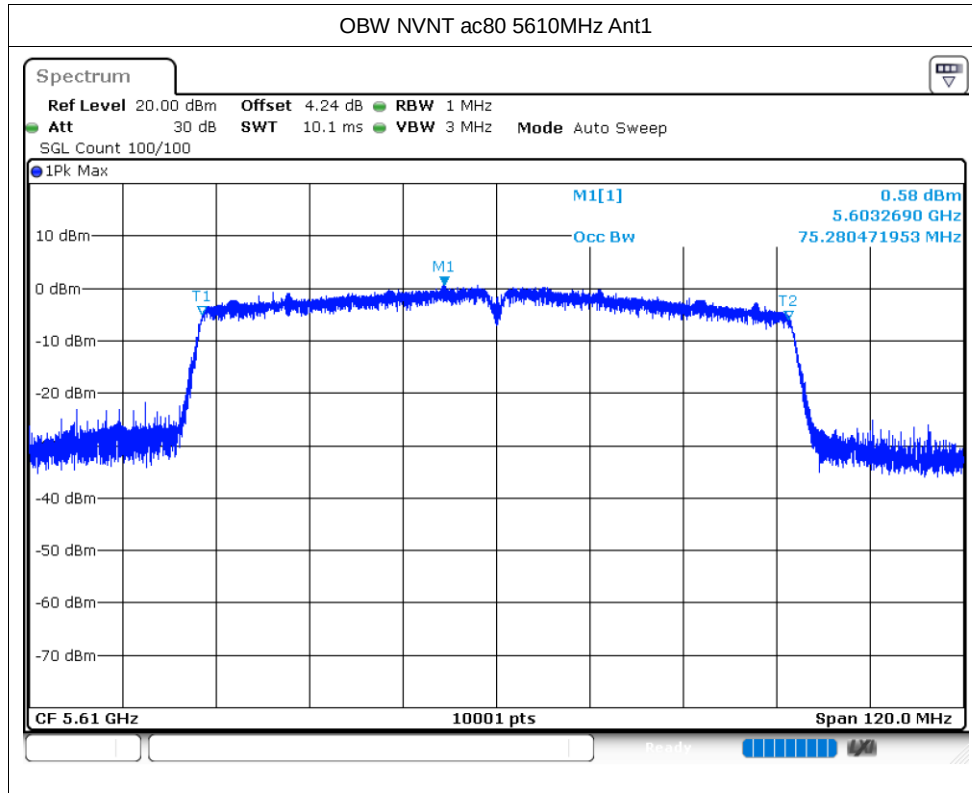


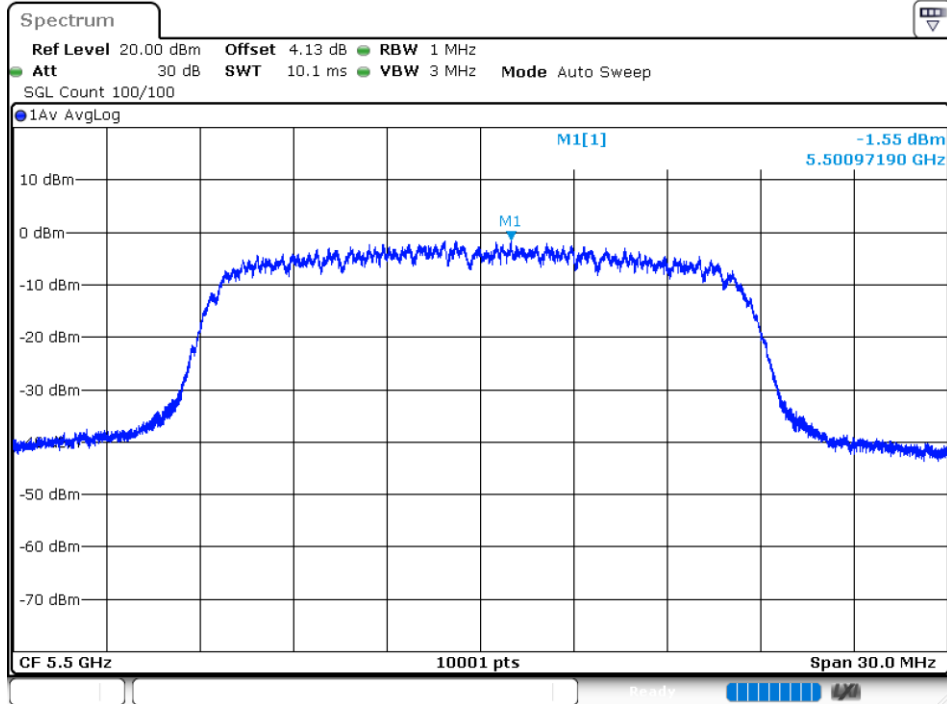


Maximum Power Spectral Density Level

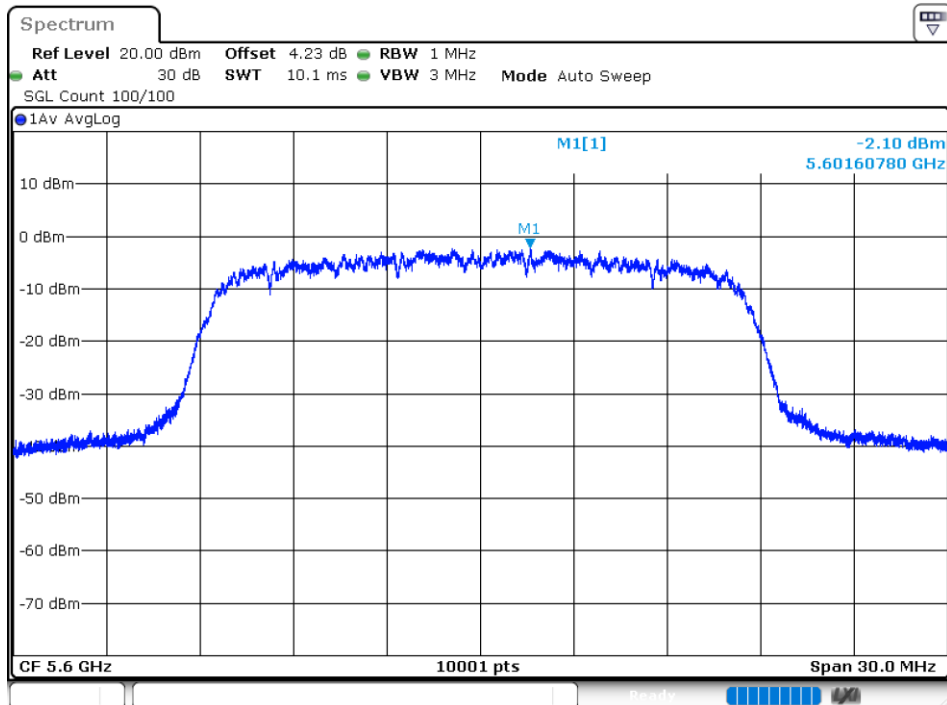
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-1.55	0.11	-1.44	11	Pass
NVNT	a	5600	Ant1	-2.1	0.11	-1.99	11	Pass
NVNT	a	5700	Ant1	-2.6	0.11	-2.49	11	Pass
NVNT	n20	5500	Ant1	-2.05	0.11	-1.94	11	Pass
NVNT	n20	5600	Ant1	-2.39	0.11	-2.28	11	Pass
NVNT	n20	5700	Ant1	-2.82	0.11	-2.71	11	Pass
NVNT	n40	5510	Ant1	-7.07	0.22	-6.85	11	Pass
NVNT	n40	5590	Ant1	-5.86	0.22	-5.64	11	Pass
NVNT	n40	5670	Ant1	-6.83	0.22	-6.61	11	Pass
NVNT	ac20	5500	Ant1	-2.27	0.11	-2.16	11	Pass
NVNT	ac20	5600	Ant1	-2.55	0.11	-2.44	11	Pass
NVNT	ac20	5700	Ant1	-3.01	0.11	-2.9	11	Pass
NVNT	ac40	5510	Ant1	-6.64	0.22	-6.42	11	Pass
NVNT	ac40	5590	Ant1	-6.29	0.22	-6.07	11	Pass
NVNT	ac40	5670	Ant1	-6.57	0.22	-6.35	11	Pass
NVNT	ac80	5530	Ant1	-11.62	0.43	-11.19	11	Pass
NVNT	ac80	5610	Ant1	-11.57	0.43	-11.14	11	Pass

