

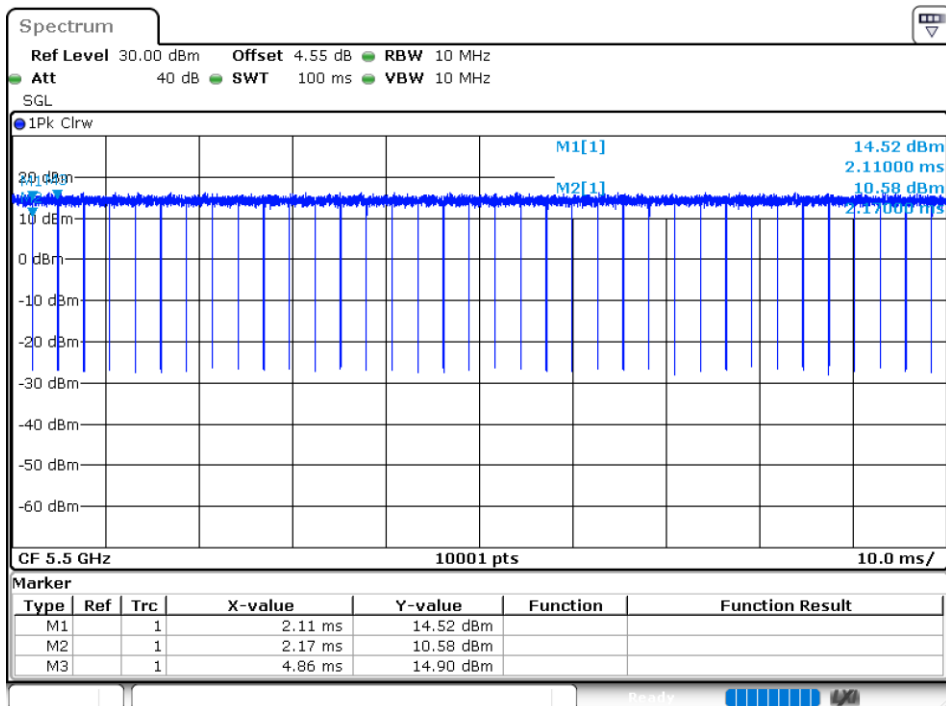
WIFI 5.6G

Duty Cycle

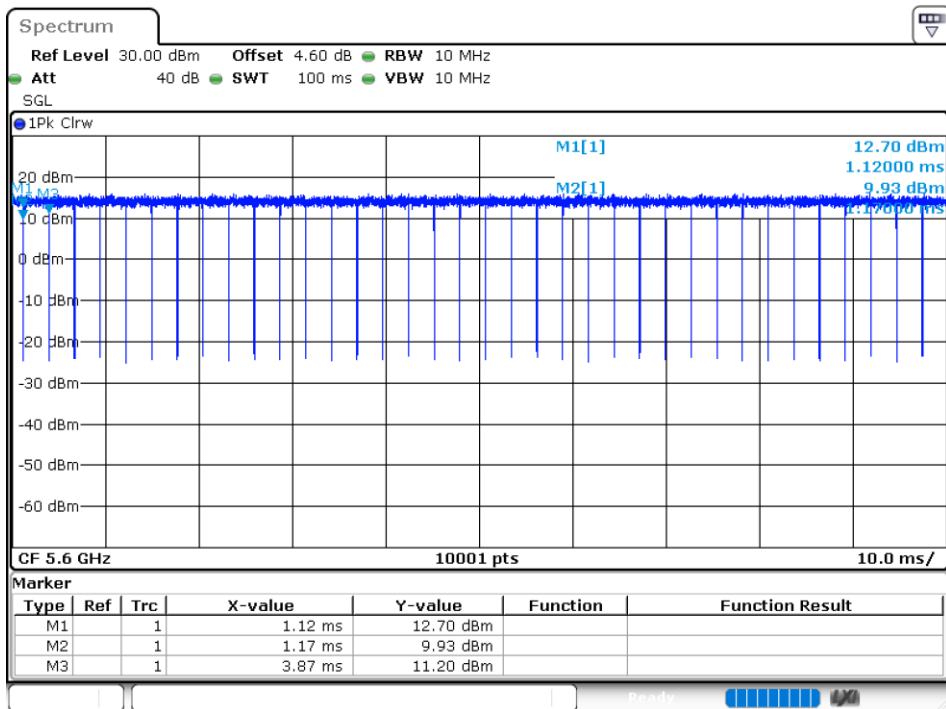
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	98.2	0.08	0.37
NVNT	a	5600	Ant1	98.55	0.06	0.37
NVNT	a	5700	Ant1	98.56	0.06	0.37
NVNT	n20	5500	Ant1	98.07	0.08	0.44
NVNT	n20	5600	Ant1	98.02	0.09	0.44
NVNT	n20	5700	Ant1	98.06	0.09	0.44
NVNT	n40	5510	Ant1	98.11	0.08	0.46
NVNT	n40	5590	Ant1	98.1	0.08	0.46
NVNT	n40	5670	Ant1	98.02	0.09	0.46
NVNT	ac20	5500	Ant1	98.73	0.06	0.3
NVNT	ac20	5600	Ant1	98.72	0.06	0.3
NVNT	ac20	5700	Ant1	98.72	0.06	0.3
NVNT	ac40	5510	Ant1	98.16	0.08	0.45
NVNT	ac40	5590	Ant1	98.2	0.08	0.45
NVNT	ac40	5670	Ant1	98.1	0.08	0.45
NVNT	ax20	5500	Ant1	98.72	0.06	0.3
NVNT	ax20	5600	Ant1	98.75	0.05	0.3
NVNT	ax20	5700	Ant1	98.73	0.06	0.3
NVNT	ax40	5510	Ant1	98.07	0.08	0.45
NVNT	ax40	5590	Ant1	98.06	0.09	0.45
NVNT	ax40	5670	Ant1	98.19	0.08	0.45

