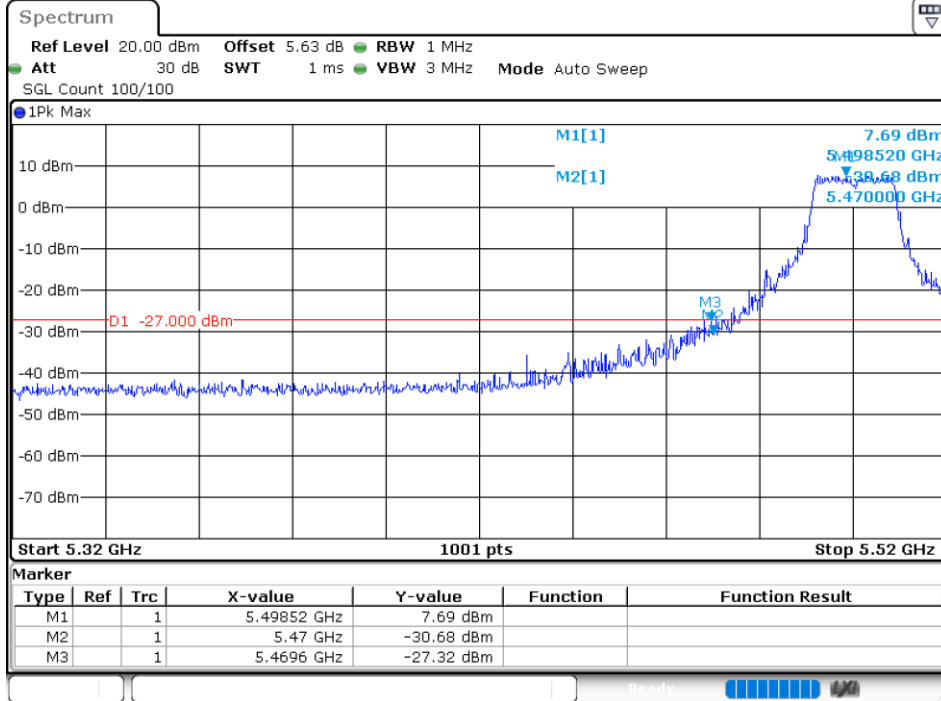
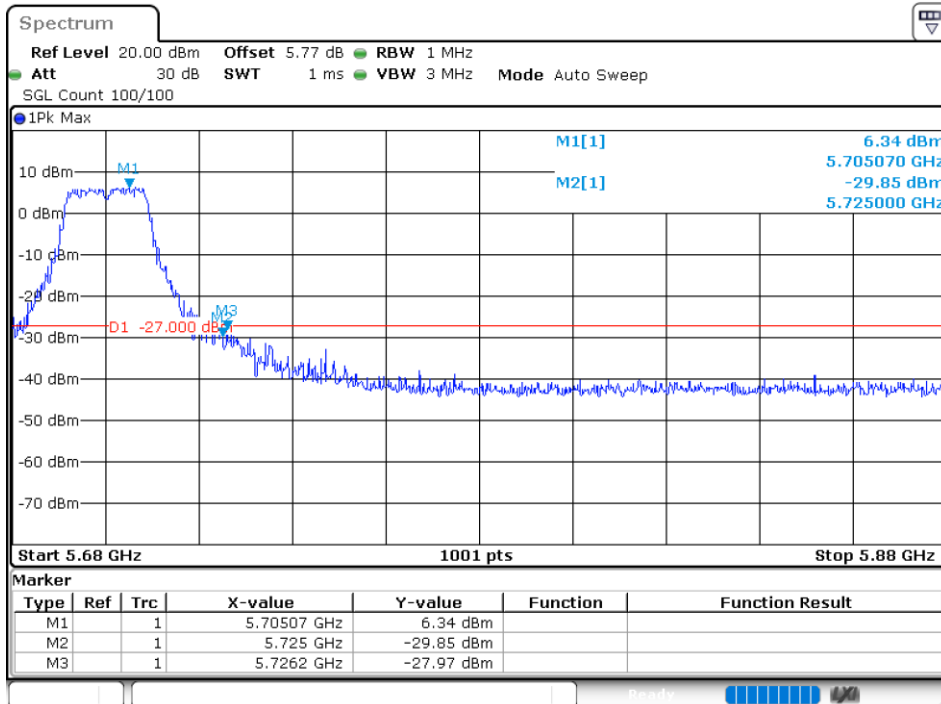


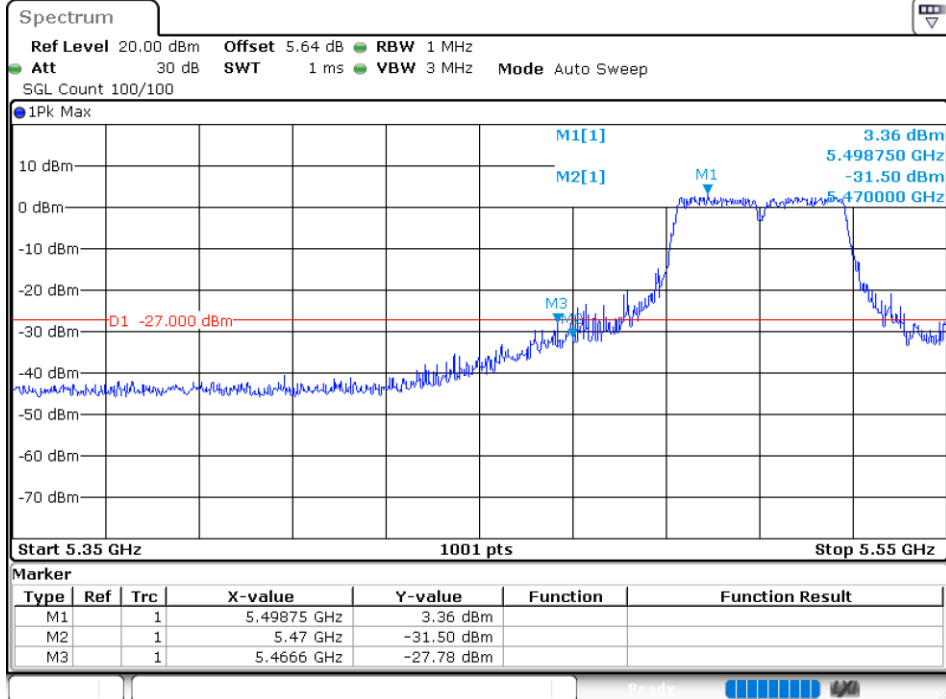
Band Edge NVNT n20 5500MHz Low Ant1



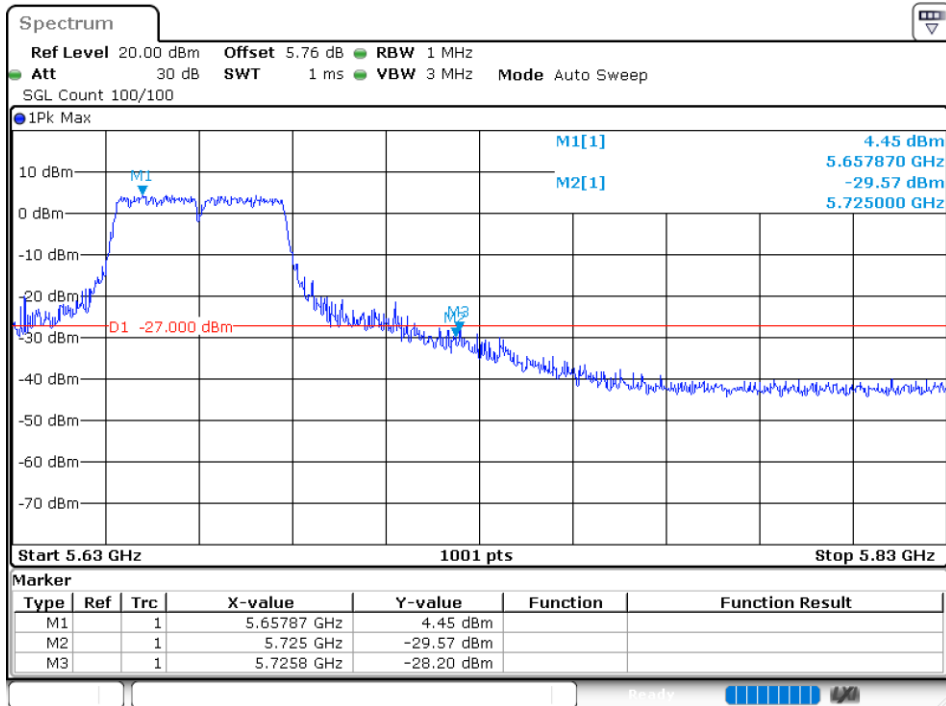
Band Edge NVNT n20 5700MHz High Ant1



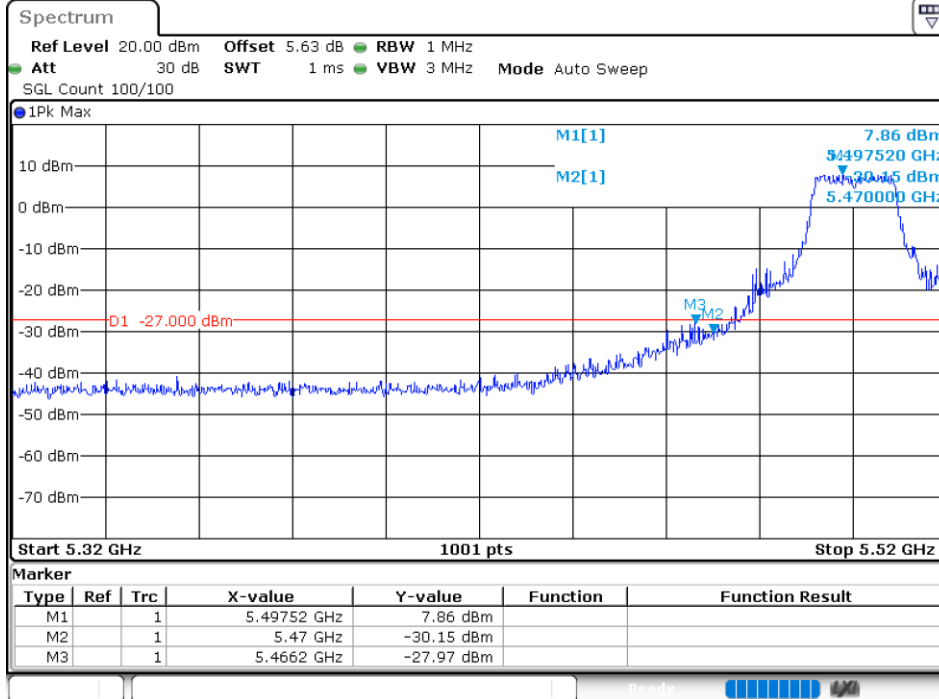
Band Edge NVNT n40 5510MHz Low Ant1



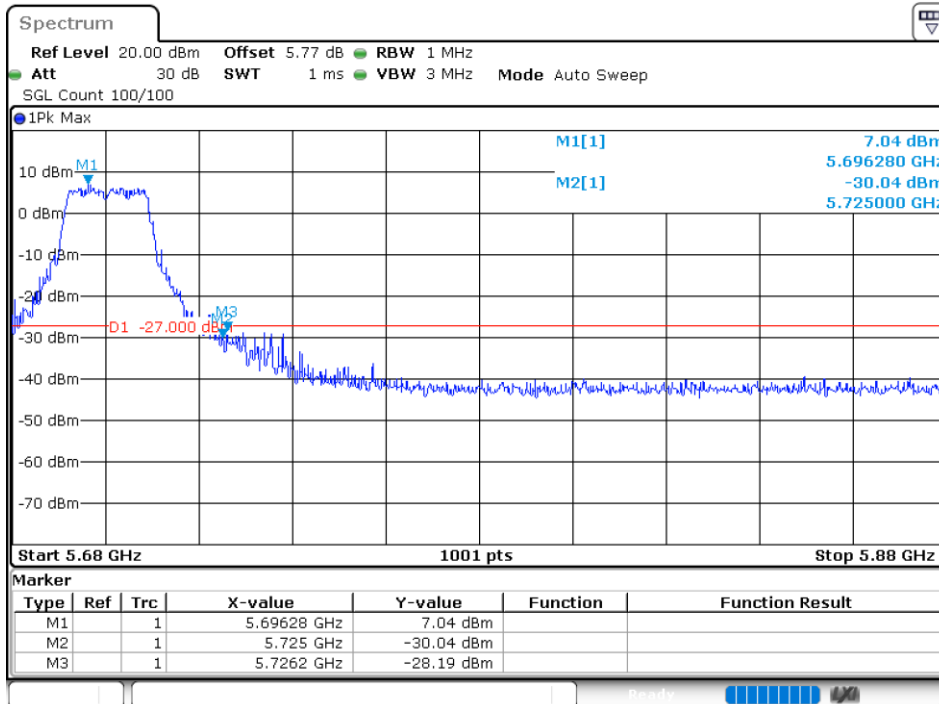
Band Edge NVNT n40 5670MHz High Ant1



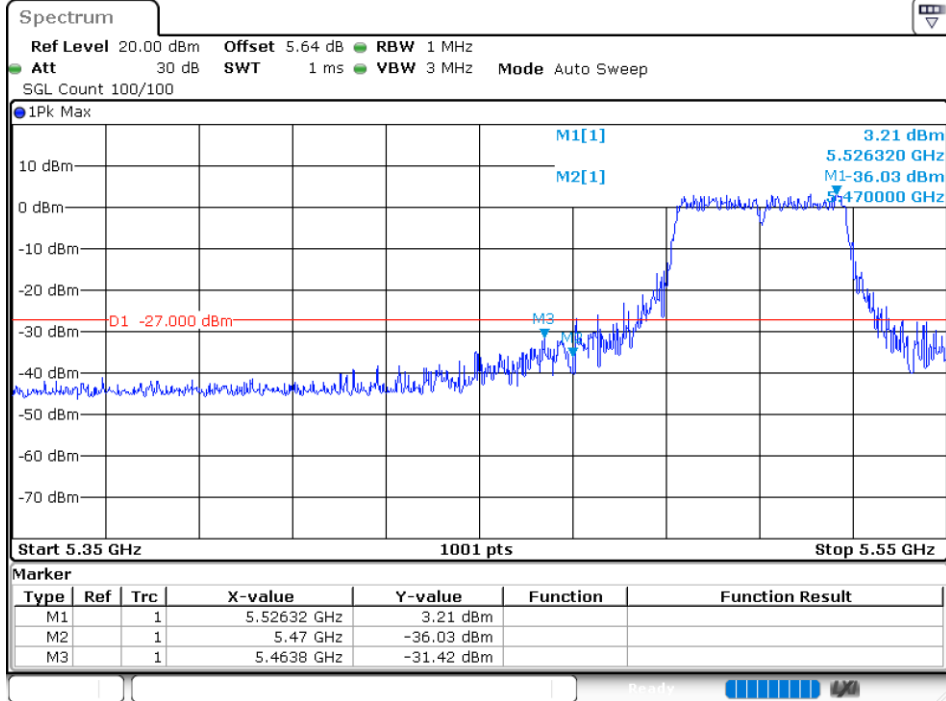
Band Edge NVNT ac20 5500MHz Low Ant1



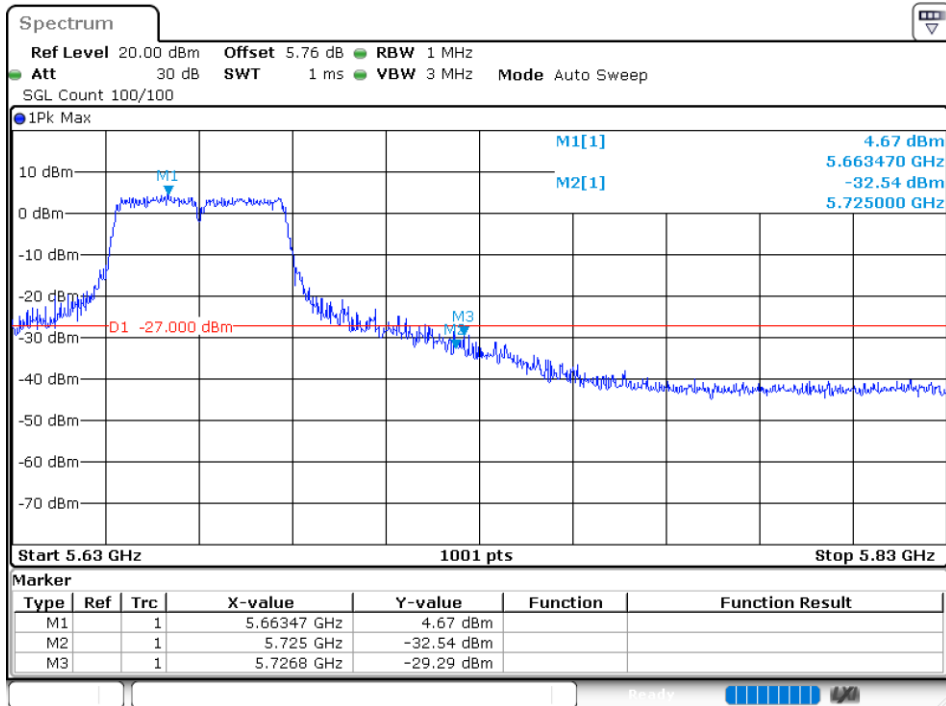
Band Edge NVNT ac20 5700MHz High Ant1



Band Edge NVNT ac40 5510MHz Low Ant1



Band Edge NVNT ac40 5670MHz High Ant1

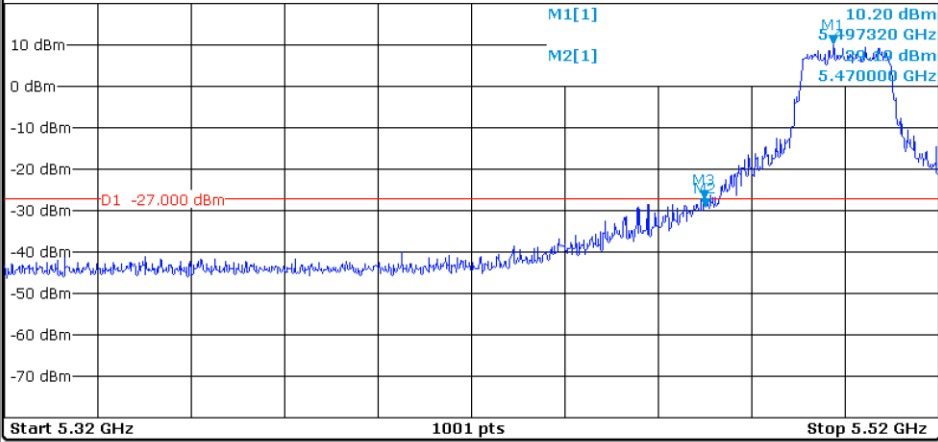


Band Edge NVNT ax20 5500MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 5.63 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

