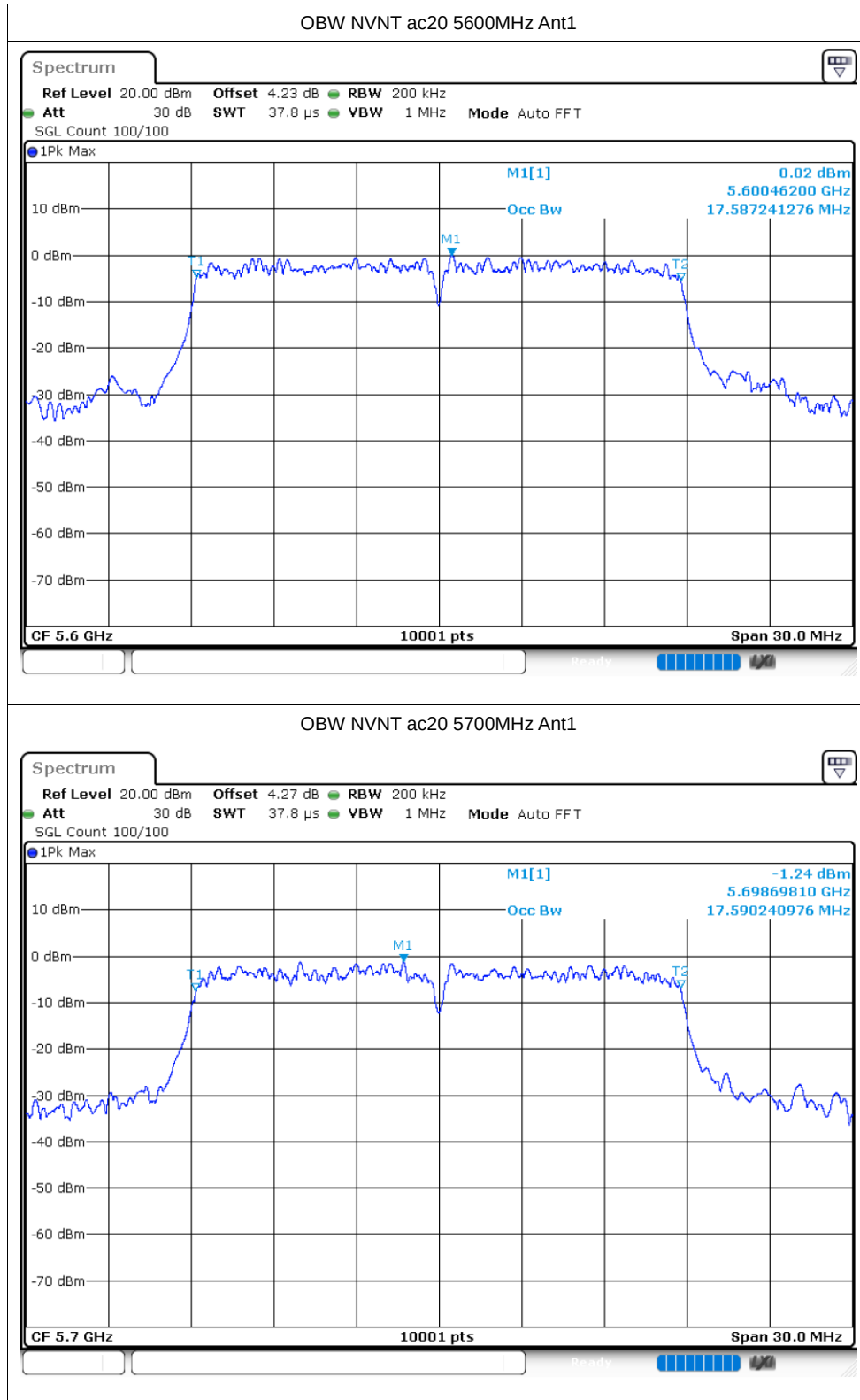
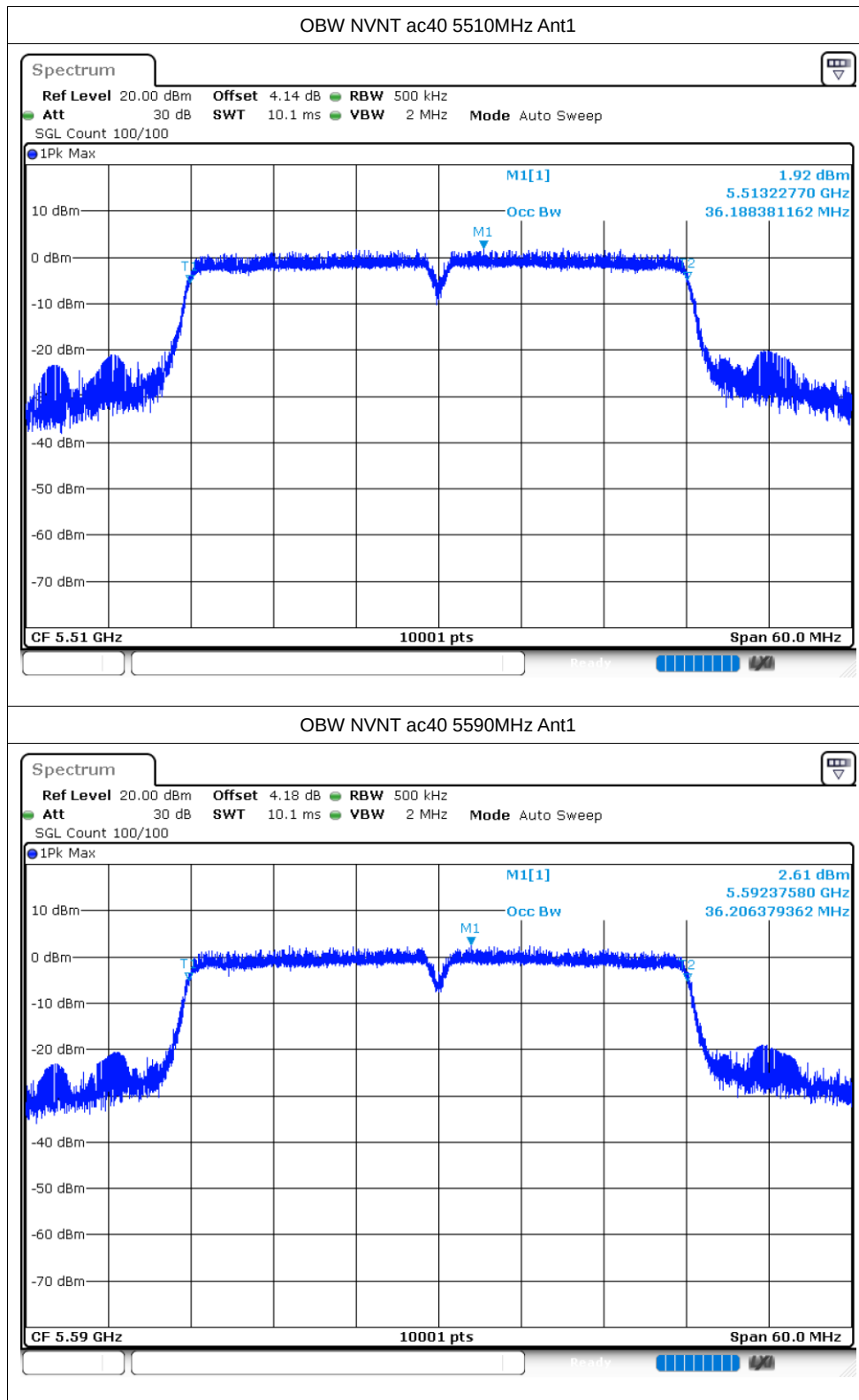
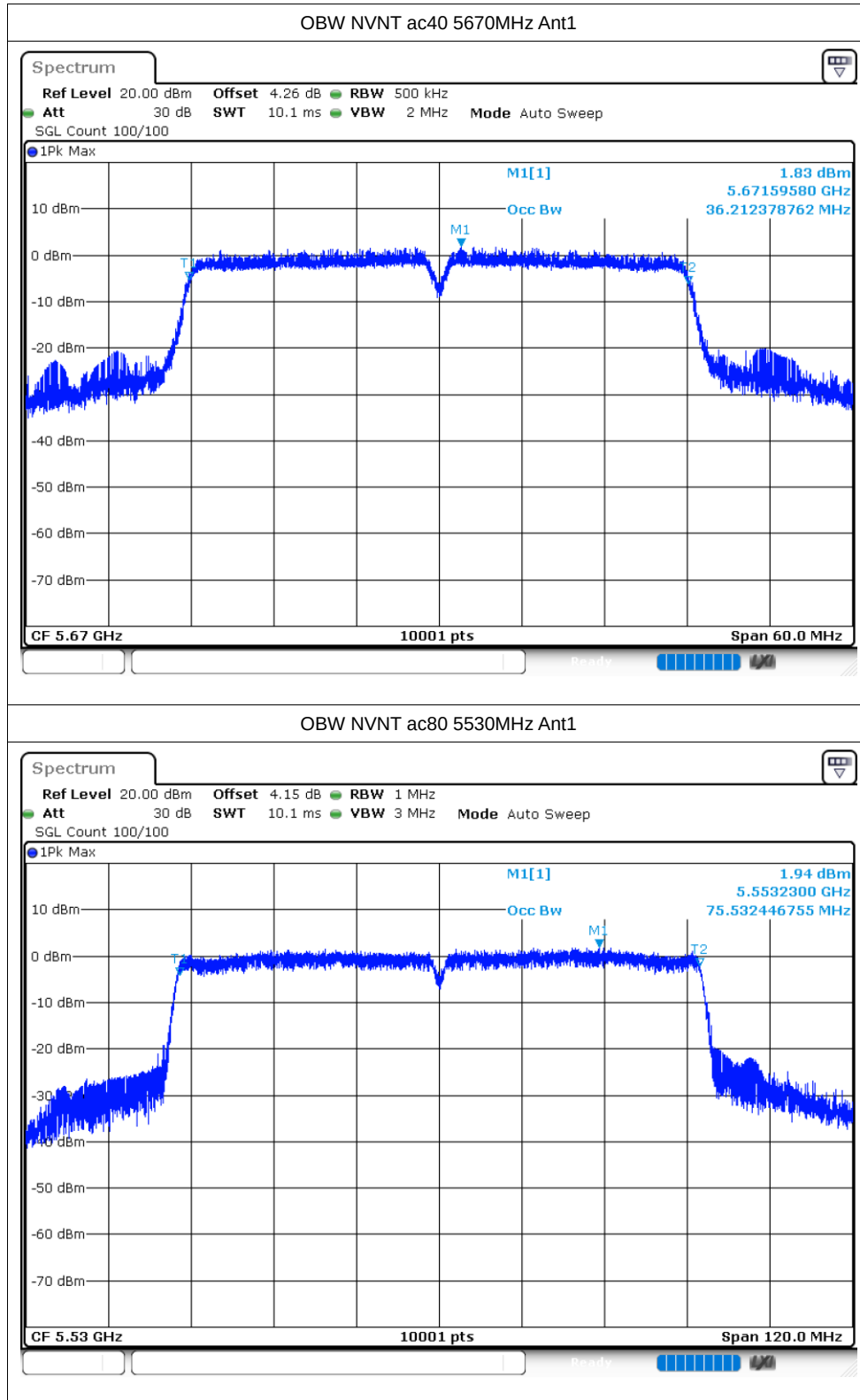
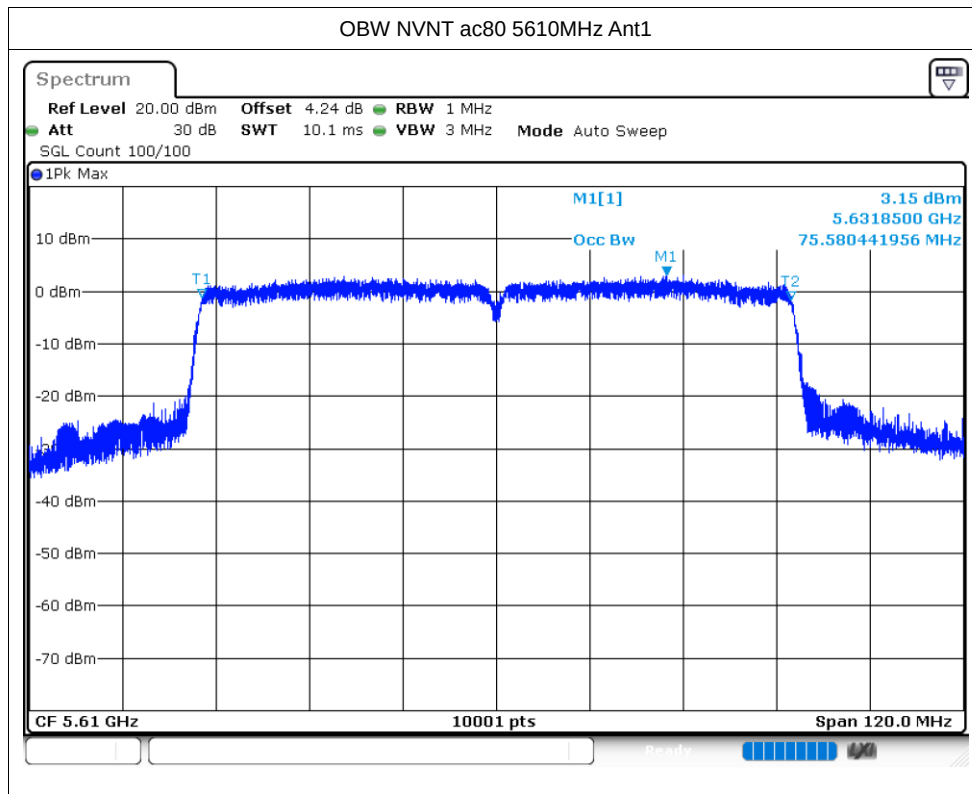








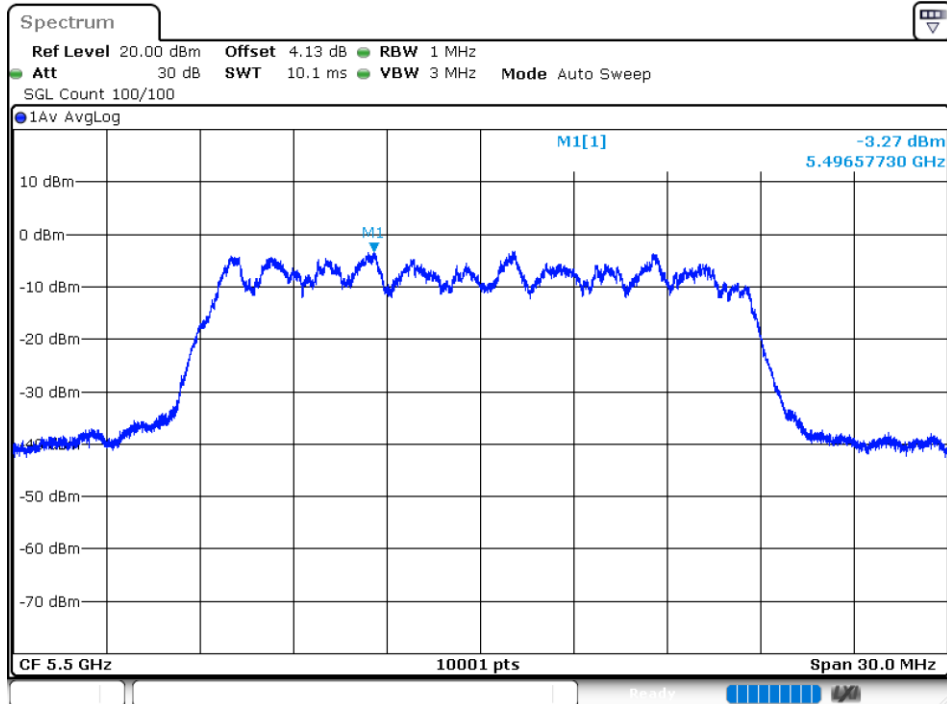


Maximum Power Spectral Density Level

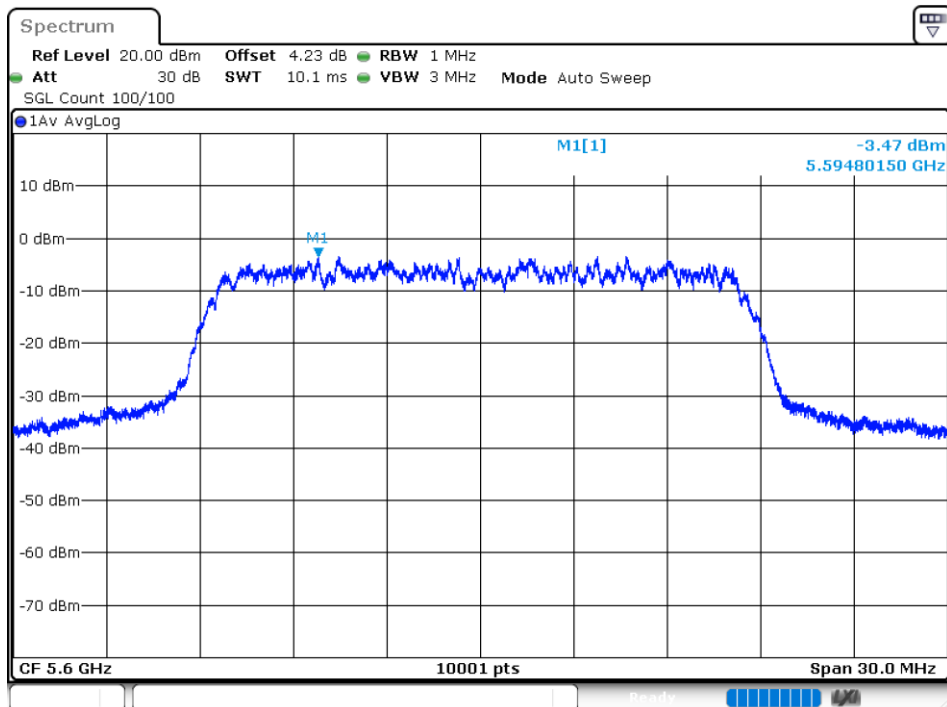
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-3.27	0.53	-2.74	11	Pass
NVNT	a	5600	Ant1	-3.47	0.52	-2.95	11	Pass
NVNT	a	5700	Ant1	-4.85	0.53	-4.32	11	Pass
NVNT	n20	5500	Ant1	-5.08	0.58	-4.5	11	Pass
NVNT	n20	5600	Ant1	-5.21	0.61	-4.6	11	Pass
NVNT	n20	5700	Ant1	-5.75	0.6	-5.15	11	Pass
NVNT	n40	5510	Ant1	-13.63	1.14	-12.49	11	Pass
NVNT	n40	5590	Ant1	-13.5	1.16	-12.34	11	Pass
NVNT	n40	5670	Ant1	-12.62	1.14	-11.48	11	Pass
NVNT	ac20	5500	Ant1	-4.75	0.61	-4.14	11	Pass
NVNT	ac20	5600	Ant1	-4.26	0.6	-3.66	11	Pass
NVNT	ac20	5700	Ant1	-2.89	0.6	-2.29	11	Pass
NVNT	ac40	5510	Ant1	-13.22	1.15	-12.07	11	Pass
NVNT	ac40	5590	Ant1	-13.06	1.15	-11.91	11	Pass
NVNT	ac40	5670	Ant1	-12.33	1.14	-11.19	11	Pass
NVNT	ac80	5530	Ant1	-21.06	1.96	-19.1	11	Pass
NVNT	ac80	5610	Ant1	-20.06	1.97	-18.09	11	Pass