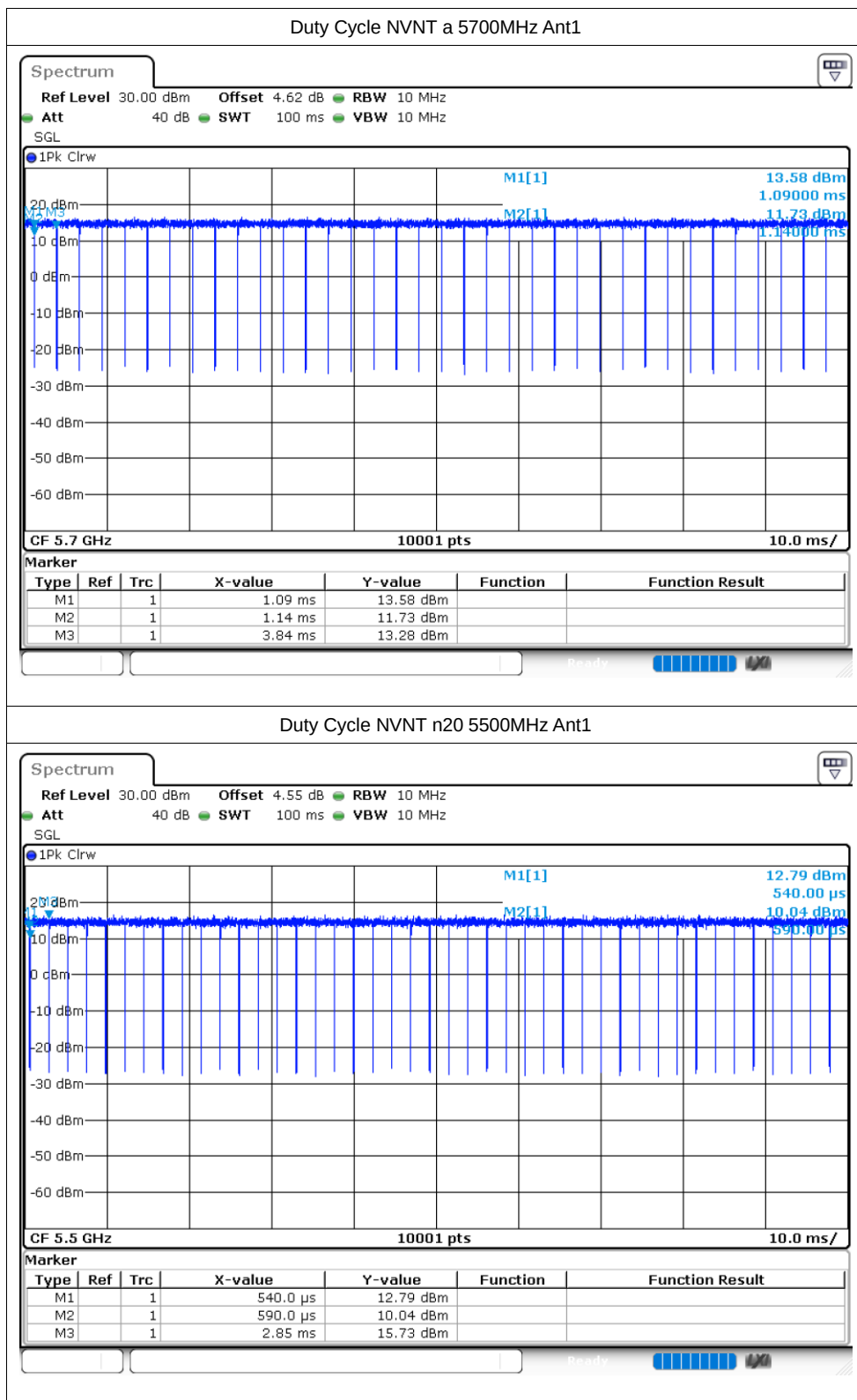
Test Graphs

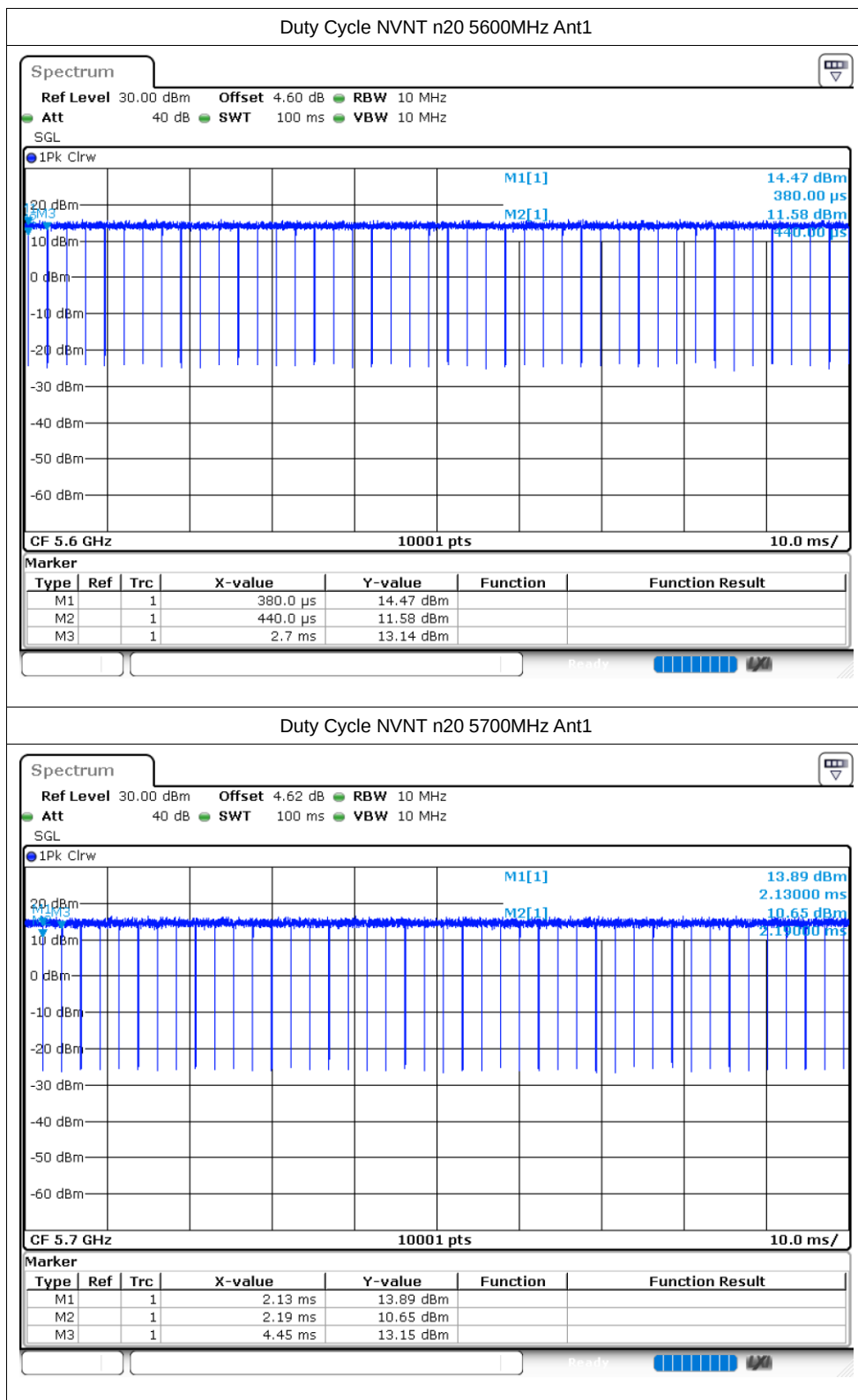
Duty Cycle NVNT a 5500MHz Ant1

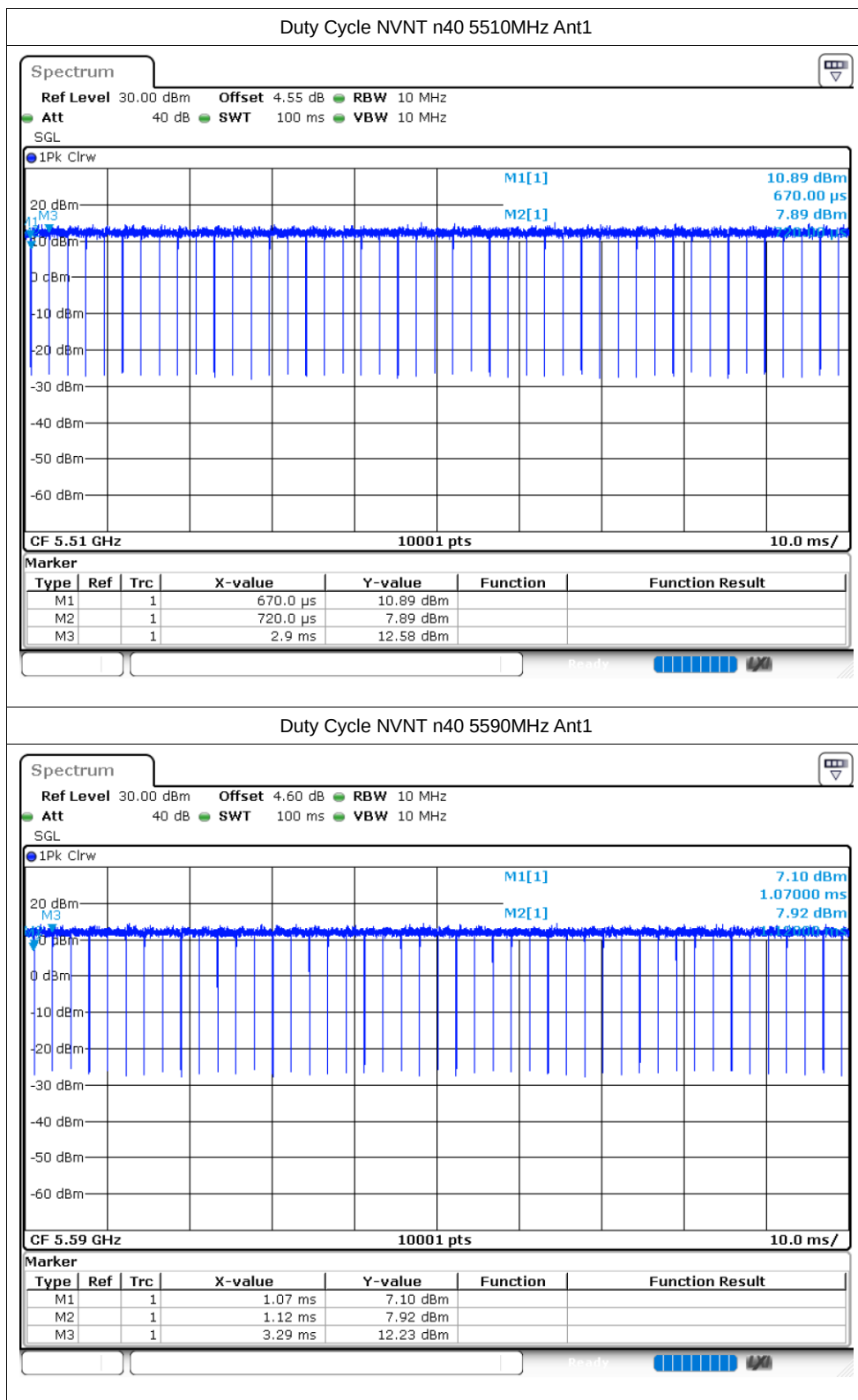


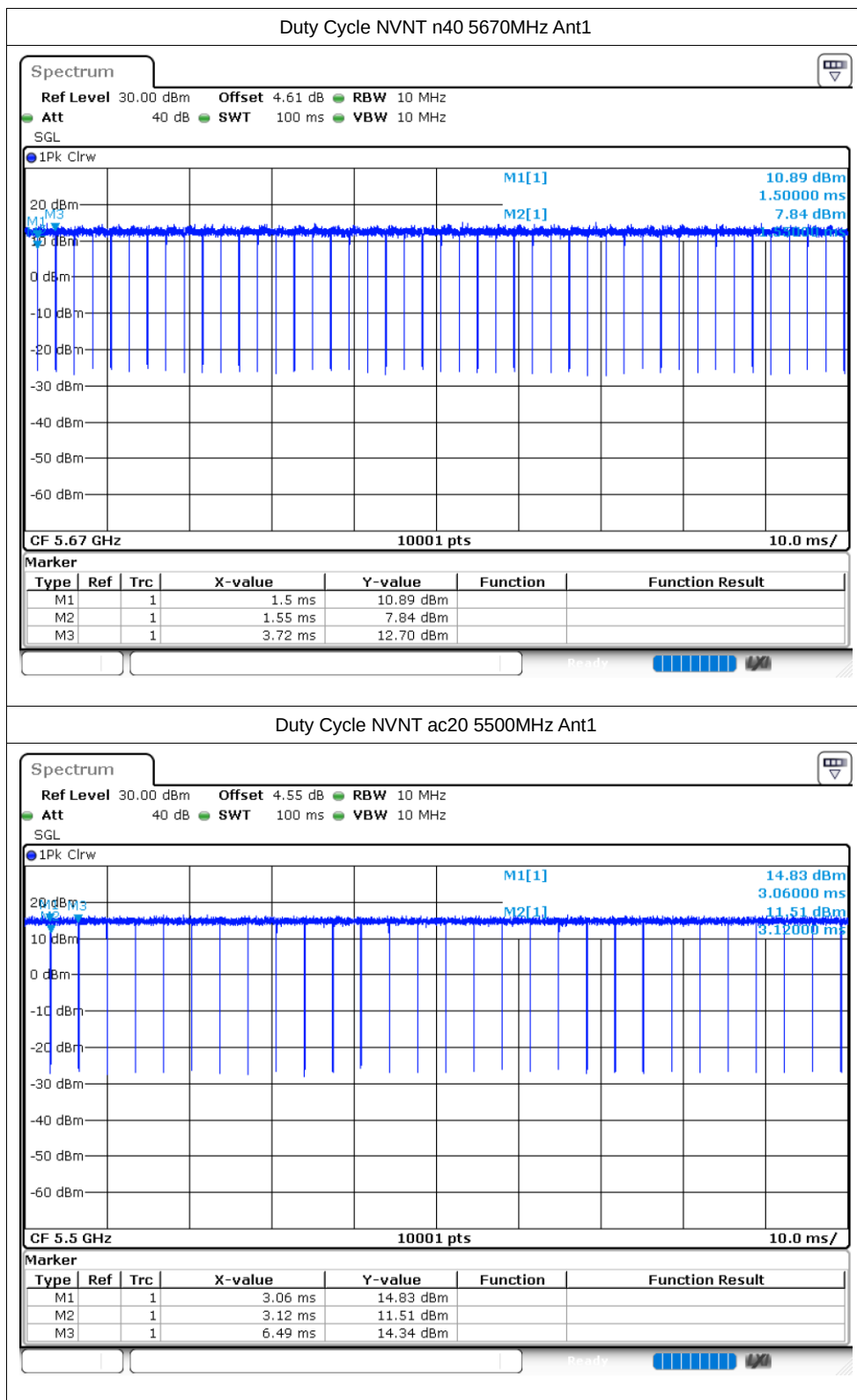
Duty Cycle NVNT a 5600MHz Ant1

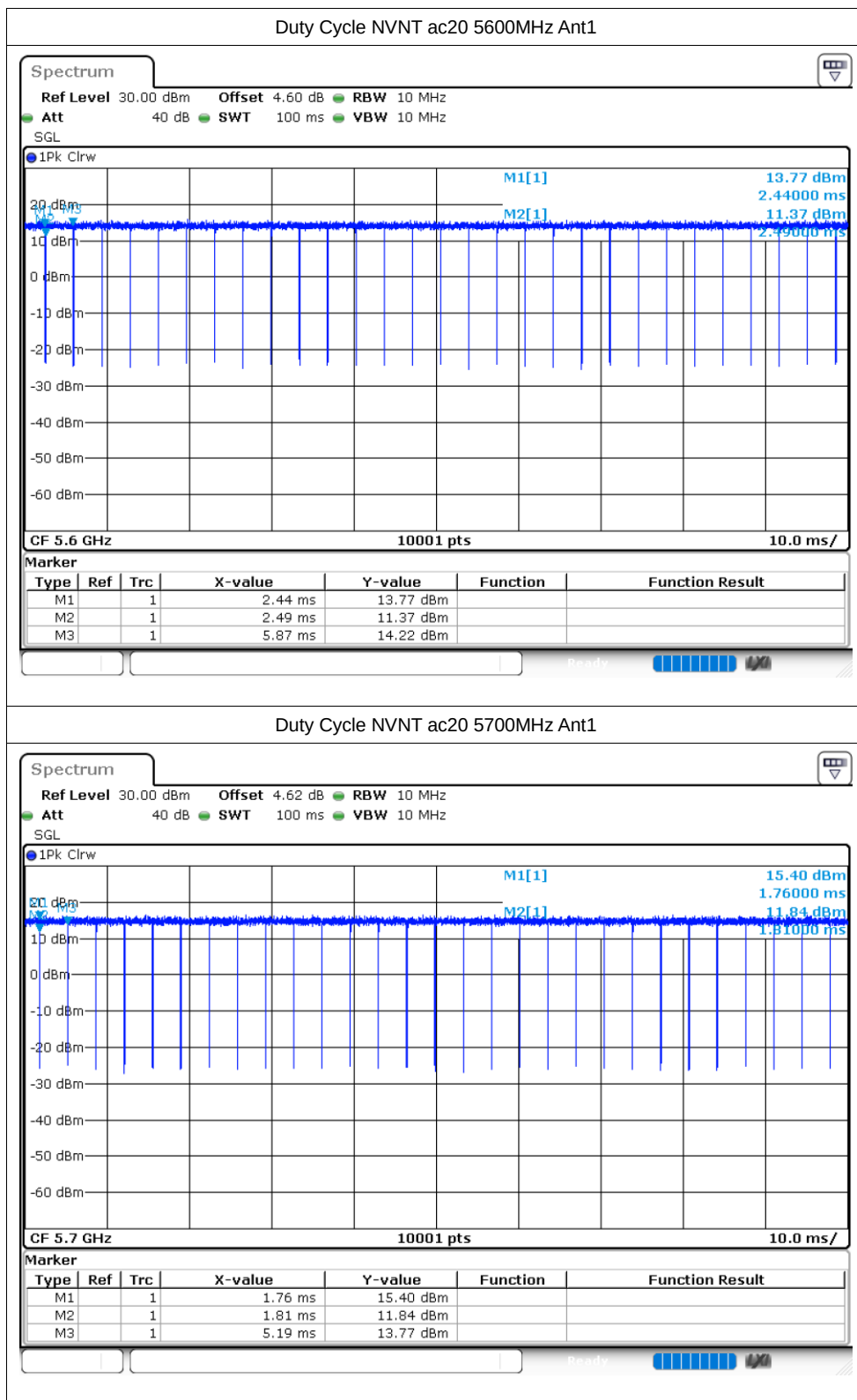


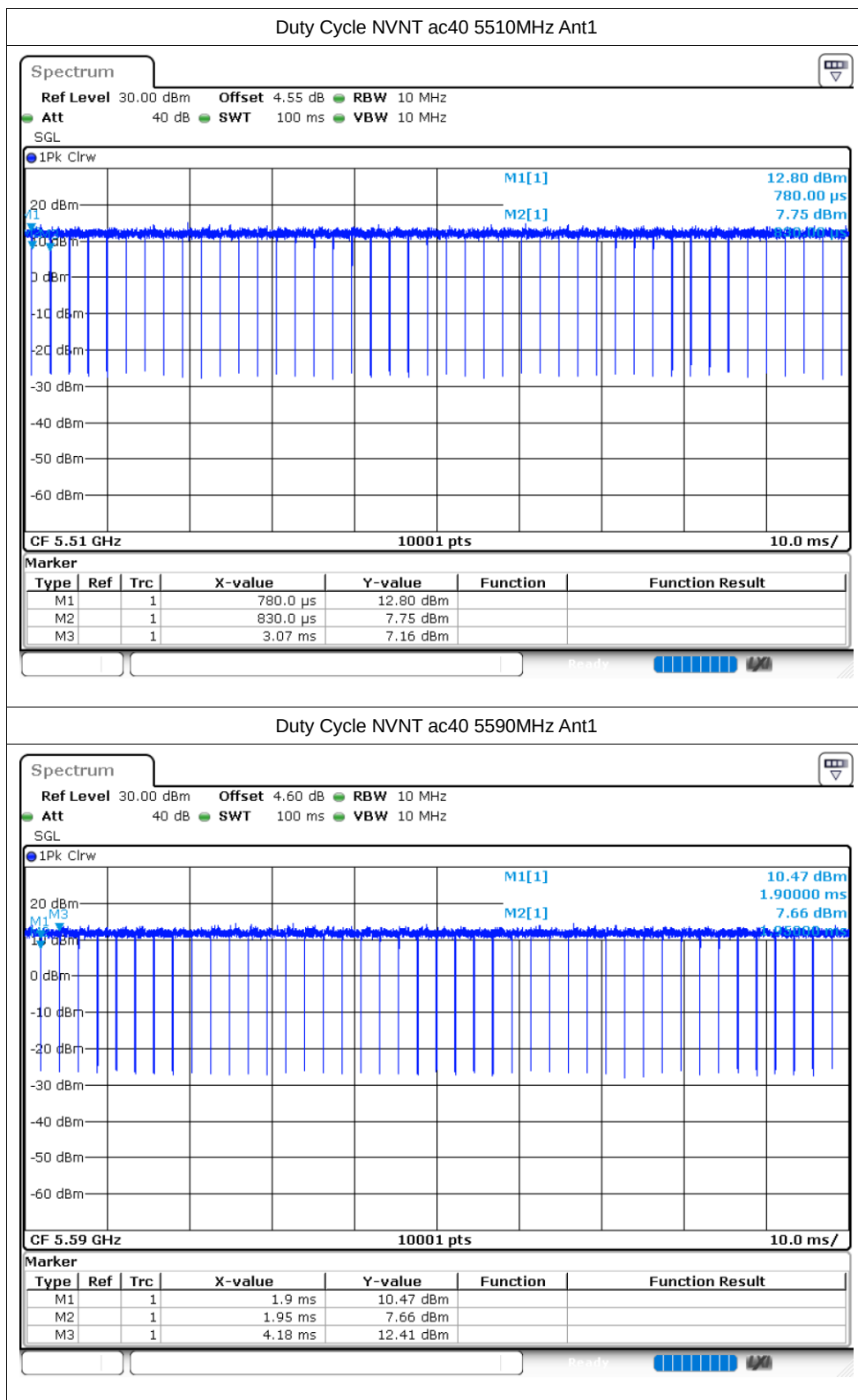


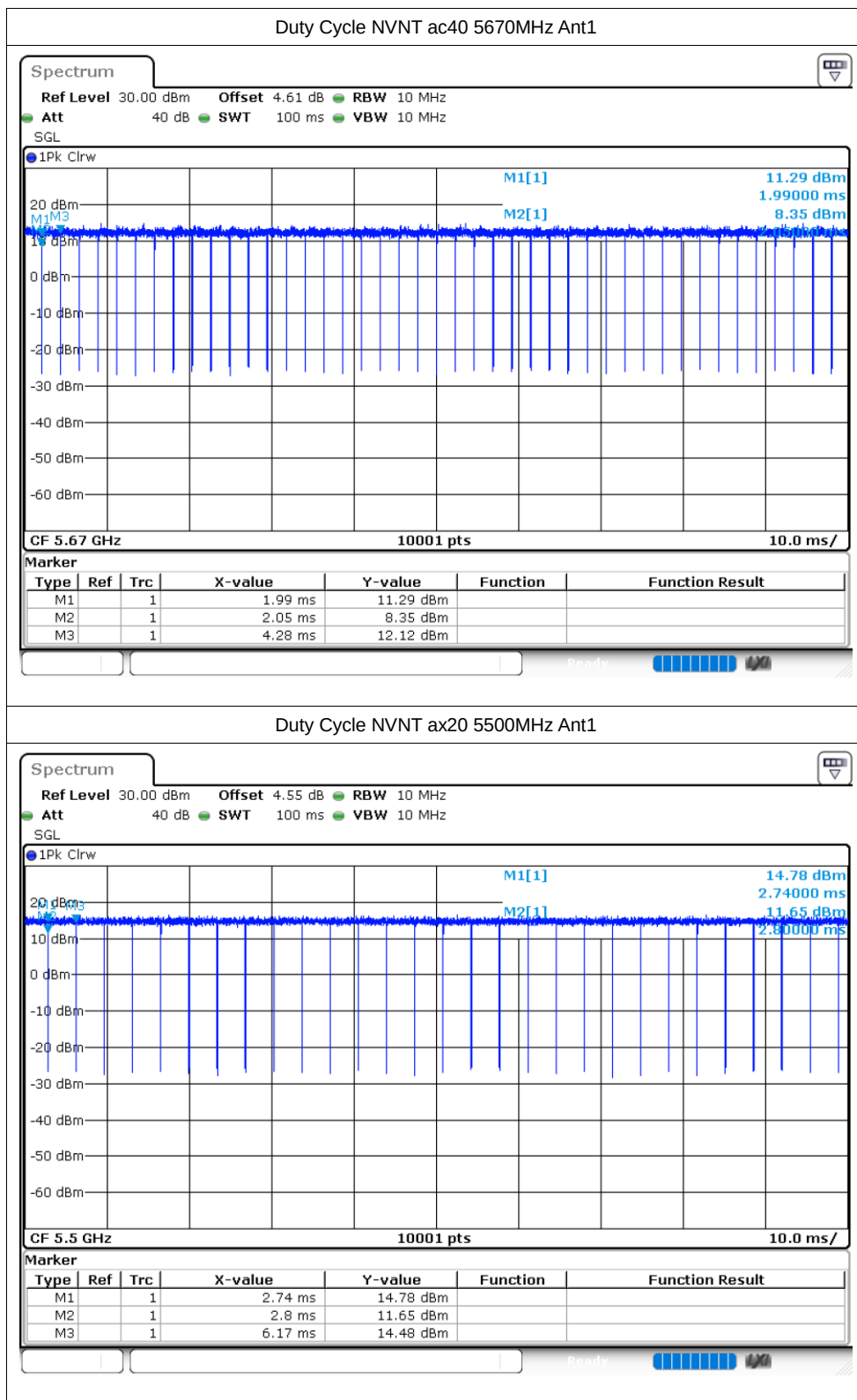


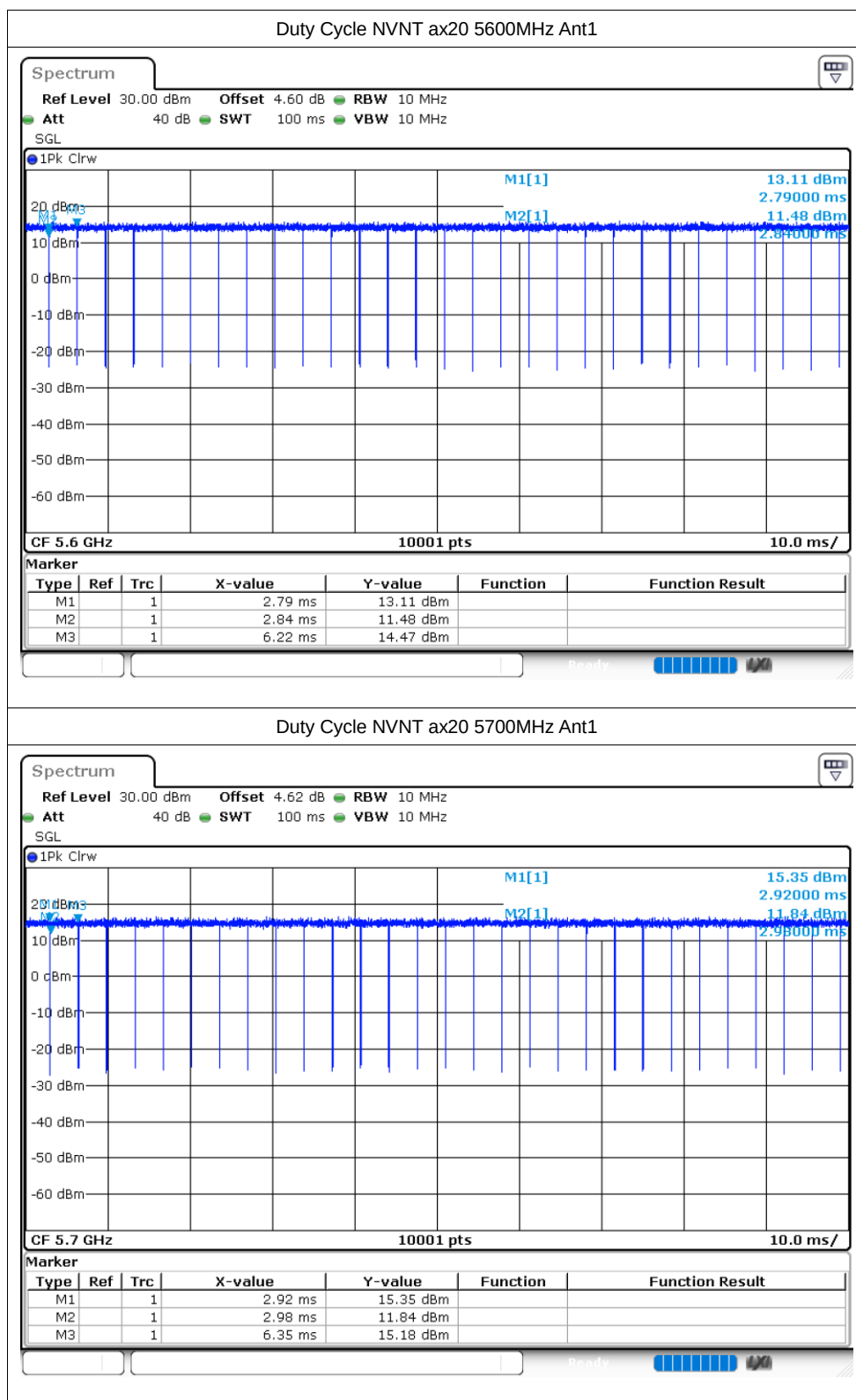


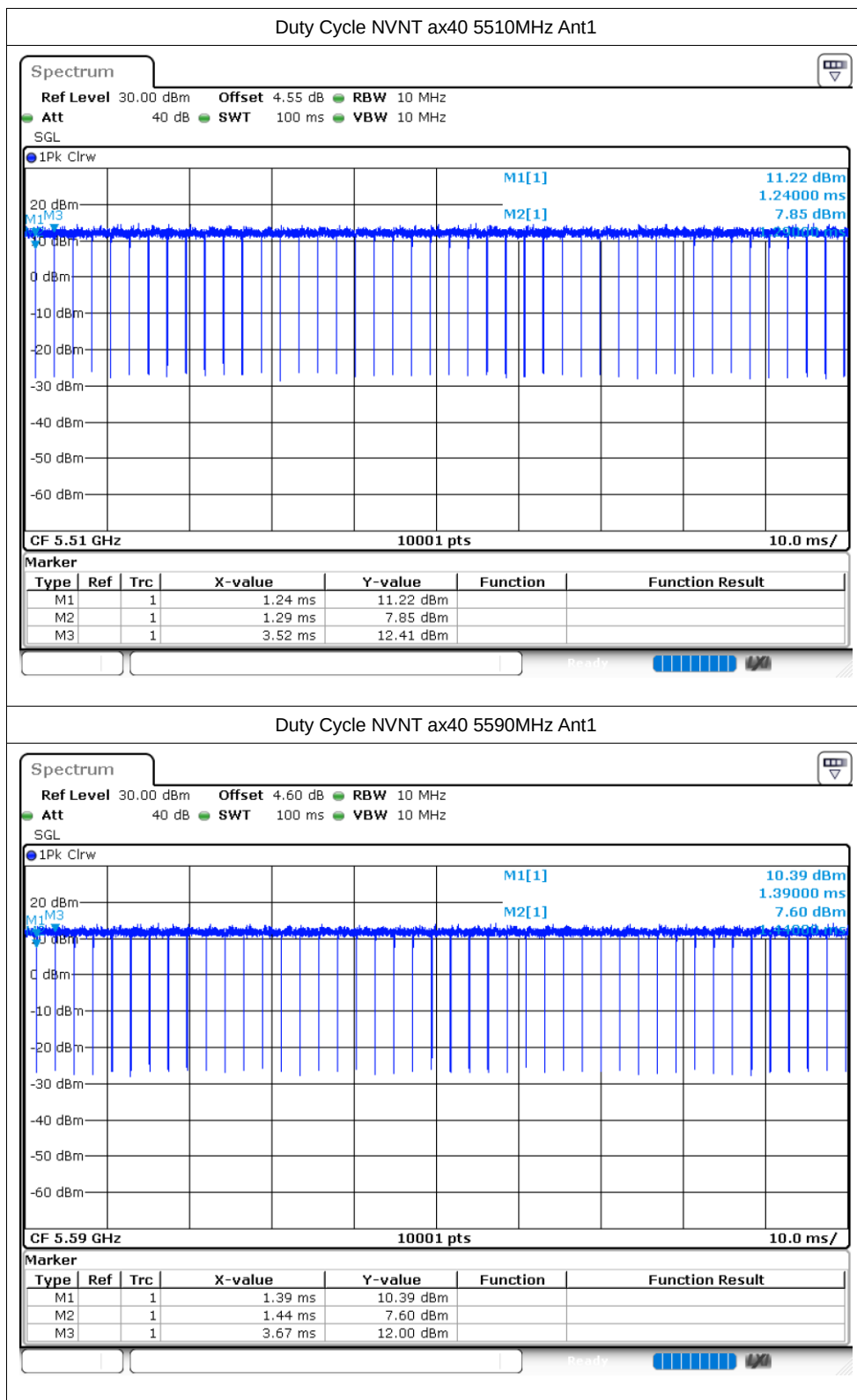


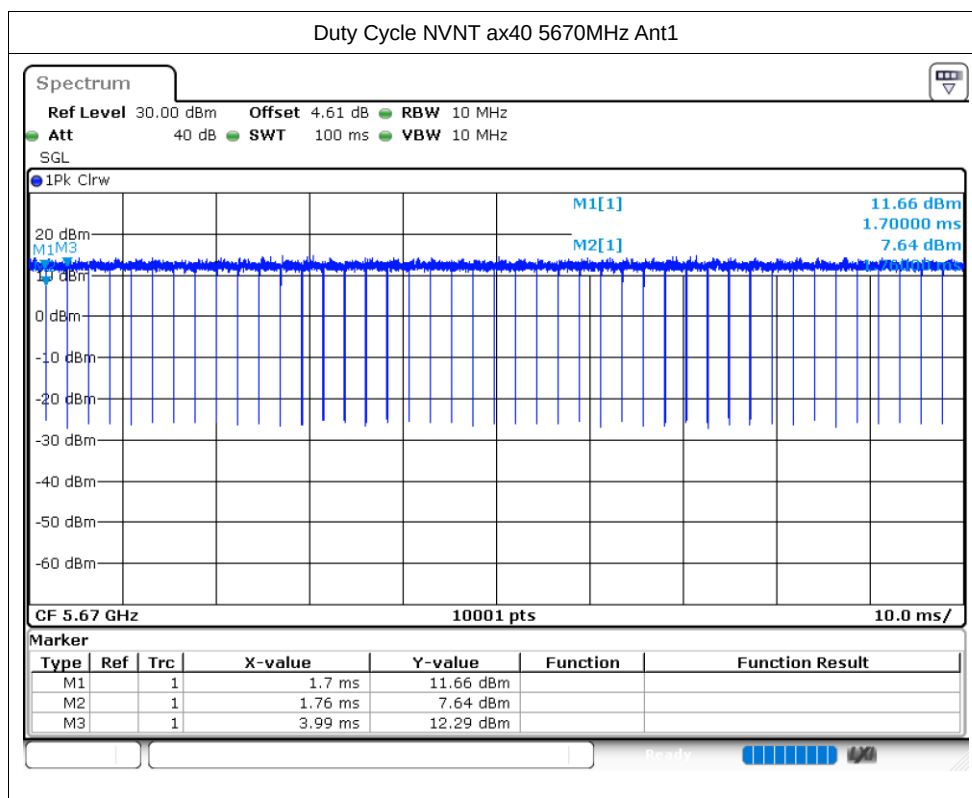












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	13.01	24	Pass
NVNT	a	5600	Ant1	11.81	24	Pass
NVNT	a	5700	Ant1	12.61	24	Pass
NVNT	n20	5500	Ant1	12.57	24	Pass
NVNT	n20	5600	Ant1	11.56	24	Pass