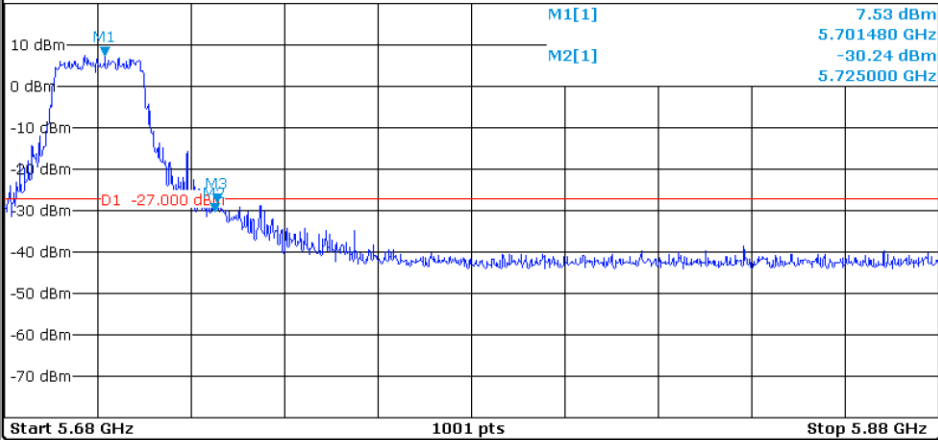
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.49732 GHz	10.20 dBm		
M2		1	5.47 GHz	-29.19 dBm		
M3		1	5.4698 GHz	-27.17 dBm		

Band Edge NVNT ax20 5700MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 5.77 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

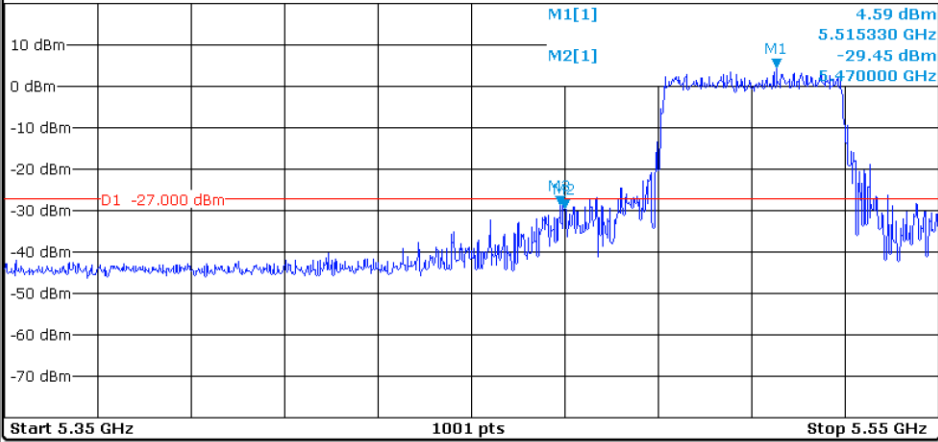
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.70148 GHz	7.53 dBm		
M2		1	5.725 GHz	-30.24 dBm		
M3		1	5.7256 GHz	-27.98 dBm		

Band Edge NVNT ax40 5510MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 5.64 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

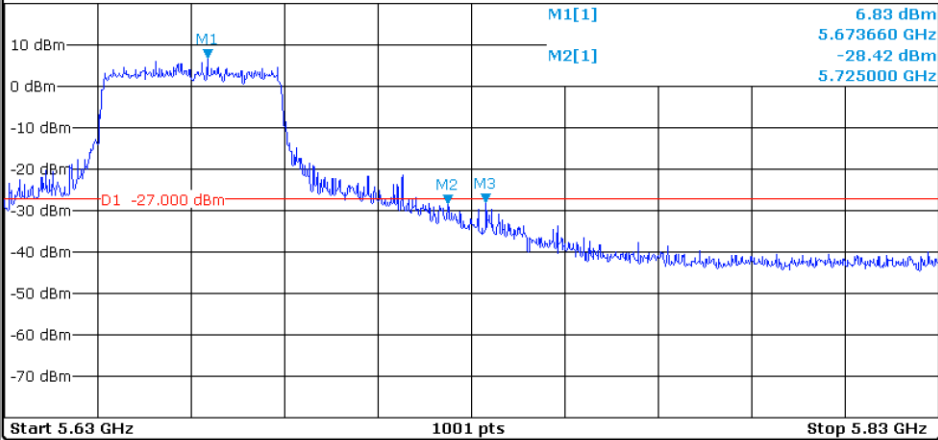
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.51533 GHz	4.59 dBm		
M2		1	5.47 GHz	-29.45 dBm		
M3		1	5.469 GHz	-28.50 dBm		

Band Edge NVNT ax40 5670MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 5.76 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	5.67366 GHz	6.83 dBm		
M2		1	5.725 GHz	-28.42 dBm		
M3		1	5.733 GHz	-27.93 dBm		

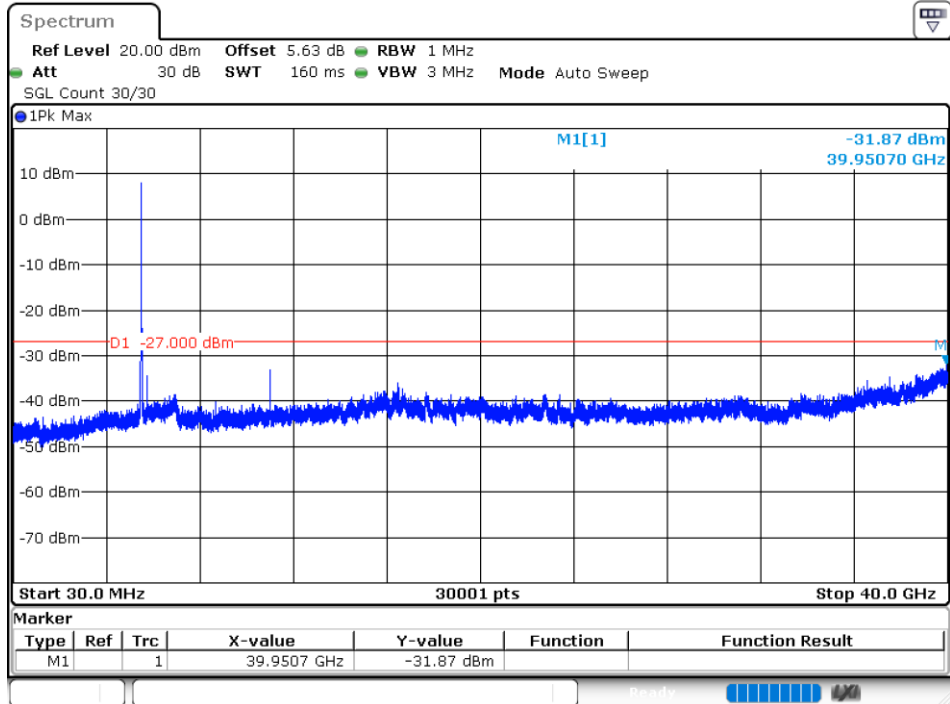
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5500	Ant1	-31.87	-27	Pass
NVNT	a	5600	Ant1	-33.22	-27	Pass
NVNT	a	5700	Ant1	-32.63	-27	Pass
NVNT	n20	5500	Ant1	-33.03	-27	Pass
NVNT	n20	5600	Ant1	-32.76	-27	Pass
NVNT	n20	5700	Ant1	-32.76	-27	Pass
NVNT	n40	5510	Ant1	-32.14	-27	Pass
NVNT	n40	5590	Ant1	-33.37	-27	Pass
NVNT	n40	5670	Ant1	-32.12	-27	Pass
NVNT	ac20	5500	Ant1	-32.19	-27	Pass
NVNT	ac20	5600	Ant1	-31.89	-27	Pass
NVNT	ac20	5700	Ant1	-31.31	-27	Pass
NVNT	ac40	5510	Ant1	-32.96	-27	Pass
NVNT	ac40	5590	Ant1	-32.92	-27	Pass
NVNT	ac40	5670	Ant1	-32.41	-27	Pass
NVNT	ax20	5500	Ant1	-31.99	-27	Pass
NVNT	ax20	5600	Ant1	-32.8	-27	Pass
NVNT	ax20	5700	Ant1	-32.77	-27	Pass
NVNT	ax40	5510	Ant1	-32.18	-27	Pass
NVNT	ax40	5590	Ant1	-33.16	-27	Pass
NVNT	ax40	5670	Ant1	-33.33	-27	Pass

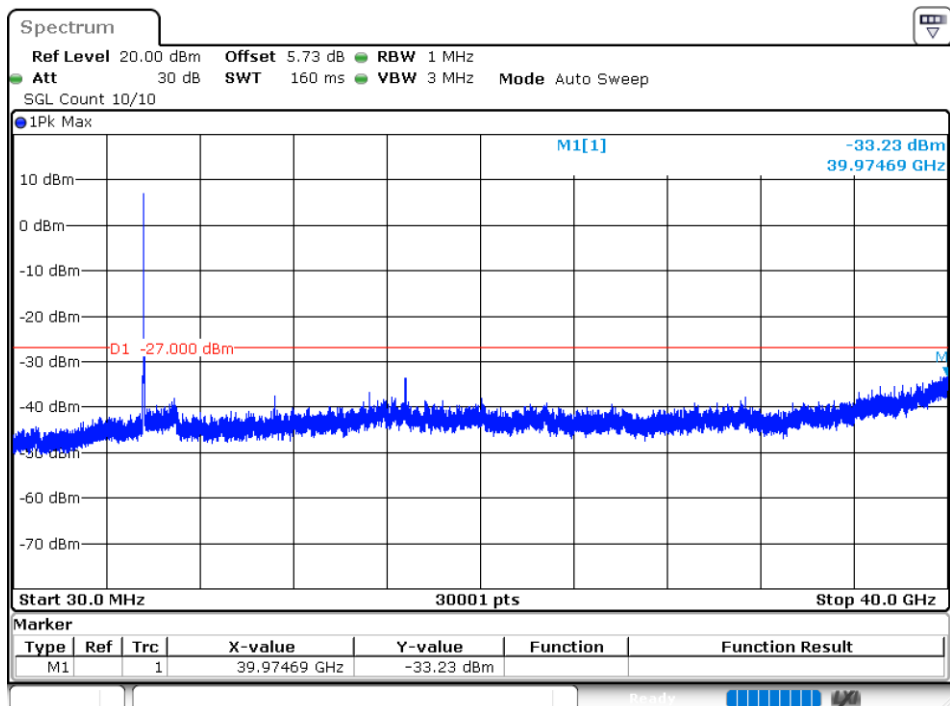
Note: This test has increased antenna gain.

Test Graphs

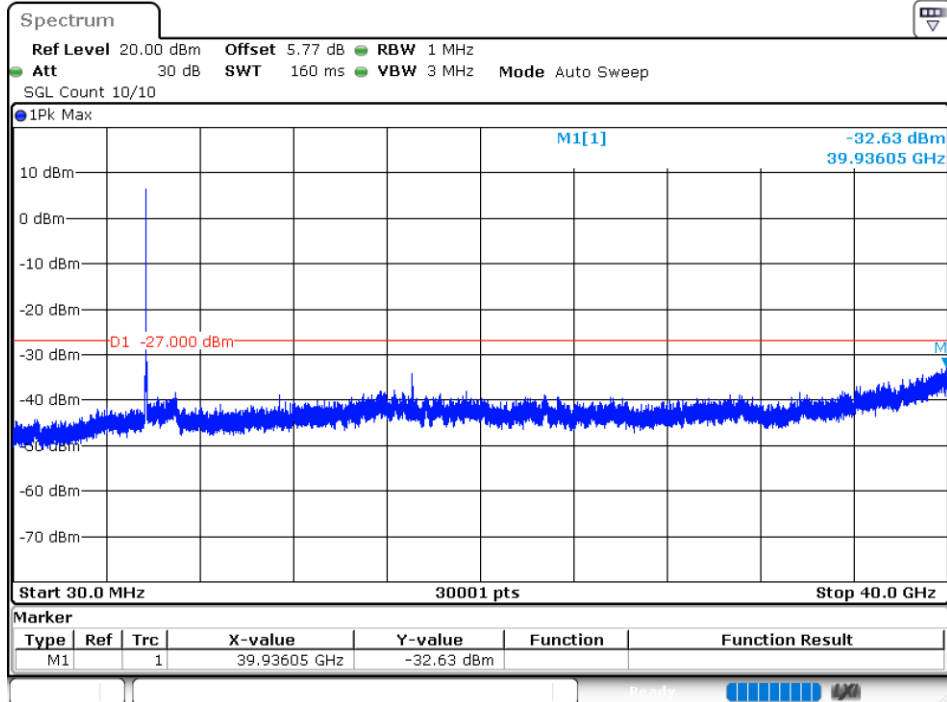
Tx. Spurious NVNT a 5500MHz Ant1 Emission



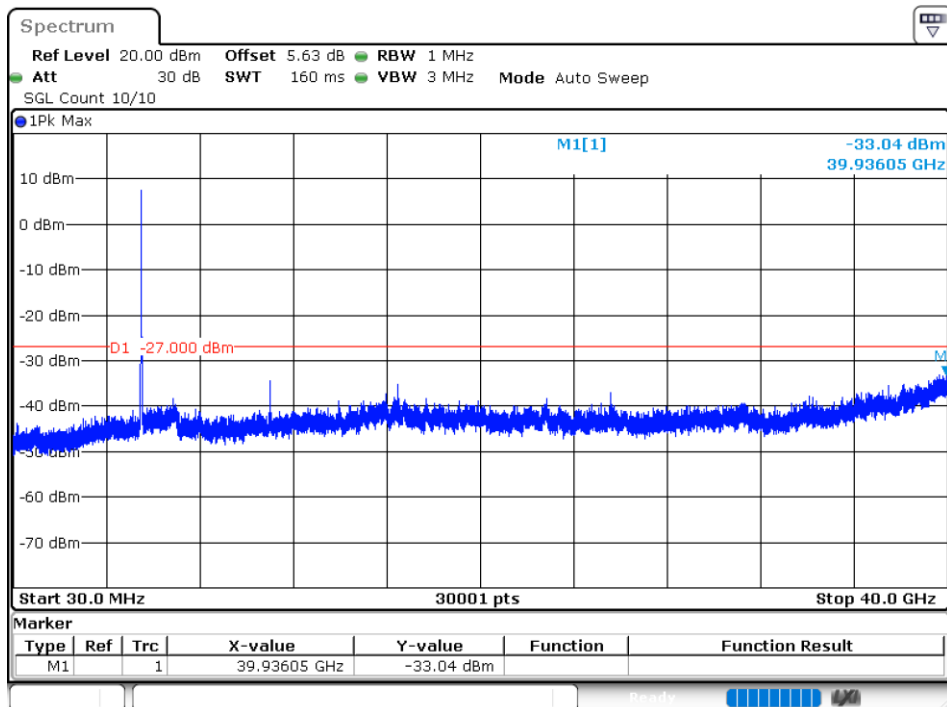
Tx. Spurious NVNT a 5600MHz Ant1 Emission



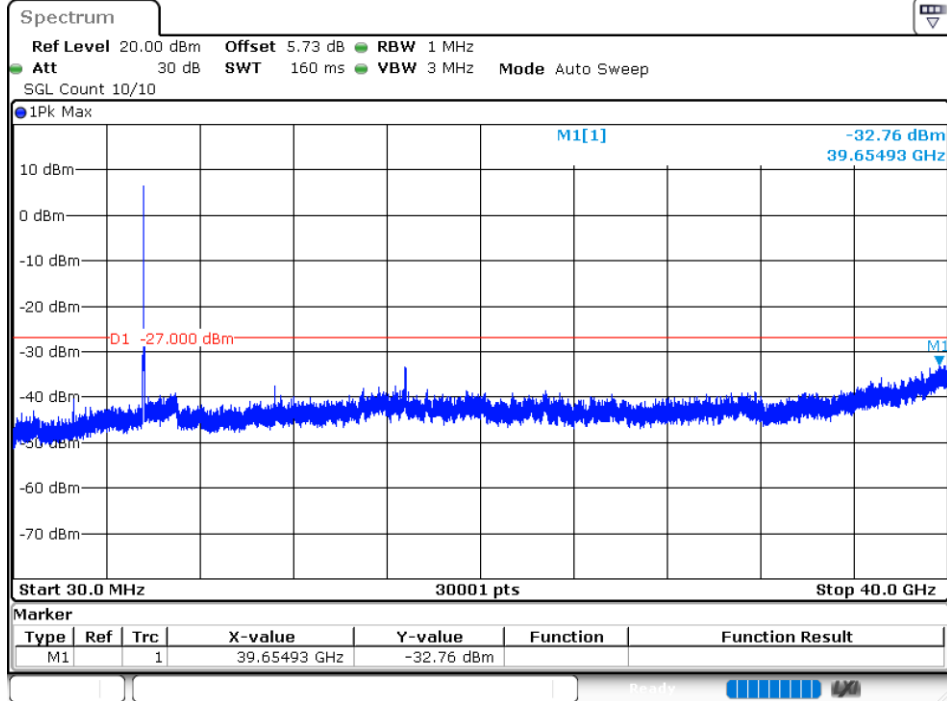
Tx. Spurious NVNT a 5700MHz Ant1 Emission



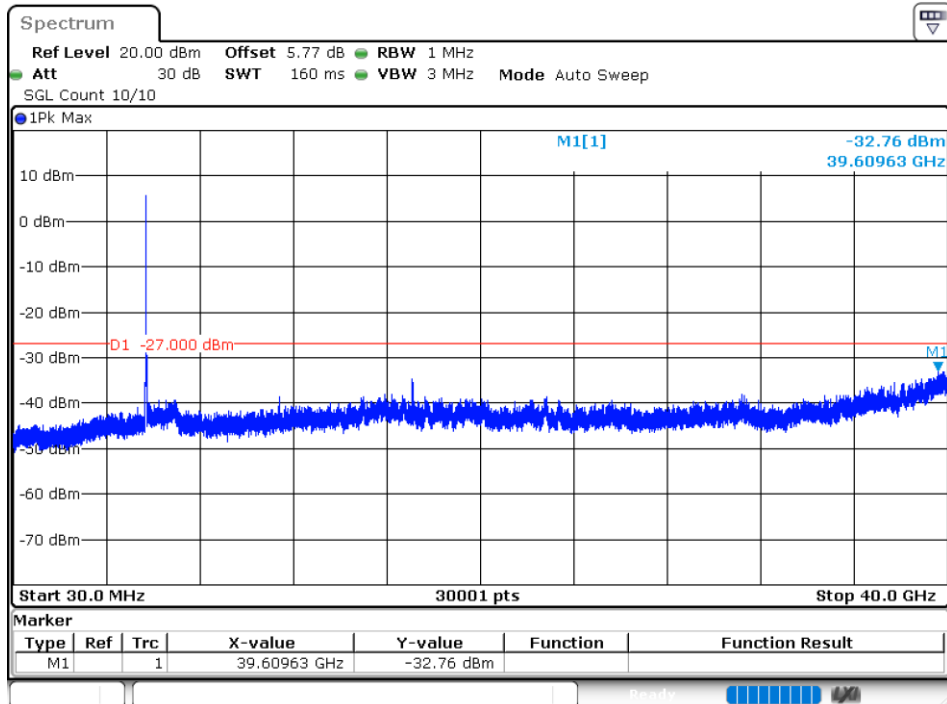
Tx. Spurious NVNT n20 5500MHz Ant1 Emission



