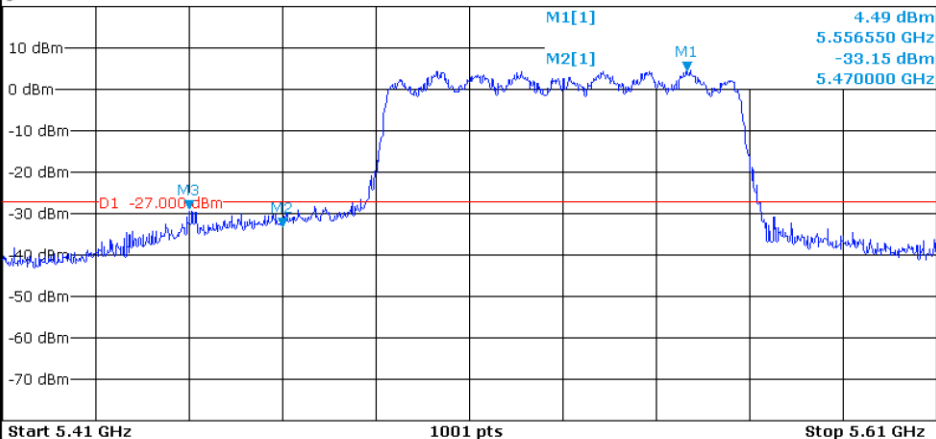


Band Edge NVNT ac80 5530MHz Low Ant2

Spectrum

Ref Level 20.00 dBm Offset 7.06 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

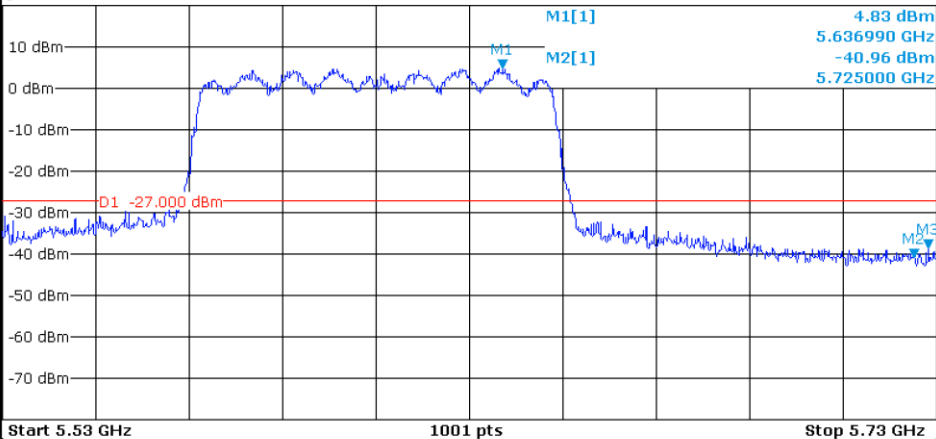
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.55655 GHz	4.49 dBm		
M2		1	5.47 GHz	-33.15 dBm		
M3		1	5.45 GHz	-28.95 dBm		

Band Edge NVNT ac80 5610MHz High Ant2

Spectrum

Ref Level 20.00 dBm Offset 7.14 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

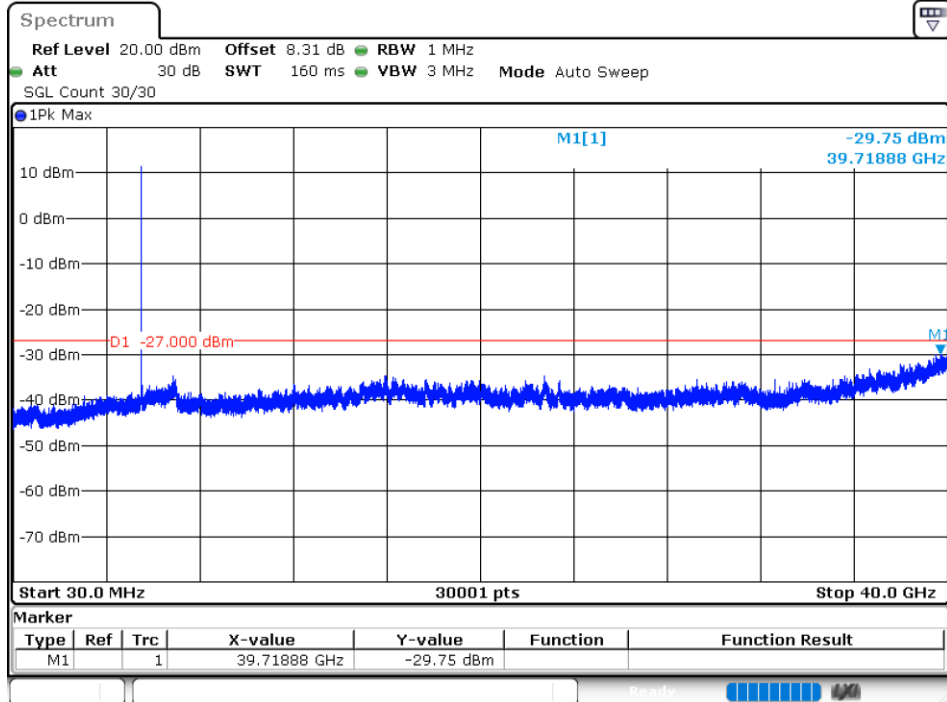
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.63699 GHz	4.83 dBm		
M2		1	5.725 GHz	-40.96 dBm		
M3		1	5.7282 GHz	-38.66 dBm		

Conducted RF Spurious Emission

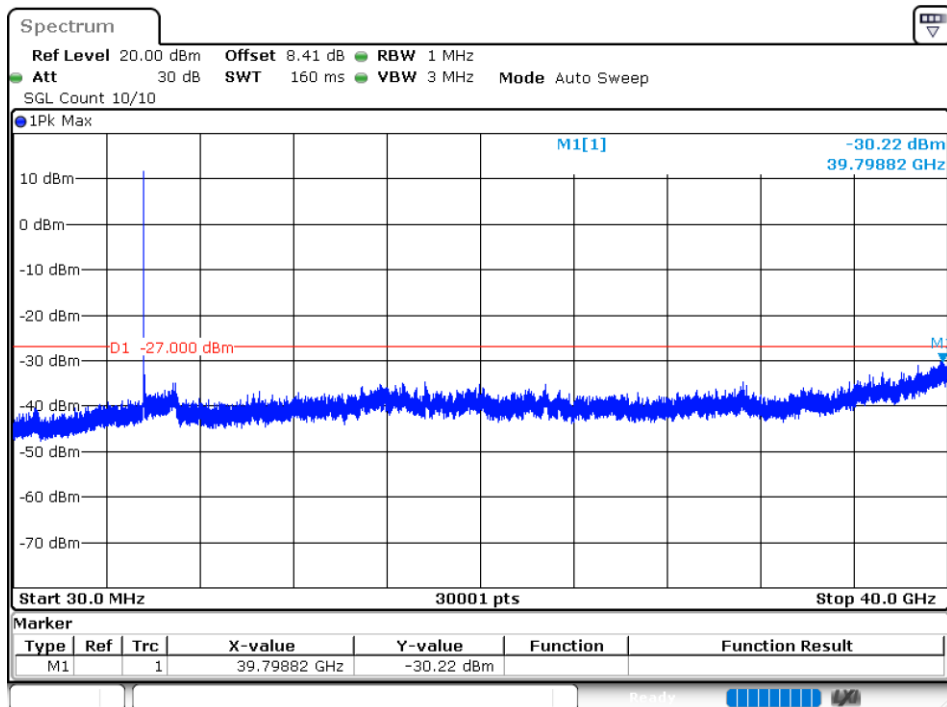
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-29.74	-27	Pass
NVNT	a	5600	Ant1	-30.22	-27	Pass
NVNT	a	5700	Ant1	-29.82	-27	Pass
NVNT	a	5500	Ant2	-30.84	-27	Pass
NVNT	a	5600	Ant2	-30.41	-27	Pass
NVNT	a	5700	Ant2	-31.11	-27	Pass
NVNT	n20	5500	Ant1	-30.04	-27	Pass
NVNT	n20	5600	Ant1	-30.07	-27	Pass
NVNT	n20	5700	Ant1	-29.6	-27	Pass
NVNT	n20	5500	Ant2	-30.66	-27	Pass
NVNT	n20	5600	Ant2	-30.09	-27	Pass
NVNT	n20	5700	Ant2	-31.36	-27	Pass
NVNT	n40	5510	Ant1	-30.37	-27	Pass
NVNT	n40	5590	Ant1	-28.91	-27	Pass
NVNT	n40	5670	Ant1	-29.35	-27	Pass
NVNT	n40	5510	Ant2	-30.3	-27	Pass
NVNT	n40	5590	Ant2	-31.31	-27	Pass
NVNT	n40	5670	Ant2	-30.13	-27	Pass
NVNT	ac20	5500	Ant1	-29.35	-27	Pass
NVNT	ac20	5600	Ant1	-29.54	-27	Pass
NVNT	ac20	5700	Ant1	-29.29	-27	Pass
NVNT	ac20	5500	Ant2	-31.2	-27	Pass
NVNT	ac20	5600	Ant2	-31.07	-27	Pass
NVNT	ac20	5700	Ant2	-31.15	-27	Pass
NVNT	ac40	5510	Ant1	-29.47	-27	Pass
NVNT	ac40	5590	Ant1	-29.48	-27	Pass
NVNT	ac40	5670	Ant1	-29.35	-27	Pass
NVNT	ac40	5510	Ant2	-30.19	-27	Pass
NVNT	ac40	5590	Ant2	-31.25	-27	Pass
NVNT	ac40	5670	Ant2	-30.49	-27	Pass
NVNT	ac80	5530	Ant1	-29.64	-27	Pass
NVNT	ac80	5610	Ant1	-30.09	-27	Pass
NVNT	ac80	5530	Ant2	-31.9	-27	Pass
NVNT	ac80	5610	Ant2	-30.77	-27	Pass

Test Graphs

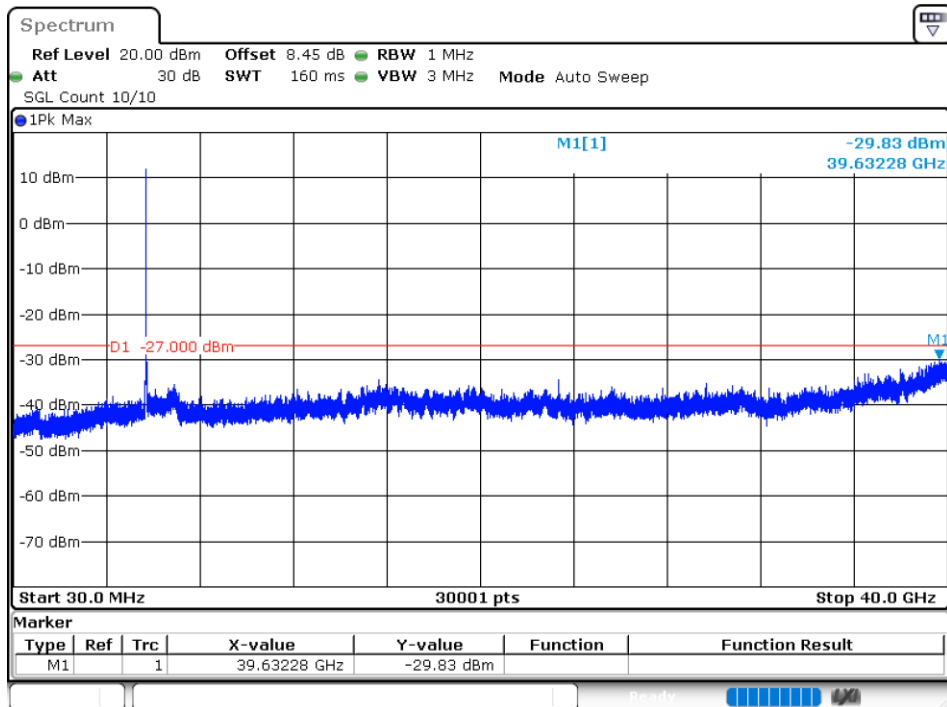
Tx. Spurious NVNT a 5500MHz Ant1 Emission



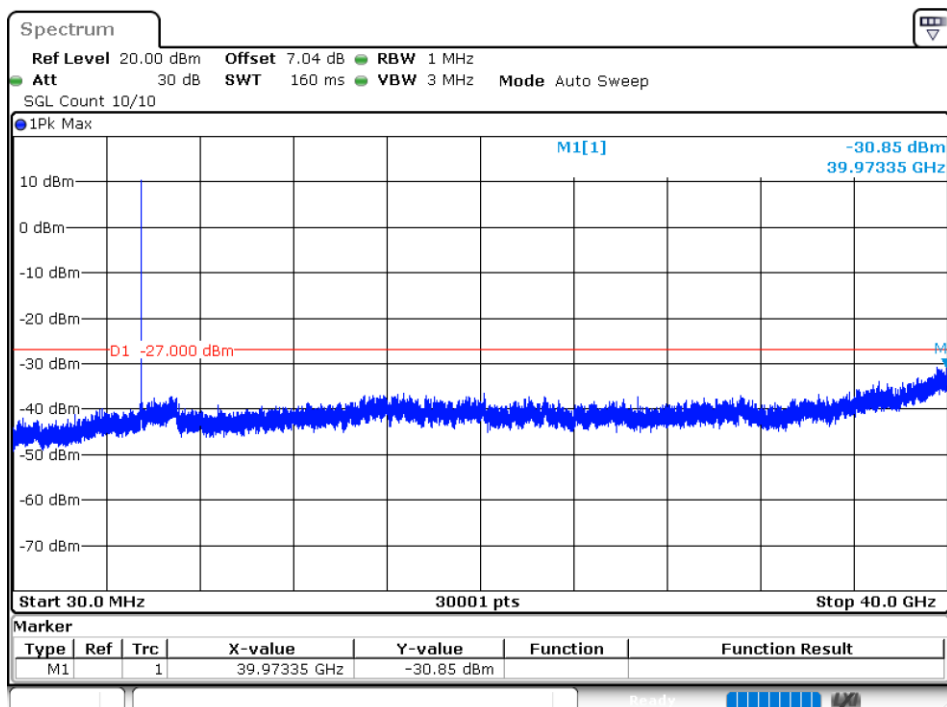
Tx. Spurious NVNT a 5600MHz Ant1 Emission



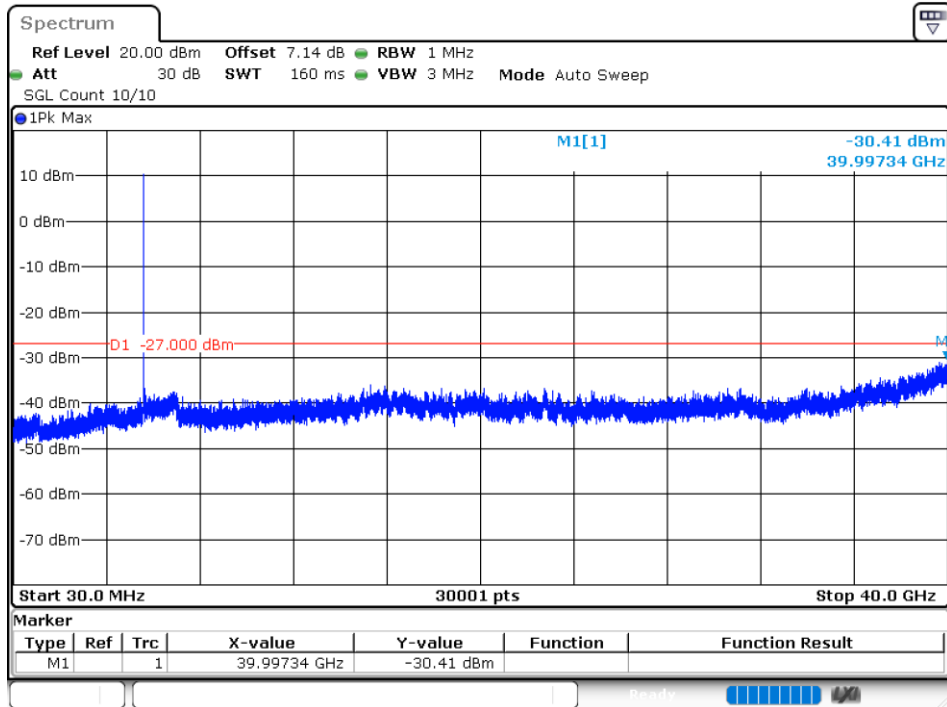
Tx. Spurious NVNT a 5700MHz Ant1 Emission



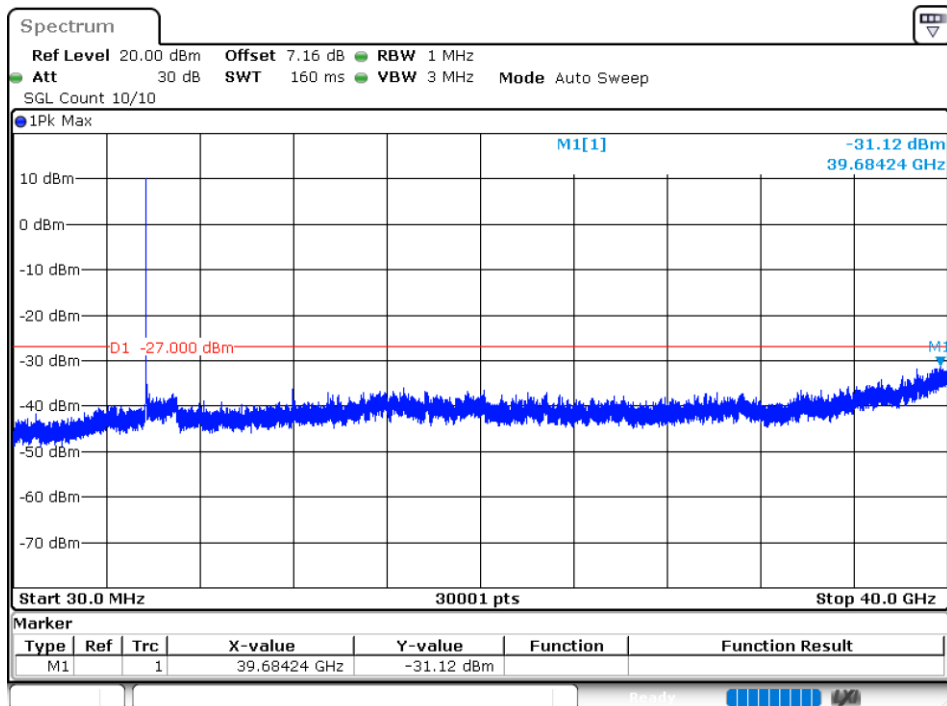
Tx. Spurious NVNT a 5500MHz Ant2 Emission