NVNT	n20	5700	Ant1	11.98	24	Pass
NVNT	n40	5510	Ant1	12.2	24	Pass
NVNT	n40	5590	Ant1	11.91	24	Pass
NVNT	n40	5670	Ant1	11.85	24	Pass
NVNT	ac20	5500	Ant1	13.09	24	Pass
NVNT	ac20	5600	Ant1	11.43	24	Pass
NVNT	ac20	5700	Ant1	12.57	24	Pass
NVNT	ac40	5510	Ant1	12.98	24	Pass
NVNT	ac40	5590	Ant1	11.89	24	Pass
NVNT	ac40	5670	Ant1	12.34	24	Pass
NVNT	ax20	5500	Ant1	12.82	24	Pass
NVNT	ax20	5600	Ant1	11.52	24	Pass
NVNT	ax20	5700	Ant1	13.05	24	Pass
NVNT	ax40	5510	Ant1	12.32	24	Pass
NVNT	ax40	5590	Ant1	11.4	24	Pass
NVNT	ax40	5670	Ant1	11.76	24	Pass

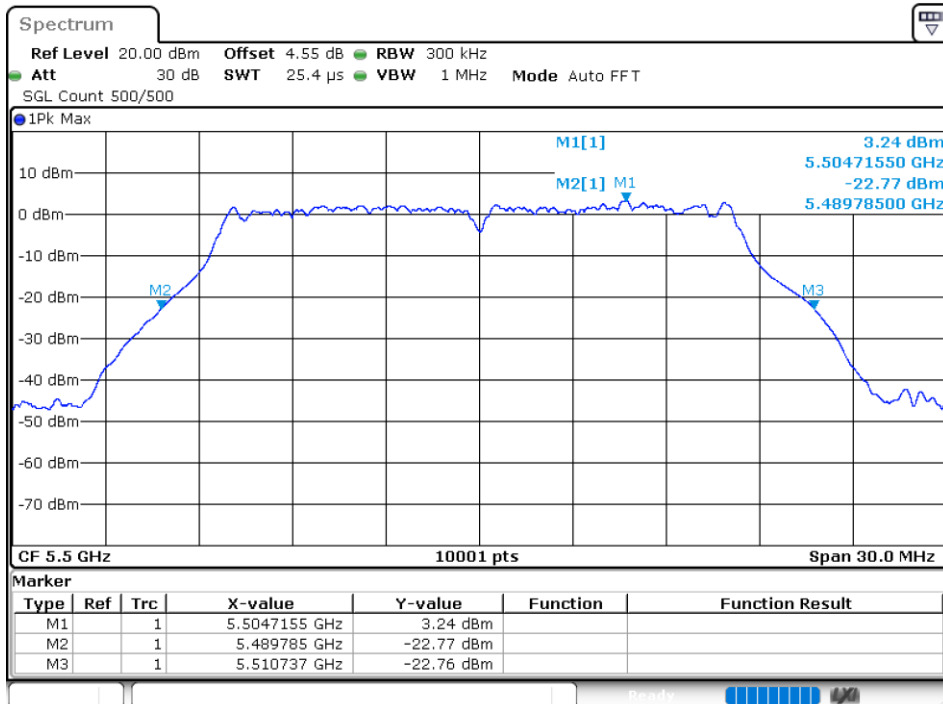
Note: The average power value already includes the duty cycle factor.

-26dB Bandwidth

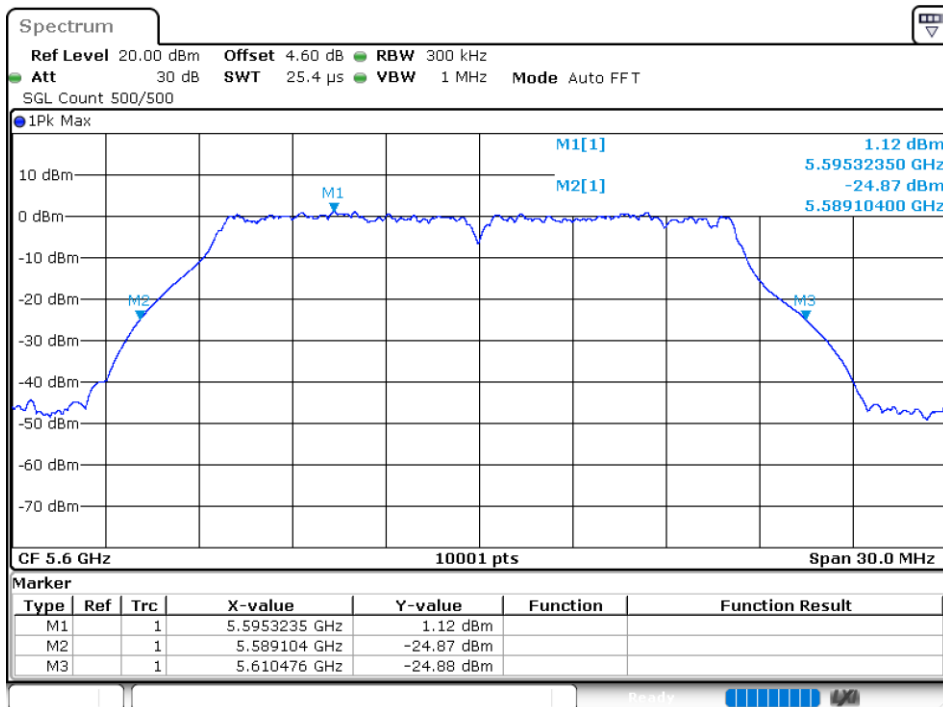
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	20.952	Pass
NVNT	a	5600	Ant1	21.372	Pass
NVNT	a	5700	Ant1	21.174	Pass
NVNT	n20	5500	Ant1	21.408	Pass
NVNT	n20	5600	Ant1	21.81	Pass
NVNT	n20	5700	Ant1	21.507	Pass
NVNT	n40	5510	Ant1	41.31	Pass
NVNT	n40	5590	Ant1	41.832	Pass
NVNT	n40	5670	Ant1	41.19	Pass
NVNT	ac20	5500	Ant1	21.369	Pass
NVNT	ac20	5600	Ant1	21.489	Pass
NVNT	ac20	5700	Ant1	20.901	Pass
NVNT	ac40	5510	Ant1	40.68	Pass
NVNT	ac40	5590	Ant1	40.572	Pass
NVNT	ac40	5670	Ant1	41.616	Pass
NVNT	ax20	5500	Ant1	21.807	Pass
NVNT	ax20	5600	Ant1	21.675	Pass
NVNT	ax20	5700	Ant1	21.396	Pass
NVNT	ax40	5510	Ant1	40.938	Pass
NVNT	ax40	5590	Ant1	40.74	Pass
NVNT	ax40	5670	Ant1	40.842	Pass