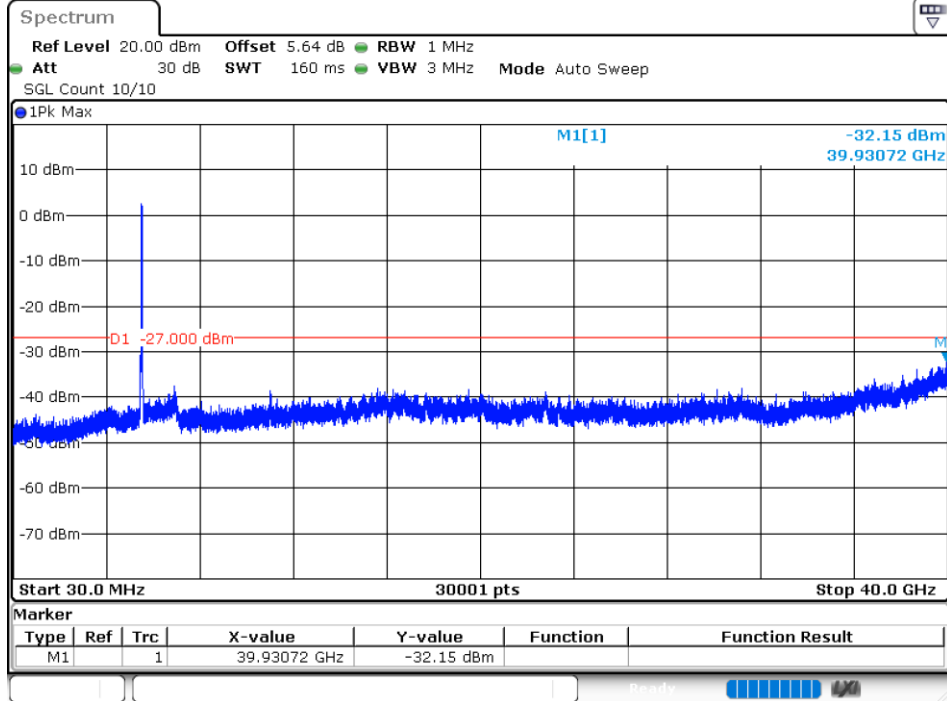
Tx. Spurious NVNT n20 5600MHz Ant1 Emission



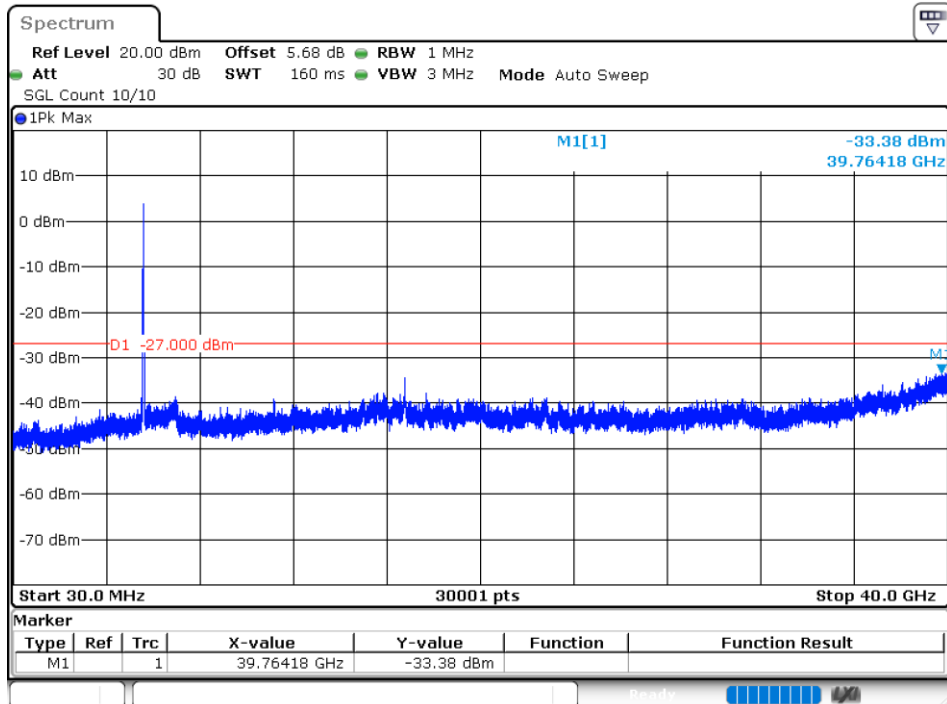
Tx. Spurious NVNT n20 5700MHz Ant1 Emission



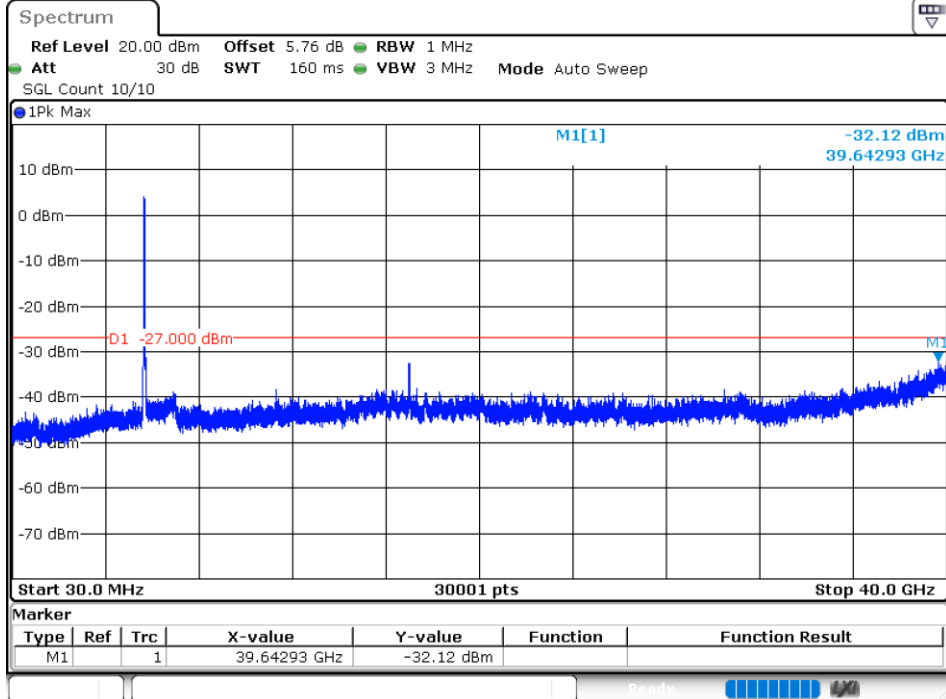
Tx. Spurious NVNT n40 5510MHz Ant1 Emission



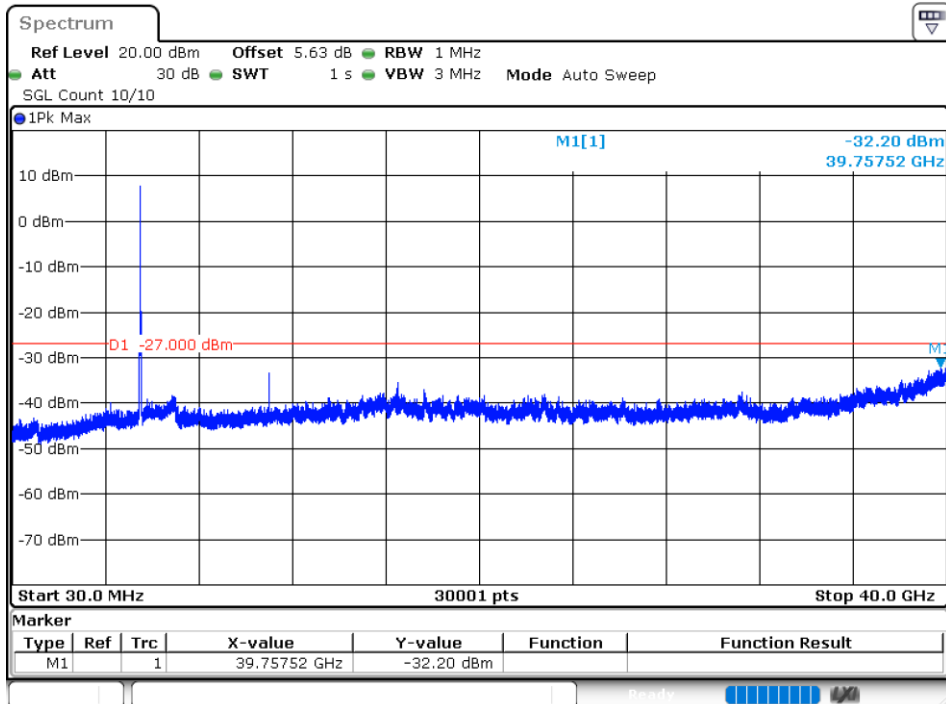
Tx. Spurious NVNT n40 5590MHz Ant1 Emission



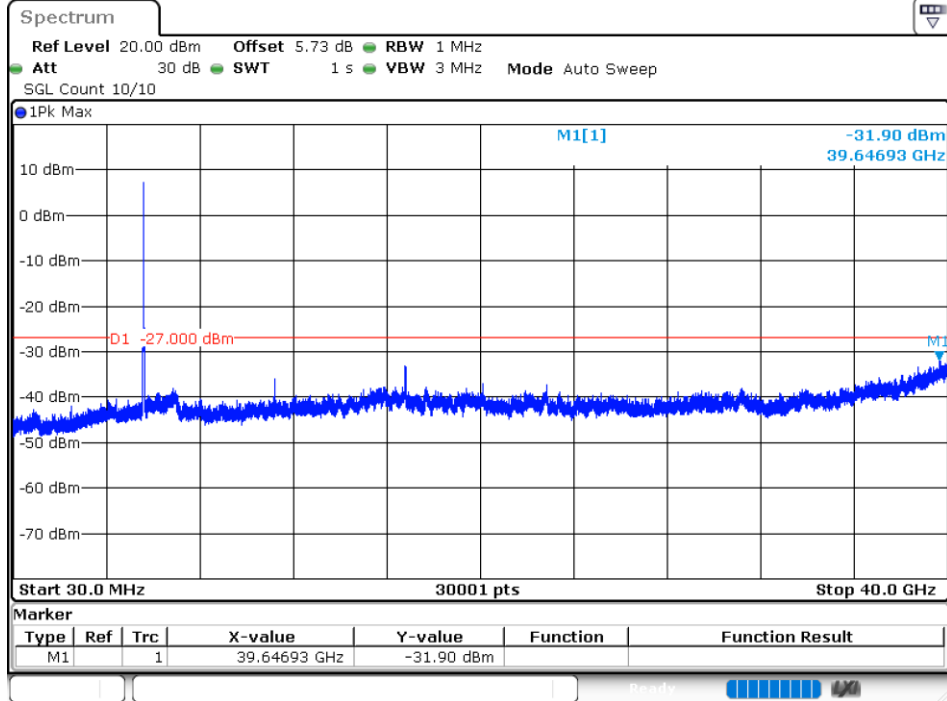
Tx. Spurious NVNT n40 5670MHz Ant1 Emission



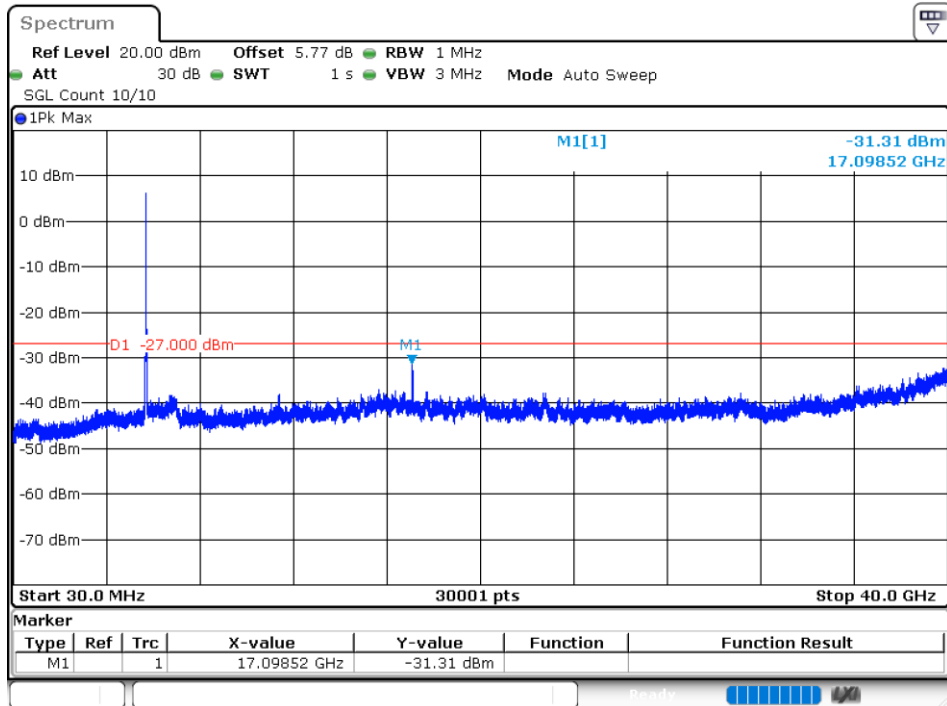
Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



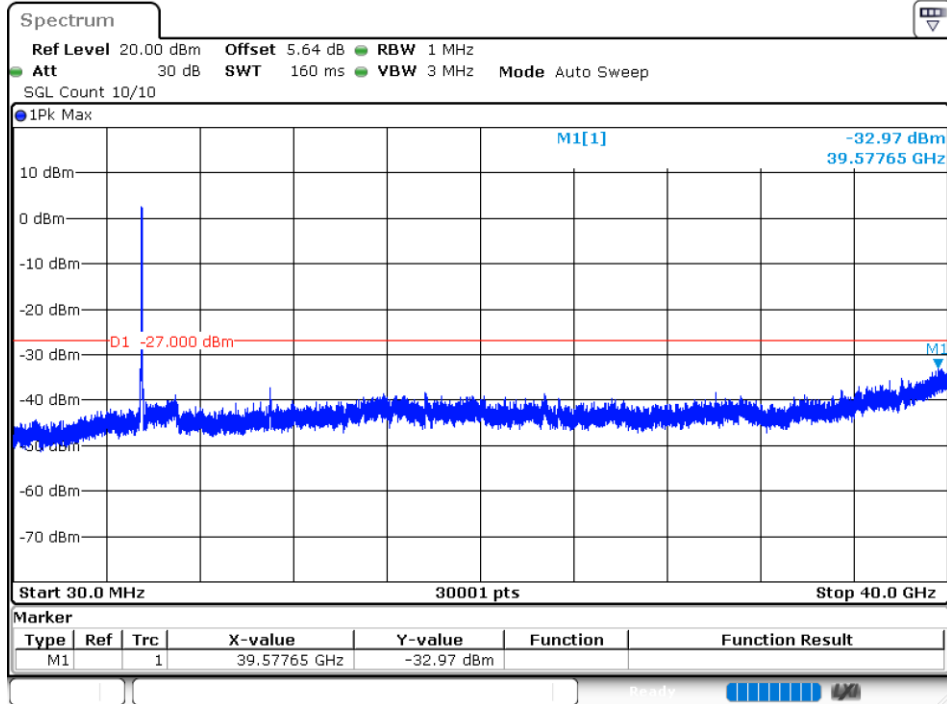
Tx. Spurious NVNT ac20 5600MHz Ant1 Emission



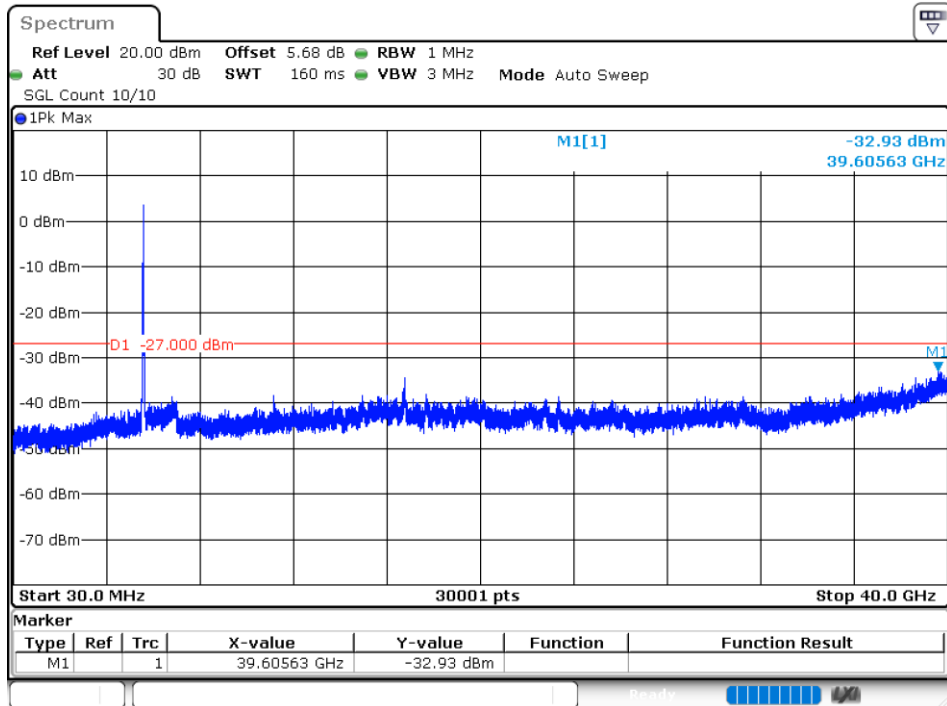
Tx. Spurious NVNT ac20 5700MHz Ant1 Emission



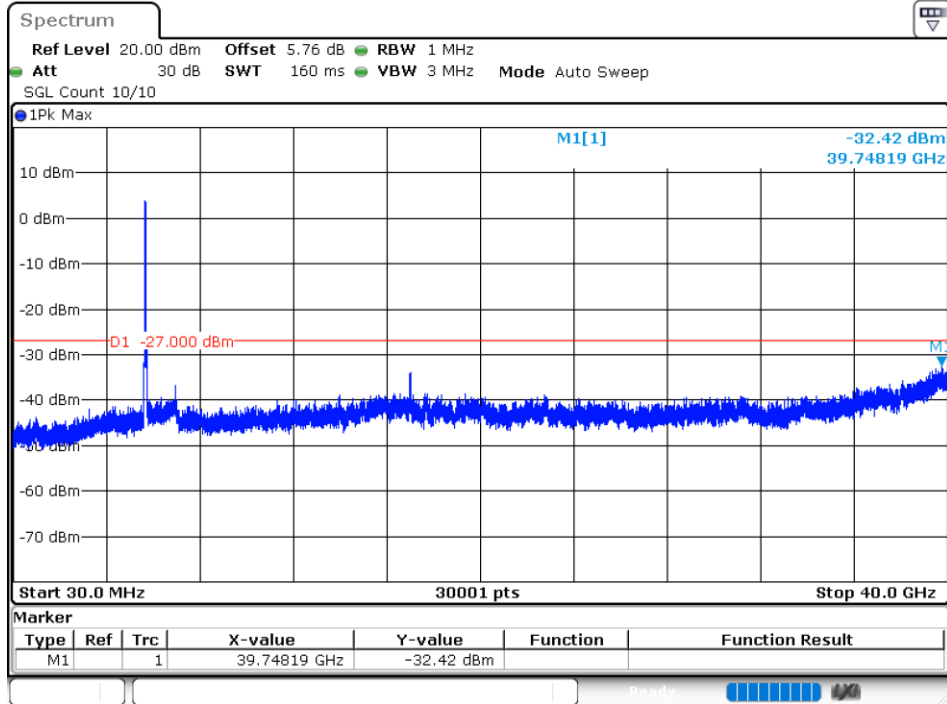
Tx. Spurious NVNT ac40 5510MHz Ant1 Emission



