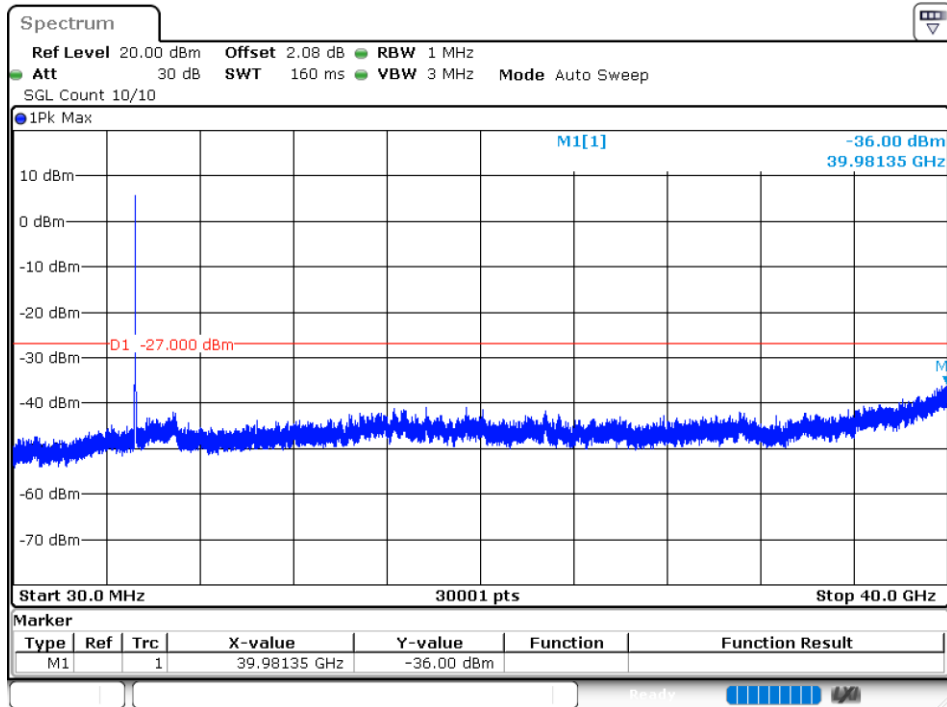
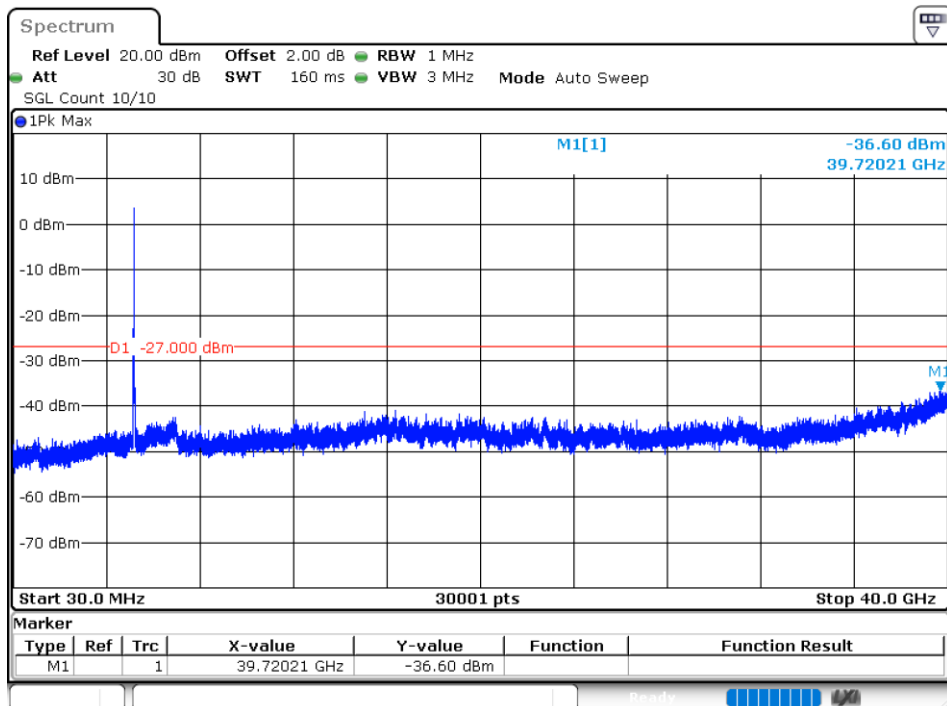
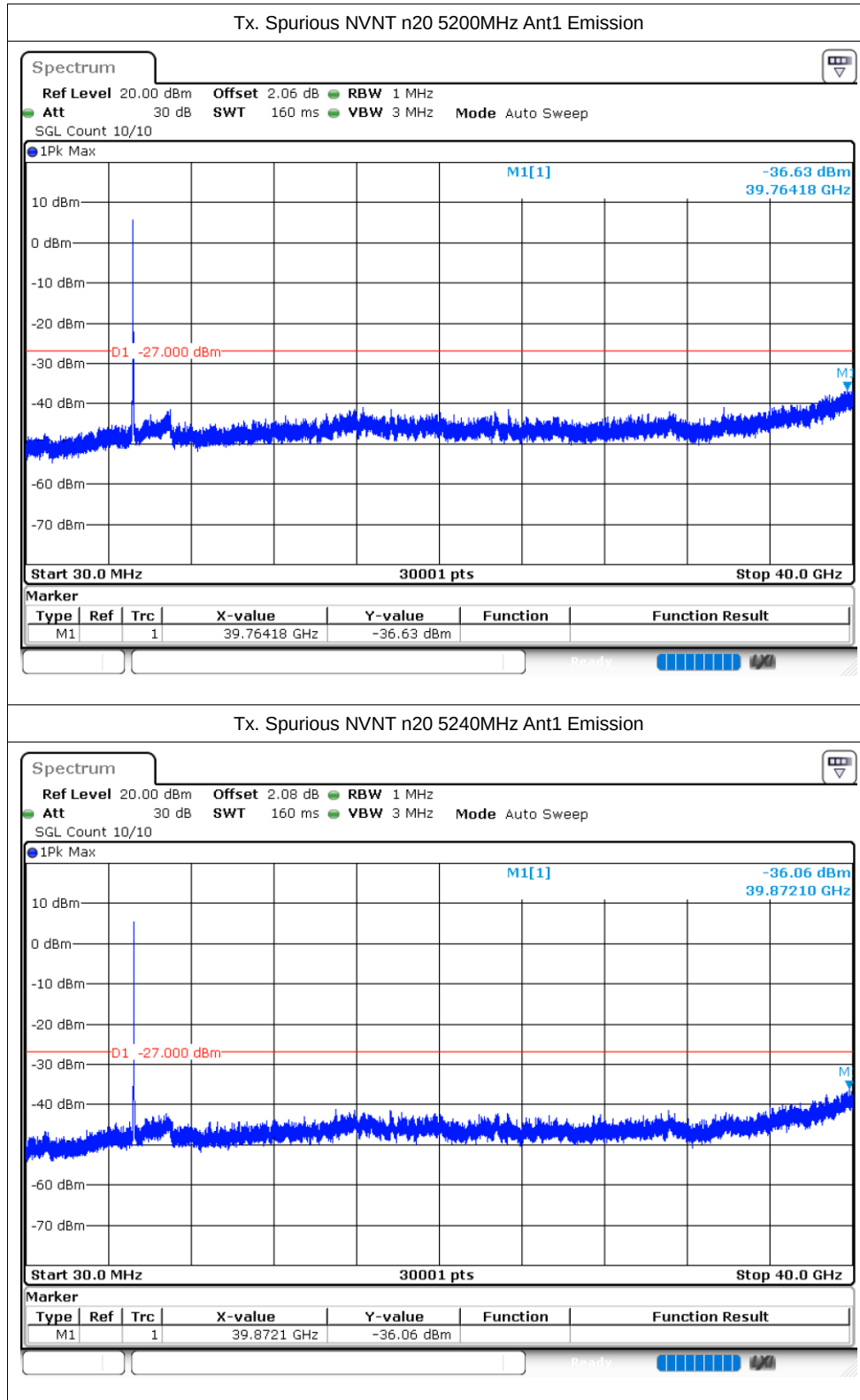


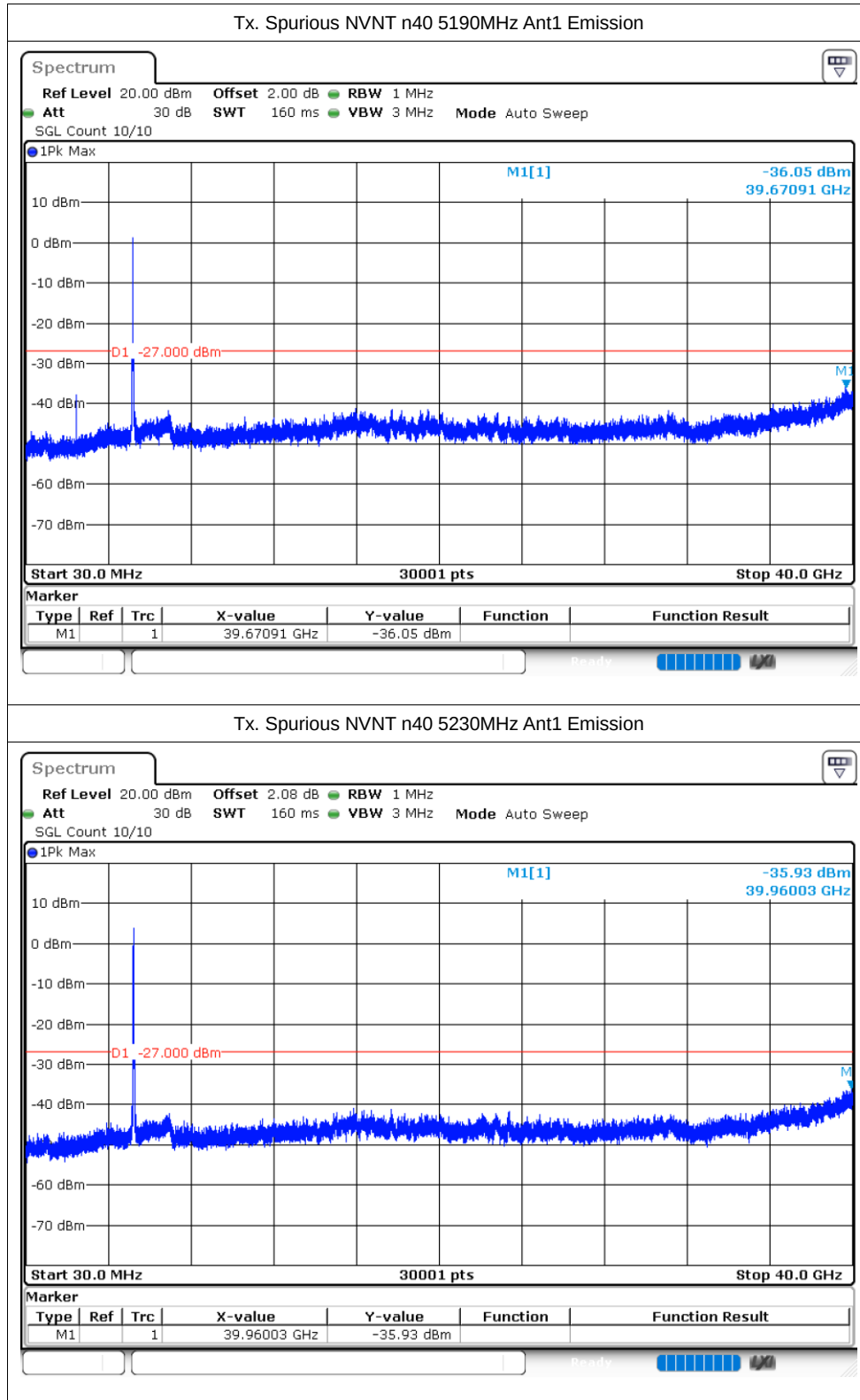
Tx. Spurious NVNT a 5240MHz Ant1 Emission

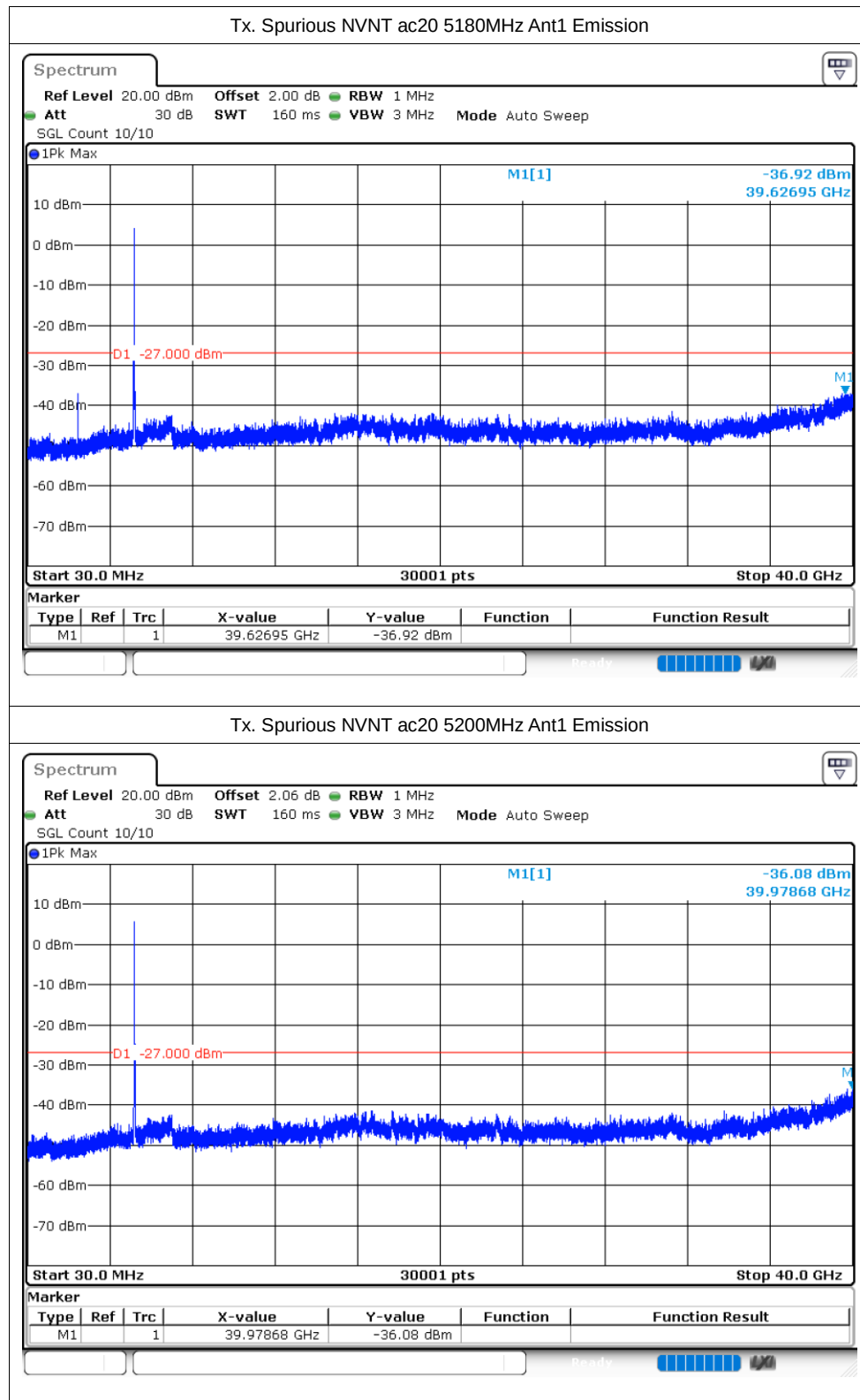


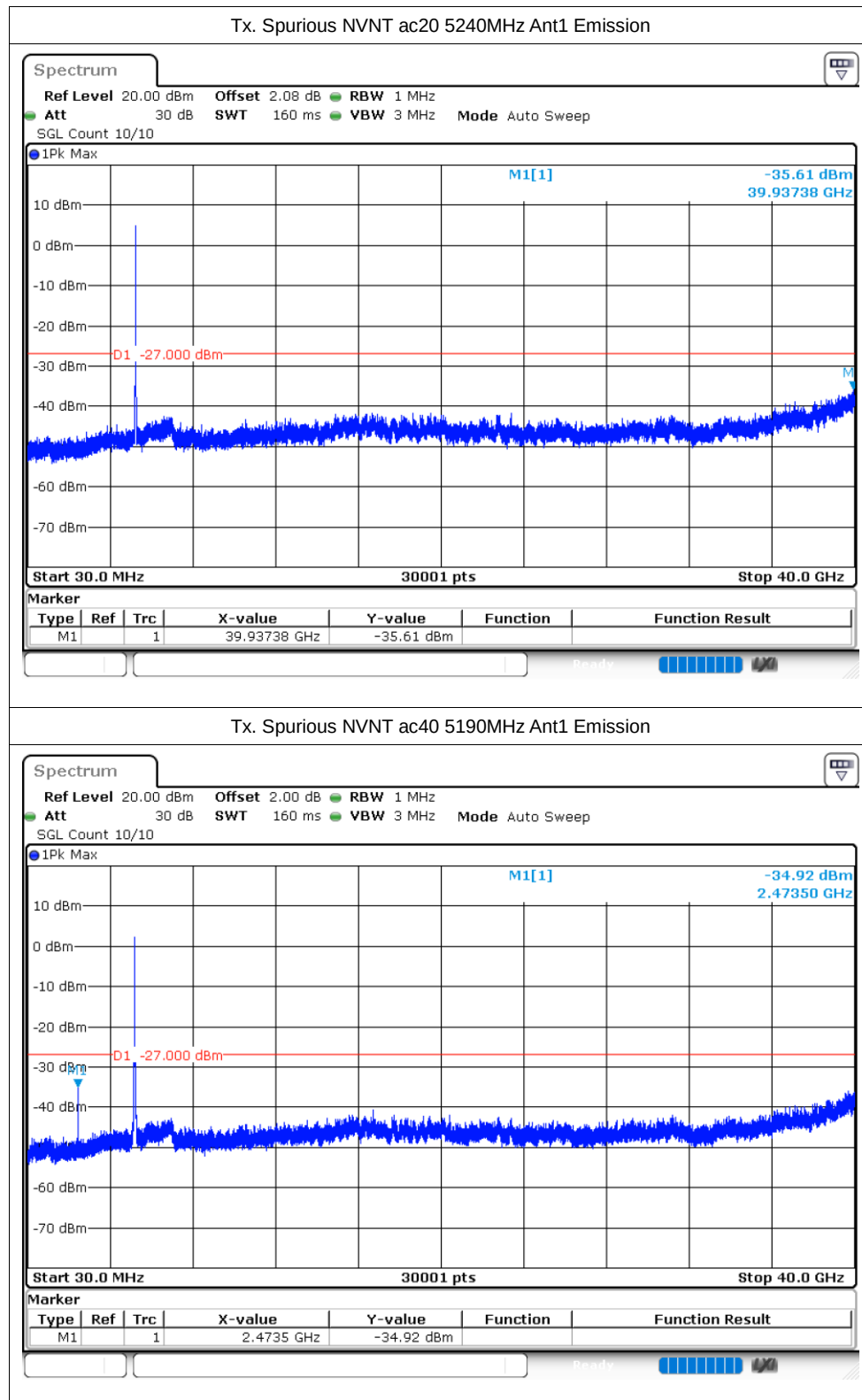
Tx. Spurious NVNT n20 5180MHz Ant1 Emission