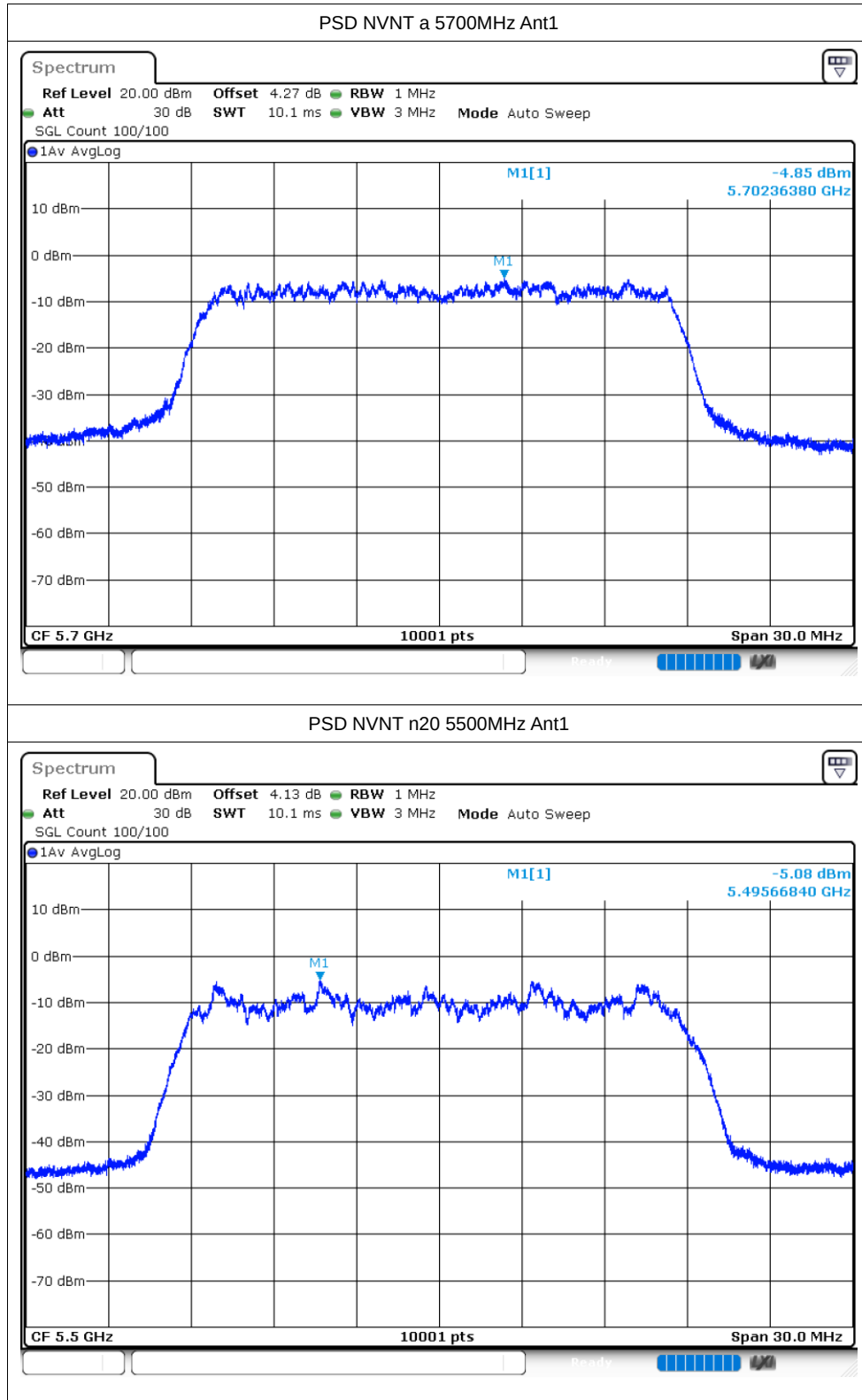
Test Graphs

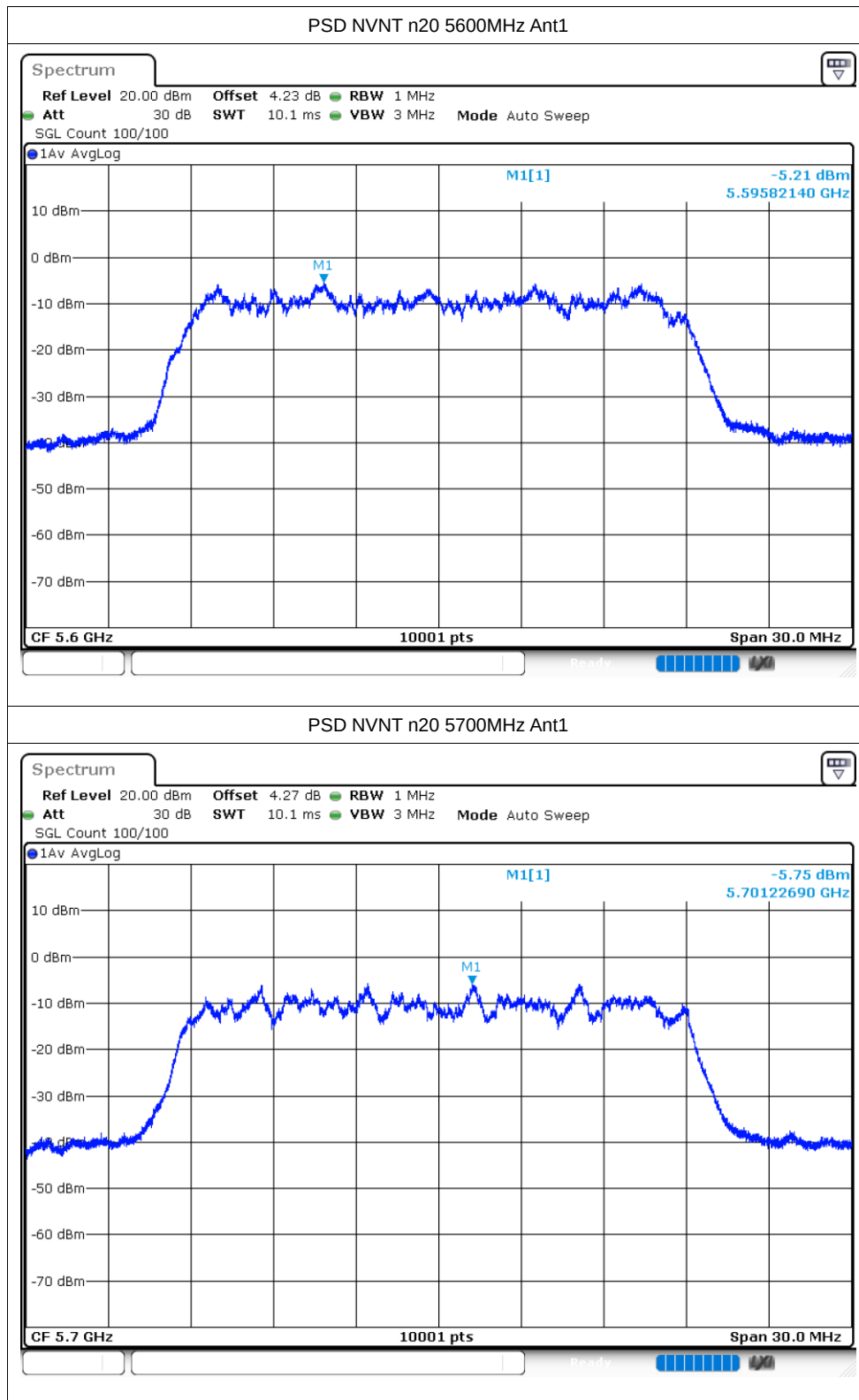
PSD NVNT a 5500MHz Ant1

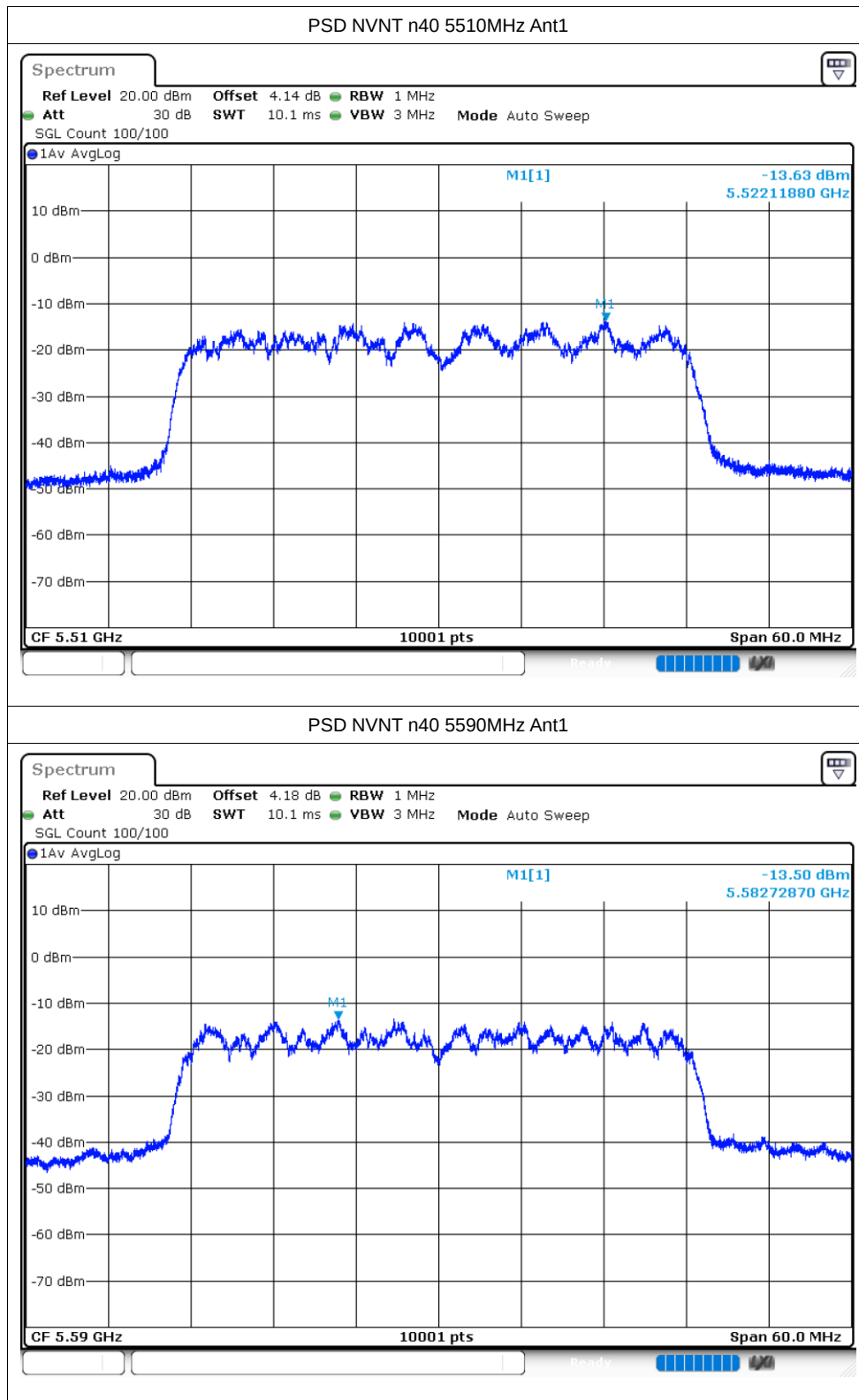


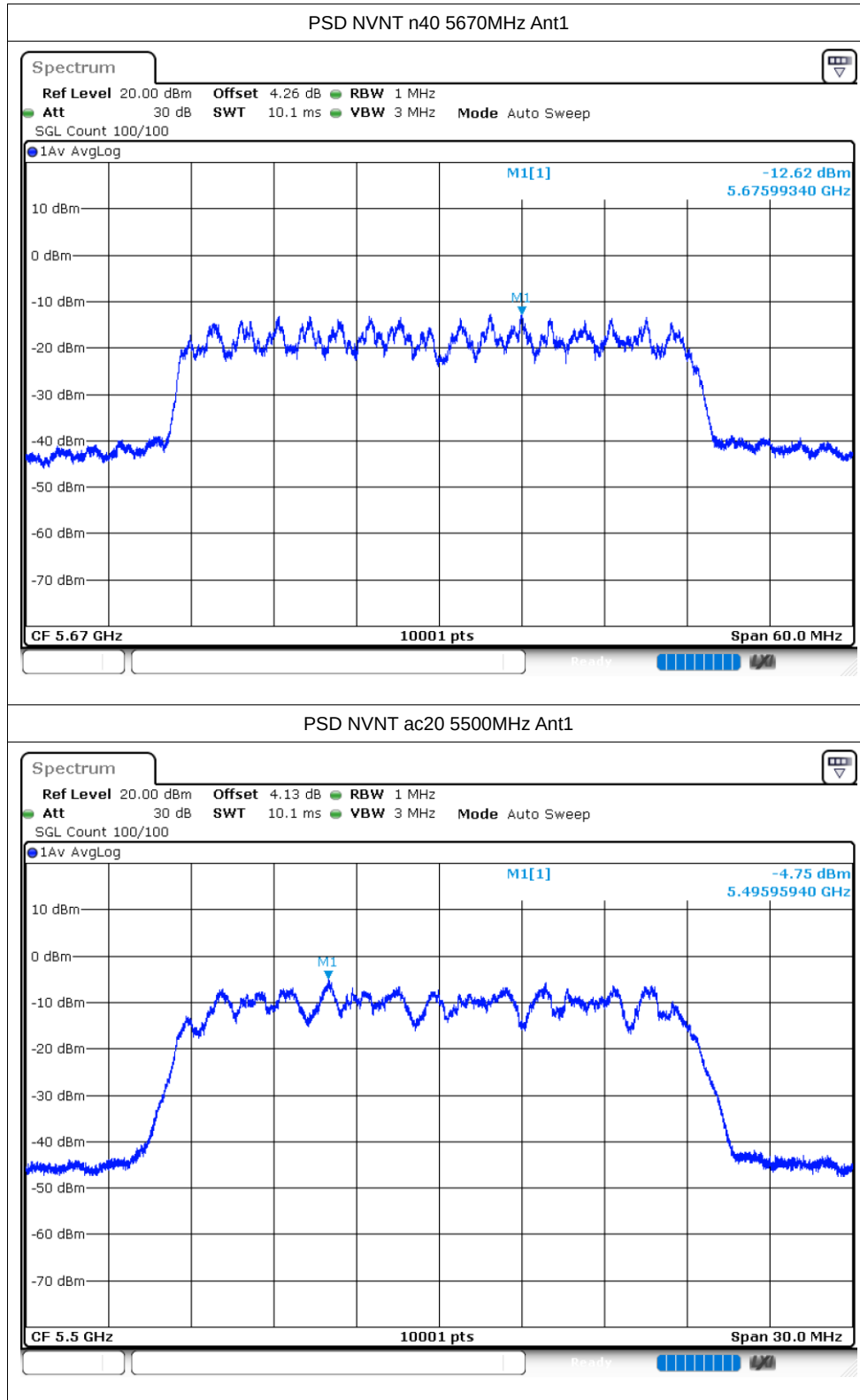
PSD NVNT a 5600MHz Ant1

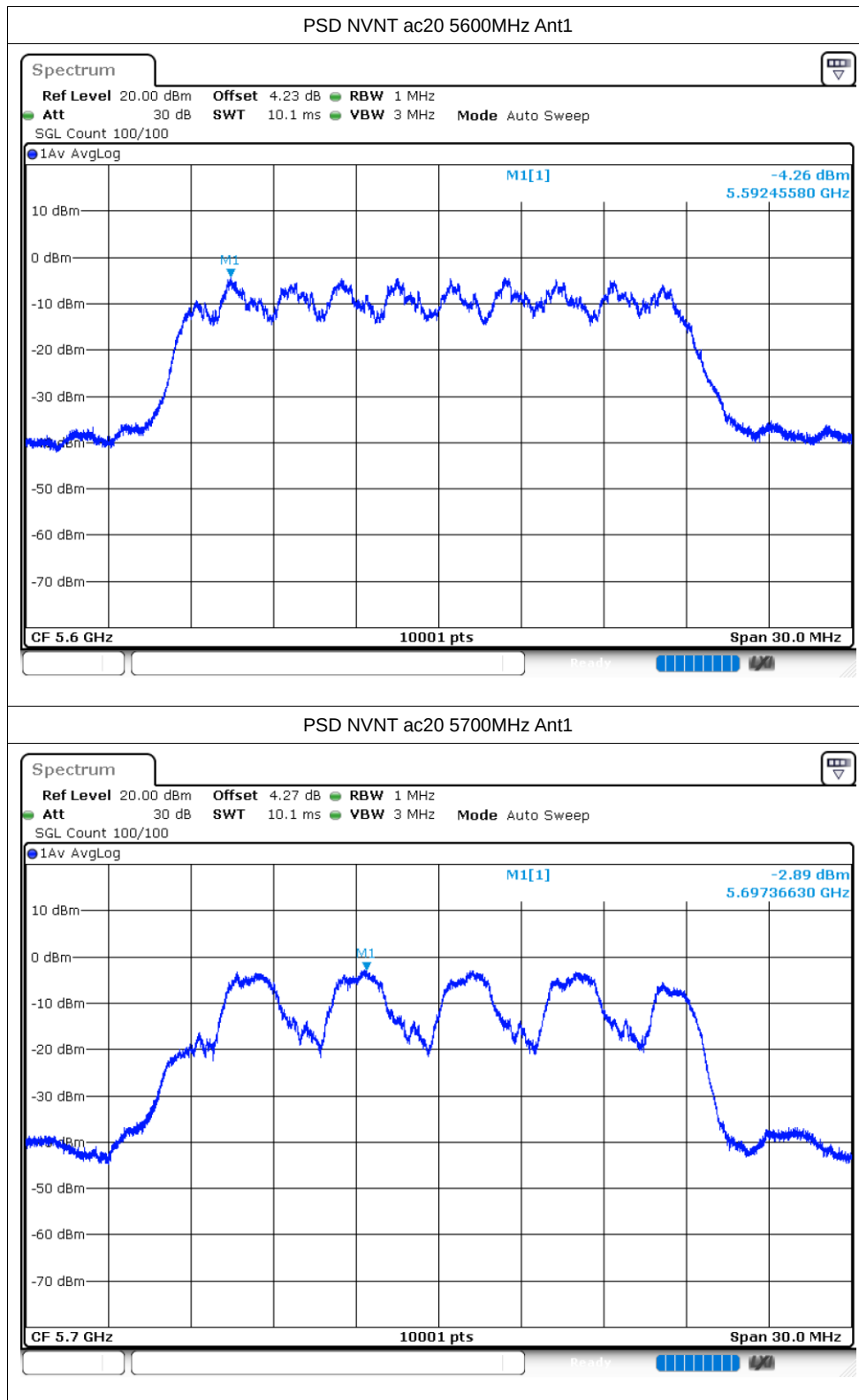


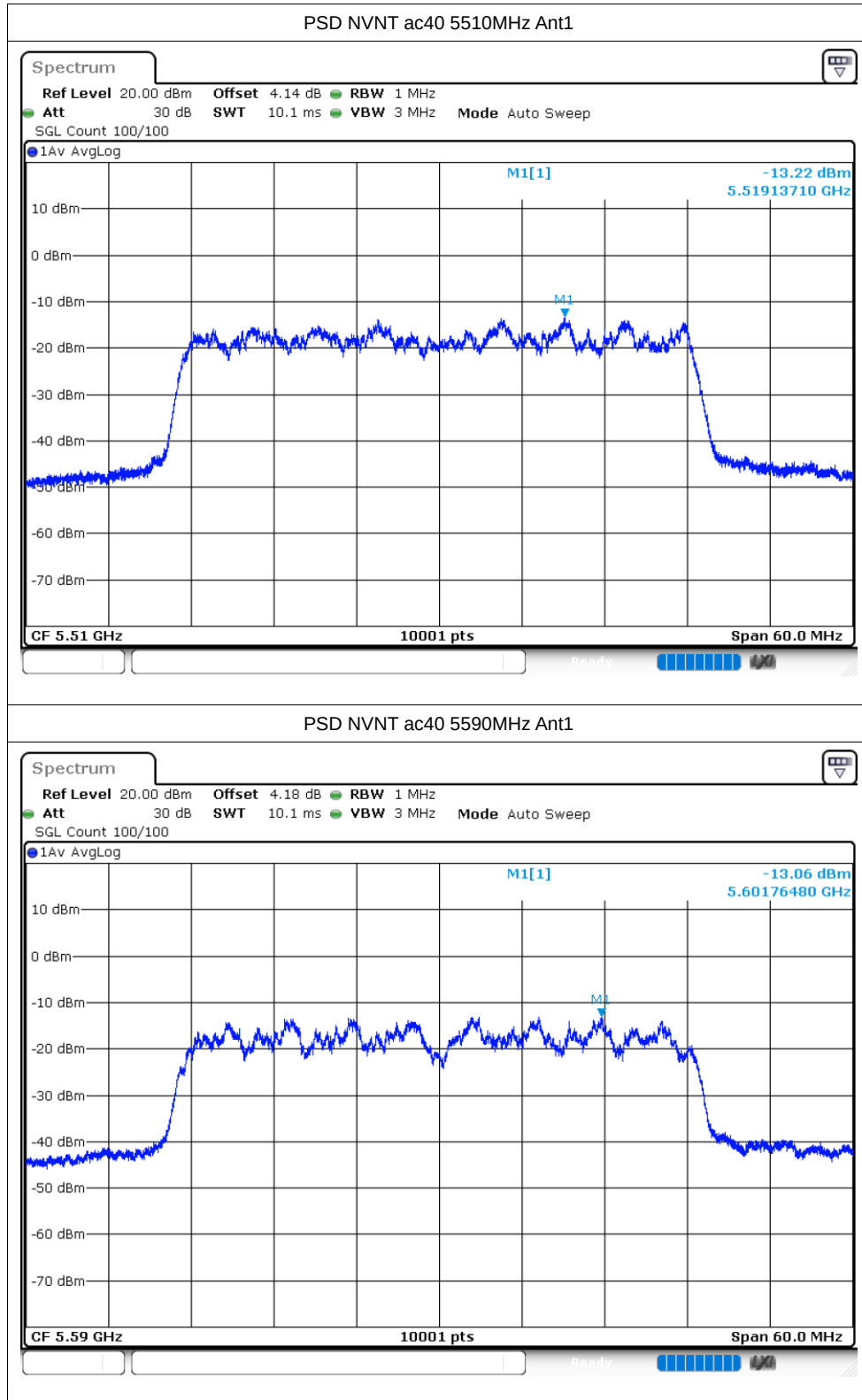


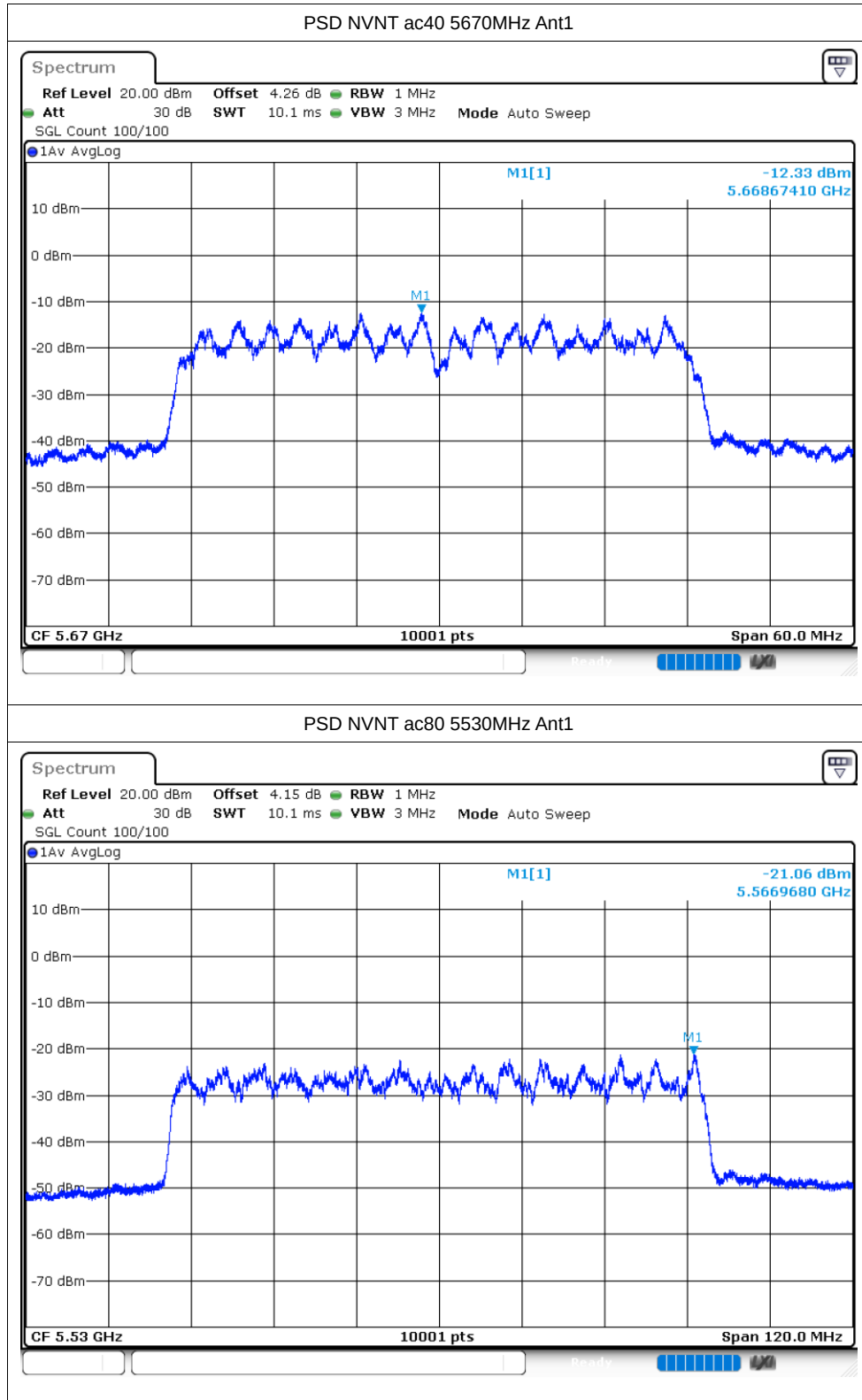


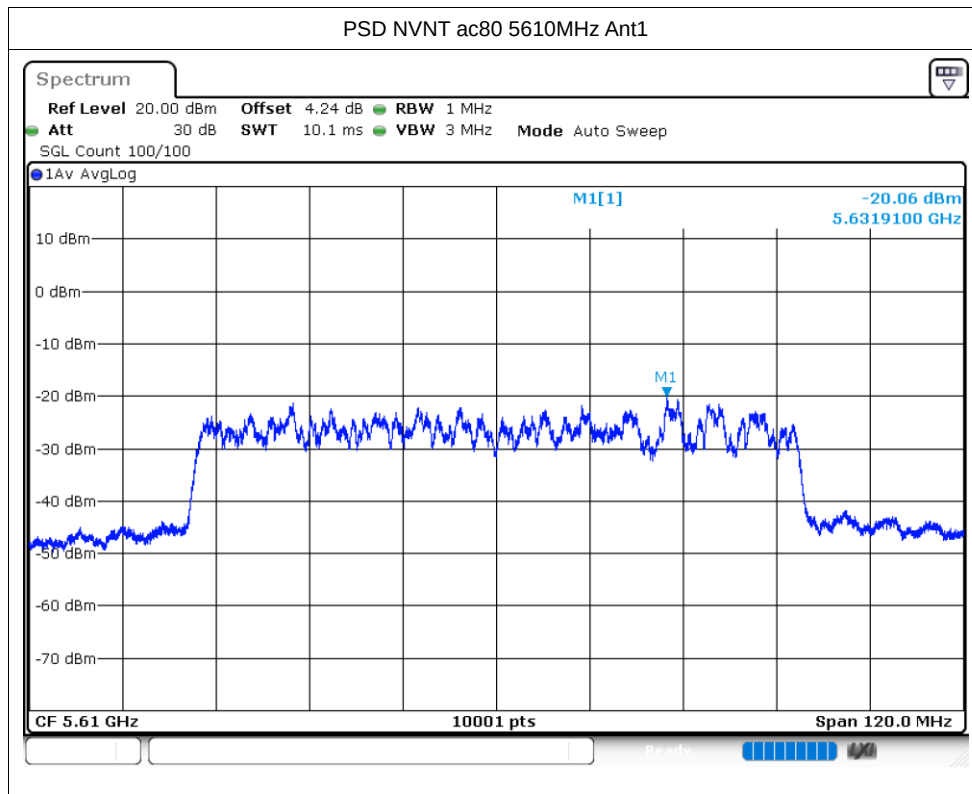












Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-33.55	-27	Pass
NVNT	a	5700	Ant1	-27.52	-27	Pass
NVNT	n20	5500	Ant1	-29.86	-27	Pass
NVNT	n20	5700	Ant1	-28.62	-27	Pass
NVNT	n40	5510	Ant1	-27.1	-27	Pass