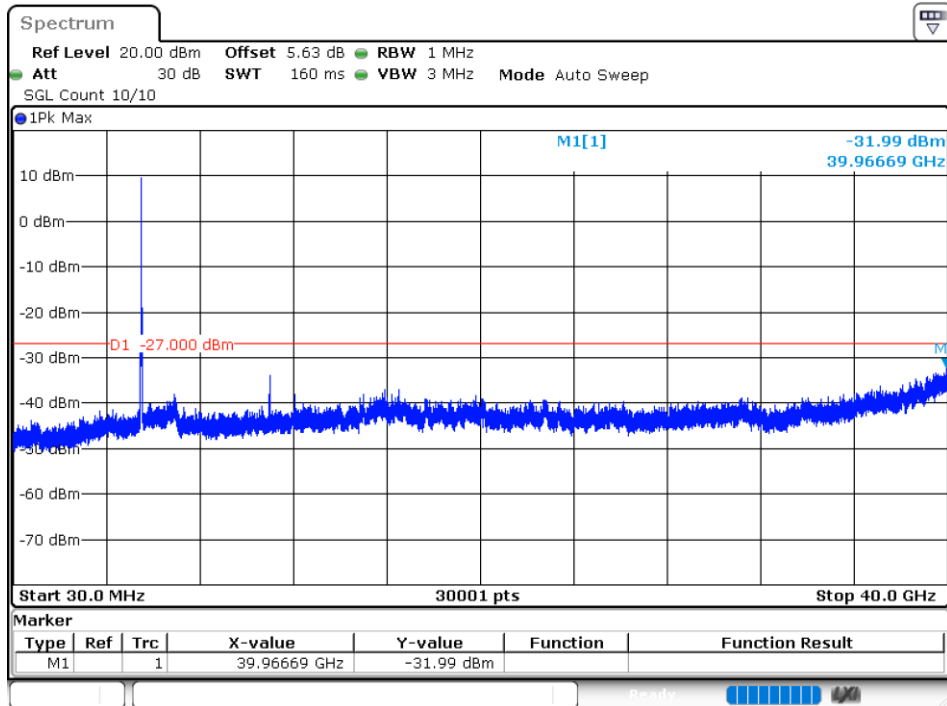
Tx. Spurious NVNT ac40 5590MHz Ant1 Emission



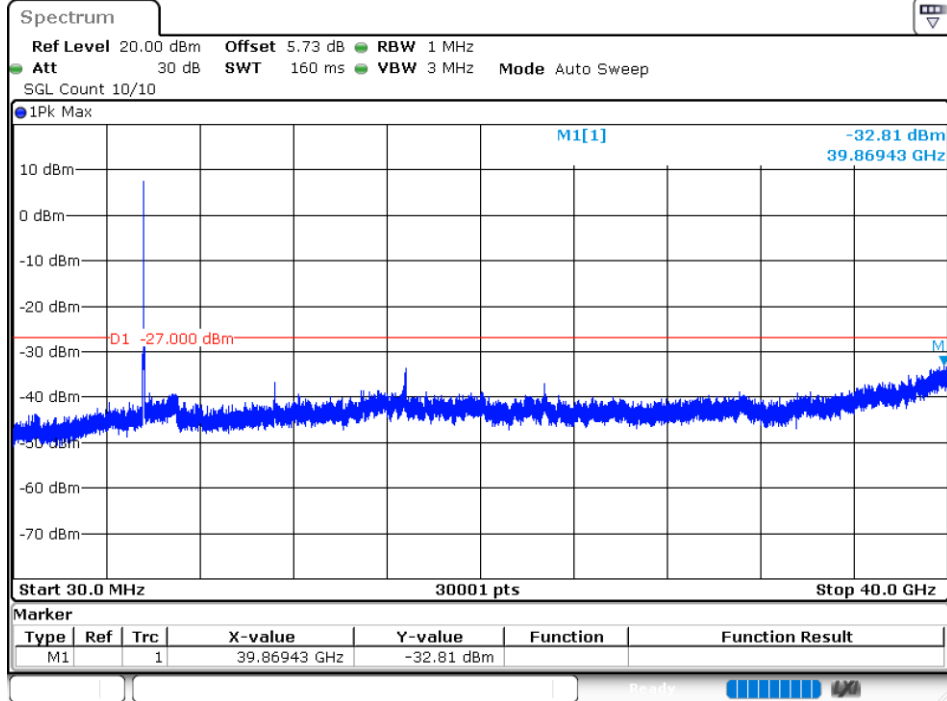
Tx. Spurious NVNT ac40 5670MHz Ant1 Emission



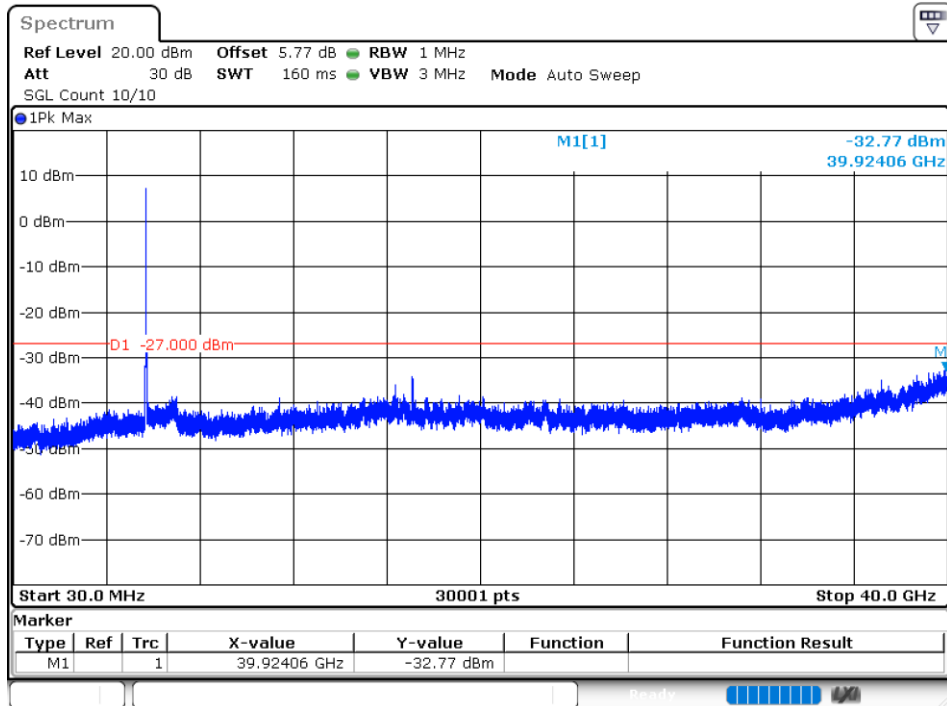
Tx. Spurious NVNT ax20 5500MHz Ant1 Emission



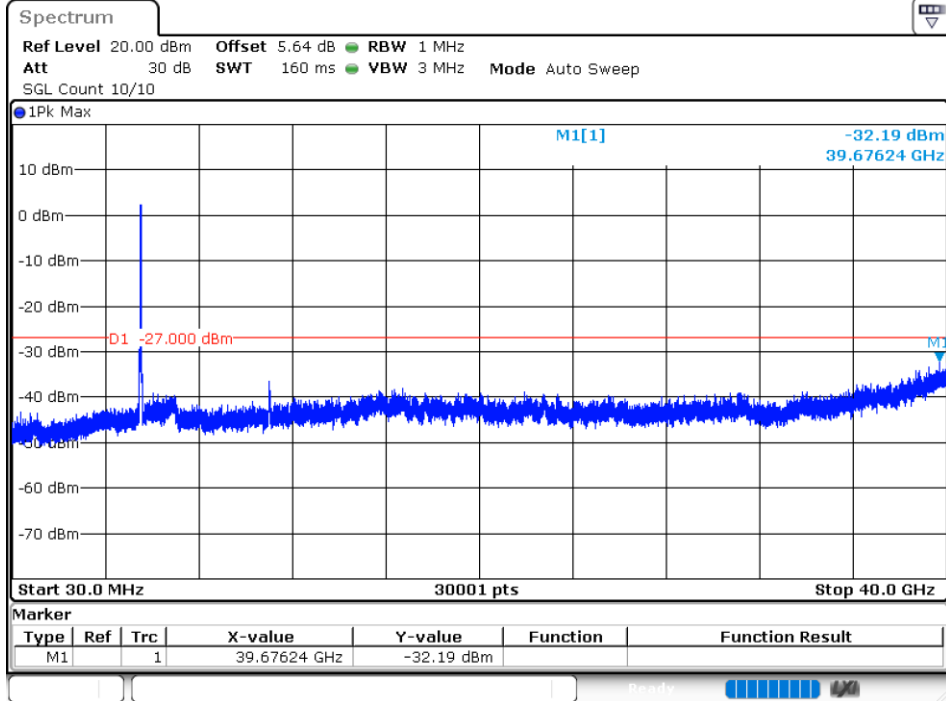
Tx. Spurious NVNT ax20 5600MHz Ant1 Emission



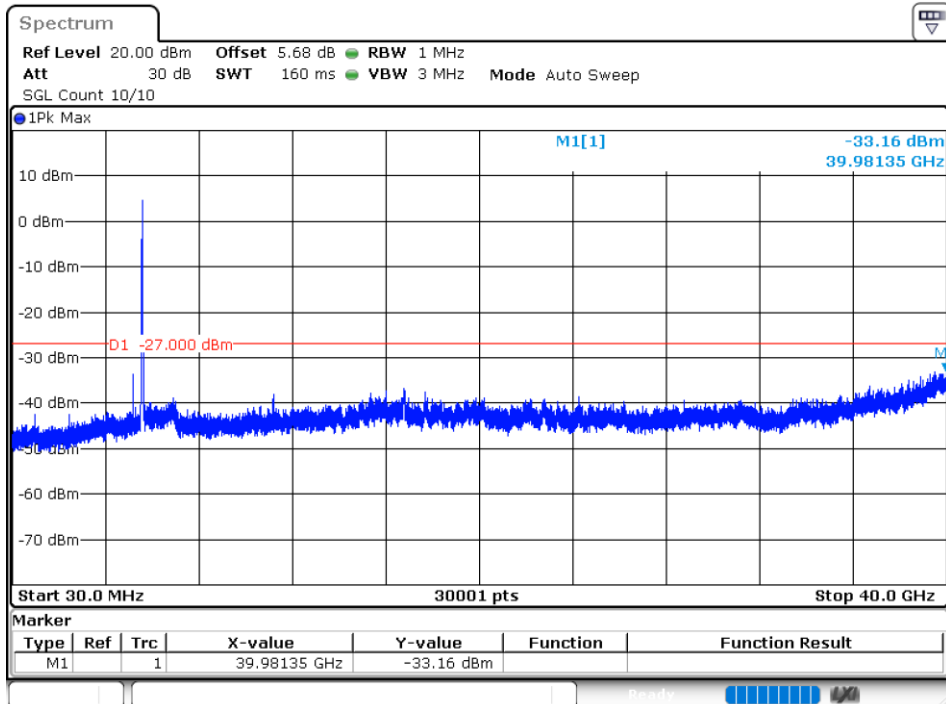
Tx. Spurious NVNT ax20 5700MHz Ant1 Emission



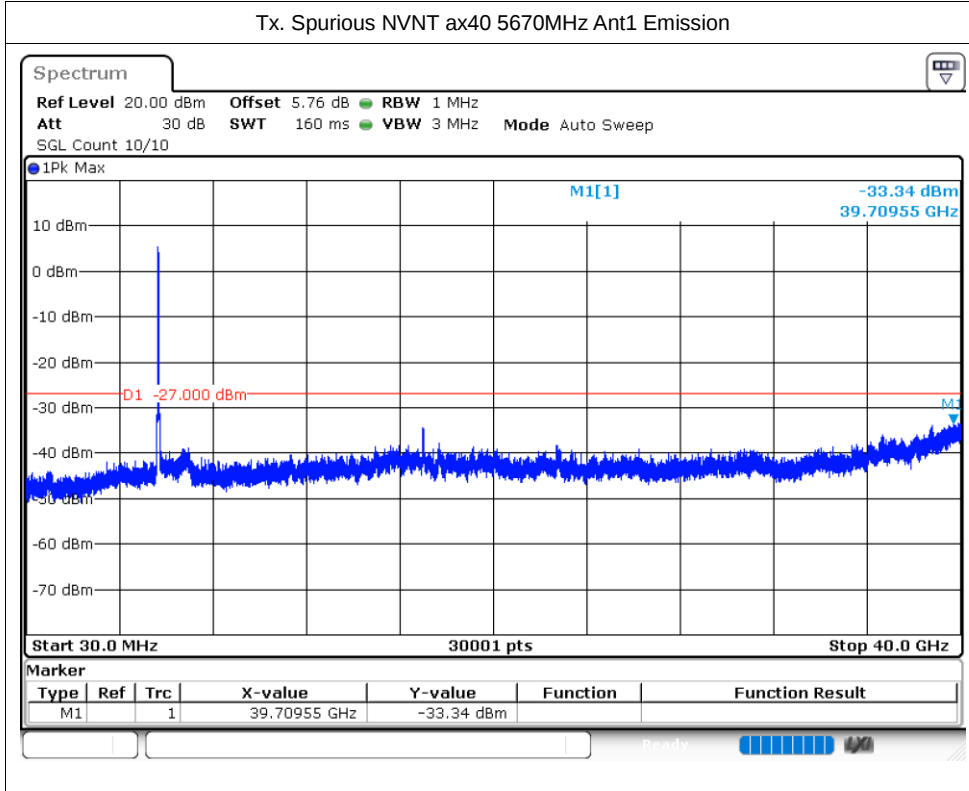
Tx. Spurious NVNT ax40 5510MHz Ant1 Emission



Tx. Spurious NVNT ax40 5590MHz Ant1 Emission



Tx. Spurious NVNT ax40 5670MHz Ant1 Emission



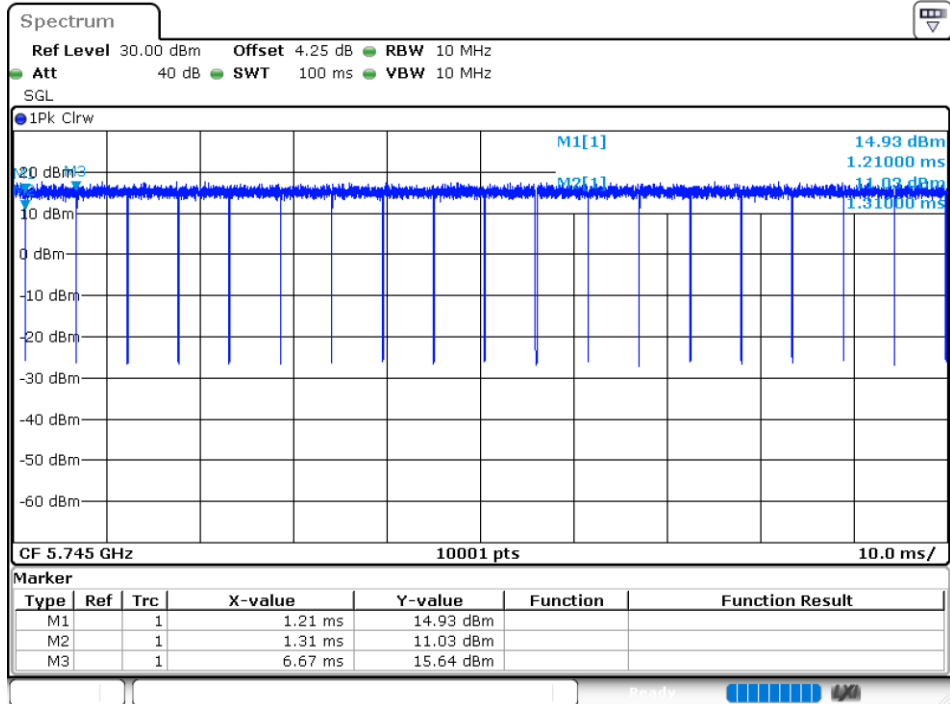
5.8G WIFI

Duty Cycle

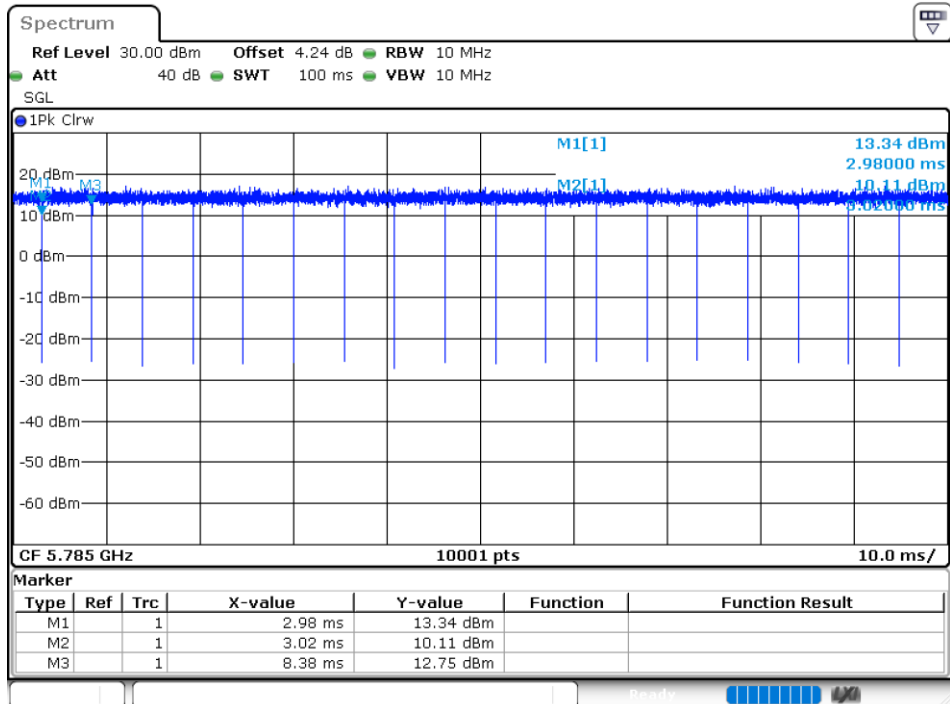
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	98.12	0.08	0.19
NVNT	a	5785	Ant1	99.46	0.02	0.19
NVNT	a	5825	Ant1	99.64	0.02	0.19
NVNT	n20	5745	Ant1	99.47	0.02	0.2
NVNT	n20	5785	Ant1	99.48	0.02	0.2
NVNT	n20	5825	Ant1	99.48	0.02	0.2
NVNT	n40	5755	Ant1	98.95	0.05	0.41
NVNT	n40	5795	Ant1	96.42	0.16	0.41
NVNT	ac20	5745	Ant1	98.14	0.08	0.2
NVNT	ac20	5785	Ant1	98.23	0.08	0.2
NVNT	ac20	5825	Ant1	99.47	0.02	0.2
NVNT	ac40	5755	Ant1	98.96	0.05	0.41
NVNT	ac40	5795	Ant1	96.31	0.16	0.41
NVNT	ax20	5745	Ant1	99.33	0.03	0.26
NVNT	ax20	5785	Ant1	99.34	0.03	0.26
NVNT	ax20	5825	Ant1	99.3	0.03	0.26
NVNT	ax40	5755	Ant1	98.73	0.06	0.52
NVNT	ax40	5795	Ant1	95.37	0.21	0.52