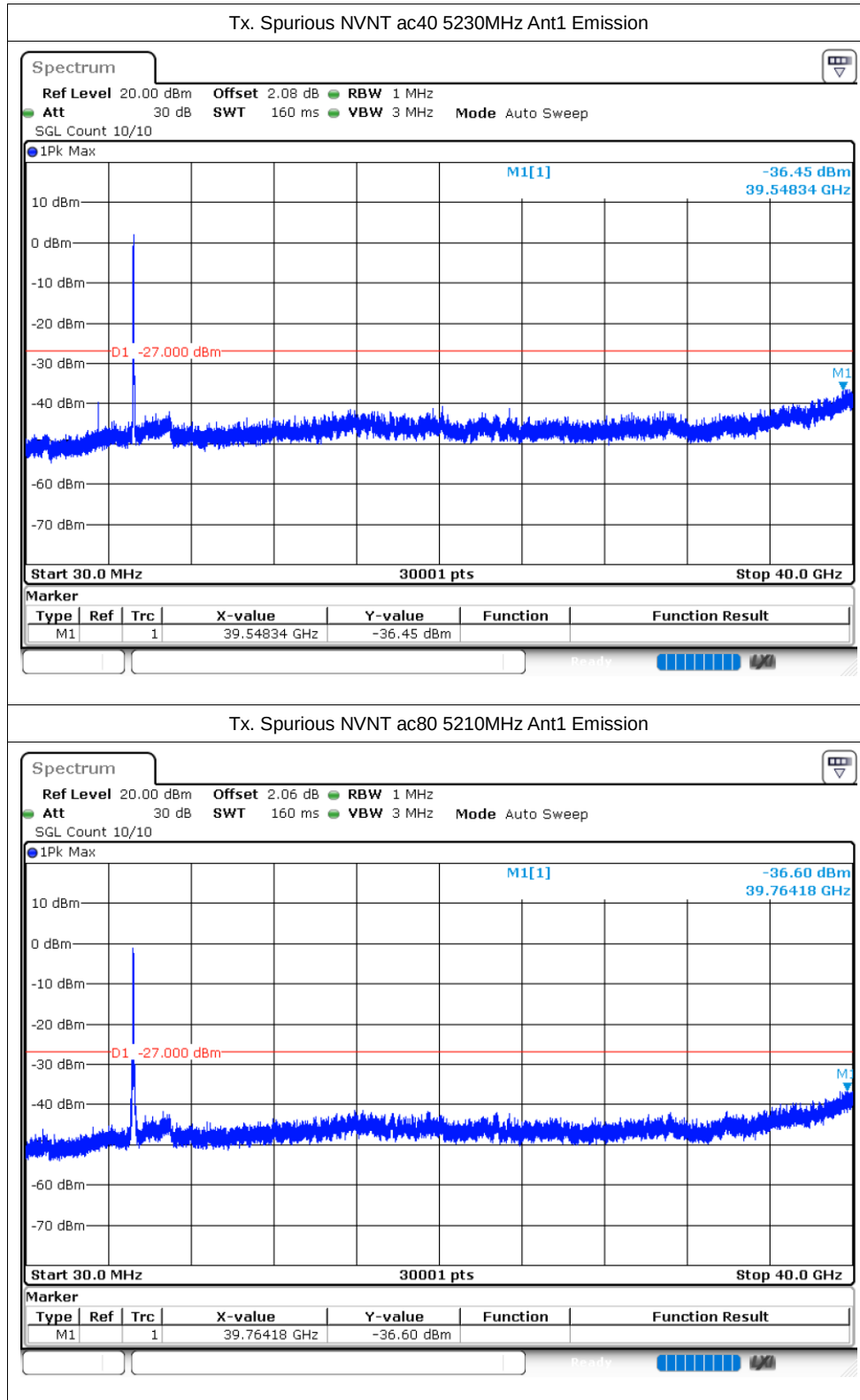












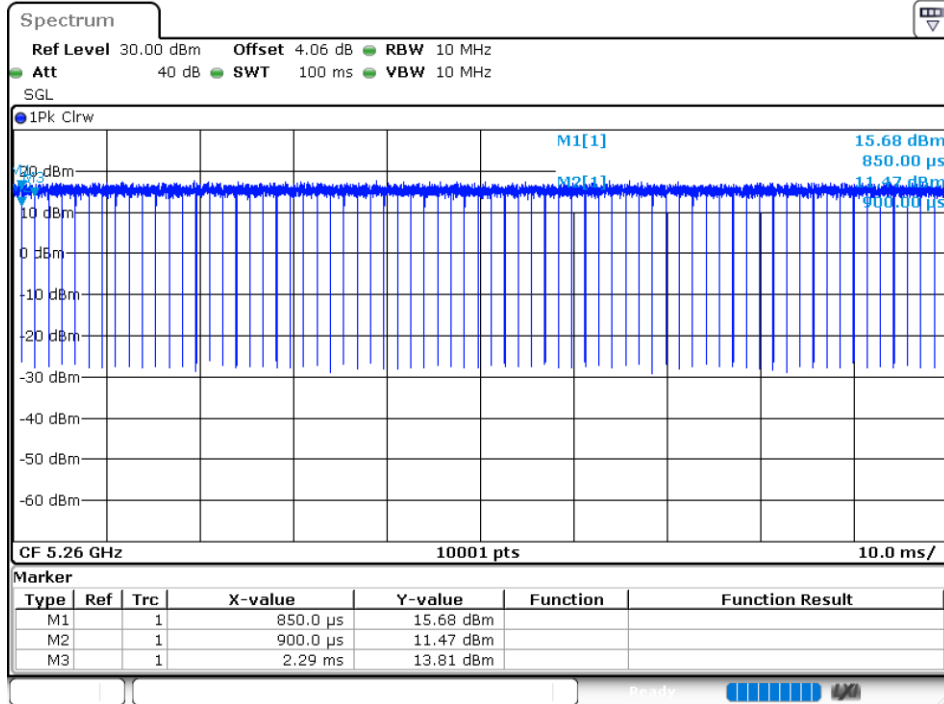
5.3G WIFI

Duty Cycle

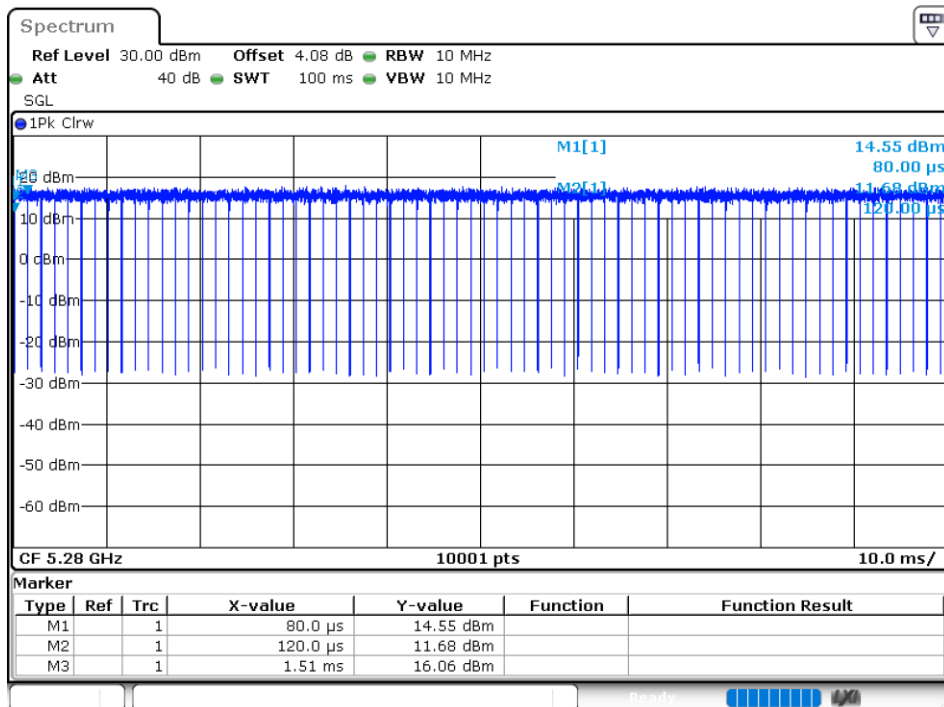
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	97.6	0.11	0.72
NVNT	a	5280	Ant1	97.55	0.11	0.72
NVNT	a	5320	Ant1	97.57	0.11	0.72
NVNT	n20	5260	Ant1	97.4	0.11	0.77
NVNT	n20	5280	Ant1	97.4	0.11	0.77
NVNT	n20	5320	Ant1	97.43	0.11	0.77
NVNT	n40	5270	Ant1	95.09	0.22	1.54
NVNT	n40	5310	Ant1	95.08	0.22	1.54
NVNT	ac20	5260	Ant1	97.44	0.11	0.76
NVNT	ac20	5280	Ant1	97.43	0.11	0.76
NVNT	ac20	5320	Ant1	97.46	0.11	0.76
NVNT	ac40	5270	Ant1	95.08	0.22	1.54
NVNT	ac40	5310	Ant1	95.08	0.22	1.54
NVNT	ac80	5290	Ant1	90.64	0.43	3.13

