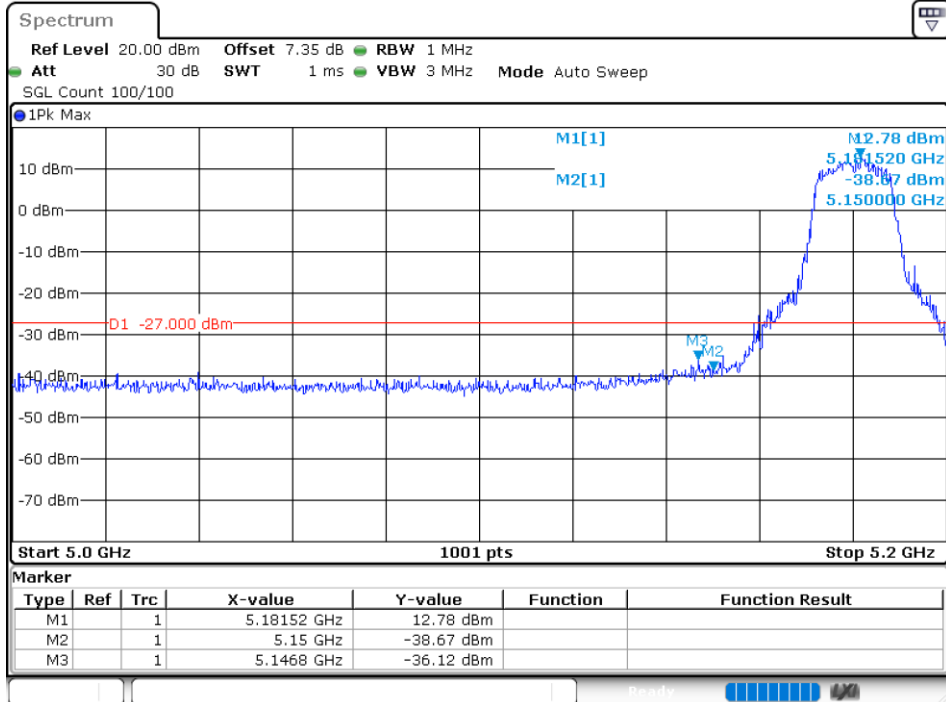


Band Edge

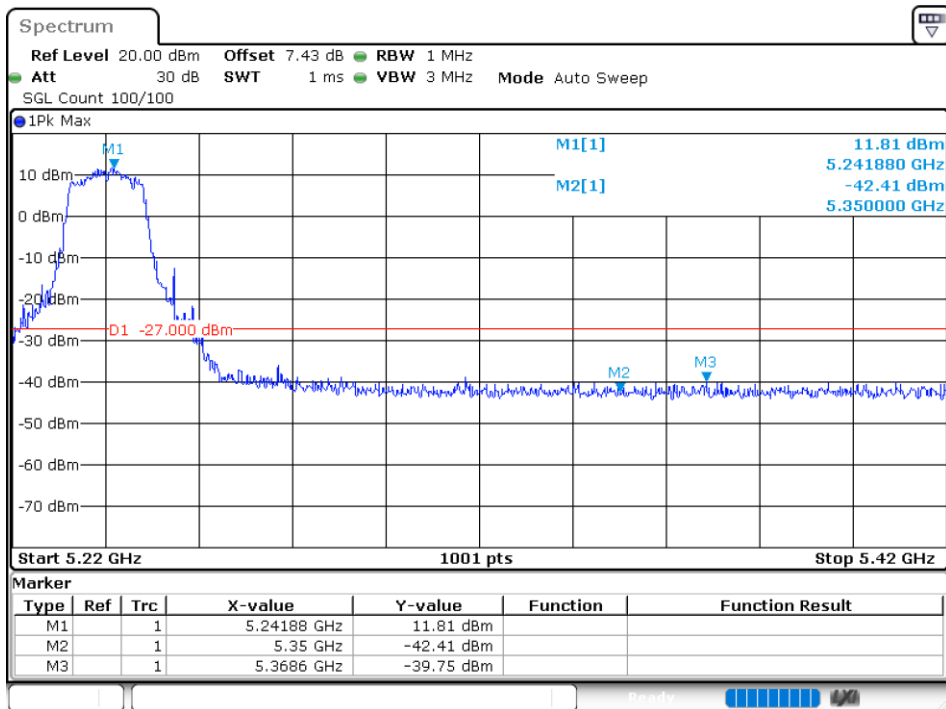
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-36.11	-27	Pass
NVNT	a	5240	Ant1	-39.74	-27	Pass
NVNT	n20	5180	Ant1	-35.59	-27	Pass
NVNT	n20	5240	Ant1	-39.55	-27	Pass
NVNT	n40	5190	Ant1	-28.63	-27	Pass
NVNT	n40	5230	Ant1	-39.07	-27	Pass
NVNT	ac20	5180	Ant1	-37.21	-27	Pass
NVNT	ac20	5240	Ant1	-39.32	-27	Pass
NVNT	ac40	5190	Ant1	-35.27	-27	Pass
NVNT	ac40	5230	Ant1	-39.61	-27	Pass
NVNT	ac80	5210	Ant1	-40.46	-27	Pass
NVNT	ax20	5180	Ant1	-35.99	-27	Pass
NVNT	ax20	5240	Ant1	-39.86	-27	Pass
NVNT	ax40	5190	Ant1	-32.9	-27	Pass
NVNT	ax40	5230	Ant1	-39.07	-27	Pass
NVNT	ax80	5210	Ant1	-39.4	-27	Pass

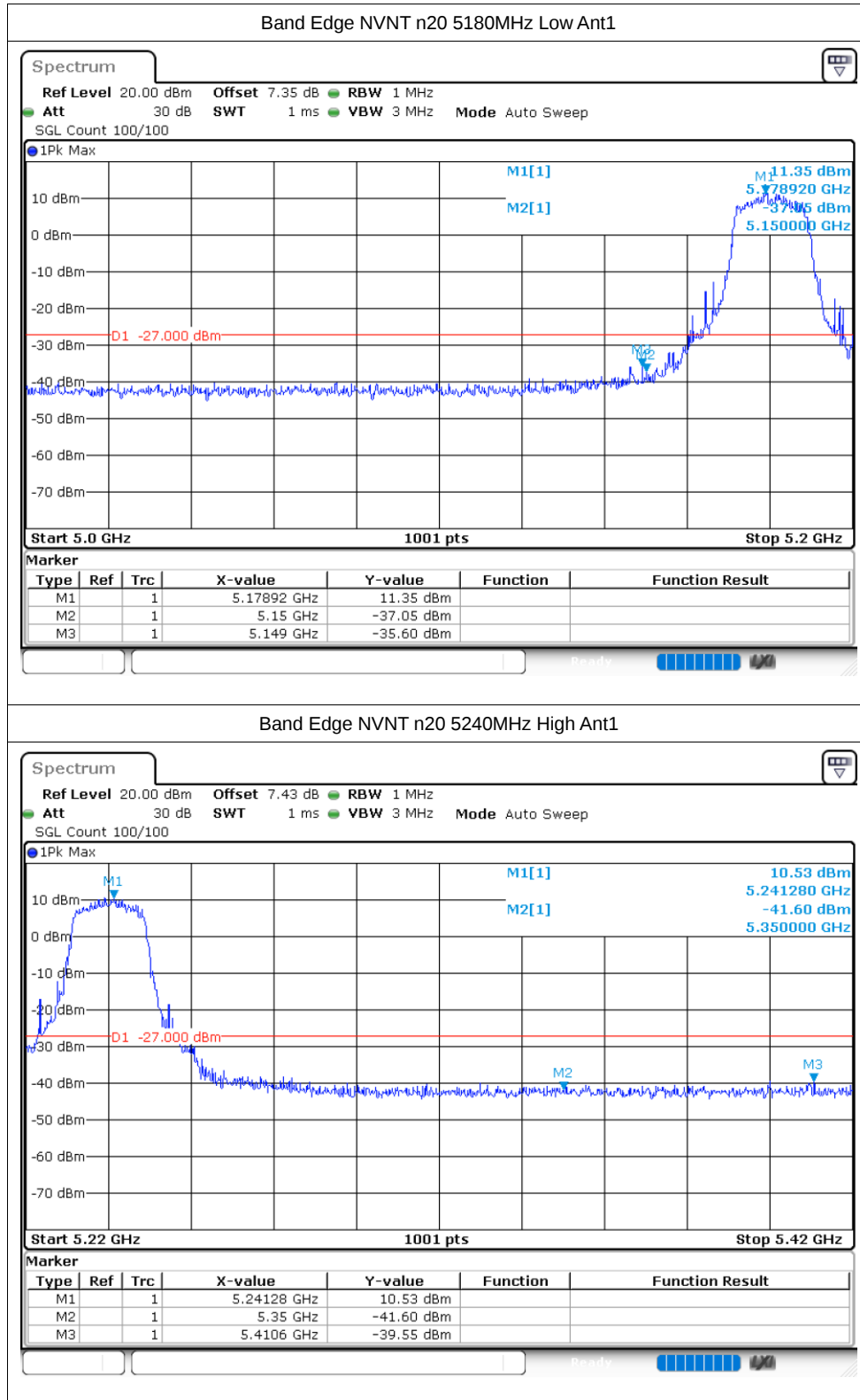
Test Graphs

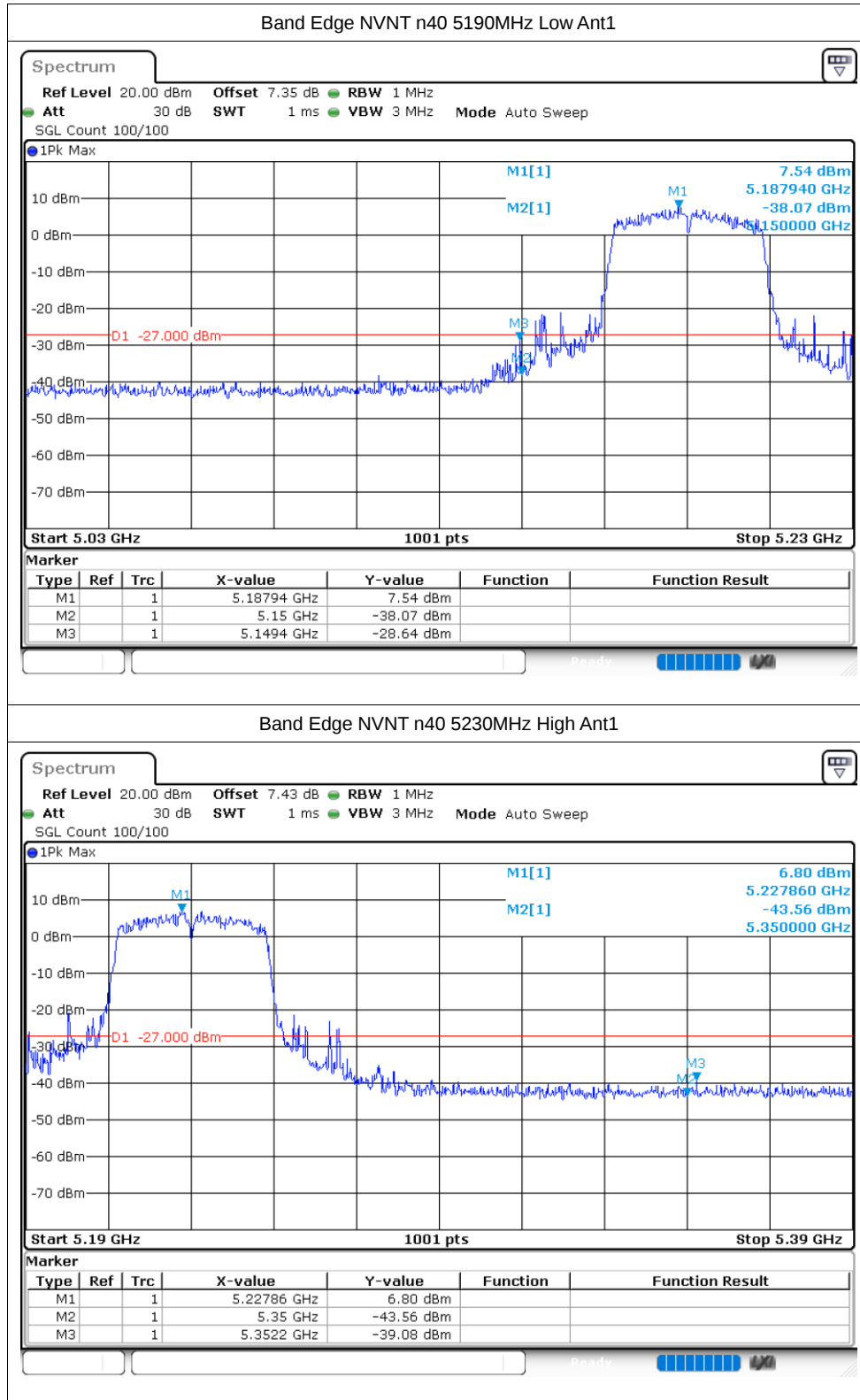
Band Edge NVNT a 5180MHz Low Ant1

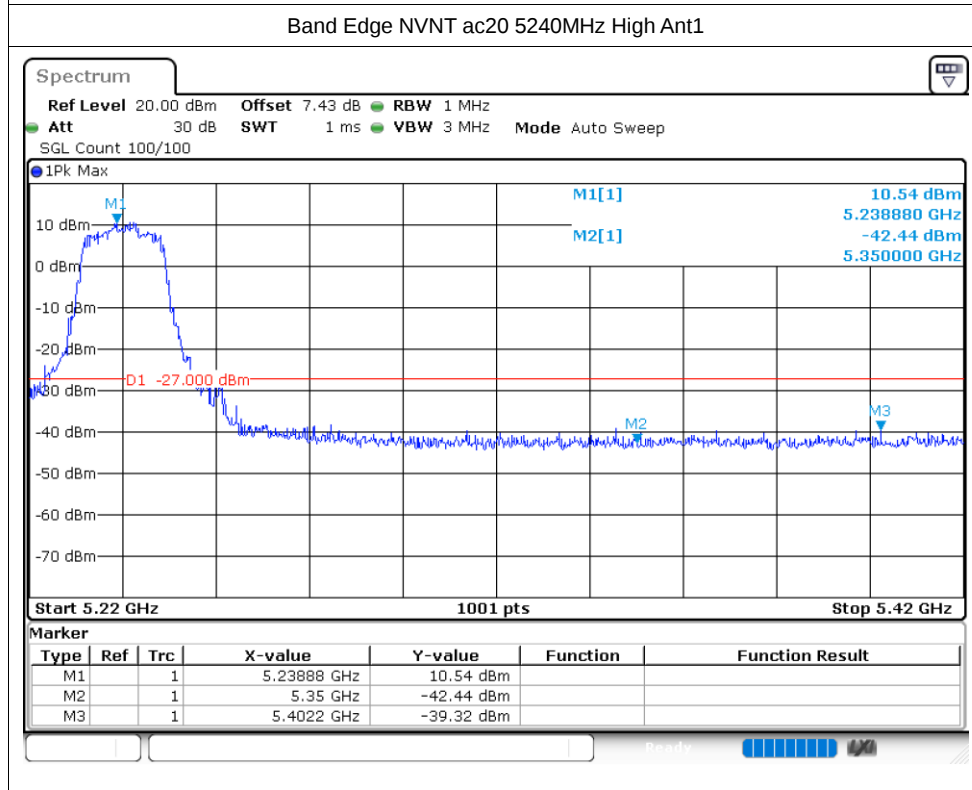
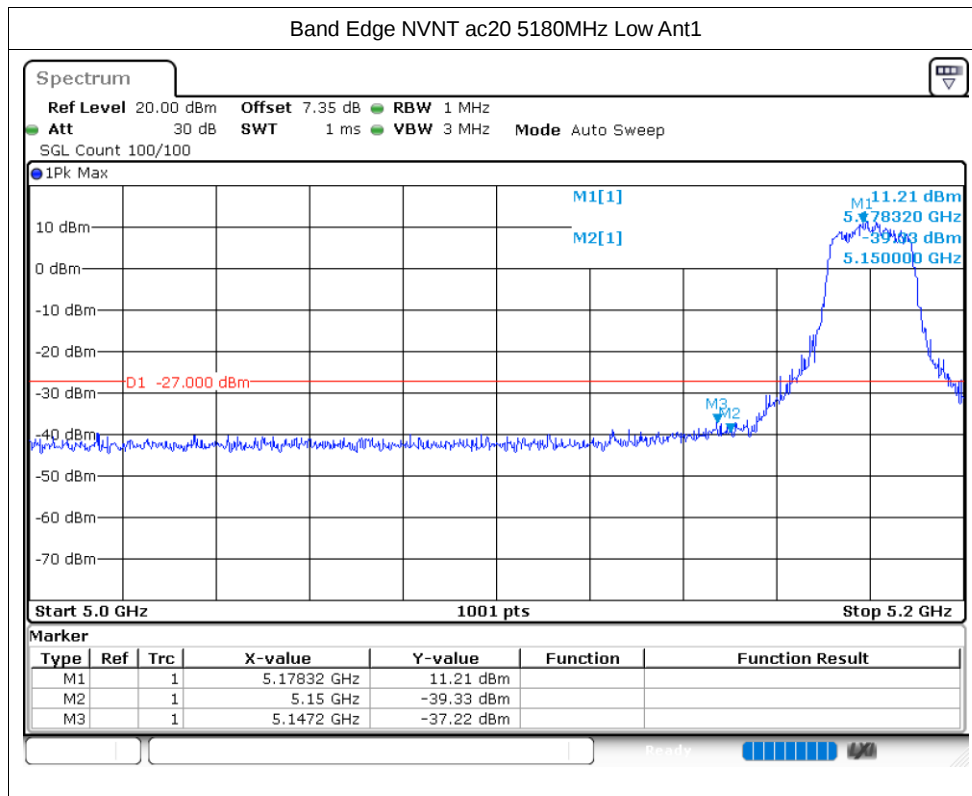


