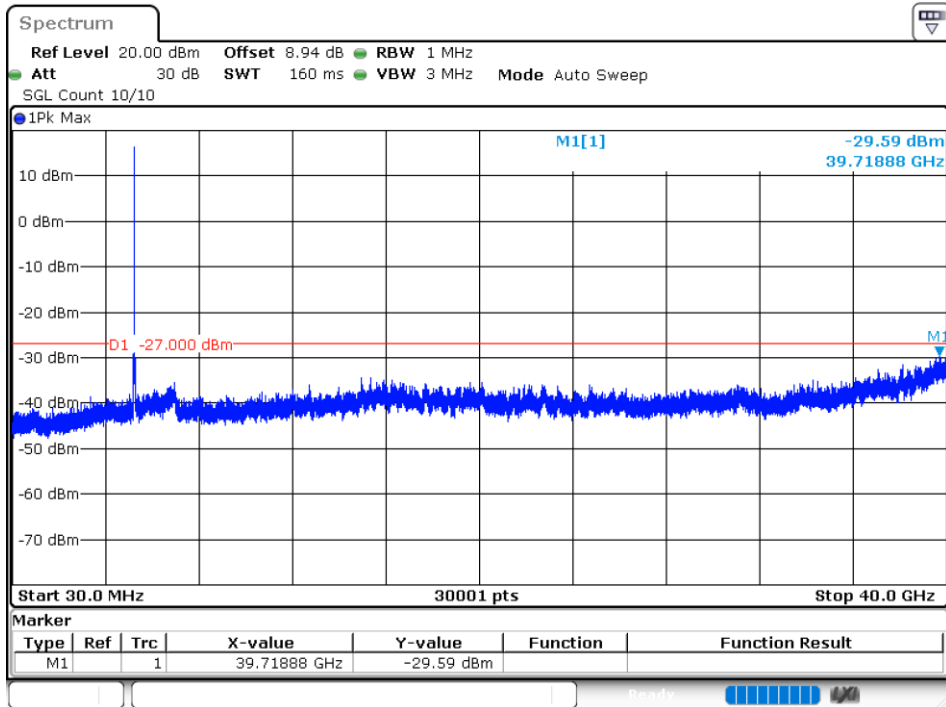
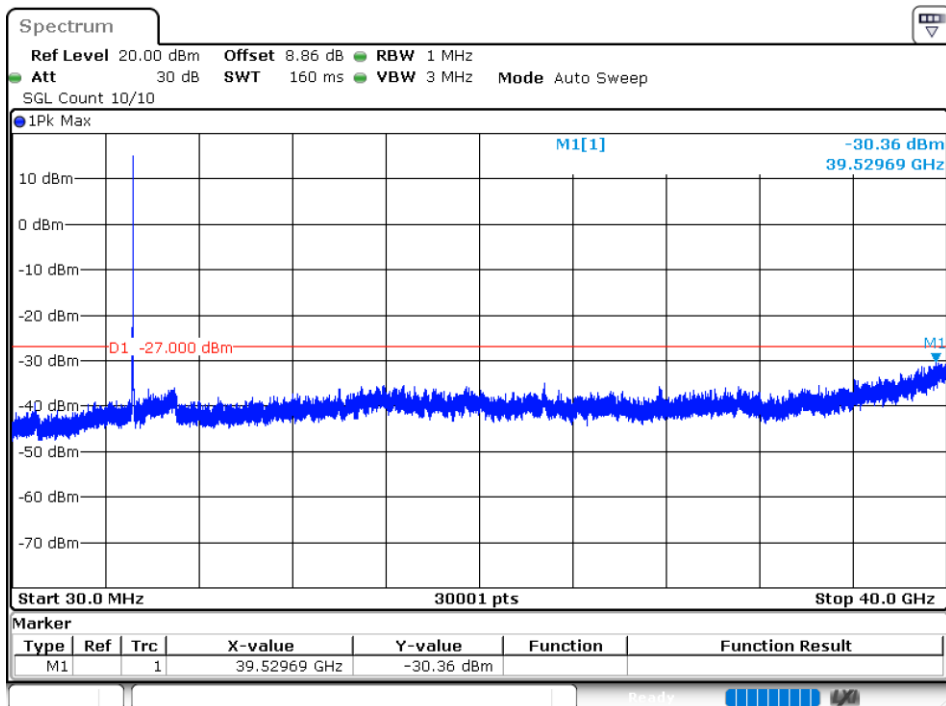
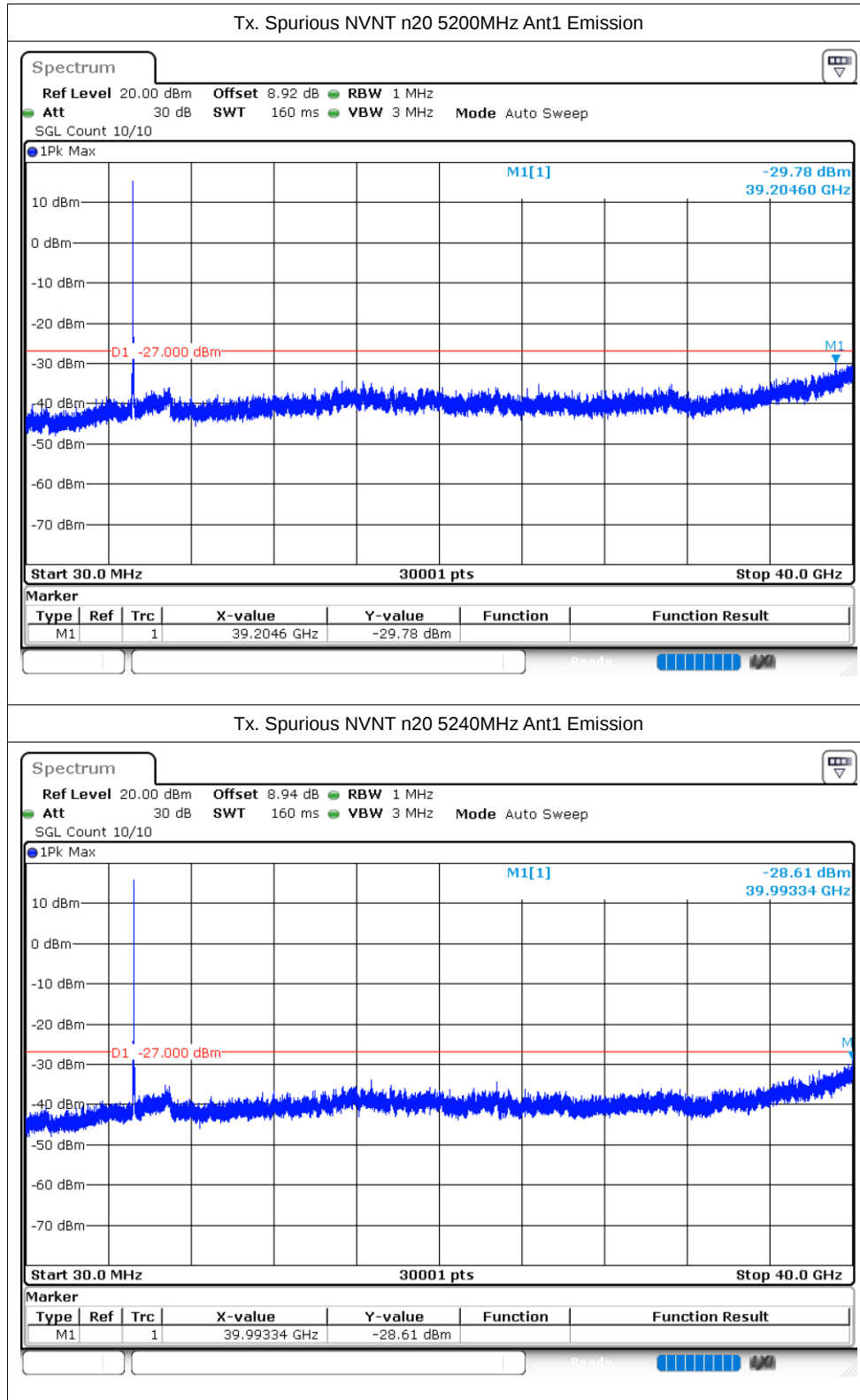


Tx. Spurious NVNT a 5240MHz Ant1 Emission

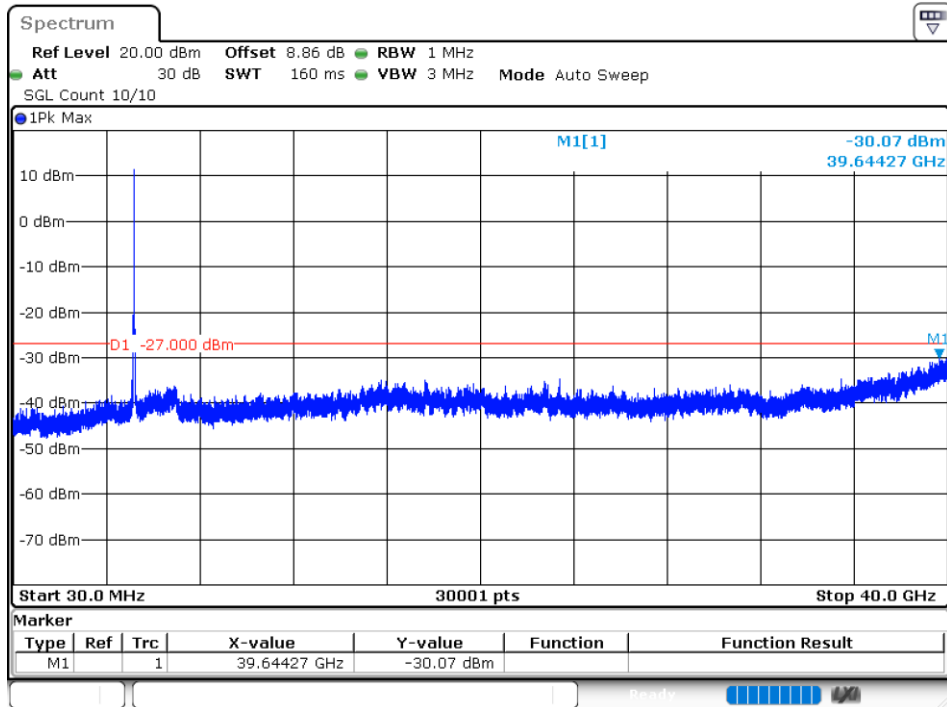


Tx. Spurious NVNT n20 5180MHz Ant1 Emission

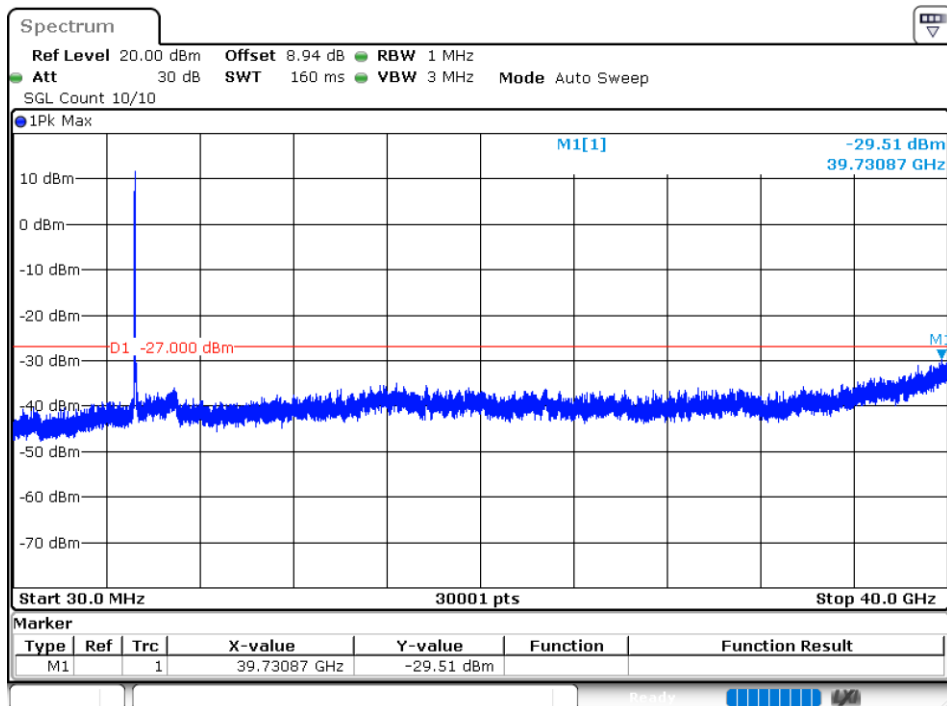




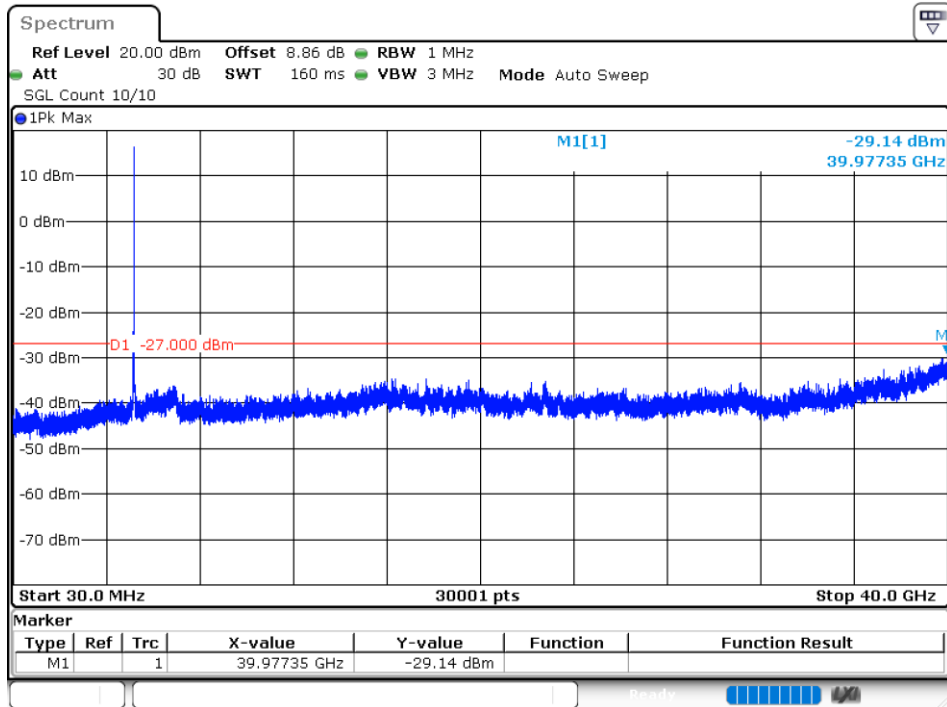
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



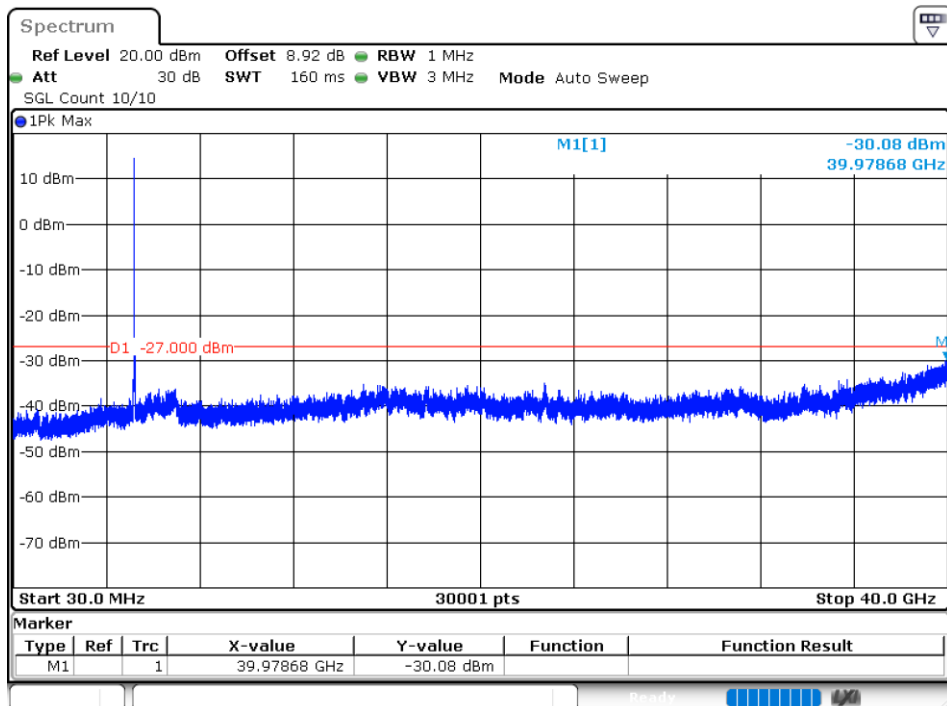
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