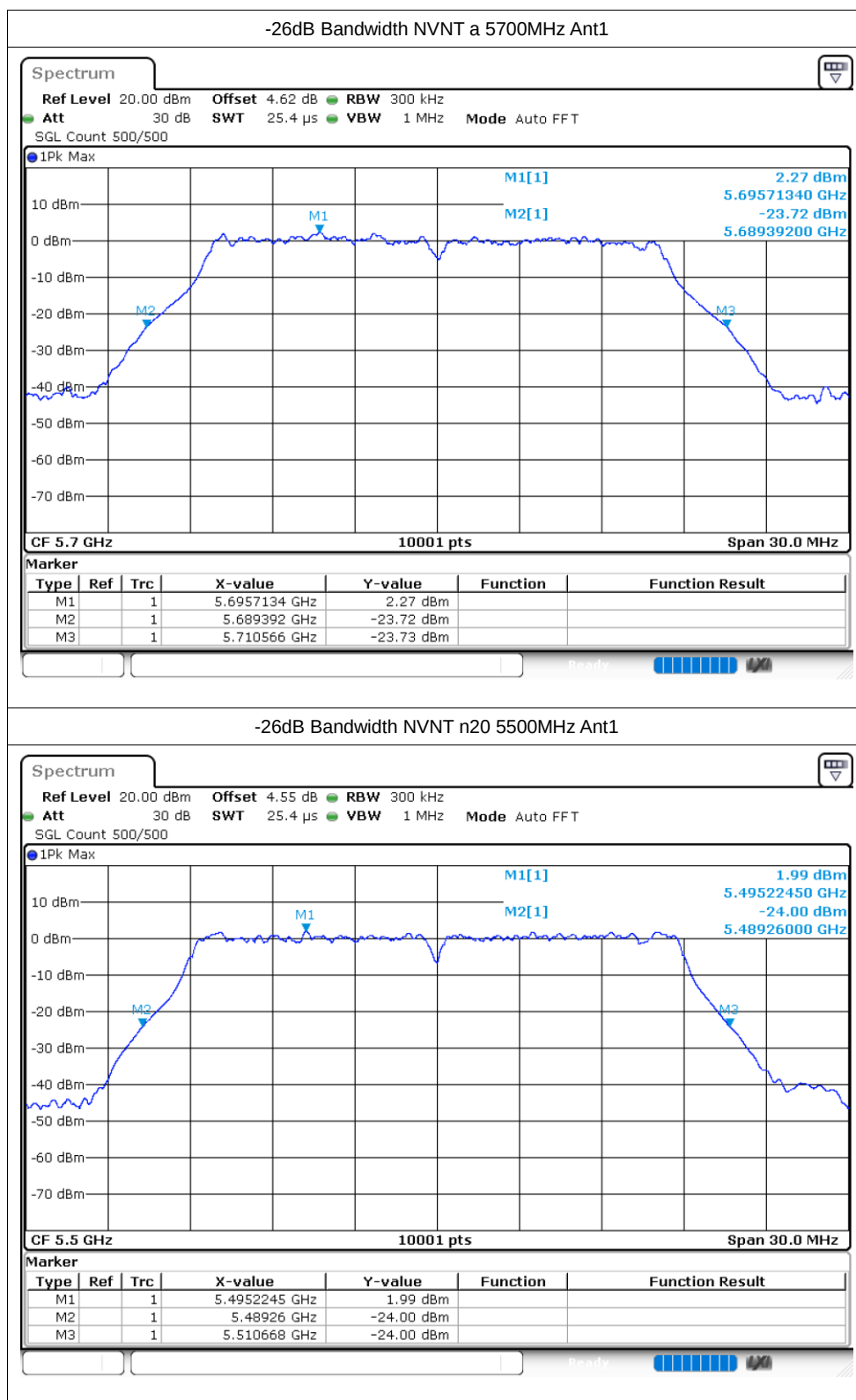
Test Graphs

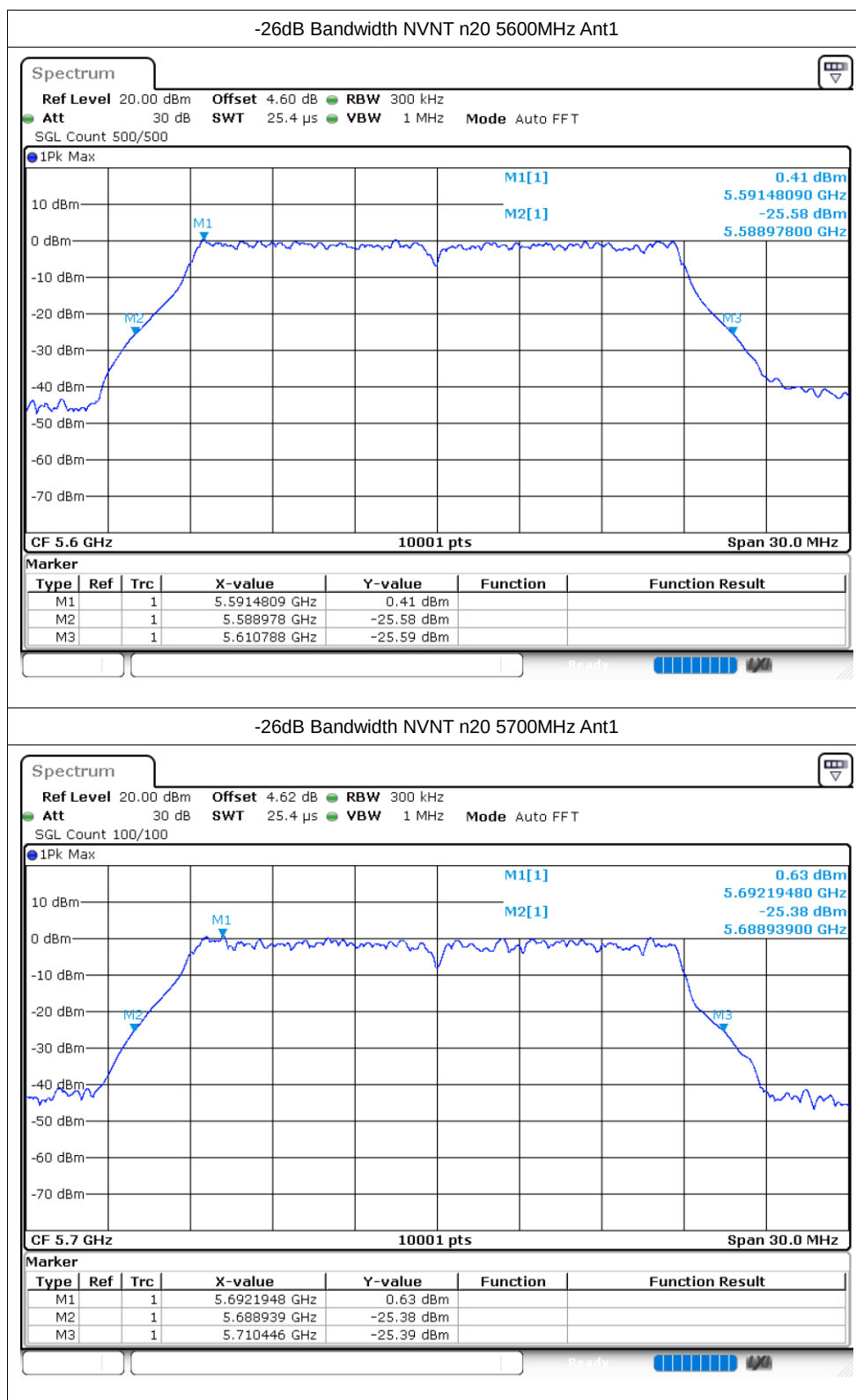
-26dB Bandwidth NVNT a 5500MHz Ant1

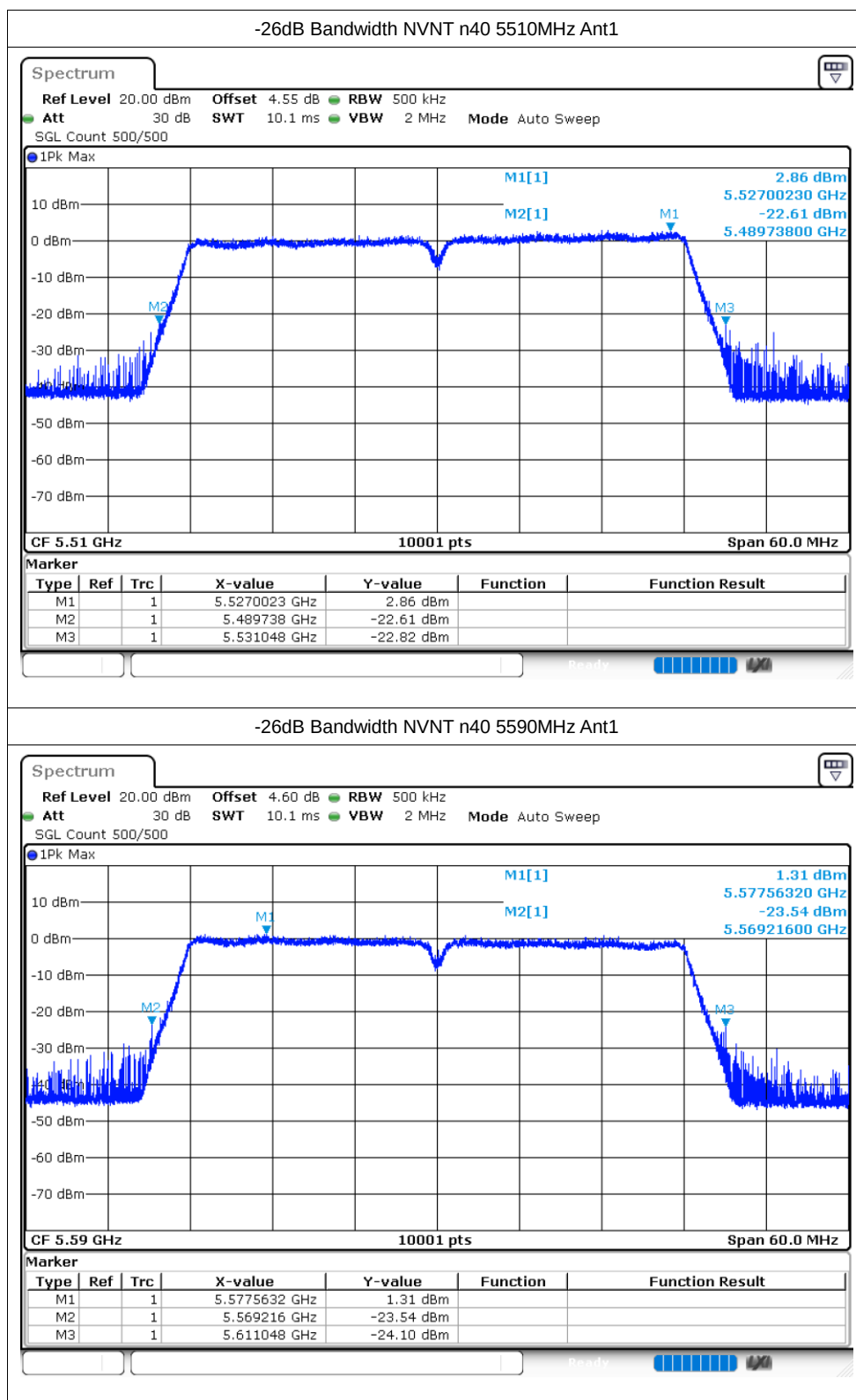


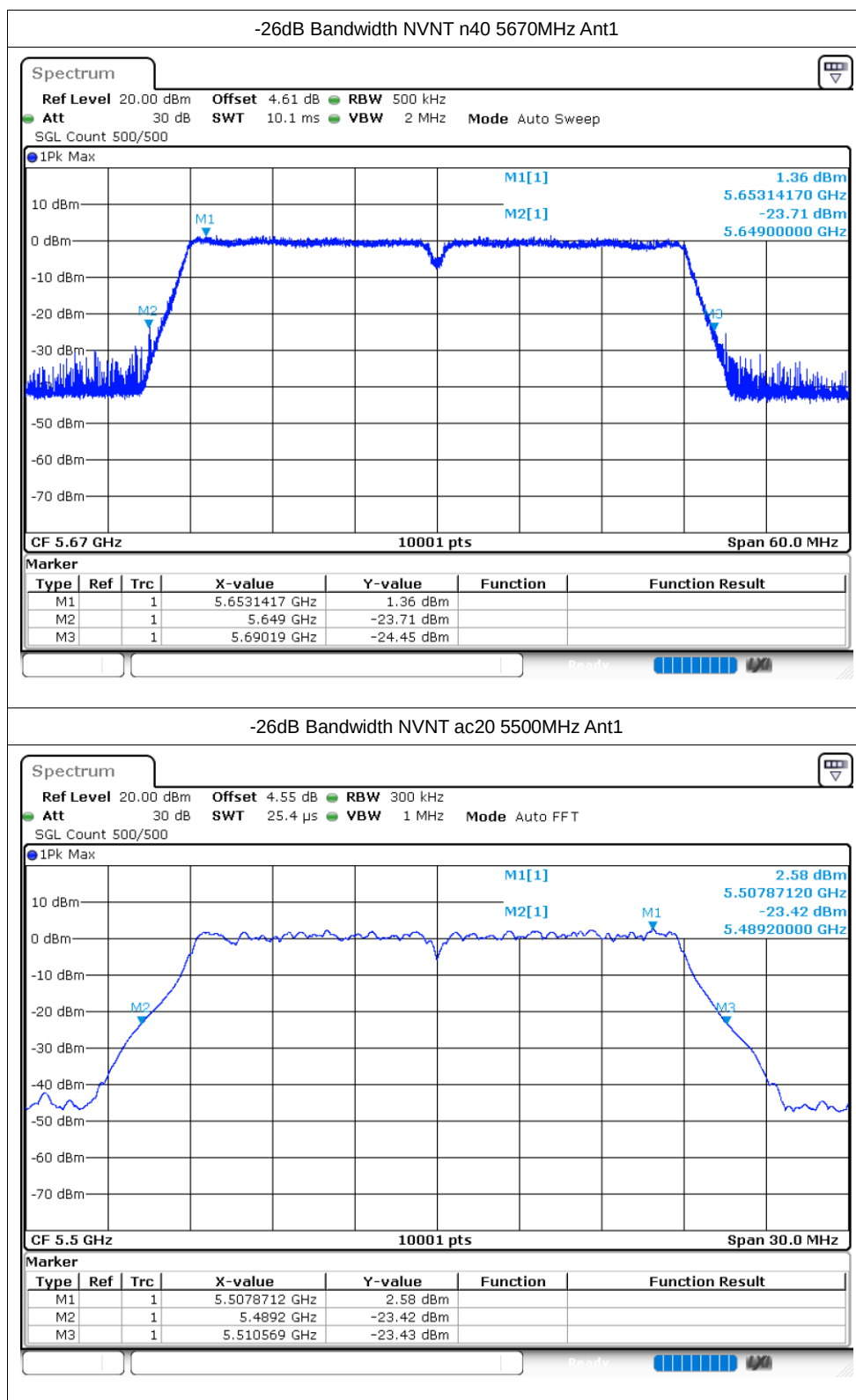
-26dB Bandwidth NVNT a 5600MHz Ant1

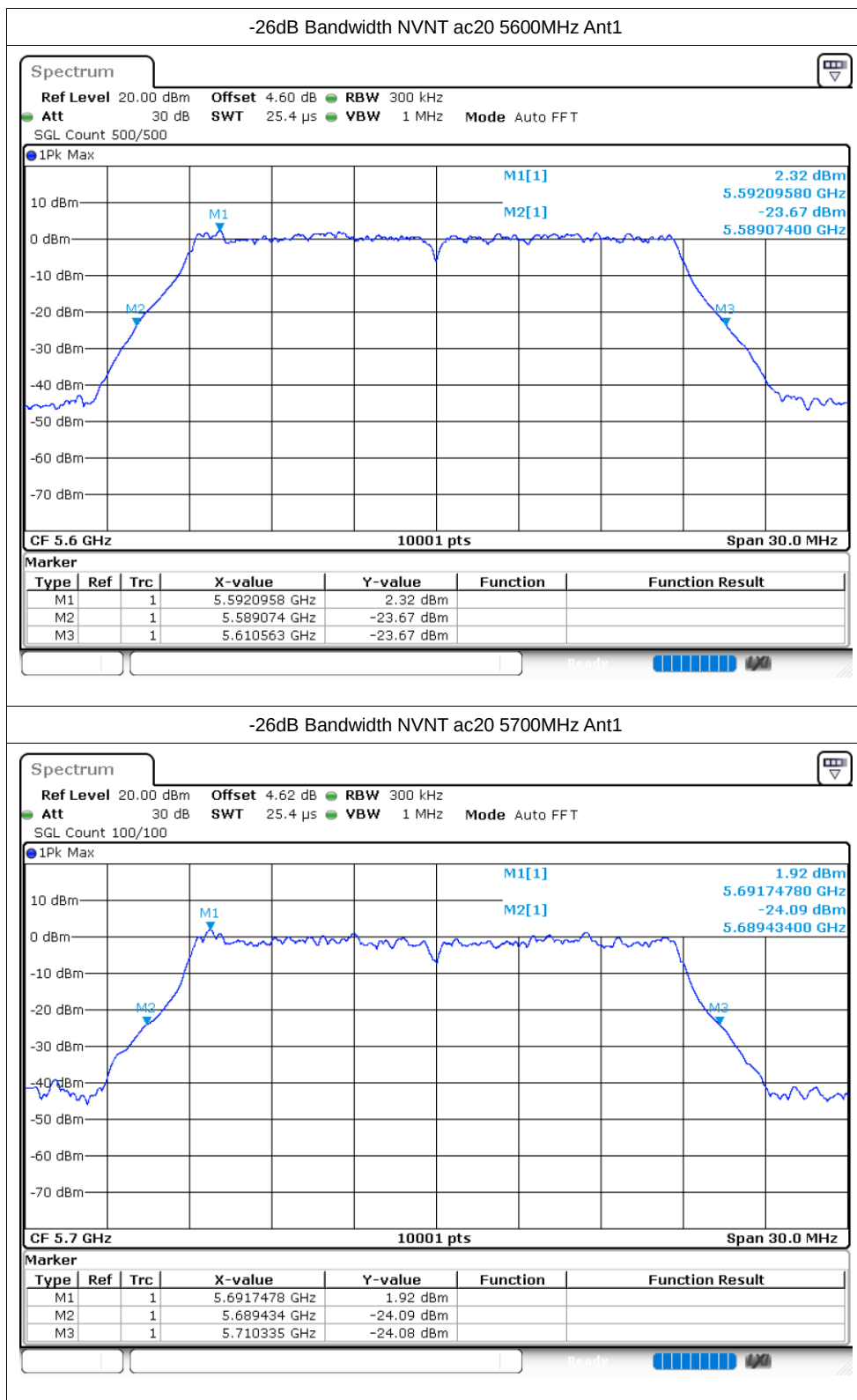


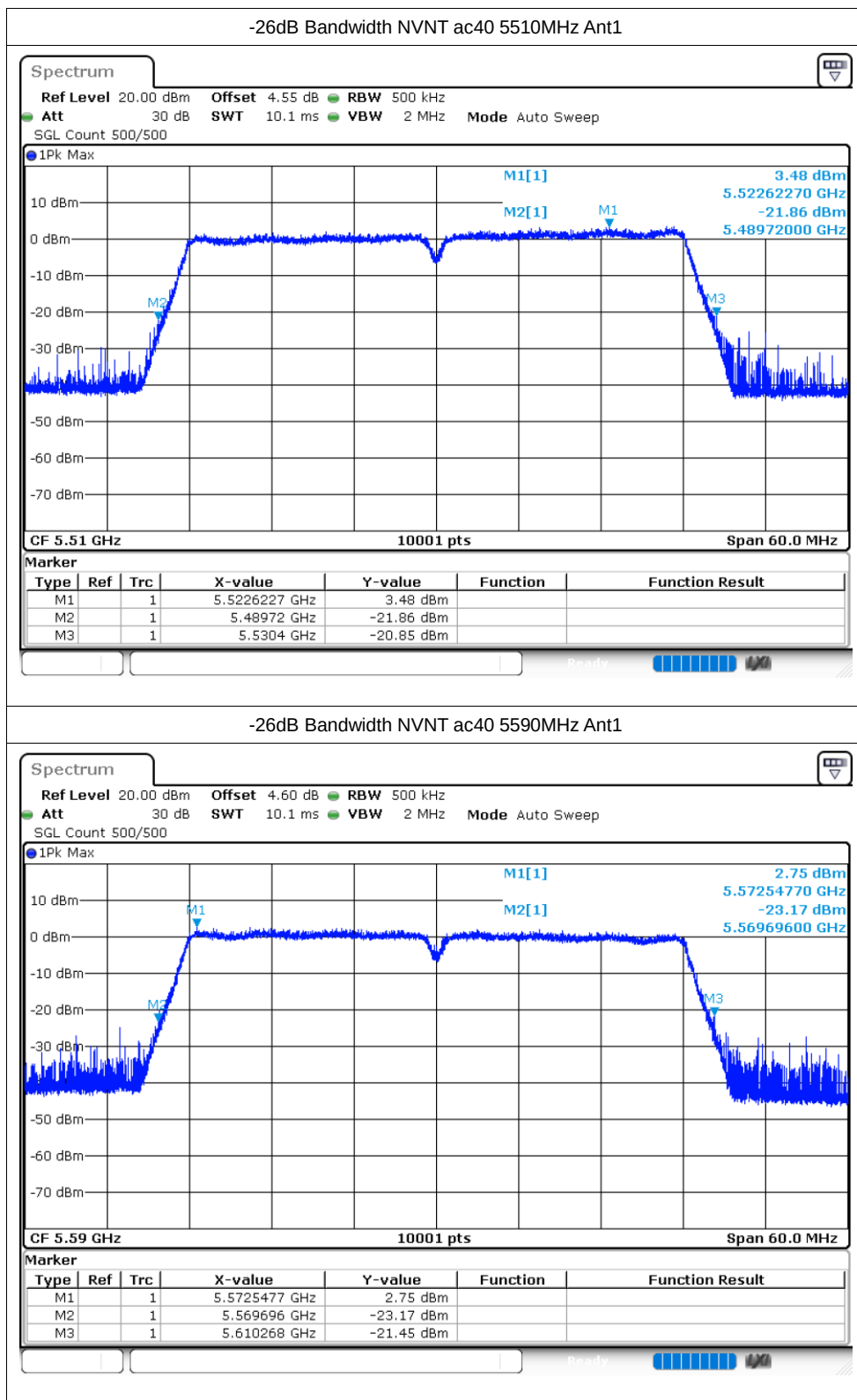


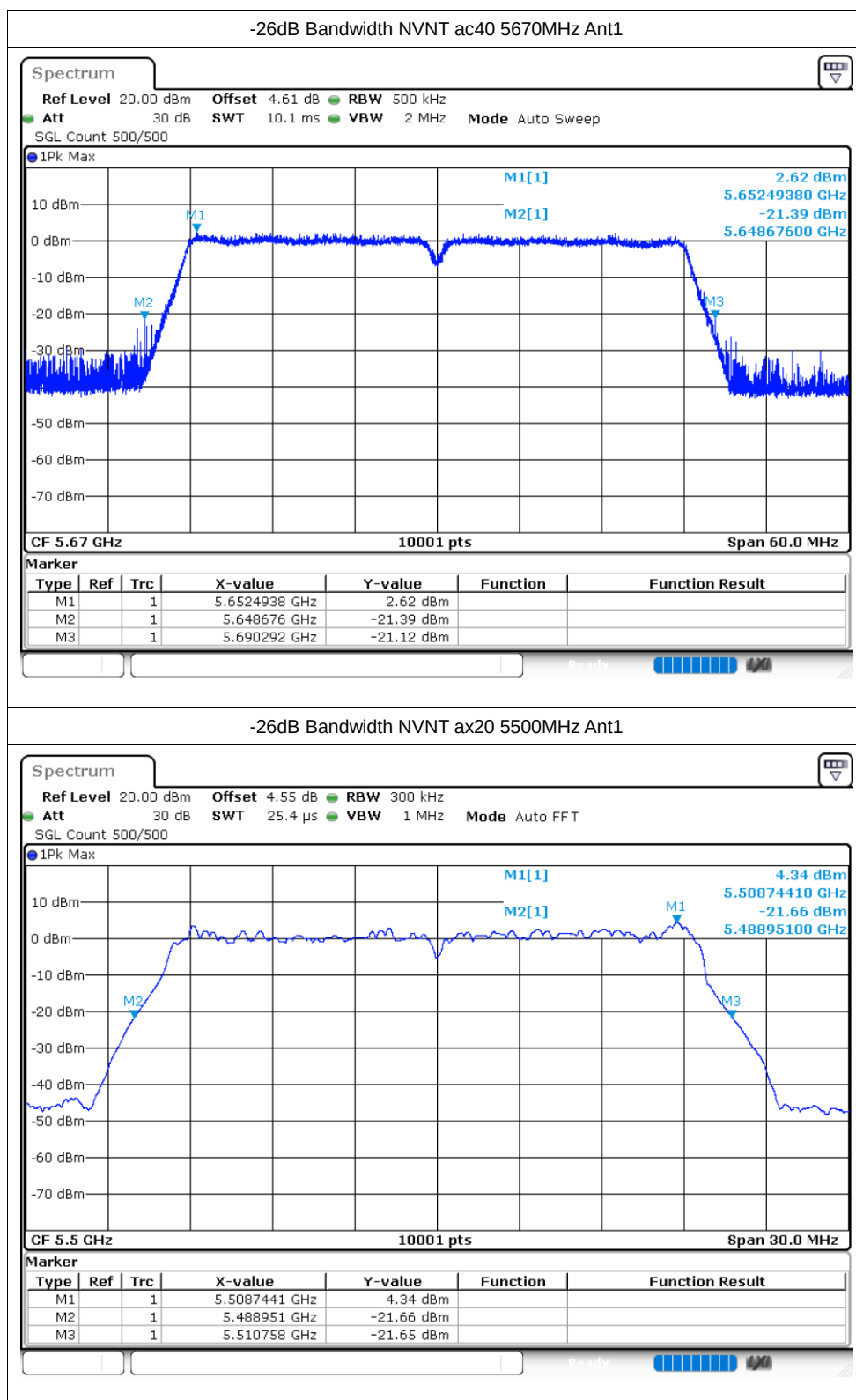


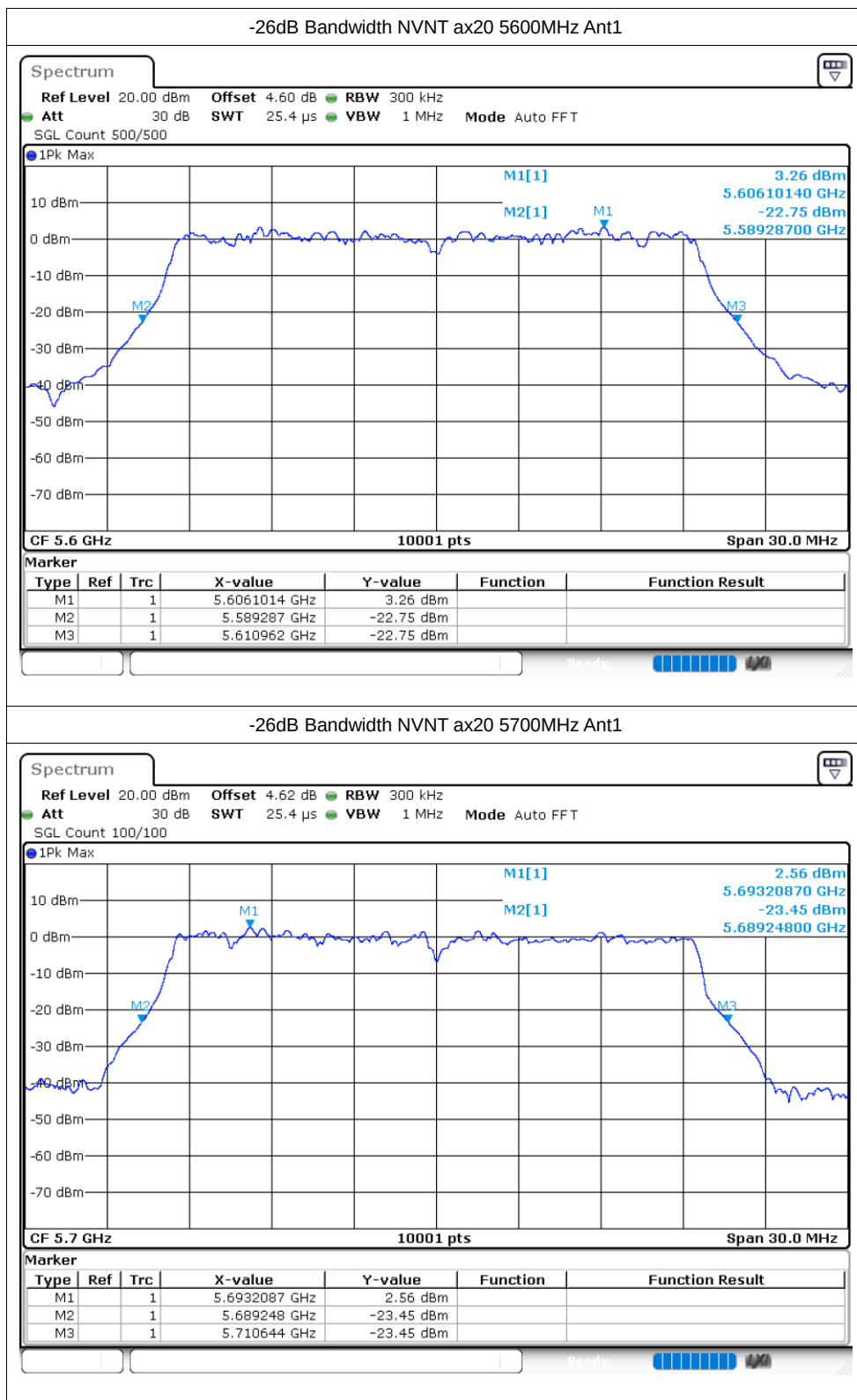


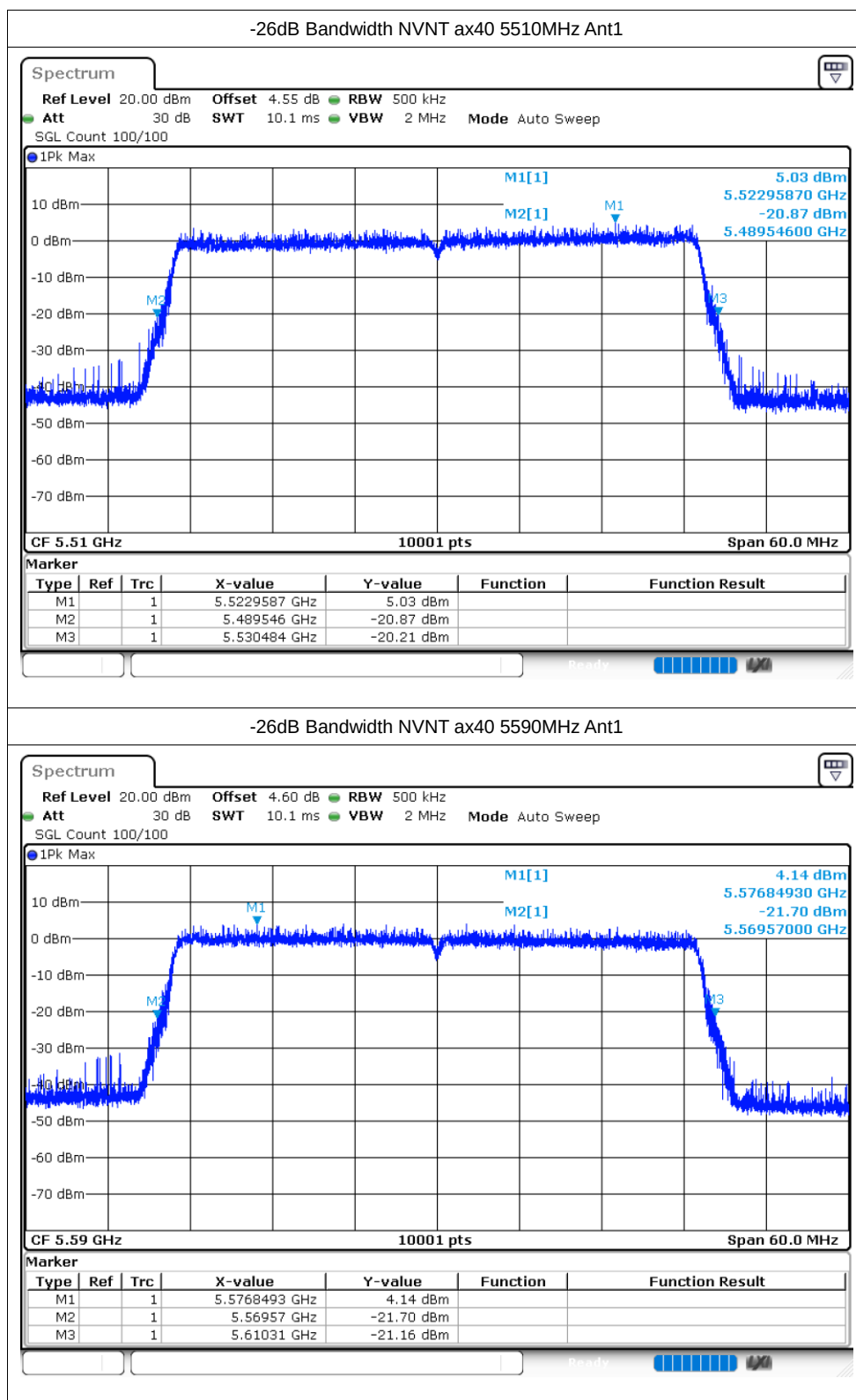


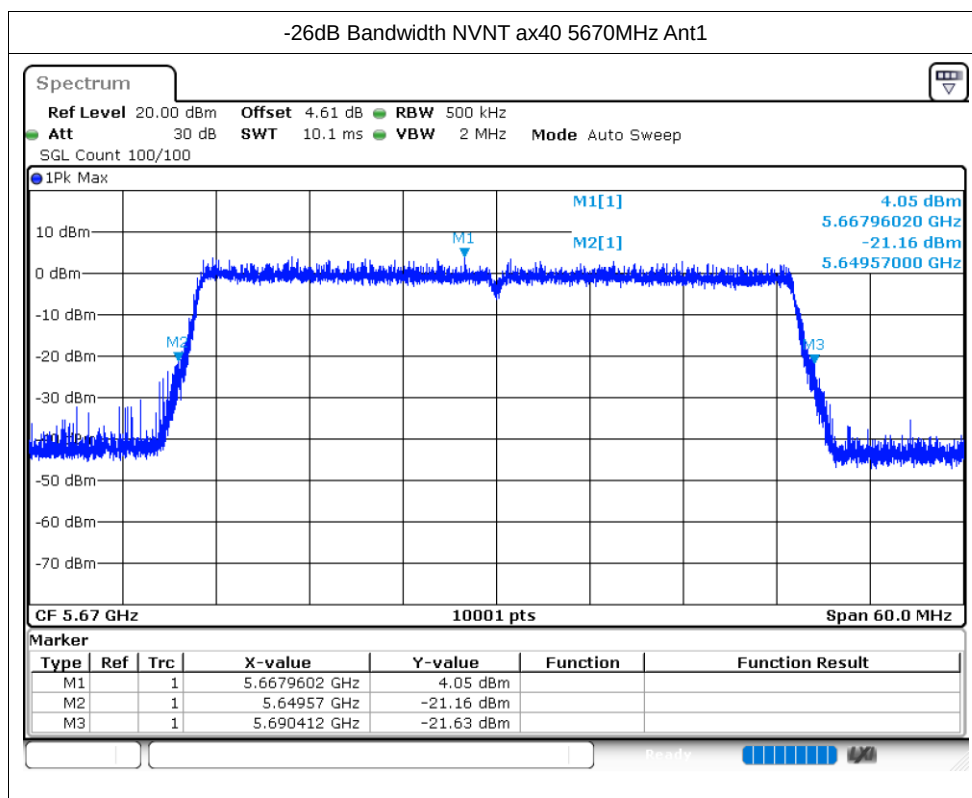










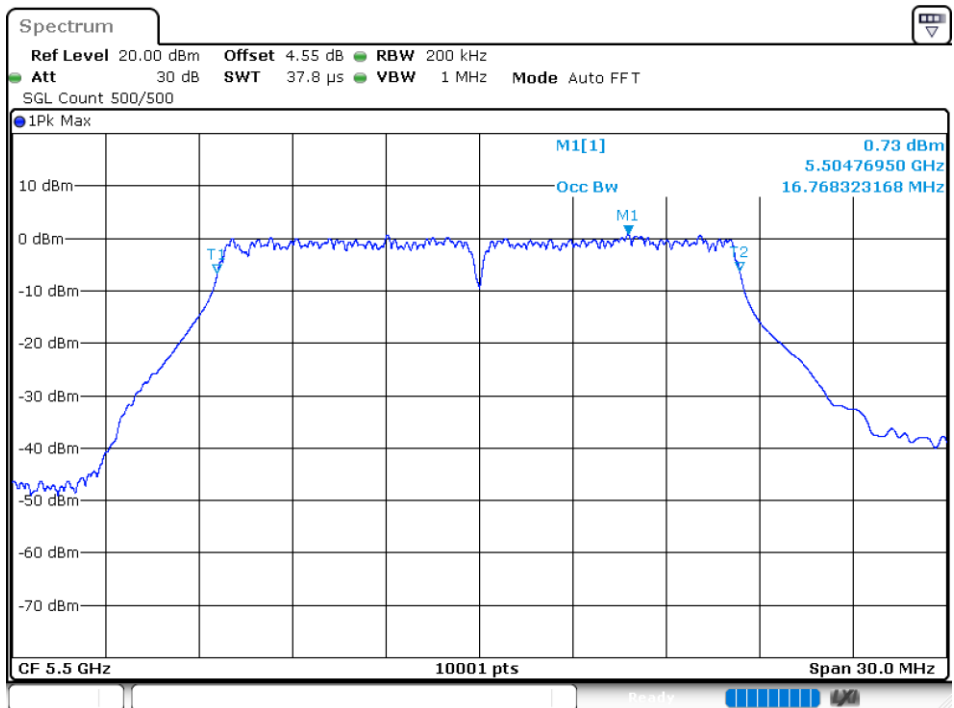


Occupied Channel Bandwidth

