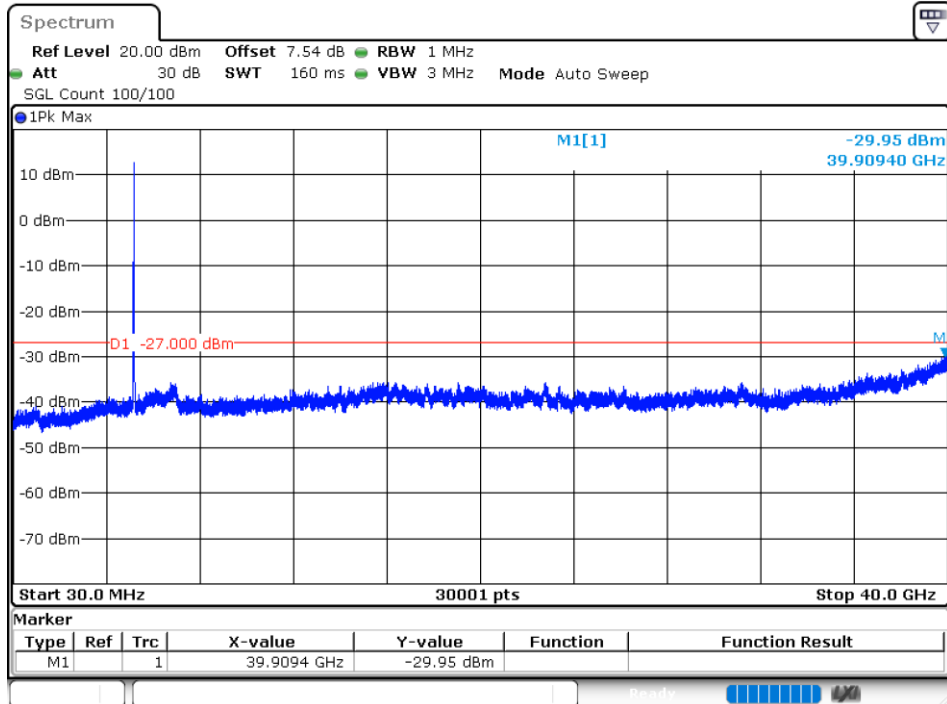
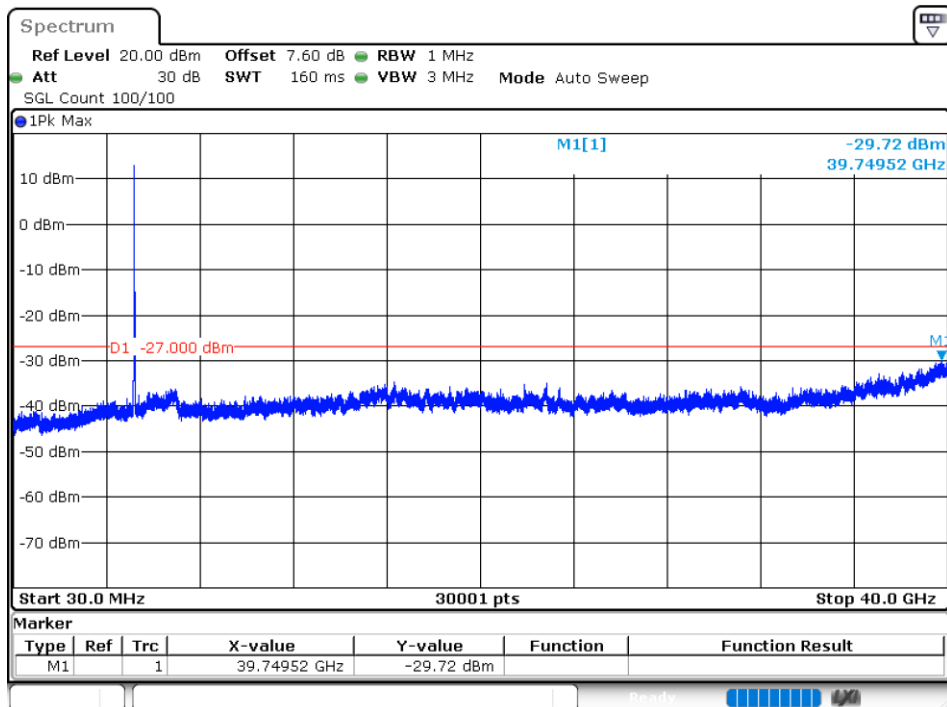


Test Graphs

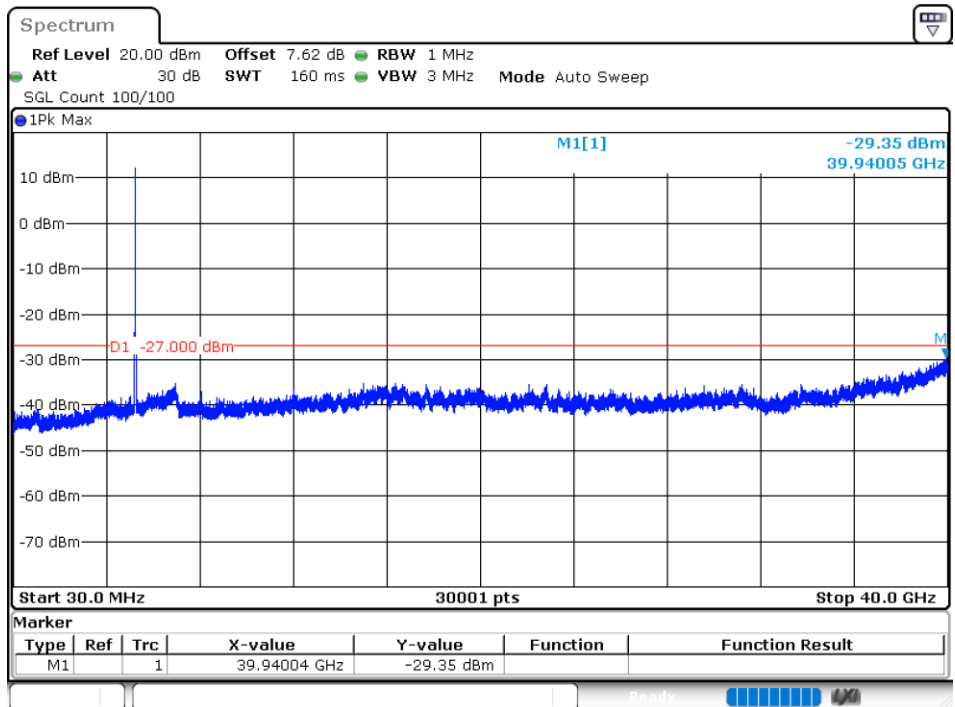
Tx. Spurious NVNT a 5180MHz Ant1 Emission



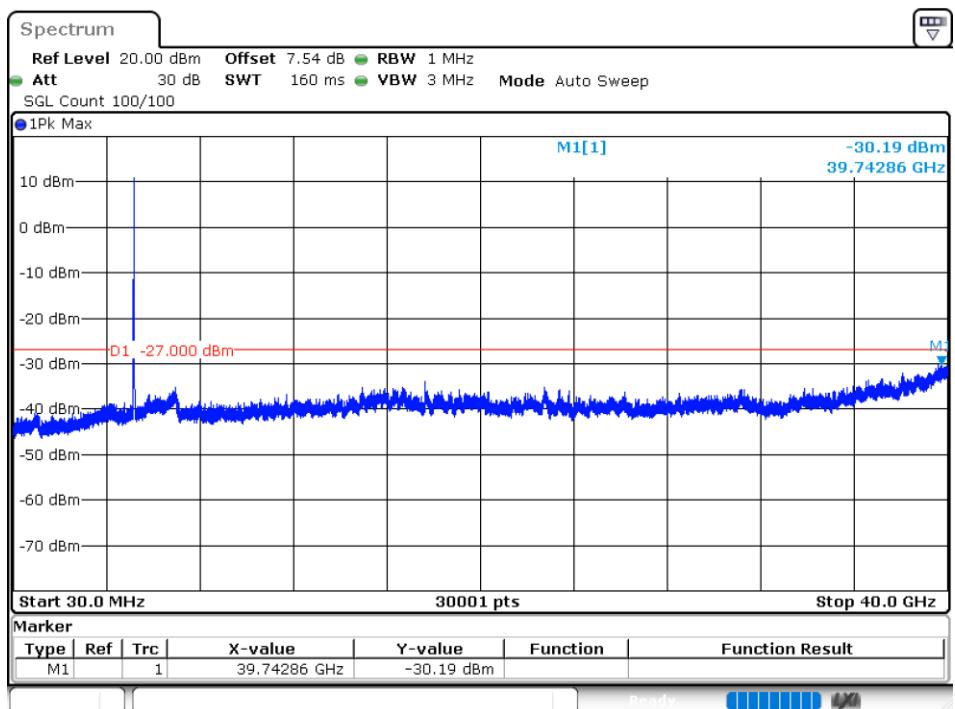
Tx. Spurious NVNT a 5200MHz Ant1 Emission

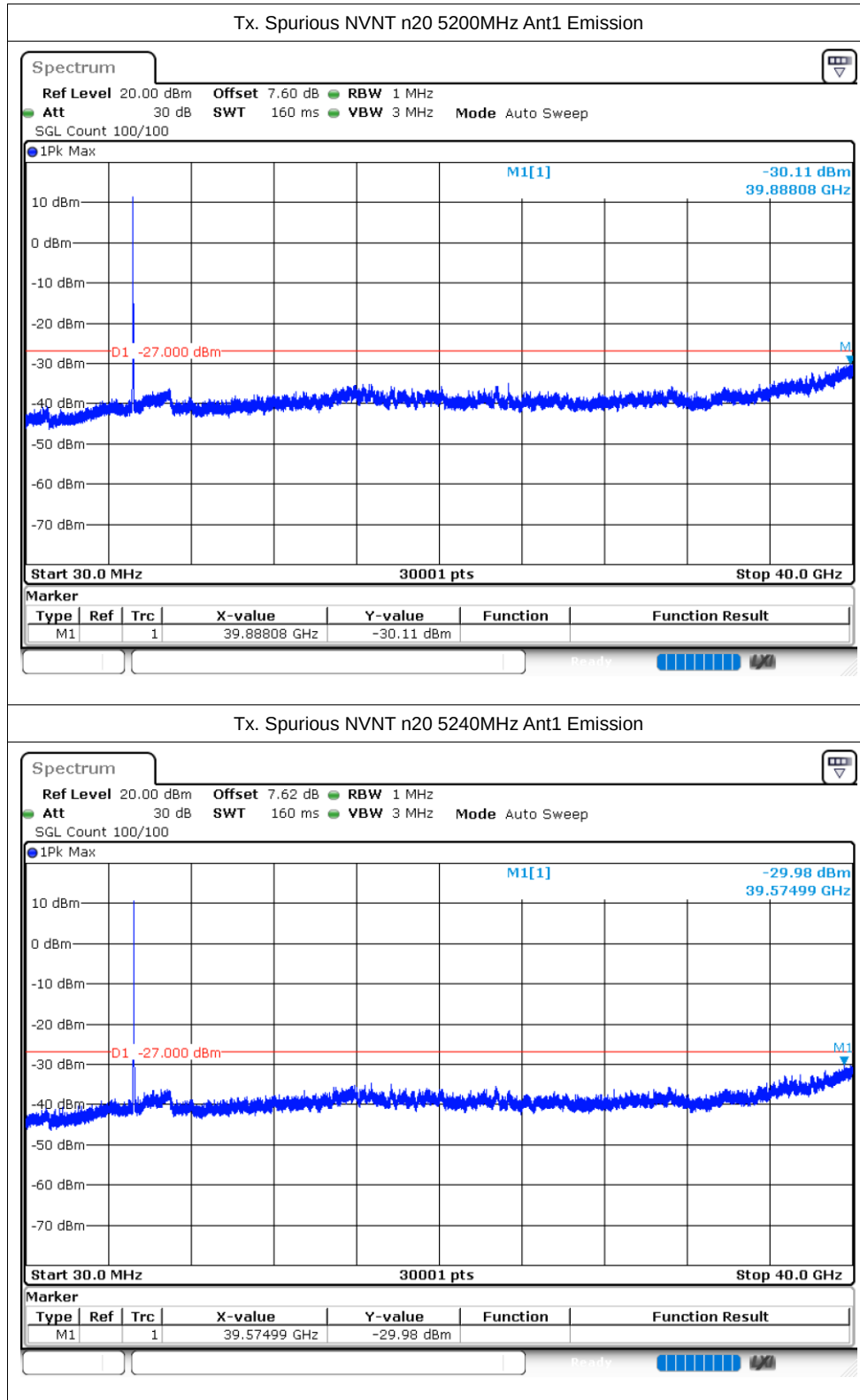


Tx. Spurious NVNT a 5240MHz Ant1 Emission

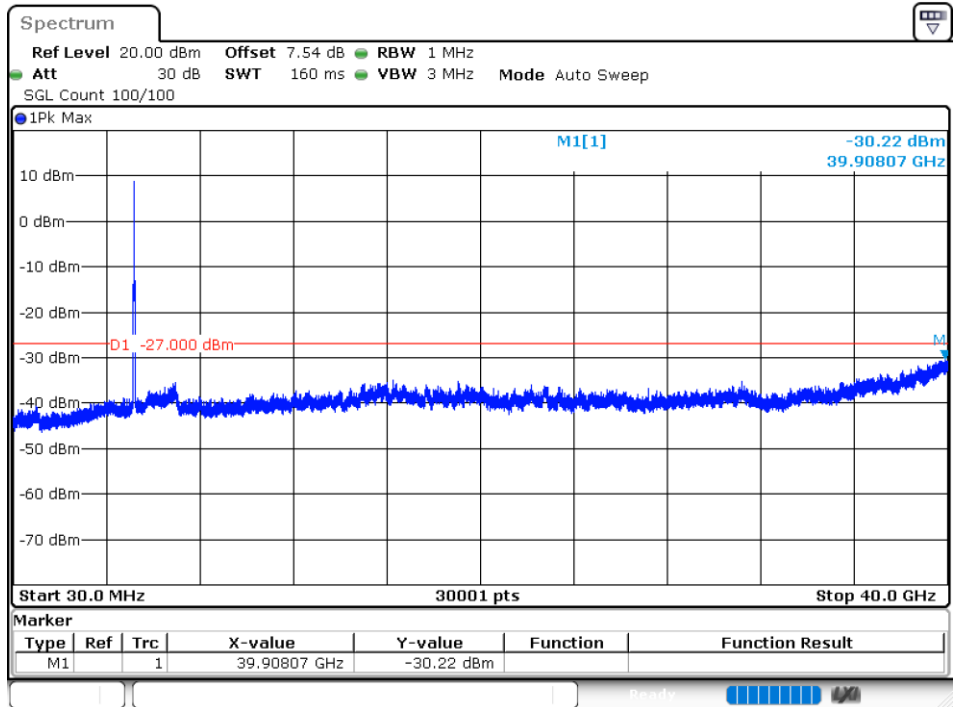


Tx. Spurious NVNT n20 5180MHz Ant1 Emission

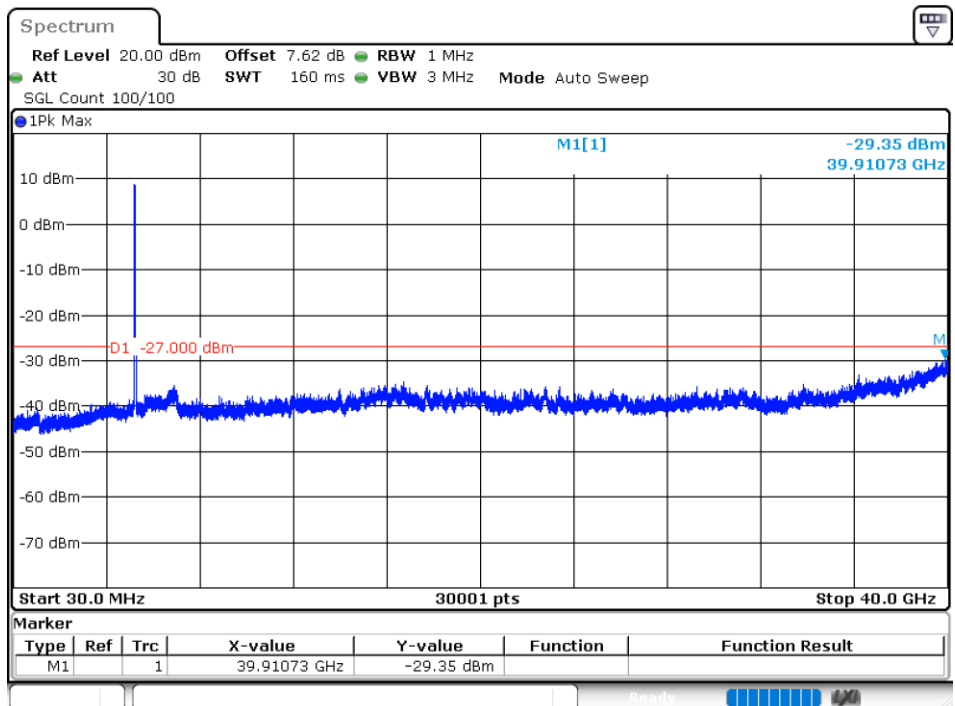




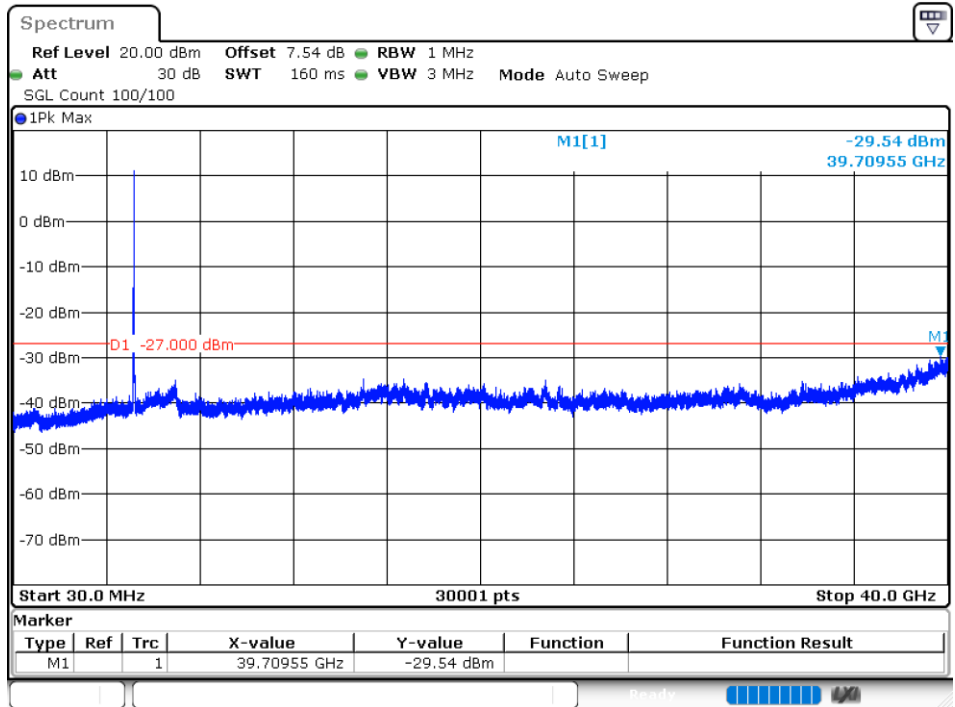
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