NVNT	n40	5670	Ant1	-36.93	-27	Pass
NVNT	ac20	5500	Ant1	-31.13	-27	Pass
NVNT	ac20	5700	Ant1	-32.1	-27	Pass
NVNT	ac40	5510	Ant1	-31.95	-27	Pass
NVNT	ac40	5670	Ant1	-36.98	-27	Pass
NVNT	ac80	5530	Ant1	-33.39	-27	Pass
NVNT	ac80	5610	Ant1	-38.17	-27	Pass

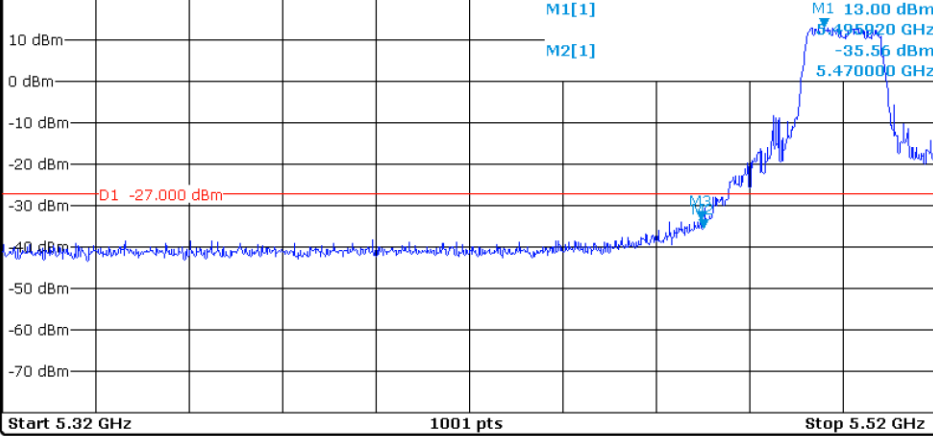
Test Graphs

Band Edge NVNT a 5500MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 8.30 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

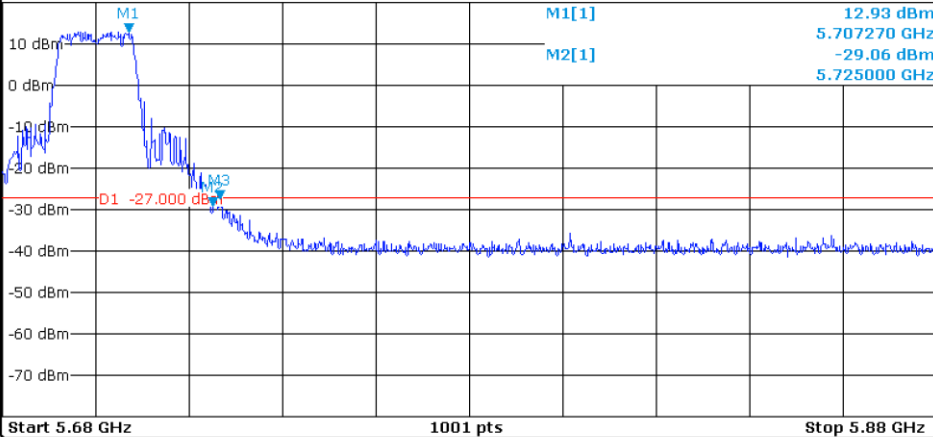
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.49592 GHz	13.00 dBm		
M2	1		5.47 GHz	-35.56 dBm		
M3	1		5.4696 GHz	-33.55 dBm		