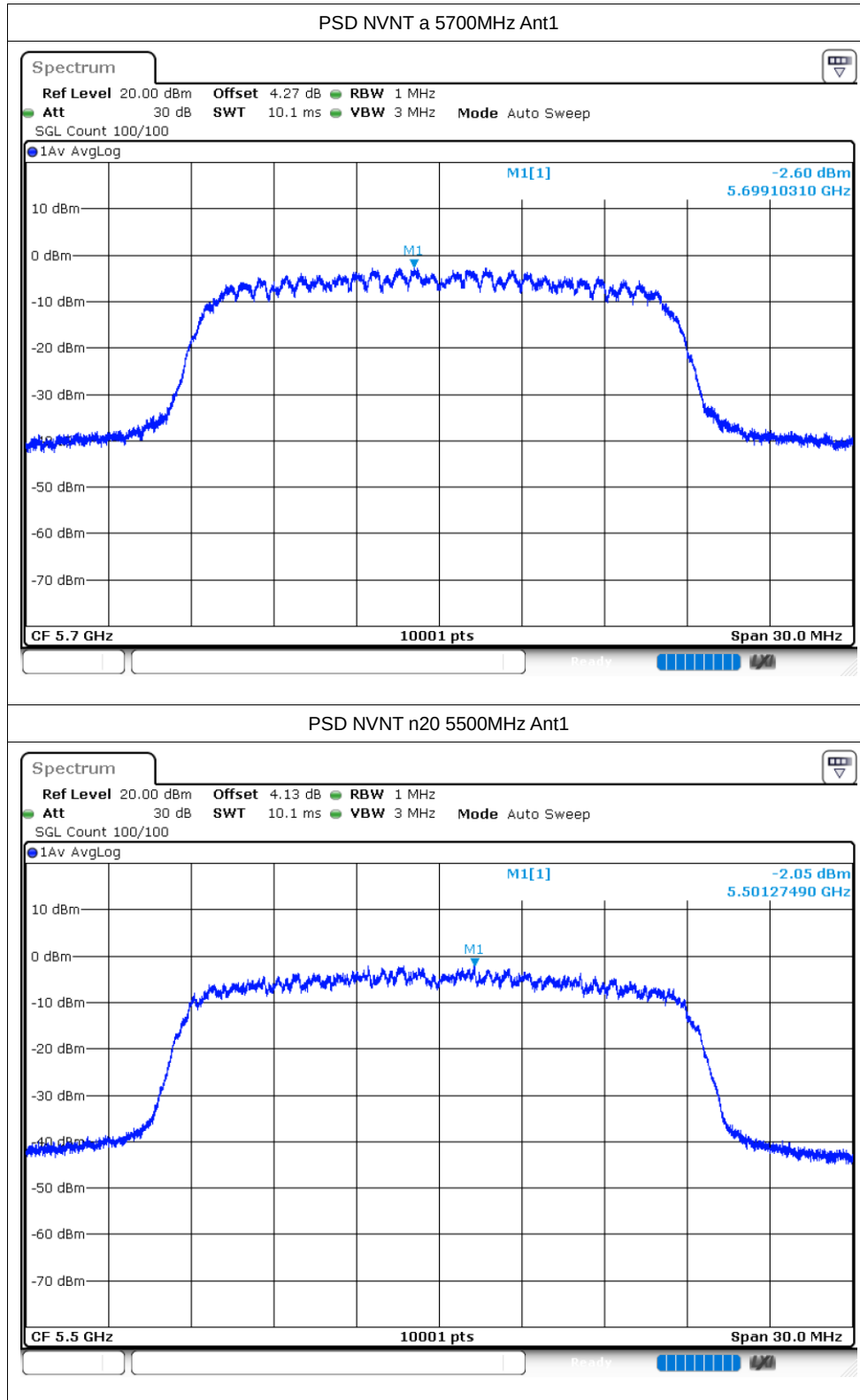
Test Graphs

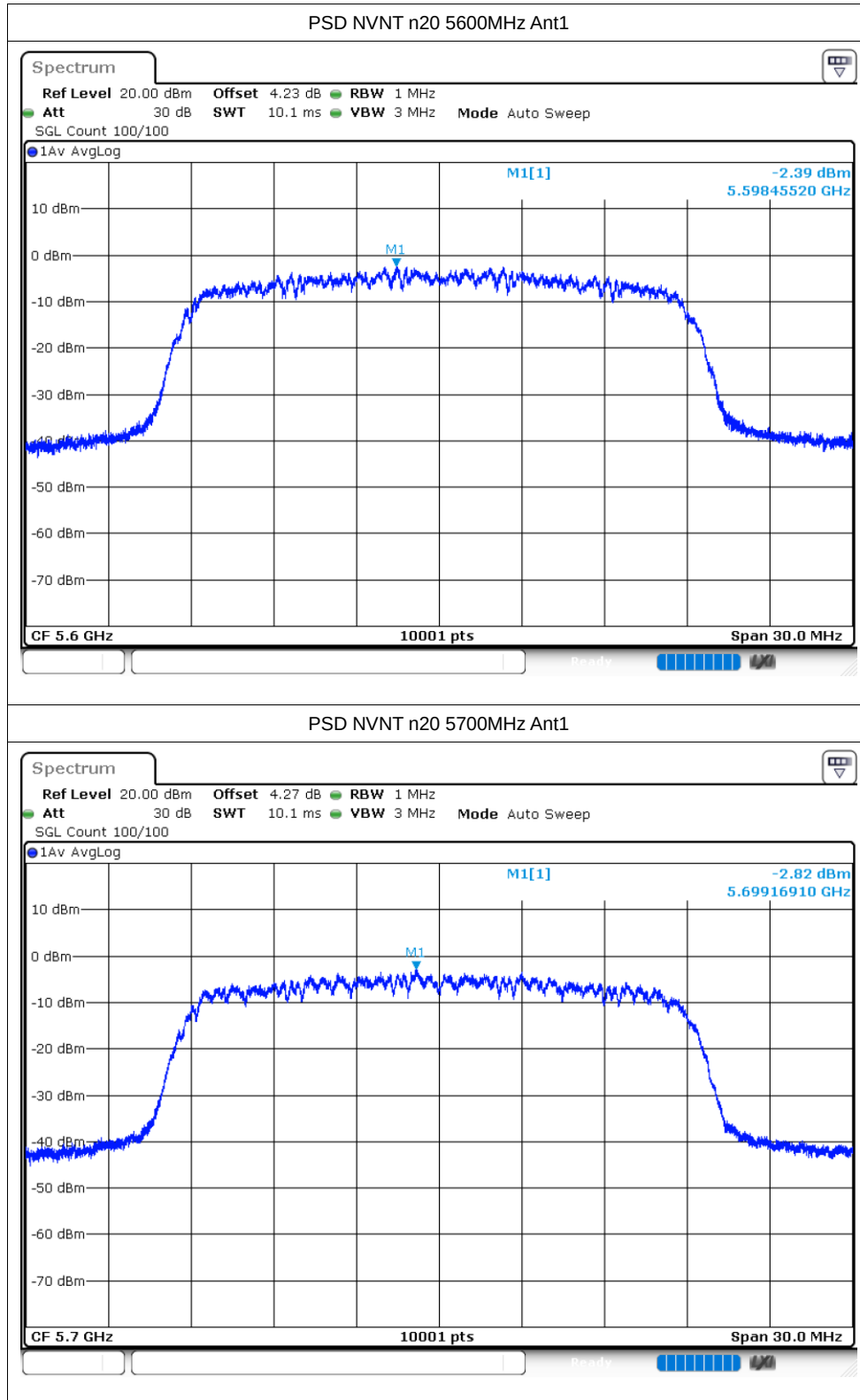
PSD NVNT a 5500MHz Ant1

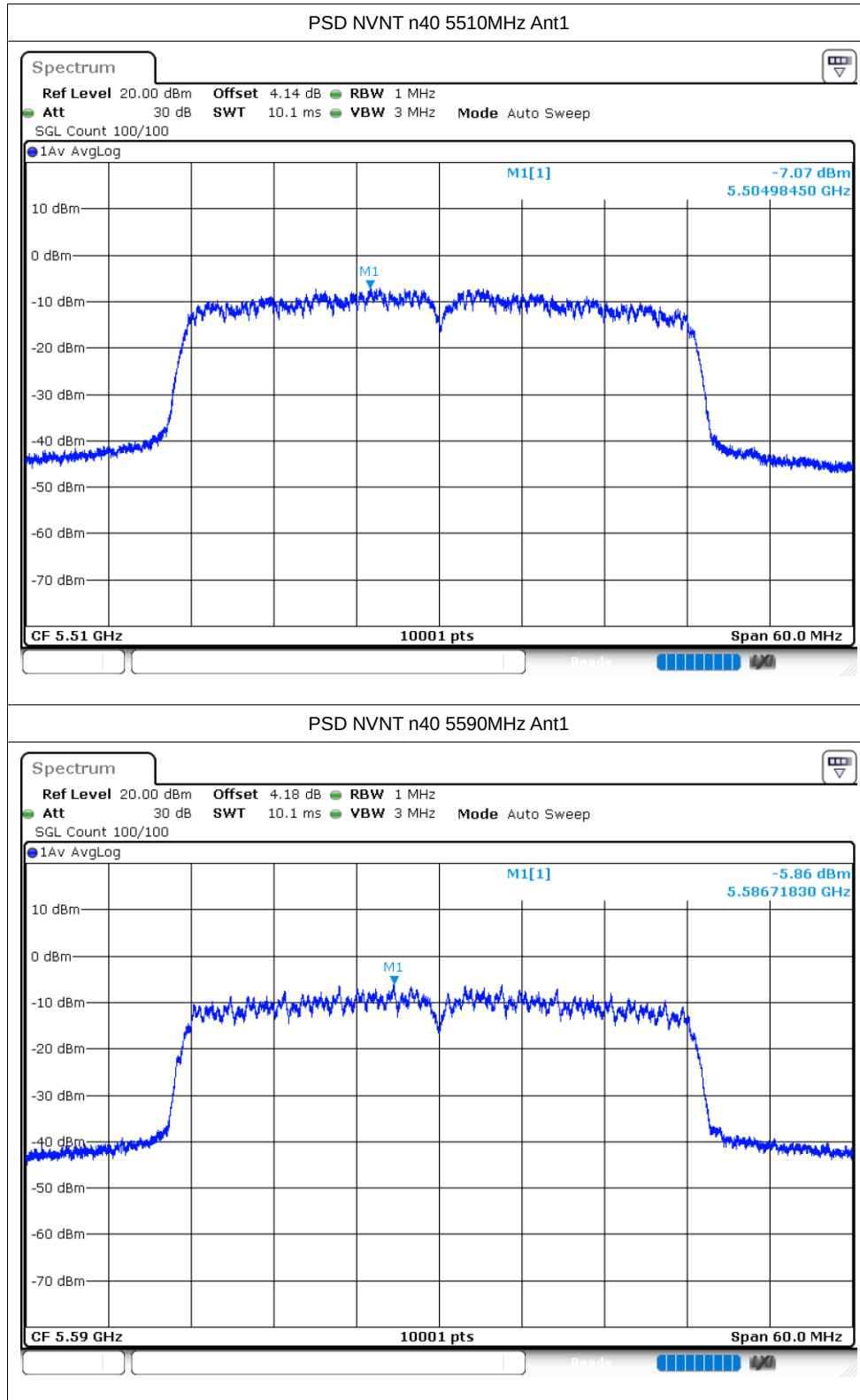


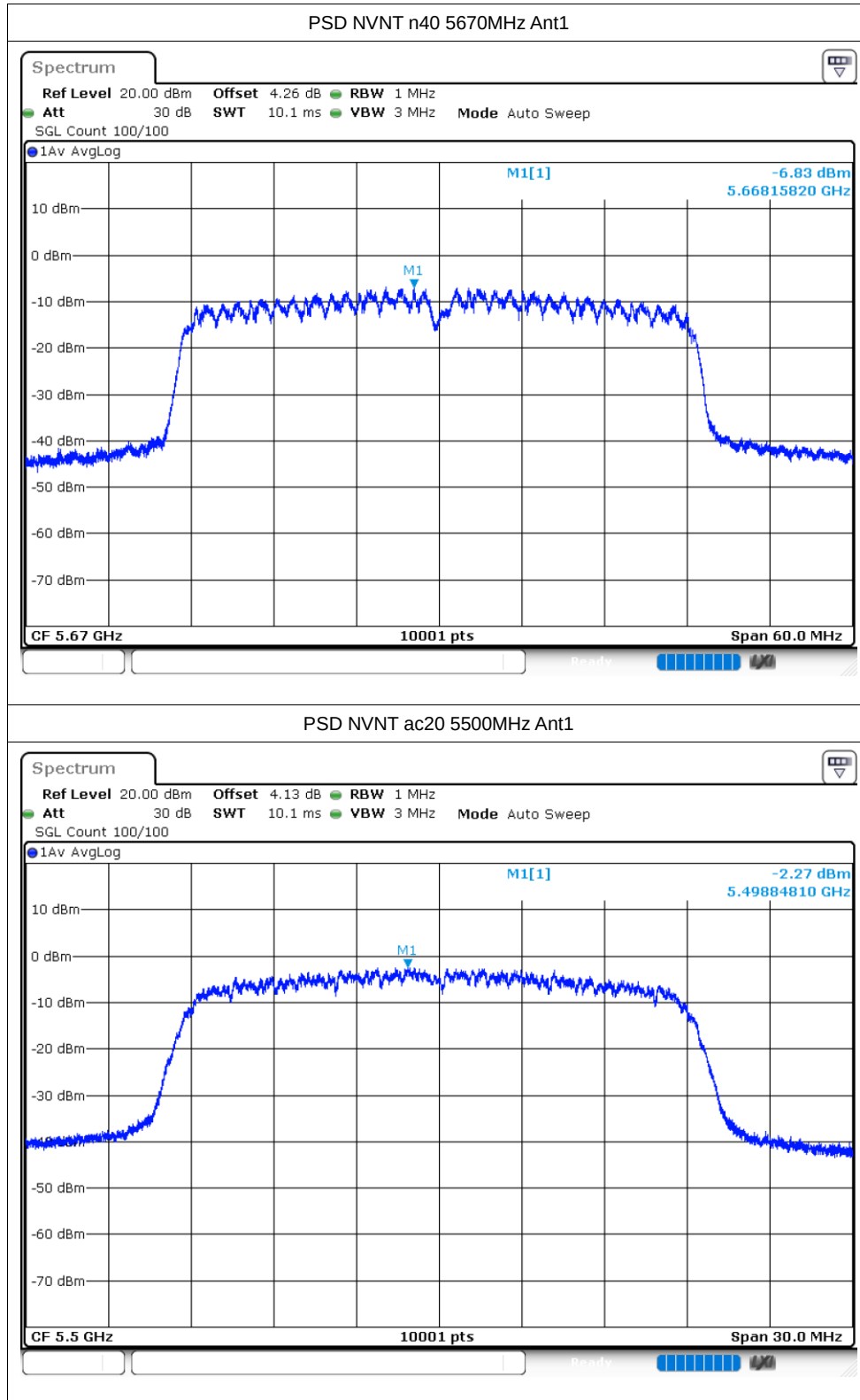
PSD NVNT a 5600MHz Ant1

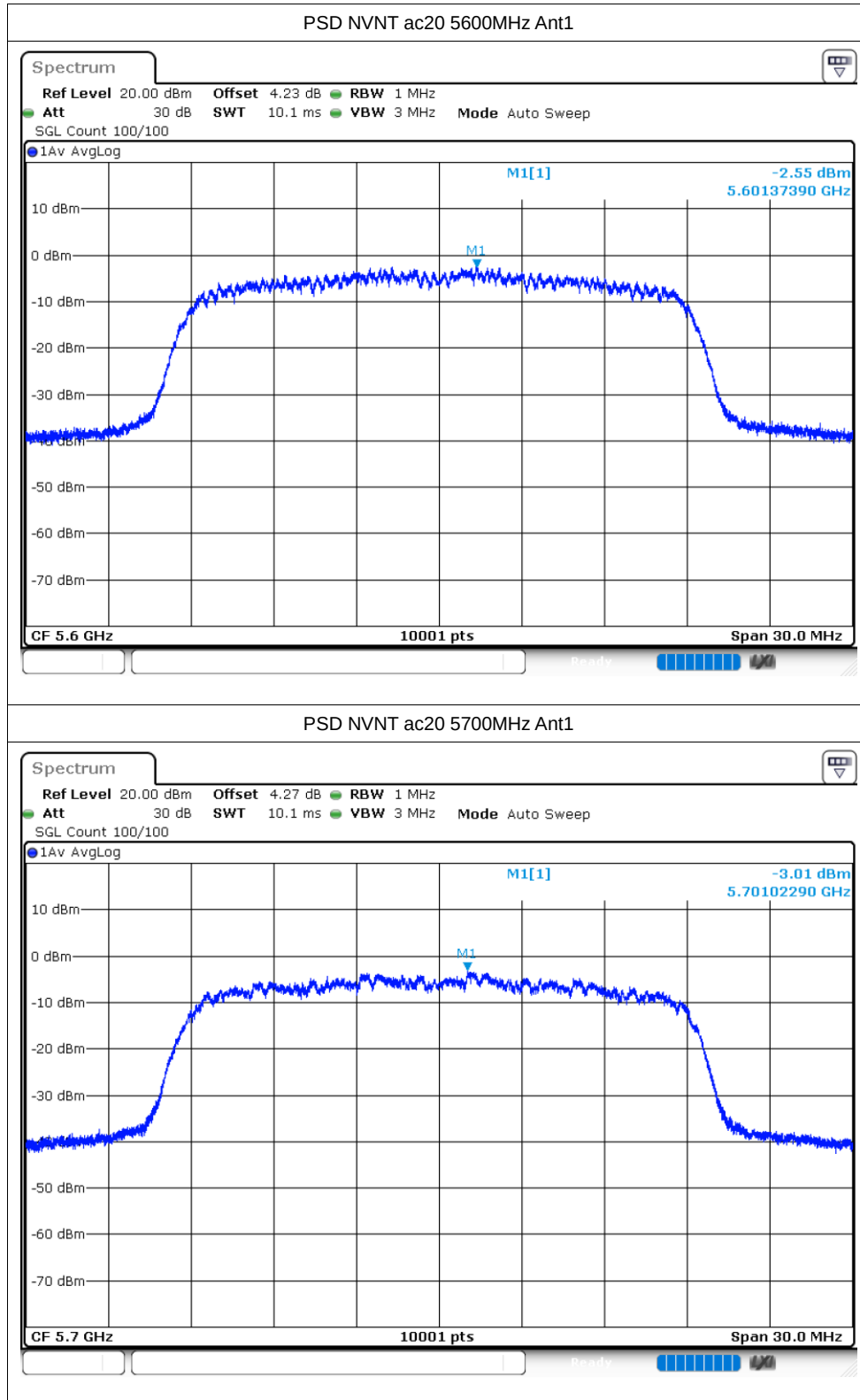


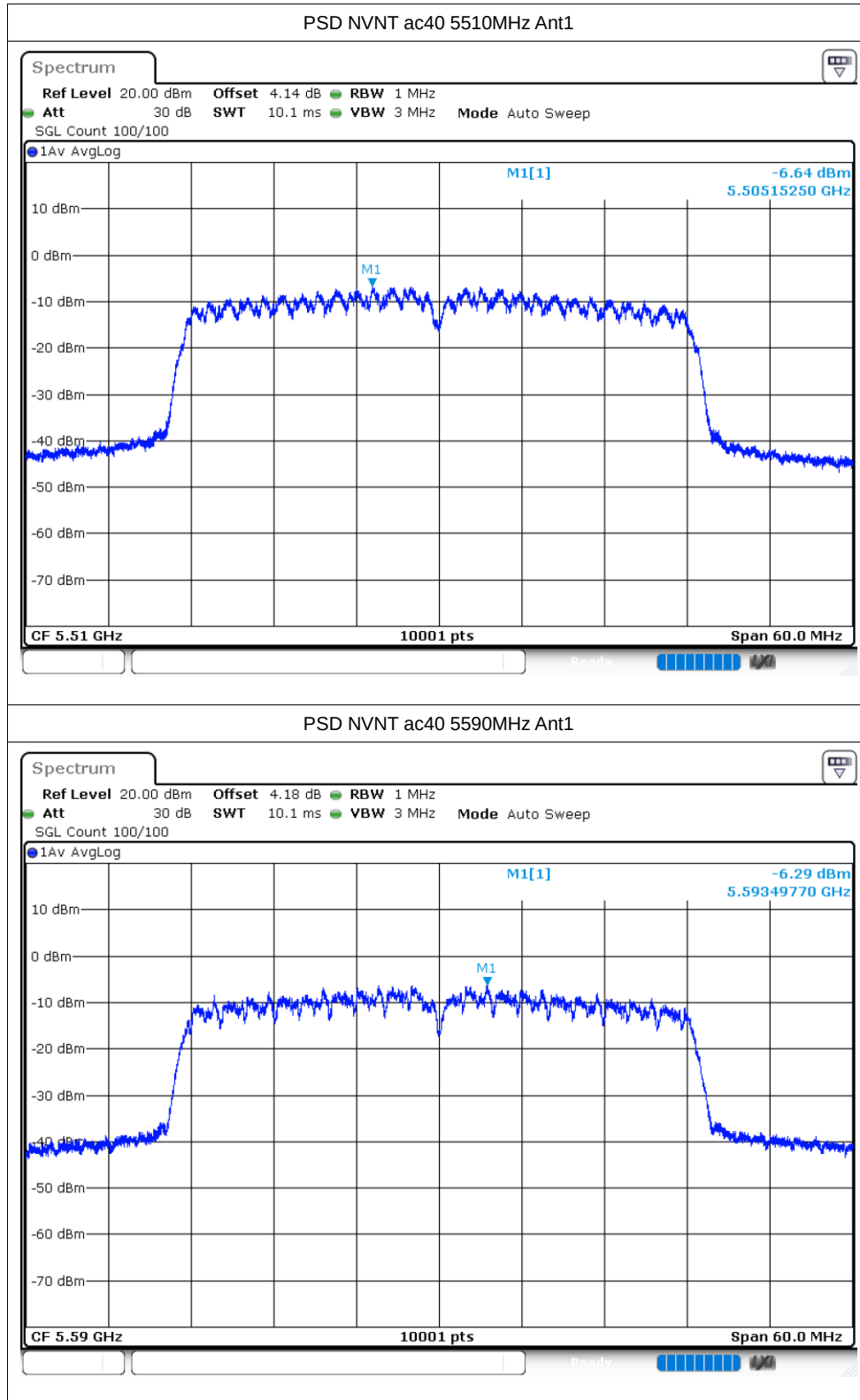


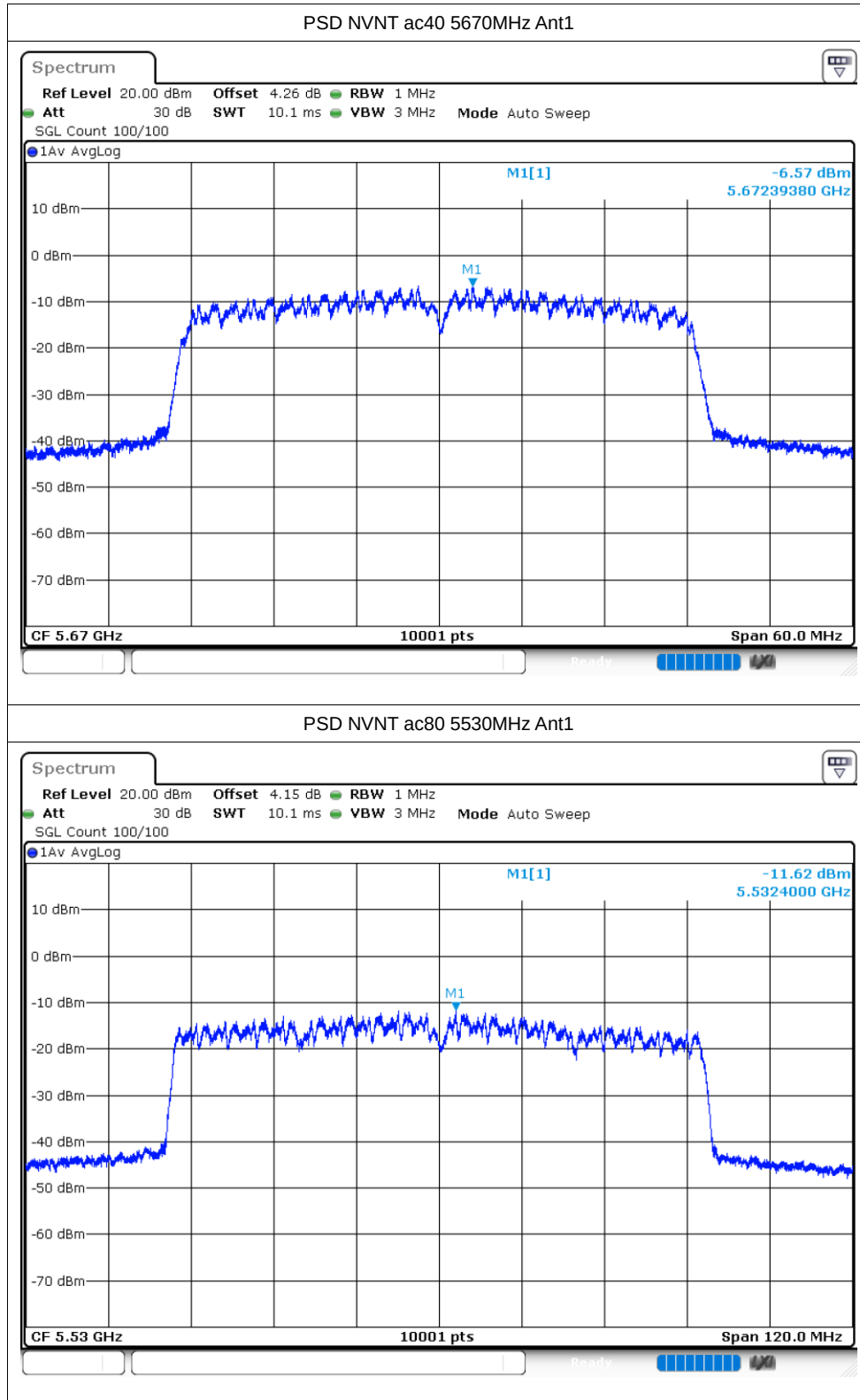


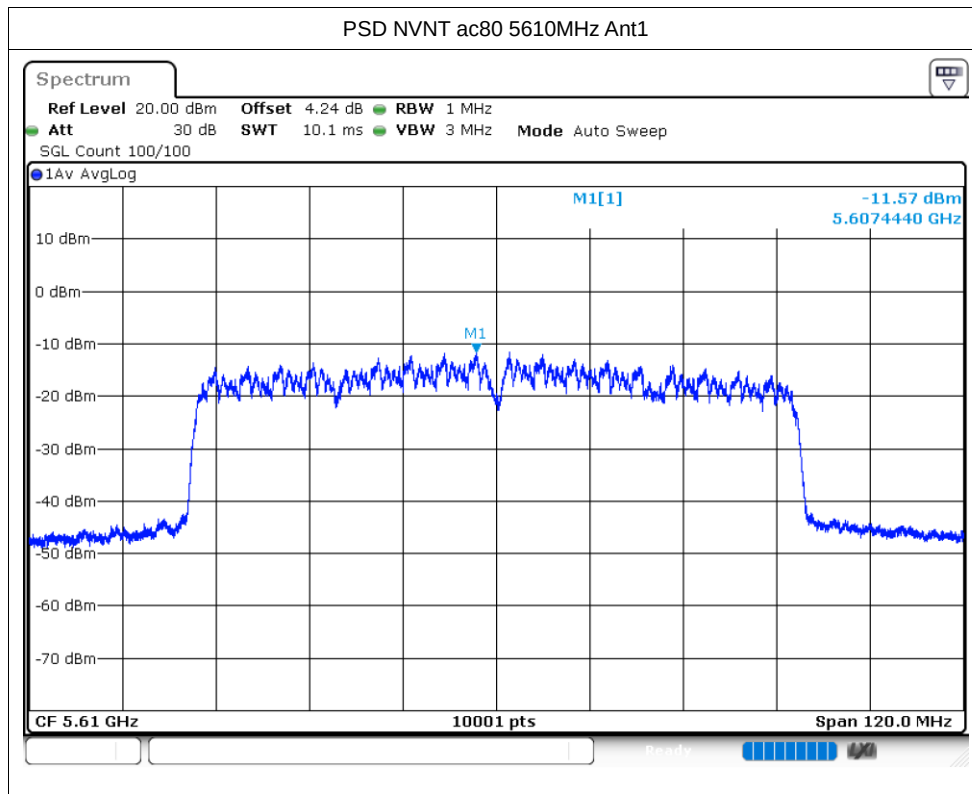












Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-36.2	-27	Pass
NVNT	a	5700	Ant1	-31.17	-27	Pass
NVNT	n20	5500	Ant1	-35.47	-27	Pass
NVNT	n20	5700	Ant1	-31.4	-27	Pass
NVNT	n40	5510	Ant1	-28.22	-27	Pass
NVNT	n40	5670	Ant1	-35.51	-27	Pass
NVNT	ac20	5500	Ant1	-35.12	-27	Pass
NVNT	ac20	5700	Ant1	-32.55	-27	Pass
NVNT	ac40	5510	Ant1	-32.03	-27	Pass
NVNT	ac40	5670	Ant1	-36.65	-27	Pass
NVNT	ac80	5530	Ant1	-27.76	-27	Pass
NVNT	ac80	5610	Ant1	-38.84	-27	Pass

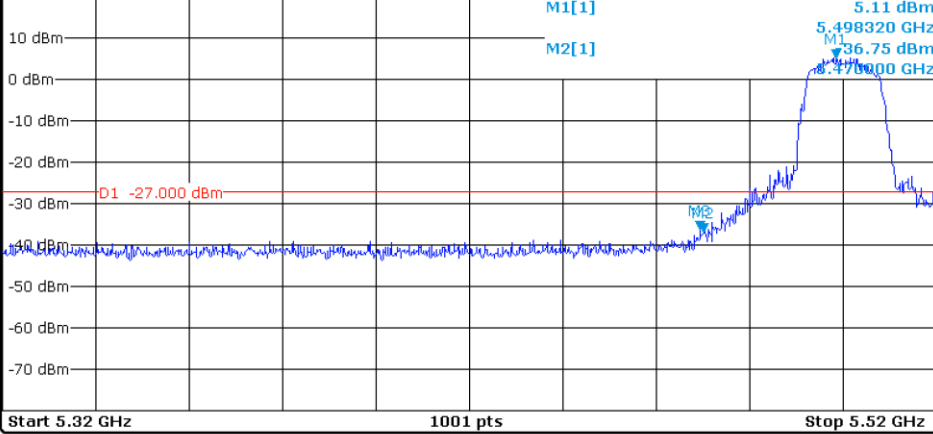
Test Graphs

Band Edge NVNT a 5500MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 2.17 dB RBW 1 MHz
Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