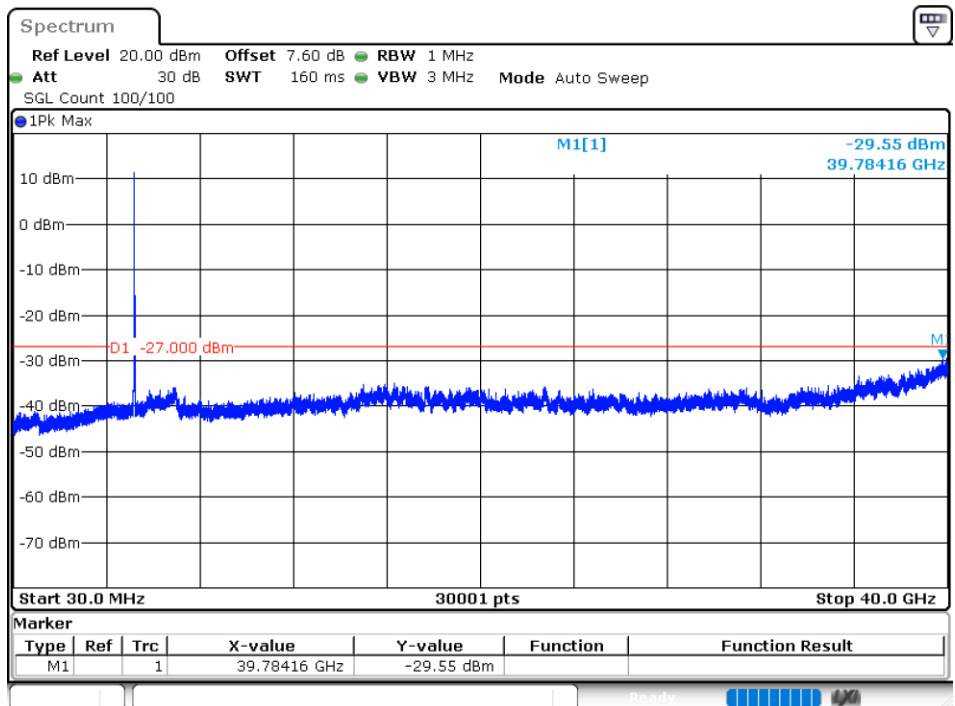
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



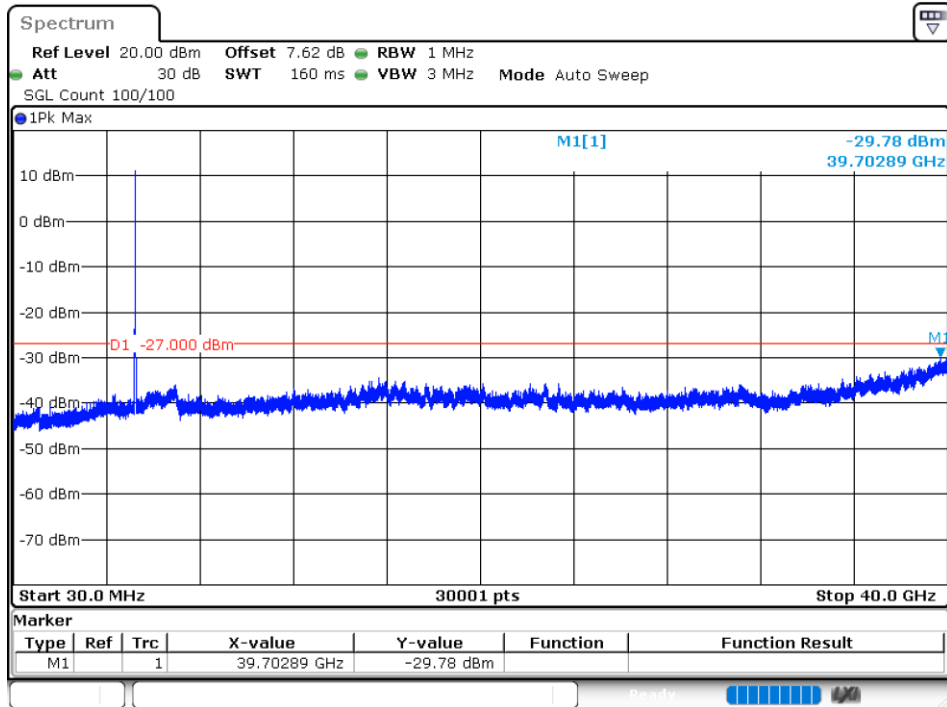
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



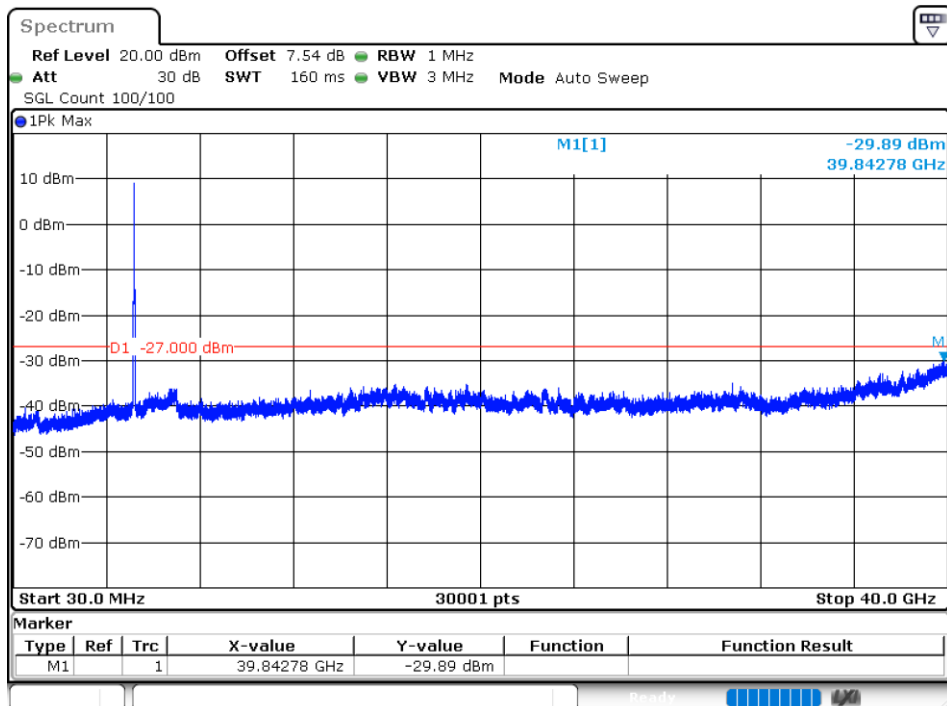
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission

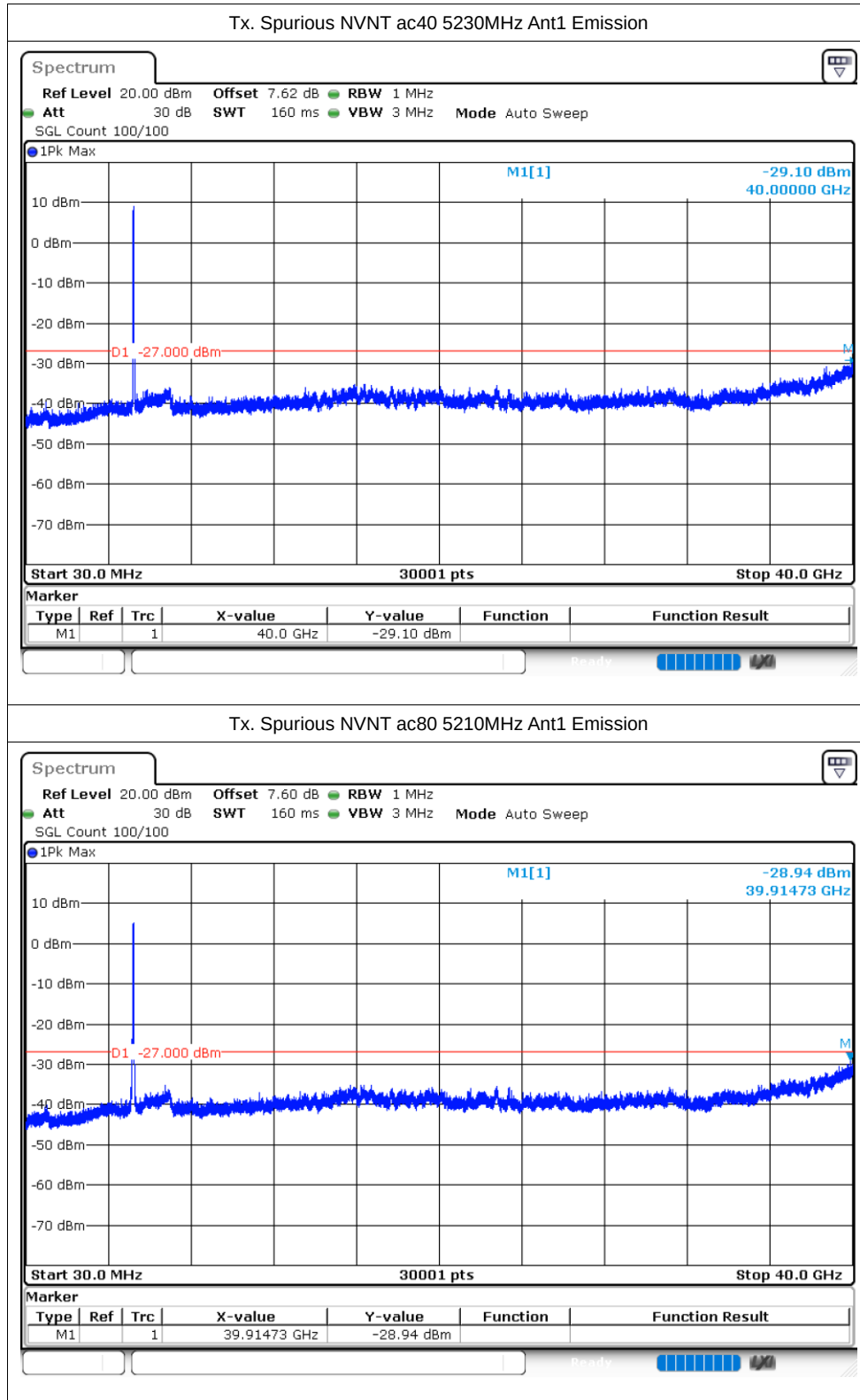


Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



Tx. Spurious NVNT ac40 5190MHz Ant1 Emission





5.3G WIFI

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	88.38	0.54	0.72
NVNT	a	5280	Ant1	88.57	0.53	0.72
NVNT	a	5320	Ant1	87.93	0.56	0.72
NVNT	n20	5260	Ant1	87.07	0.6	0.85
NVNT	n20	5280	Ant1	87.31	0.59	0.85
NVNT	n20	5320	Ant1	87.05	0.6	0.85
NVNT	n40	5270	Ant1	76.65	1.15	1.72
NVNT	n40	5310	Ant1	76.88	1.14	1.72
NVNT	ac20	5260	Ant1	87.07	0.6	0.85
NVNT	ac20	5280	Ant1	87.27	0.59	0.85
NVNT	ac20	5320	Ant1	87.22	0.59	0.85
NVNT	ac40	5270	Ant1	76.83	1.14	1.69
NVNT	ac40	5310	Ant1	76.91	1.14	1.69
NVNT	ac80	5290	Ant1	63.87	1.95	3.33

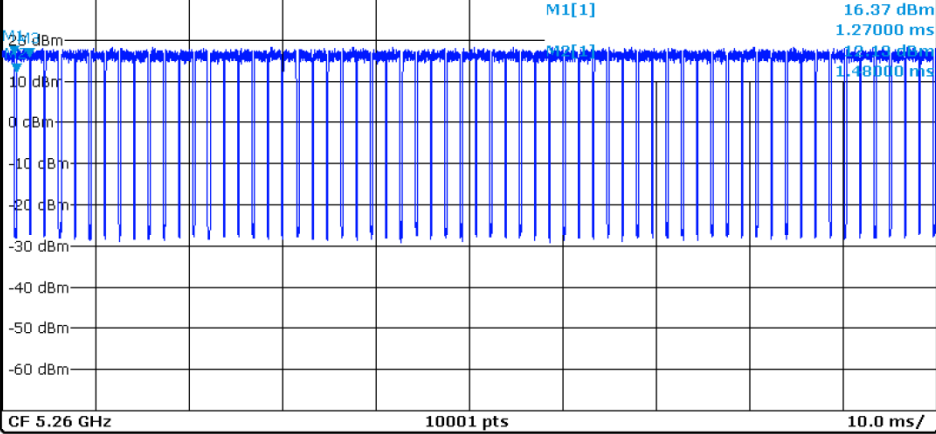
Test Graphs

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

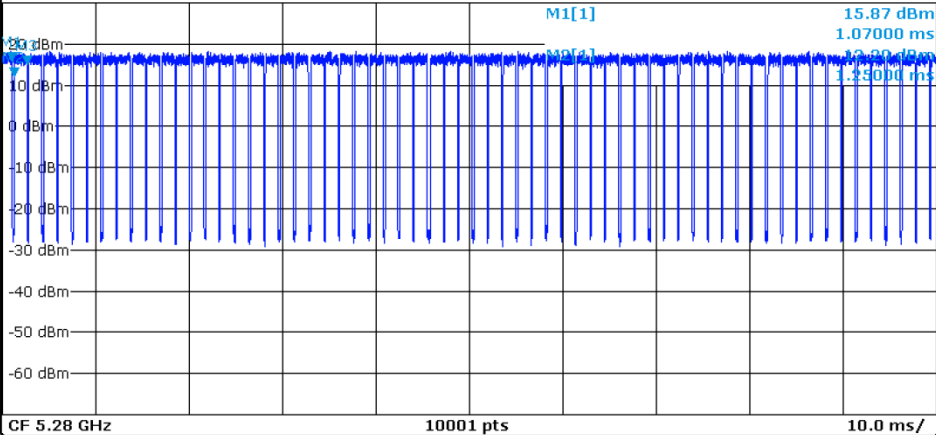
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.27 ms	16.37 dBm		
M2		1	1.48 ms	12.13 dBm		
M3		1	2.87 ms	15.90 dBm		

Duty Cycle NVNT a 5280MHz Ant1

Spectrum

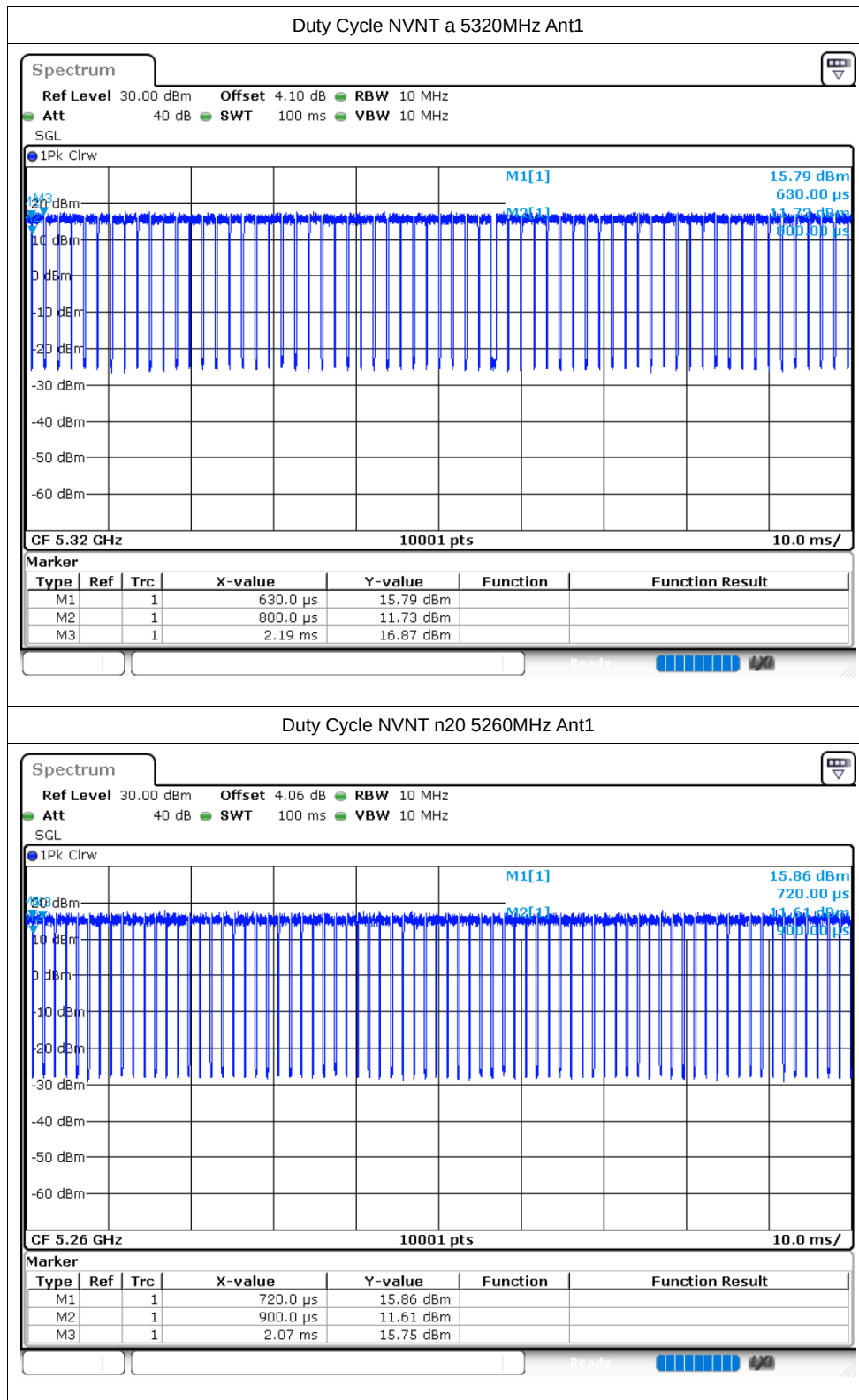
Ref Level 30.00 dBm Offset 4.08 dB RBW 10 MHz
Att 40 dB SWT 100 ms VBW 10 MHz
SGL