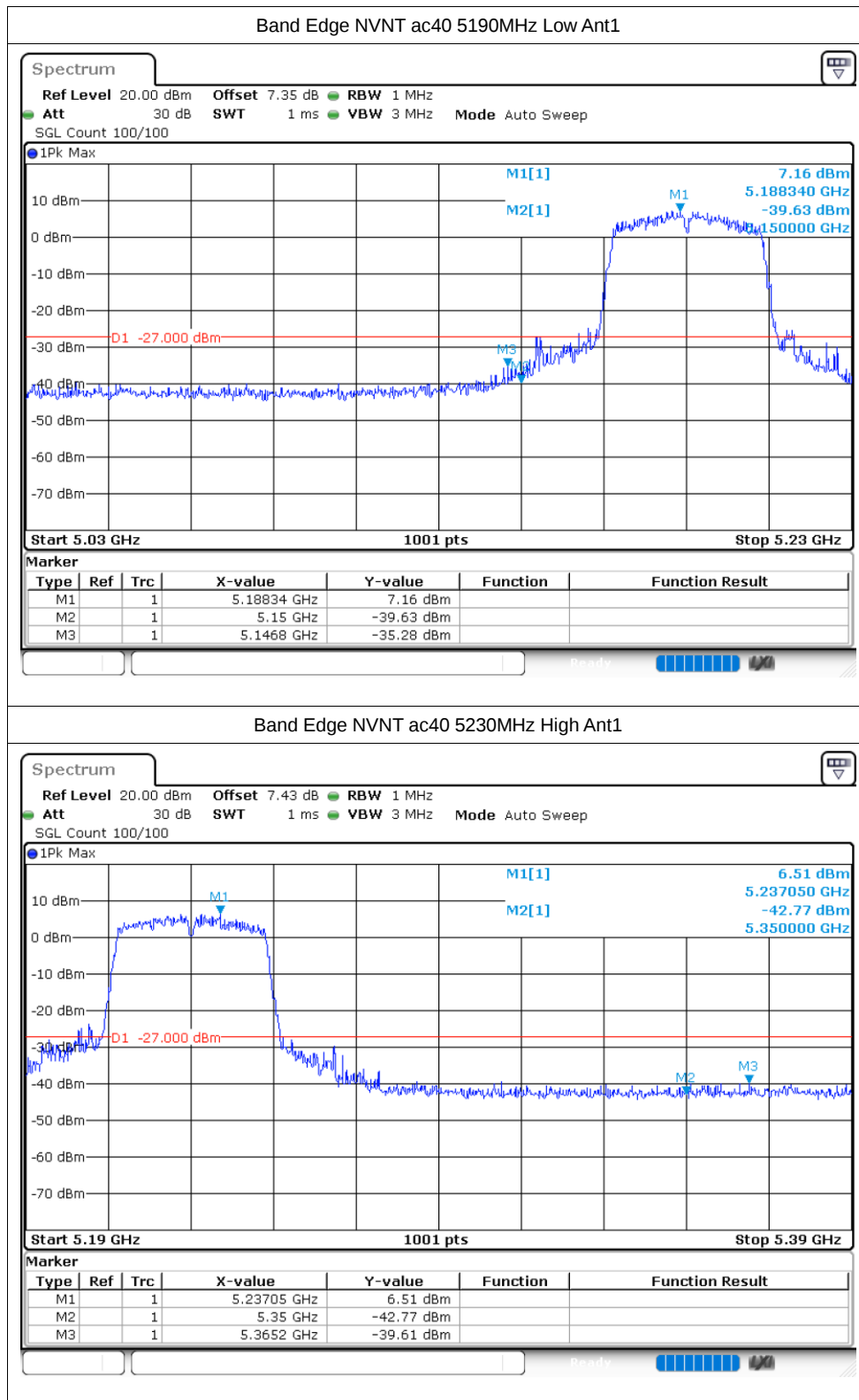
Band Edge NVNT a 5240MHz High Ant1

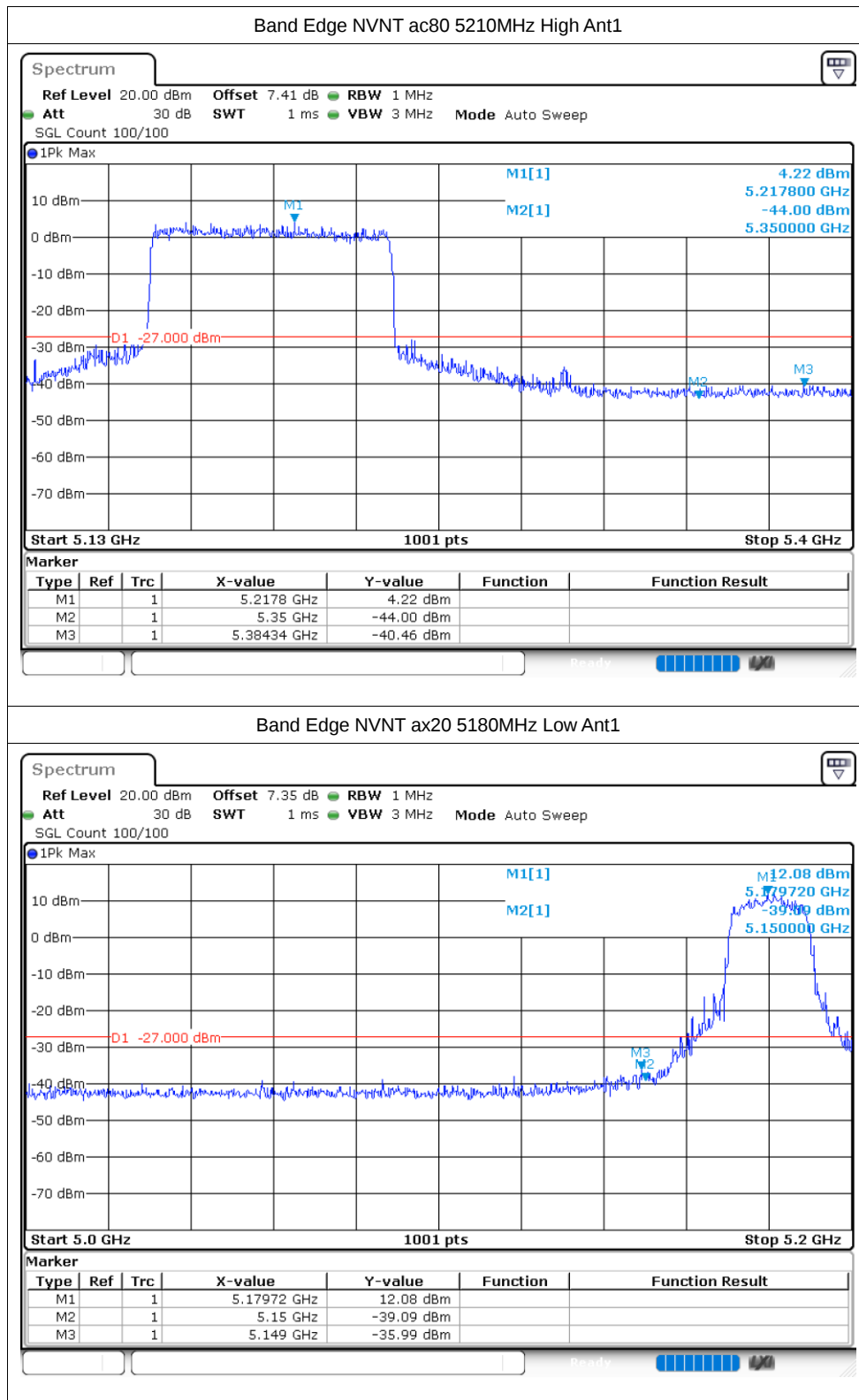


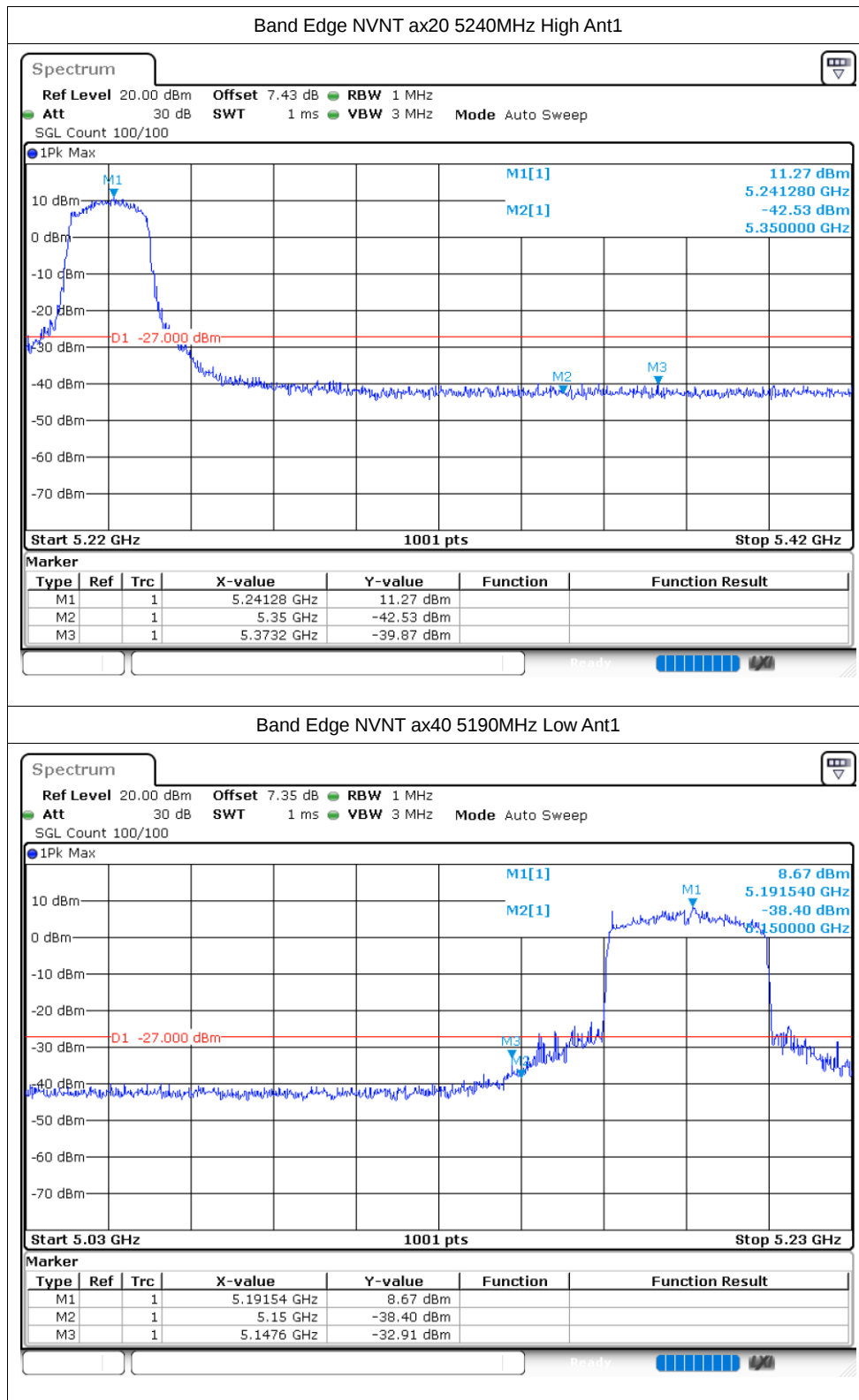


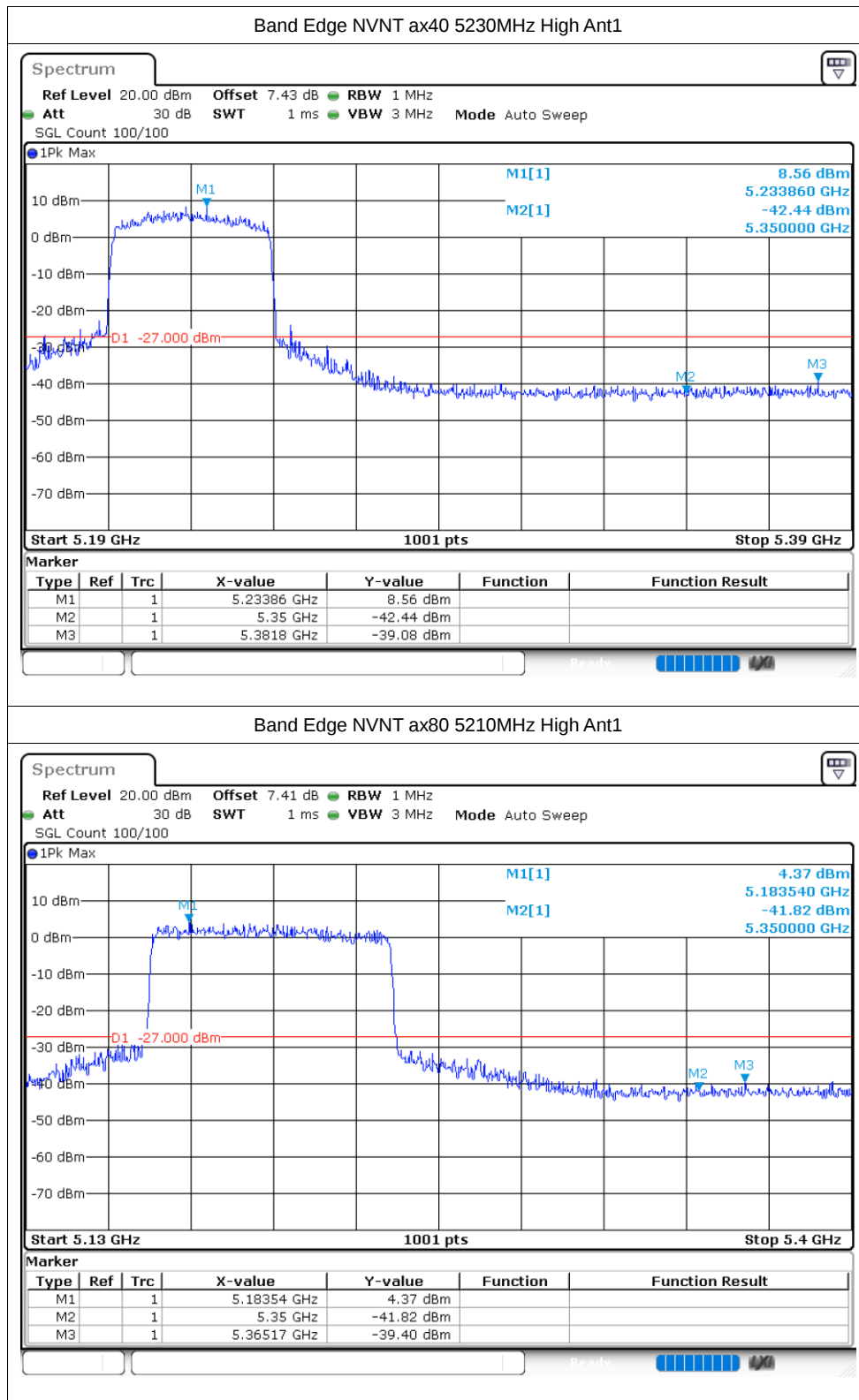










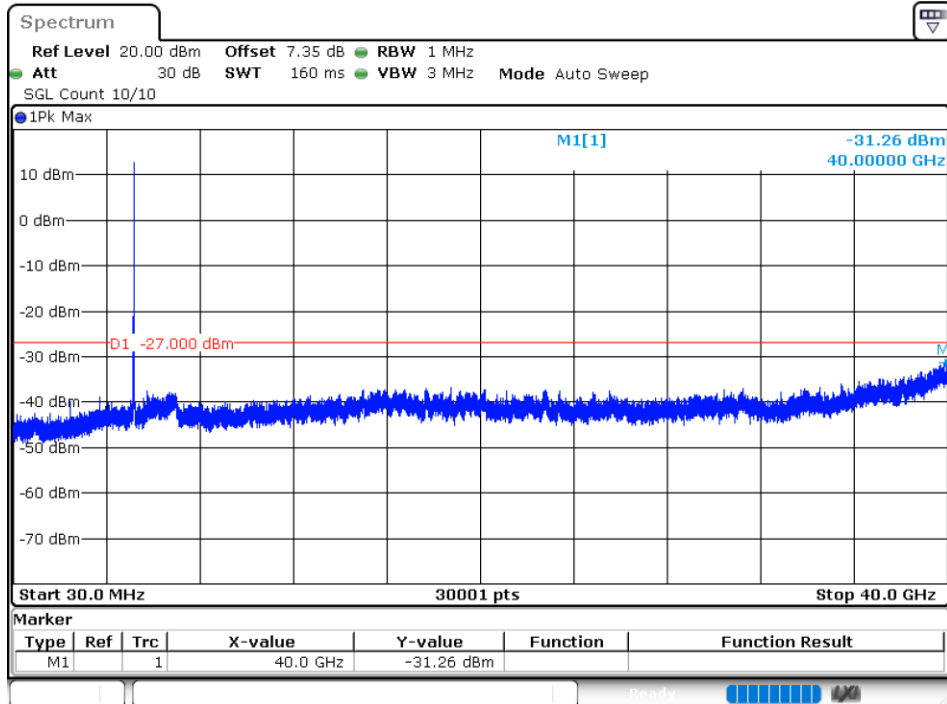


Conducted RF Spurious Emission

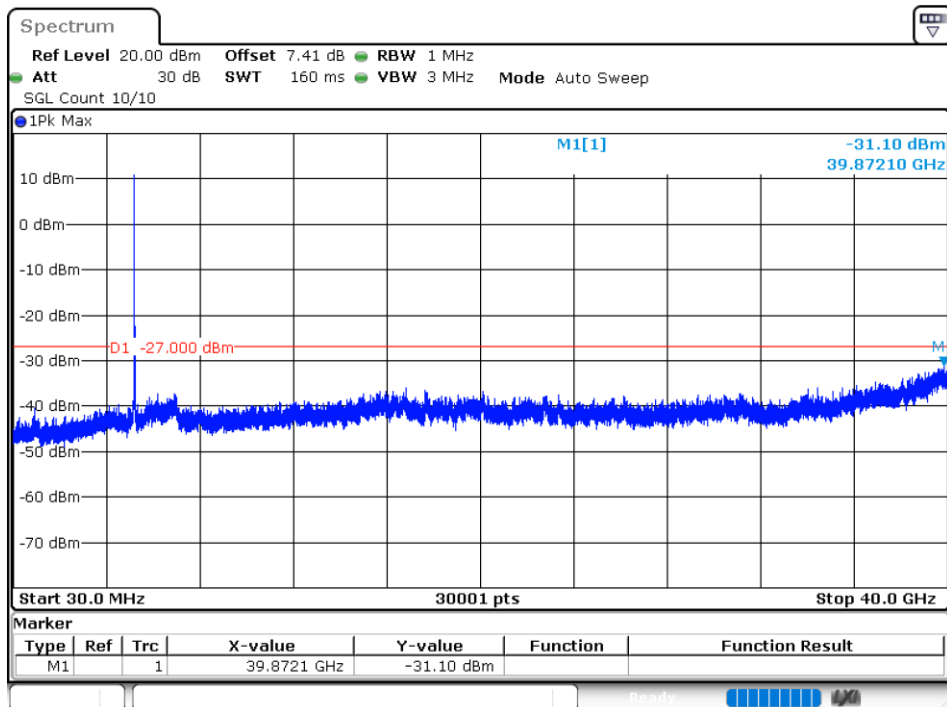
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-31.25	-27	Pass
NVNT	a	5200	Ant1	-31.1	-27	Pass
NVNT	a	5240	Ant1	-30.47	-27	Pass
NVNT	n20	5180	Ant1	-30.96	-27	Pass
NVNT	n20	5200	Ant1	-30.85	-27	Pass
NVNT	n20	5240	Ant1	-30.96	-27	Pass
NVNT	n40	5190	Ant1	-31.02	-27	Pass
NVNT	n40	5230	Ant1	-30.77	-27	Pass
NVNT	ac20	5180	Ant1	-30.94	-27	Pass
NVNT	ac20	5200	Ant1	-31.22	-27	Pass
NVNT	ac20	5240	Ant1	-30.77	-27	Pass
NVNT	ac40	5190	Ant1	-31.62	-27	Pass
NVNT	ac40	5230	Ant1	-30.7	-27	Pass
NVNT	ac80	5210	Ant1	-31.44	-27	Pass
NVNT	ax20	5180	Ant1	-31.35	-27	Pass
NVNT	ax20	5200	Ant1	-31.15	-27	Pass
NVNT	ax20	5240	Ant1	-30.54	-27	Pass
NVNT	ax40	5190	Ant1	-29.78	-27	Pass
NVNT	ax40	5230	Ant1	-31.5	-27	Pass
NVNT	ax80	5210	Ant1	-30.78	-27	Pass