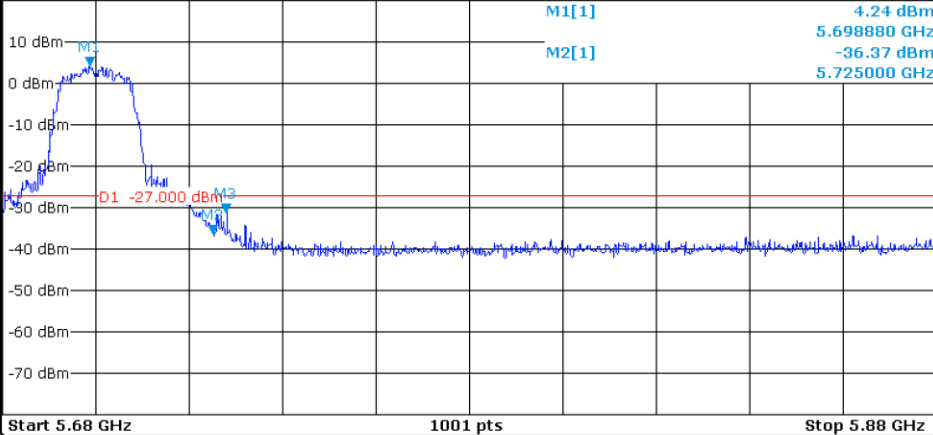
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.49832 GHz	5.11 dBm		
M2	1		5.47 GHz	-36.75 dBm		
M3	1		5.4694 GHz	-36.21 dBm		

Band Edge NVNT a 5700MHz High Ant1

Spectrum

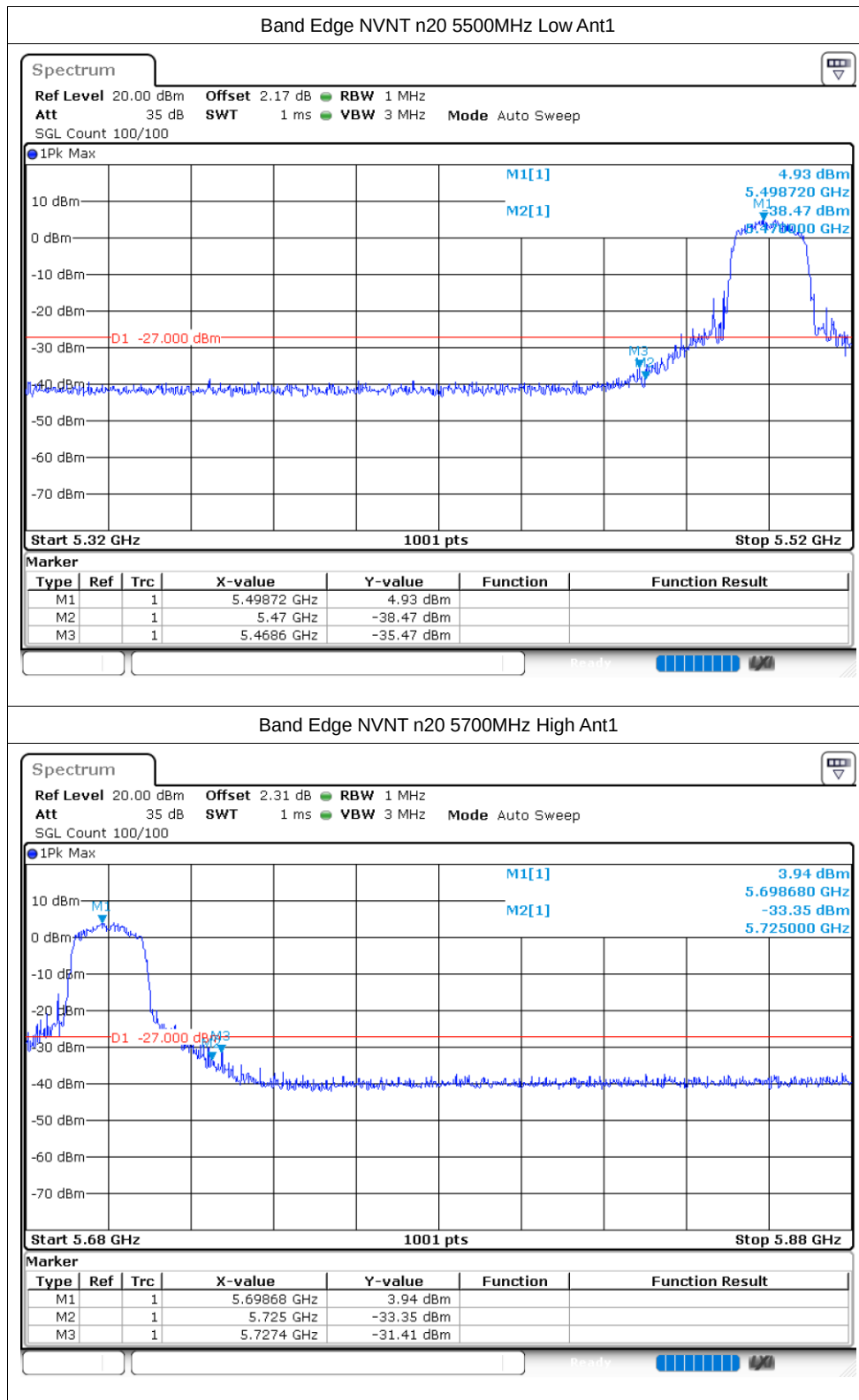
Ref Level 20.00 dBm Offset 2.31 dB RBW 1 MHz
Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.69888 GHz	4.24 dBm		
M2	1		5.725 GHz	-36.37 dBm		
M3	1		5.728 GHz	-31.18 dBm		

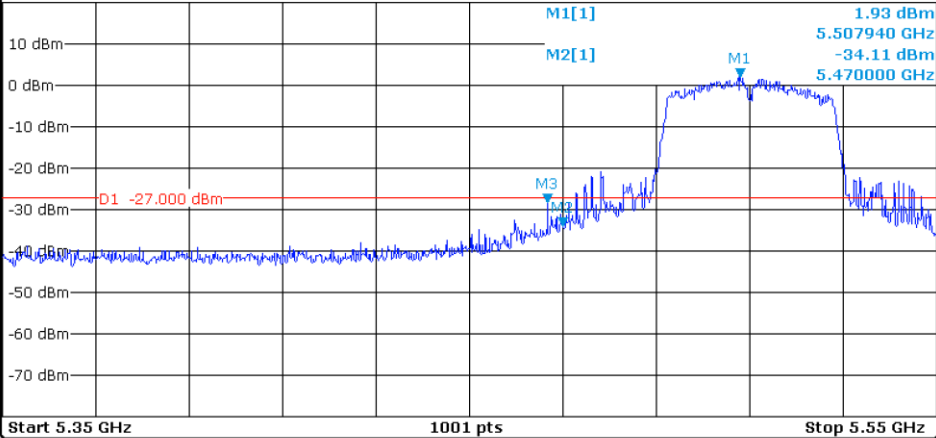


Band Edge NVNT n40 5510MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 2.18 dB RBW 1 MHz
Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

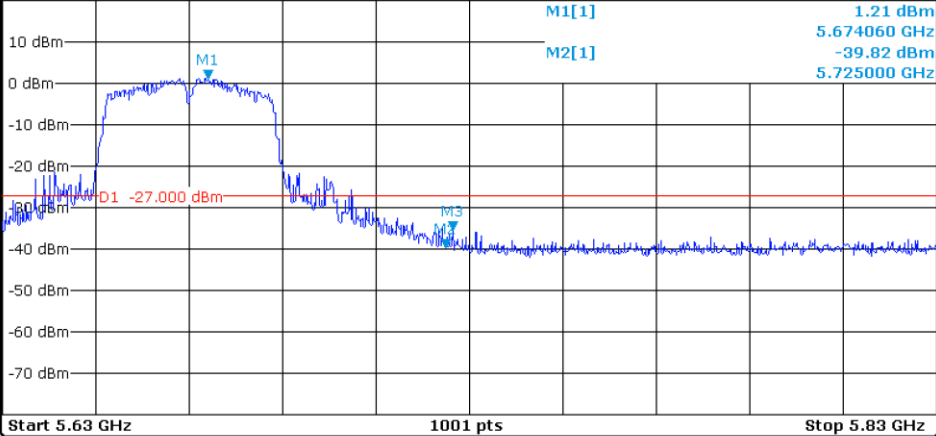
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.50794 GHz	1.93 dBm		
M2	1		5.47 GHz	-34.11 dBm		
M3	1		5.4666 GHz	-28.23 dBm		

Band Edge NVNT n40 5670MHz High Ant1

Spectrum

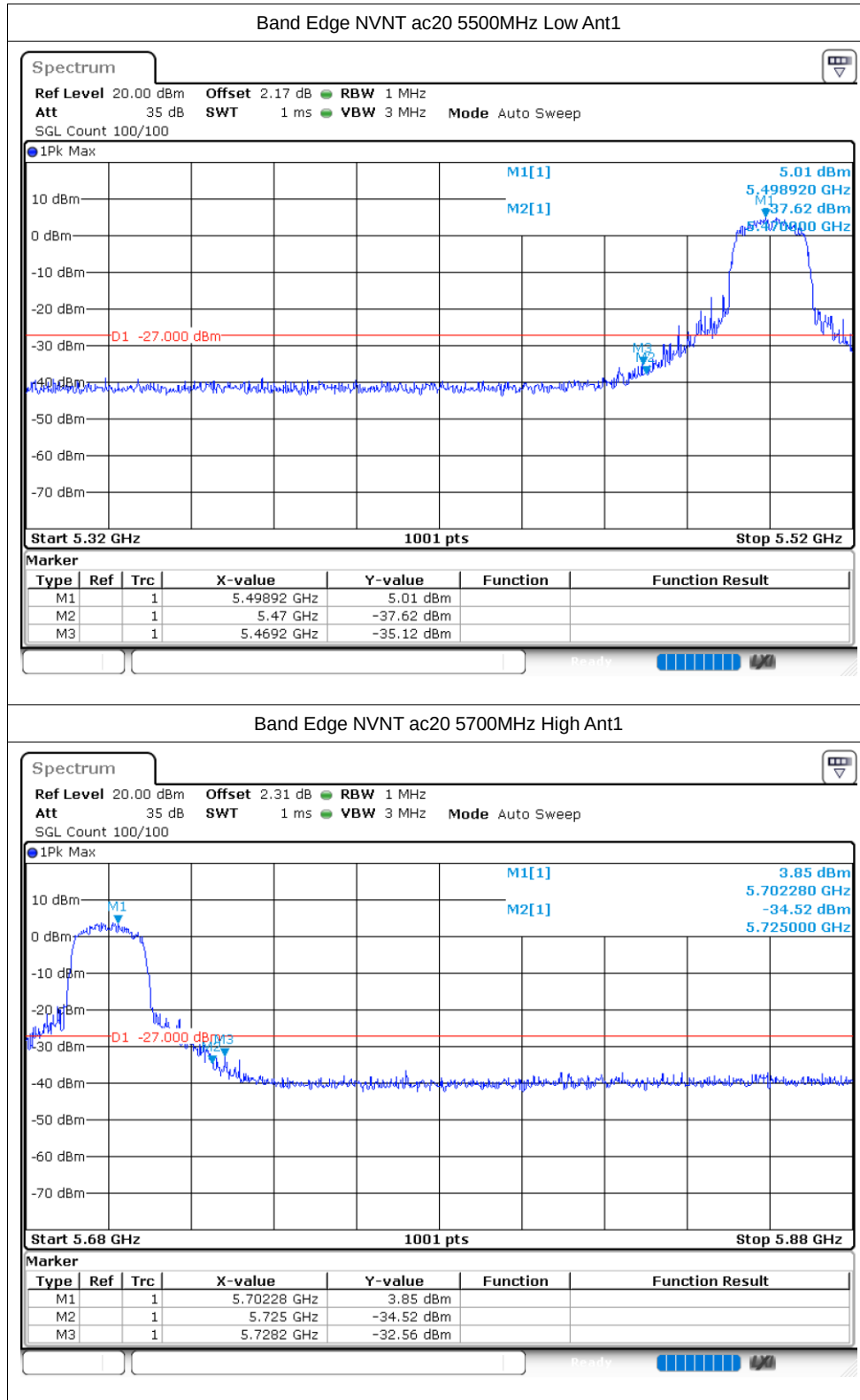
Ref Level 20.00 dBm Offset 2.30 dB RBW 1 MHz
Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.67406 GHz	1.21 dBm		
M2	1		5.725 GHz	-39.82 dBm		
M3	1		5.7264 GHz	-35.51 dBm		

