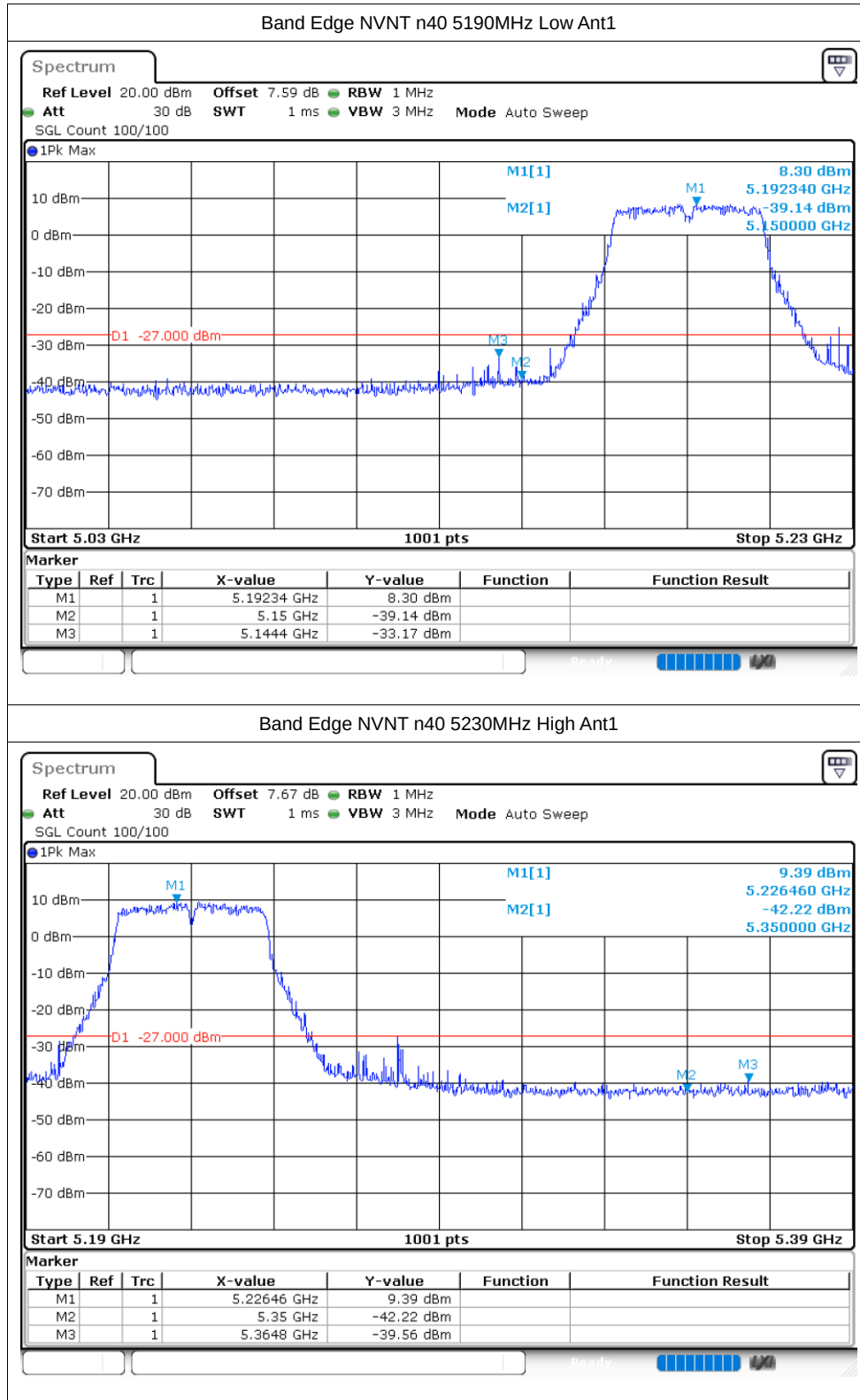
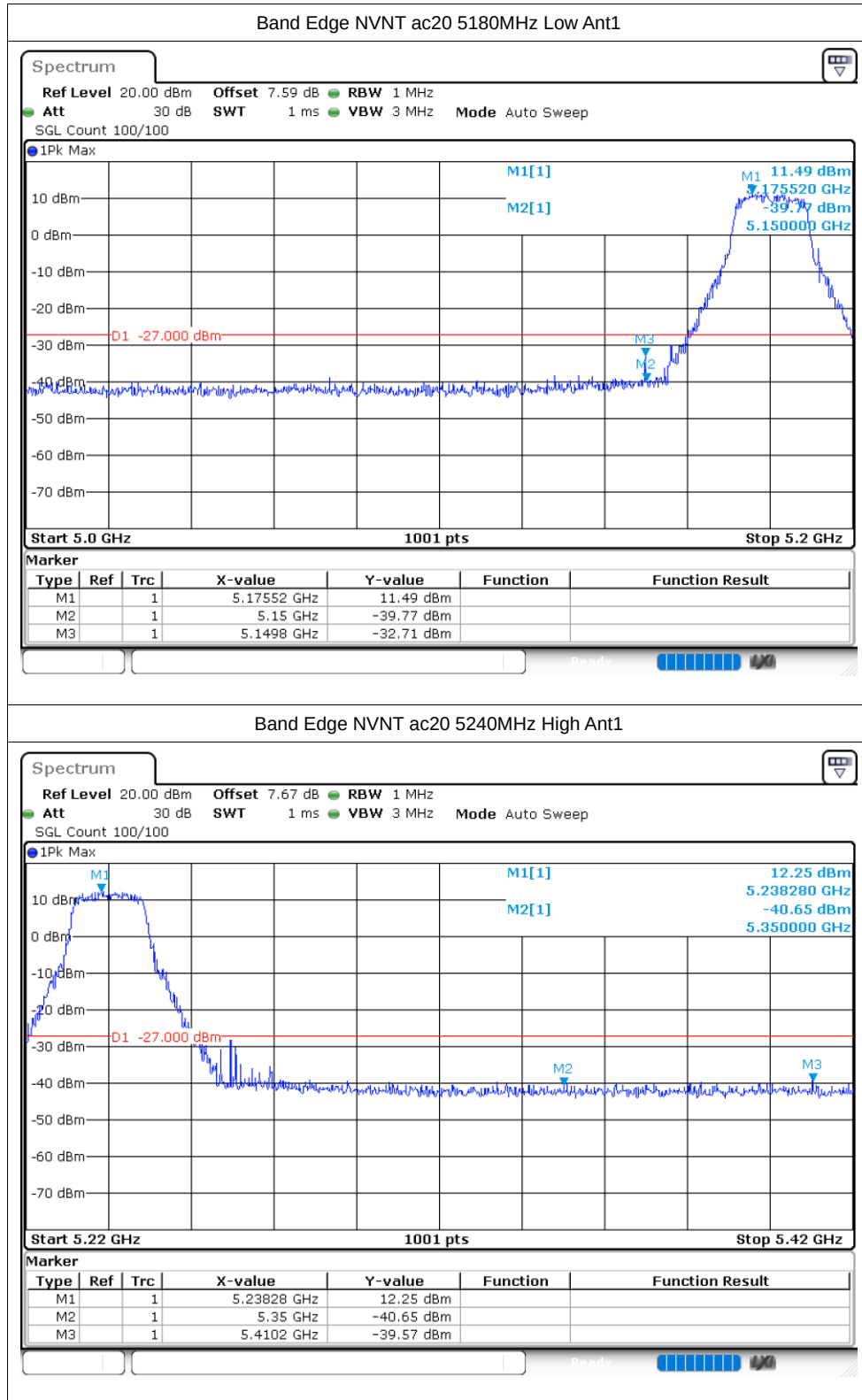
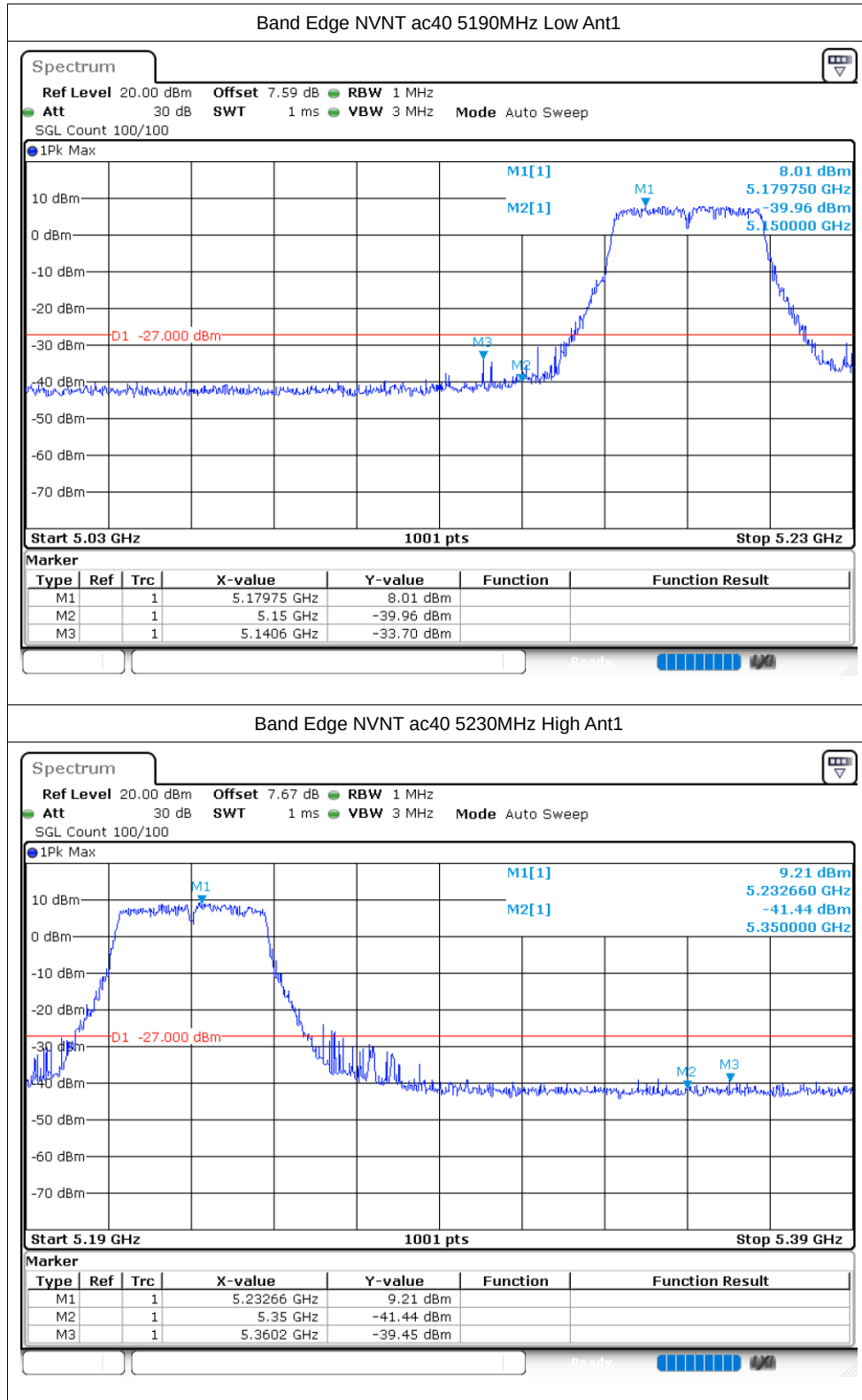
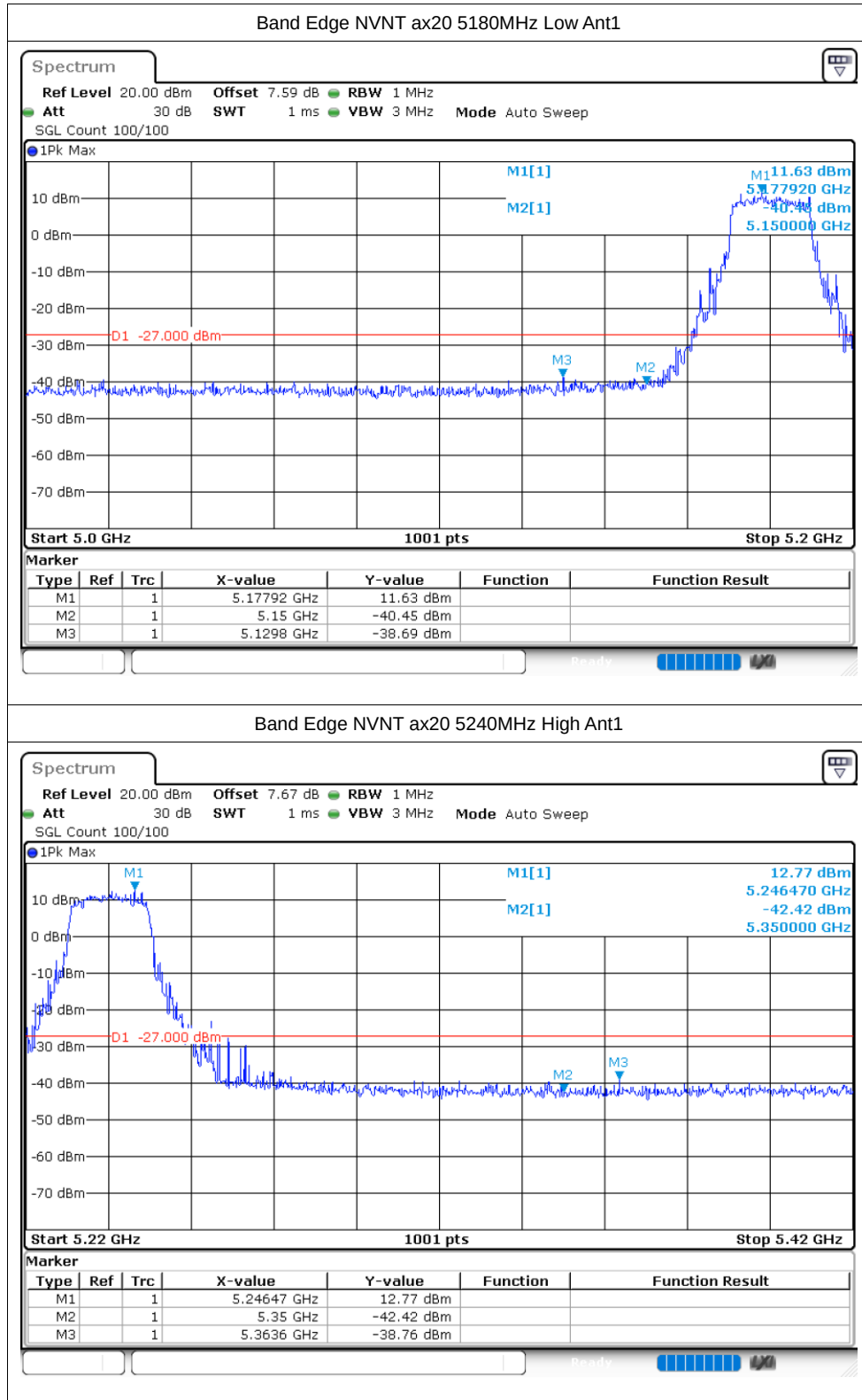
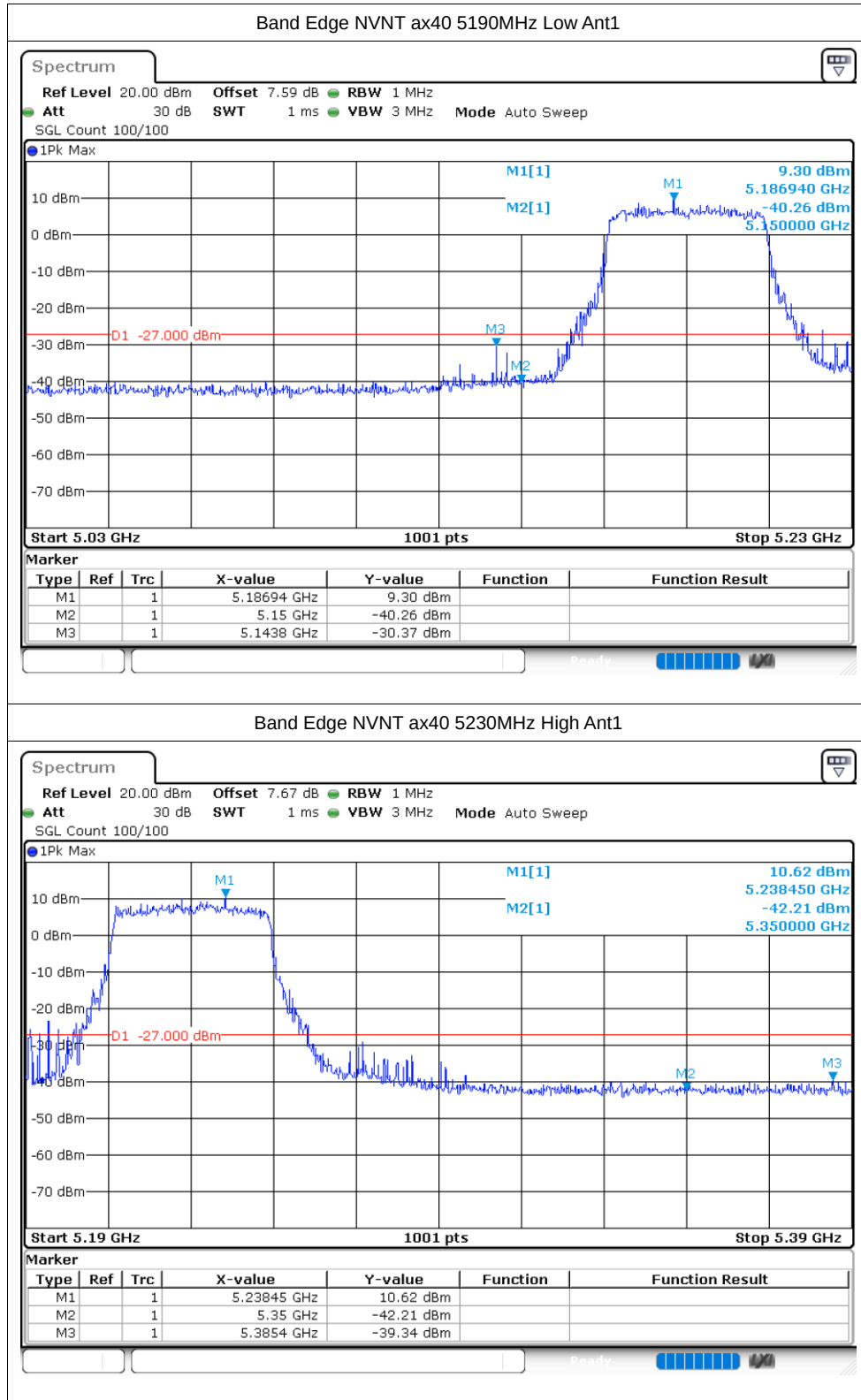