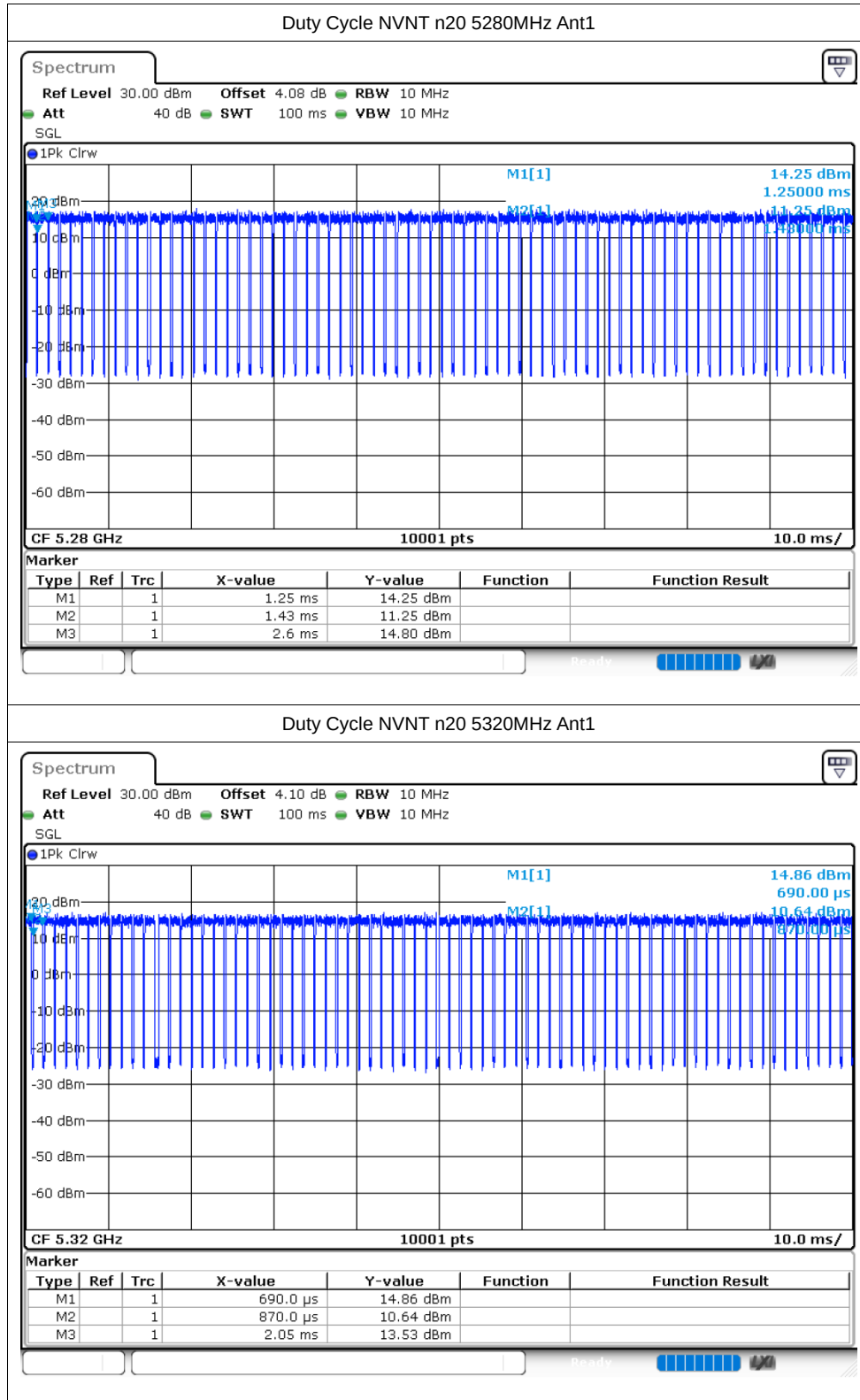
1Pk Clrw

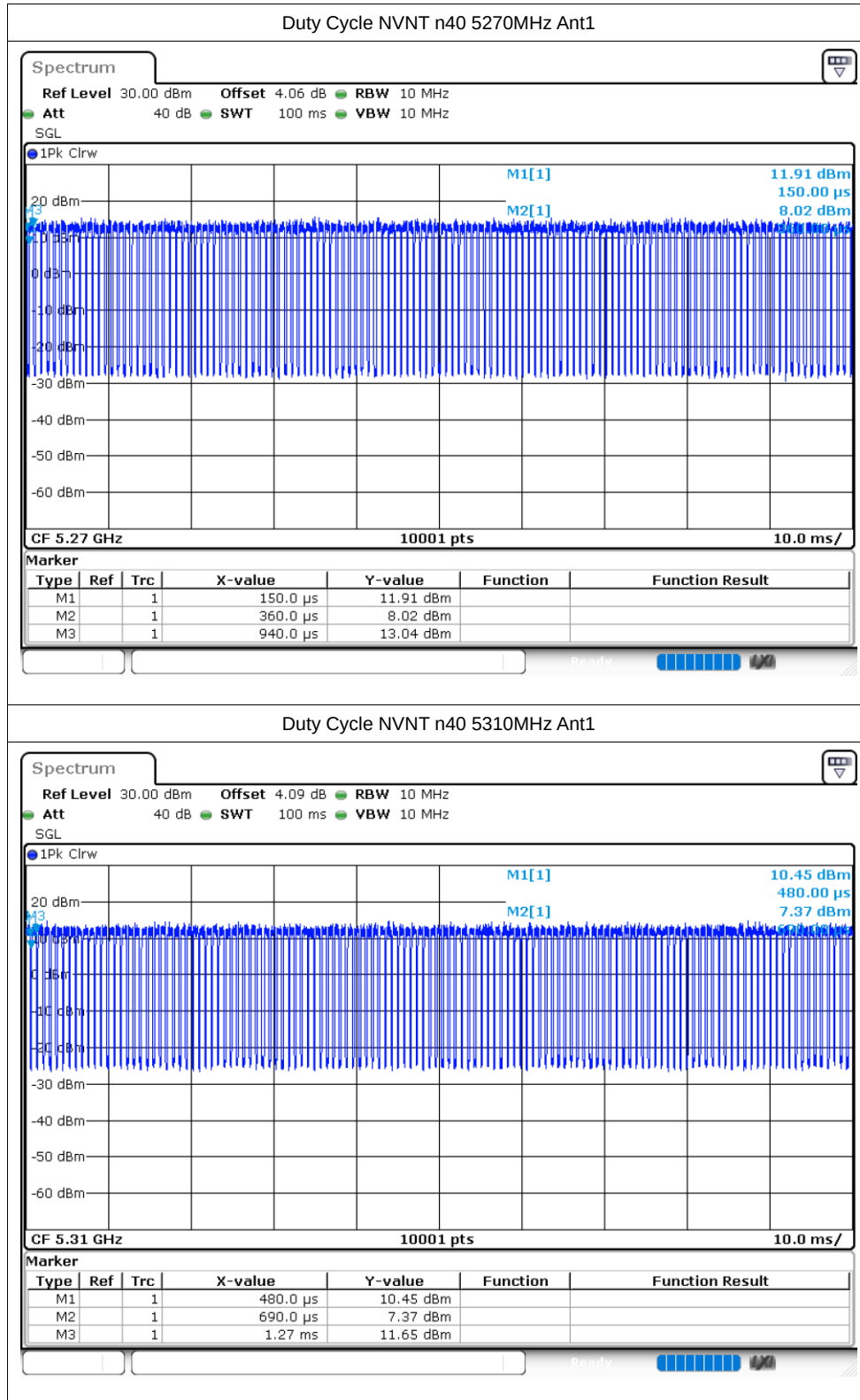


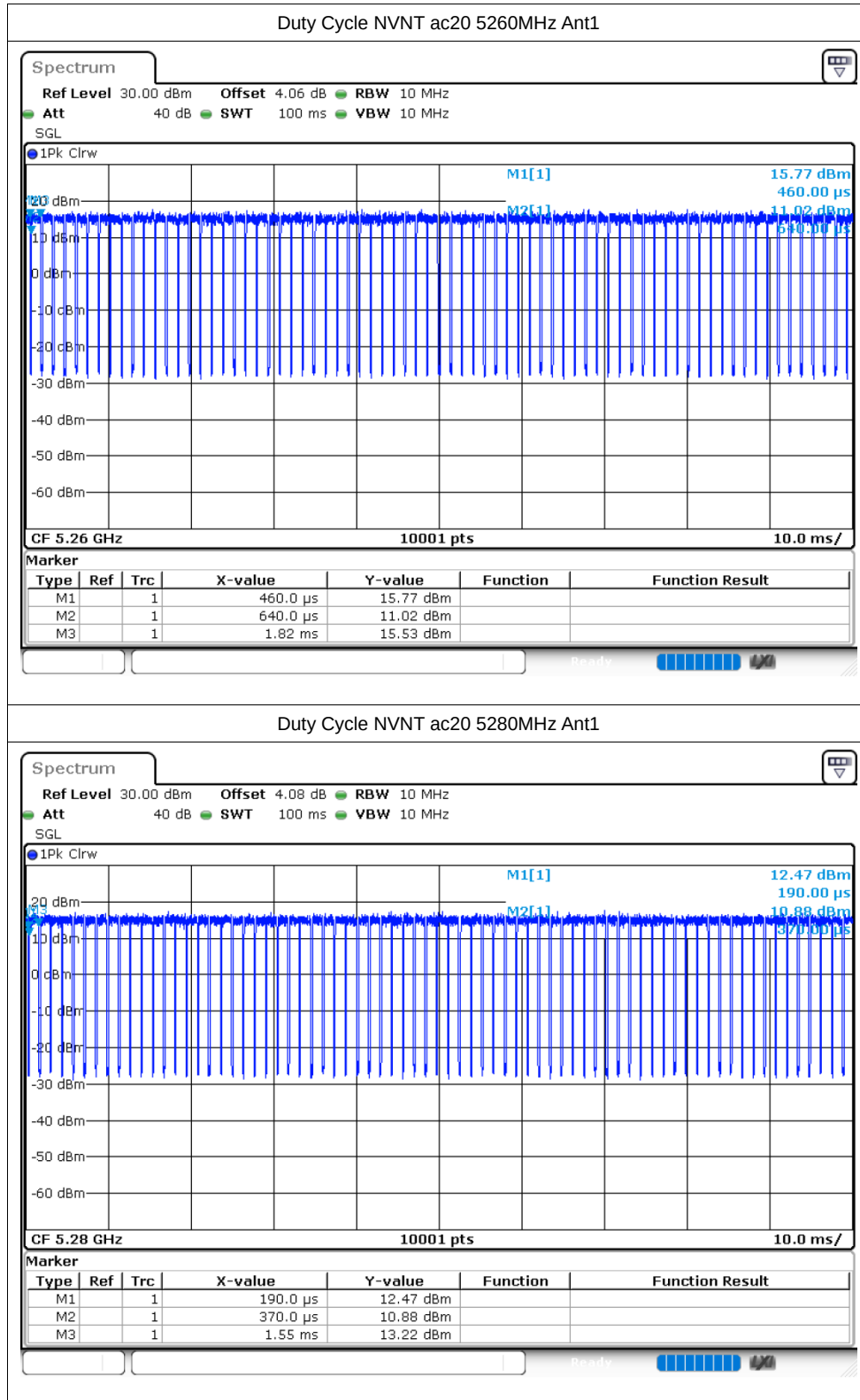
Marker

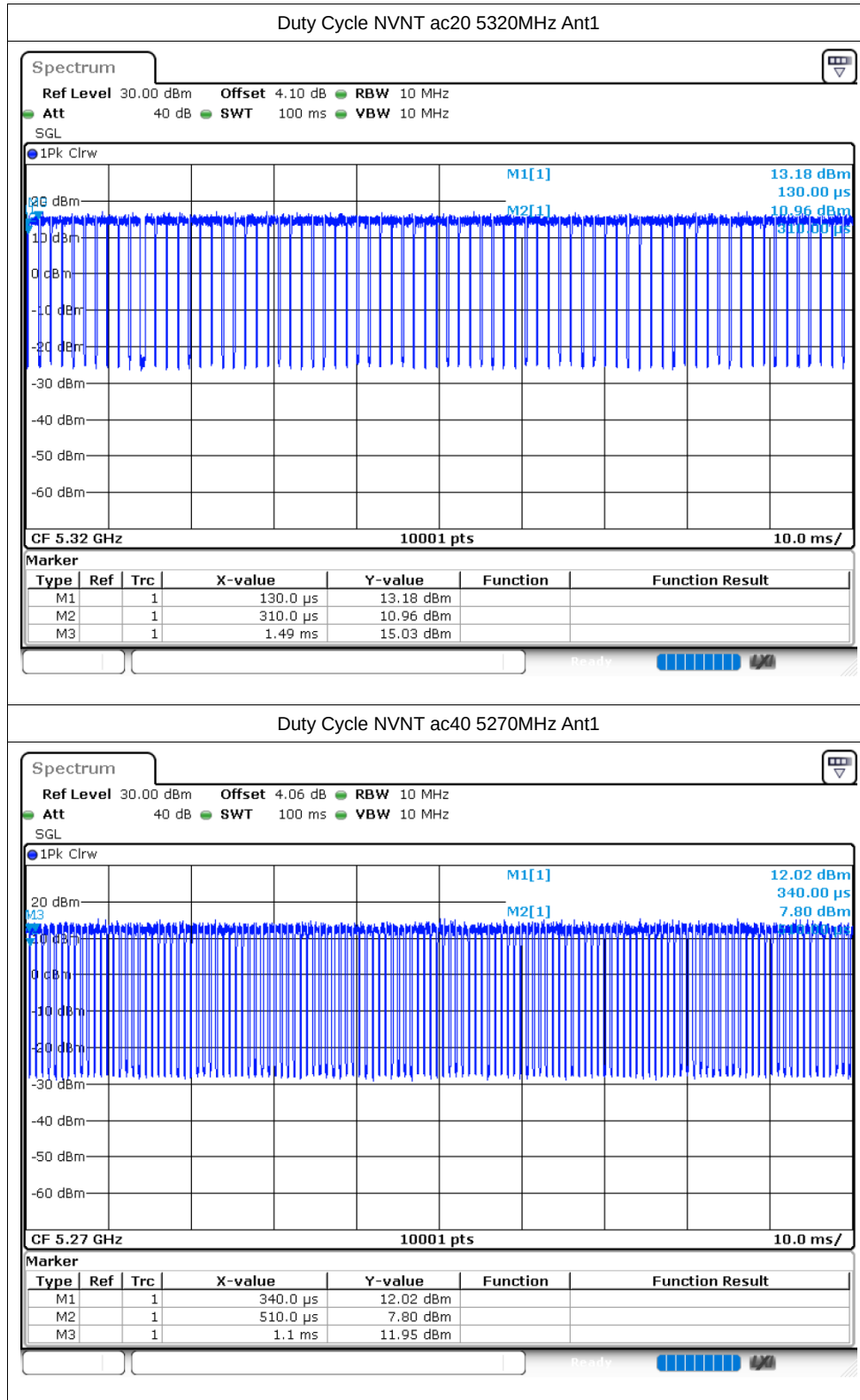
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.07 ms	15.87 dBm		
M2		1	1.25 ms	12.20 dBm		
M3		1	2.64 ms	15.12 dBm		