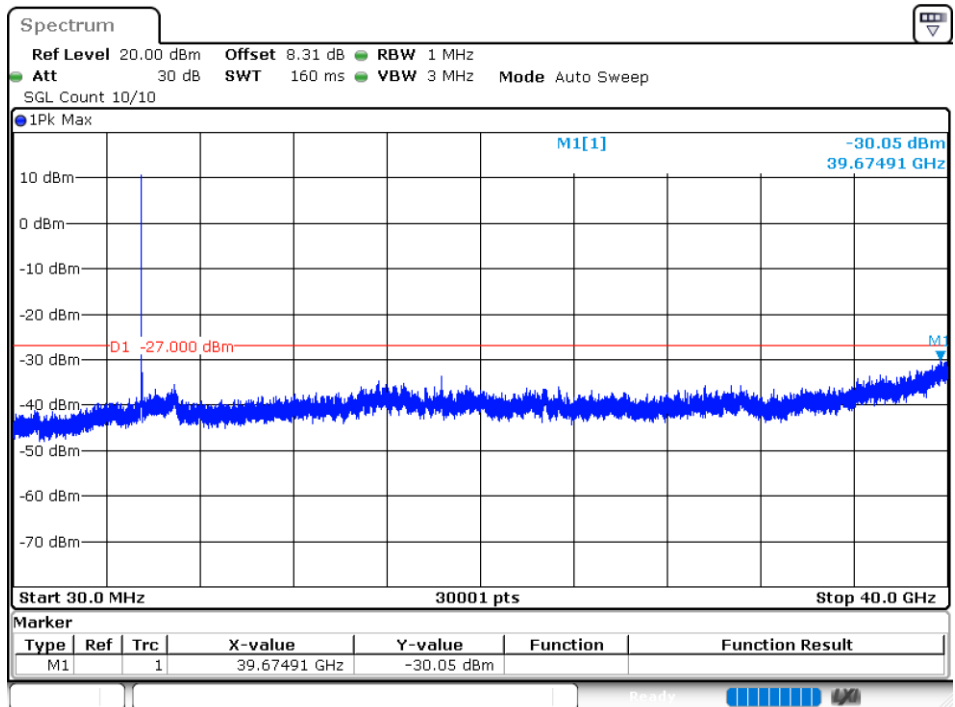
Tx. Spurious NVNT a 5600MHz Ant2 Emission



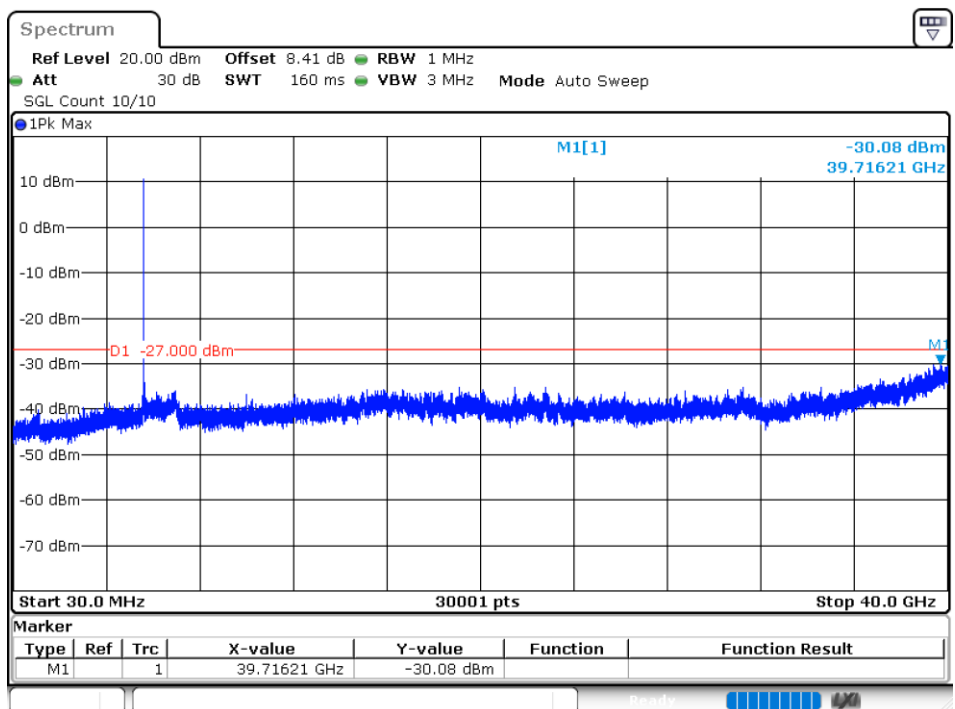
Tx. Spurious NVNT a 5700MHz Ant2 Emission



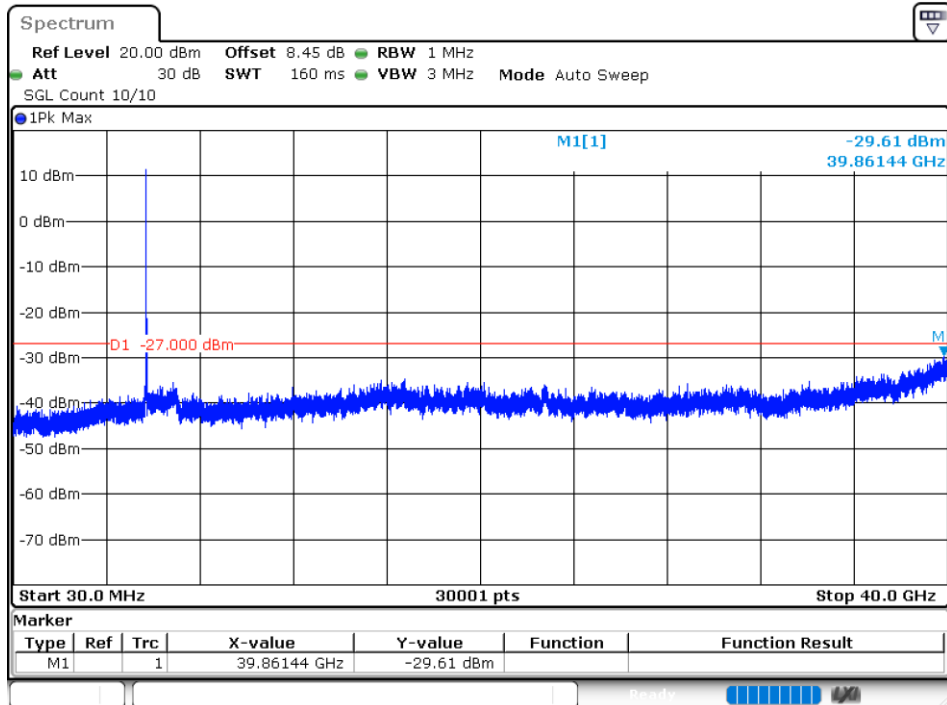
Tx. Spurious NVNT n20 5500MHz Ant1 Emission



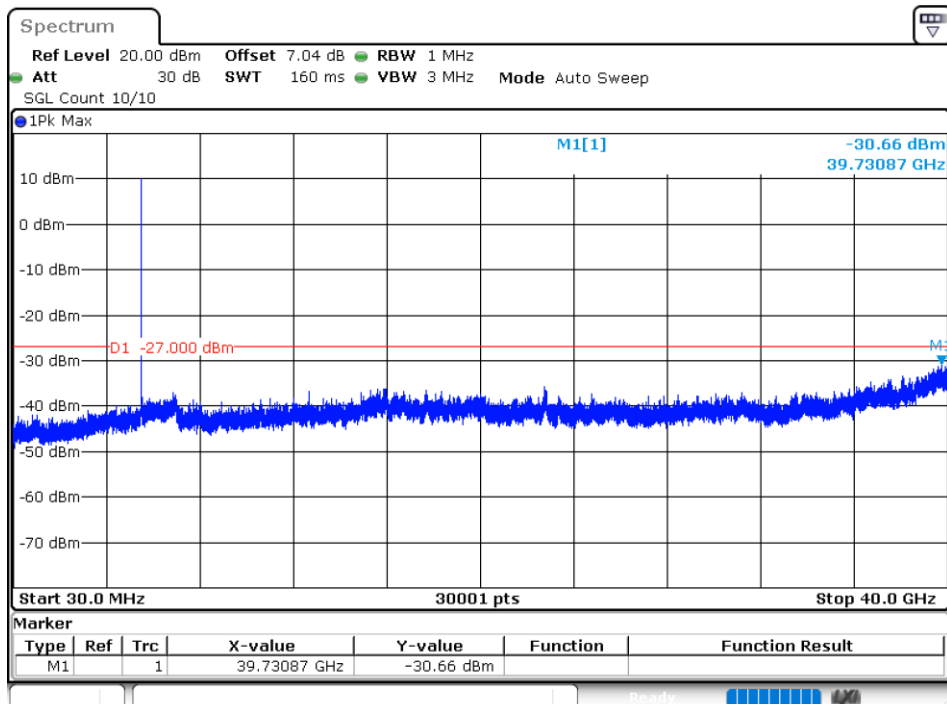
Tx. Spurious NVNT n20 5600MHz Ant1 Emission

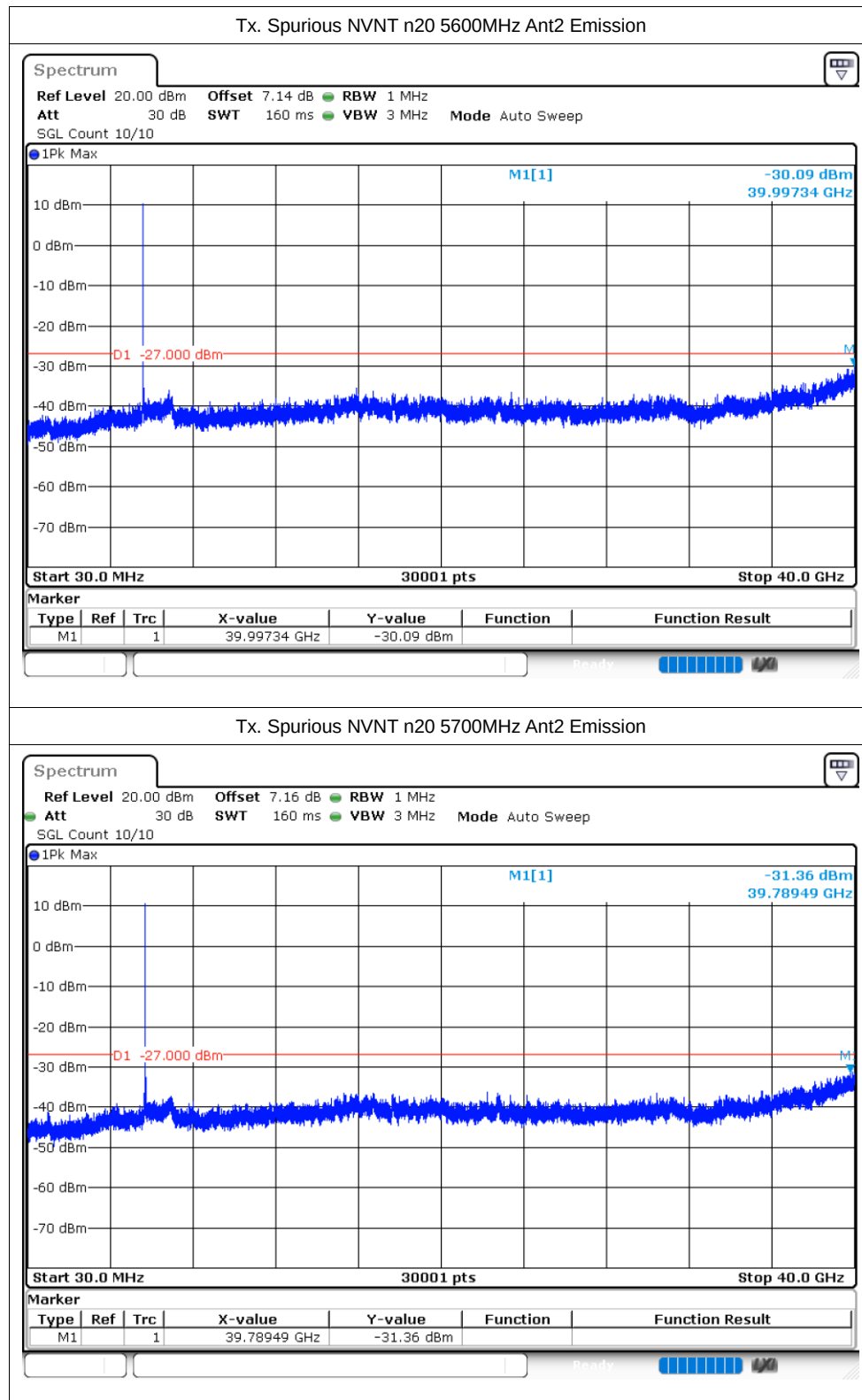


Tx. Spurious NVNT n20 5700MHz Ant1 Emission

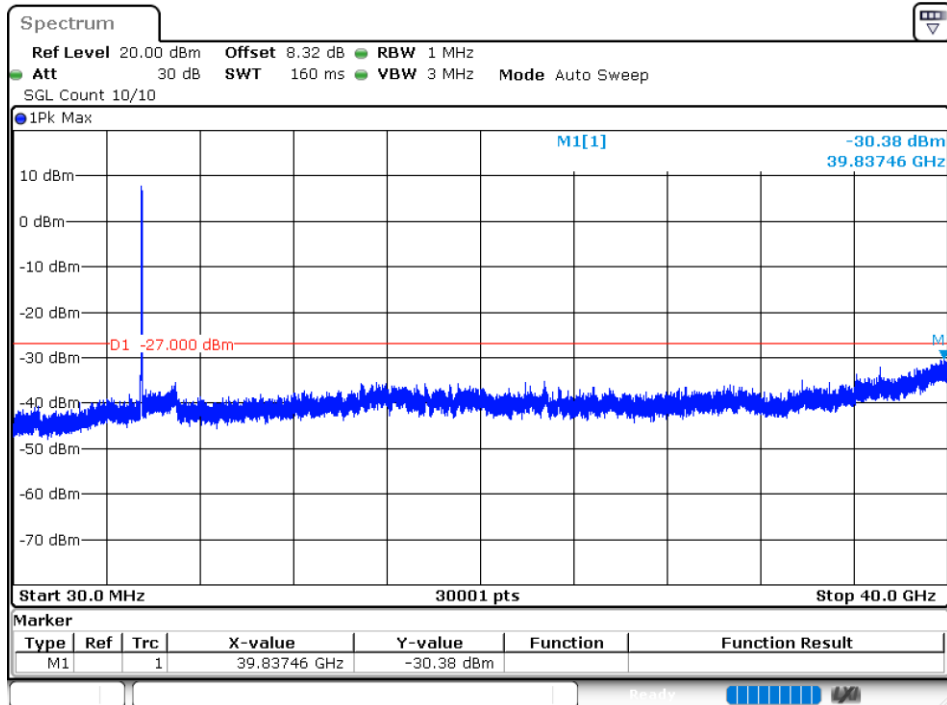


Tx. Spurious NVNT n20 5500MHz Ant2 Emission

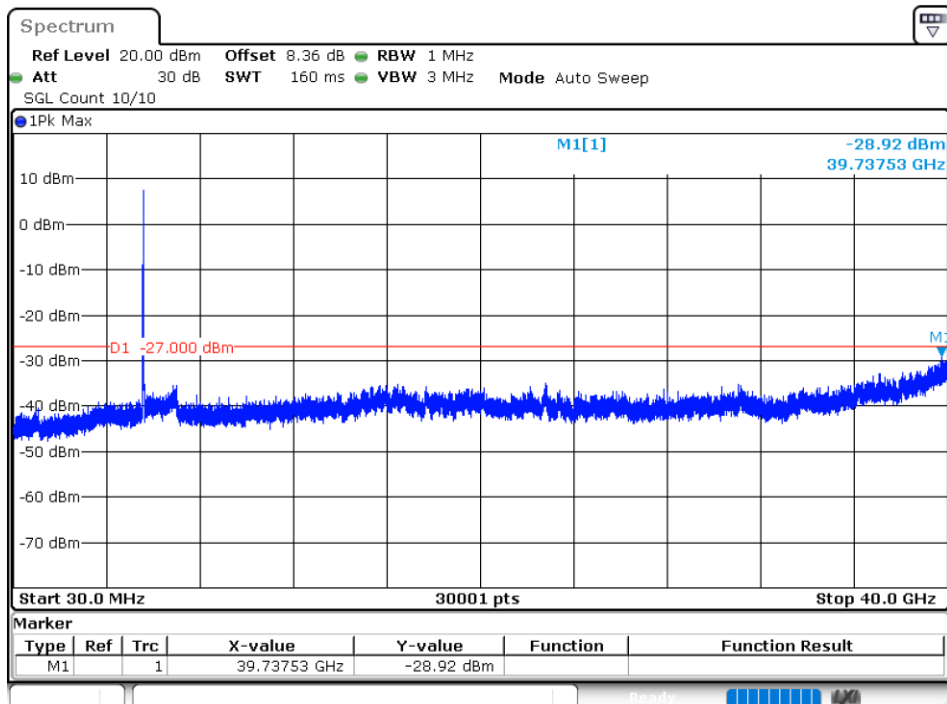




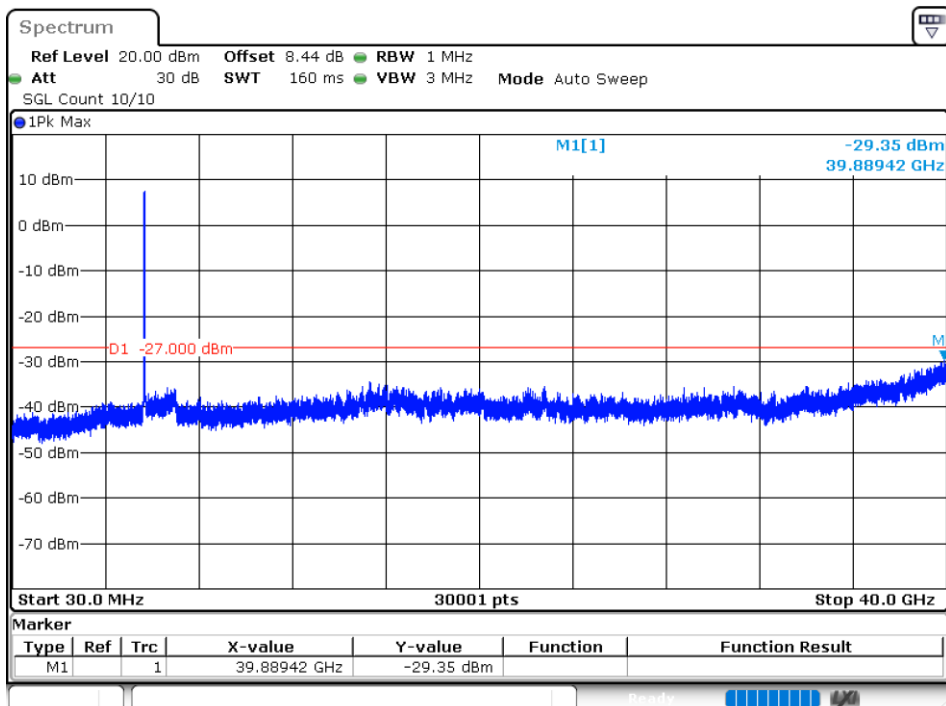
Tx. Spurious NVNT n40 5510MHz Ant1 Emission



