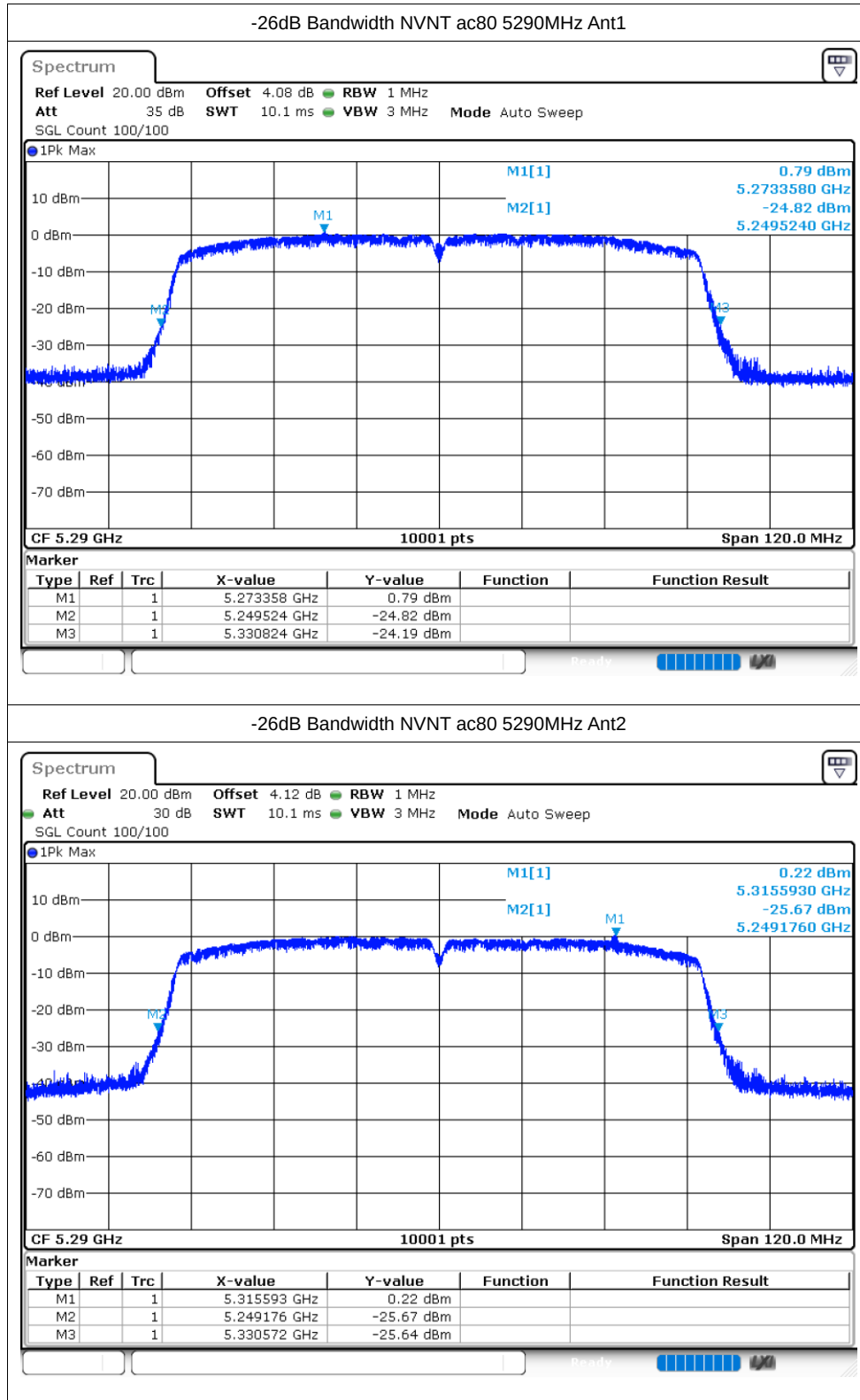










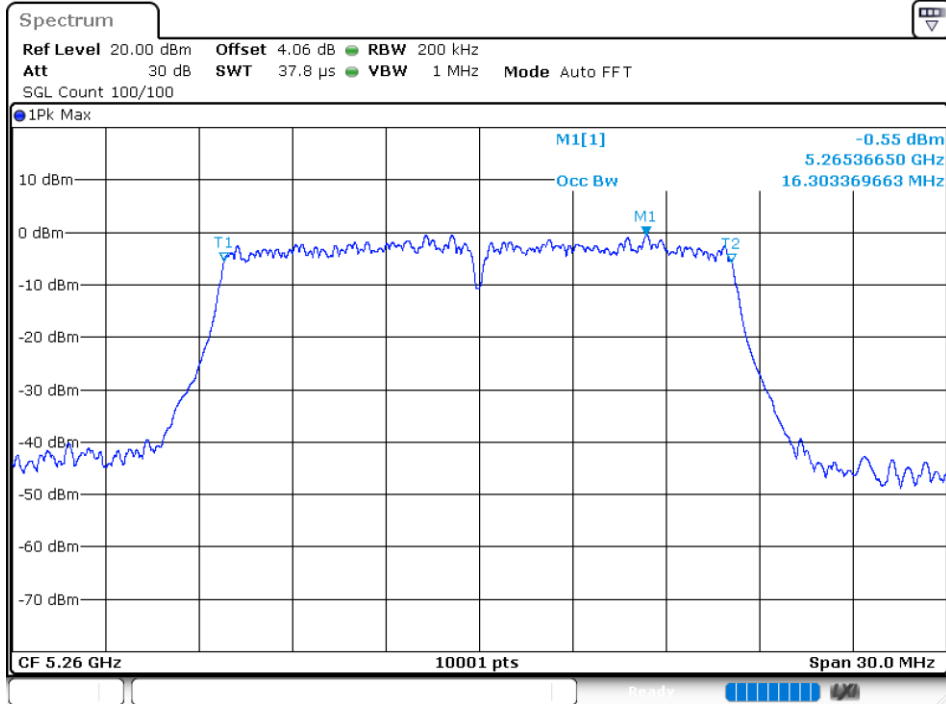


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.303
NVNT	a	5280	Ant1	16.33
NVNT	a	5320	Ant1	16.348
NVNT	a	5260	Ant2	16.378
NVNT	a	5280	Ant2	16.327
NVNT	a	5320	Ant2	16.348
NVNT	n20	5260	Ant1	17.521
NVNT	n20	5280	Ant1	17.5
NVNT	n20	5320	Ant1	17.521
NVNT	n20	5260	Ant2	17.539
NVNT	n20	5280	Ant2	17.53
NVNT	n20	5320	Ant2	17.518
NVNT	n40	5270	Ant1	36.206
NVNT	n40	5310	Ant1	36.17
NVNT	n40	5270	Ant2	36.122
NVNT	n40	5310	Ant2	36.104
NVNT	ac20	5260	Ant1	17.5
NVNT	ac20	5280	Ant1	17.515
NVNT	ac20	5320	Ant1	17.515
NVNT	ac20	5260	Ant2	17.545
NVNT	ac20	5280	Ant2	17.53
NVNT	ac20	5320	Ant2	17.533
NVNT	ac40	5270	Ant1	36.158
NVNT	ac40	5310	Ant1	36.098
NVNT	ac40	5270	Ant2	36.14
NVNT	ac40	5310	Ant2	36.152
NVNT	ac80	5290	Ant1	74.489
NVNT	ac80	5290	Ant2	74.561

Test Graphs

OBW NVNT a 5260MHz Ant1



OBW NVNT a 5280MHz Ant1

