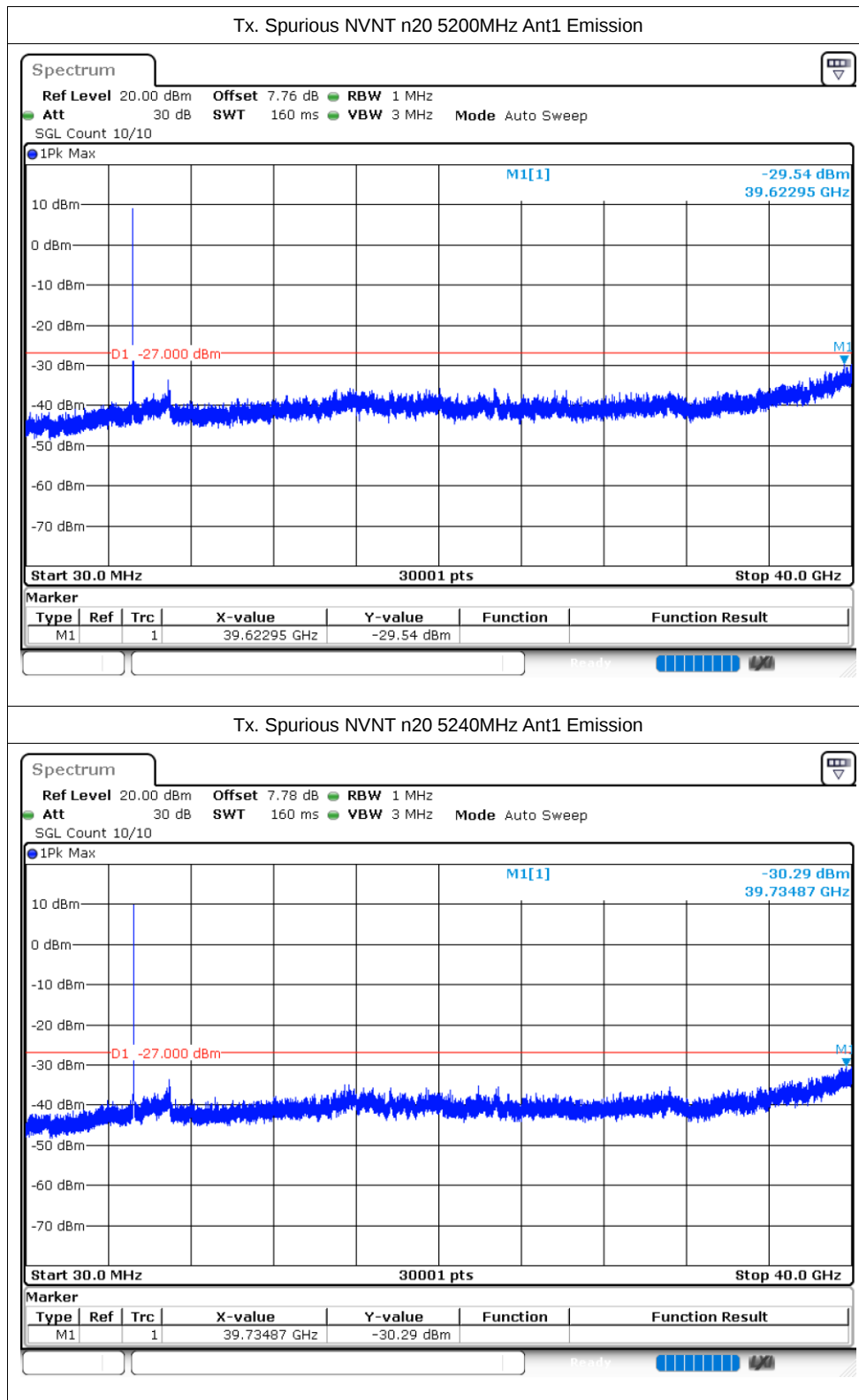
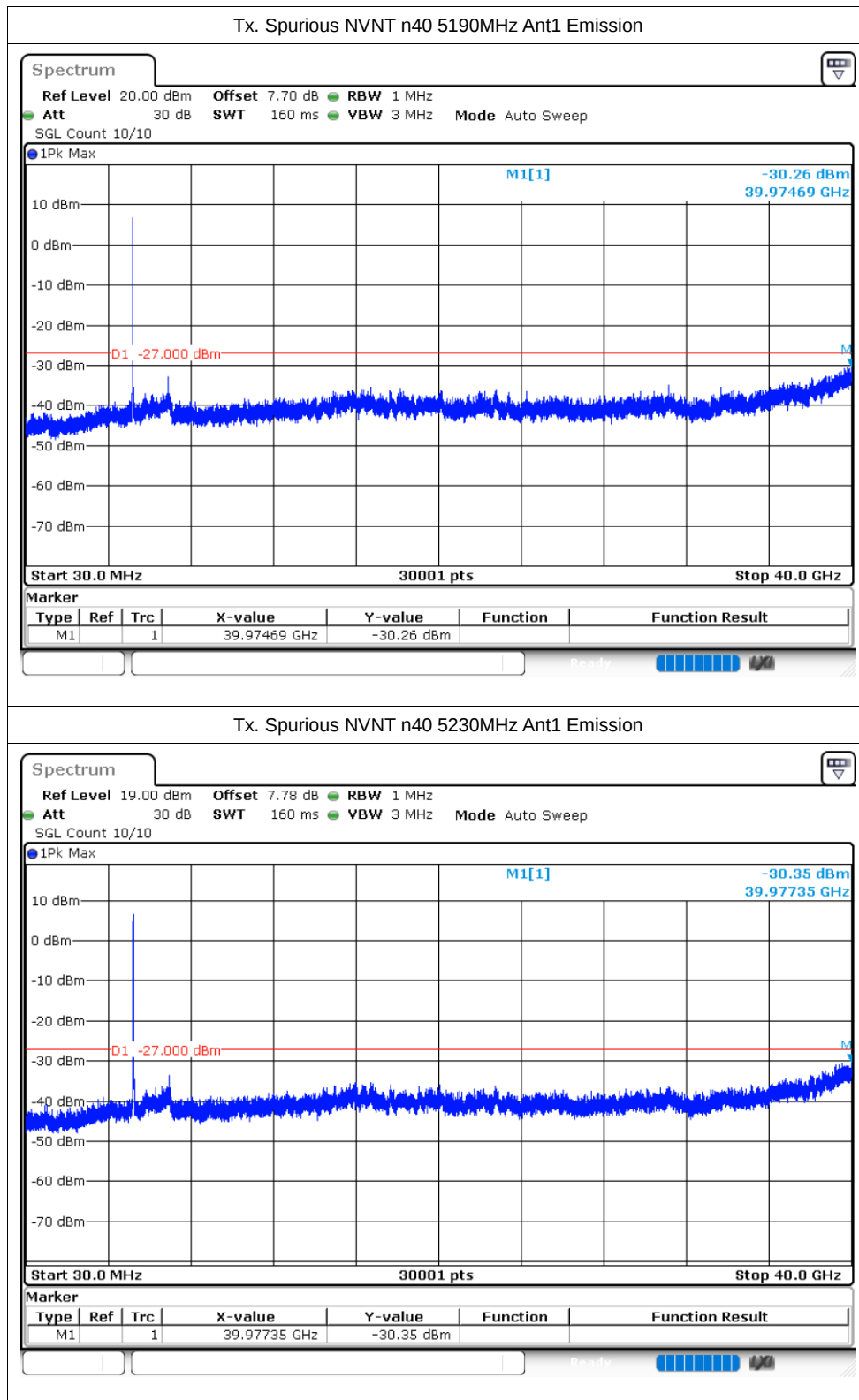
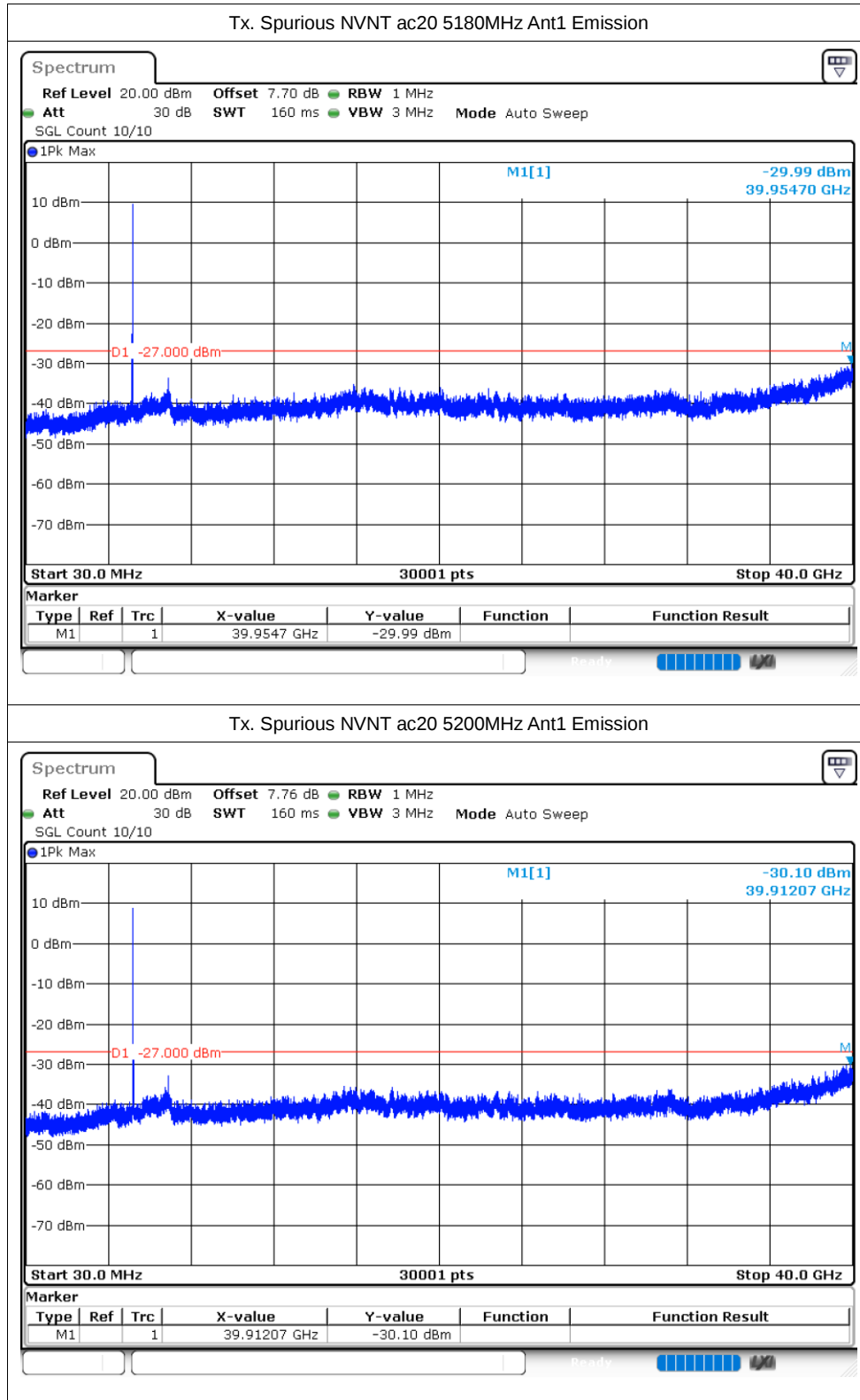