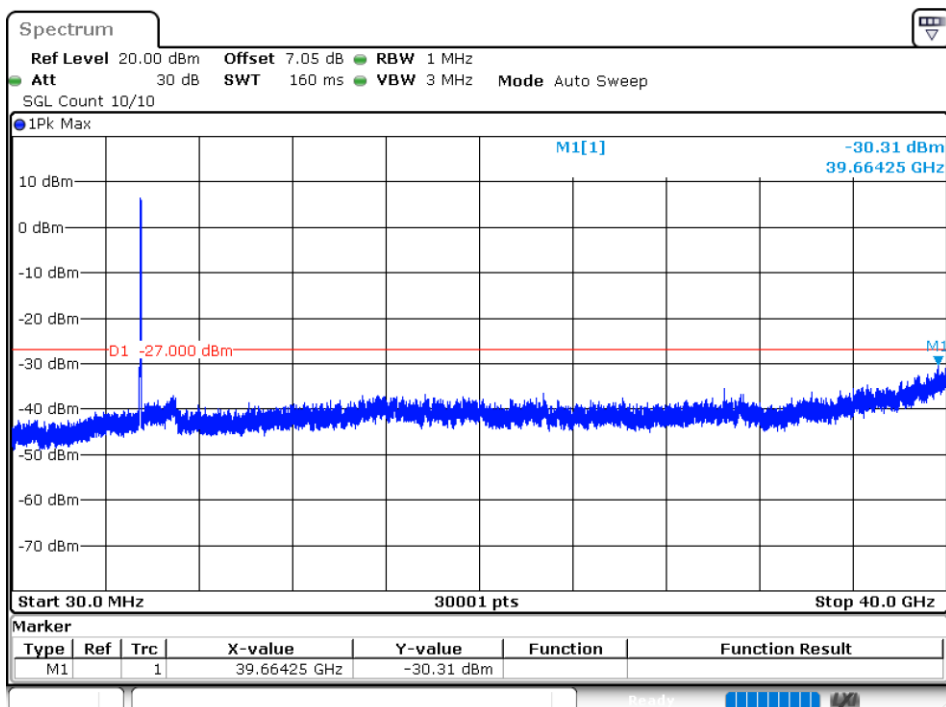
Tx. Spurious NVNT n40 5590MHz Ant1 Emission

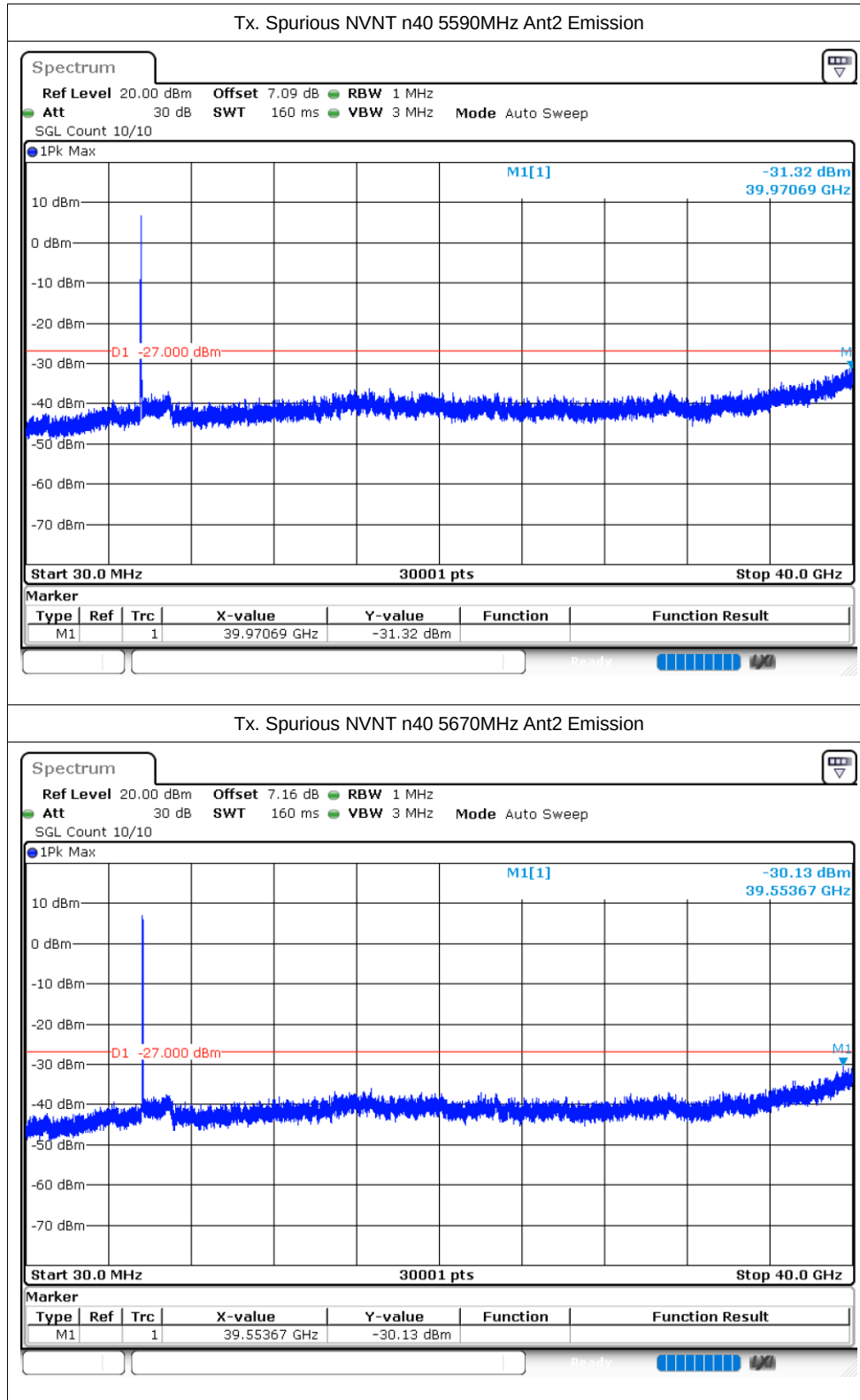


Tx. Spurious NVNT n40 5670MHz Ant1 Emission

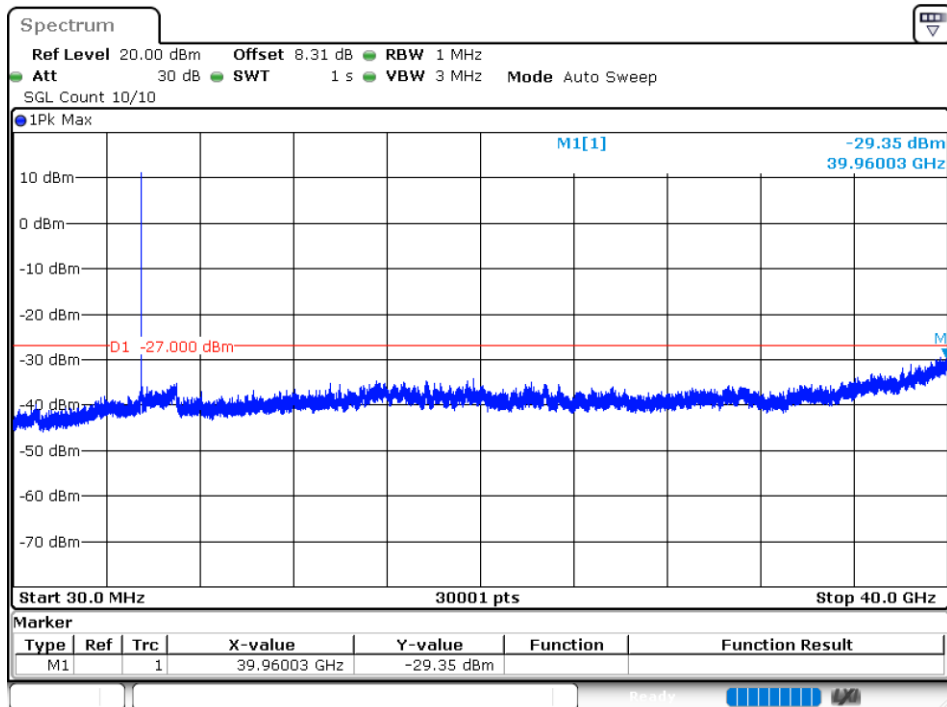


Tx. Spurious NVNT n40 5510MHz Ant2 Emission

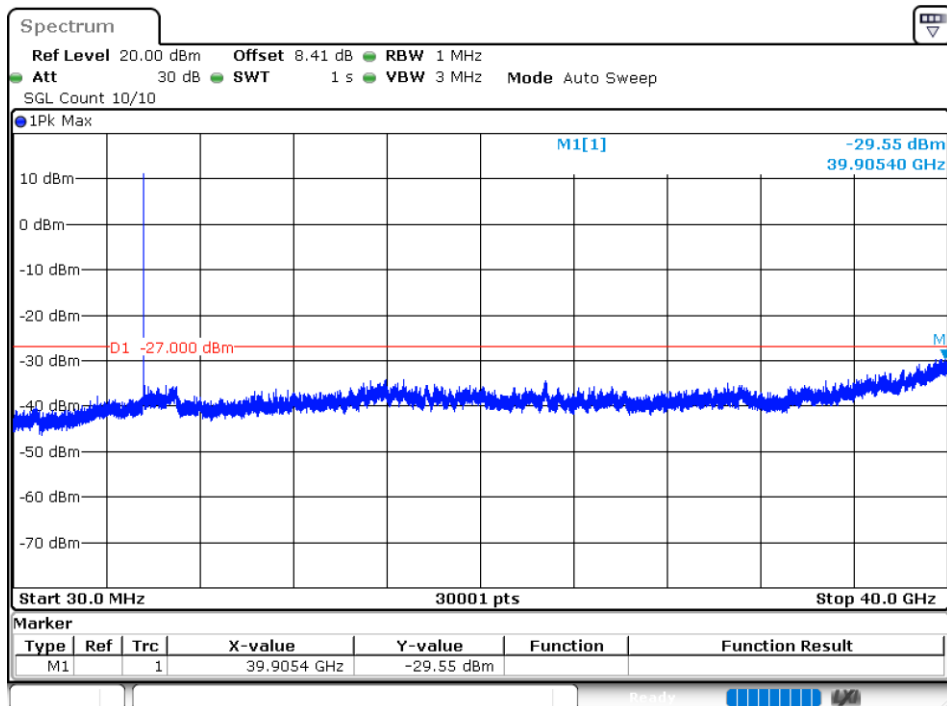




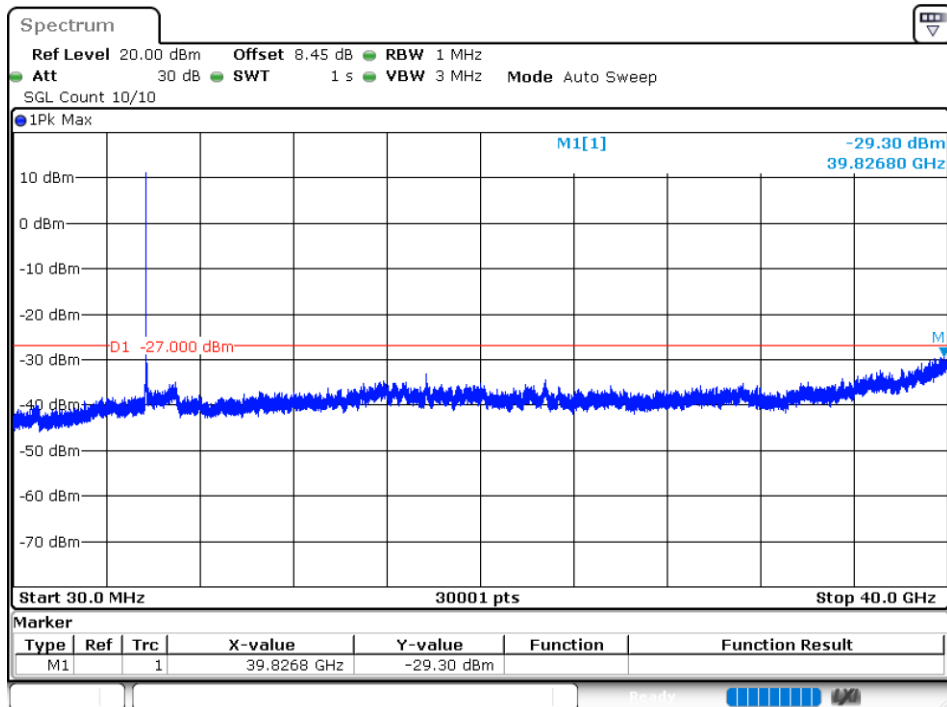
Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



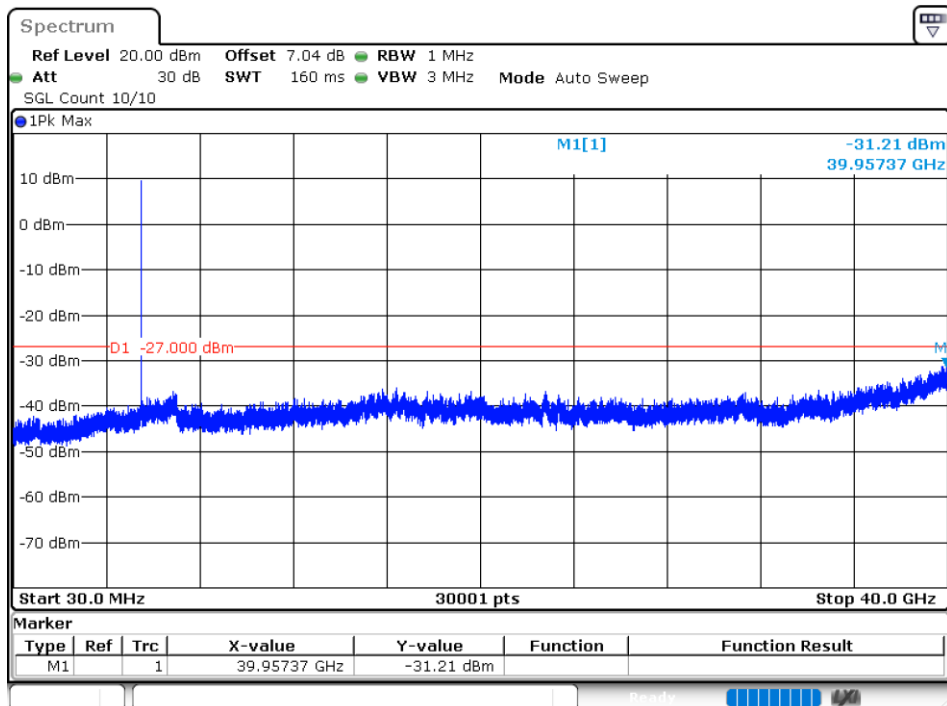
Tx. Spurious NVNT ac20 5600MHz Ant1 Emission

