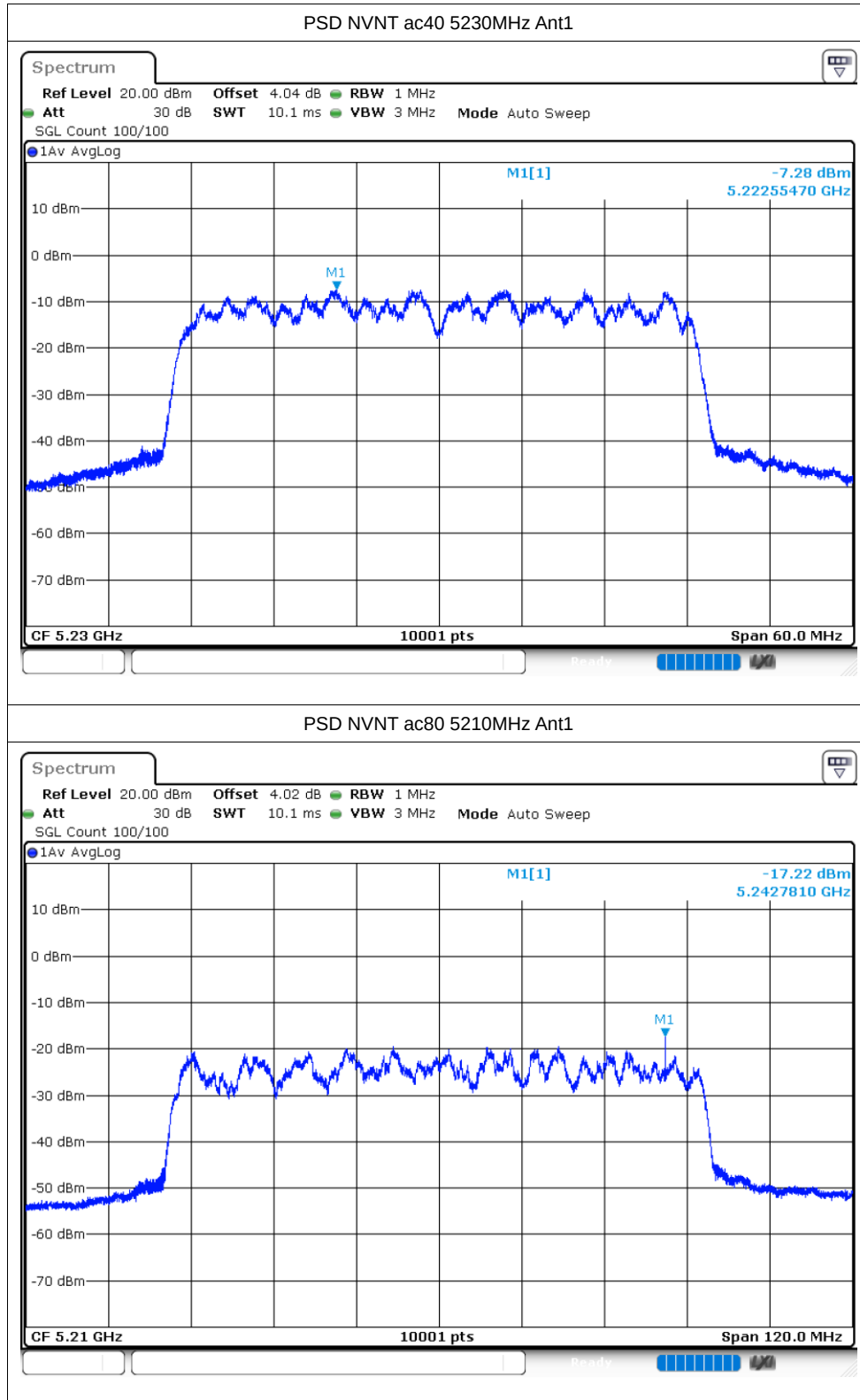
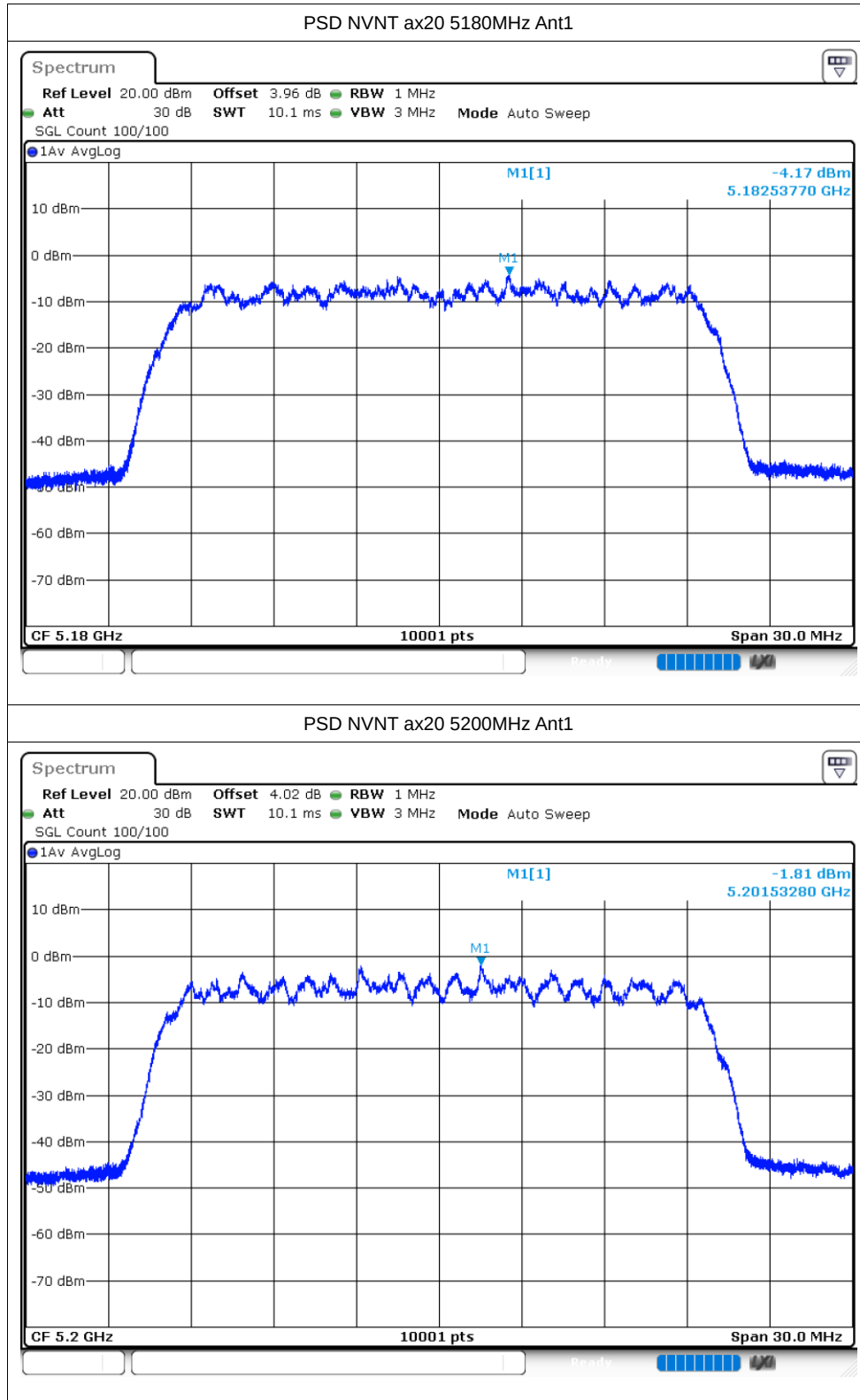
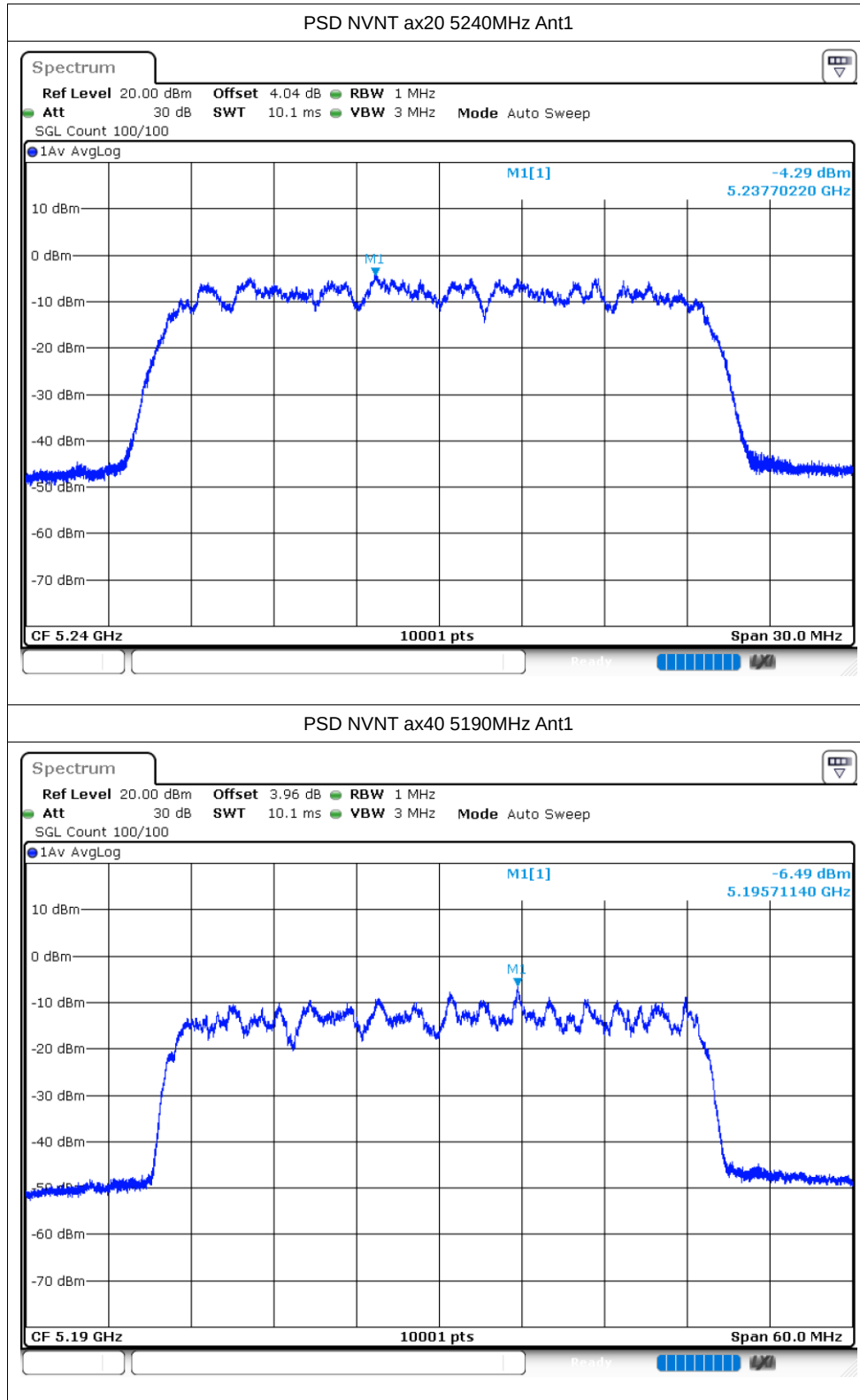
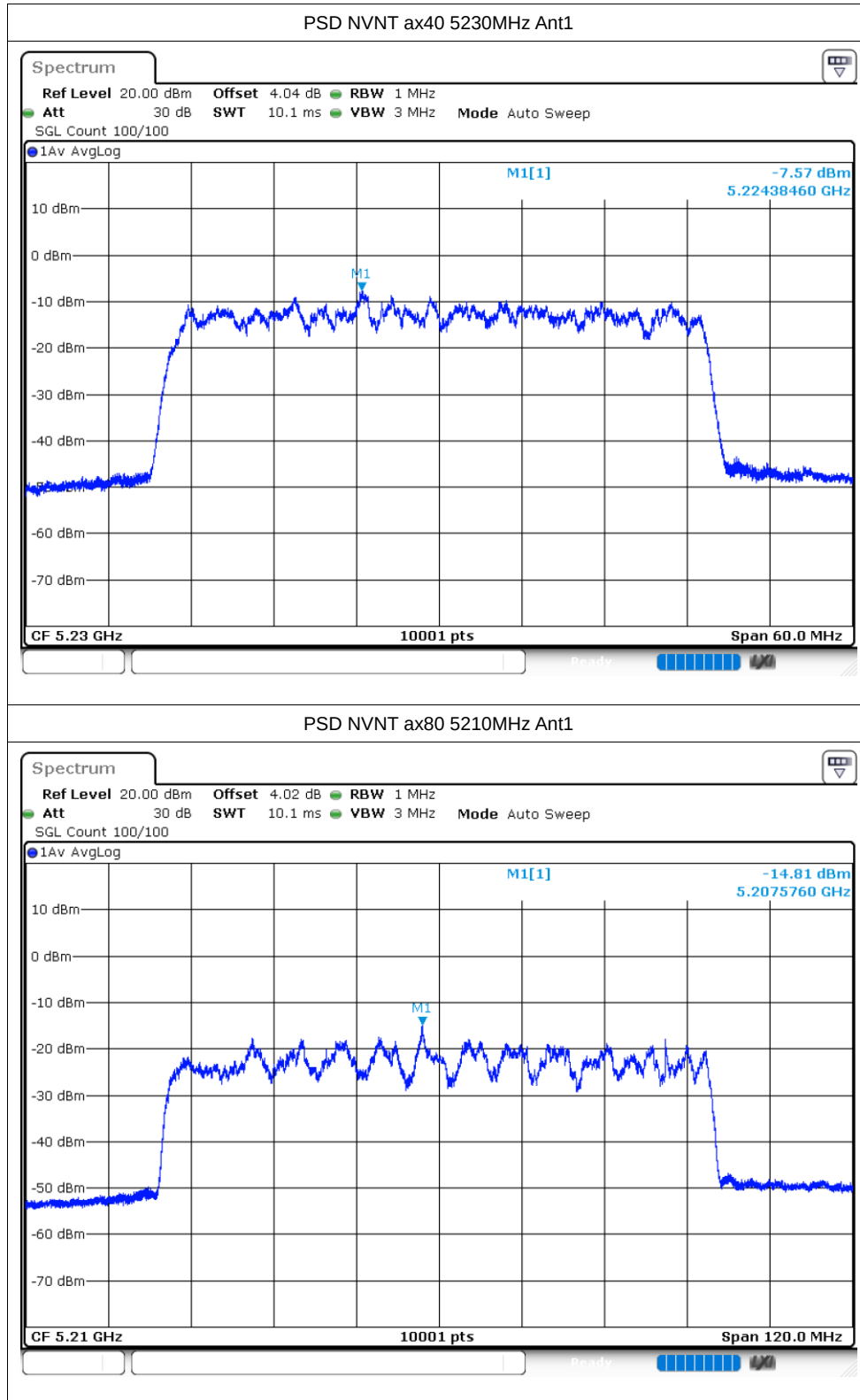








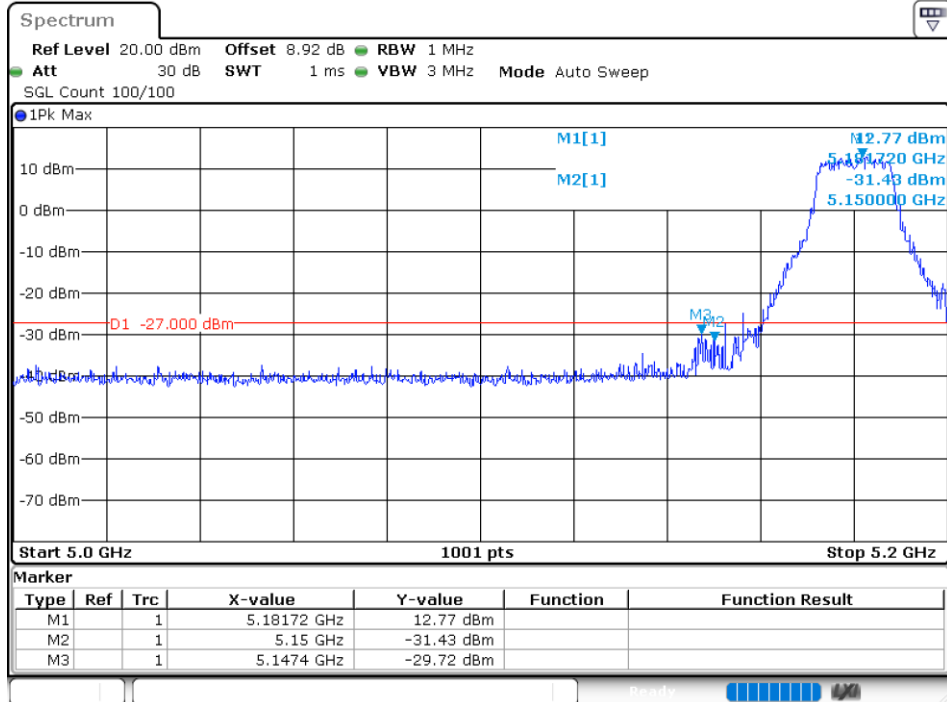


Band Edge

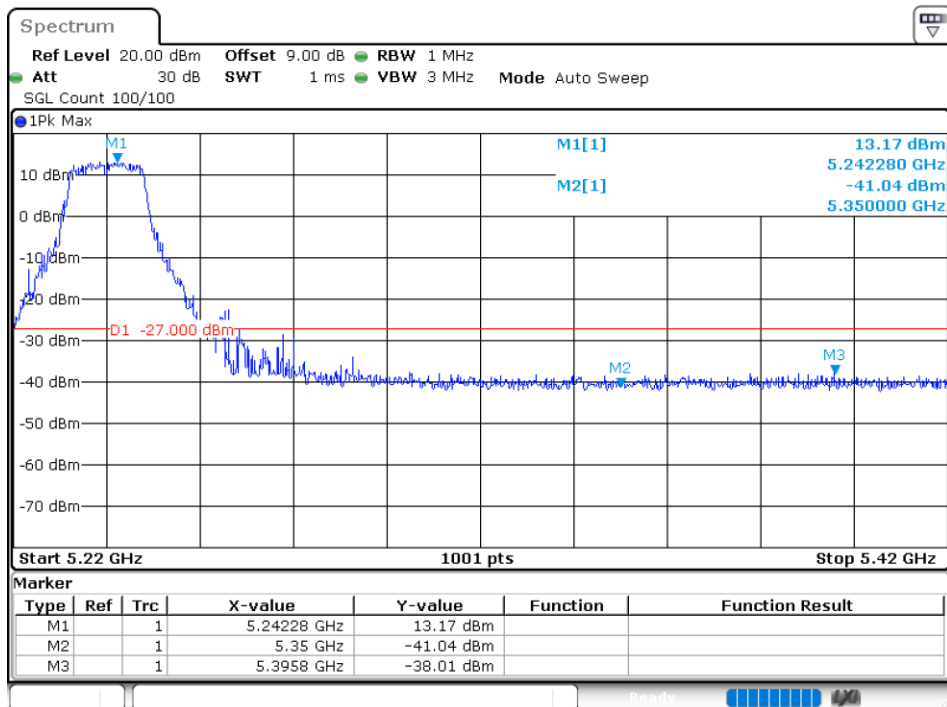
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-29.72	-27	Pass
NVNT	a	5240	Ant1	-38.01	-27	Pass
NVNT	n20	5180	Ant1	-31.46	-27	Pass
NVNT	n20	5240	Ant1	-37.37	-27	Pass
NVNT	n40	5190	Ant1	-28.95	-27	Pass
NVNT	n40	5230	Ant1	-37.54	-27	Pass
NVNT	ac20	5180	Ant1	-33.11	-27	Pass
NVNT	ac20	5240	Ant1	-37.12	-27	Pass
NVNT	ac40	5190	Ant1	-27.74	-27	Pass
NVNT	ac40	5230	Ant1	-37.25	-27	Pass
NVNT	ac80	5210	Ant1	-38.48	-27	Pass
NVNT	ac80	5210	Ant1	-32.45	-27	Pass
NVNT	ax20	5180	Ant1	-29.89	-27	Pass
NVNT	ax20	5240	Ant1	-37.38	-27	Pass
NVNT	ax40	5190	Ant1	-28.44	-27	Pass
NVNT	ax40	5230	Ant1	-37.81	-27	Pass
NVNT	ax80	5210	Ant1	-37.39	-27	Pass
NVNT	ax80	5210	Ant1	-27.48	-27	Pass