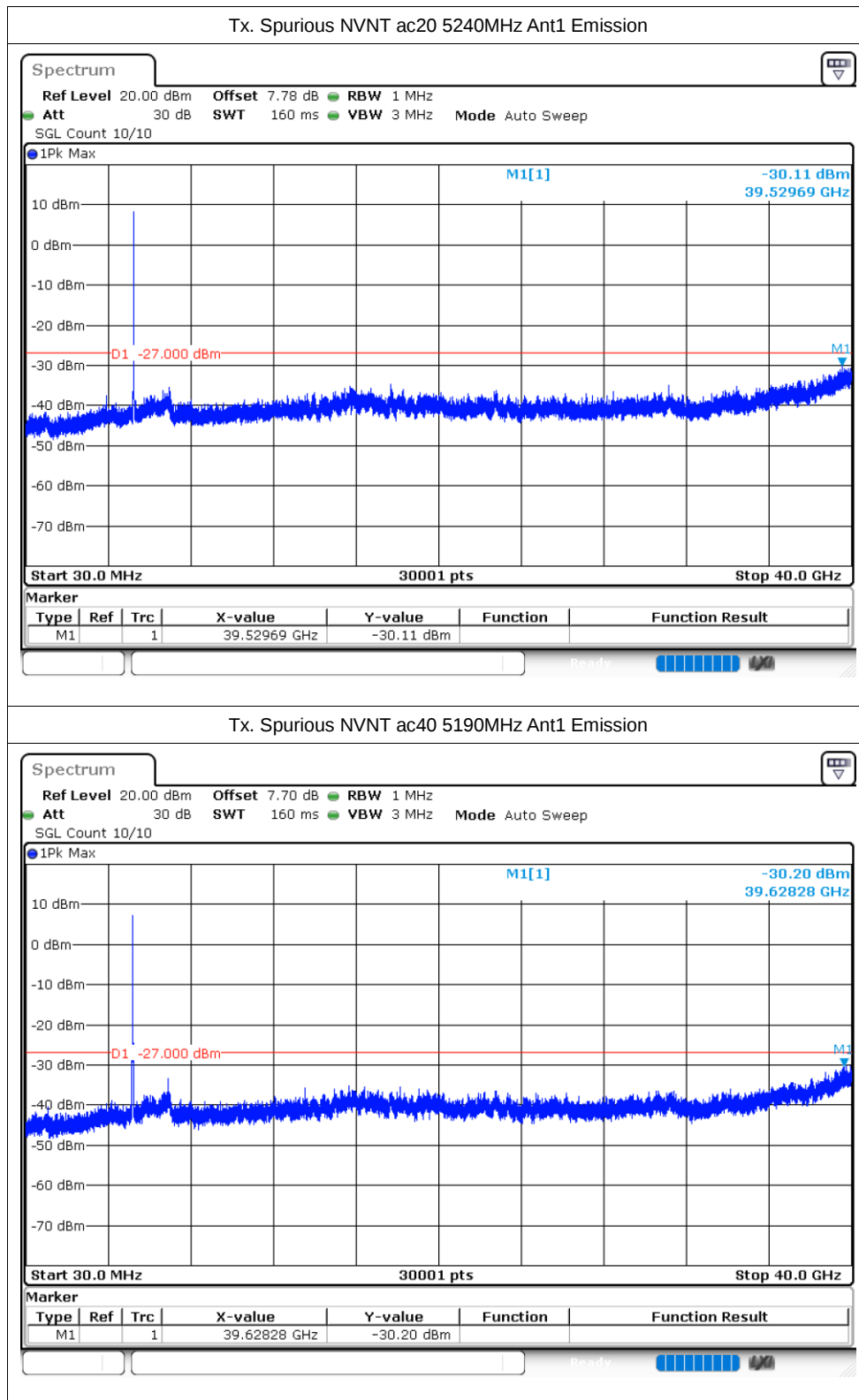
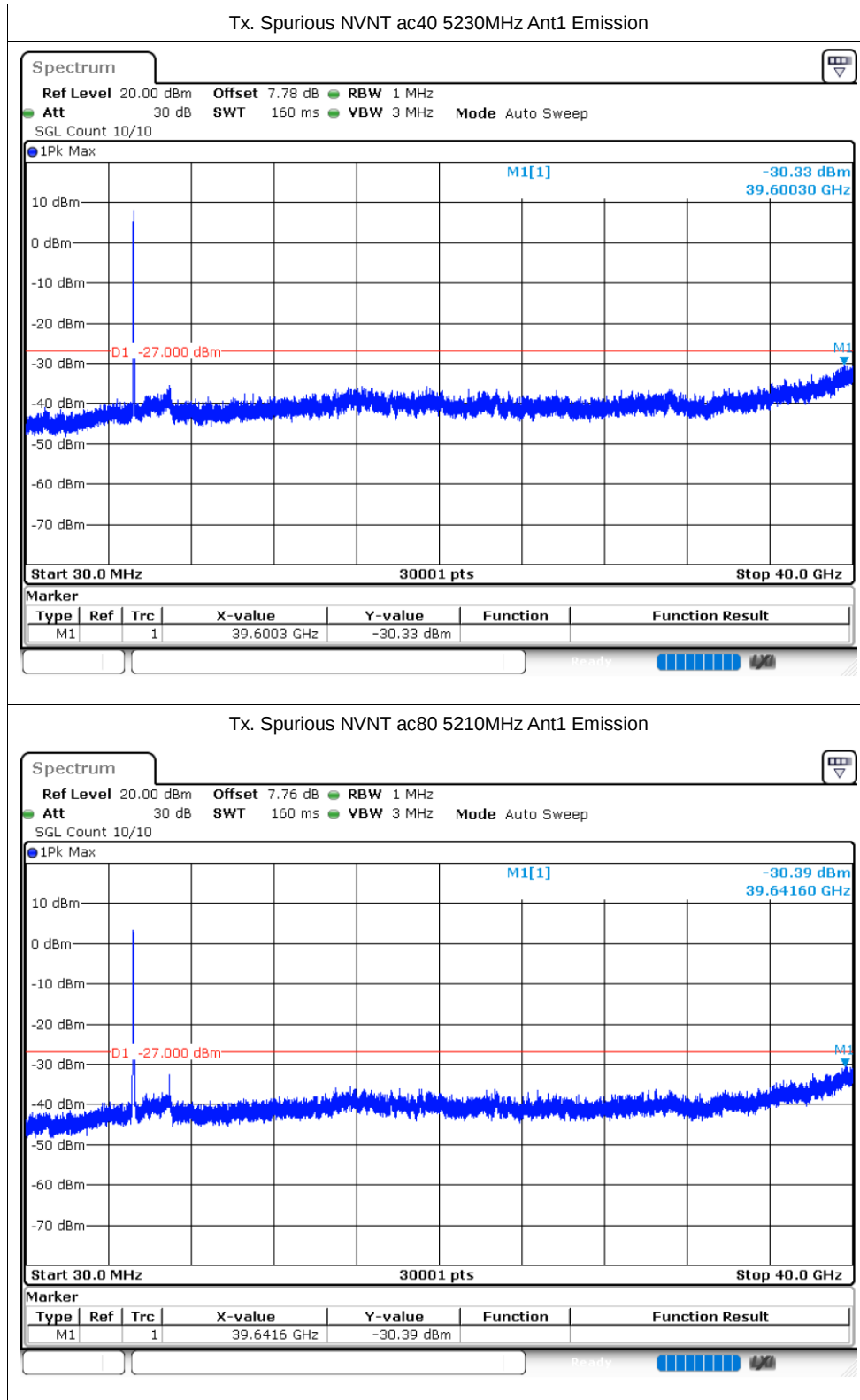