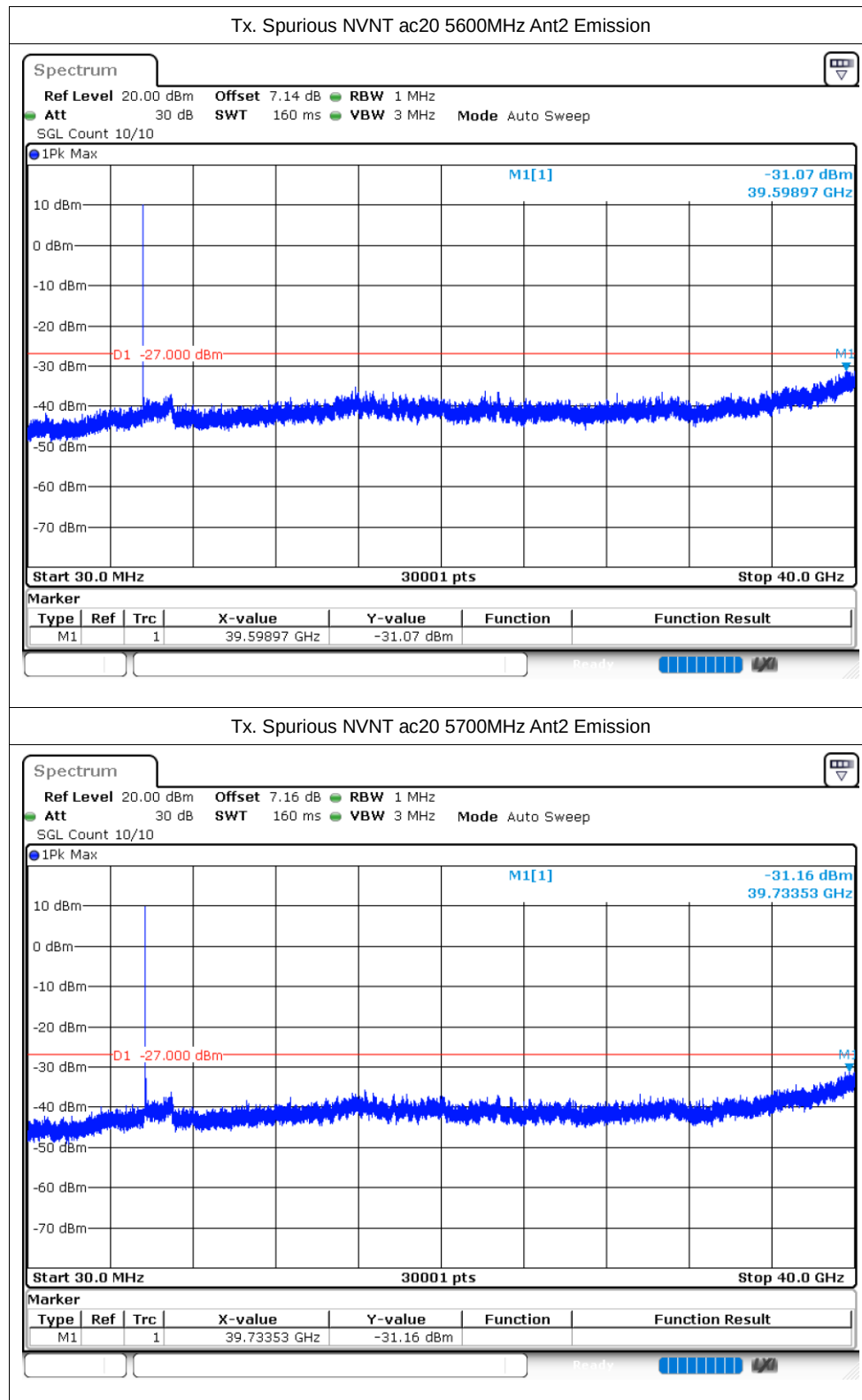


Tx. Spurious NVNT ac20 5700MHz Ant1 Emission

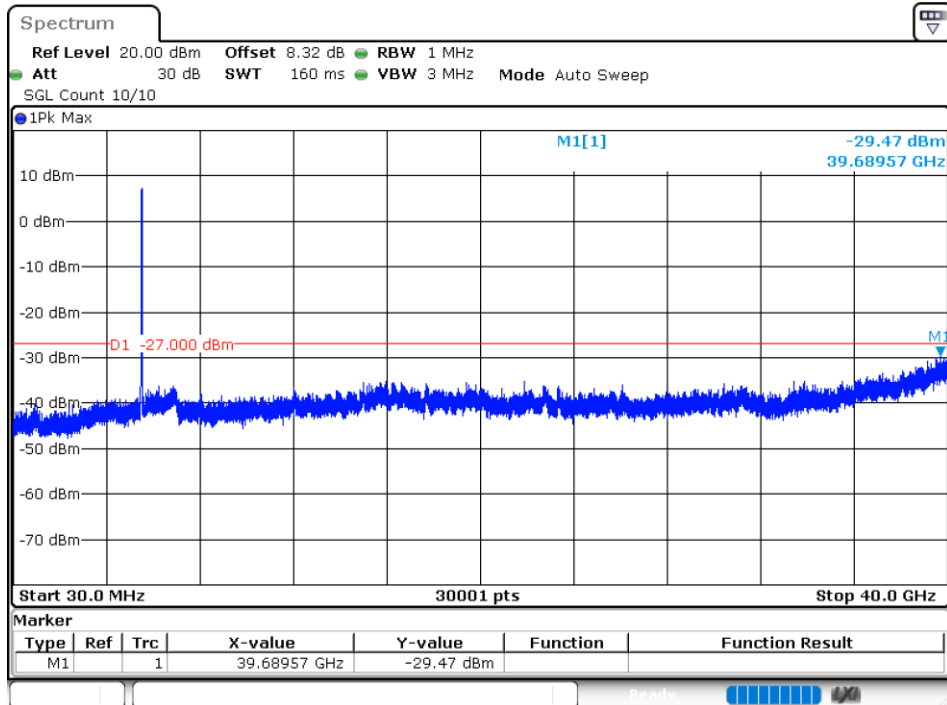


Tx. Spurious NVNT ac20 5500MHz Ant2 Emission

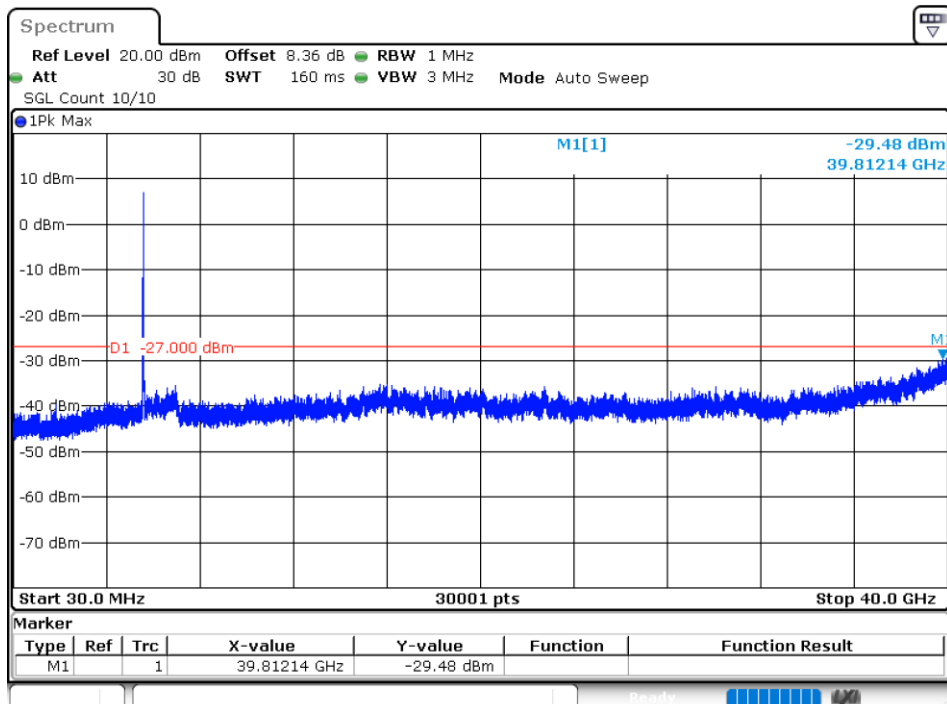




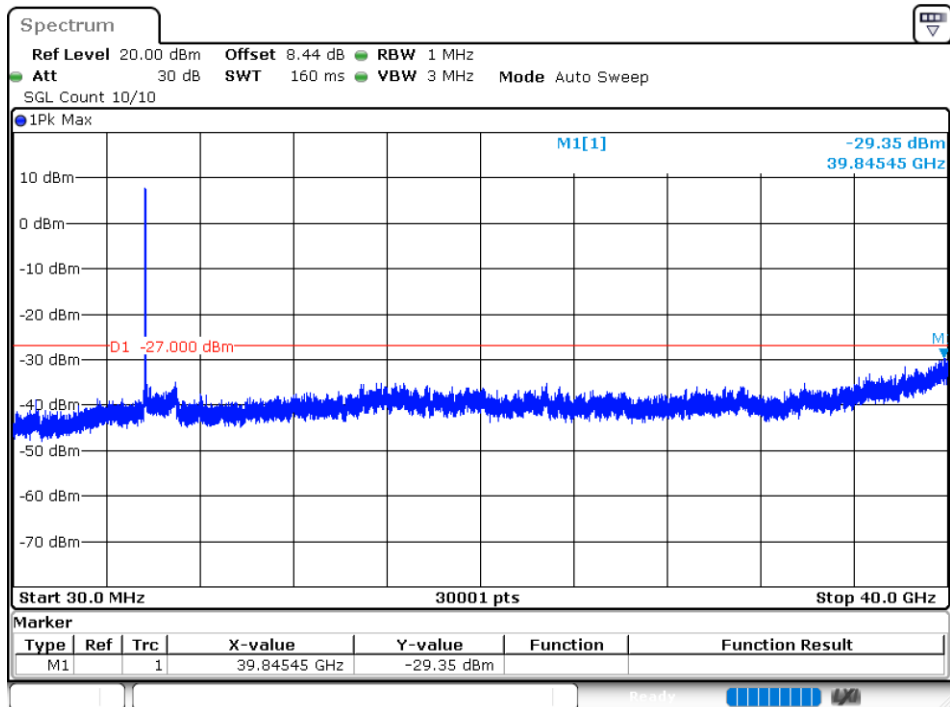
Tx. Spurious NVNT ac40 5510MHz Ant1 Emission



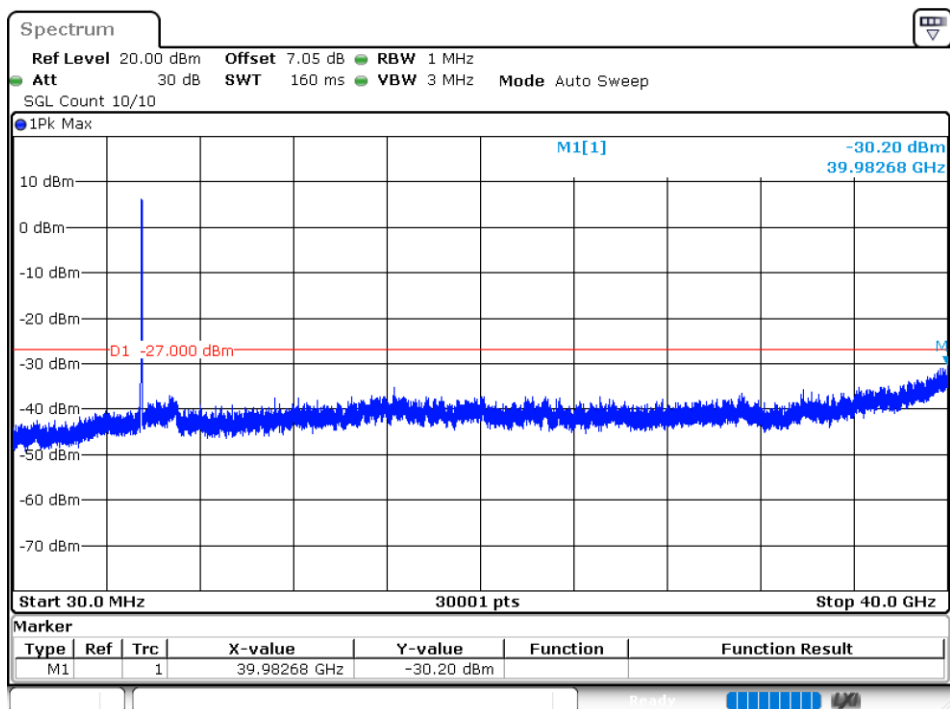
Tx. Spurious NVNT ac40 5590MHz Ant1 Emission



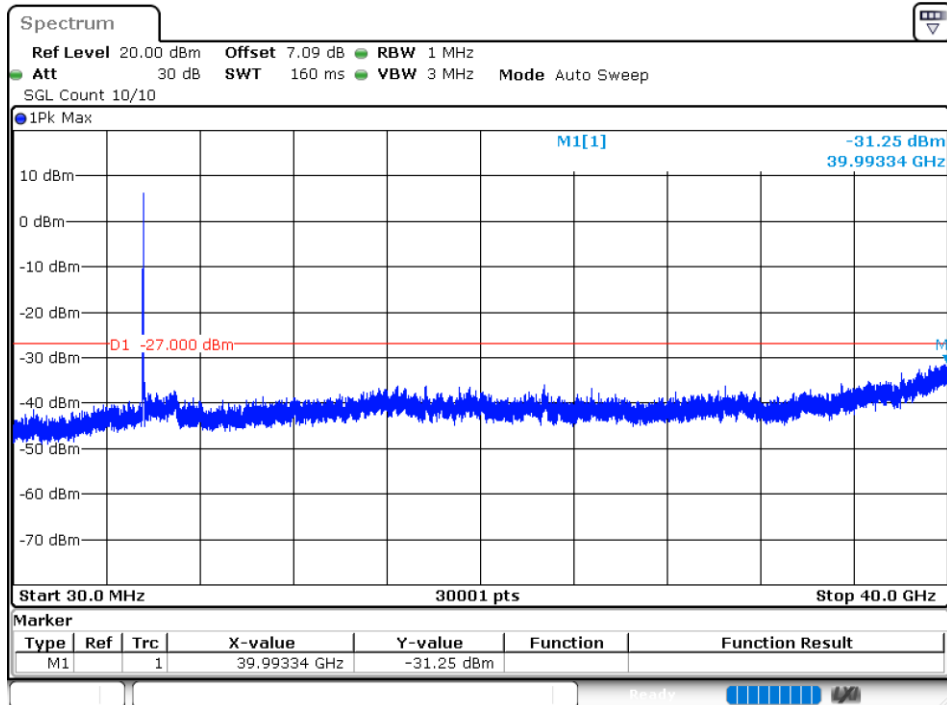
Tx. Spurious NVNT ac40 5670MHz Ant1 Emission



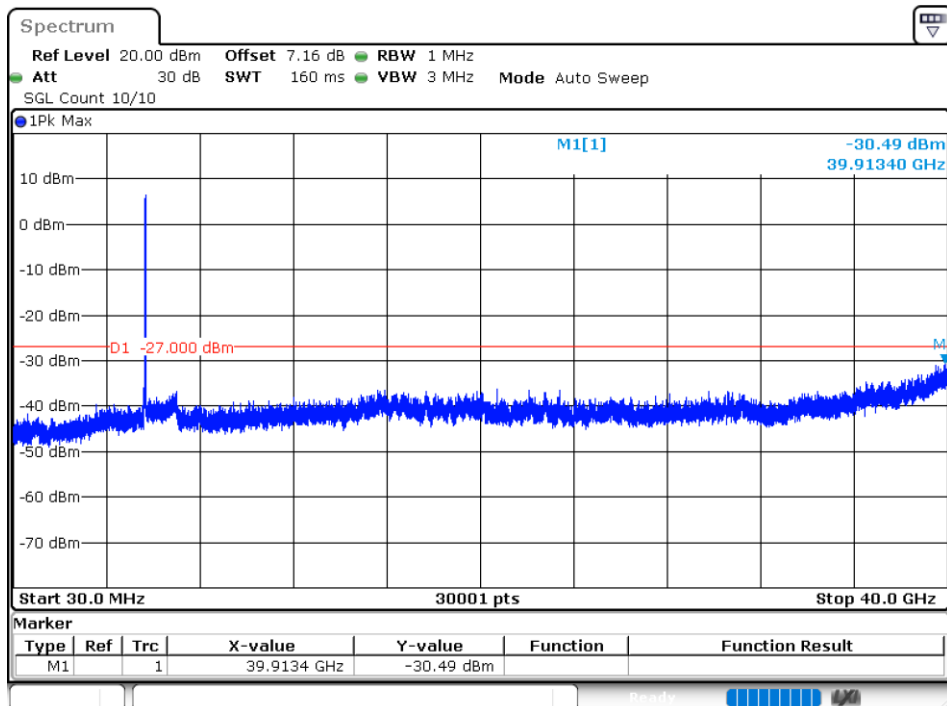
Tx. Spurious NVNT ac40 5510MHz Ant2 Emission



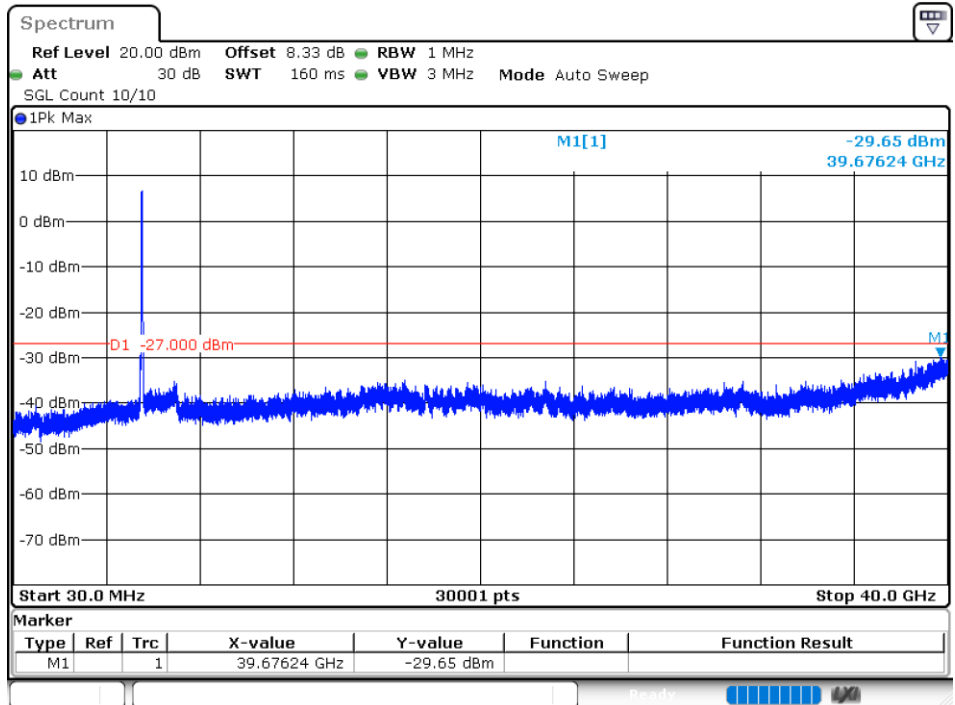
Tx. Spurious NVNT ac40 5590MHz Ant2 Emission



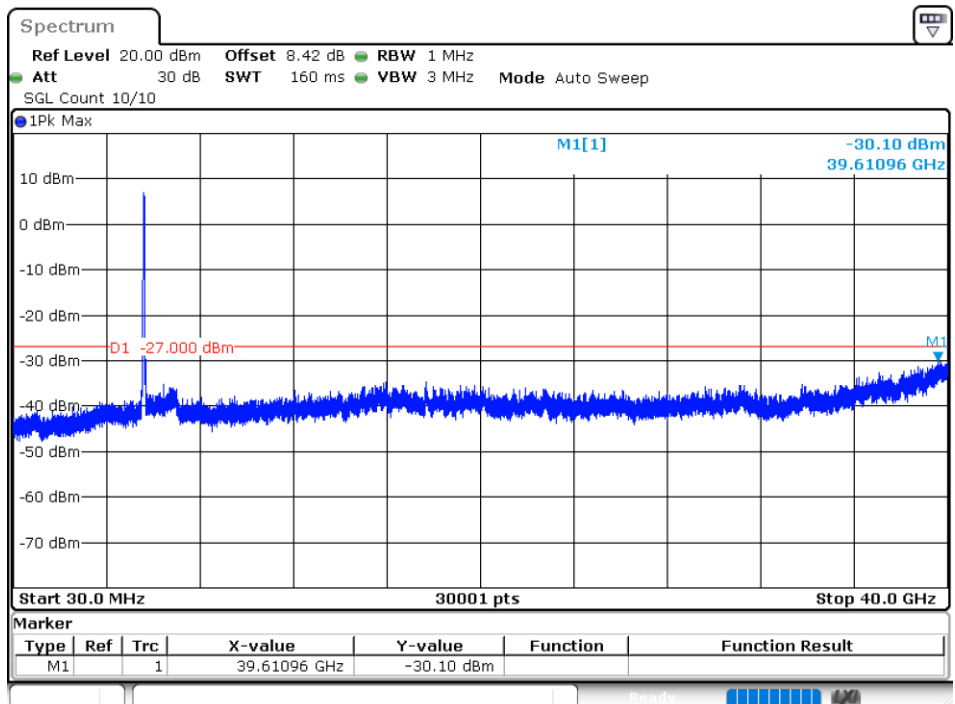
Tx. Spurious NVNT ac40 5670MHz Ant2 Emission



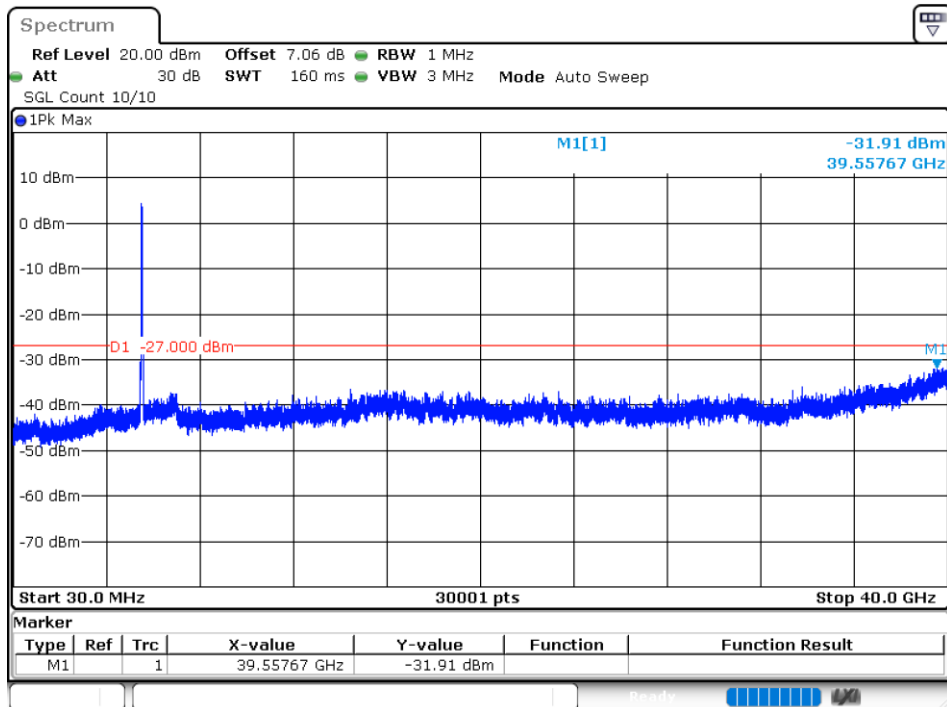
Tx. Spurious NVNT ac80 5530MHz Ant1 Emission