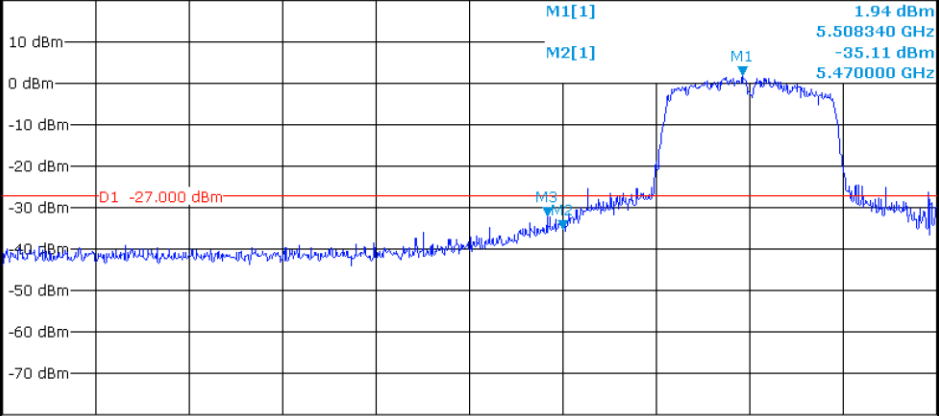


Band Edge NVNT ac40 5510MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 2.18 dB RBW 1 MHz
Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

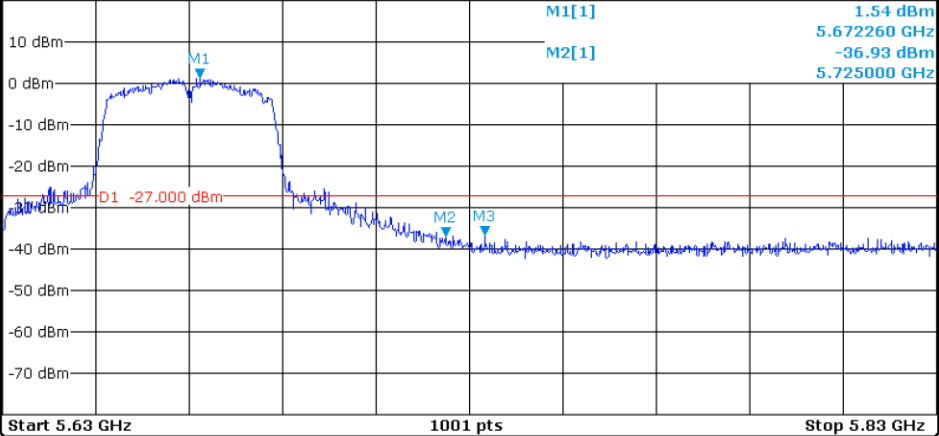
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.50834 GHz	1.94 dBm		
M2	1	1	5.47 GHz	-35.11 dBm		
M3	1	1	5.4666 GHz	-32.04 dBm		

Band Edge NVNT ac40 5670MHz High Ant1

Spectrum

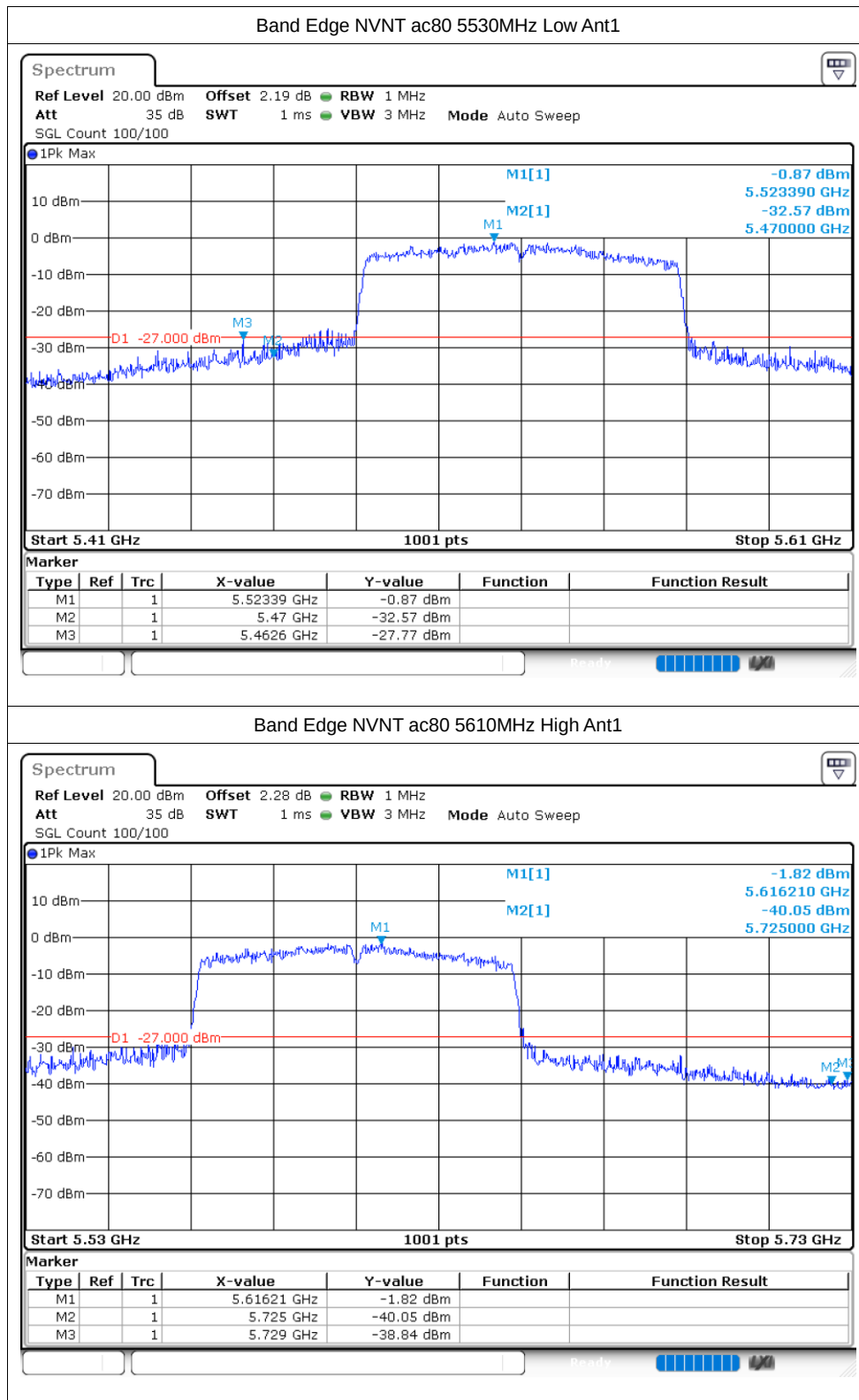
Ref Level 20.00 dBm Offset 2.30 dB RBW 1 MHz
Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.67226 GHz	1.54 dBm		
M2	1	1	5.725 GHz	-36.93 dBm		
M3	1	1	5.7334 GHz	-36.66 dBm		

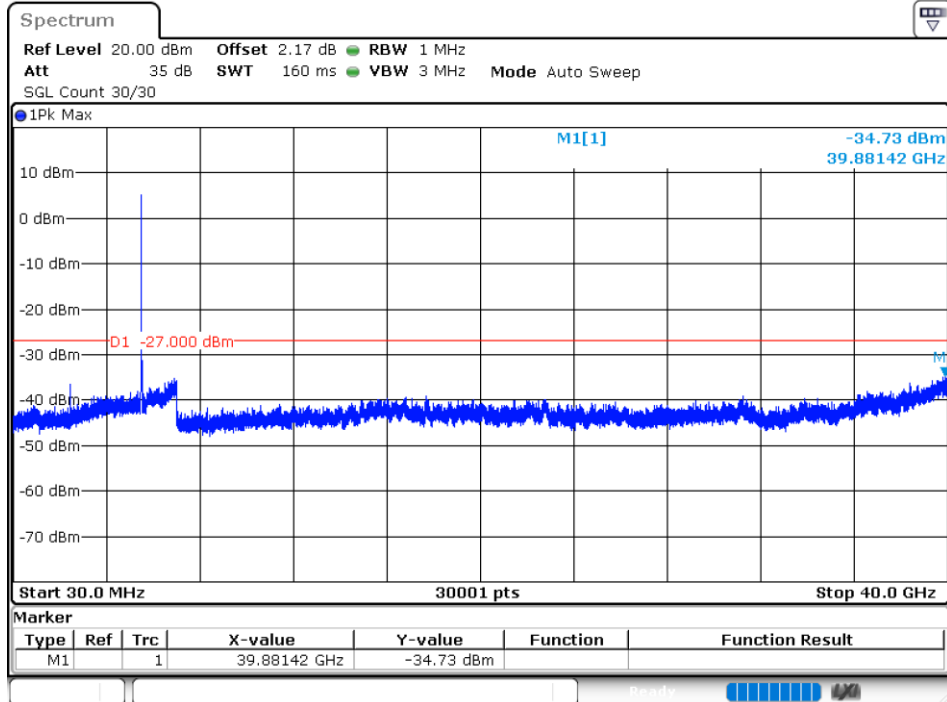


Conducted RF Spurious Emission

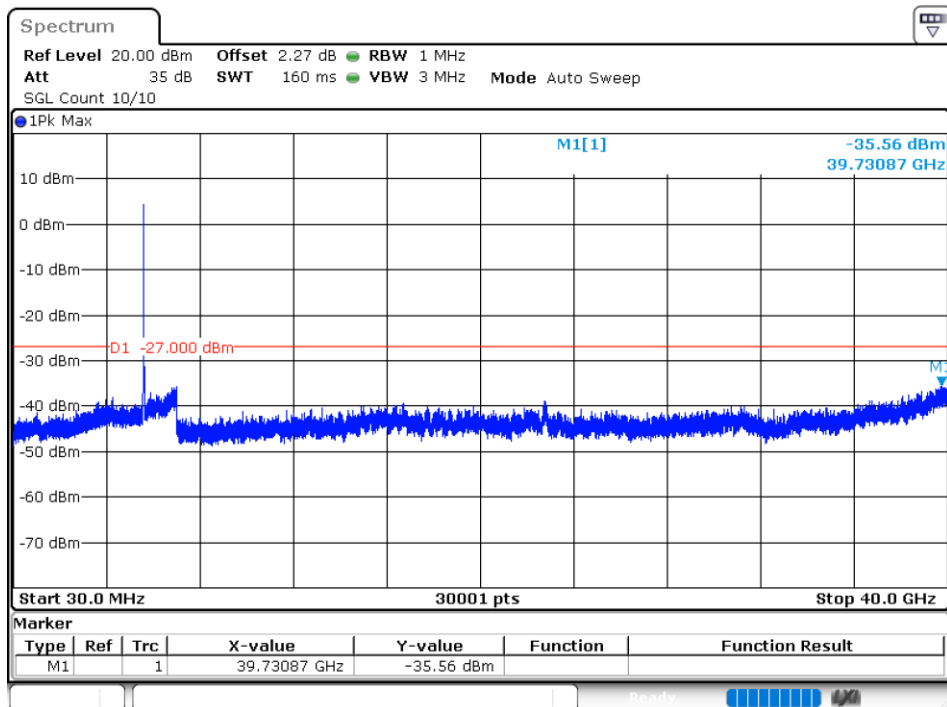
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-34.72	-27	Pass
NVNT	a	5600	Ant1	-35.55	-27	Pass
NVNT	a	5700	Ant1	-35.16	-27	Pass
NVNT	n20	5500	Ant1	-34.56	-27	Pass
NVNT	n20	5600	Ant1	-34.98	-27	Pass
NVNT	n20	5700	Ant1	-34.12	-27	Pass
NVNT	n40	5510	Ant1	-34.96	-27	Pass
NVNT	n40	5590	Ant1	-34.9	-27	Pass
NVNT	n40	5670	Ant1	-34.13	-27	Pass
NVNT	ac20	5500	Ant1	-34.92	-27	Pass
NVNT	ac20	5600	Ant1	-34.72	-27	Pass
NVNT	ac20	5700	Ant1	-34.4	-27	Pass
NVNT	ac40	5510	Ant1	-35.71	-27	Pass
NVNT	ac40	5590	Ant1	-35.18	-27	Pass
NVNT	ac40	5670	Ant1	-34.6	-27	Pass
NVNT	ac80	5530	Ant1	-34.8	-27	Pass
NVNT	ac80	5610	Ant1	-34.83	-27	Pass

Test Graphs

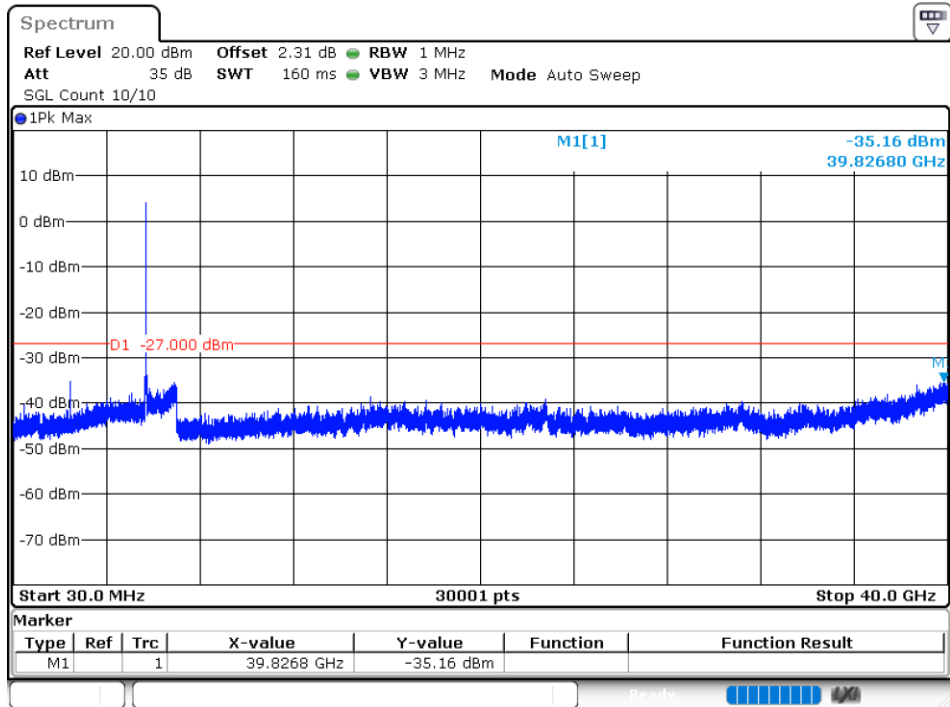
Tx. Spurious NVNT a 5500MHz Ant1 Emission



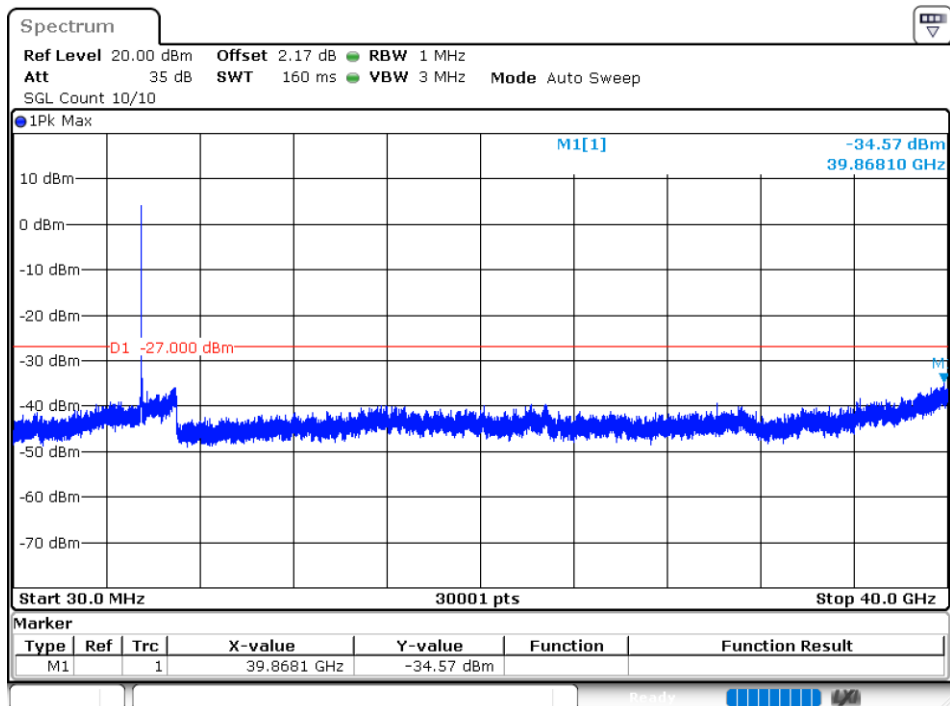
Tx. Spurious NVNT a 5600MHz Ant1 Emission

