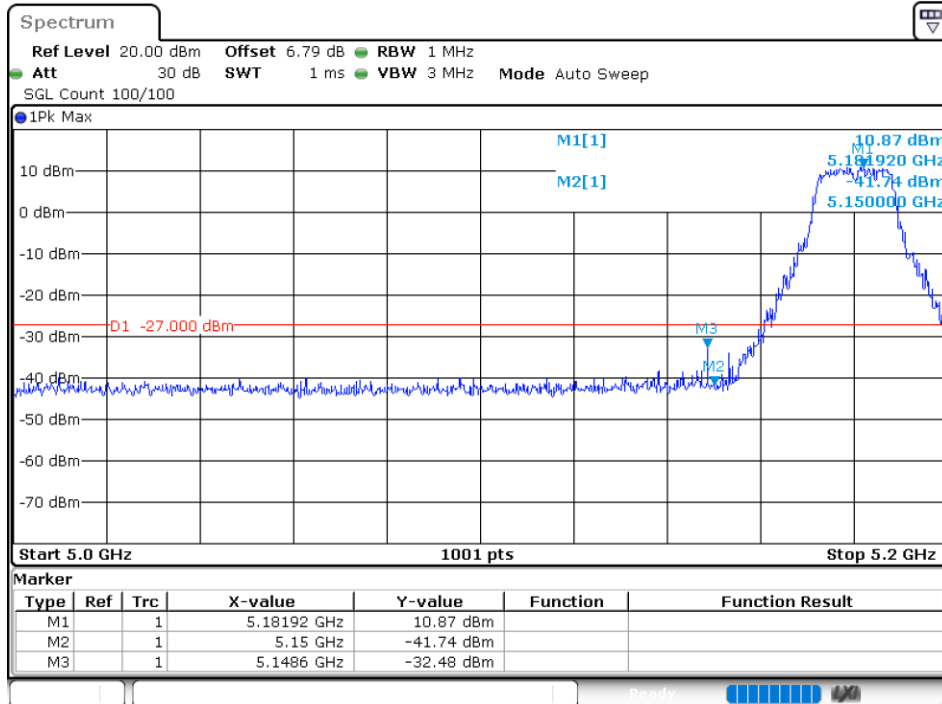
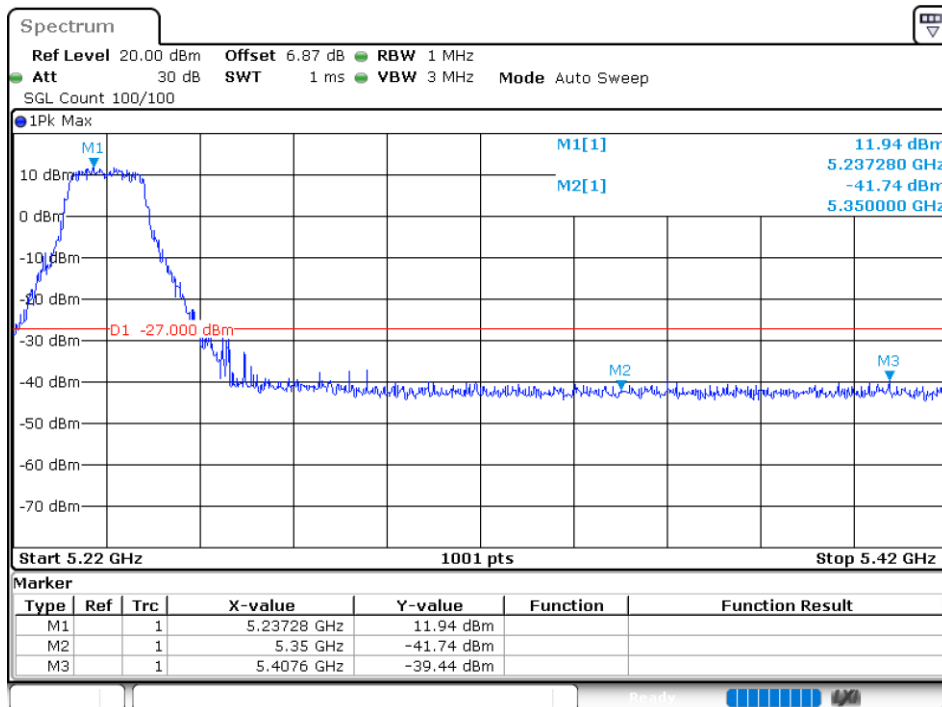