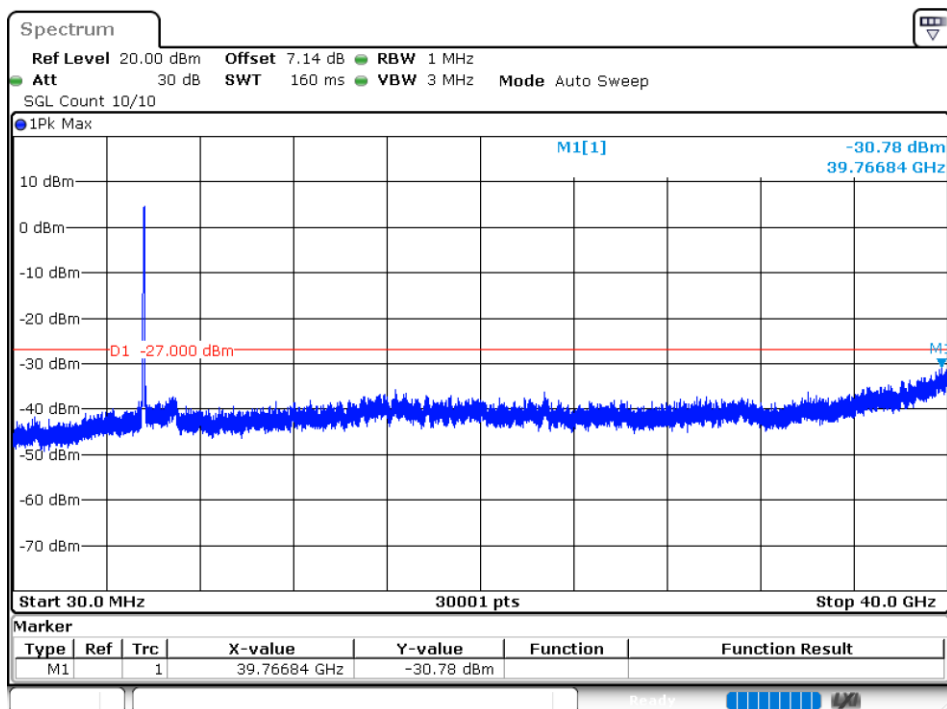
Tx. Spurious NVNT ac80 5610MHz Ant1 Emission



Tx. Spurious NVNT ac80 5530MHz Ant2 Emission



Tx. Spurious NVNT ac80 5610MHz Ant2 Emission



5.8G WIFI

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	100	0	0
NVNT	a	5785	Ant1	100	0	0
NVNT	a	5825	Ant1	100	0	0
NVNT	a	5745	Ant2	100	0	0
NVNT	a	5785	Ant2	100	0	0
NVNT	a	5825	Ant2	100	0	0
NVNT	n20	5745	Ant1	100	0	0
NVNT	n20	5785	Ant1	100	0	0
NVNT	n20	5825	Ant1	100	0	0
NVNT	n20	5745	Ant2	100	0	0
NVNT	n20	5785	Ant2	100	0	0
NVNT	n20	5825	Ant2	100	0	0
NVNT	n40	5755	Ant1	100	0	0
NVNT	n40	5795	Ant1	100	0	0
NVNT	n40	5755	Ant2	100	0	0
NVNT	n40	5795	Ant2	100	0	0
NVNT	ac20	5745	Ant1	100	0	0
NVNT	ac20	5785	Ant1	100	0	0
NVNT	ac20	5825	Ant1	100	0	0
NVNT	ac20	5745	Ant2	100	0	0
NVNT	ac20	5785	Ant2	100	0	0
NVNT	ac20	5825	Ant2	100	0	0
NVNT	ac40	5755	Ant1	100	0	0
NVNT	ac40	5795	Ant1	100	0	0
NVNT	ac40	5755	Ant2	100	0	0
NVNT	ac40	5795	Ant2	100	0	0
NVNT	ac80	5775	Ant1	100	0	0
NVNT	ac80	5775	Ant2	100	0	0

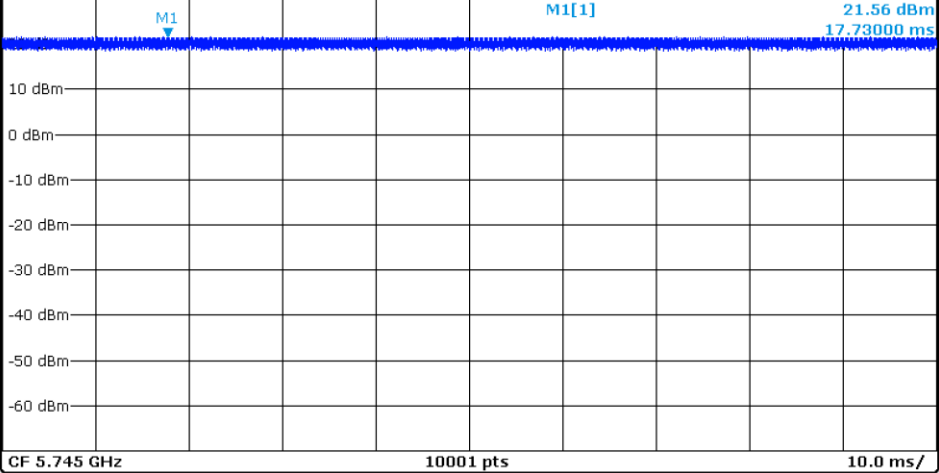
Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

Spectrum

Ref Level 30.00 dBm Offset 4.25 dB RBW 10 MHz
Att 45 dB SWT 100 ms VBW 10 MHz
SGL

1Pk Clrw



Marker

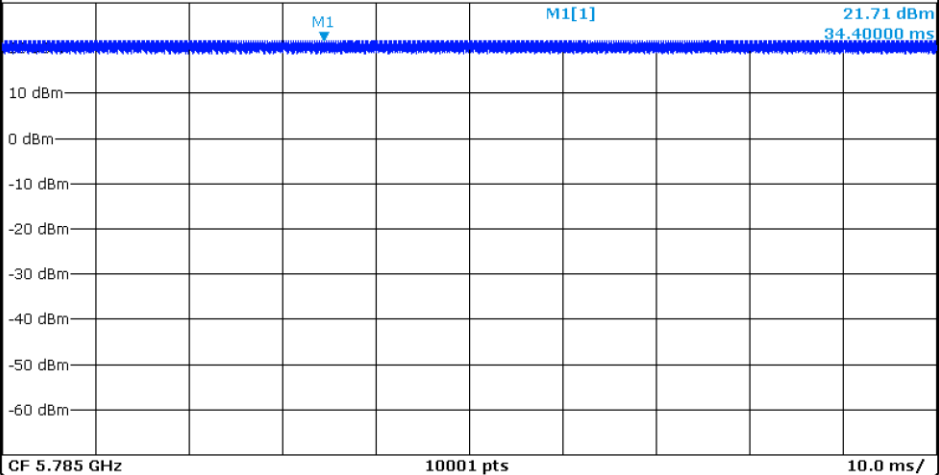
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	17.73 ms	21.56 dBm		

Duty Cycle NVNT a 5785MHz Ant1

Spectrum

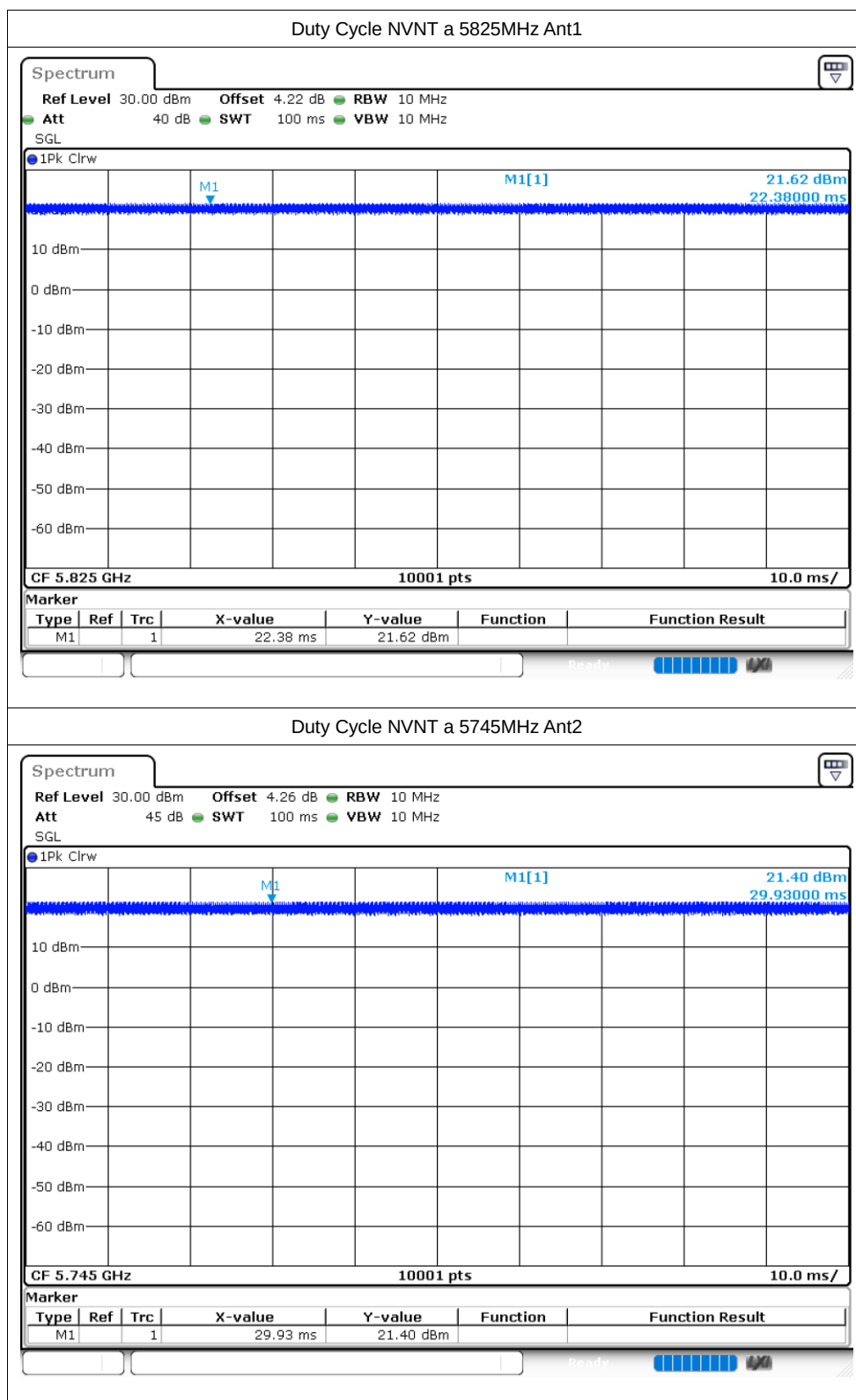
Ref Level 30.00 dBm Offset 4.24 dB RBW 10 MHz
Att 40 dB SWT 100 ms VBW 10 MHz
SGL

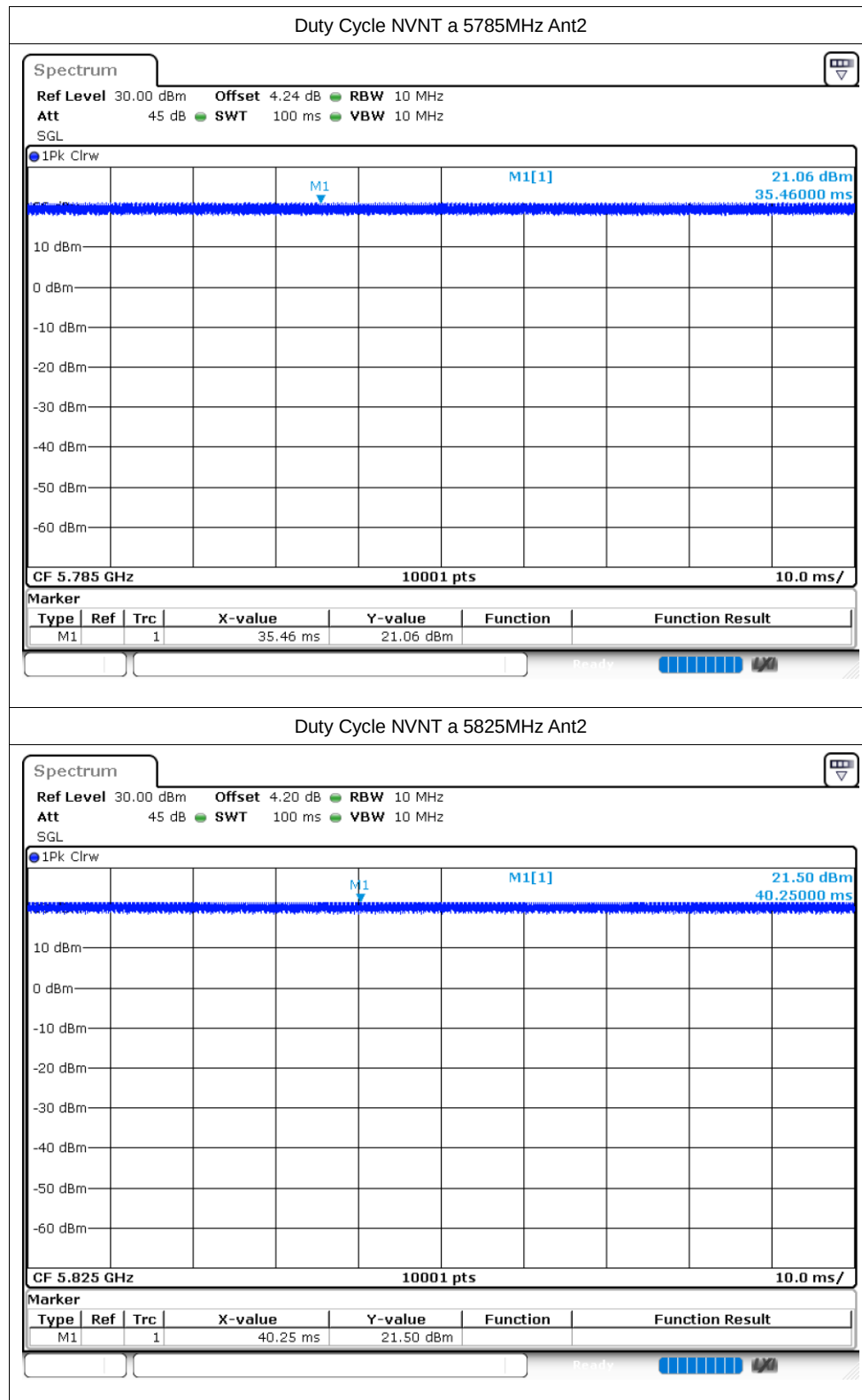
1Pk Clrw

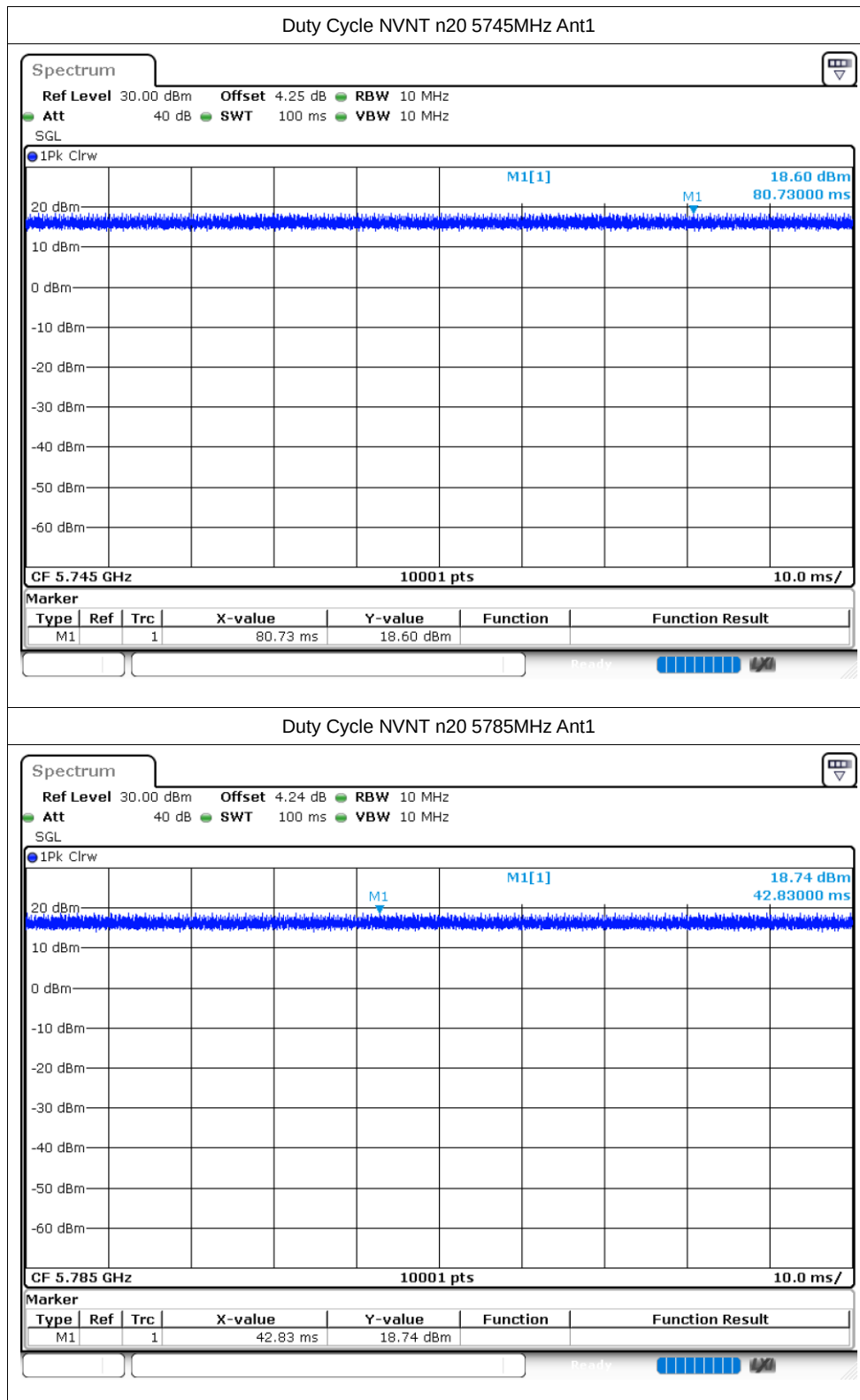


Marker

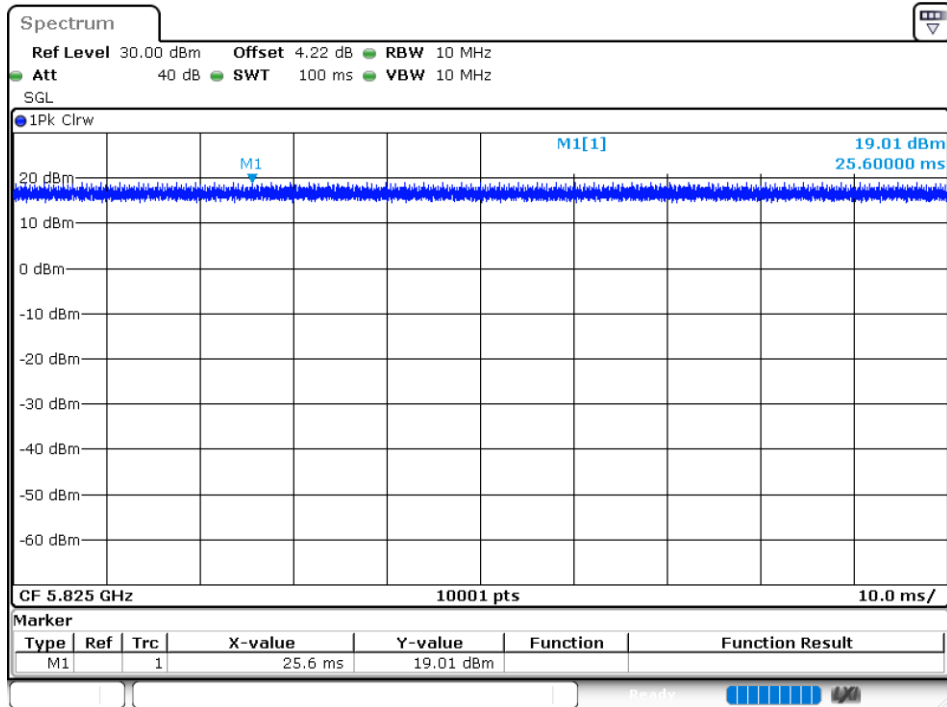
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	34.4 ms	21.71 dBm		