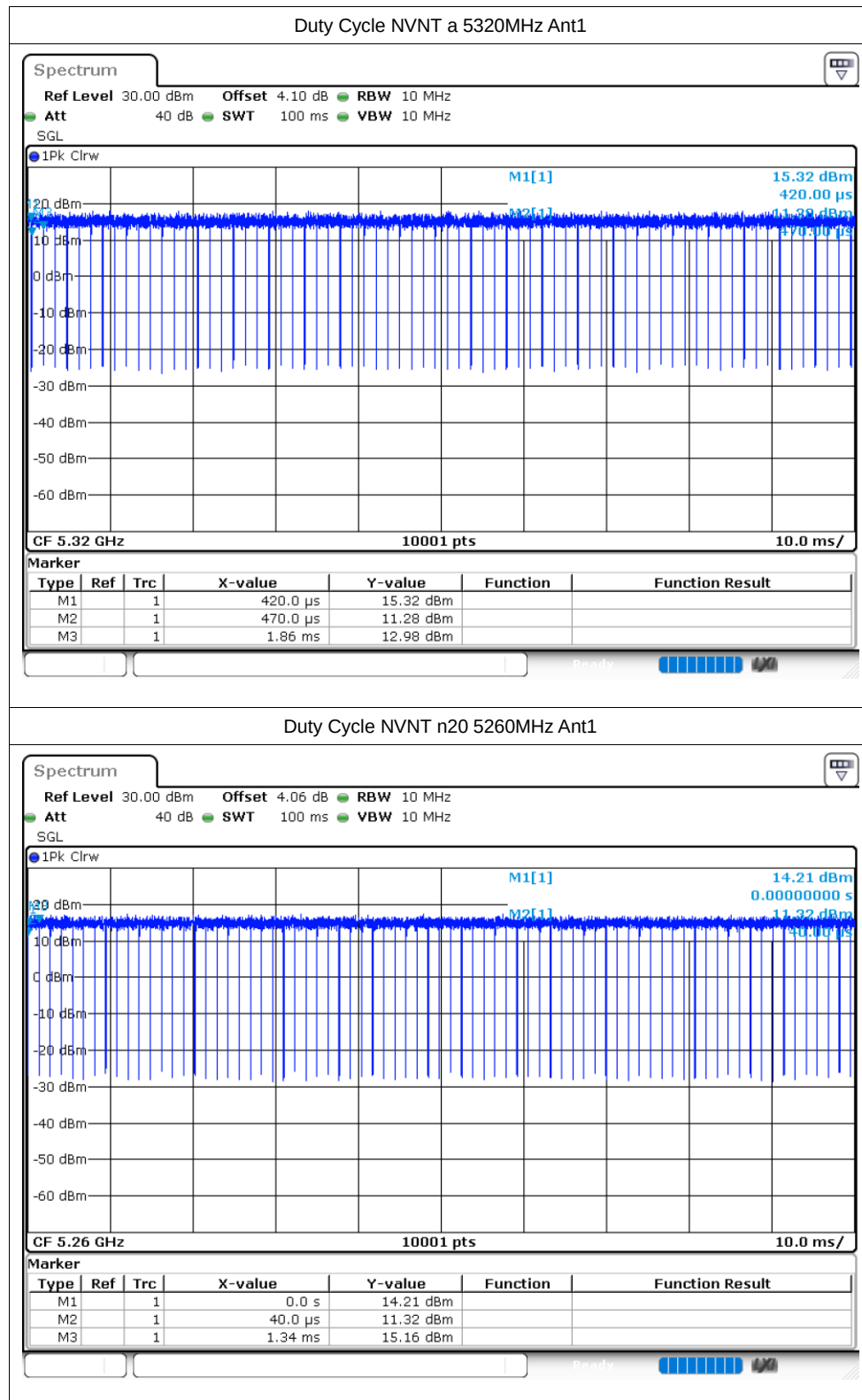
Test Graphs

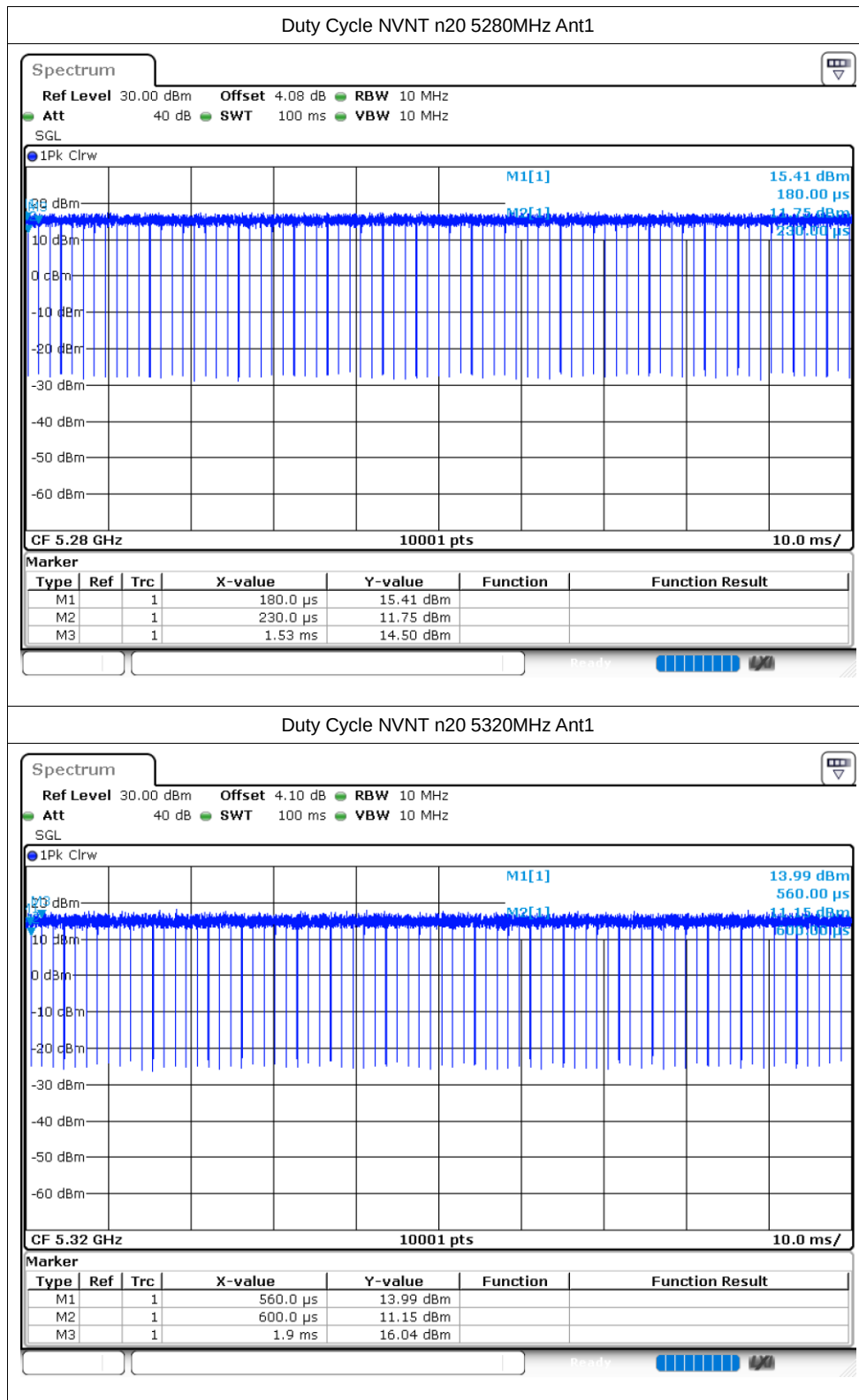
Duty Cycle NVNT a 5260MHz Ant1

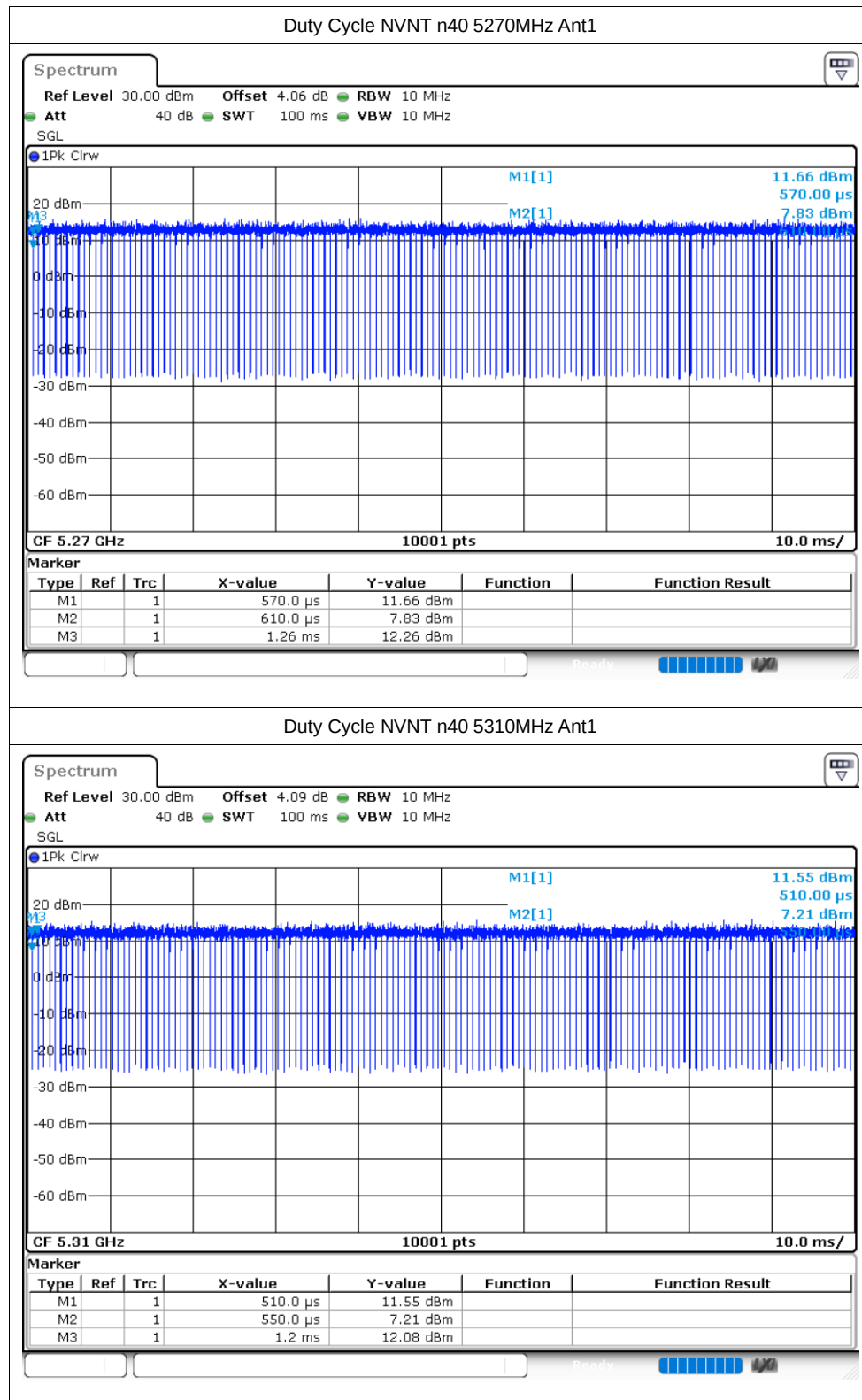


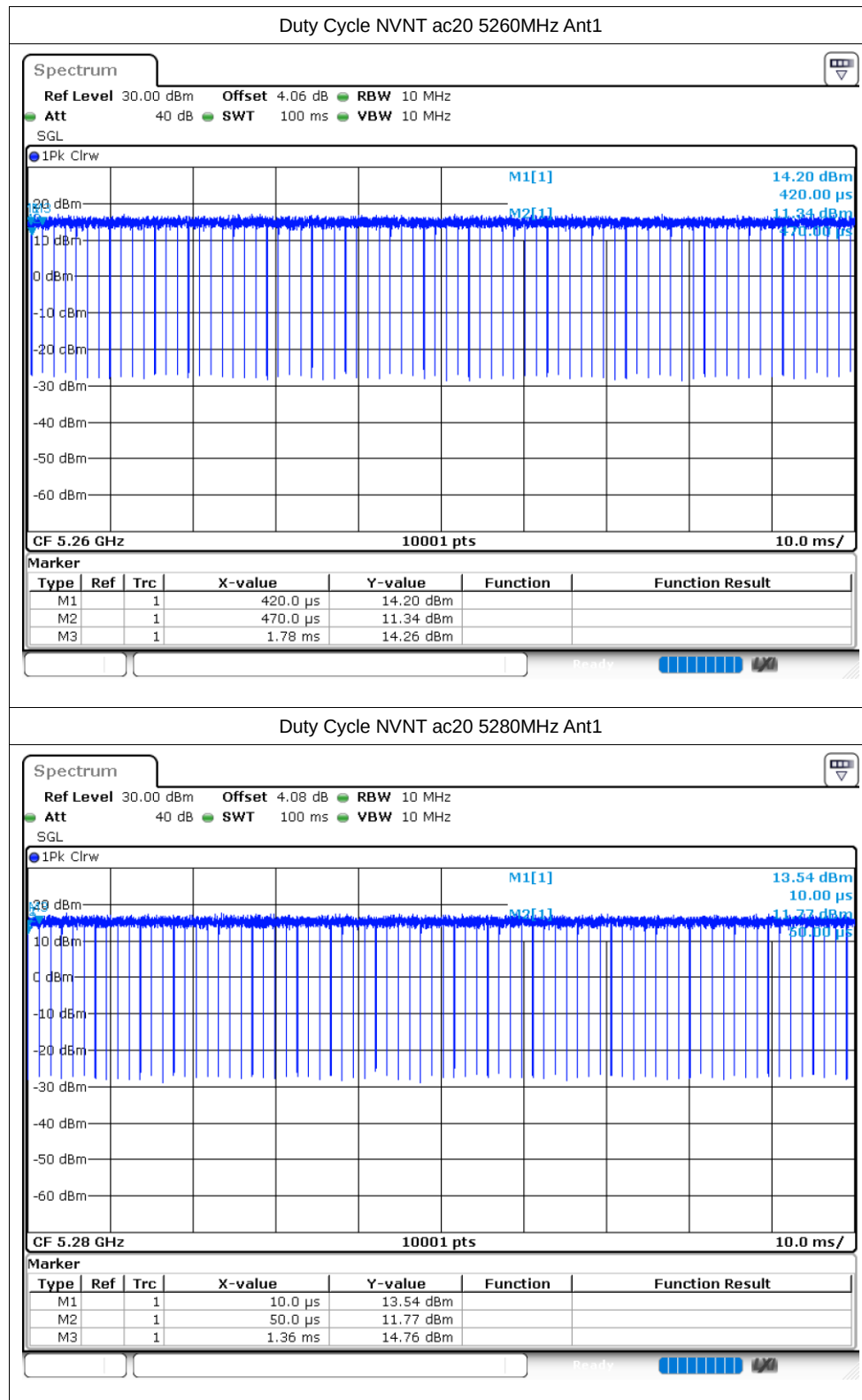
Duty Cycle NVNT a 5280MHz Ant1

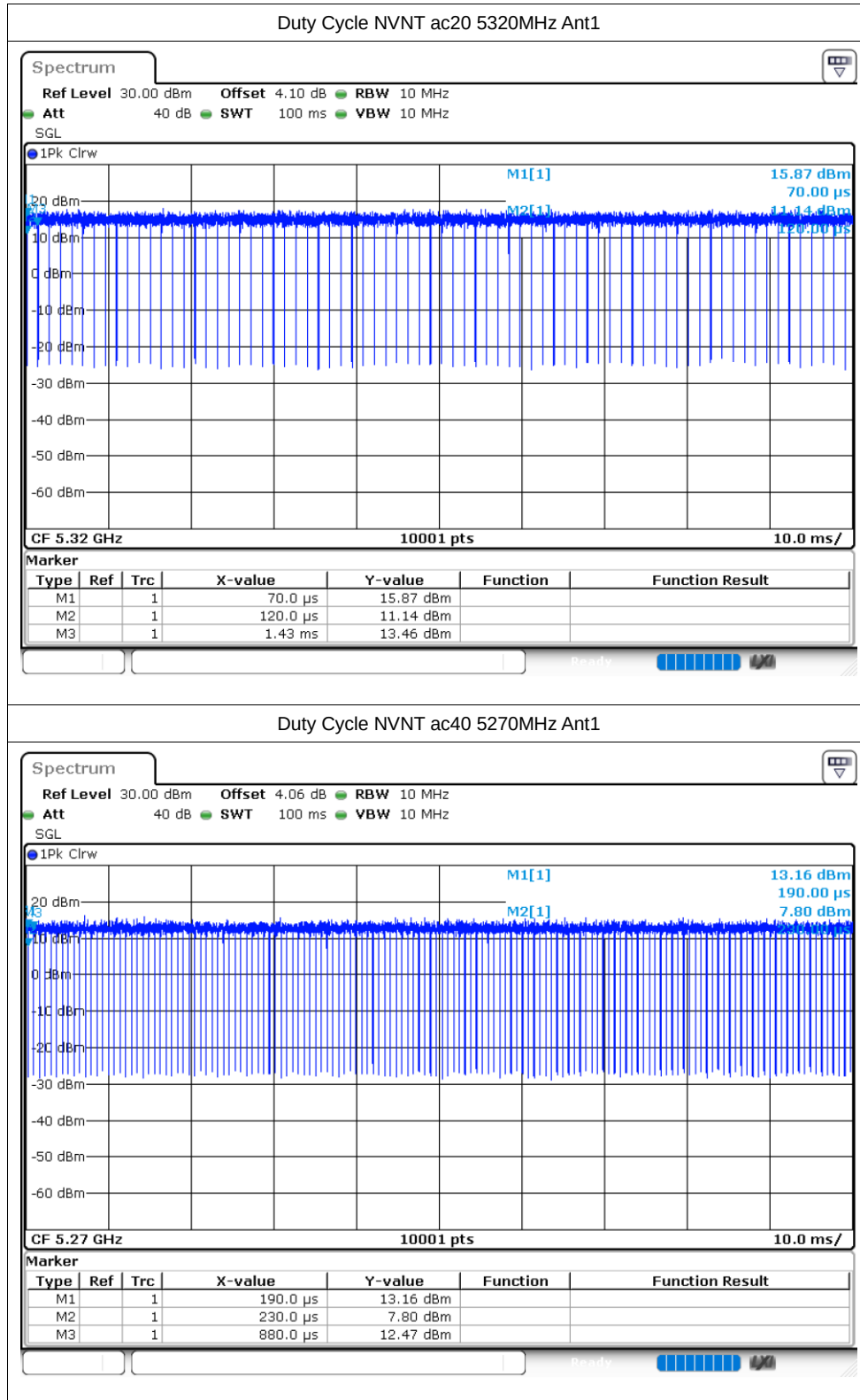


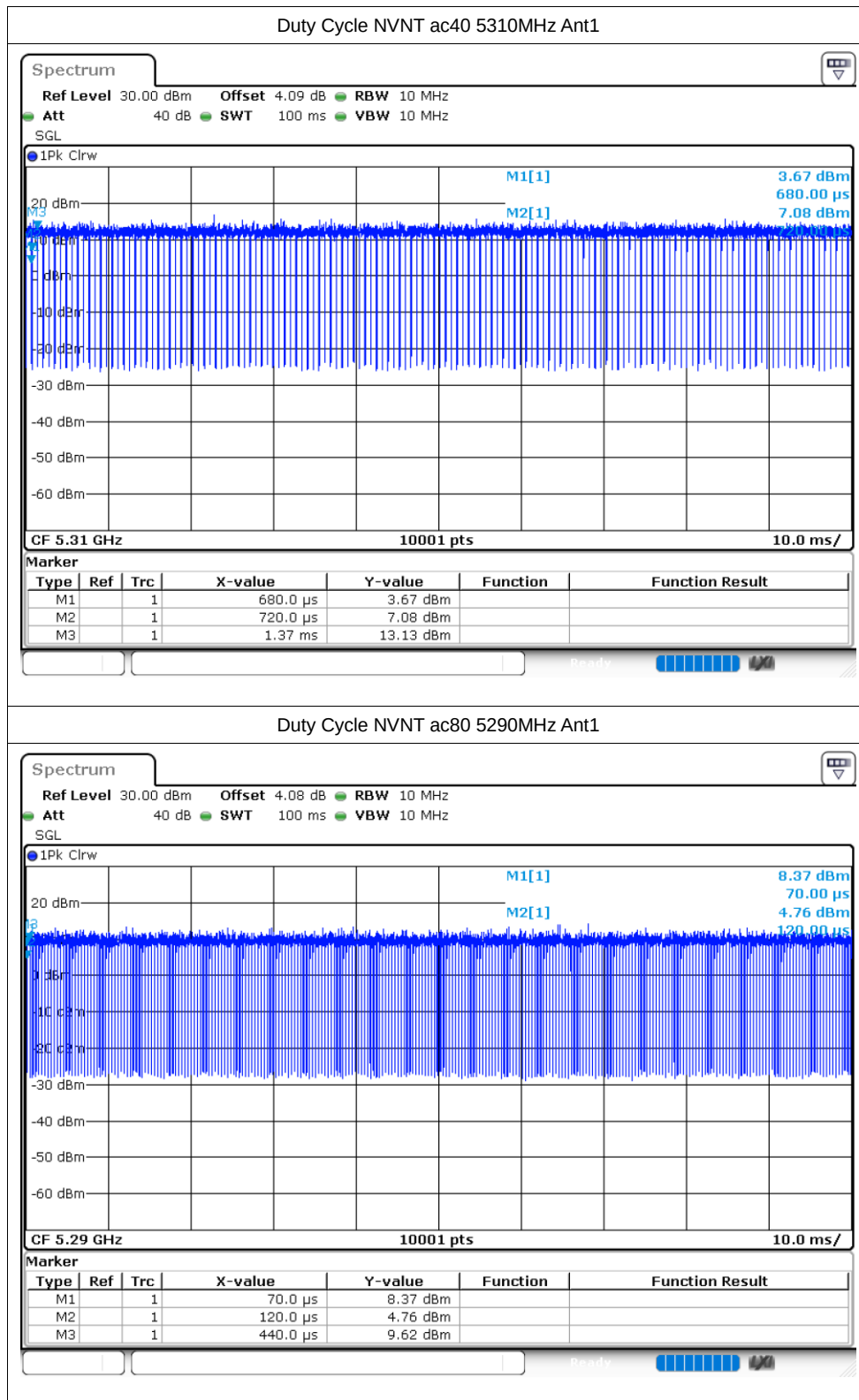












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	10.94	24	Pass
NVNT	a	5280	Ant1	11.48	24	Pass
NVNT	a	5320	Ant1	11.21	24	Pass
NVNT	n20	5260	Ant1	10.69	24	Pass
NVNT	n20	5280	Ant1	11.22	24	Pass
NVNT	n20	5320	Ant1	10.99	24	Pass
NVNT	n40	5270	Ant1	10.77	24	Pass
NVNT	n40	5310	Ant1	10.79	24	Pass
NVNT	ac20	5260	Ant1	10.97	24	Pass
NVNT	ac20	5280	Ant1	10.97	24	Pass
NVNT	ac20	5320	Ant1	10.93	24	Pass
NVNT	ac40	5270	Ant1	10.96	24	Pass
NVNT	ac40	5310	Ant1	10.92	24	Pass
NVNT	ac80	5290	Ant1	11.17	24	Pass

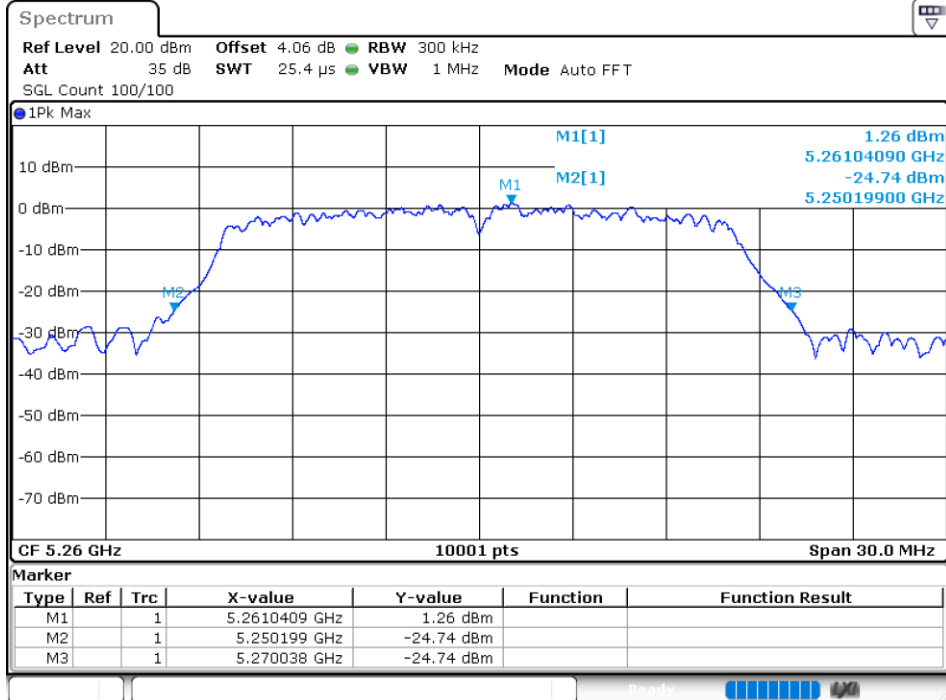
Note: The average power value already includes the duty cycle factor