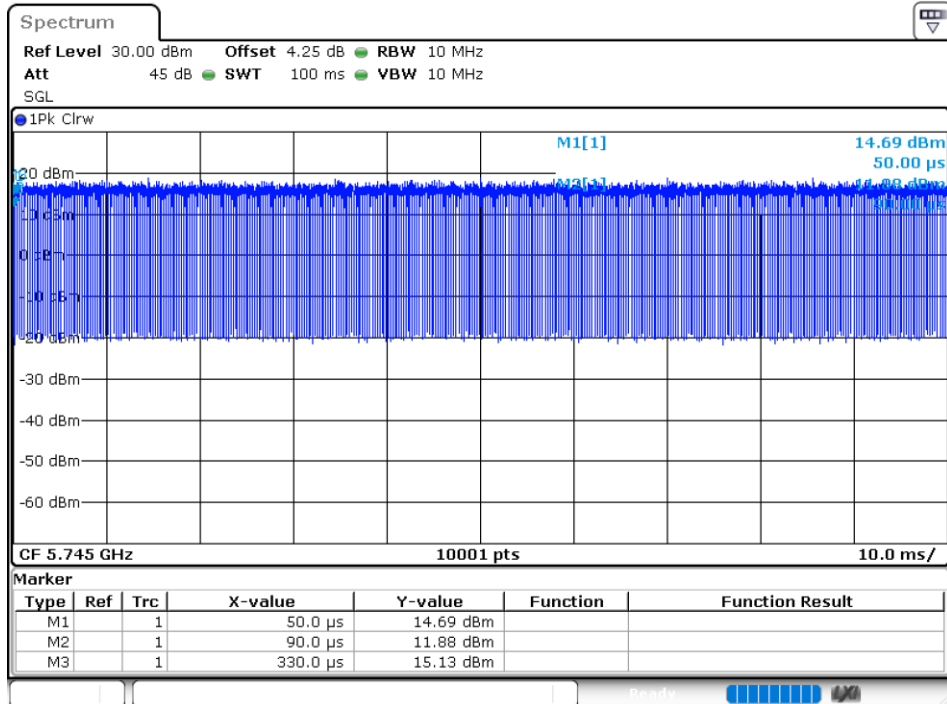
WIFI 5.8G

Duty Cycle

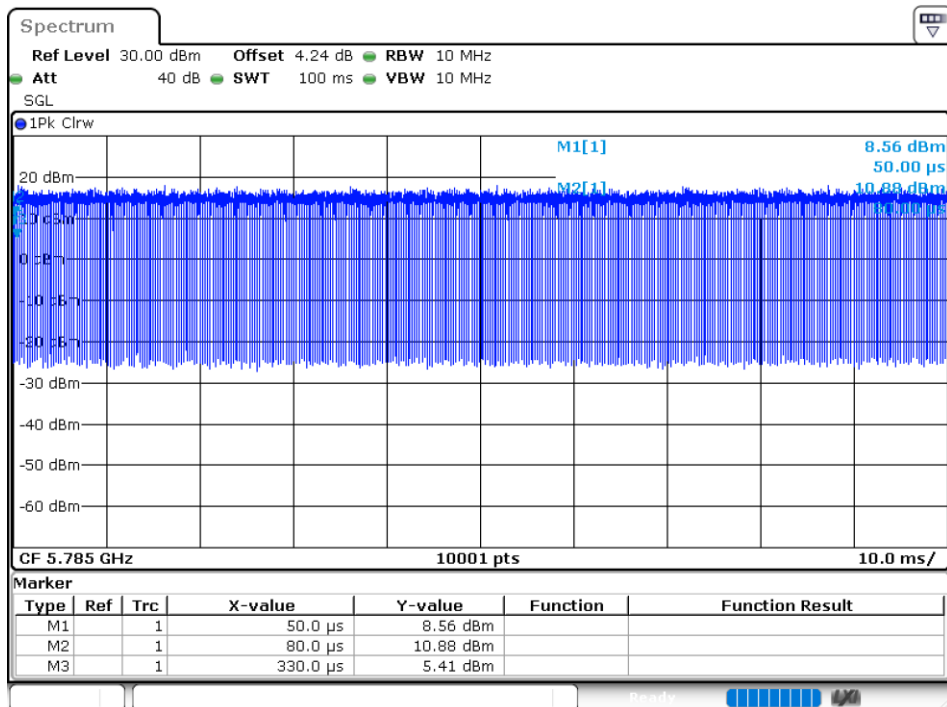
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	89.29	0.49	4.17
NVNT	a	5785	Ant1	92.86	0.32	4
NVNT	a	5825	Ant1	97.87	0.09	4
NVNT	n20	5745	Ant1	88.45	0.53	4.55
NVNT	n20	5785	Ant1	88.48	0.53	4.55
NVNT	n20	5825	Ant1	96.87	0.14	4.35
NVNT	n40	5755	Ant1	98.93	0.05	1.08
NVNT	n40	5795	Ant1	99.11	0.04	1.05
NVNT	ac20	5745	Ant1	98.63	0.06	0.53
NVNT	ac20	5785	Ant1	98.58	0.06	0.53
NVNT	ac20	5825	Ant1	98.62	0.06	0.53
NVNT	ac40	5755	Ant1	97.31	0.12	1.08
NVNT	ac40	5795	Ant1	97.31	0.12	1.08
NVNT	ac80	5775	Ant1	94.71	0.24	2.22