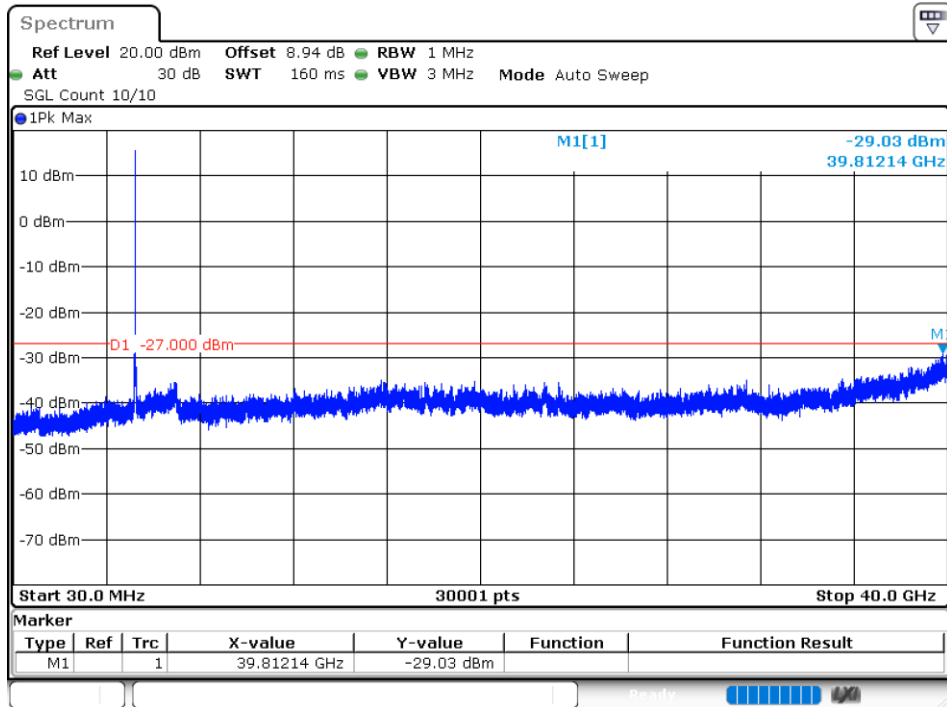
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



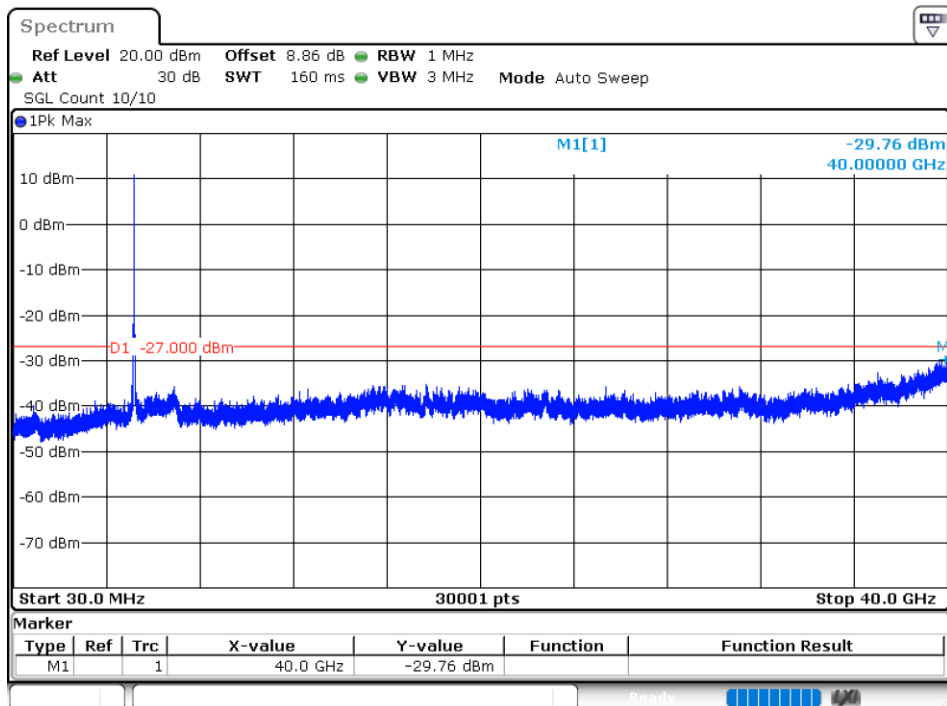
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



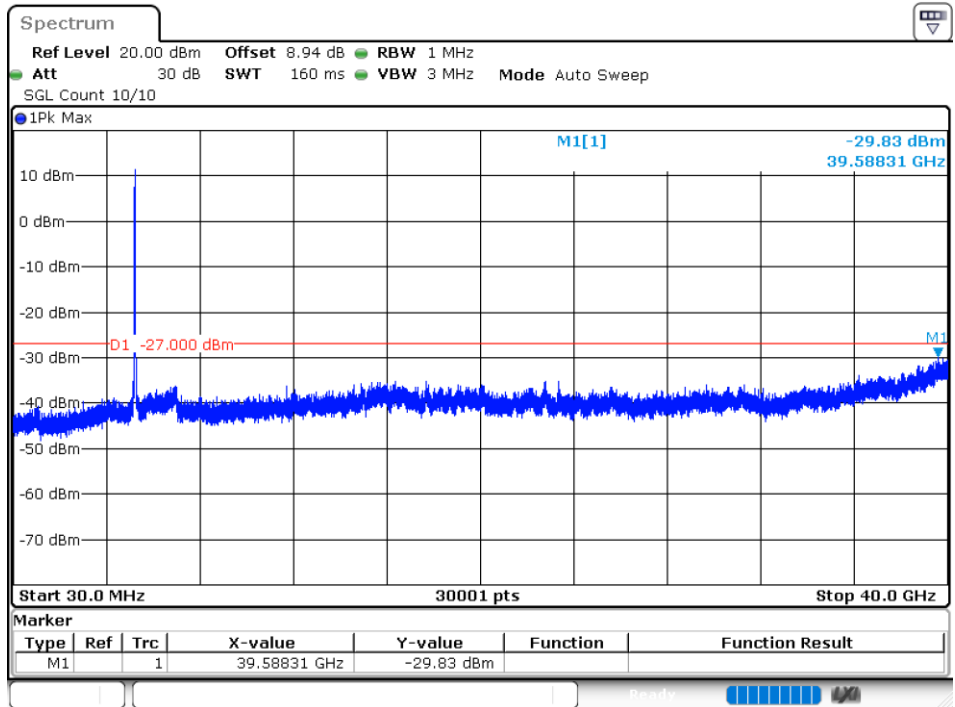
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



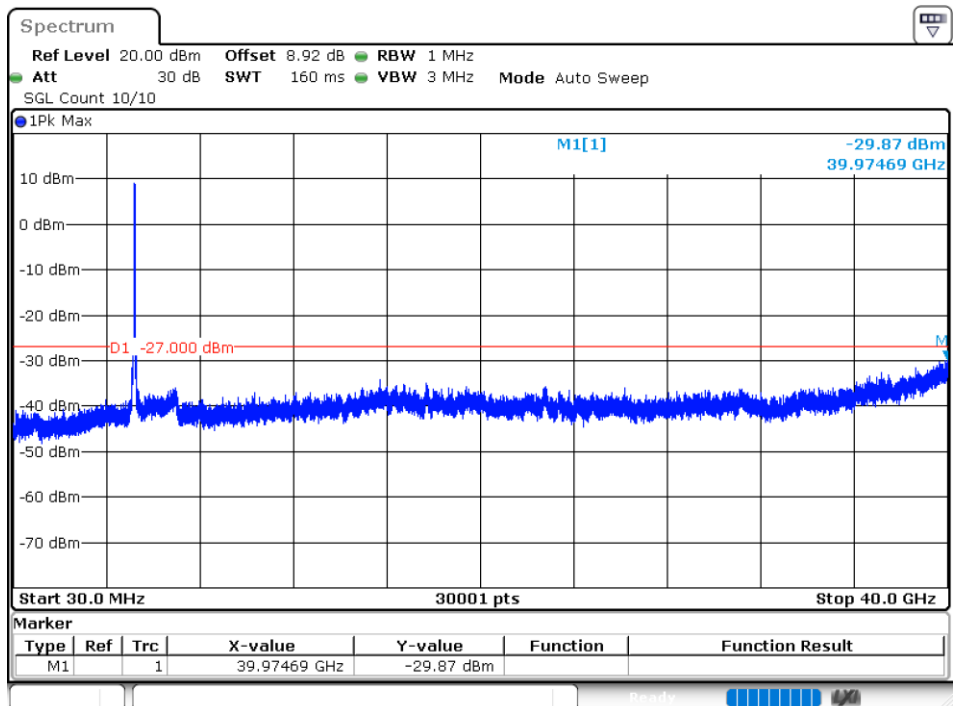
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



5.3G WIFI

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	66.98	1.74	5.56
NVNT	a	5280	Ant1	66.96	1.74	5.88
NVNT	a	5320	Ant1	66.95	1.74	5.56
NVNT	n20	5260	Ant1	65.45	1.84	6.25
NVNT	n20	5280	Ant1	65.42	1.84	6.25
NVNT	n20	5320	Ant1	65.4	1.84	6.25
NVNT	n40	5270	Ant1	81.54	0.89	7.69
NVNT	n40	5310	Ant1	81.54	0.89	7.69
NVNT	ac20	5260	Ant1	88.48	0.53	4.35
NVNT	ac20	5280	Ant1	88.43	0.53	4.35
NVNT	ac20	5320	Ant1	88.45	0.53	4.35
NVNT	ac40	5270	Ant1	92.35	0.35	7.69
NVNT	ac40	5310	Ant1	92.34	0.35	7.69
NVNT	ac80	5290	Ant1	89.13	0.5	11.11

Test Graphs

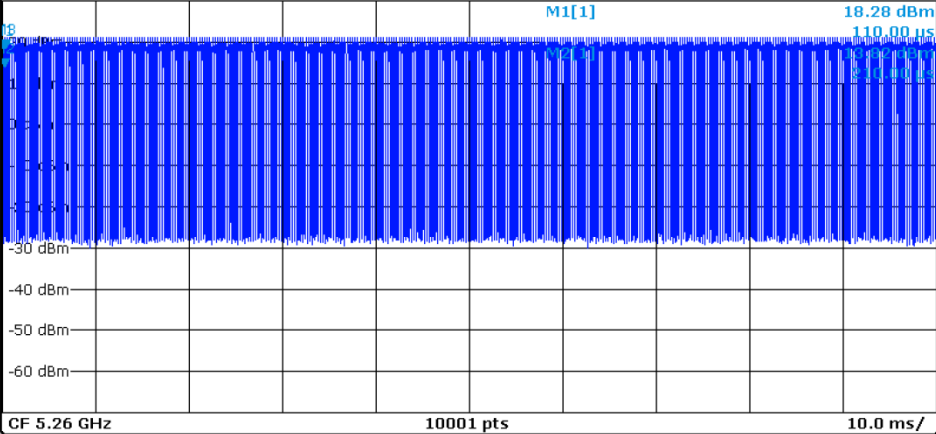
Duty Cycle NVNT a 5260MHz Ant1

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	110.0 μ s	18.28 dBm		
M2		1	210.0 μ s	13.82 dBm		
M3		1	390.0 μ s	18.64 dBm		