-26dB Bandwidth

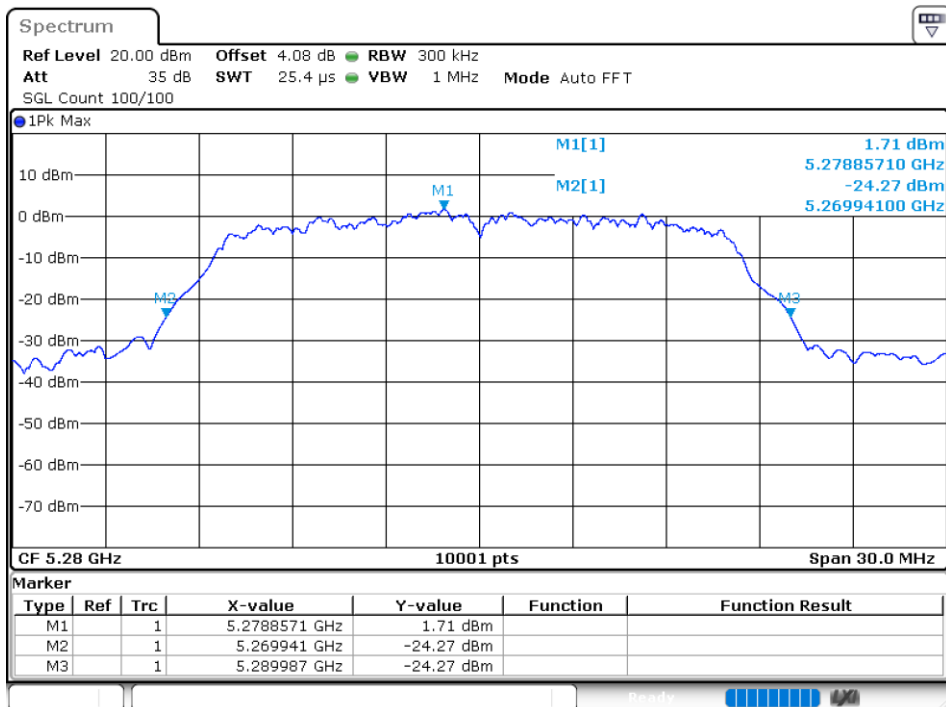
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	19.839	Pass
NVNT	a	5280	Ant1	20.046	Pass
NVNT	a	5320	Ant1	19.518	Pass
NVNT	n20	5260	Ant1	20.883	Pass
NVNT	n20	5280	Ant1	20.19	Pass
NVNT	n20	5320	Ant1	20.145	Pass
NVNT	n40	5270	Ant1	43.548	Pass
NVNT	n40	5310	Ant1	40.866	Pass
NVNT	ac20	5260	Ant1	20.016	Pass
NVNT	ac20	5280	Ant1	20.115	Pass
NVNT	ac20	5320	Ant1	20.376	Pass
NVNT	ac40	5270	Ant1	42.054	Pass
NVNT	ac40	5310	Ant1	41.196	Pass
NVNT	ac80	5290	Ant1	99.228	Pass

Test Graphs

-26dB Bandwidth NVNT a 5260MHz Ant1



-26dB Bandwidth NVNT a 5280MHz Ant1

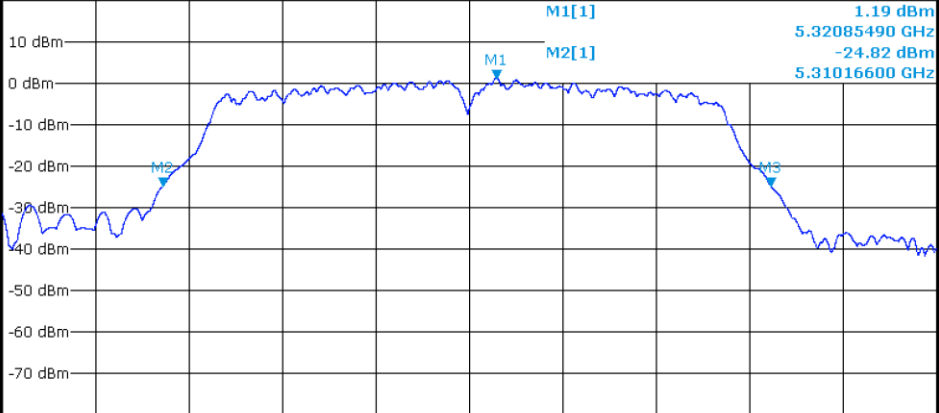


-26dB Bandwidth NVNT a 5320MHz Ant1

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



CF 5.32 GHz 10001 pts Span 30.0 MHz

Marker

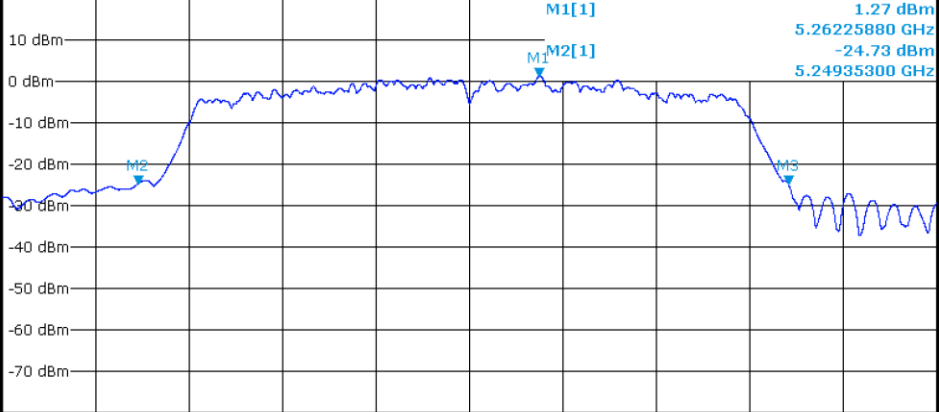
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.3208549 GHz	1.19 dBm		
M2		1	5.310166 GHz	-24.82 dBm		
M3		1	5.329684 GHz	-24.83 dBm		

-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

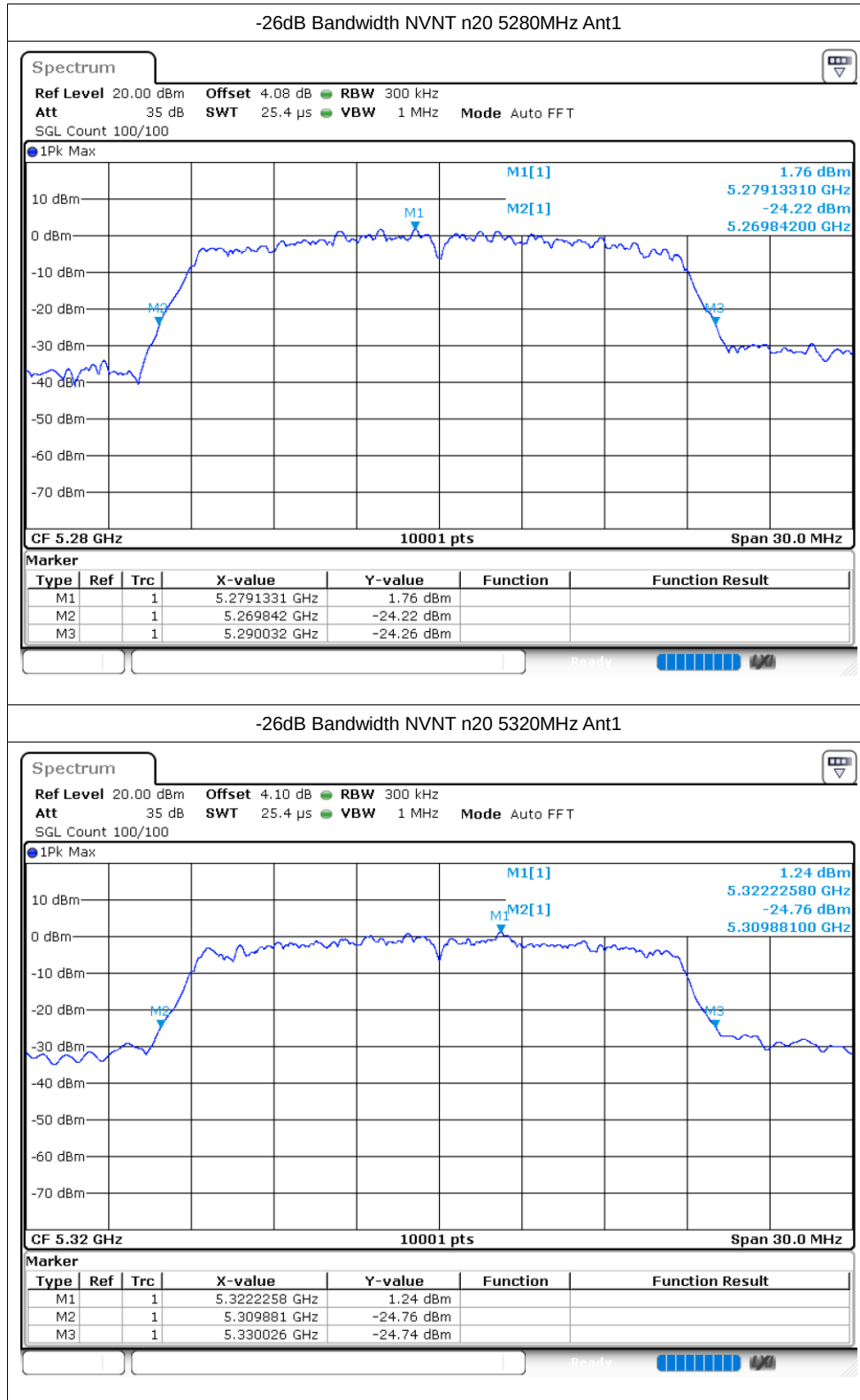
1Pk Max

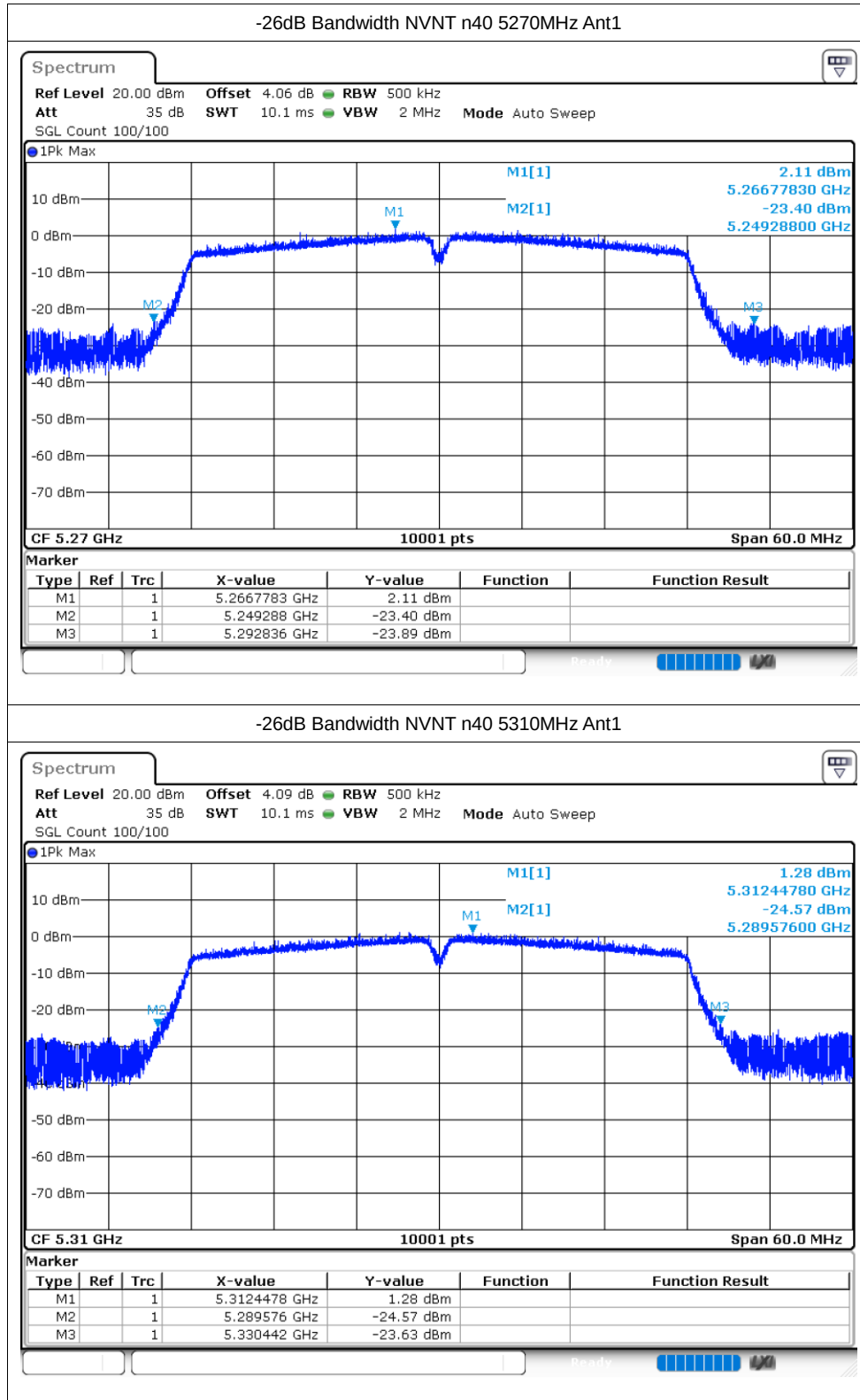


CF 5.26 GHz 10001 pts Span 30.0 MHz

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2622588 GHz	1.27 dBm		
M2		1	5.249353 GHz	-24.73 dBm		
M3		1	5.270236 GHz	-24.72 dBm		



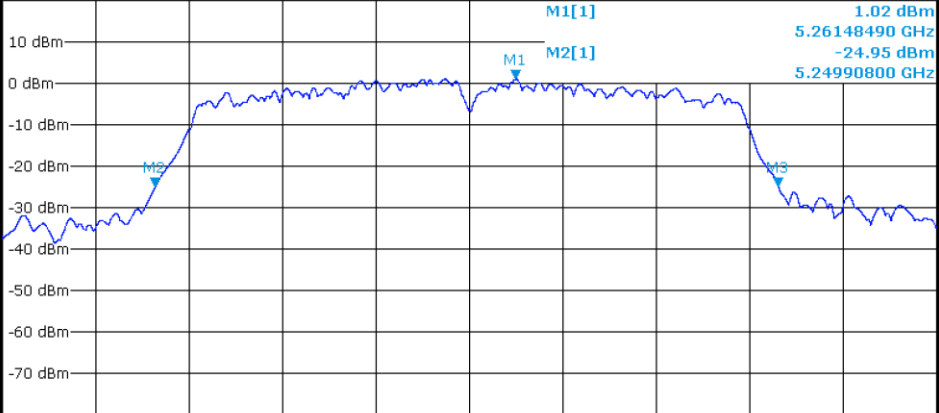


-26dB Bandwidth NVNT ac20 5260MHz Ant1

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



CF 5.26 GHz 10001 pts Span 30.0 MHz

Marker

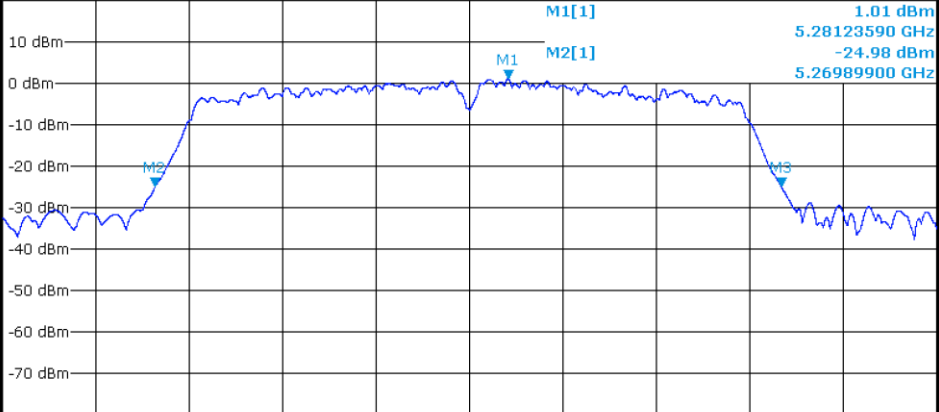
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2614849 GHz	1.02 dBm		
M2		1	5.249908 GHz	-24.95 dBm		
M3		1	5.269924 GHz	-24.92 dBm		