Test Graphs

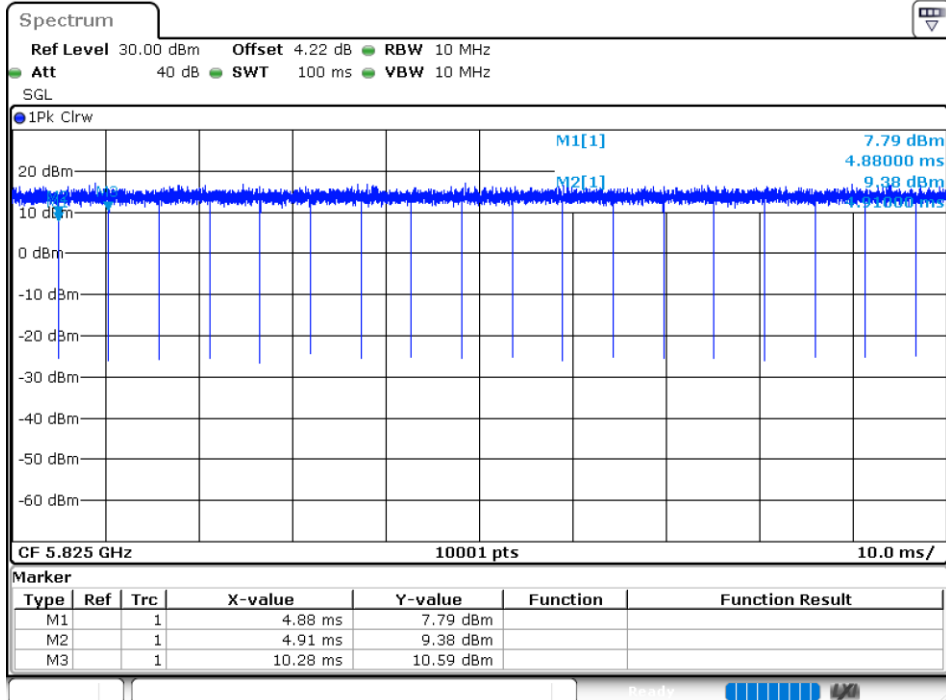
Duty Cycle NVNT a 5745MHz Ant1



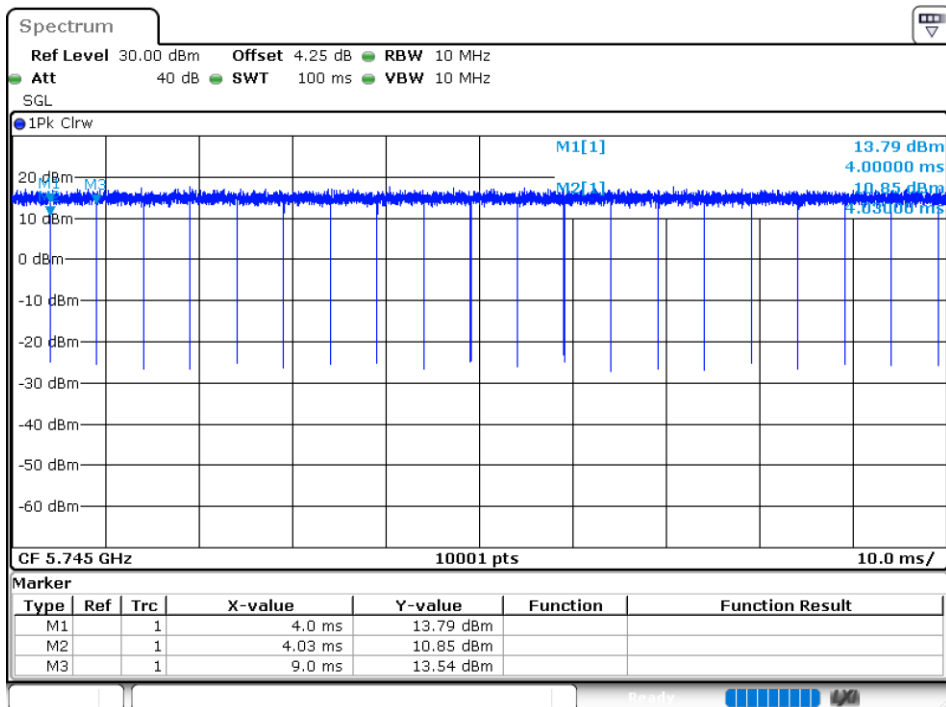
Duty Cycle NVNT a 5785MHz Ant1



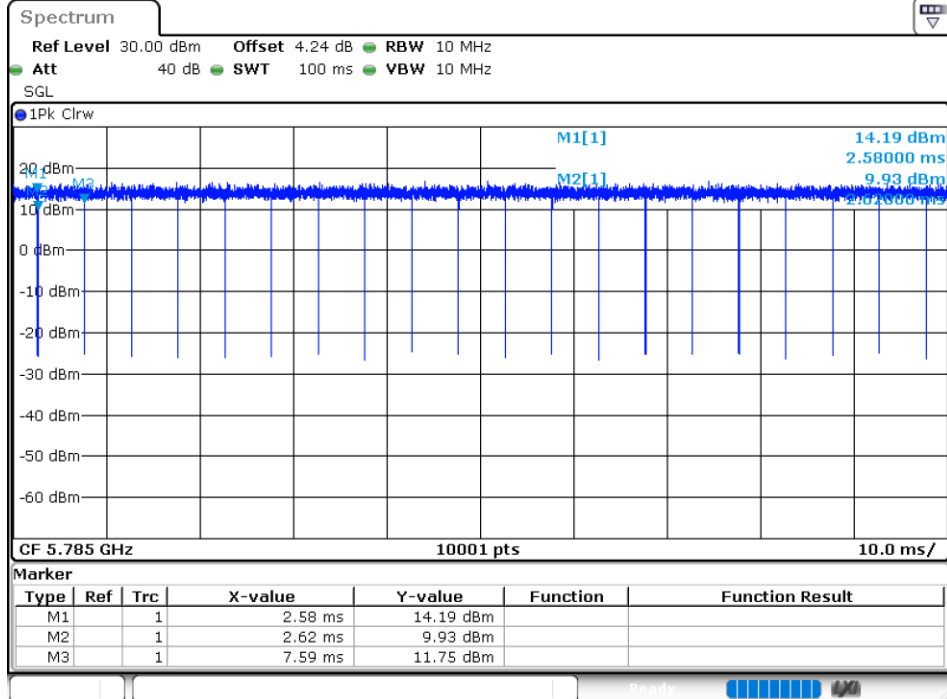
Duty Cycle NVNT a 5825MHz Ant1



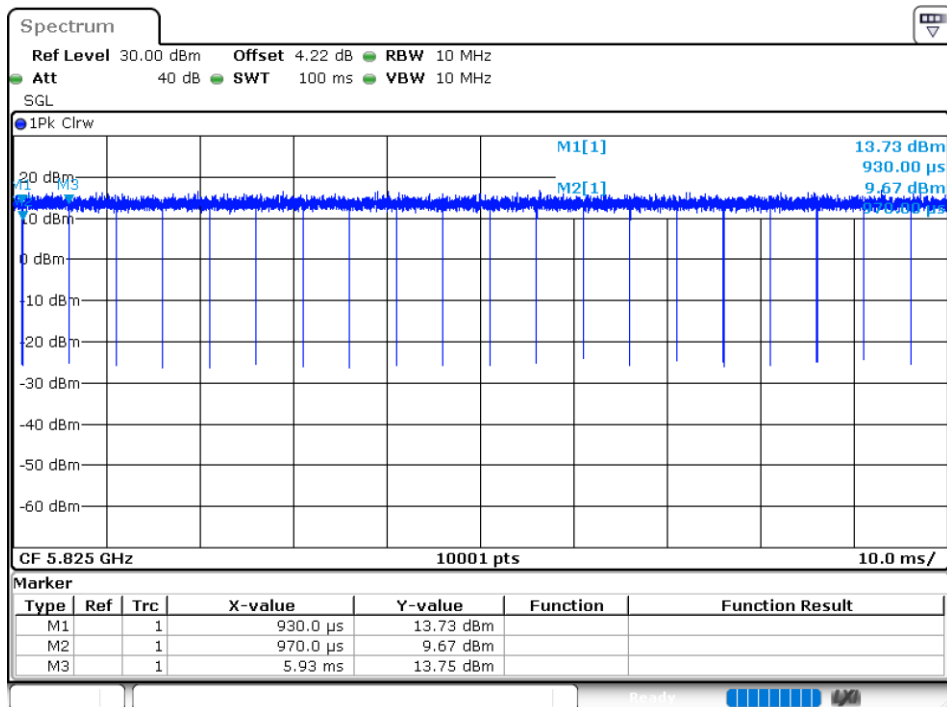
Duty Cycle NVNT n20 5745MHz Ant1



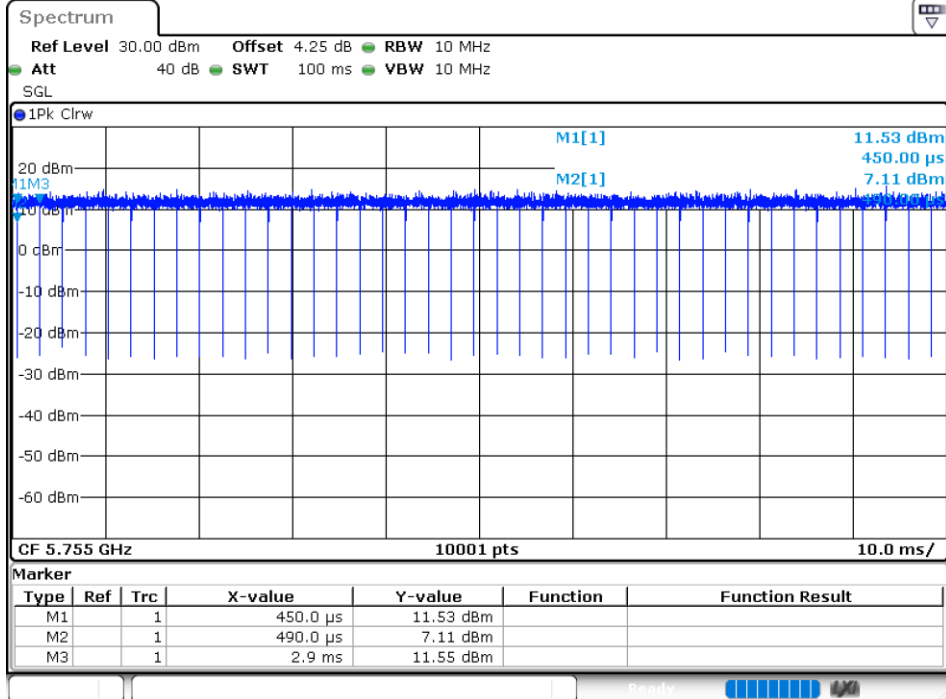
Duty Cycle NVNT n20 5785MHz Ant1



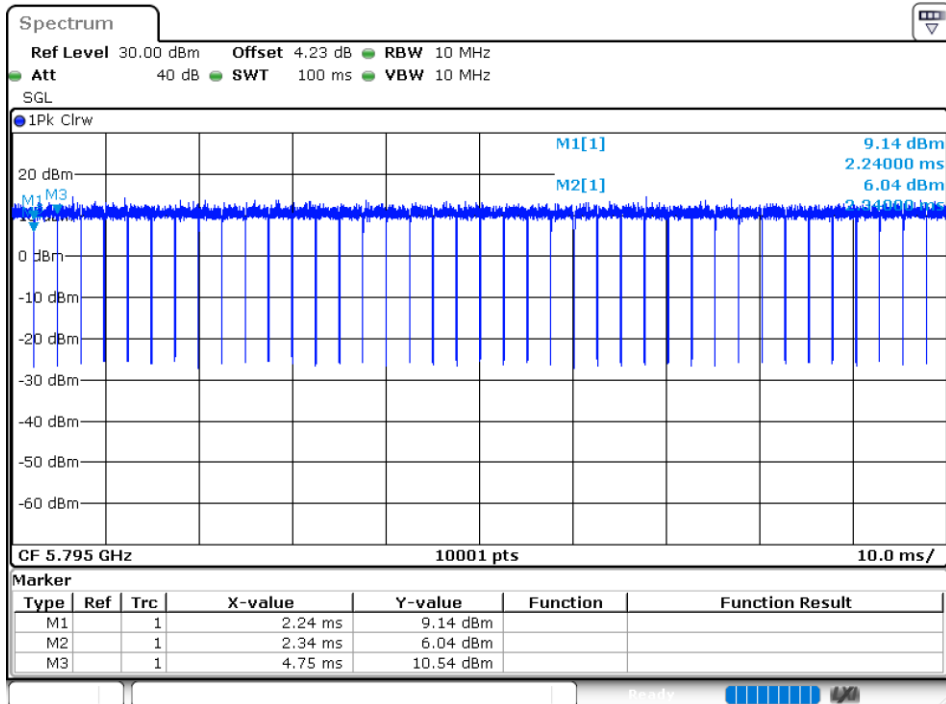
Duty Cycle NVNT n20 5825MHz Ant1



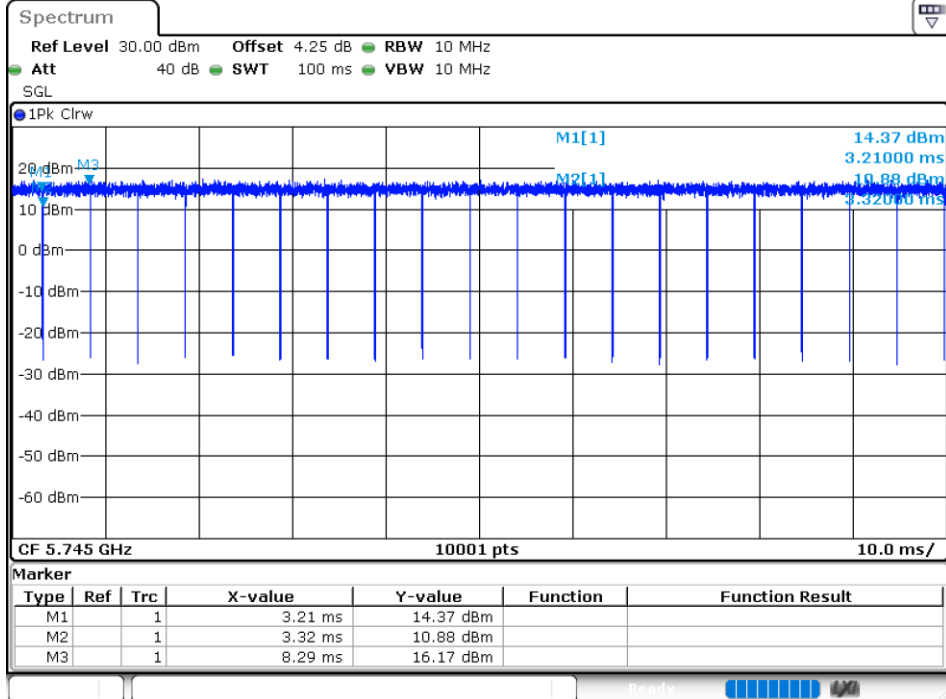
Duty Cycle NVNT n40 5755MHz Ant1



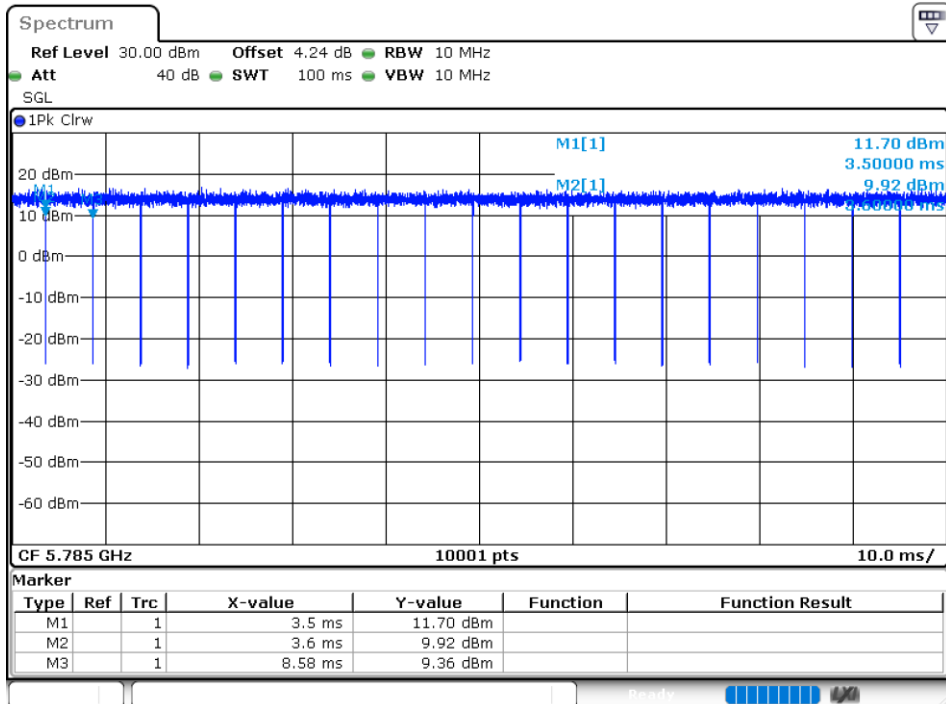
Duty Cycle NVNT n40 5795MHz Ant1



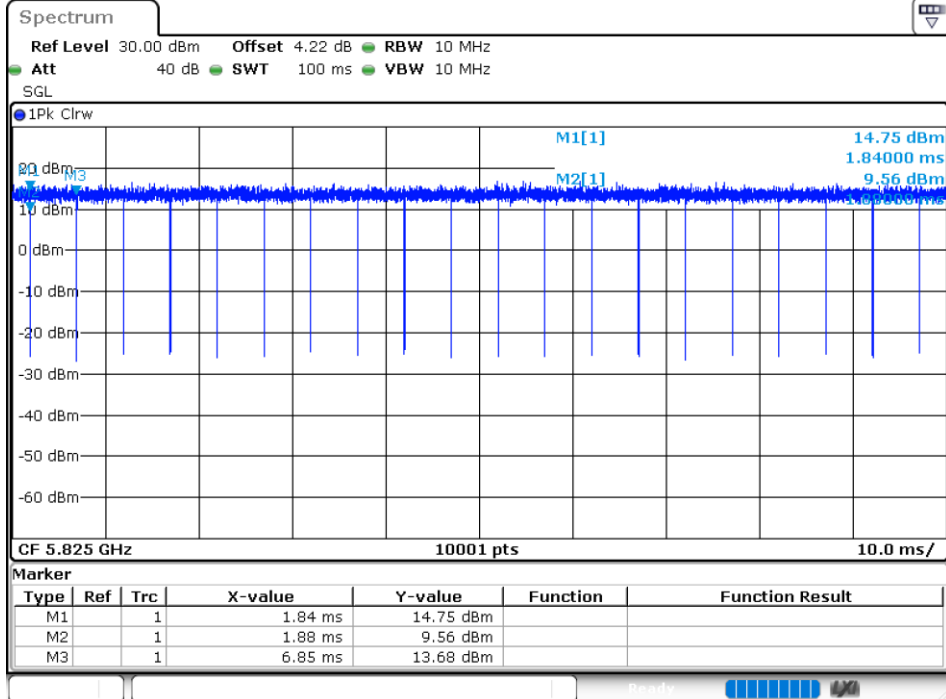
Duty Cycle NVNT ac20 5745MHz Ant1



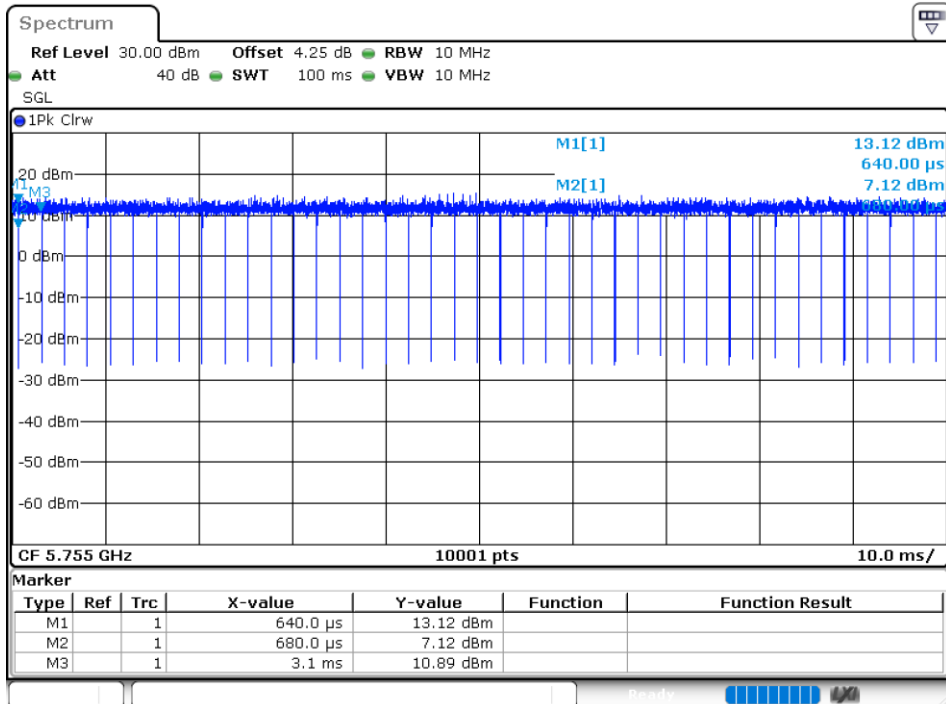
Duty Cycle NVNT ac20 5785MHz Ant1



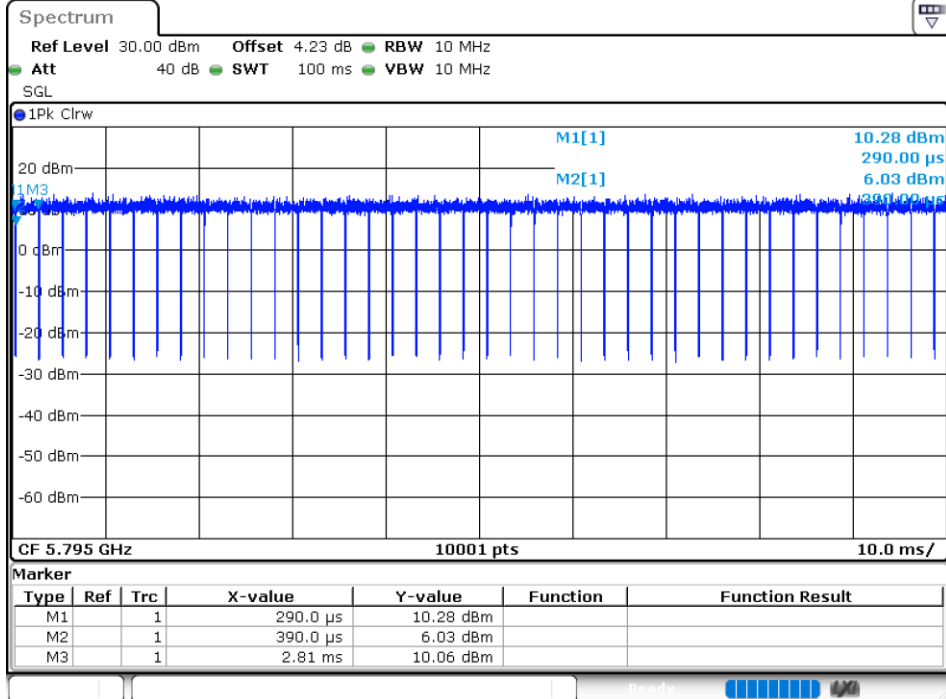
Duty Cycle NVNT ac20 5825MHz Ant1



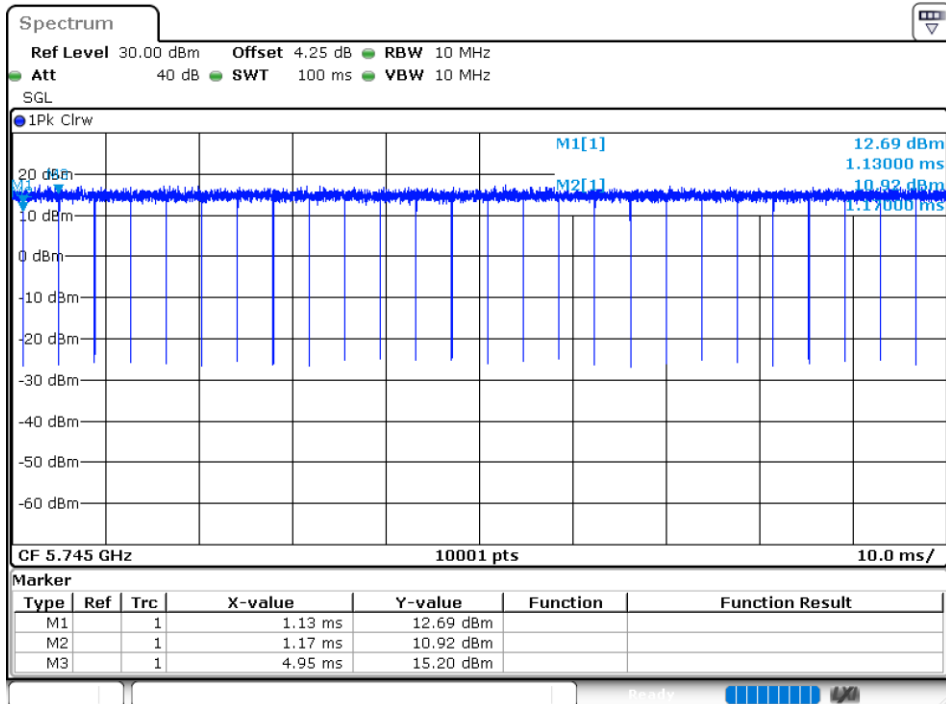
Duty Cycle NVNT ac40 5755MHz Ant1



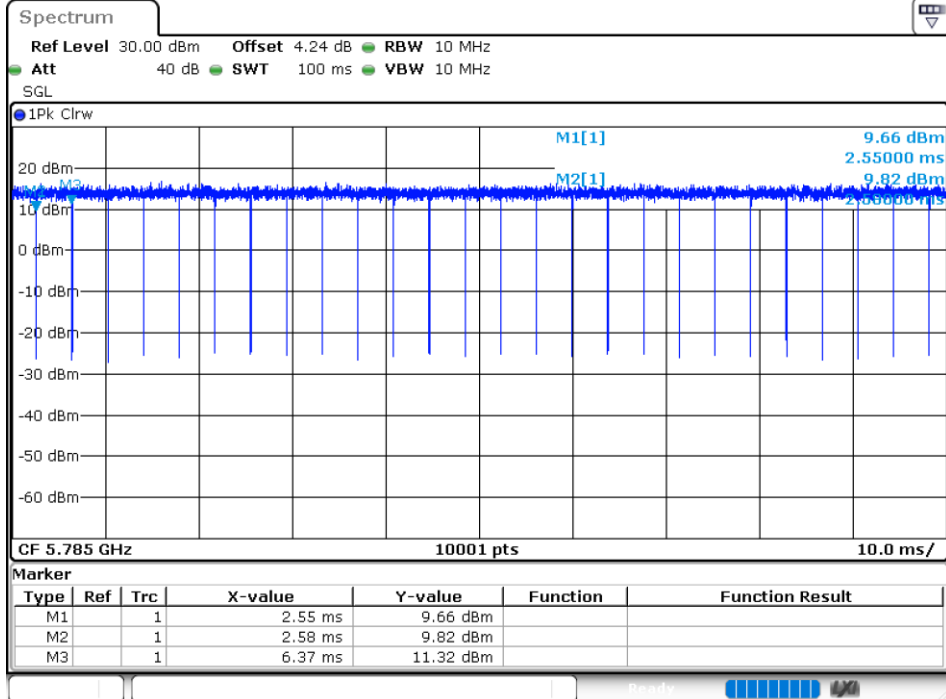
Duty Cycle NVNT ac40 5795MHz Ant1



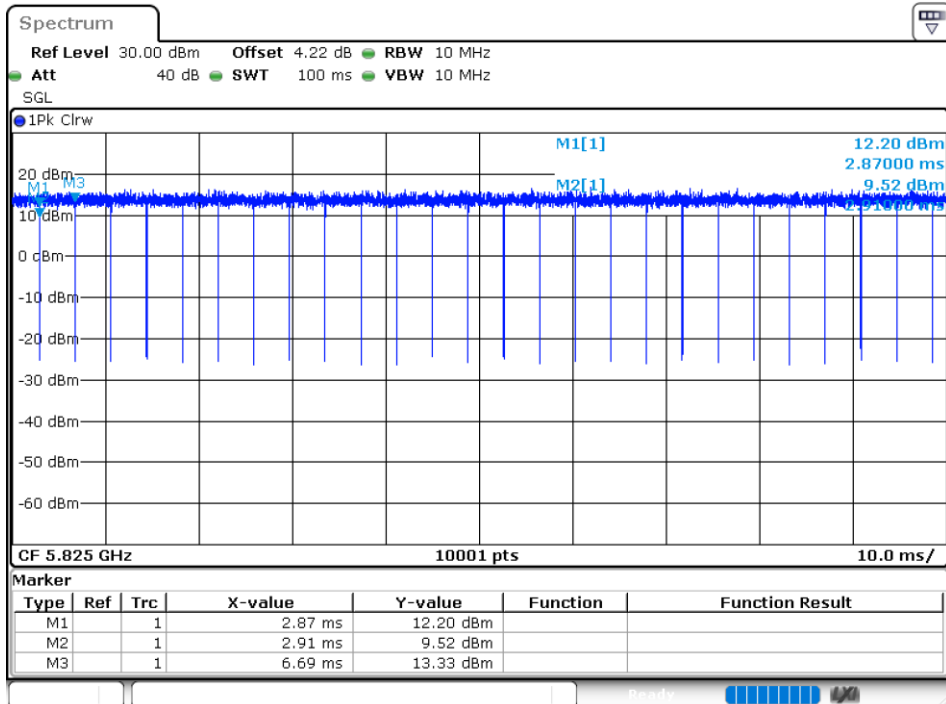
Duty Cycle NVNT ax20 5745MHz Ant1



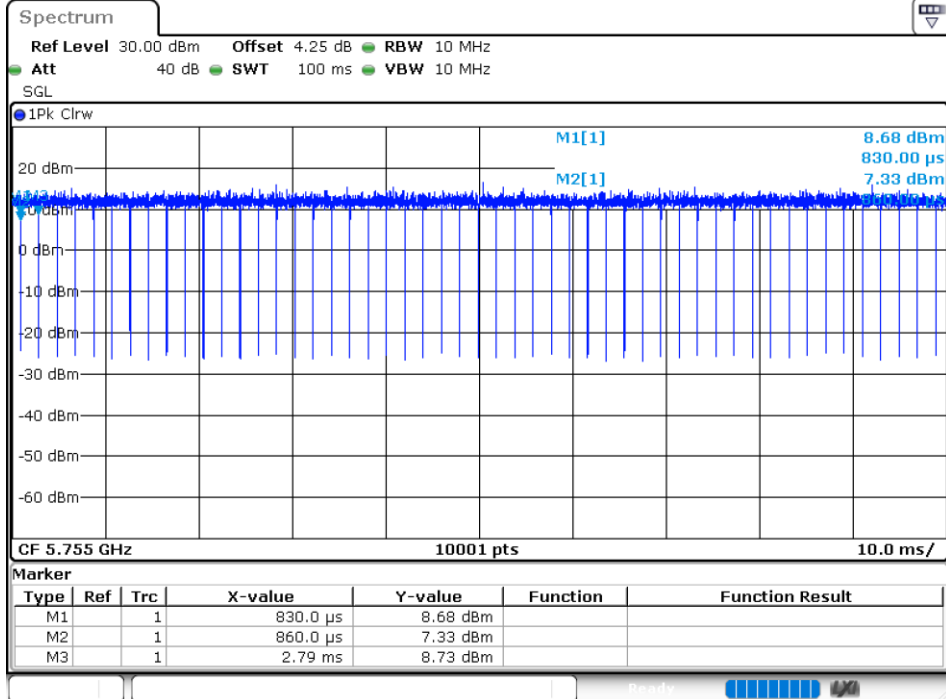
Duty Cycle NVNT ax20 5785MHz Ant1



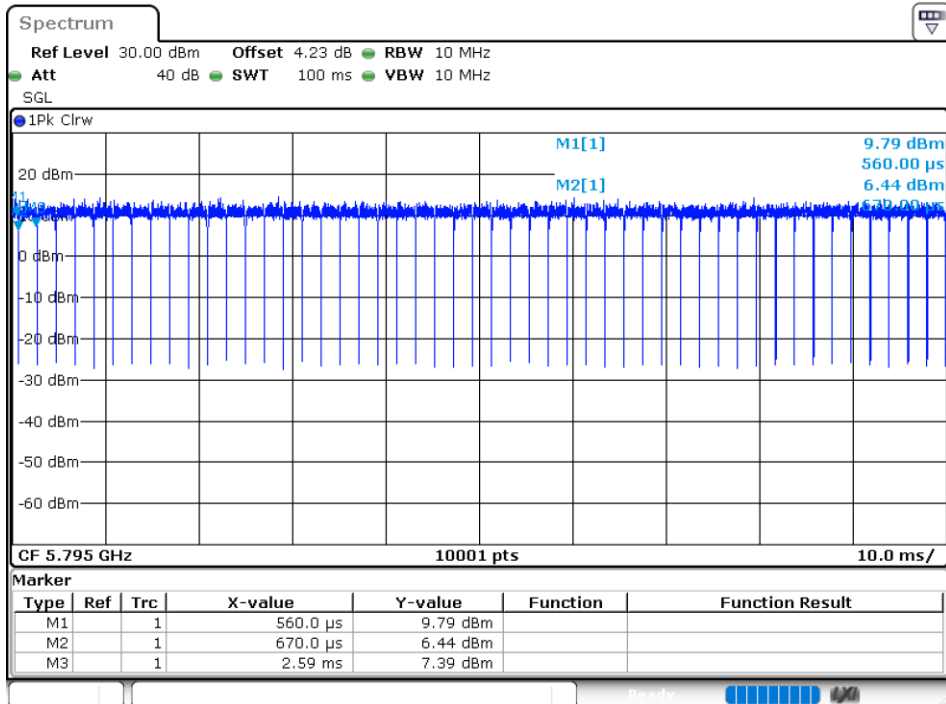
Duty Cycle NVNT ax20 5825MHz Ant1



Duty Cycle NVNT ax40 5755MHz Ant1



Duty Cycle NVNT ax40 5795MHz Ant1