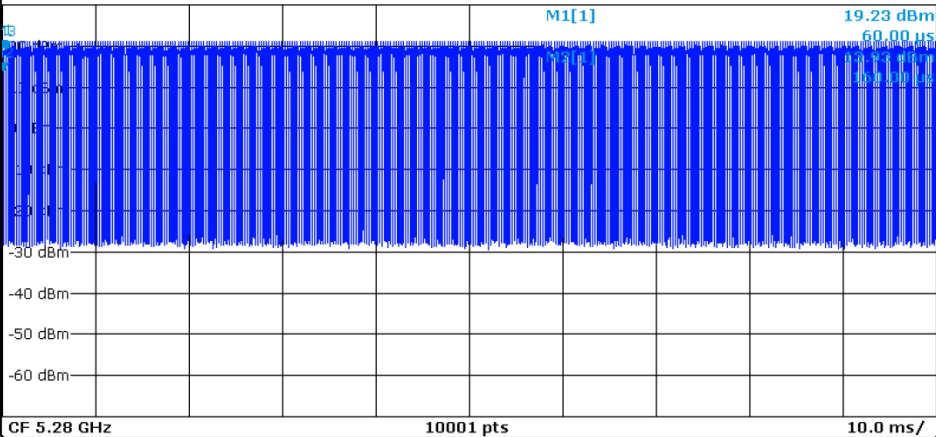
Duty Cycle NVNT a 5280MHz Ant1

Spectrum

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

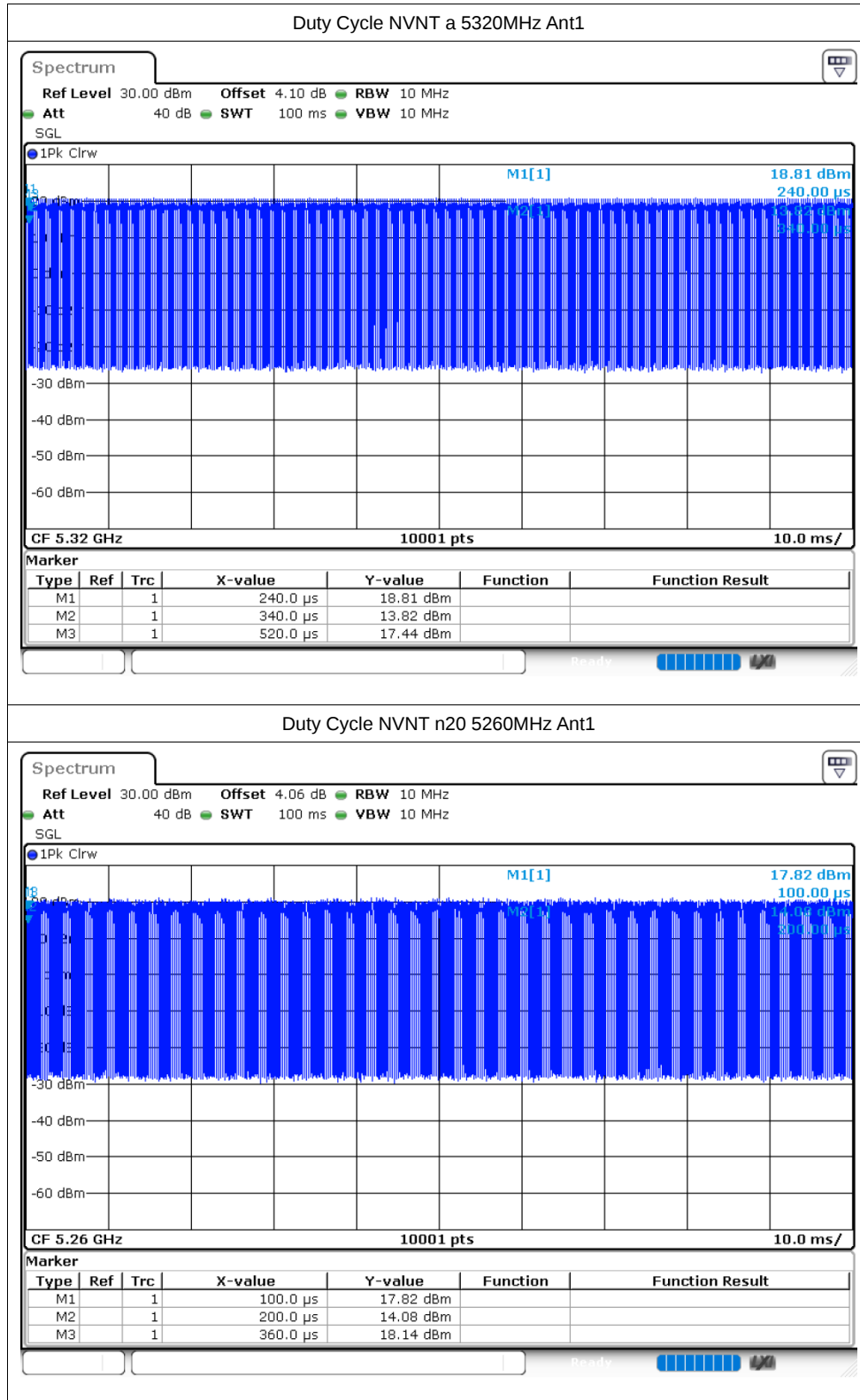
SGL

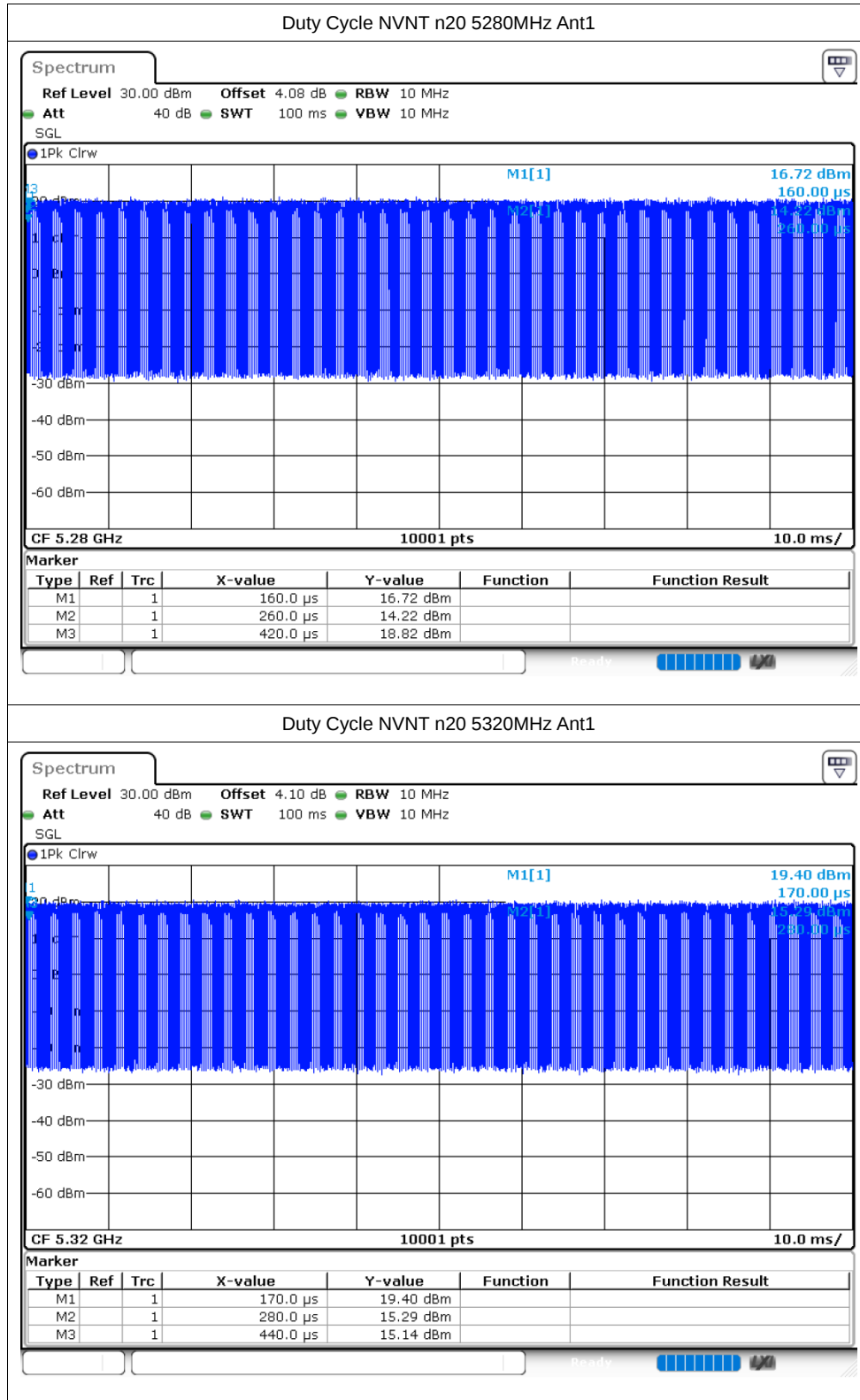
1Pk Clrw

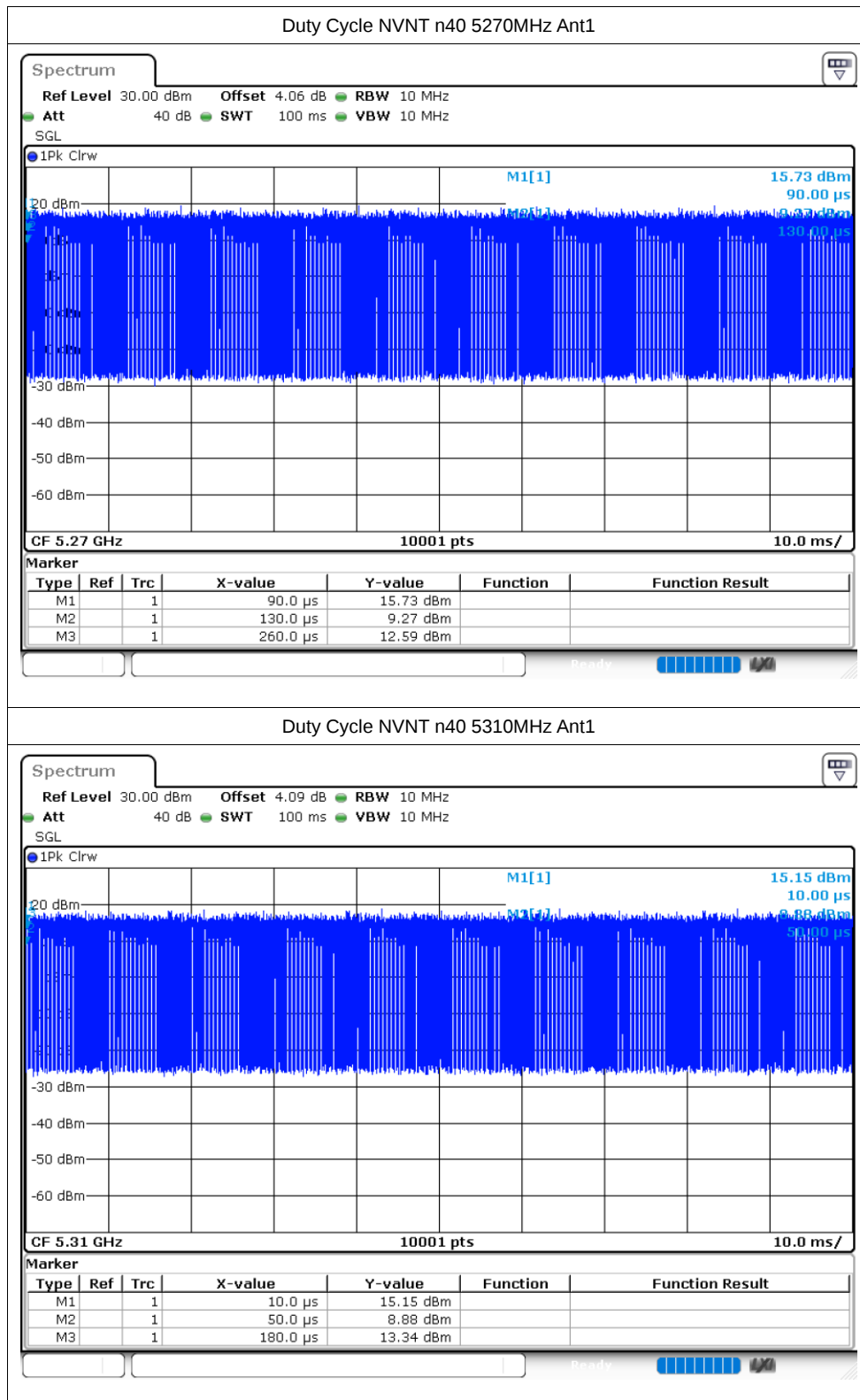


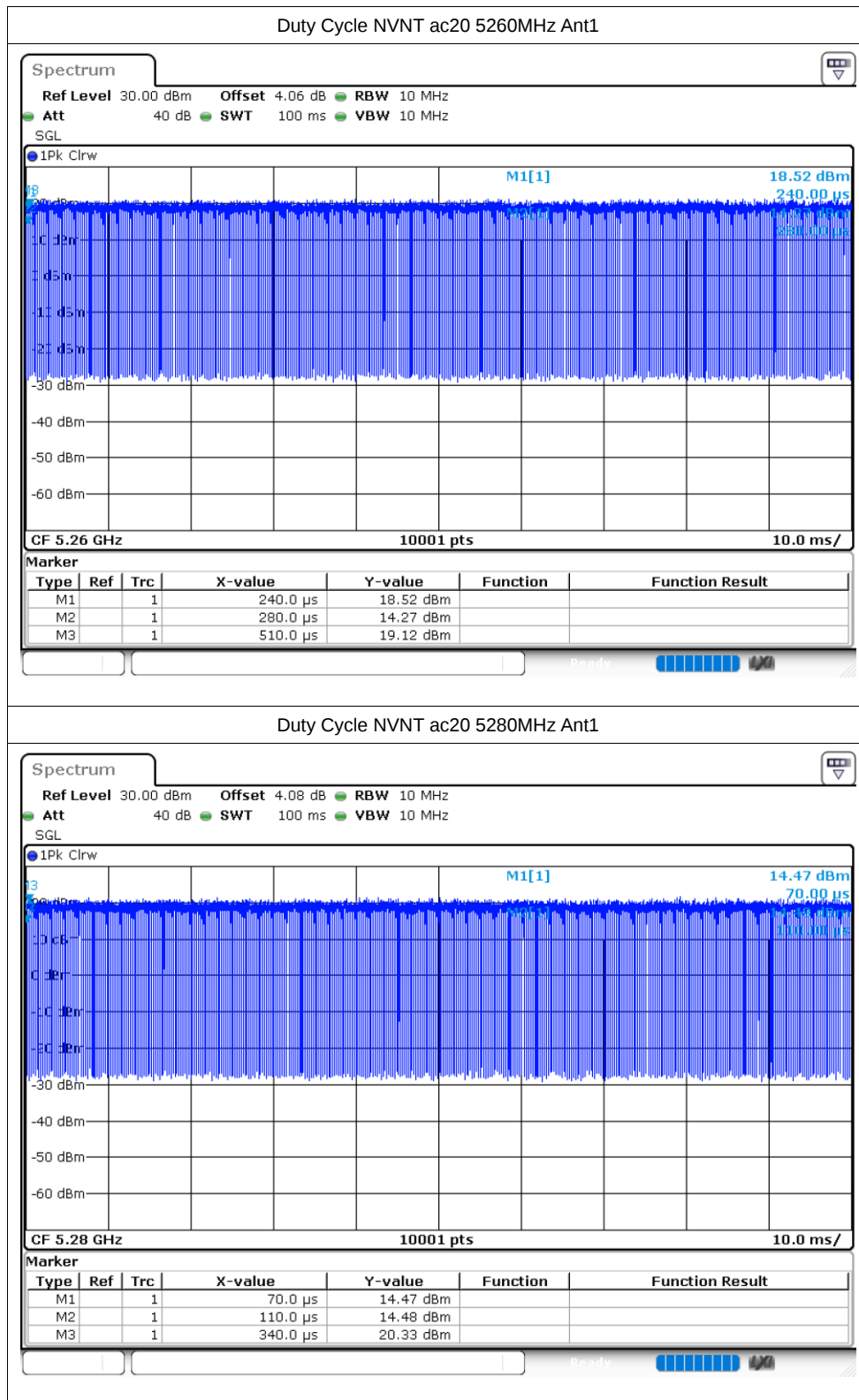
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	60.0 μ s	19.23 dBm		
M2		1	160.0 μ s	13.93 dBm		
M3		1	330.0 μ s	19.01 dBm		

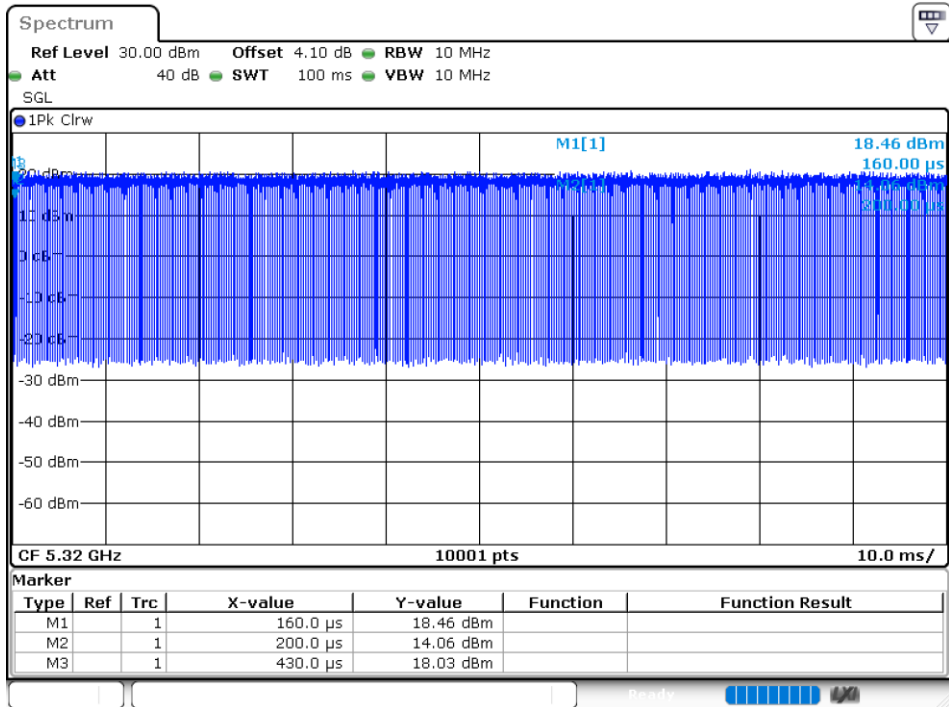




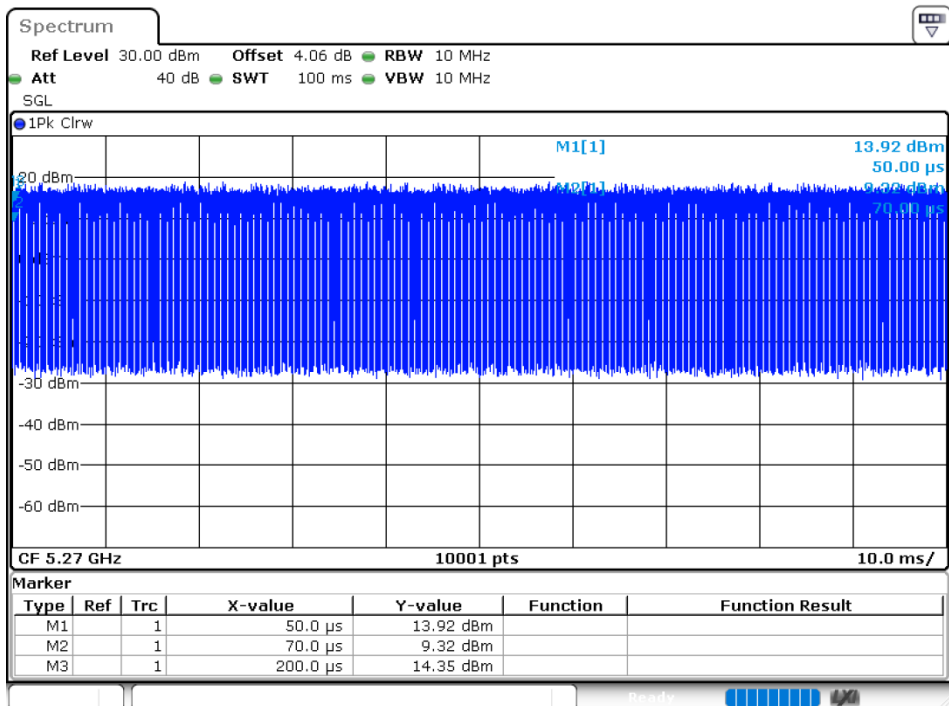


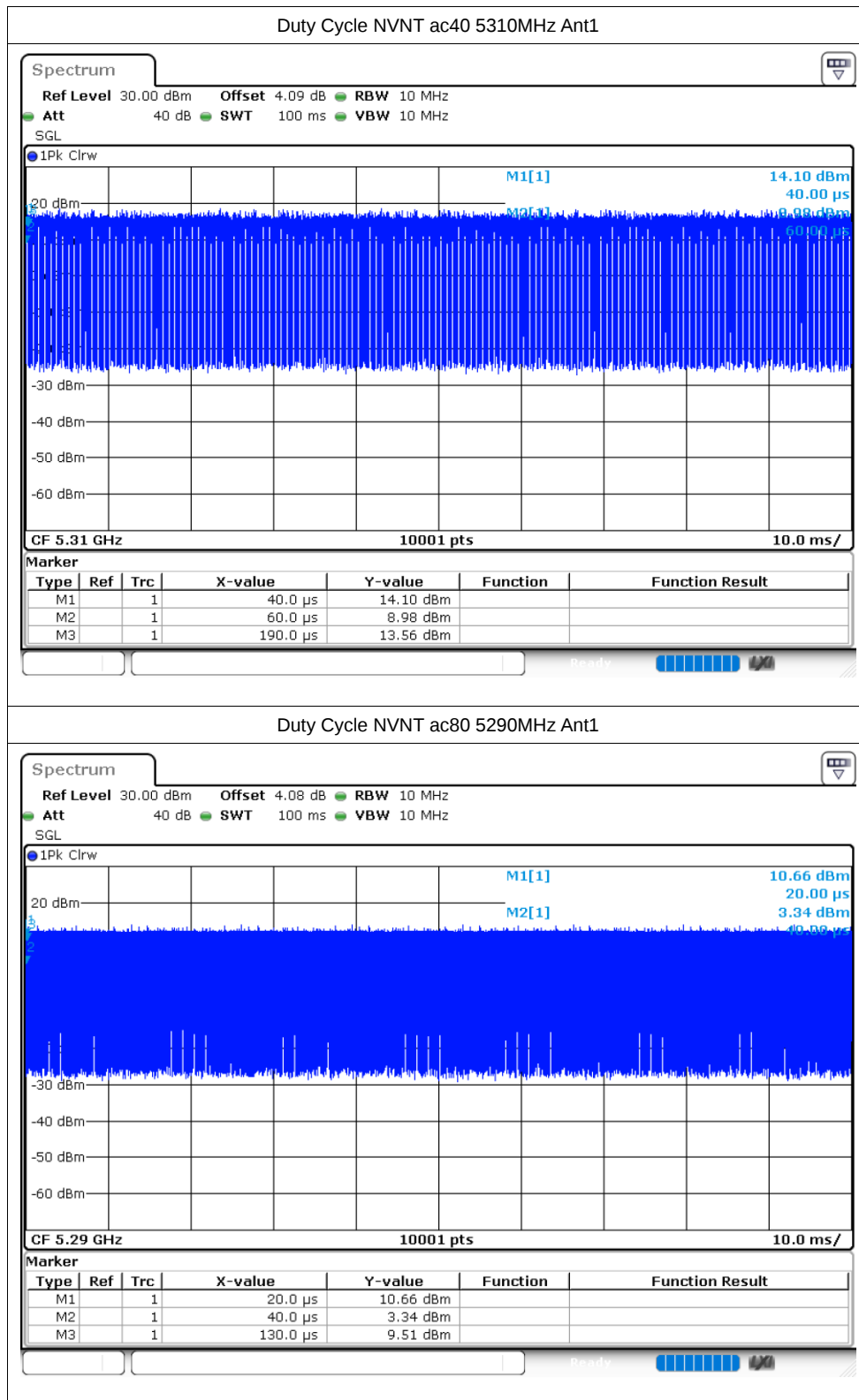


Duty Cycle NVNT ac20 5320MHz Ant1



Duty Cycle NVNT ac40 5270MHz Ant1





Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	14.6	24	Pass
NVNT	a	5280	Ant1	14.47	24	Pass
NVNT	a	5320	Ant1	14.89	24	Pass
NVNT	n20	5260	Ant1	14.27	24	Pass
NVNT	n20	5280	Ant1	14.46	24	Pass
NVNT	n20	5320	Ant1	14.66	24	Pass
NVNT	n40	5270	Ant1	13	24	Pass
NVNT	n40	5310	Ant1	13.13	24	Pass
NVNT	ac20	5260	Ant1	14.16	24	Pass
NVNT	ac20	5280	Ant1	14.11	24	Pass
NVNT	ac20	5320	Ant1	14.63	24	Pass
NVNT	ac40	5270	Ant1	13.29	24	Pass
NVNT	ac40	5310	Ant1	12.94	24	Pass
NVNT	ac80	5290	Ant1	10.82	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	20.394	0.5	Pass
NVNT	a	5280	Ant1	20.181	0.5	Pass
NVNT	a	5320	Ant1	20.559	0.5	Pass
NVNT	n20	5260	Ant1	20.679	0.5	Pass
NVNT	n20	5280	Ant1	21.117	0.5	Pass
NVNT	n20	5320	Ant1	20.463	0.5	Pass
NVNT	n40	5270	Ant1	39.258	0.5	Pass
NVNT	n40	5310	Ant1	39.384	0.5	Pass
NVNT	ac20	5260	Ant1	20.964	0.5	Pass
NVNT	ac20	5280	Ant1	21.012	0.5	Pass
NVNT	ac20	5320	Ant1	20.829	0.5	Pass
NVNT	ac40	5270	Ant1	39.354	0.5	Pass
NVNT	ac40	5310	Ant1	39.186	0.5	Pass
NVNT	ac80	5290	Ant1	80.508	0.5	Pass