-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

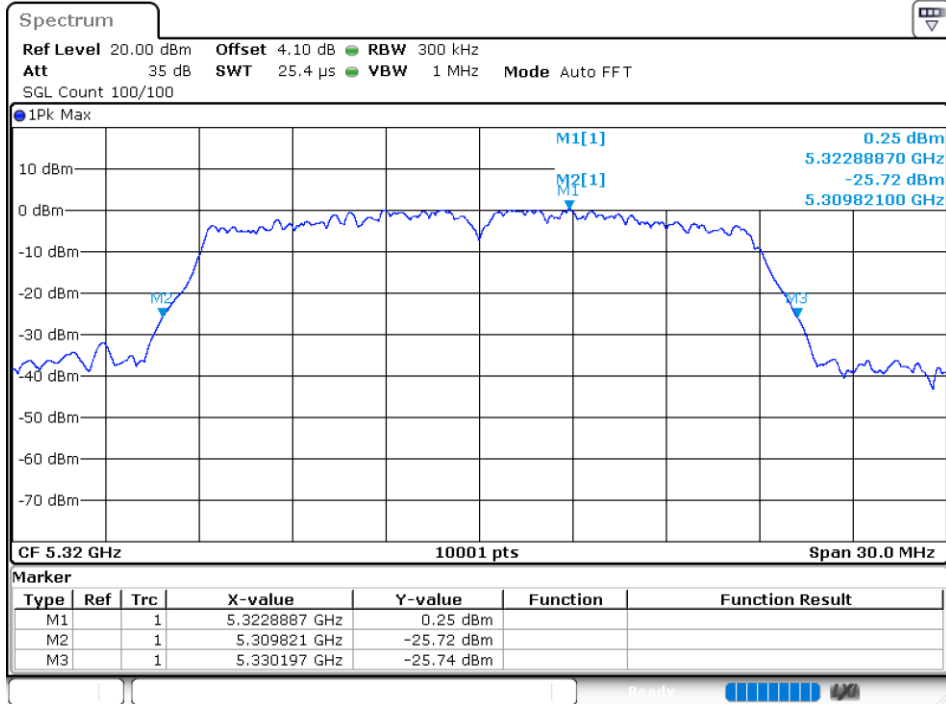


CF 5.28 GHz 10001 pts Span 30.0 MHz

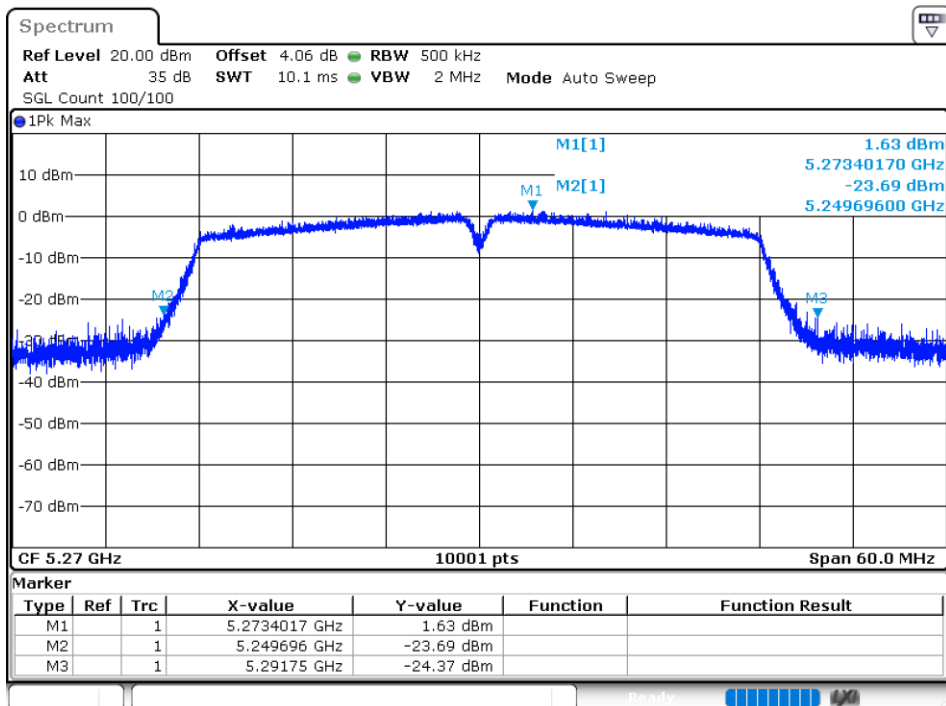
Marker

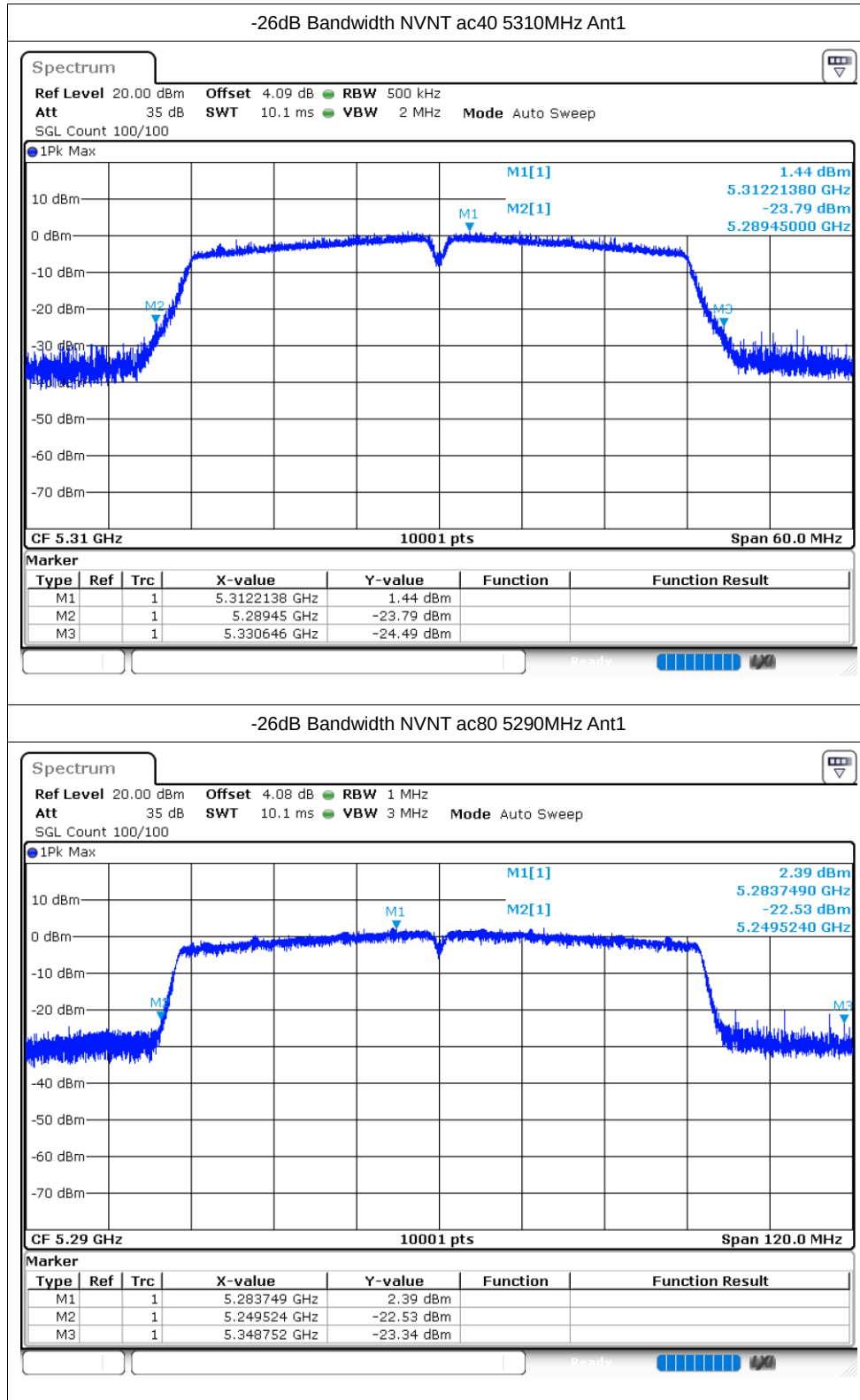
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2812359 GHz	1.01 dBm		
M2		1	5.269899 GHz	-24.98 dBm		
M3		1	5.290014 GHz	-24.98 dBm		

-26dB Bandwidth NVNT ac20 5320MHz Ant1



-26dB Bandwidth NVNT ac40 5270MHz Ant1



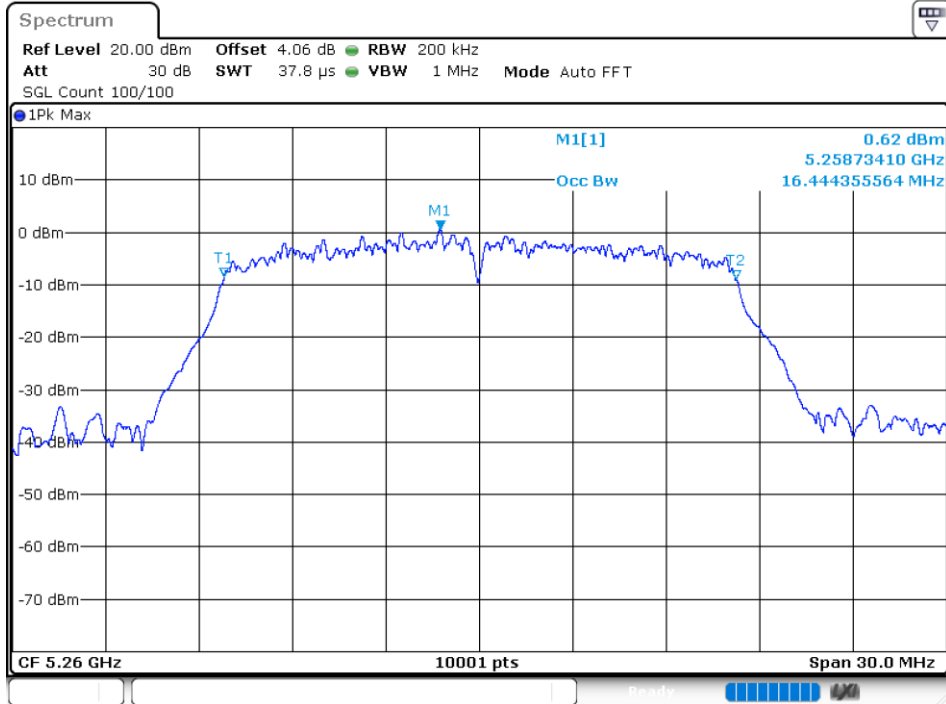


Occupied Channel Bandwidth

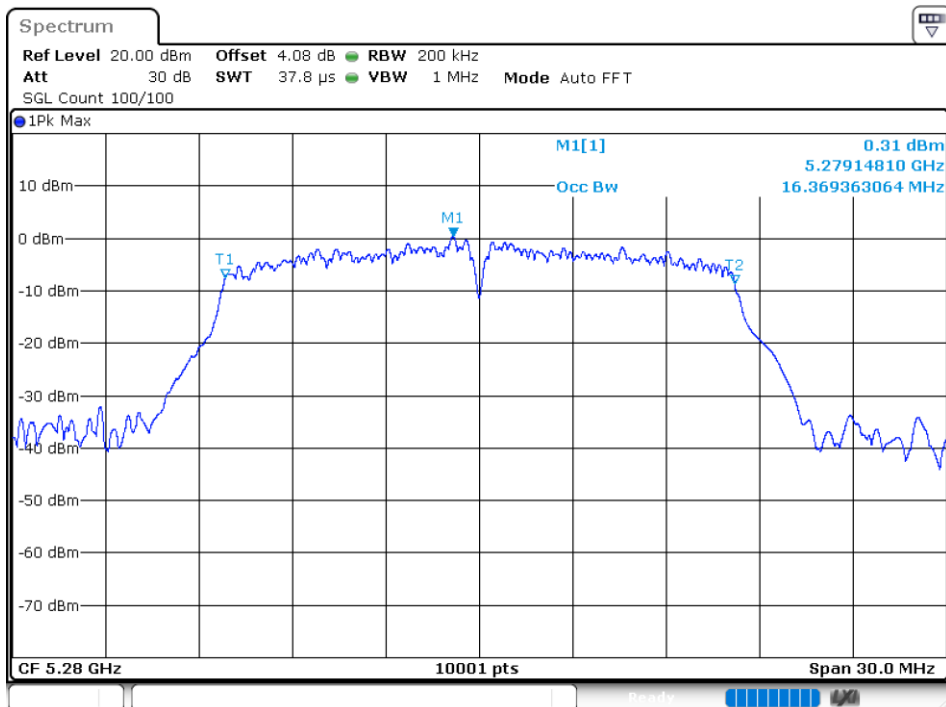
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.444
NVNT	a	5280	Ant1	16.369
NVNT	a	5320	Ant1	16.36
NVNT	n20	5260	Ant1	17.551
NVNT	n20	5280	Ant1	17.638
NVNT	n20	5320	Ant1	17.542
NVNT	n40	5270	Ant1	36.062
NVNT	n40	5310	Ant1	36.044
NVNT	ac20	5260	Ant1	17.566
NVNT	ac20	5280	Ant1	17.536
NVNT	ac20	5320	Ant1	17.521
NVNT	ac40	5270	Ant1	36.056
NVNT	ac40	5310	Ant1	35.978
NVNT	ac80	5290	Ant1	75.232