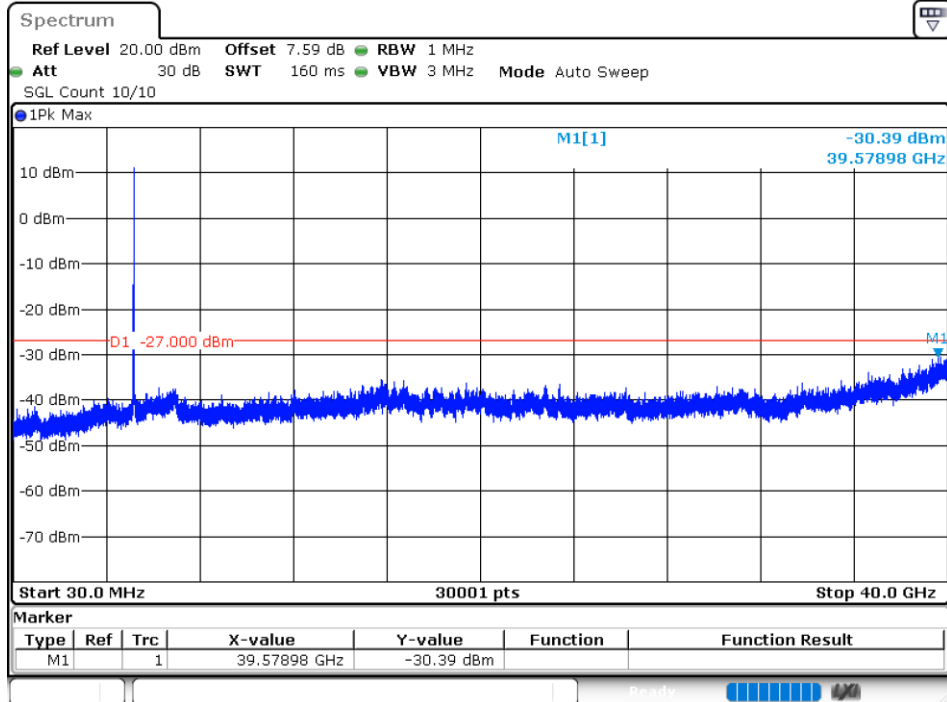
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-30.39	-27	Pass
NVNT	a	5200	Ant1	-29.69	-27	Pass
NVNT	a	5240	Ant1	-30.69	-27	Pass
NVNT	n20	5180	Ant1	-29.81	-27	Pass
NVNT	n20	5200	Ant1	-30.65	-27	Pass
NVNT	n20	5240	Ant1	-30.25	-27	Pass
NVNT	n40	5190	Ant1	-30.8	-27	Pass
NVNT	n40	5230	Ant1	-30.5	-27	Pass
NVNT	ac20	5180	Ant1	-31.12	-27	Pass
NVNT	ac20	5200	Ant1	-30.27	-27	Pass
NVNT	ac20	5240	Ant1	-30.94	-27	Pass
NVNT	ac40	5190	Ant1	-31.15	-27	Pass
NVNT	ac40	5230	Ant1	-30.24	-27	Pass
NVNT	ax20	5180	Ant1	-31.11	-27	Pass
NVNT	ax20	5200	Ant1	-30.32	-27	Pass
NVNT	ax20	5240	Ant1	-30.82	-27	Pass
NVNT	ax40	5190	Ant1	-31.44	-27	Pass
NVNT	ax40	5230	Ant1	-31.35	-27	Pass

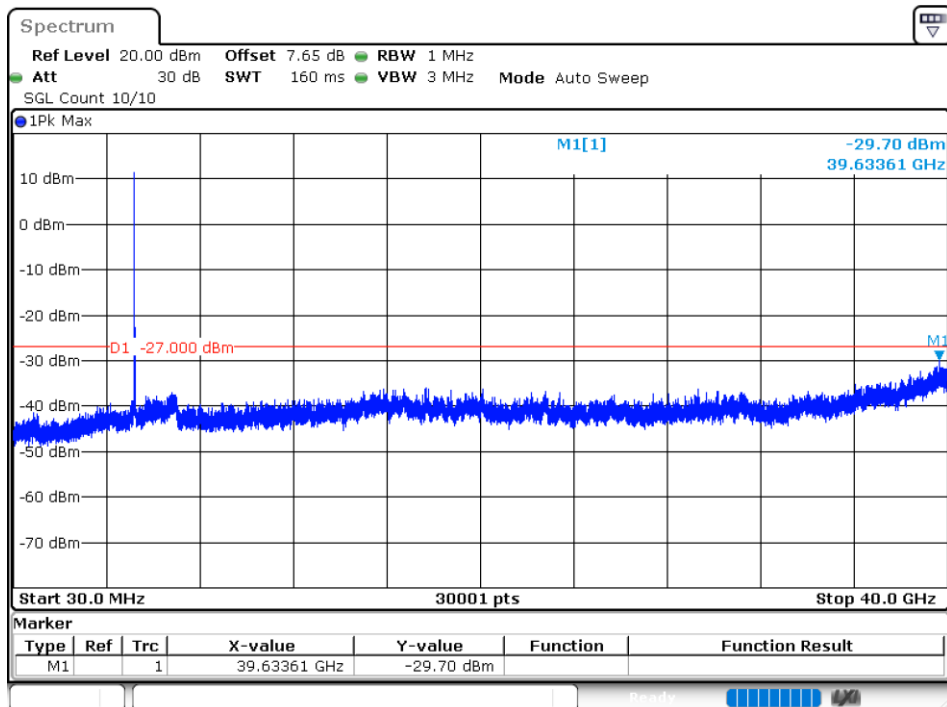
Note: Tested with increased antenna gain.

Test Graphs

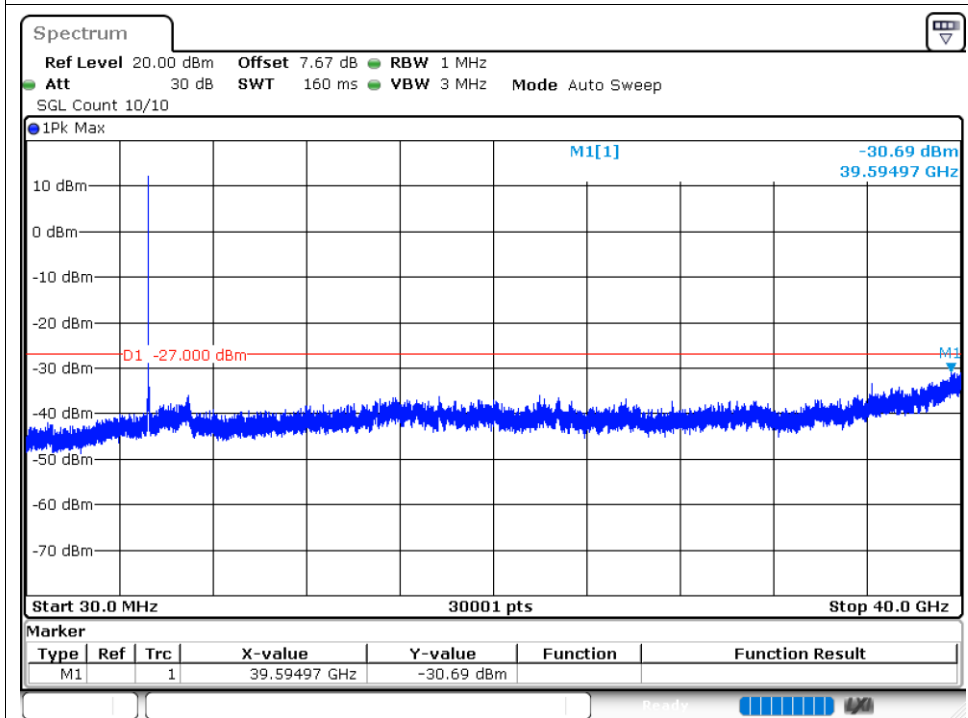
Tx. Spurious NVNT a 5180MHz Ant1 Emission



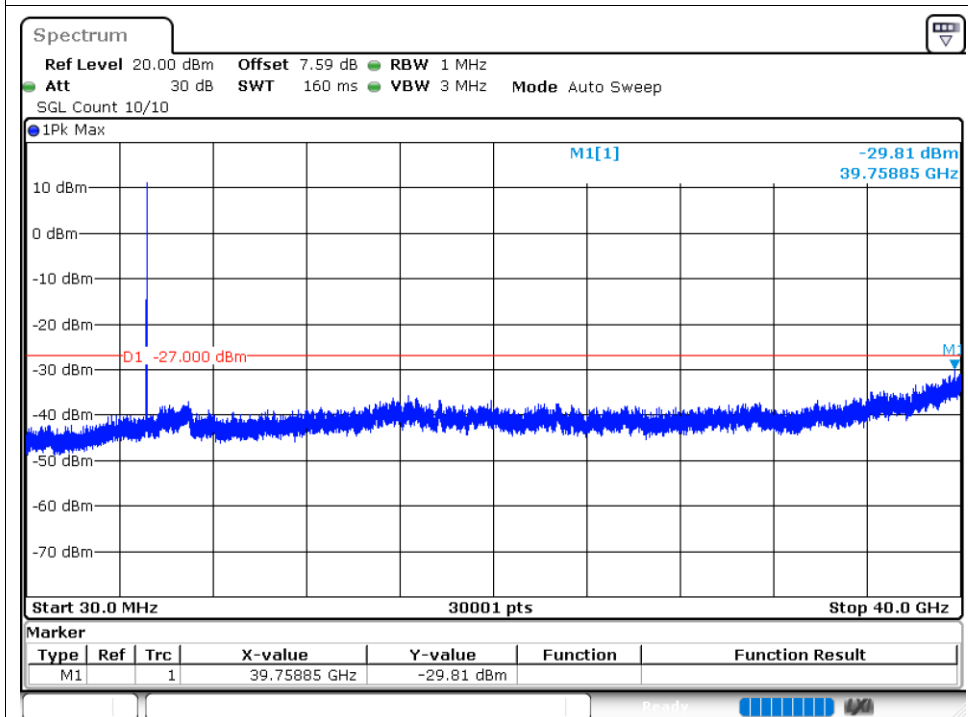
Tx. Spurious NVNT a 5200MHz Ant1 Emission