Test Graphs

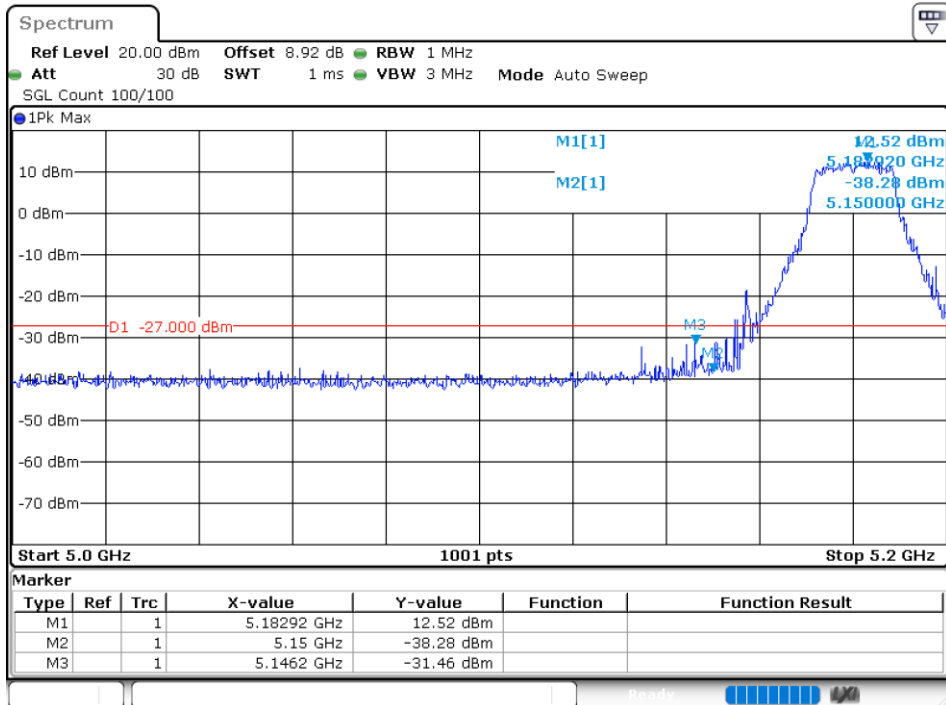
Band Edge NVNT a 5180MHz Low Ant1



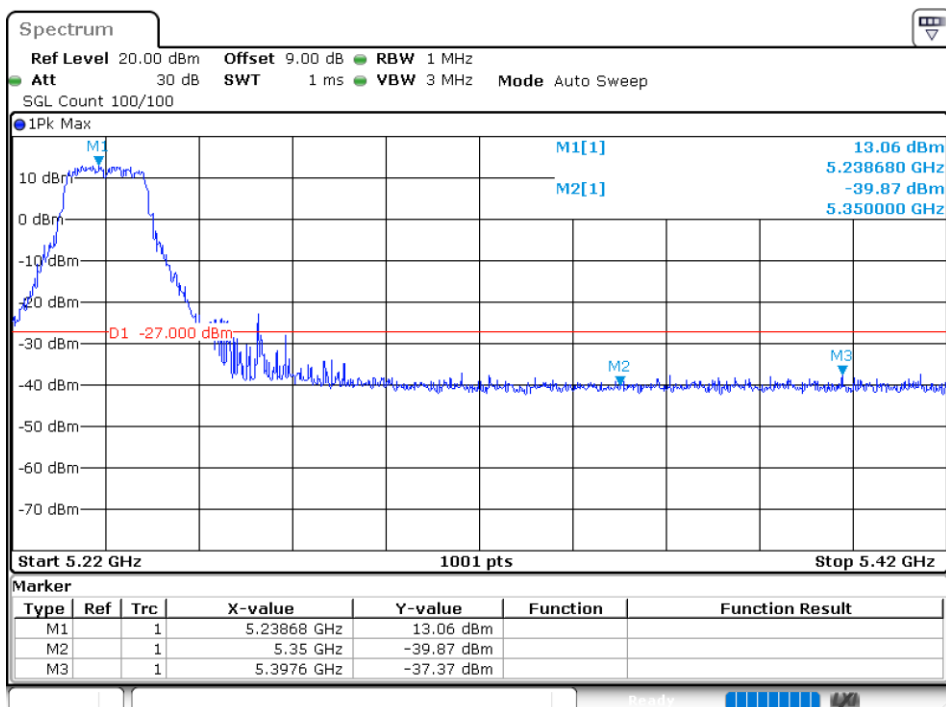
Band Edge NVNT a 5240MHz High Ant1



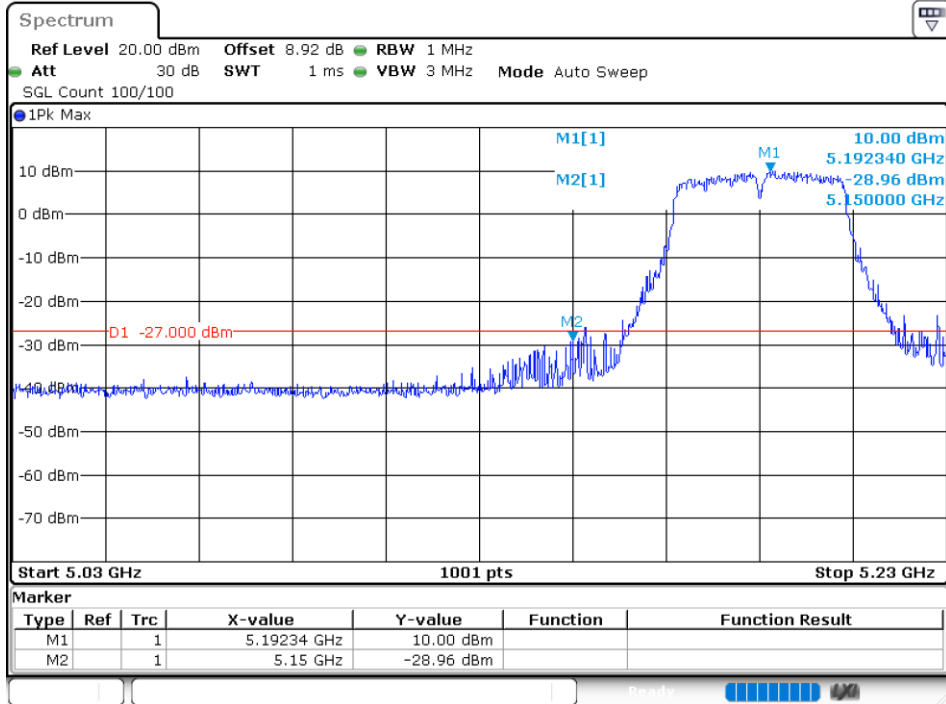
Band Edge NVNT n20 5180MHz Low Ant1



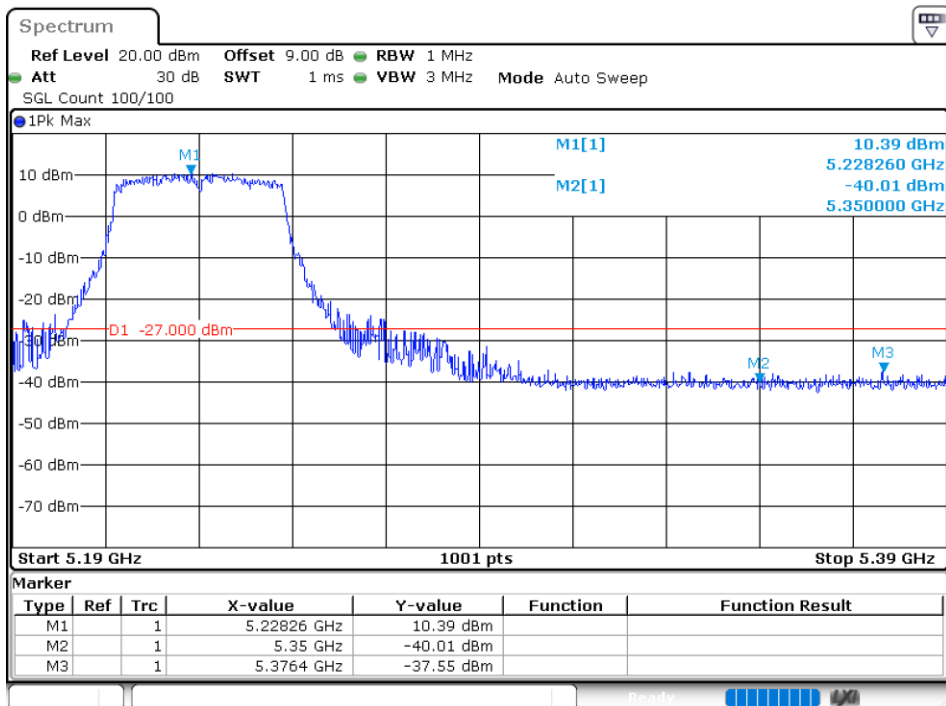
Band Edge NVNT n20 5240MHz High Ant1

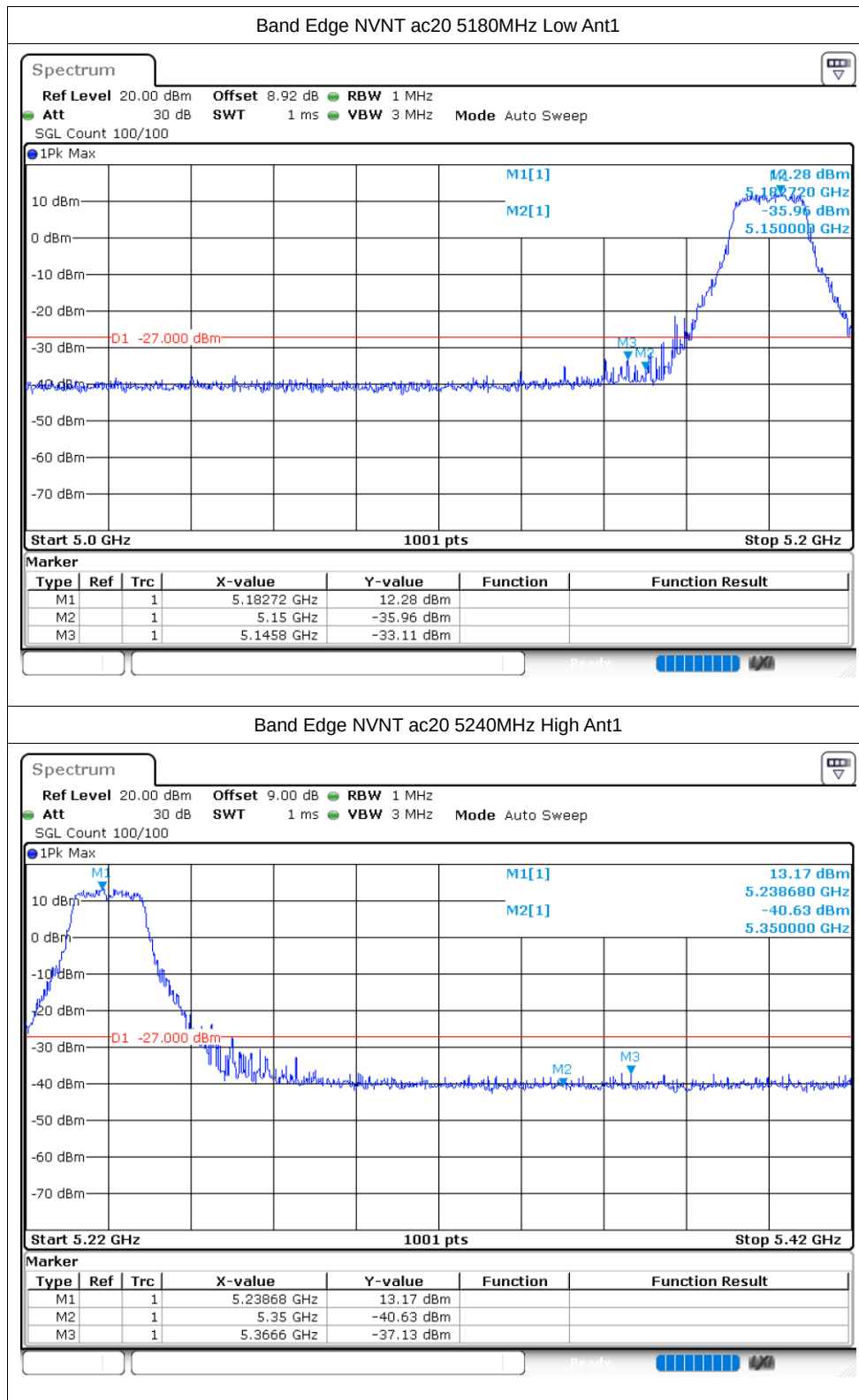


Band Edge NVNT n40 5190MHz Low Ant1

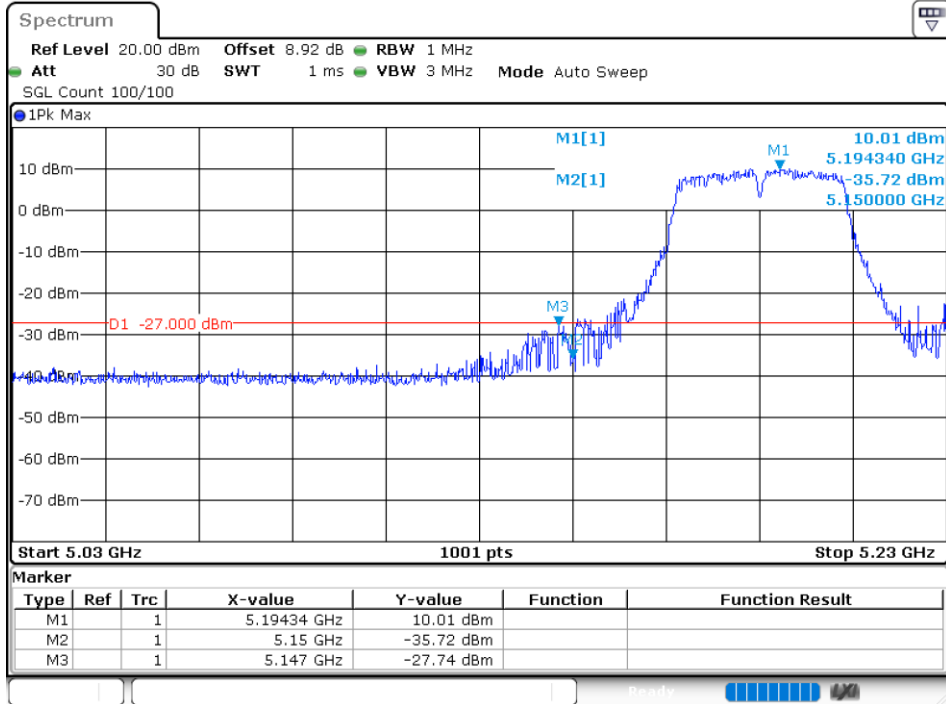


Band Edge NVNT n40 5230MHz High Ant1

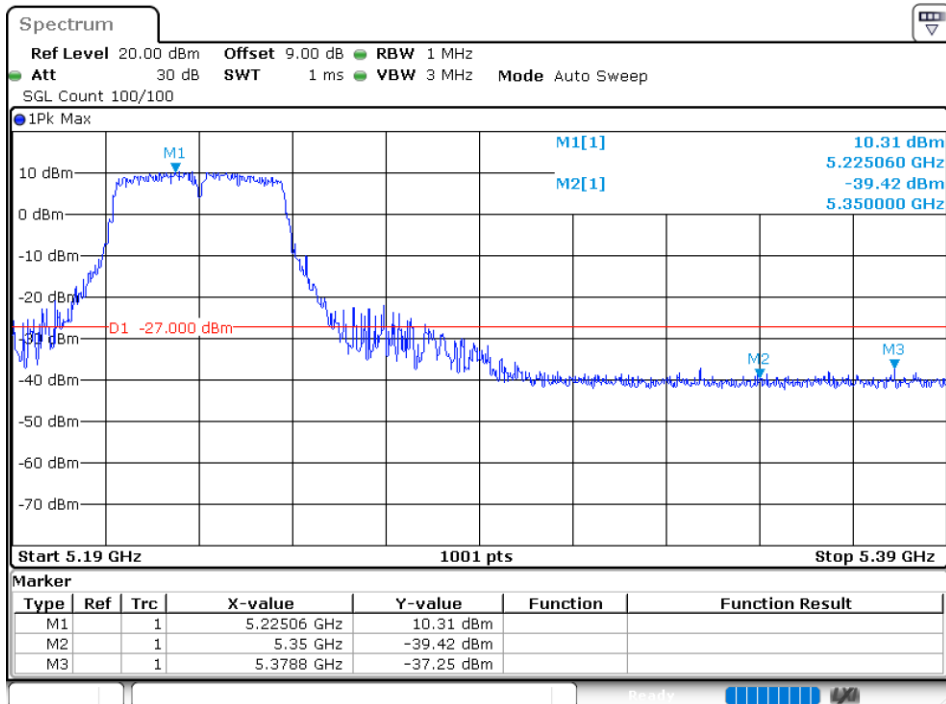




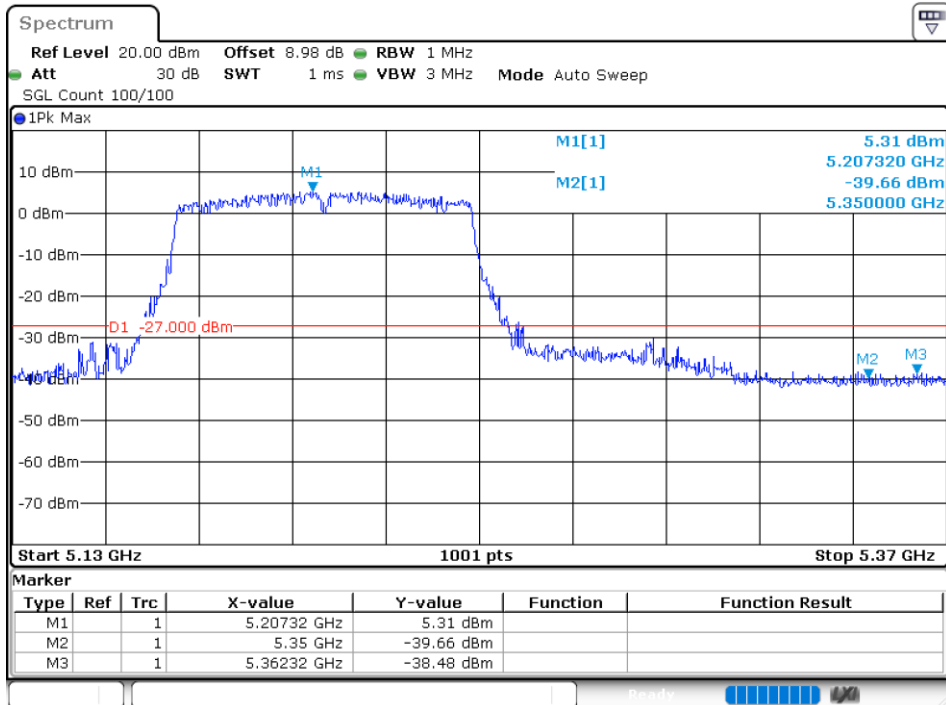
Band Edge NVNT ac40 5190MHz Low Ant1



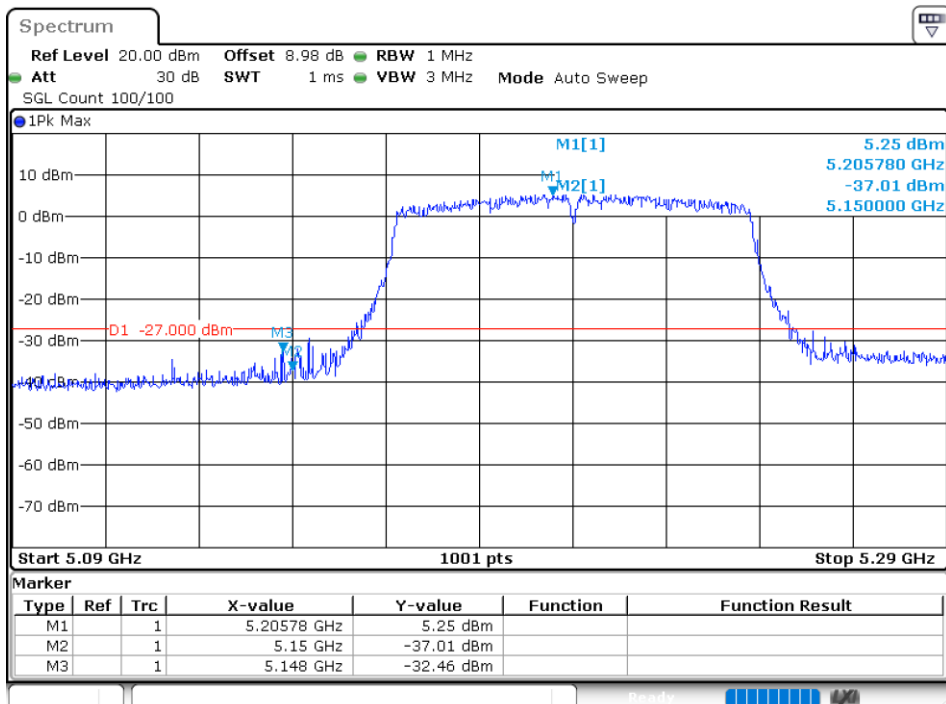
Band Edge NVNT ac40 5230MHz High Ant1

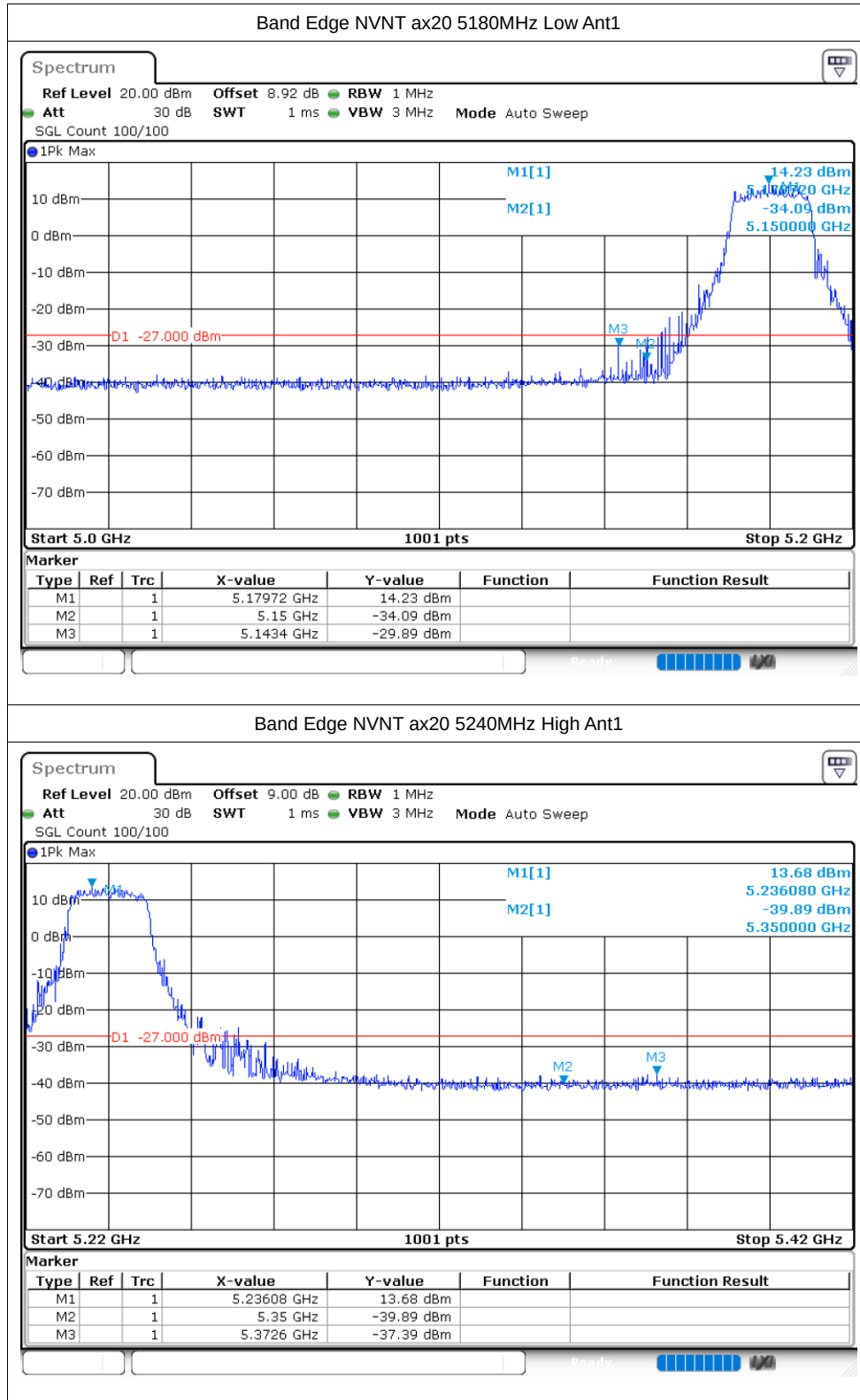


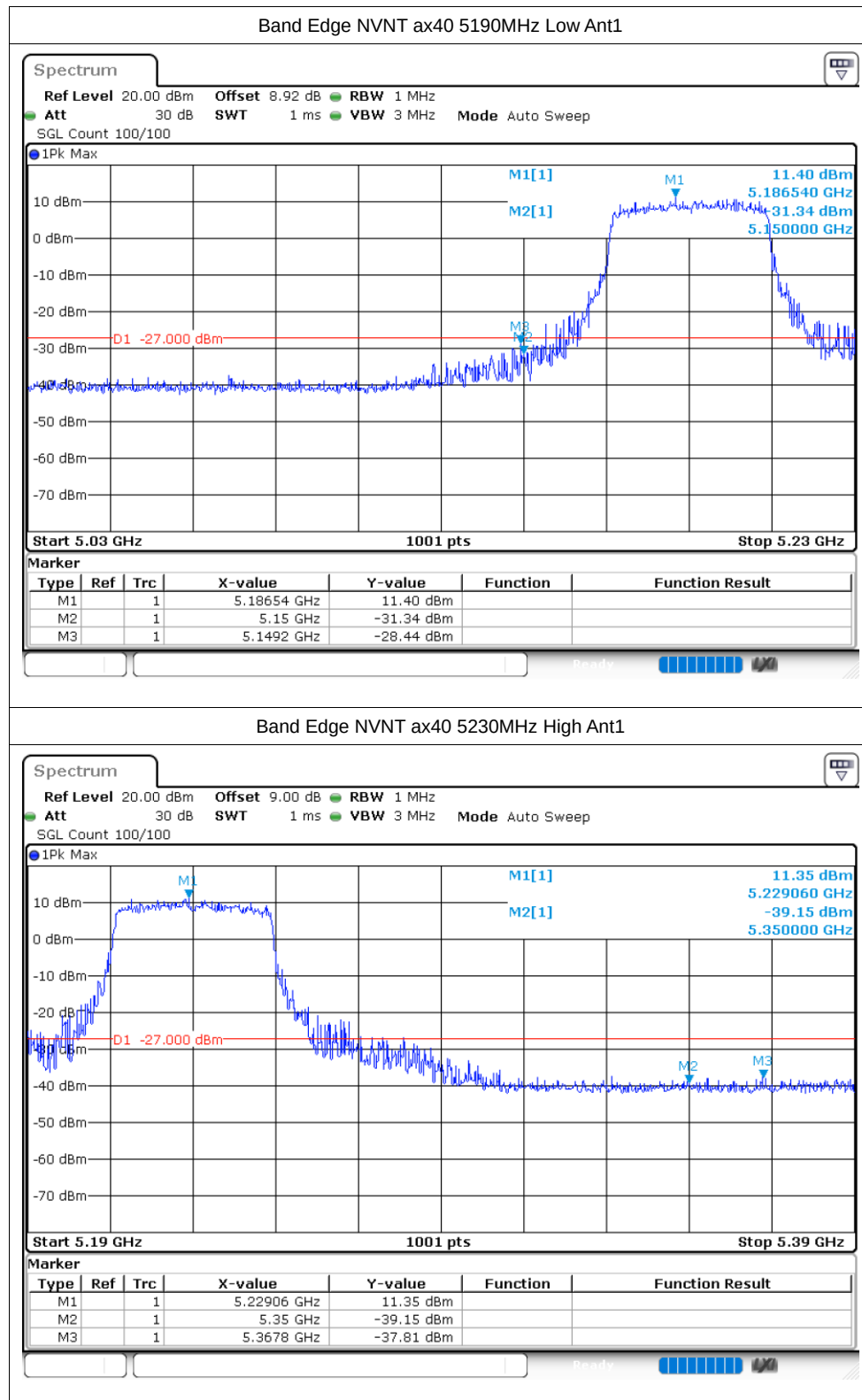
Band Edge NVNT ac80 5210MHz High Ant1