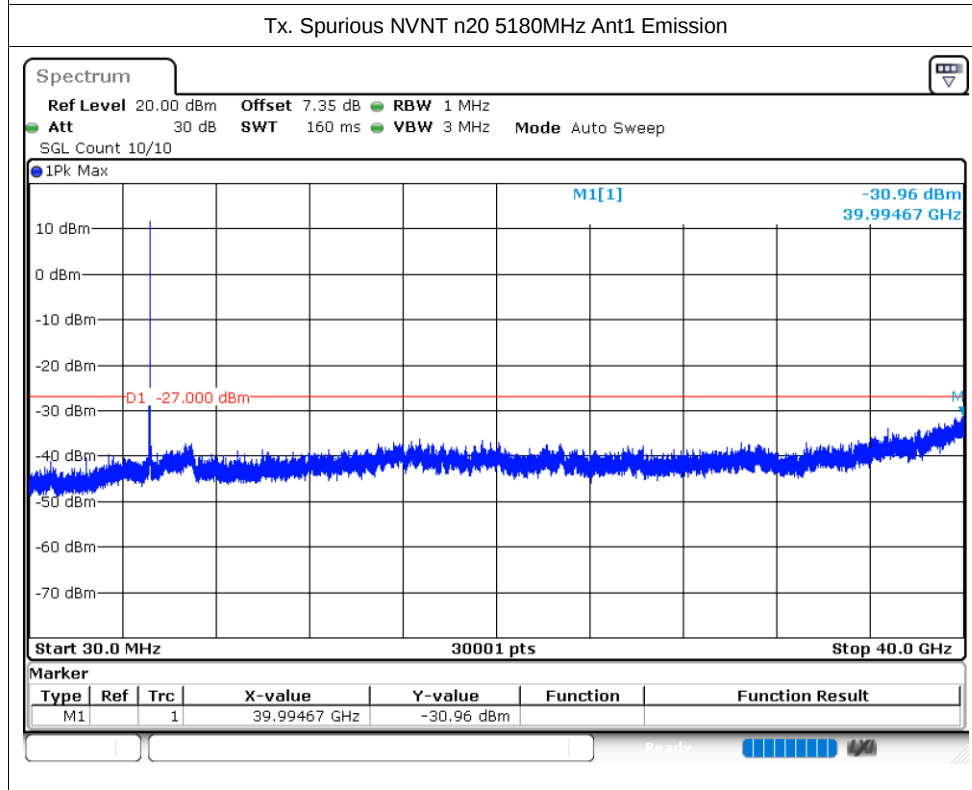
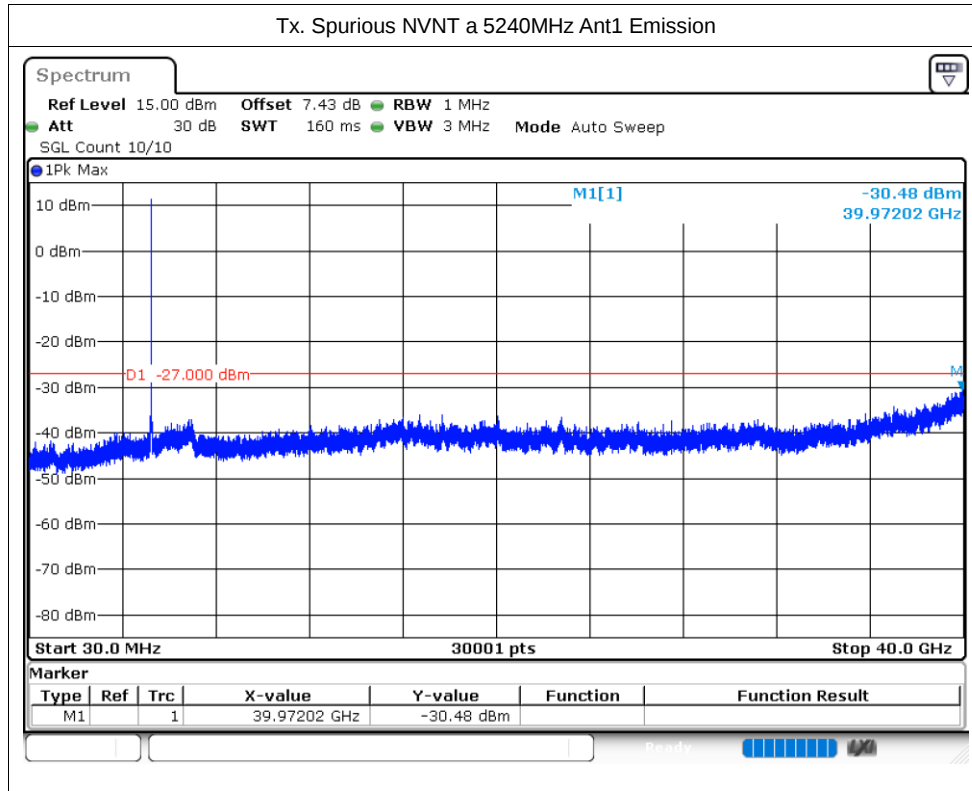
Test Graphs

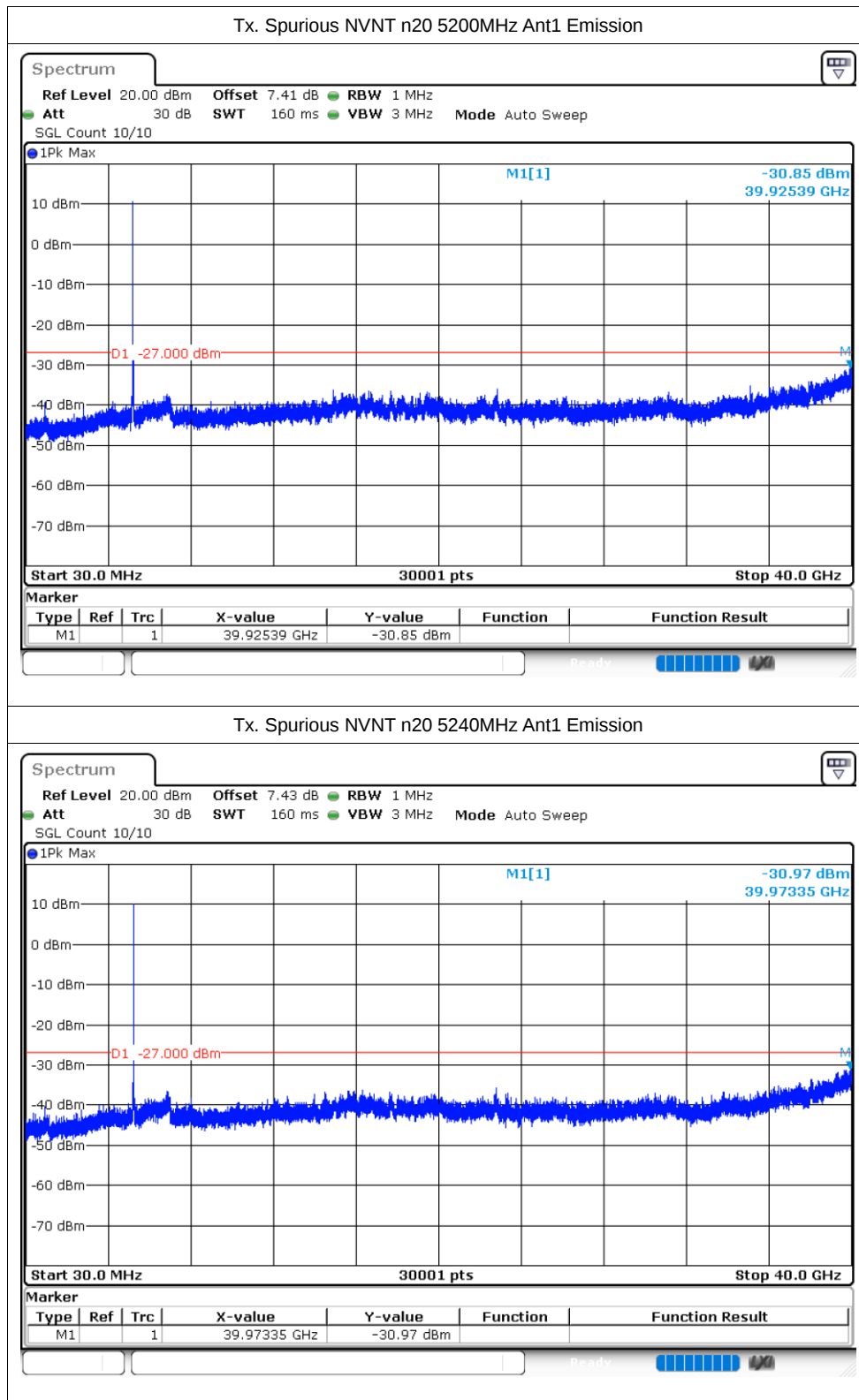
Tx. Spurious NVNT a 5180MHz Ant1 Emission

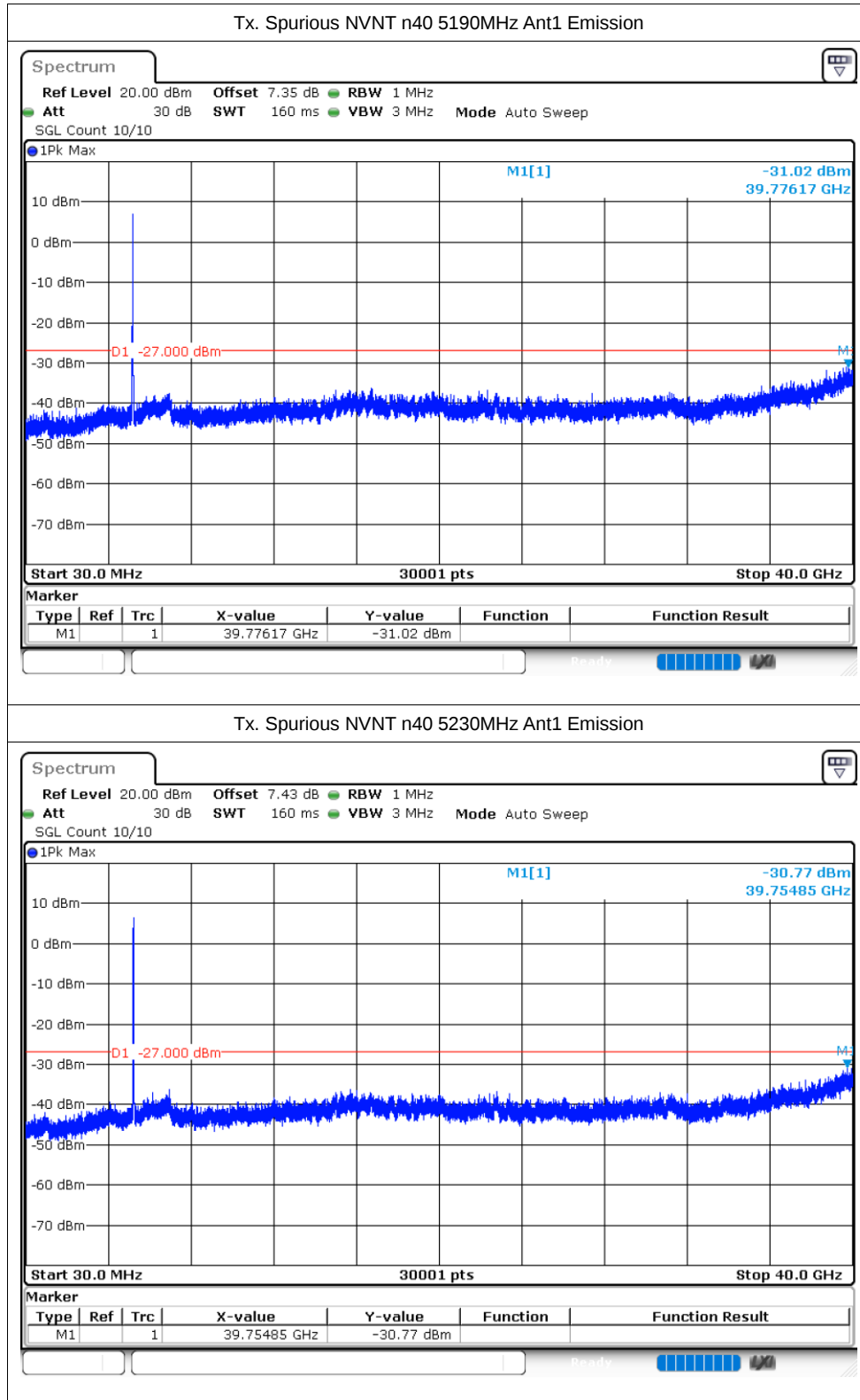


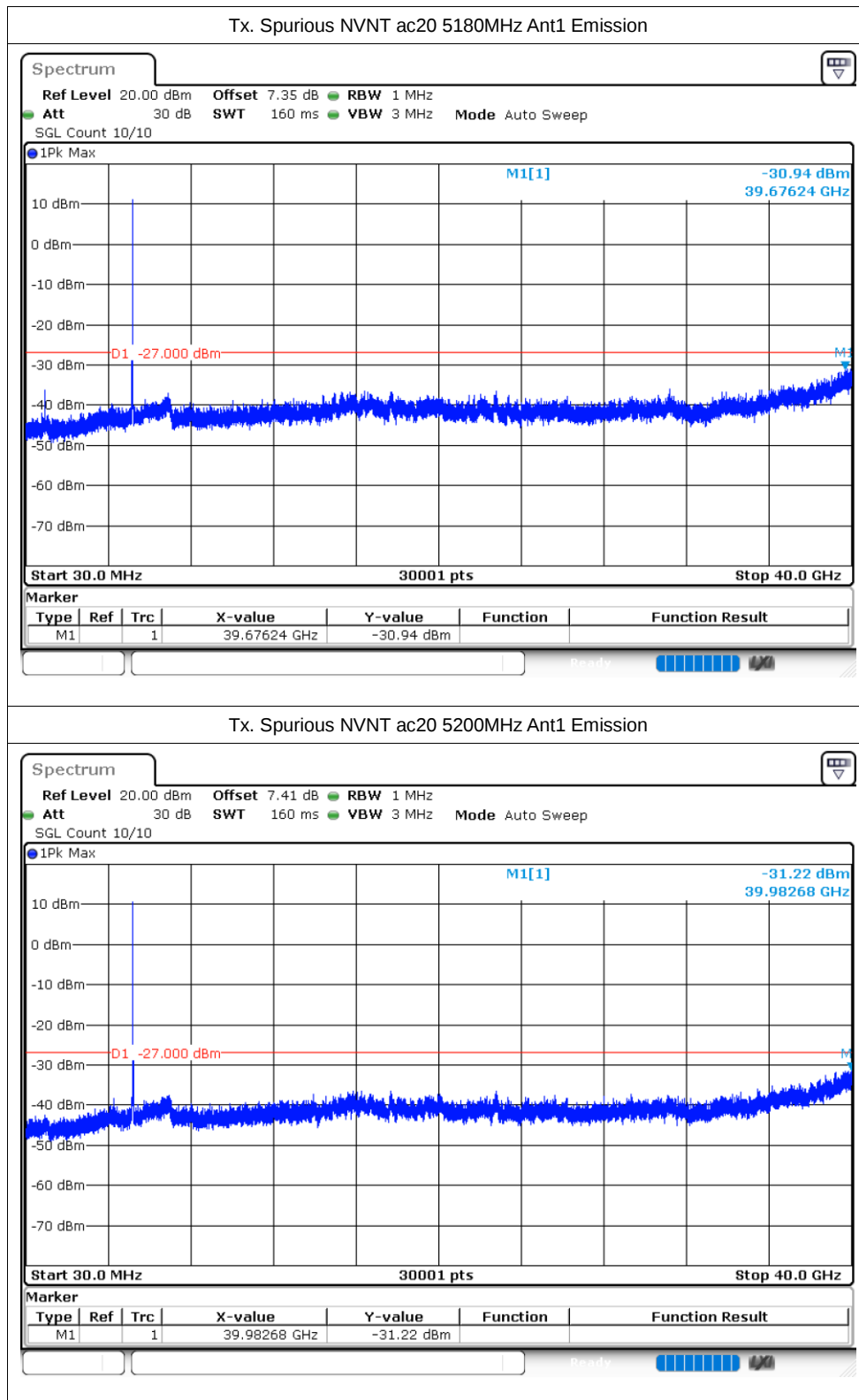
Tx. Spurious NVNT a 5200MHz Ant1 Emission

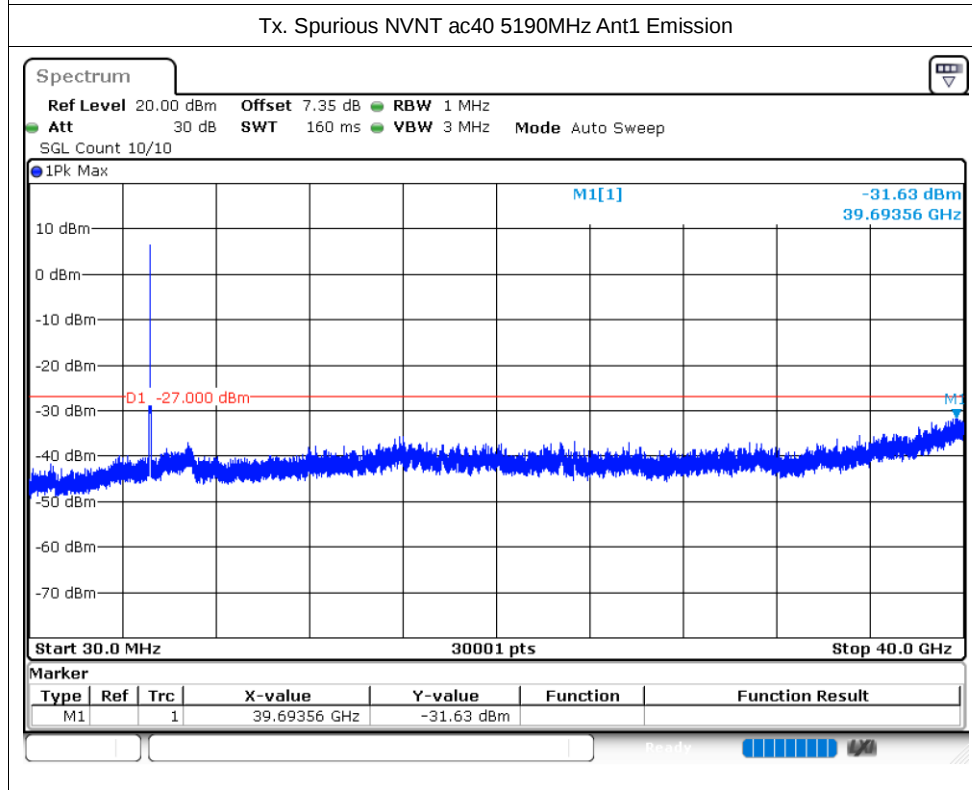
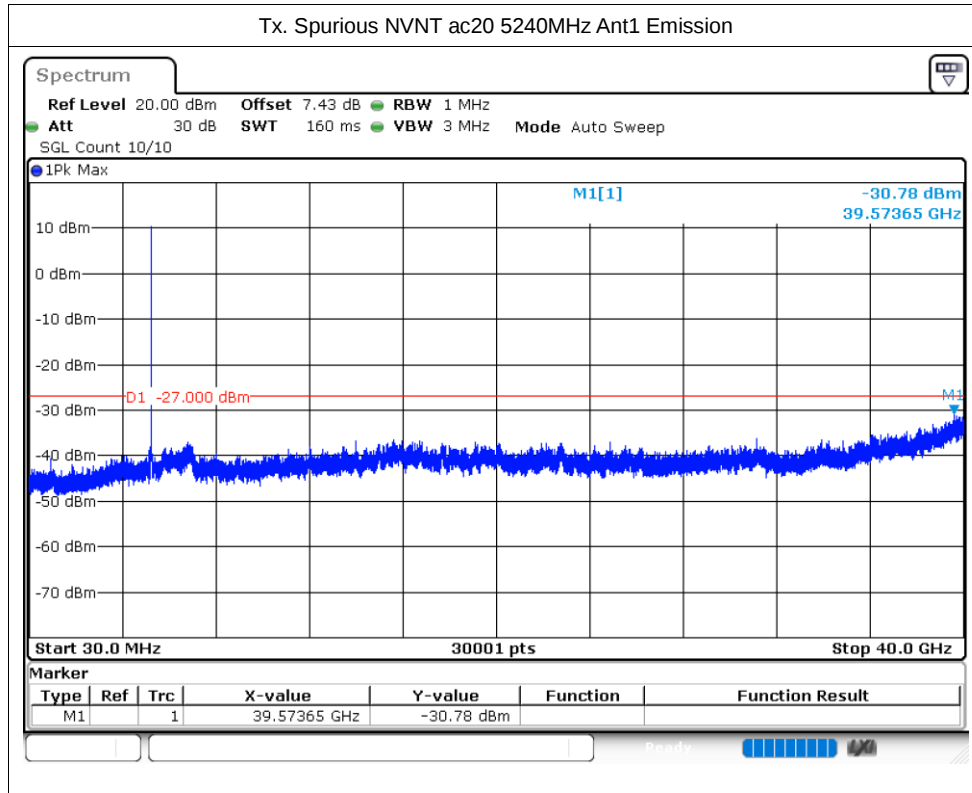