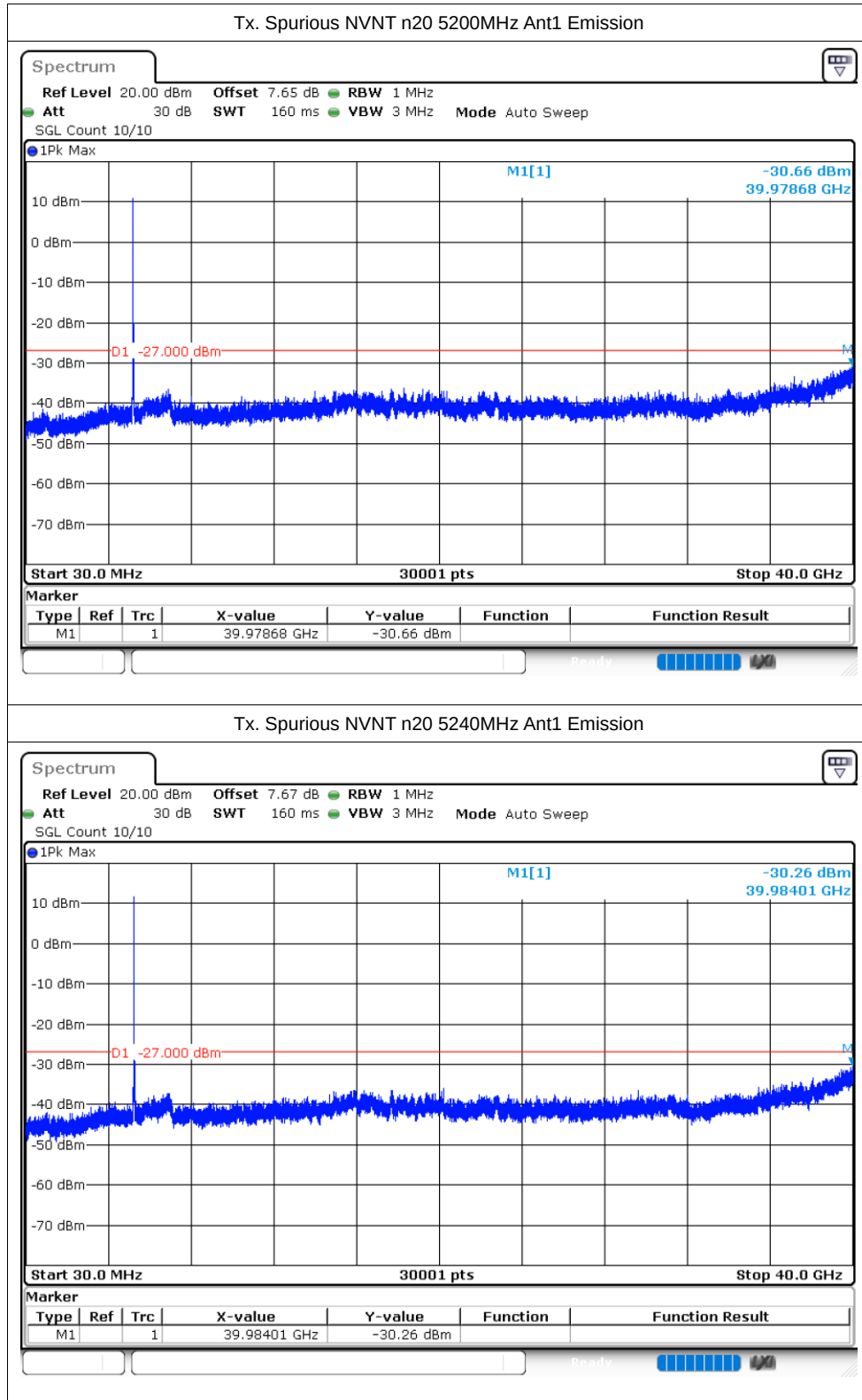


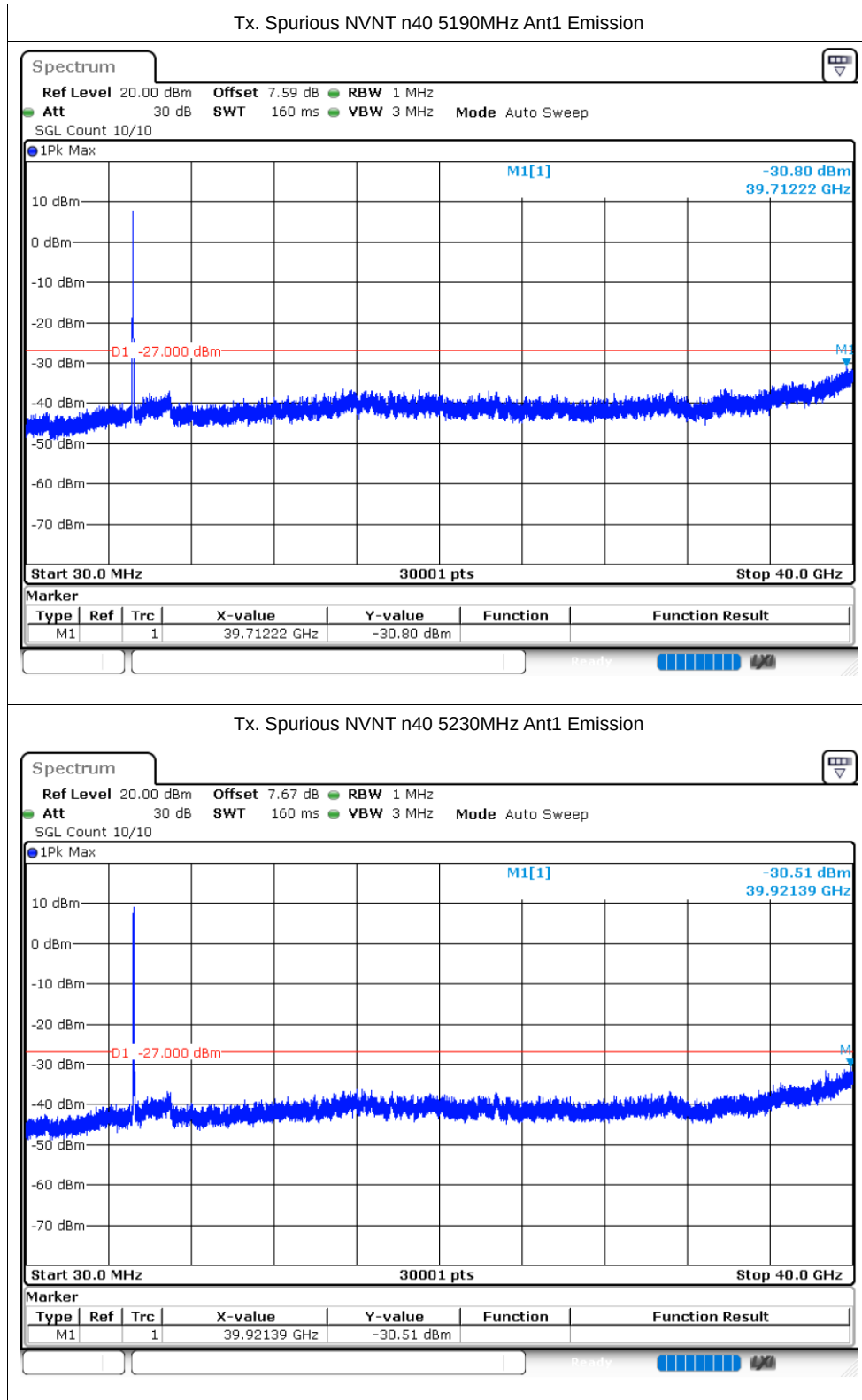
Tx. Spurious NVNT a 5240MHz Ant1 Emission

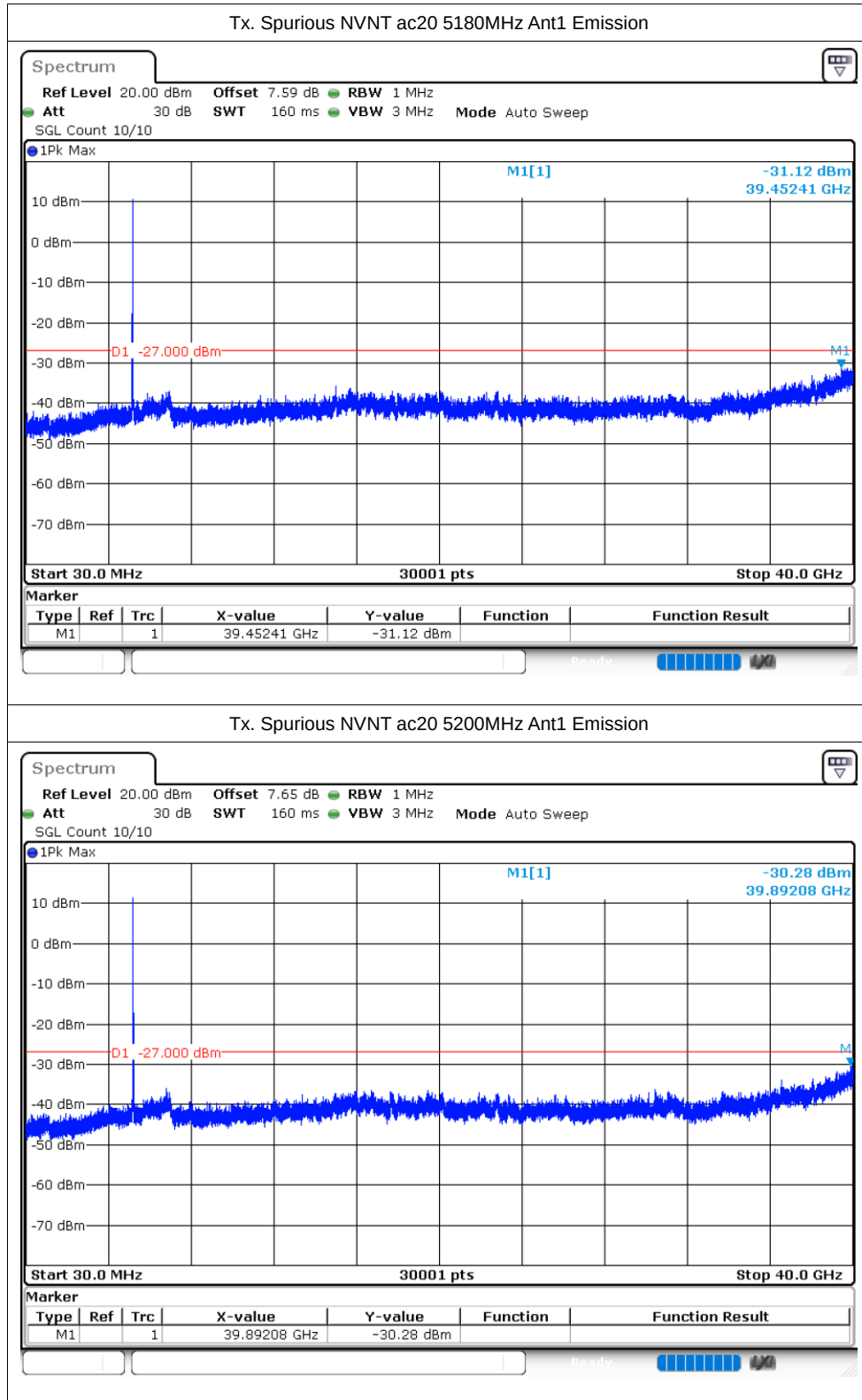


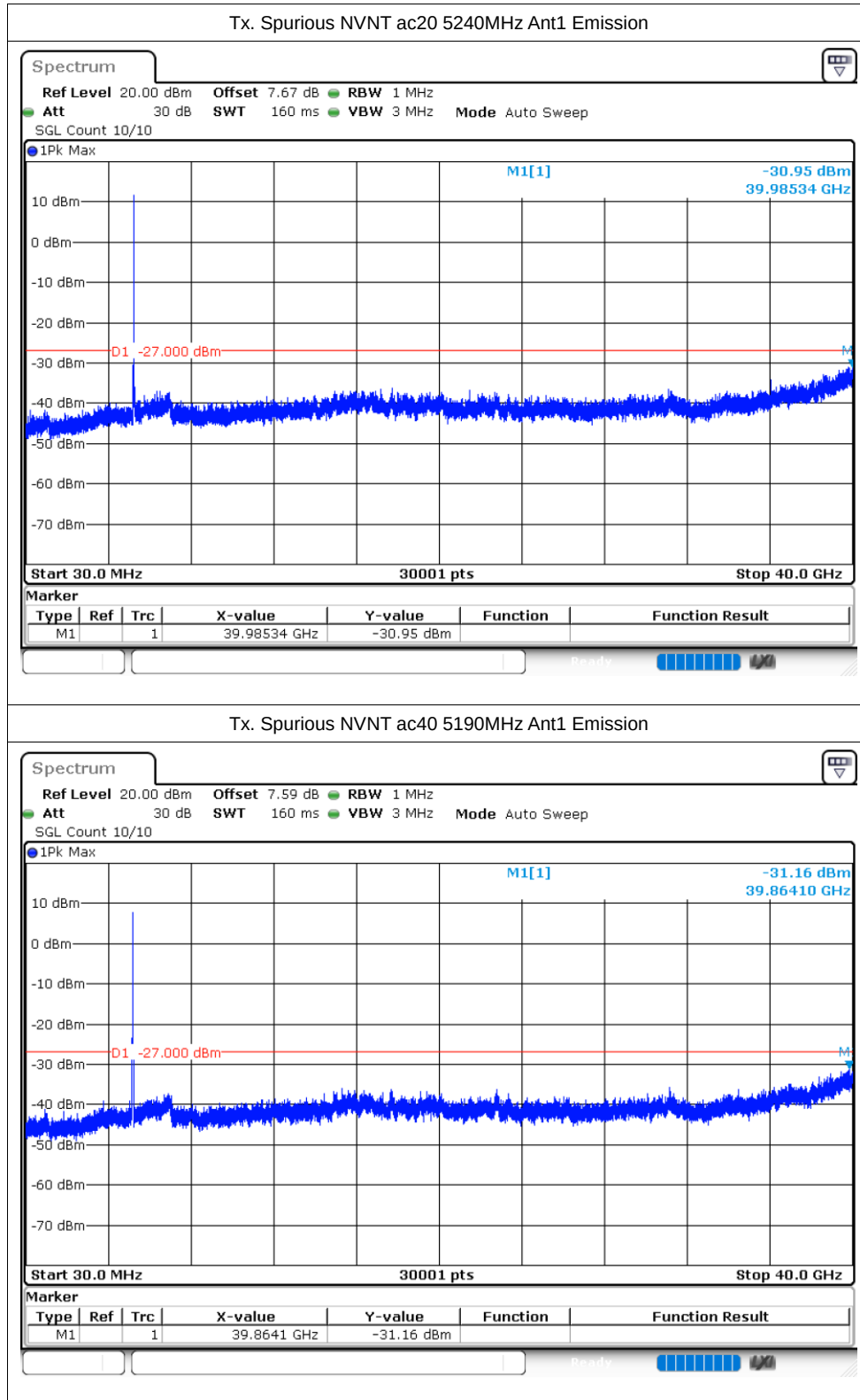
Tx. Spurious NVNT n20 5180MHz Ant1 Emission