Band Edge NVNT a 5700MHz High Ant1

Spectrum

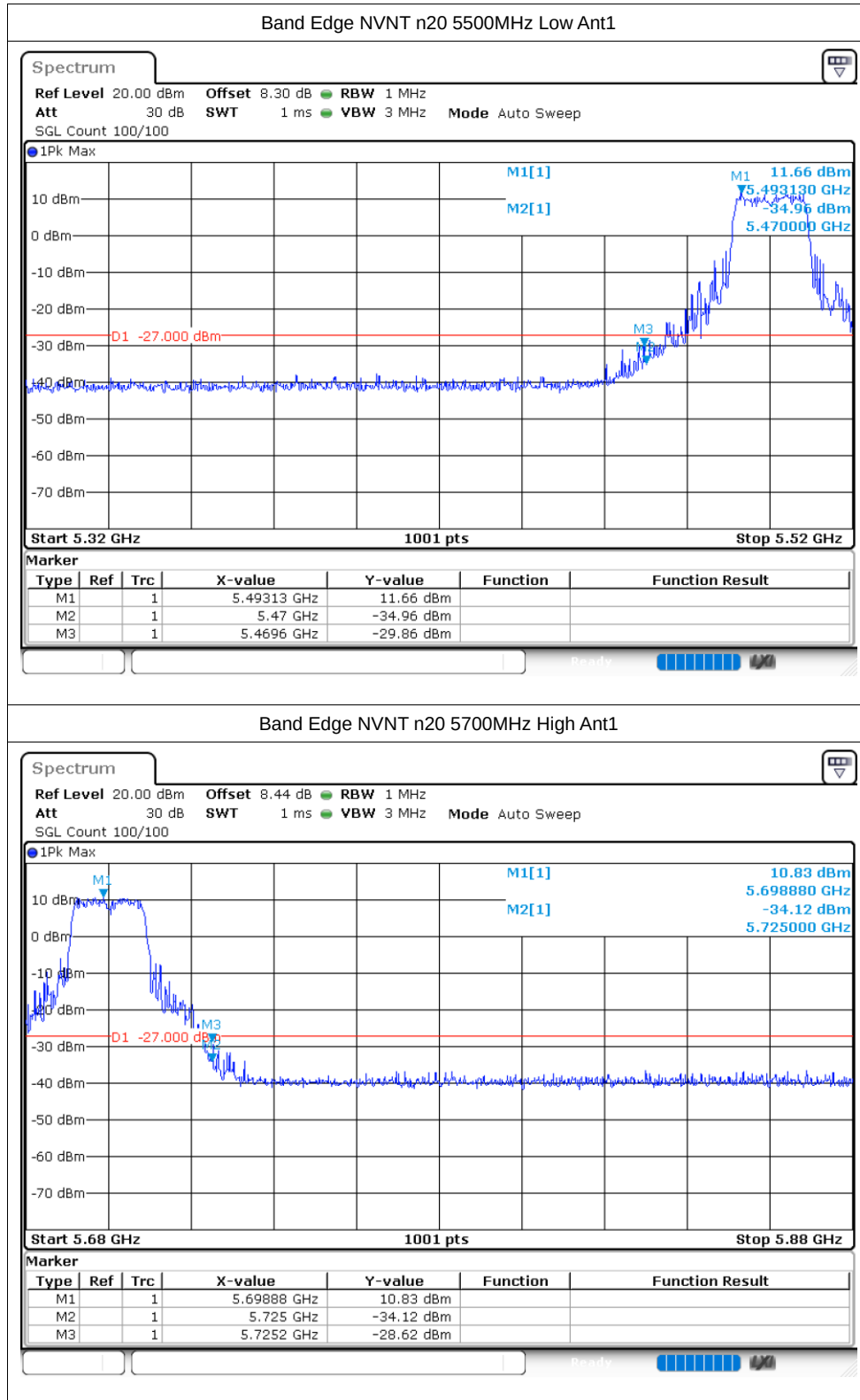
Ref Level 20.00 dBm Offset 8.44 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.70727 GHz	12.93 dBm		
M2	1		5.725 GHz	-29.06 dBm		
M3	1		5.7266 GHz	-27.53 dBm		

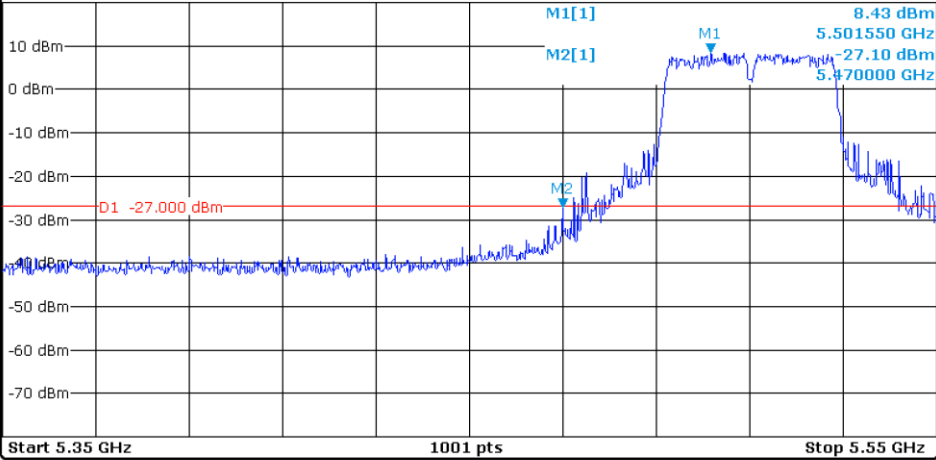


Band Edge NVNT n40 5510MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 8.31 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

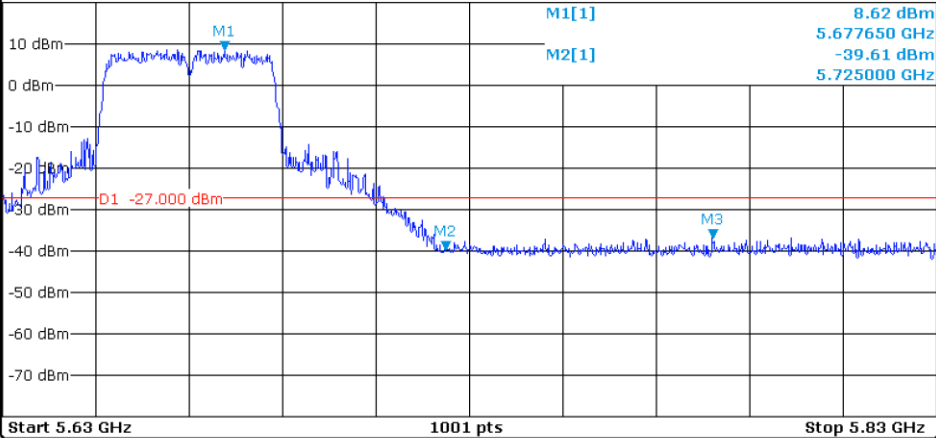
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.50155 GHz	8.43 dBm		
M2		1	5.47 GHz	-27.10 dBm		

Band Edge NVNT n40 5670MHz High Ant1

Spectrum

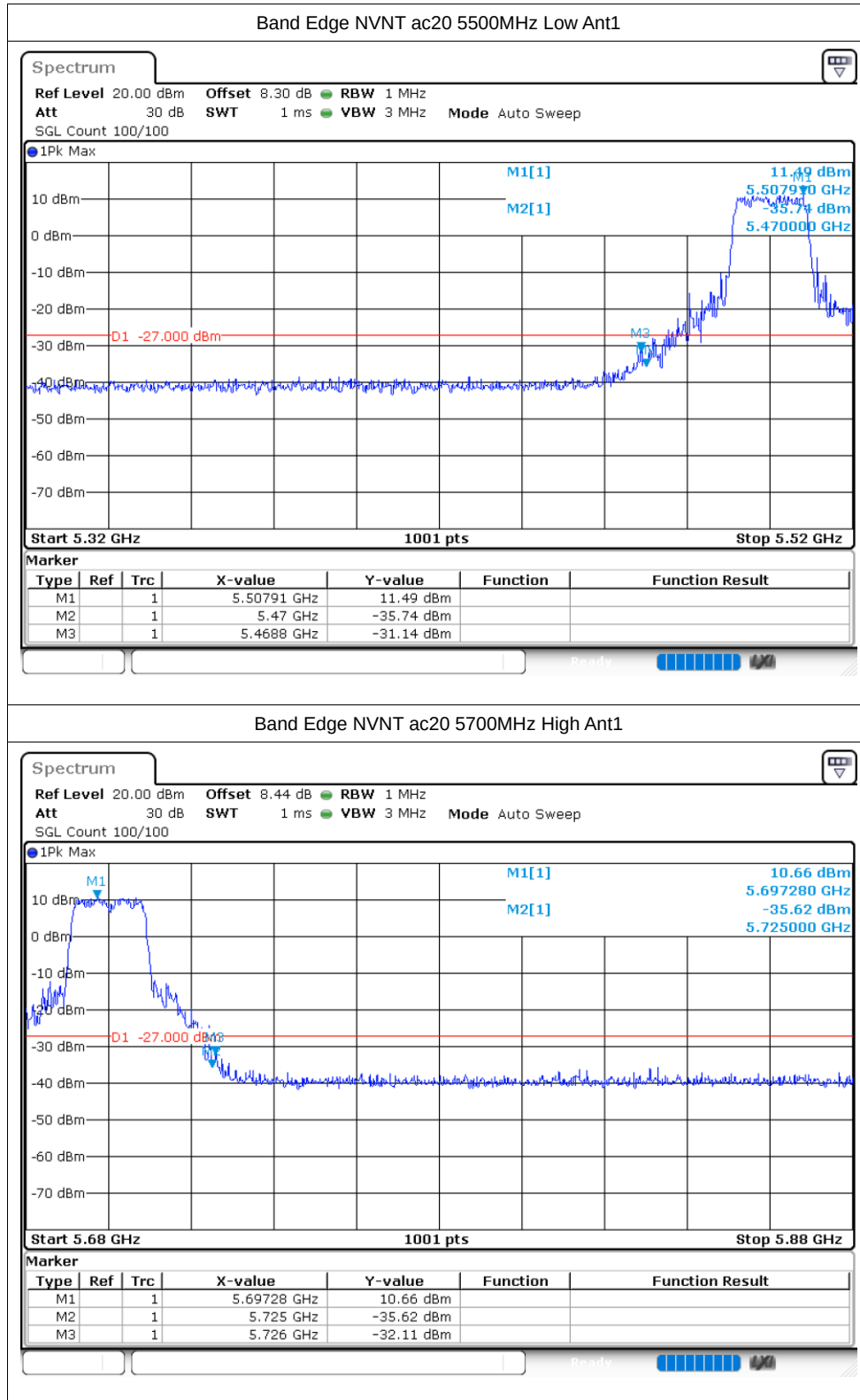
Ref Level 20.00 dBm Offset 8.43 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

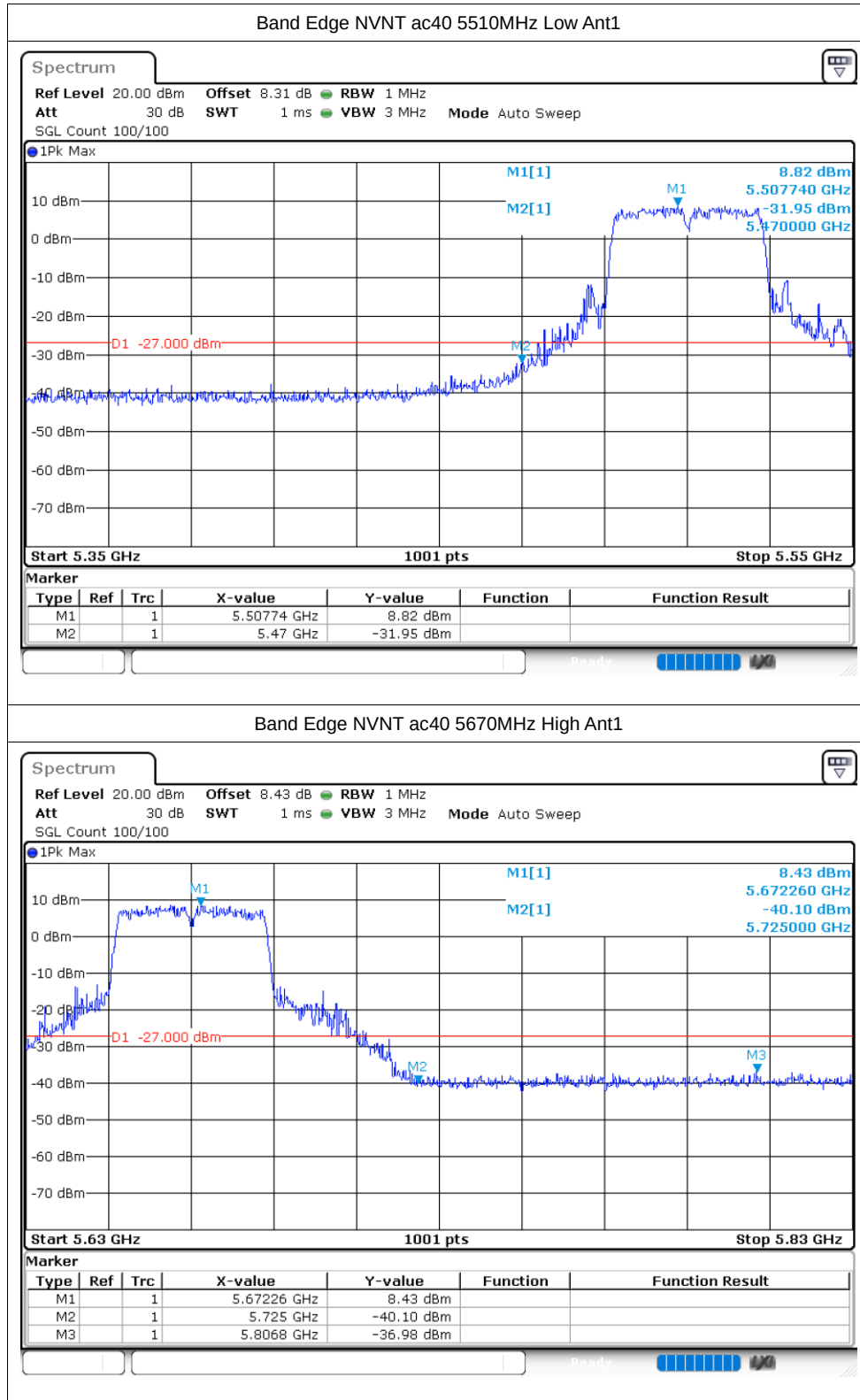
1Pk Max

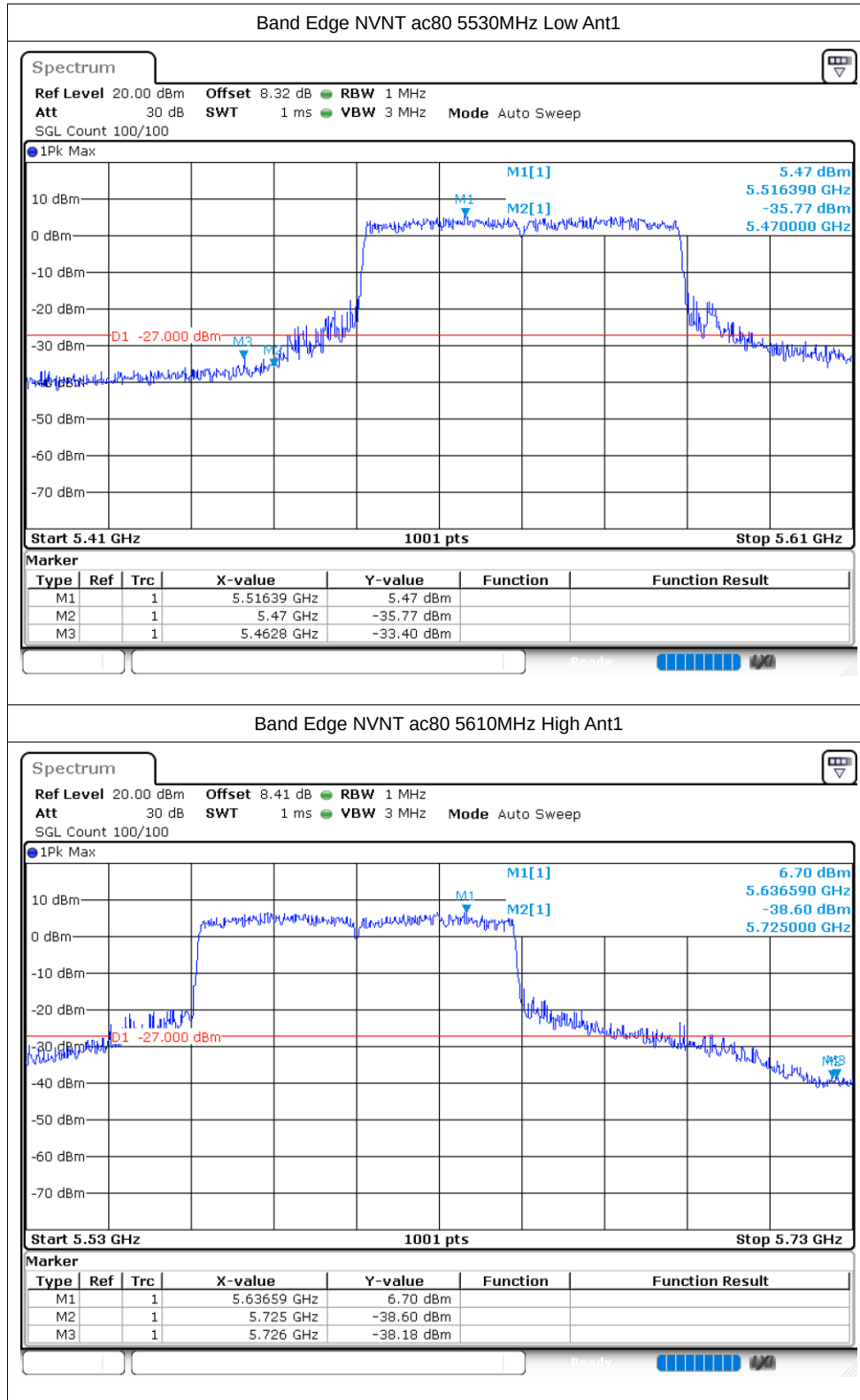


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.67765 GHz	8.62 dBm		
M2		1	5.725 GHz	-39.61 dBm		
M3		1	5.782 GHz	-36.93 dBm		