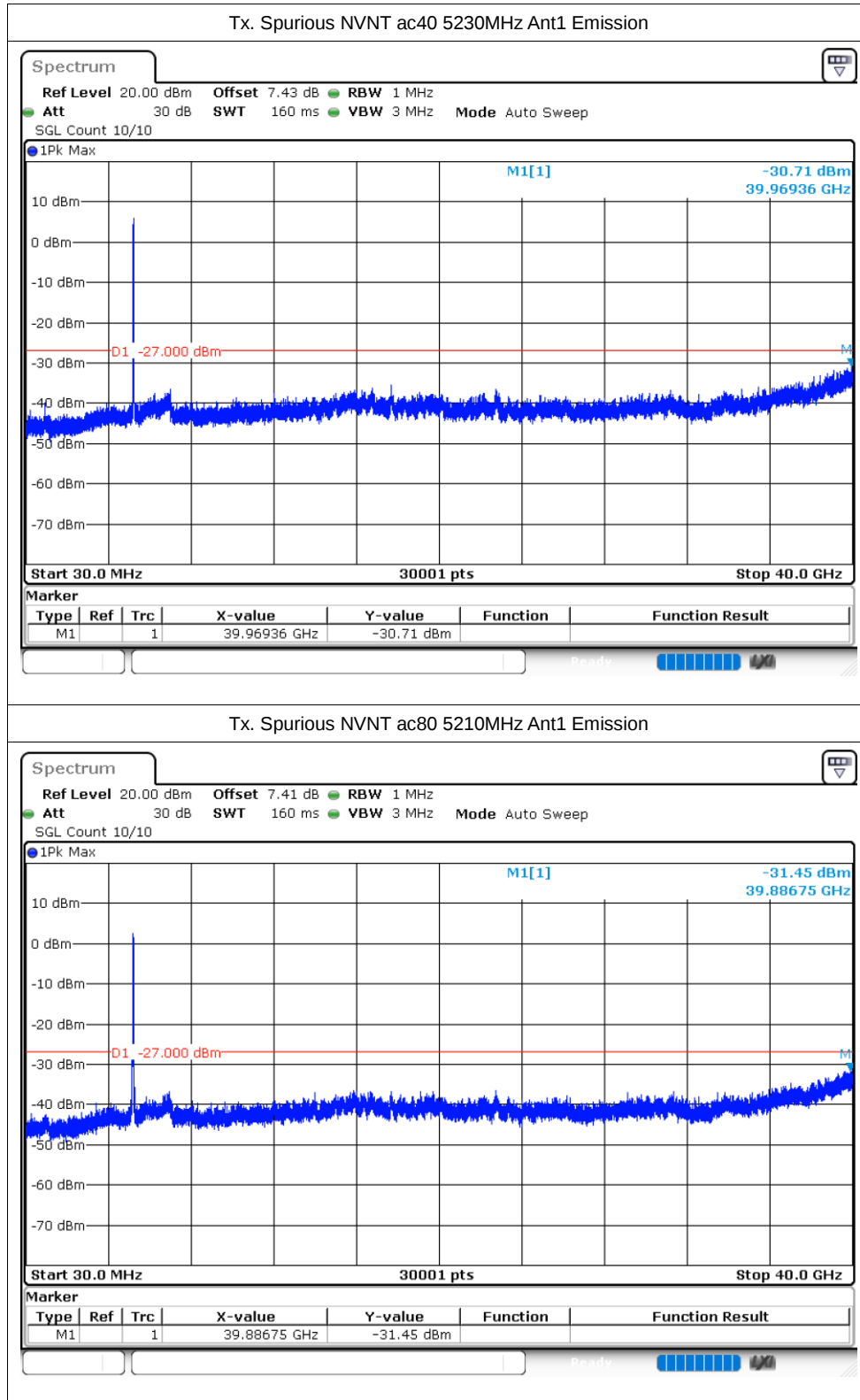


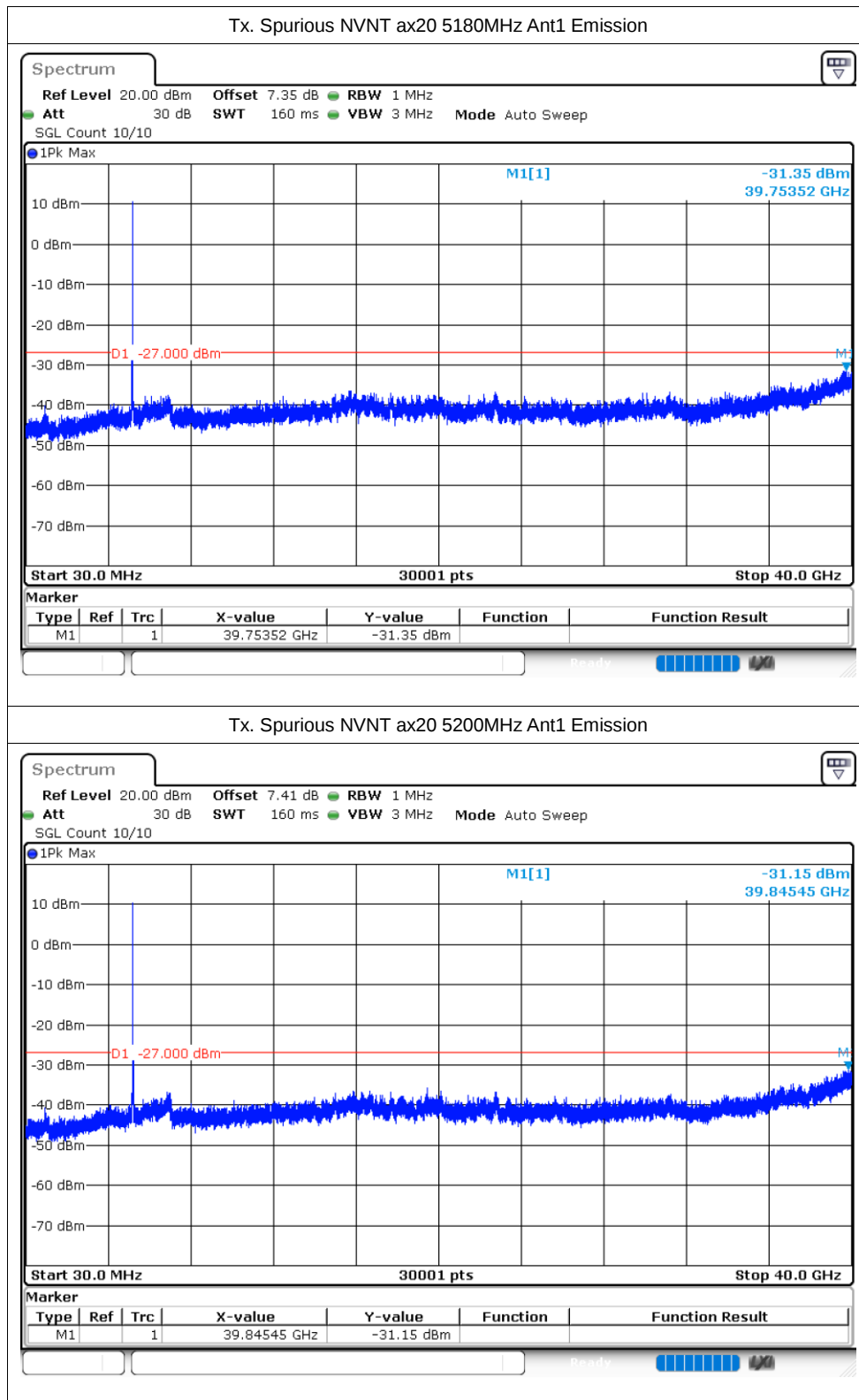


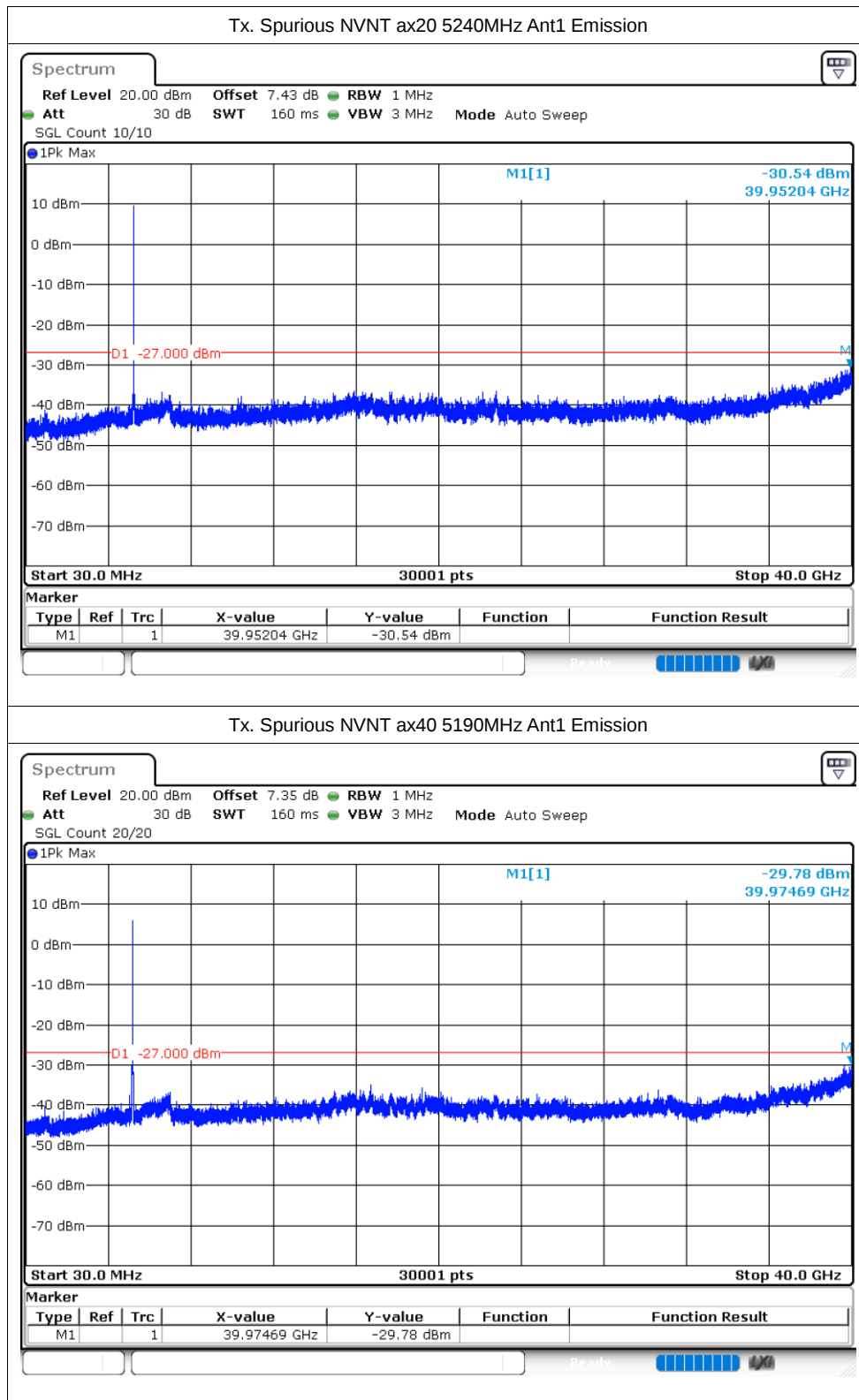


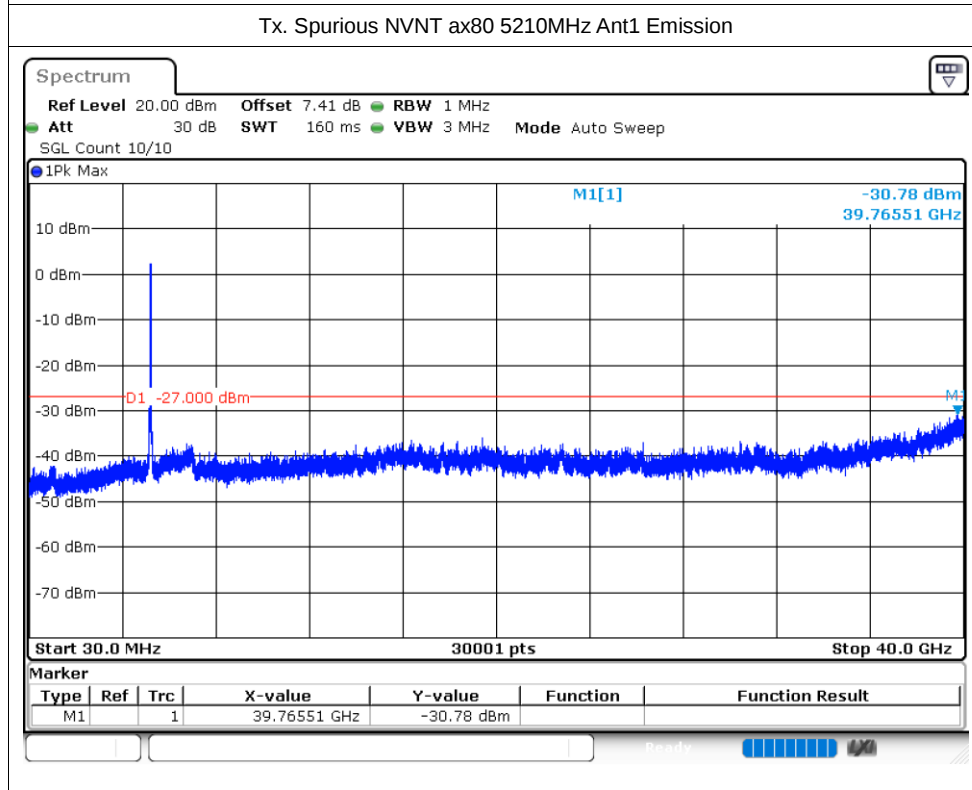
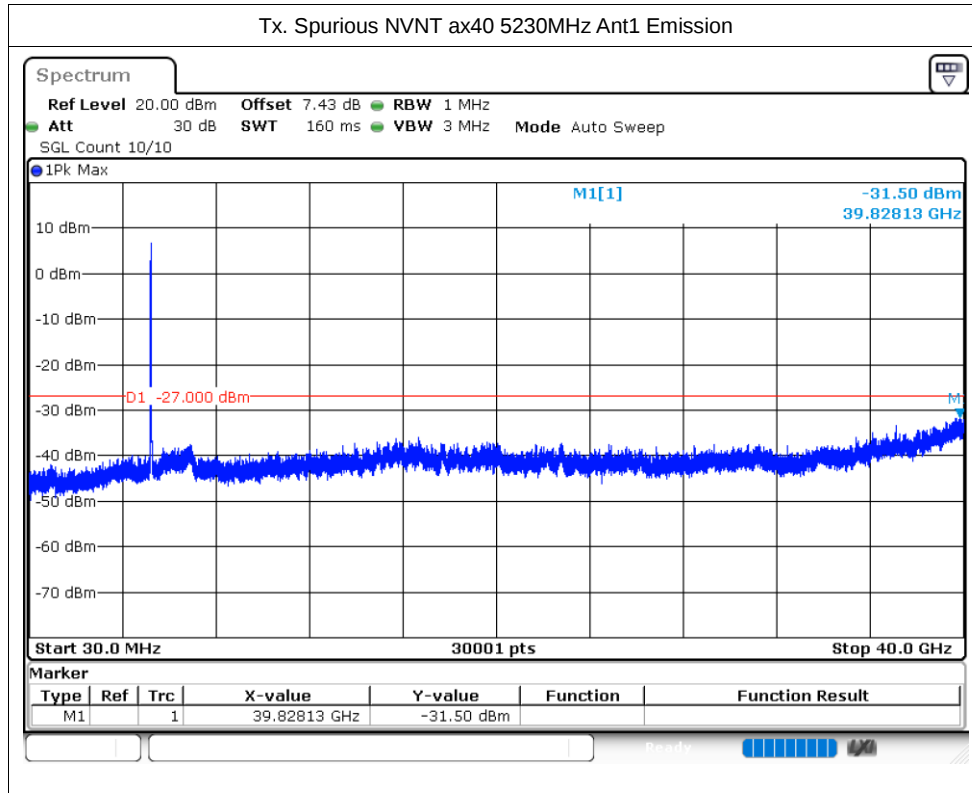












WIFI 5.8G:

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	90.27	0.44	0.72
NVNT	a	5785	Ant1	90.25	0.45	0.72
NVNT	a	5825	Ant1	99.98	0	0.04
NVNT	n20	5745	Ant1	89.65	0.47	0.77
NVNT	n20	5785	Ant1	89.65	0.47	0.77
NVNT	n20	5825	Ant1	99.97	0	0.01
NVNT	n40	5755	Ant1	98	0.09	1.52
NVNT	n40	5795	Ant1	98.28	0.08	0.75
NVNT	ac20	5745	Ant1	89.8	0.47	0.77
NVNT	ac20	5785	Ant1	89.8	0.47	0.76
NVNT	ac20	5825	Ant1	100	0	0
NVNT	ac40	5755	Ant1	96.38	0.16	1.54
NVNT	ac40	5795	Ant1	96.39	0.16	1.52
NVNT	ac80	5775	Ant1	93.18	0.31	3.03
NVNT	ax20	5745	Ant1	87.25	0.59	0.99
NVNT	ax20	5785	Ant1	87.23	0.59	0.99
NVNT	ax20	5825	Ant1	87.23	0.59	0.99
NVNT	ax40	5755	Ant1	96.57	0.15	1.52
NVNT	ax40	5795	Ant1	96.62	0.15	1.54
NVNT	ax80	5775	Ant1	93.47	0.29	3.03

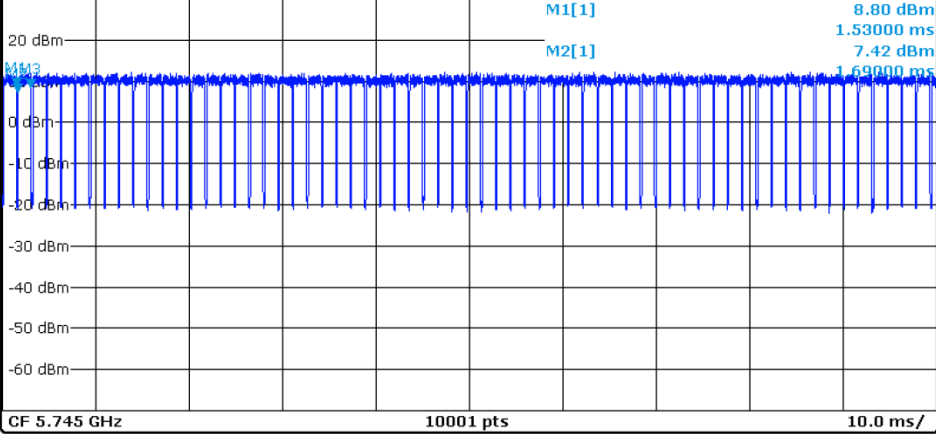
Test Graphs

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

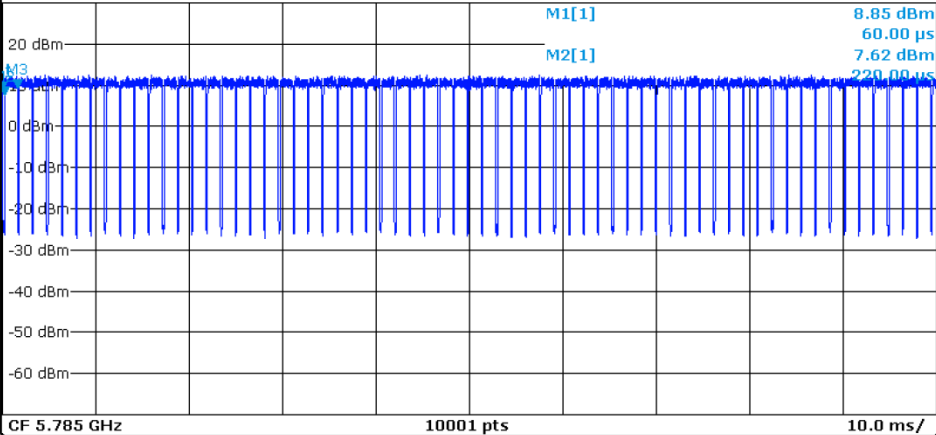
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.53 ms	8.80 dBm		
M2		1	1.69 ms	7.42 dBm		
M3		1	3.08 ms	8.55 dBm		