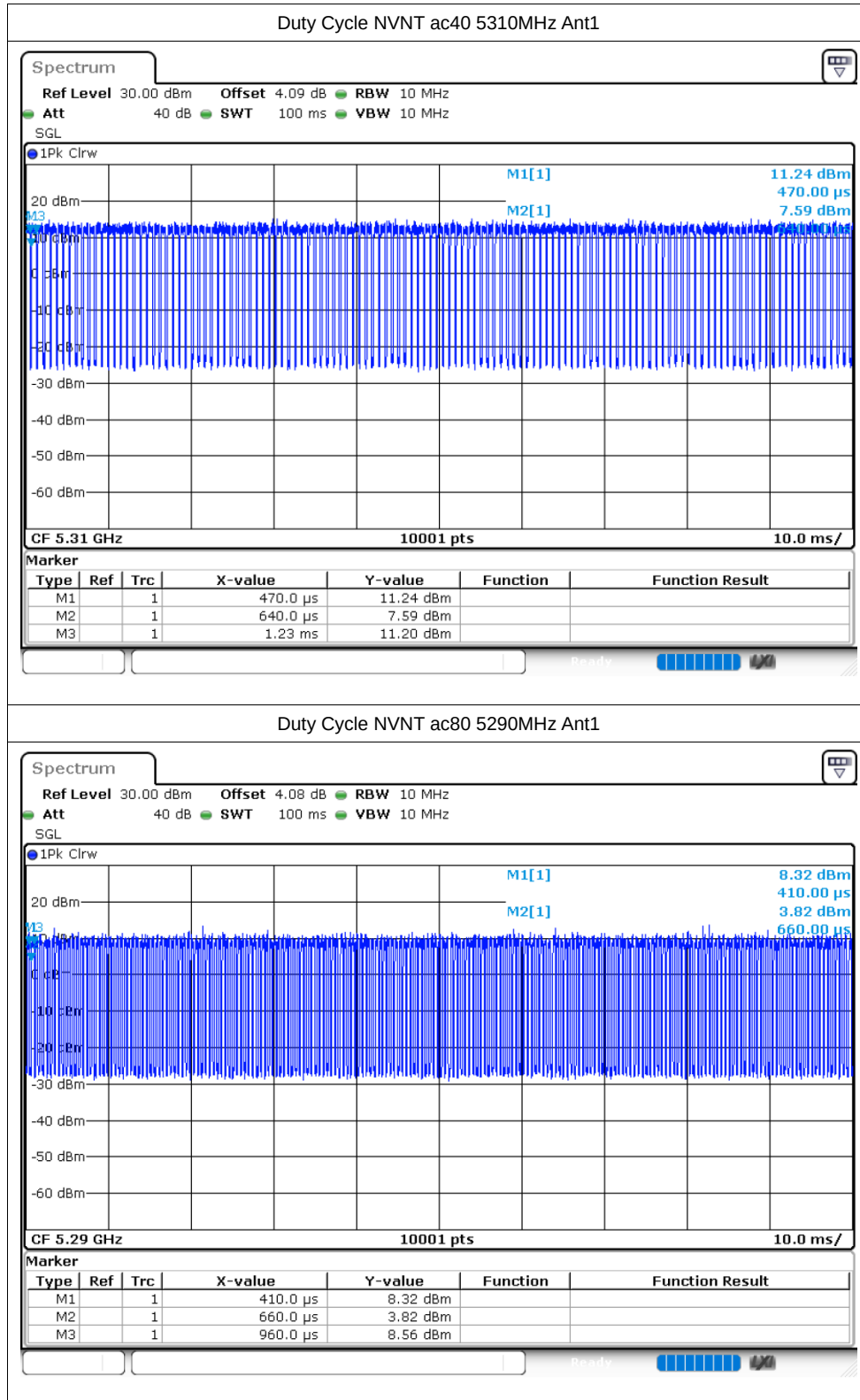












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	12.78	24	Pass
NVNT	a	5280	Ant1	12.56	24	Pass
NVNT	a	5320	Ant1	12.17	24	Pass
NVNT	n20	5260	Ant1	11.81	24	Pass
NVNT	n20	5280	Ant1	11.46	24	Pass
NVNT	n20	5320	Ant1	11.25	24	Pass
NVNT	n40	5270	Ant1	11.95	24	Pass
NVNT	n40	5310	Ant1	11.63	24	Pass
NVNT	ac20	5260	Ant1	11.53	24	Pass
NVNT	ac20	5280	Ant1	11.45	24	Pass
NVNT	ac20	5320	Ant1	11.27	24	Pass
NVNT	ac40	5270	Ant1	11.92	24	Pass
NVNT	ac40	5310	Ant1	11.66	24	Pass
NVNT	ac80	5290	Ant1	11.22	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	20.214	Pass
NVNT	a	5280	Ant1	19.563	Pass
NVNT	a	5320	Ant1	19.911	Pass
NVNT	n20	5260	Ant1	24.432	Pass
NVNT	n20	5280	Ant1	20.013	Pass
NVNT	n20	5320	Ant1	20.694	Pass
NVNT	n40	5270	Ant1	55.74	Pass
NVNT	n40	5310	Ant1	50.064	Pass
NVNT	ac20	5260	Ant1	19.848	Pass
NVNT	ac20	5280	Ant1	19.815	Pass
NVNT	ac20	5320	Ant1	25.344	Pass
NVNT	ac40	5270	Ant1	54.462	Pass
NVNT	ac40	5310	Ant1	54.42	Pass
NVNT	ac80	5290	Ant1	87.852	Pass

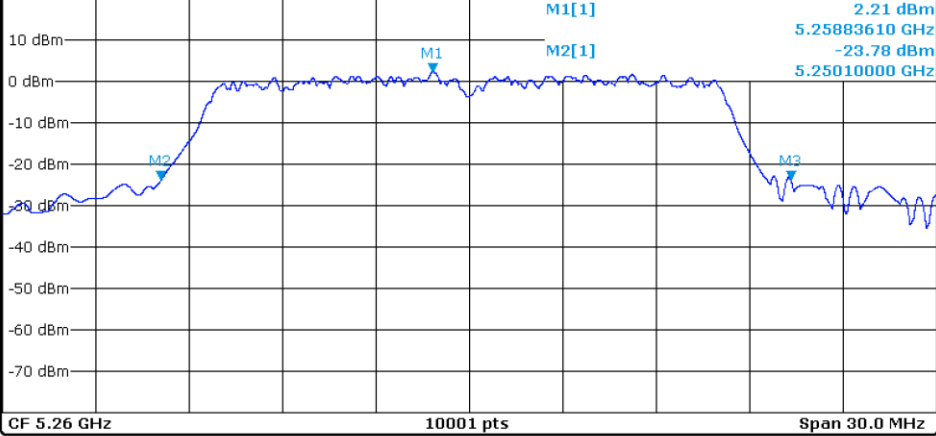
Test Graphs

-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

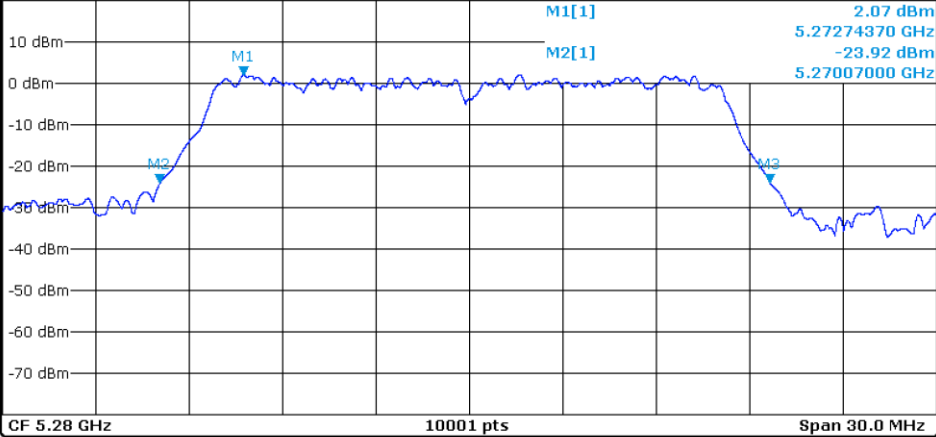
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.2588361 GHz	2.21 dBm		
M2	1		5.2501 GHz	-23.78 dBm		
M3	1		5.270314 GHz	-23.80 dBm		

-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

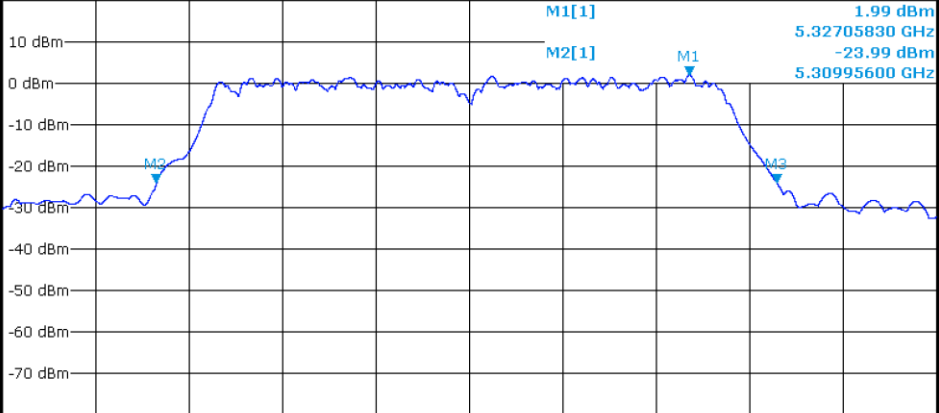
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.2727437 GHz	2.07 dBm		
M2	1		5.27007 GHz	-23.92 dBm		
M3	1		5.289633 GHz	-23.89 dBm		

-26dB Bandwidth NVNT a 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



Marker

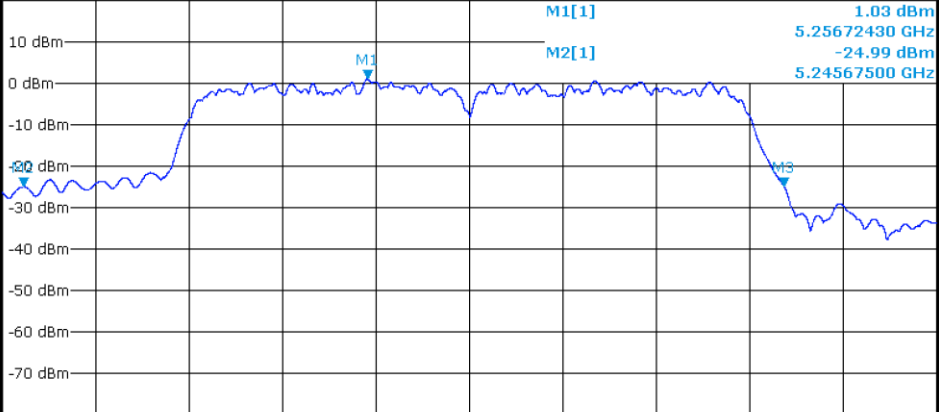
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.3270583 GHz	1.99 dBm		
M2		1	5.309956 GHz	-23.99 dBm		
M3		1	5.329867 GHz	-24.01 dBm		

-26dB Bandwidth NVNT n20 5260MHz Ant1

Spectrum

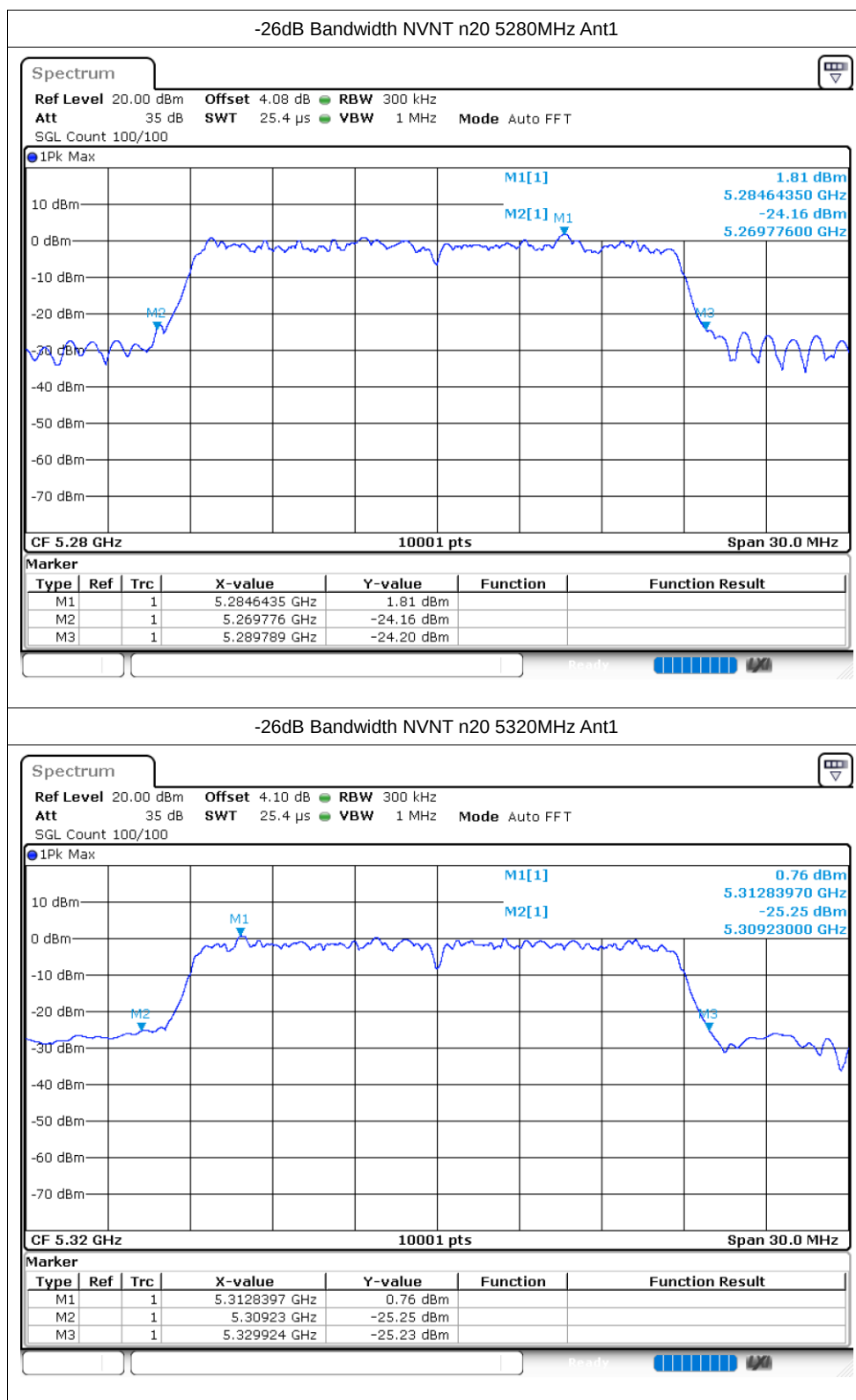
Ref Level 20.00 dBm Offset 4.06 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