Test Graphs

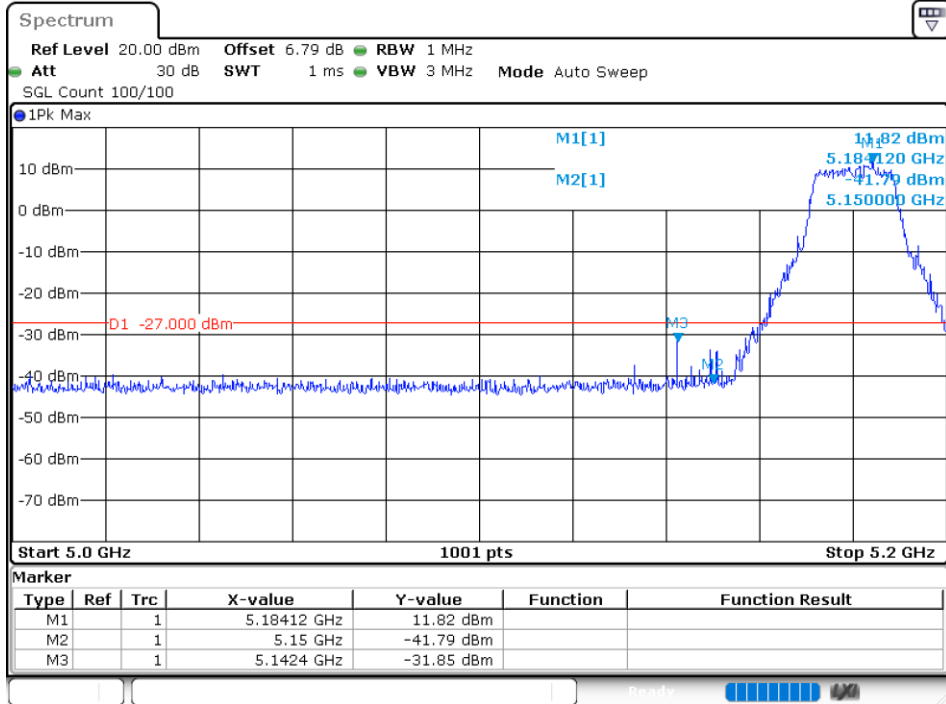
Band Edge NVNT a 5180MHz Low Ant1



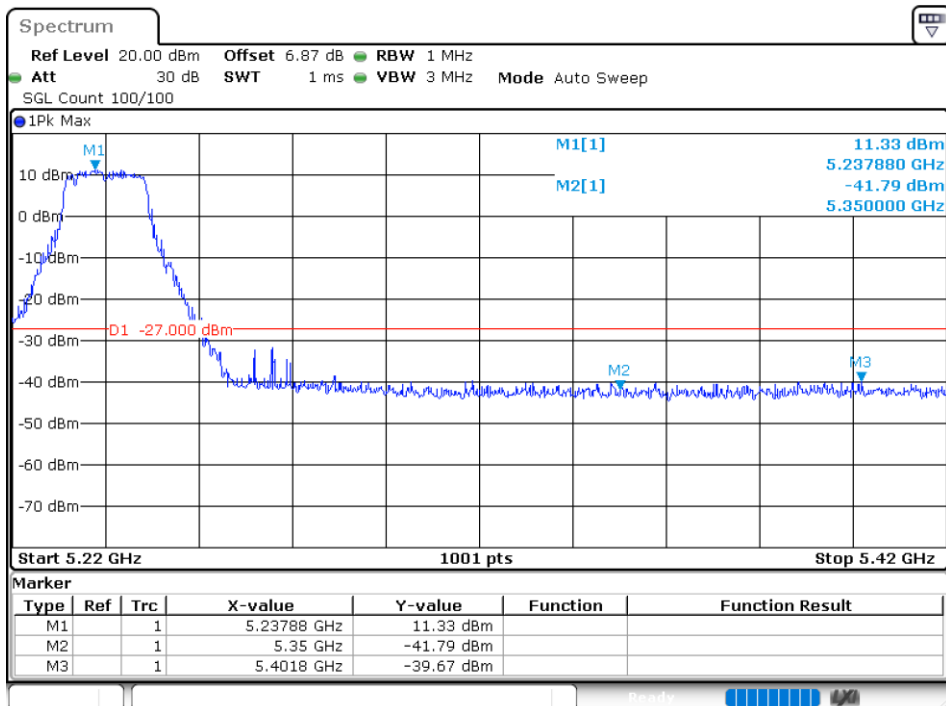
Band Edge NVNT a 5240MHz High Ant1



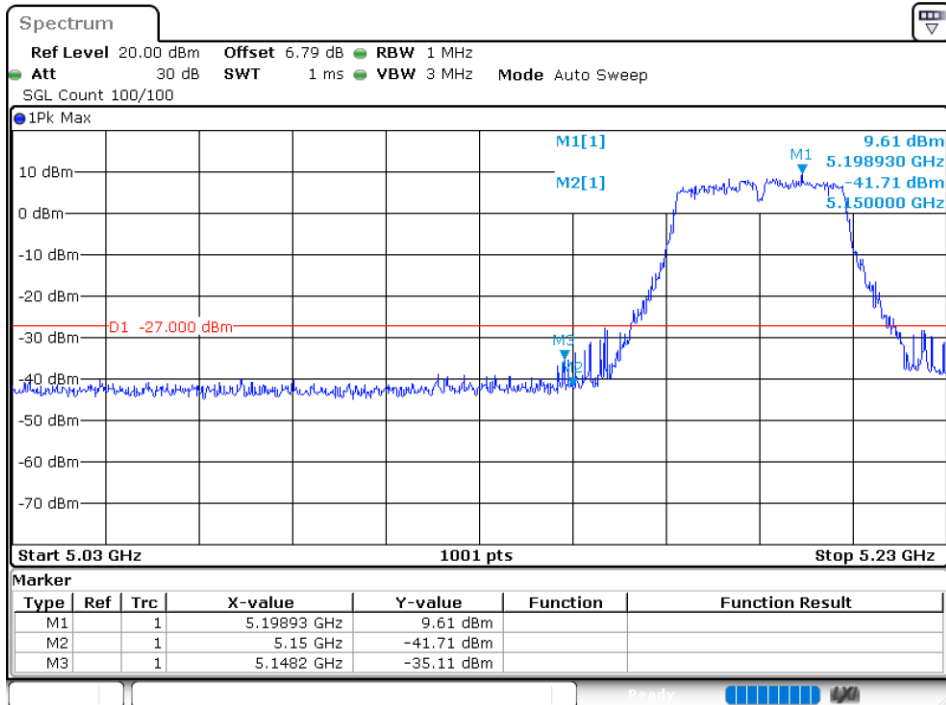
Band Edge NVNT n20 5180MHz Low Ant1



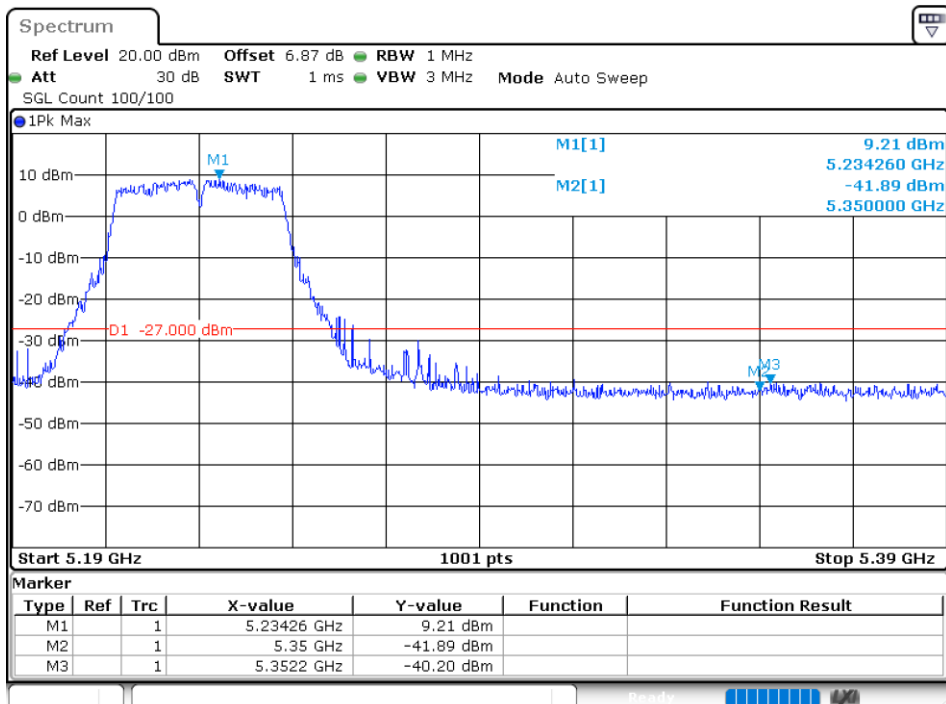
Band Edge NVNT n20 5240MHz High Ant1

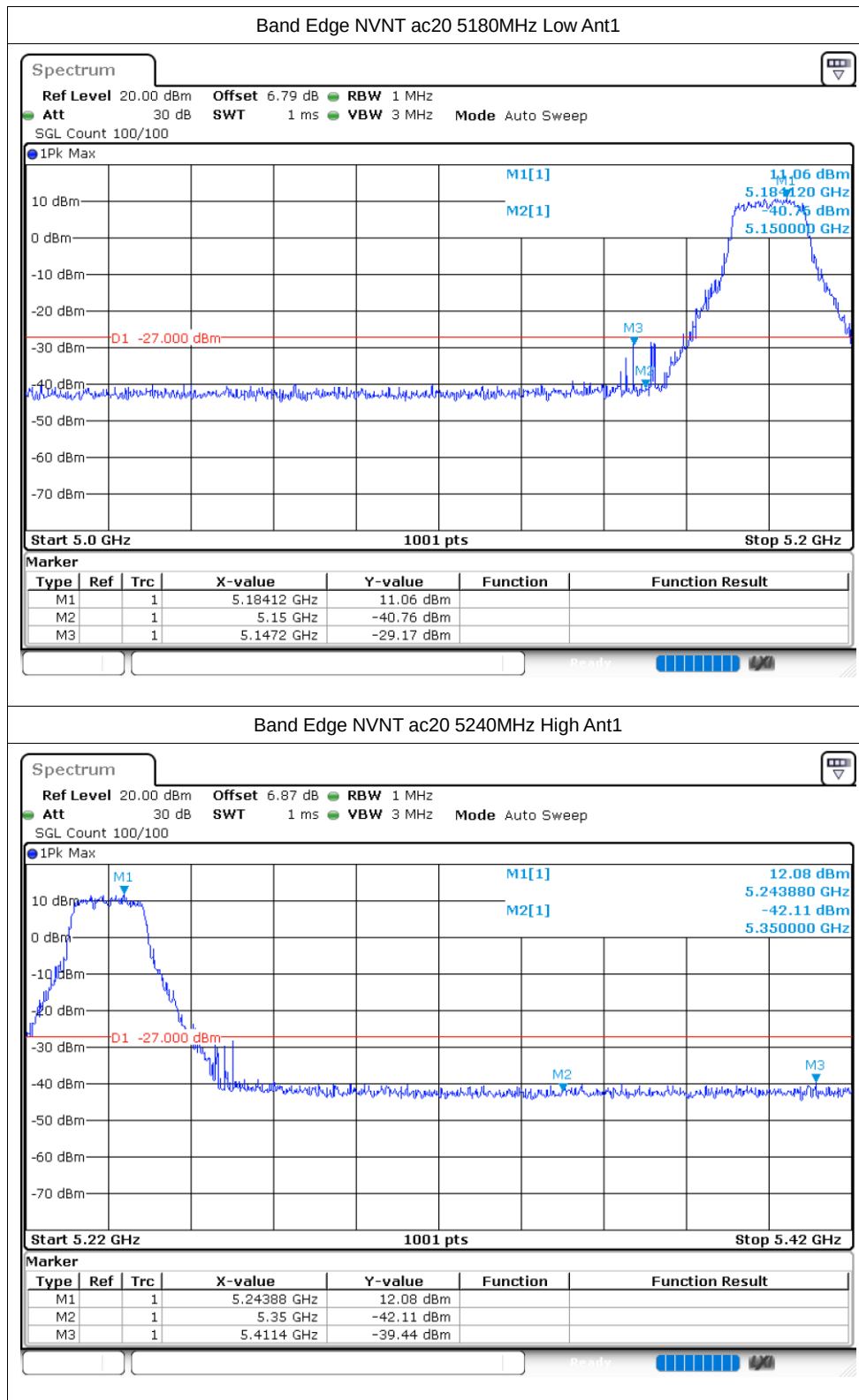


Band Edge NVNT n40 5190MHz Low Ant1

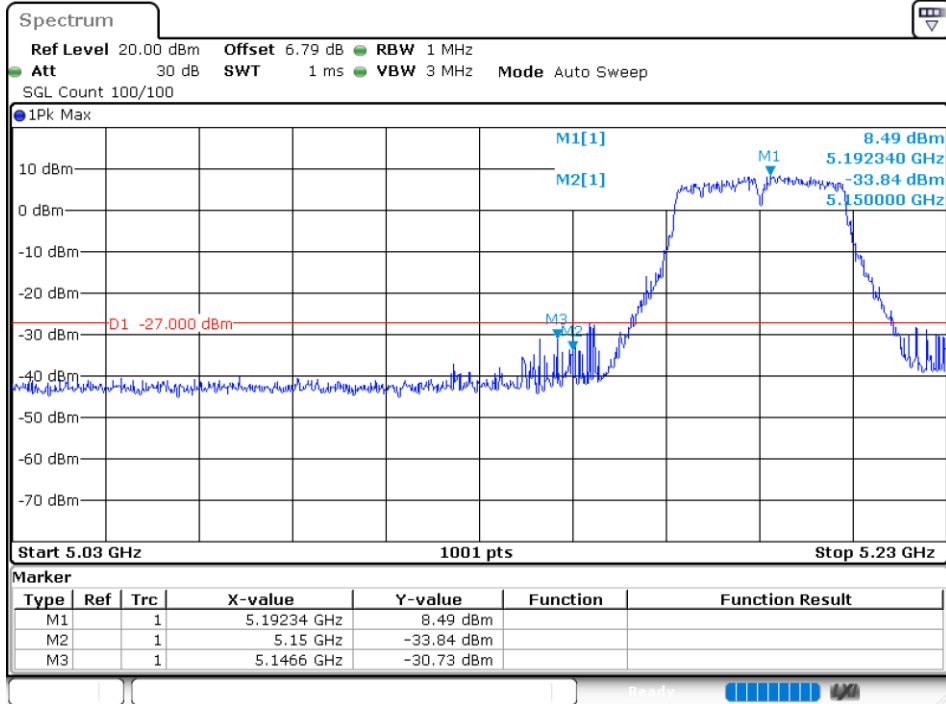


Band Edge NVNT n40 5230MHz High Ant1

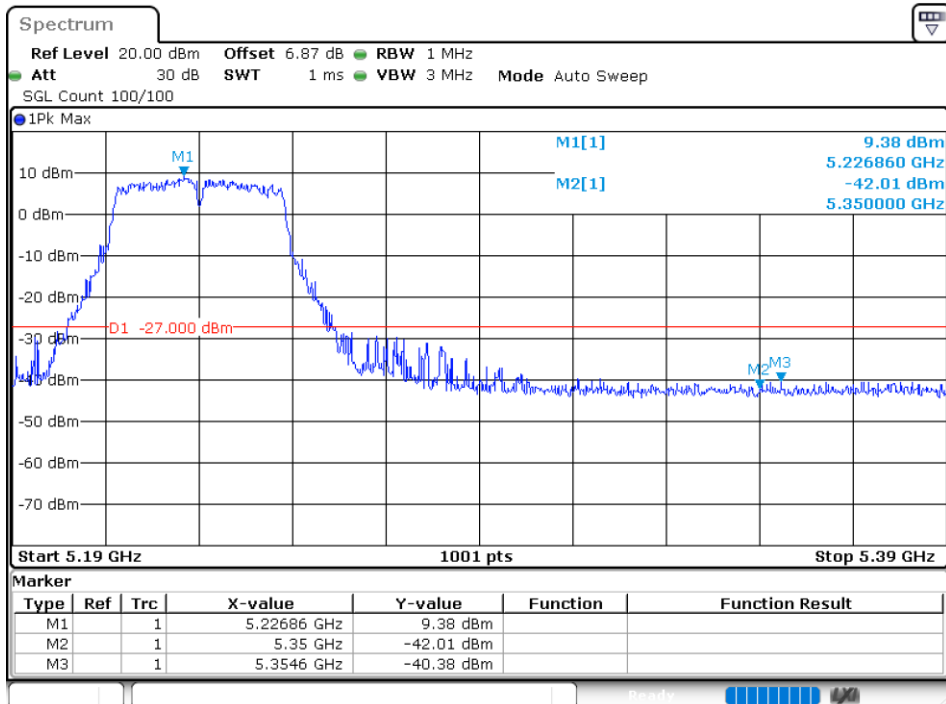


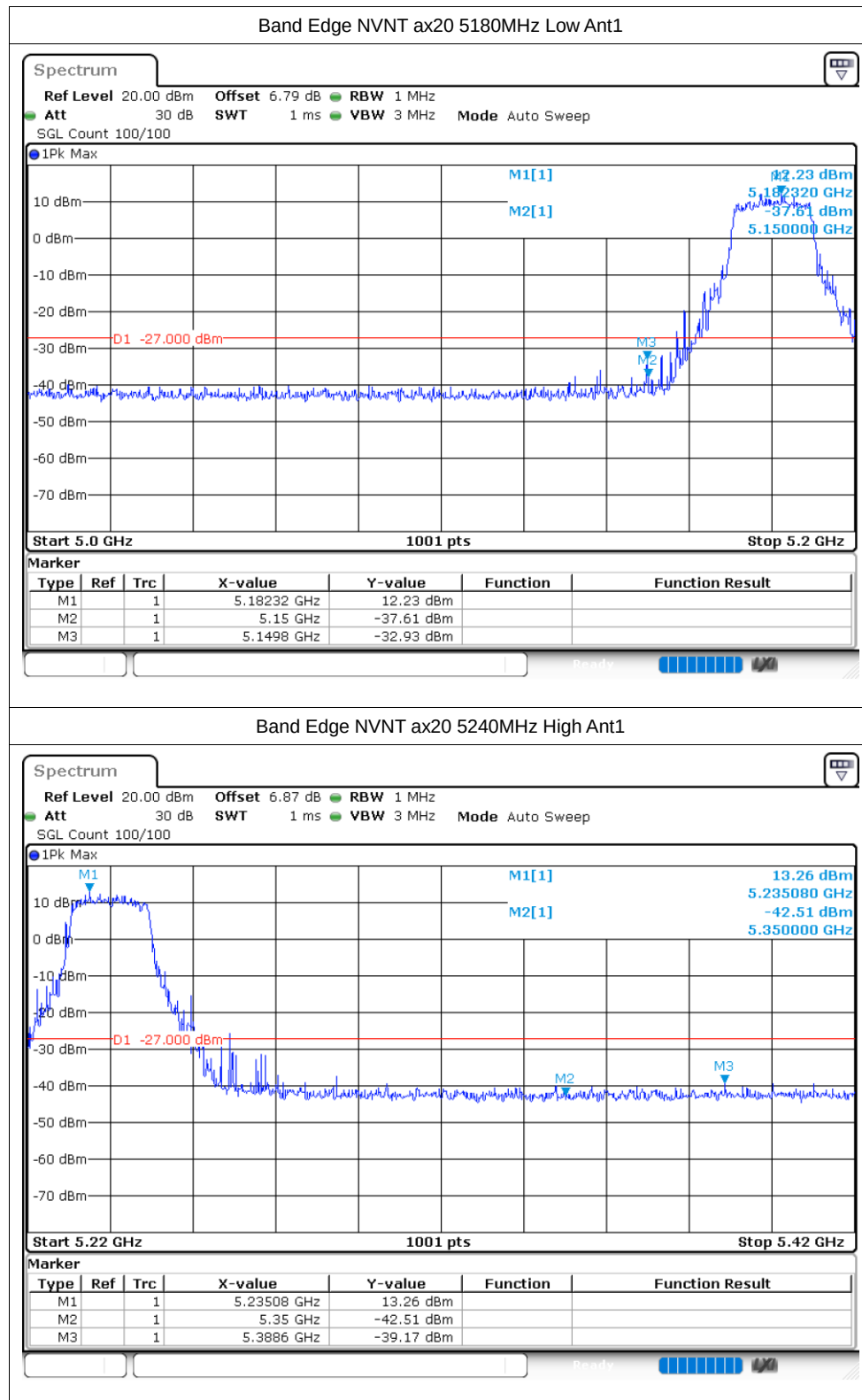


Band Edge NVNT ac40 5190MHz Low Ant1

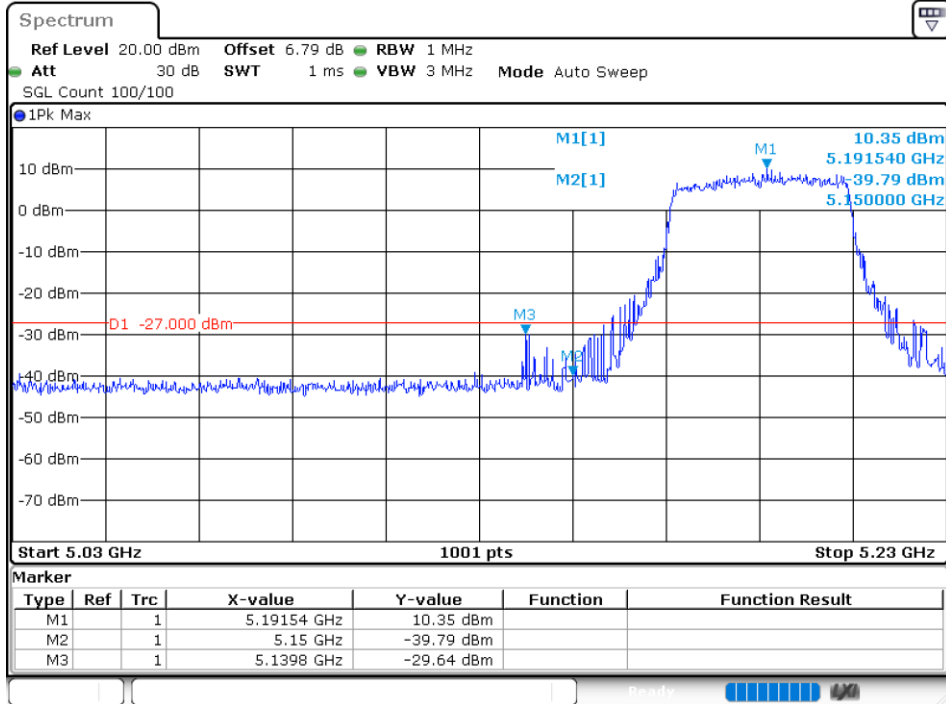


Band Edge NVNT ac40 5230MHz High Ant1

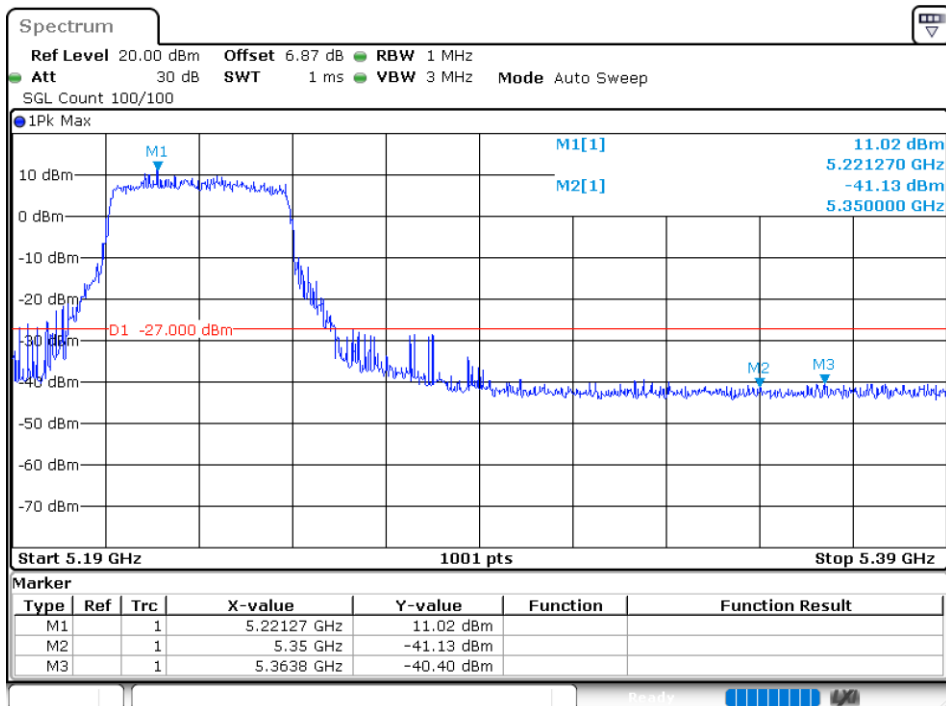




Band Edge NVNT ax40 5190MHz Low Ant1



Band Edge NVNT ax40 5230MHz High Ant1

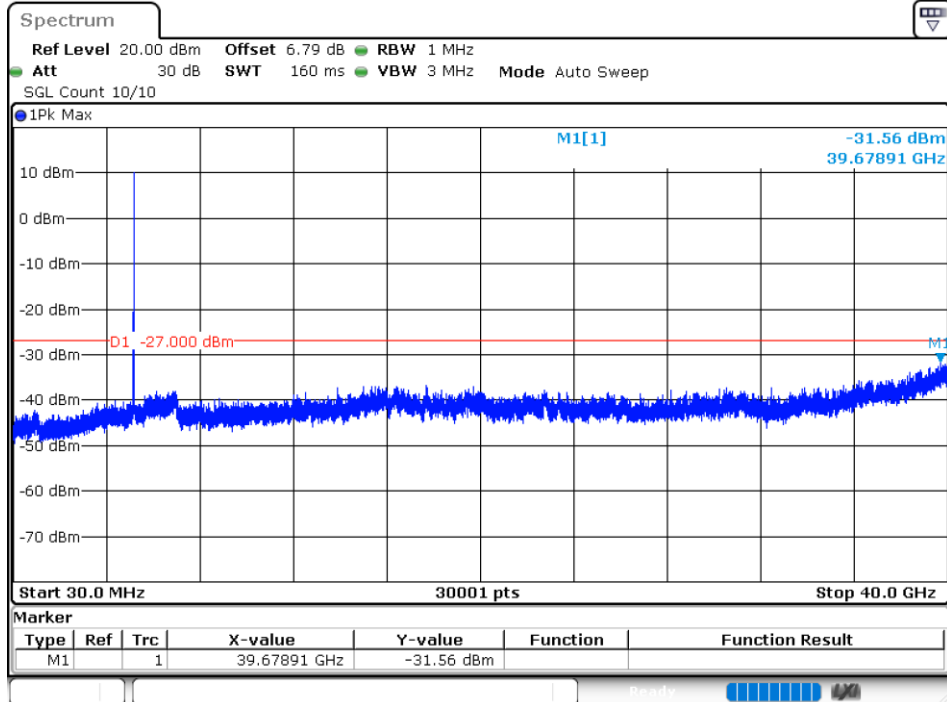


Conducted RF Spurious Emission

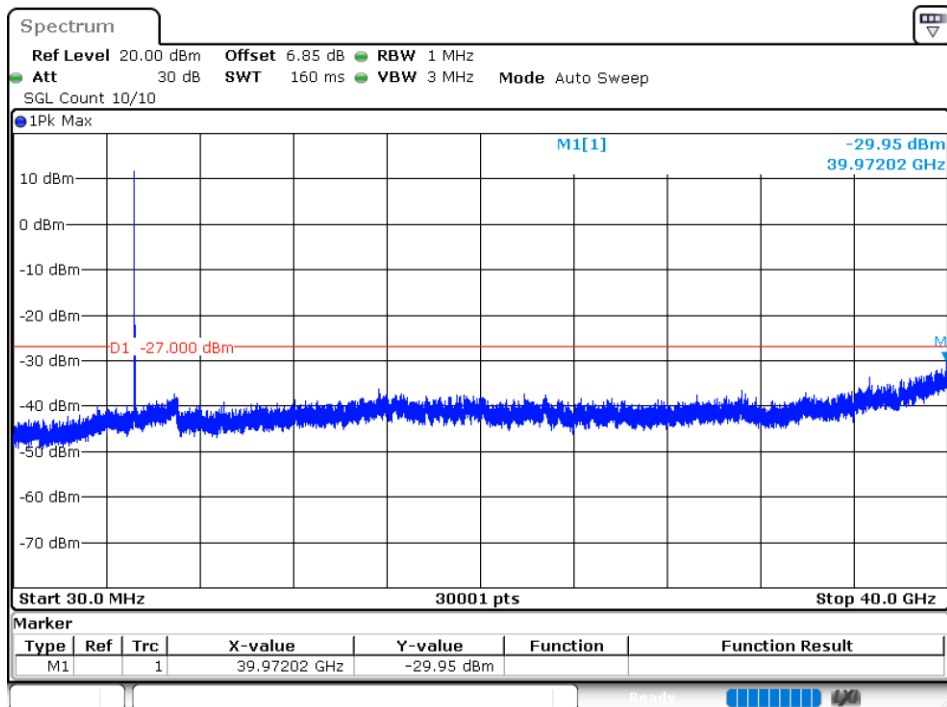
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-31.55	-27	Pass
NVNT	a	5200	Ant1	-29.94	-27	Pass
NVNT	a	5240	Ant1	-31.72	-27	Pass
NVNT	n20	5180	Ant1	-31.42	-27	Pass
NVNT	n20	5200	Ant1	-31.13	-27	Pass
NVNT	n20	5240	Ant1	-31.31	-27	Pass
NVNT	n40	5190	Ant1	-31.94	-27	Pass
NVNT	n40	5230	Ant1	-31.36	-27	Pass
NVNT	ac20	5180	Ant1	-30.93	-27	Pass
NVNT	ac20	5200	Ant1	-31.58	-27	Pass
NVNT	ac20	5240	Ant1	-29.84	-27	Pass
NVNT	ac40	5190	Ant1	-31.44	-27	Pass
NVNT	ac40	5230	Ant1	-31.14	-27	Pass
NVNT	ax20	5180	Ant1	-31.49	-27	Pass
NVNT	ax20	5200	Ant1	-31.49	-27	Pass
NVNT	ax20	5240	Ant1	-31.41	-27	Pass
NVNT	ax40	5190	Ant1	-31.14	-27	Pass
NVNT	ax40	5230	Ant1	-30.5	-27	Pass