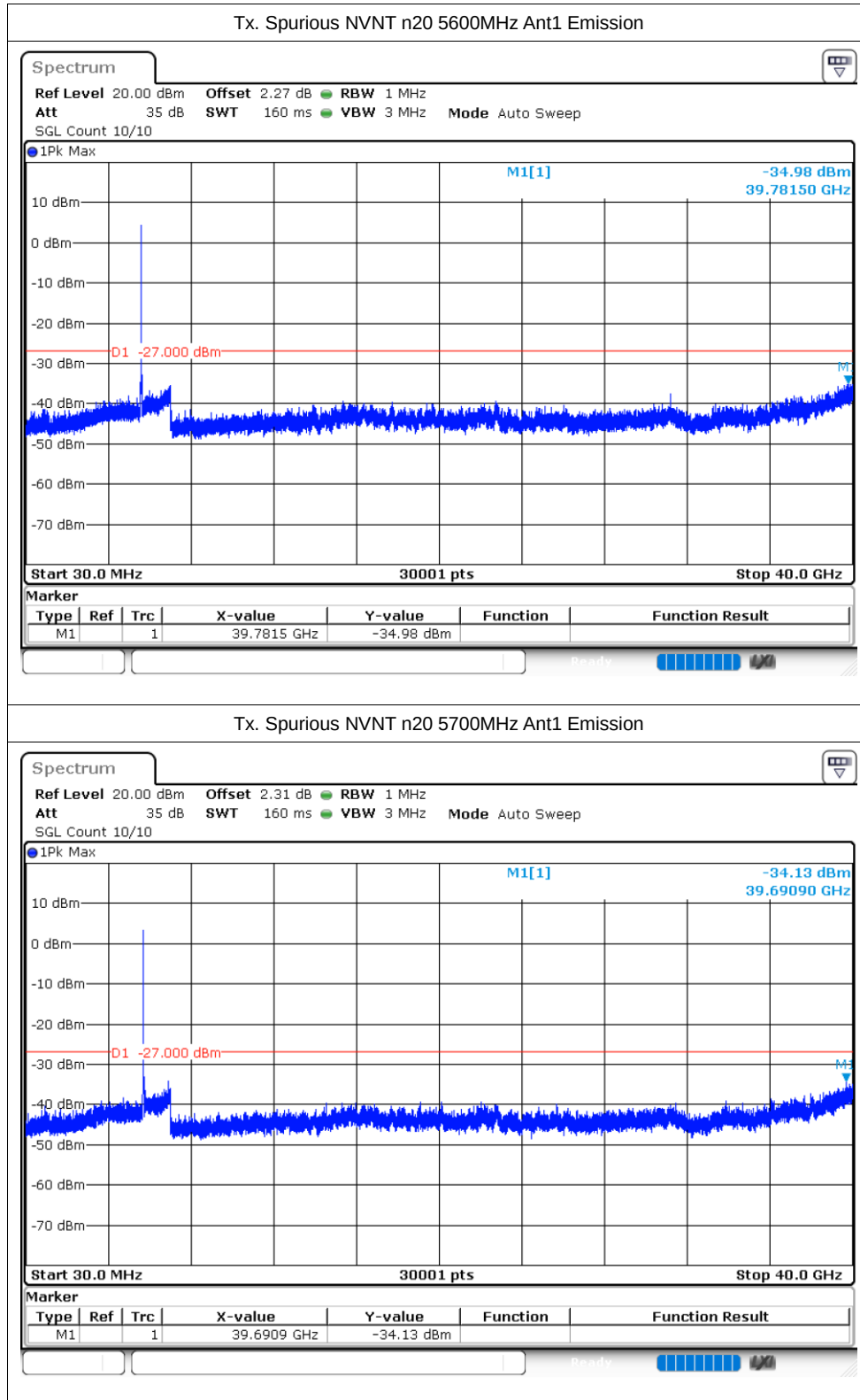


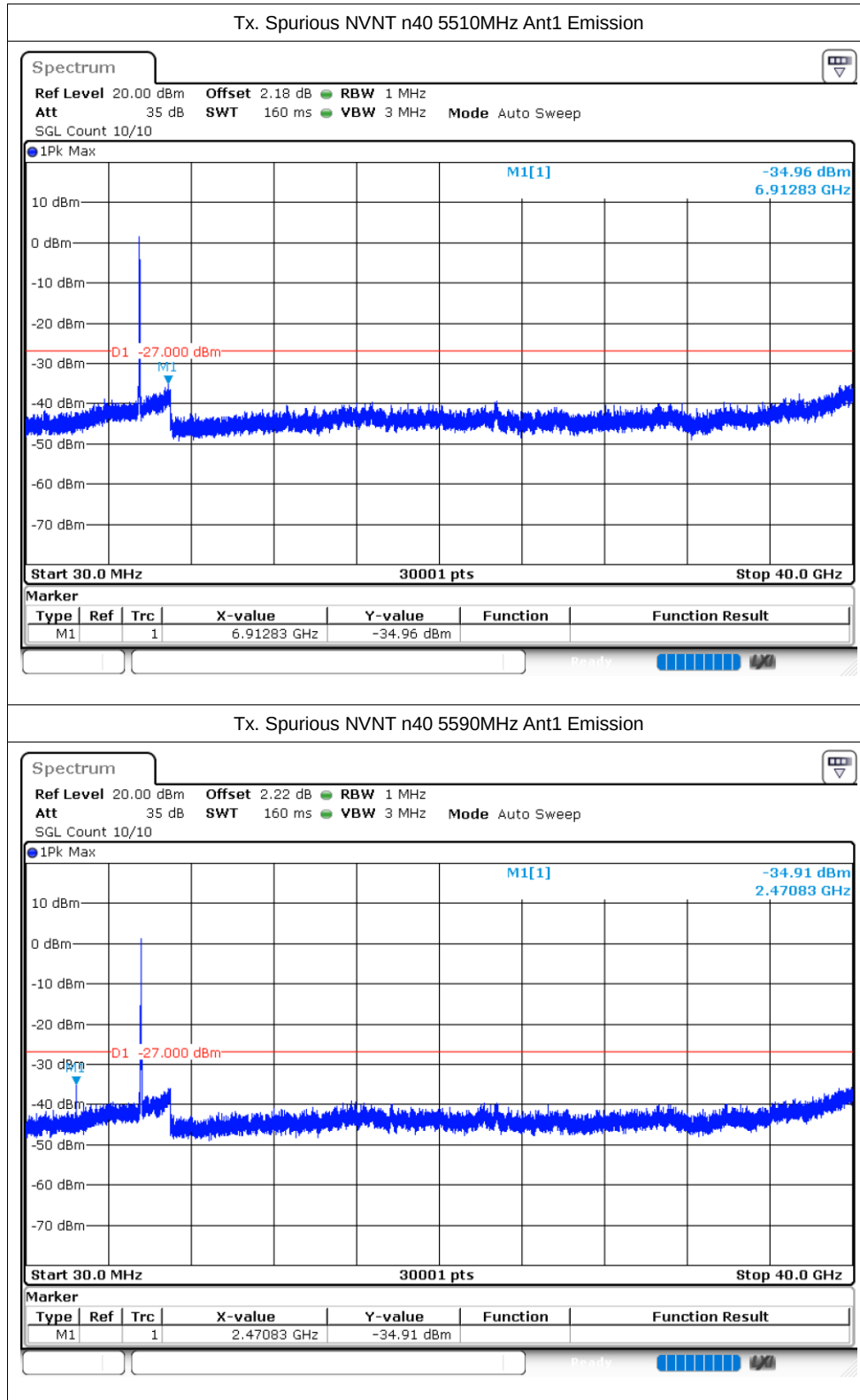
Tx. Spurious NVNT a 5700MHz Ant1 Emission

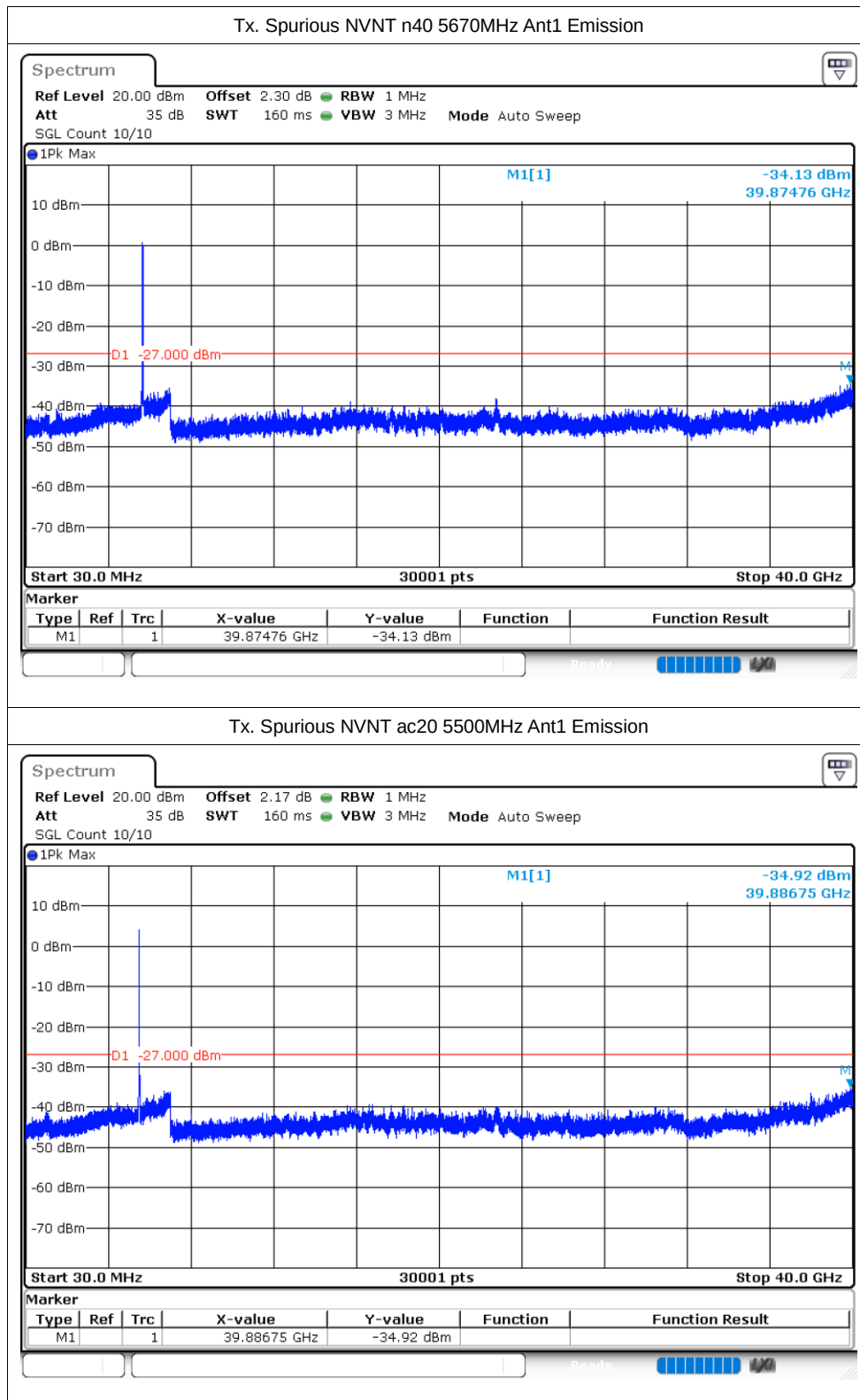


Tx. Spurious NVNT n20 5500MHz Ant1 Emission

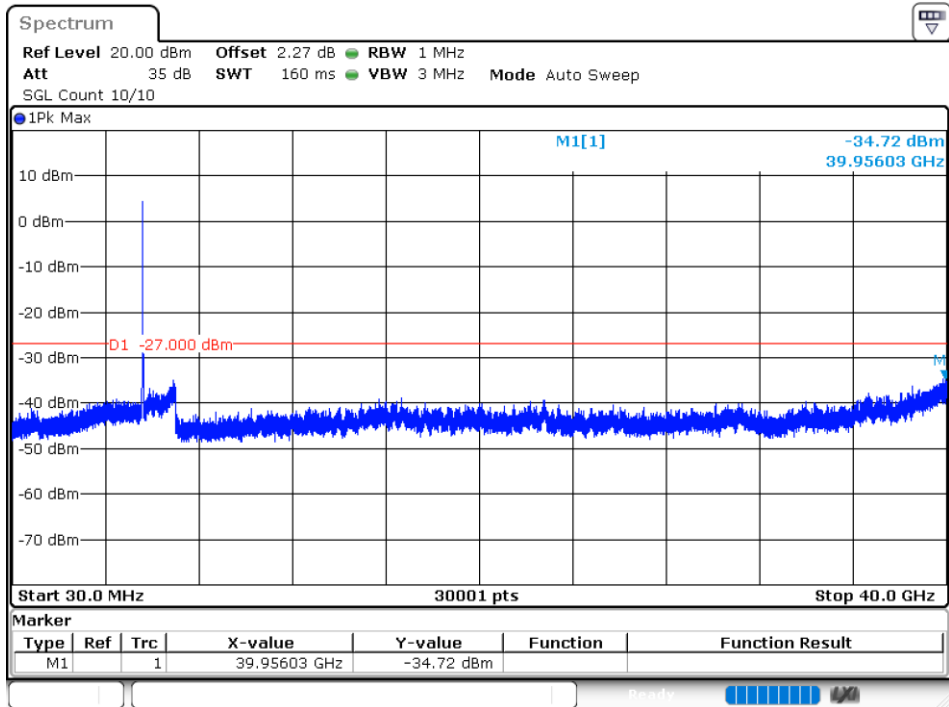




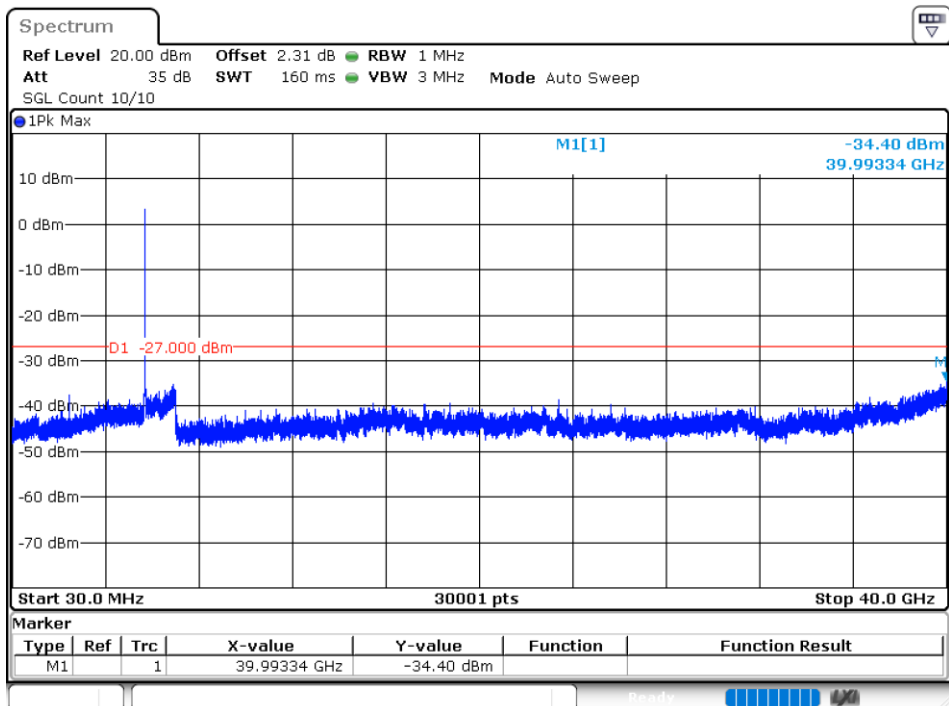




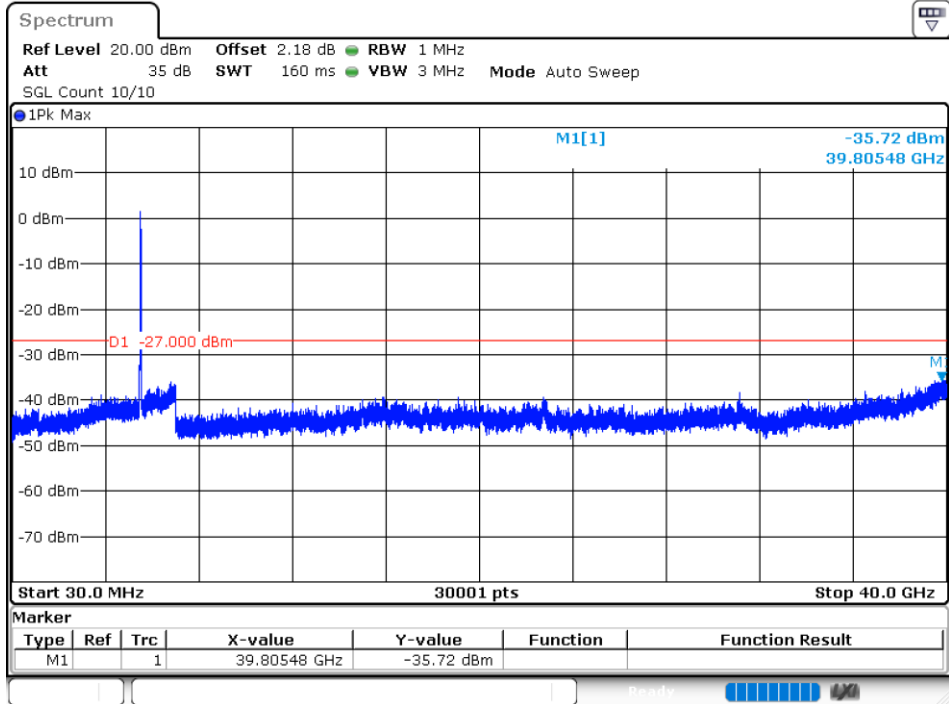
Tx. Spurious NVNT ac20 5600MHz Ant1 Emission