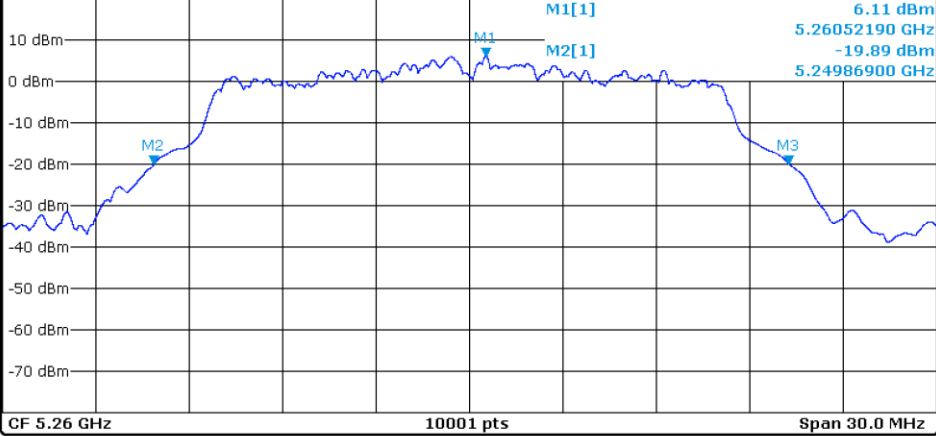
Test Graphs

-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



Marker

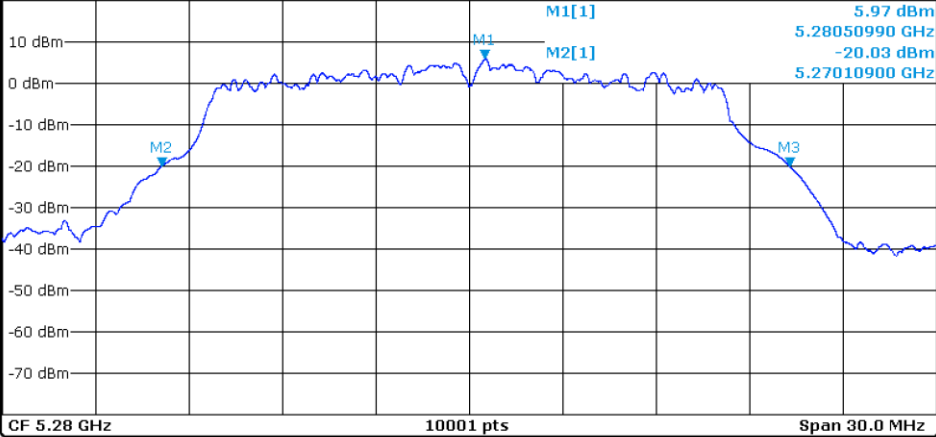
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.2605219 GHz	6.11 dBm		
M2	1		5.249869 GHz	-19.89 dBm		
M3	1		5.270263 GHz	-19.89 dBm		

-26dB Bandwidth NVNT a 5280MHz Ant1

Spectrum

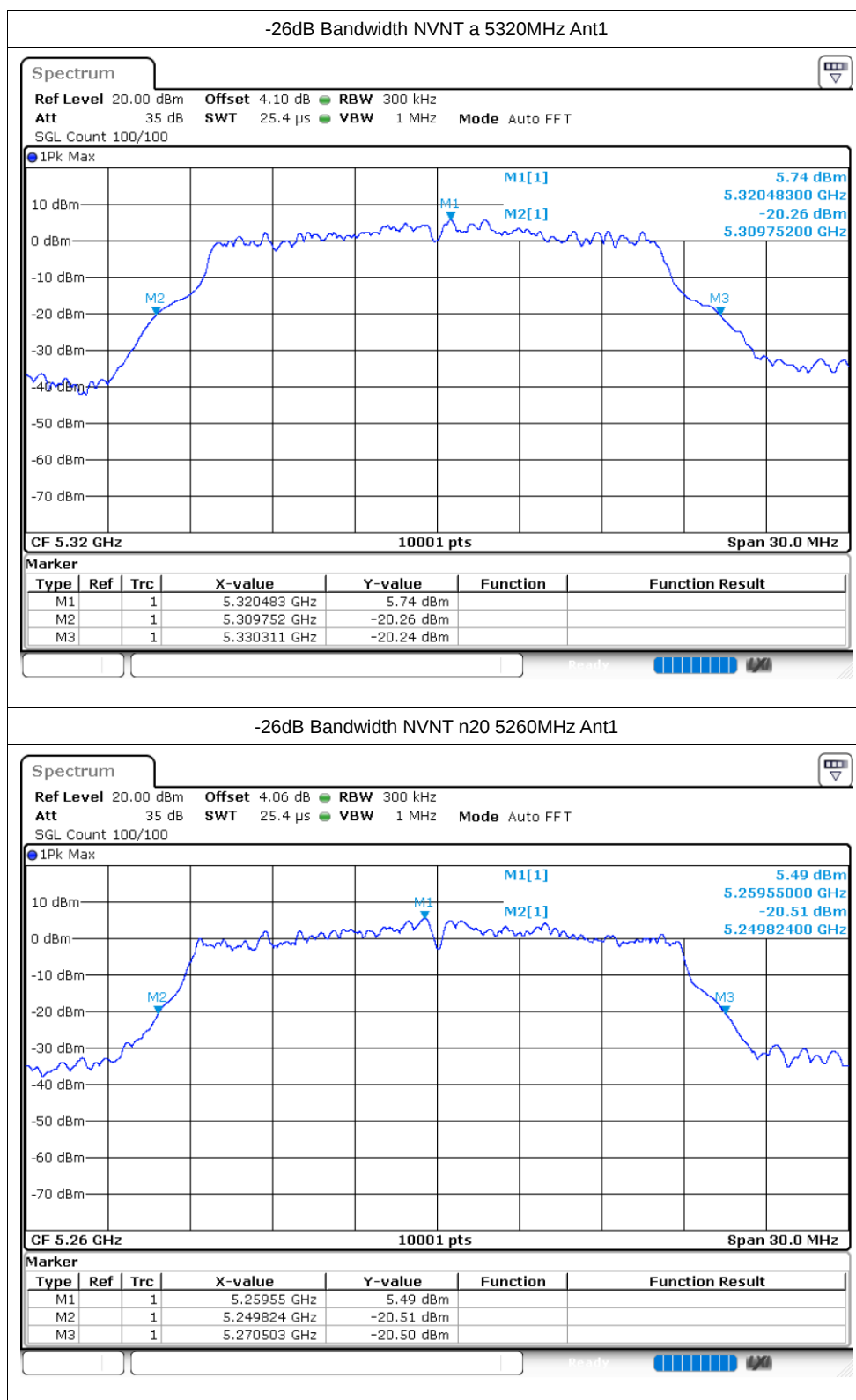
Ref Level 20.00 dBm Offset 4.08 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