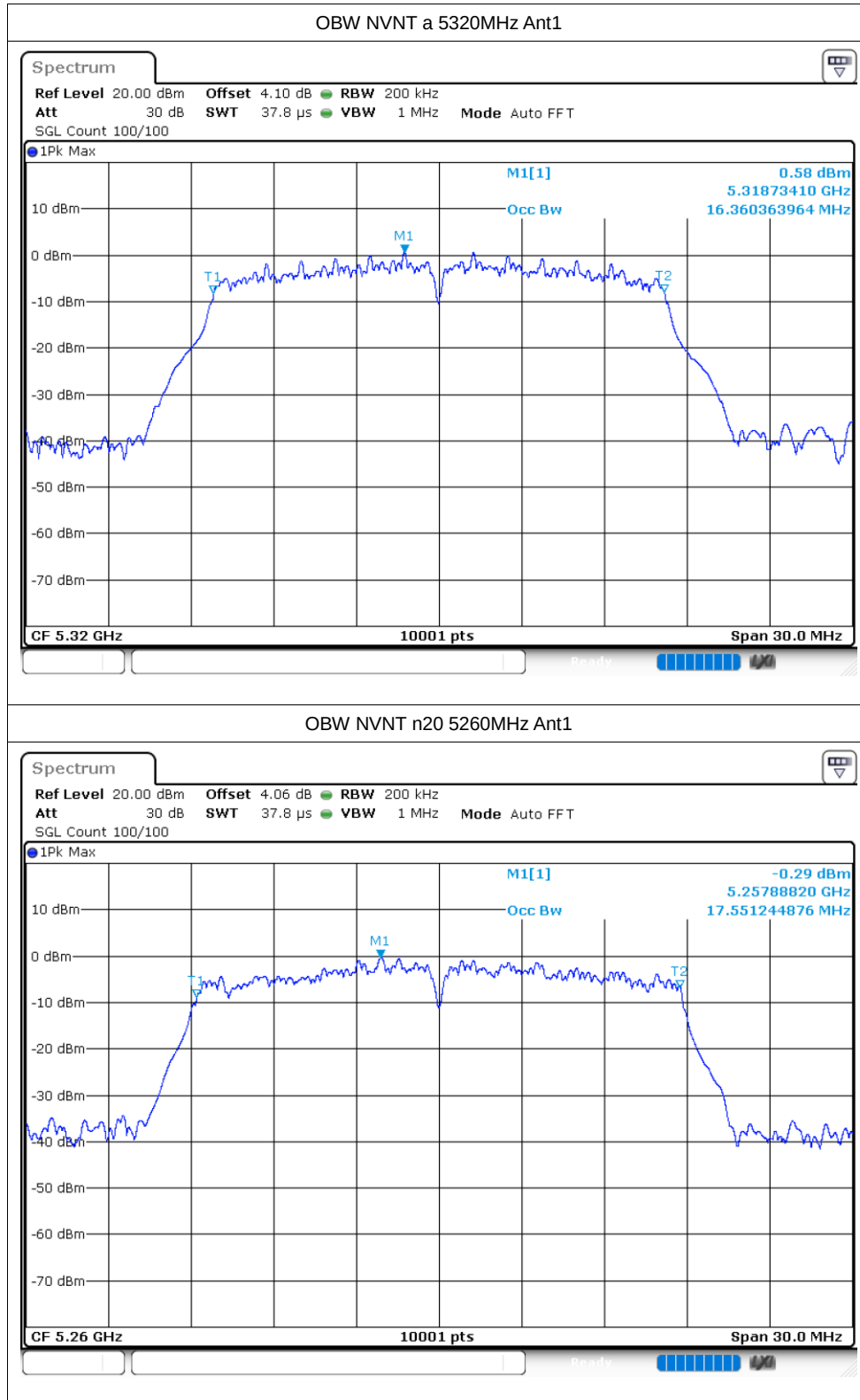
Test Graphs

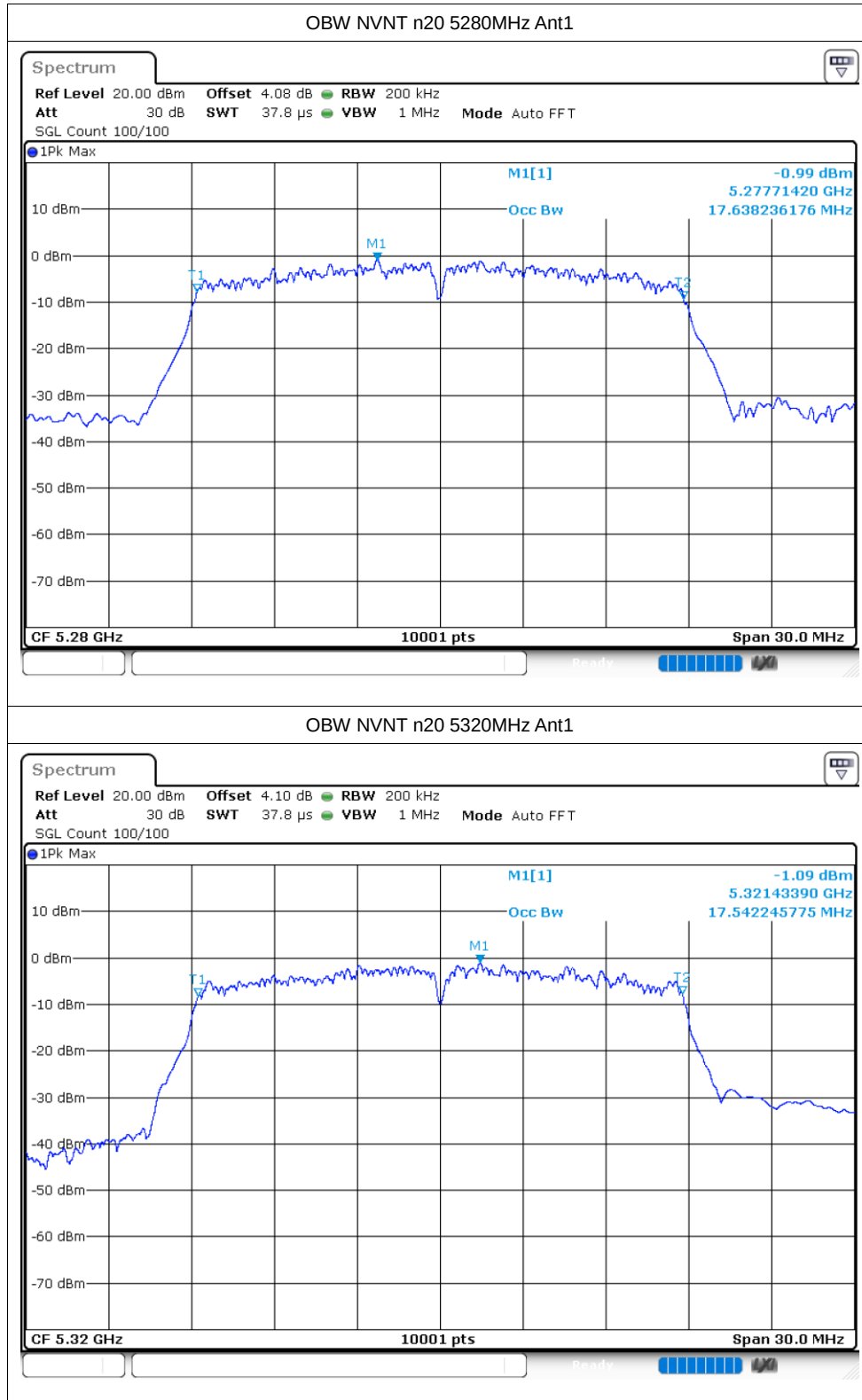
OBW NVNT a 5260MHz Ant1

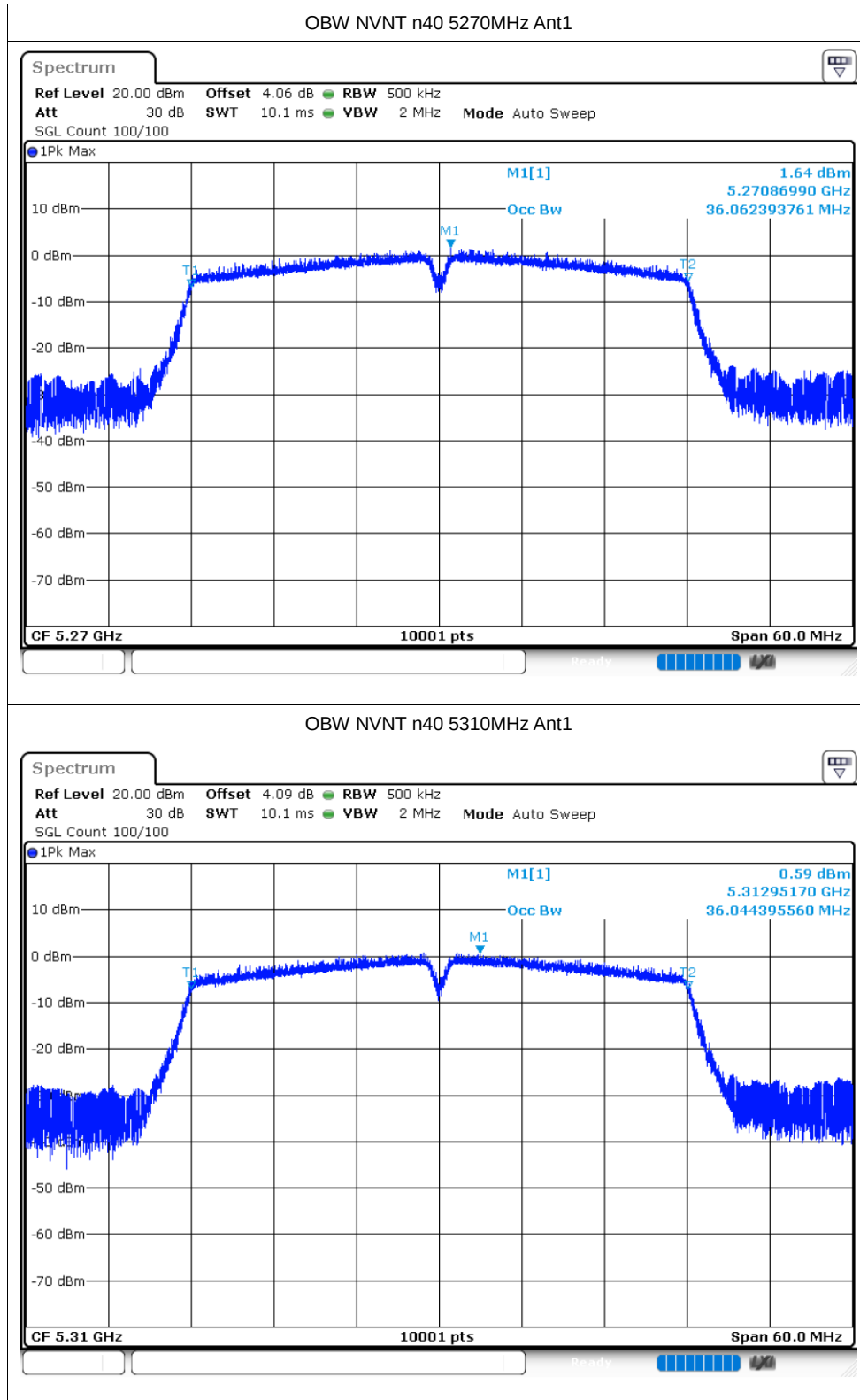


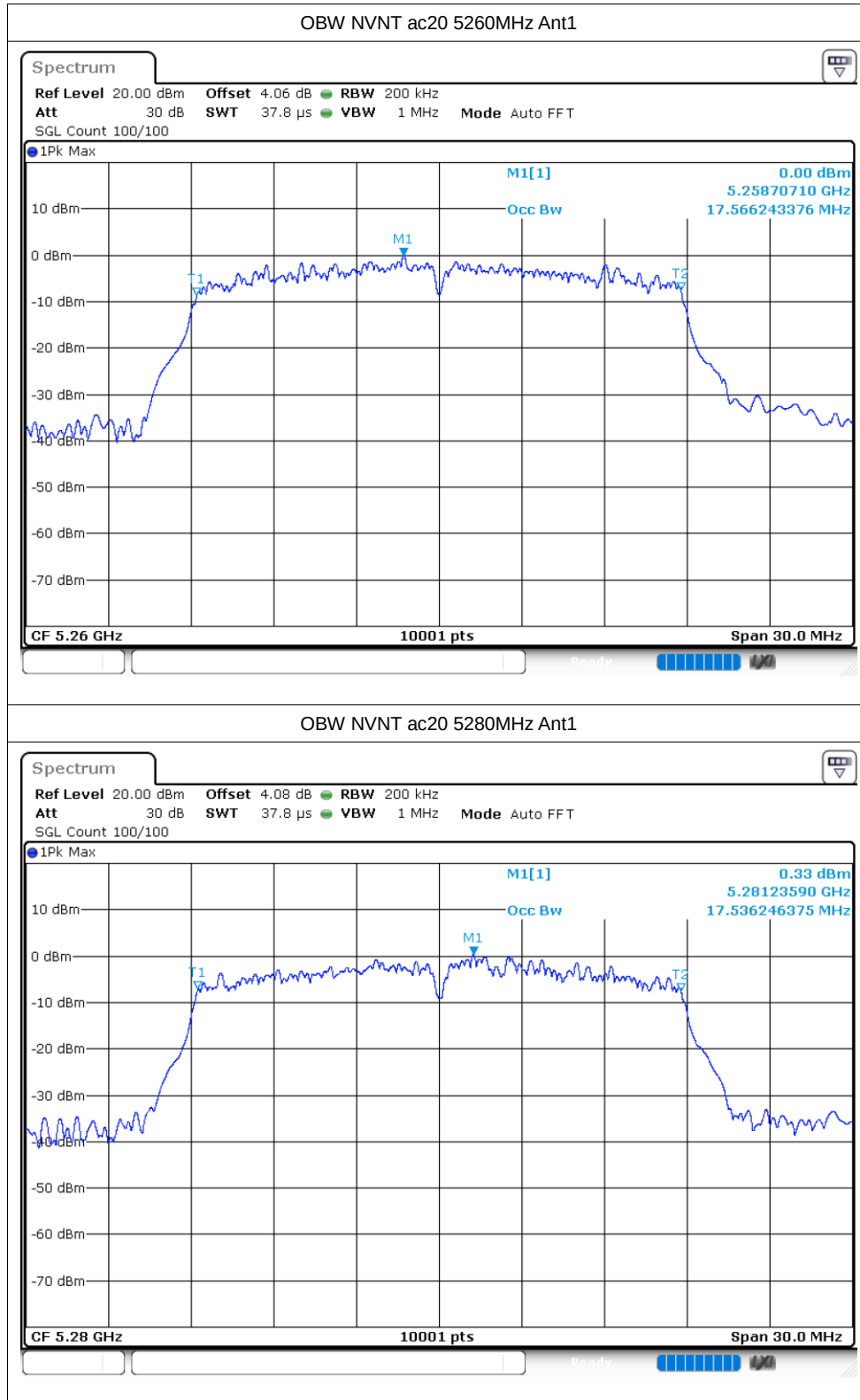
OBW NVNT a 5280MHz Ant1

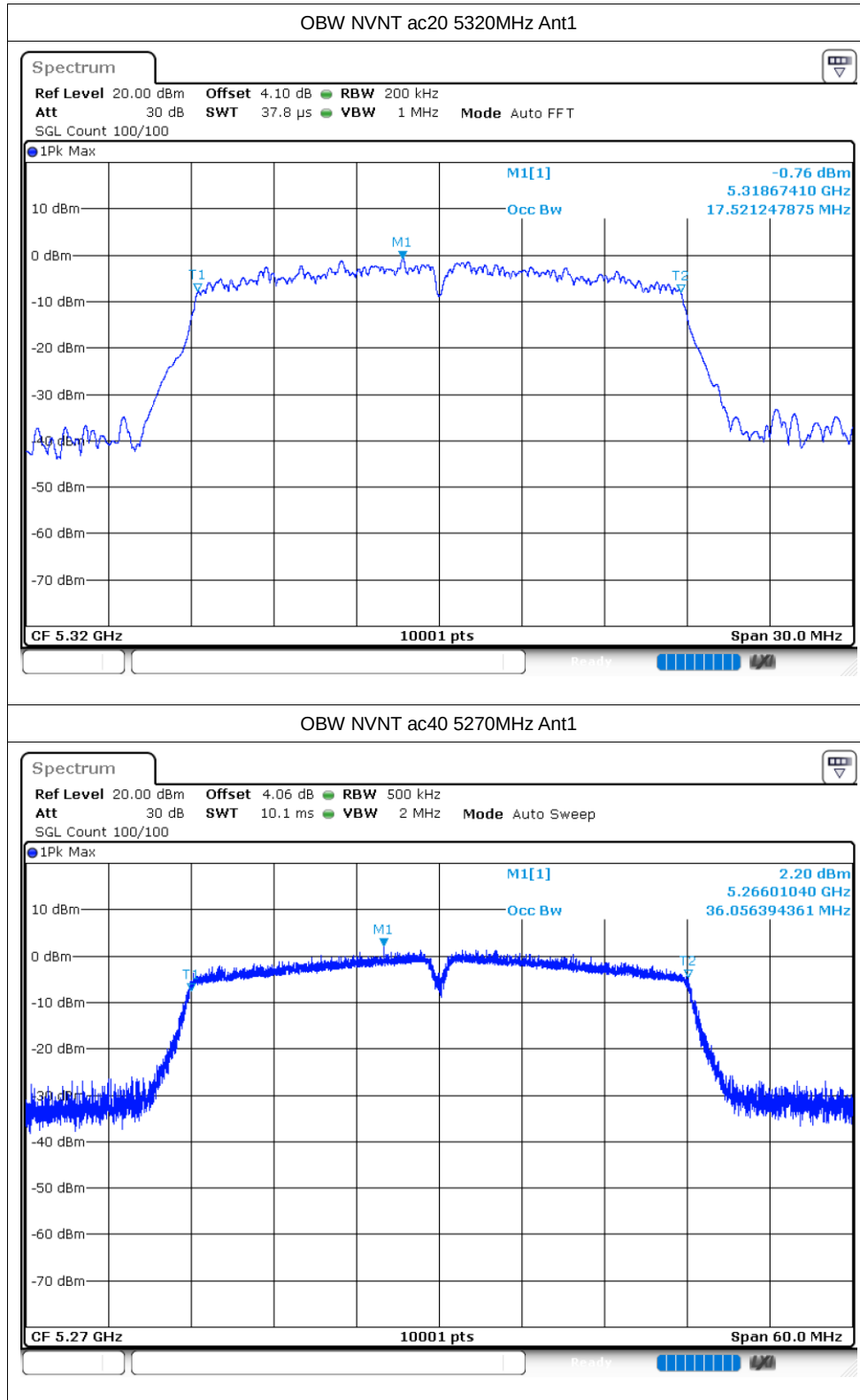


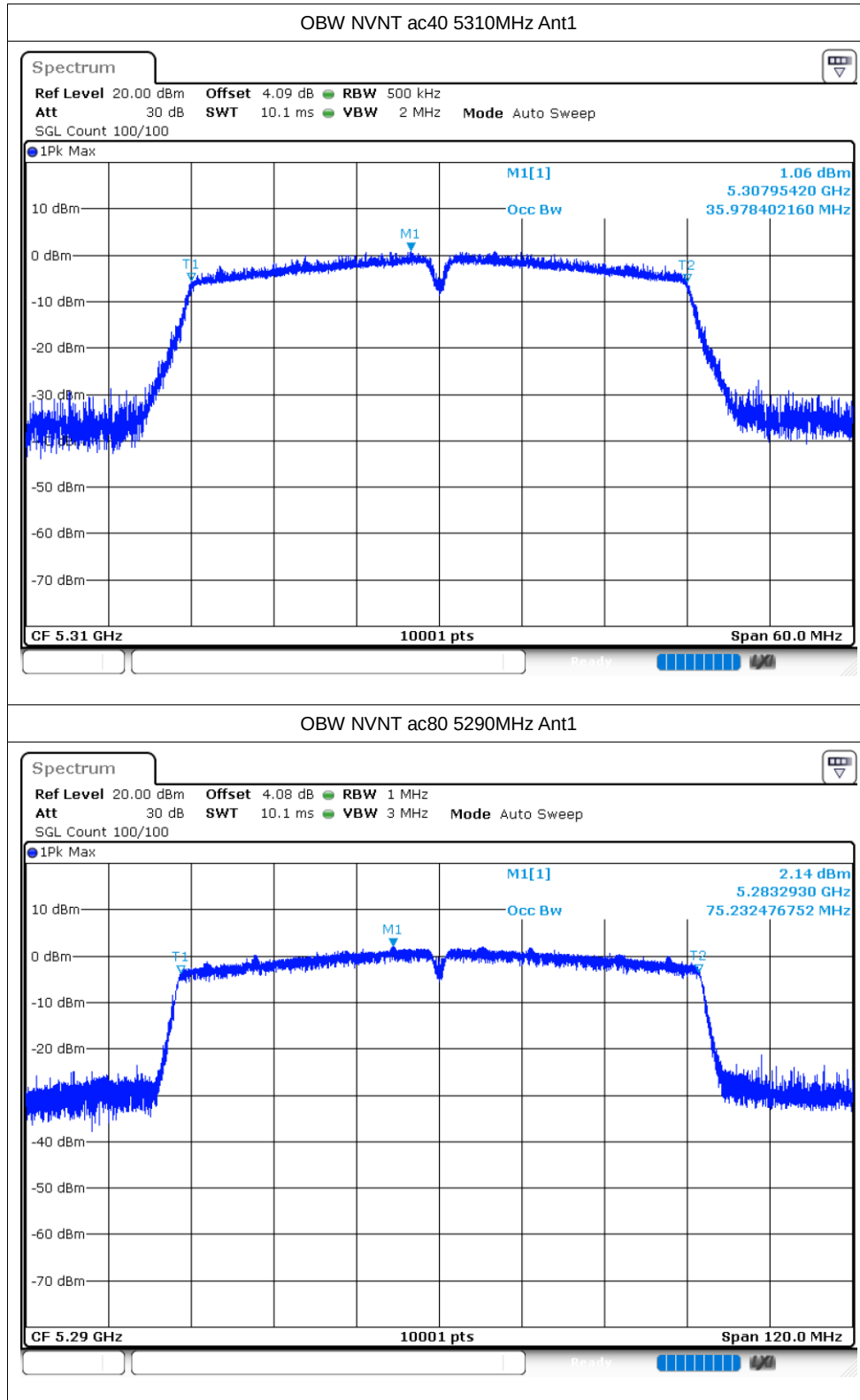










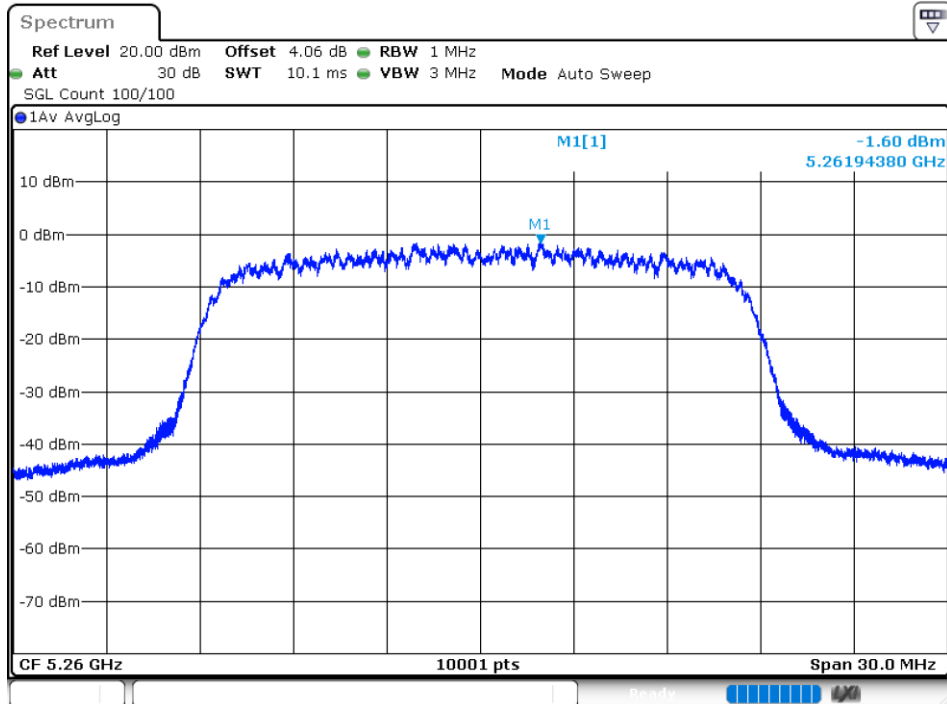


Maximum Power Spectral Density Level

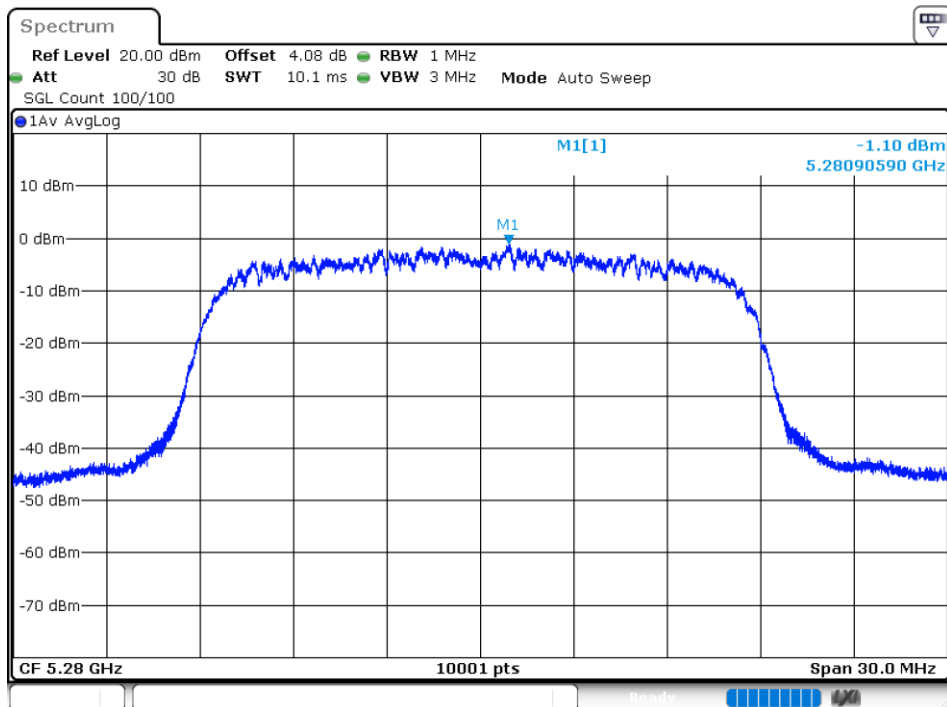
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-1.6	0.11	-1.49	11	Pass
NVNT	a	5280	Ant1	-1.1	0.11	-0.99	11	Pass
NVNT	a	5320	Ant1	-1.33	0.11	-1.22	11	Pass
NVNT	n20	5260	Ant1	-1.75	0.11	-1.64	11	Pass
NVNT	n20	5280	Ant1	-1.55	0.11	-1.44	11	Pass
NVNT	n20	5320	Ant1	-2.1	0.11	-1.99	11	Pass
NVNT	n40	5270	Ant1	-5.38	0.22	-5.16	11	Pass
NVNT	n40	5310	Ant1	-5.03	0.22	-4.81	11	Pass
NVNT	ac20	5260	Ant1	-1.64	0.11	-1.53	11	Pass
NVNT	ac20	5280	Ant1	-1.54	0.11	-1.43	11	Pass
NVNT	ac20	5320	Ant1	-1.91	0.11	-1.8	11	Pass
NVNT	ac40	5270	Ant1	-5.06	0.22	-4.84	11	Pass
NVNT	ac40	5310	Ant1	-6.5	0.22	-6.28	11	Pass
NVNT	ac80	5290	Ant1	-10.43	0.43	-10	11	Pass