Test Graphs

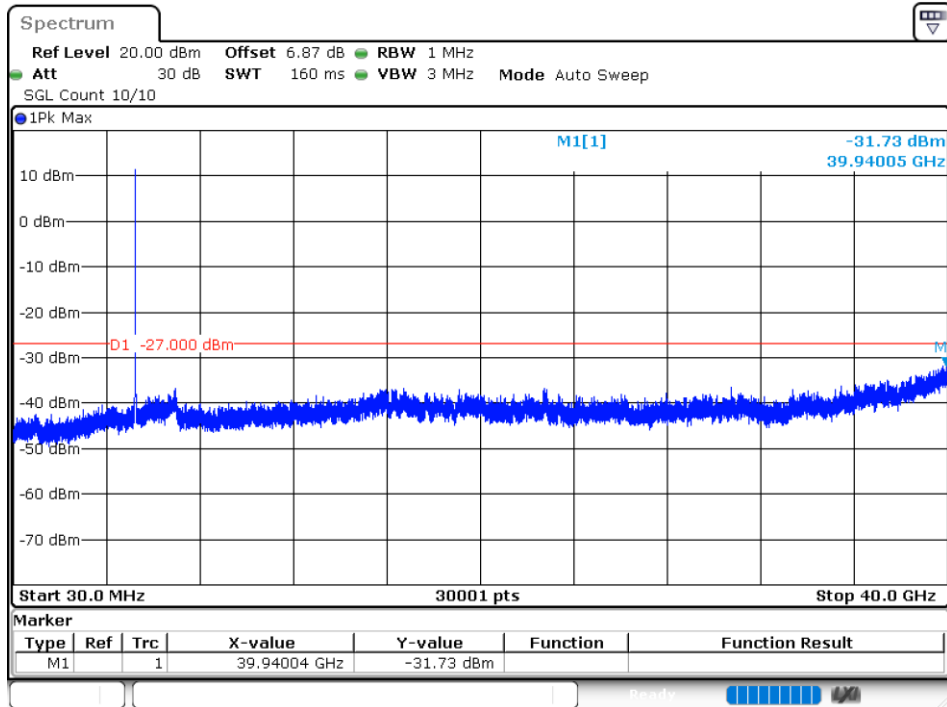
Tx. Spurious NVNT a 5180MHz Ant1 Emission



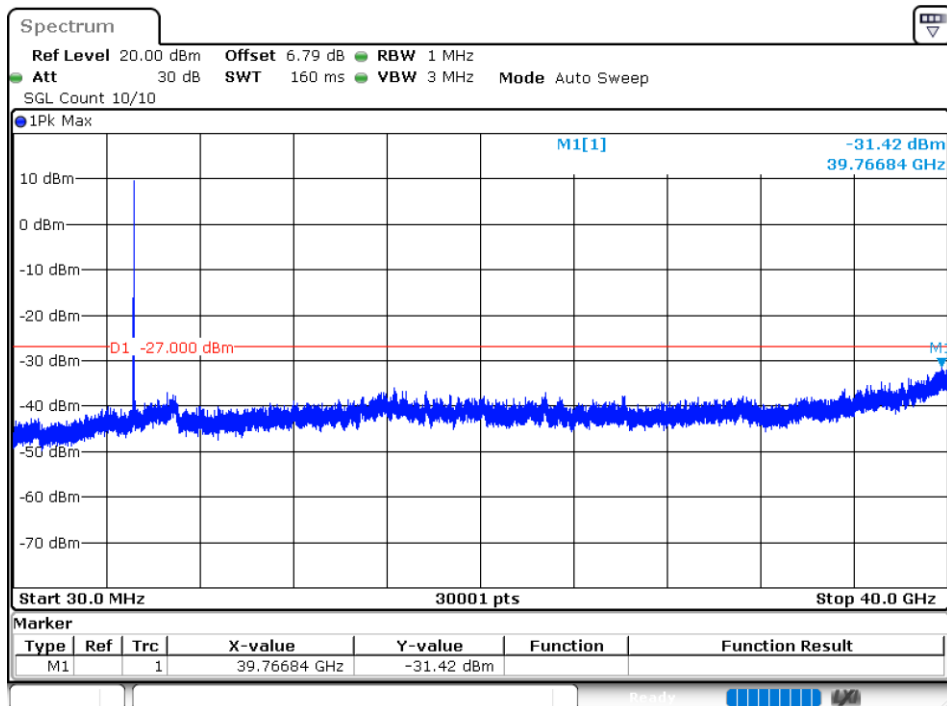
Tx. Spurious NVNT a 5200MHz Ant1 Emission

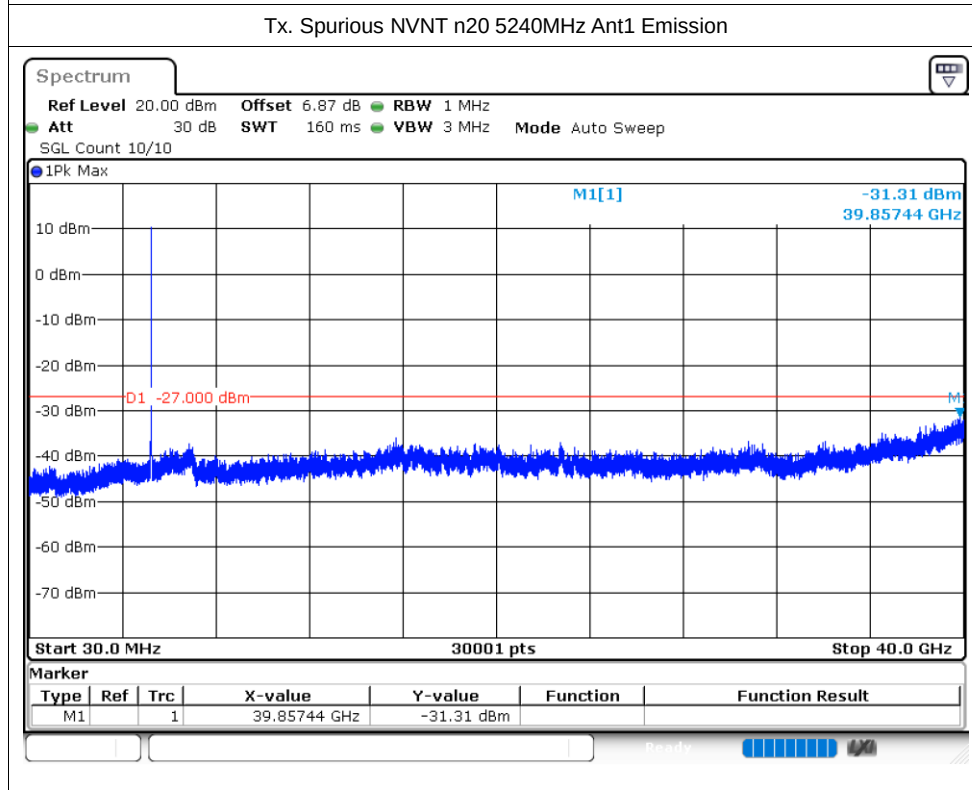
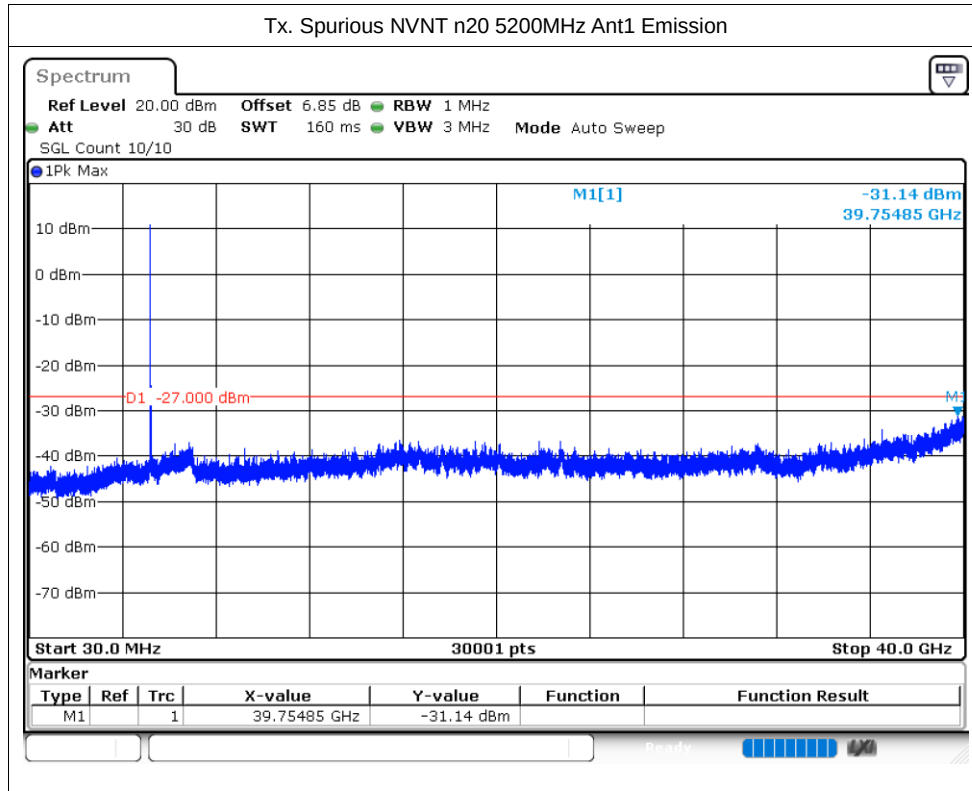


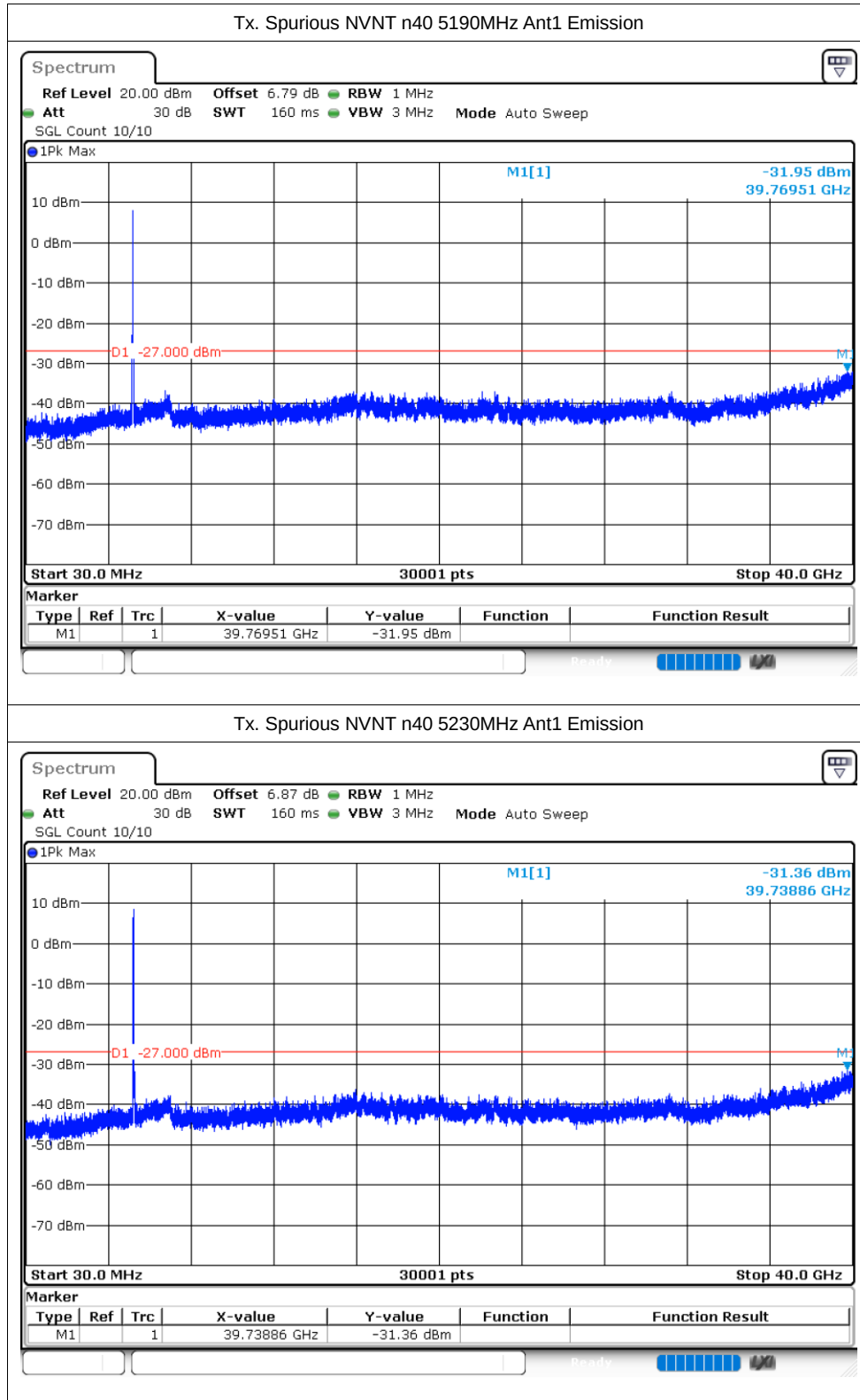
Tx. Spurious NVNT a 5240MHz Ant1 Emission



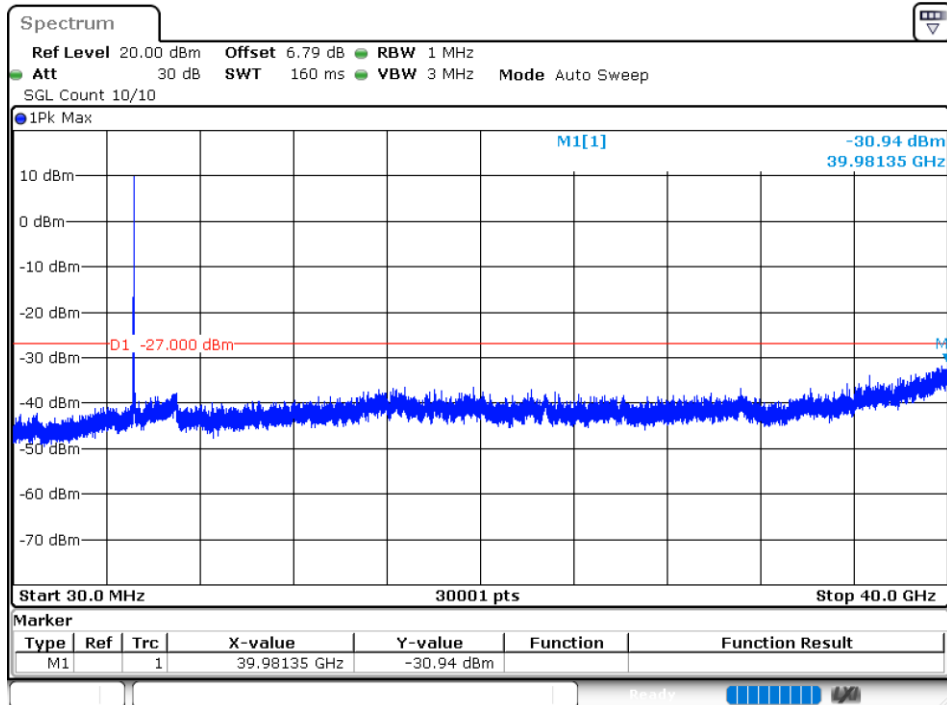
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