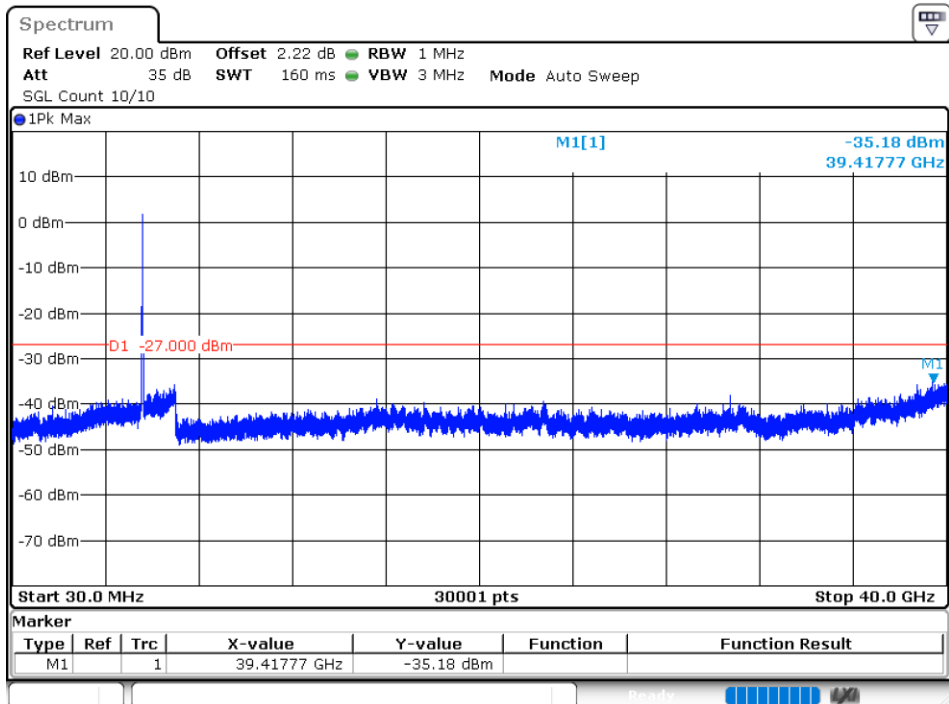
Tx. Spurious NVNT ac20 5700MHz Ant1 Emission

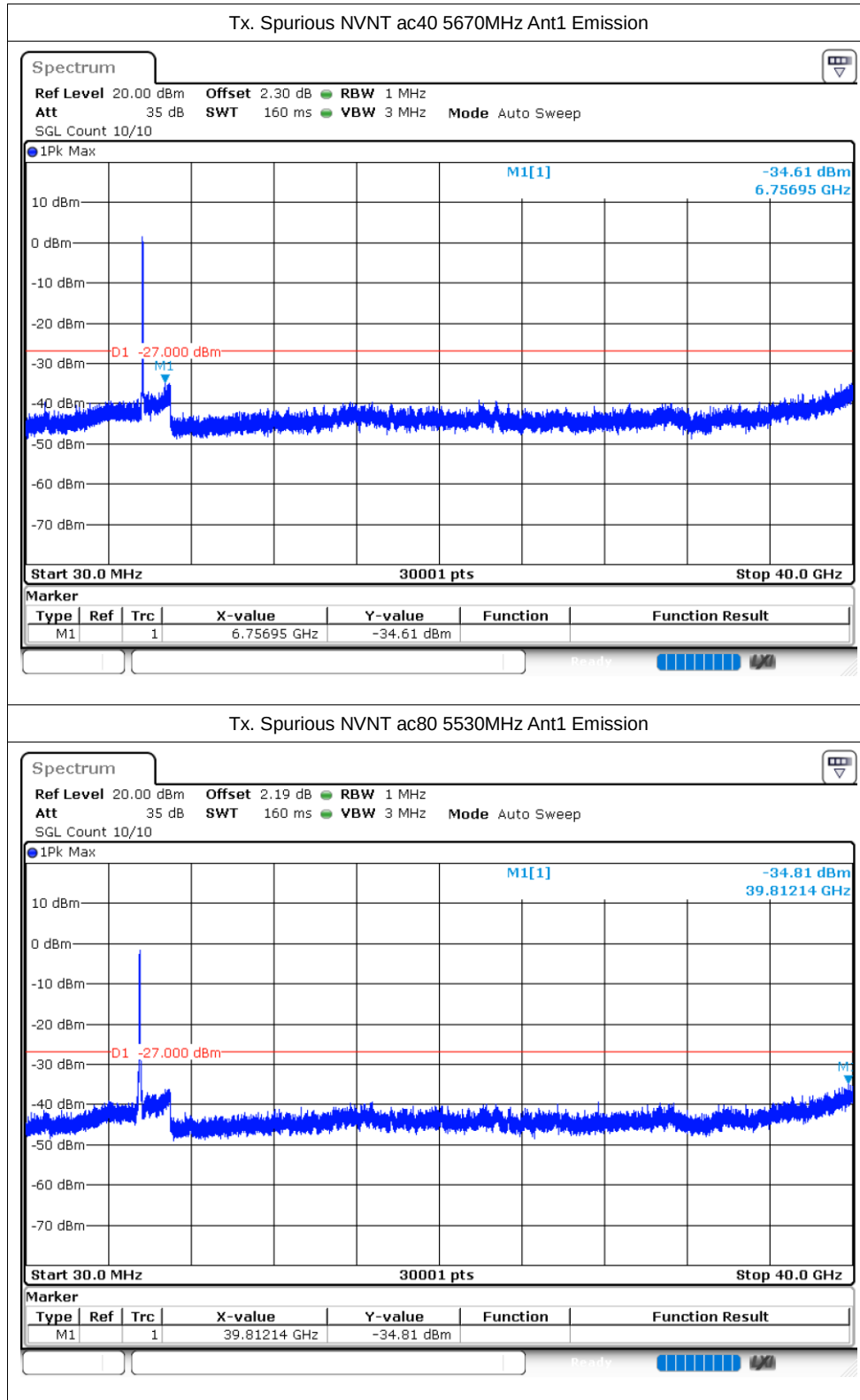


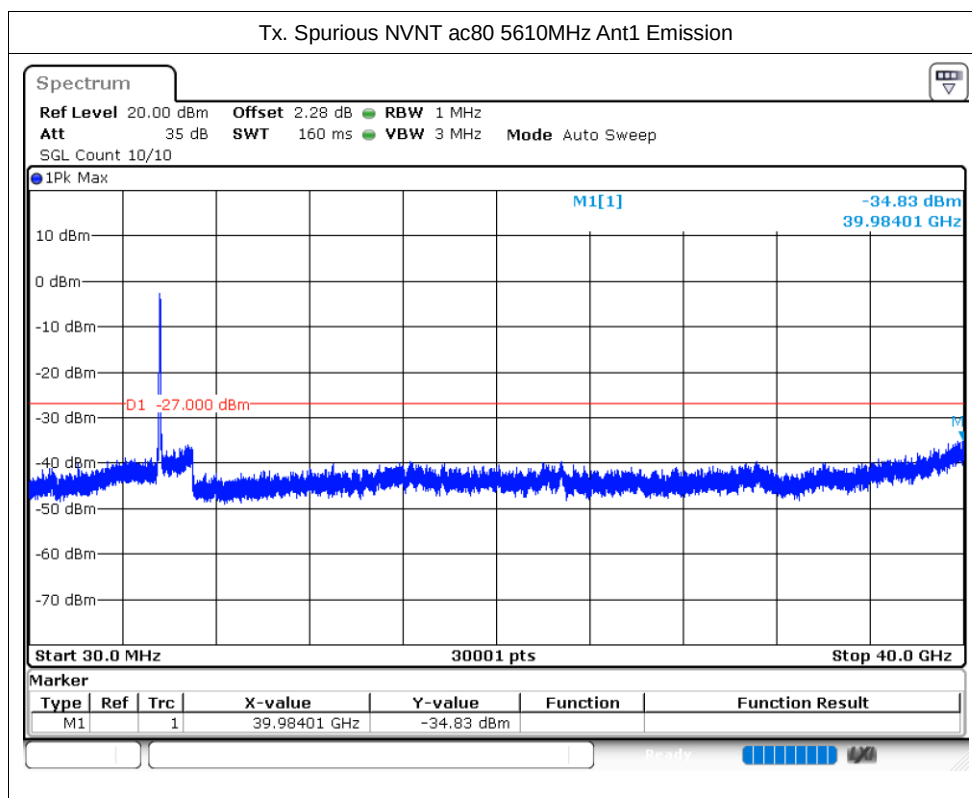
Tx. Spurious NVNT ac40 5510MHz Ant1 Emission



Tx. Spurious NVNT ac40 5590MHz Ant1 Emission







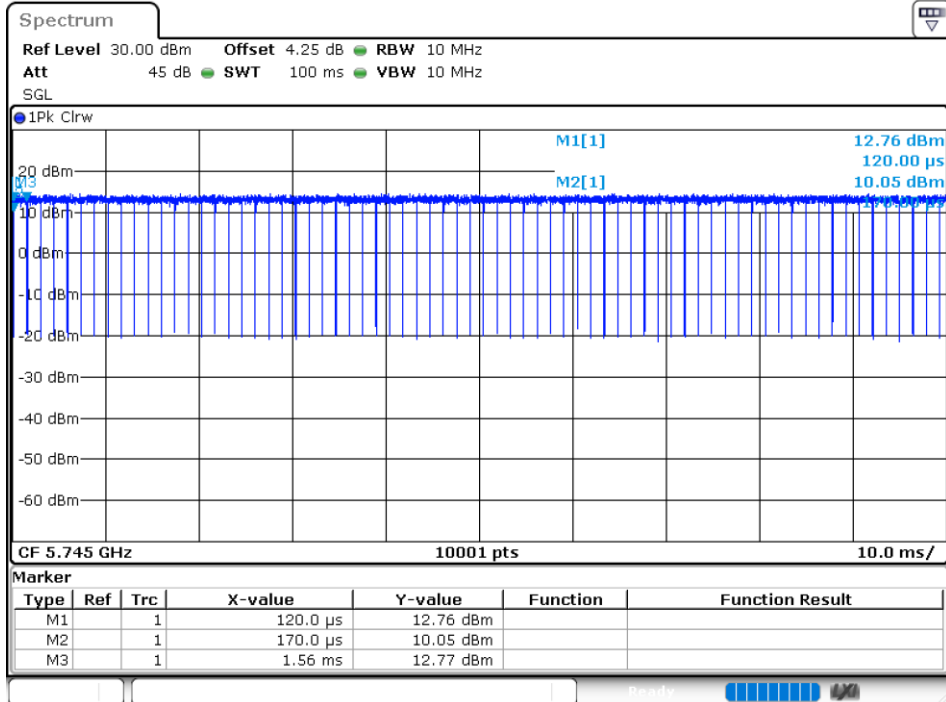
5.8G WIFI

Duty Cycle

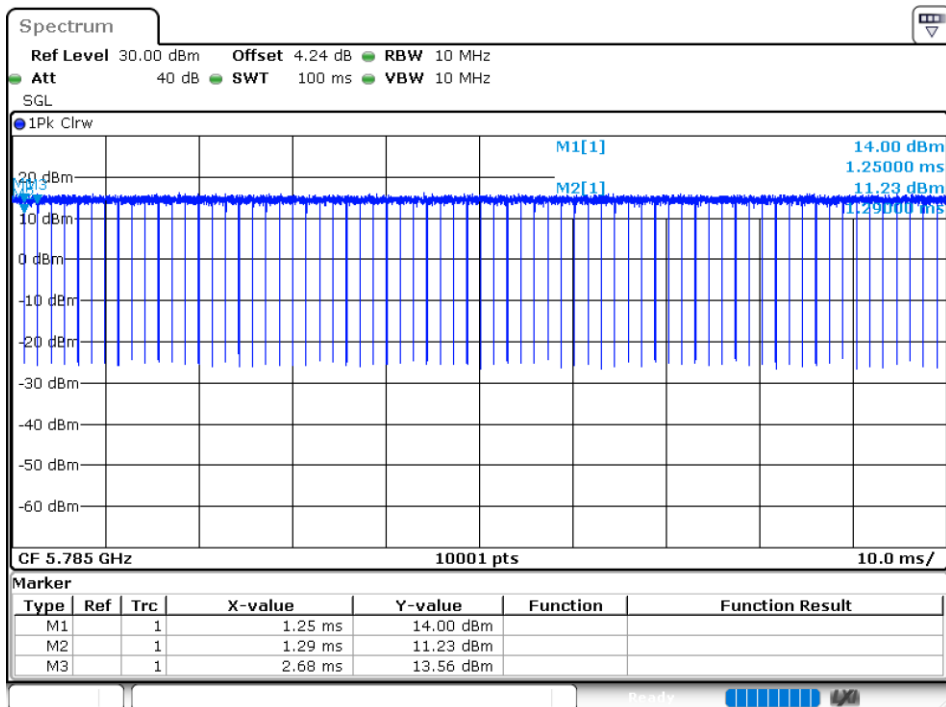
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	97.58	0.11	0.72
NVNT	a	5785	Ant1	97.62	0.1	0.72
NVNT	a	5825	Ant1	99.19	0.04	0.35
NVNT	n20	5745	Ant1	97.44	0.11	0.77
NVNT	n20	5785	Ant1	97.4	0.11	0.77
NVNT	n20	5825	Ant1	99.21	0.03	0.75
NVNT	n40	5755	Ant1	97.66	0.1	1.54
NVNT	n40	5795	Ant1	98.34	0.07	1.47
NVNT	ac20	5745	Ant1	97.45	0.11	0.76
NVNT	ac20	5785	Ant1	97.46	0.11	0.76
NVNT	ac20	5825	Ant1	97.46	0.11	0.76
NVNT	ac40	5755	Ant1	95.09	0.22	1.54
NVNT	ac40	5795	Ant1	95.09	0.22	1.52
NVNT	ac80	5775	Ant1	90.66	0.43	3.13