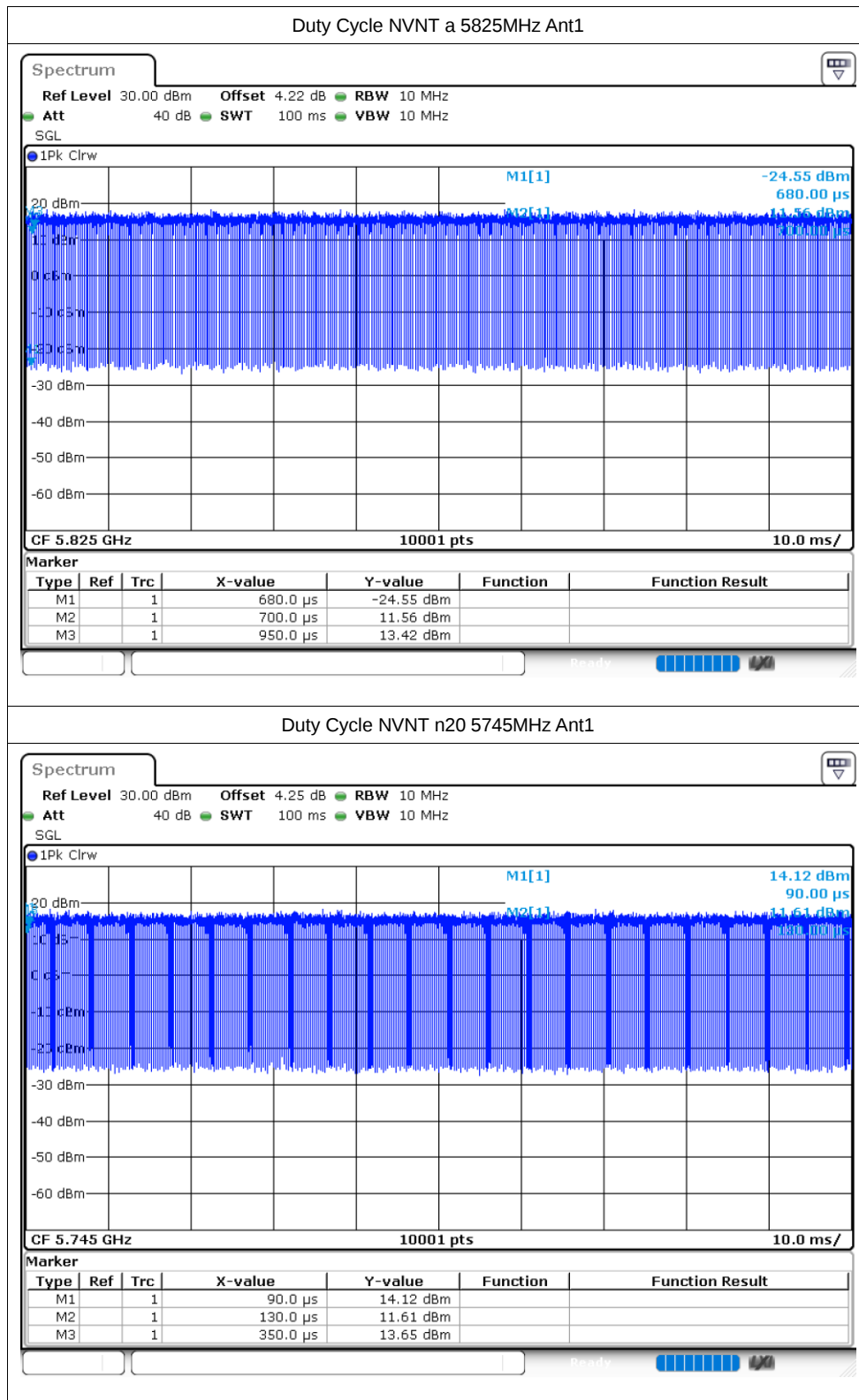
Test Graphs

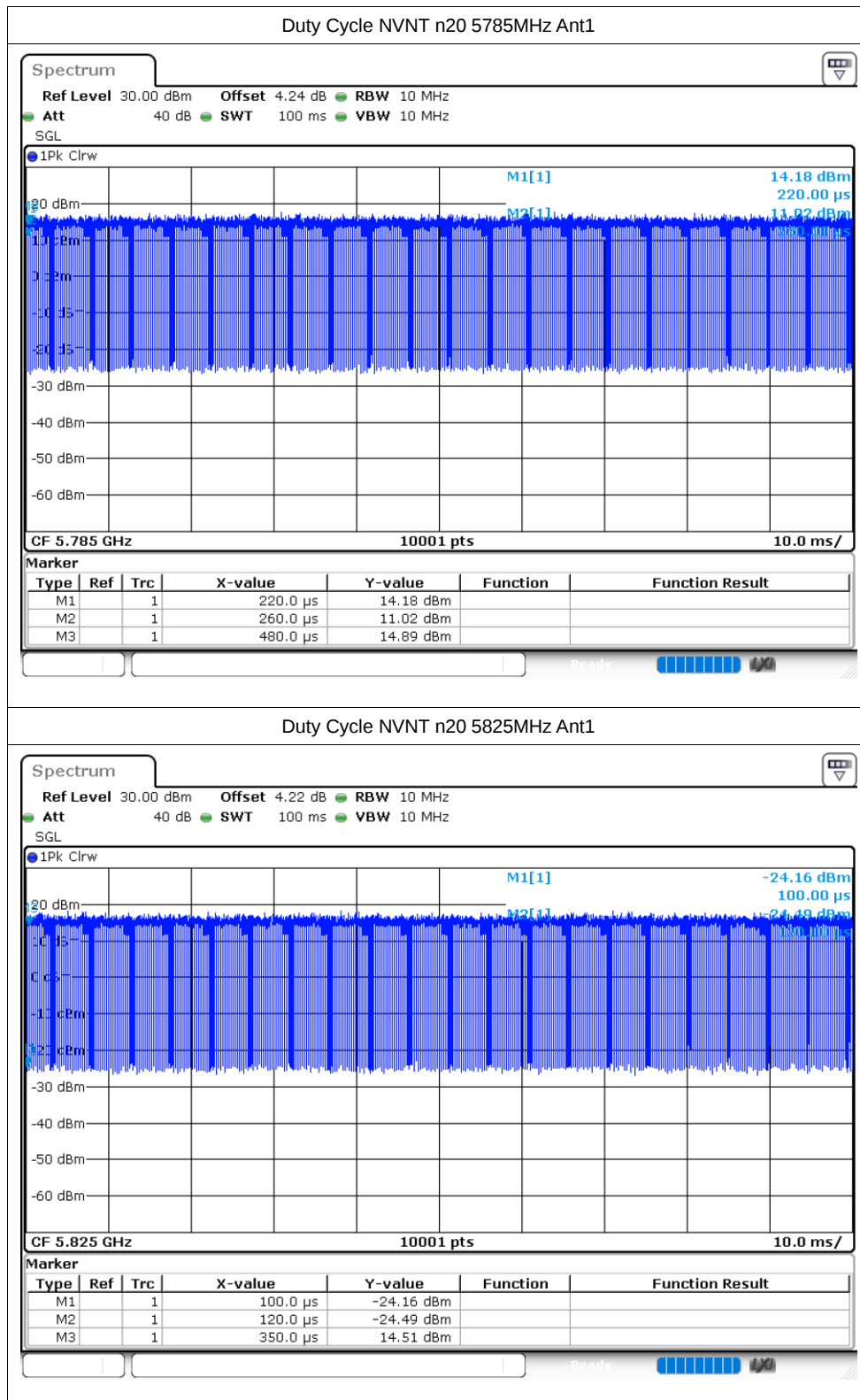
Duty Cycle NVNT a 5745MHz Ant1

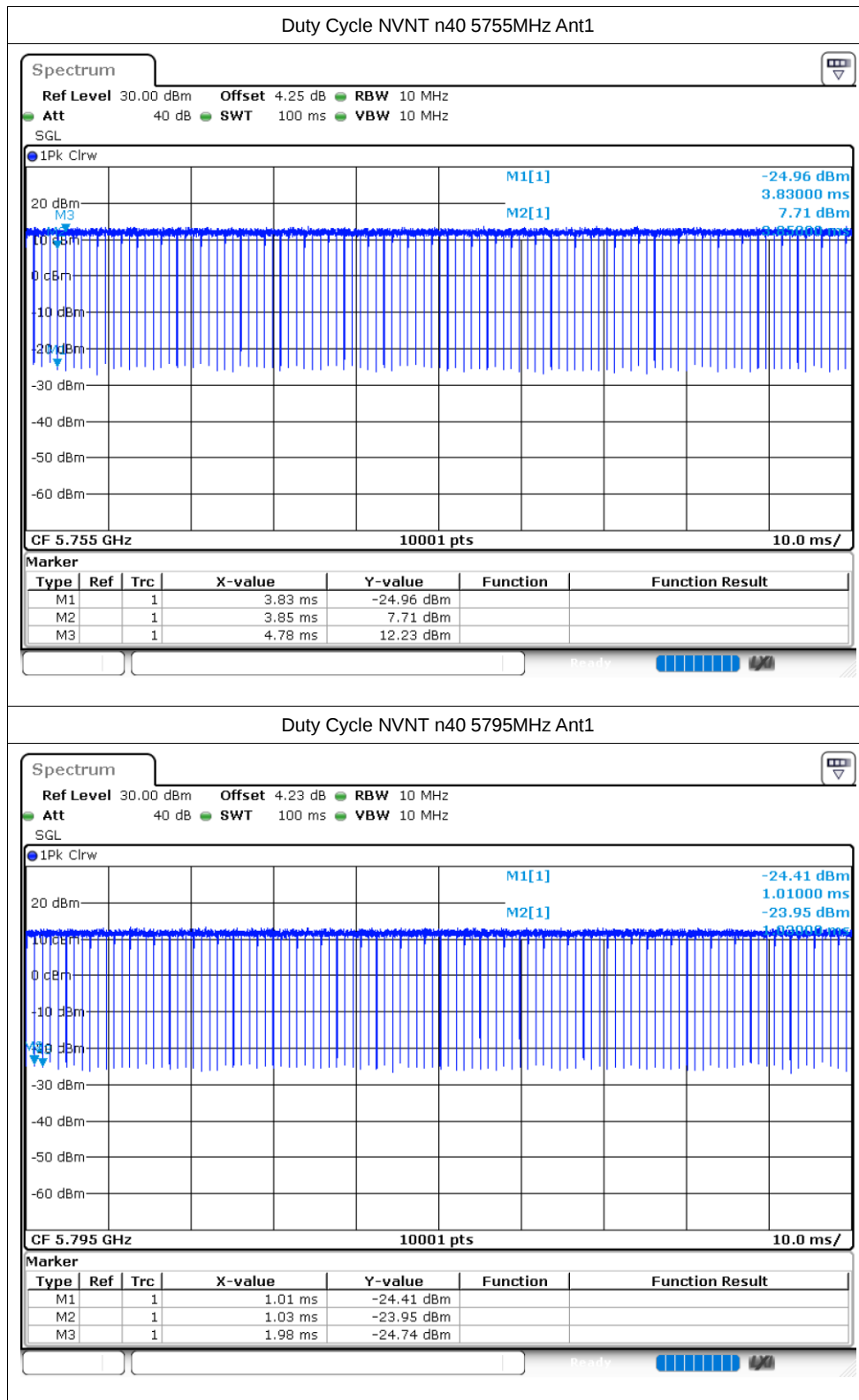


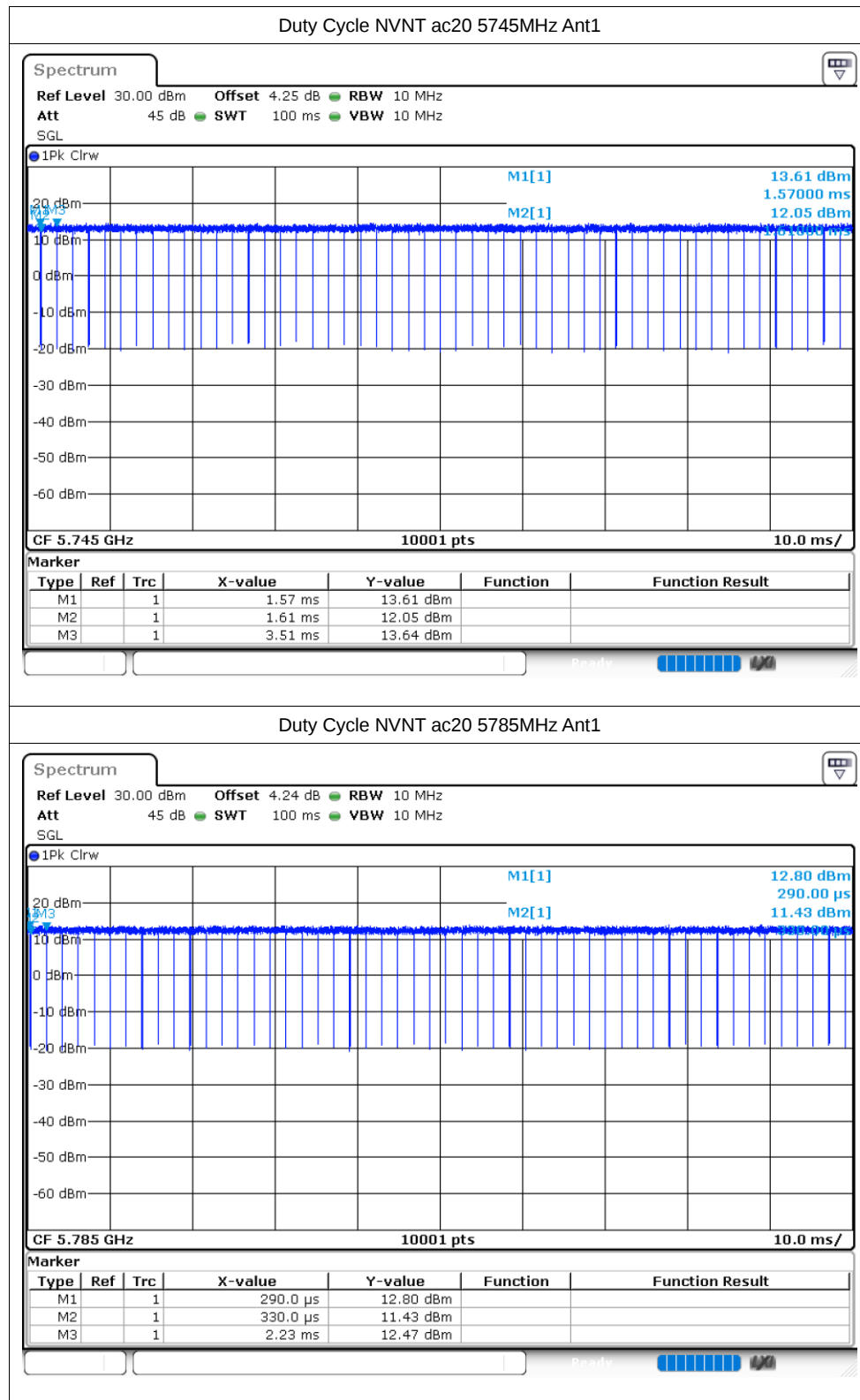
Duty Cycle NVNT a 5785MHz Ant1

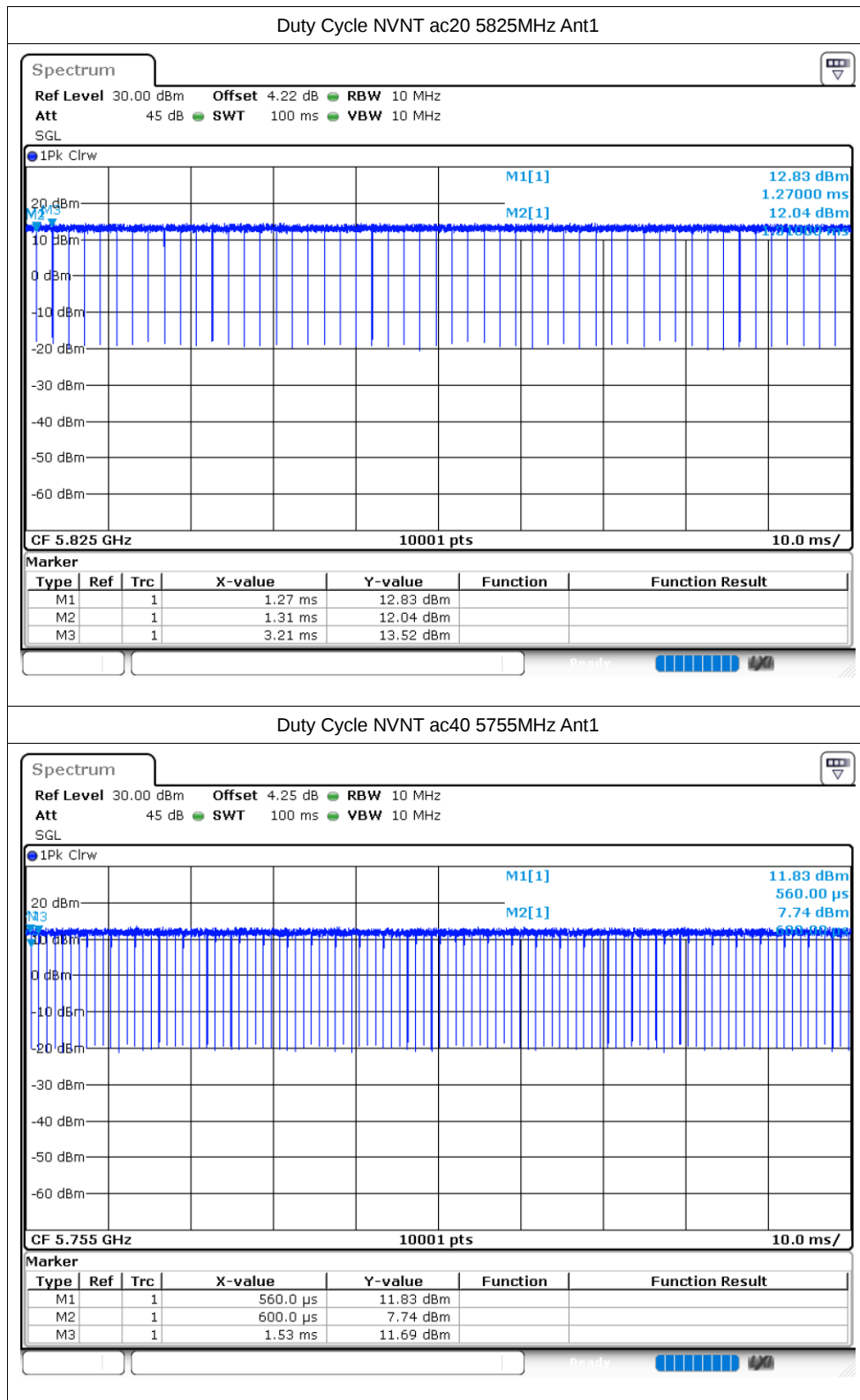


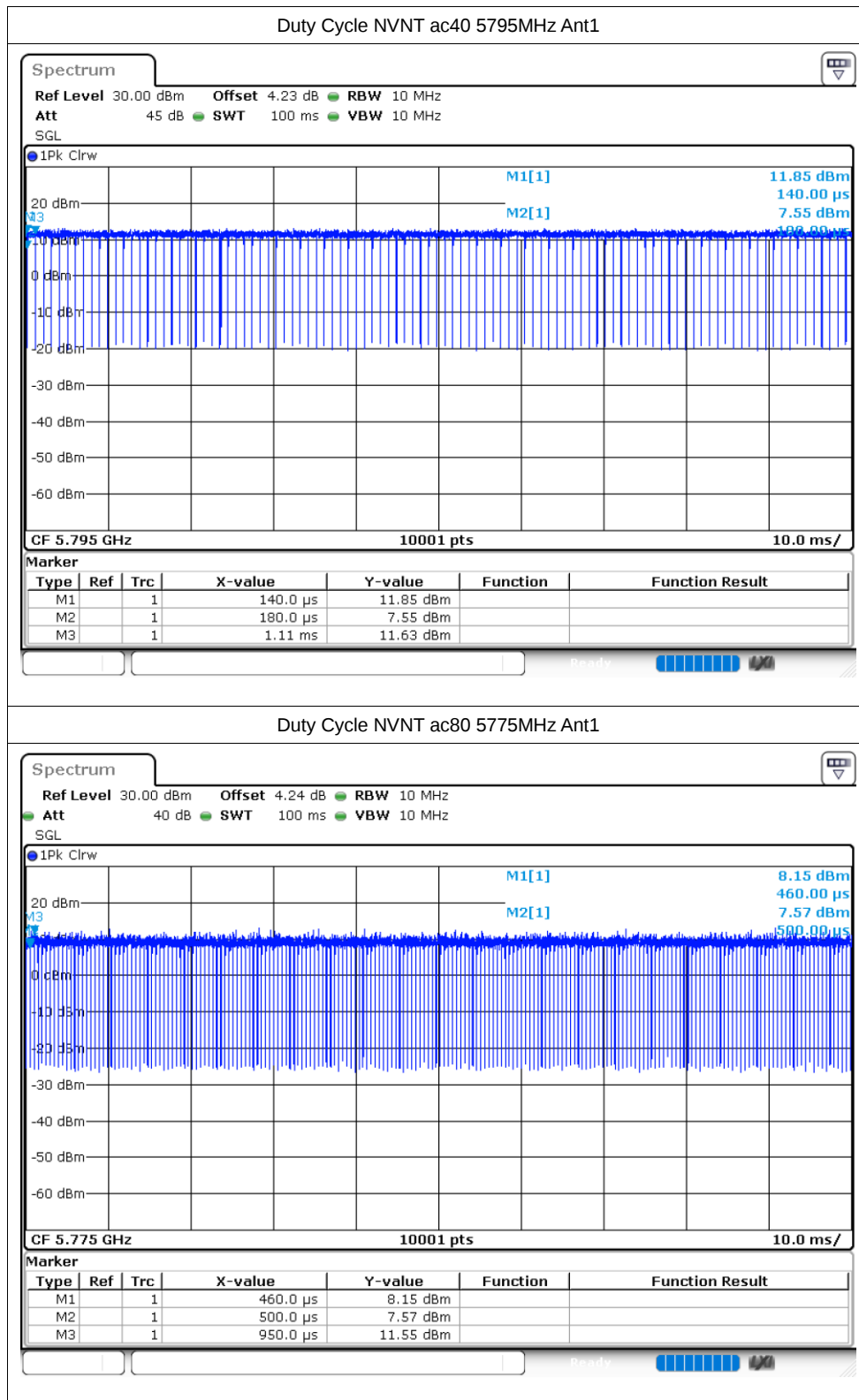












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.89	30	Pass
NVNT	a	5785	Ant1	11.13	30	Pass
NVNT	a	5825	Ant1	11.88	30	Pass
NVNT	n20	5745	Ant1	10.94	30	Pass
NVNT	n20	5785	Ant1	11.41	30	Pass
NVNT	n20	5825	Ant1	11.83	30	Pass
NVNT	n40	5755	Ant1	11.4	30	Pass
NVNT	n40	5795	Ant1	11.81	30	Pass
NVNT	ac20	5745	Ant1	10.38	30	Pass
NVNT	ac20	5785	Ant1	10.68	30	Pass
NVNT	ac20	5825	Ant1	11.18	30	Pass
NVNT	ac40	5755	Ant1	11.44	30	Pass