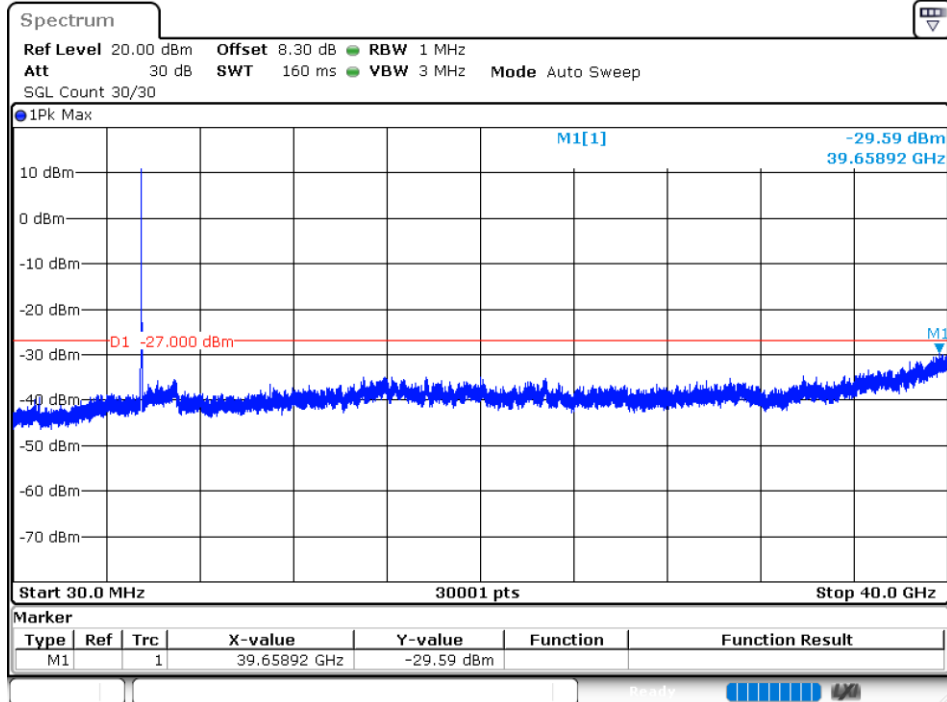


Conducted RF Spurious Emission

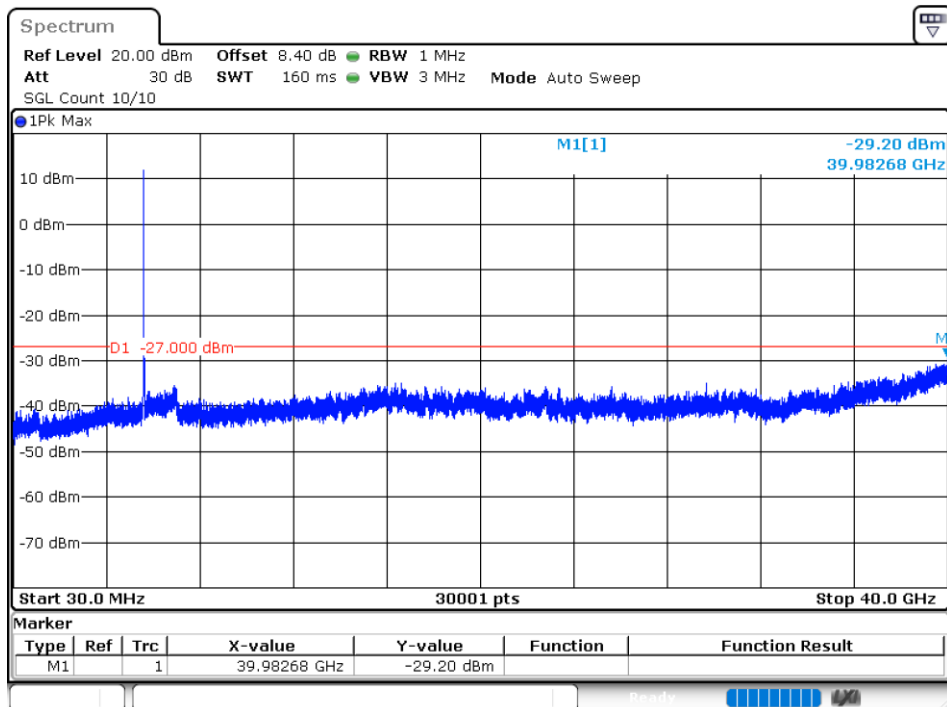
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-29.58	-27	Pass
NVNT	a	5600	Ant1	-29.19	-27	Pass
NVNT	a	5700	Ant1	-30.26	-27	Pass
NVNT	n20	5500	Ant1	-29.55	-27	Pass
NVNT	n20	5600	Ant1	-30.22	-27	Pass
NVNT	n20	5700	Ant1	-30.14	-27	Pass
NVNT	n40	5510	Ant1	-29.55	-27	Pass
NVNT	n40	5590	Ant1	-30.08	-27	Pass
NVNT	n40	5670	Ant1	-30.15	-27	Pass
NVNT	ac20	5500	Ant1	-29.23	-27	Pass
NVNT	ac20	5600	Ant1	-29.47	-27	Pass
NVNT	ac20	5700	Ant1	-29.76	-27	Pass
NVNT	ac40	5510	Ant1	-30.31	-27	Pass
NVNT	ac40	5590	Ant1	-30.11	-27	Pass
NVNT	ac40	5670	Ant1	-29.56	-27	Pass
NVNT	ac80	5530	Ant1	-29.87	-27	Pass
NVNT	ac80	5610	Ant1	-29.43	-27	Pass

Test Graphs

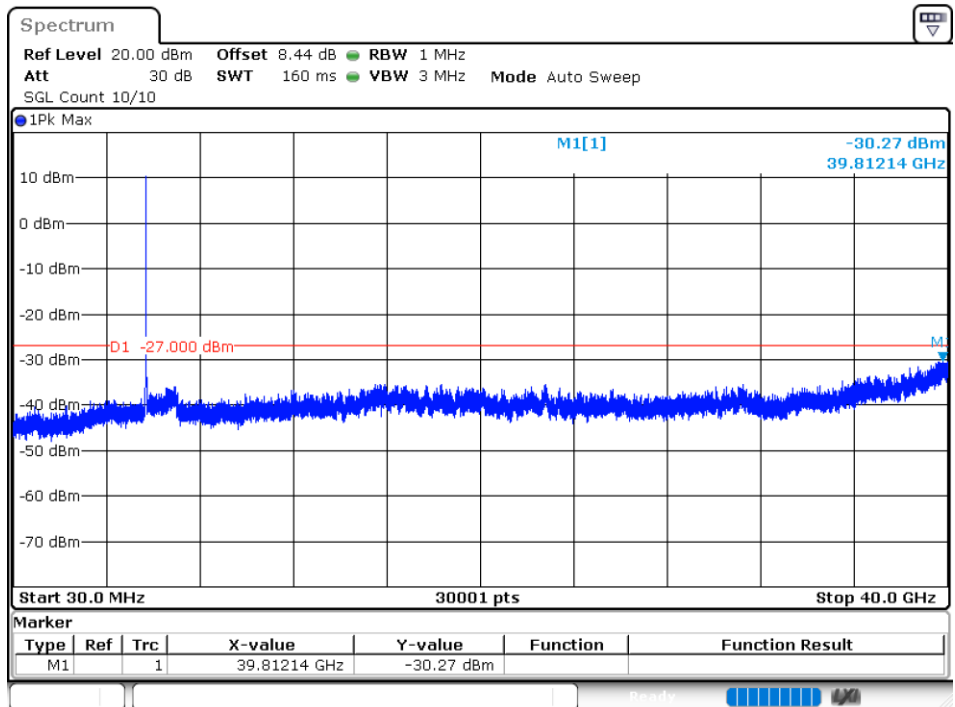
Tx. Spurious NVNT a 5500MHz Ant1 Emission



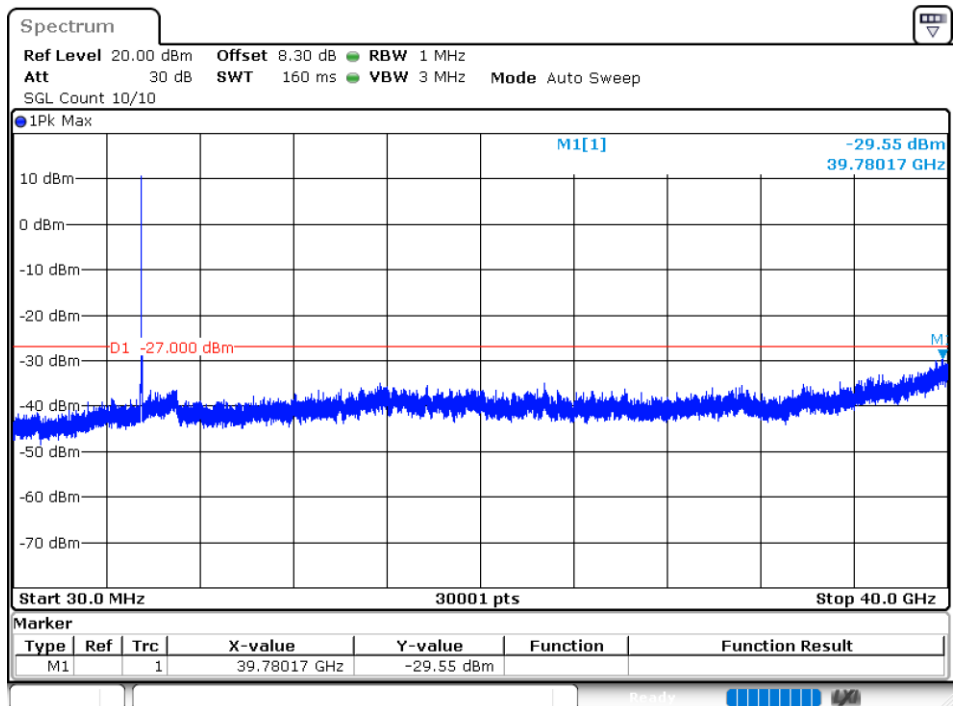
Tx. Spurious NVNT a 5600MHz Ant1 Emission

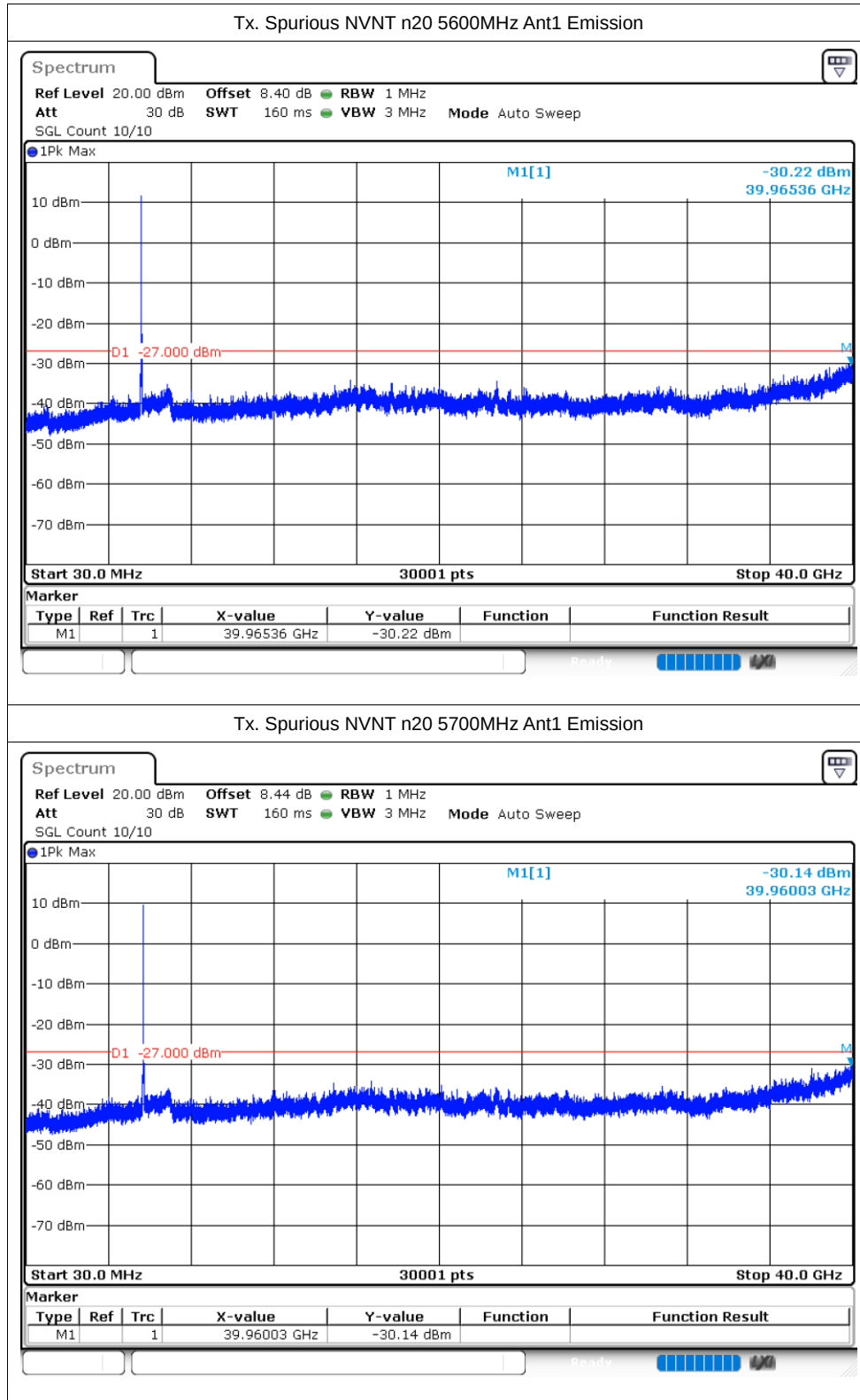


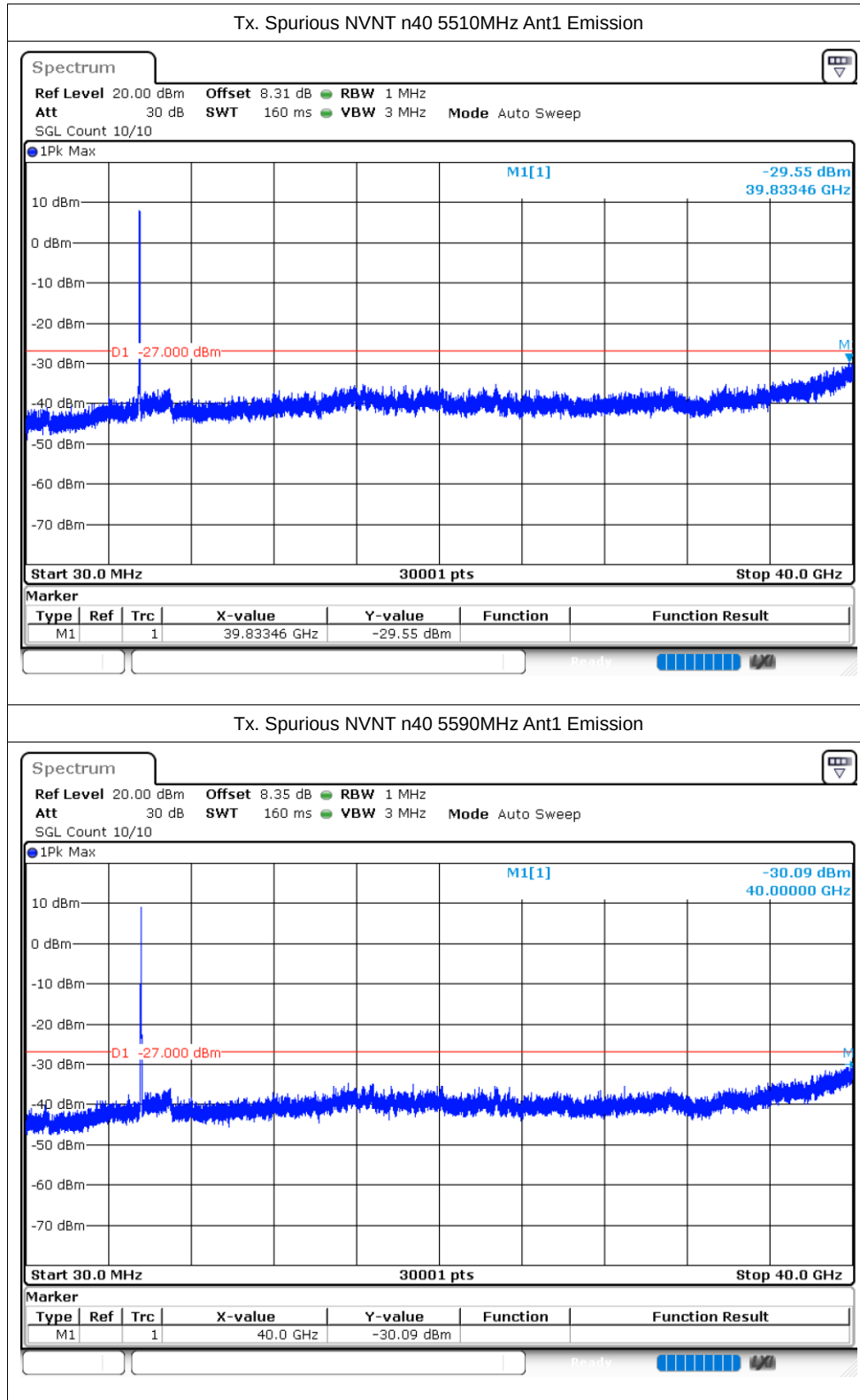
Tx. Spurious NVNT a 5700MHz Ant1 Emission