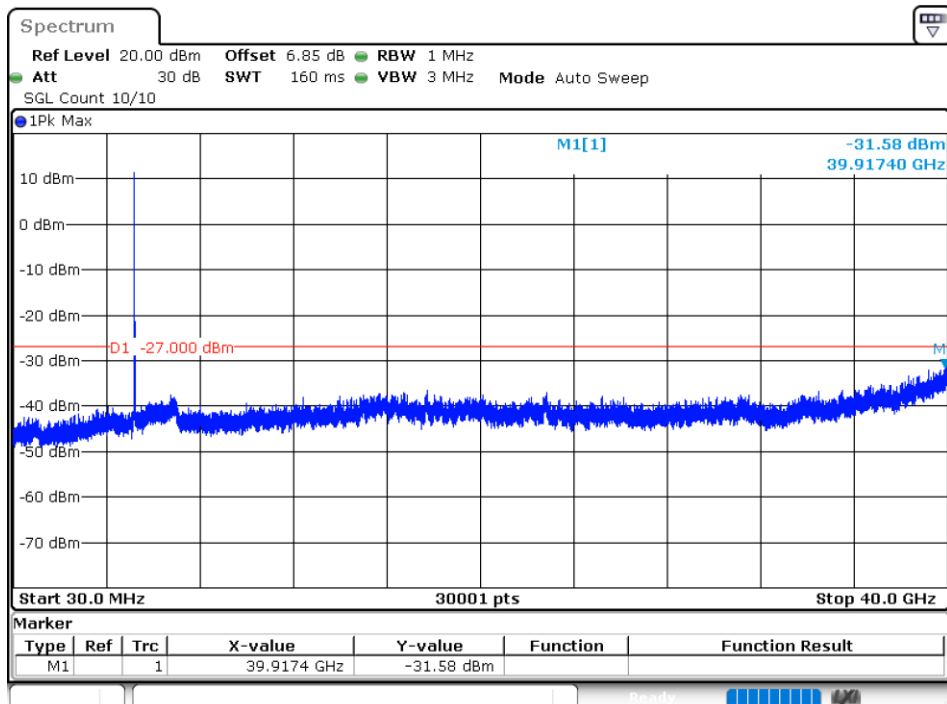


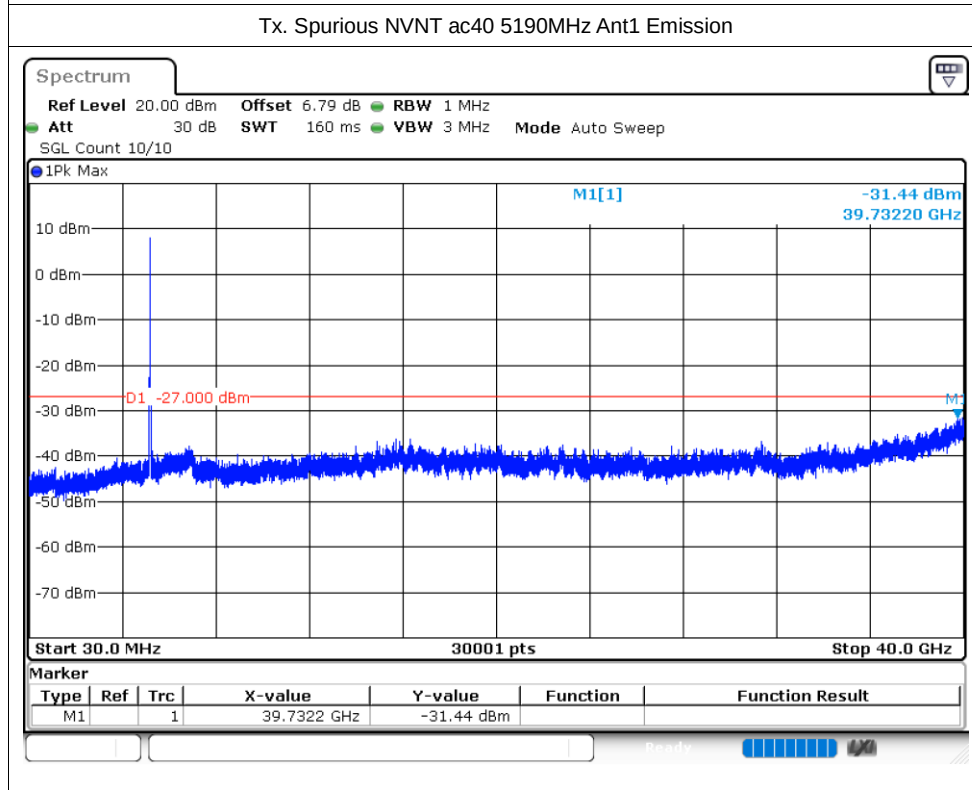
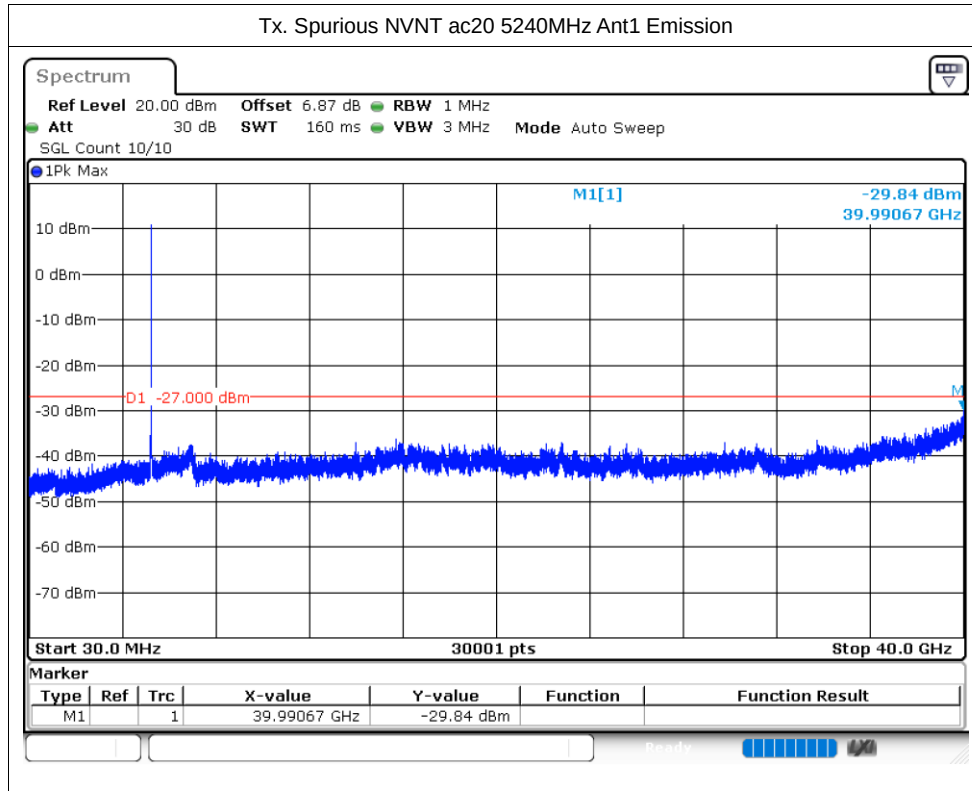


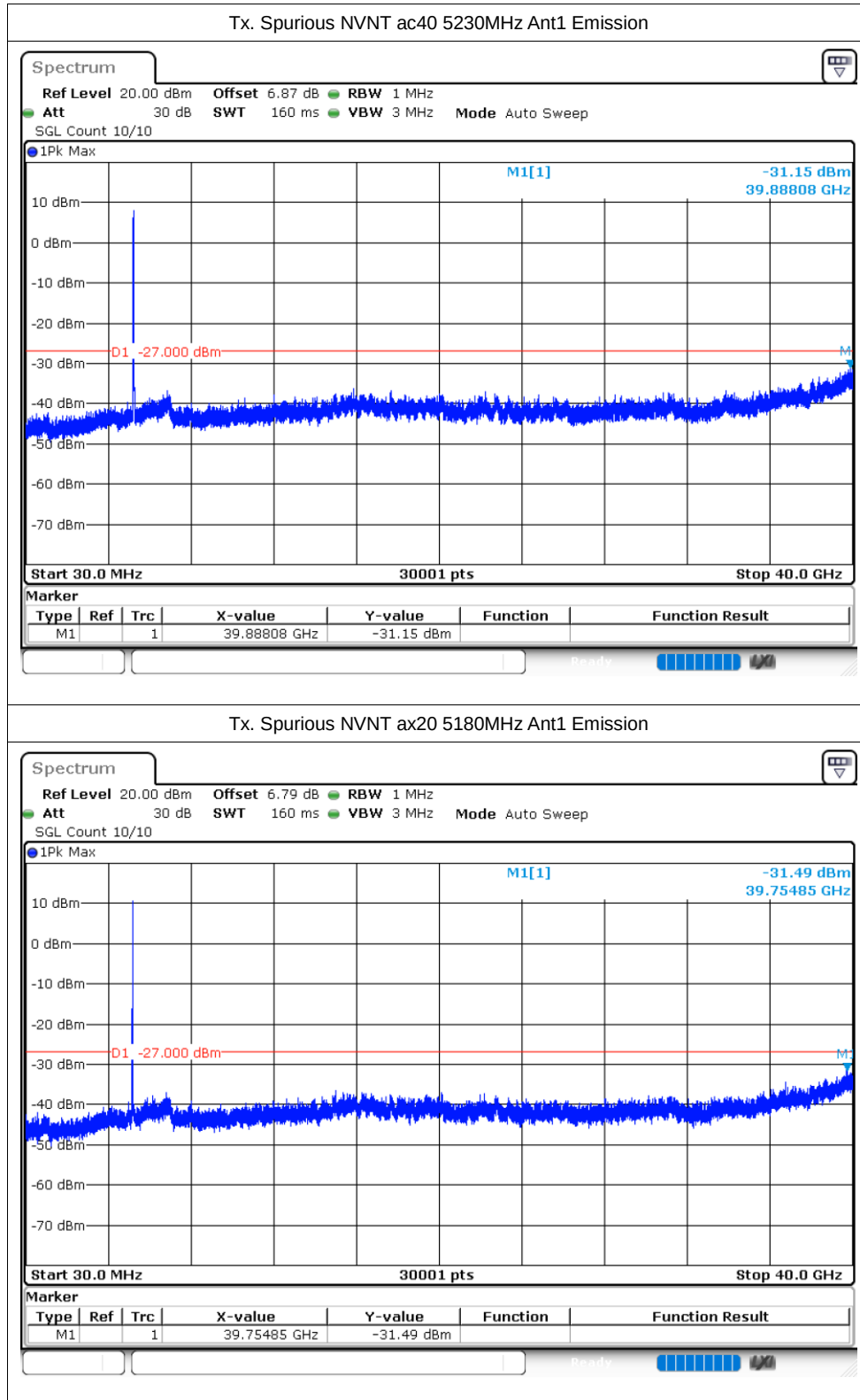
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission