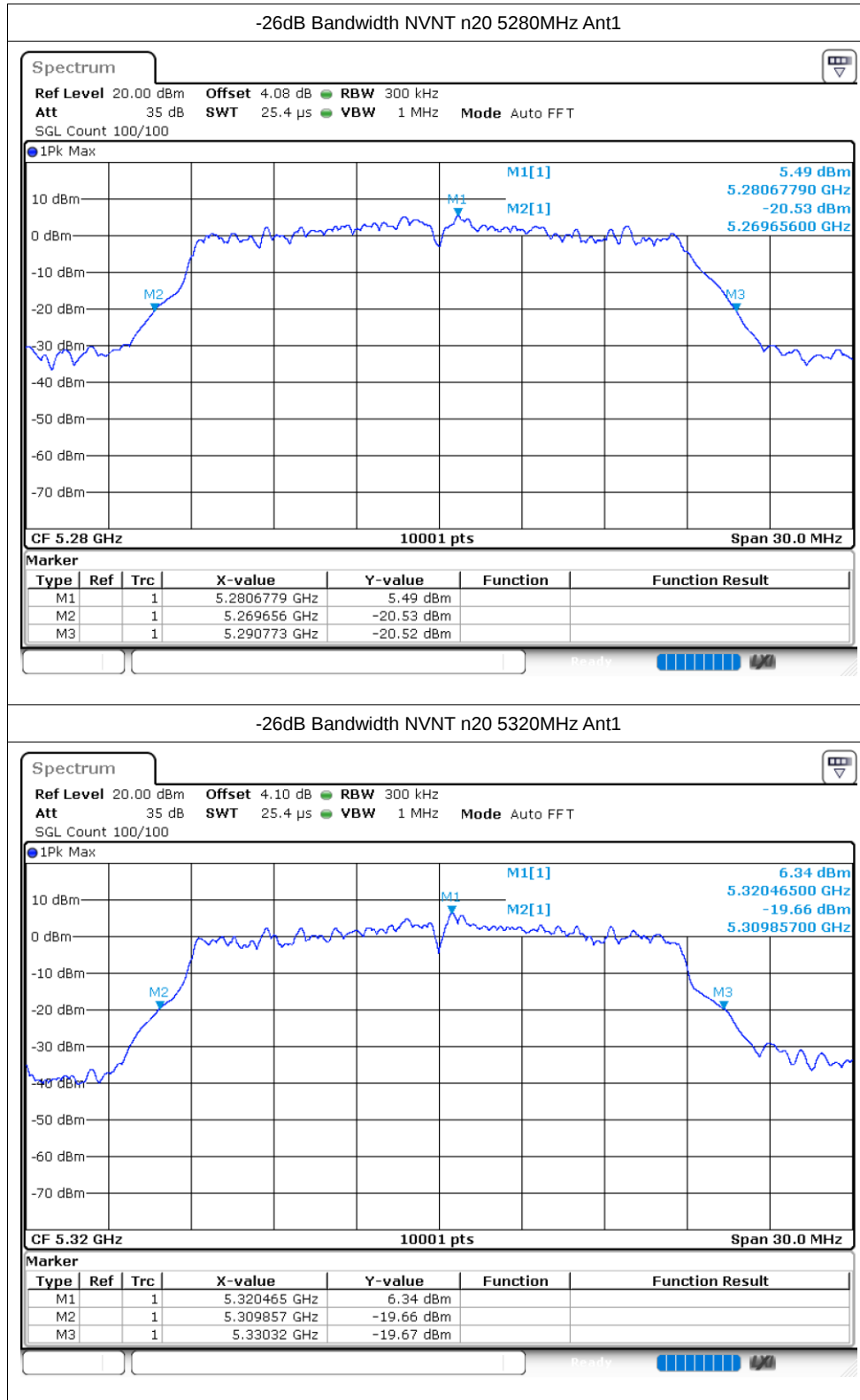
1Pk Max

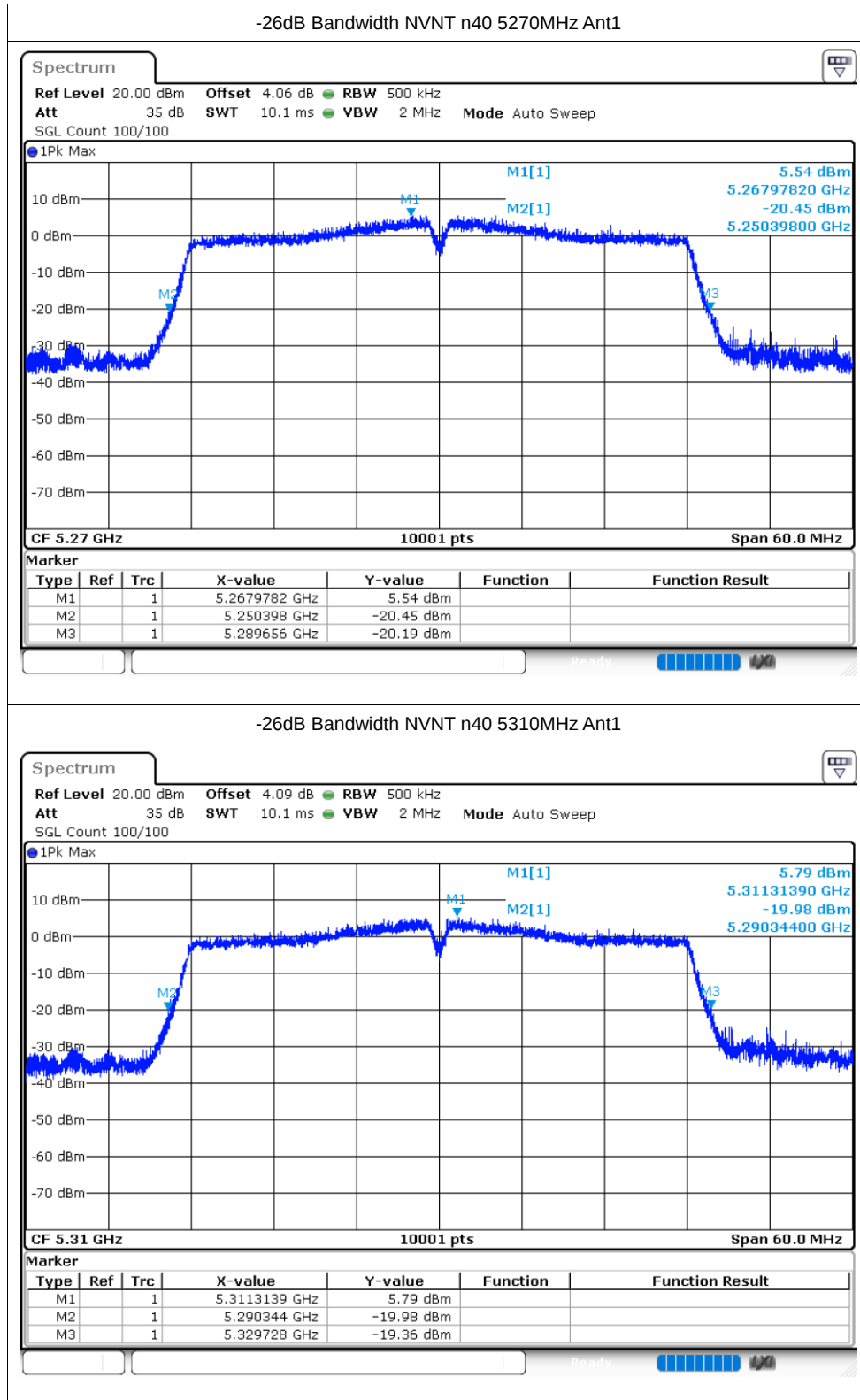


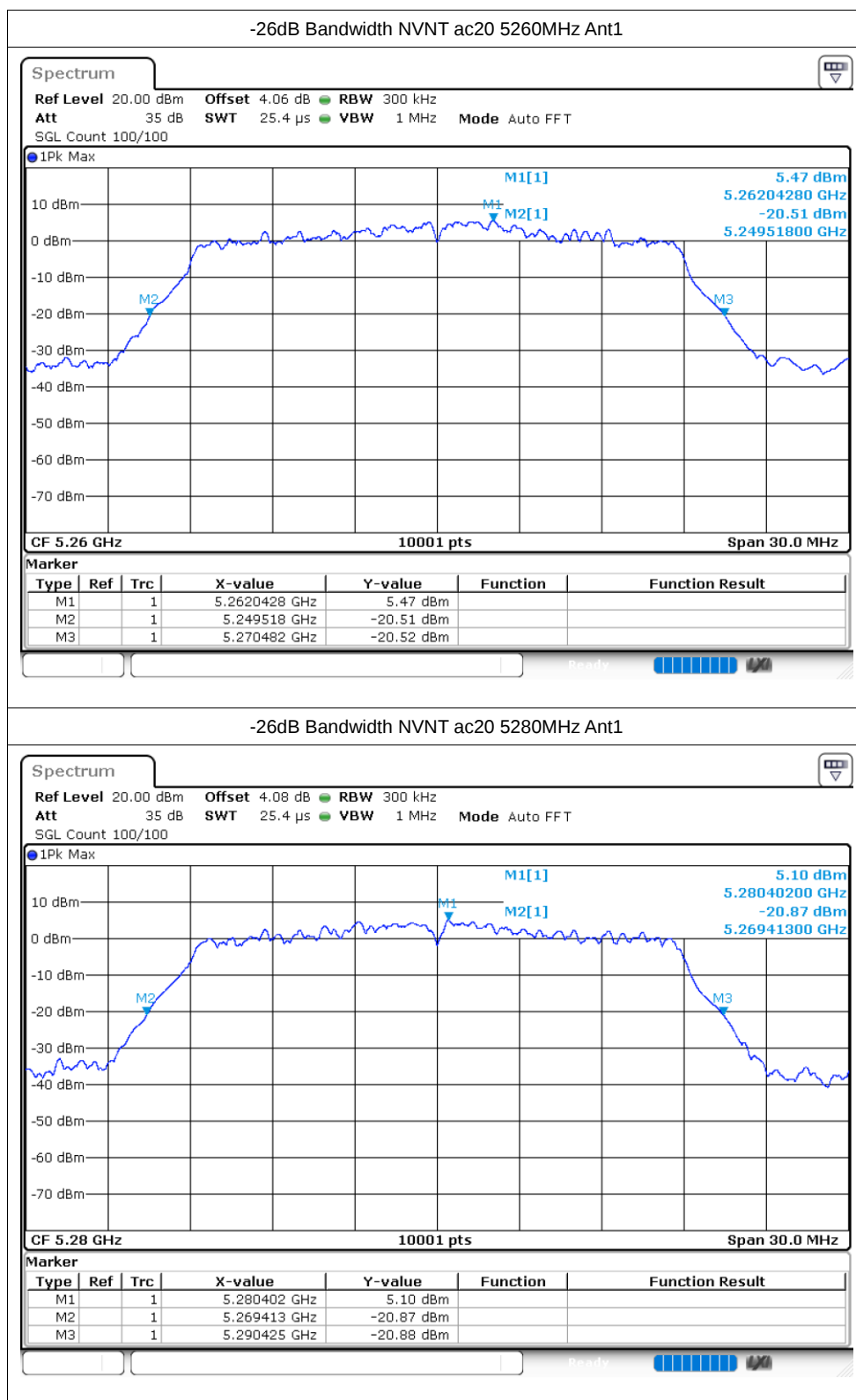
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.2805099 GHz	5.97 dBm		
M2	1		5.270109 GHz	-20.03 dBm		
M3	1		5.29029 GHz	-20.04 dBm		







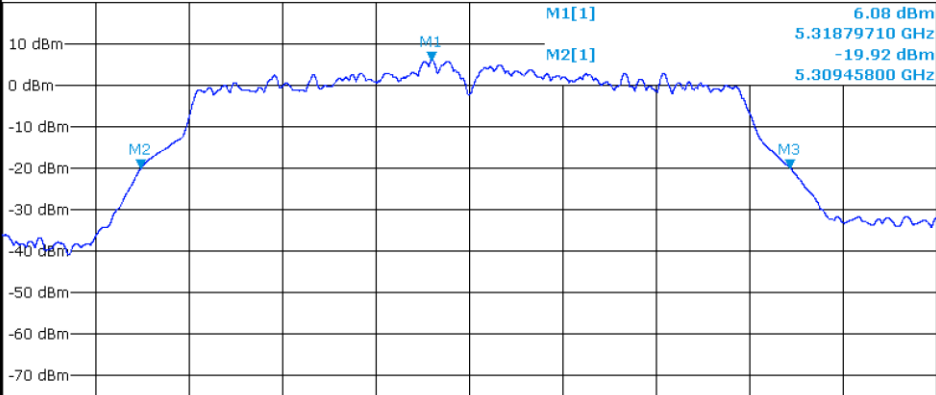


-26dB Bandwidth NVNT ac20 5320MHz Ant1

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



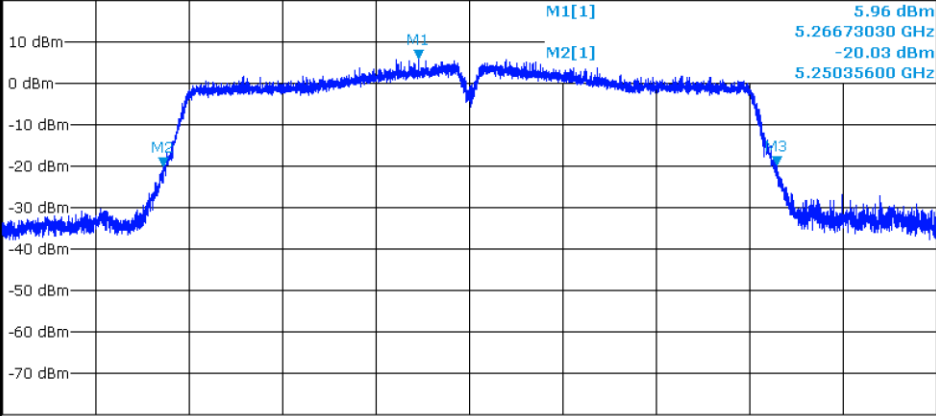
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.3187971 GHz	6.08 dBm		
M2		1	5.309458 GHz	-19.92 dBm		
M3		1	5.330287 GHz	-19.93 dBm		

-26dB Bandwidth NVNT ac40 5270MHz Ant1

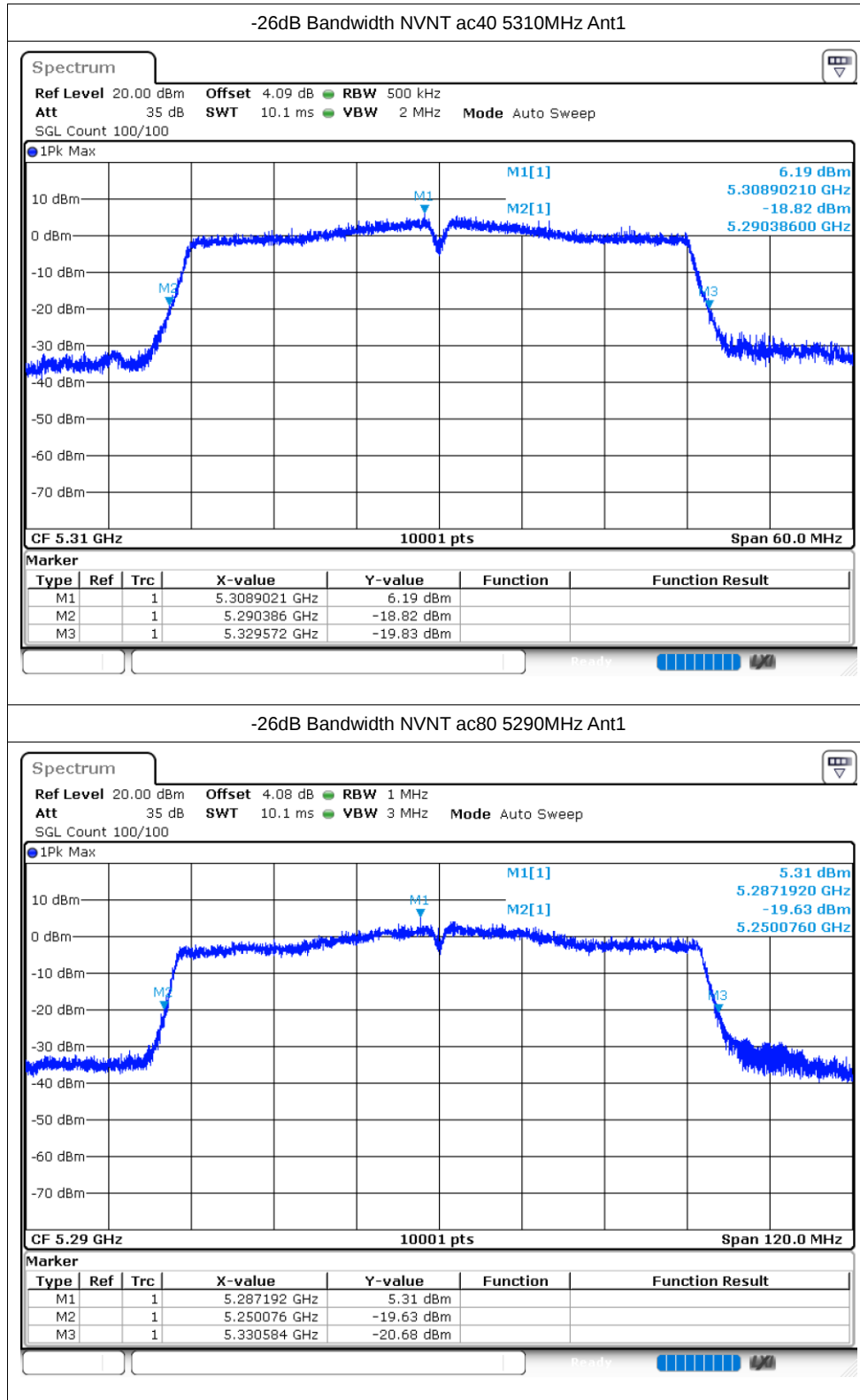
Spectrum

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



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2667303 GHz	5.96 dBm		
M2		1	5.250356 GHz	-20.03 dBm		
M3		1	5.28971 GHz	-19.67 dBm		

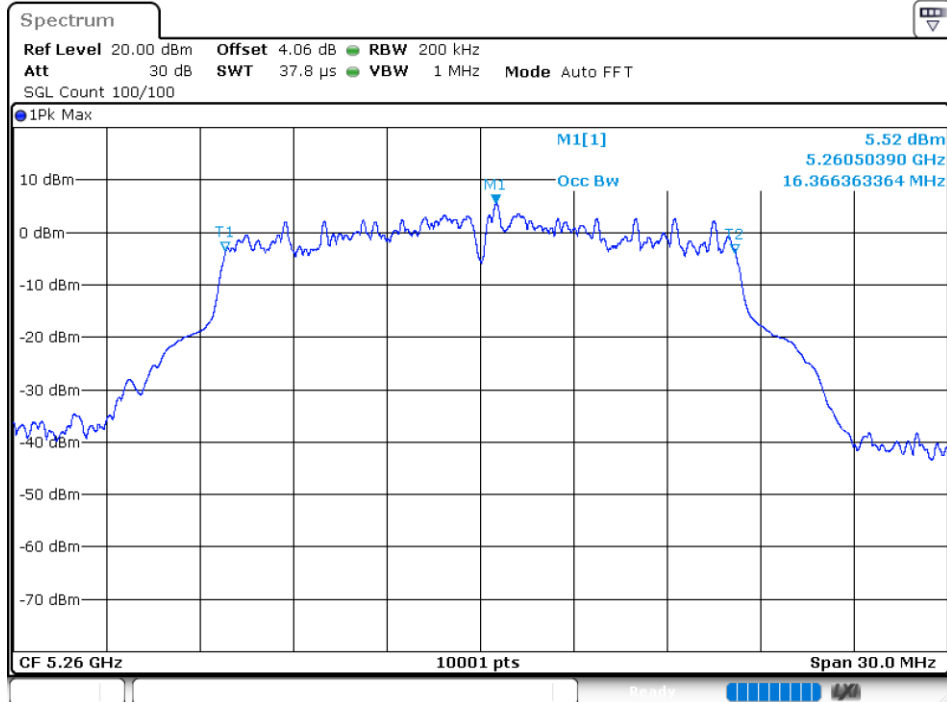


Occupied Channel Bandwidth

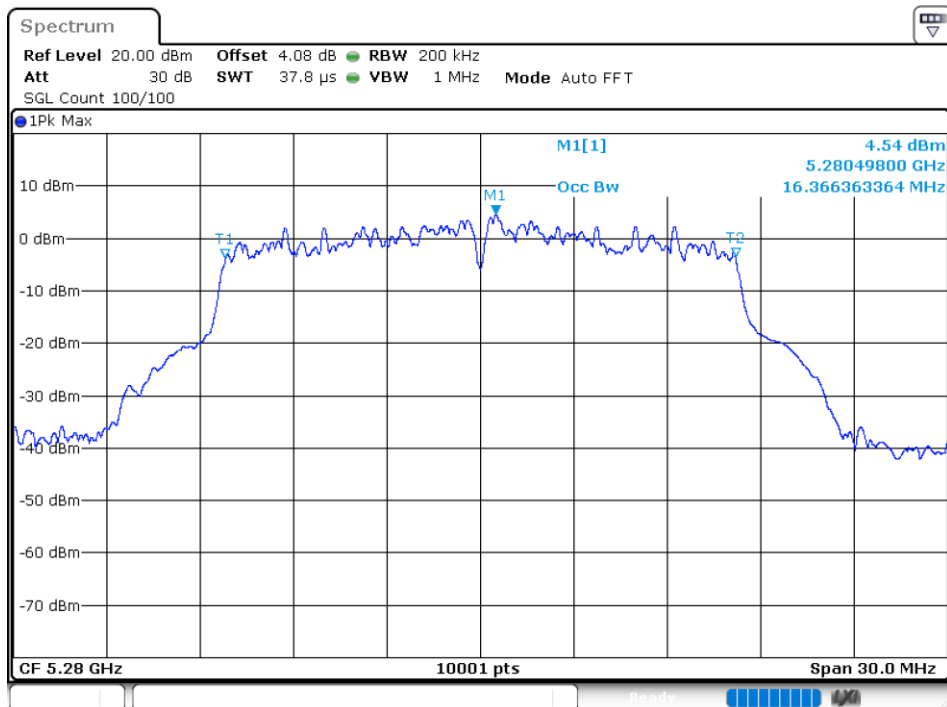
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.366
NVNT	a	5280	Ant1	16.366
NVNT	a	5320	Ant1	16.363
NVNT	n20	5260	Ant1	17.611
NVNT	n20	5280	Ant1	17.647
NVNT	n20	5320	Ant1	17.605
NVNT	n40	5270	Ant1	36.05
NVNT	n40	5310	Ant1	36.068
NVNT	ac20	5260	Ant1	17.515
NVNT	ac20	5280	Ant1	17.722
NVNT	ac20	5320	Ant1	17.605
NVNT	ac40	5270	Ant1	36.062
NVNT	ac40	5310	Ant1	36.092
NVNT	ac80	5290	Ant1	75.376