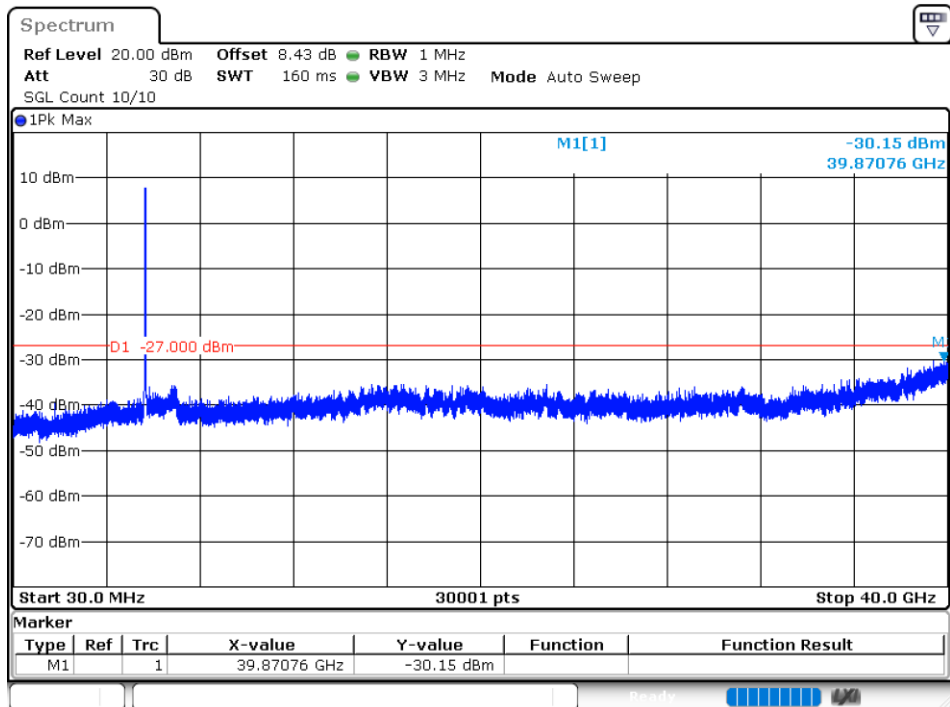
Tx. Spurious NVNT n20 5500MHz Ant1 Emission



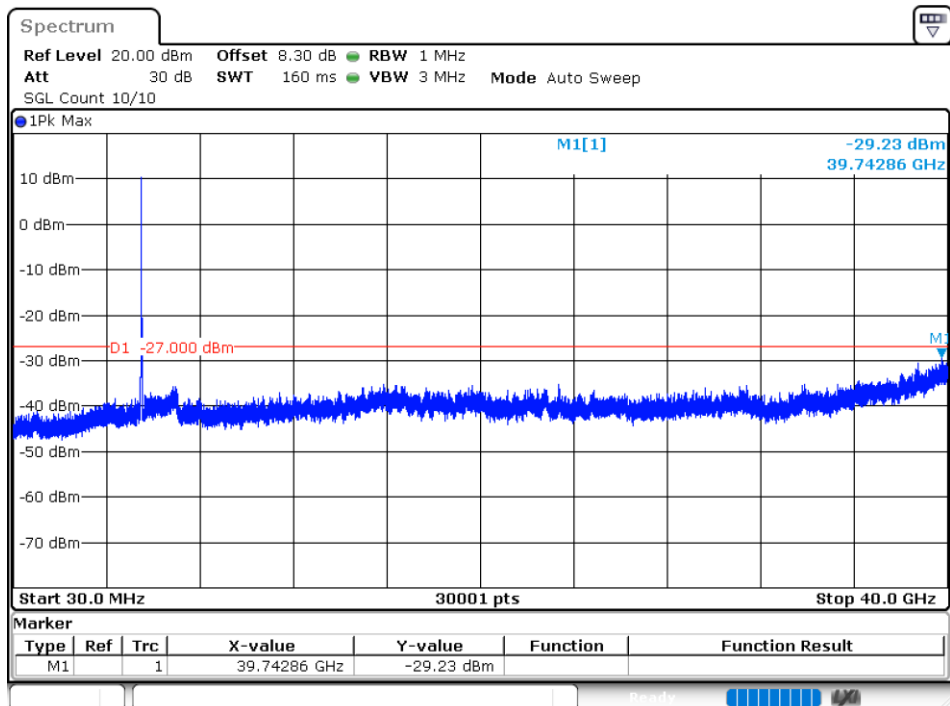




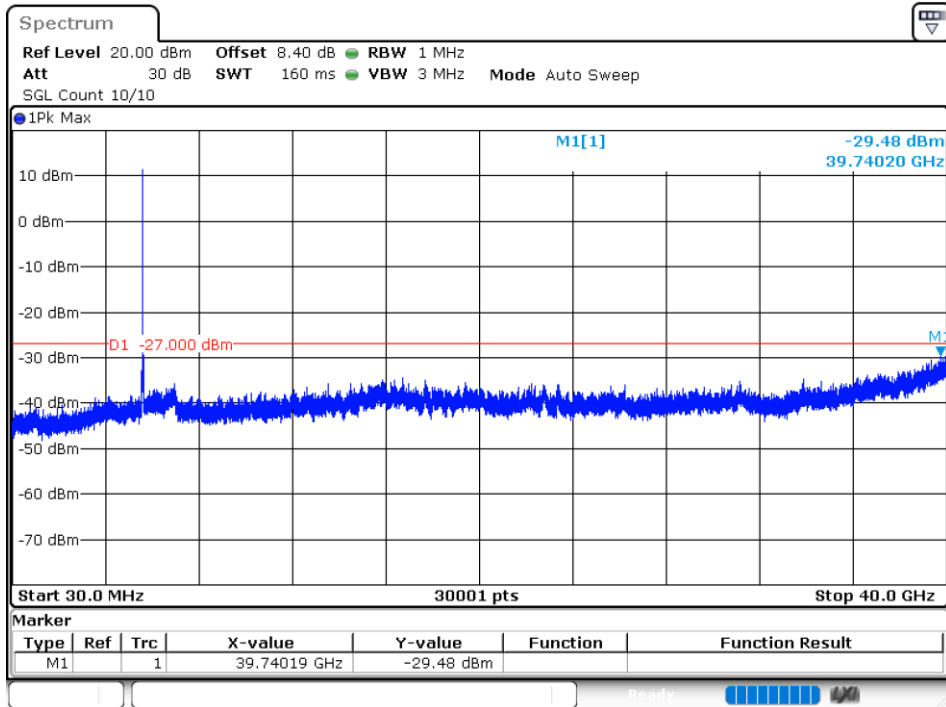
Tx. Spurious NVNT n40 5670MHz Ant1 Emission



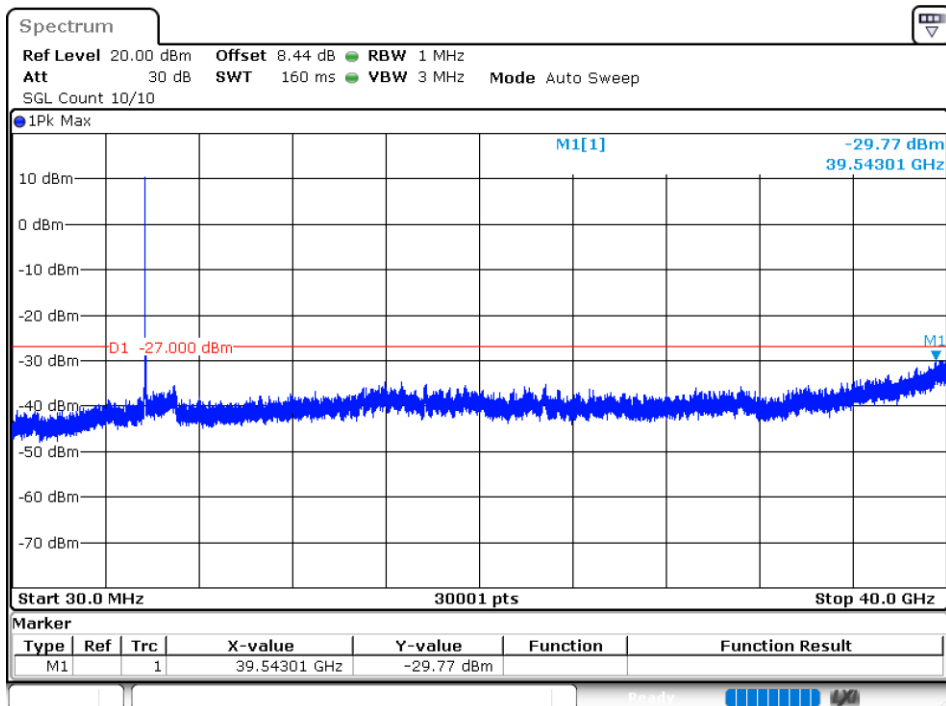
Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



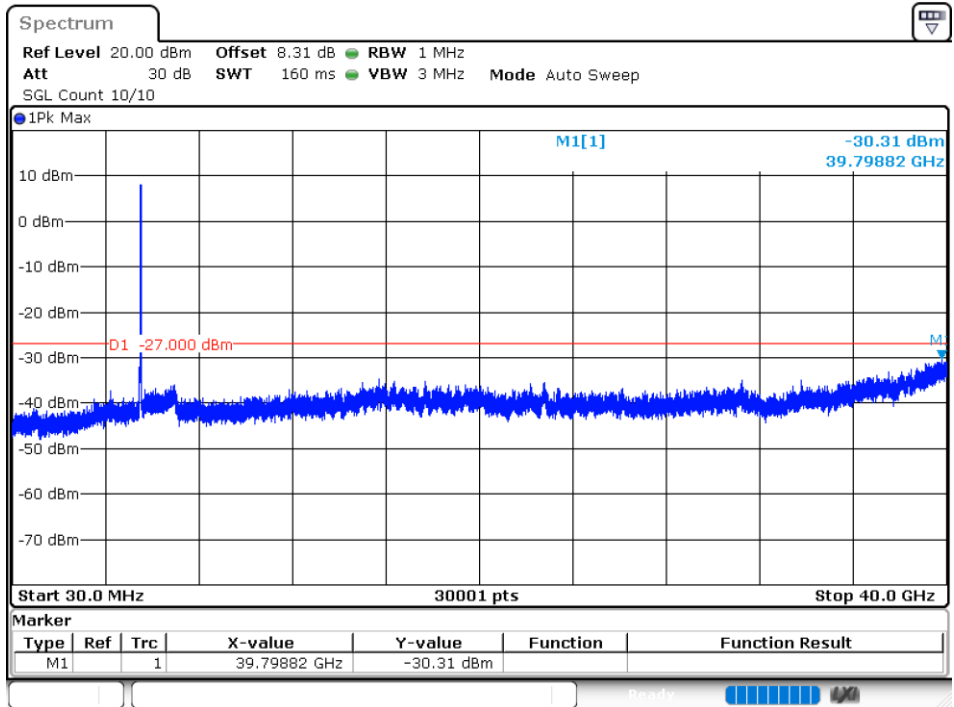
Tx. Spurious NVNT ac20 5600MHz Ant1 Emission



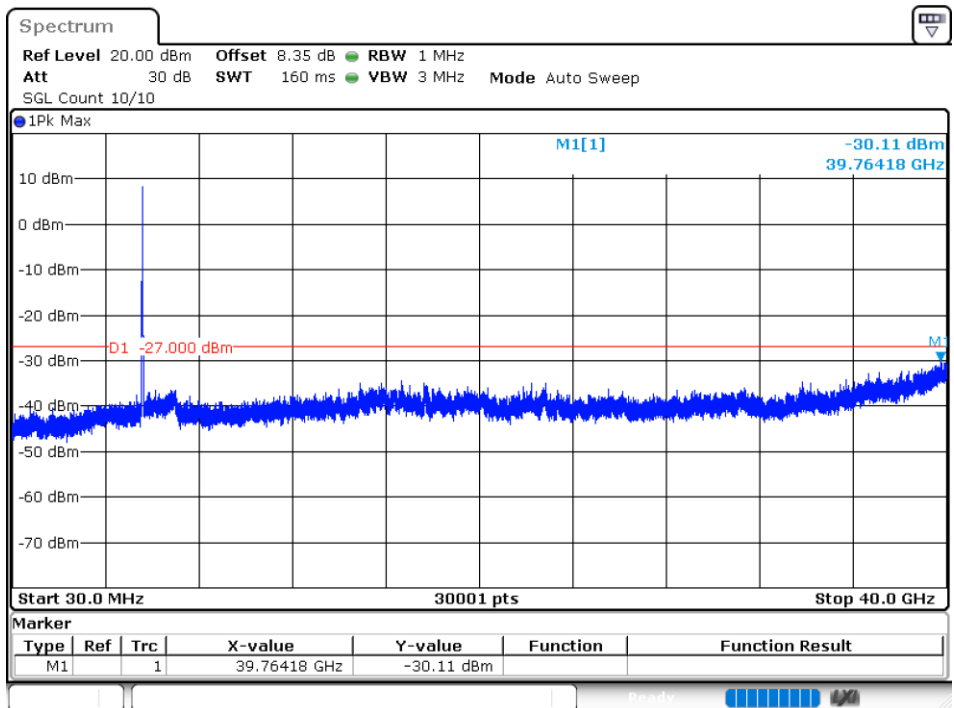
Tx. Spurious NVNT ac20 5700MHz Ant1 Emission



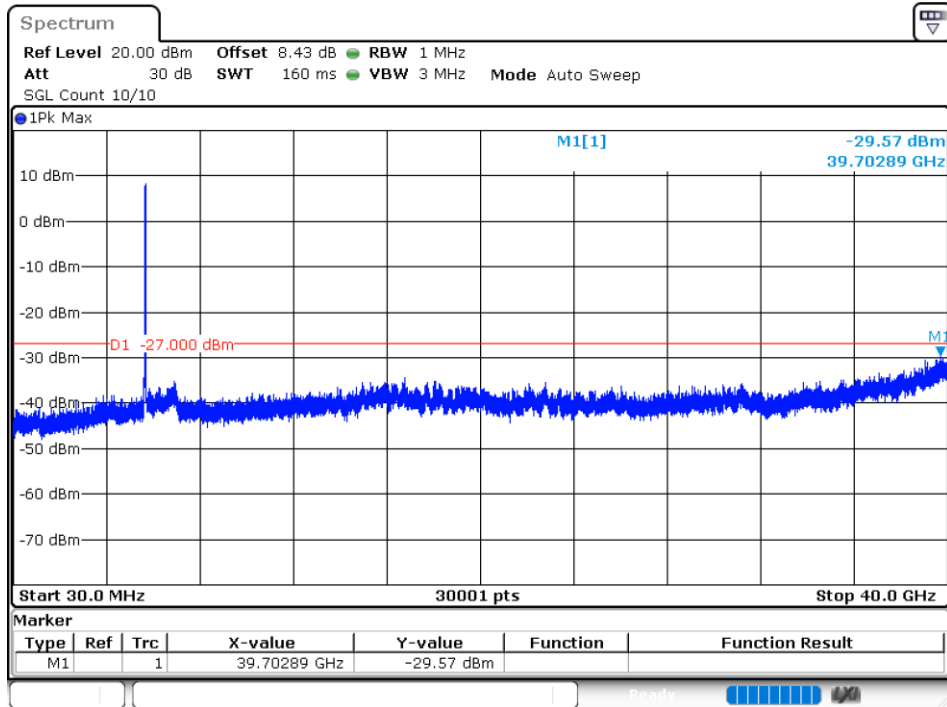
Tx. Spurious NVNT ac40 5510MHz Ant1 Emission



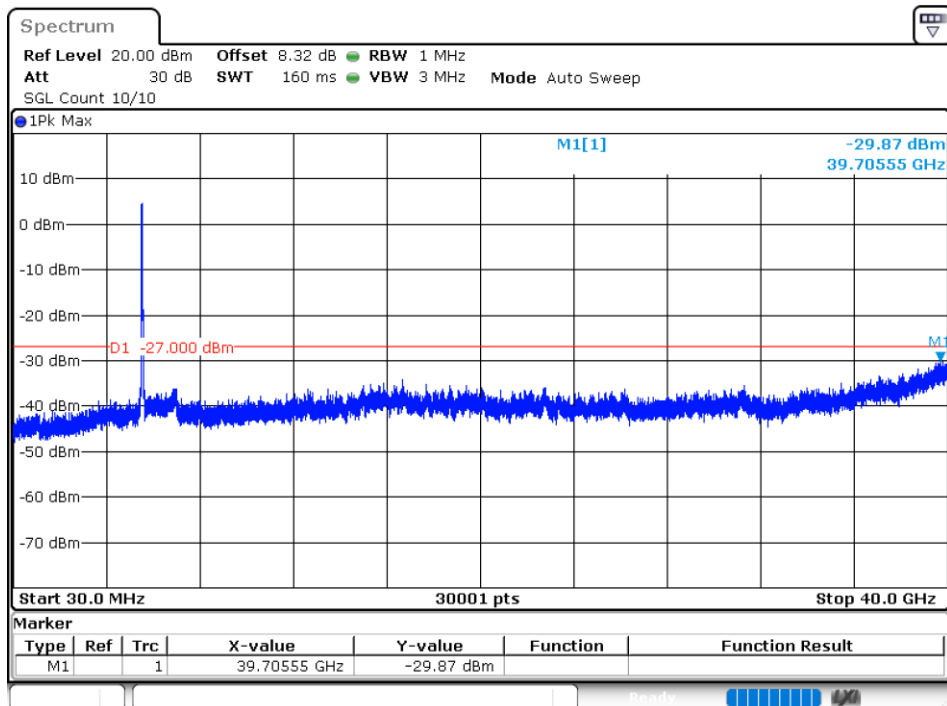
Tx. Spurious NVNT ac40 5590MHz Ant1 Emission