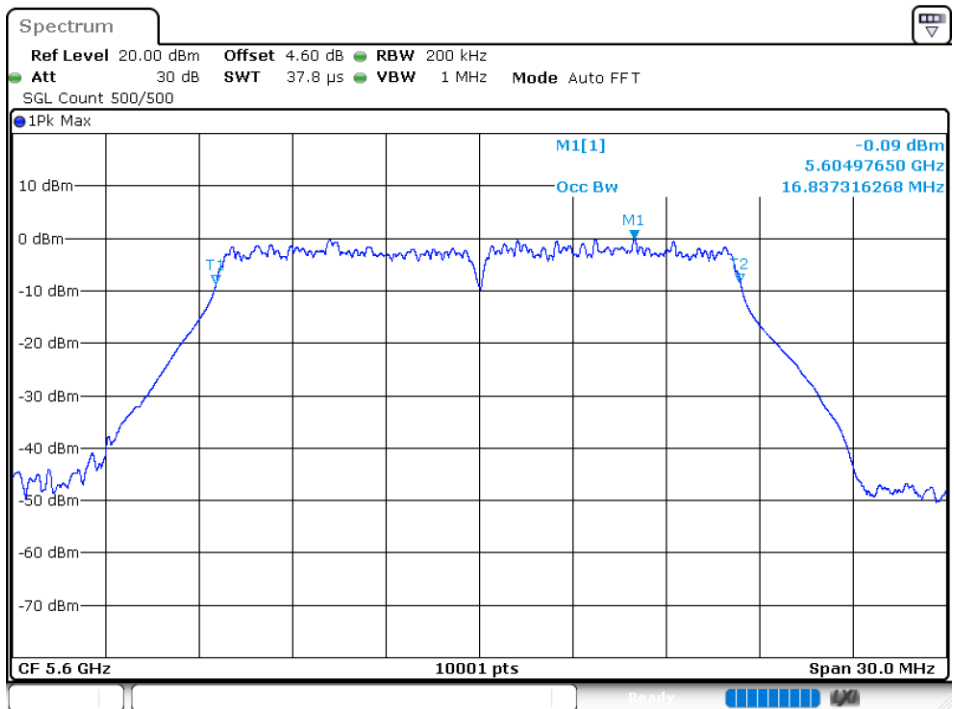
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.768
NVNT	a	5600	Ant1	16.837
NVNT	a	5700	Ant1	16.807
NVNT	n20	5500	Ant1	17.884
NVNT	n20	5600	Ant1	17.911
NVNT	n20	5700	Ant1	17.929
NVNT	n40	5510	Ant1	36.494
NVNT	n40	5590	Ant1	36.482
NVNT	n40	5670	Ant1	36.482
NVNT	ac20	5500	Ant1	17.995
NVNT	ac20	5600	Ant1	17.968
NVNT	ac20	5700	Ant1	17.818
NVNT	ac40	5510	Ant1	36.512
NVNT	ac40	5590	Ant1	36.434
NVNT	ac40	5670	Ant1	36.47
NVNT	ax20	5500	Ant1	19.123
NVNT	ax20	5600	Ant1	19.084
NVNT	ax20	5700	Ant1	19
NVNT	ax40	5510	Ant1	37.904
NVNT	ax40	5590	Ant1	37.796
NVNT	ax40	5670	Ant1	37.862