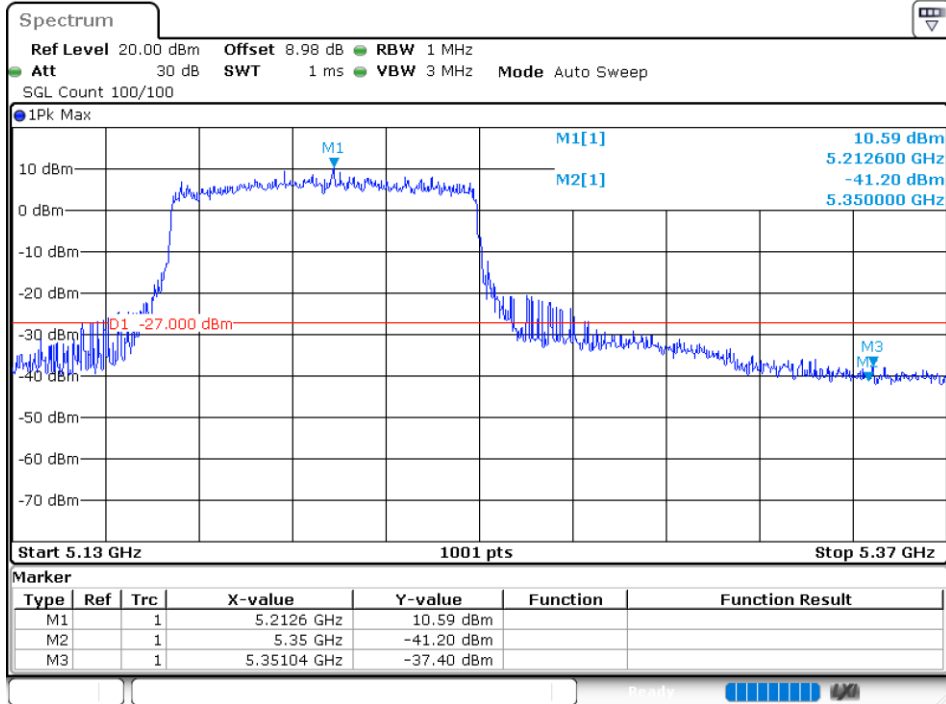
Band Edge NVNT ac80 5210MHz Low Ant1



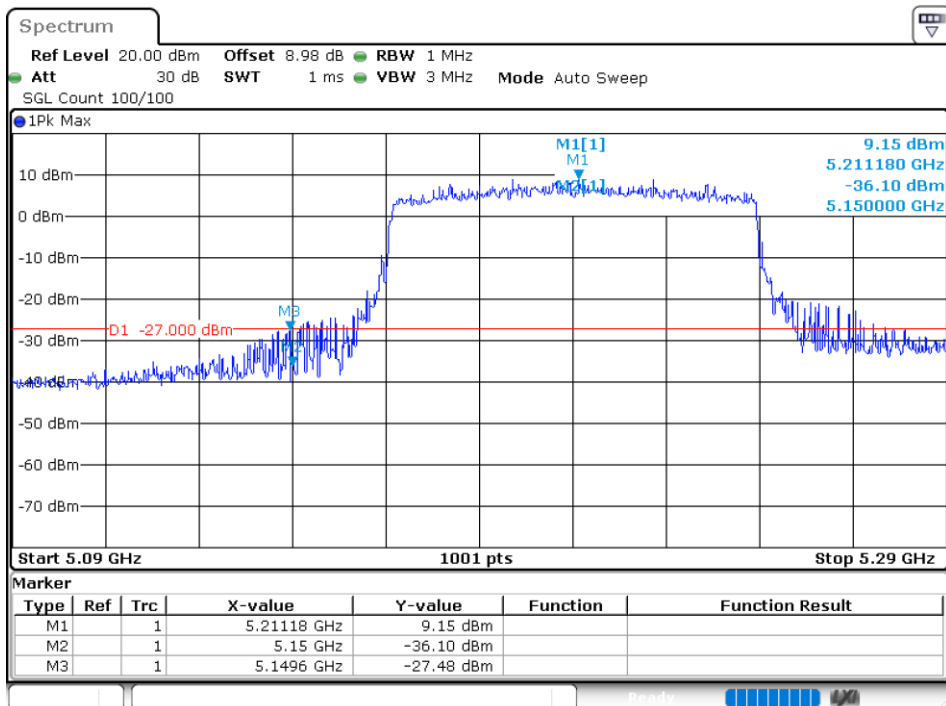




Band Edge NVNT ax80 5210MHz High Ant1



Band Edge NVNT ax80 5210MHz Low Ant1

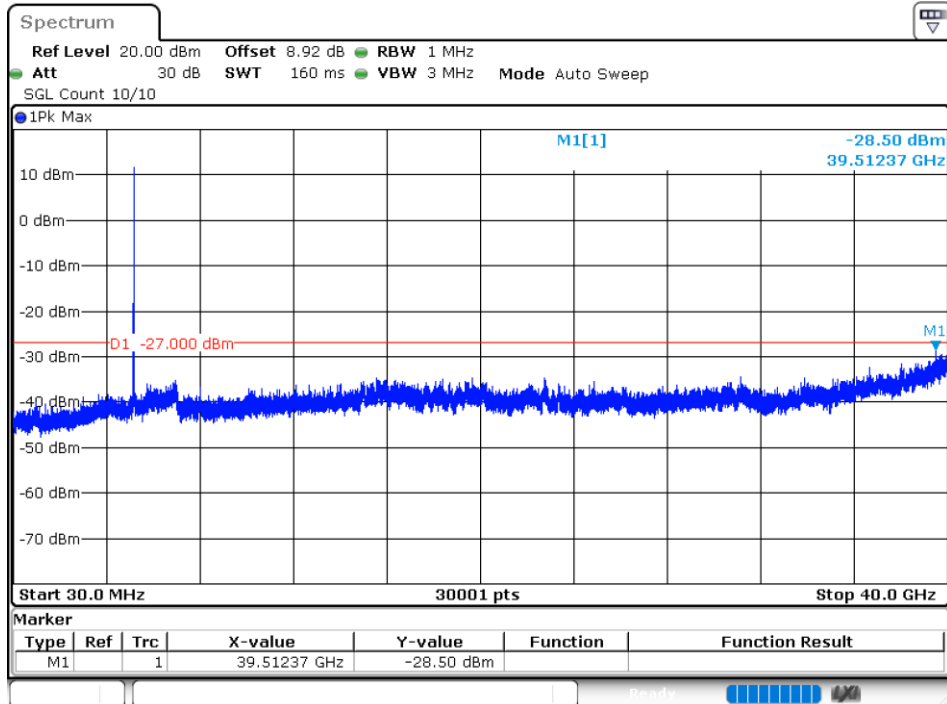


Conducted RF Spurious Emission

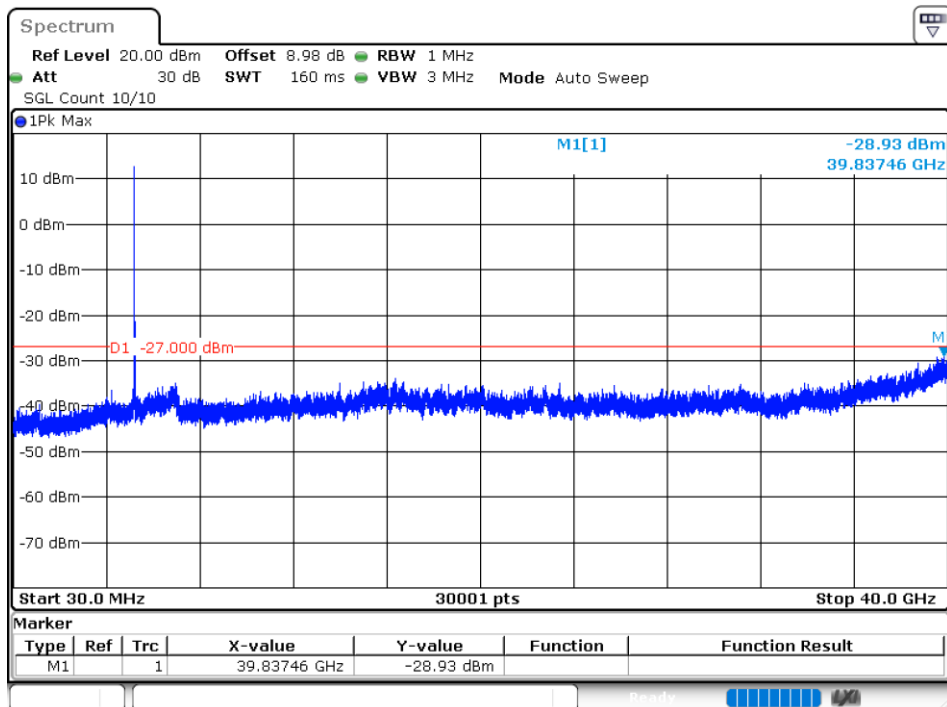
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-28.5	-27	Pass
NVNT	a	5200	Ant1	-28.93	-27	Pass
NVNT	a	5240	Ant1	-28.86	-27	Pass
NVNT	n20	5180	Ant1	-29	-27	Pass
NVNT	n20	5200	Ant1	-29.72	-27	Pass
NVNT	n20	5240	Ant1	-28.56	-27	Pass
NVNT	n40	5190	Ant1	-29.06	-27	Pass
NVNT	n40	5230	Ant1	-29.08	-27	Pass
NVNT	ac20	5180	Ant1	-29.78	-27	Pass
NVNT	ac20	5200	Ant1	-29.21	-27	Pass
NVNT	ac20	5240	Ant1	-29.58	-27	Pass
NVNT	ac40	5190	Ant1	-28.75	-27	Pass
NVNT	ac40	5230	Ant1	-29.1	-27	Pass