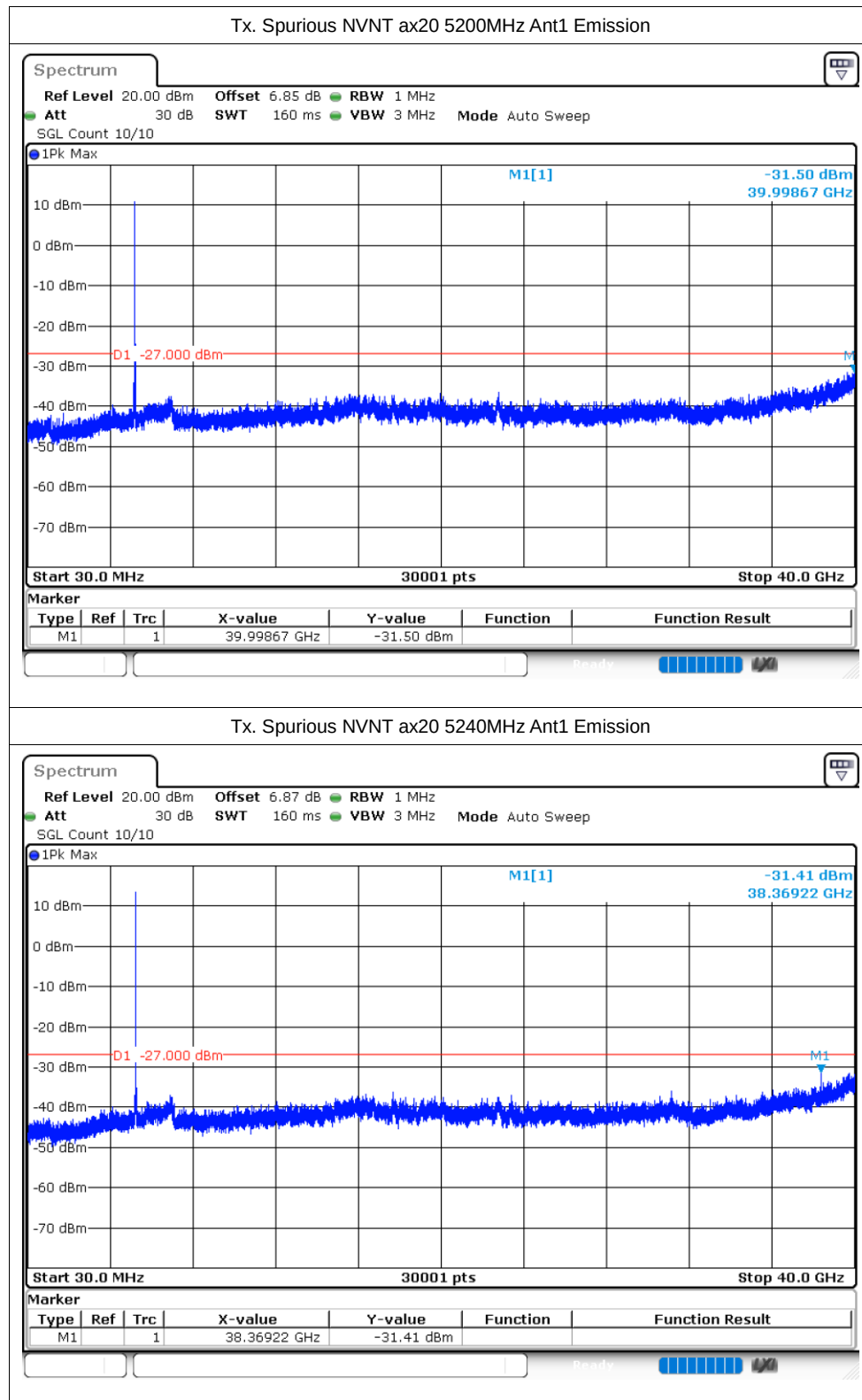


Tx. Spurious NVNT ac20 5200MHz Ant1 Emission

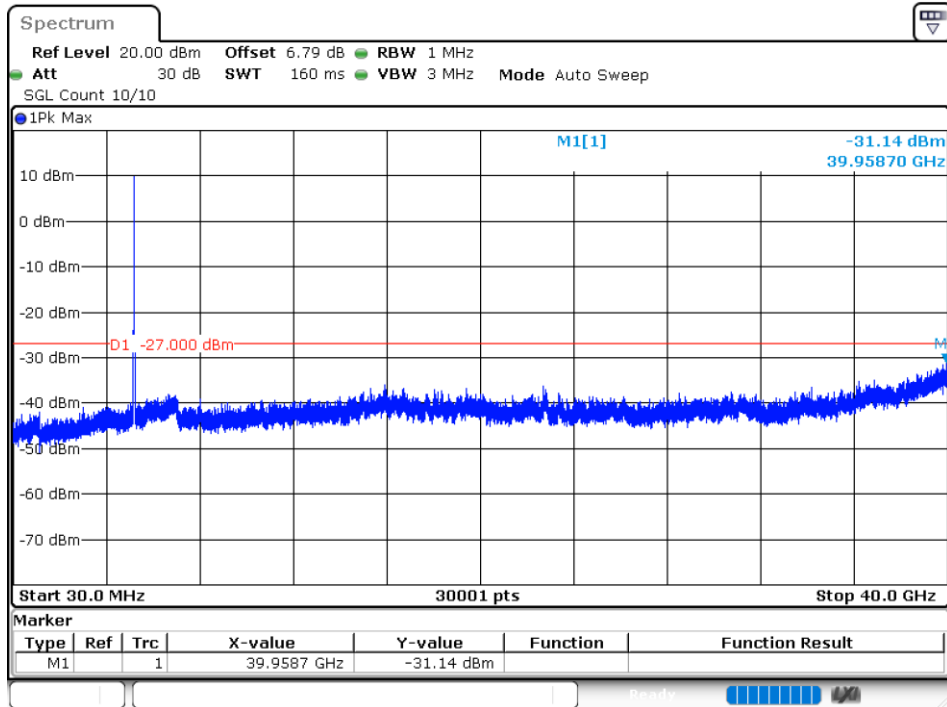




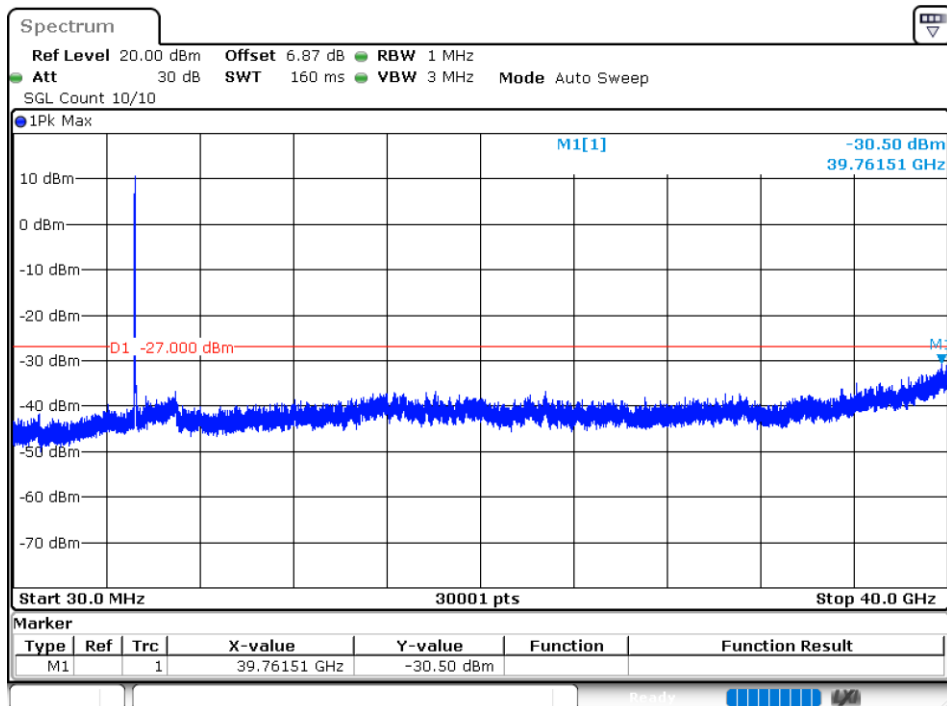




Tx. Spurious NVNT ax40 5190MHz Ant1 Emission



Tx. Spurious NVNT ax40 5230MHz Ant1 Emission



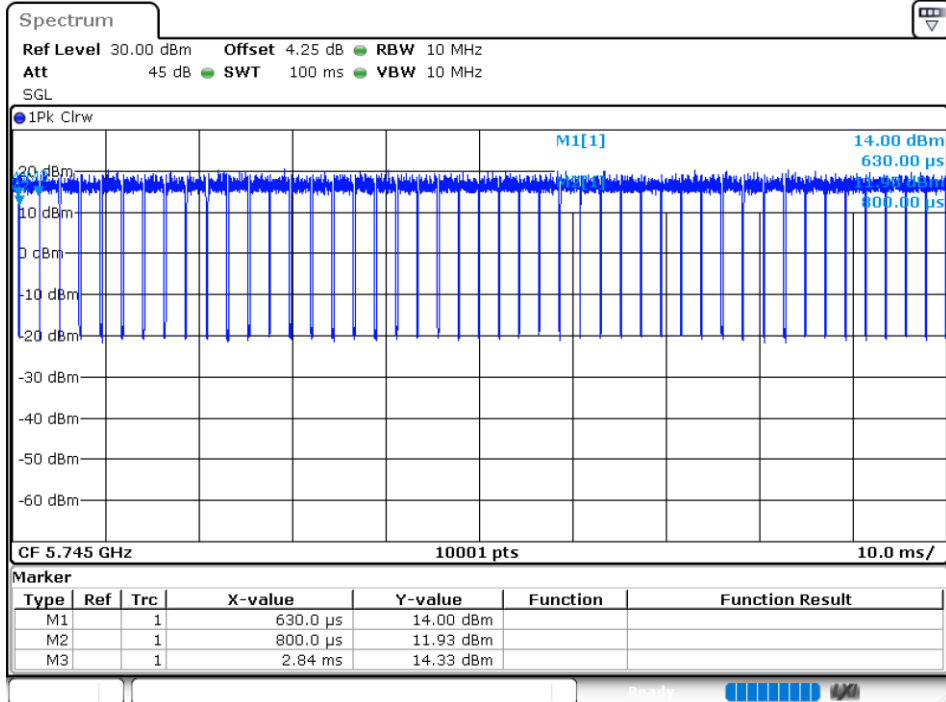
5.8G WIFI

Duty Cycle

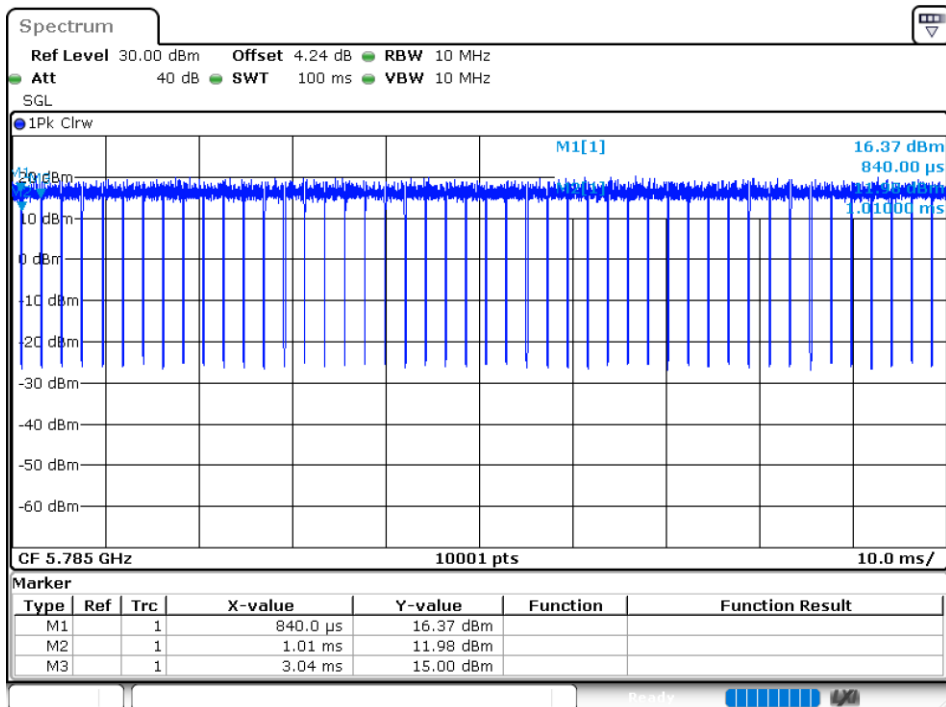
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	92.56	0.34	0.49
NVNT	a	5785	Ant1	94.26	0.26	0.49
NVNT	a	5825	Ant1	97.88	0.09	0
NVNT	n20	5745	Ant1	92.58	0.33	0.53
NVNT	n20	5785	Ant1	94.02	0.27	0.53
NVNT	n20	5825	Ant1	98.28	0.08	33.33
NVNT	n40	5755	Ant1	93.28	0.3	50
NVNT	n40	5795	Ant1	93.77	0.28	0
NVNT	ac20	5745	Ant1	92.46	0.34	0.53
NVNT	ac20	5785	Ant1	91.52	0.38	0.53
NVNT	ac20	5825	Ant1	92.01	0.36	0.53
NVNT	ac40	5755	Ant1	89.05	0.5	1.06
NVNT	ac40	5795	Ant1	85.29	0.69	1.08
NVNT	ax20	5745	Ant1	92.24	0.35	0.68
NVNT	ax20	5785	Ant1	89.66	0.47	0.68
NVNT	ax20	5825	Ant1	92.46	0.34	0.68
NVNT	ax40	5755	Ant1	82.64	0.83	1.3
NVNT	ax40	5795	Ant1	82	0.86	1.3

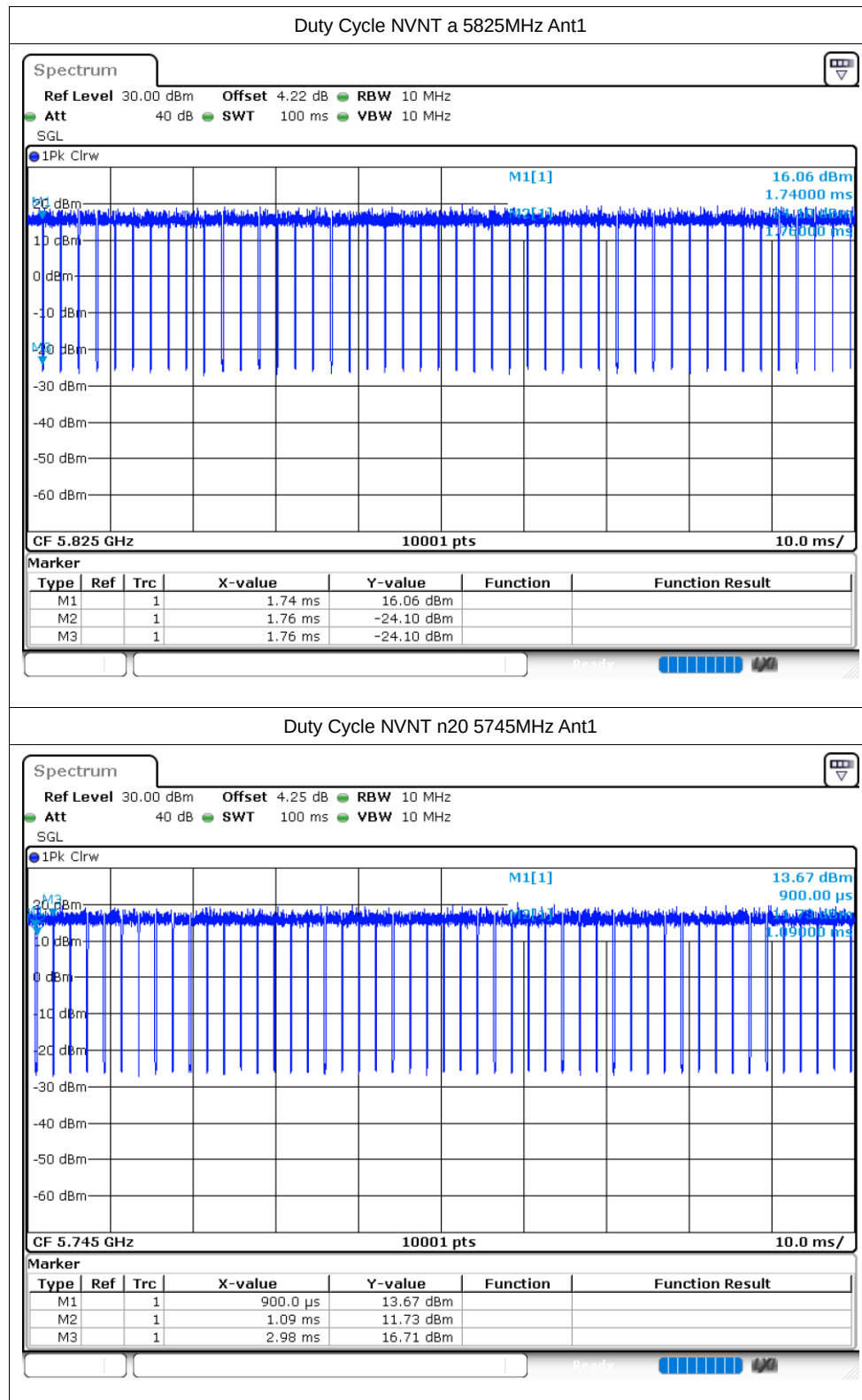
Test Graphs

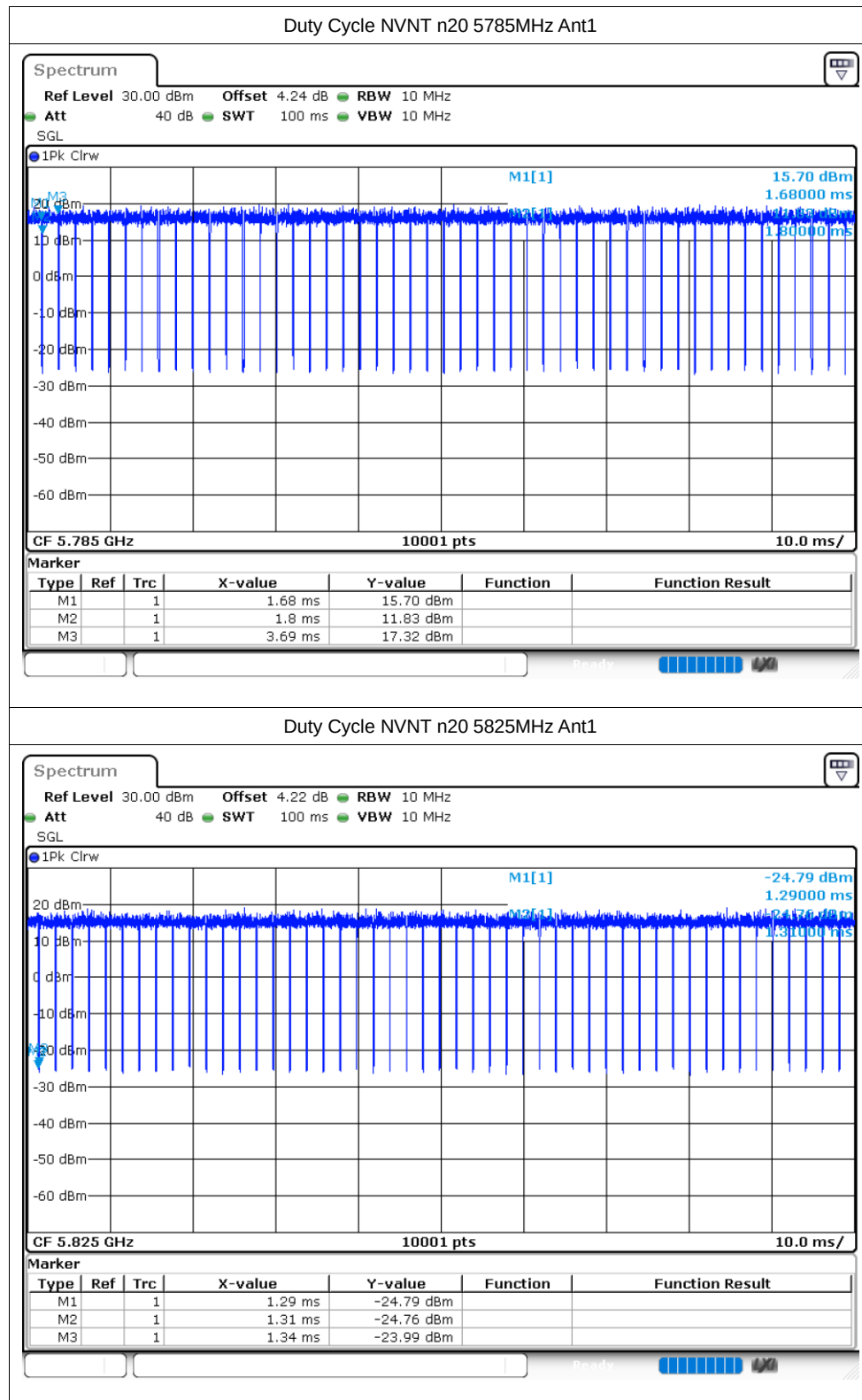
Duty Cycle NVNT a 5745MHz Ant1

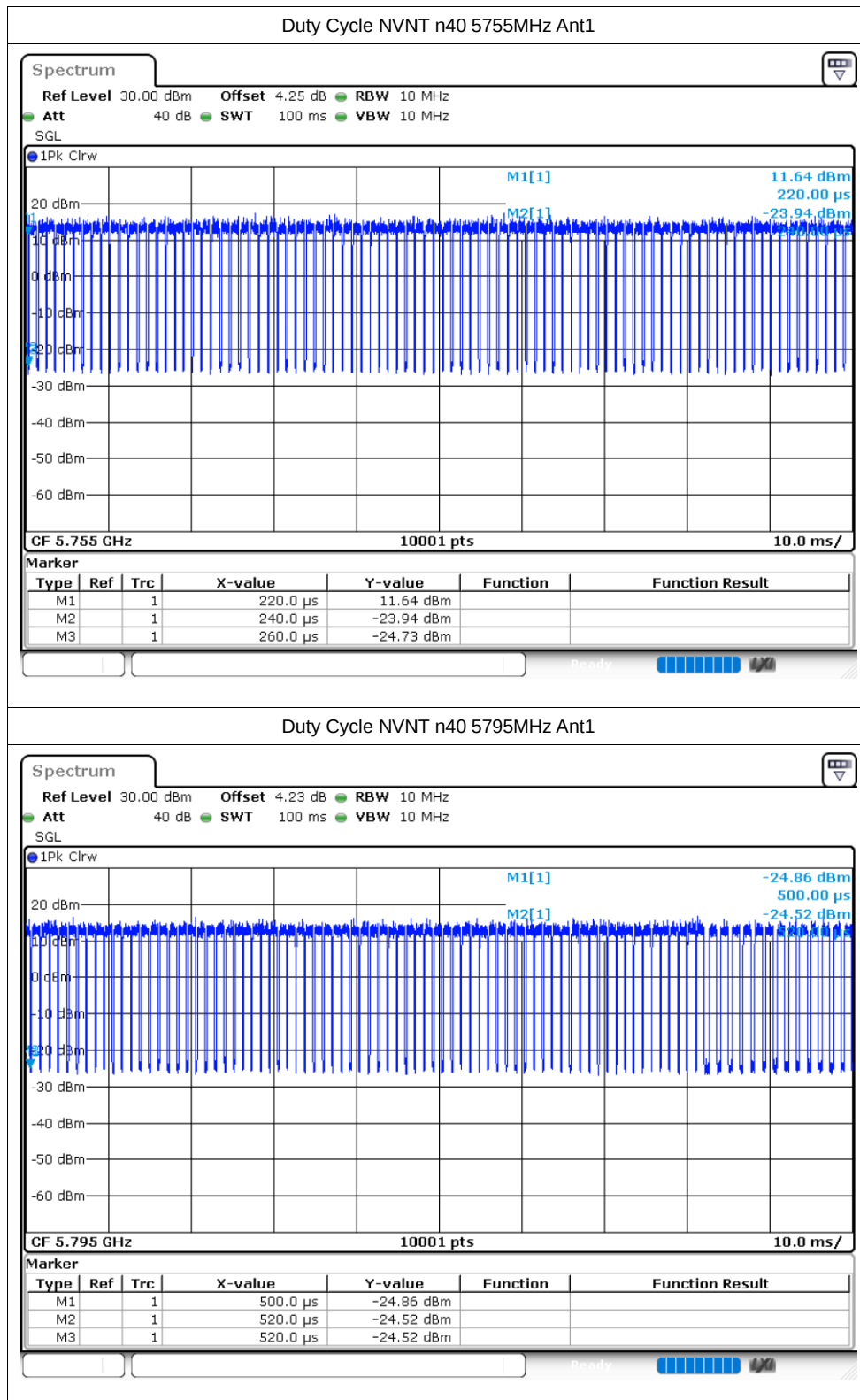


Duty Cycle NVNT a 5785MHz Ant1







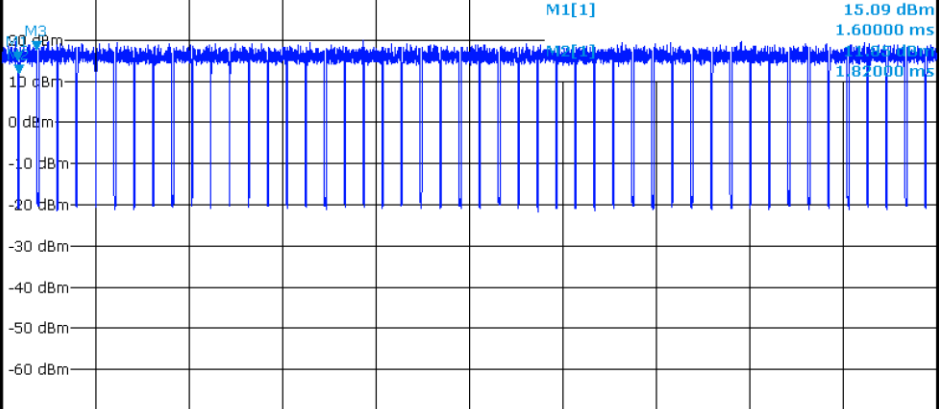


Duty Cycle NVNT ac20 5745MHz Ant1

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

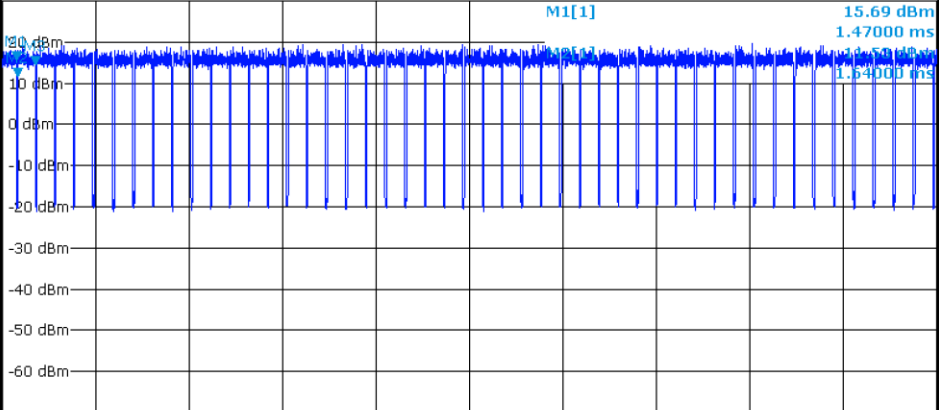
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.6 ms	15.09 dBm		
M2		1	1.82 ms	11.85 dBm		
M3		1	3.72 ms	17.64 dBm		