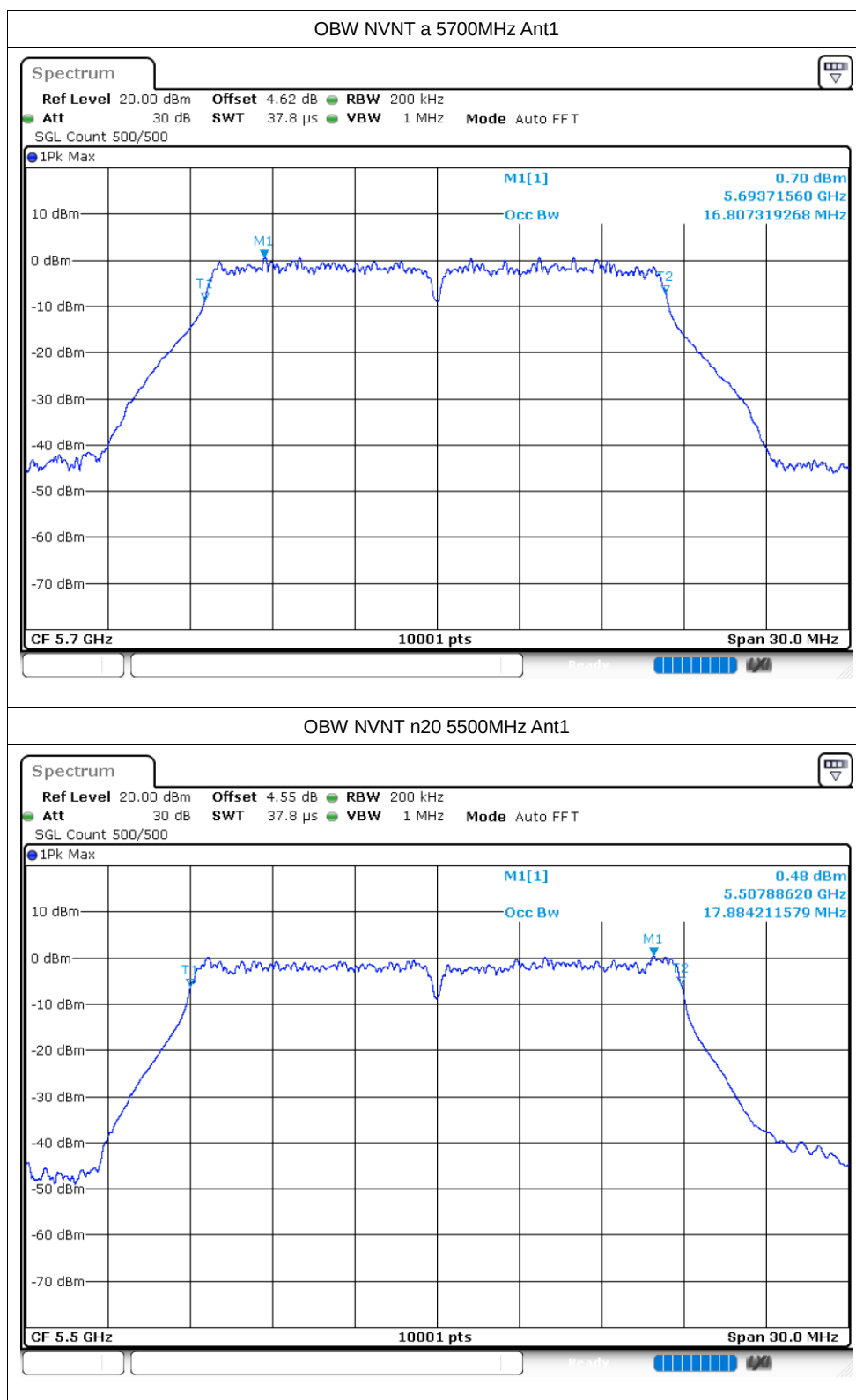
Test Graphs

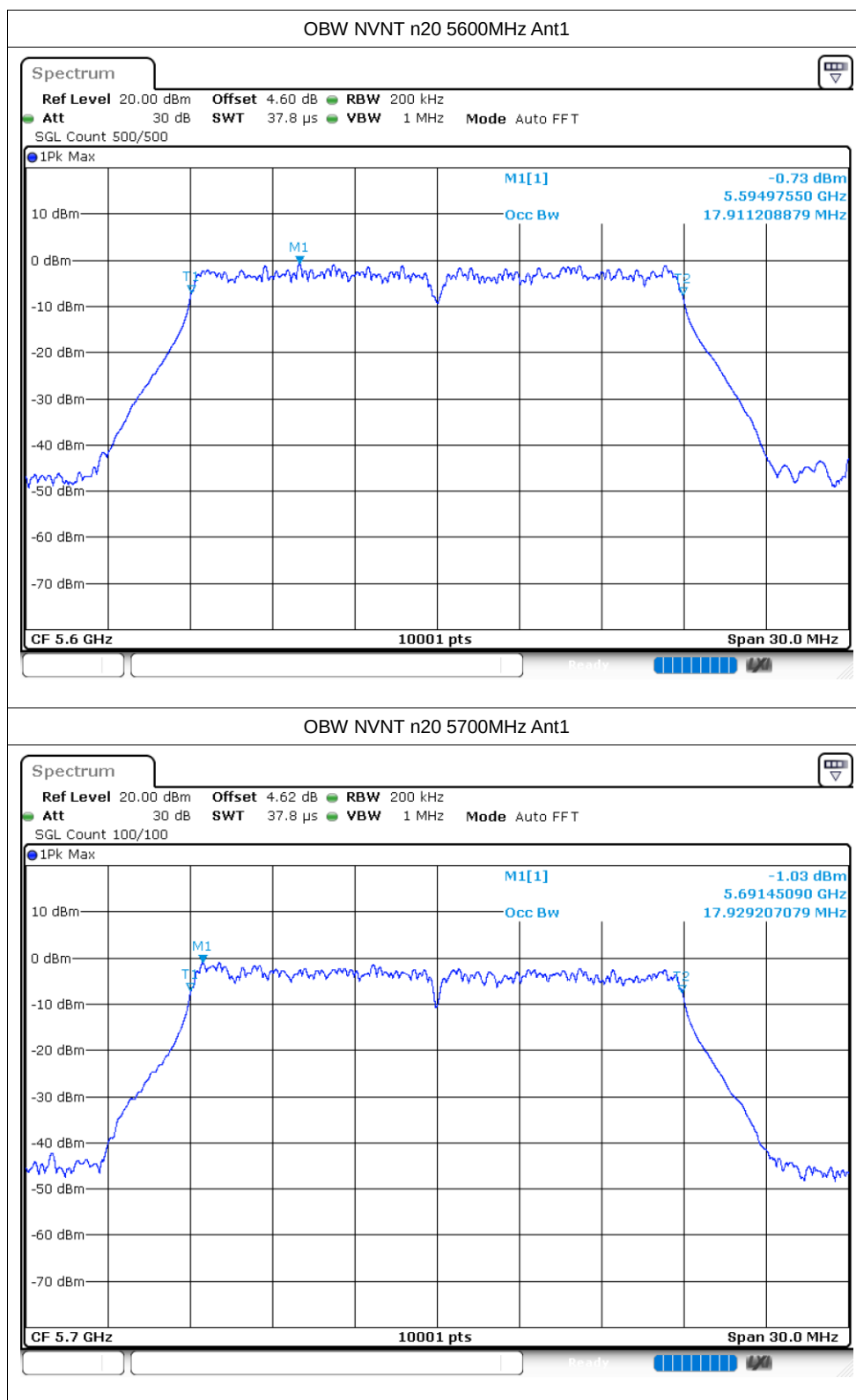
OBW NVNT a 5500MHz Ant1

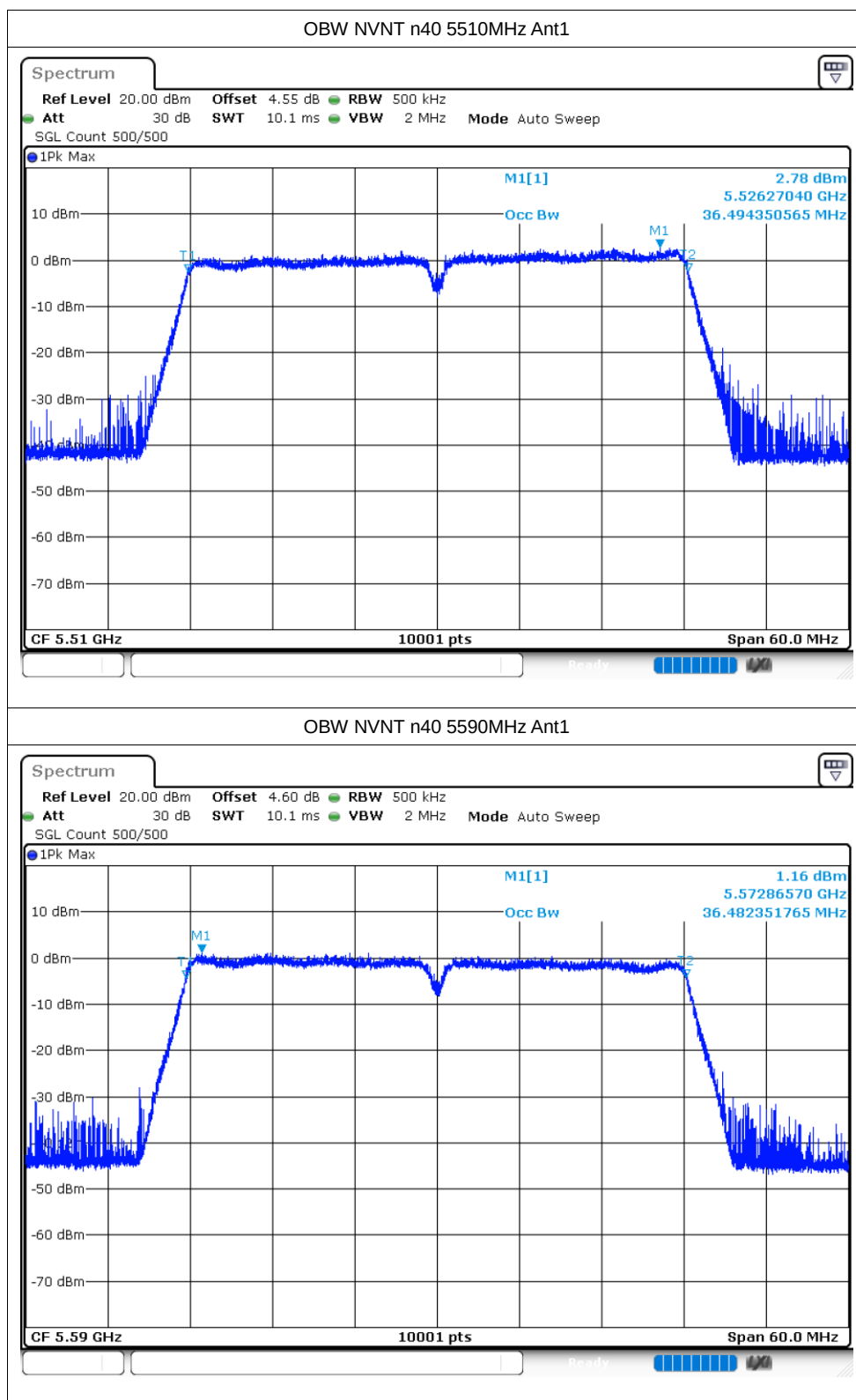


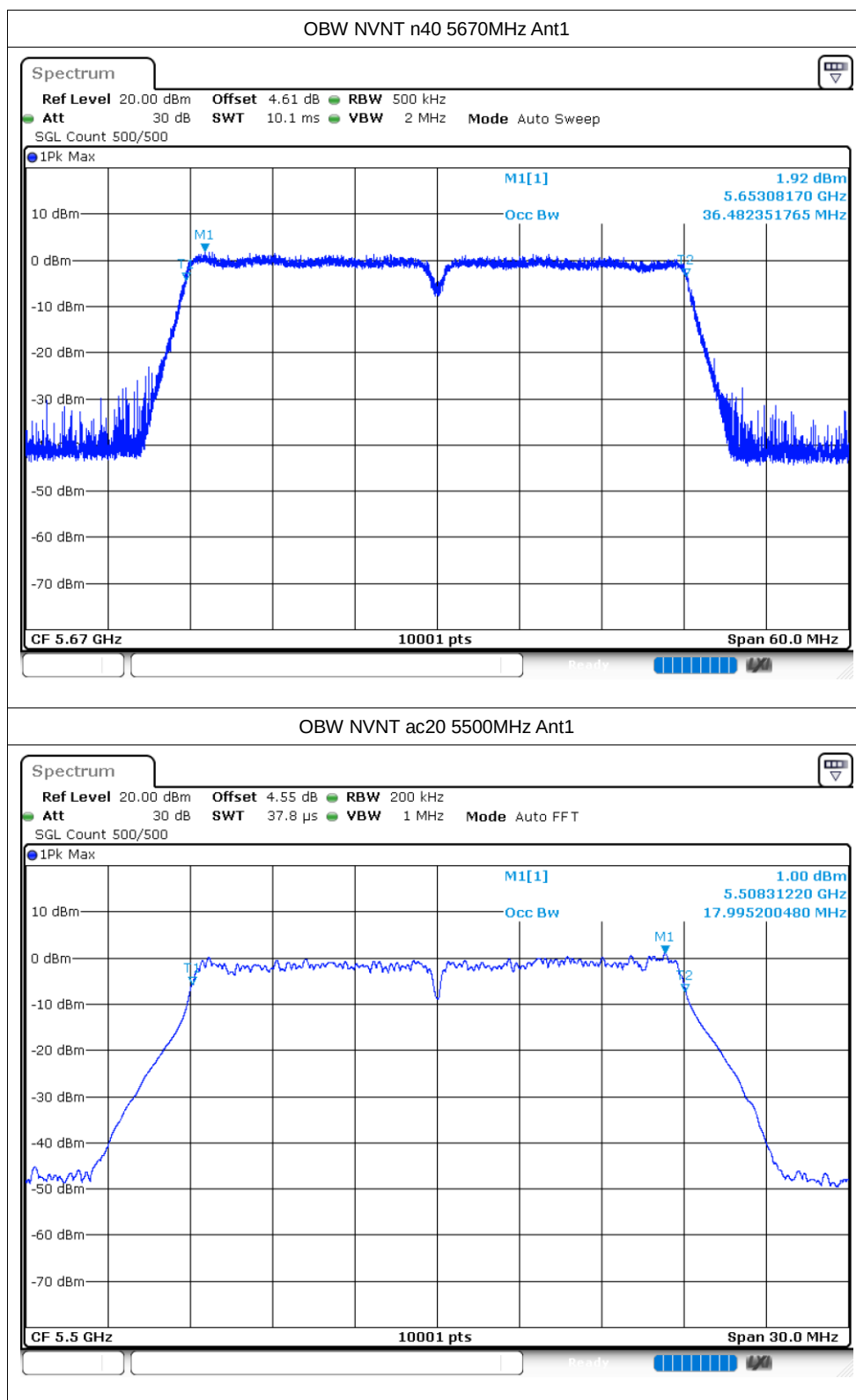
OBW NVNT a 5600MHz Ant1

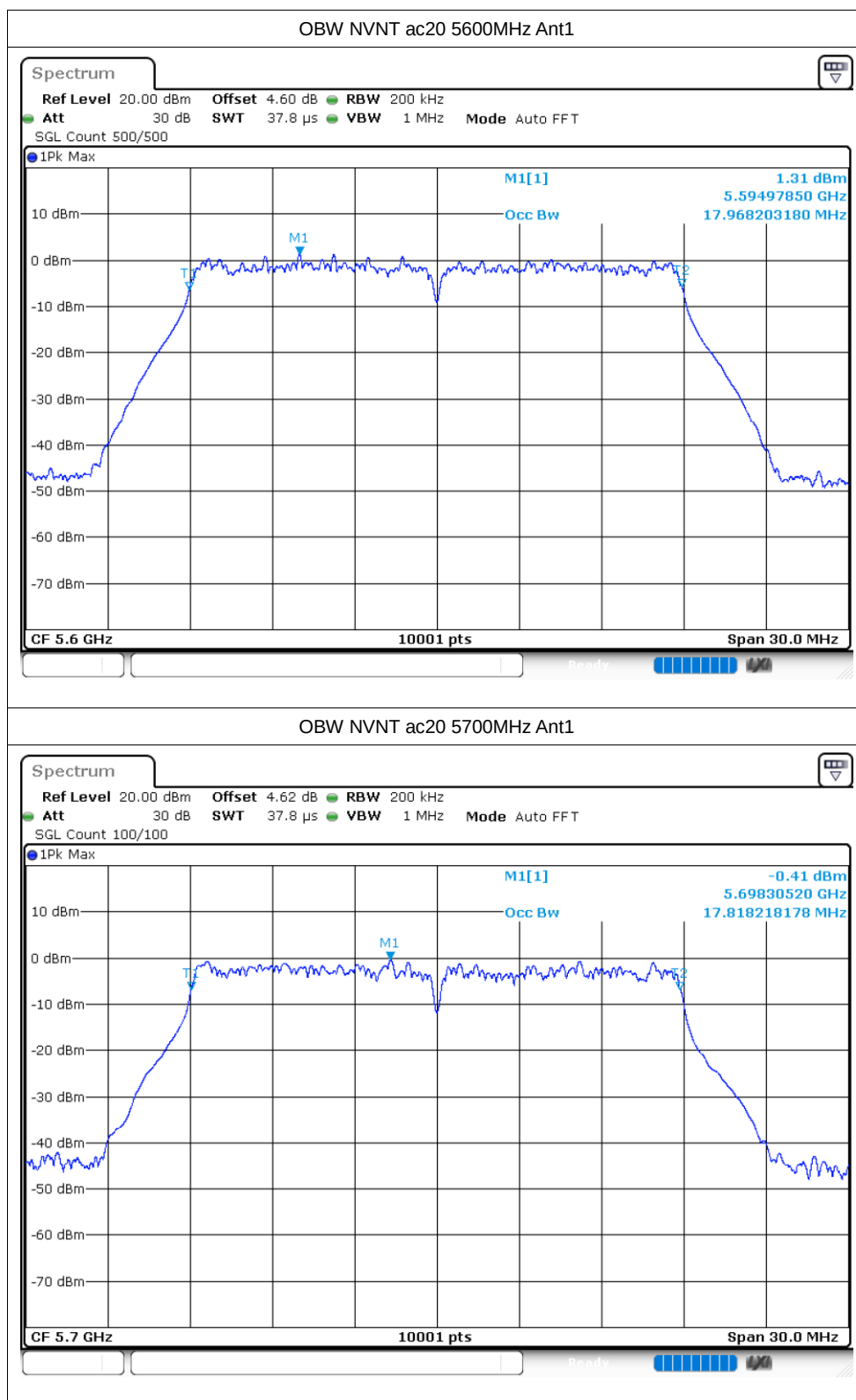


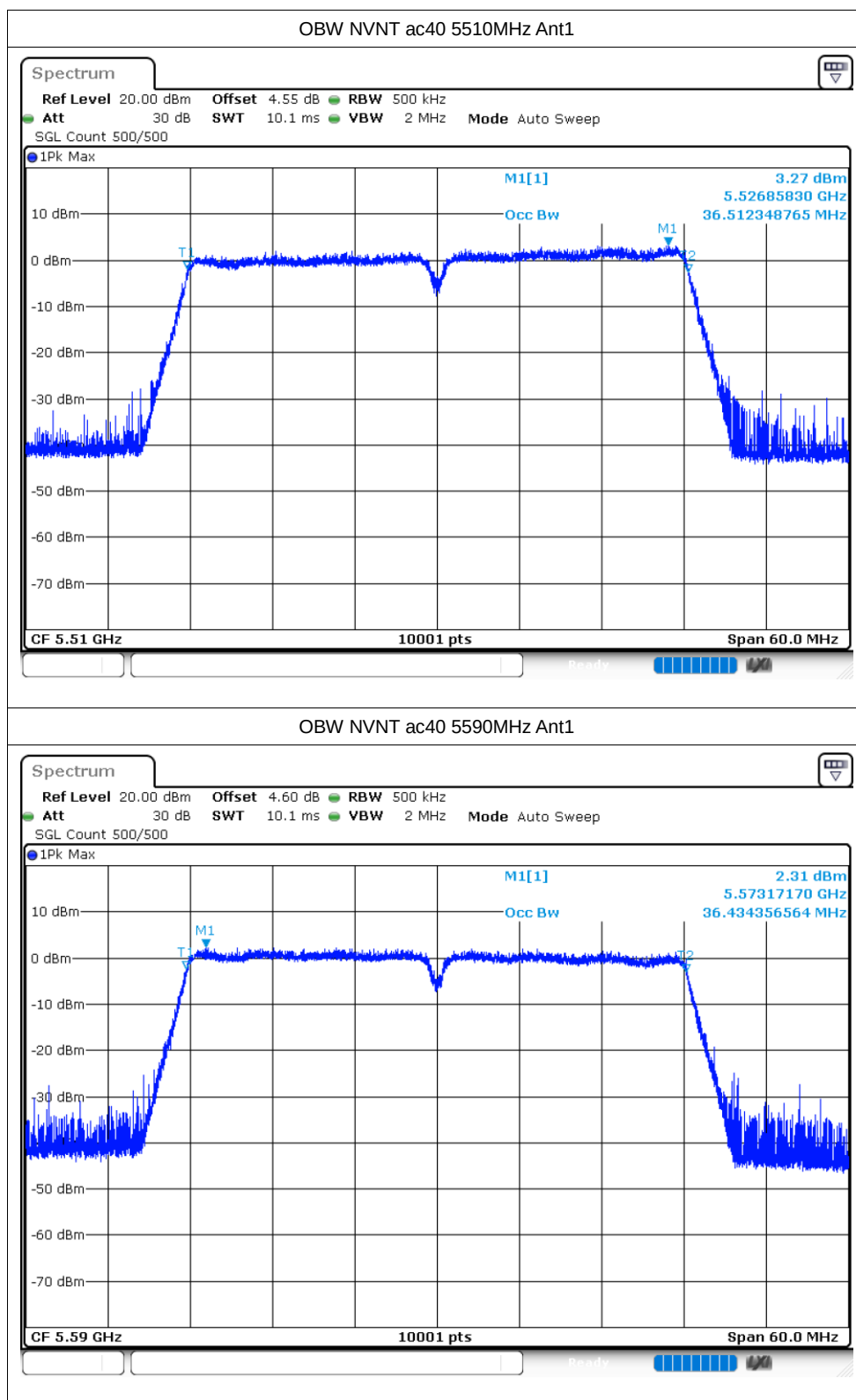


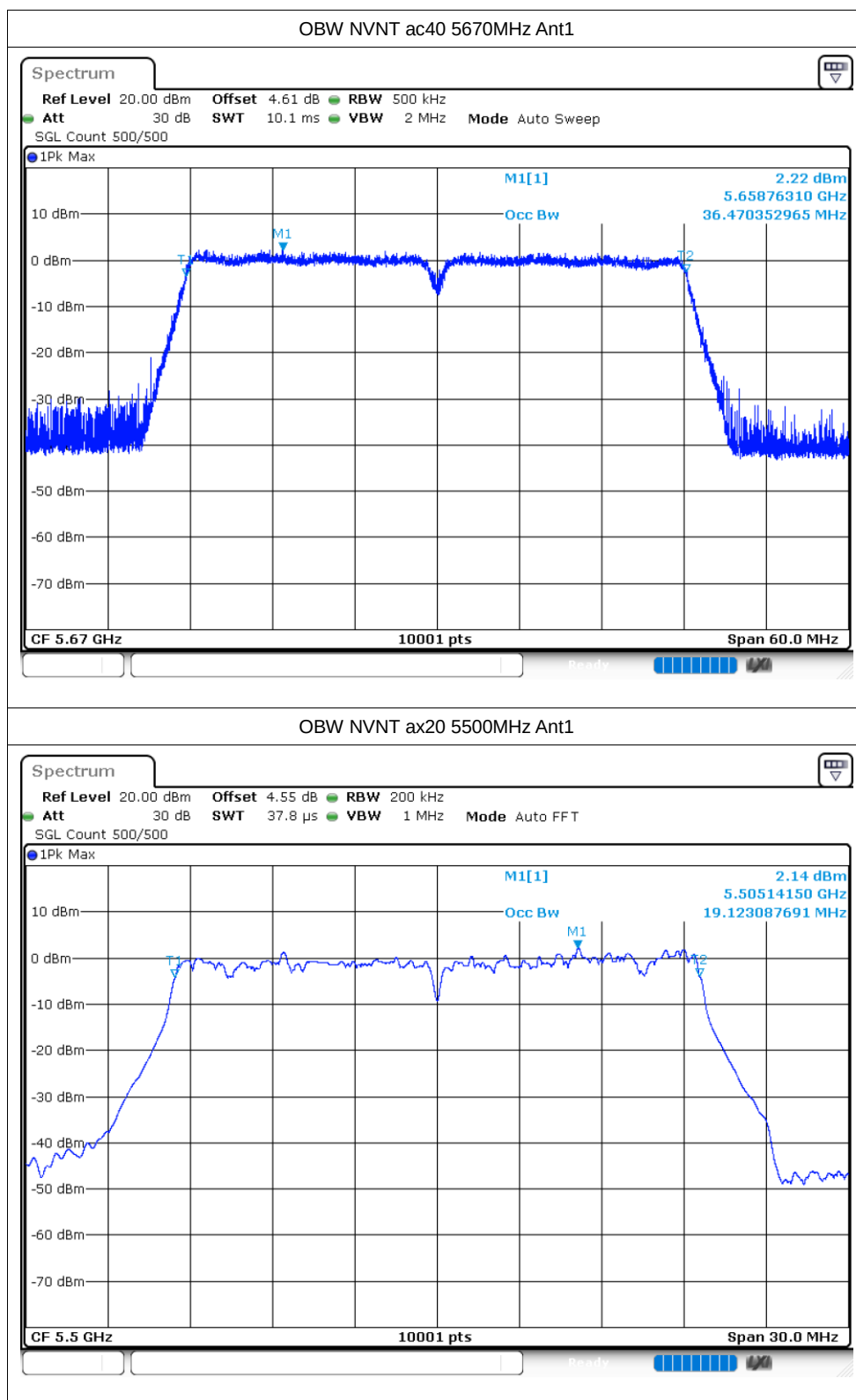


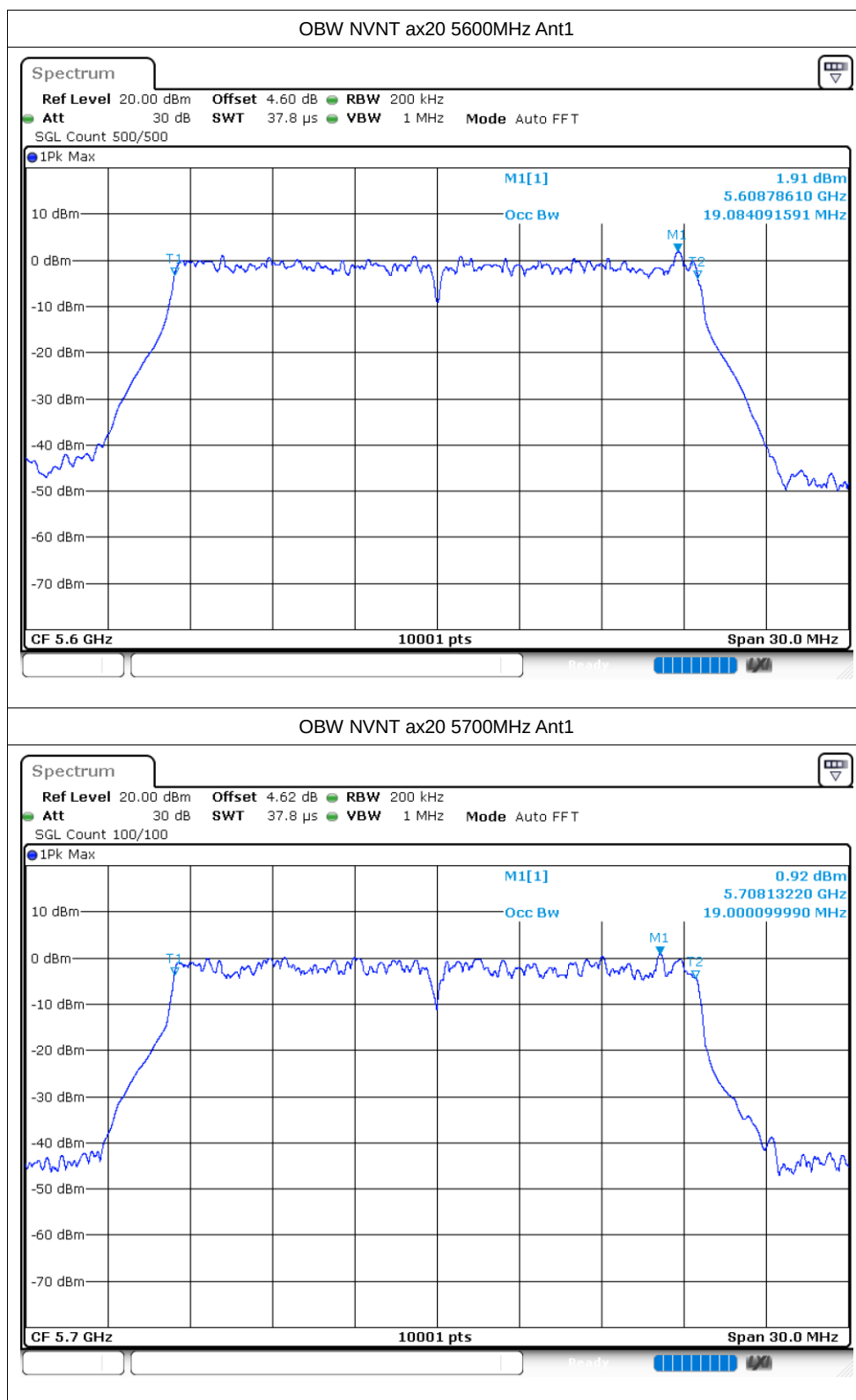


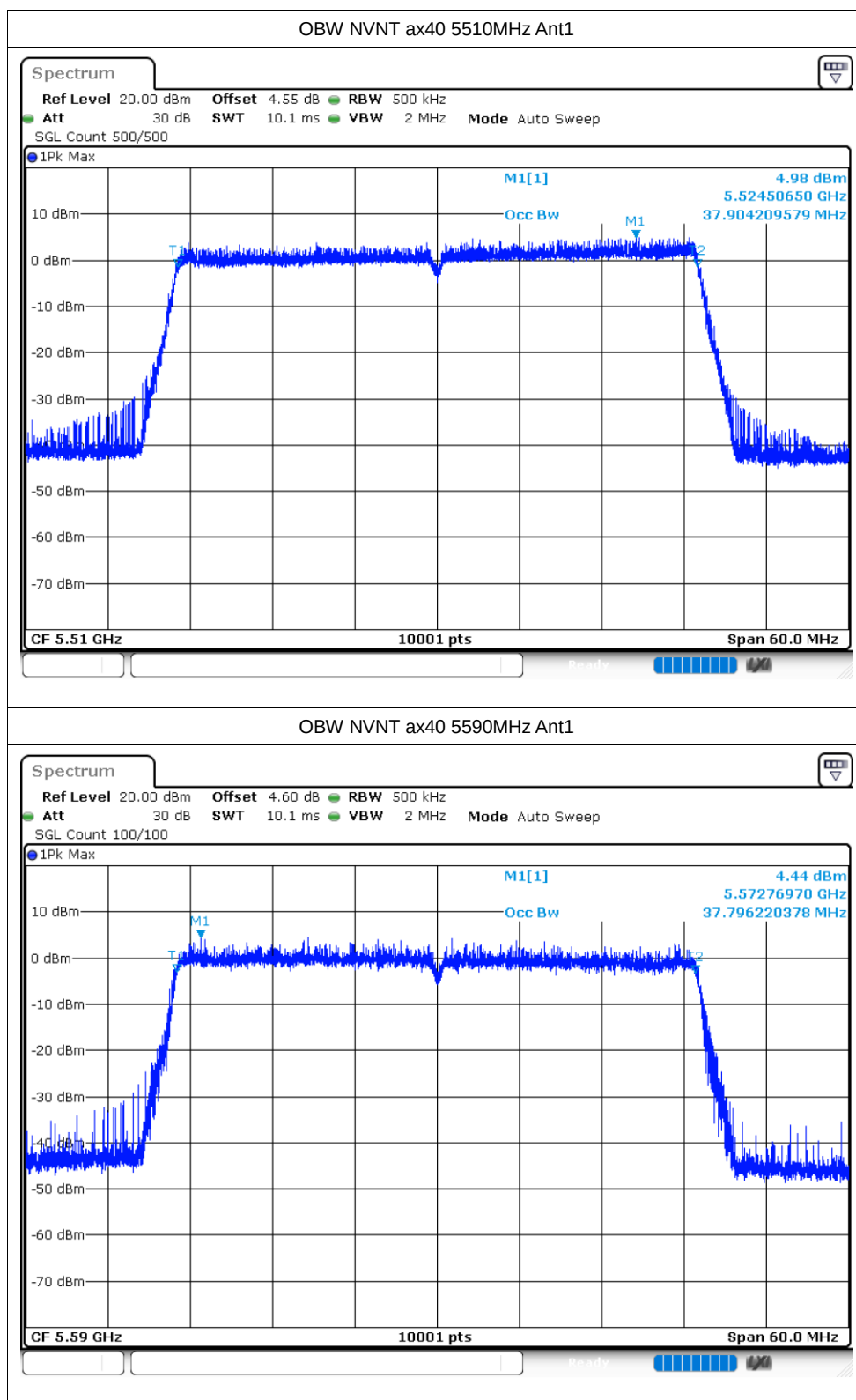


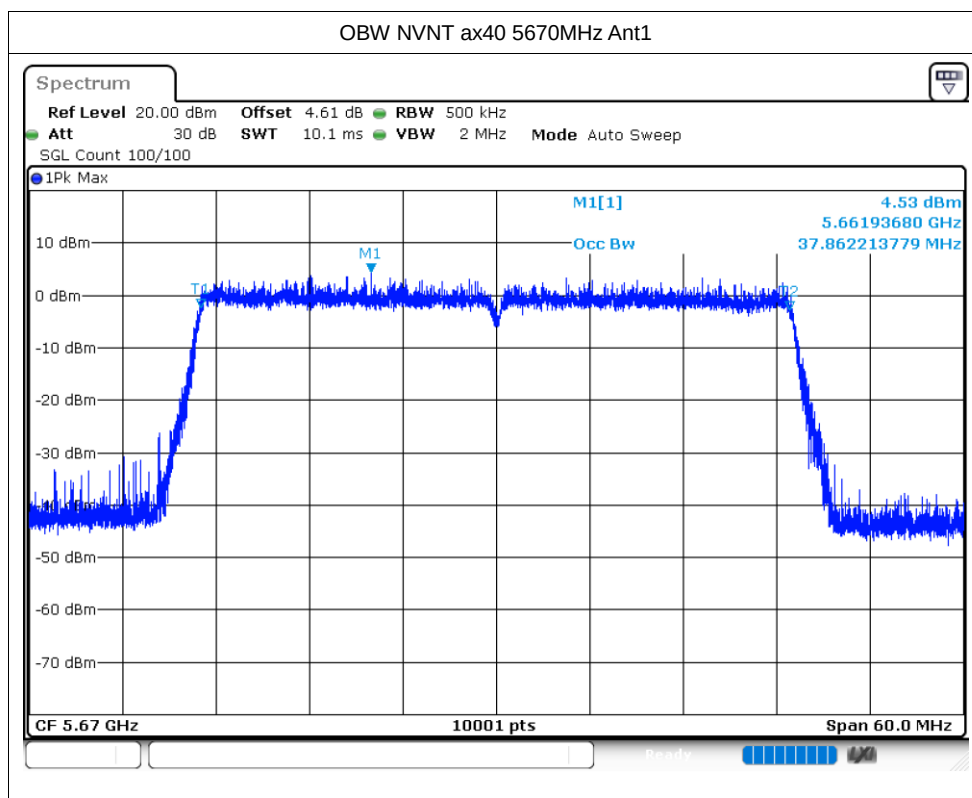










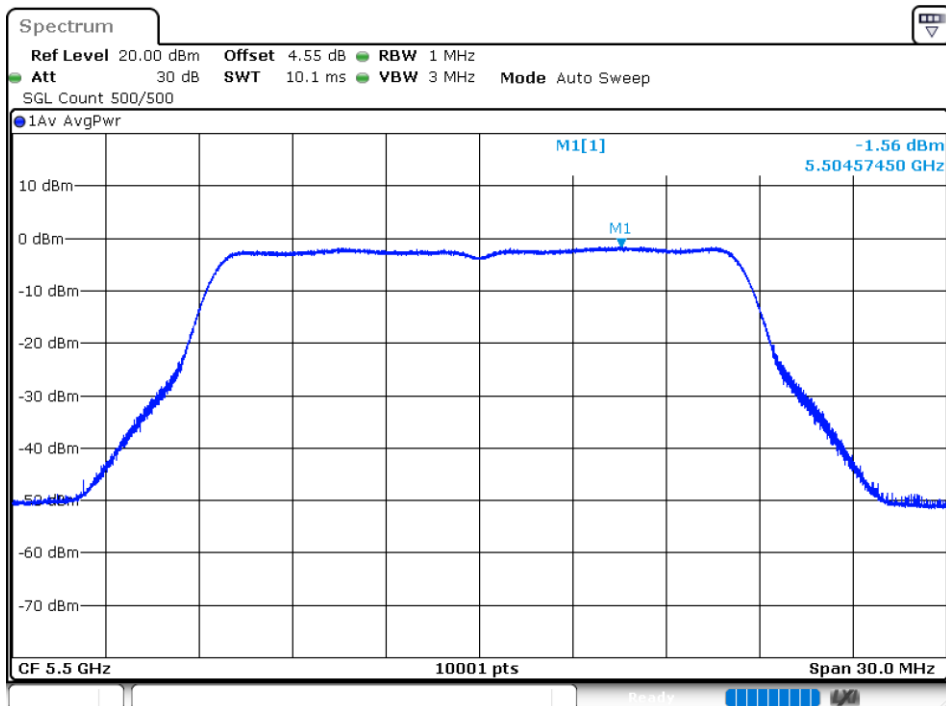


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-1.56	0.08	-1.48	11	Pass
NVNT	a	5600	Ant1	-2.13	0.06	-2.07	11	Pass
NVNT	a	5700	Ant1	-2.47	0.06	-2.41	11	Pass
NVNT	n20	5500	Ant1	-2.01	0.08	-1.93	11	Pass
NVNT	n20	5600	Ant1	-2.14	0.09	-2.05	11	Pass