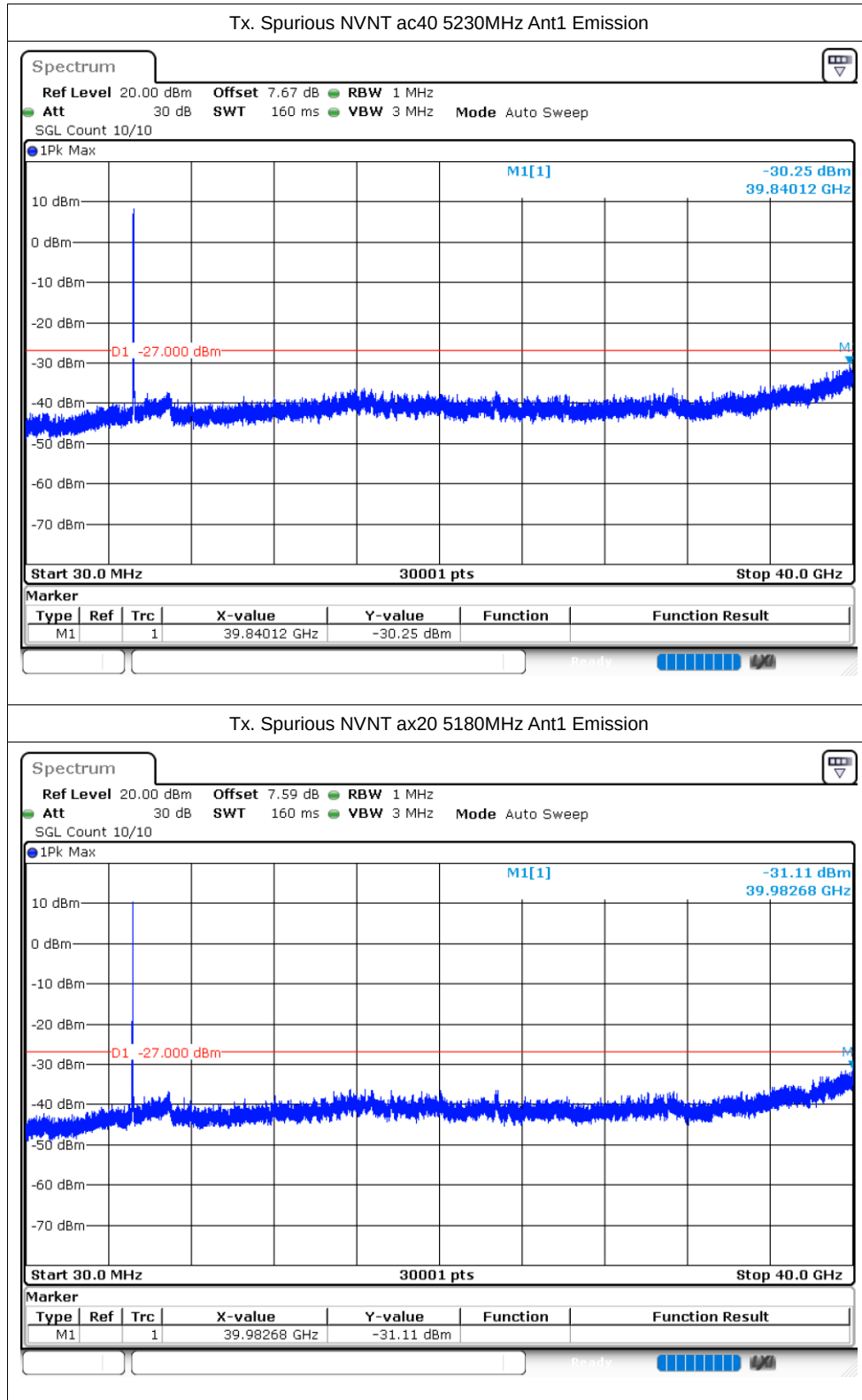


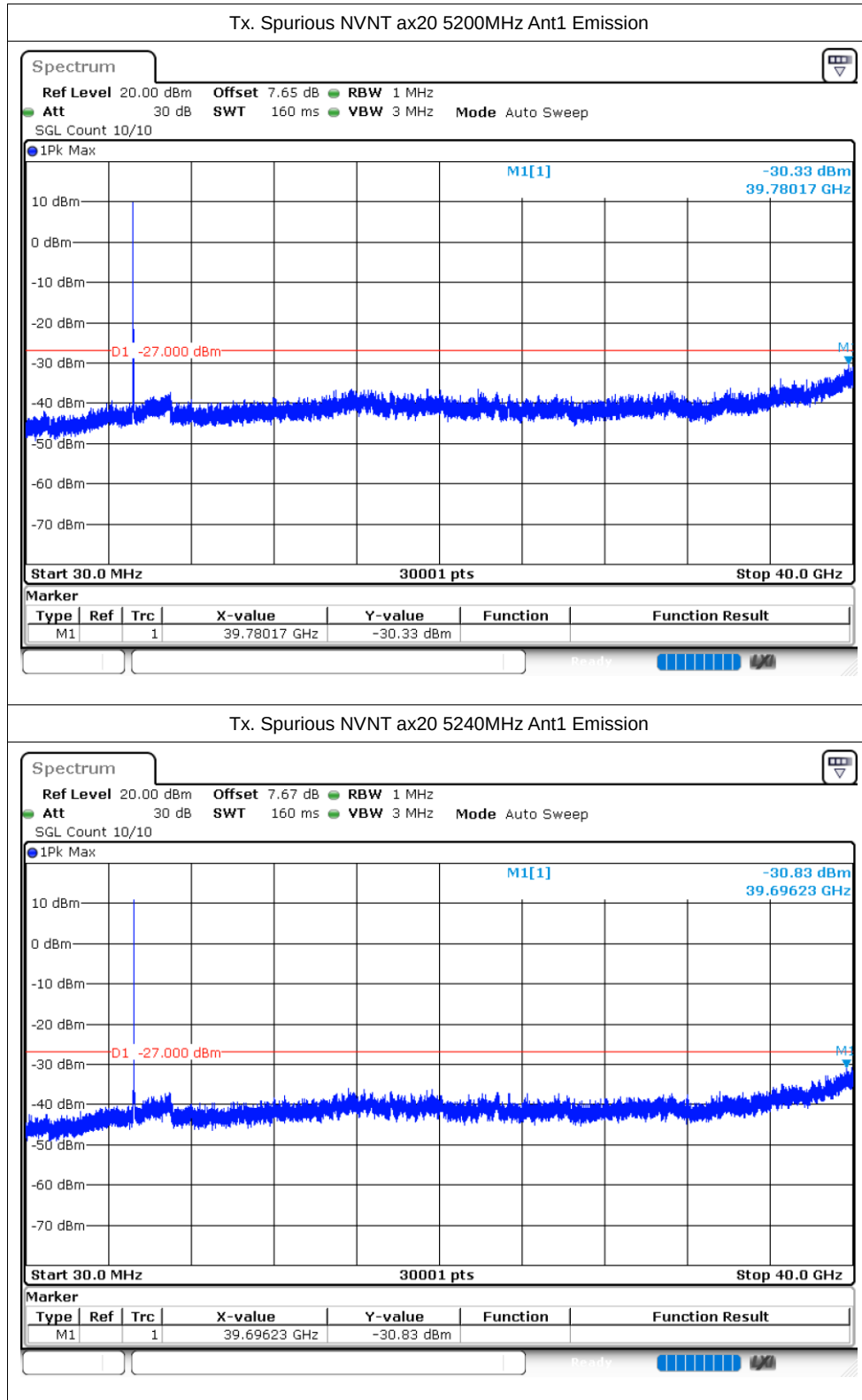


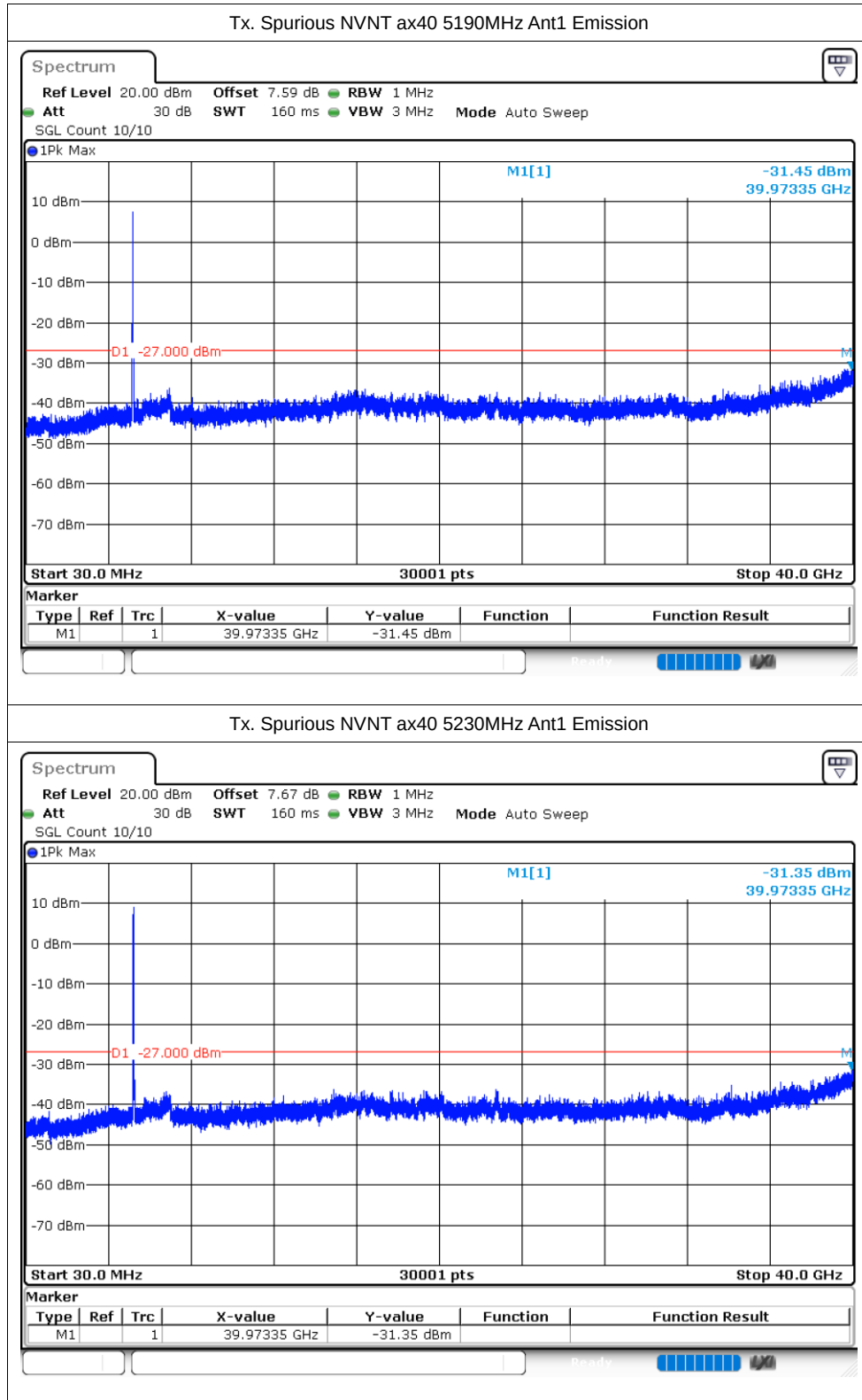












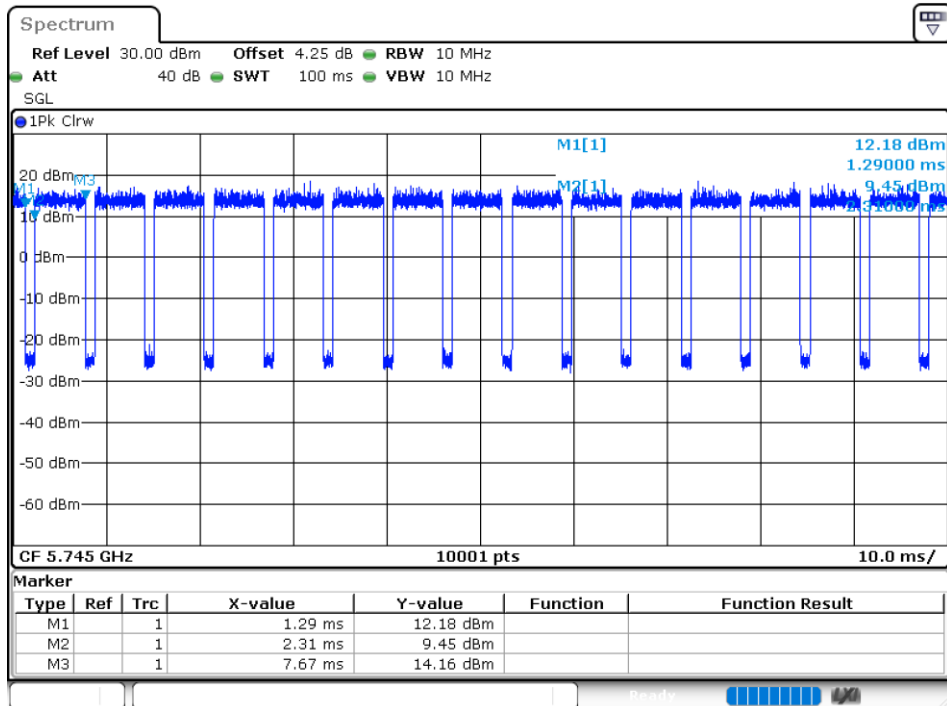
WIFI 5.8G:

Duty Cycle

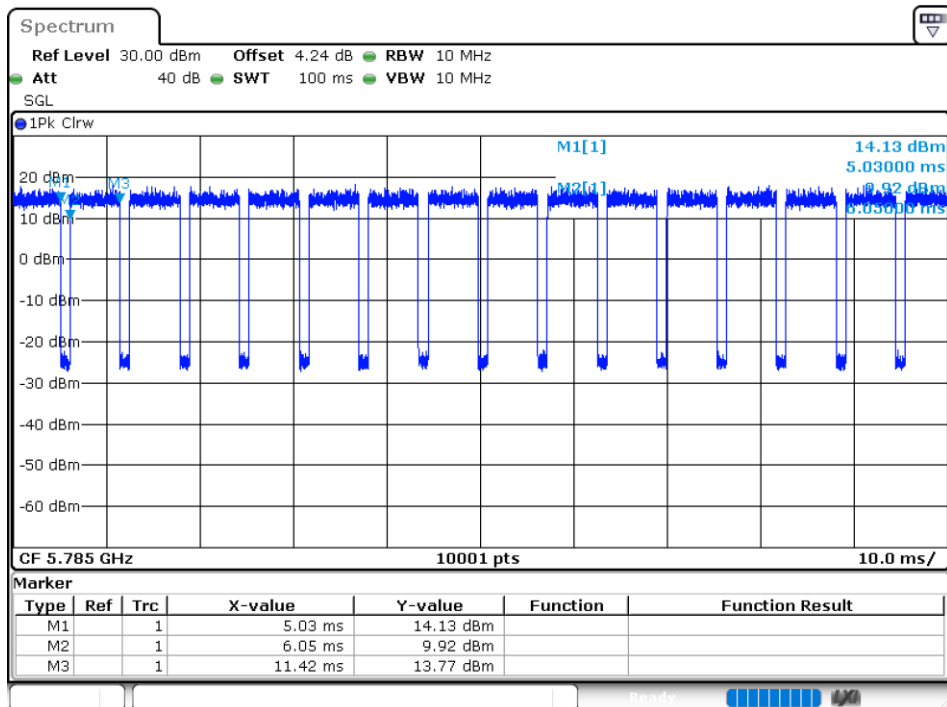
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	83.88	0.76	0.19
NVNT	a	5785	Ant1	84.81	0.72	0.19
NVNT	a	5825	Ant1	83.82	0.77	0.19
NVNT	n20	5745	Ant1	83.81	0.77	0.2
NVNT	n20	5785	Ant1	83.59	0.78	0.2
NVNT	n20	5825	Ant1	83.74	0.77	0.2
NVNT	n40	5755	Ant1	82.93	0.81	0.21
NVNT	n40	5795	Ant1	82.88	0.82	0.21
NVNT	ac20	5745	Ant1	82.81	0.82	0.2
NVNT	ac20	5785	Ant1	82.81	0.82	0.2
NVNT	ac20	5825	Ant1	82.38	0.84	0.2
NVNT	ac40	5755	Ant1	82.9	0.81	0.21
NVNT	ac40	5795	Ant1	82.9	0.81	0.21
NVNT	ax20	5745	Ant1	79.22	1.01	0.26
NVNT	ax20	5785	Ant1	78.79	1.04	0.26
NVNT	ax20	5825	Ant1	78.79	1.04	0.26
NVNT	ax40	5755	Ant1	78.88	1.03	0.26
NVNT	ax40	5795	Ant1	78.87	1.03	0.26