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.34	30	Pass
NVNT	a	5785	Ant1	10.49	30	Pass
NVNT	a	5825	Ant1	10.41	30	Pass
NVNT	n20	5745	Ant1	10.32	30	Pass
NVNT	n20	5785	Ant1	10.51	30	Pass
NVNT	n20	5825	Ant1	10.56	30	Pass
NVNT	n40	5755	Ant1	10.42	30	Pass
NVNT	n40	5795	Ant1	10.38	30	Pass
NVNT	ac20	5745	Ant1	10.01	30	Pass
NVNT	ac20	5785	Ant1	10.48	30	Pass
NVNT	ac20	5825	Ant1	10.61	30	Pass
NVNT	ac40	5755	Ant1	10.07	30	Pass
NVNT	ac40	5795	Ant1	10.4	30	Pass
NVNT	ax20	5745	Ant1	10.26	30	Pass
NVNT	ax20	5785	Ant1	10.53	30	Pass
NVNT	ax20	5825	Ant1	10.48	30	Pass
NVNT	ax40	5755	Ant1	10.4	30	Pass
NVNT	ax40	5795	Ant1	10.51	30	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.575	0.5	Pass
NVNT	a	5785	Ant1	16.329	0.5	Pass
NVNT	a	5825	Ant1	16.572	0.5	Pass
NVNT	n20	5745	Ant1	17.778	0.5	Pass
NVNT	n20	5785	Ant1	17.598	0.5	Pass
NVNT	n20	5825	Ant1	17.706	0.5	Pass
NVNT	n40	5755	Ant1	36.36	0.5	Pass
NVNT	n40	5795	Ant1	36.318	0.5	Pass
NVNT	ac20	5745	Ant1	17.808	0.5	Pass
NVNT	ac20	5785	Ant1	17.784	0.5	Pass
NVNT	ac20	5825	Ant1	17.592	0.5	Pass
NVNT	ac40	5755	Ant1	36.342	0.5	Pass
NVNT	ac40	5795	Ant1	36.396	0.5	Pass
NVNT	ax20	5745	Ant1	18.936	0.5	Pass
NVNT	ax20	5785	Ant1	18.516	0.5	Pass
NVNT	ax20	5825	Ant1	19.083	0.5	Pass
NVNT	ax40	5755	Ant1	37.968	0.5	Pass
NVNT	ax40	5795	Ant1	38.028	0.5	Pass