NVNT	ac80	5210	Ant1	-29.44	-27	Pass
NVNT	ax20	5180	Ant1	-29.18	-27	Pass
NVNT	ax20	5200	Ant1	-29.02	-27	Pass
NVNT	ax20	5240	Ant1	-28.87	-27	Pass
NVNT	ax40	5190	Ant1	-29.21	-27	Pass
NVNT	ax40	5230	Ant1	-28.34	-27	Pass
NVNT	ax80	5210	Ant1	-28.58	-27	Pass

Test Graphs

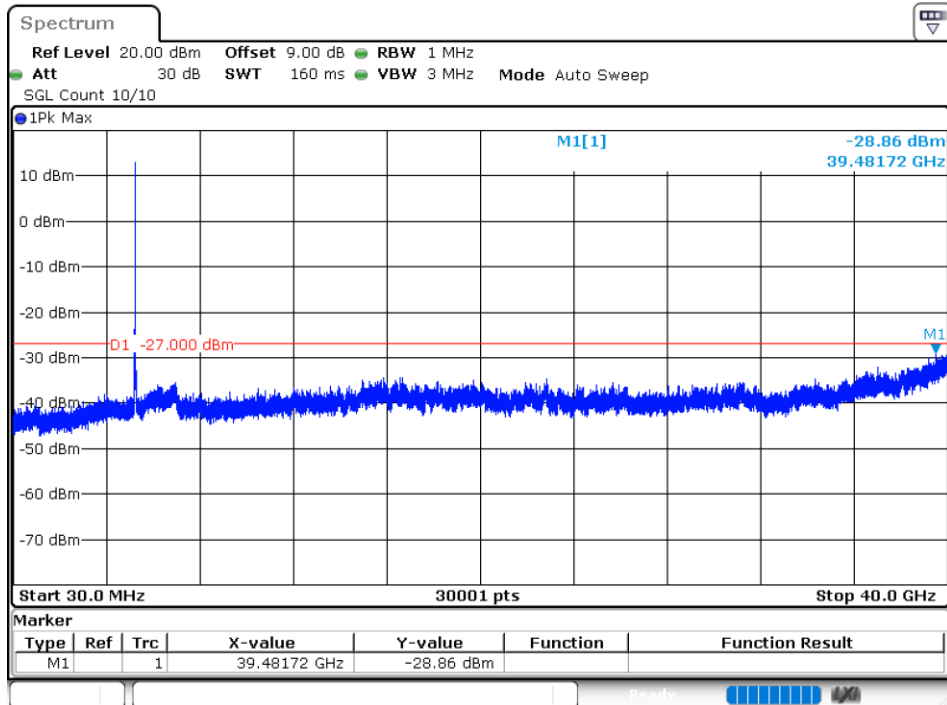
Tx. Spurious NVNT a 5180MHz Ant1 Emission



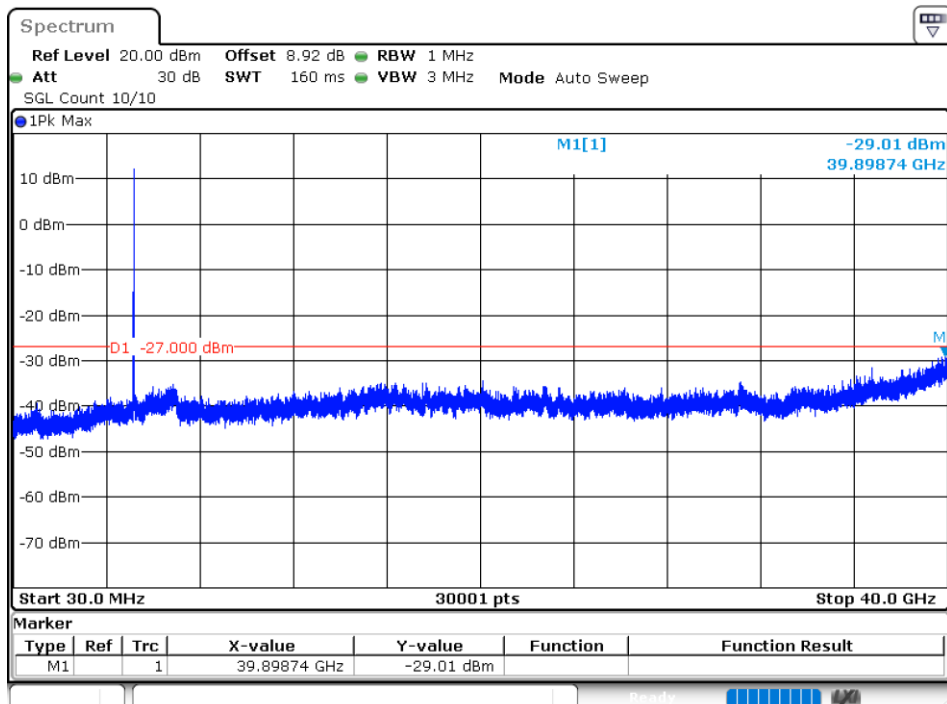
Tx. Spurious NVNT a 5200MHz Ant1 Emission



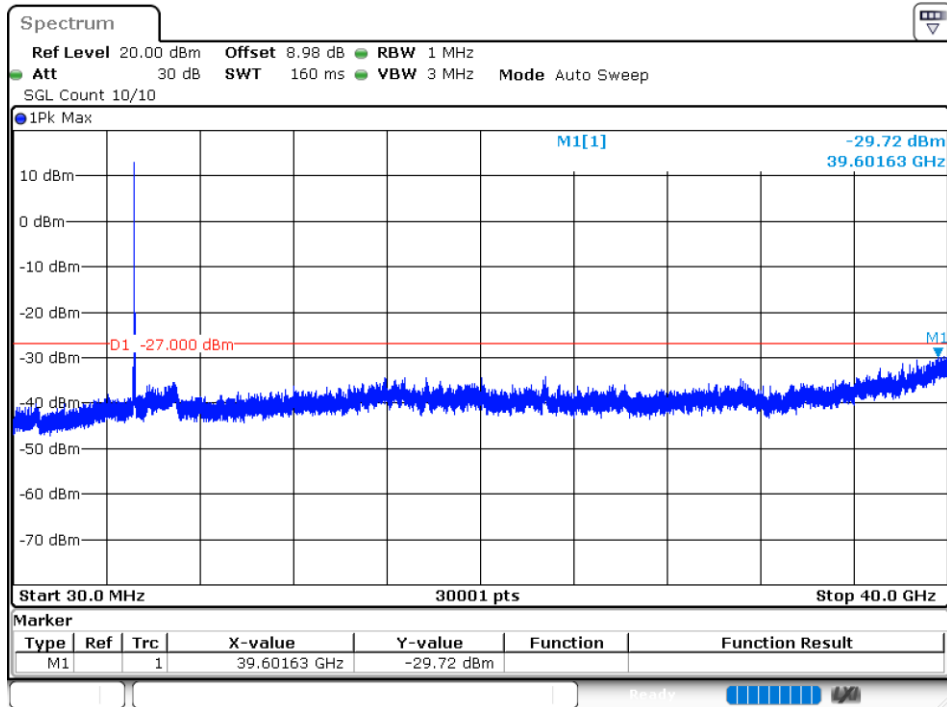
Tx. Spurious NVNT a 5240MHz Ant1 Emission



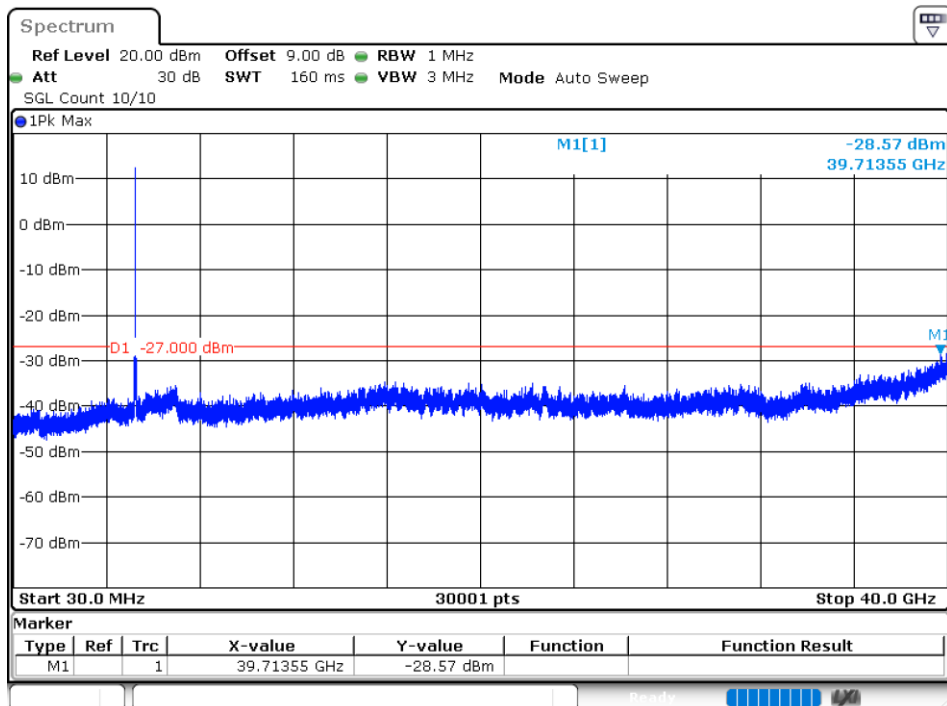
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



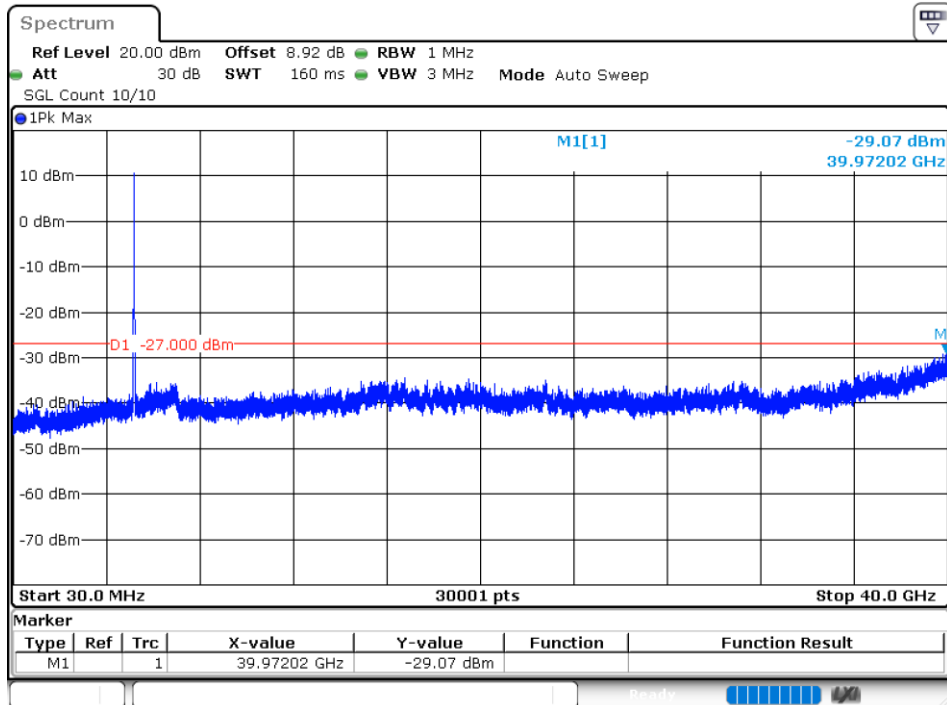
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



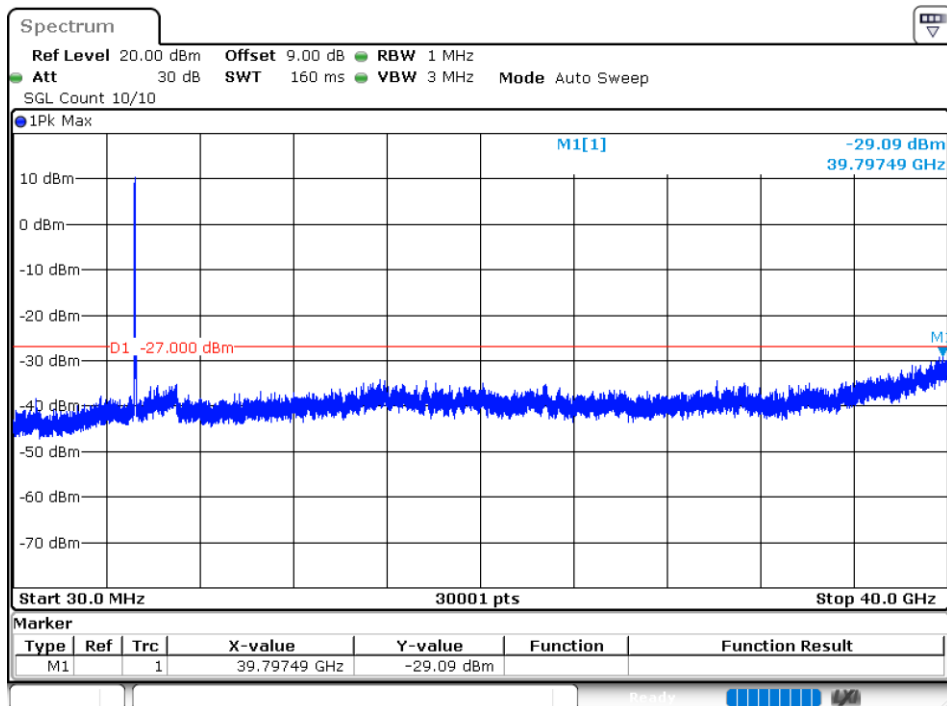
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