Duty Cycle NVNT ac20 5785MHz Ant1

Spectrum

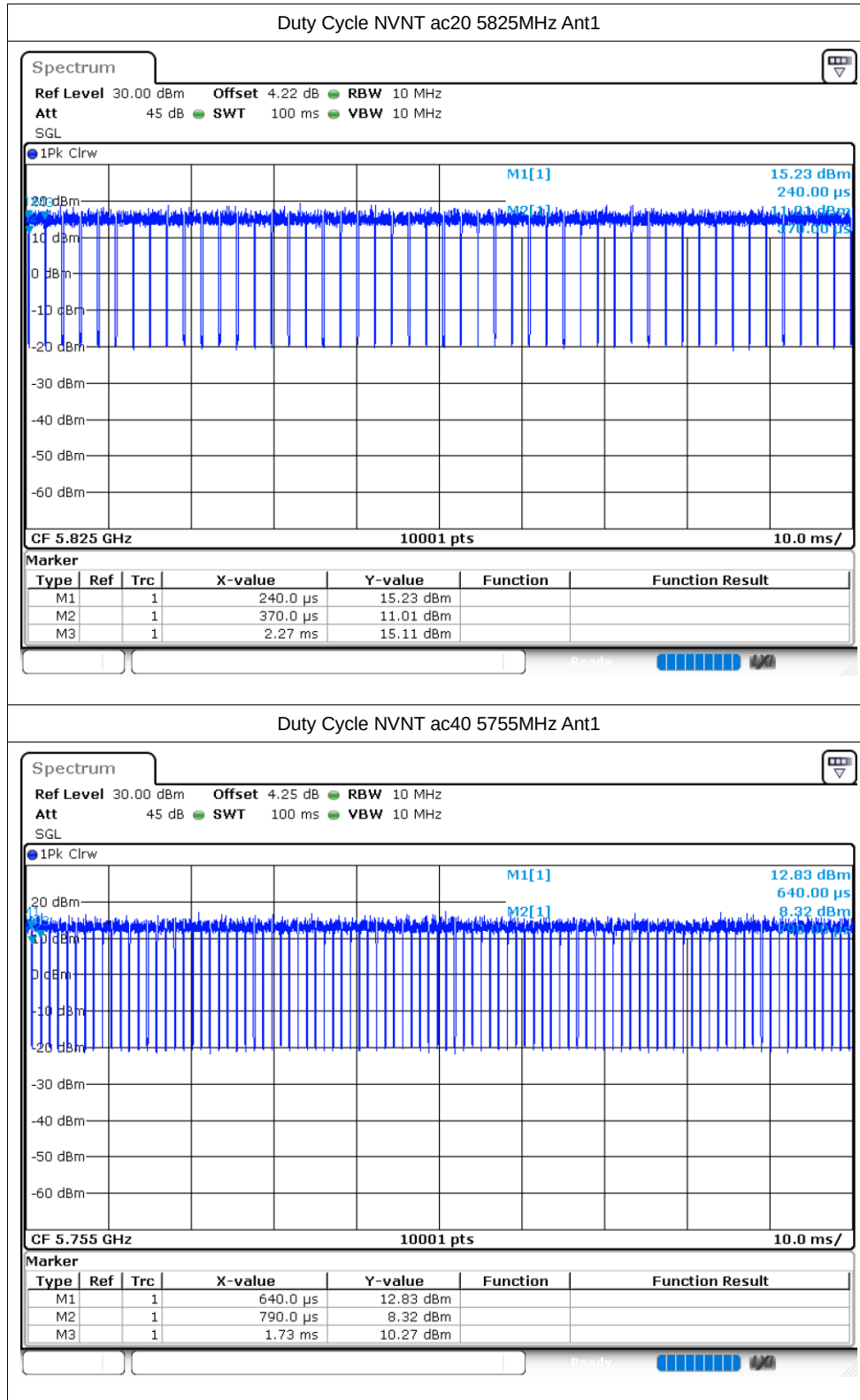
Ref Level 30.00 dBm Offset 4.24 dB RBW 10 MHz
Att 45 dB SWT 100 ms VBW 10 MHz
SGL

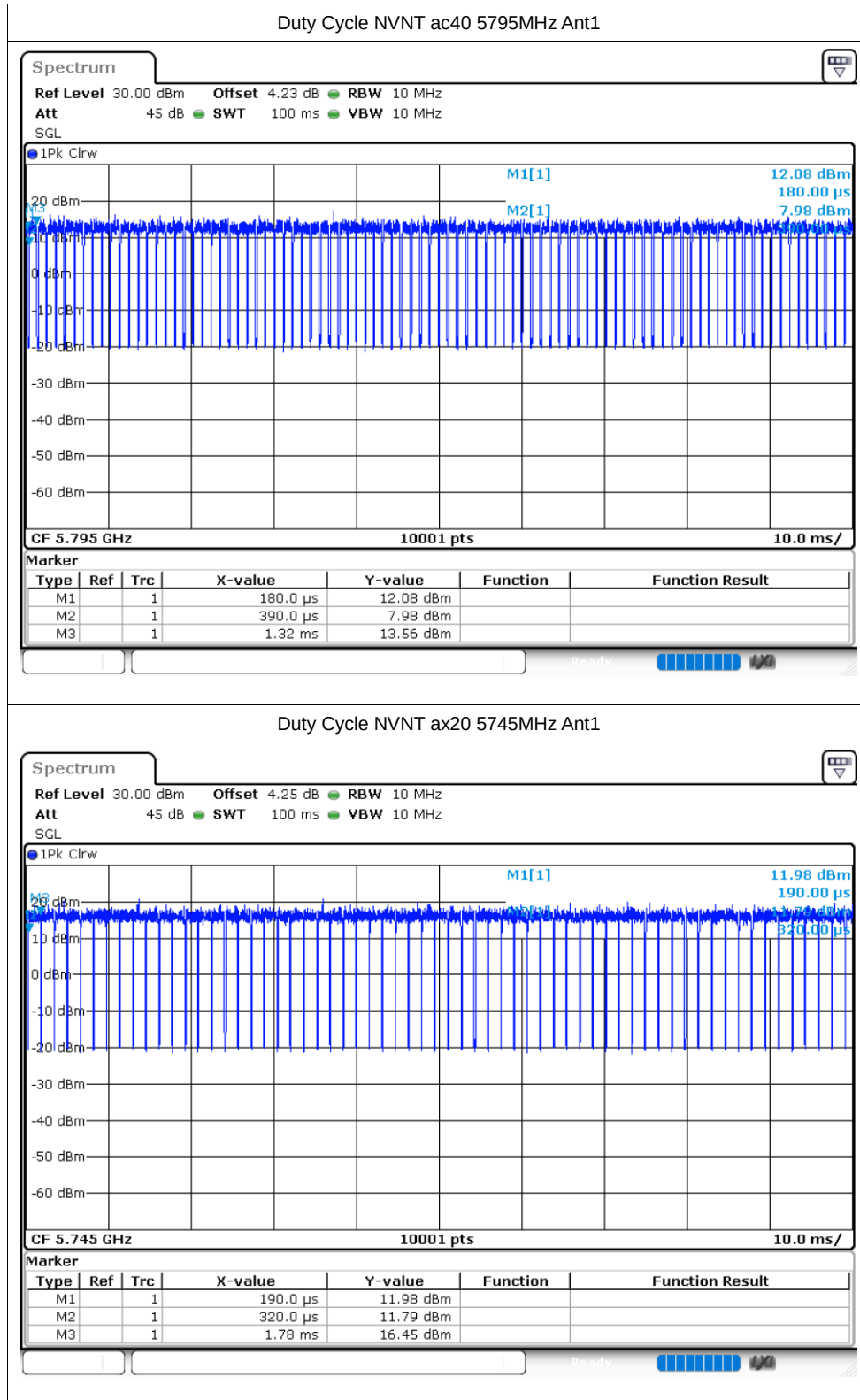
1Pk Clrw

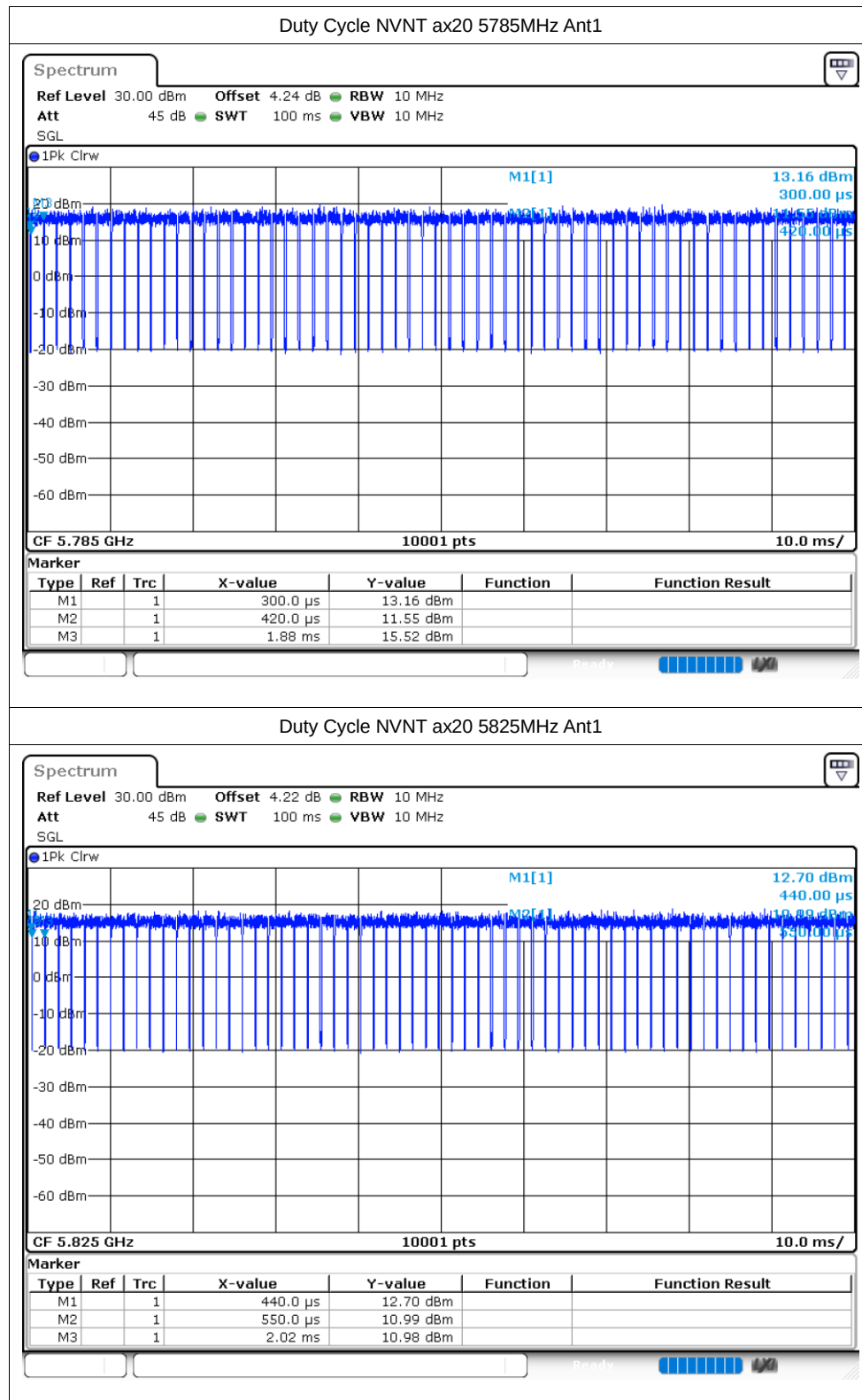


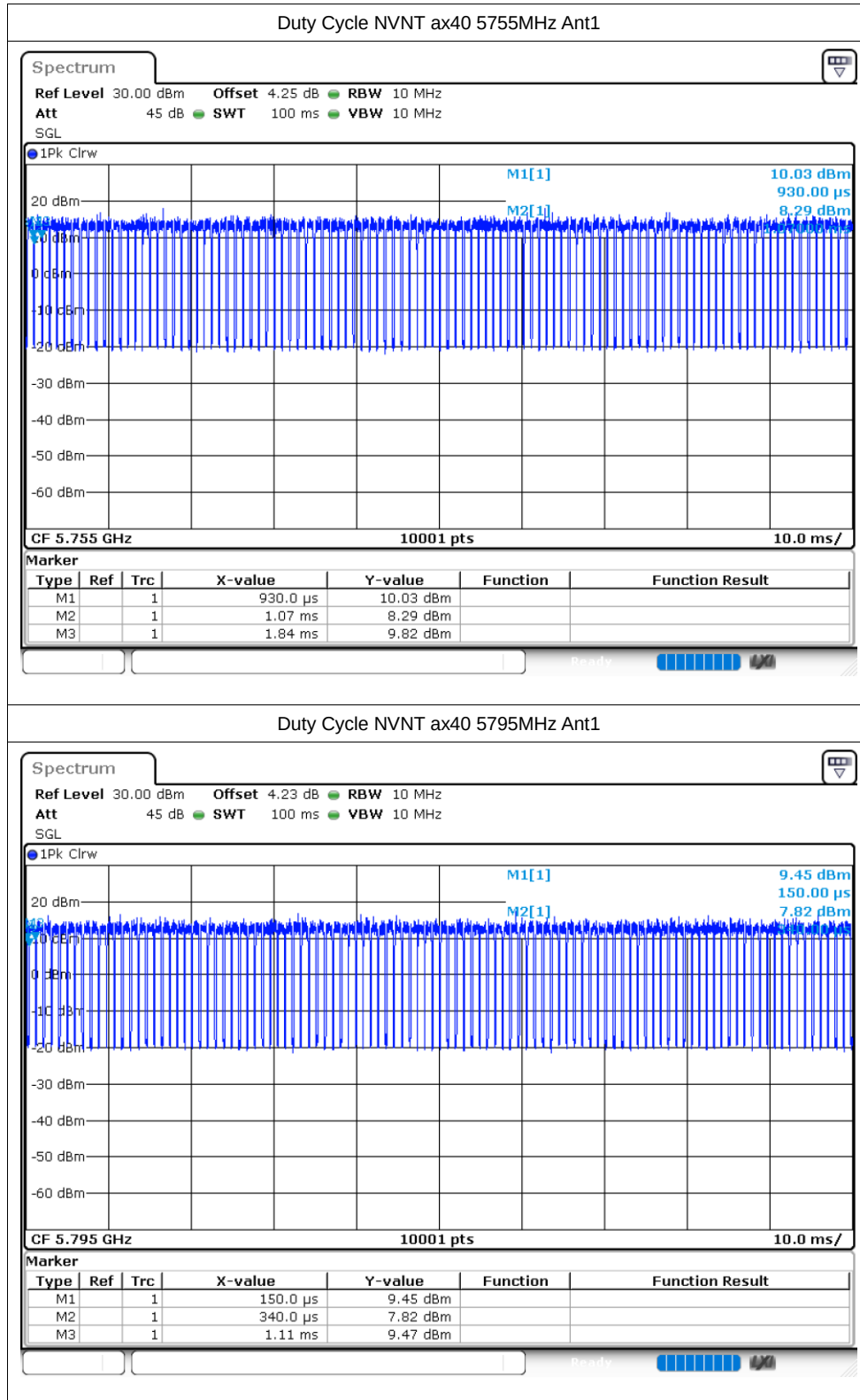
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.47 ms	15.69 dBm		
M2		1	1.64 ms	11.53 dBm		
M3		1	3.54 ms	14.54 dBm		









Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	12.82	30	Pass
NVNT	a	5785	Ant1	12.42	30	Pass
NVNT	a	5825	Ant1	12.17	30	Pass
NVNT	n20	5745	Ant1	12.36	30	Pass
NVNT	n20	5785	Ant1	12.42	30	Pass
NVNT	n20	5825	Ant1	12.28	30	Pass
NVNT	n40	5755	Ant1	12.69	30	Pass
NVNT	n40	5795	Ant1	12.77	30	Pass
NVNT	ac20	5745	Ant1	12.77	30	Pass
NVNT	ac20	5785	Ant1	12.41	30	Pass
NVNT	ac20	5825	Ant1	12.1	30	Pass
NVNT	ac40	5755	Ant1	12.91	30	Pass
NVNT	ac40	5795	Ant1	12.41	30	Pass
NVNT	ax20	5745	Ant1	12.69	30	Pass
NVNT	ax20	5785	Ant1	12.68	30	Pass
NVNT	ax20	5825	Ant1	12.27	30	Pass
NVNT	ax40	5755	Ant1	12.54	30	Pass
NVNT	ax40	5795	Ant1	12.43	30	Pass

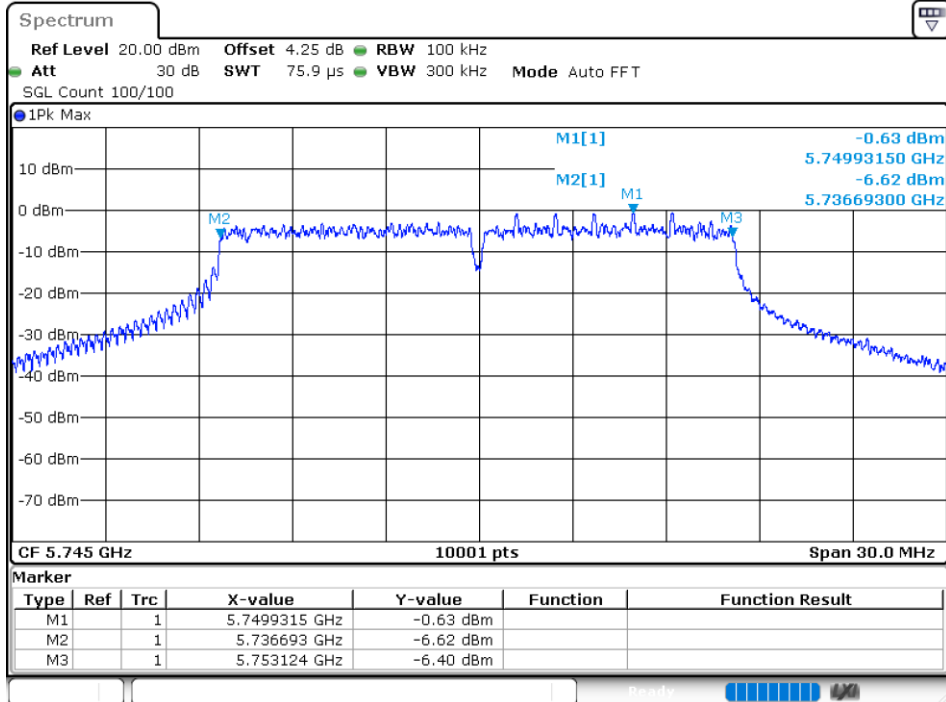
Note: The average power value already includes the duty cycle factor