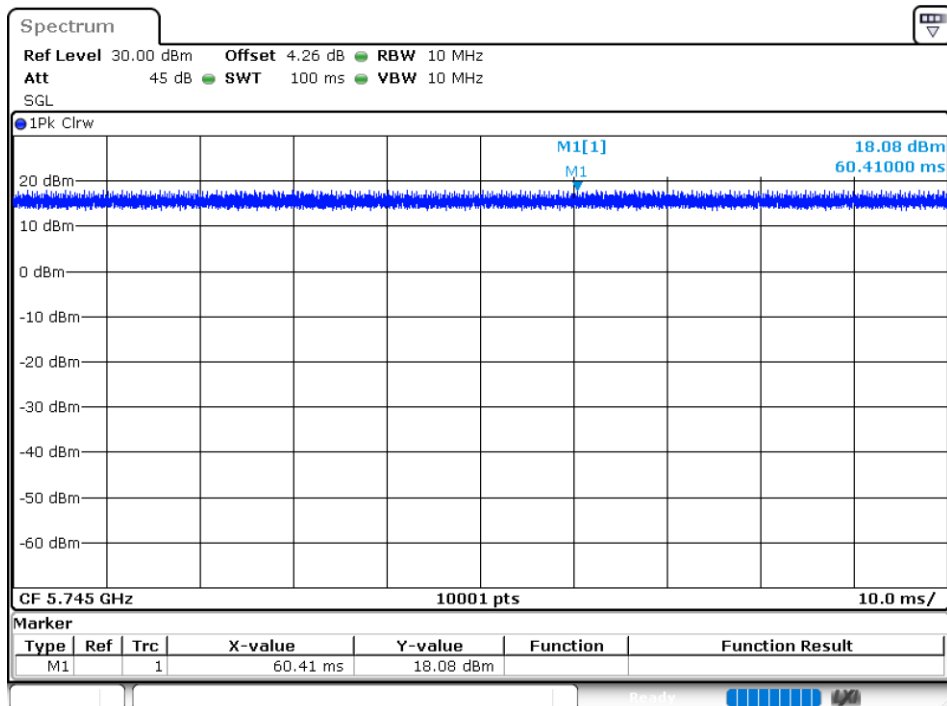


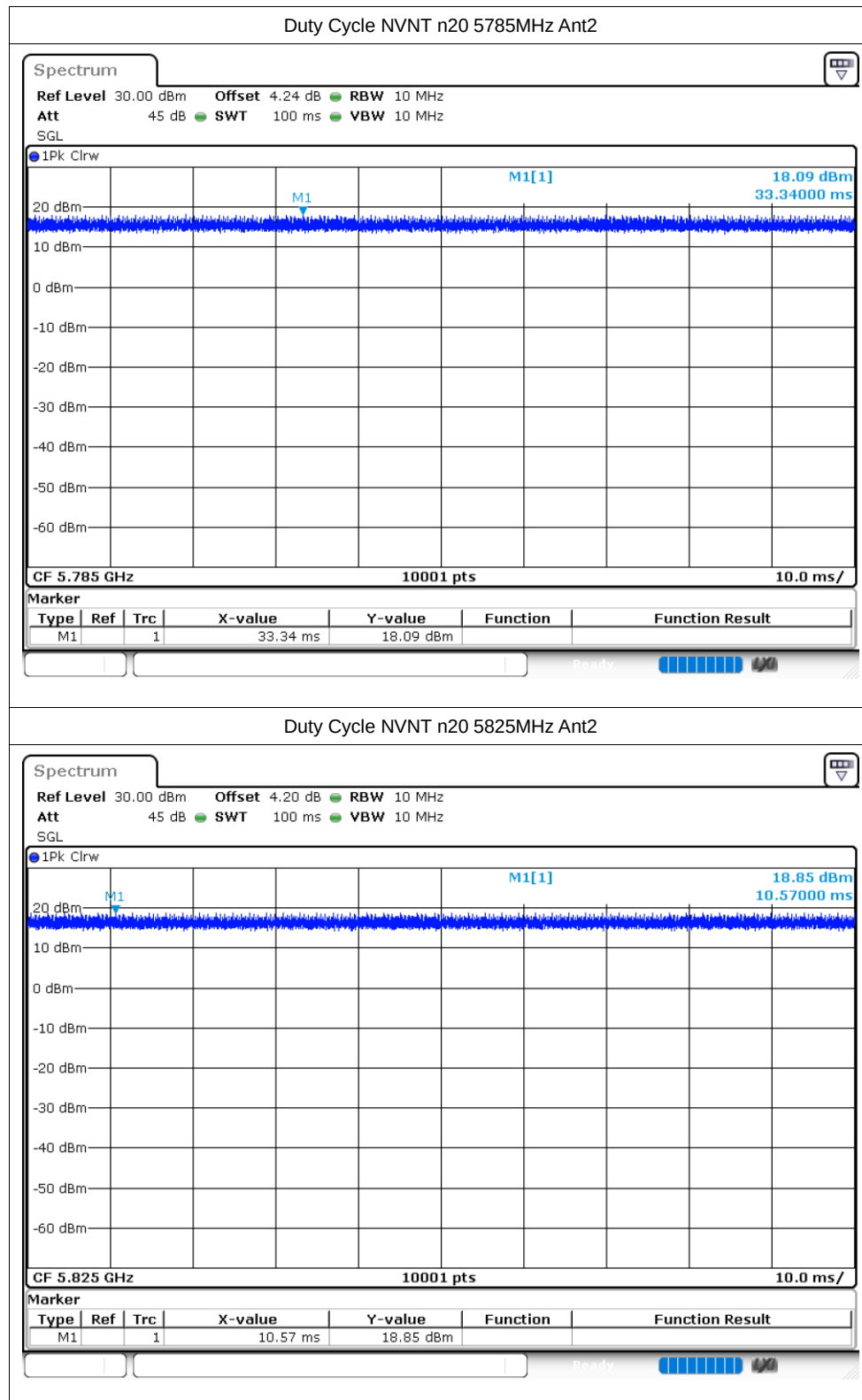


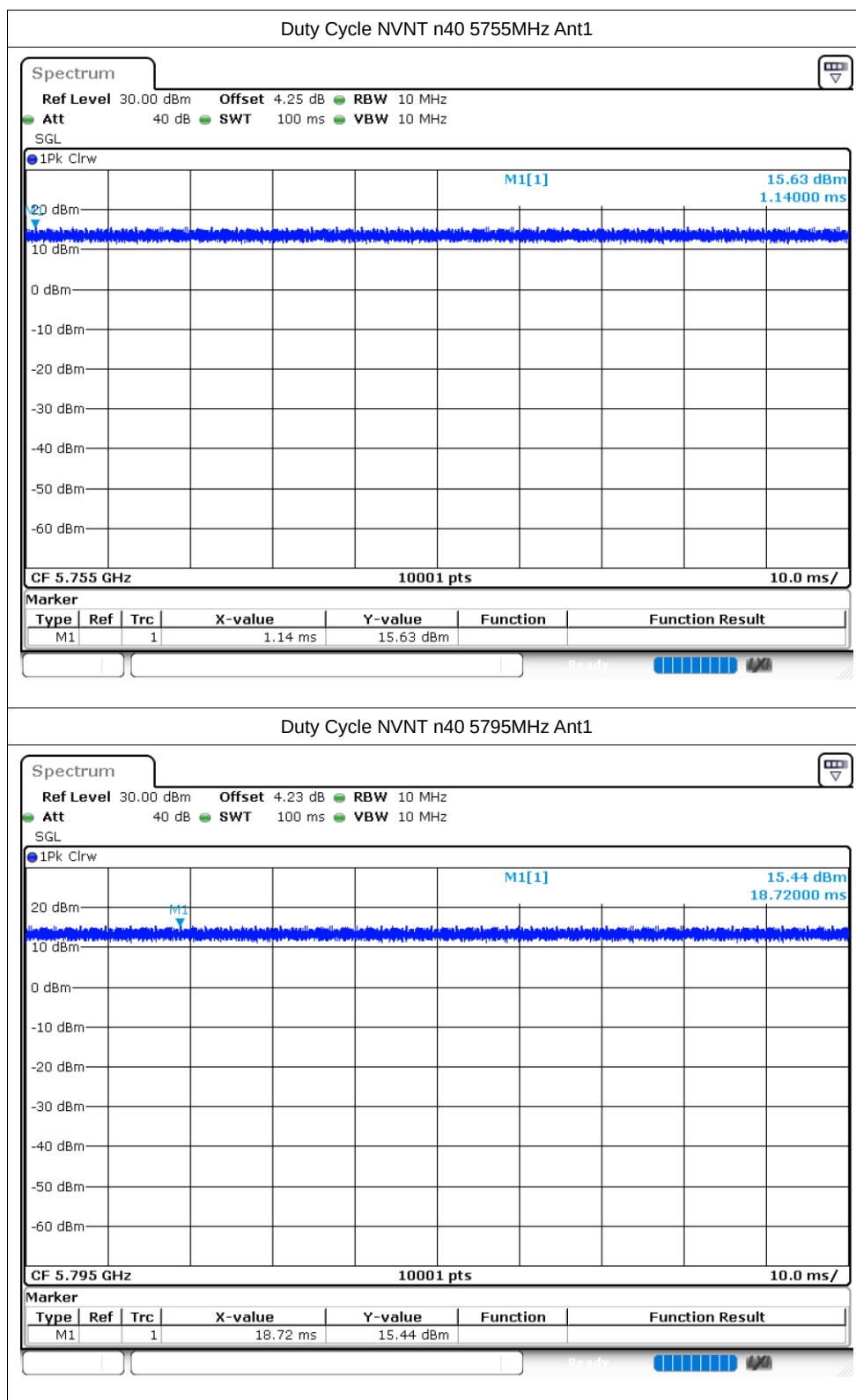
Duty Cycle NVNT n20 5825MHz Ant1

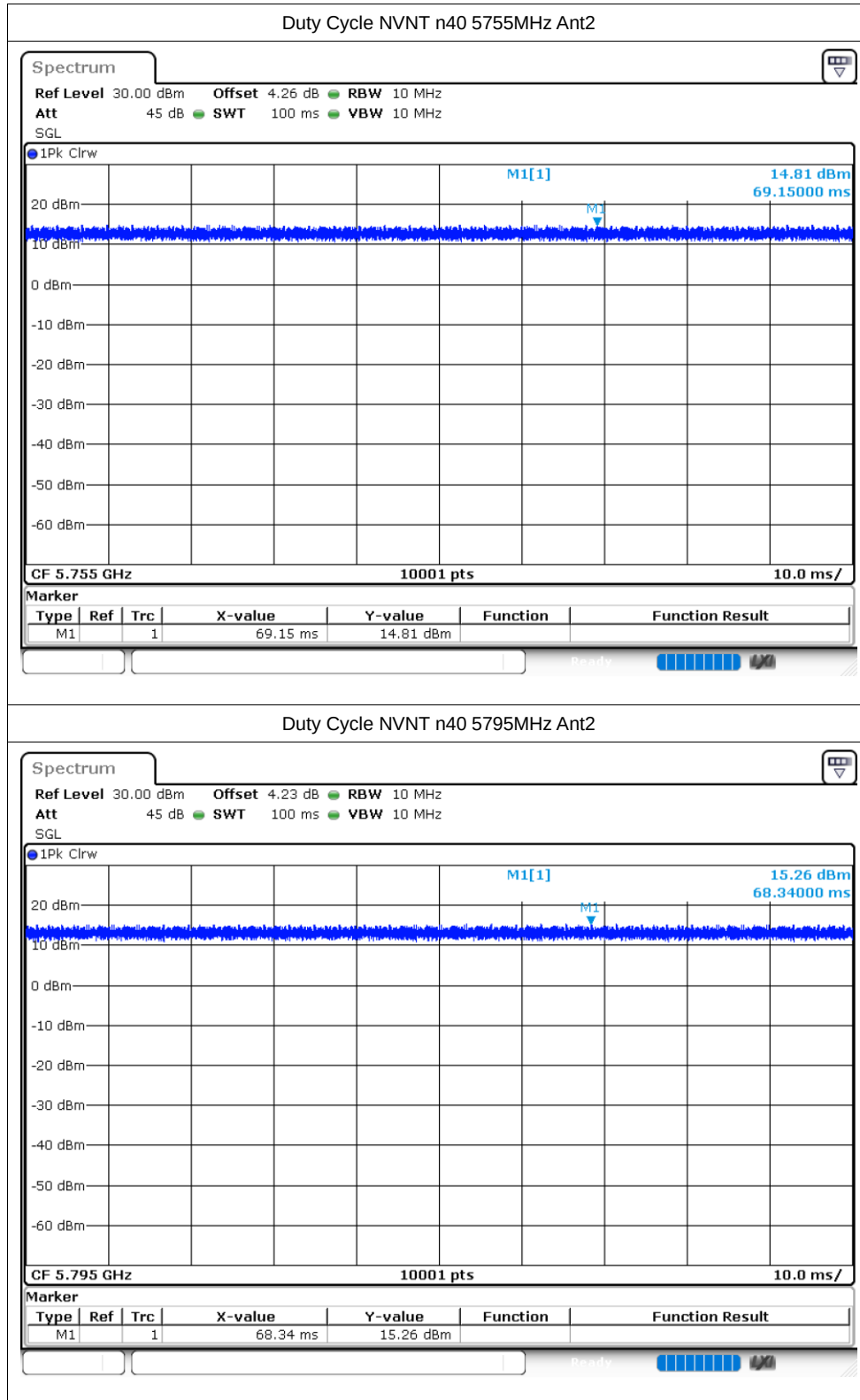


Duty Cycle NVNT n20 5745MHz Ant2

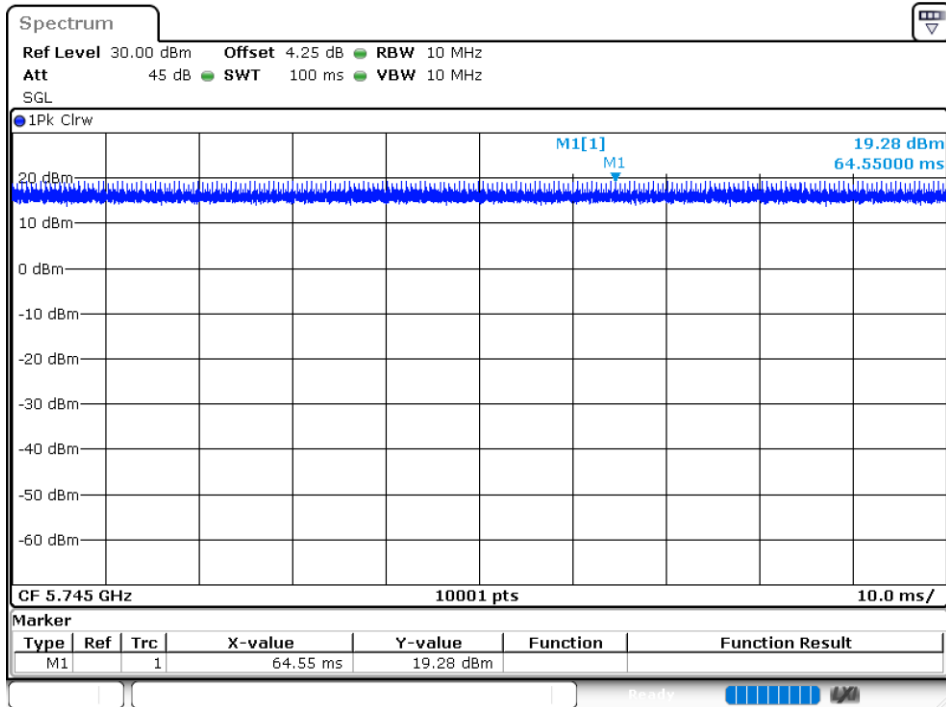




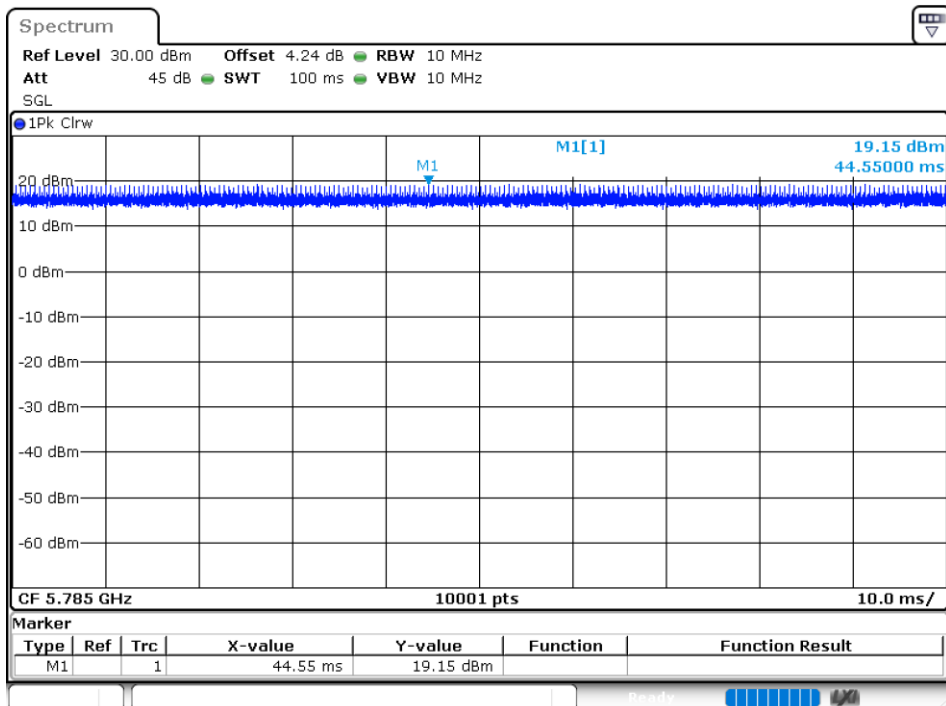


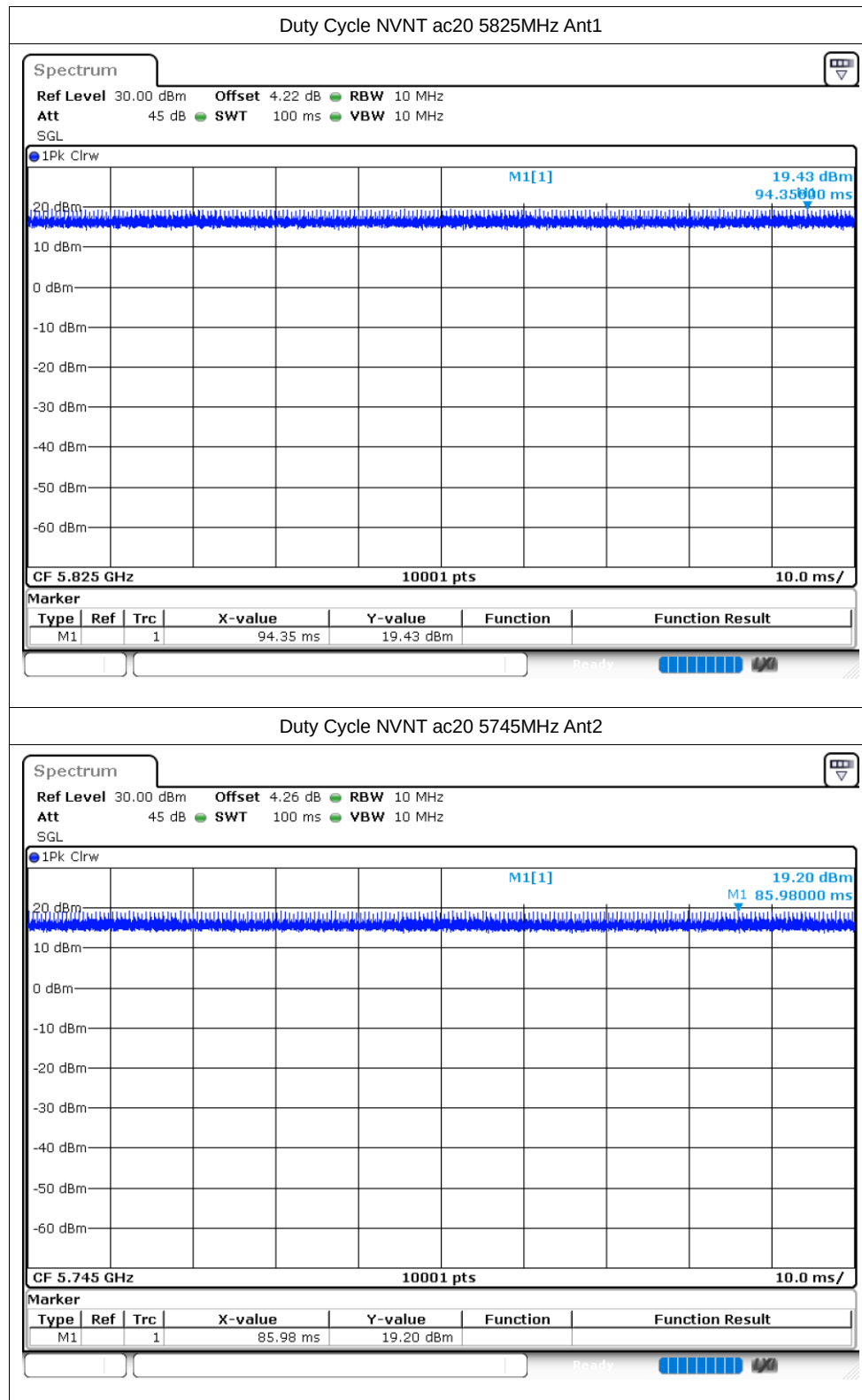


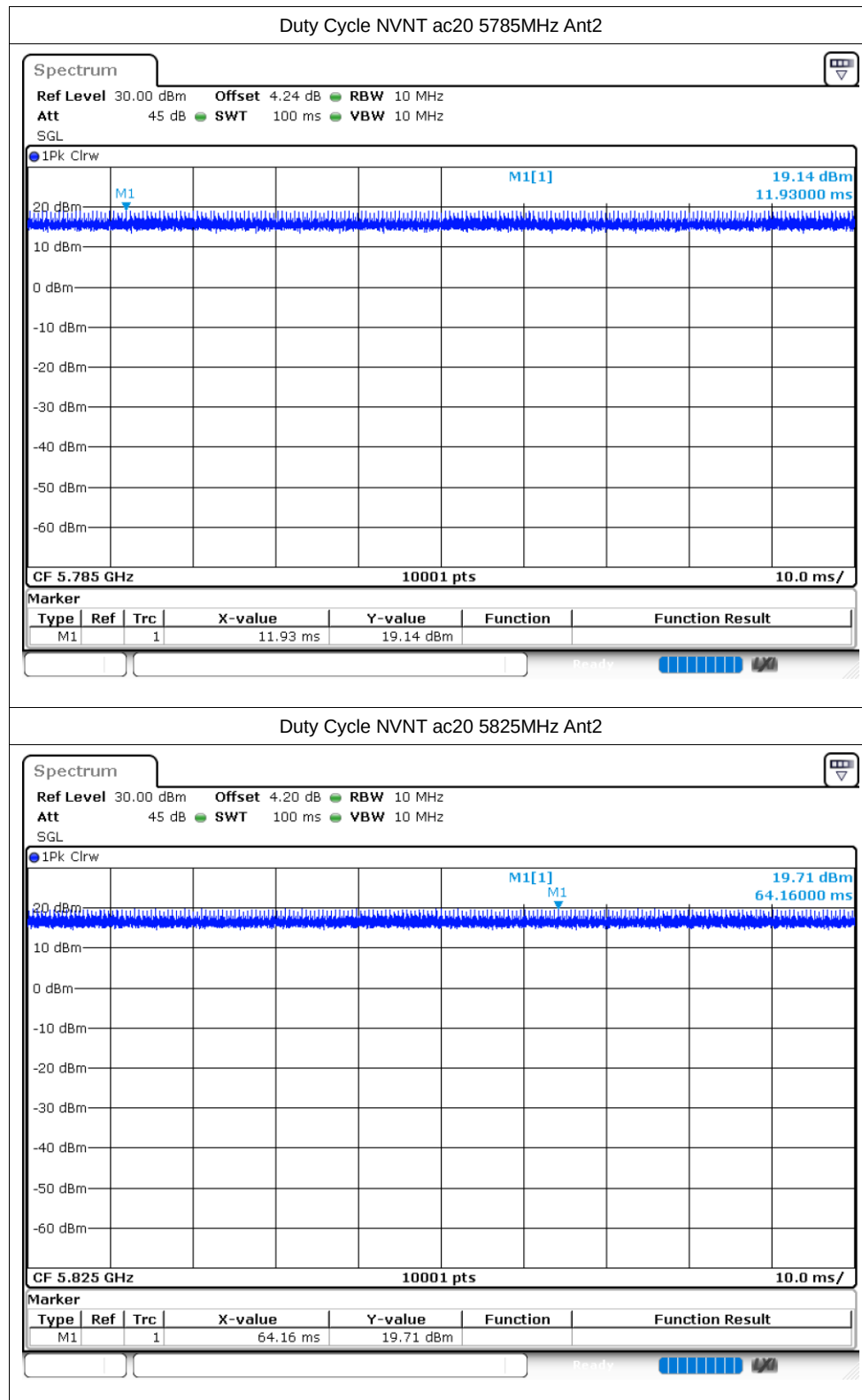
Duty Cycle NVNT ac20 5745MHz Ant1



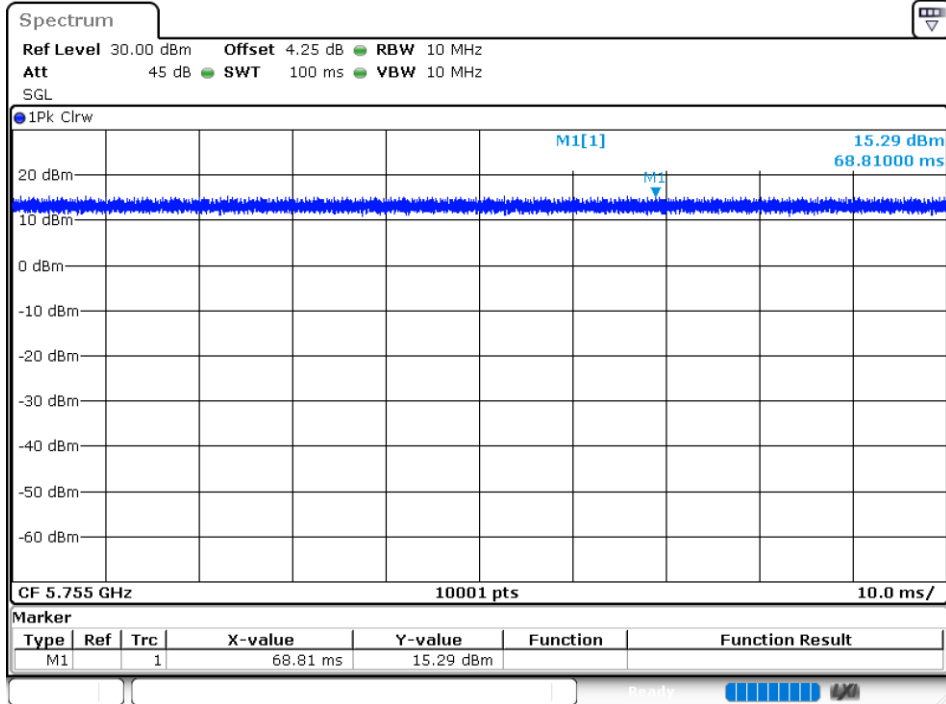
Duty Cycle NVNT ac20 5785MHz Ant1



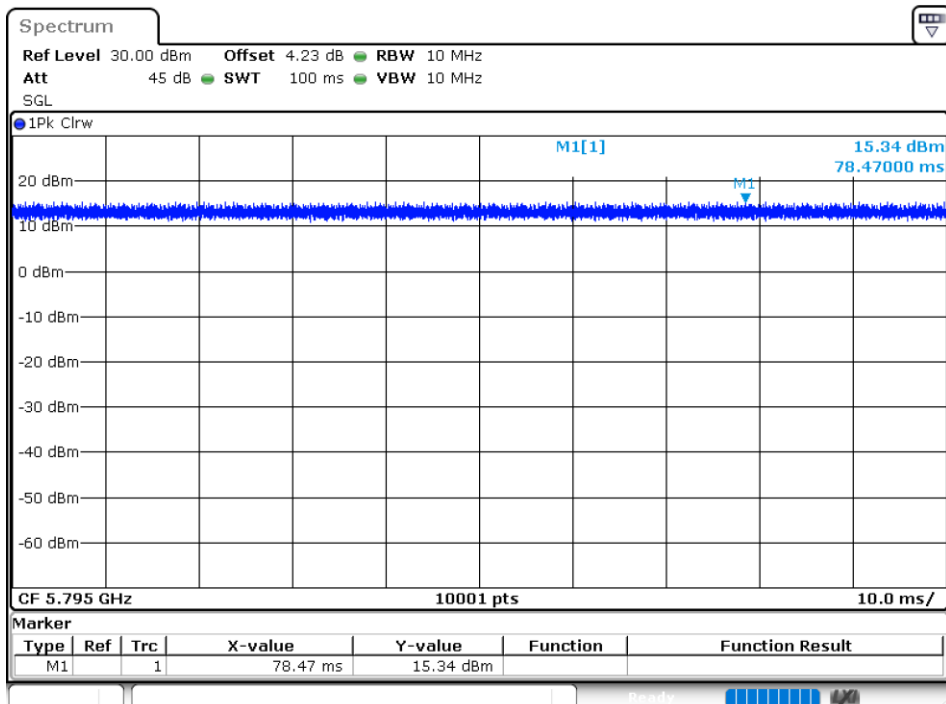


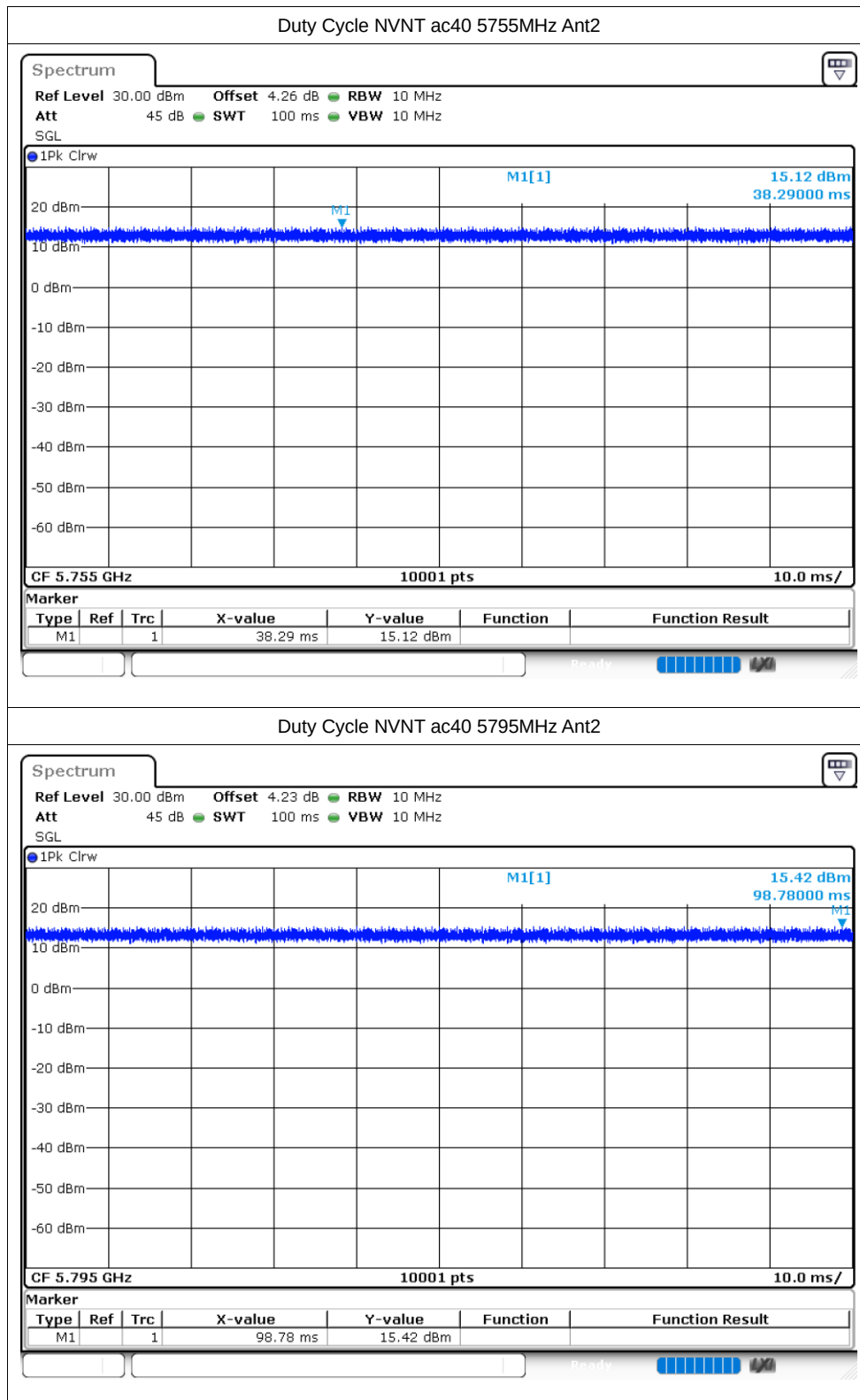


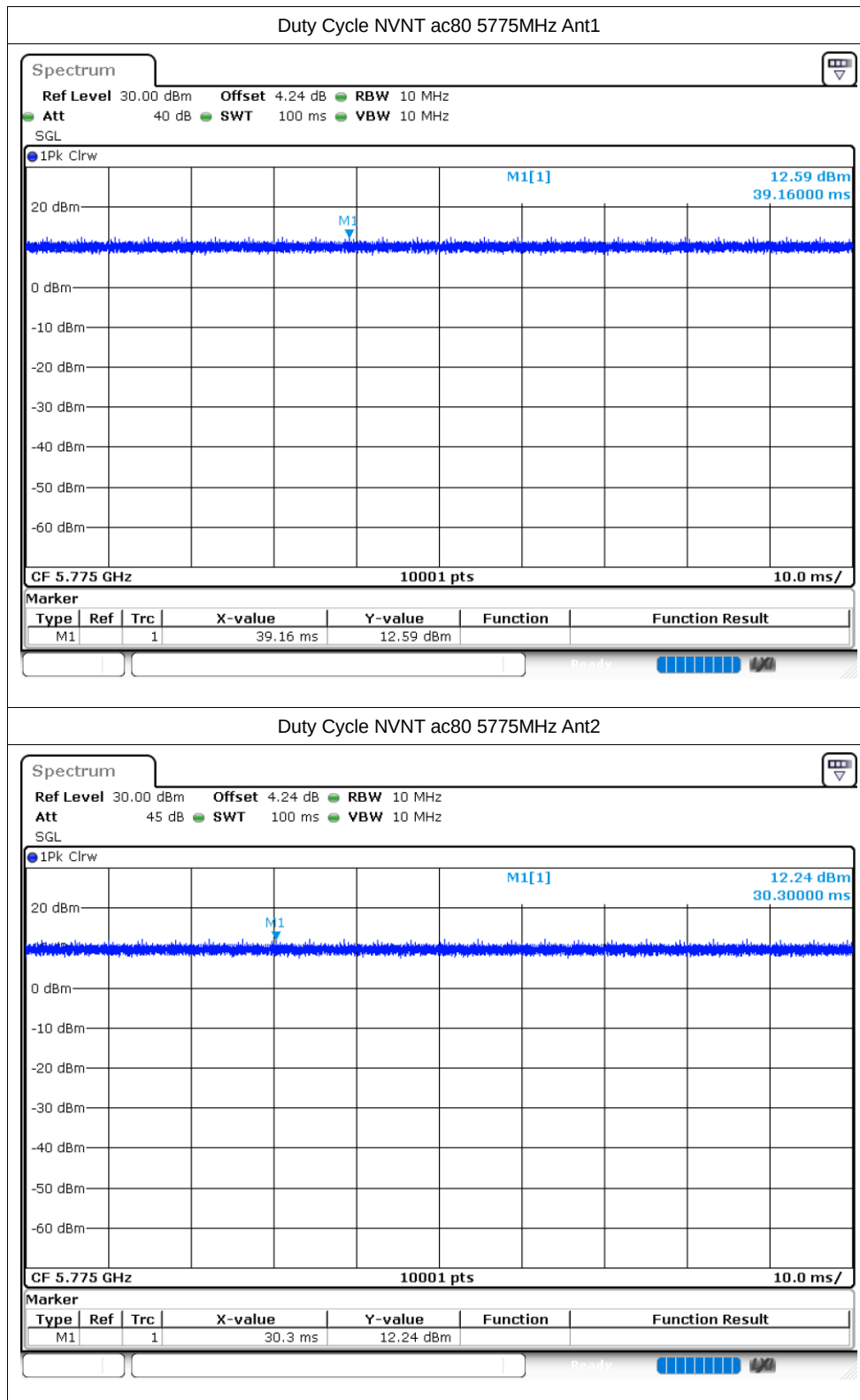
Duty Cycle NVNT ac40 5755MHz Ant1



Duty Cycle NVNT ac40 5795MHz Ant1







Maximum Conducted Output Power

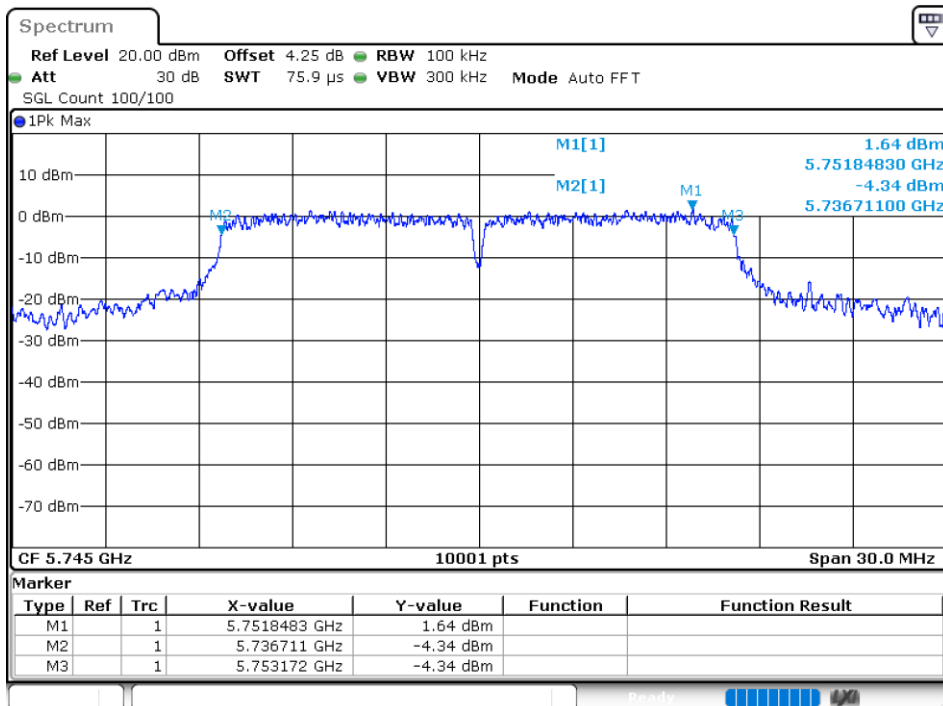
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	16.06	30	Pass
NVNT	a	5785	Ant1	16.92	30	Pass
NVNT	a	5825	Ant1	16.95	30	Pass
NVNT	a	5745	Ant2	16.35	30	Pass
NVNT	a	5785	Ant2	16.97	30	Pass
NVNT	a	5825	Ant2	17.44	30	Pass
NVNT	n20	5745	Ant1	11.46	30	Pass
NVNT	n20	5785	Ant1	12.27	30	Pass
NVNT	n20	5825	Ant1	12.98	30	Pass
NVNT	n20	5745	Ant2	12.03	30	Pass
NVNT	n20	5785	Ant2	12.72	30	Pass
NVNT	n20	5825	Ant2	13.36	30	Pass
NVNT	n40	5755	Ant1	11.93	30	Pass