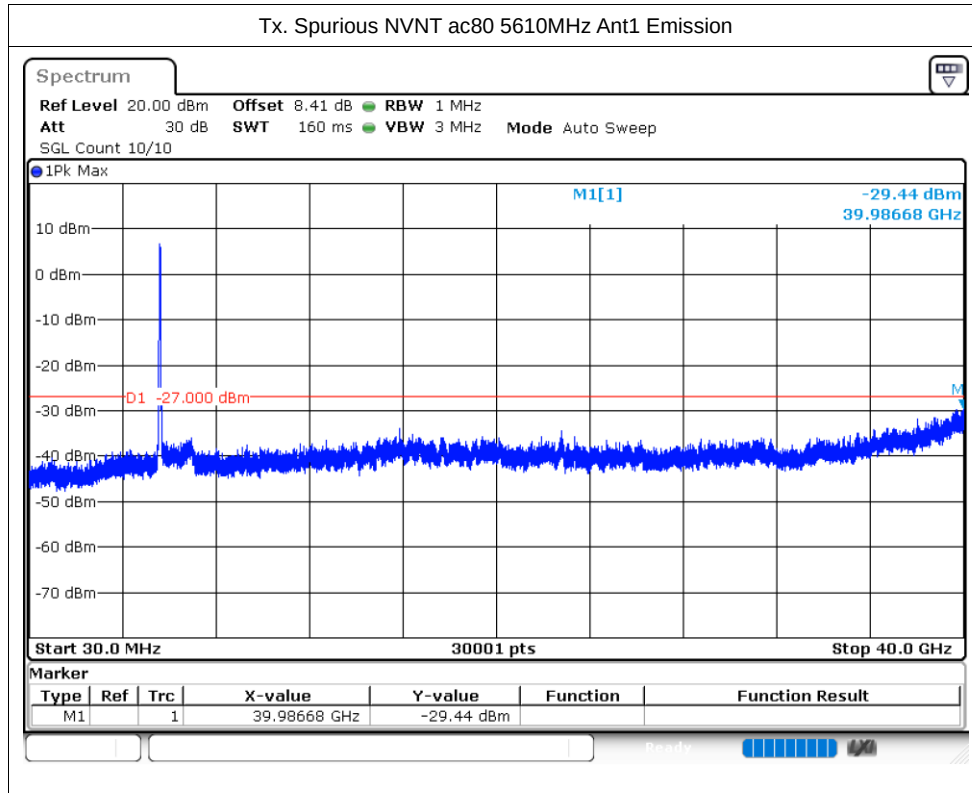


Tx. Spurious NVNT ac40 5670MHz Ant1 Emission



Tx. Spurious NVNT ac80 5530MHz Ant1 Emission





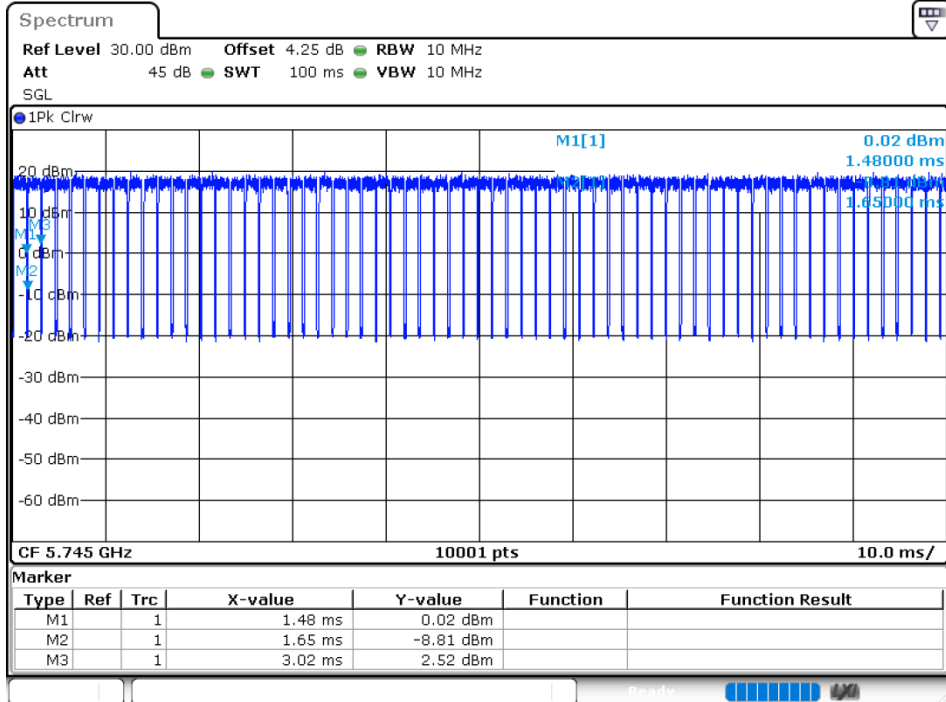
5.8G WIFI

Duty Cycle

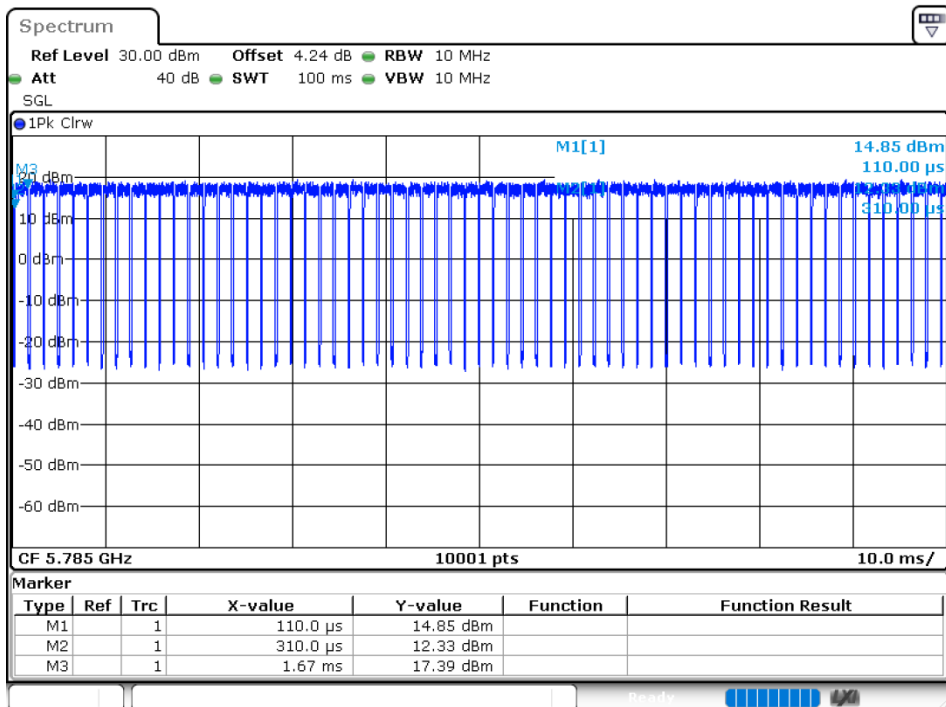
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	88.3	0.54	0.73
NVNT	a	5785	Ant1	88.31	0.54	0.74
NVNT	a	5825	Ant1	96.61	0.15	10
NVNT	n20	5745	Ant1	86.87	0.61	0.87
NVNT	n20	5785	Ant1	87	0.6	0.87
NVNT	n20	5825	Ant1	95.54	0.2	∞
NVNT	n40	5755	Ant1	89.57	0.48	100
NVNT	n40	5795	Ant1	91.57	0.38	33.33
NVNT	ac20	5745	Ant1	86.97	0.61	0.86
NVNT	ac20	5785	Ant1	86.86	0.61	0.87
NVNT	ac20	5825	Ant1	86.6	0.62	0.86
NVNT	ac40	5755	Ant1	76.68	1.15	1.72
NVNT	ac40	5795	Ant1	77.01	1.13	1.72
NVNT	ac80	5775	Ant1	62.8	2.02	3.45