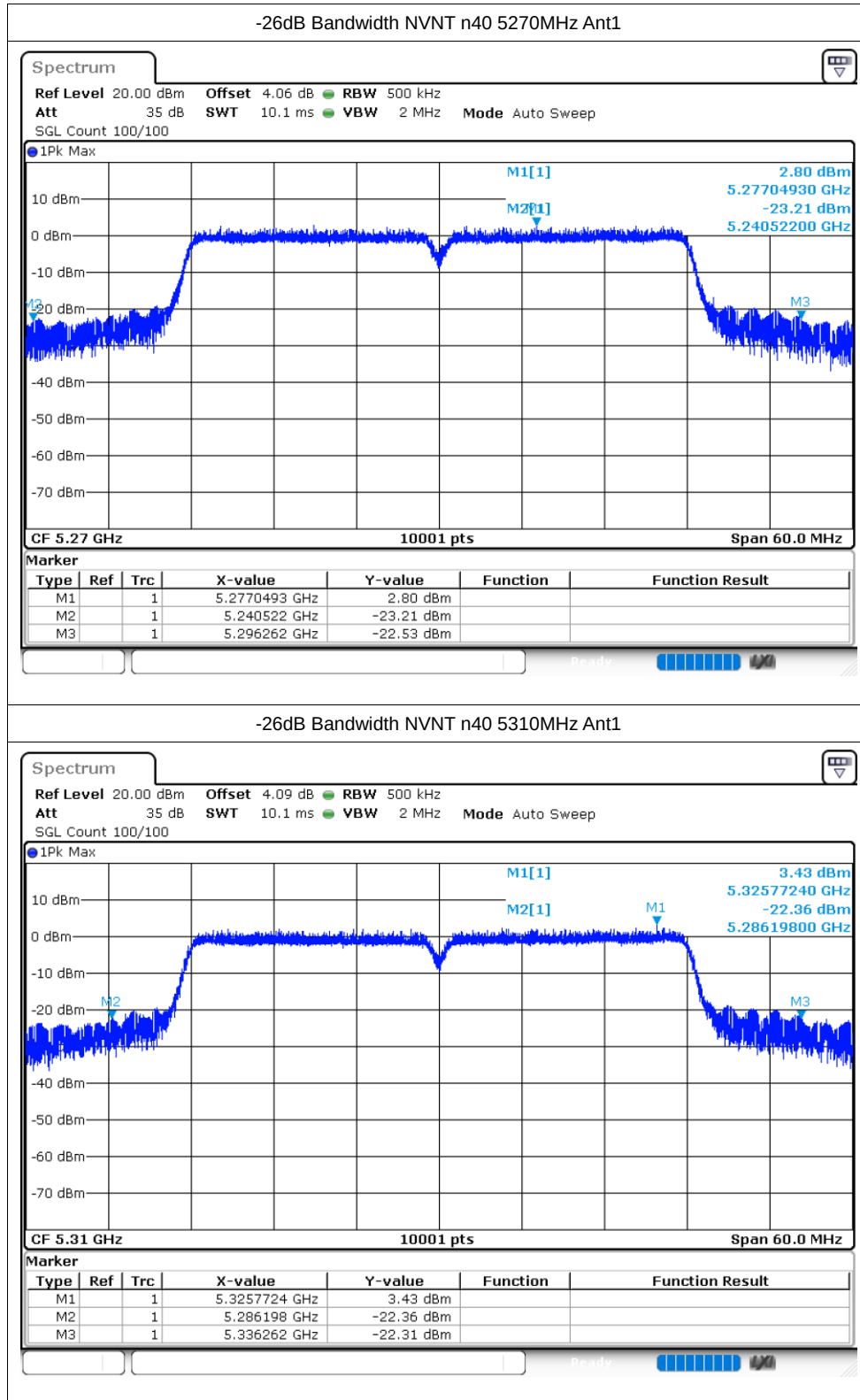
1Pk Max

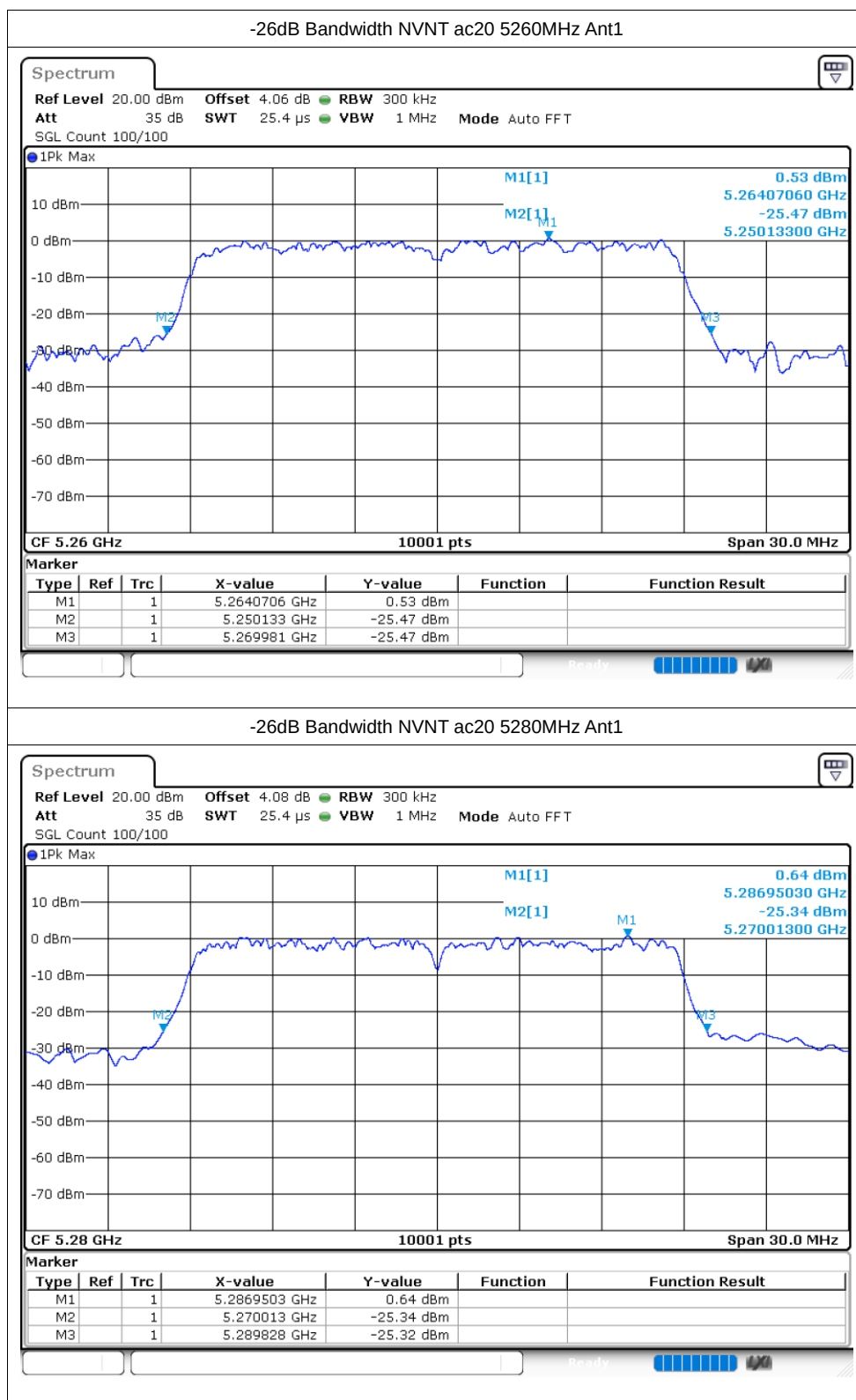


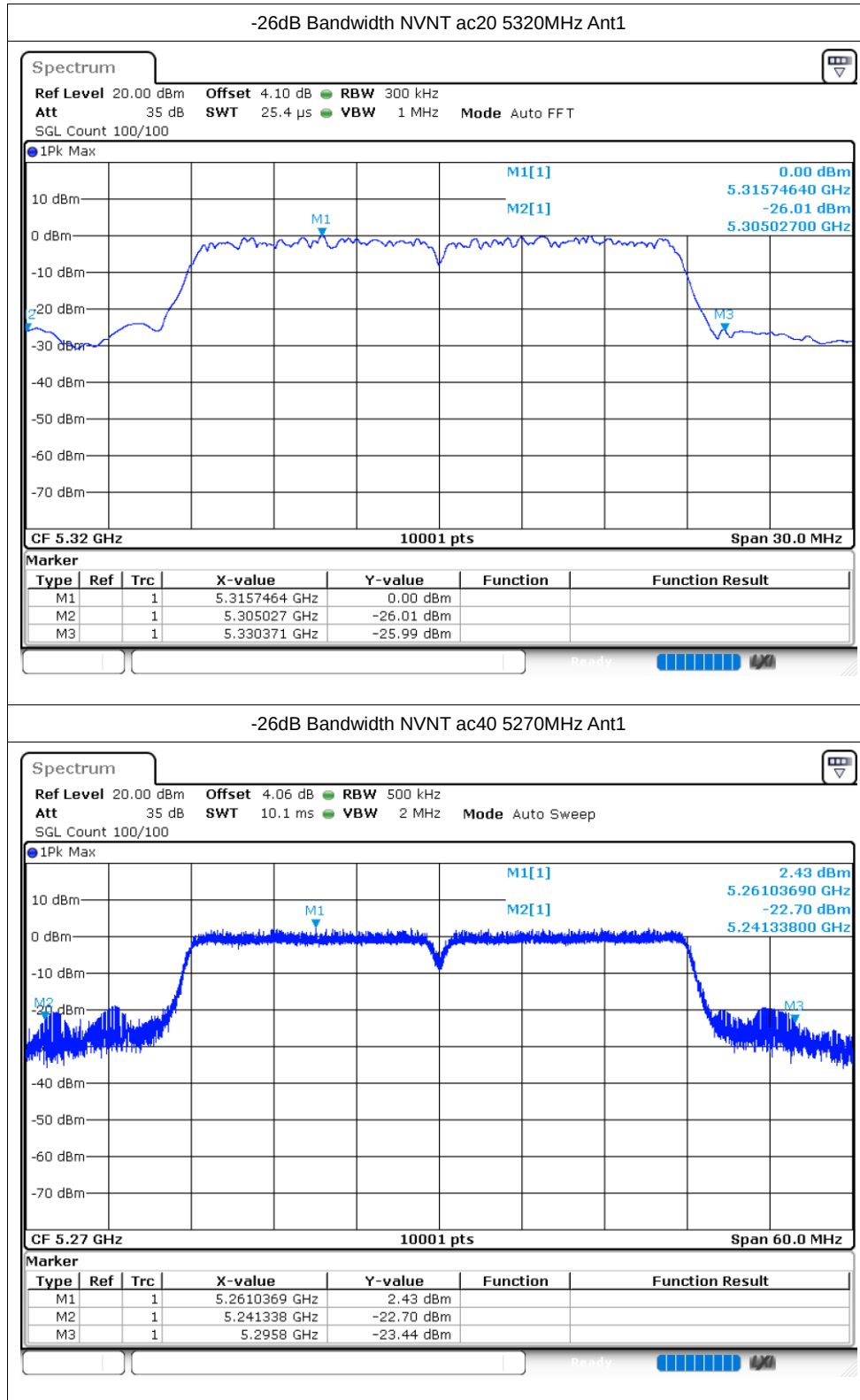
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2567243 GHz	1.03 dBm		
M2		1	5.245675 GHz	-24.99 dBm		
M3		1	5.270107 GHz	-24.98 dBm		

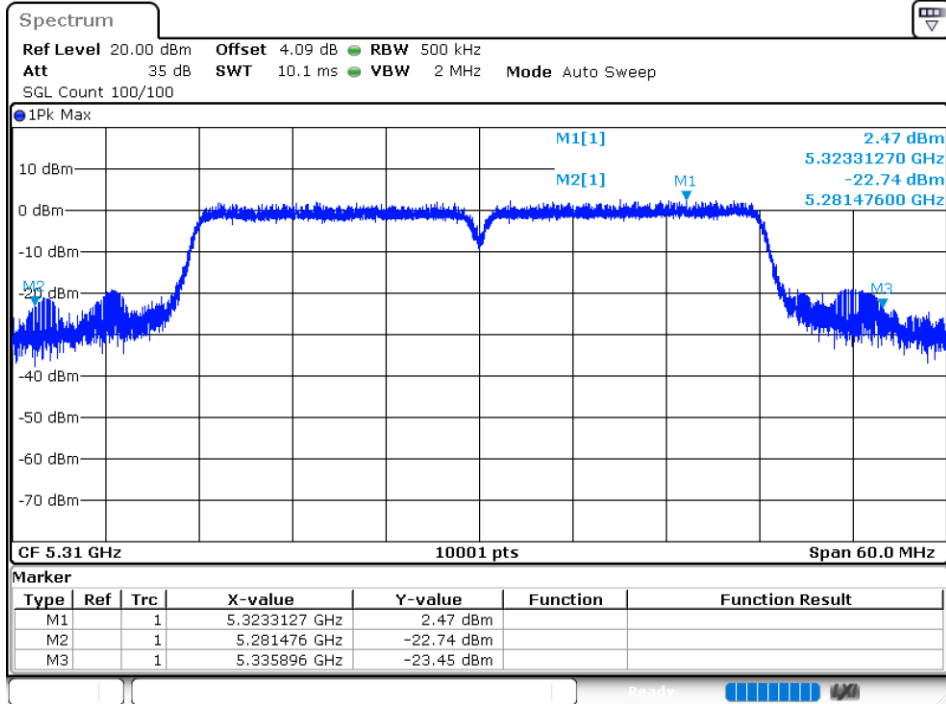




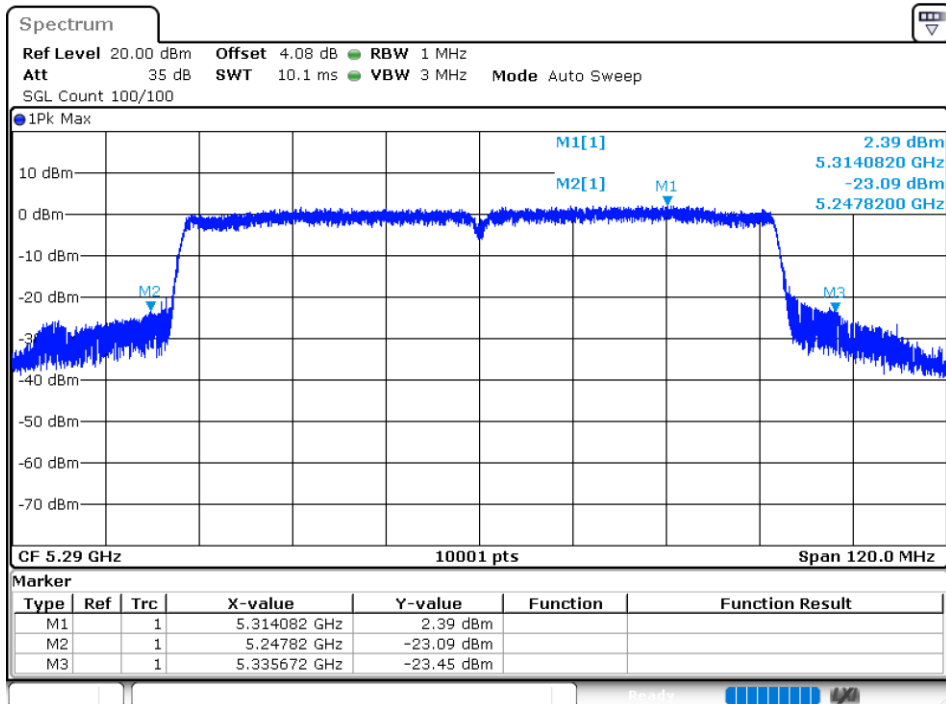




-26dB Bandwidth NVNT ac40 5310MHz Ant1



-26dB Bandwidth NVNT ac80 5290MHz Ant1

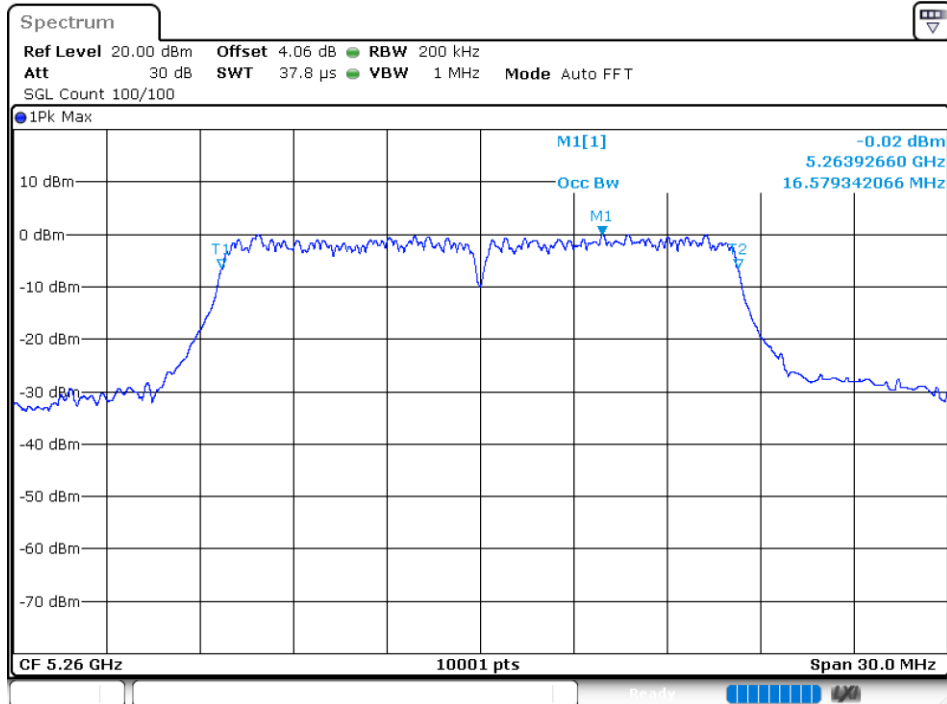


Occupied Channel Bandwidth

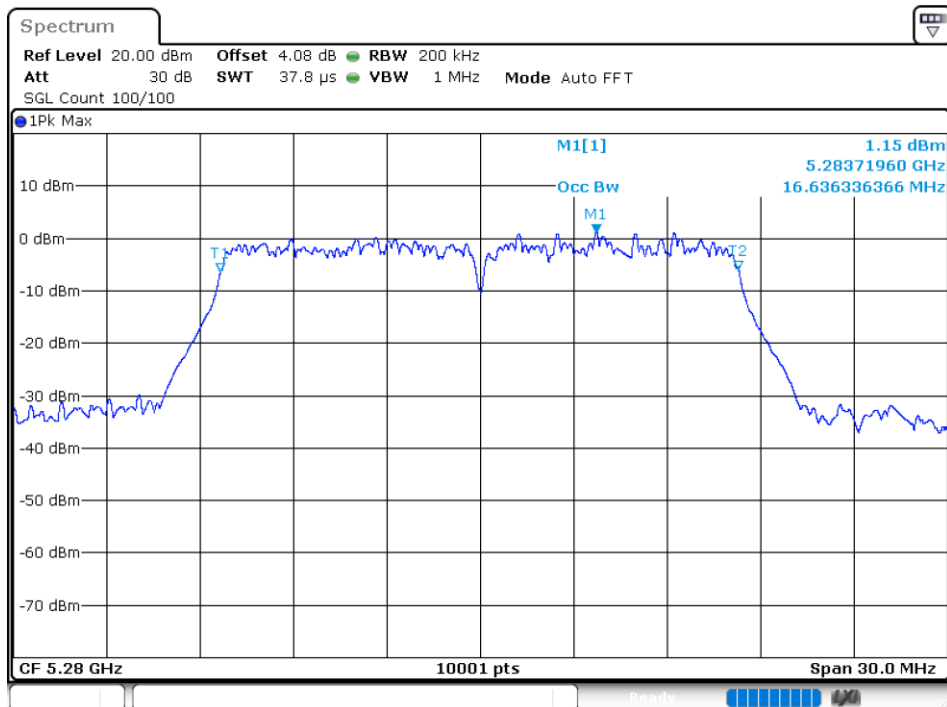
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.579
NVNT	a	5280	Ant1	16.636
NVNT	a	5320	Ant1	16.546
NVNT	n20	5260	Ant1	17.716
NVNT	n20	5280	Ant1	17.677
NVNT	n20	5320	Ant1	17.767
NVNT	n40	5270	Ant1	36.332
NVNT	n40	5310	Ant1	36.404
NVNT	ac20	5260	Ant1	17.572
NVNT	ac20	5280	Ant1	17.635
NVNT	ac20	5320	Ant1	17.605
NVNT	ac40	5270	Ant1	36.35
NVNT	ac40	5310	Ant1	36.368
NVNT	ac80	5290	Ant1	75.472