-6dB Bandwidth

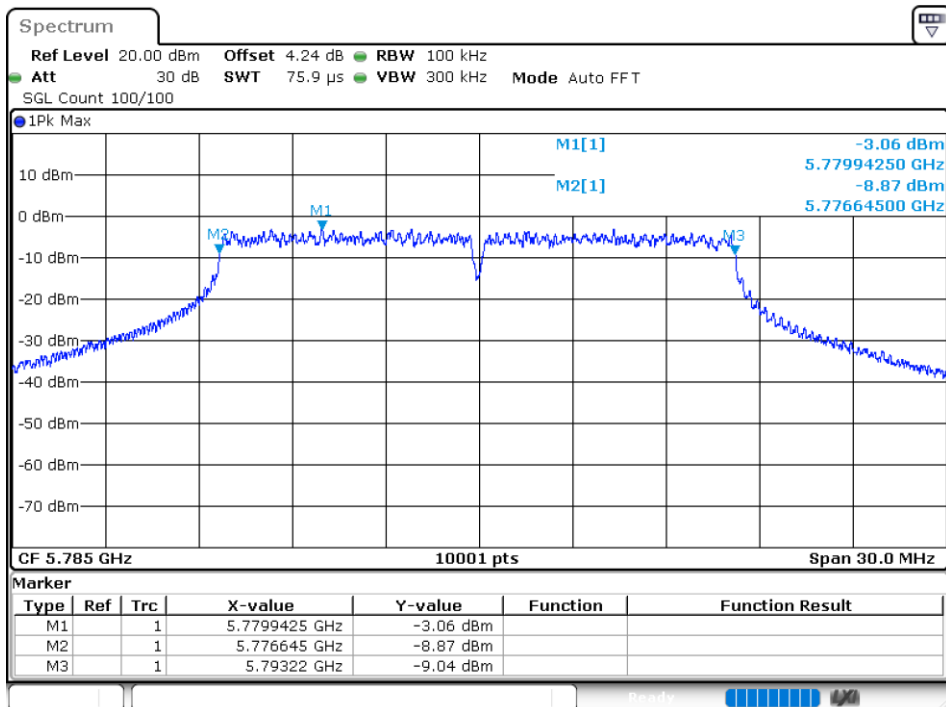
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.431	0.5	Pass
NVNT	a	5785	Ant1	16.575	0.5	Pass
NVNT	a	5825	Ant1	16.548	0.5	Pass
NVNT	n20	5745	Ant1	17.775	0.5	Pass
NVNT	n20	5785	Ant1	17.814	0.5	Pass
NVNT	n20	5825	Ant1	17.595	0.5	Pass
NVNT	n40	5755	Ant1	36.438	0.5	Pass
NVNT	n40	5795	Ant1	36.324	0.5	Pass
NVNT	ac20	5745	Ant1	17.739	0.5	Pass
NVNT	ac20	5785	Ant1	17.796	0.5	Pass
NVNT	ac20	5825	Ant1	17.607	0.5	Pass
NVNT	ac40	5755	Ant1	36.444	0.5	Pass
NVNT	ac40	5795	Ant1	36.336	0.5	Pass
NVNT	ax20	5745	Ant1	19.164	0.5	Pass
NVNT	ax20	5785	Ant1	18.846	0.5	Pass
NVNT	ax20	5825	Ant1	19.047	0.5	Pass
NVNT	ax40	5755	Ant1	37.992	0.5	Pass
NVNT	ax40	5795	Ant1	38.082	0.5	Pass