Duty Cycle NVNT a 5785MHz Ant1

Spectrum

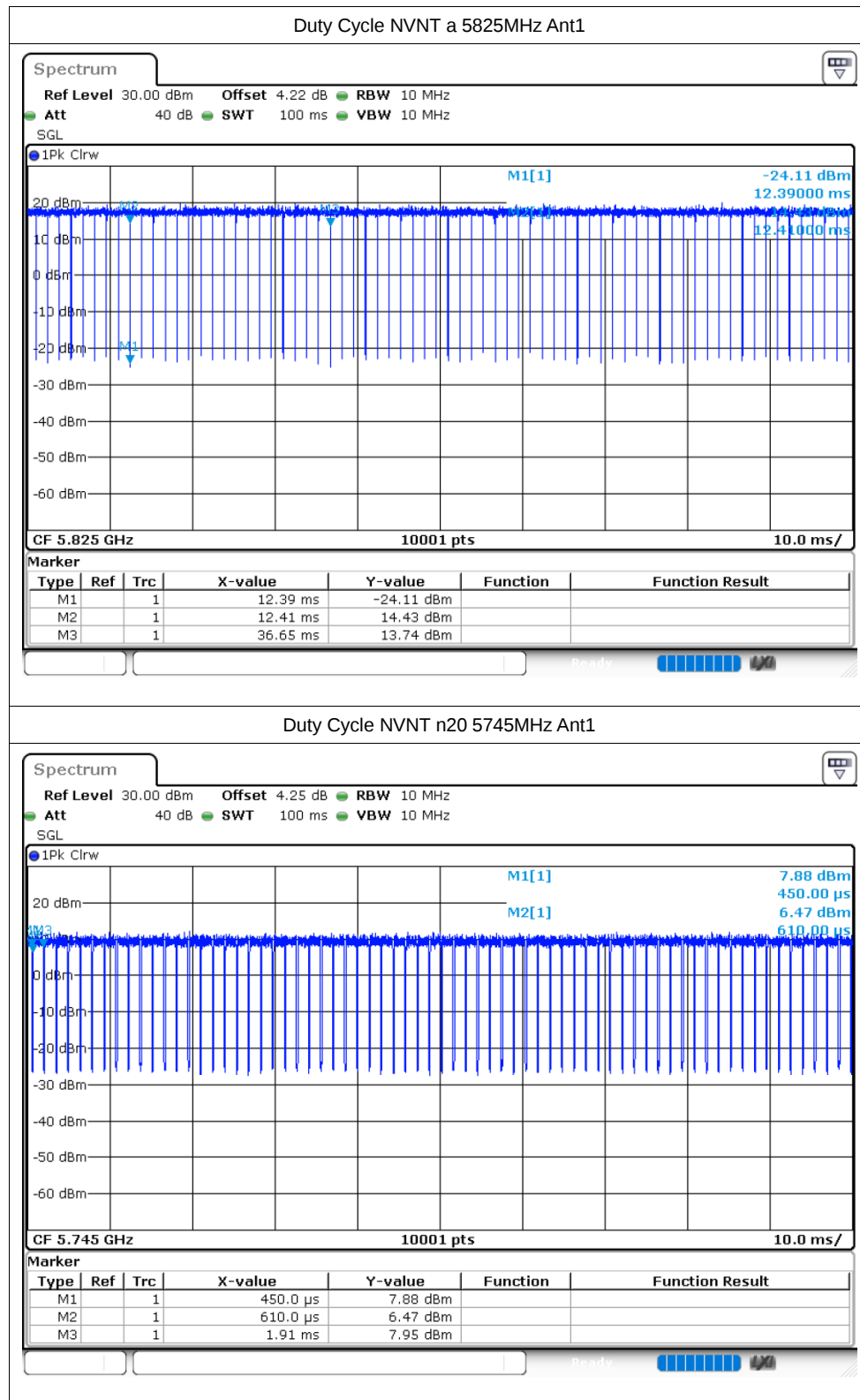
Ref Level 30.00 dBm Offset 4.24 dB RBW 10 MHz
 Att 40 dB SWT 100 ms VBW 10 MHz
 SGL

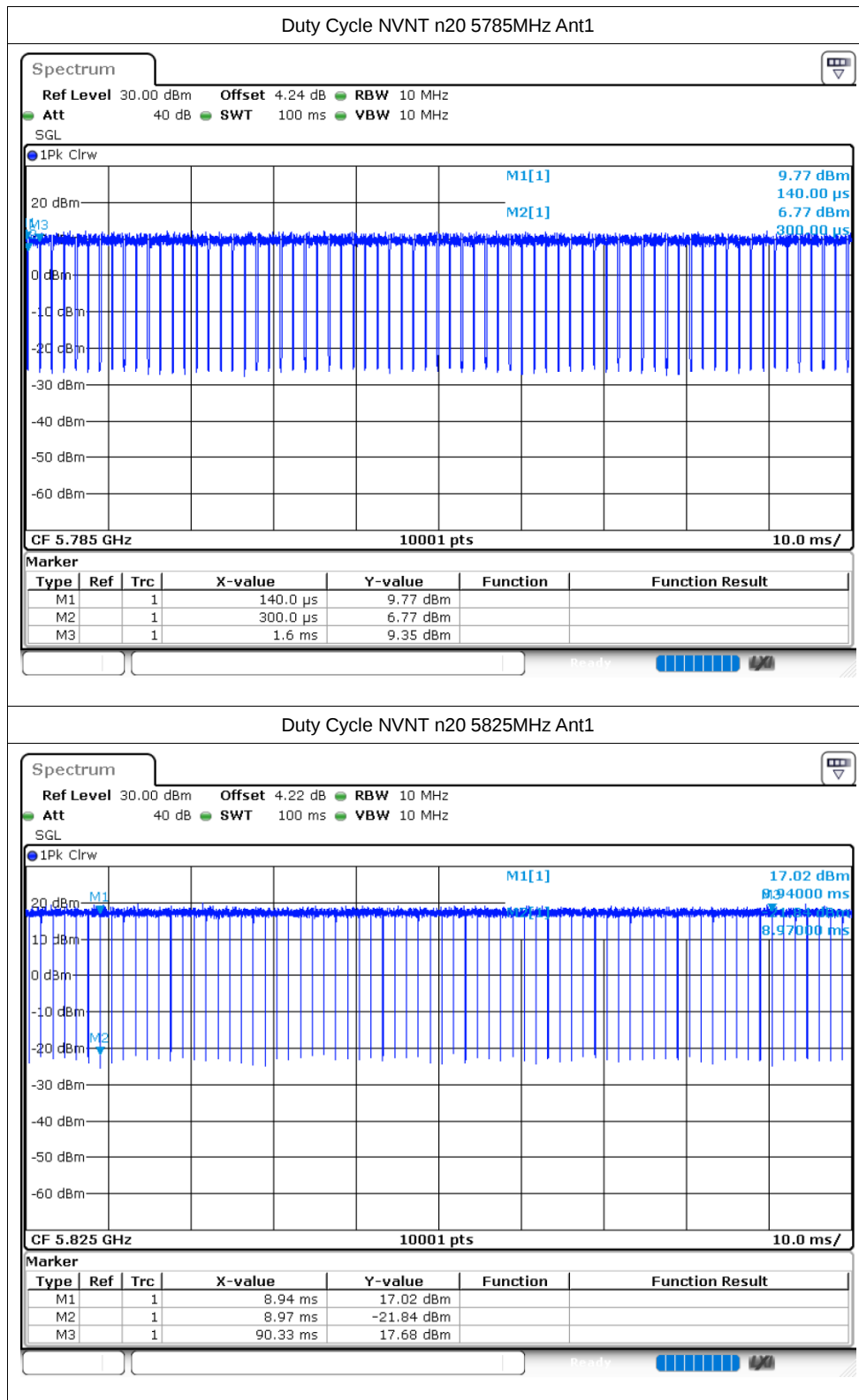
1Pk Clrw

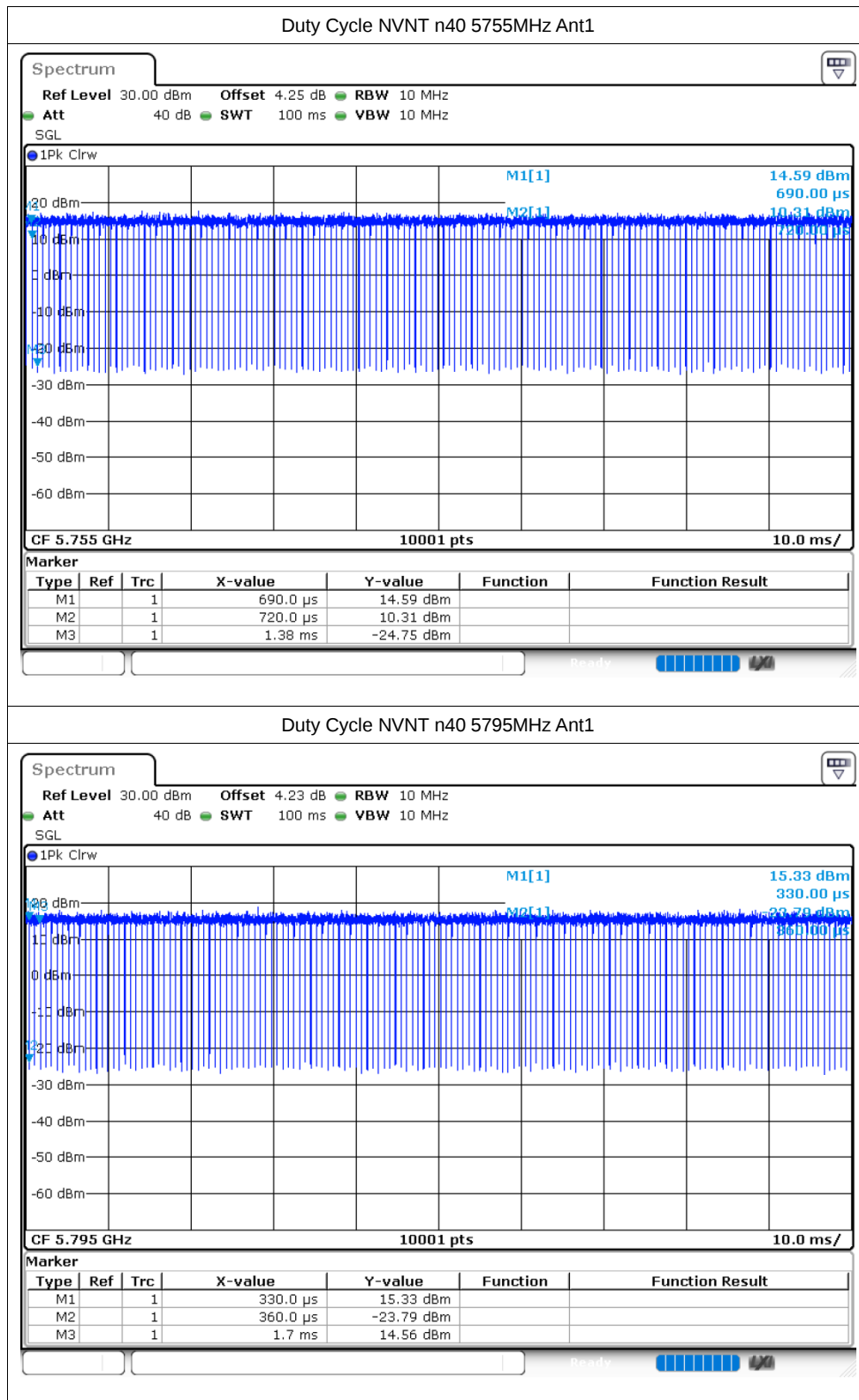


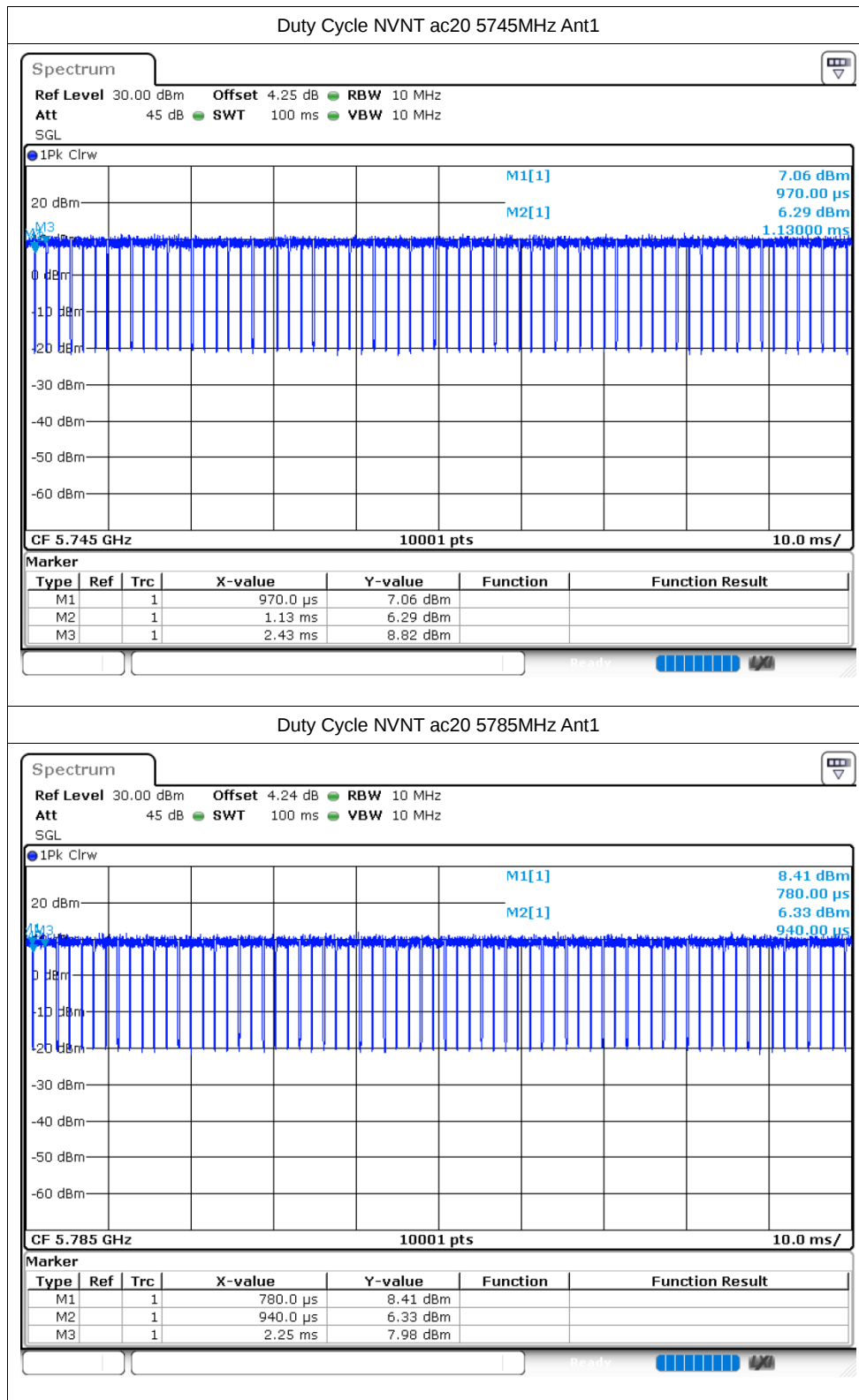
Marker

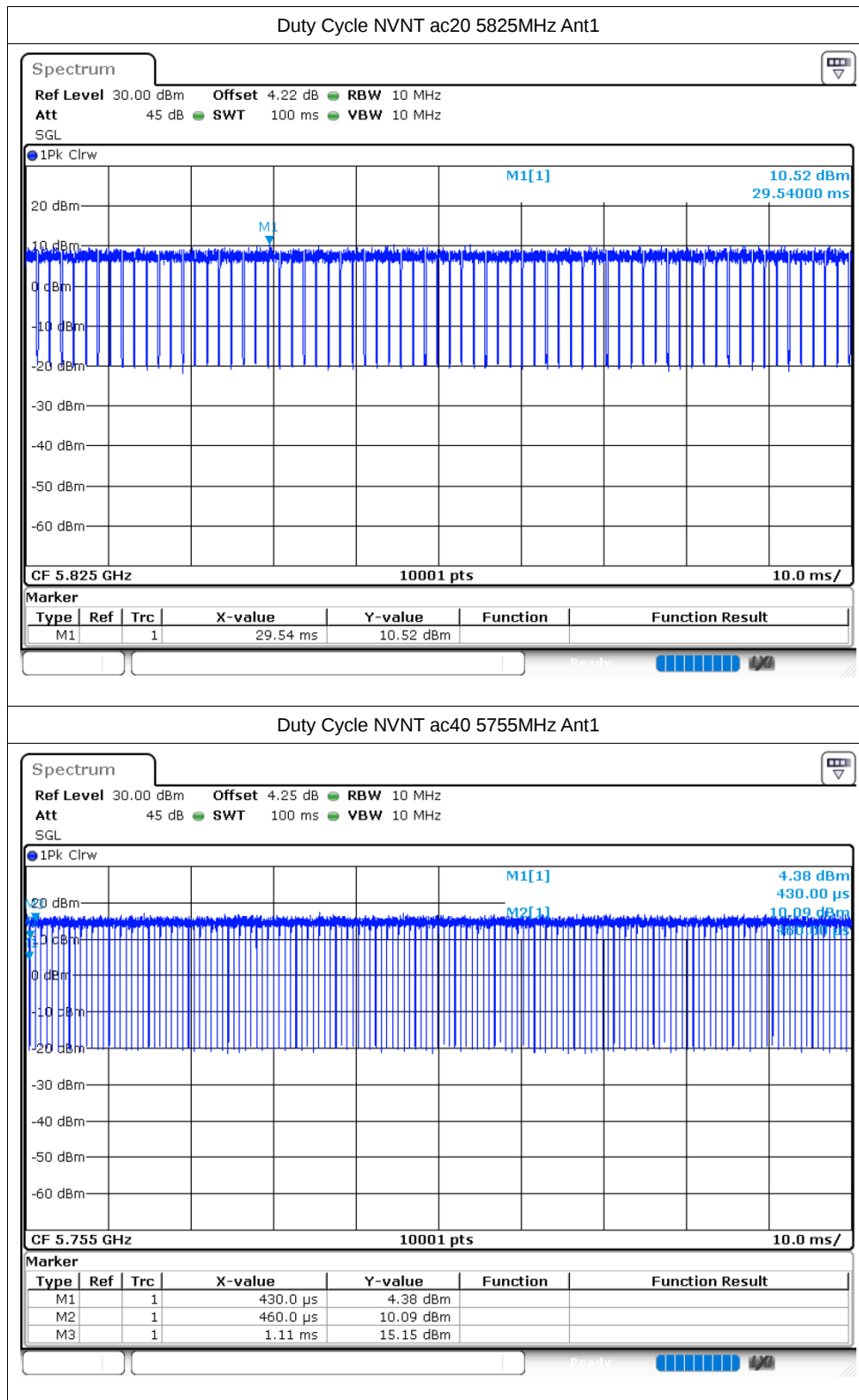
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	60.0 μs	8.85 dBm		
M2		1	220.0 μs	7.62 dBm		
M3		1	1.61 ms	9.30 dBm		