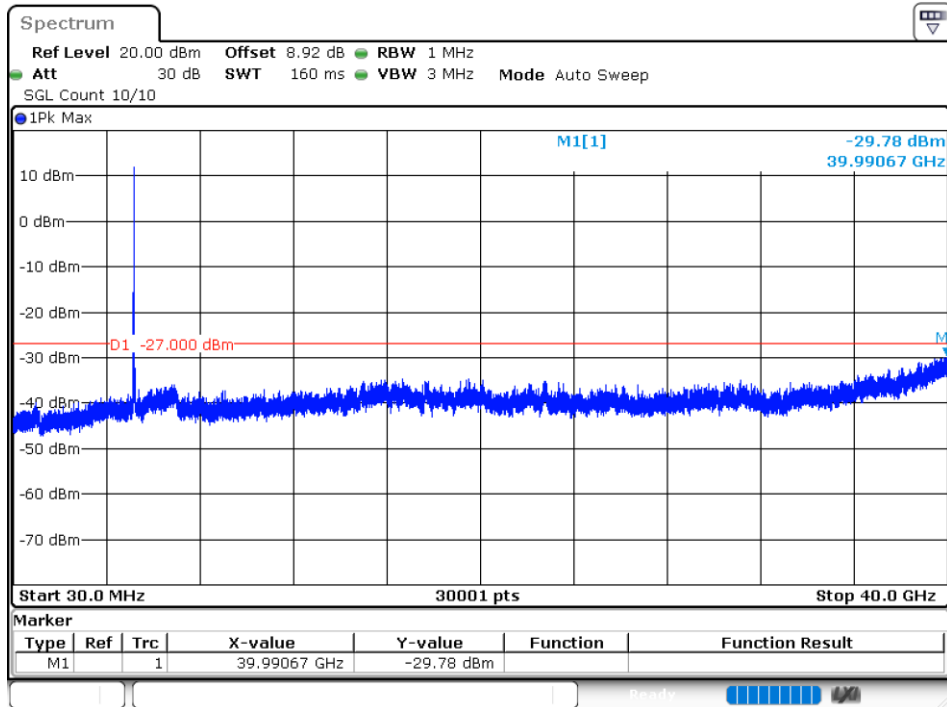
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



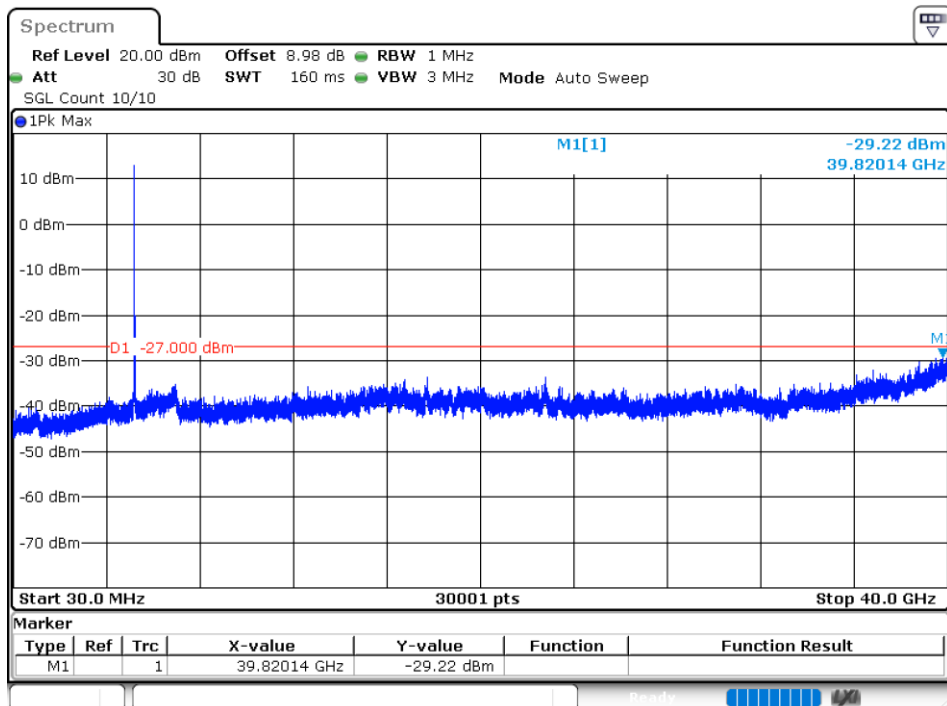
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



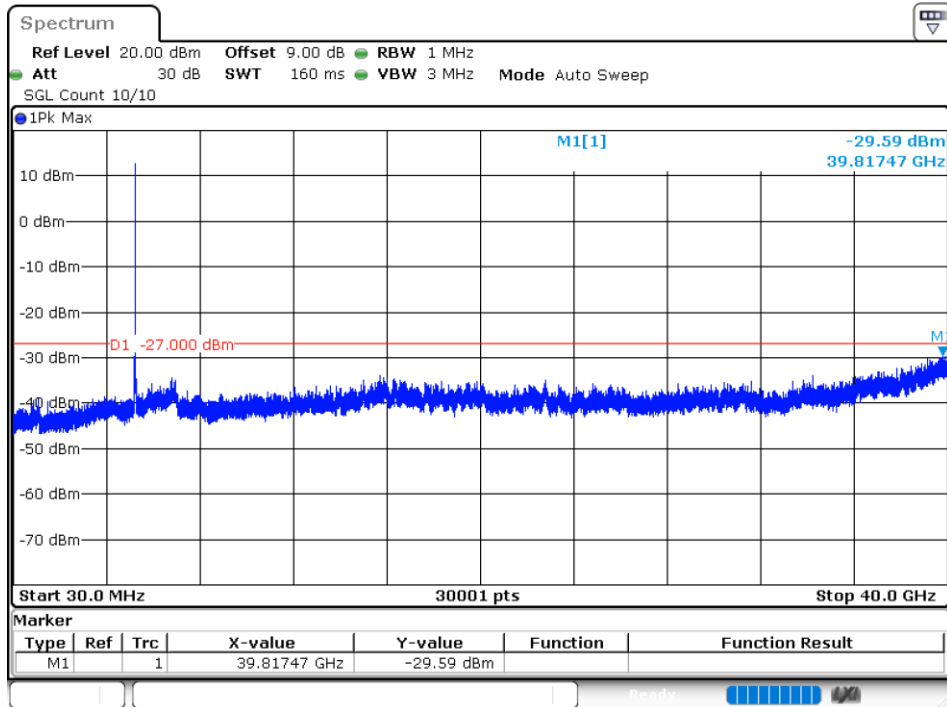
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



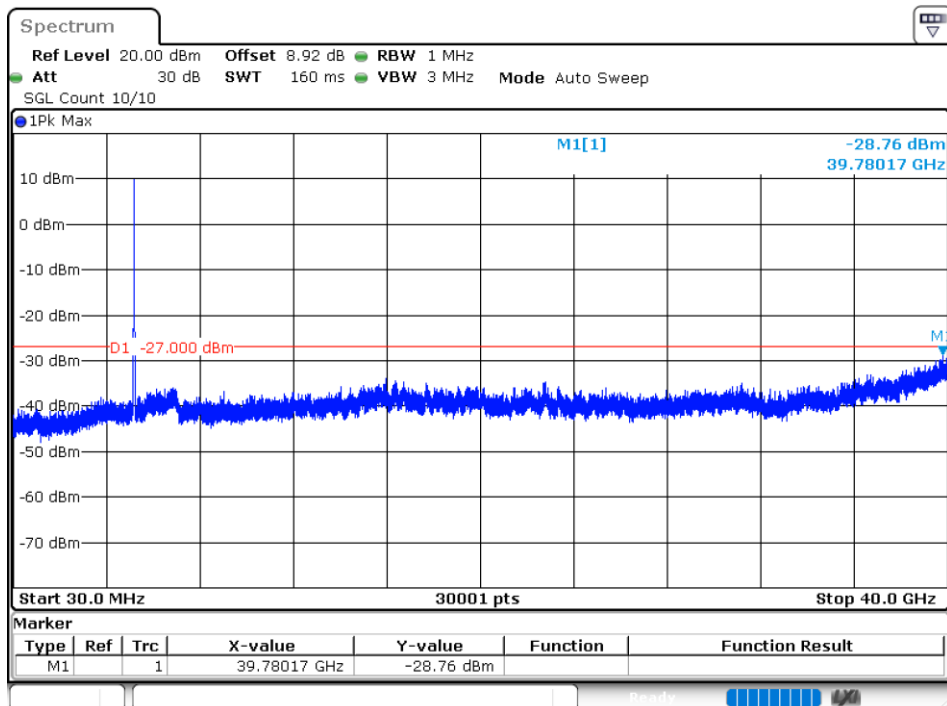
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission

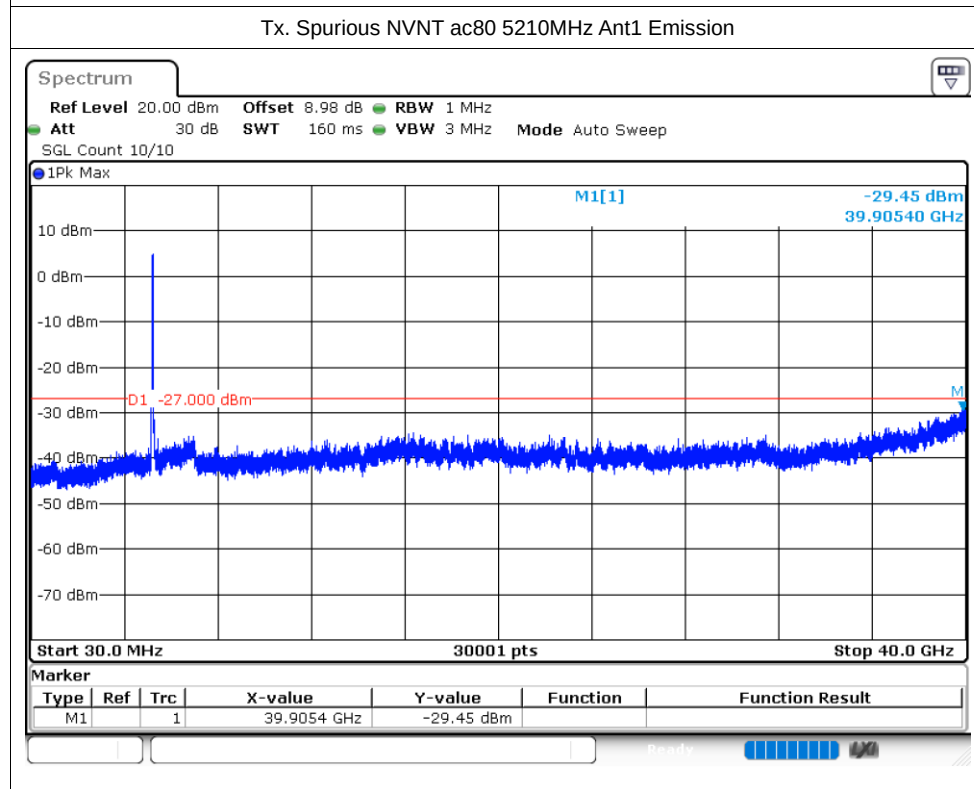
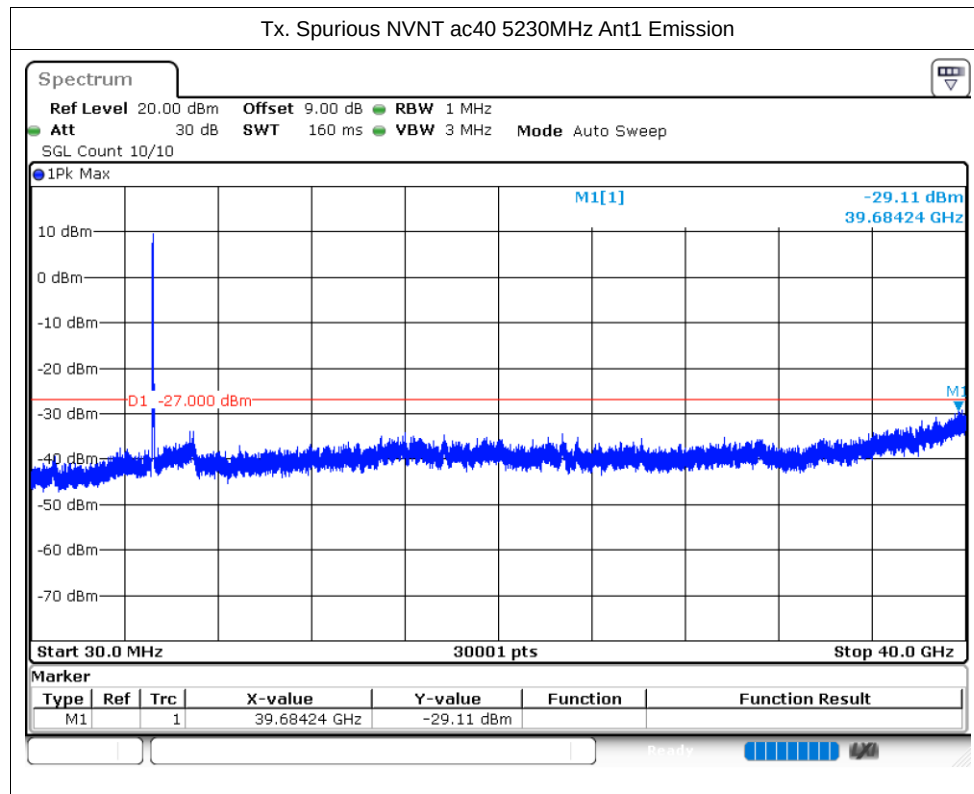