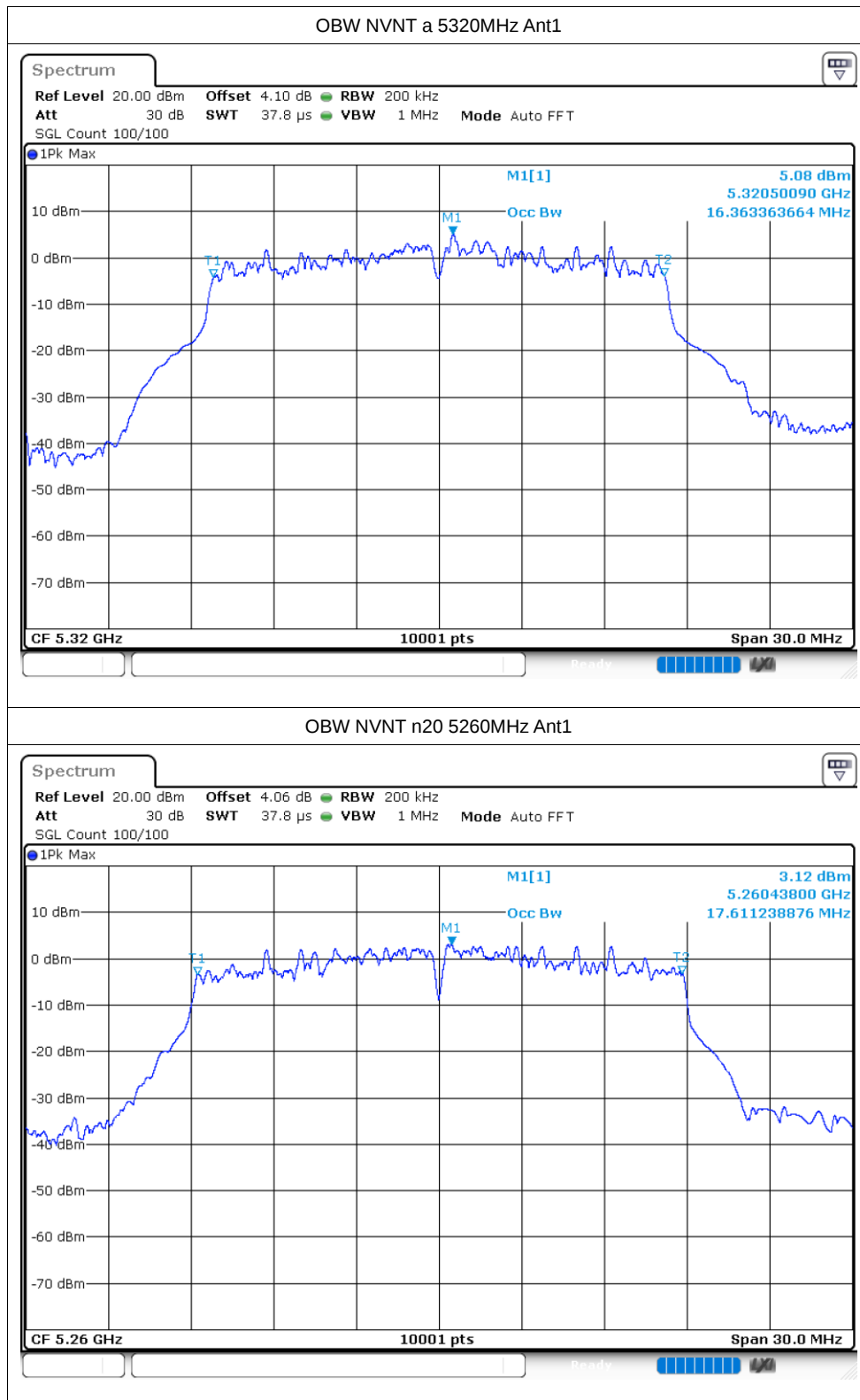
Test Graphs

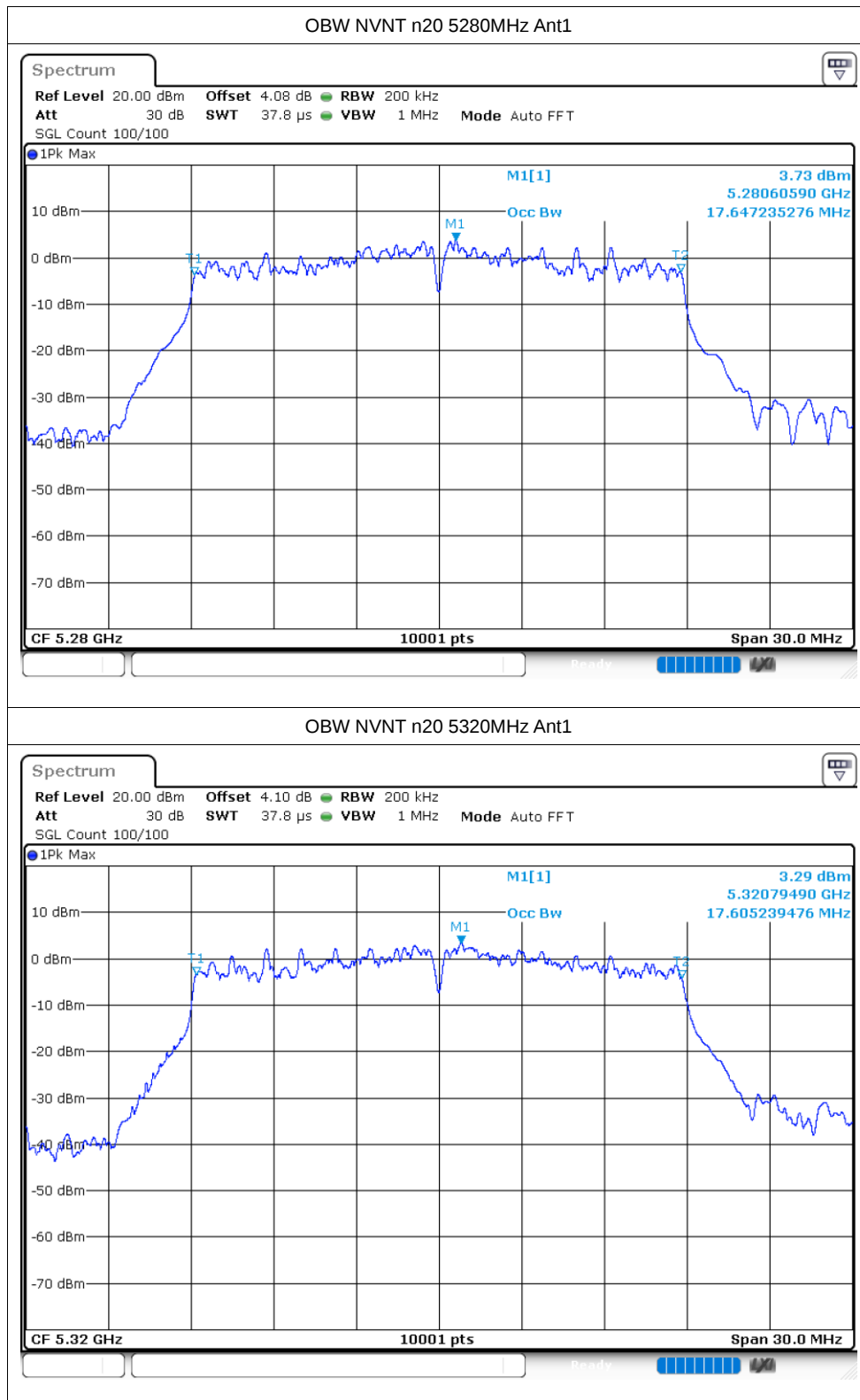
OBW NVNT a 5260MHz Ant1

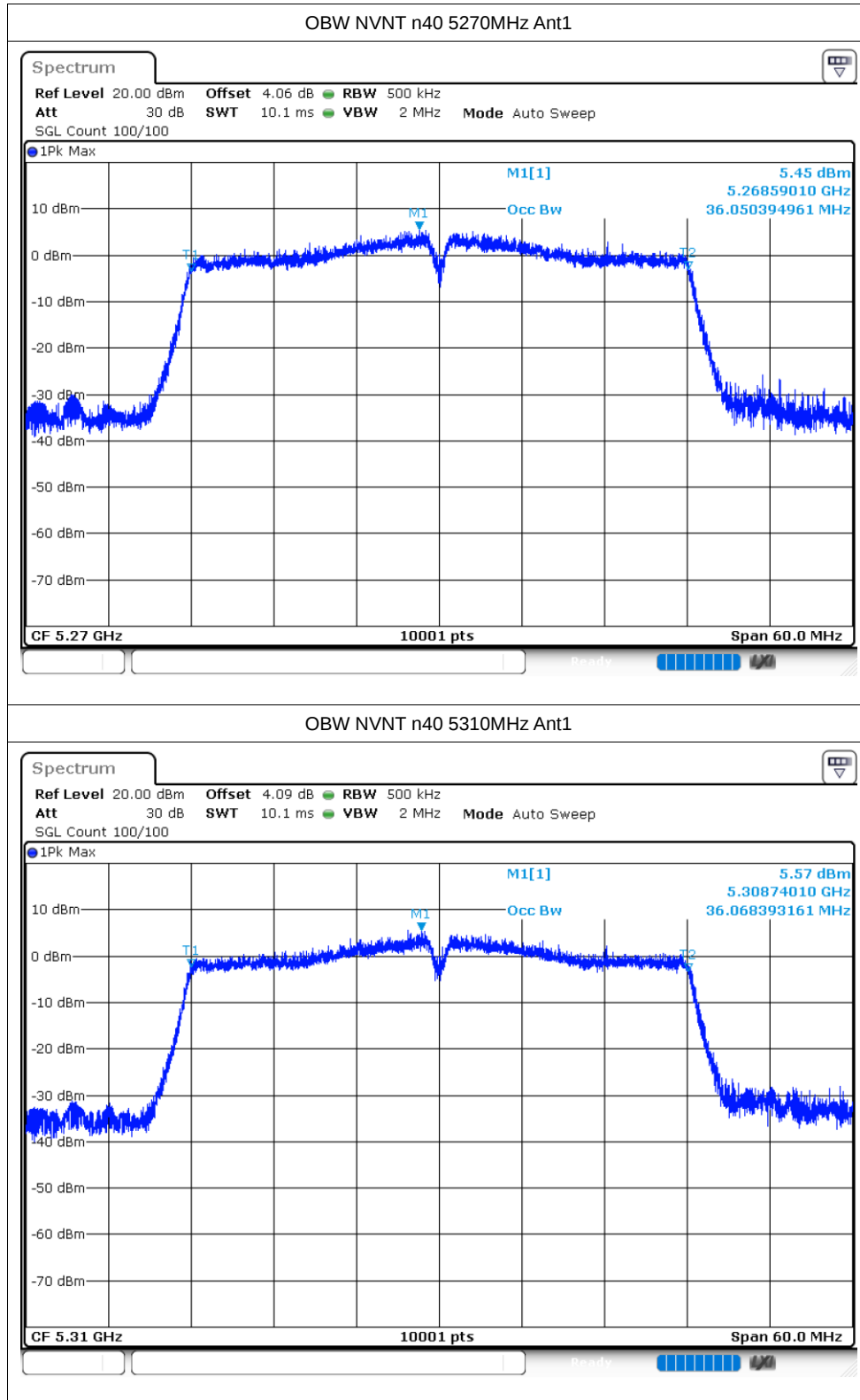


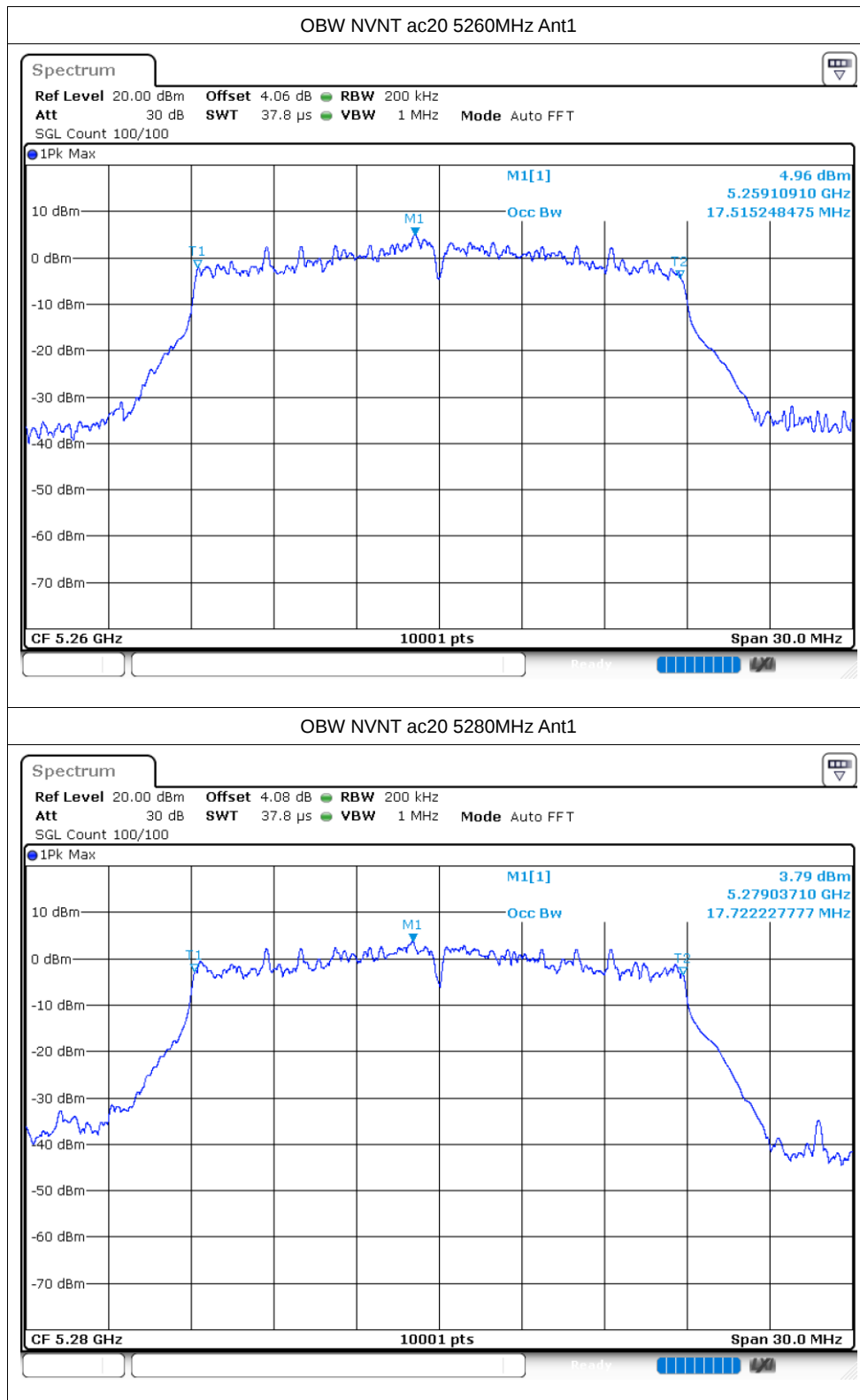
OBW NVNT a 5280MHz Ant1

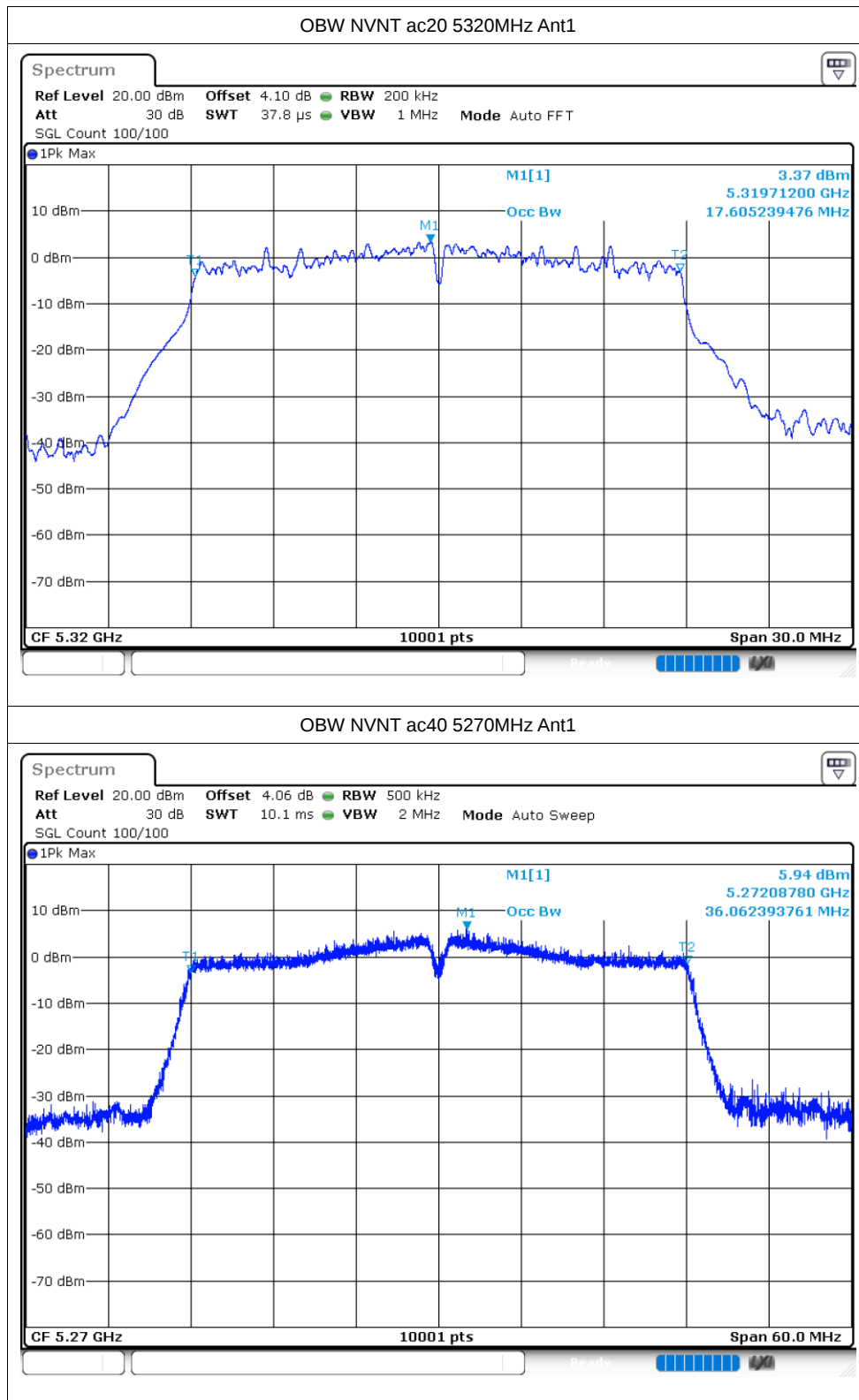


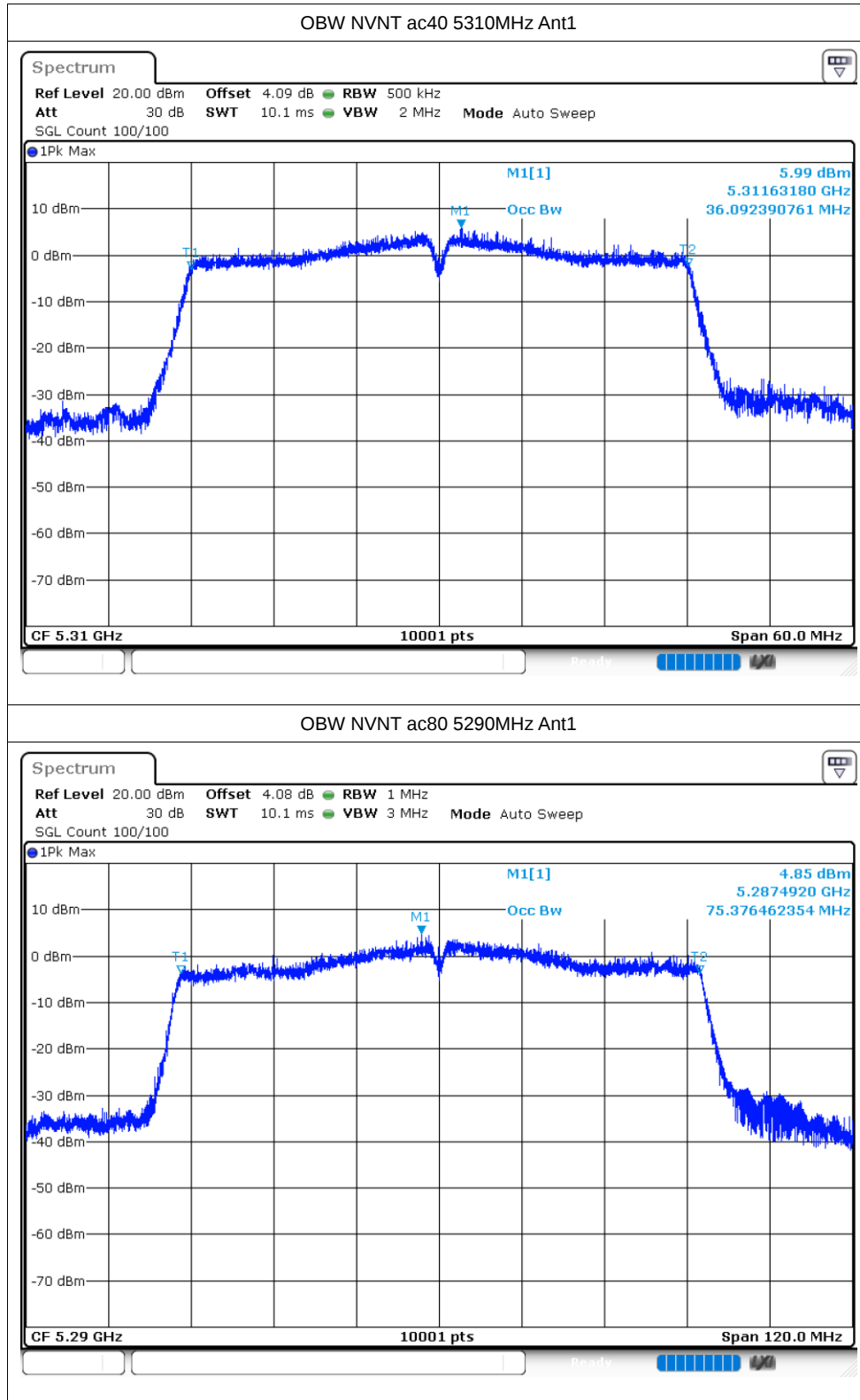










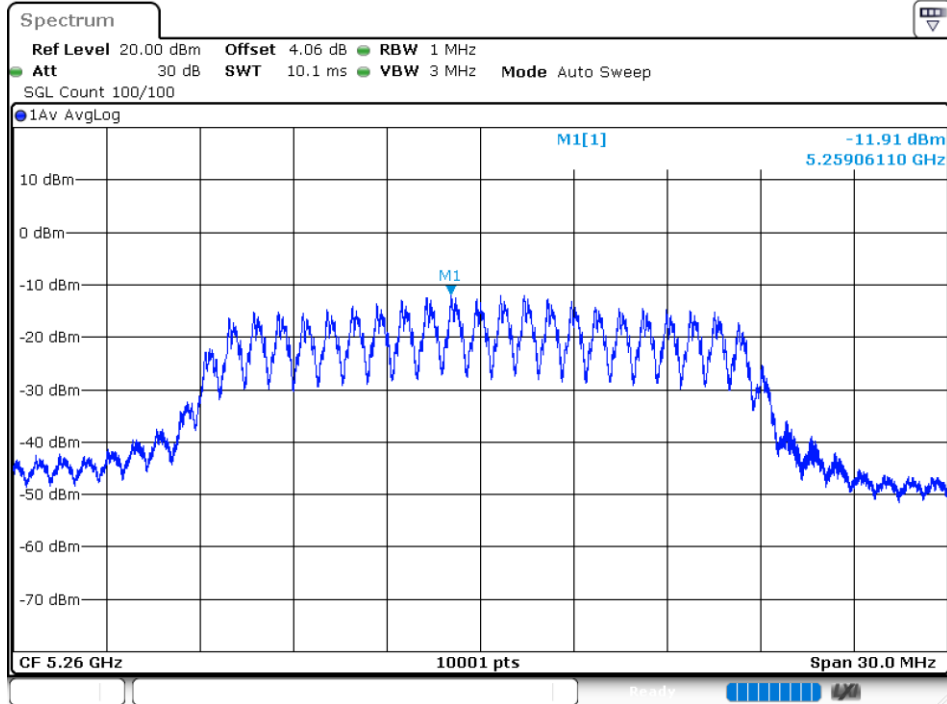


Maximum Power Spectral Density Level

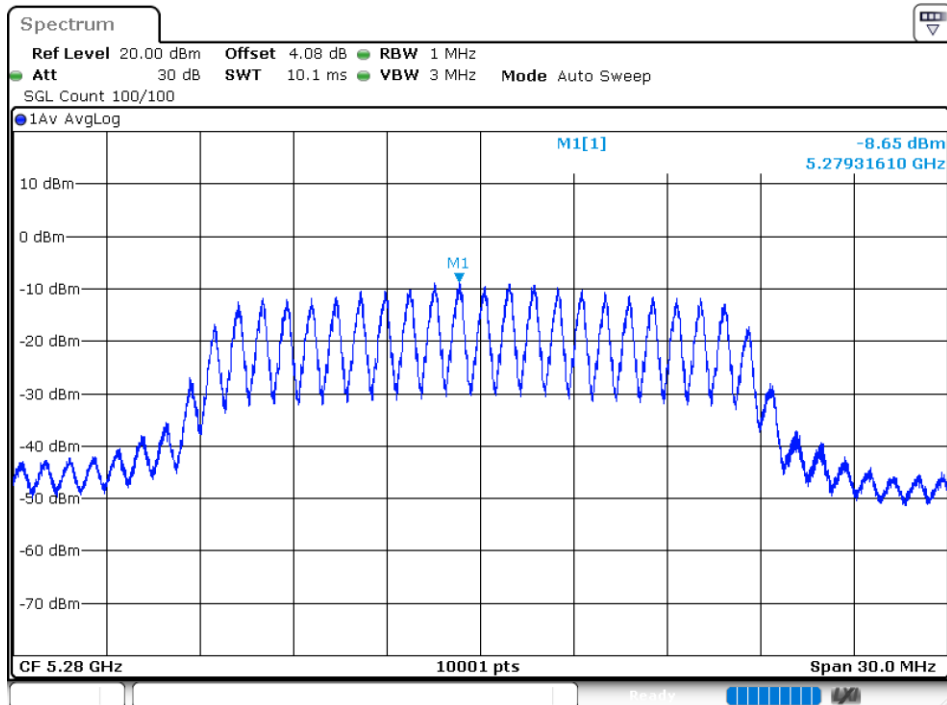
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-11.91	1.74	-10.17	11	Pass
NVNT	a	5280	Ant1	-8.65	1.74	-6.91	11	Pass
NVNT	a	5320	Ant1	-13	1.74	-11.26	11	Pass
NVNT	n20	5260	Ant1	-15.17	1.84	-13.33	11	Pass
NVNT	n20	5280	Ant1	-15.92	1.84	-14.08	11	Pass
NVNT	n20	5320	Ant1	-15.66	1.84	-13.82	11	Pass
NVNT	n40	5270	Ant1	-9.53	0.89	-8.64	11	Pass
NVNT	n40	5310	Ant1	-9.87	0.89	-8.98	11	Pass
NVNT	ac20	5260	Ant1	-3.39	0.53	-2.86	11	Pass
NVNT	ac20	5280	Ant1	-3.16	0.53	-2.63	11	Pass
NVNT	ac20	5320	Ant1	-1.79	0.53	-1.26	11	Pass
NVNT	ac40	5270	Ant1	-6.6	0.35	-6.25	11	Pass
NVNT	ac40	5310	Ant1	-4.6	0.35	-4.25	11	Pass
NVNT	ac80	5290	Ant1	-10.47	0.5	-9.97	11	Pass