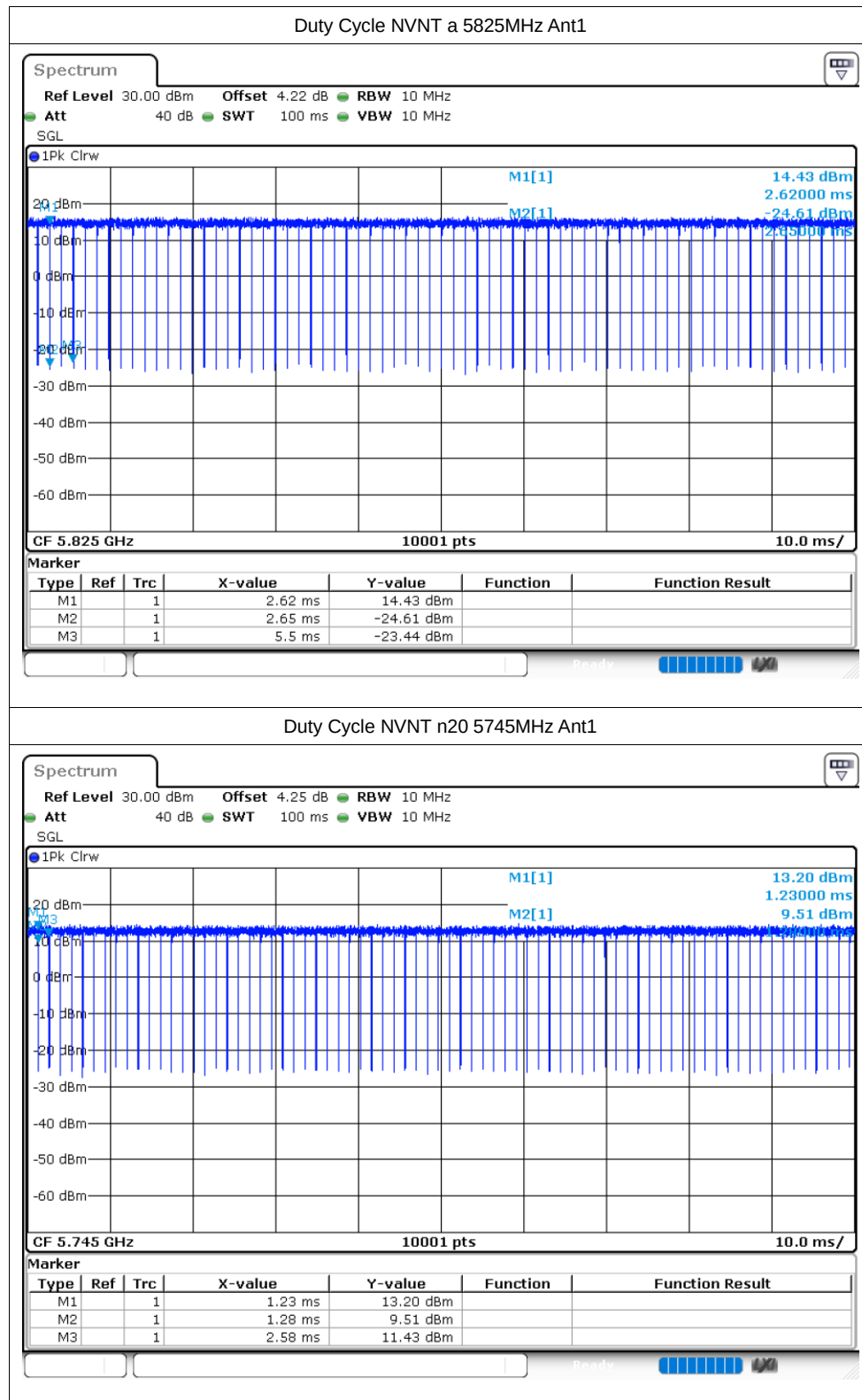
Test Graphs

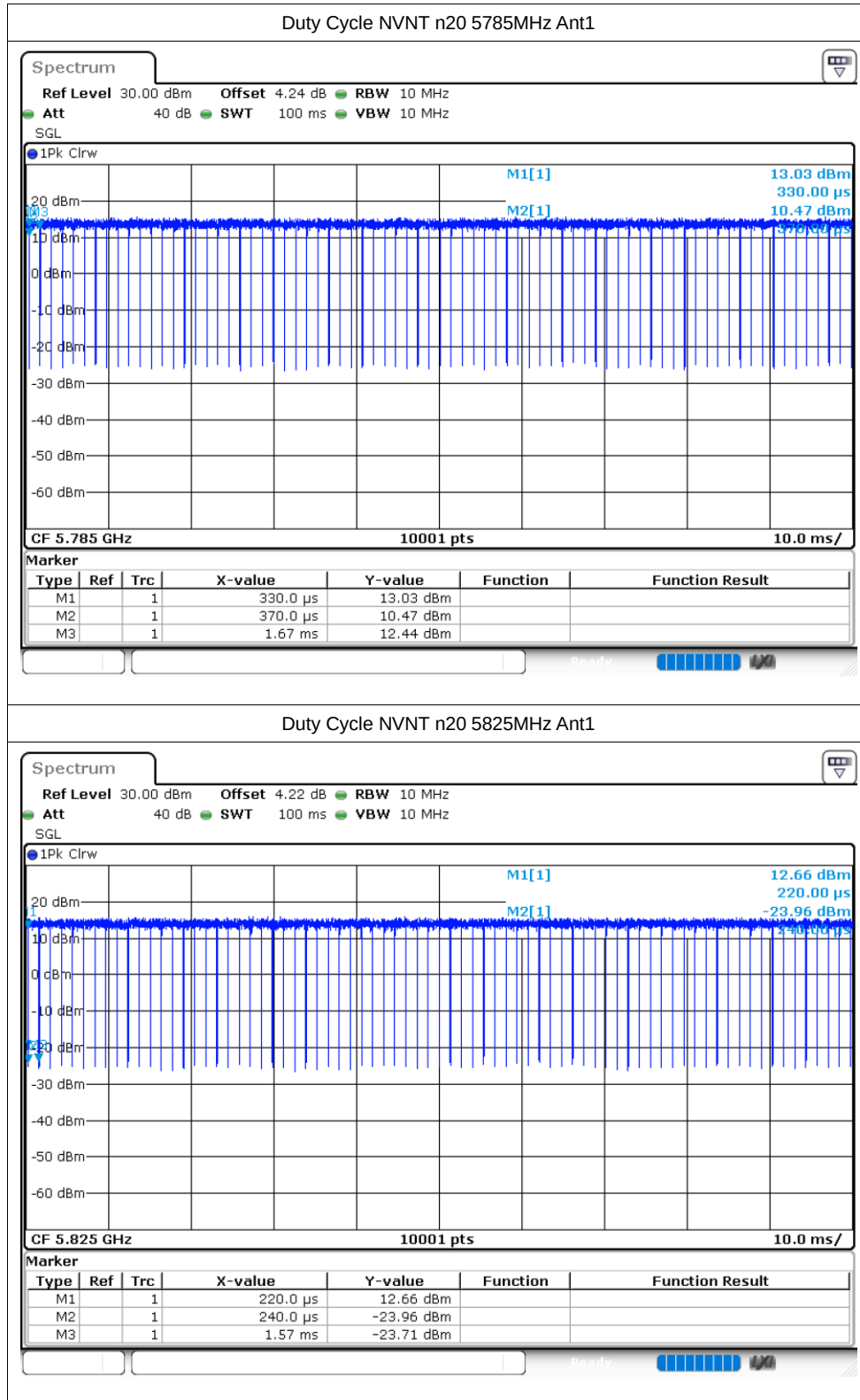
Duty Cycle NVNT a 5745MHz Ant1

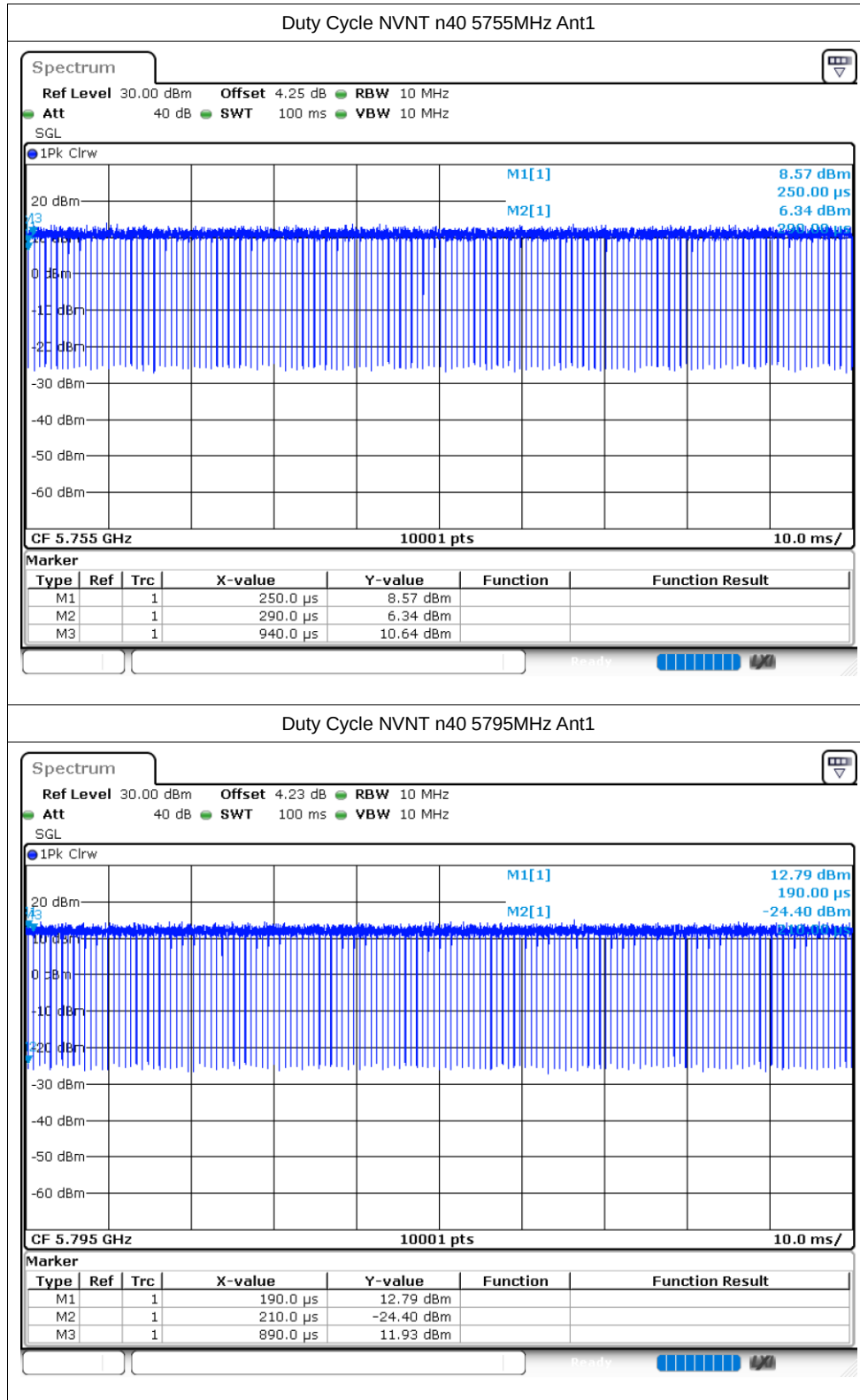


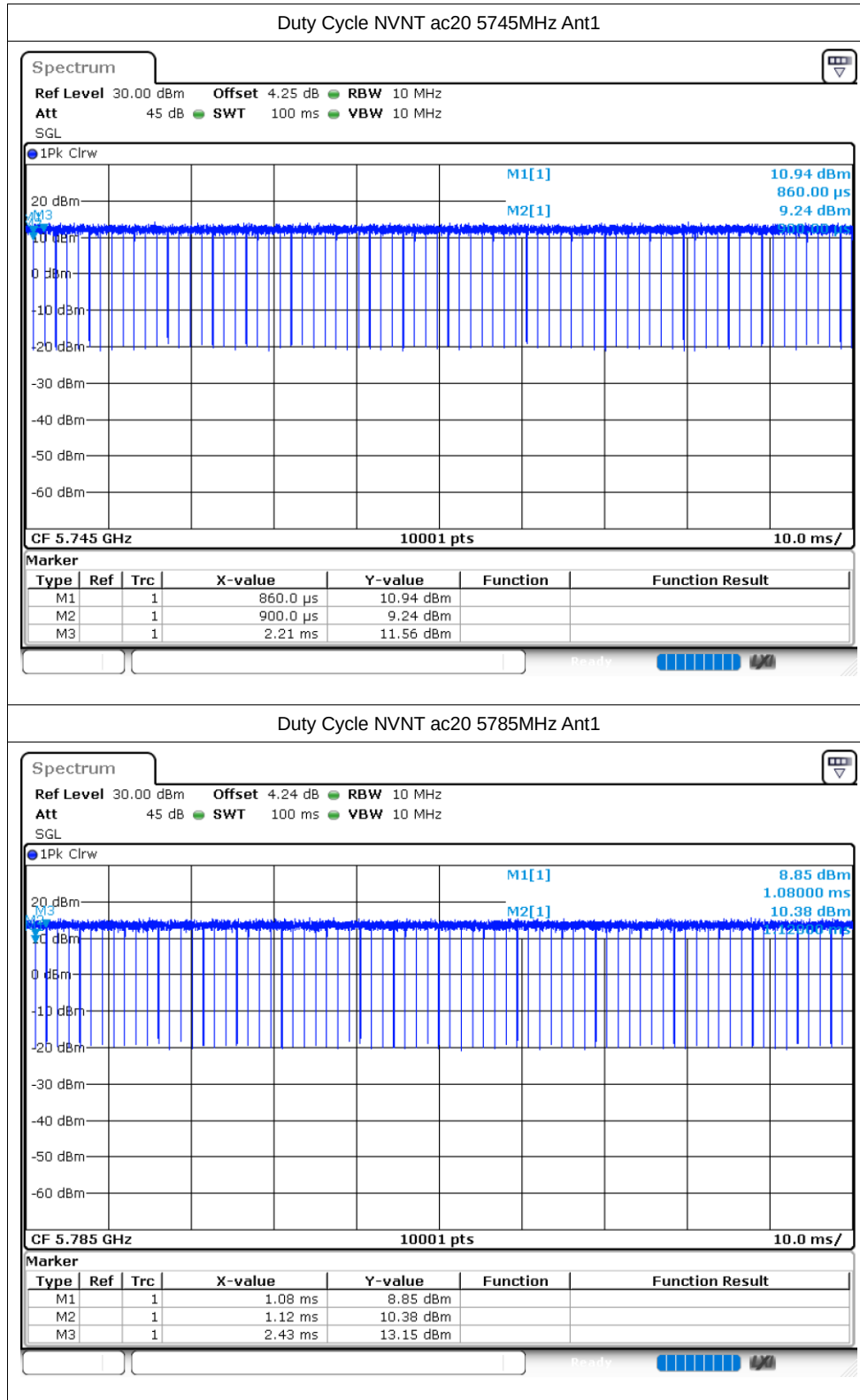
Duty Cycle NVNT a 5785MHz Ant1

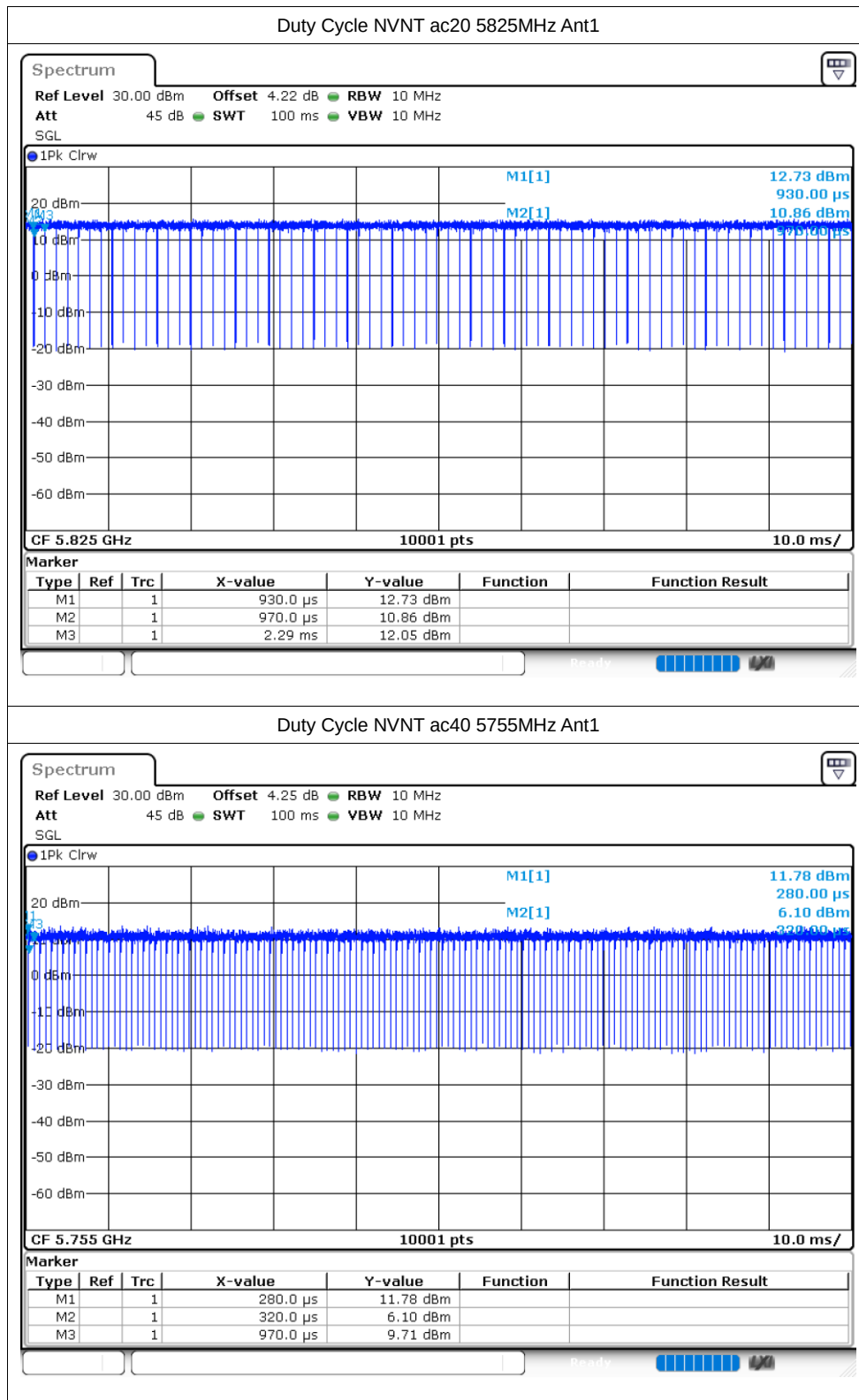


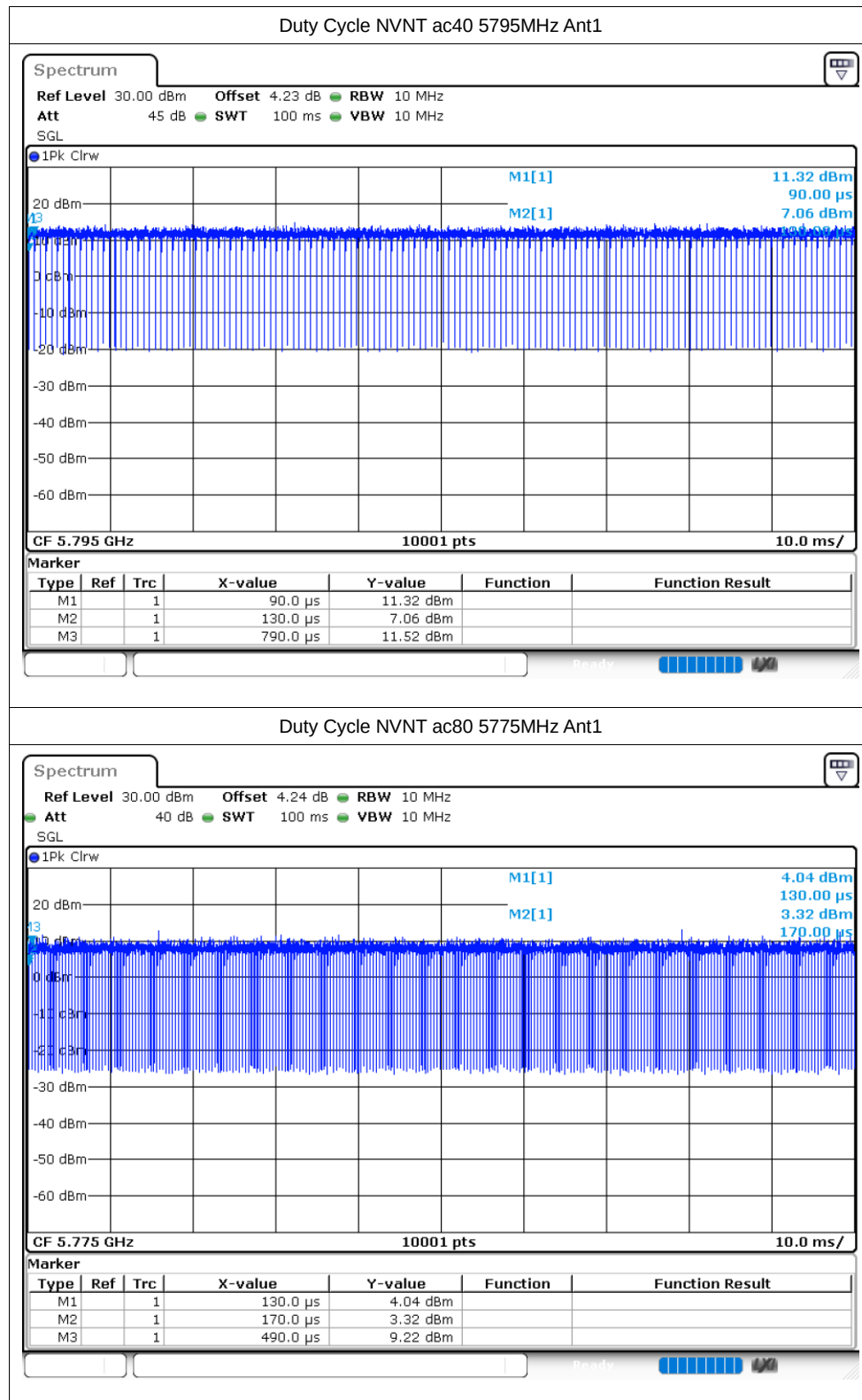












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.55	30	Pass
NVNT	a	5785	Ant1	10.58	30	Pass
NVNT	a	5825	Ant1	9.81	30	Pass
NVNT	n20	5745	Ant1	9.89	30	Pass
NVNT	n20	5785	Ant1	10.06	30	Pass
NVNT	n20	5825	Ant1	9.83	30	Pass
NVNT	n40	5755	Ant1	9.8	30	Pass
NVNT	n40	5795	Ant1	10.08	30	Pass
NVNT	ac20	5745	Ant1	9.82	30	Pass
NVNT	ac20	5785	Ant1	10.33	30	Pass
NVNT	ac20	5825	Ant1	9.96	30	Pass
NVNT	ac40	5755	Ant1	10.13	30	Pass
NVNT	ac40	5795	Ant1	9.97	30	Pass
NVNT	ac80	5775	Ant1	10.04	30	Pass

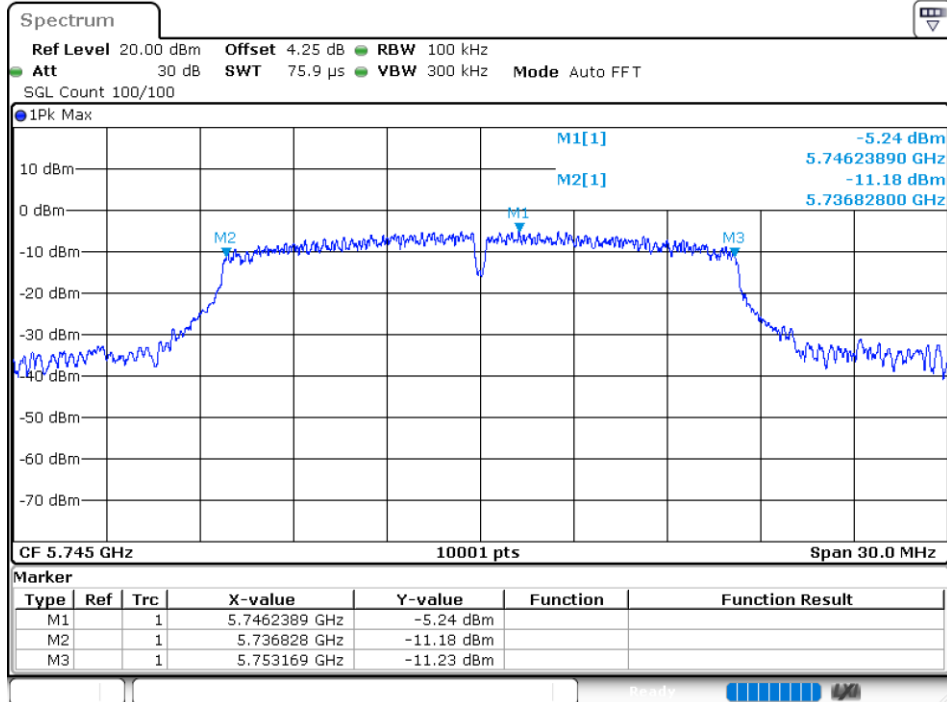
Note: The average power value already includes the duty cycle factor