NVNT	n20	5700	Ant1	-2.51	0.09	-2.42	11	Pass
NVNT	n40	5510	Ant1	-4.77	0.08	-4.69	11	Pass
NVNT	n40	5590	Ant1	-5.29	0.08	-5.21	11	Pass
NVNT	n40	5670	Ant1	-6.05	0.09	-5.96	11	Pass
NVNT	ac20	5500	Ant1	-1.83	0.06	-1.77	11	Pass
NVNT	ac20	5600	Ant1	-2.25	0.06	-2.19	11	Pass
NVNT	ac20	5700	Ant1	-1.8	0.06	-1.74	11	Pass
NVNT	ac40	5510	Ant1	-4.39	0.08	-4.31	11	Pass
NVNT	ac40	5590	Ant1	-5.46	0.08	-5.38	11	Pass
NVNT	ac40	5670	Ant1	-5.6	0.08	-5.52	11	Pass
NVNT	ax20	5500	Ant1	-3.13	0.06	-3.07	11	Pass
NVNT	ax20	5600	Ant1	-4.05	0.05	-4	11	Pass
NVNT	ax20	5700	Ant1	-2.27	0.06	-2.21	11	Pass
NVNT	ax40	5510	Ant1	-5.5	0.08	-5.42	11	Pass
NVNT	ax40	5590	Ant1	-6.35	0.09	-6.26	11	Pass
NVNT	ax40	5670	Ant1	-6.17	0.08	-6.09	11	Pass

Test Graphs

PSD NVNT a 5500MHz Ant1



PSD NVNT a 5600MHz Ant1