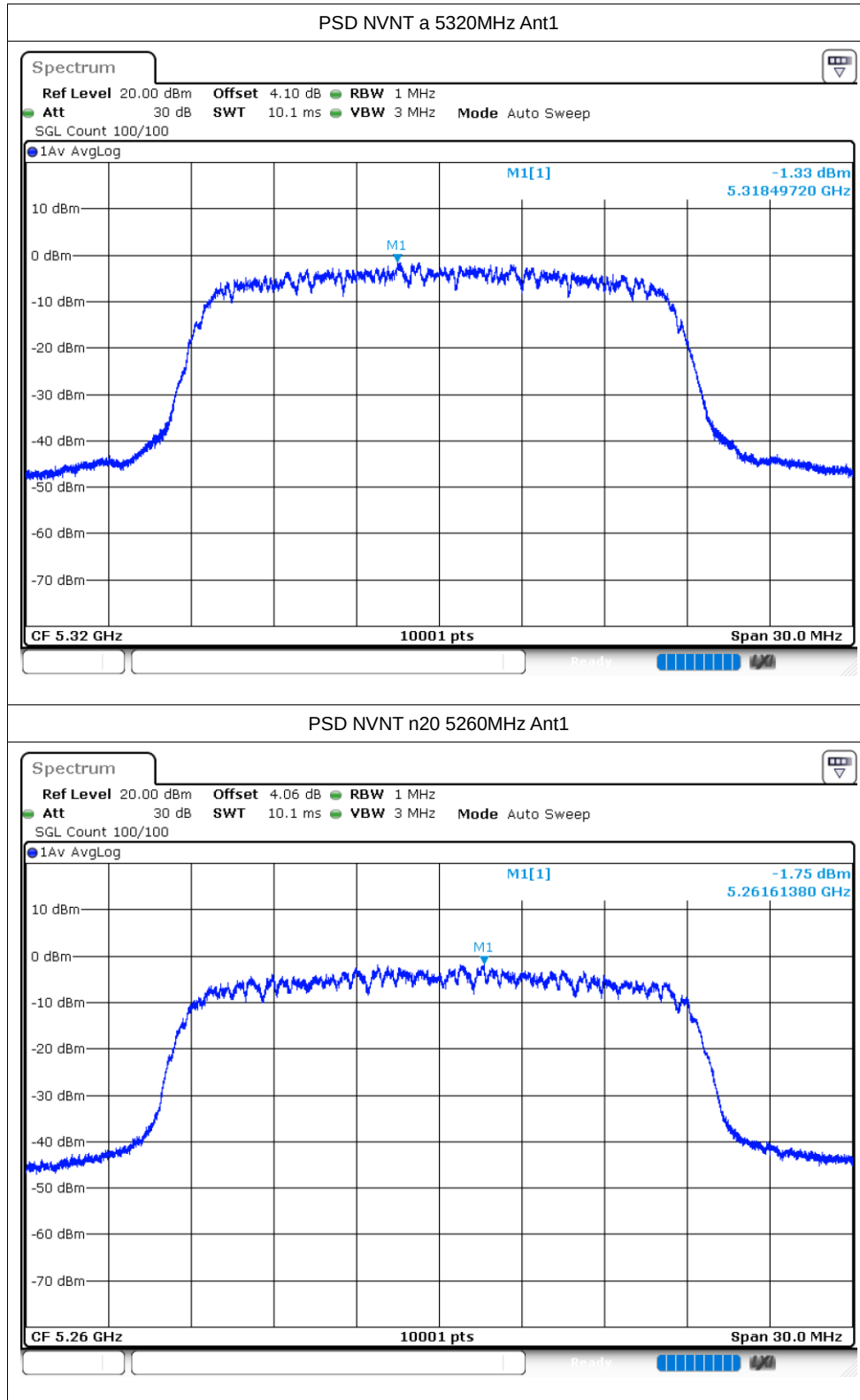
Test Graphs

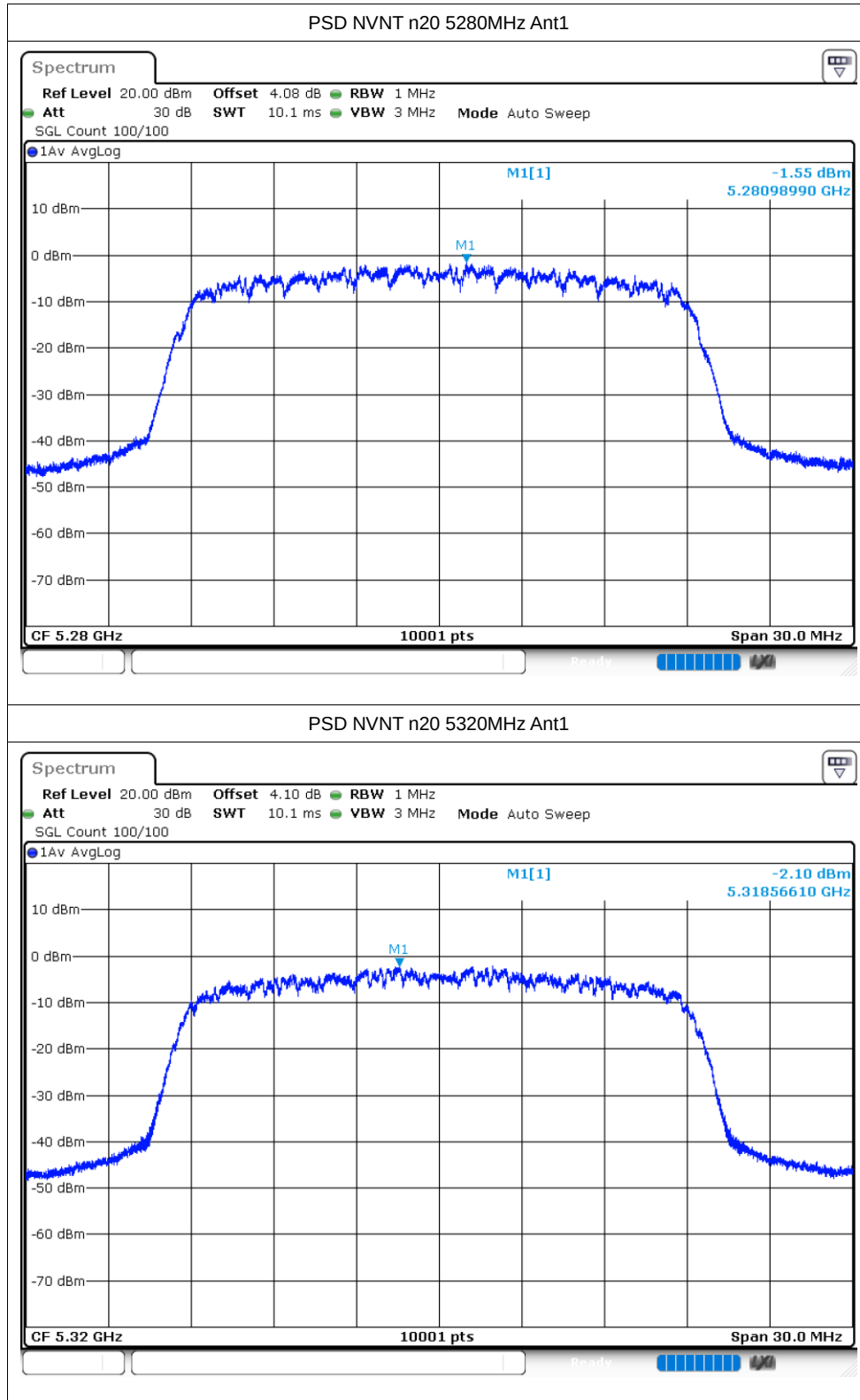
PSD NVNT a 5260MHz Ant1

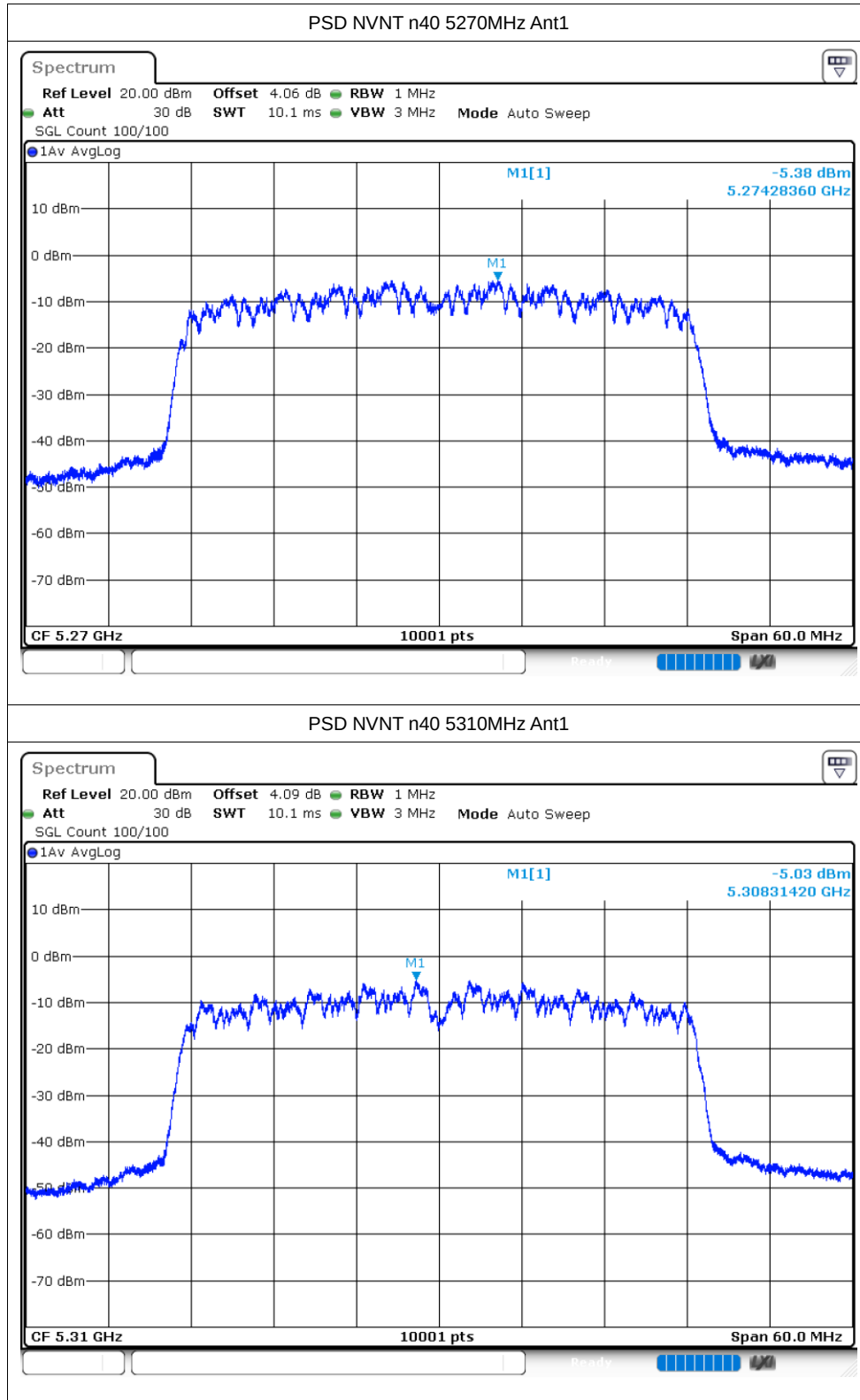


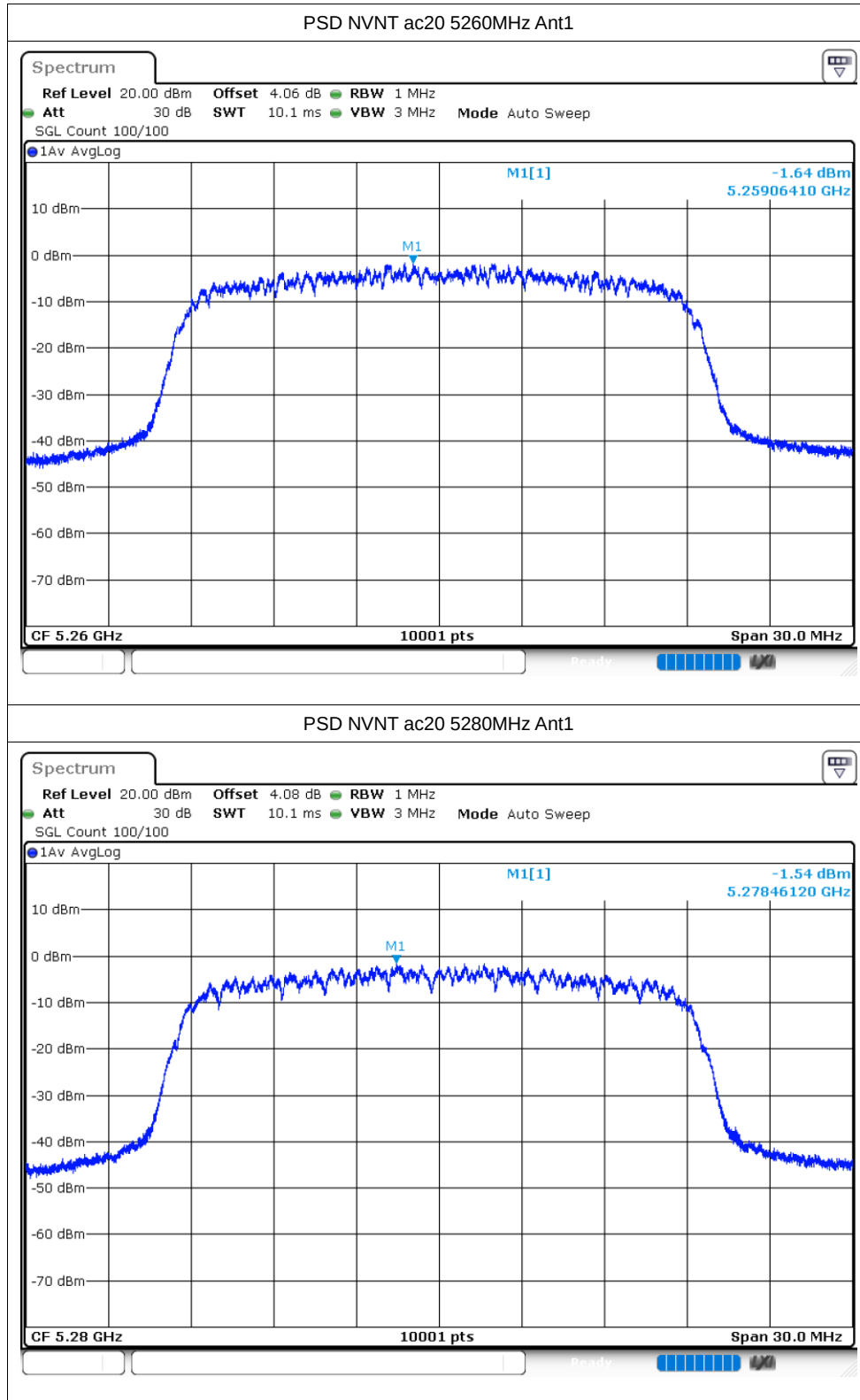
PSD NVNT a 5280MHz Ant1

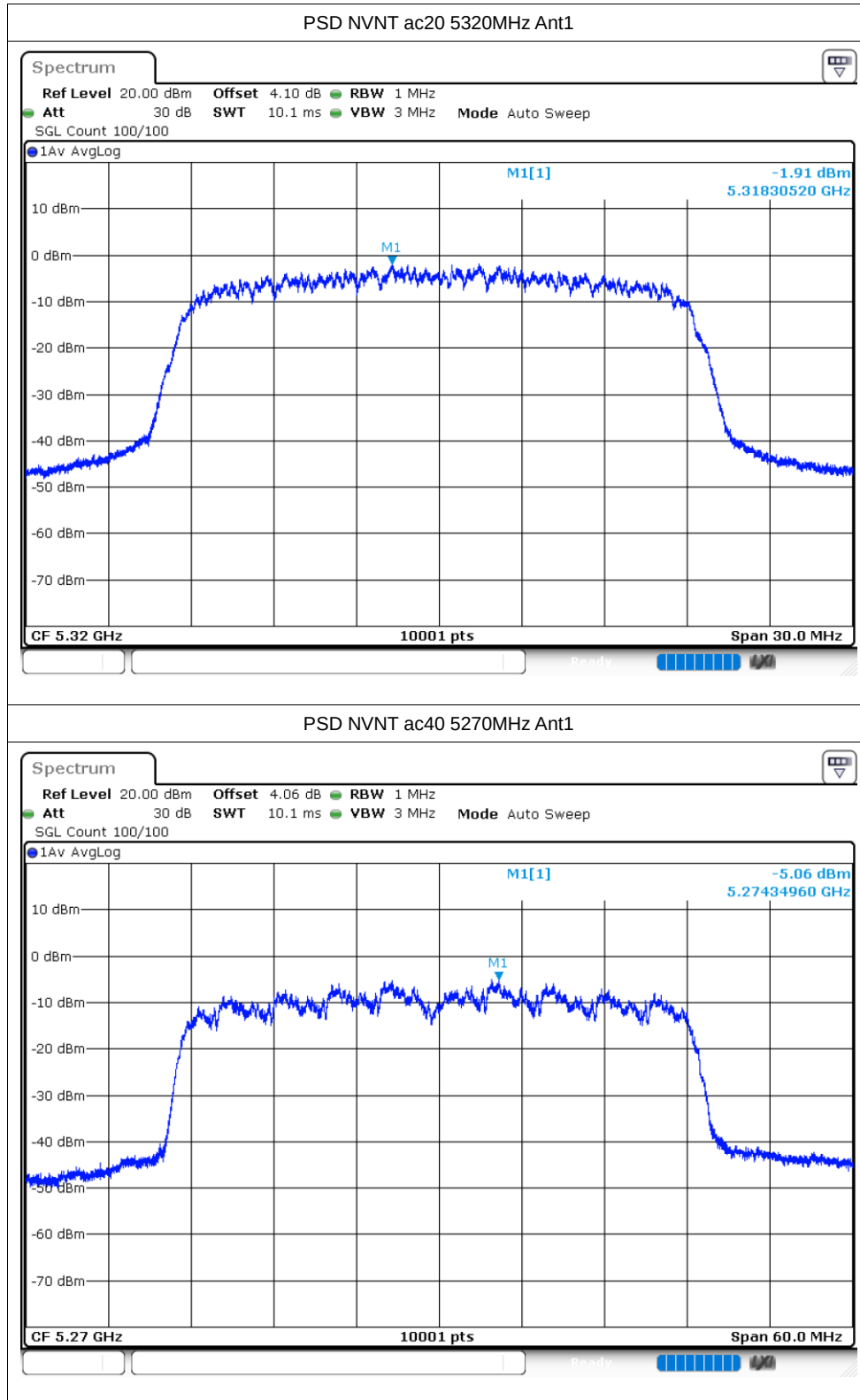


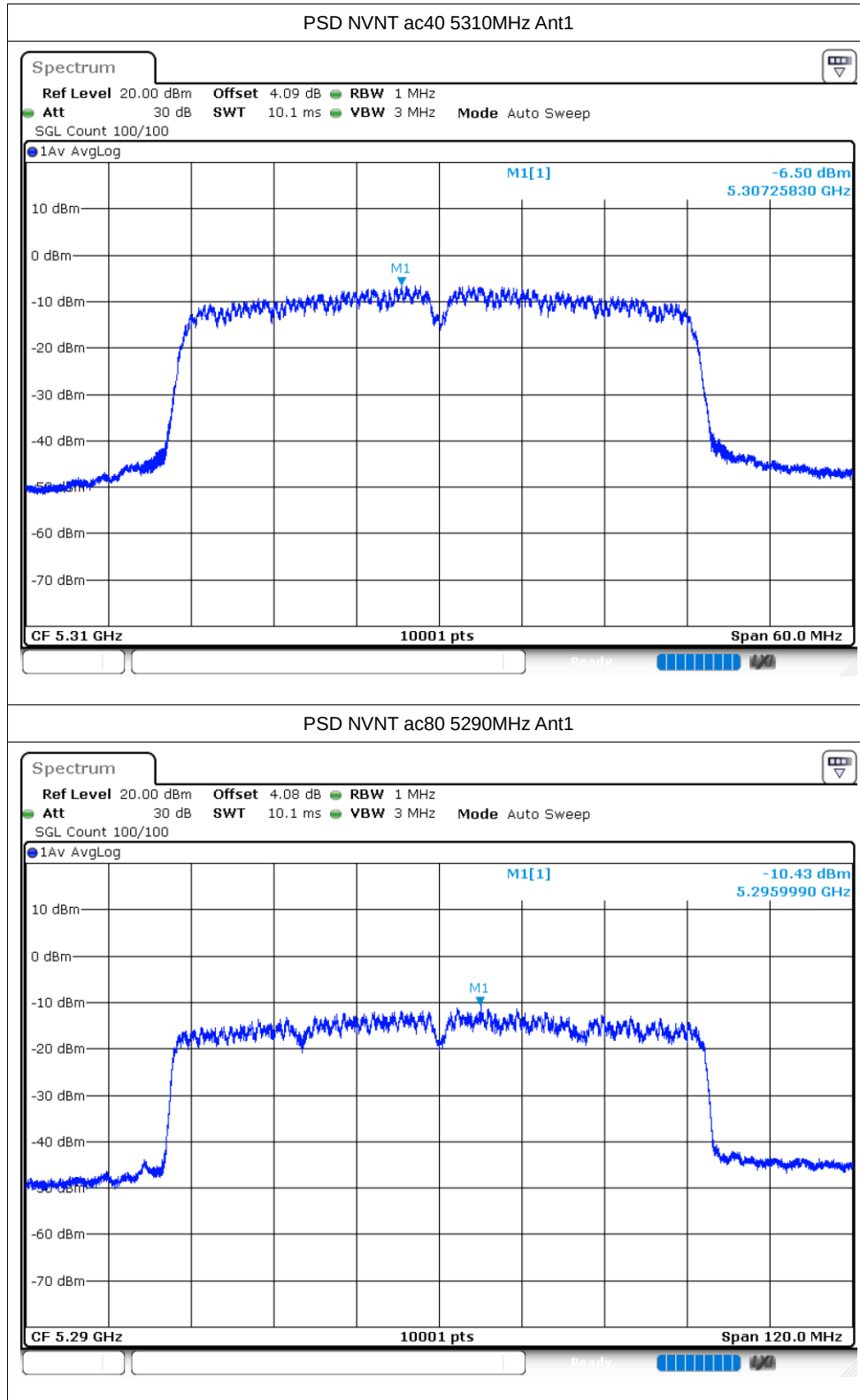










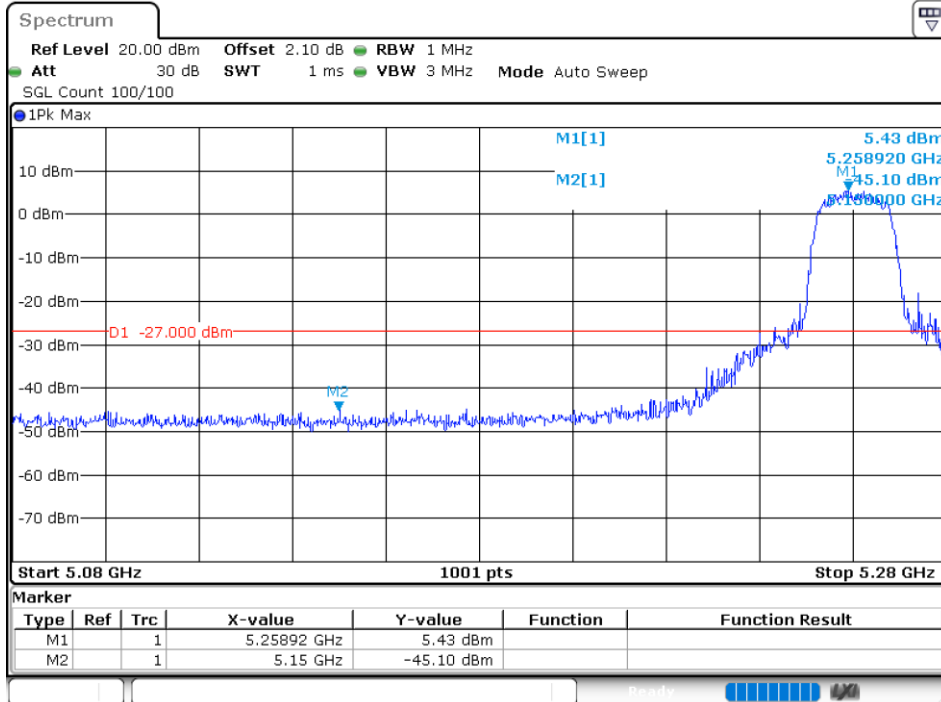


Band Edge

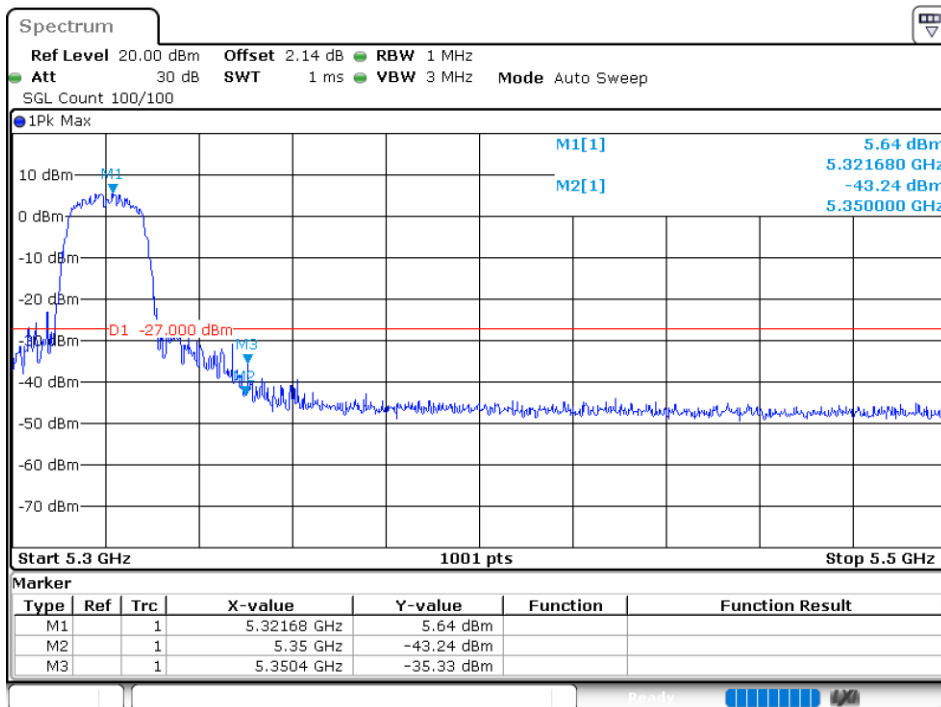
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-45.1	-27	Pass
NVNT	a	5320	Ant1	-35.33	-27	Pass
NVNT	n20	5260	Ant1	-45.17	-27	Pass