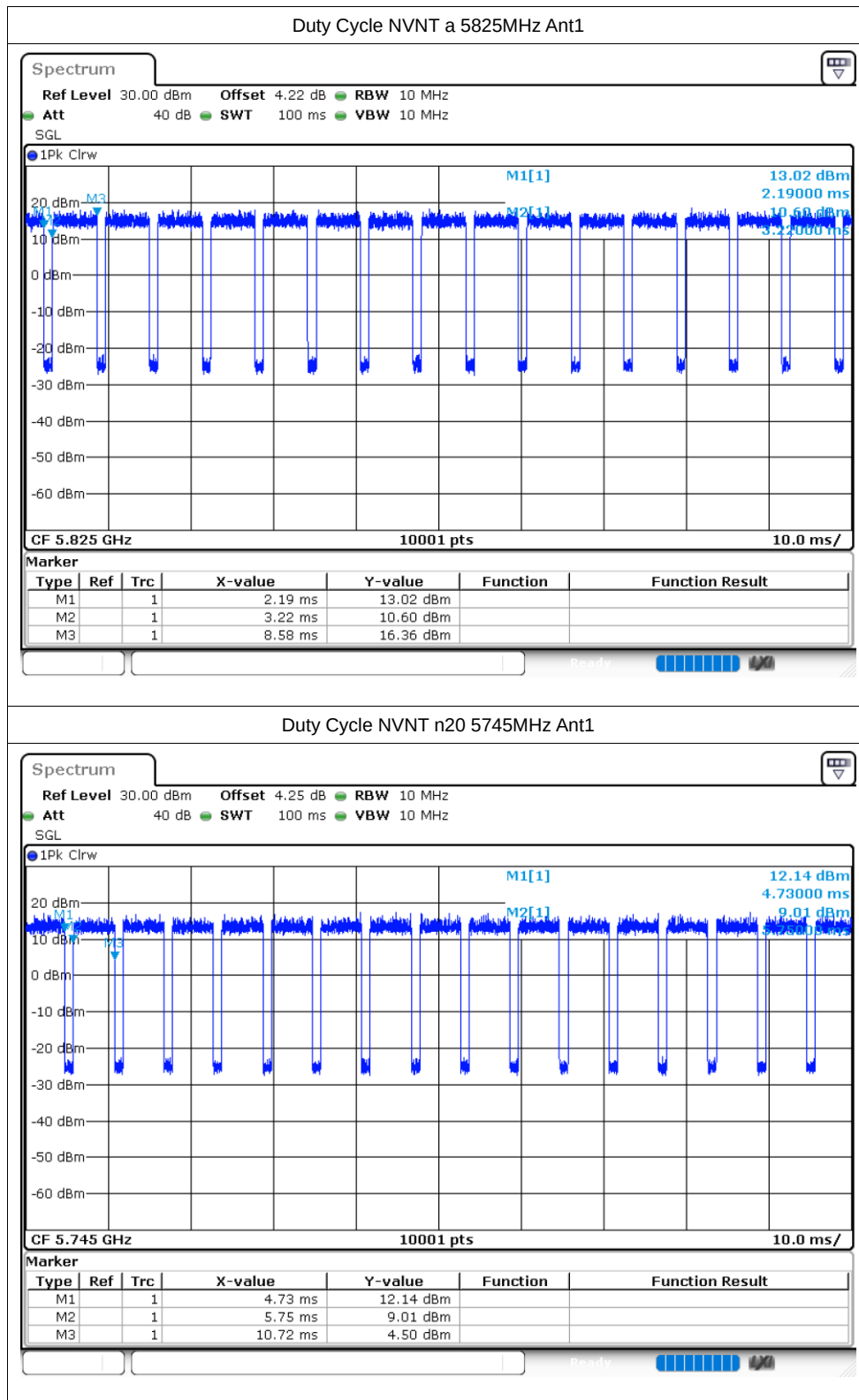
Test Graphs

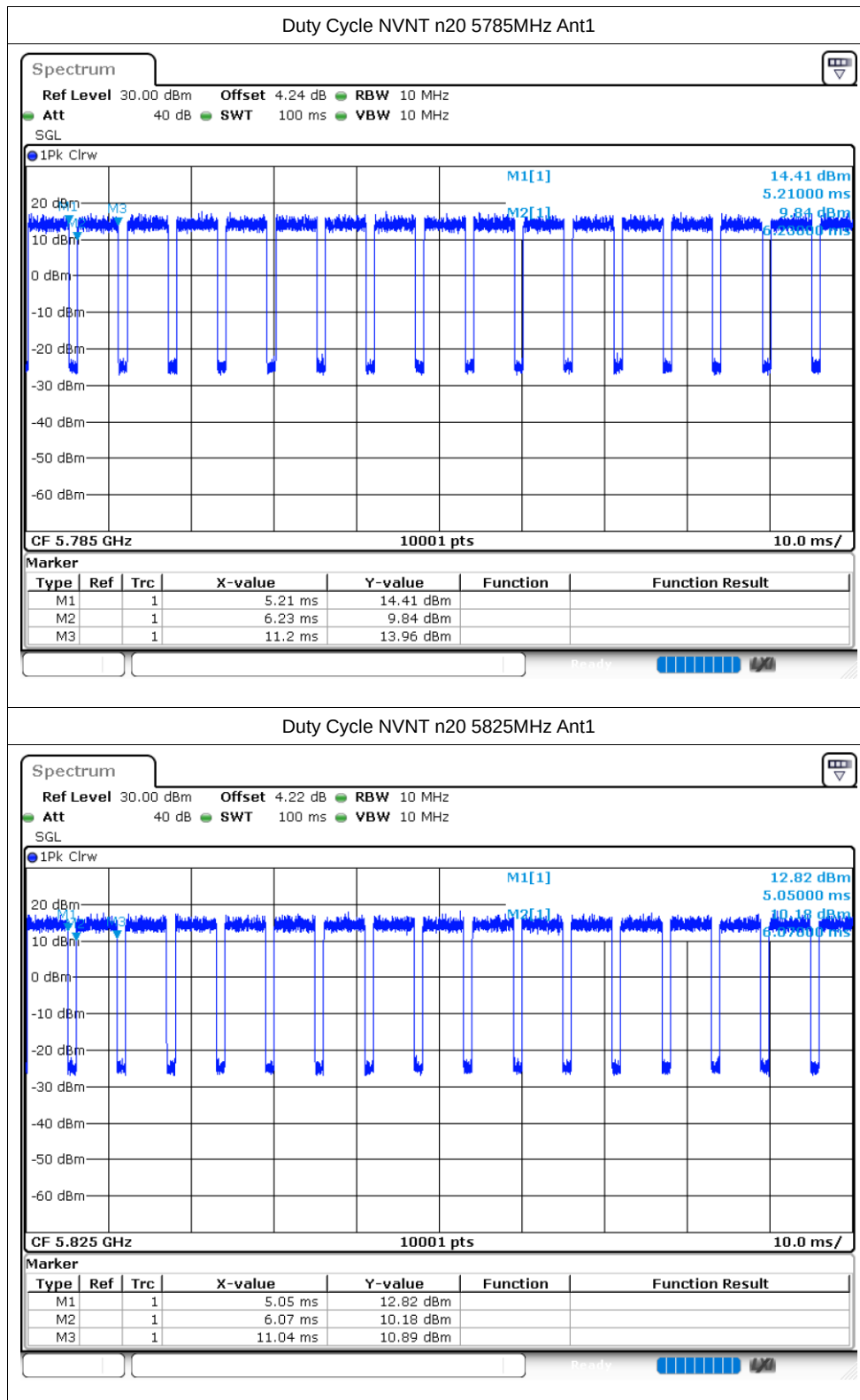
Duty Cycle NVNT a 5745MHz Ant1

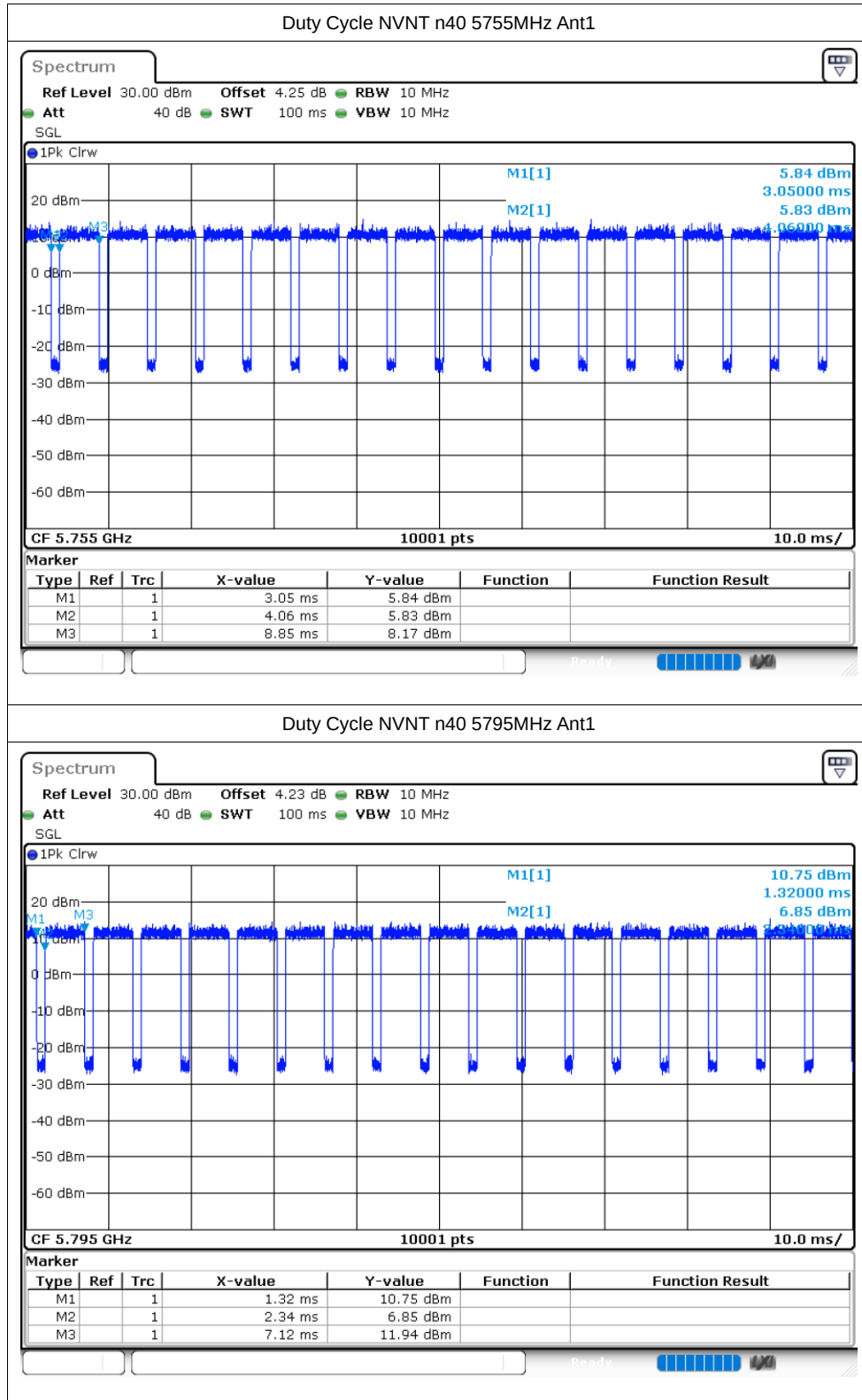


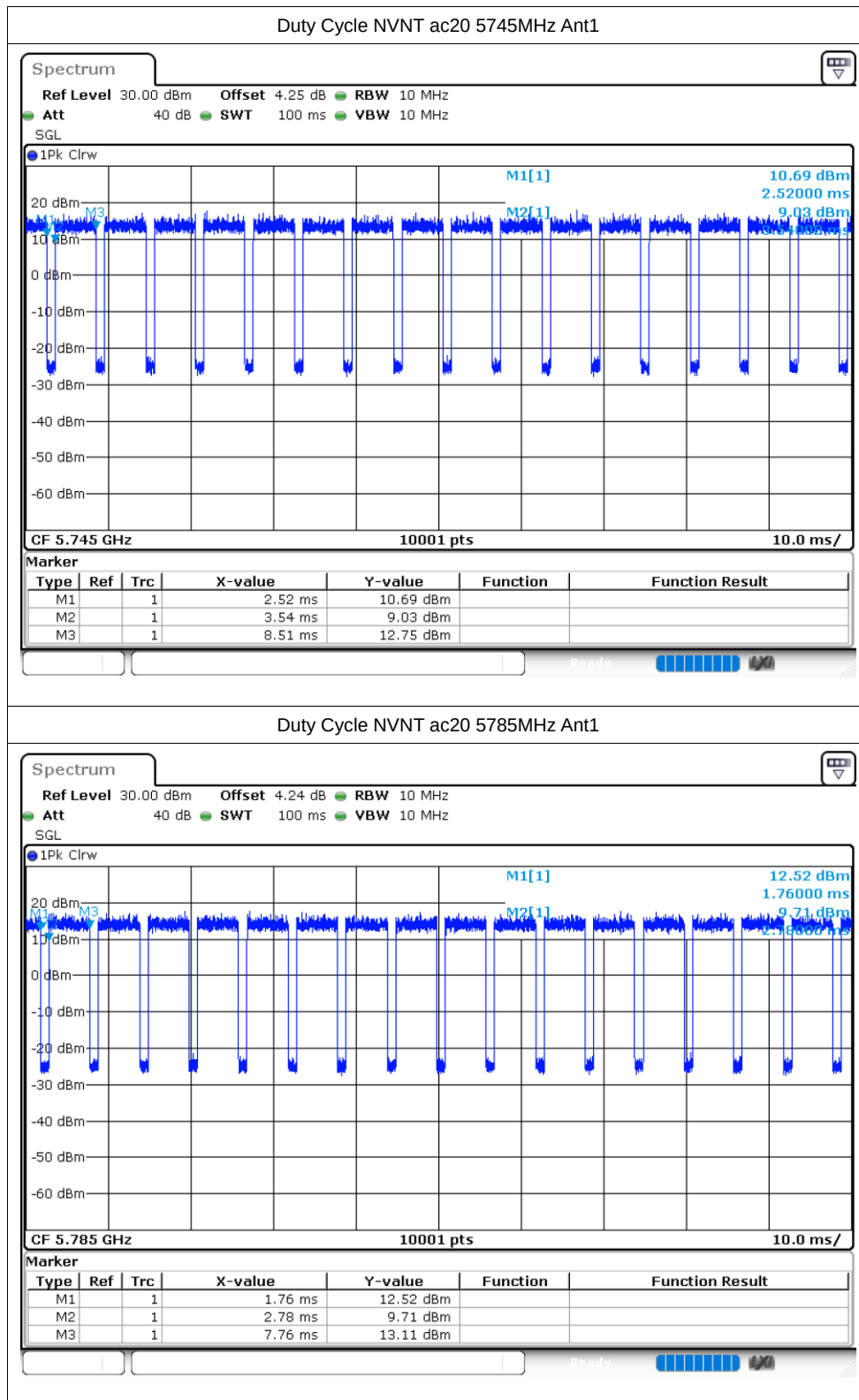
Duty Cycle NVNT a 5785MHz Ant1

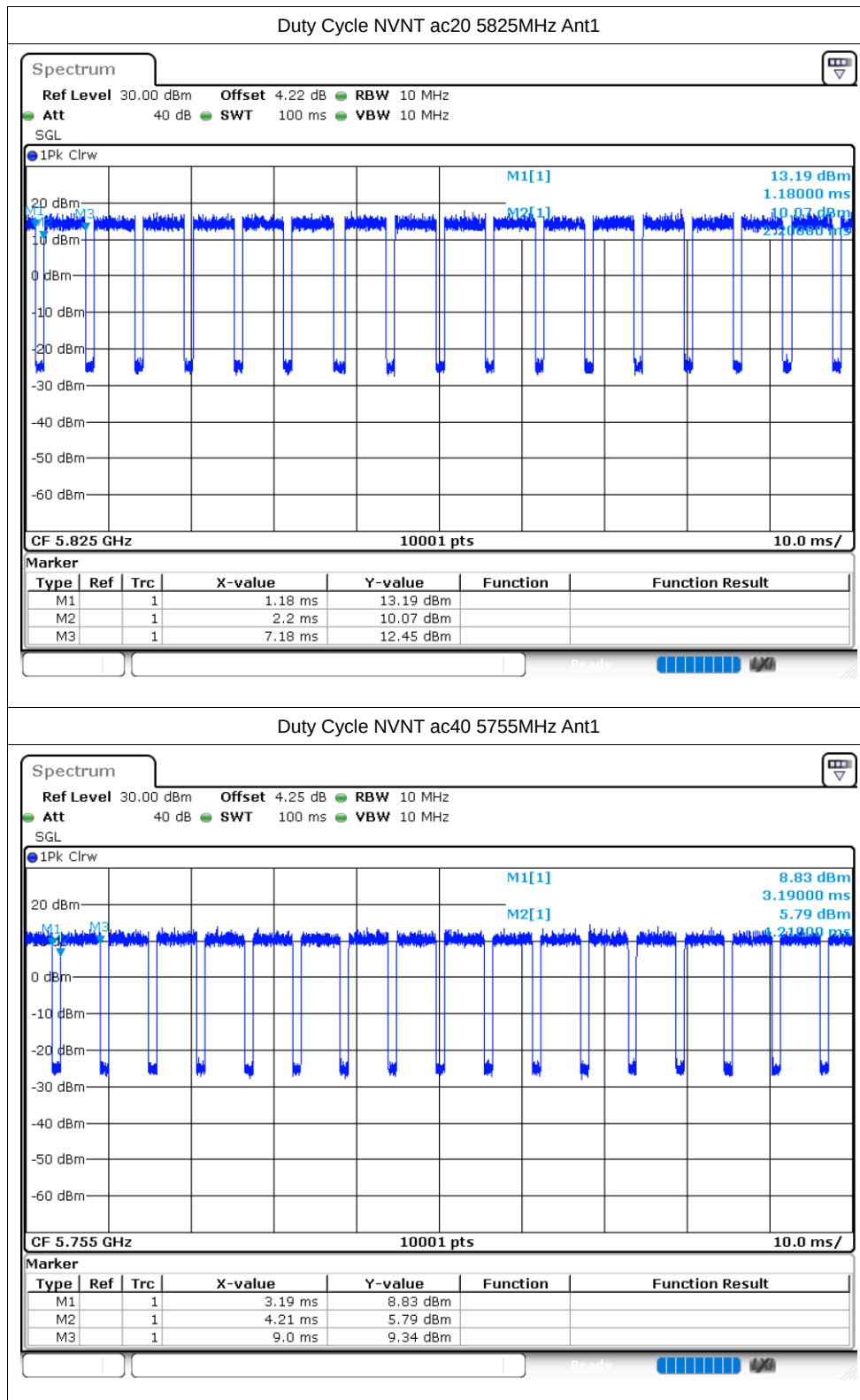


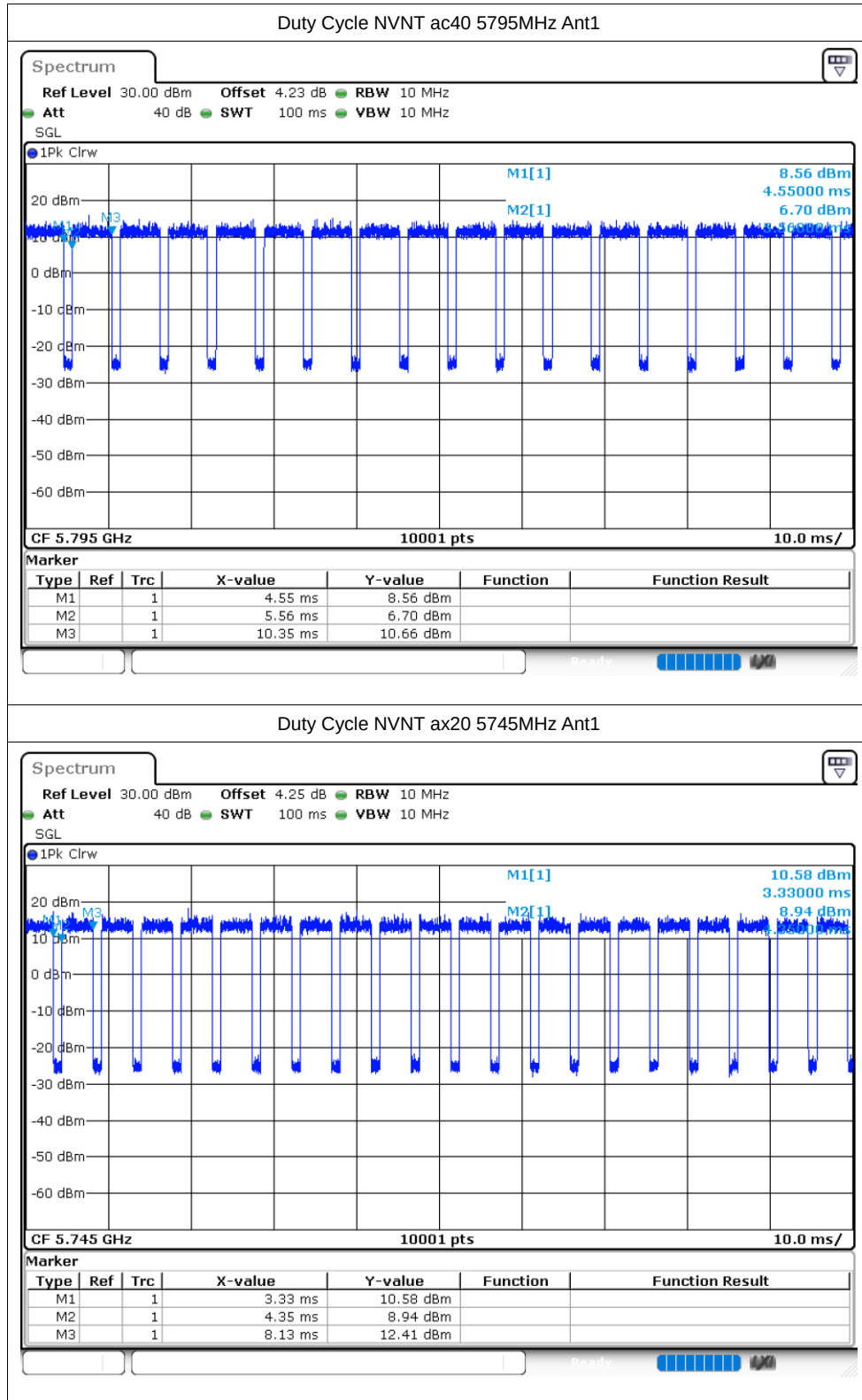


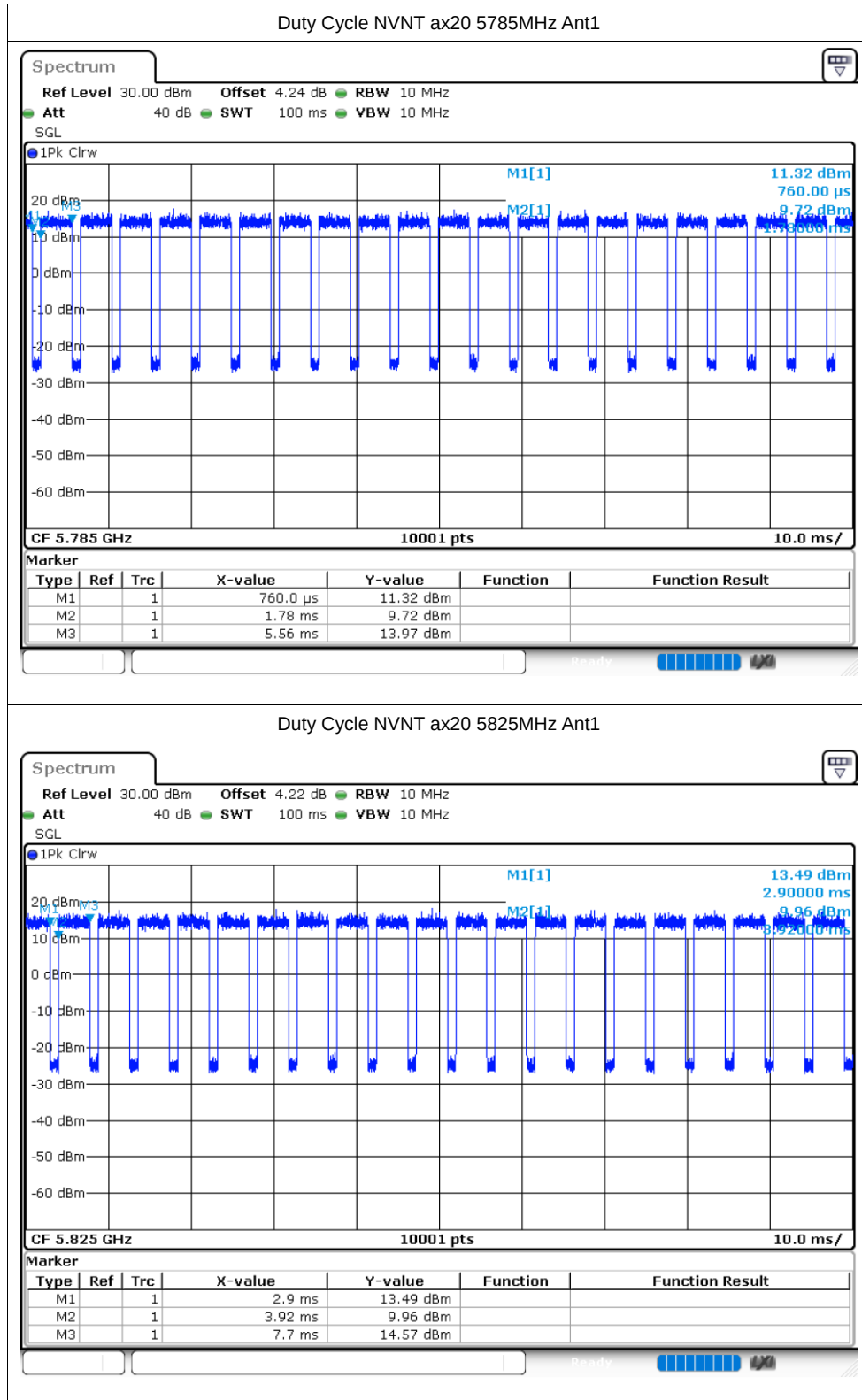


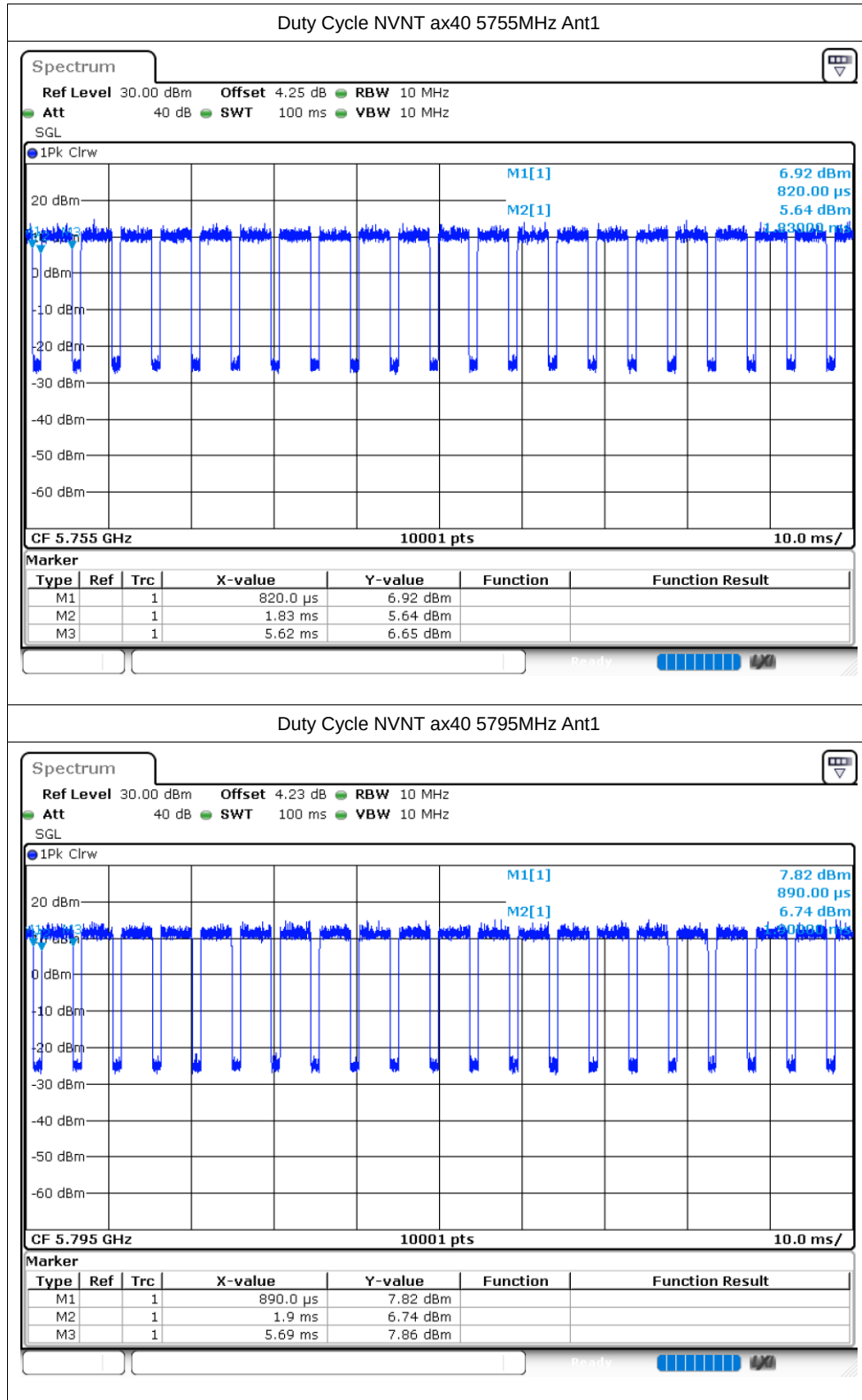












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.52	30	Pass
NVNT	a	5785	Ant1	11.08	30	Pass
NVNT	a	5825	Ant1	10.98	30	Pass
NVNT	n20	5745	Ant1	10.26	30	Pass
NVNT	n20	5785	Ant1	10.95	30	Pass
NVNT	n20	5825	Ant1	10.84	30	Pass
NVNT	n40	5755	Ant1	10.45	30	Pass
NVNT	n40	5795	Ant1	10.76	30	Pass
NVNT	ac20	5745	Ant1	10.26	30	Pass
NVNT	ac20	5785	Ant1	10.83	30	Pass
NVNT	ac20	5825	Ant1	10.56	30	Pass
NVNT	ac40	5755	Ant1	10.27	30	Pass
NVNT	ac40	5795	Ant1	10.9	30	Pass
NVNT	ax20	5745	Ant1	10.19	30	Pass
NVNT	ax20	5785	Ant1	10.74	30	Pass