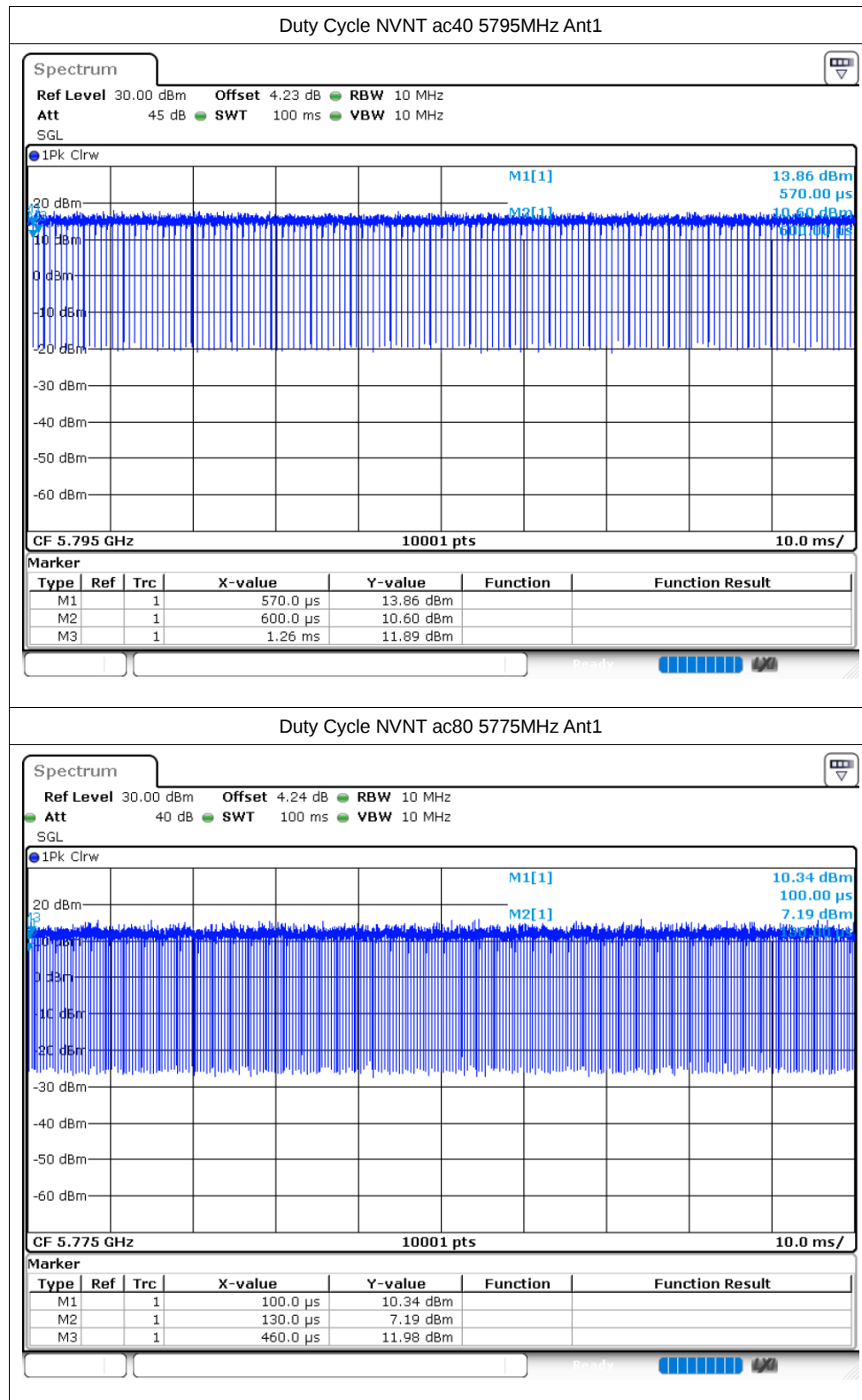


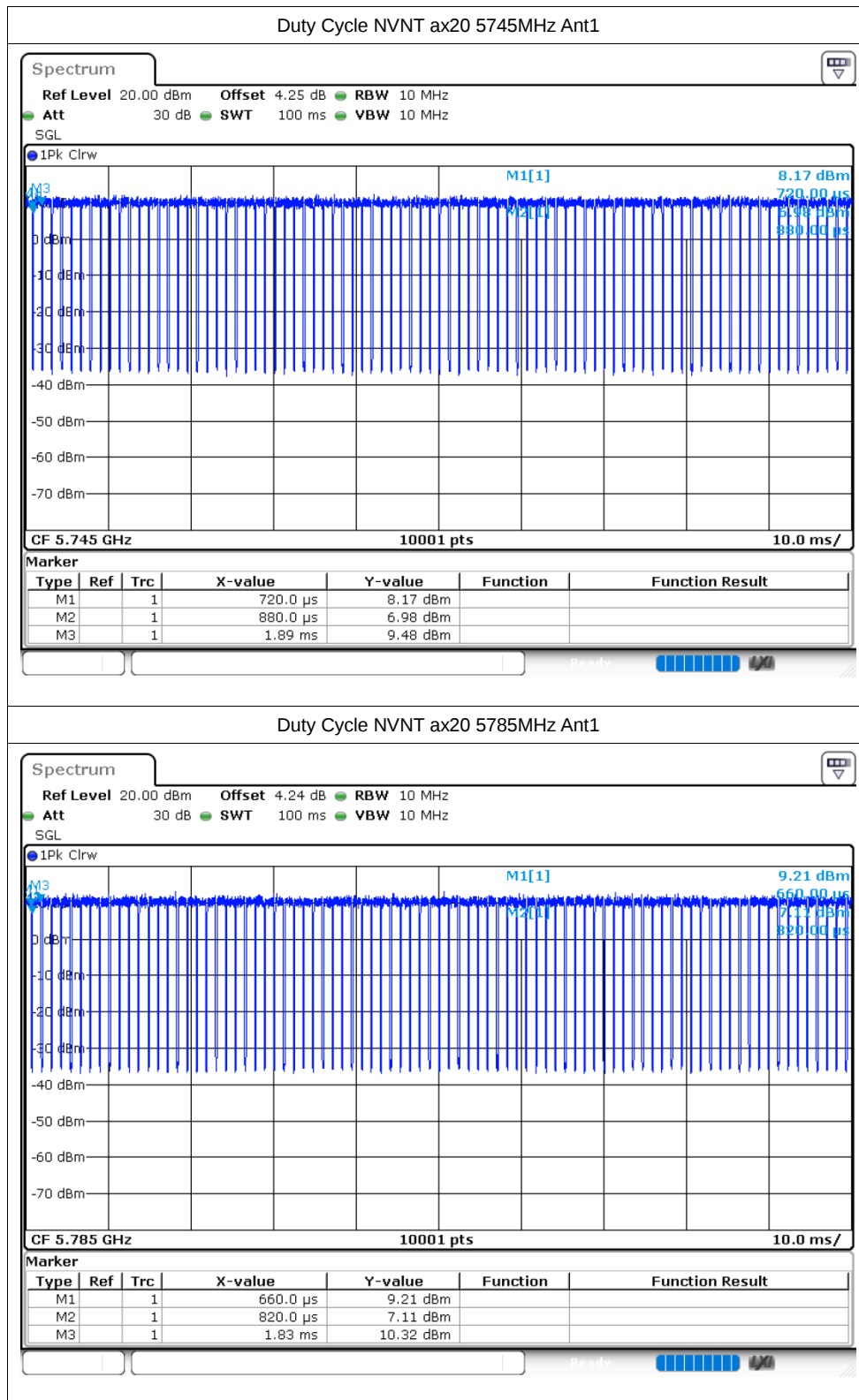


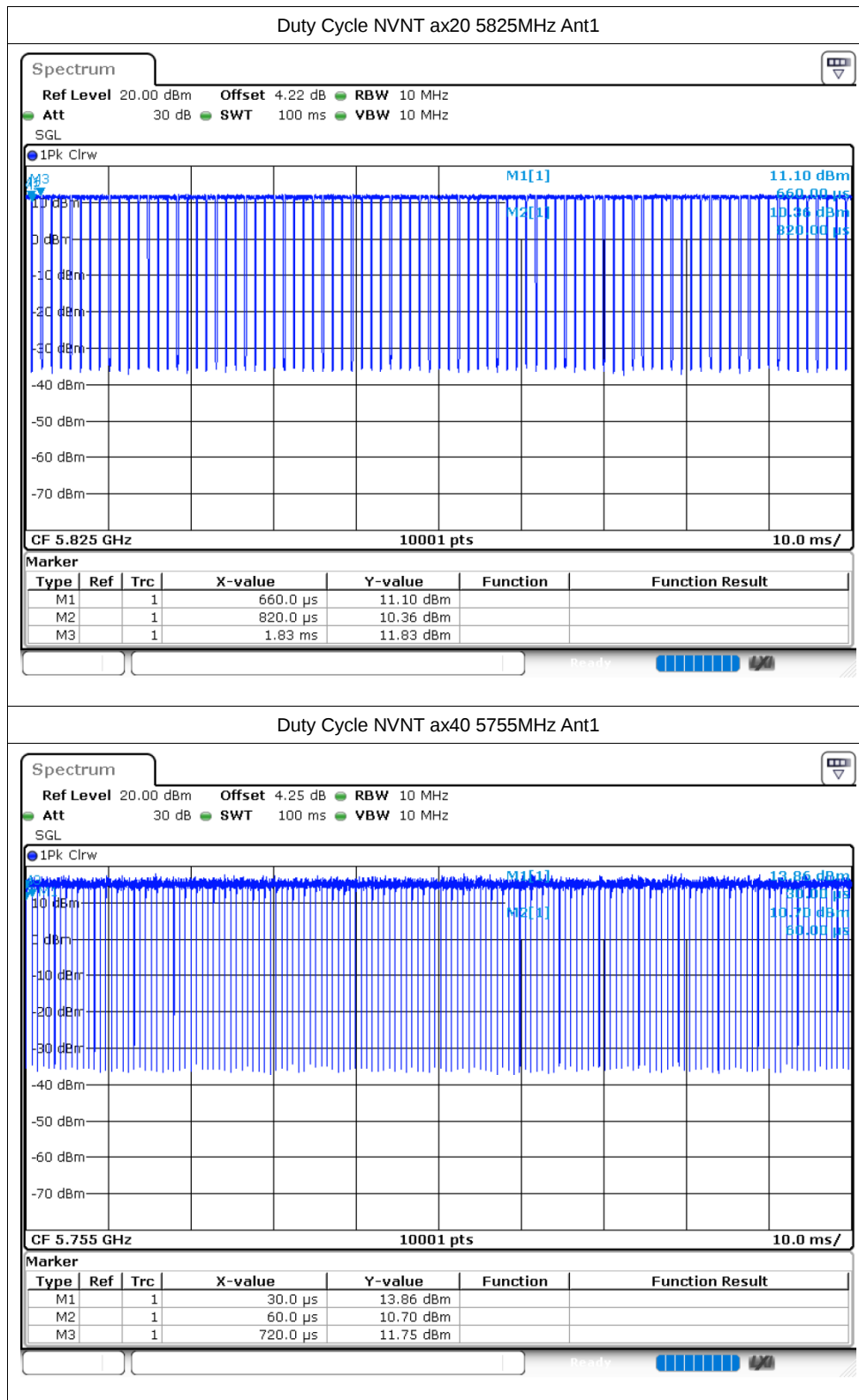


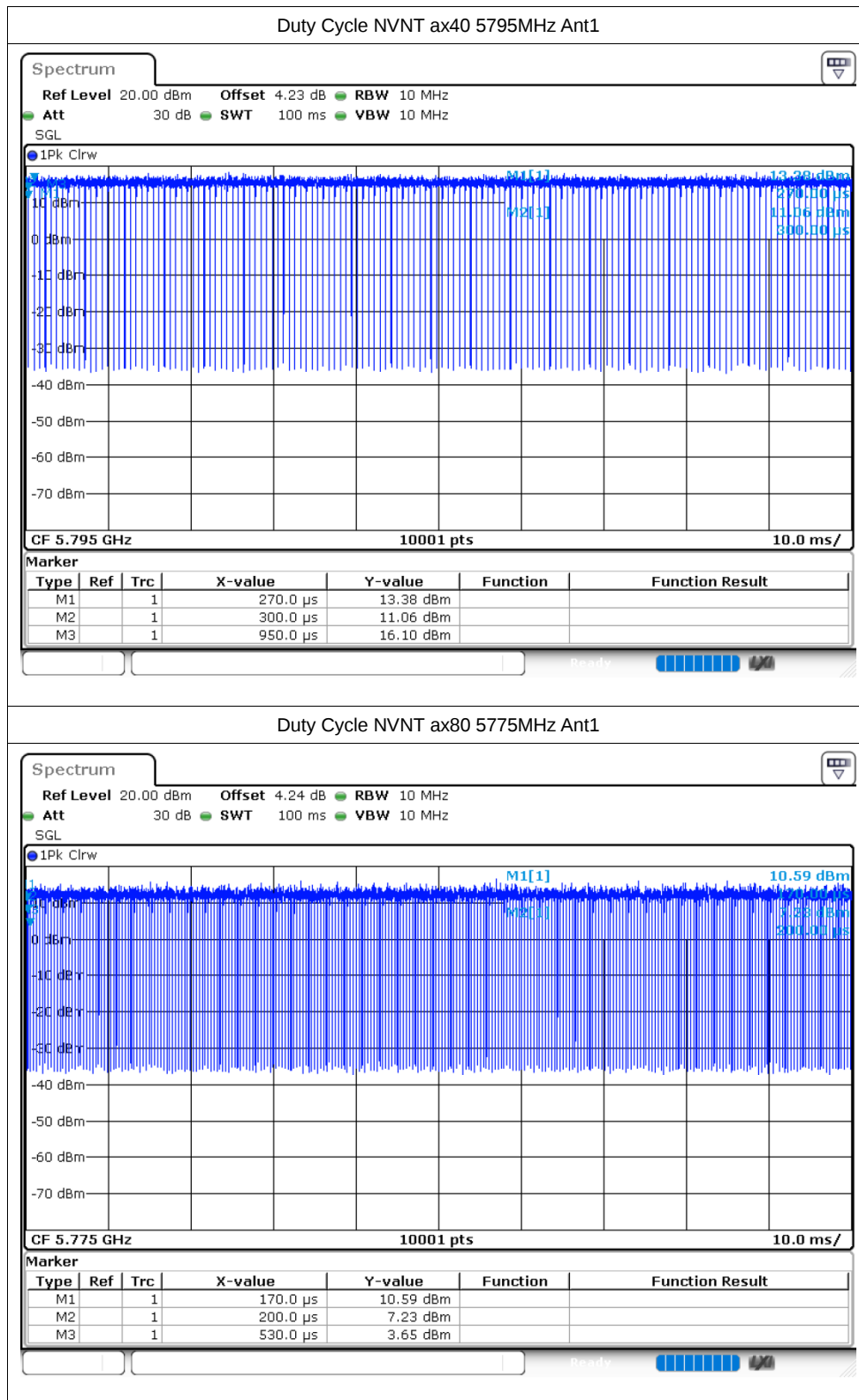












Maximum Conducted Output Power

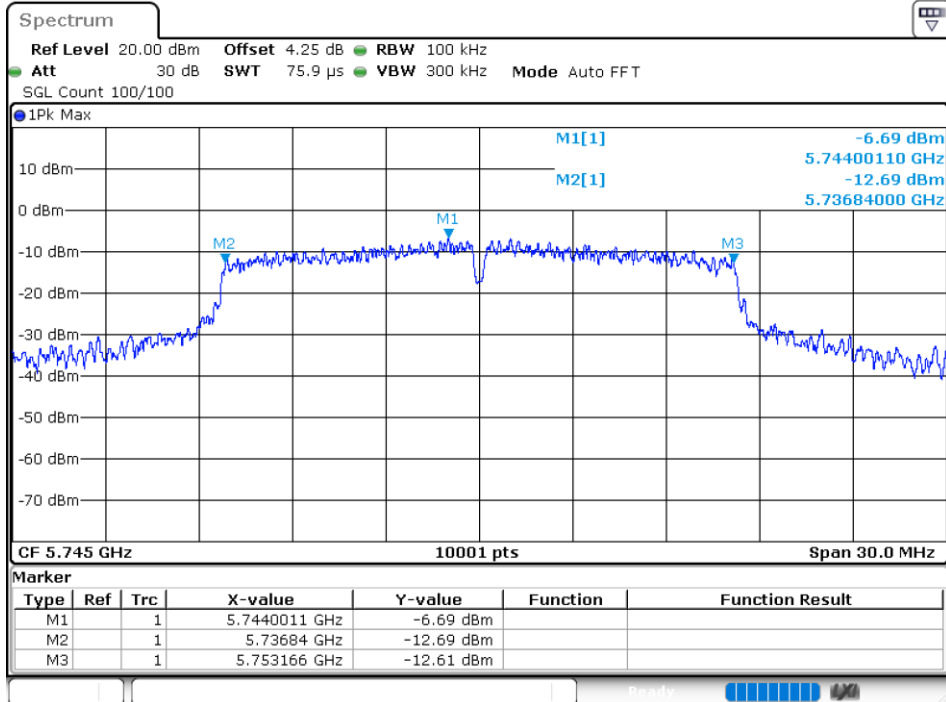
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	7.56	30	Pass
NVNT	a	5785	Ant1	6.29	30	Pass
NVNT	a	5825	Ant1	5.61	30	Pass
NVNT	n20	5745	Ant1	7.61	30	Pass
NVNT	n20	5785	Ant1	6.16	30	Pass
NVNT	n20	5825	Ant1	5.83	30	Pass
NVNT	n40	5755	Ant1	7.87	30	Pass
NVNT	n40	5795	Ant1	6.31	30	Pass
NVNT	ac20	5745	Ant1	7.47	30	Pass
NVNT	ac20	5785	Ant1	6.15	30	Pass
NVNT	ac20	5825	Ant1	5.68	30	Pass
NVNT	ac40	5755	Ant1	7.89	30	Pass
NVNT	ac40	5795	Ant1	6.61	30	Pass
NVNT	ac80	5775	Ant1	6.95	30	Pass
NVNT	ax20	5745	Ant1	9.36	30	Pass
NVNT	ax20	5785	Ant1	8.41	30	Pass
NVNT	ax20	5825	Ant1	8.4	30	Pass
NVNT	ax40	5755	Ant1	9.42	30	Pass
NVNT	ax40	5795	Ant1	8.41	30	Pass
NVNT	ax80	5775	Ant1	8.89	30	Pass

-6dB Bandwidth

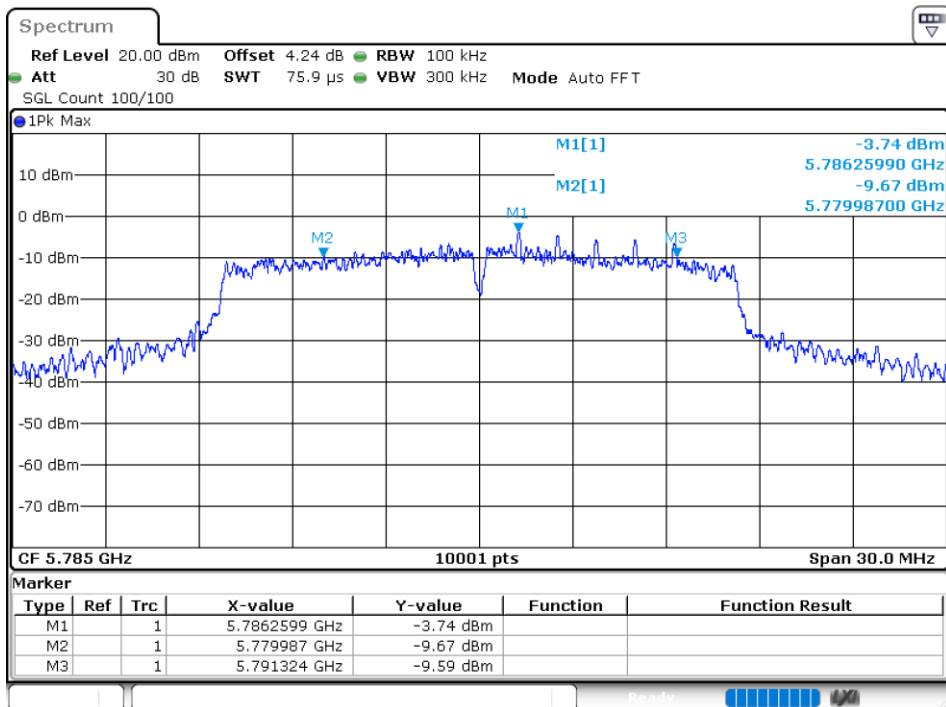
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.326	0.5	Pass
NVNT	a	5785	Ant1	11.337	0.5	Pass
NVNT	a	5825	Ant1	11.259	0.5	Pass
NVNT	n20	5745	Ant1	13.206	0.5	Pass
NVNT	n20	5785	Ant1	17.565	0.5	Pass
NVNT	n20	5825	Ant1	16.923	0.5	Pass
NVNT	n40	5755	Ant1	25.896	0.5	Pass
NVNT	n40	5795	Ant1	33.798	0.5	Pass
NVNT	ac20	5745	Ant1	11.73	0.5	Pass
NVNT	ac20	5785	Ant1	17.154	0.5	Pass
NVNT	ac20	5825	Ant1	17.553	0.5	Pass
NVNT	ac40	5755	Ant1	35.13	0.5	Pass
NVNT	ac40	5795	Ant1	29.082	0.5	Pass
NVNT	ac80	5775	Ant1	75.132	0.5	Pass
NVNT	ax20	5745	Ant1	15.027	0.5	Pass
NVNT	ax20	5785	Ant1	17.562	0.5	Pass
NVNT	ax20	5825	Ant1	12.837	0.5	Pass
NVNT	ax40	5755	Ant1	29.238	0.5	Pass
NVNT	ax40	5795	Ant1	35.094	0.5	Pass
NVNT	ax80	5775	Ant1	77.04	0.5	Pass