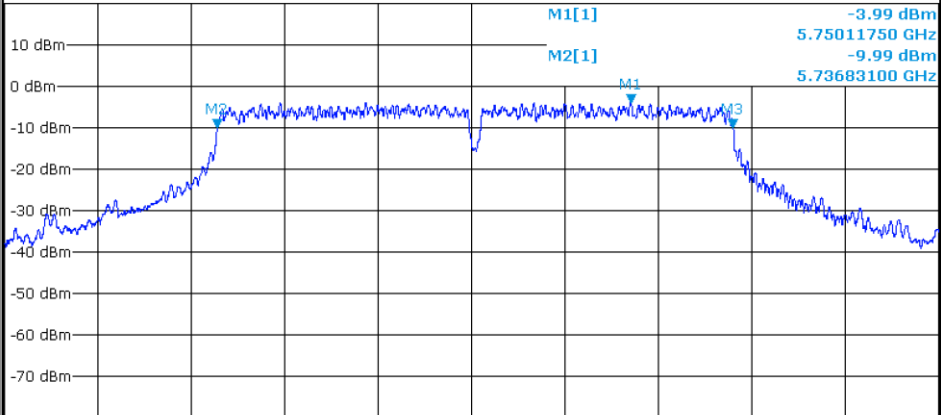
Test Graphs

-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



CF 5.745 GHz

10001 pts

Span 30.0 MHz

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7501175 GHz	-3.99 dBm		
M2		1	5.736831 GHz	-9.99 dBm		
M3		1	5.753406 GHz	-9.88 dBm		

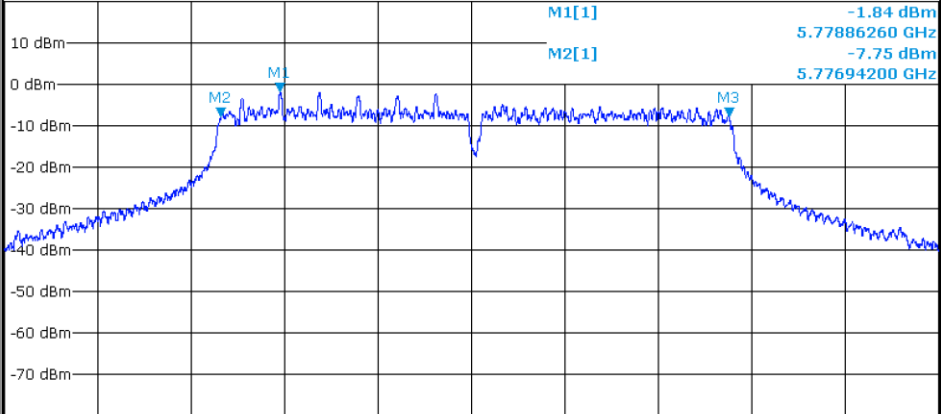
Ready

-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



CF 5.785 GHz

10001 pts

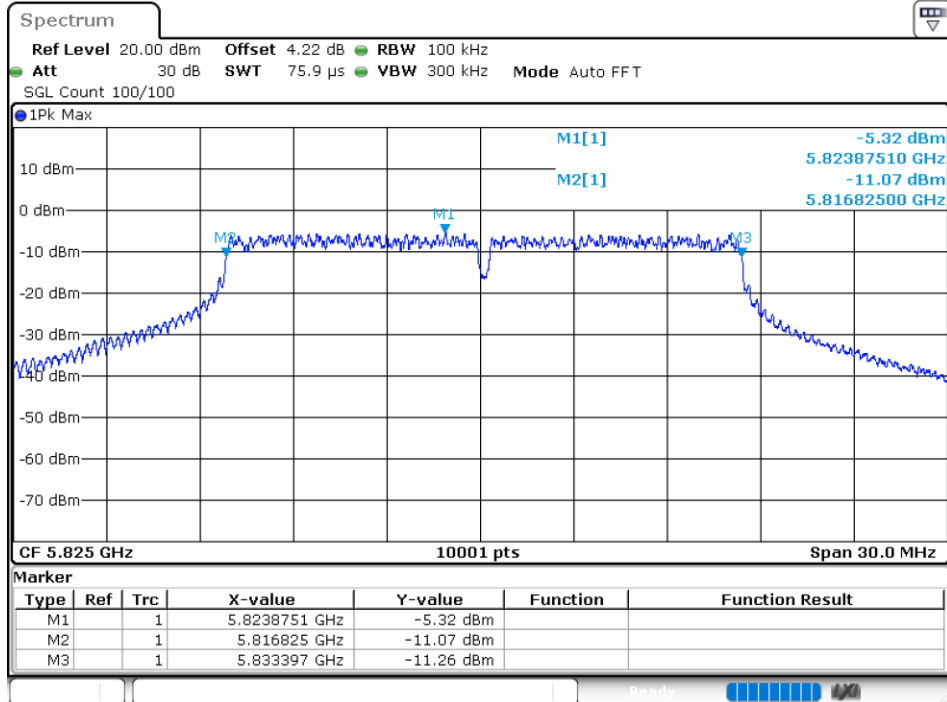
Span 30.0 MHz

Marker

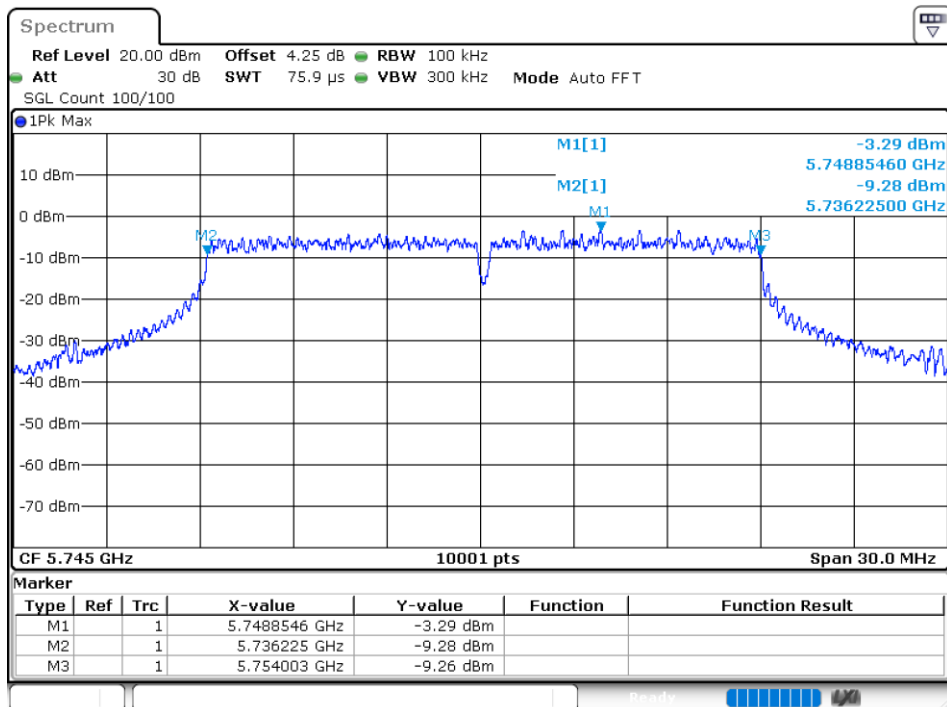
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7788626 GHz	-1.84 dBm		
M2		1	5.776942 GHz	-7.75 dBm		
M3		1	5.793271 GHz	-7.73 dBm		