NVNT	ax20	5825	Ant1	10.34	30	Pass
NVNT	ax40	5755	Ant1	10.4	30	Pass
NVNT	ax40	5795	Ant1	10.81	30	Pass

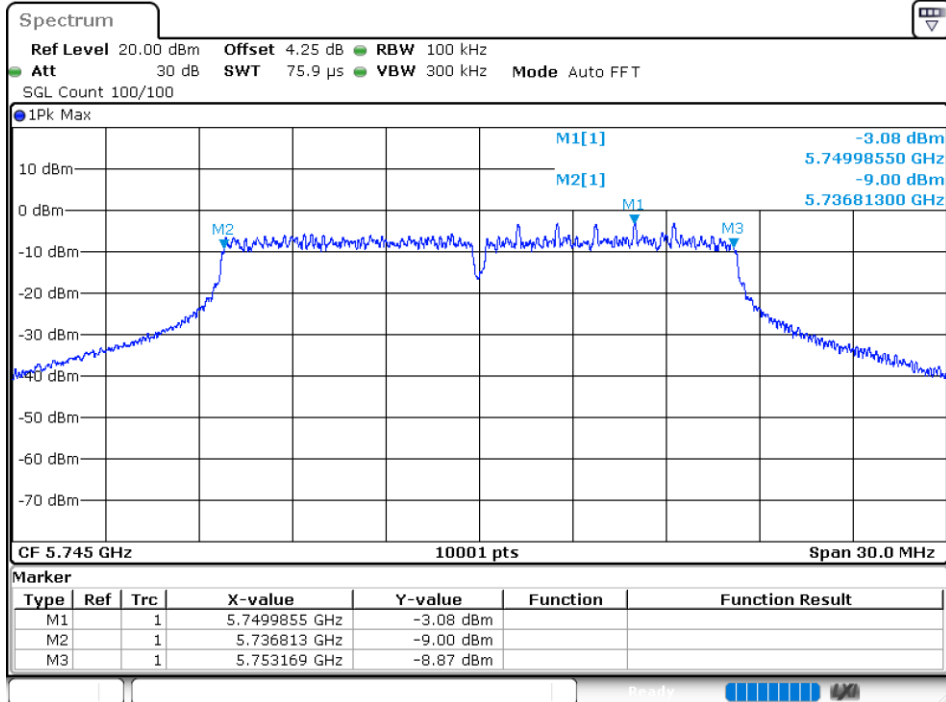
Note: The average power value already includes the duty cycle factor

-6dB Bandwidth

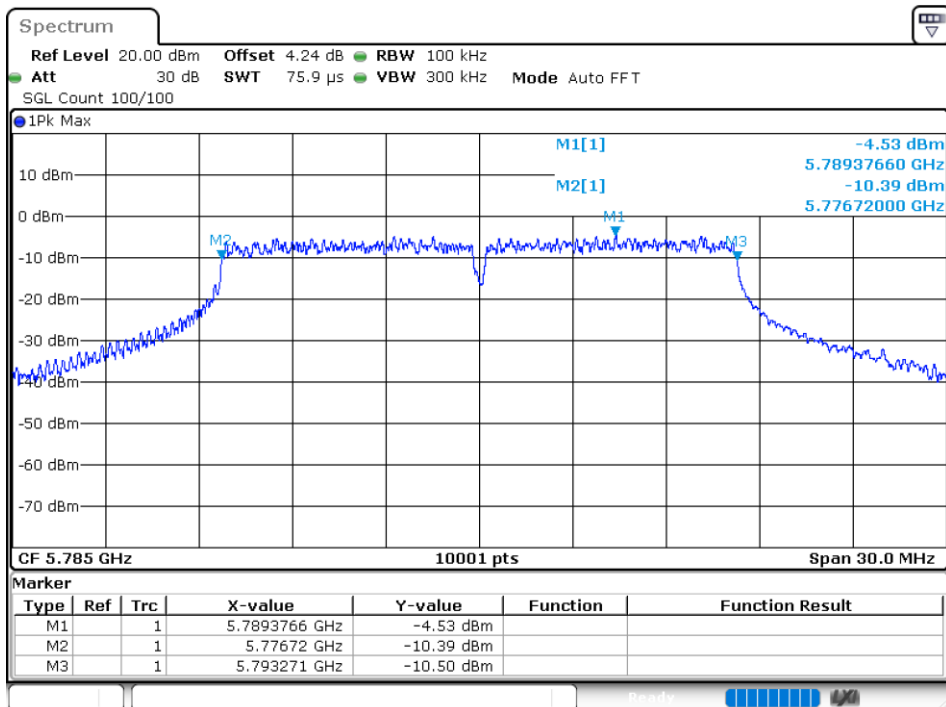
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.356	0.5	Pass
NVNT	a	5785	Ant1	16.551	0.5	Pass
NVNT	a	5825	Ant1	16.545	0.5	Pass
NVNT	n20	5745	Ant1	17.601	0.5	Pass
NVNT	n20	5785	Ant1	17.808	0.5	Pass
NVNT	n20	5825	Ant1	17.589	0.5	Pass
NVNT	n40	5755	Ant1	36.456	0.5	Pass
NVNT	n40	5795	Ant1	36.546	0.5	Pass
NVNT	ac20	5745	Ant1	17.796	0.5	Pass
NVNT	ac20	5785	Ant1	17.808	0.5	Pass
NVNT	ac20	5825	Ant1	17.601	0.5	Pass
NVNT	ac40	5755	Ant1	36.546	0.5	Pass
NVNT	ac40	5795	Ant1	36.492	0.5	Pass
NVNT	ax20	5745	Ant1	18.729	0.5	Pass
NVNT	ax20	5785	Ant1	19.119	0.5	Pass
NVNT	ax20	5825	Ant1	19.068	0.5	Pass
NVNT	ax40	5755	Ant1	38.196	0.5	Pass
NVNT	ax40	5795	Ant1	37.95	0.5	Pass