Test Graphs

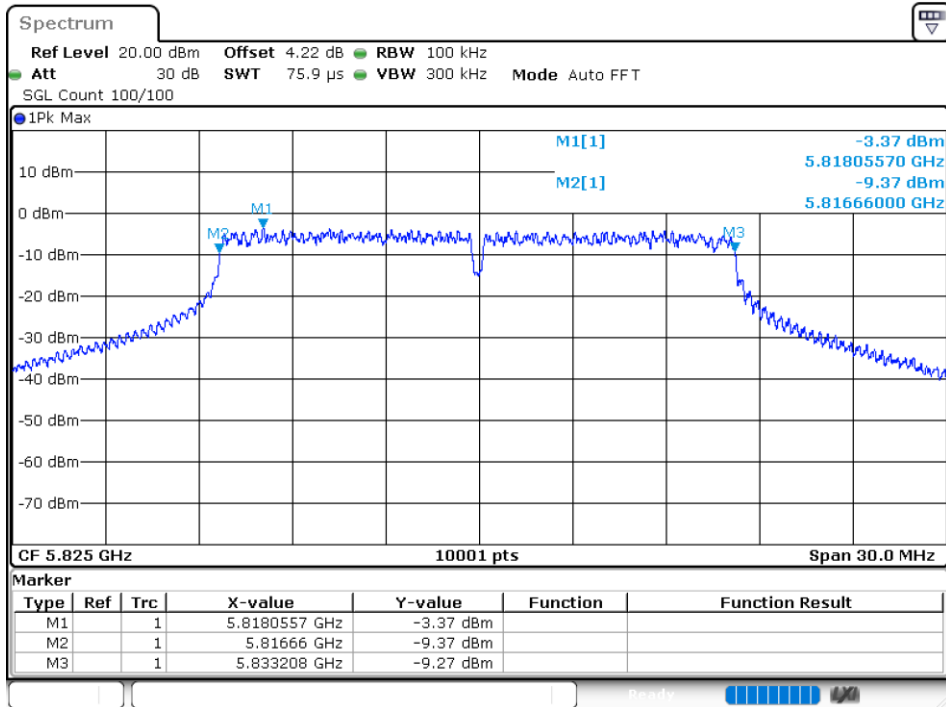
-6dB Bandwidth NVNT a 5745MHz Ant1



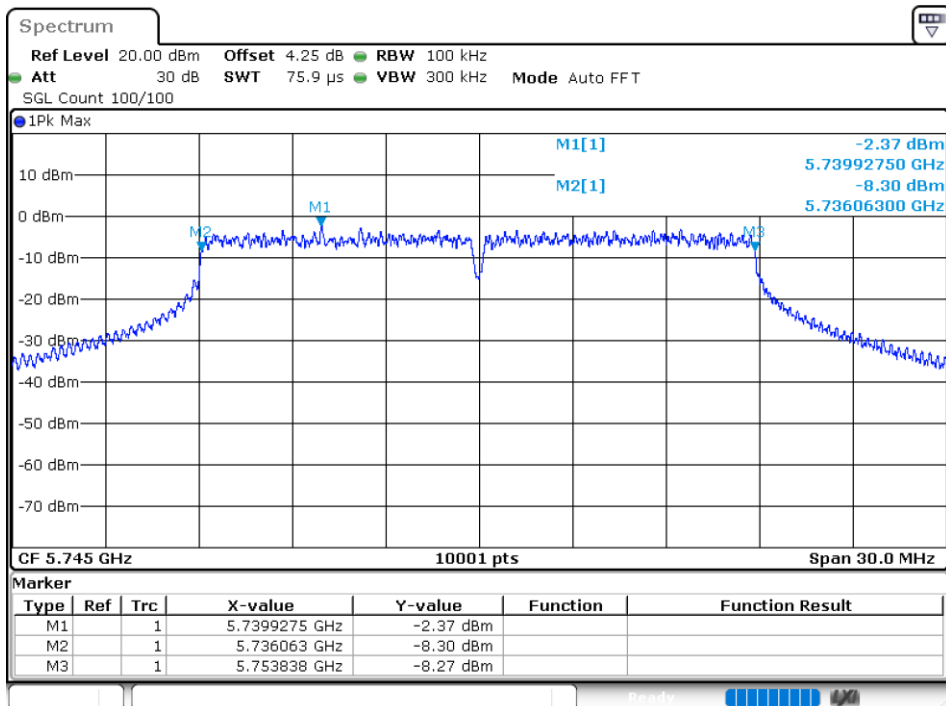
-6dB Bandwidth NVNT a 5785MHz Ant1

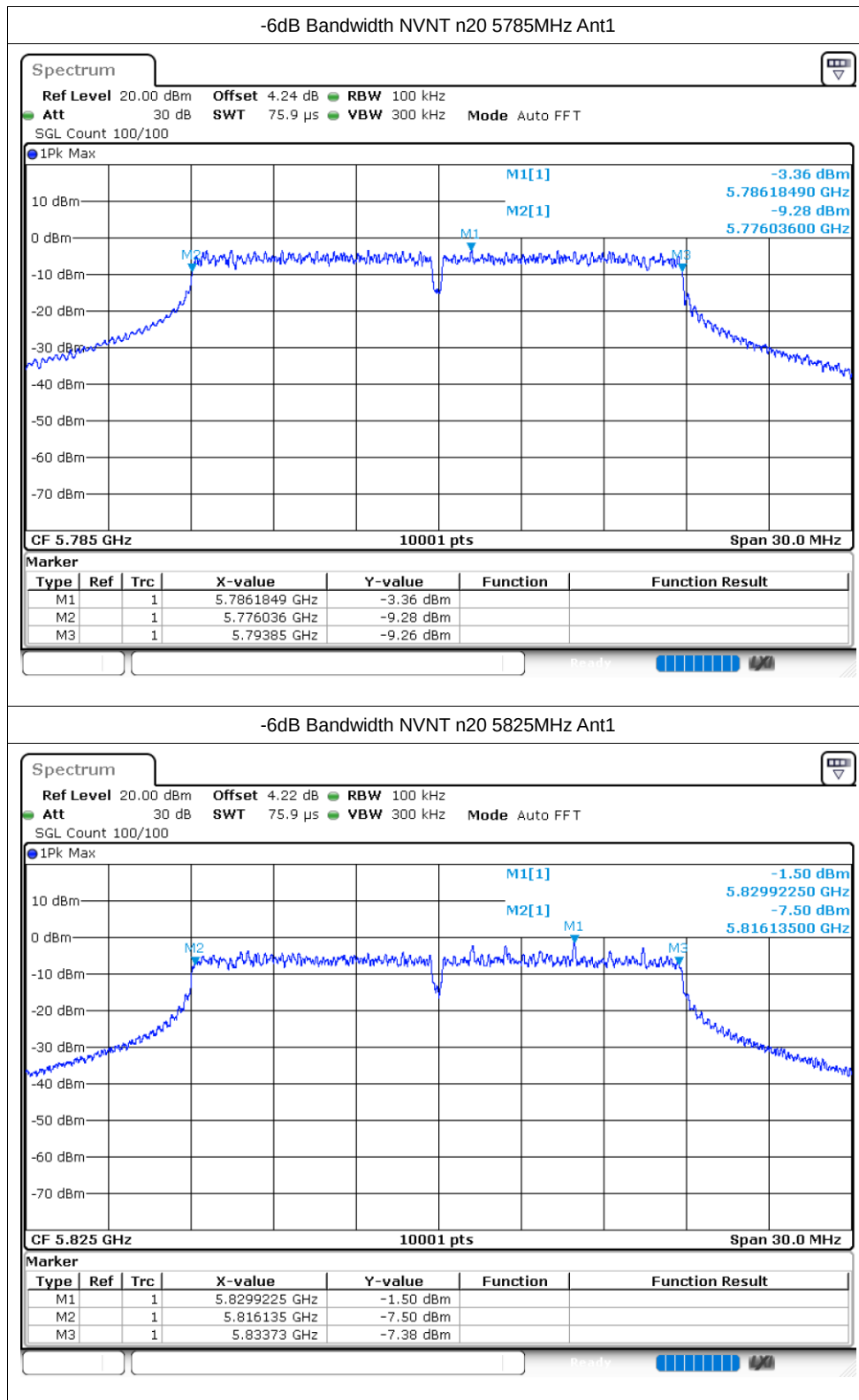


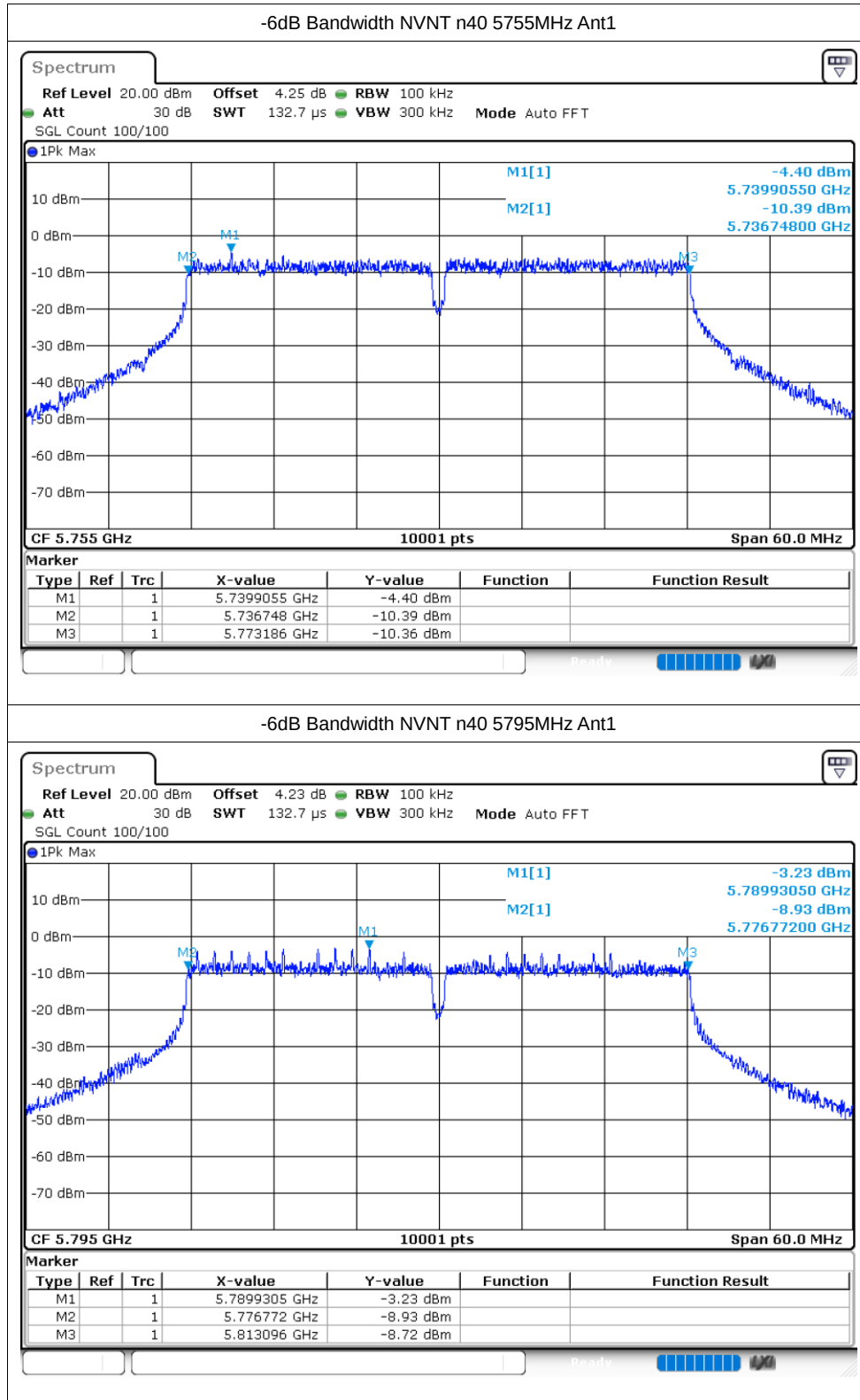
-6dB Bandwidth NVNT a 5825MHz Ant1

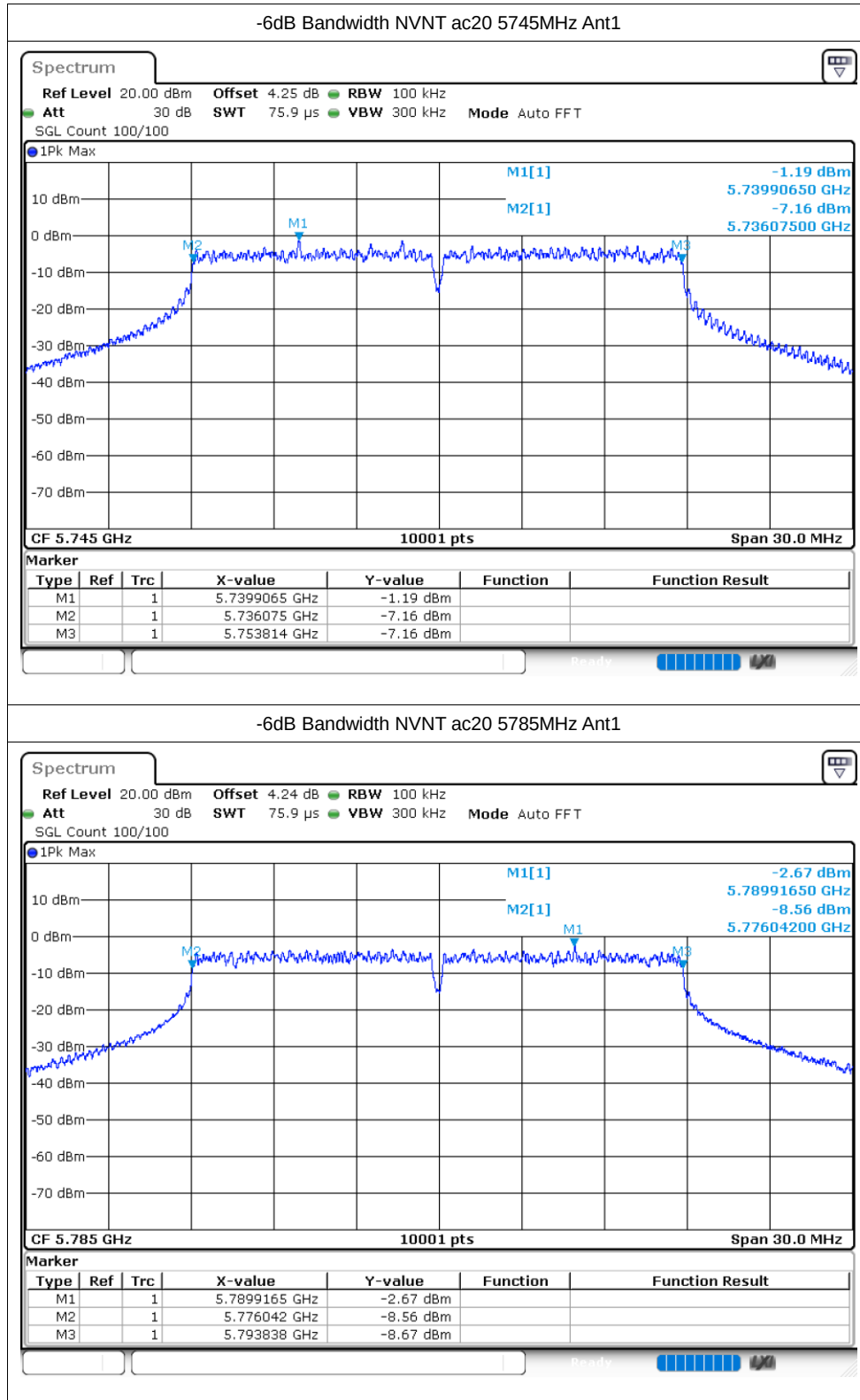


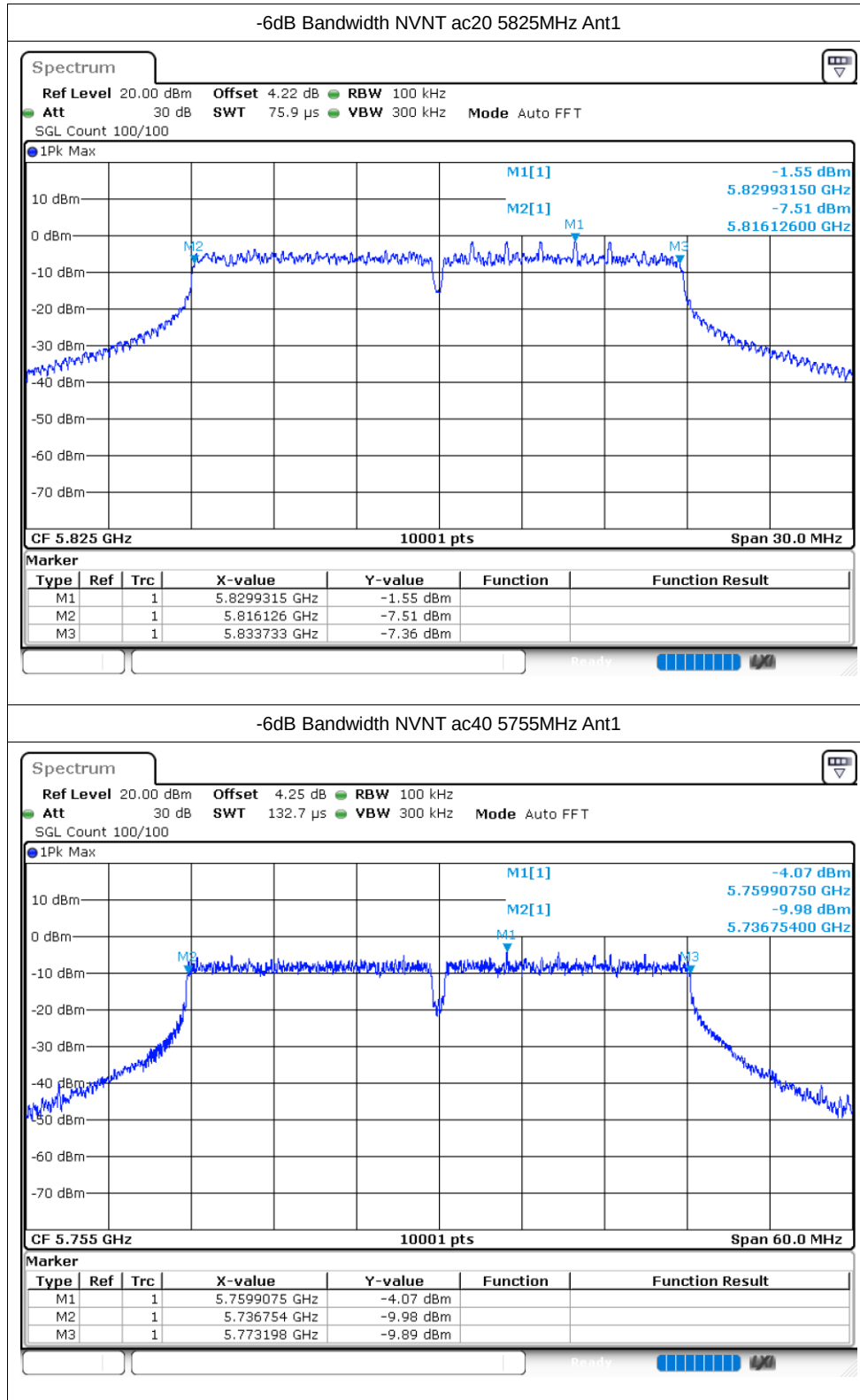
-6dB Bandwidth NVNT n20 5745MHz Ant1

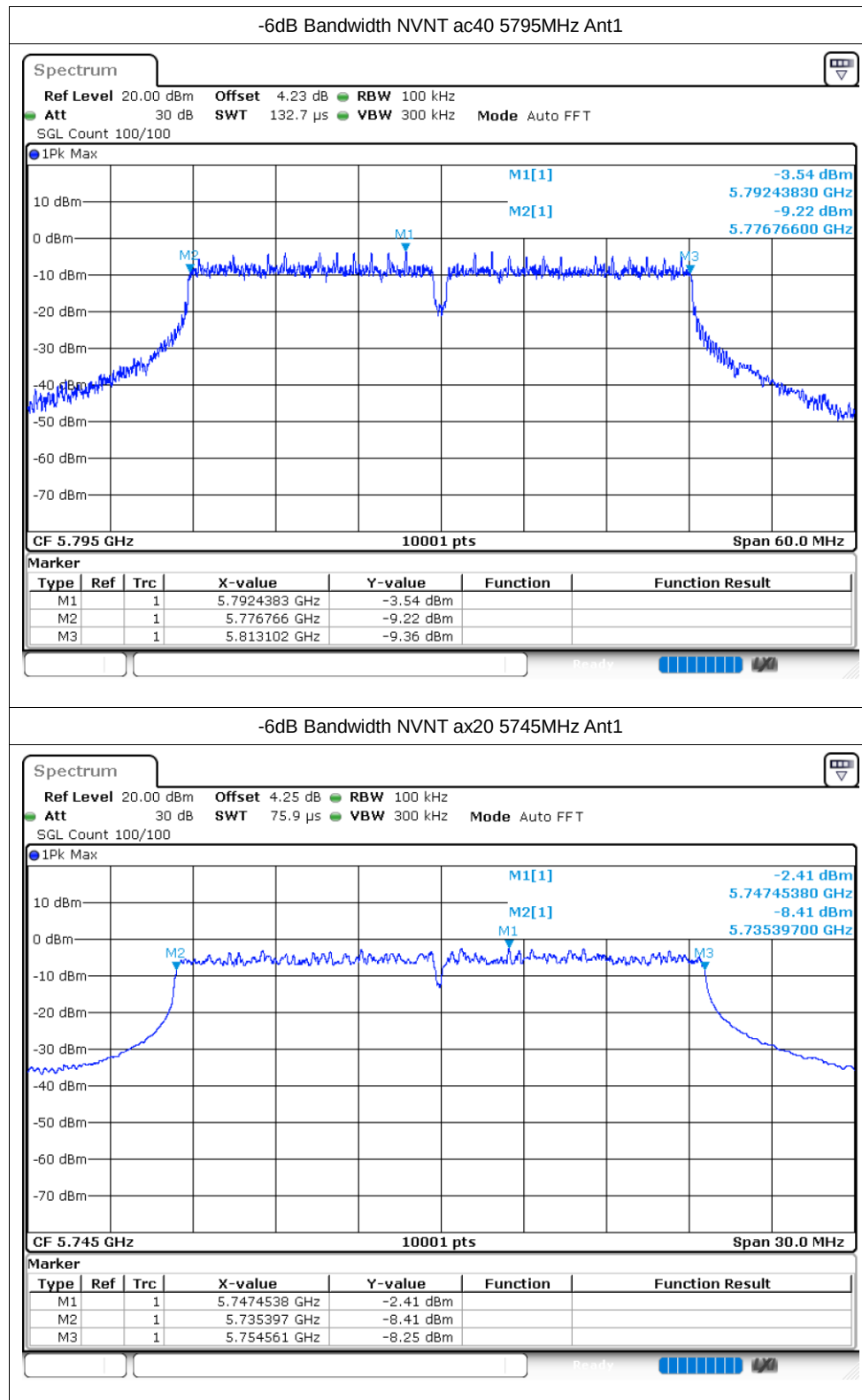


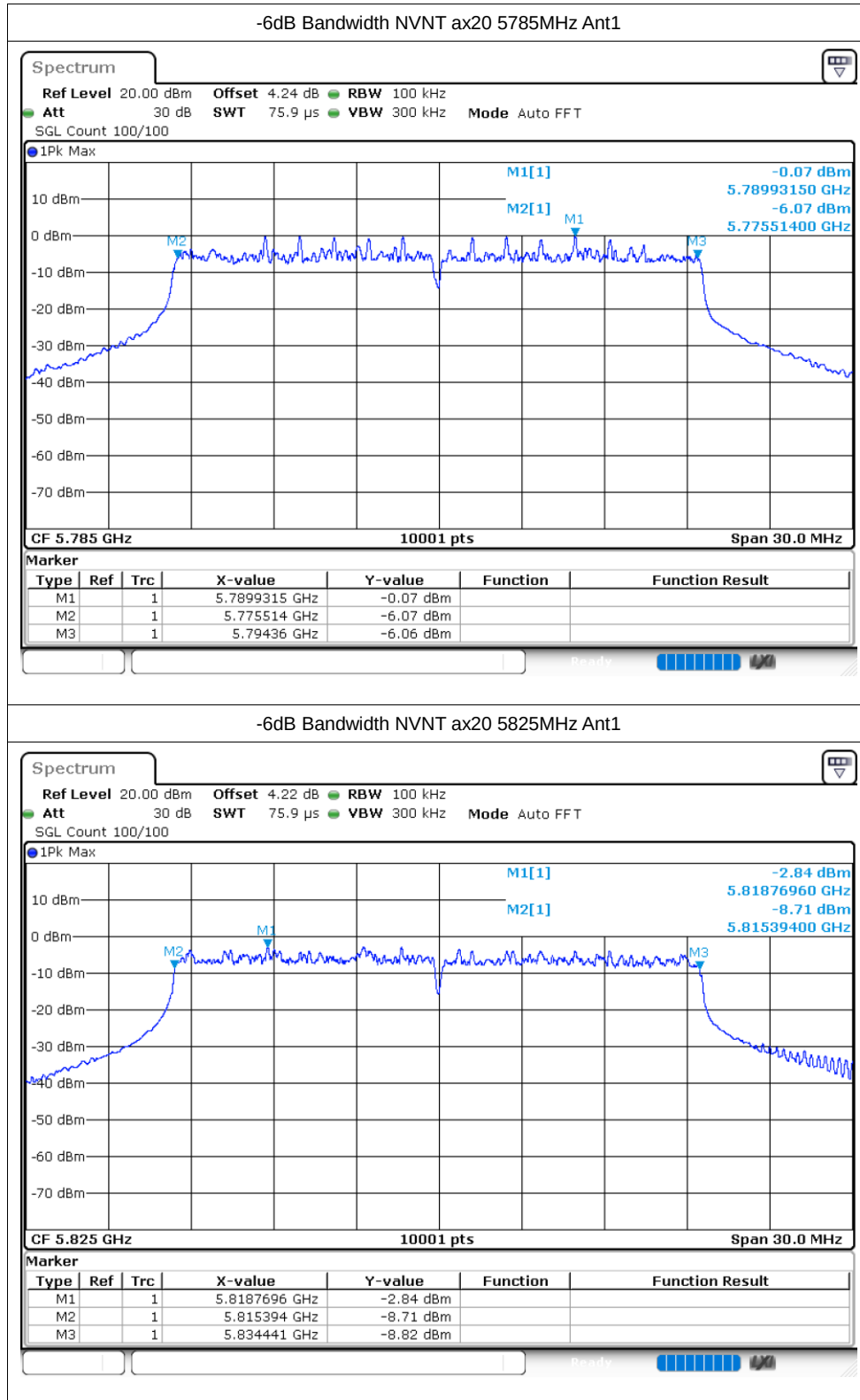


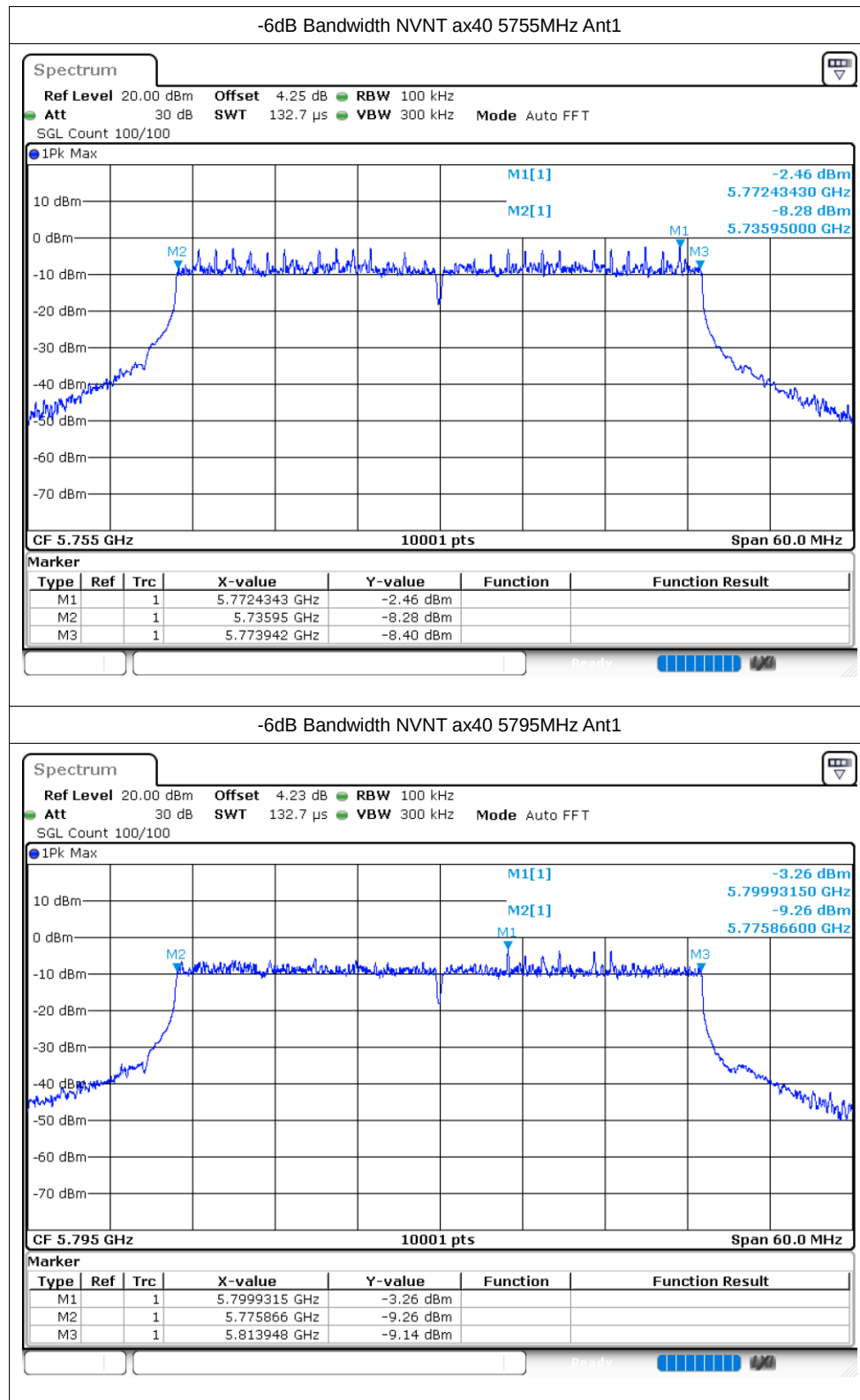












Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.747
NVNT	a	5785	Ant1	16.594
NVNT	a	5825	Ant1	17.101
NVNT	n20	5745	Ant1	18.052
NVNT	n20	5785	Ant1	17.947
NVNT	n20	5825	Ant1	17.875
NVNT	n40	5755	Ant1	36.788
NVNT	n40	5795	Ant1	36.818
NVNT	ac20	5745	Ant1	18.22
NVNT	ac20	5785	Ant1	17.896
NVNT	ac20	5825	Ant1	18.055
NVNT	ac40	5755	Ant1	36.782
NVNT	ac40	5795	Ant1	36.794
NVNT	ax20	5745	Ant1	19.258
NVNT	ax20	5785	Ant1	19.048
NVNT	ax20	5825	Ant1	19.069
NVNT	ax40	5755	Ant1	38.06
NVNT	ax40	5795	Ant1	38.096