Tx. Spurious NVNT ac20 5240MHz Ant1 Emission

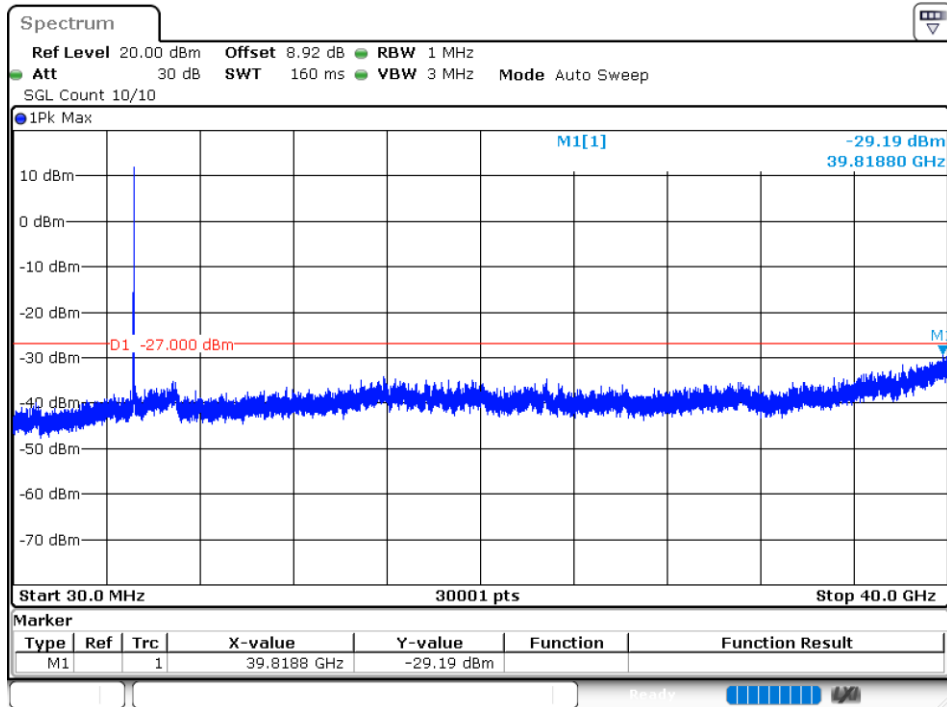


Tx. Spurious NVNT ac40 5190MHz Ant1 Emission

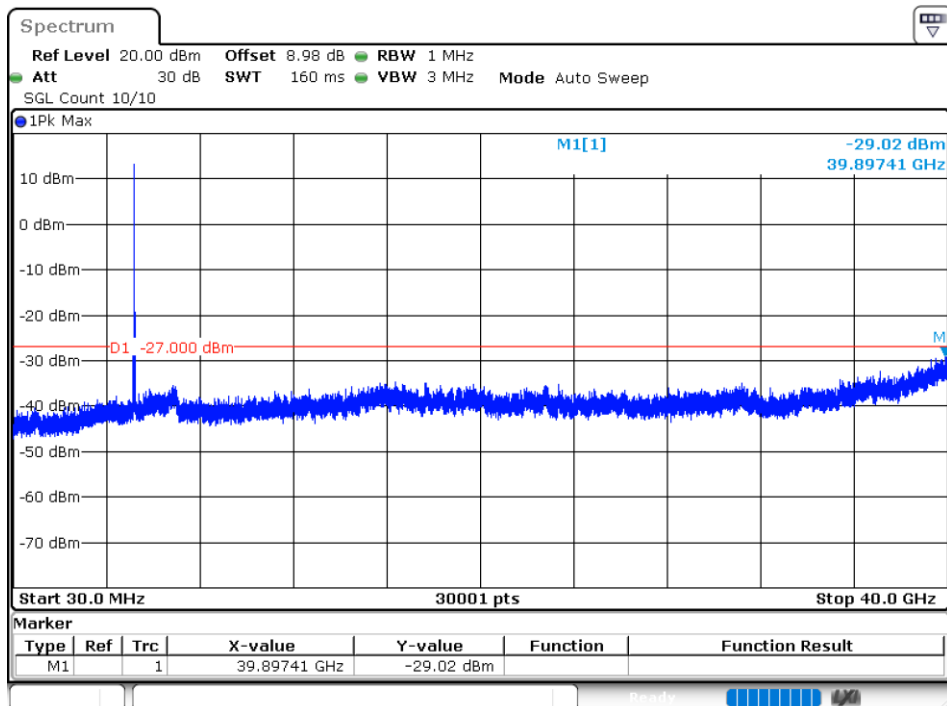




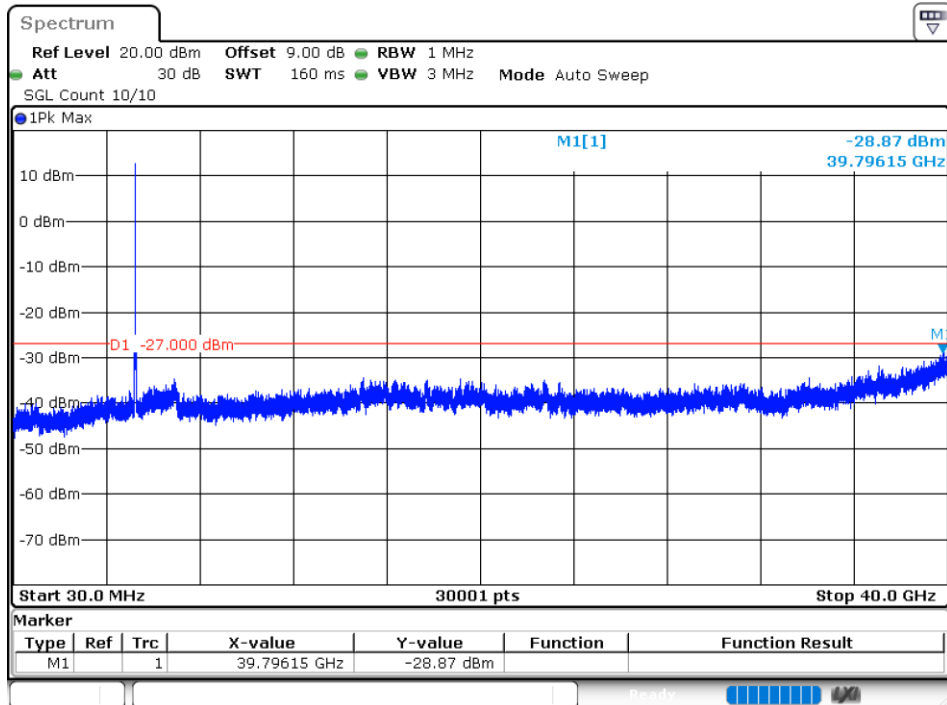
Tx. Spurious NVNT ax20 5180MHz Ant1 Emission



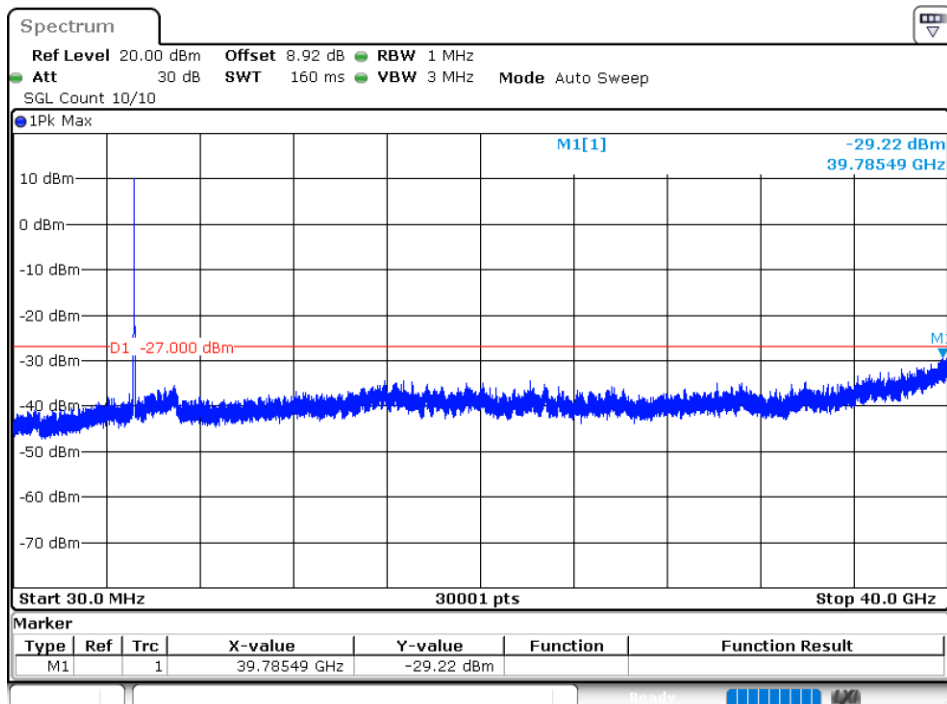
Tx. Spurious NVNT ax20 5200MHz Ant1 Emission



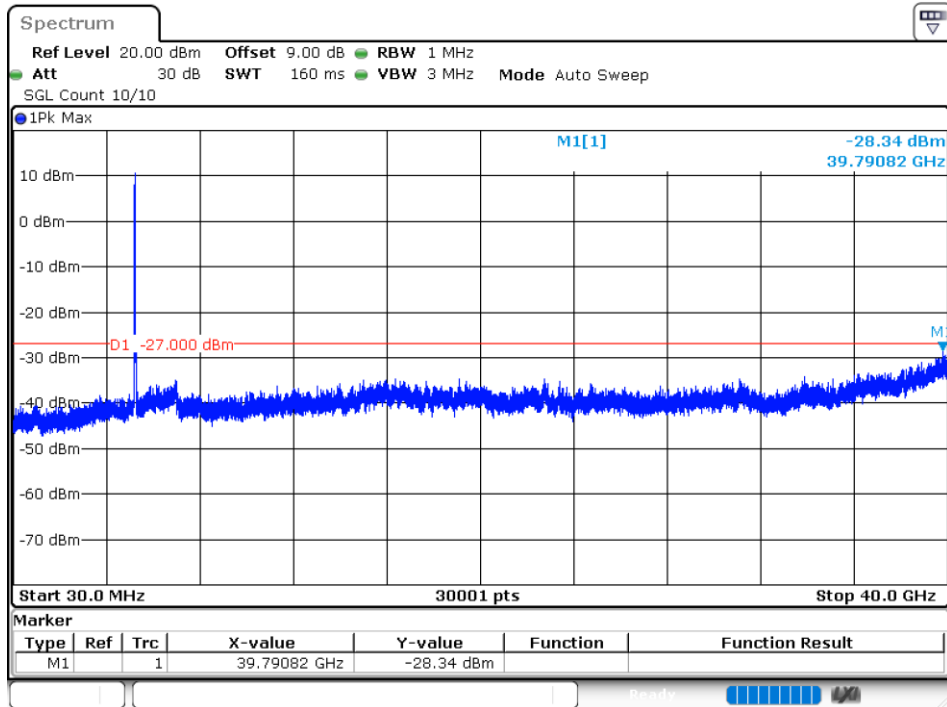
Tx. Spurious NVNT ax20 5240MHz Ant1 Emission



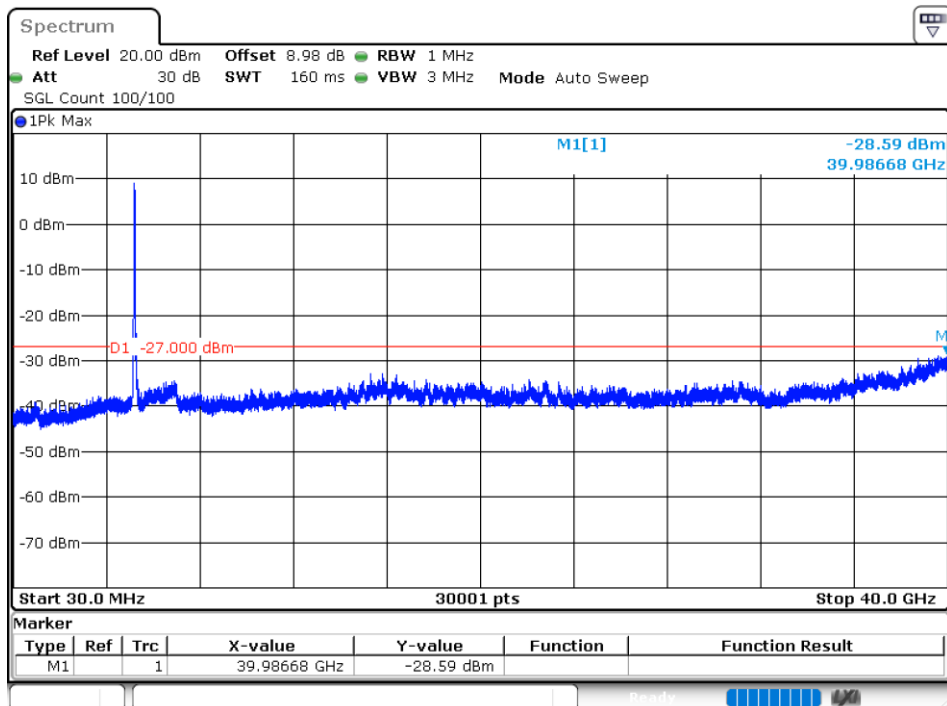
Tx. Spurious NVNT ax40 5190MHz Ant1 Emission



Tx. Spurious NVNT ax40 5230MHz Ant1 Emission



Tx. Spurious NVNT ax80 5210MHz Ant1 Emission



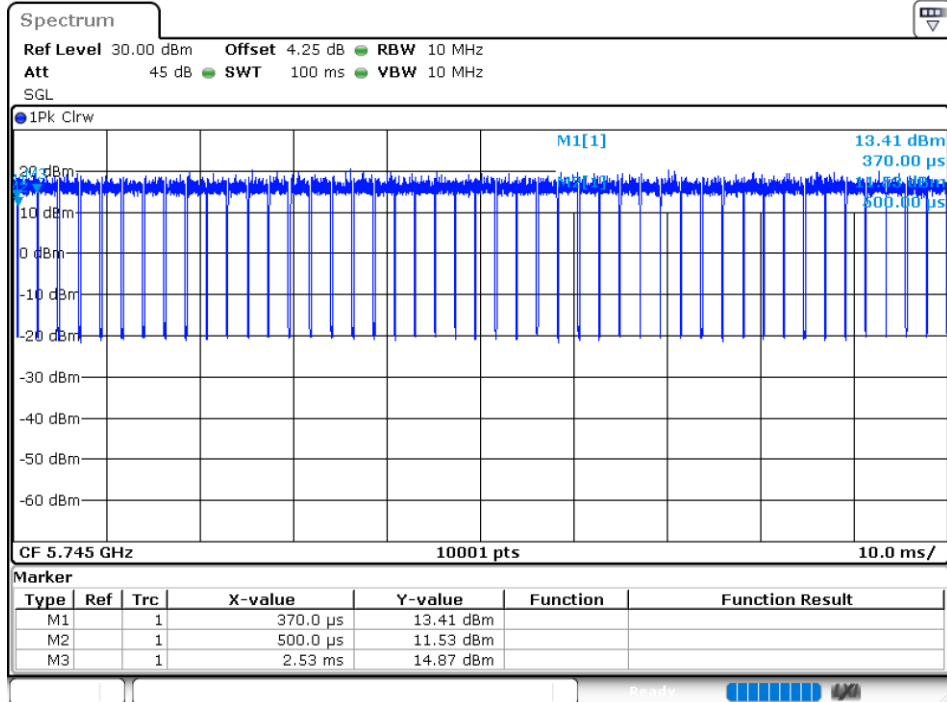
5.8G WIFI

Duty Cycle

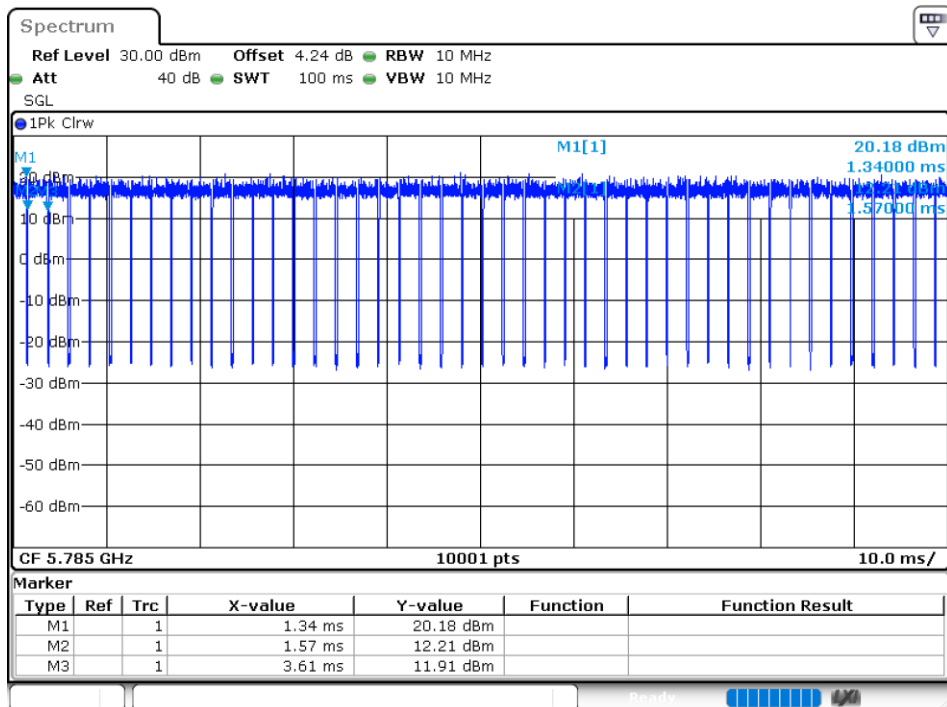
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	92.28	0.35	0.49
NVNT	a	5785	Ant1	92.46	0.34	0.49
NVNT	a	5825	Ant1	97.57	0.11	∞
NVNT	n20	5745	Ant1	91.61	0.38	0.53
NVNT	n20	5785	Ant1	92.02	0.36	0.53
NVNT	n20	5825	Ant1	97.84	0.09	100
NVNT	n40	5755	Ant1	93.65	0.28	∞
NVNT	n40	5795	Ant1	89.91	0.46	50
NVNT	ac20	5745	Ant1	91.92	0.37	0.53
NVNT	ac20	5785	Ant1	93.95	0.27	0.53
NVNT	ac20	5825	Ant1	92.04	0.36	0.53
NVNT	ac40	5755	Ant1	85.6	0.68	1.08
NVNT	ac40	5795	Ant1	88.46	0.53	1.08
NVNT	ac80	5775	Ant1	52.62	2.79	2.17
NVNT	ax20	5745	Ant1	91.33	0.39	0.68
NVNT	ax20	5785	Ant1	92.43	0.34	0.68
NVNT	ax20	5825	Ant1	90.58	0.43	0.68
NVNT	ax40	5755	Ant1	82.28	0.85	1.32
NVNT	ax40	5795	Ant1	86.25	0.64	1.32
NVNT	ax80	5775	Ant1	77.01	1.13	2.5