NVNT	n40	5795	Ant1	12.87	30	Pass
NVNT	n40	5755	Ant2	12.35	30	Pass
NVNT	n40	5795	Ant2	13.04	30	Pass
NVNT	ac20	5745	Ant1	11.55	30	Pass
NVNT	ac20	5785	Ant1	12.17	30	Pass
NVNT	ac20	5825	Ant1	12.81	30	Pass
NVNT	ac20	5745	Ant2	12.06	30	Pass
NVNT	ac20	5785	Ant2	12.75	30	Pass
NVNT	ac20	5825	Ant2	13.39	30	Pass
NVNT	ac40	5755	Ant1	12.03	30	Pass
NVNT	ac40	5795	Ant1	12.61	30	Pass
NVNT	ac40	5755	Ant2	12.42	30	Pass
NVNT	ac40	5795	Ant2	13.09	30	Pass
NVNT	ac80	5775	Ant1	11.96	30	Pass
NVNT	ac80	5775	Ant2	12.39	30	Pass

-6dB Bandwidth

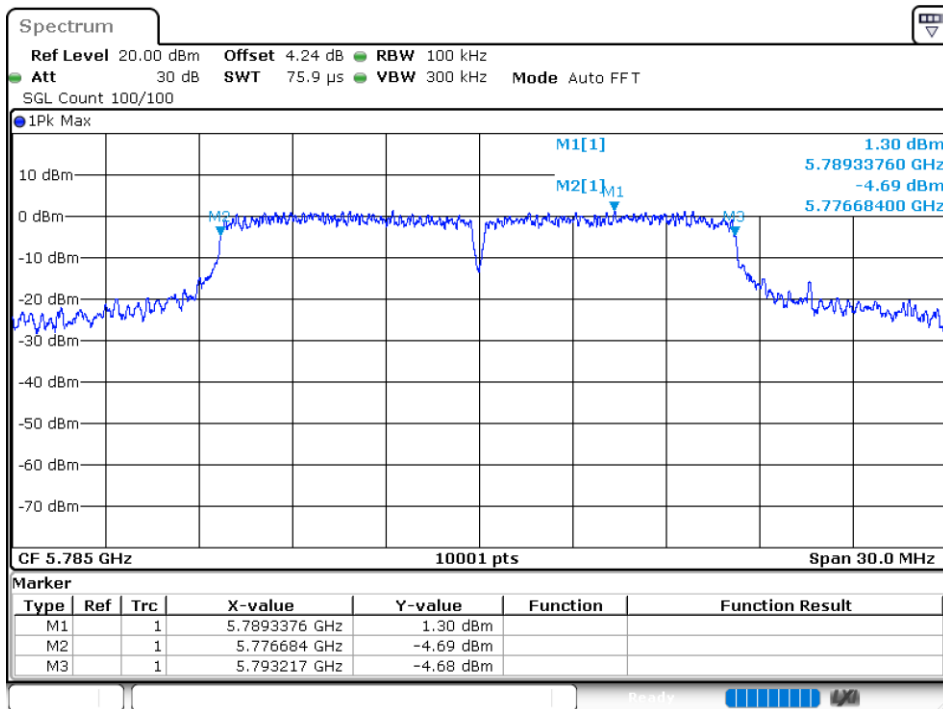
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.461	0.5	Pass
NVNT	a	5785	Ant1	16.533	0.5	Pass
NVNT	a	5825	Ant1	16.512	0.5	Pass
NVNT	a	5745	Ant2	16.464	0.5	Pass
NVNT	a	5785	Ant2	16.44	0.5	Pass
NVNT	a	5825	Ant2	16.44	0.5	Pass
NVNT	n20	5745	Ant1	17.589	0.5	Pass
NVNT	n20	5785	Ant1	17.598	0.5	Pass
NVNT	n20	5825	Ant1	17.592	0.5	Pass
NVNT	n20	5745	Ant2	17.595	0.5	Pass
NVNT	n20	5785	Ant2	17.598	0.5	Pass
NVNT	n20	5825	Ant2	17.592	0.5	Pass
NVNT	n40	5755	Ant1	36.342	0.5	Pass
NVNT	n40	5795	Ant1	36.336	0.5	Pass
NVNT	n40	5755	Ant2	36.336	0.5	Pass
NVNT	n40	5795	Ant2	36.33	0.5	Pass
NVNT	ac20	5745	Ant1	17.601	0.5	Pass
NVNT	ac20	5785	Ant1	17.676	0.5	Pass