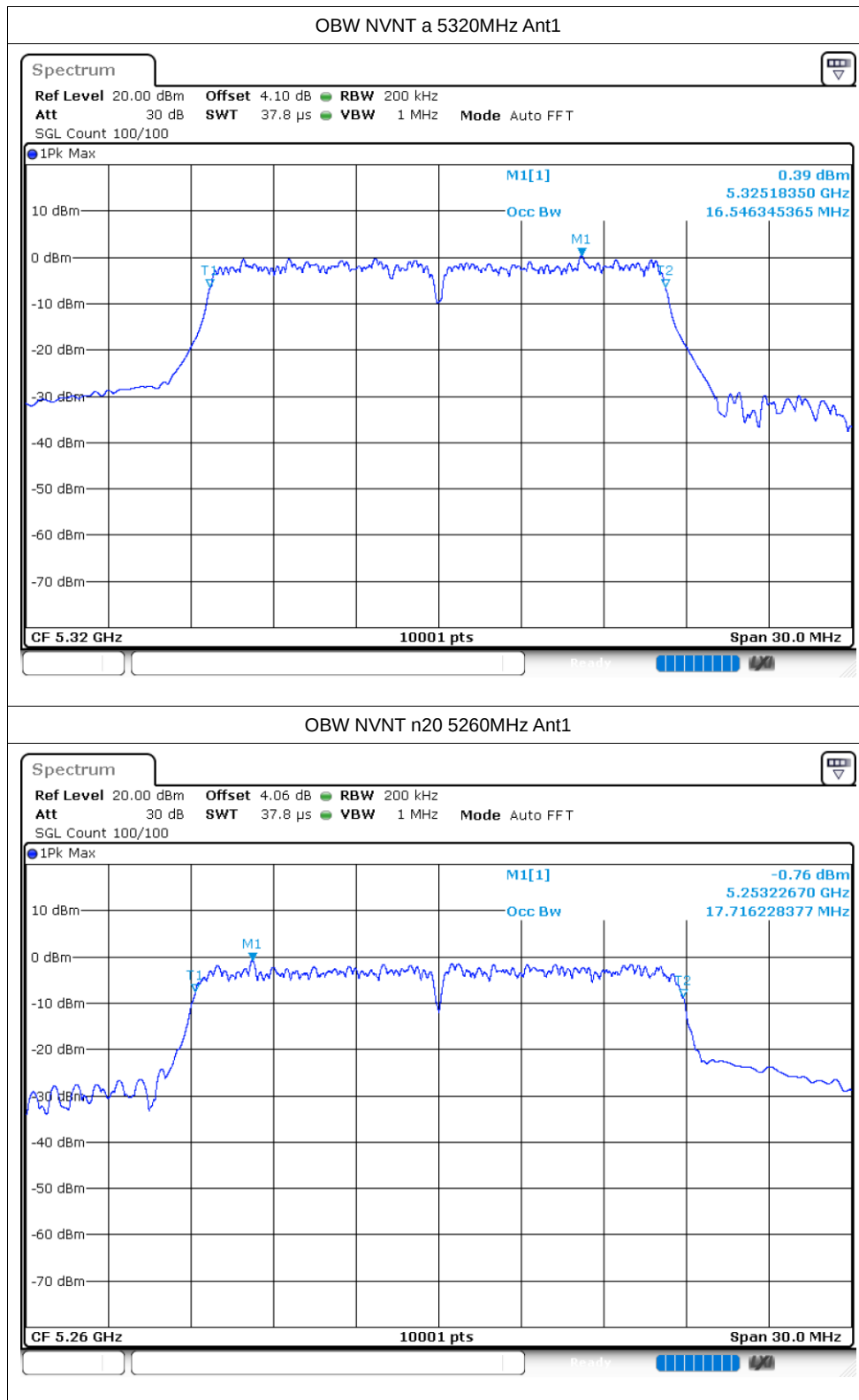
Test Graphs

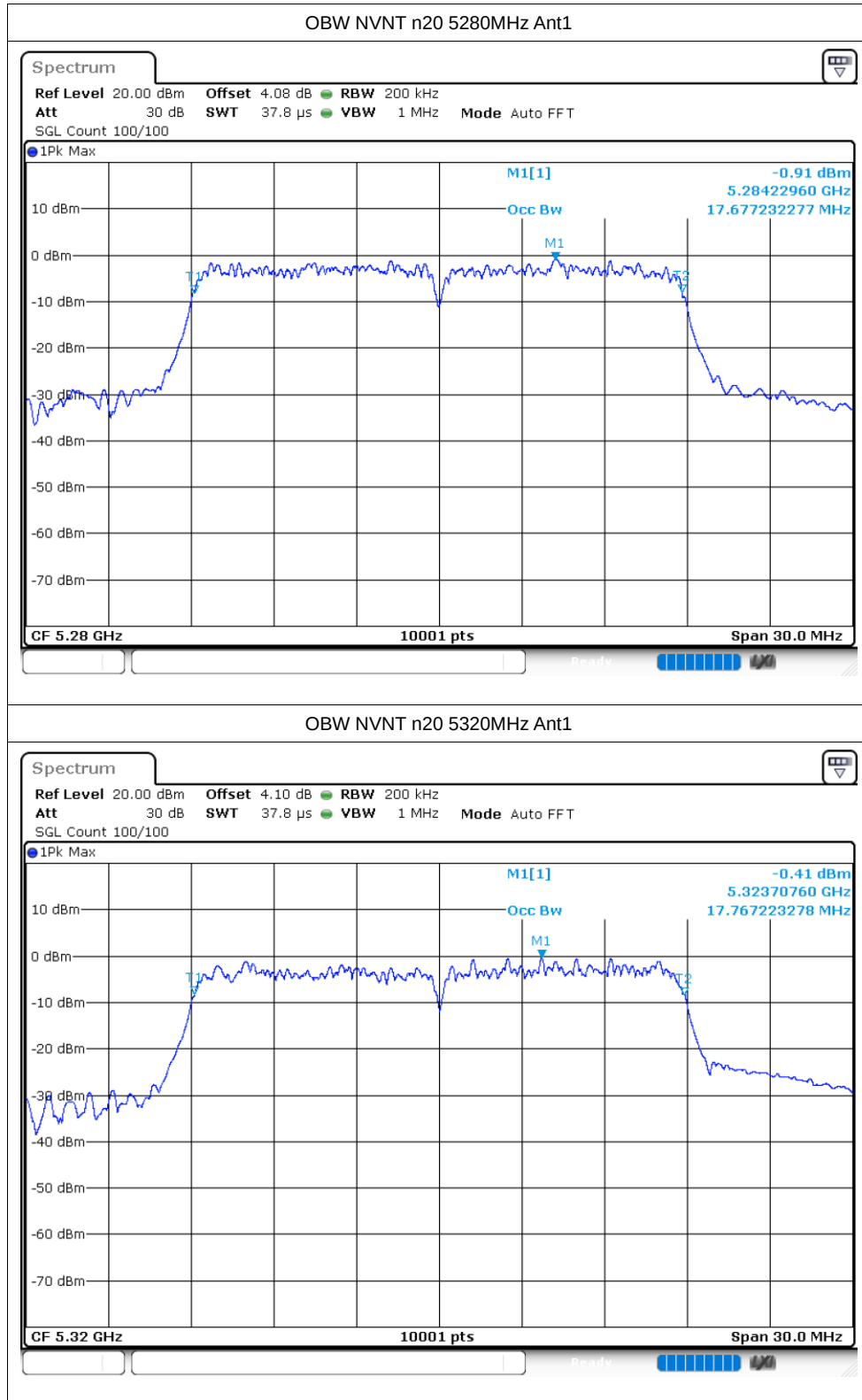
OBW NVNT a 5260MHz Ant1

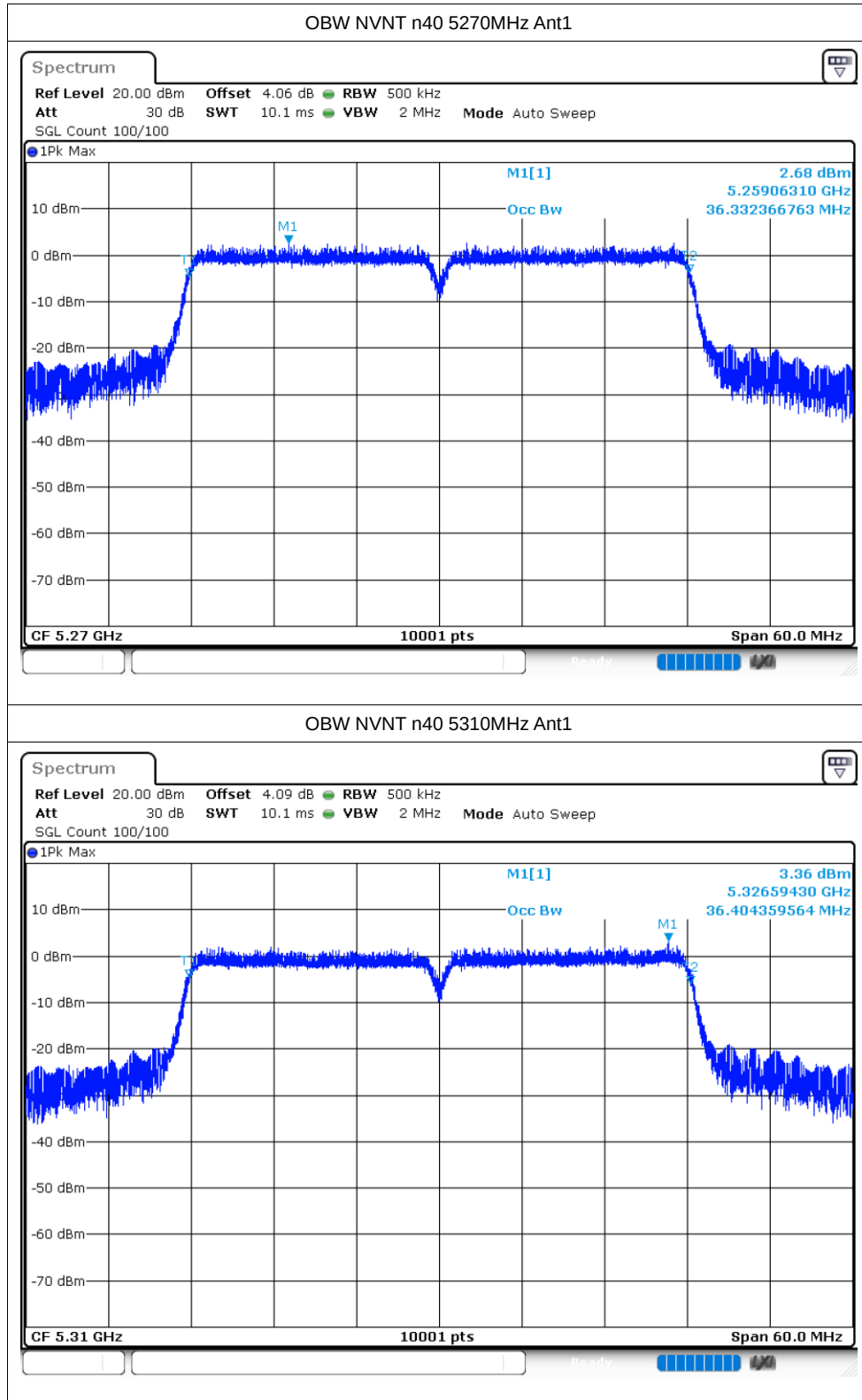


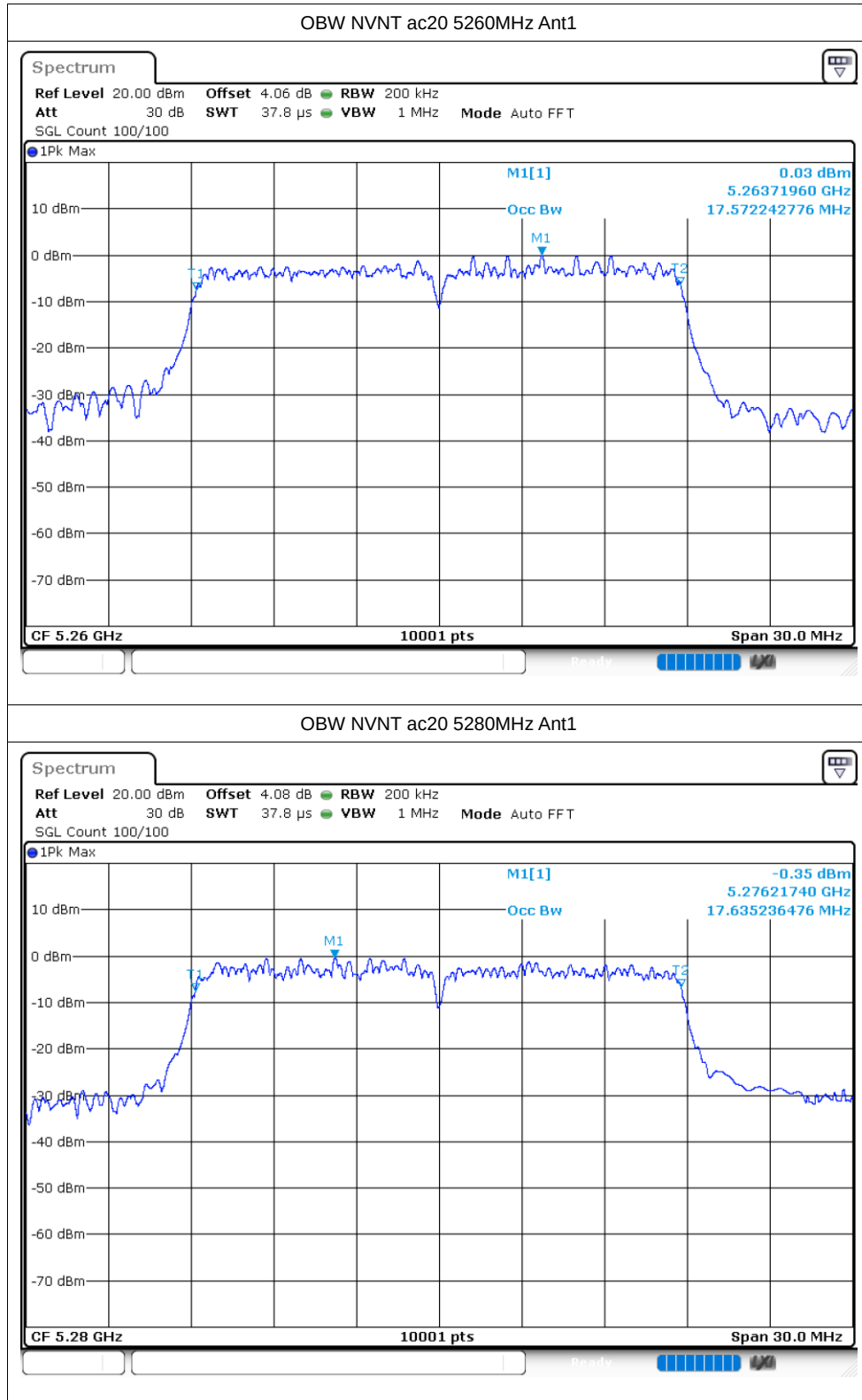
OBW NVNT a 5280MHz Ant1

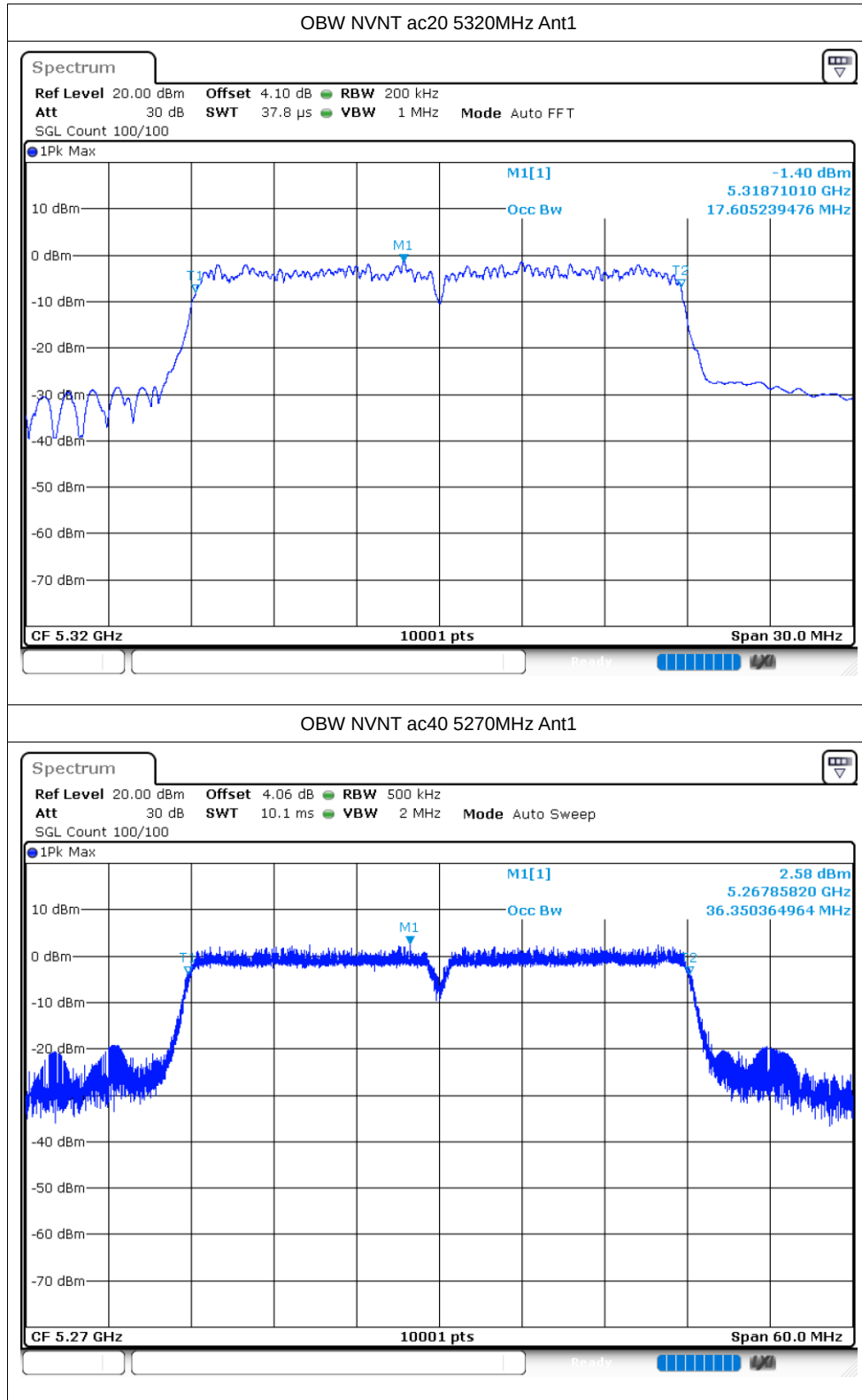


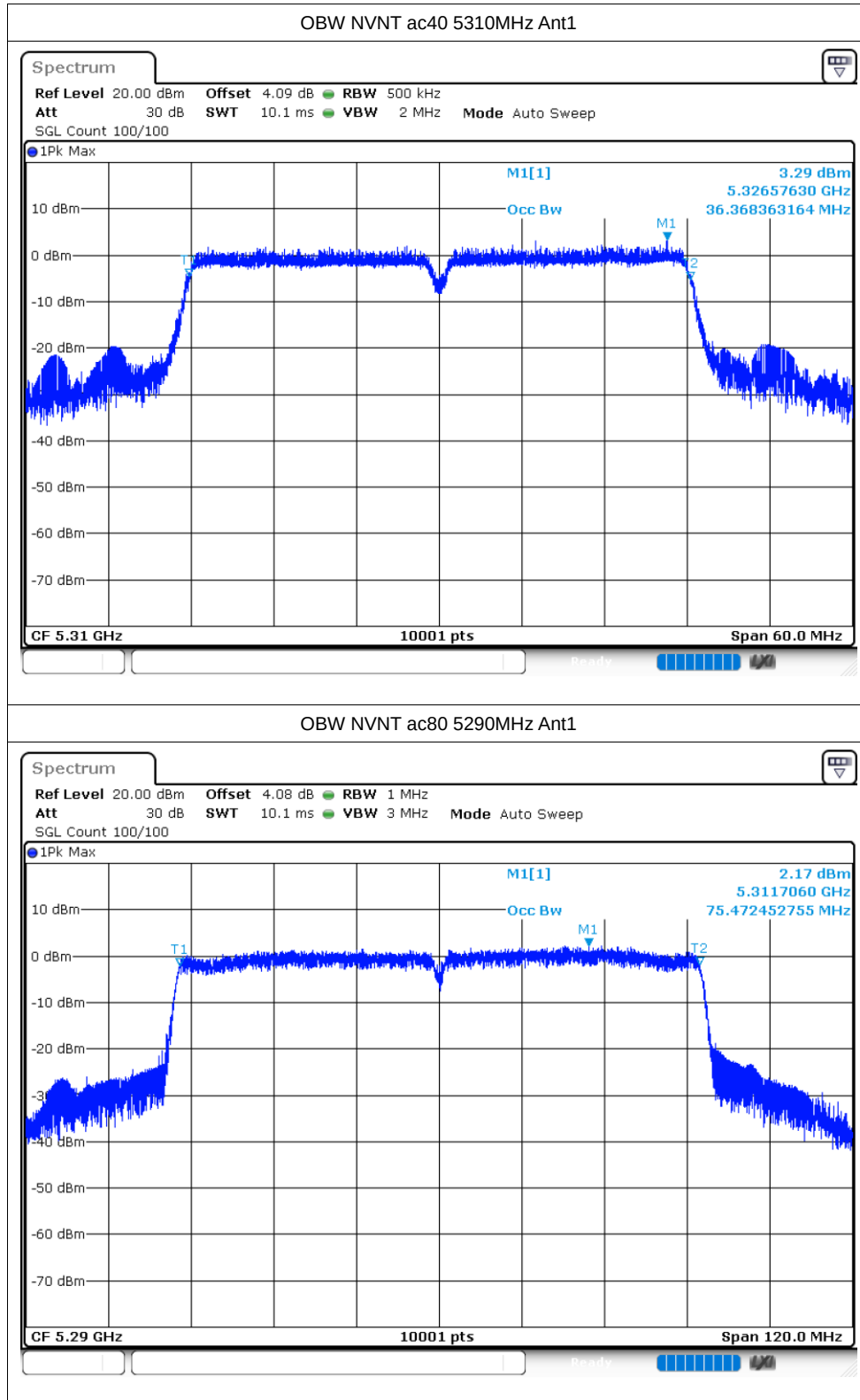










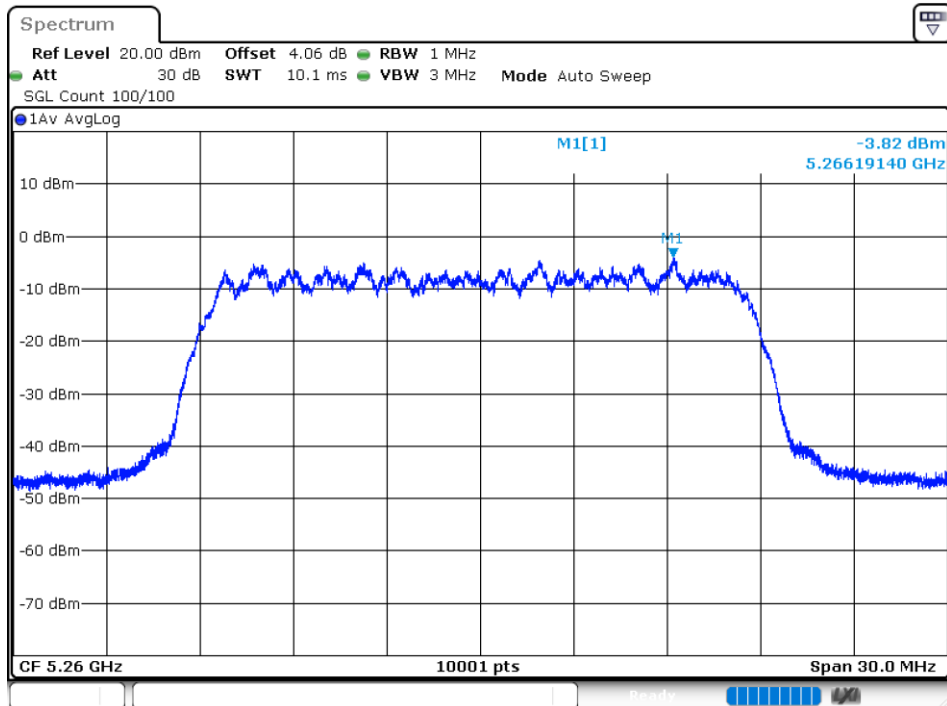


Maximum Power Spectral Density Level

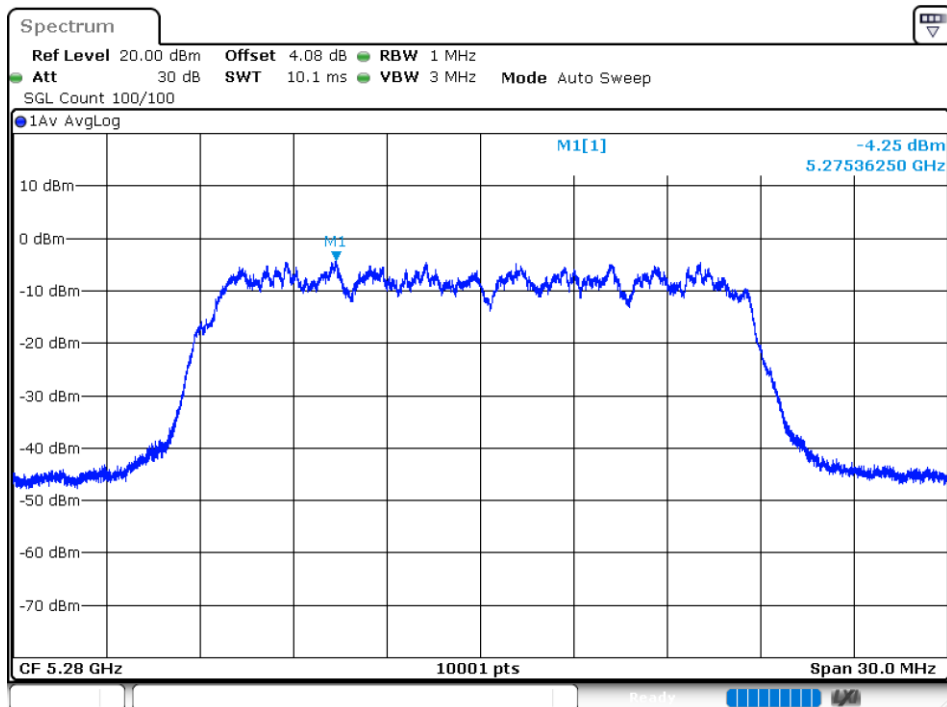
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-3.82	0.54	-3.28	11	Pass
NVNT	a	5280	Ant1	-4.25	0.53	-3.72	11	Pass
NVNT	a	5320	Ant1	-4.79	0.56	-4.23	11	Pass
NVNT	n20	5260	Ant1	-6.81	0.6	-6.21	11	Pass
NVNT	n20	5280	Ant1	-5.52	0.59	-4.93	11	Pass
NVNT	n20	5320	Ant1	-5.7	0.6	-5.1	11	Pass
NVNT	n40	5270	Ant1	-9.42	1.15	-8.27	11	Pass
NVNT	n40	5310	Ant1	-11.78	1.14	-10.64	11	Pass
NVNT	ac20	5260	Ant1	-6.95	0.6	-6.35	11	Pass
NVNT	ac20	5280	Ant1	-5.8	0.59	-5.21	11	Pass
NVNT	ac20	5320	Ant1	-4.72	0.59	-4.13	11	Pass
NVNT	ac40	5270	Ant1	-13.52	1.14	-12.38	11	Pass
NVNT	ac40	5310	Ant1	-15.91	1.14	-14.77	11	Pass
NVNT	ac80	5290	Ant1	-17.01	1.95	-15.06	11	Pass