NVNT	ac40	5795	Ant1	11.77	30	Pass
NVNT	ac80	5775	Ant1	11.08	30	Pass

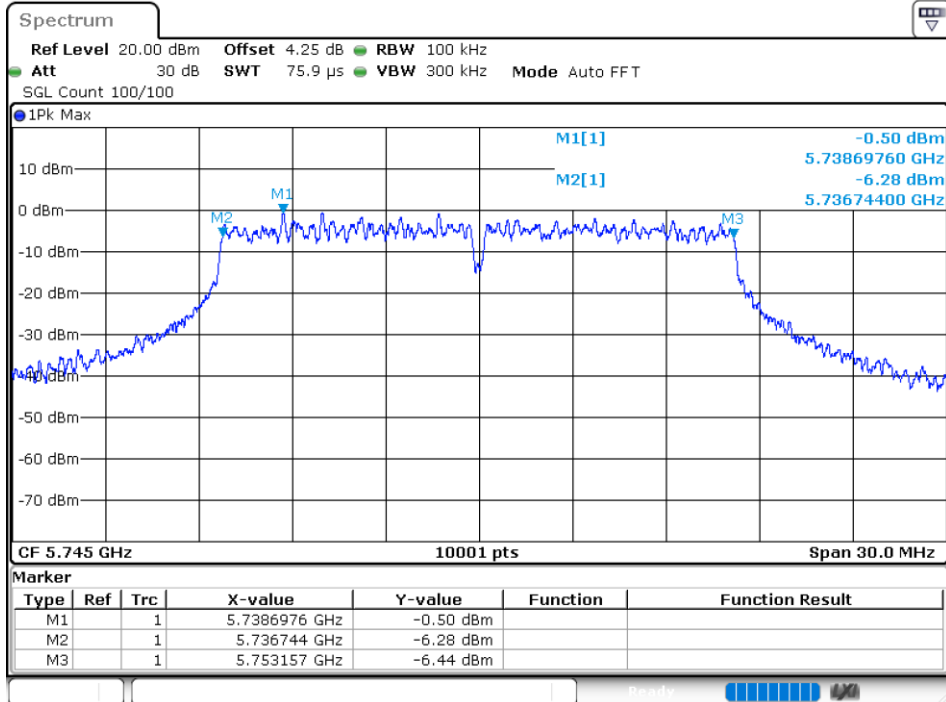
Note: This test has increased duty cycle Factor.

-6dB Bandwidth

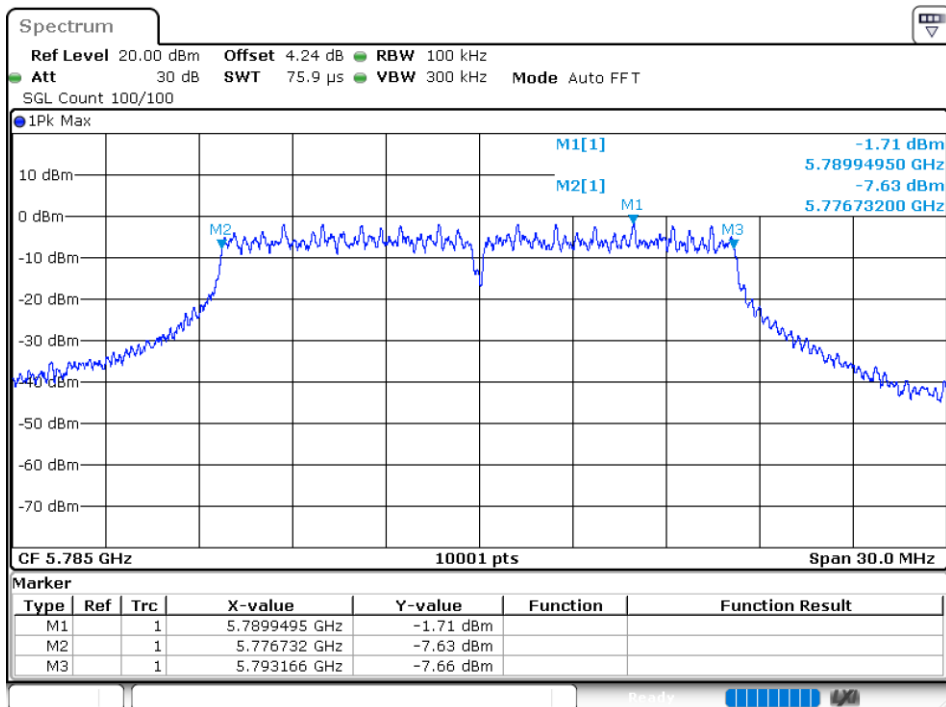
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.413	0.5	Pass
NVNT	a	5785	Ant1	16.434	0.5	Pass
NVNT	a	5825	Ant1	16.449	0.5	Pass
NVNT	n20	5745	Ant1	17.67	0.5	Pass
NVNT	n20	5785	Ant1	17.67	0.5	Pass
NVNT	n20	5825	Ant1	17.403	0.5	Pass
NVNT	n40	5755	Ant1	36.288	0.5	Pass
NVNT	n40	5795	Ant1	33.768	0.5	Pass
NVNT	ac20	5745	Ant1	14.127	0.5	Pass
NVNT	ac20	5785	Ant1	17.595	0.5	Pass
NVNT	ac20	5825	Ant1	17.586	0.5	Pass
NVNT	ac40	5755	Ant1	35.064	0.5	Pass
NVNT	ac40	5795	Ant1	35.94	0.5	Pass
NVNT	ac80	5775	Ant1	75.072	0.5	Pass