NVNT	n20	5320	Ant1	-32.64	-27	Pass
NVNT	n40	5270	Ant1	-44.5	-27	Pass
NVNT	n40	5310	Ant1	-32.73	-27	Pass
NVNT	ac20	5260	Ant1	-44.79	-27	Pass
NVNT	ac20	5320	Ant1	-31.73	-27	Pass
NVNT	ac40	5270	Ant1	-45.63	-27	Pass
NVNT	ac40	5310	Ant1	-30.29	-27	Pass
NVNT	ac80	5290	Ant1	-30.1	-27	Pass
NVNT	ac80	5290	Ant1	-44.68	-27	Pass

Test Graphs

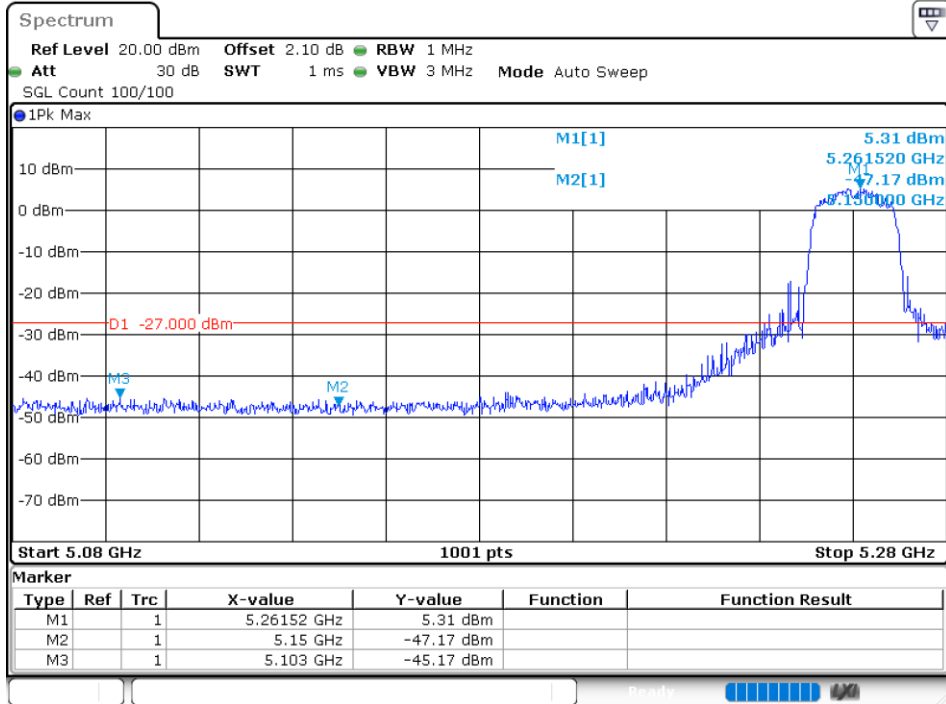
Band Edge NVNT a 5260MHz Low Ant1



Band Edge NVNT a 5320MHz High Ant1



Band Edge NVNT n20 5260MHz Low Ant1



Band Edge NVNT n20 5320MHz High Ant1