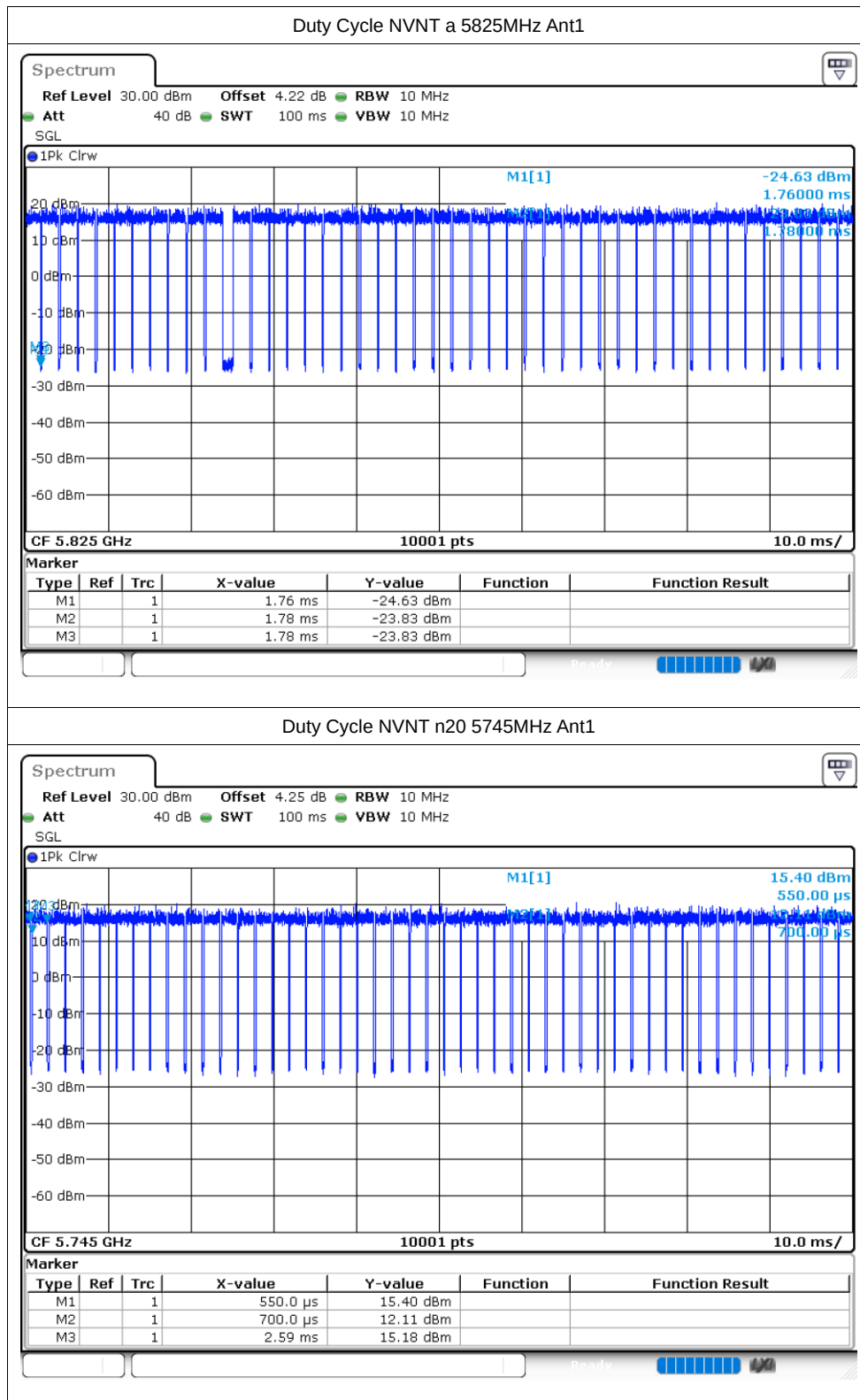
Test Graphs

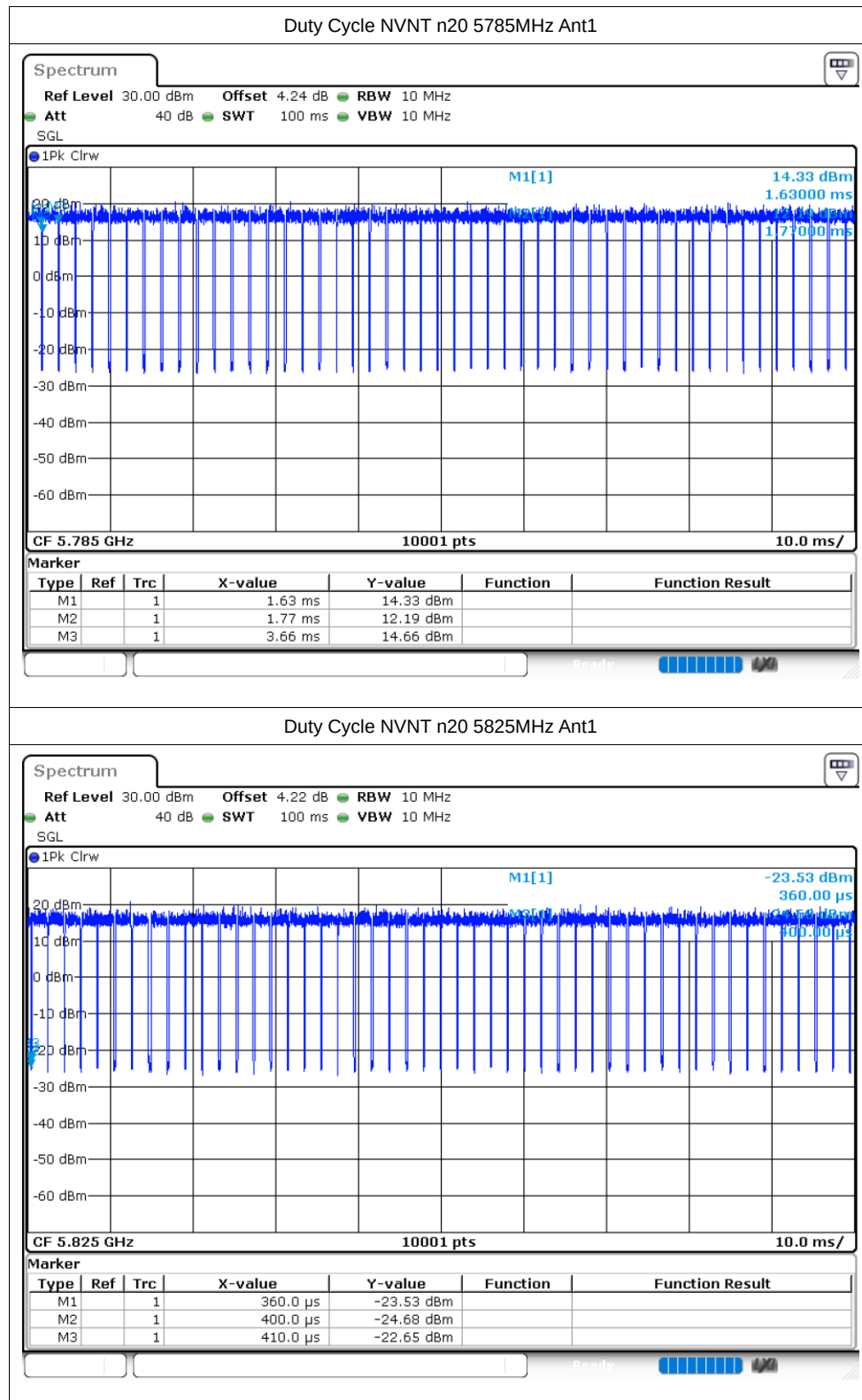
Duty Cycle NVNT a 5745MHz Ant1

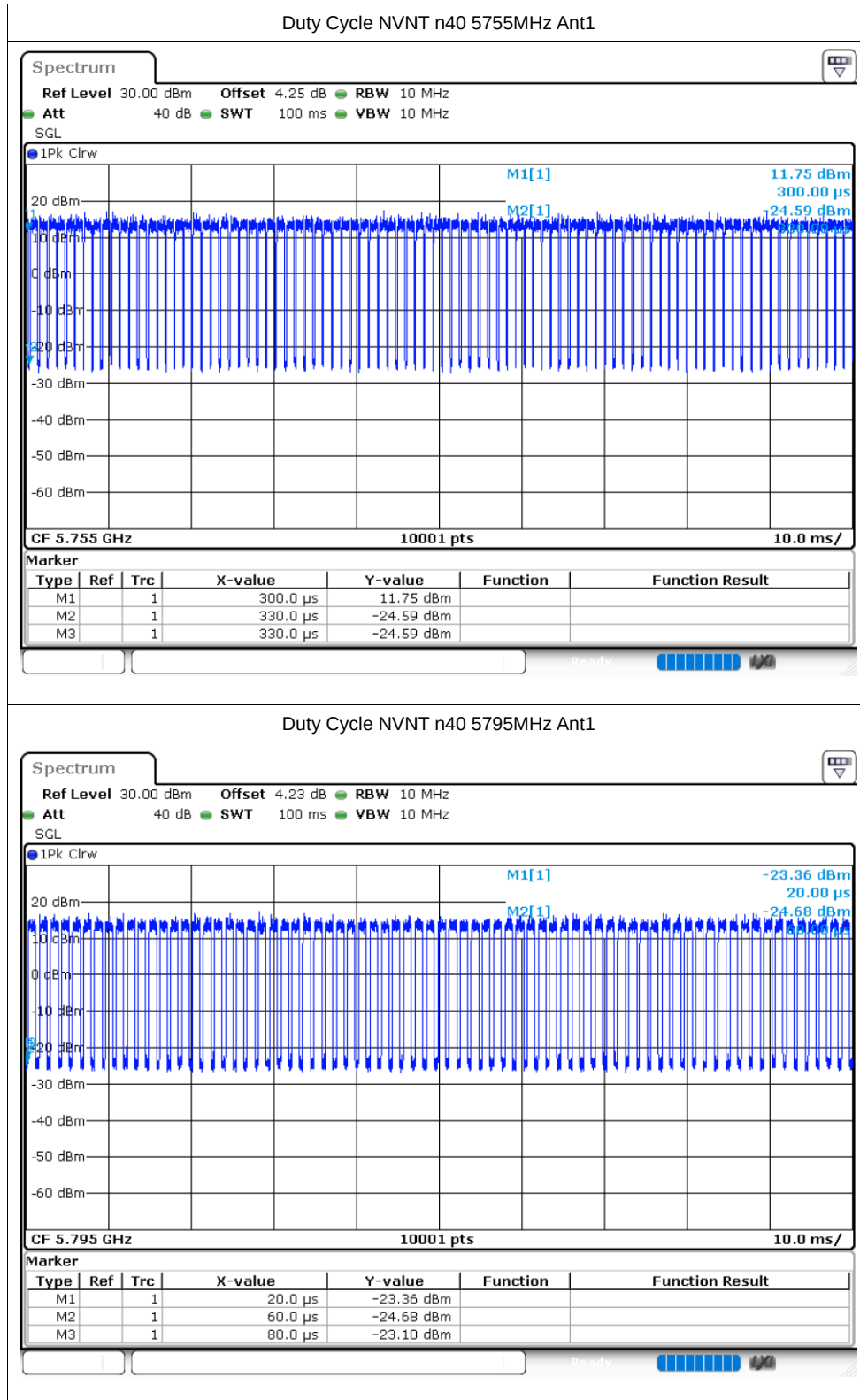


Duty Cycle NVNT a 5785MHz Ant1







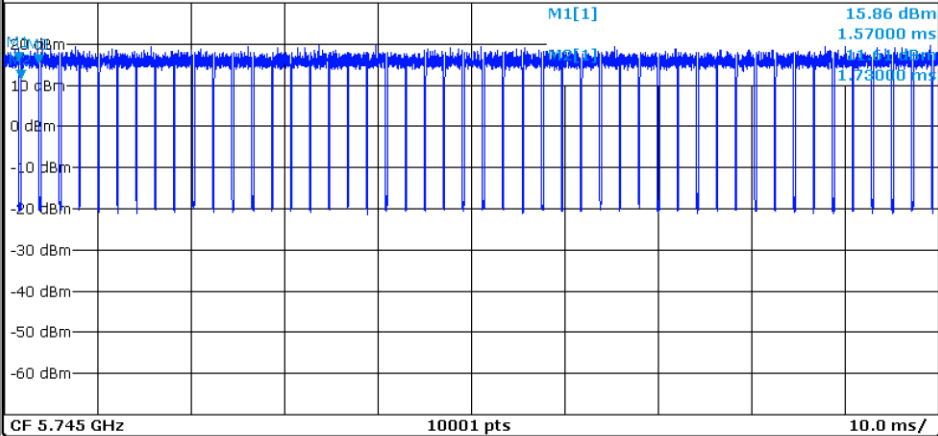


Duty Cycle NVNT ac20 5745MHz Ant1

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

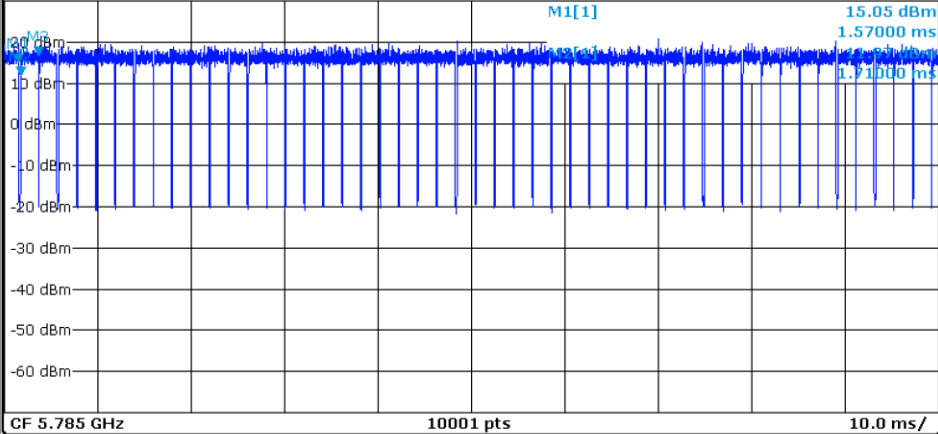
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	1.57 ms	15.86 dBm		
M2	1	1	1.73 ms	11.61 dBm		
M3	1	1	3.63 ms	15.25 dBm		

Duty Cycle NVNT ac20 5785MHz Ant1

Spectrum

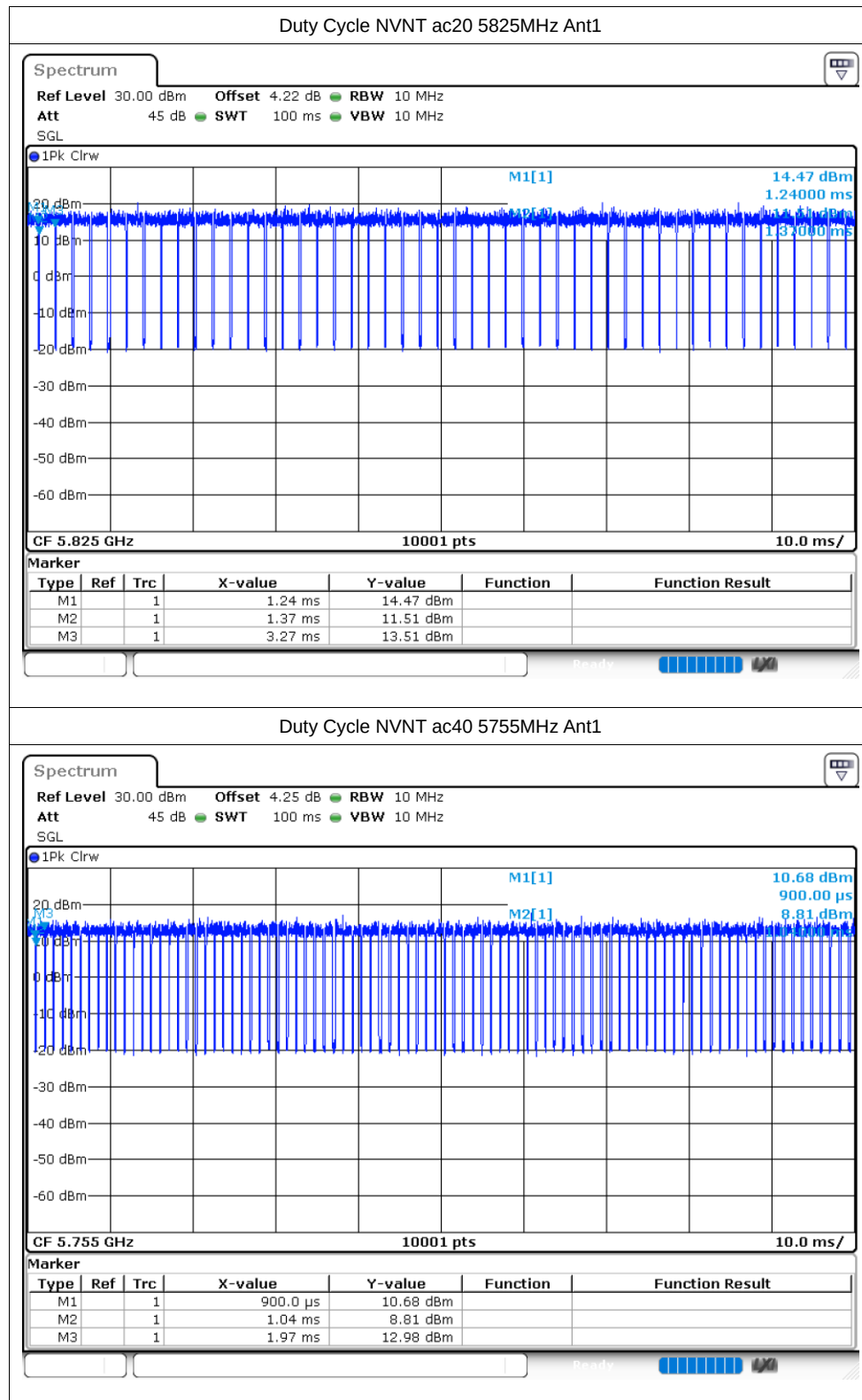
Ref Level 30.00 dBm Offset 4.24 dB RBW 10 MHz
Att 45 dB SWT 100 ms VBW 10 MHz
SGL