-6dB Bandwidth

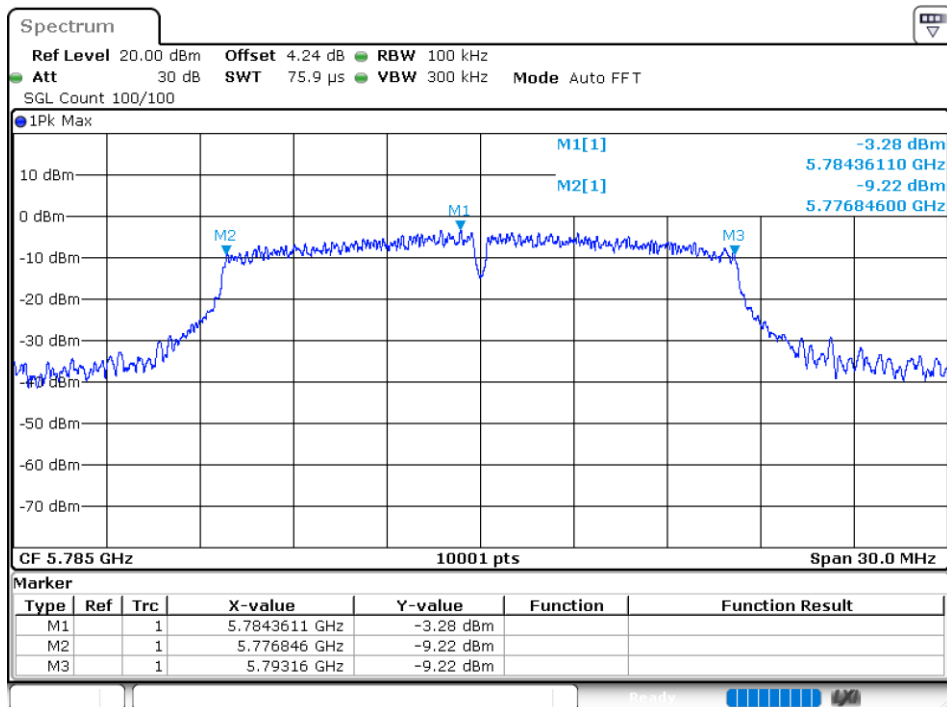
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.341	0.5	Pass
NVNT	a	5785	Ant1	16.314	0.5	Pass
NVNT	a	5825	Ant1	16.326	0.5	Pass
NVNT	n20	5745	Ant1	17.58	0.5	Pass
NVNT	n20	5785	Ant1	13.167	0.5	Pass
NVNT	n20	5825	Ant1	17.535	0.5	Pass
NVNT	n40	5755	Ant1	35.082	0.5	Pass
NVNT	n40	5795	Ant1	32.478	0.5	Pass
NVNT	ac20	5745	Ant1	17.268	0.5	Pass
NVNT	ac20	5785	Ant1	15.048	0.5	Pass
NVNT	ac20	5825	Ant1	13.524	0.5	Pass
NVNT	ac40	5755	Ant1	35.01	0.5	Pass
NVNT	ac40	5795	Ant1	35.076	0.5	Pass
NVNT	ac80	5775	Ant1	75.072	0.5	Pass

Test Graphs

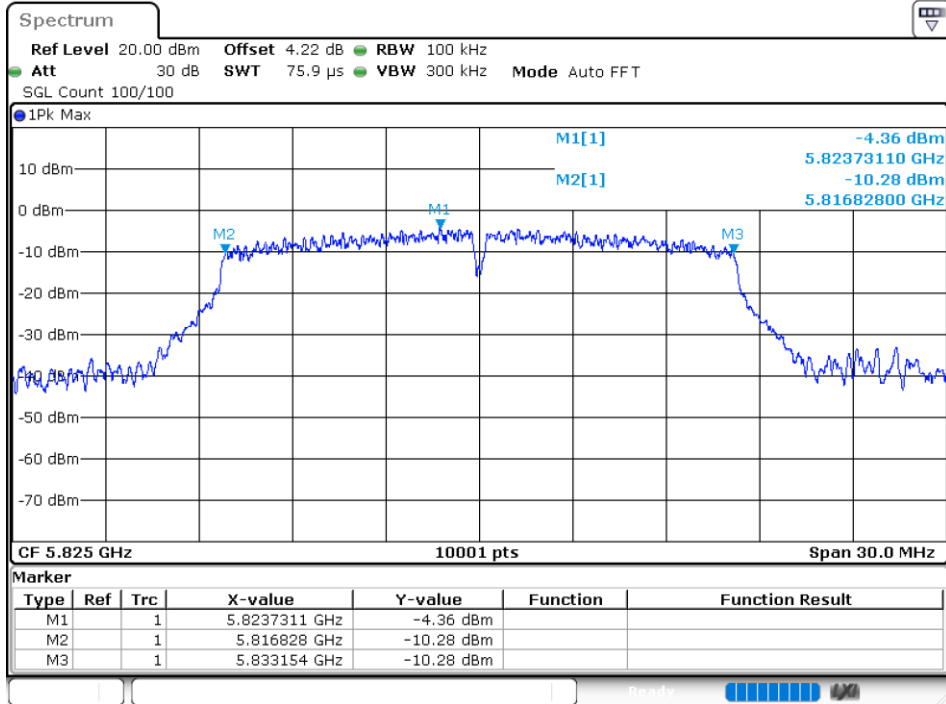
-6dB Bandwidth NVNT a 5745MHz Ant1



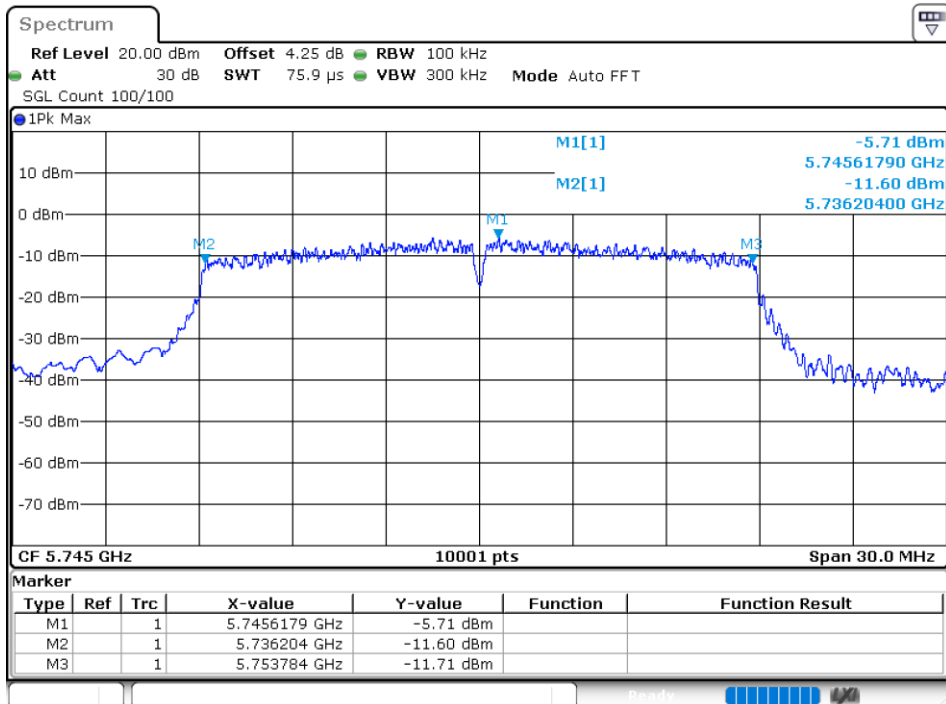
-6dB Bandwidth NVNT a 5785MHz Ant1



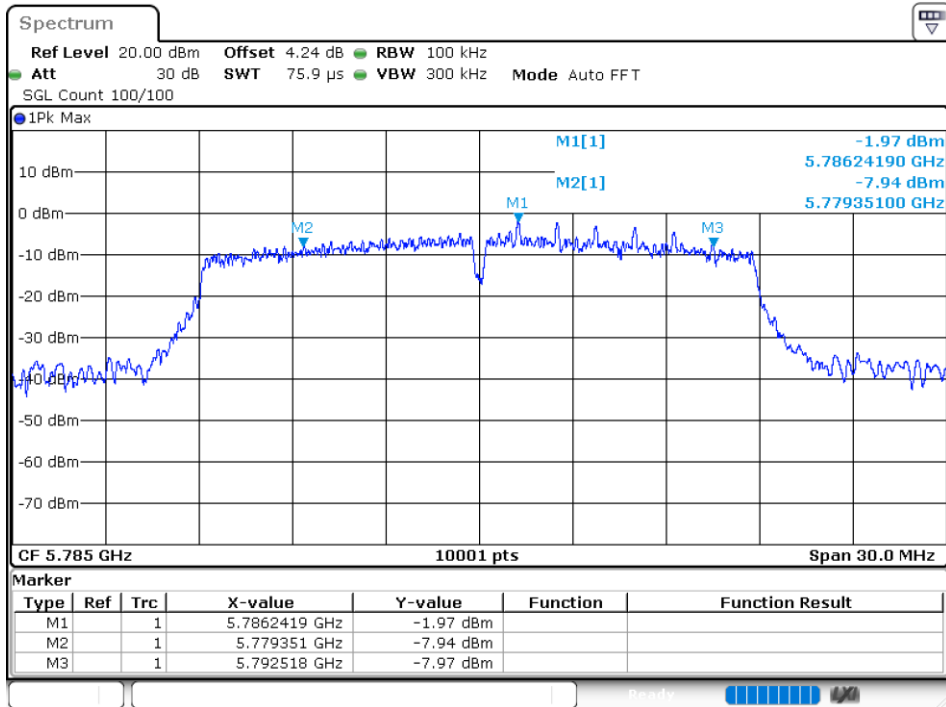
-6dB Bandwidth NVNT a 5825MHz Ant1



-6dB Bandwidth NVNT n20 5745MHz Ant1



-6dB Bandwidth NVNT n20 5785MHz Ant1



-6dB Bandwidth NVNT n20 5825MHz Ant1