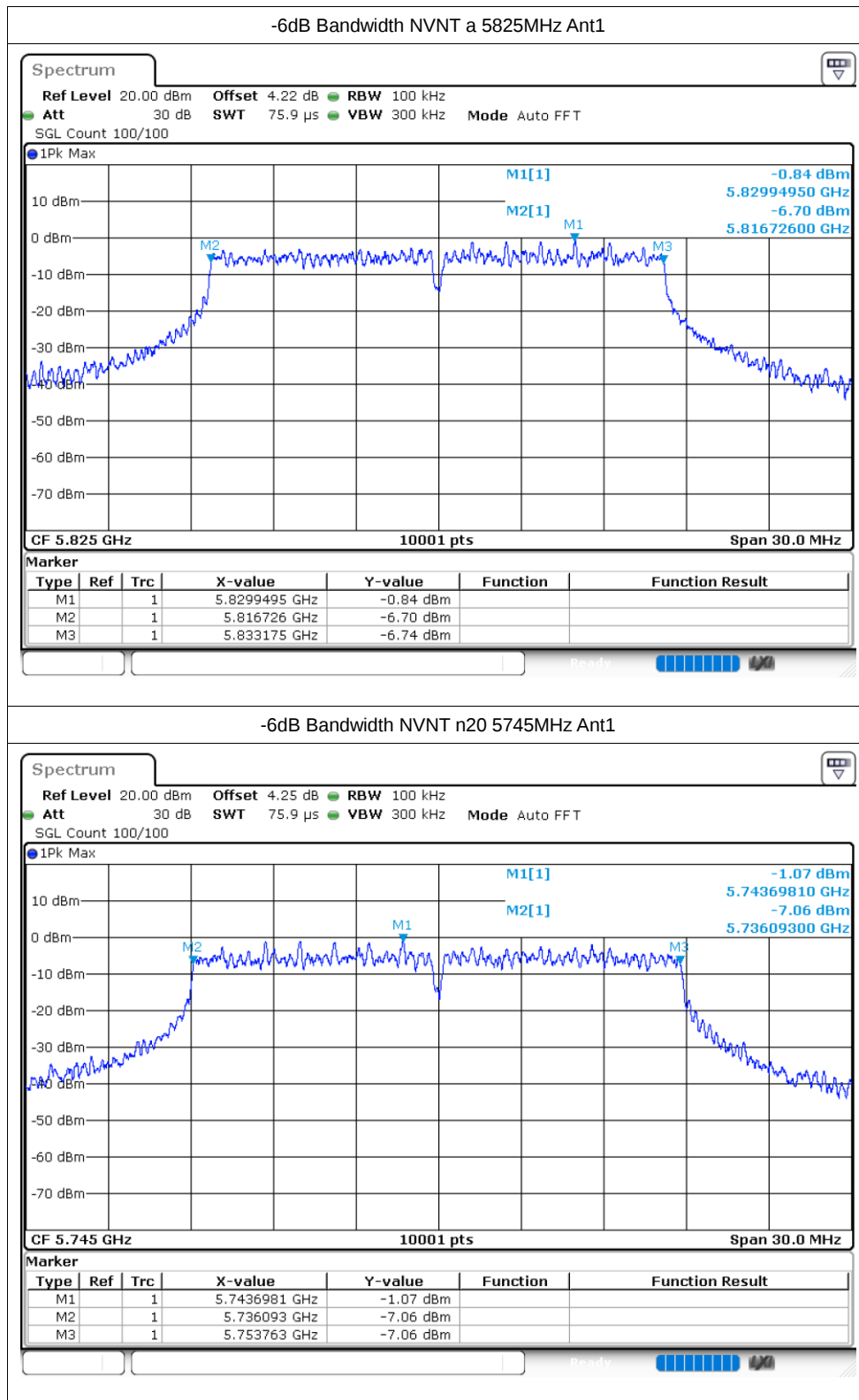
Test Graphs

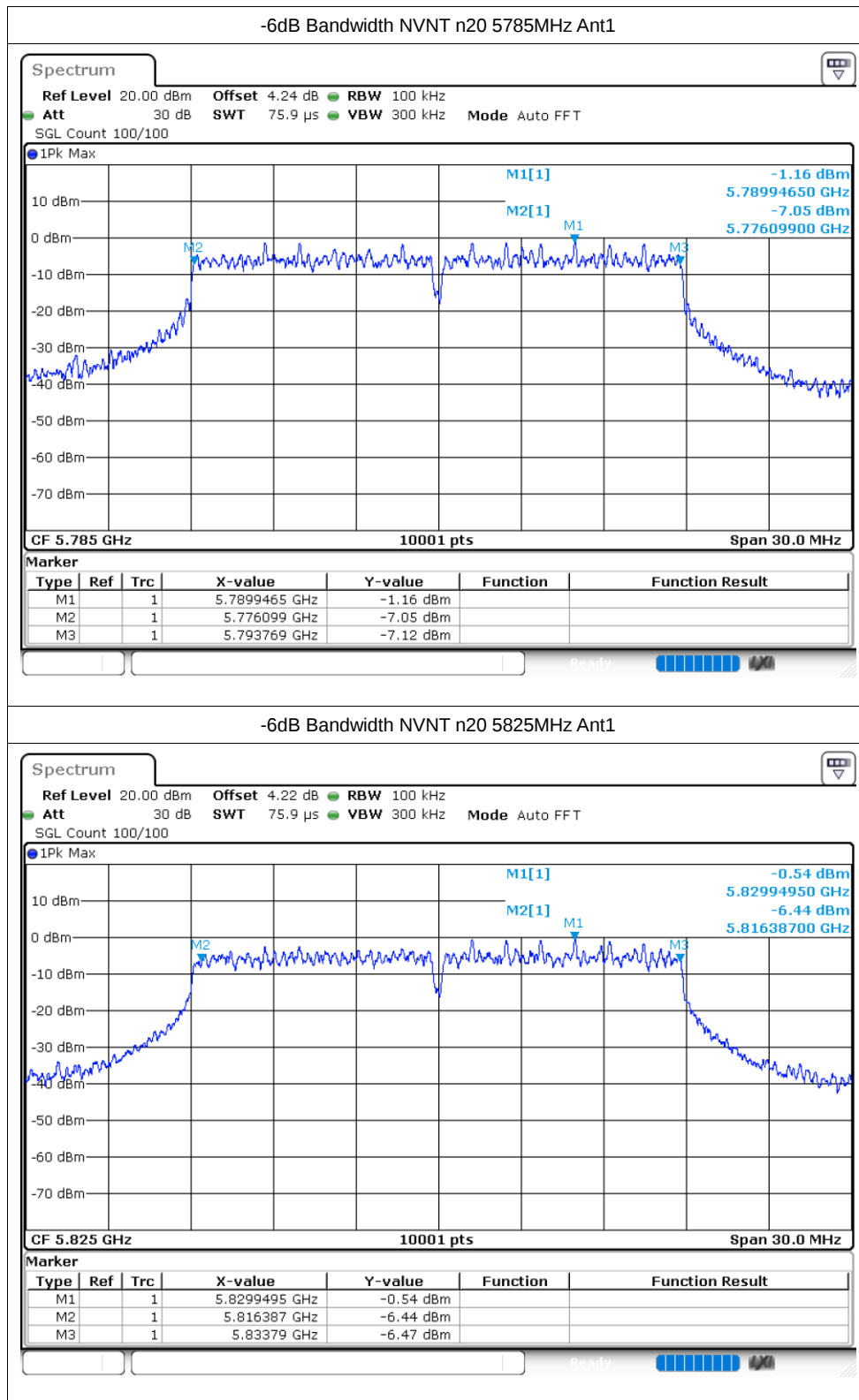
-6dB Bandwidth NVNT a 5745MHz Ant1

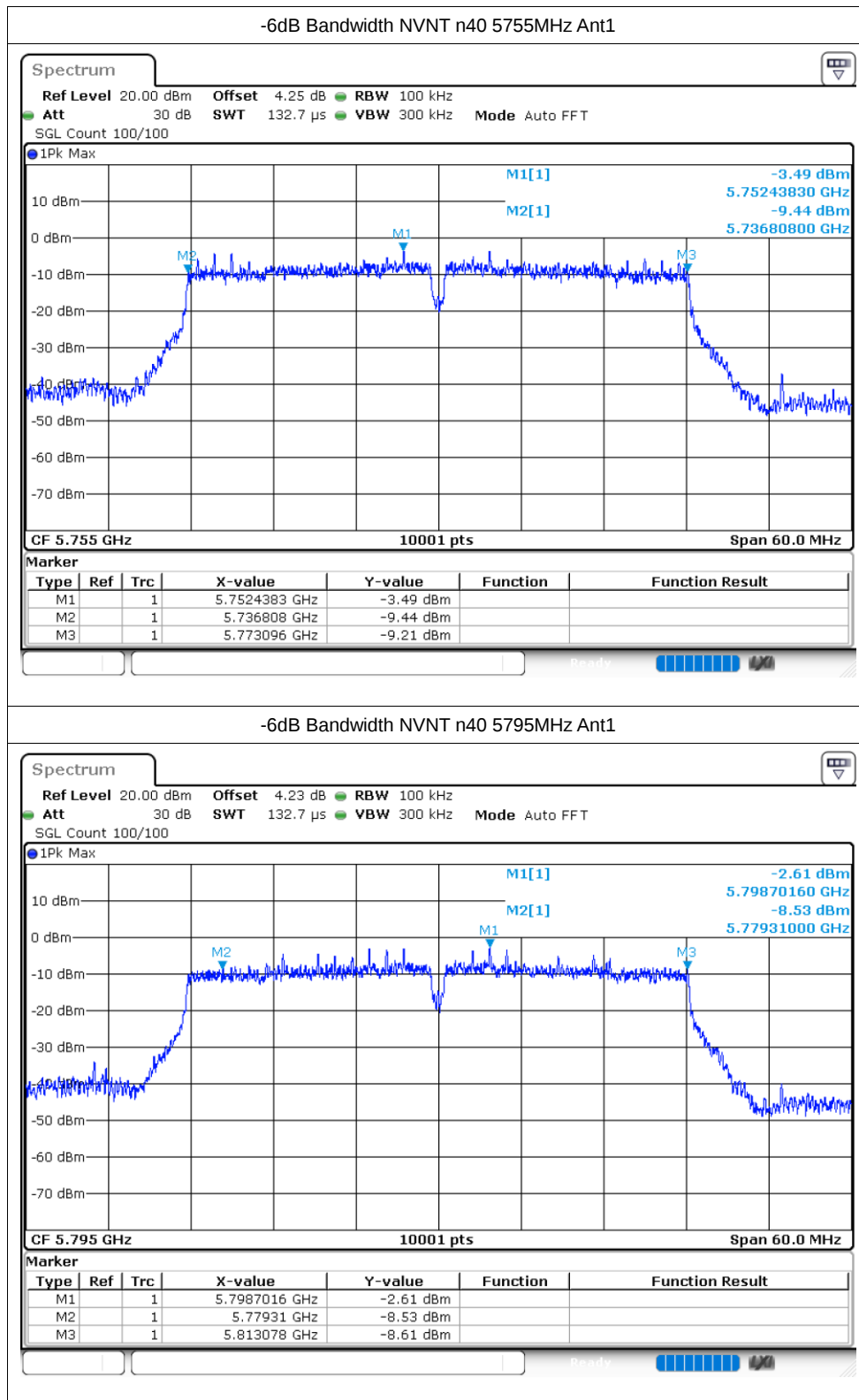


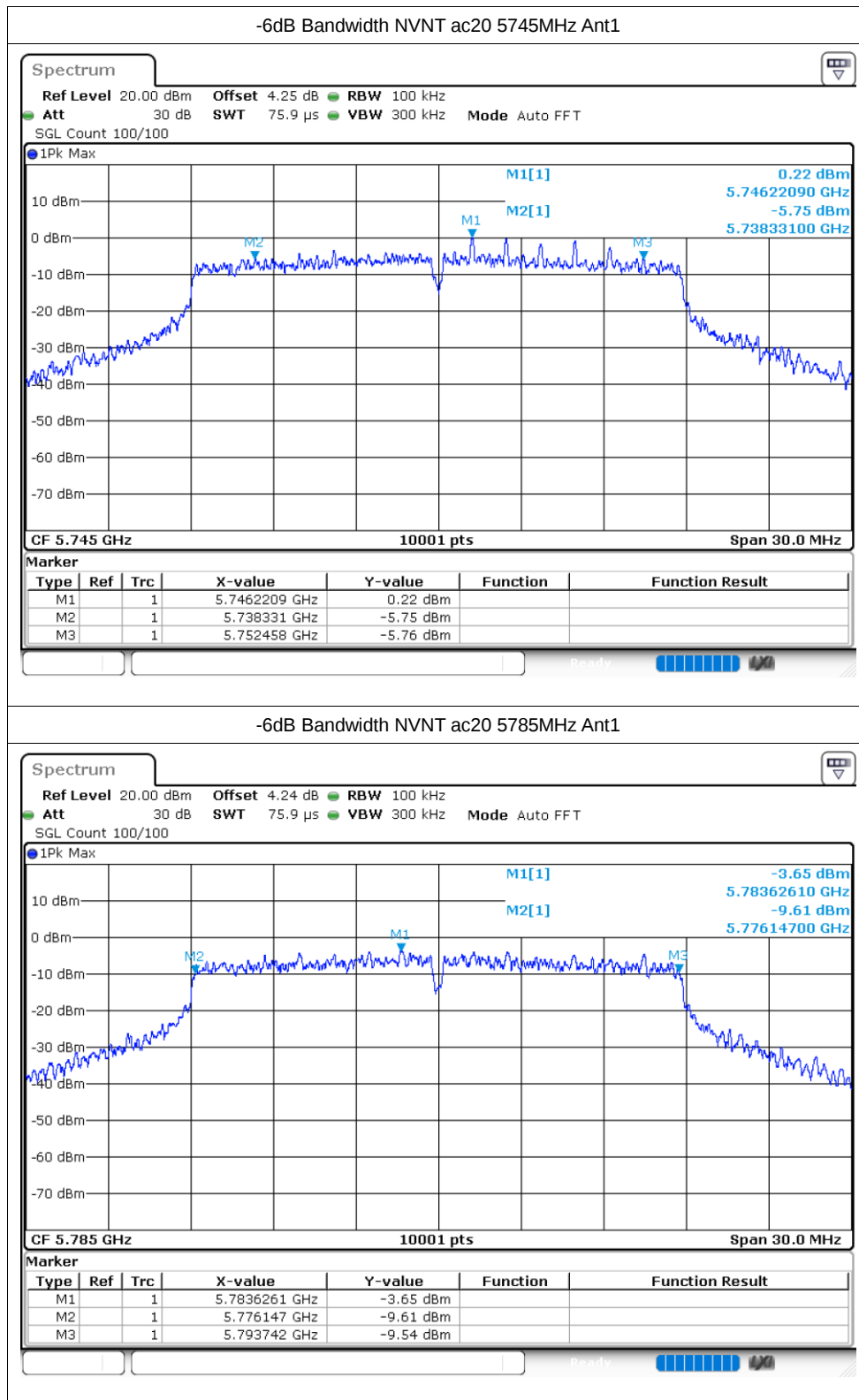
-6dB Bandwidth NVNT a 5785MHz Ant1

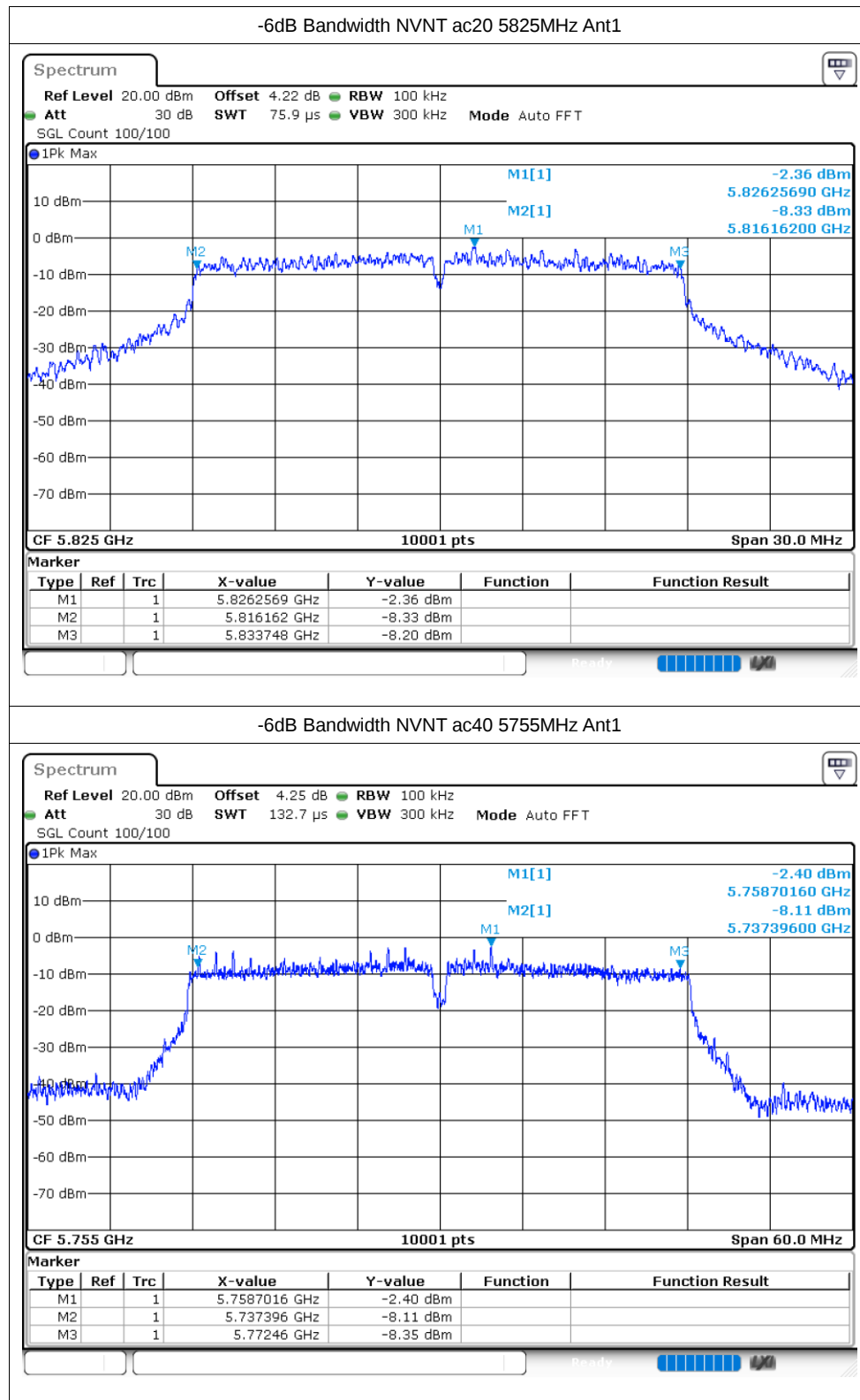


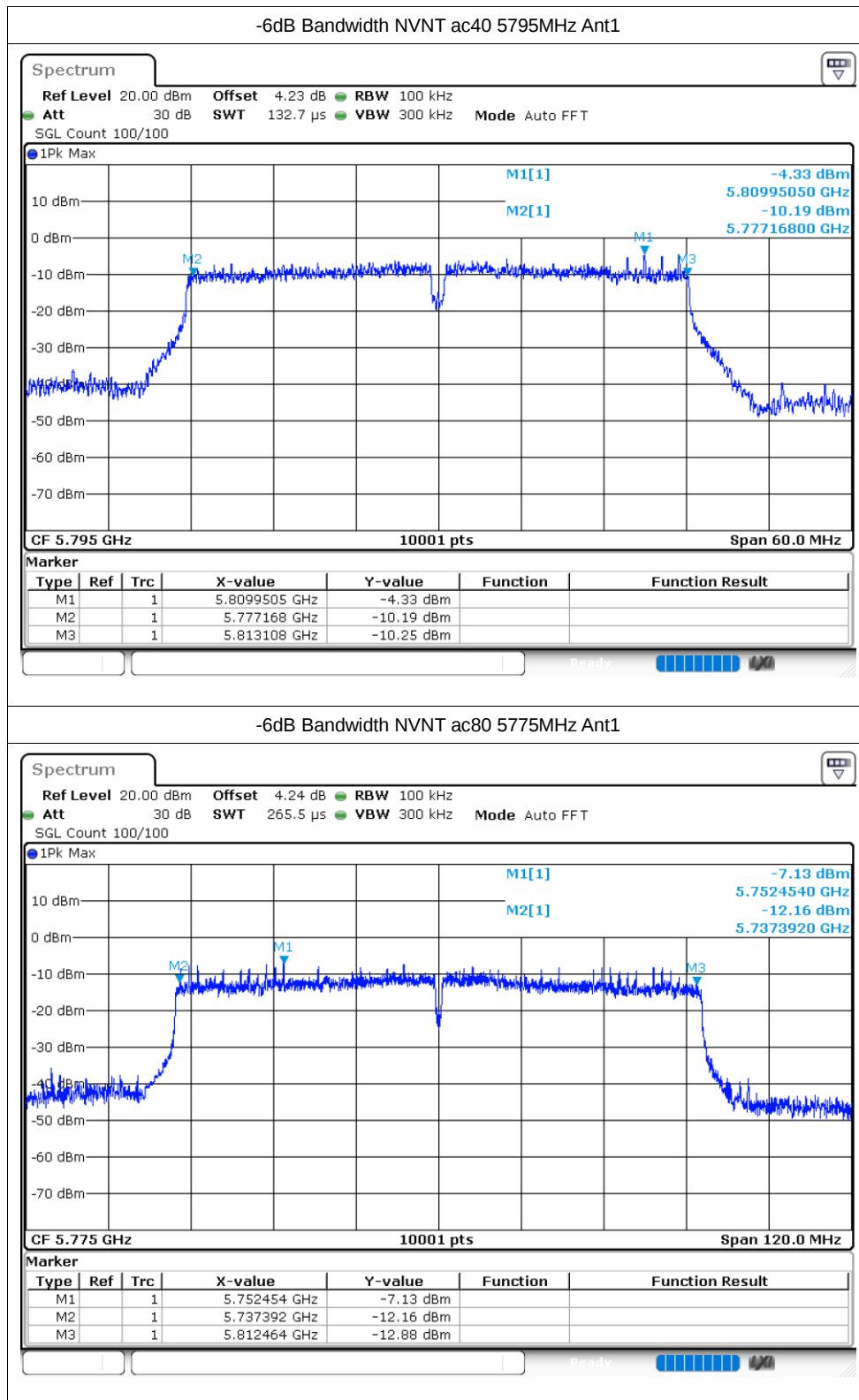