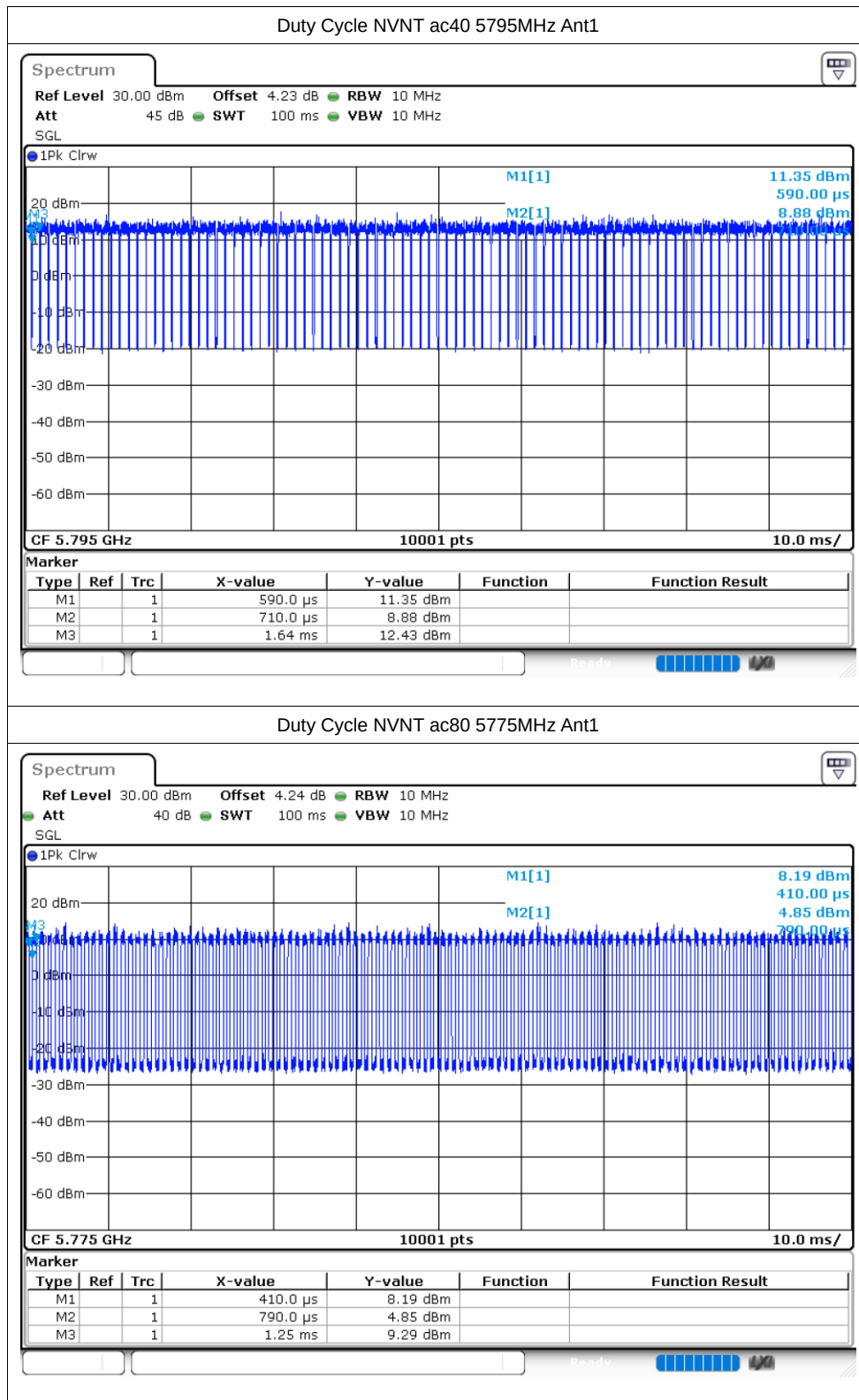
1Pk Clrw



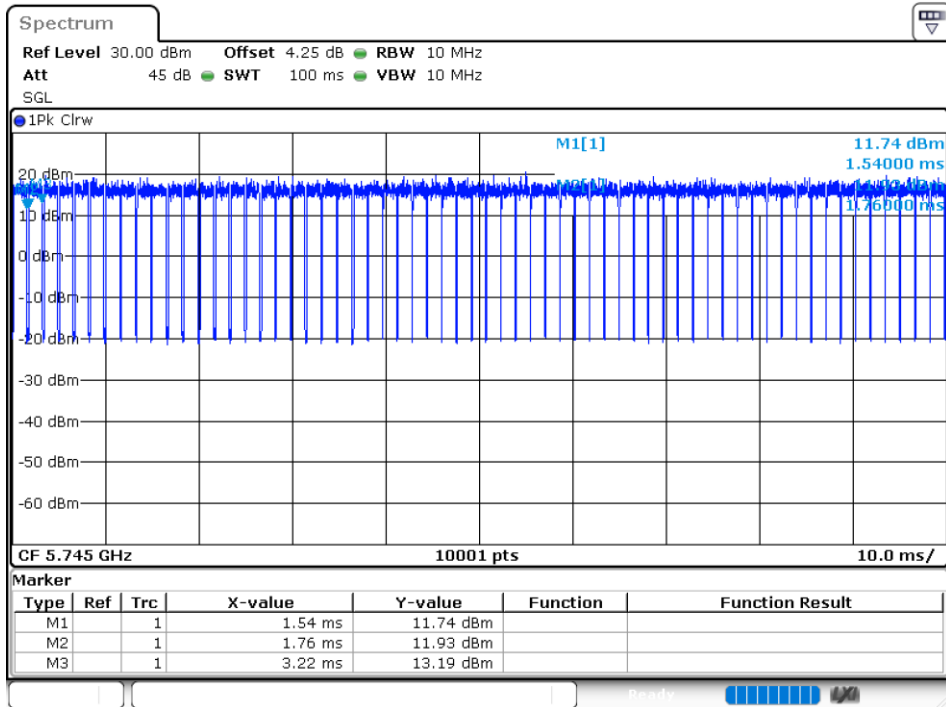
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	1.57 ms	15.05 dBm		
M2	1	1	1.71 ms	11.97 dBm		
M3	1	1	3.61 ms	16.83 dBm		

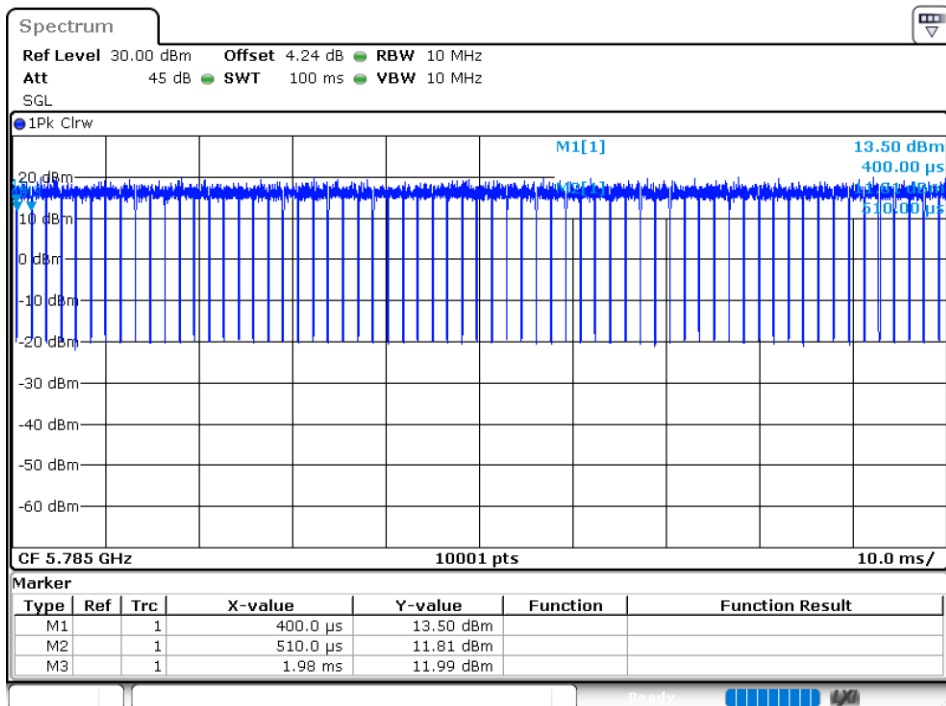


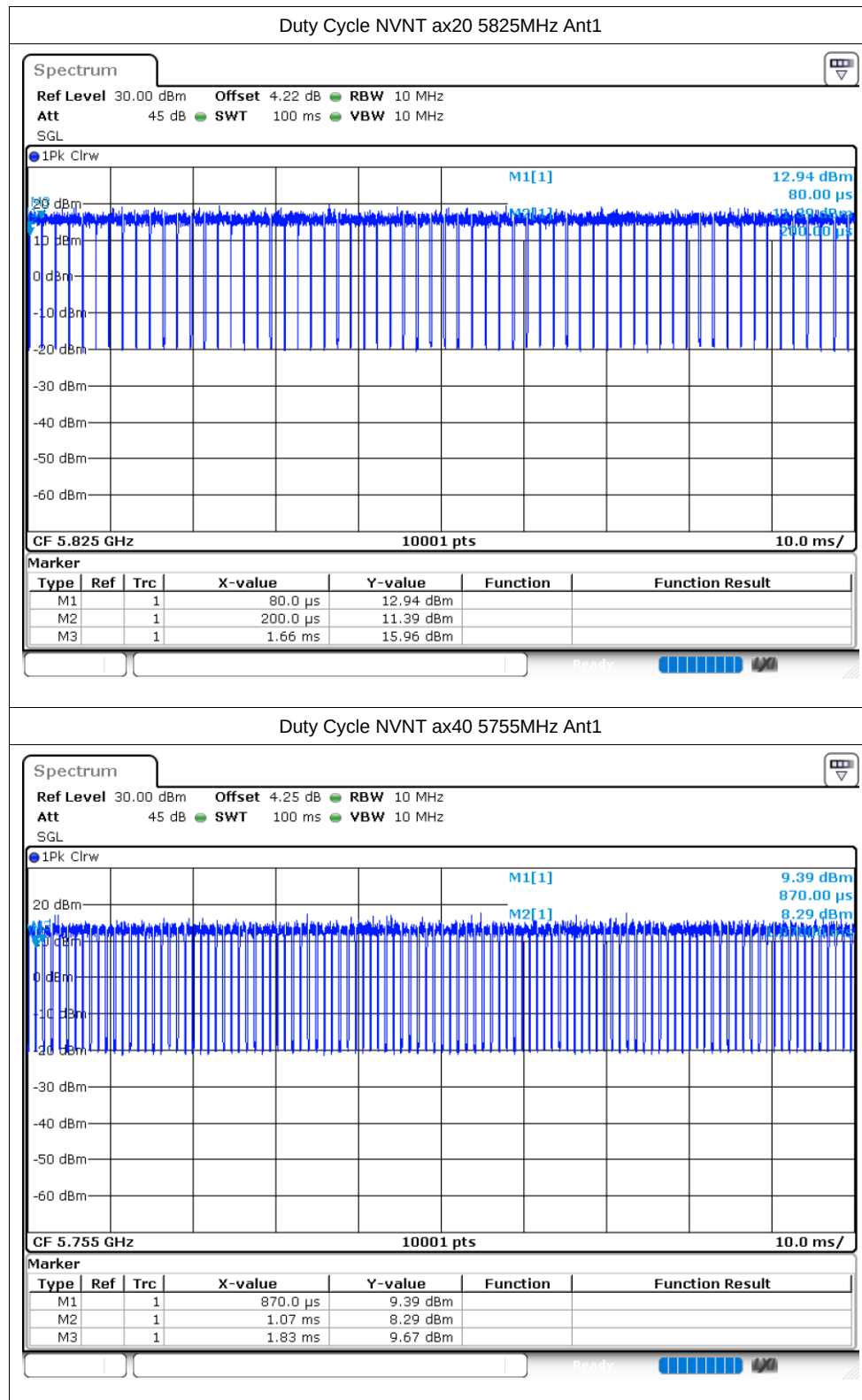


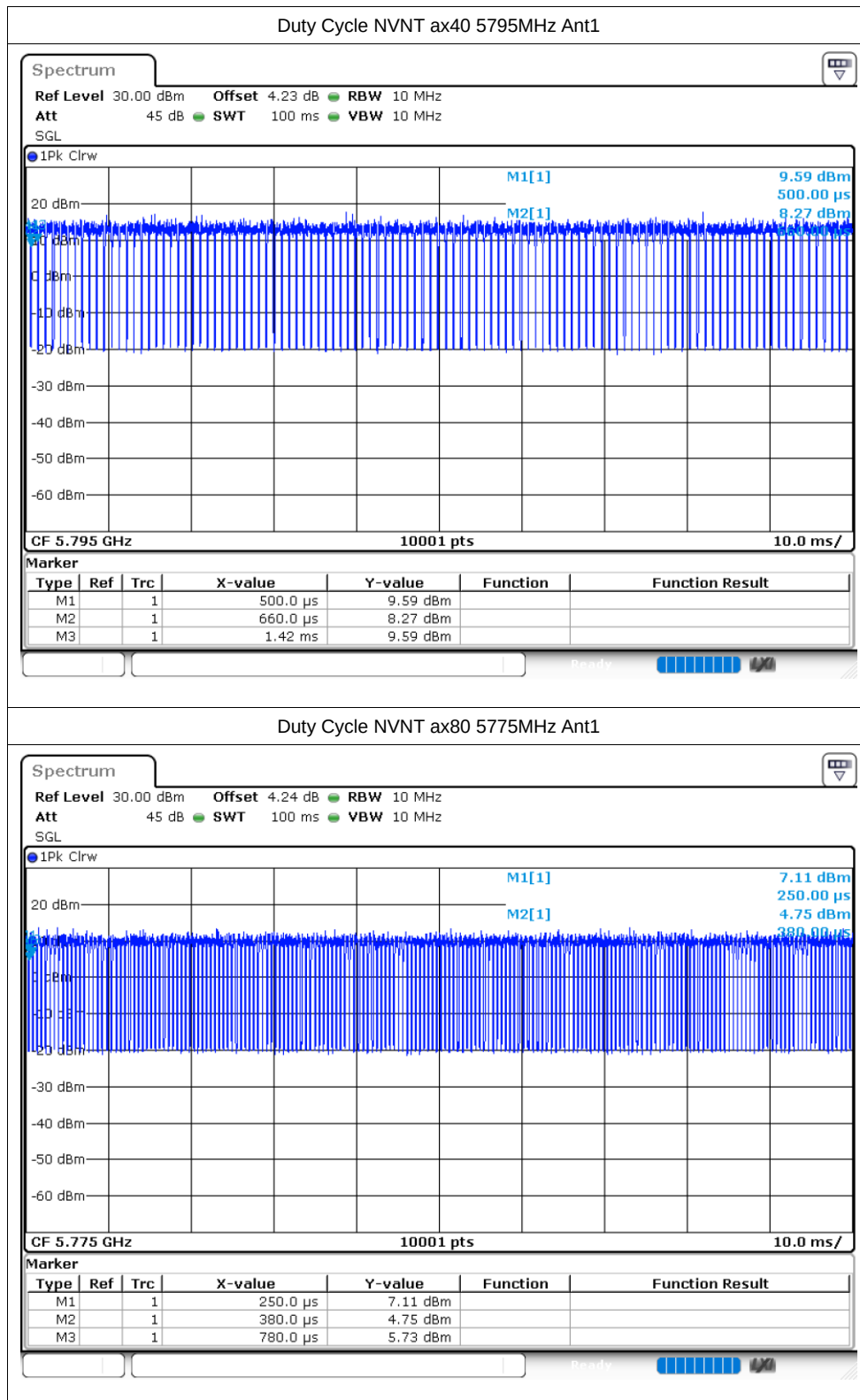
Duty Cycle NVNT ax20 5745MHz Ant1



Duty Cycle NVNT ax20 5785MHz Ant1







Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	12.43	30	Pass
NVNT	a	5785	Ant1	12.24	30	Pass
NVNT	a	5825	Ant1	11.88	30	Pass
NVNT	n20	5745	Ant1	12.29	30	Pass
NVNT	n20	5785	Ant1	12.25	30	Pass
NVNT	n20	5825	Ant1	12.01	30	Pass
NVNT	n40	5755	Ant1	12.23	30	Pass
NVNT	n40	5795	Ant1	12.41	30	Pass
NVNT	ac20	5745	Ant1	12.23	30	Pass
NVNT	ac20	5785	Ant1	12.41	30	Pass
NVNT	ac20	5825	Ant1	12	30	Pass
NVNT	ac40	5755	Ant1	12.39	30	Pass
NVNT	ac40	5795	Ant1	12.22	30	Pass
NVNT	ac80	5775	Ant1	12.45	30	Pass
NVNT	ax20	5745	Ant1	12.42	30	Pass
NVNT	ax20	5785	Ant1	12.31	30	Pass
NVNT	ax20	5825	Ant1	11.9	30	Pass
NVNT	ax40	5755	Ant1	12.28	30	Pass
NVNT	ax40	5795	Ant1	12.44	30	Pass
NVNT	ax80	5775	Ant1	12.36	30	Pass

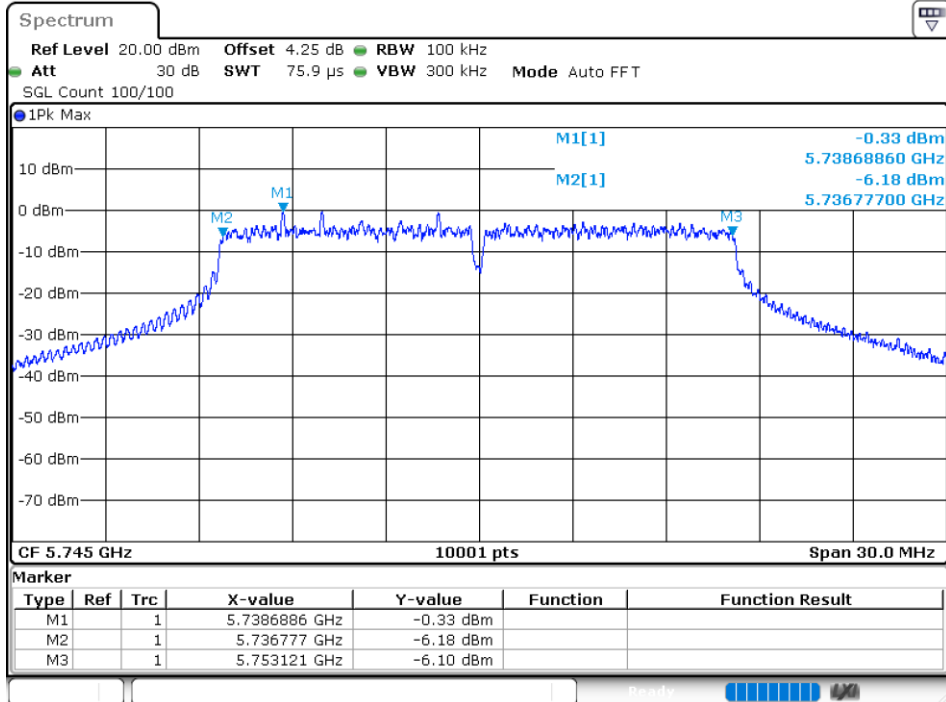
Note: The average power value already includes the duty cycle factor

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.344	0.5	Pass
NVNT	a	5785	Ant1	16.566	0.5	Pass
NVNT	a	5825	Ant1	16.545	0.5	Pass
NVNT	n20	5745	Ant1	17.82	0.5	Pass
NVNT	n20	5785	Ant1	17.808	0.5	Pass
NVNT	n20	5825	Ant1	17.811	0.5	Pass
NVNT	n40	5755	Ant1	36.318	0.5	Pass
NVNT	n40	5795	Ant1	36.324	0.5	Pass
NVNT	ac20	5745	Ant1	17.73	0.5	Pass
NVNT	ac20	5785	Ant1	17.589	0.5	Pass
NVNT	ac20	5825	Ant1	17.757	0.5	Pass
NVNT	ac40	5755	Ant1	36.318	0.5	Pass
NVNT	ac40	5795	Ant1	36.342	0.5	Pass
NVNT	ac80	5775	Ant1	76.32	0.5	Pass
NVNT	ax20	5745	Ant1	18.786	0.5	Pass
NVNT	ax20	5785	Ant1	19.122	0.5	Pass
NVNT	ax20	5825	Ant1	18.828	0.5	Pass
NVNT	ax40	5755	Ant1	37.842	0.5	Pass
NVNT	ax40	5795	Ant1	37.86	0.5	Pass
NVNT	ax80	5775	Ant1	77.676	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1