NVNT	ac20	5825	Ant1	17.595	0.5	Pass
NVNT	ac20	5745	Ant2	17.595	0.5	Pass
NVNT	ac20	5785	Ant2	17.592	0.5	Pass
NVNT	ac20	5825	Ant2	17.61	0.5	Pass
NVNT	ac40	5755	Ant1	36.312	0.5	Pass
NVNT	ac40	5795	Ant1	36.348	0.5	Pass
NVNT	ac40	5755	Ant2	36.342	0.5	Pass
NVNT	ac40	5795	Ant2	36.342	0.5	Pass
NVNT	ac80	5775	Ant1	75.66	0.5	Pass
NVNT	ac80	5775	Ant2	74.964	0.5	Pass

Test Graphs

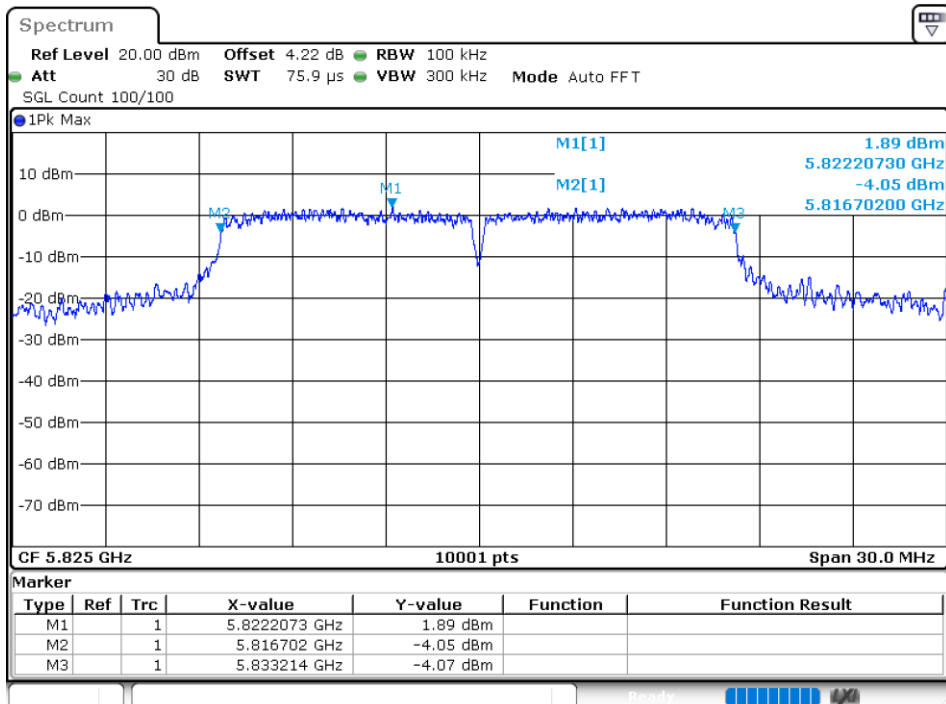
-6dB Bandwidth NVNT a 5745MHz Ant1



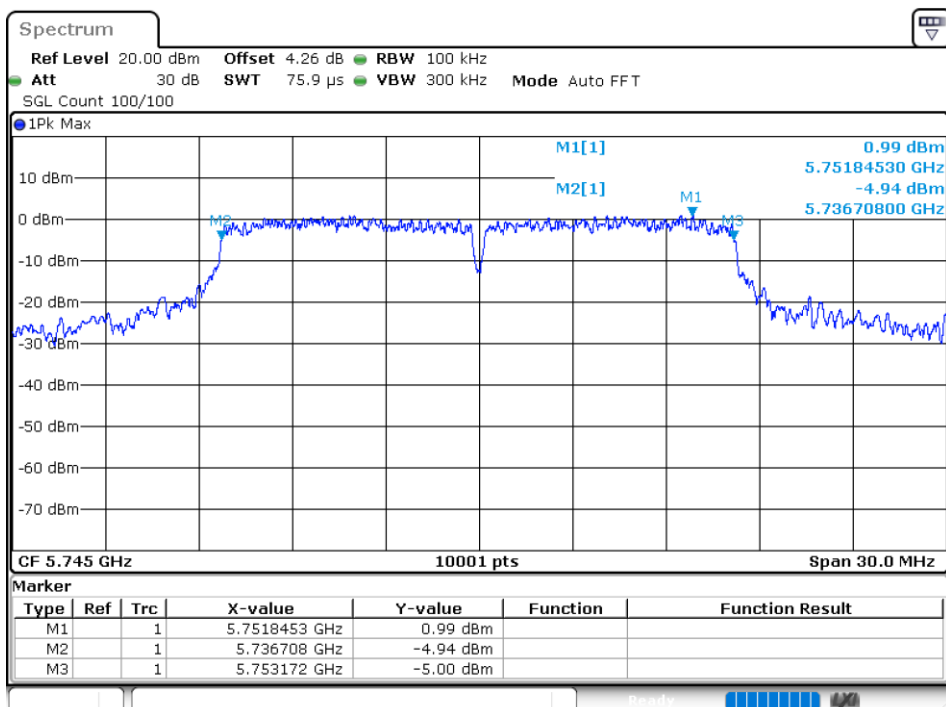
-6dB Bandwidth NVNT a 5785MHz Ant1



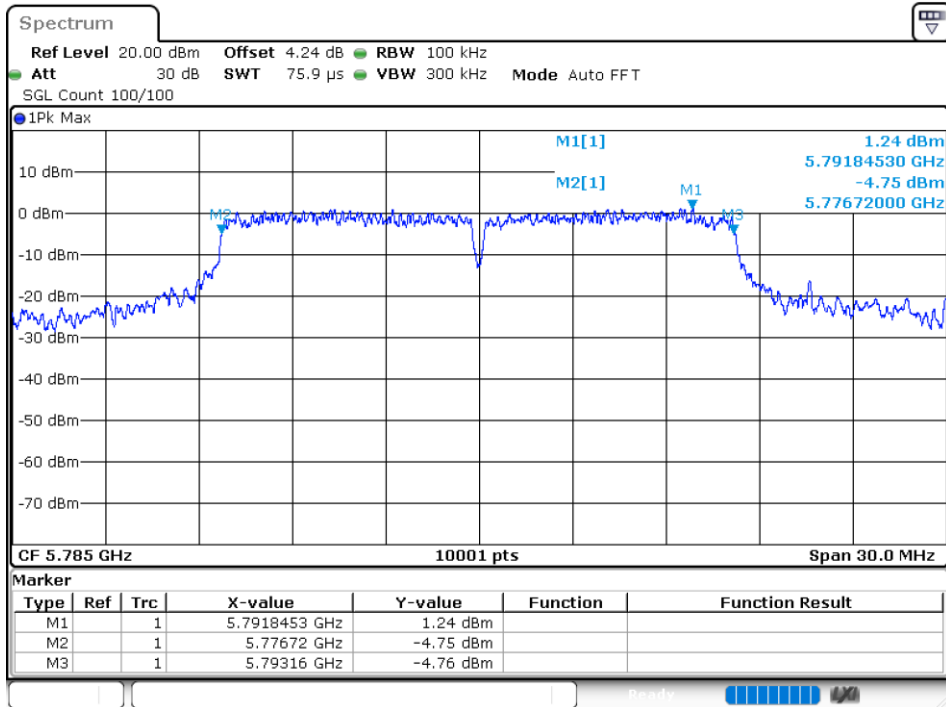
-6dB Bandwidth NVNT a 5825MHz Ant1



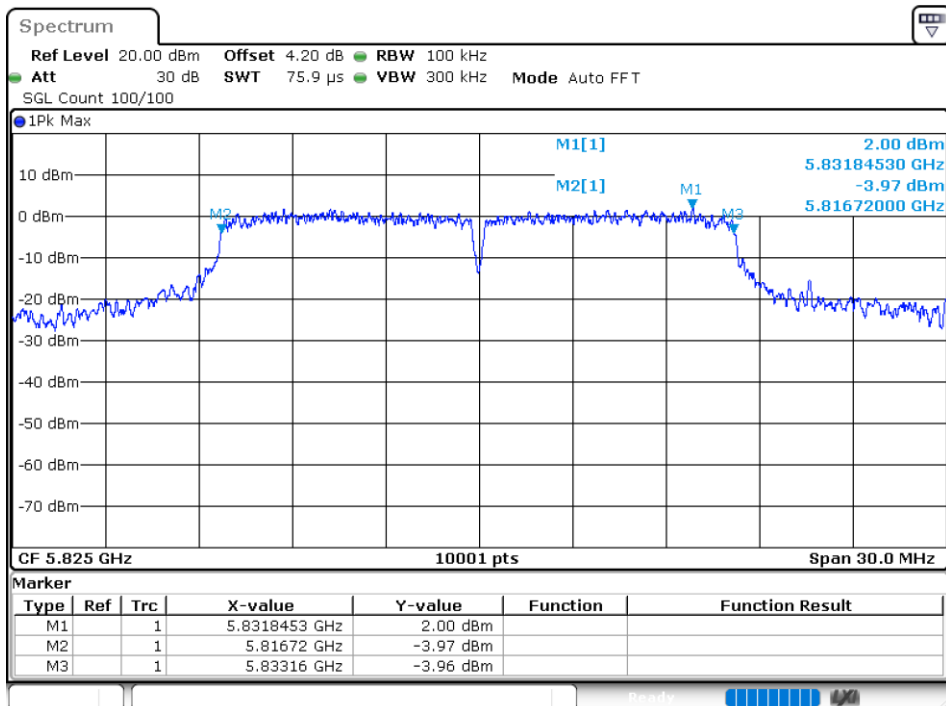
-6dB Bandwidth NVNT a 5745MHz Ant2



-6dB Bandwidth NVNT a 5785MHz Ant2



-6dB Bandwidth NVNT a 5825MHz Ant2

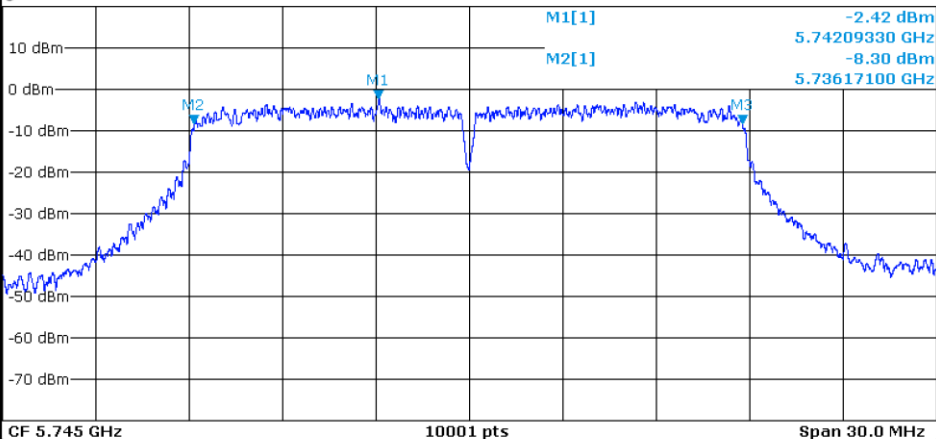


-6dB Bandwidth NVNT n20 5745MHz Ant1

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

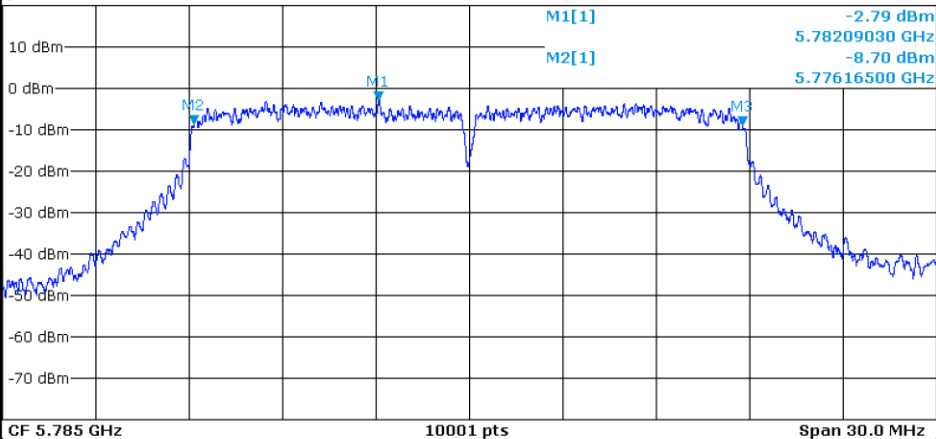
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.7420933 GHz	-2.42 dBm		
M2	1	1	5.736171 GHz	-8.30 dBm		
M3	1	1	5.75376 GHz	-8.17 dBm		

-6dB Bandwidth NVNT n20 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	1	5.7820903 GHz	-2.79 dBm		
M2	1	1	5.776165 GHz	-8.70 dBm		
M3	1	1	5.793763 GHz	-8.75 dBm		