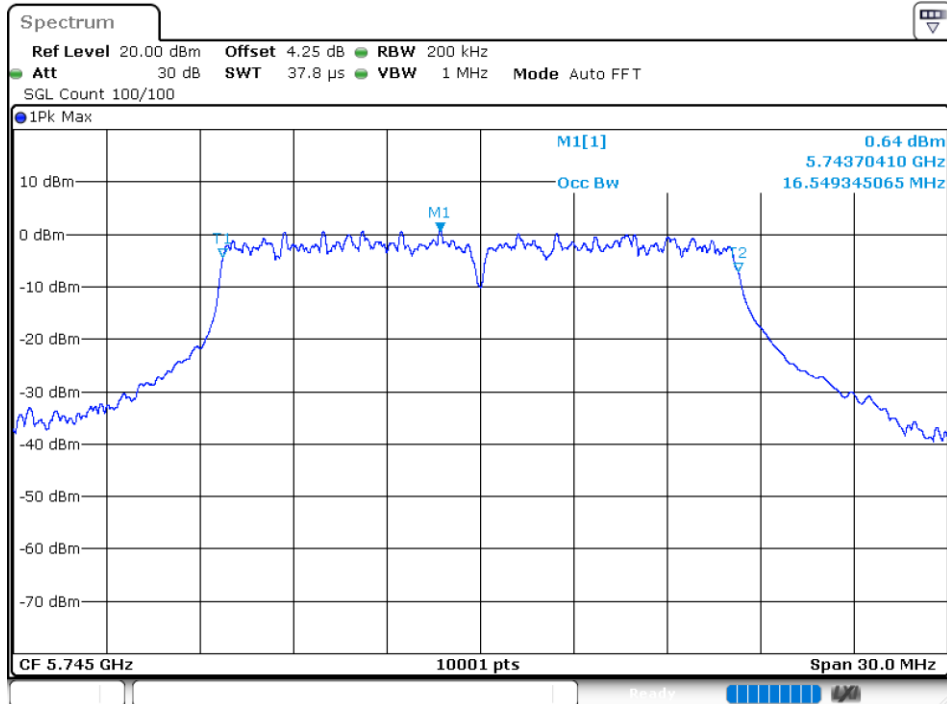


Occupied Channel Bandwidth

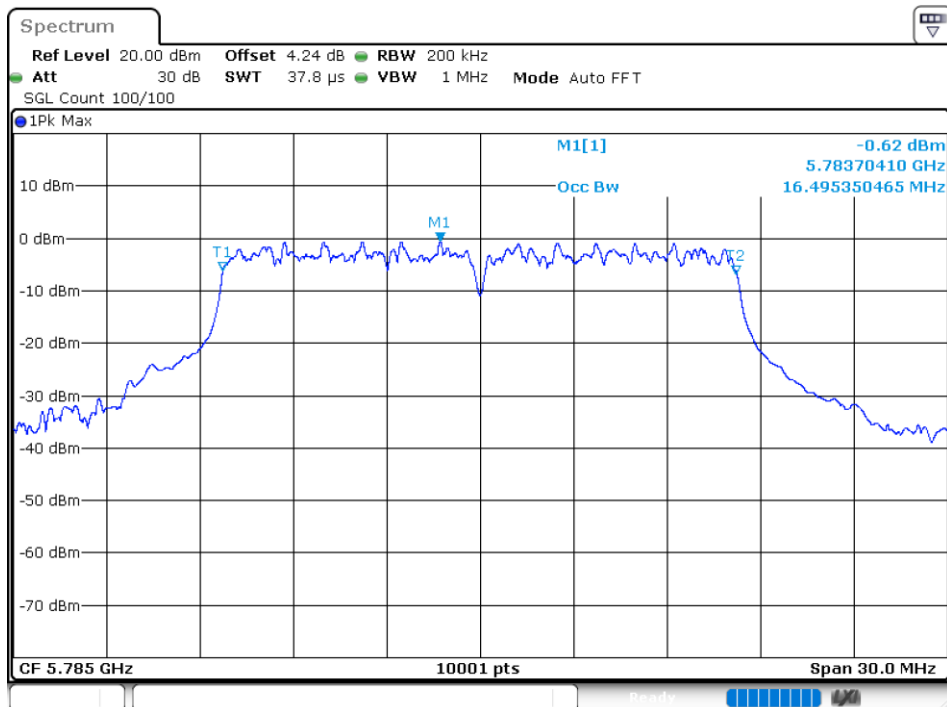
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.549
NVNT	a	5785	Ant1	16.495
NVNT	a	5825	Ant1	16.549
NVNT	n20	5745	Ant1	17.764
NVNT	n20	5785	Ant1	17.719
NVNT	n20	5825	Ant1	17.761