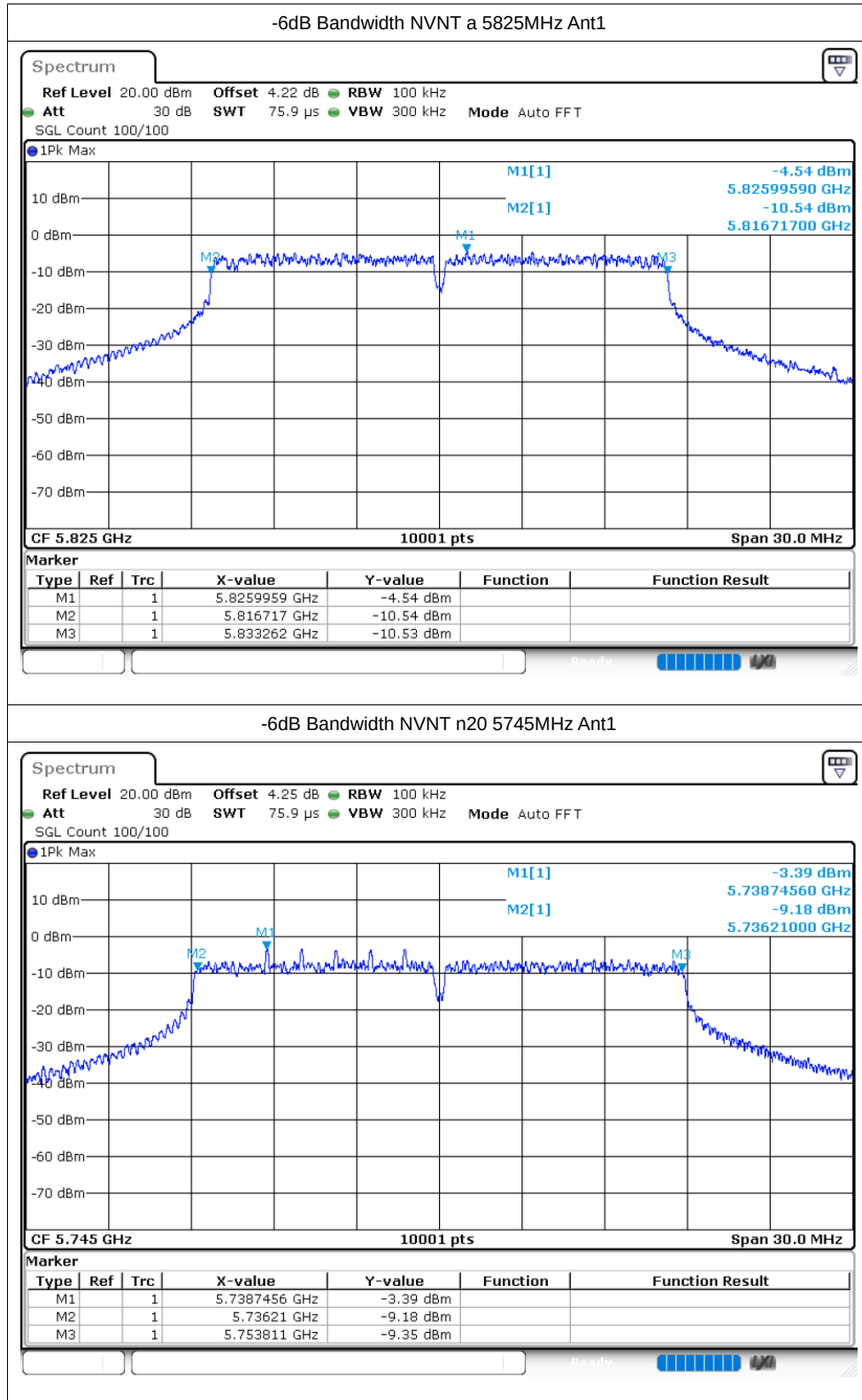
Test Graphs

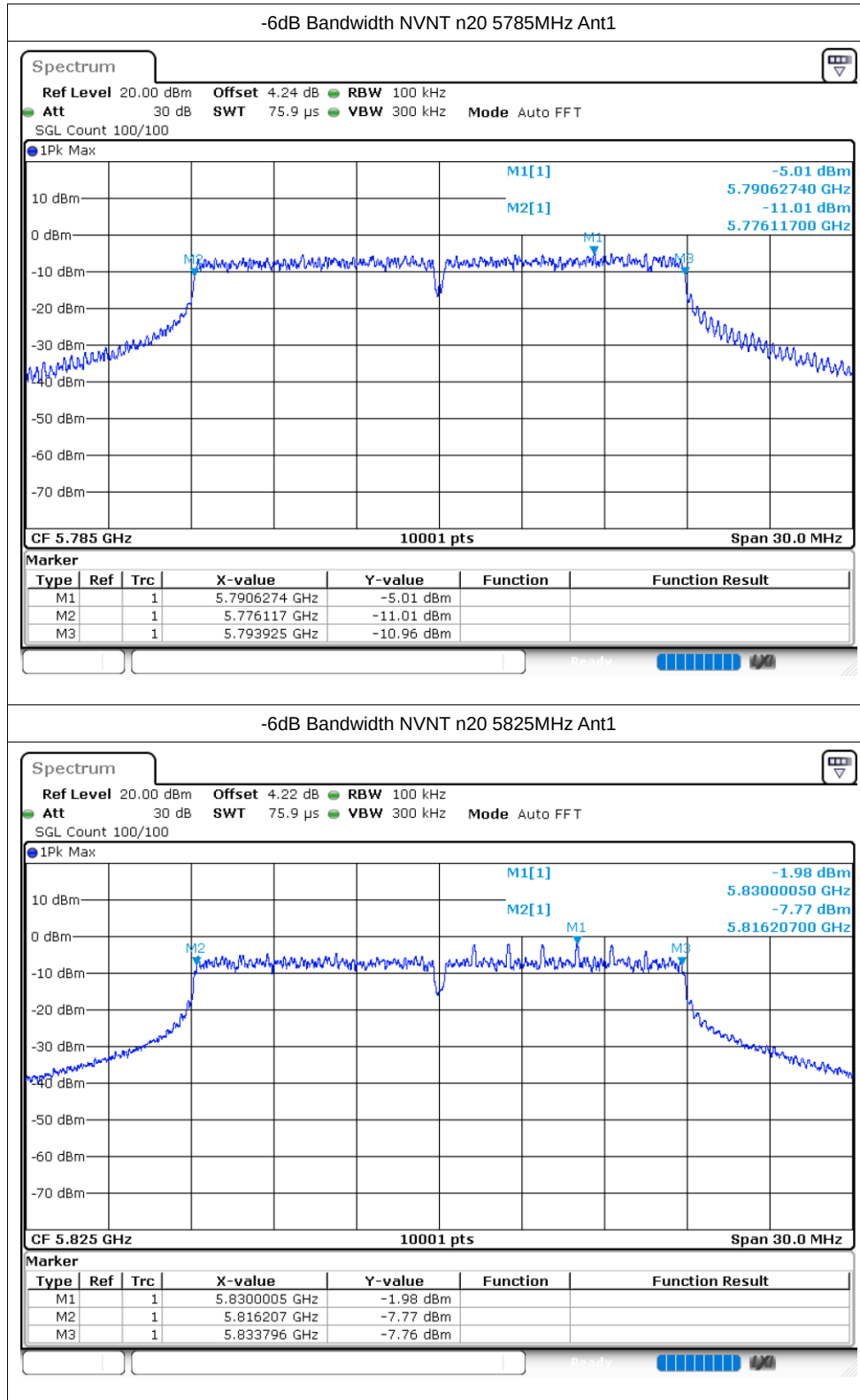
-6dB Bandwidth NVNT a 5745MHz Ant1

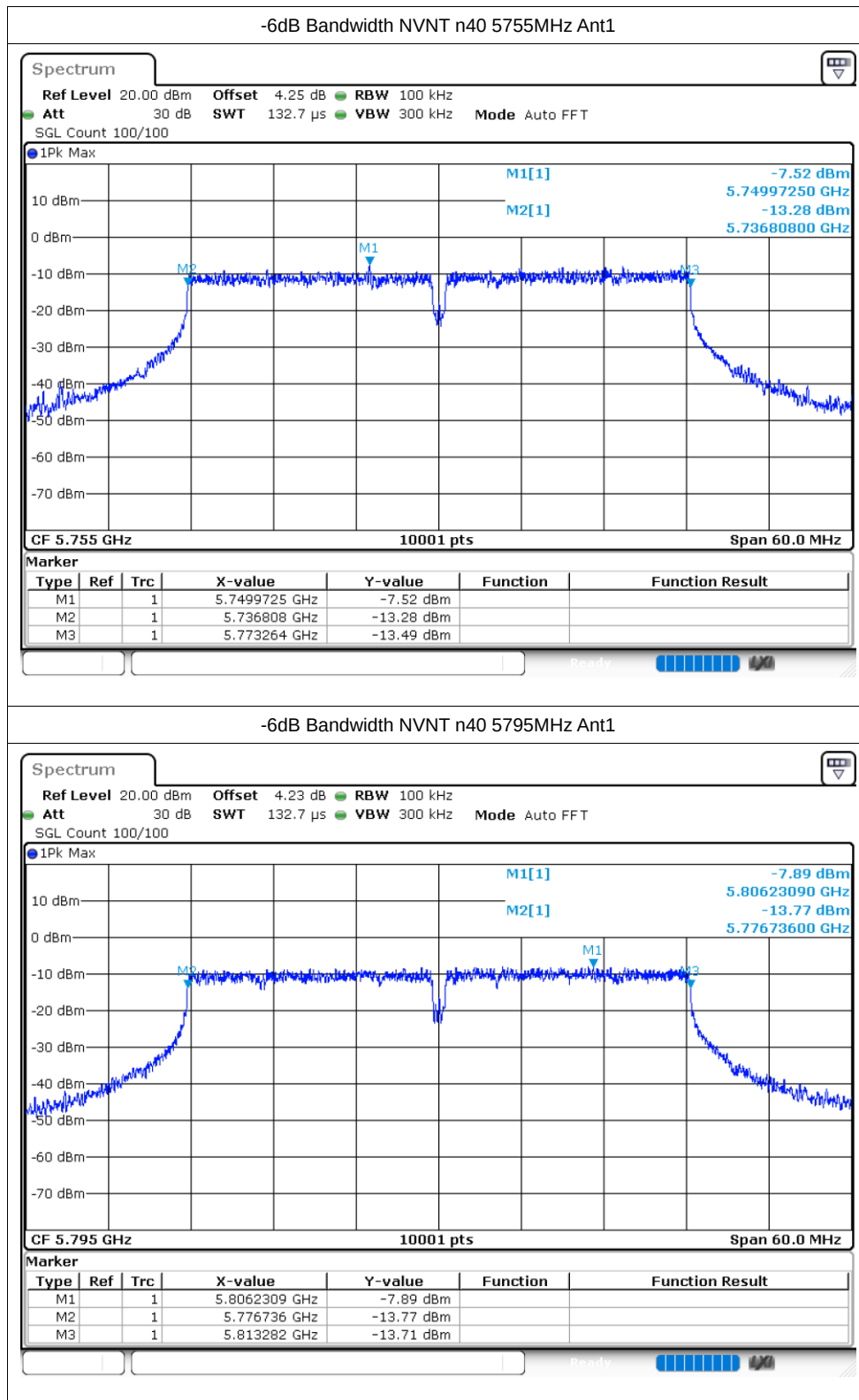


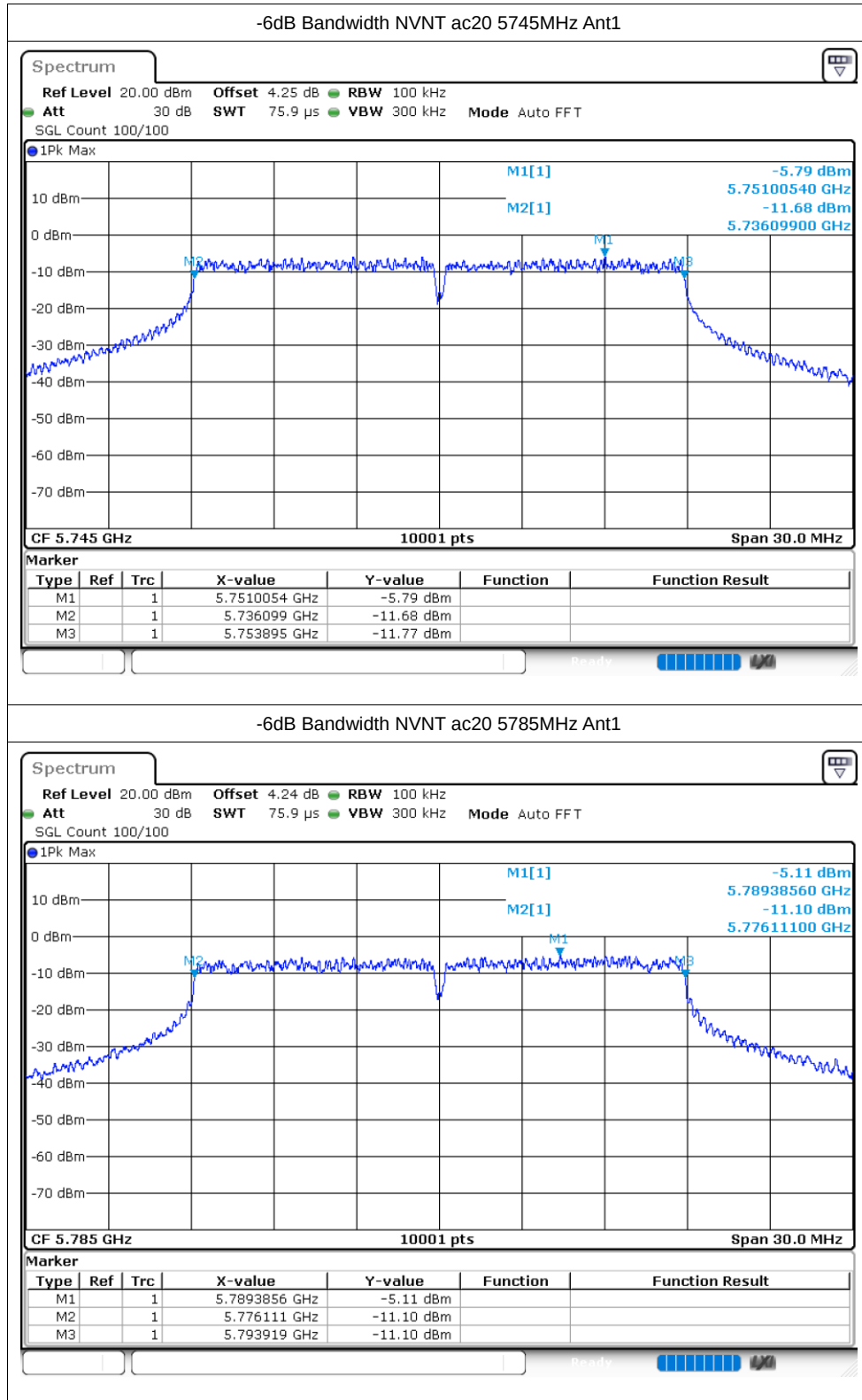
-6dB Bandwidth NVNT a 5785MHz Ant1

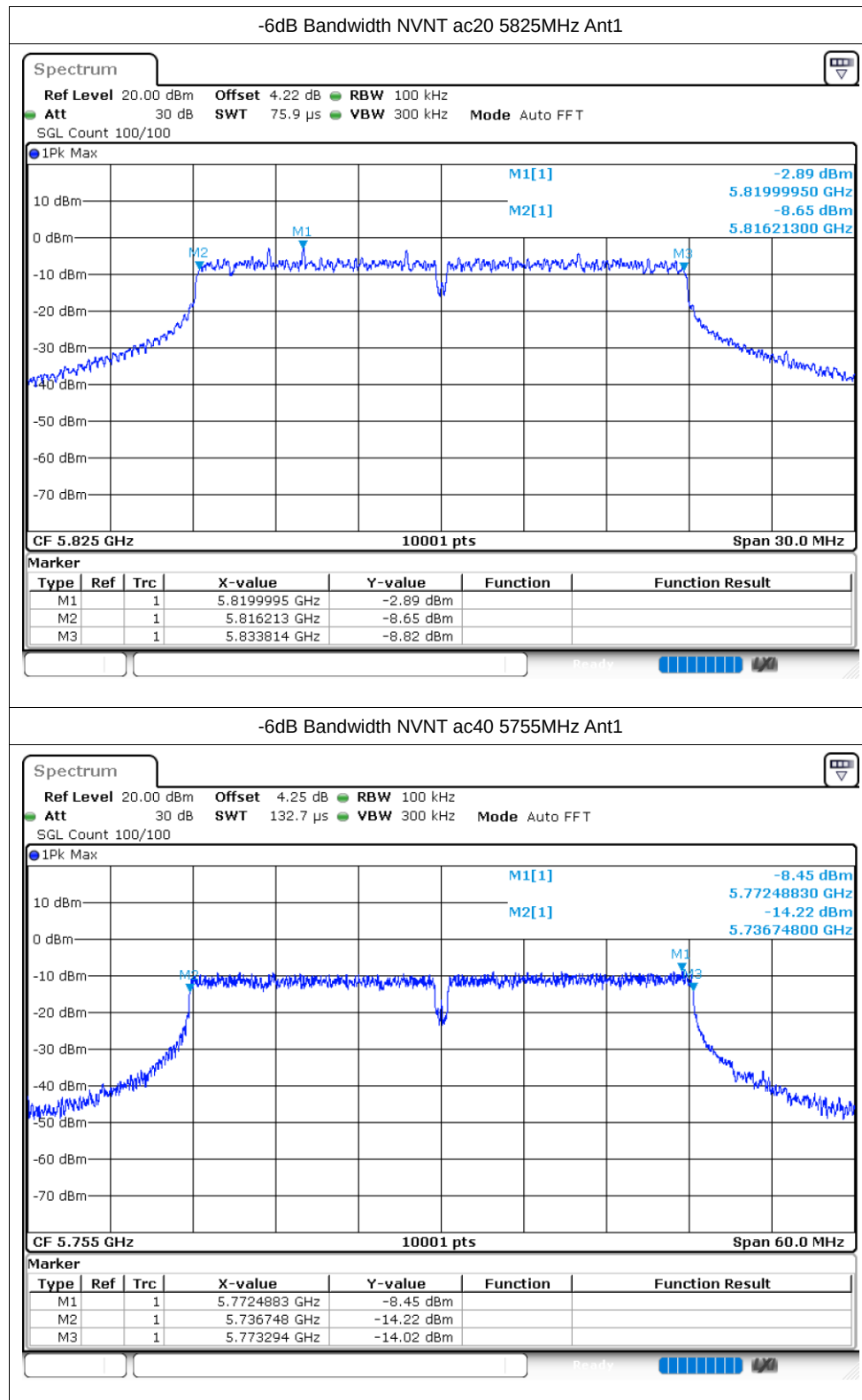


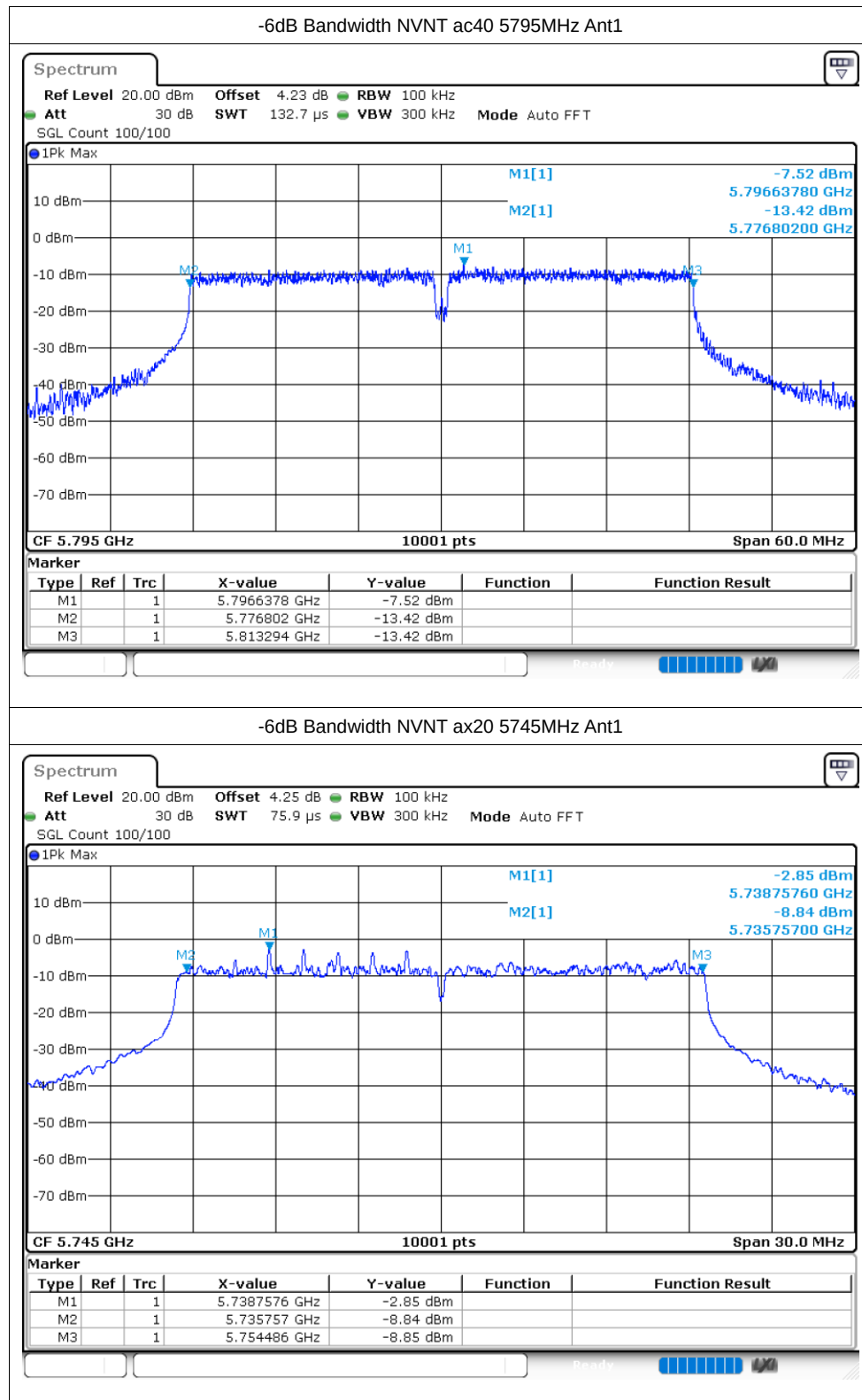


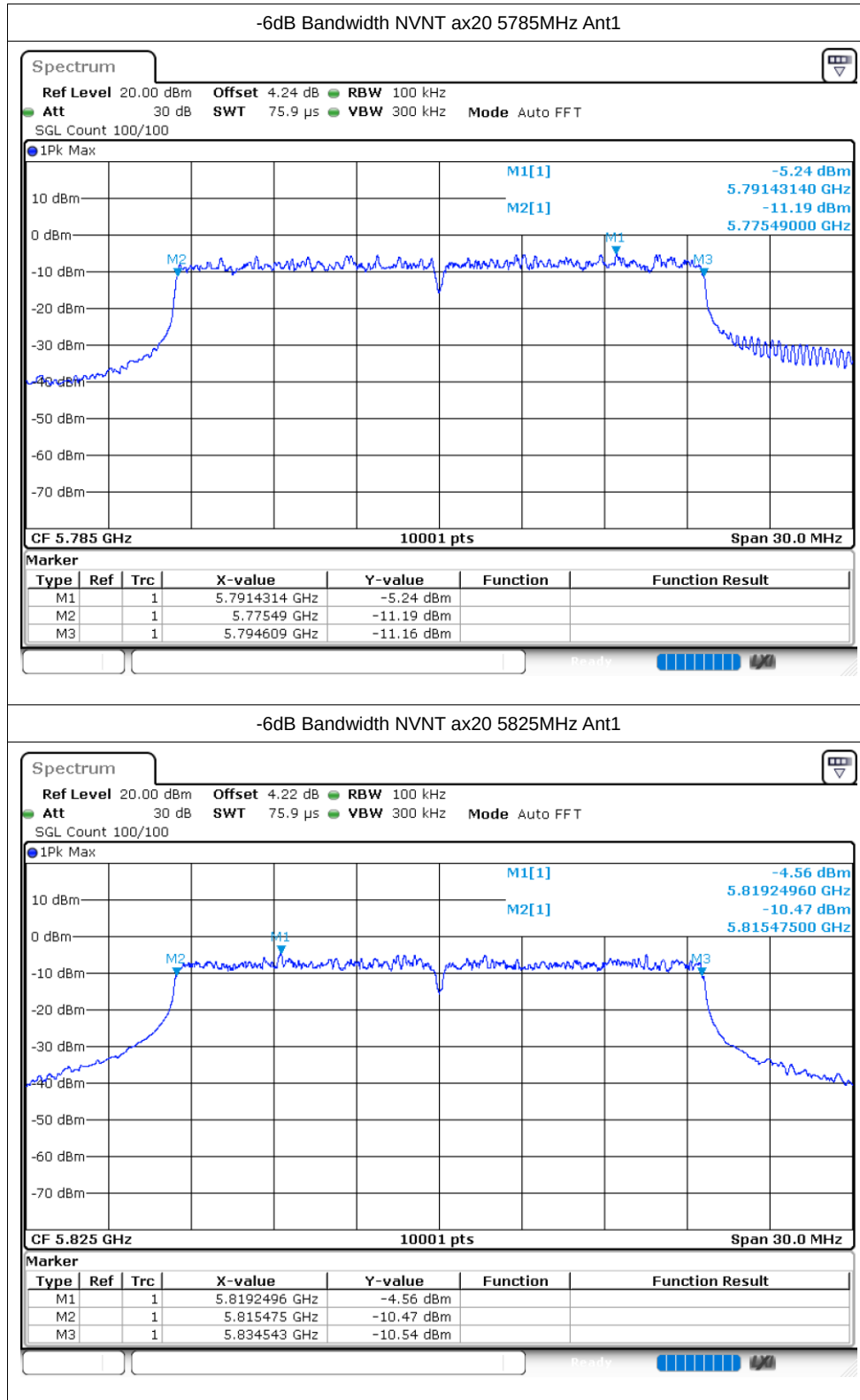


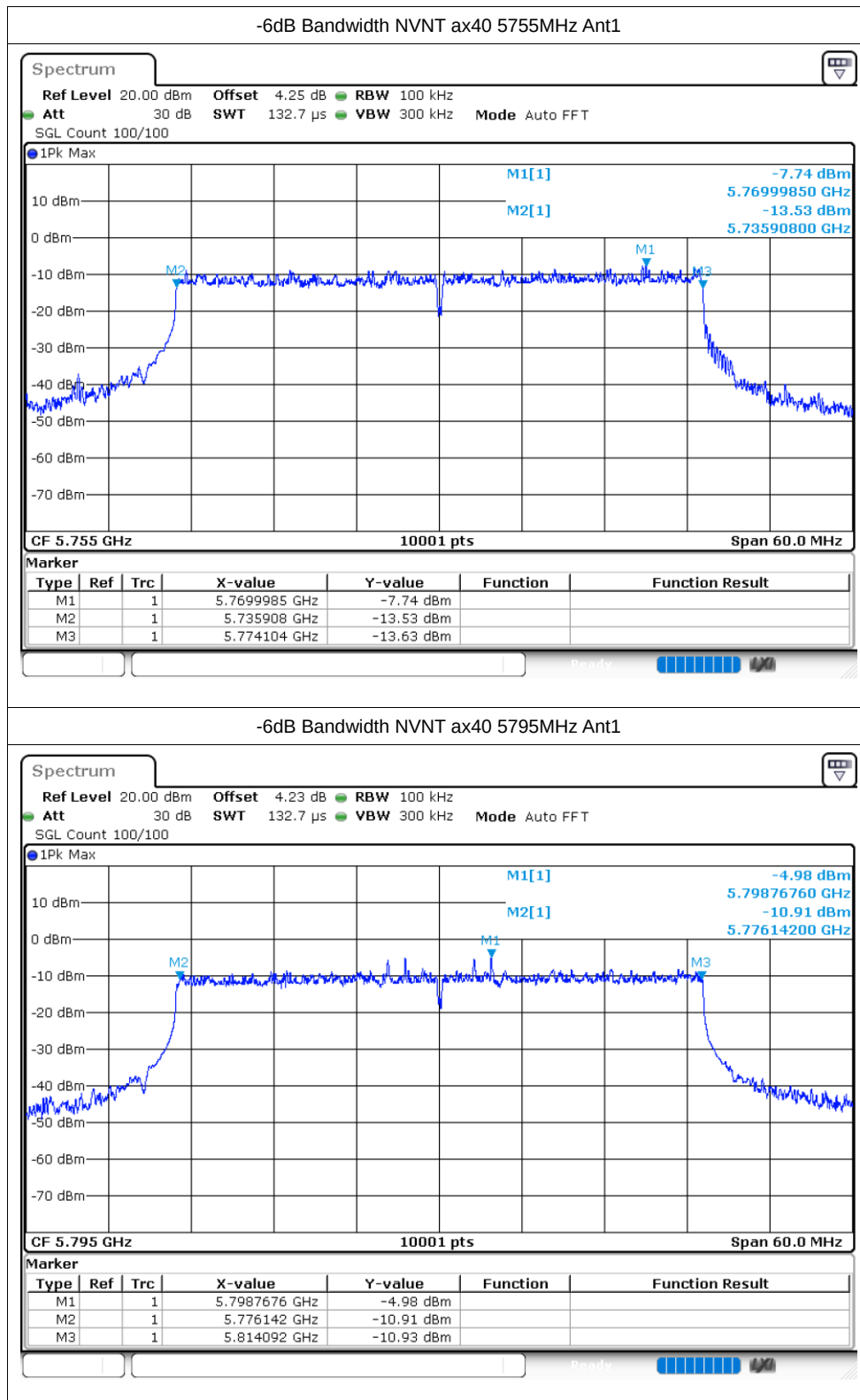










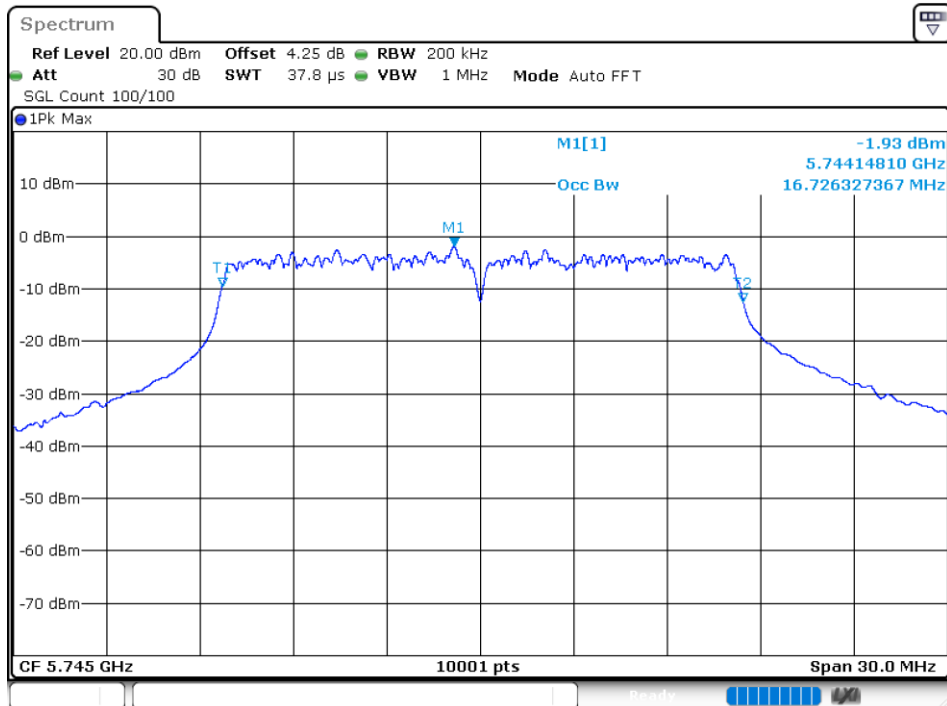


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.726
NVNT	a	5785	Ant1	16.918
NVNT	a	5825	Ant1	16.714
NVNT	n20	5745	Ant1	18.01
NVNT	n20	5785	Ant1	17.785
NVNT	n20	5825	Ant1	17.92
NVNT	n40	5755	Ant1	36.884
NVNT	n40	5795	Ant1	36.764
NVNT	ac20	5745	Ant1	18.931
NVNT	ac20	5785	Ant1	17.8
NVNT	ac20	5825	Ant1	17.818
NVNT	ac40	5755	Ant1	36.986
NVNT	ac40	5795	Ant1	36.776
NVNT	ax20	5745	Ant1	19.519
NVNT	ax20	5785	Ant1	19.354
NVNT	ax20	5825	Ant1	19.072
NVNT	ax40	5755	Ant1	38.132
NVNT	ax40	5795	Ant1	38.018

Test Graphs

OBW NVNT a 5745MHz Ant1



OBW NVNT a 5785MHz Ant1