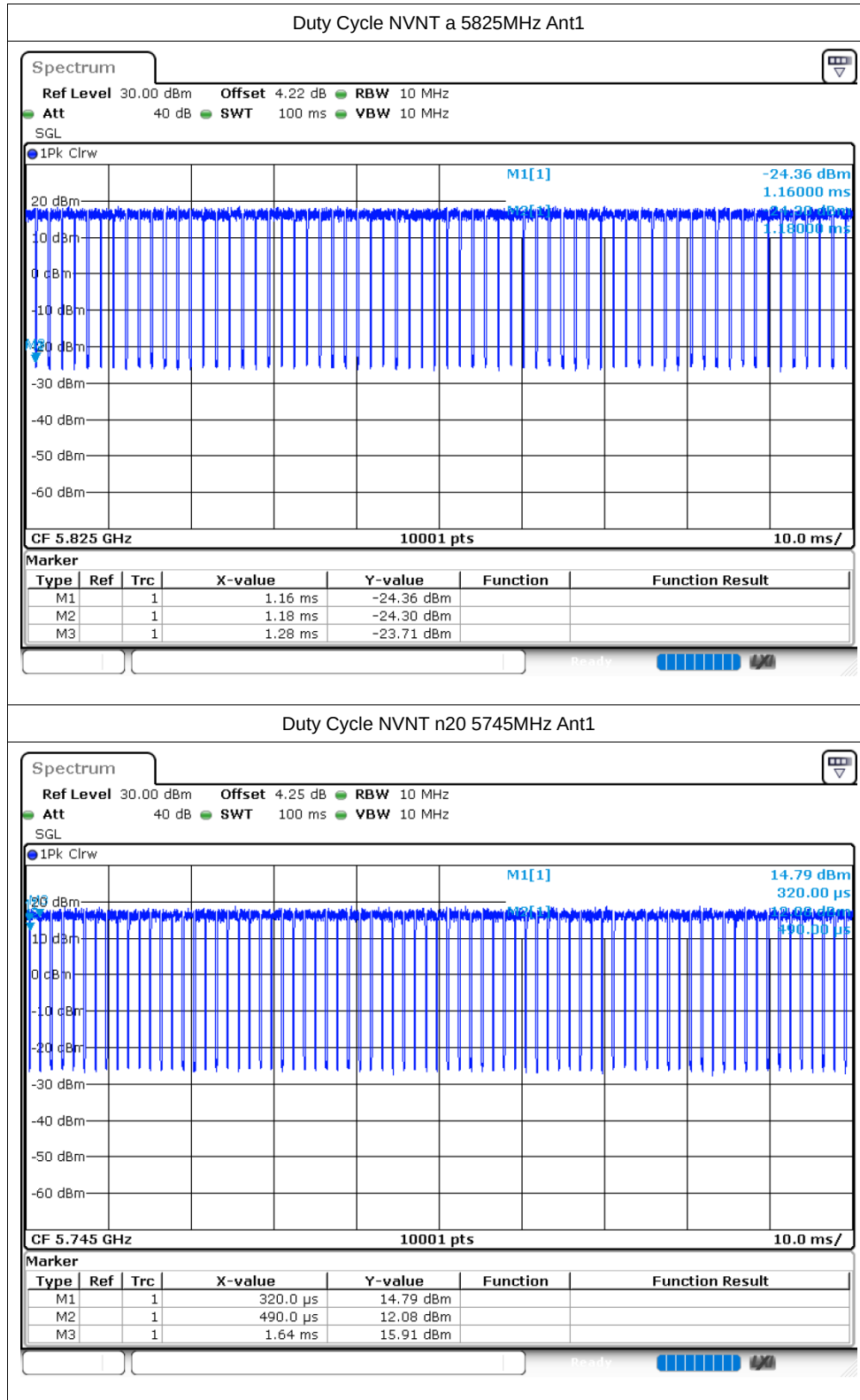
Test Graphs

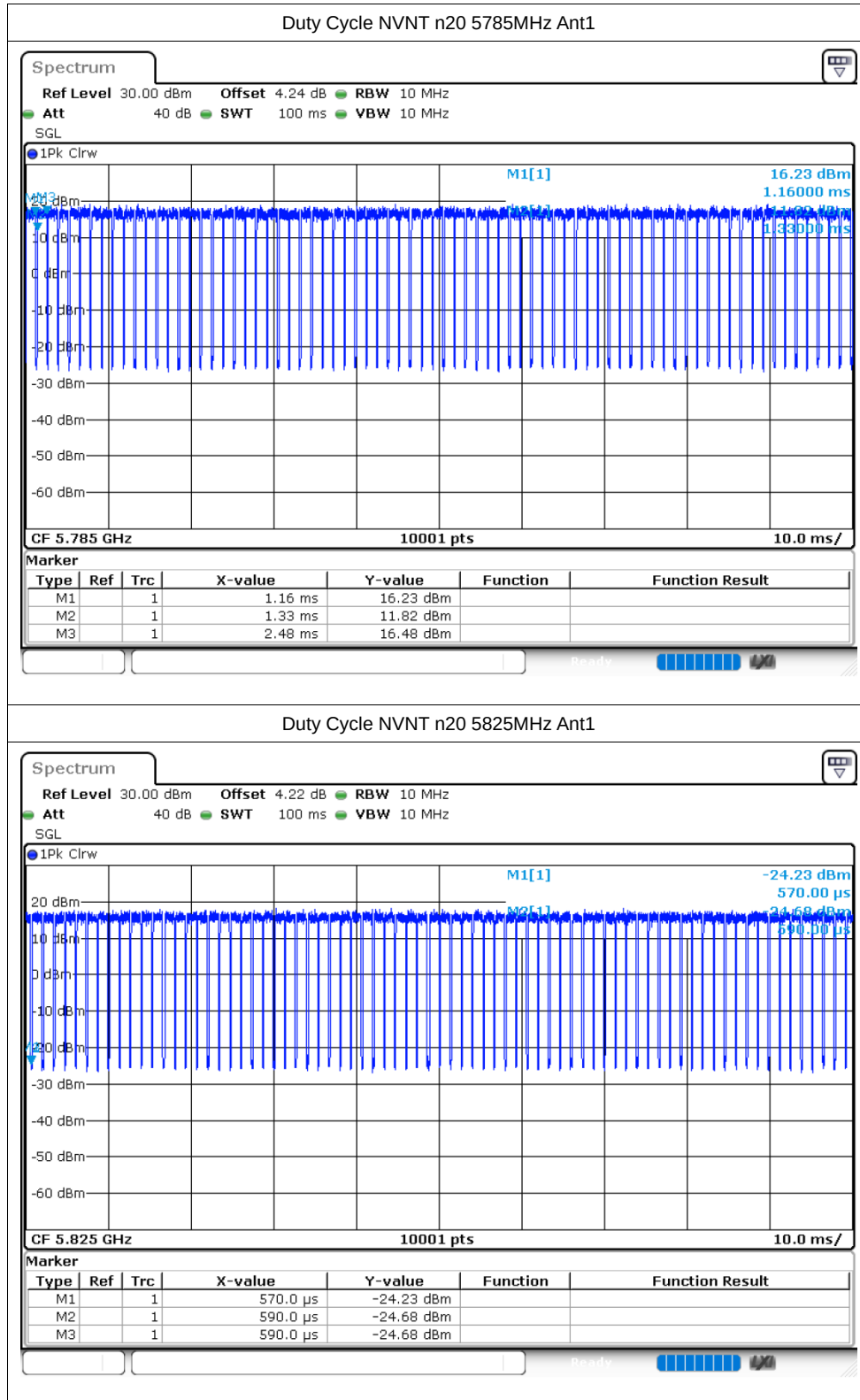
Duty Cycle NVNT a 5745MHz Ant1

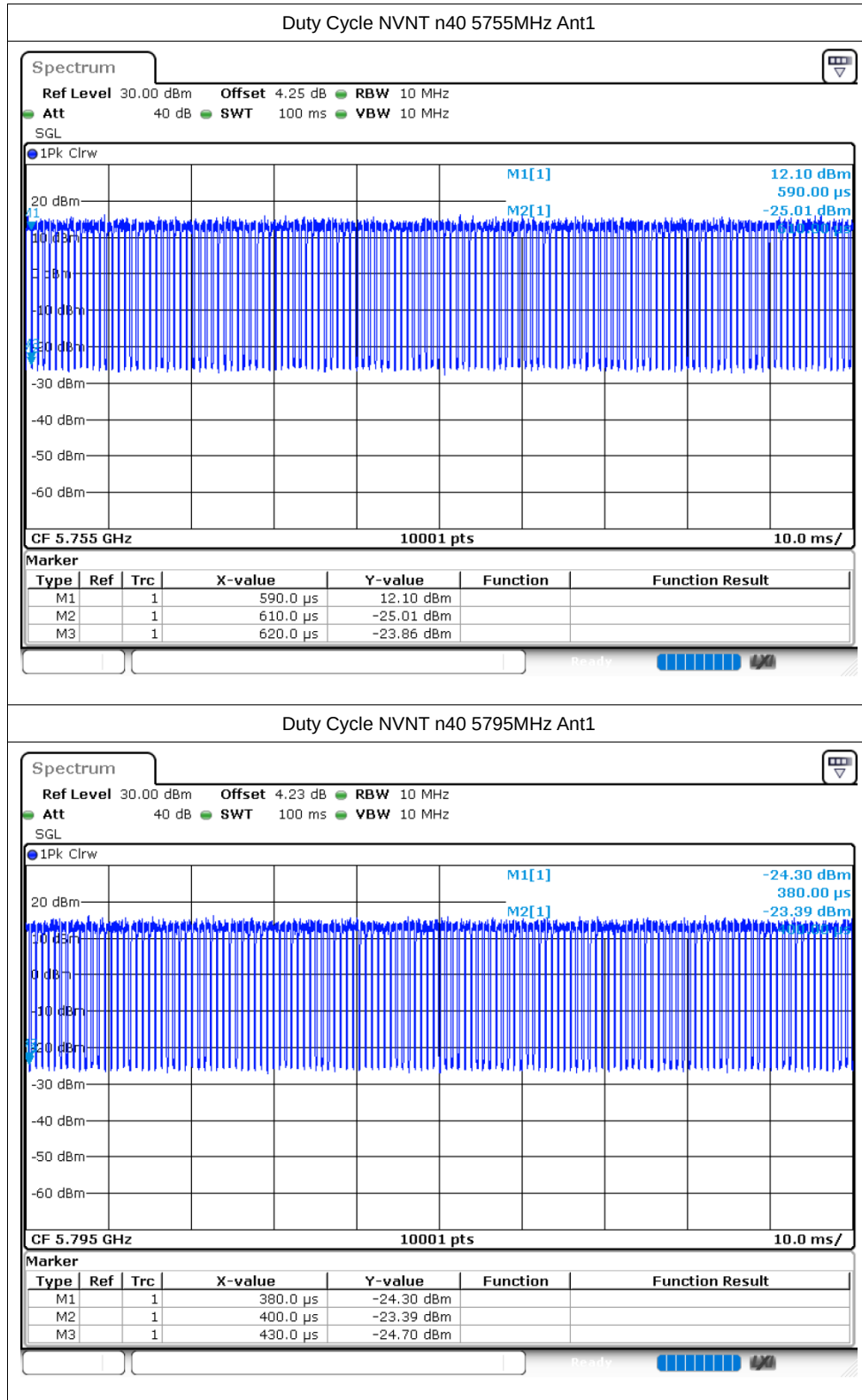


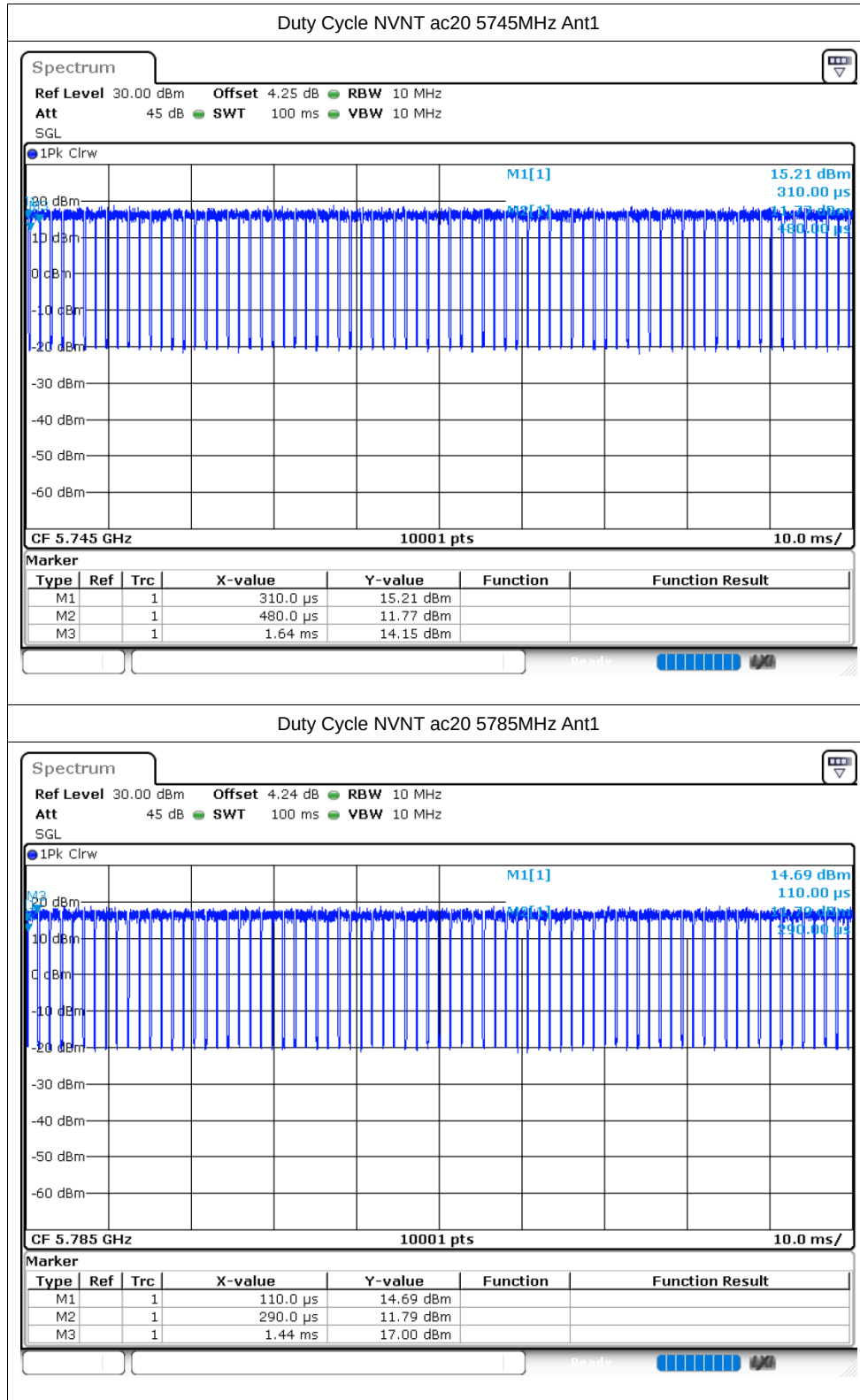
Duty Cycle NVNT a 5785MHz Ant1

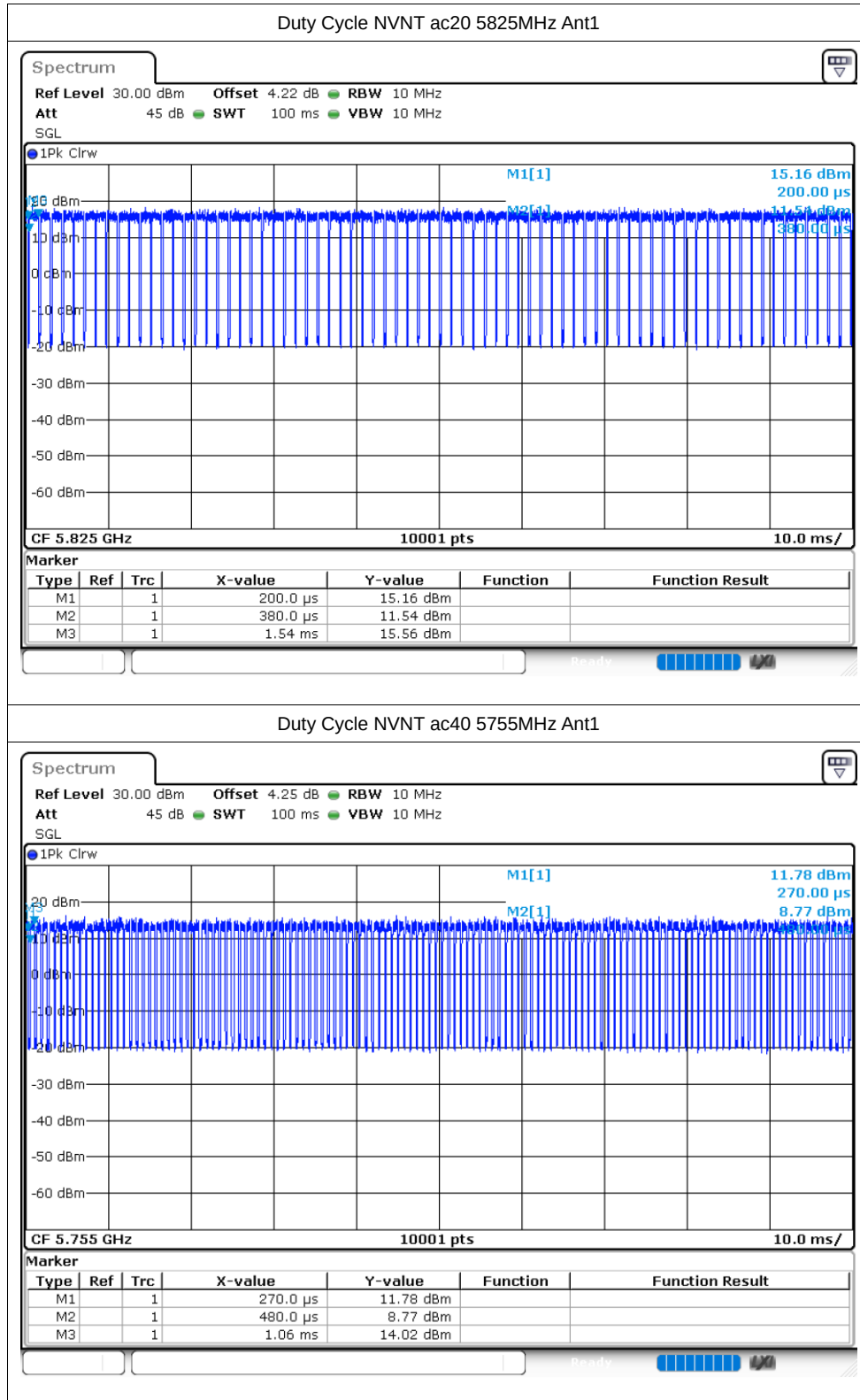


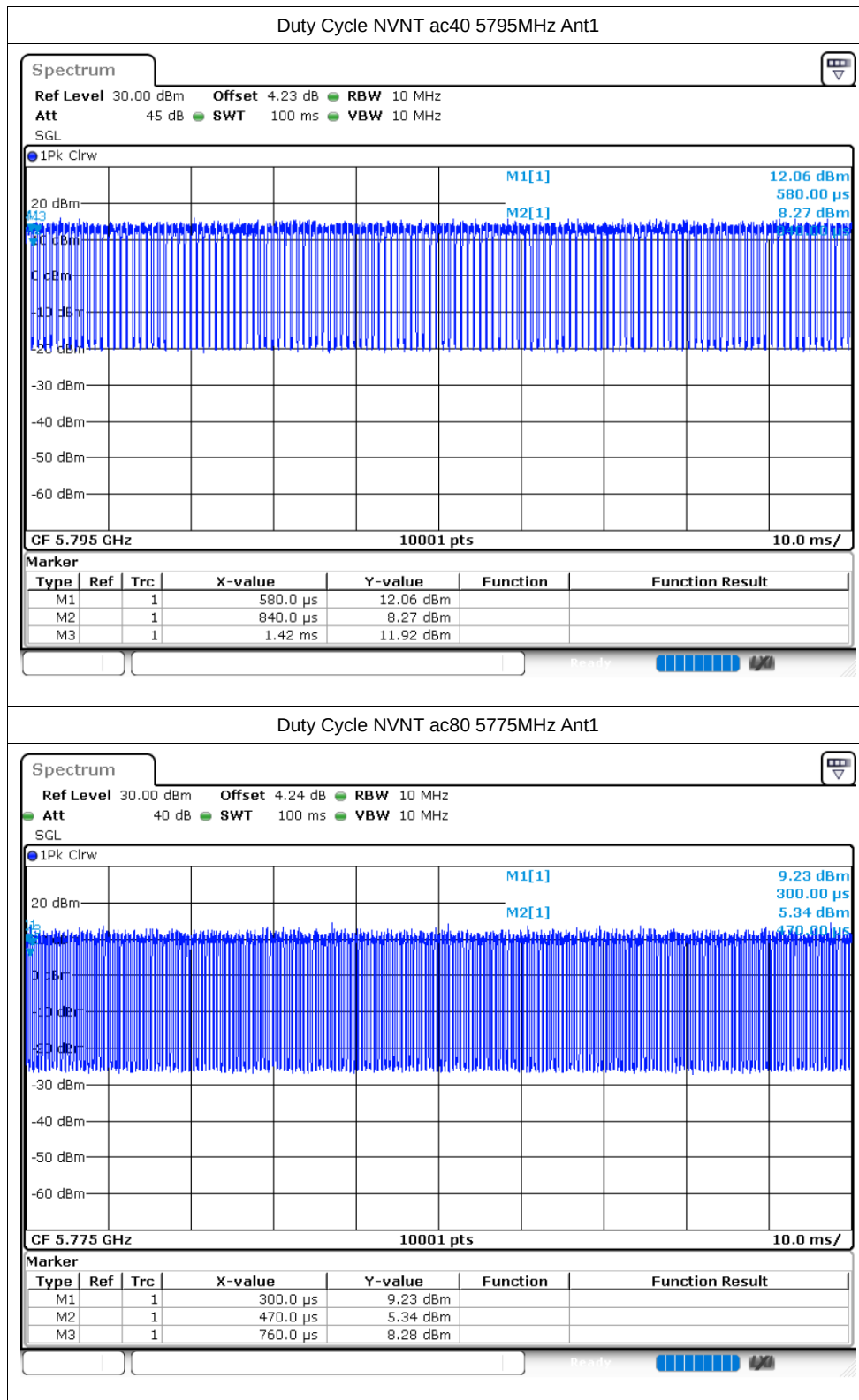












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	12.7	30	Pass
NVNT	a	5785	Ant1	12.48	30	Pass
NVNT	a	5825	Ant1	12.1	30	Pass
NVNT	n20	5745	Ant1	12.64	30	Pass
NVNT	n20	5785	Ant1	12.52	30	Pass
NVNT	n20	5825	Ant1	12.6	30	Pass
NVNT	n40	5755	Ant1	13.18	30	Pass
NVNT	n40	5795	Ant1	13.1	30	Pass
NVNT	ac20	5745	Ant1	12.73	30	Pass
NVNT	ac20	5785	Ant1	12.69	30	Pass
NVNT	ac20	5825	Ant1	12.47	30	Pass
NVNT	ac40	5755	Ant1	13.27	30	Pass
NVNT	ac40	5795	Ant1	13.08	30	Pass
NVNT	ac80	5775	Ant1	12.94	30	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.434	0.5	Pass
NVNT	a	5785	Ant1	16.338	0.5	Pass
NVNT	a	5825	Ant1	16.344	0.5	Pass
NVNT	n20	5745	Ant1	17.586	0.5	Pass
NVNT	n20	5785	Ant1	17.655	0.5	Pass
NVNT	n20	5825	Ant1	17.532	0.5	Pass
NVNT	n40	5755	Ant1	36.426	0.5	Pass
NVNT	n40	5795	Ant1	36.156	0.5	Pass
NVNT	ac20	5745	Ant1	17.559	0.5	Pass
NVNT	ac20	5785	Ant1	17.601	0.5	Pass
NVNT	ac20	5825	Ant1	17.397	0.5	Pass
NVNT	ac40	5755	Ant1	36.444	0.5	Pass
NVNT	ac40	5795	Ant1	36.282	0.5	Pass
NVNT	ac80	5775	Ant1	75.348	0.5	Pass

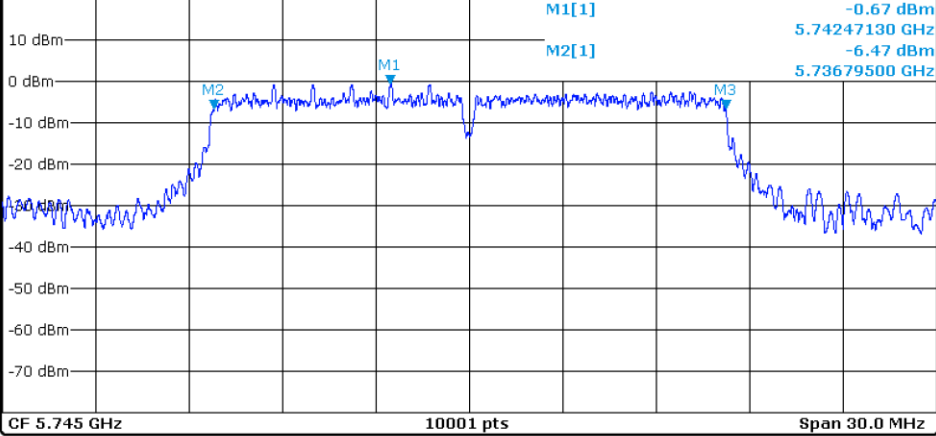
Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.25 dB RBW 100 kHz
Att 30 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

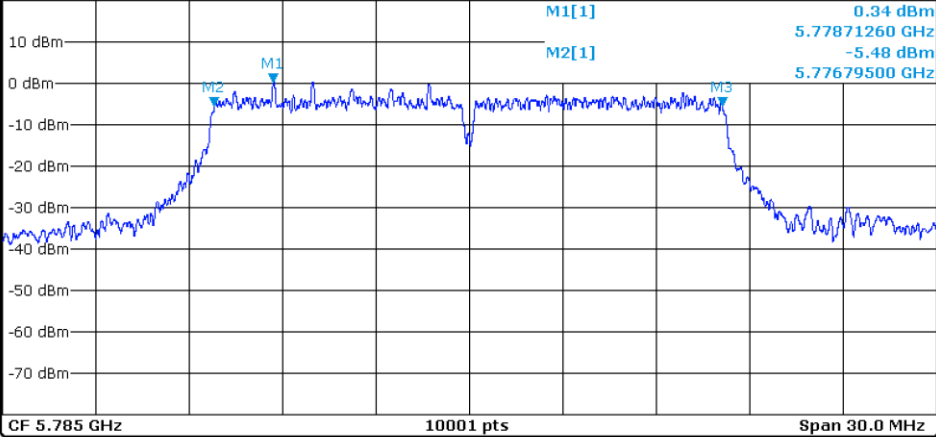
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.7424713 GHz	-0.67 dBm		
M2	1		5.736795 GHz	-6.47 dBm		
M3	1		5.753229 GHz	-6.59 dBm		

-6dB Bandwidth NVNT a 5785MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.24 dB RBW 100 kHz
Att 30 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.7787126 GHz	0.34 dBm		
M2	1		5.776795 GHz	-5.48 dBm		
M3	1		5.793133 GHz	-5.50 dBm		