Ready

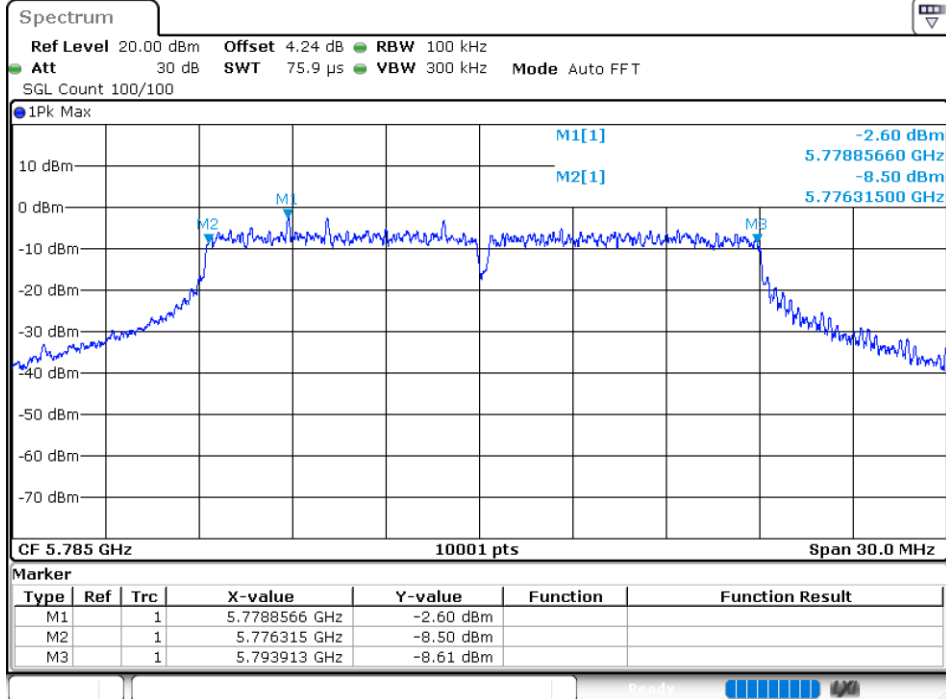
-6dB Bandwidth NVNT a 5825MHz Ant1



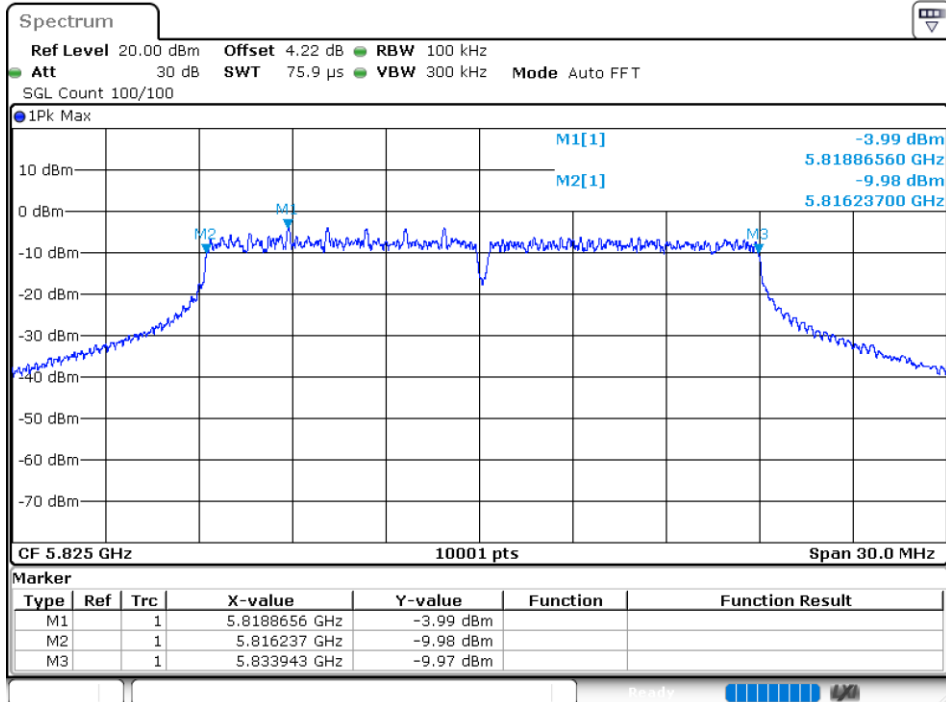
-6dB Bandwidth NVNT n20 5745MHz Ant1



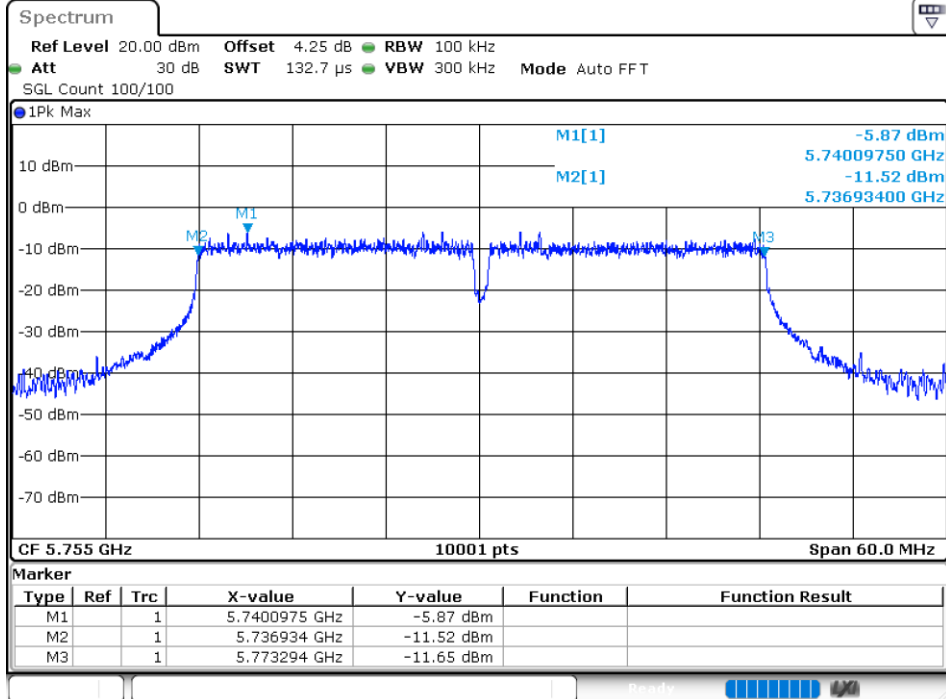
-6dB Bandwidth NVNT n20 5785MHz Ant1



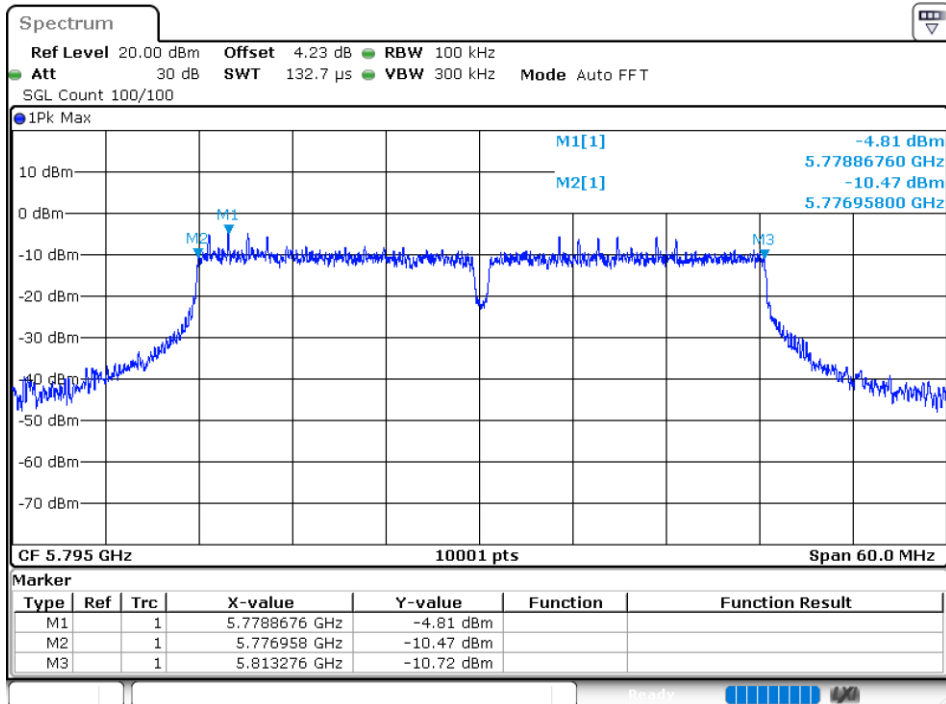
-6dB Bandwidth NVNT n20 5825MHz Ant1



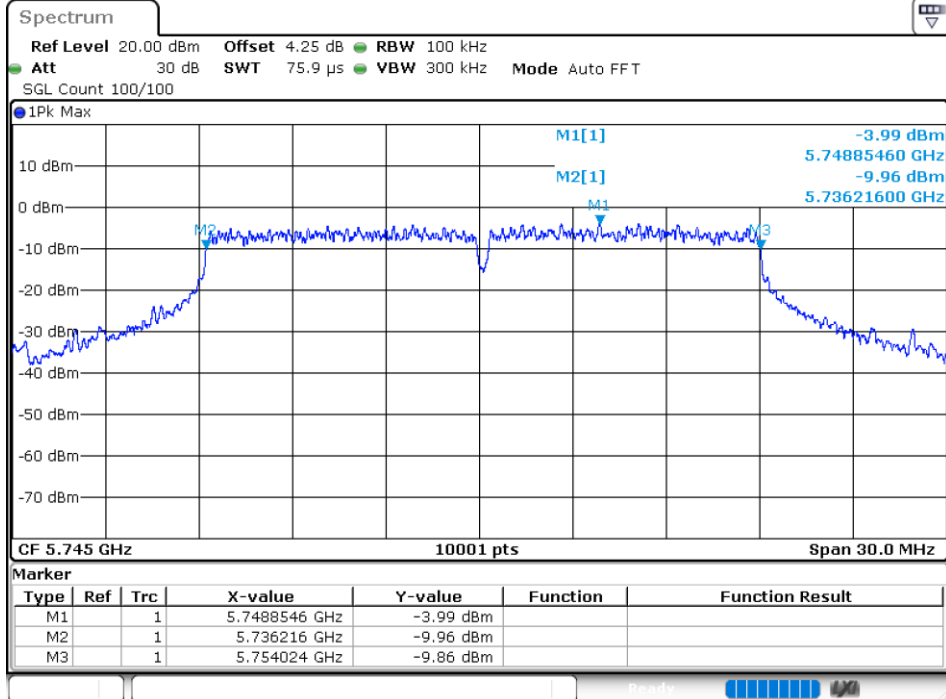
-6dB Bandwidth NVNT n40 5755MHz Ant1



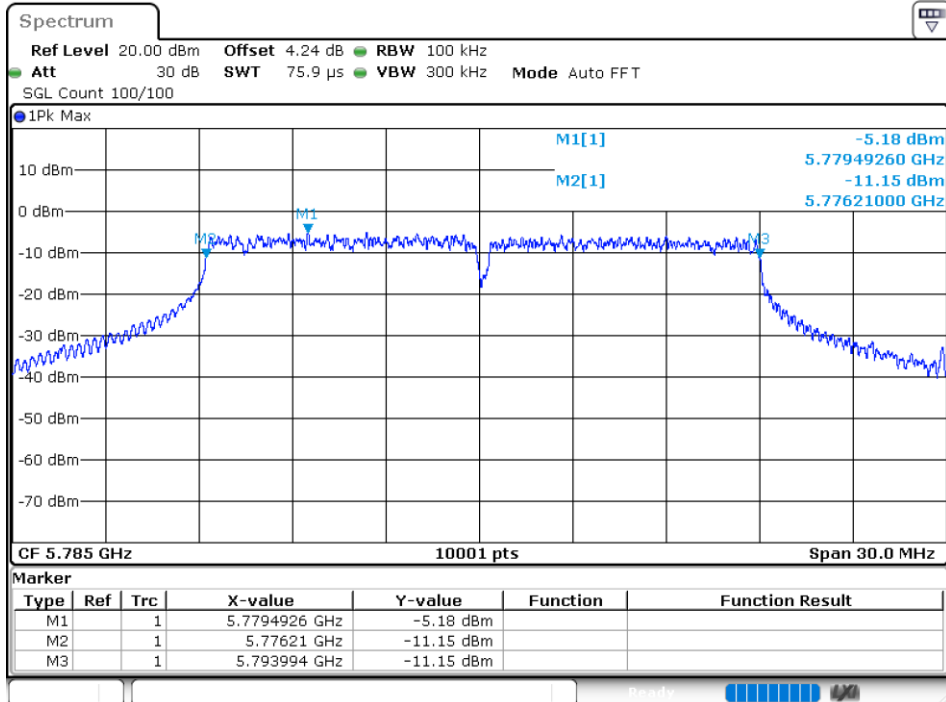
-6dB Bandwidth NVNT n40 5795MHz Ant1



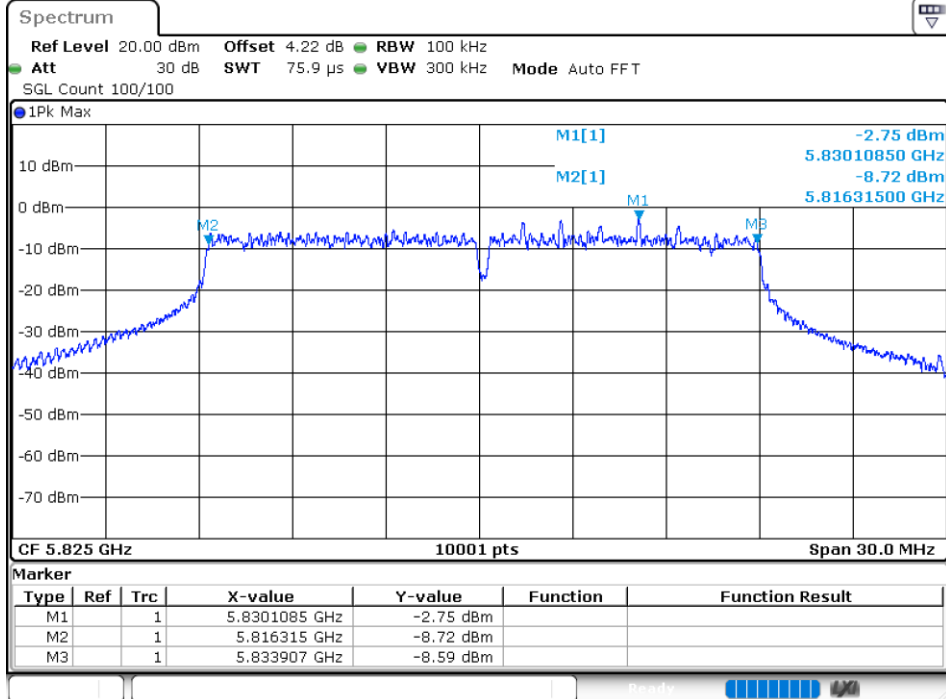
-6dB Bandwidth NVNT ac20 5745MHz Ant1



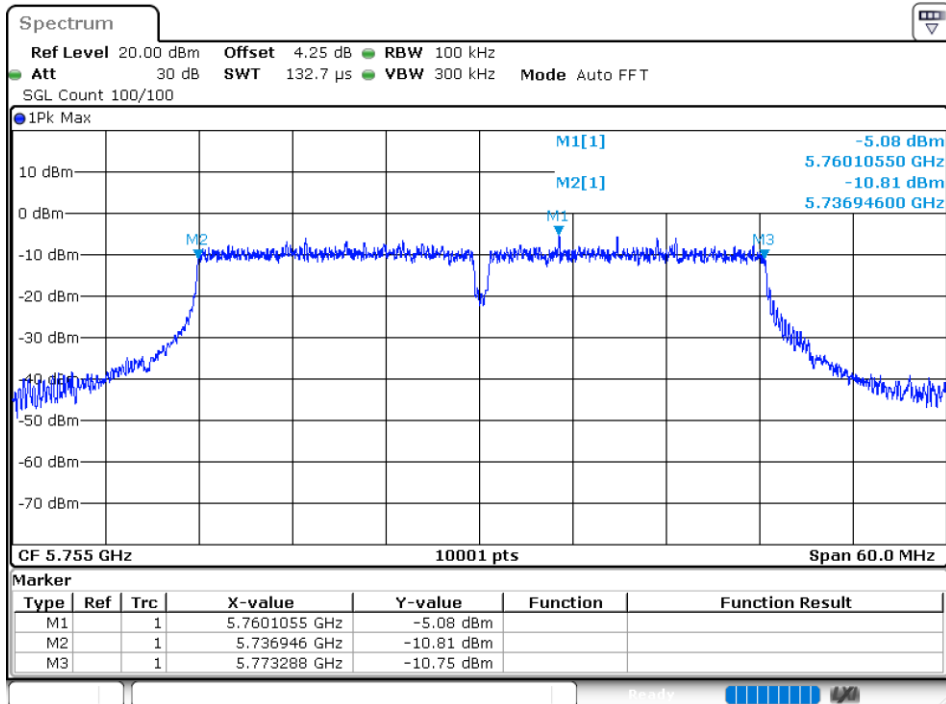
-6dB Bandwidth NVNT ac20 5785MHz Ant1



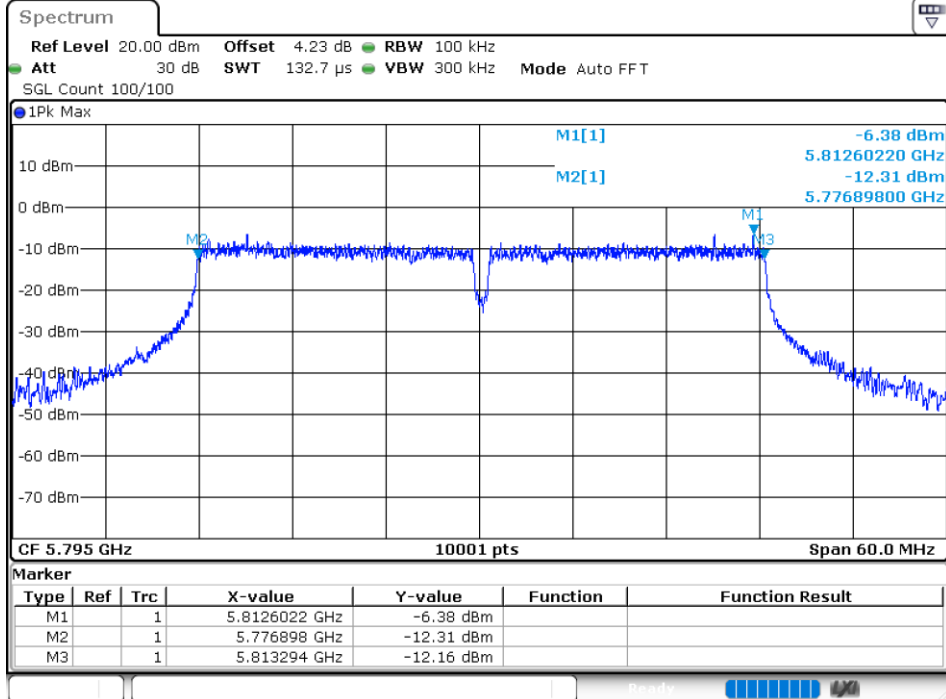
-6dB Bandwidth NVNT ac20 5825MHz Ant1



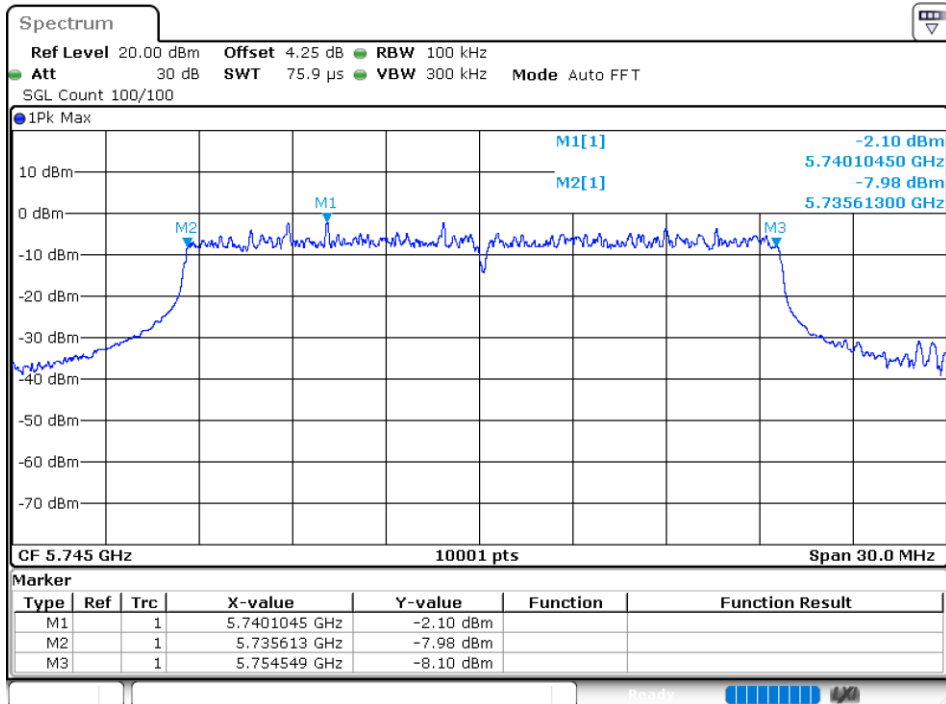
-6dB Bandwidth NVNT ac40 5755MHz Ant1



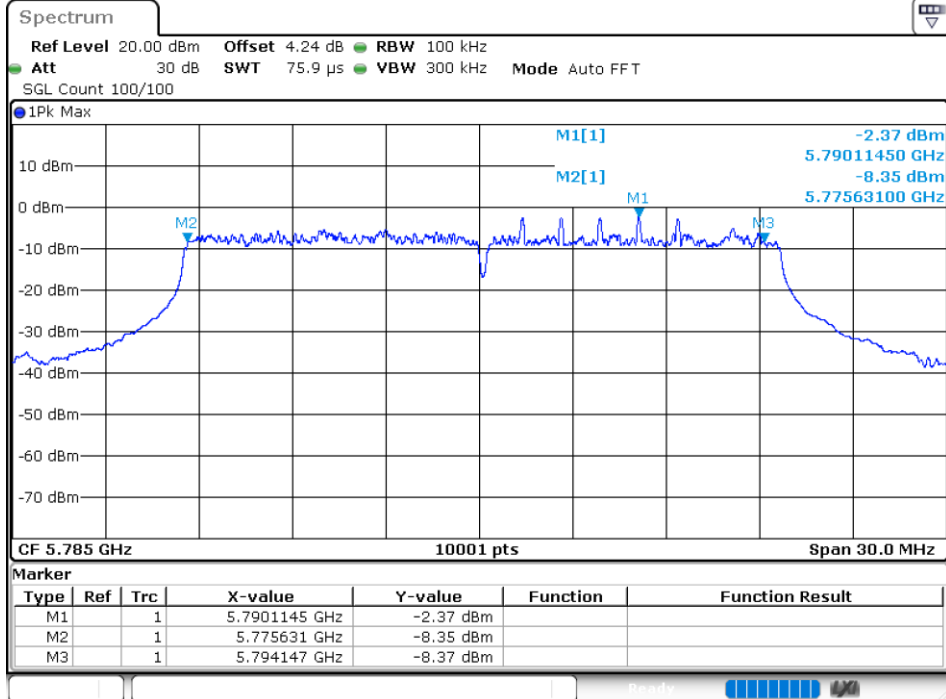
-6dB Bandwidth NVNT ac40 5795MHz Ant1



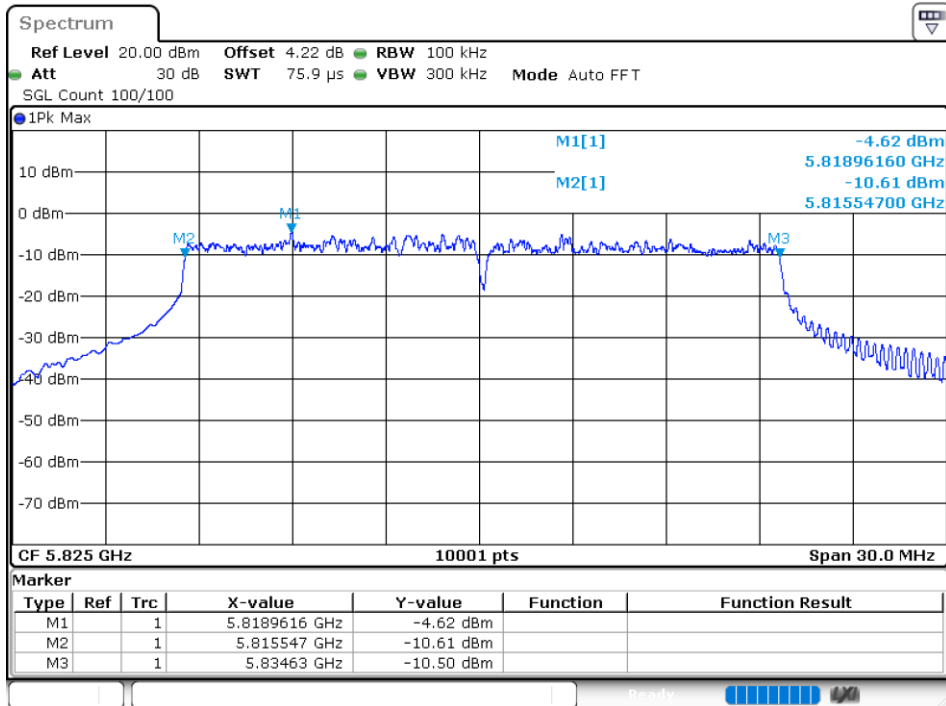
-6dB Bandwidth NVNT ax20 5745MHz Ant1



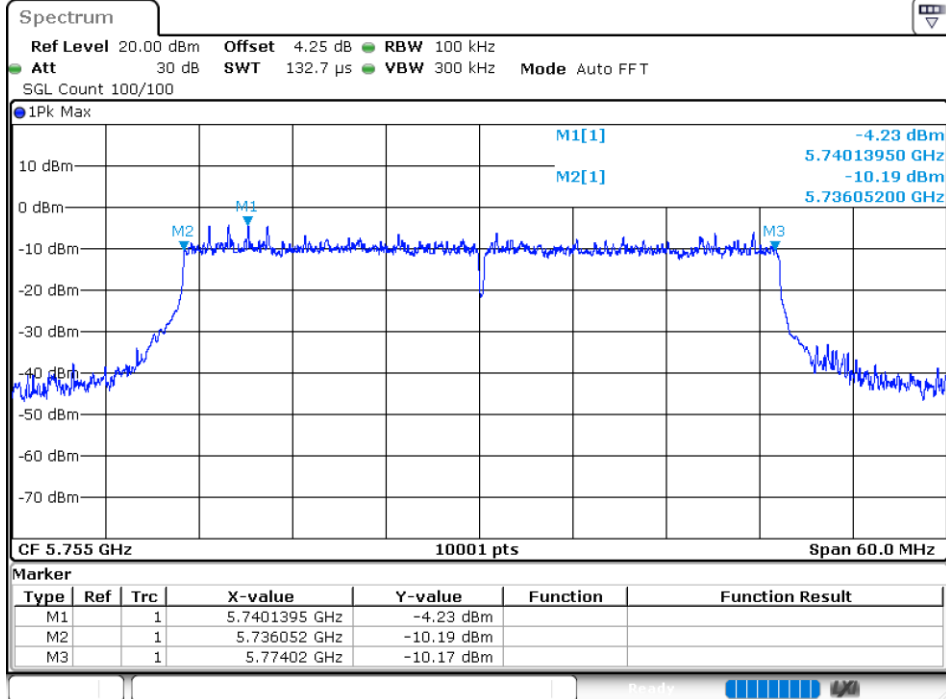
-6dB Bandwidth NVNT ax20 5785MHz Ant1



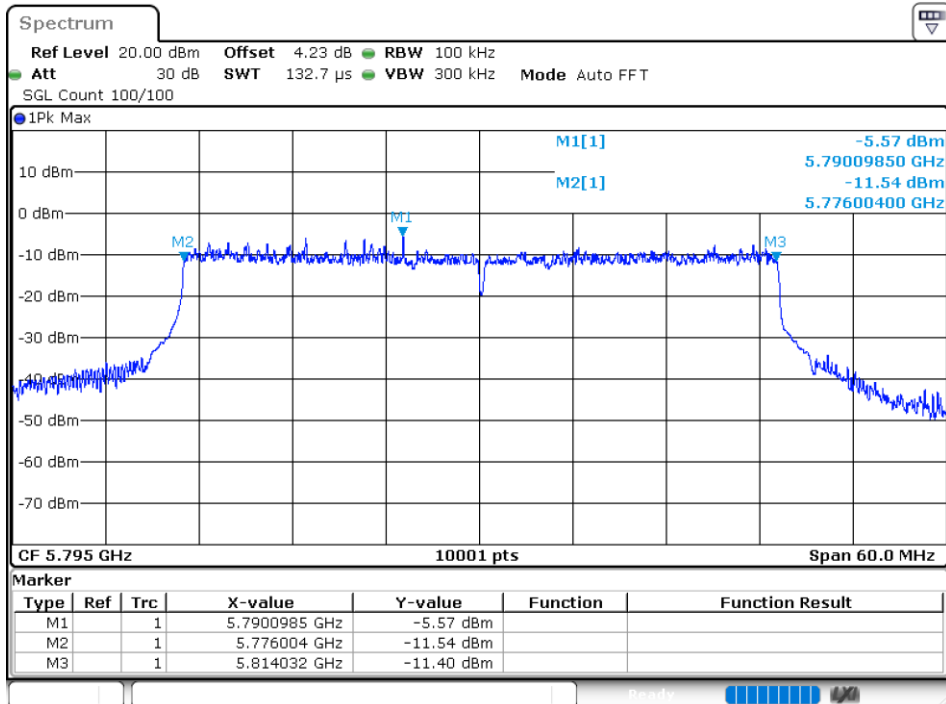
-6dB Bandwidth NVNT ax20 5825MHz Ant1



-6dB Bandwidth NVNT ax40 5755MHz Ant1



-6dB Bandwidth NVNT ax40 5795MHz Ant1



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.696
NVNT	a	5785	Ant1	16.681
NVNT	a	5825	Ant1	17.047
NVNT	n20	5745	Ant1	17.986
NVNT	n20	5785	Ant1	18.034
NVNT	n20	5825	Ant1	17.962
NVNT	n40	5755	Ant1	36.8
NVNT	n40	5795	Ant1	36.926
NVNT	ac20	5745	Ant1	17.902
NVNT	ac20	5785	Ant1	18.007
NVNT	ac20	5825	Ant1	18.127
NVNT	ac40	5755	Ant1	36.902
NVNT	ac40	5795	Ant1	36.896
NVNT	ax20	5745	Ant1	19.084
NVNT	ax20	5785	Ant1	19.138
NVNT	ax20	5825	Ant1	19.102
NVNT	ax40	5755	Ant1	38.108
NVNT	ax40	5795	Ant1	38.096