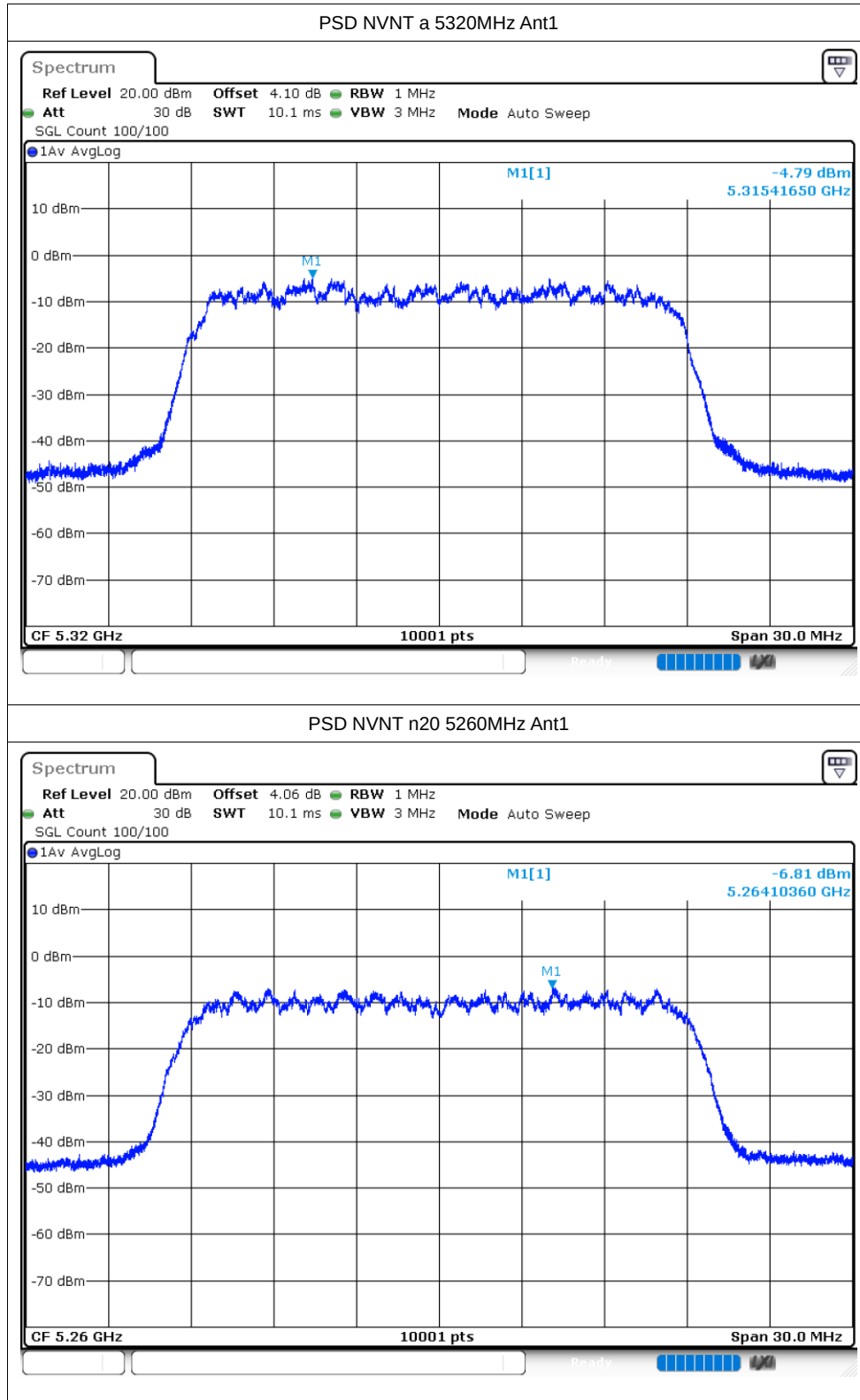
Test Graphs

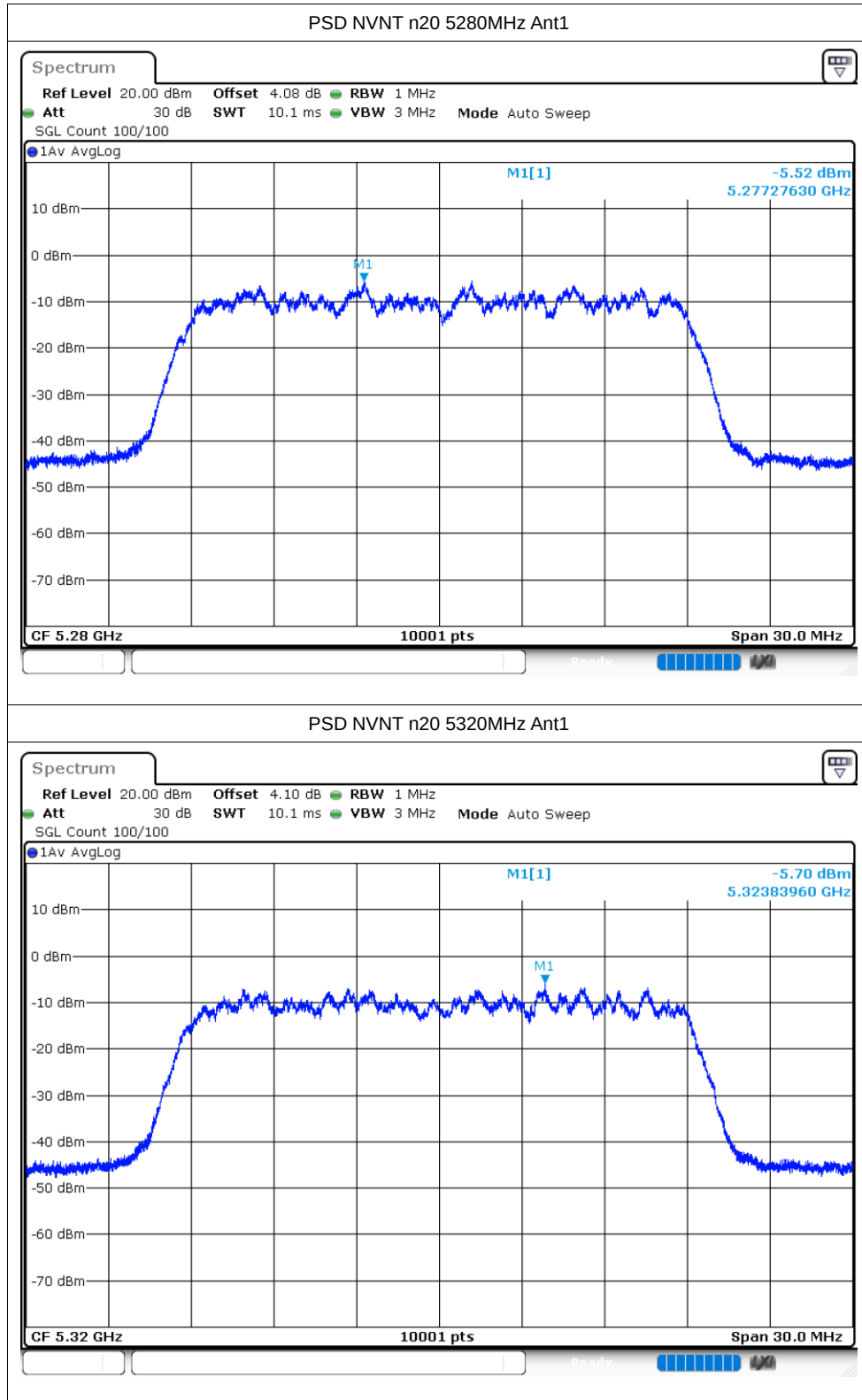
PSD NVNT a 5260MHz Ant1

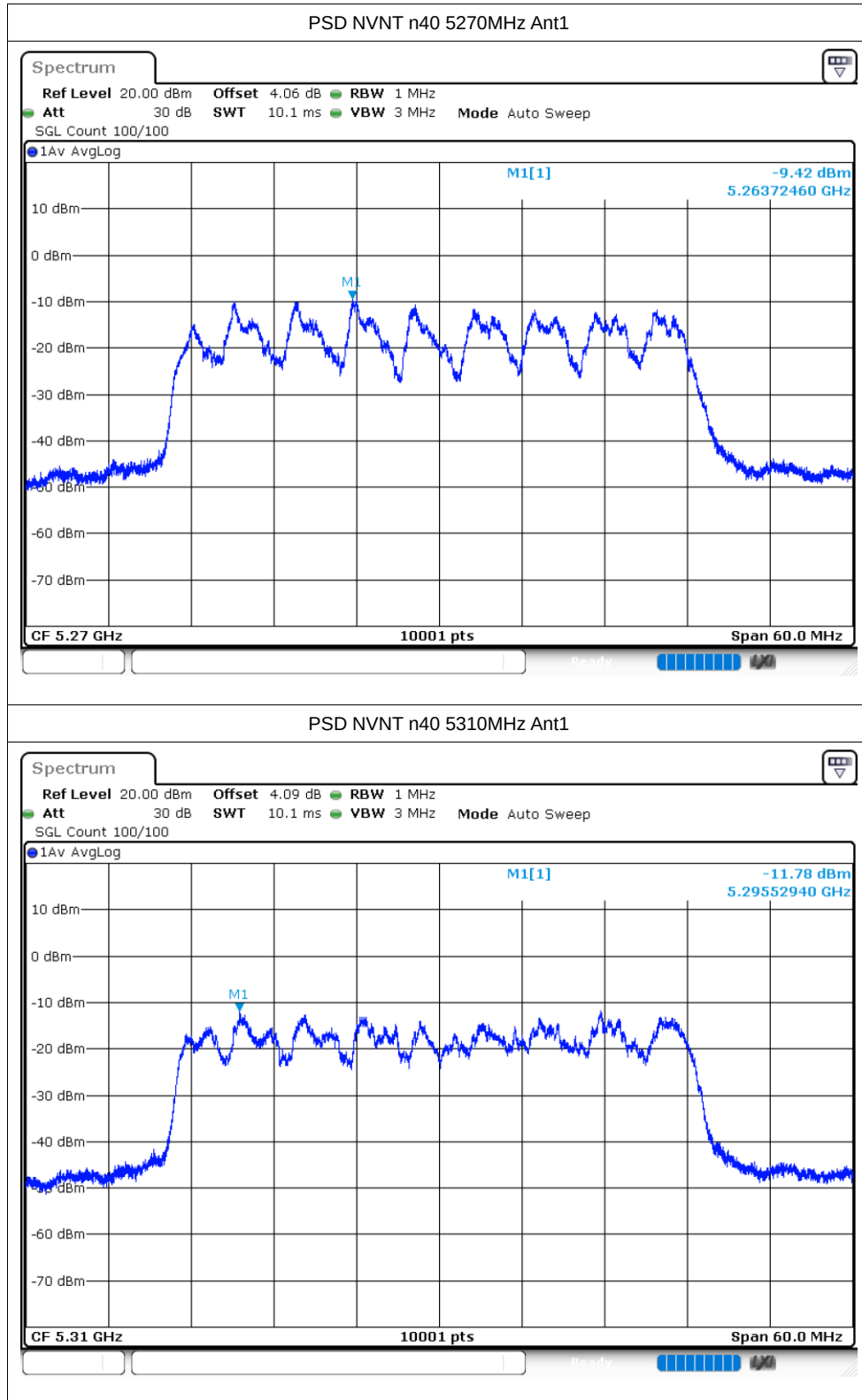


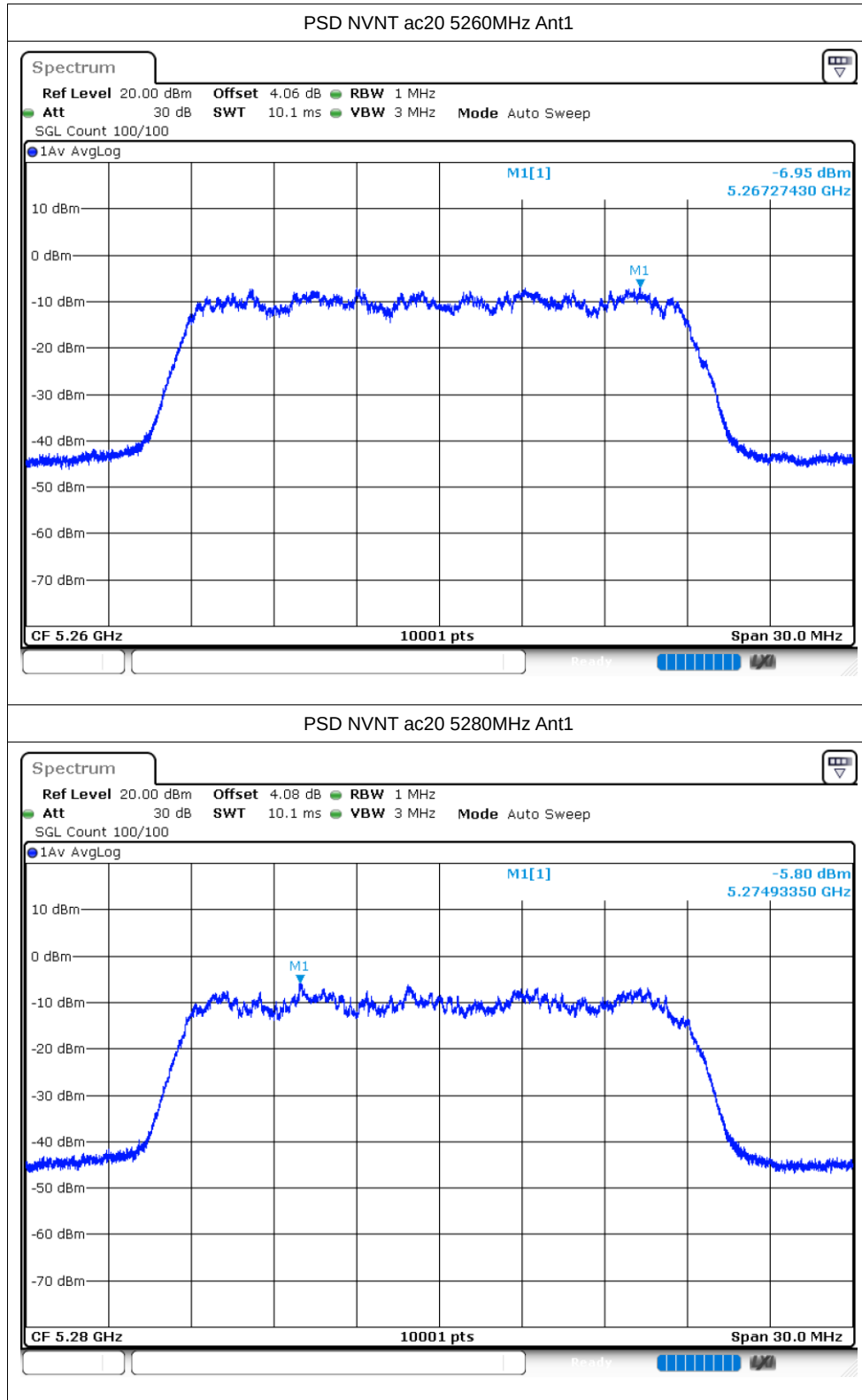
PSD NVNT a 5280MHz Ant1

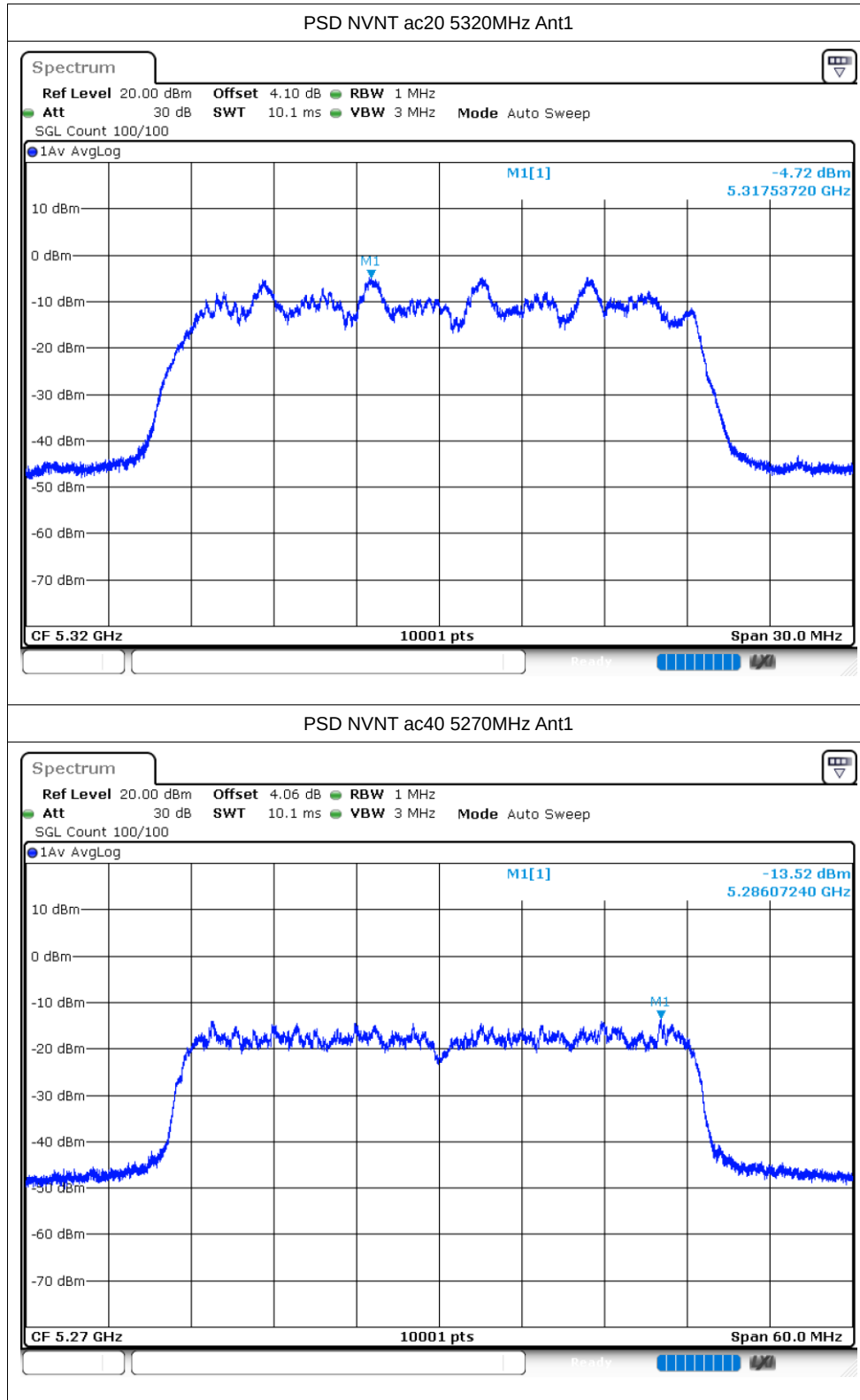


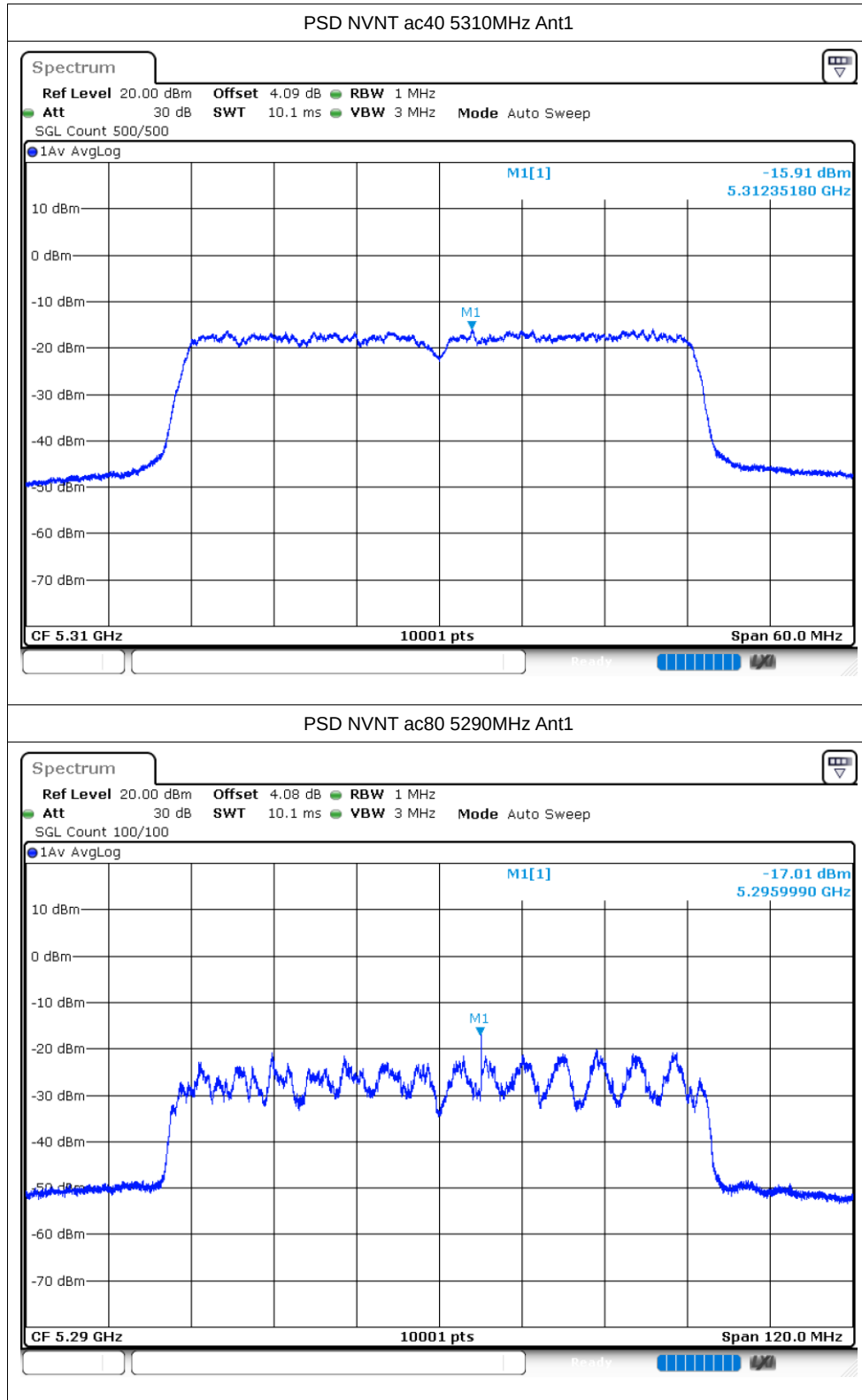












Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-38.59	-27	Pass
NVNT	a	5320	Ant1	-28.71	-27	Pass
NVNT	n20	5260	Ant1	-38.89	-27	Pass
NVNT	n20	5320	Ant1	-32.08	-27	Pass
NVNT	n40	5270	Ant1	-39.33	-27	Pass
NVNT	n40	5310	Ant1	-29.96	-27	Pass
NVNT	ac20	5260	Ant1	-37.7	-27	Pass
NVNT	ac20	5320	Ant1	-31.91	-27	Pass
NVNT	ac40	5270	Ant1	-39.17	-27	Pass
NVNT	ac40	5310	Ant1	-28.72	-27	Pass
NVNT	ac80	5290	Ant1	-33.33	-27	Pass
NVNT	ac80	5290	Ant1	-38.29	-27	Pass

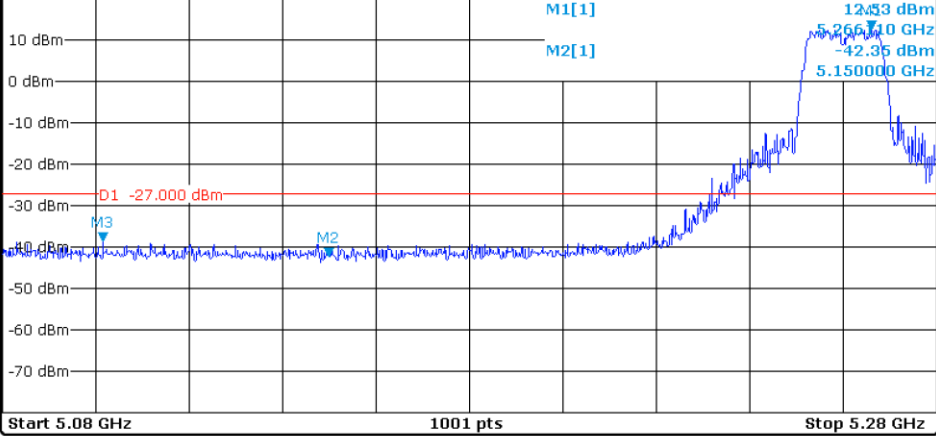
Test Graphs

Band Edge NVNT a 5260MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 8.24 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

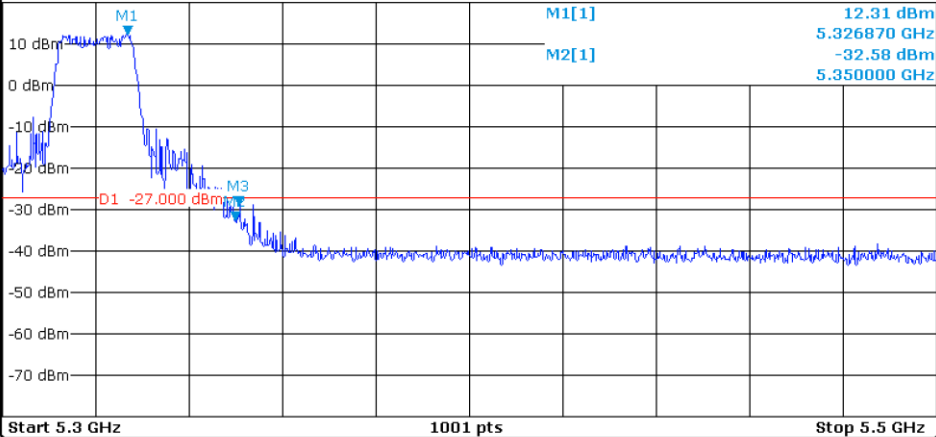
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.26611 GHz	12.53 dBm		
M2	1		5.15 GHz	-42.35 dBm		
M3	1		5.1016 GHz	-38.60 dBm		

Band Edge NVNT a 5320MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 8.28 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		5.32687 GHz	12.31 dBm		
M2	1		5.35 GHz	-32.58 dBm		
M3	1		5.3508 GHz	-28.72 dBm		