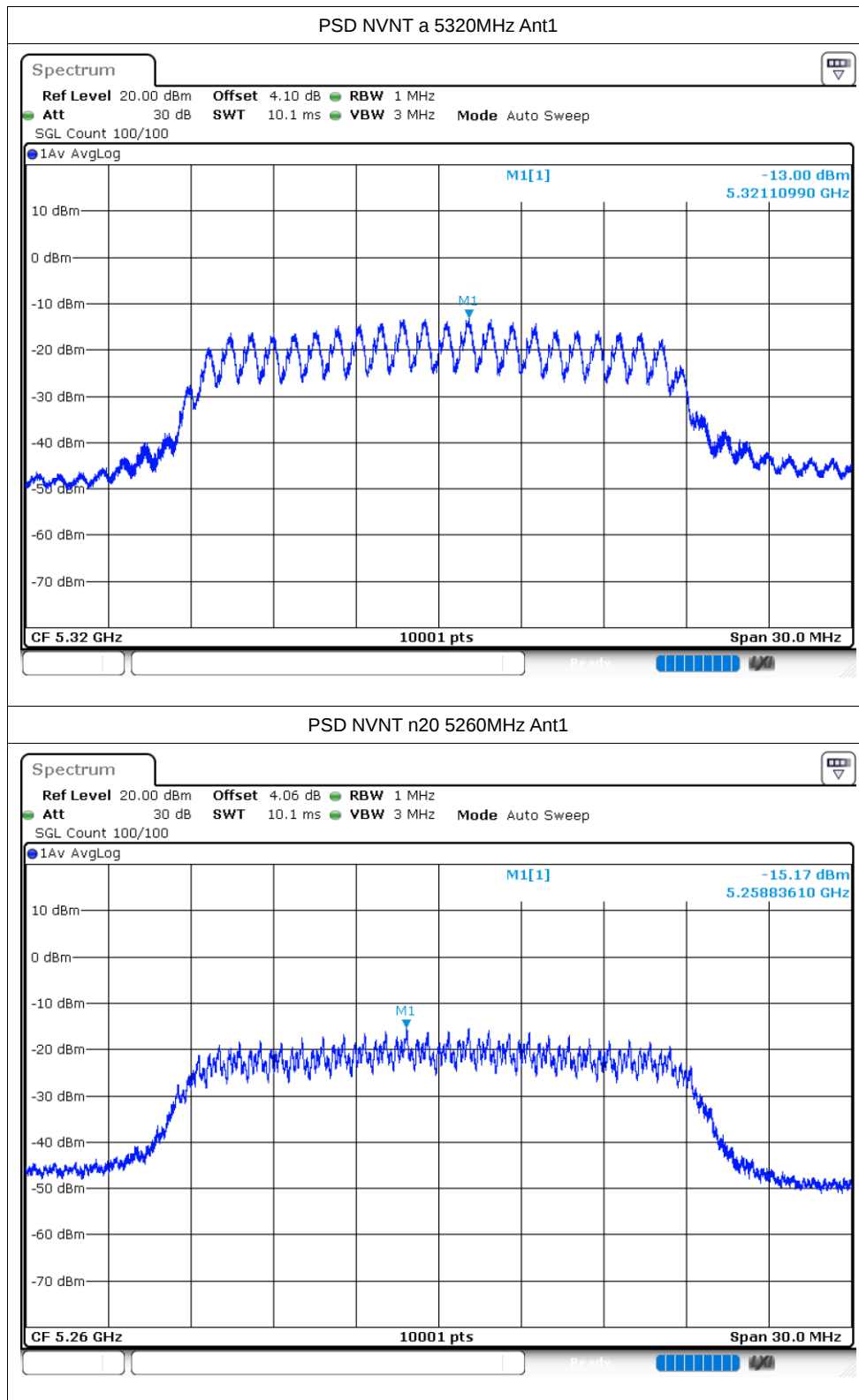
Test Graphs

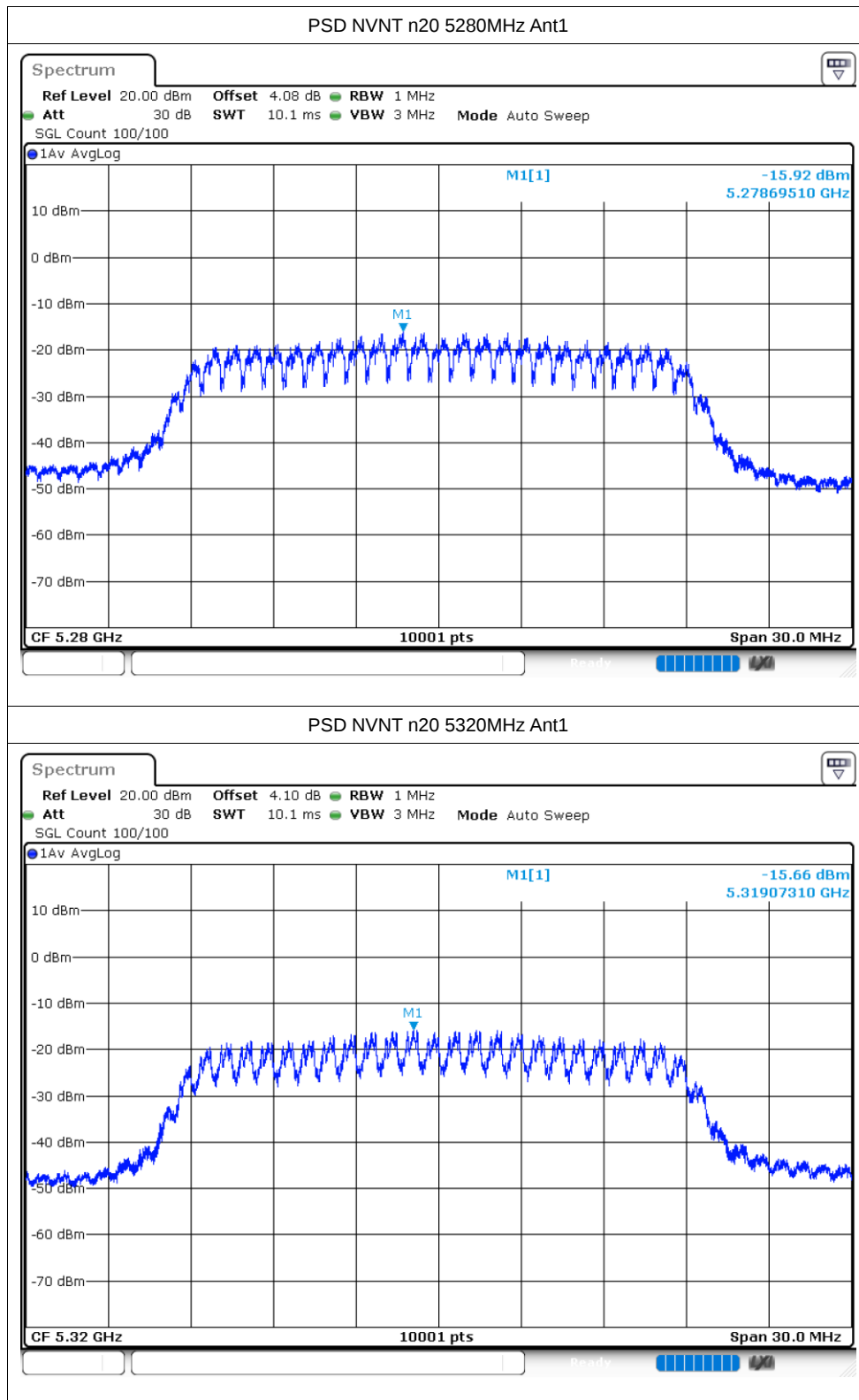
PSD NVNT a 5260MHz Ant1

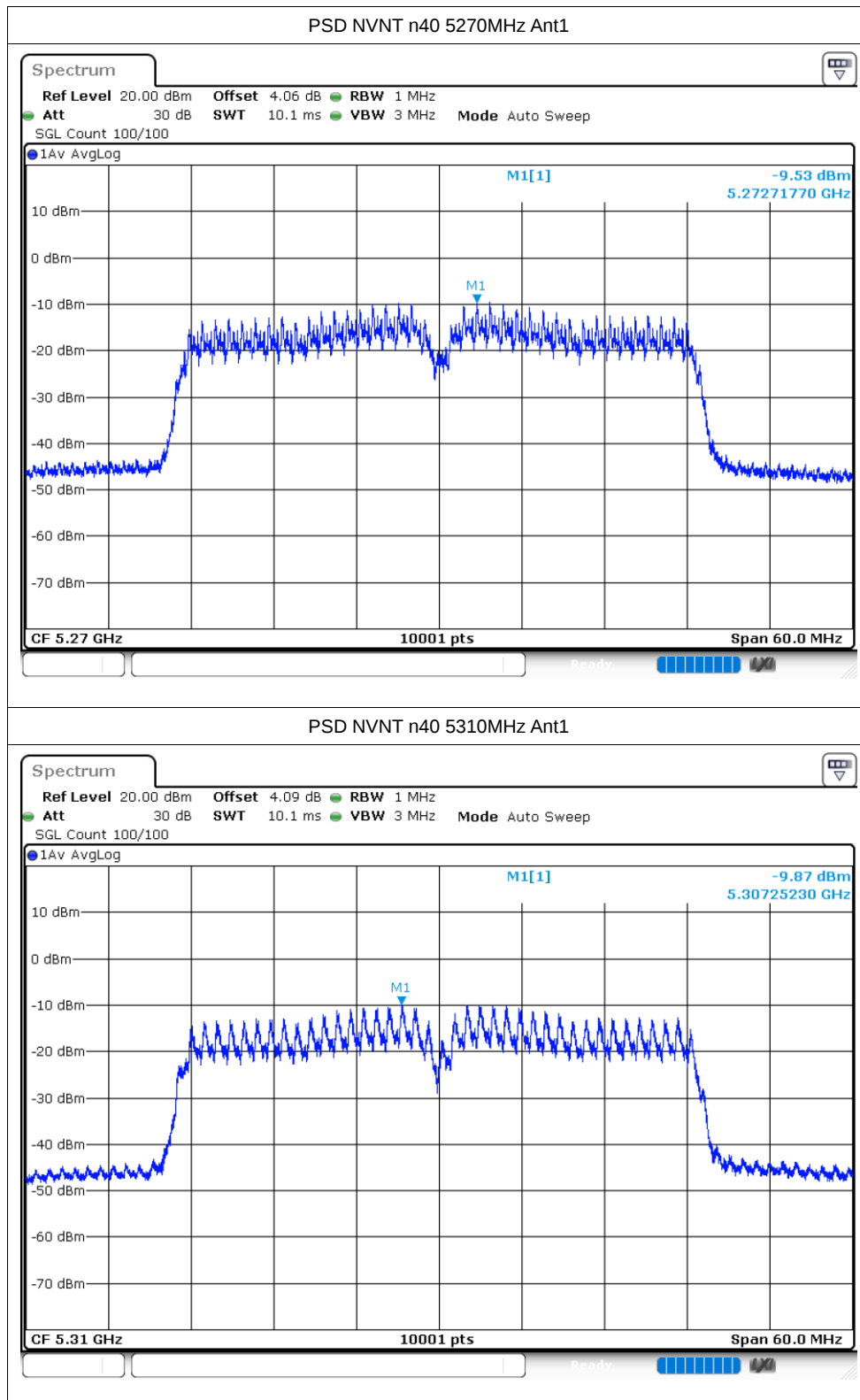


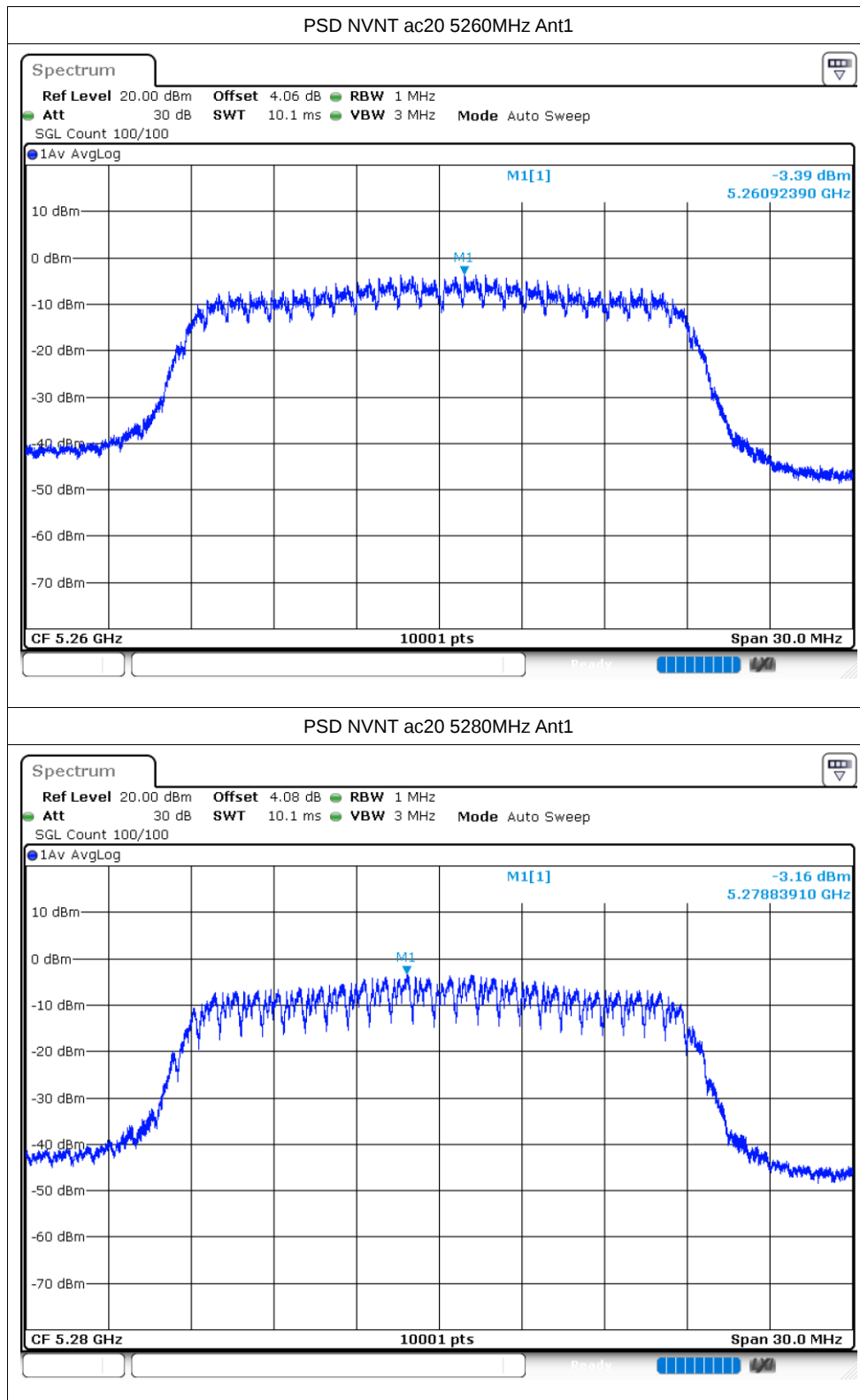
PSD NVNT a 5280MHz Ant1

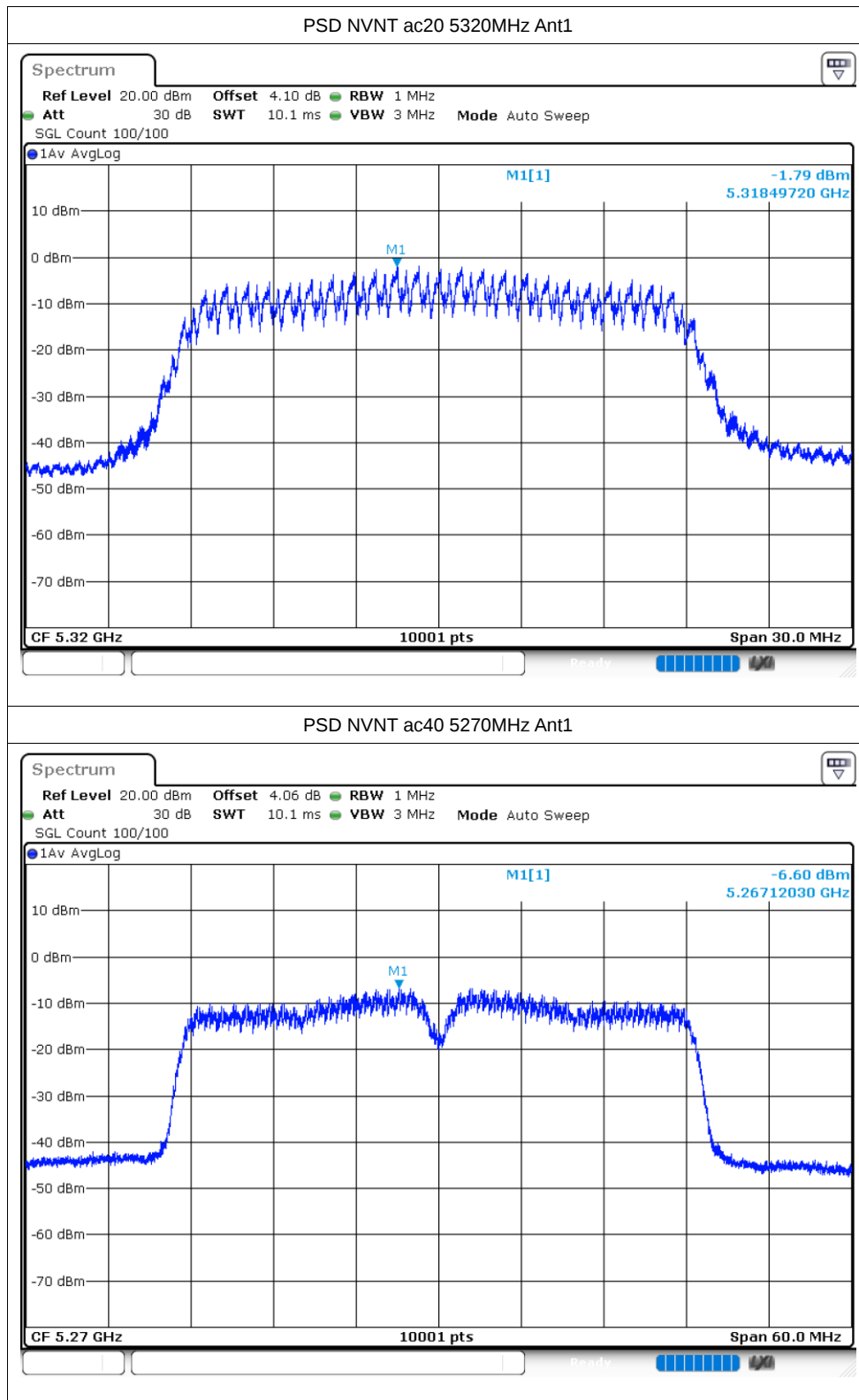


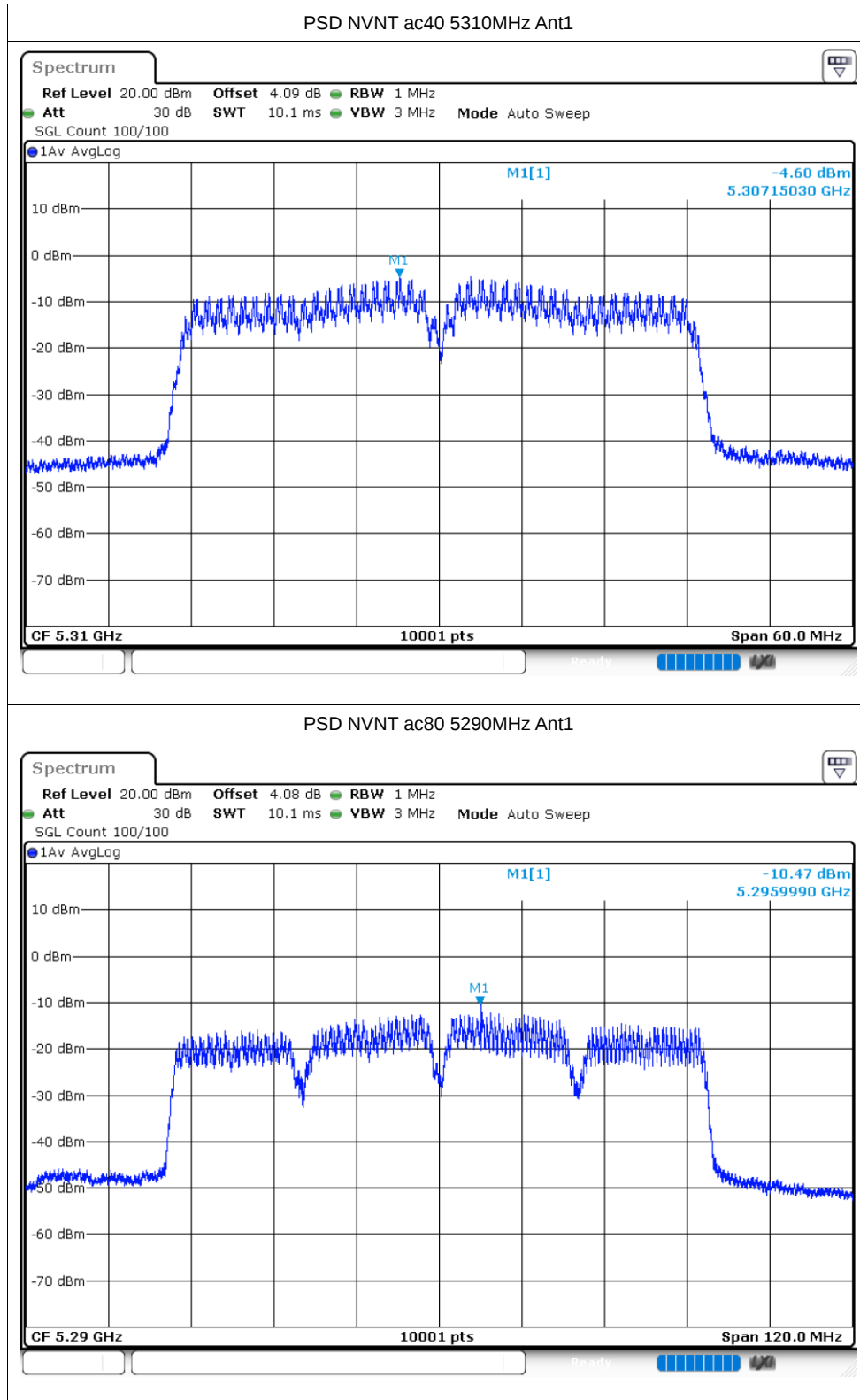












Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-38.74	-27	Pass
NVNT	a	5320	Ant1	-29.24	-27	Pass
NVNT	n20	5260	Ant1	-38.55	-27	Pass
NVNT	n20	5320	Ant1	-27.45	-27	Pass
NVNT	n40	5270	Ant1	-38.29	-27	Pass
NVNT	n40	5310	Ant1	-28.5	-27	Pass
NVNT	ac20	5260	Ant1	-37.56	-27	Pass
NVNT	ac20	5320	Ant1	-27.92	-27	Pass
NVNT	ac40	5270	Ant1	-37.92	-27	Pass
NVNT	ac40	5310	Ant1	-27.66	-27	Pass
NVNT	ac80	5290	Ant1	-37.34	-27	Pass
NVNT	ac80	5290	Ant1	-30.84	-27	Pass

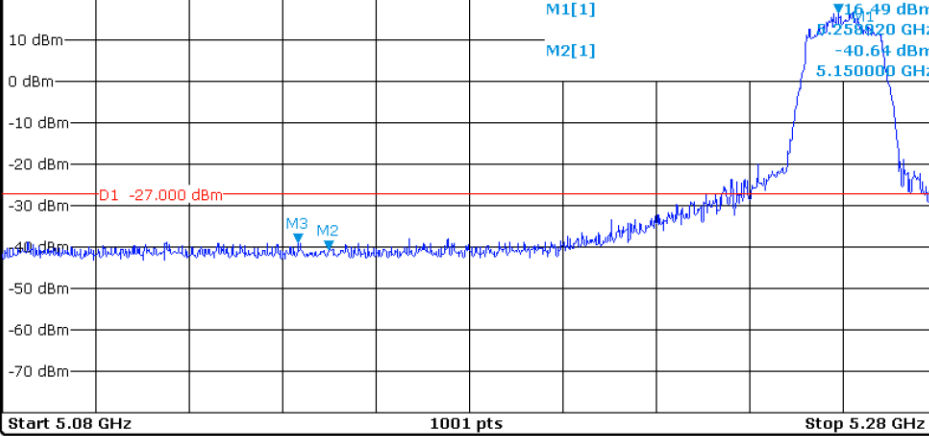
Test Graphs

Band Edge NVNT a 5260MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 8.96 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

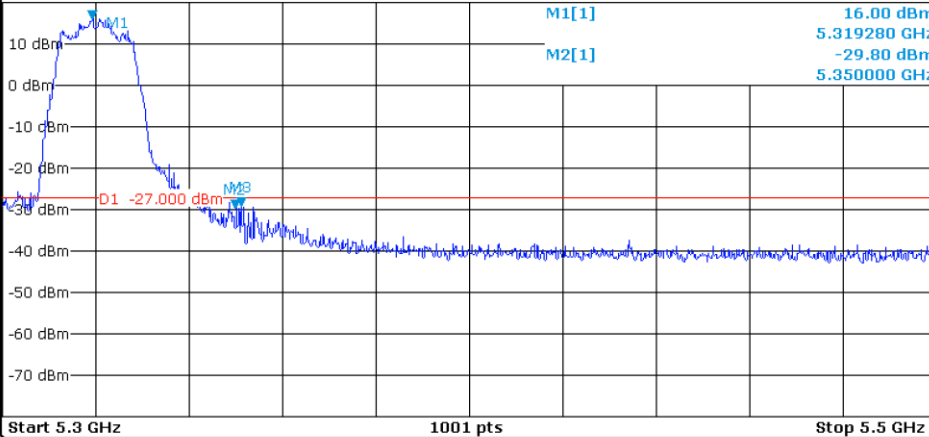
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.25892 GHz	16.49 dBm		
M2	1		5.15 GHz	-40.64 dBm		
M3	1		5.1434 GHz	-38.74 dBm		

Band Edge NVNT a 5320MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 9.00 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		5.31928 GHz	16.00 dBm		
M2	1		5.35 GHz	-29.80 dBm		
M3	1		5.3512 GHz	-29.25 dBm		