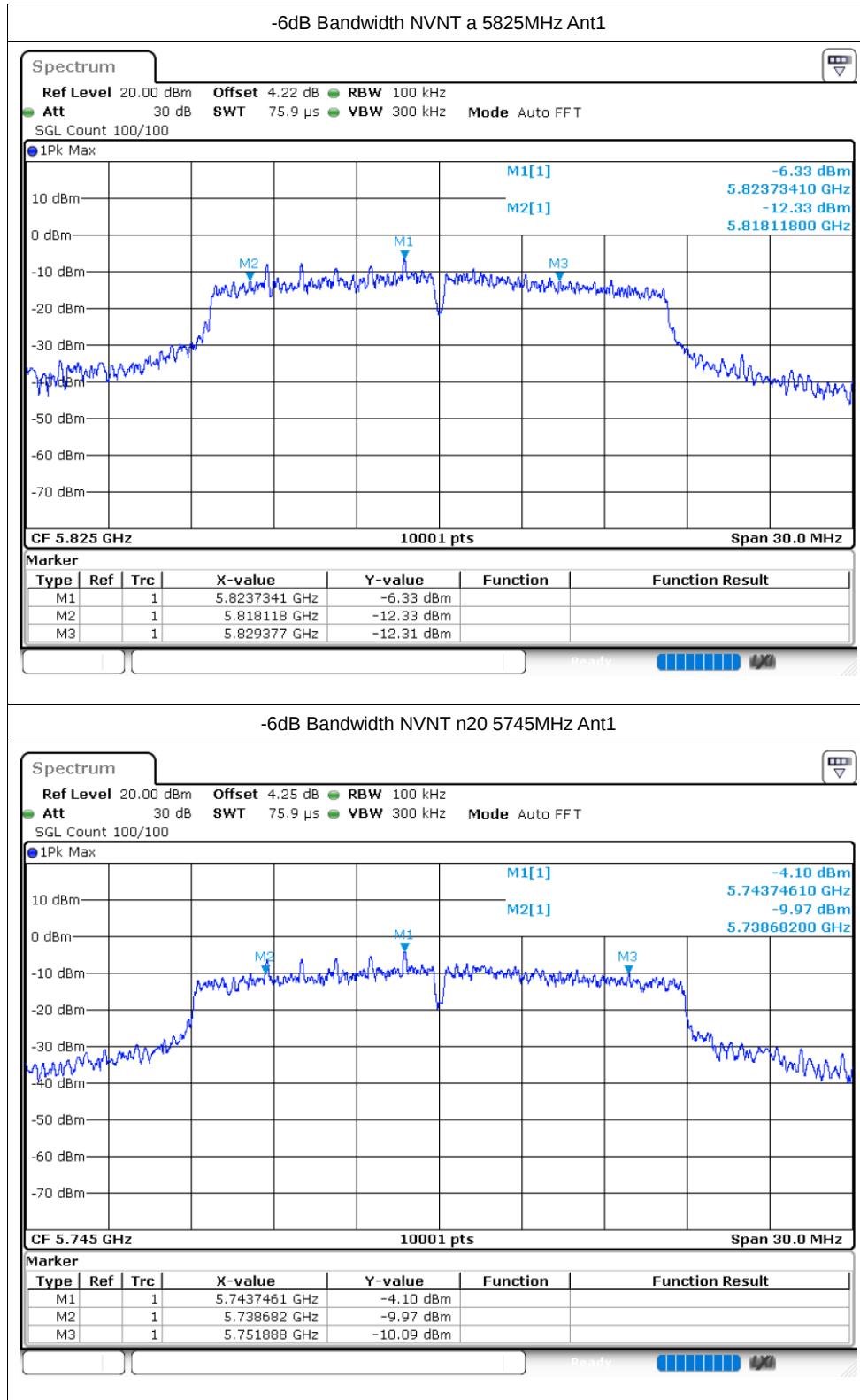
Test Graphs

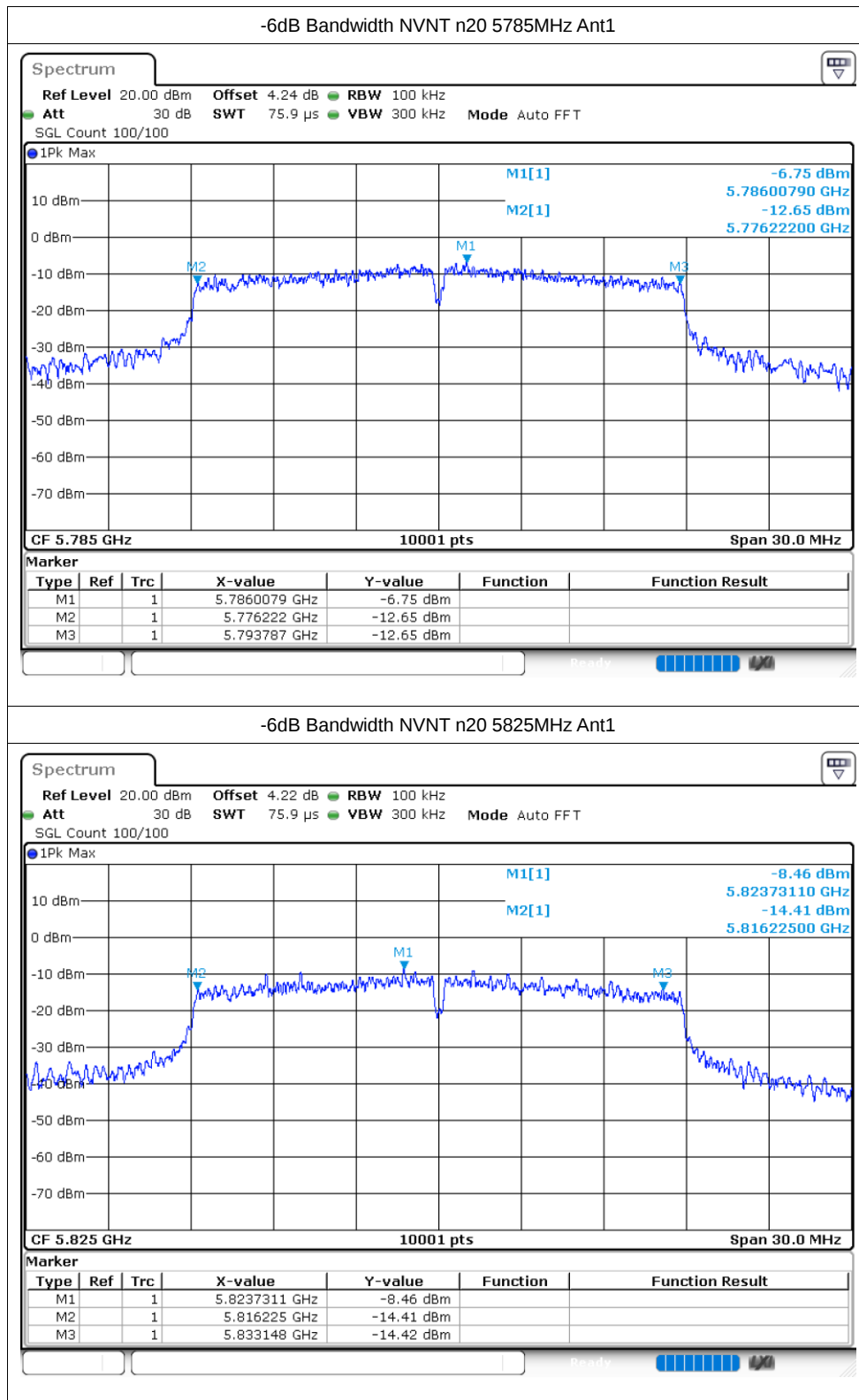
-6dB Bandwidth NVNT a 5745MHz Ant1

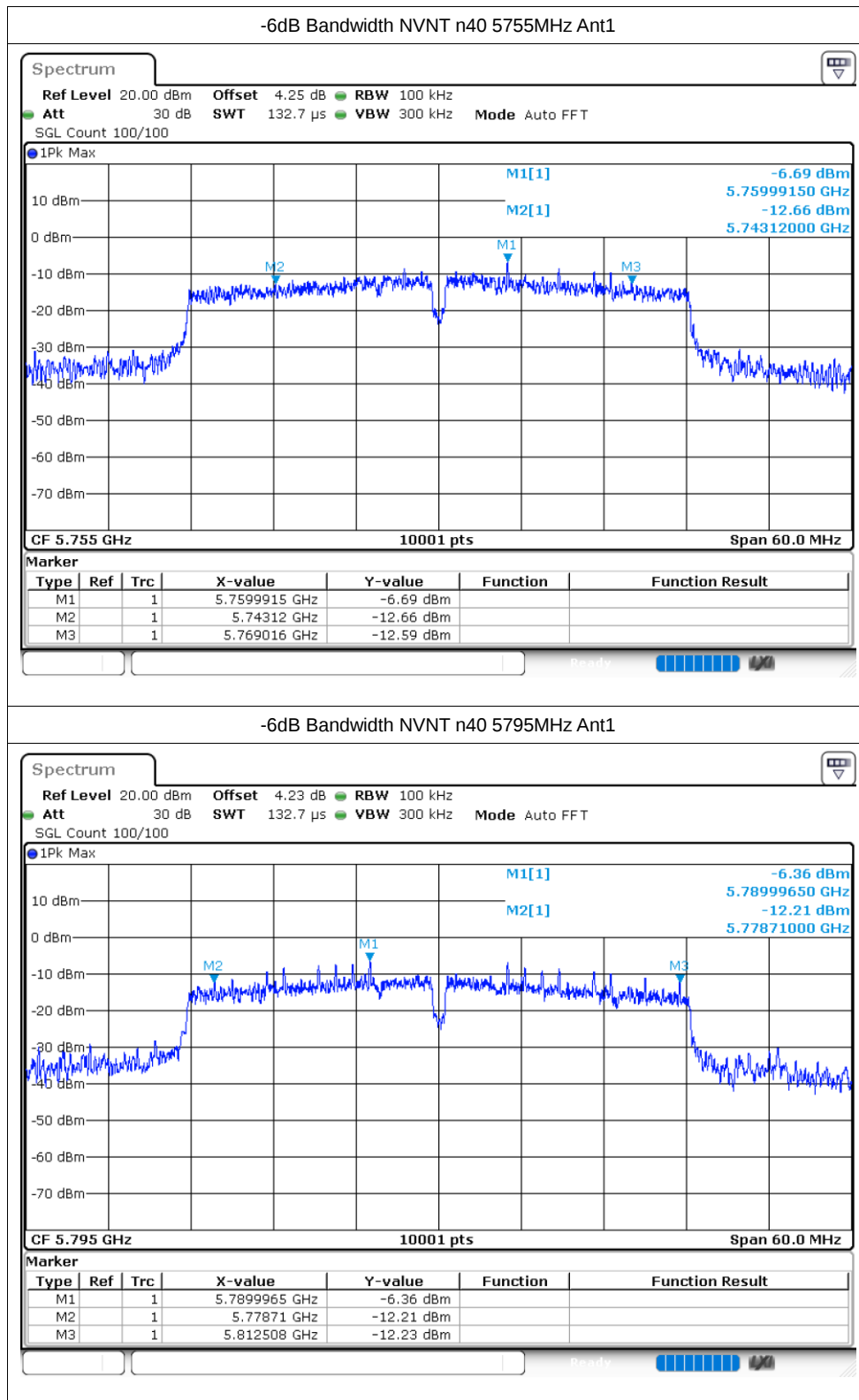


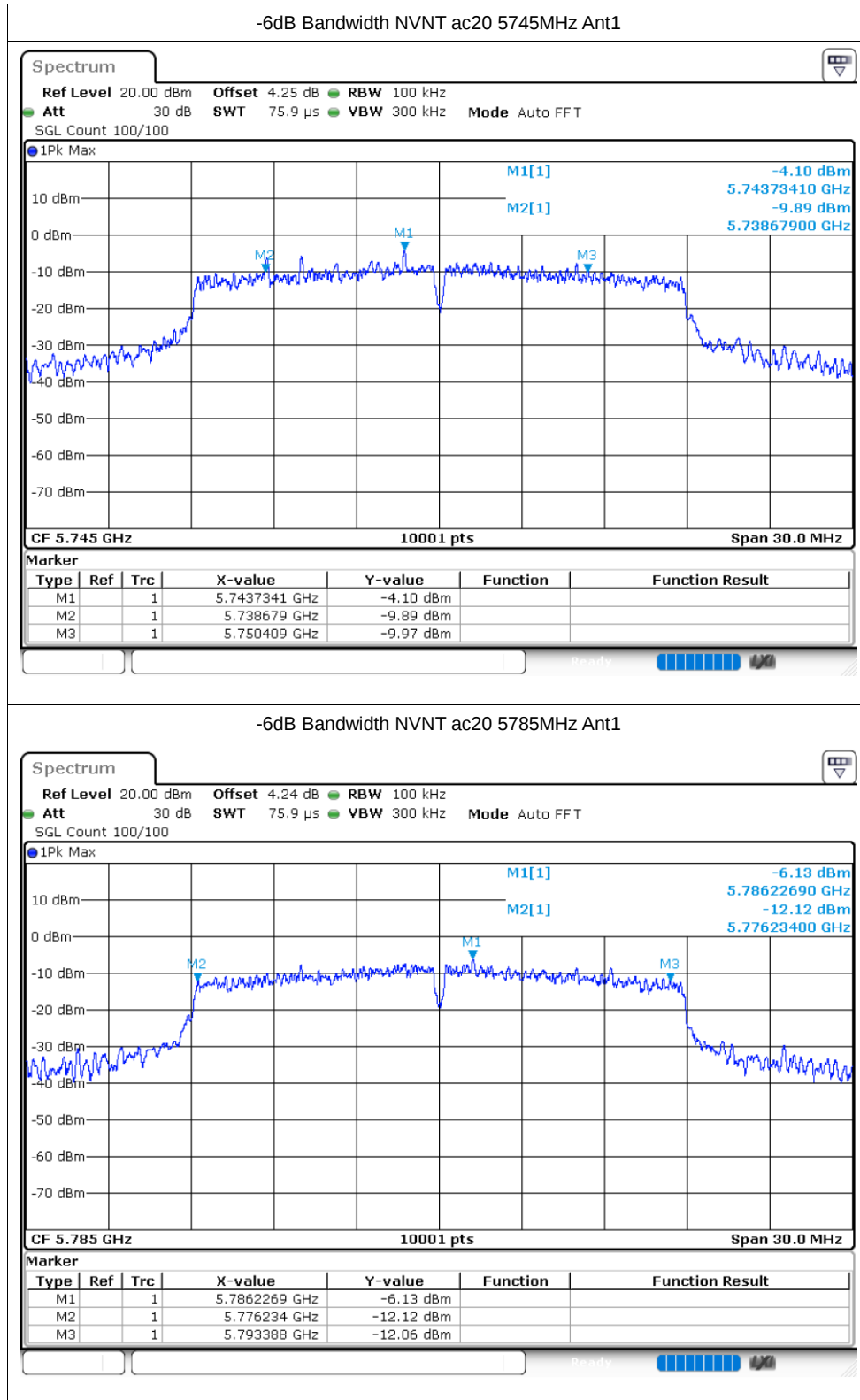
-6dB Bandwidth NVNT a 5785MHz Ant1

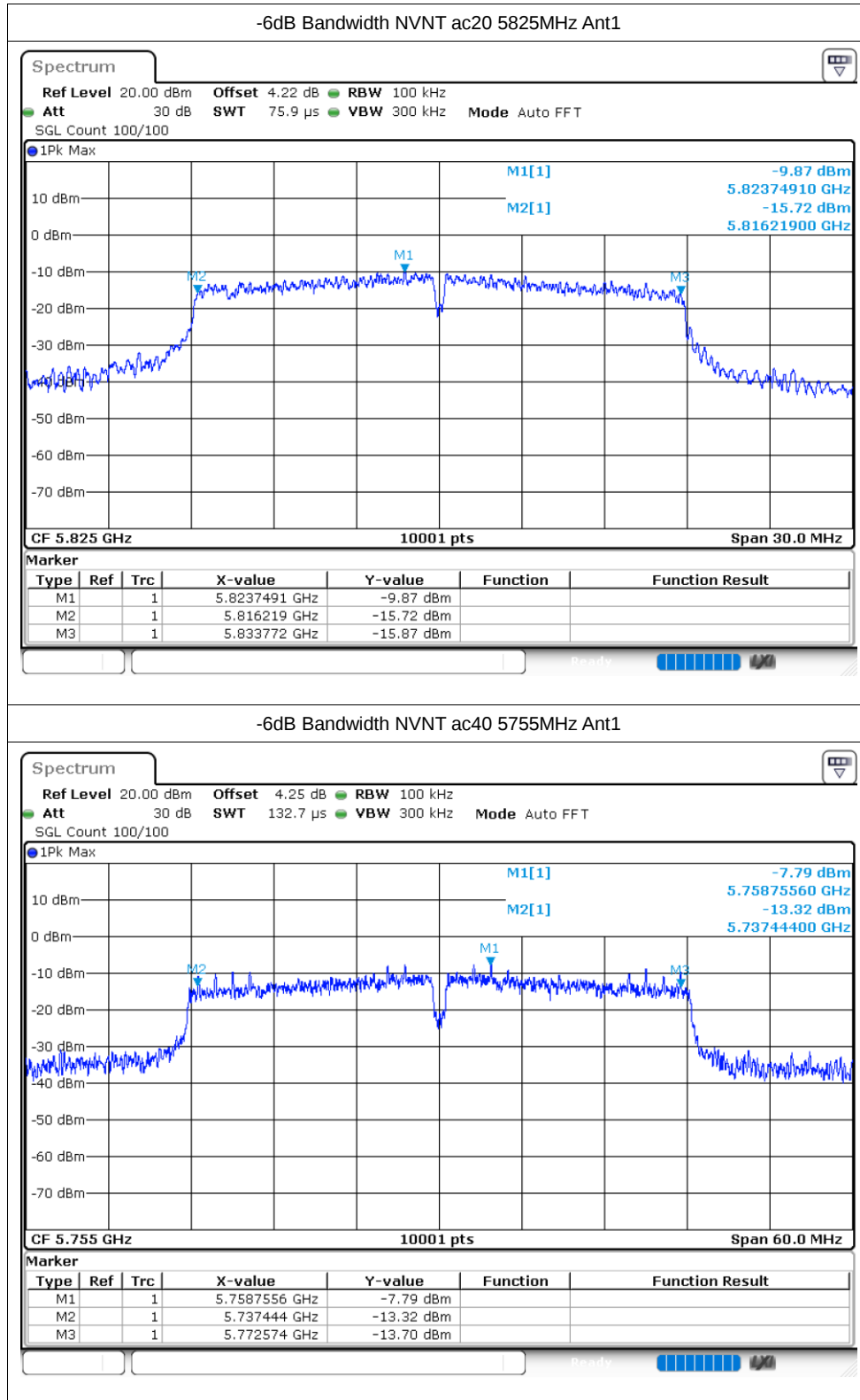


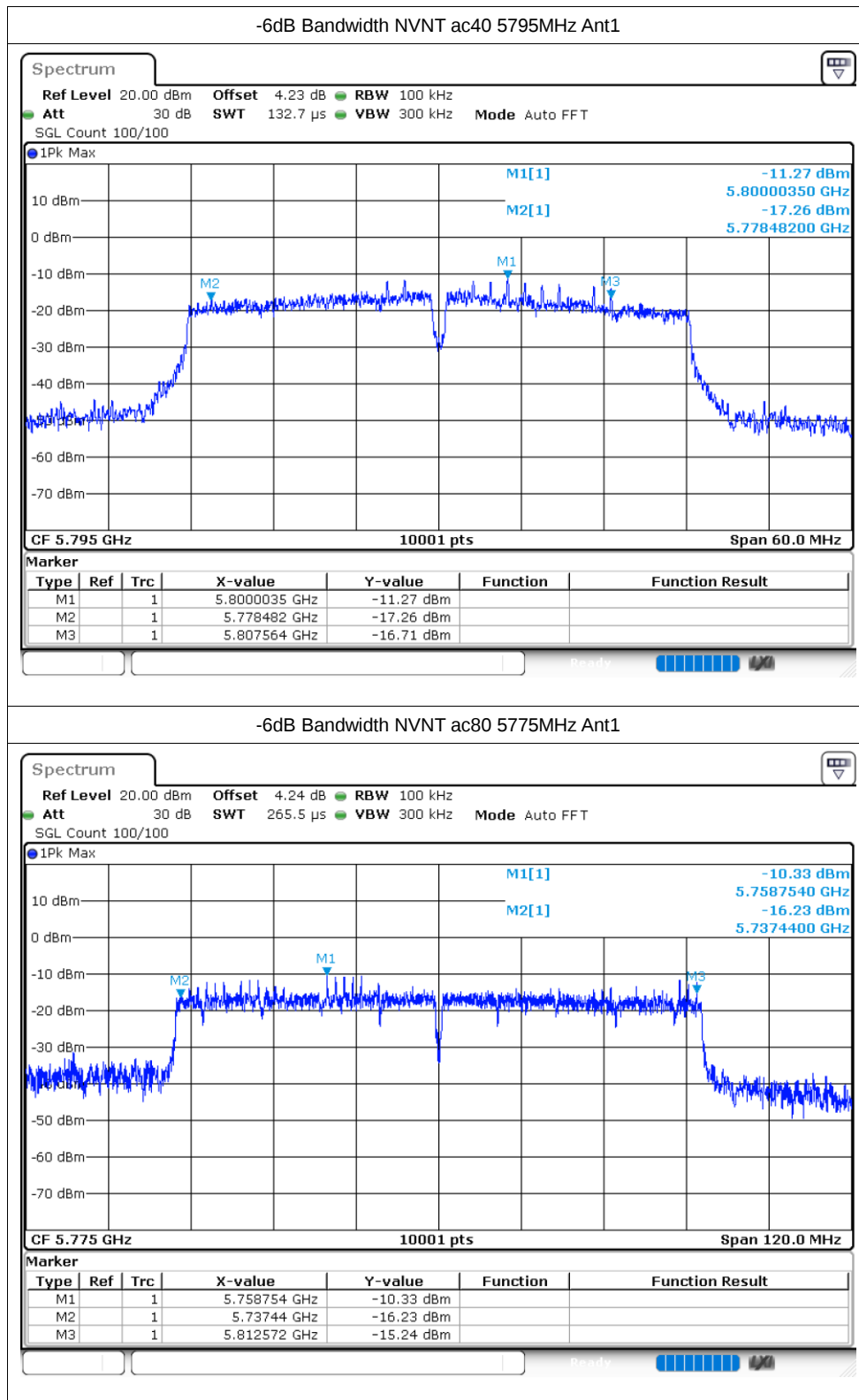


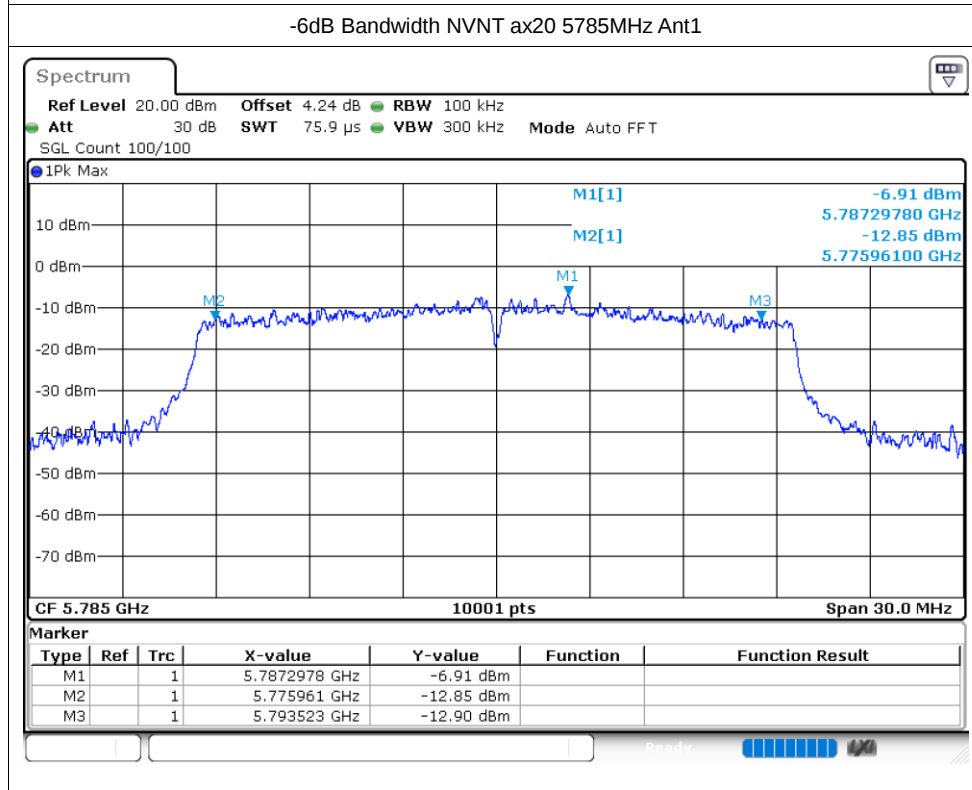
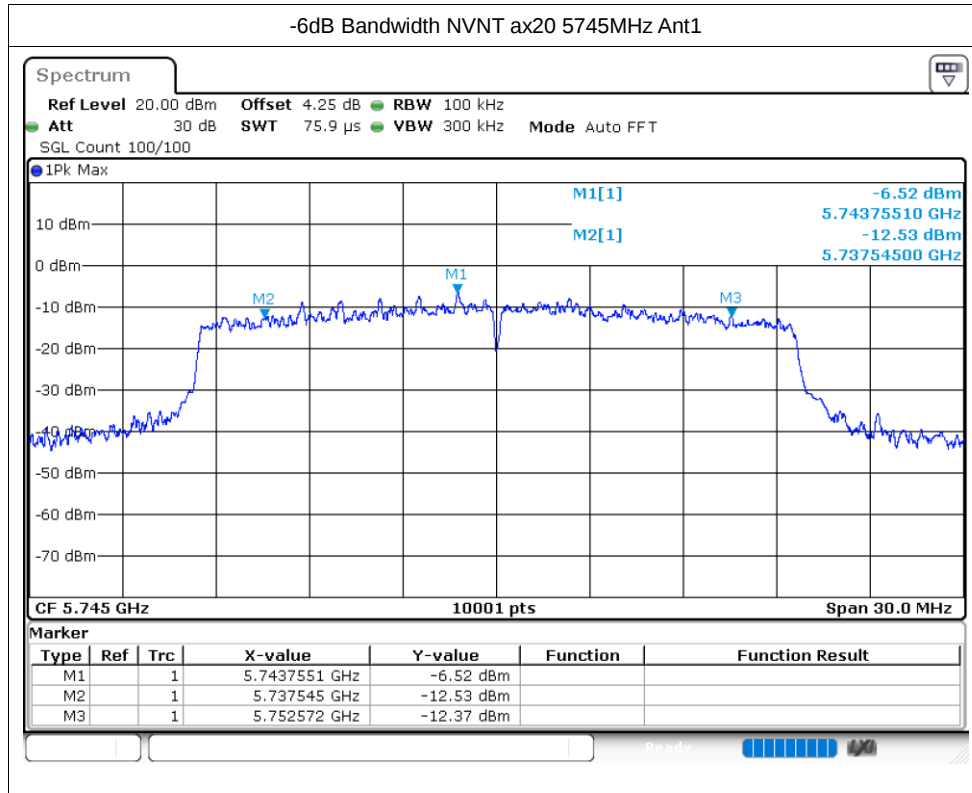


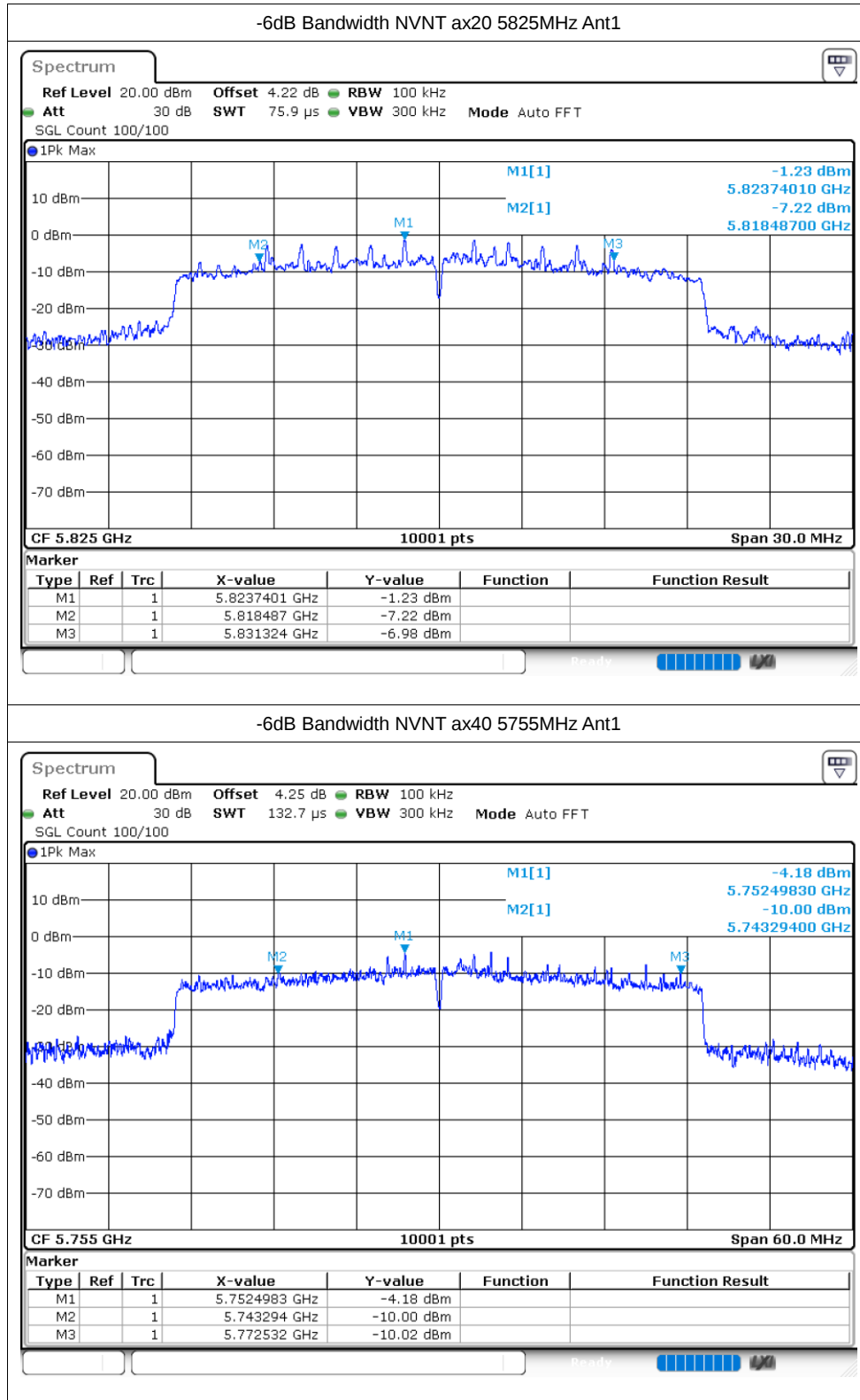


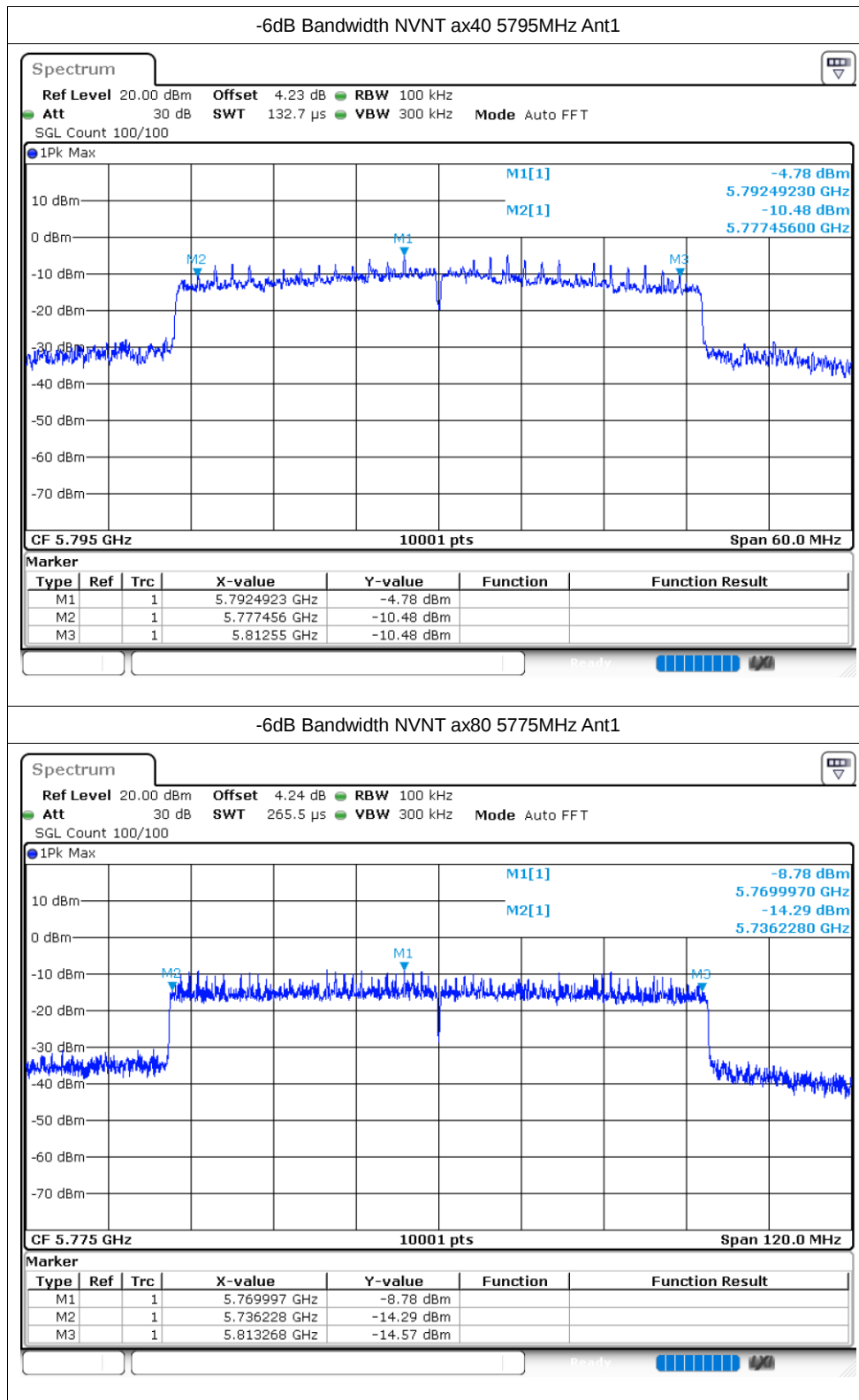










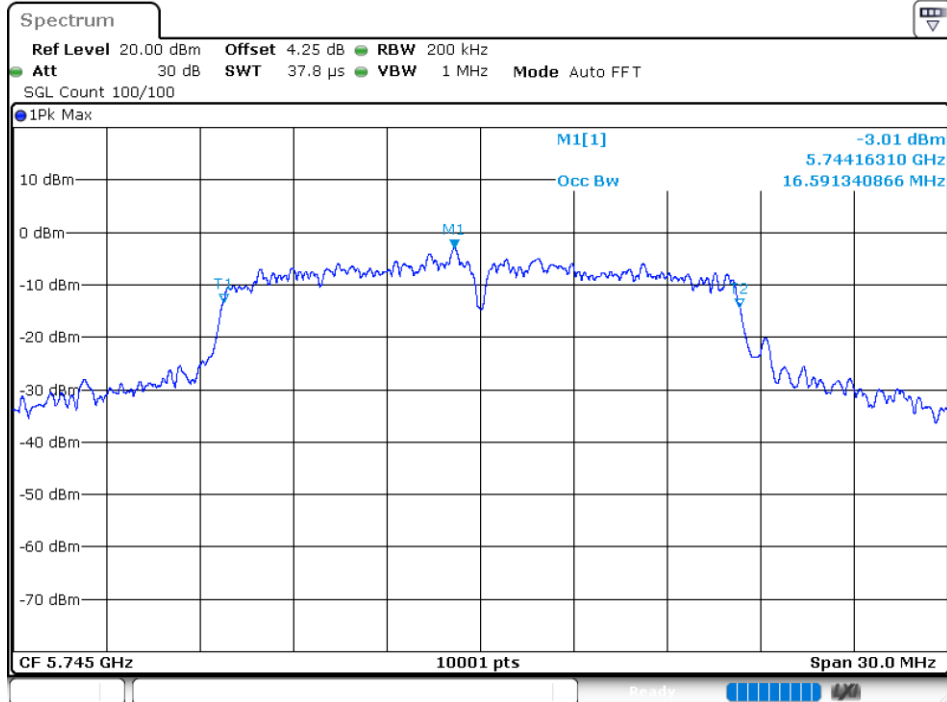


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.591
NVNT	a	5785	Ant1	16.669
NVNT	a	5825	Ant1	17.101
NVNT	n20	5745	Ant1	17.773
NVNT	n20	5785	Ant1	17.806
NVNT	n20	5825	Ant1	18.199
NVNT	n40	5755	Ant1	36.614
NVNT	n40	5795	Ant1	36.542
NVNT	ac20	5745	Ant1	17.713
NVNT	ac20	5785	Ant1	17.698
NVNT	ac20	5825	Ant1	18.271
NVNT	ac40	5755	Ant1	36.554
NVNT	ac40	5795	Ant1	36.452
NVNT	ac80	5775	Ant1	76.036
NVNT	ax20	5745	Ant1	18.874
NVNT	ax20	5785	Ant1	18.877
NVNT	ax20	5825	Ant1	19.042
NVNT	ax40	5755	Ant1	37.916
NVNT	ax40	5795	Ant1	37.856
NVNT	ax80	5775	Ant1	77.704

Test Graphs

OBW NVNT a 5745MHz Ant1



OBW NVNT a 5785MHz Ant1