NVNT	n40	5755	Ant1	36.212
NVNT	n40	5795	Ant1	36.242
NVNT	ac20	5745	Ant1	17.8
NVNT	ac20	5785	Ant1	17.692
NVNT	ac20	5825	Ant1	17.713
NVNT	ac40	5755	Ant1	36.206
NVNT	ac40	5795	Ant1	36.236
NVNT	ac80	5775	Ant1	75.508

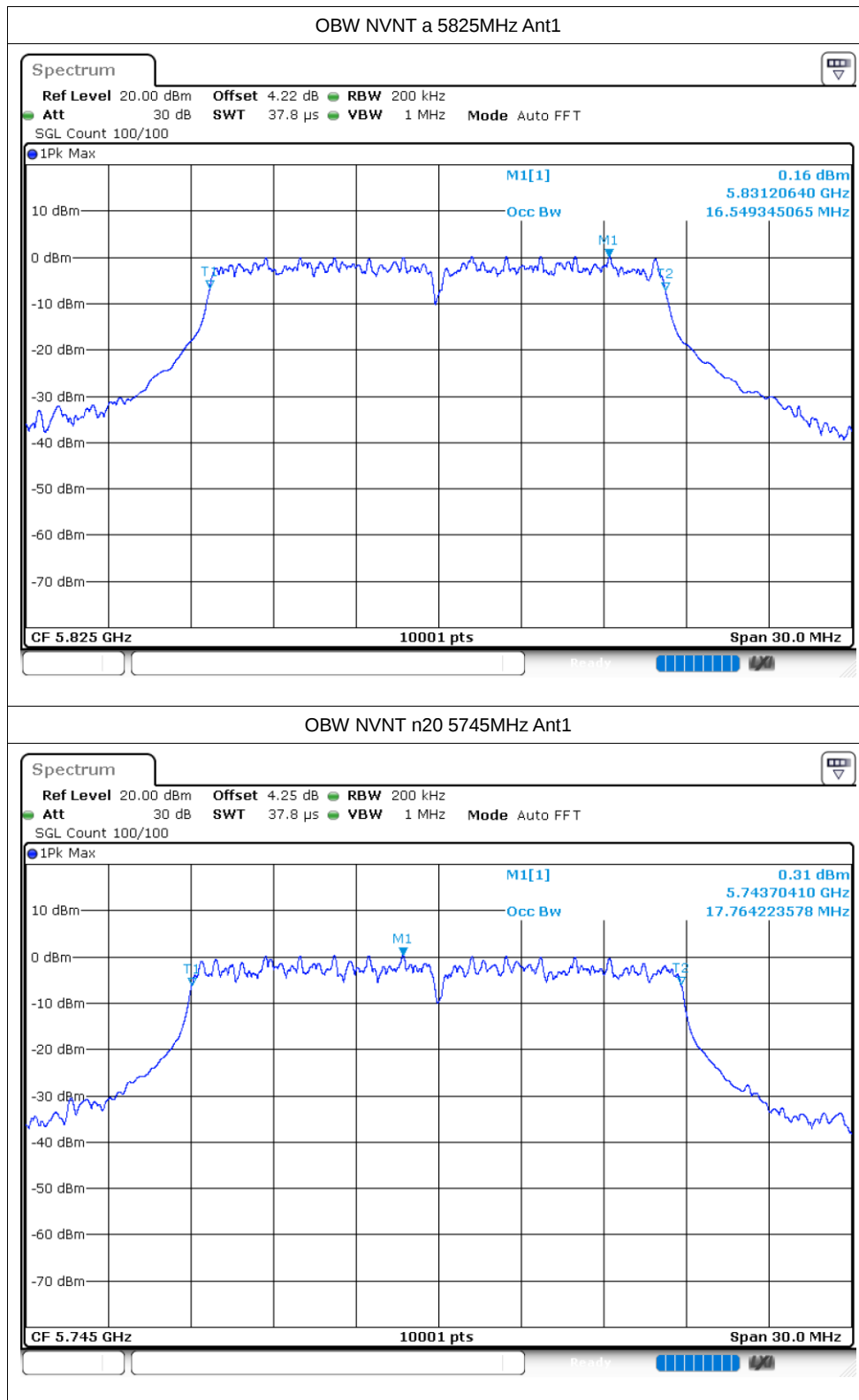
Test Graphs

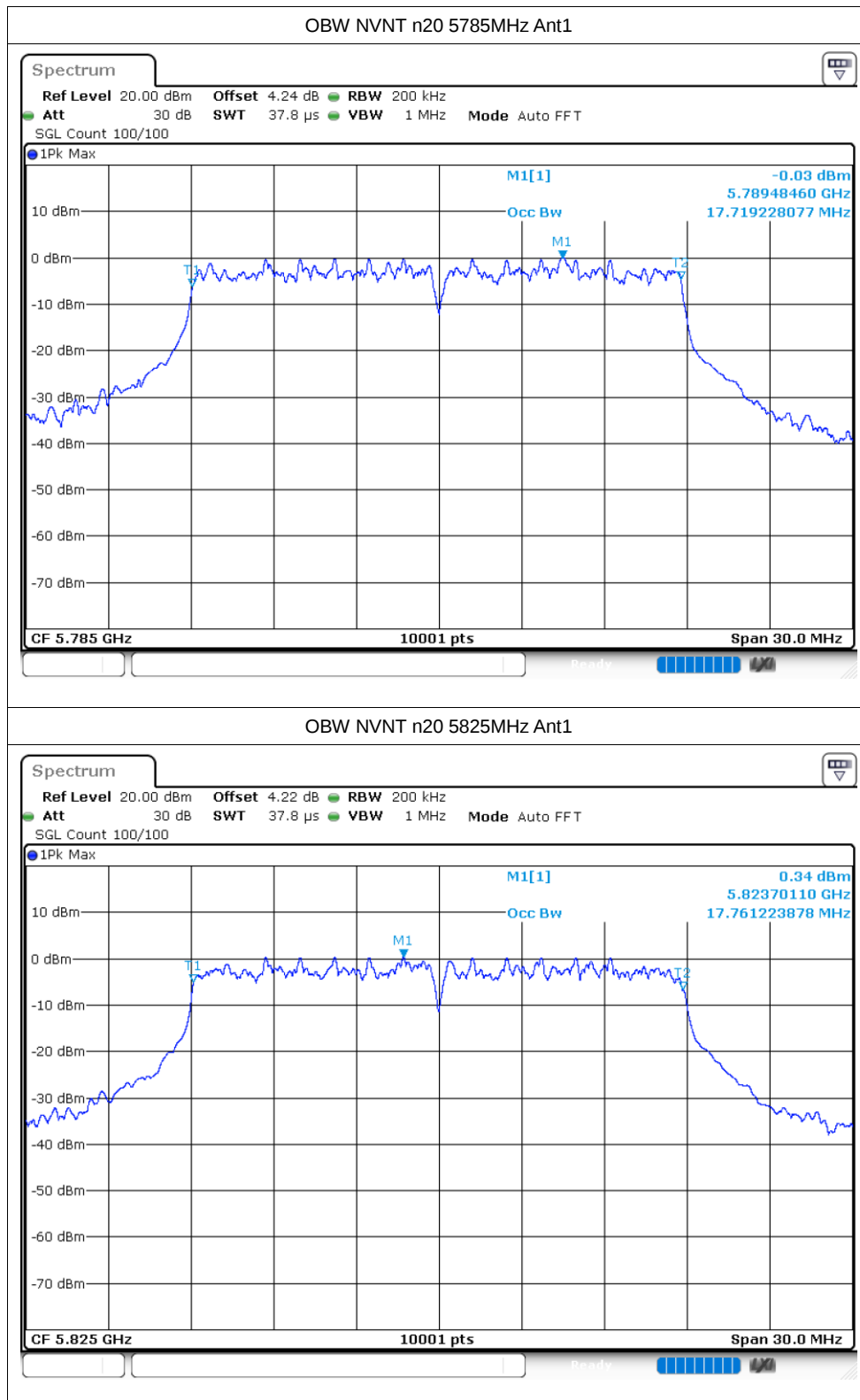
OBW NVNT a 5745MHz Ant1

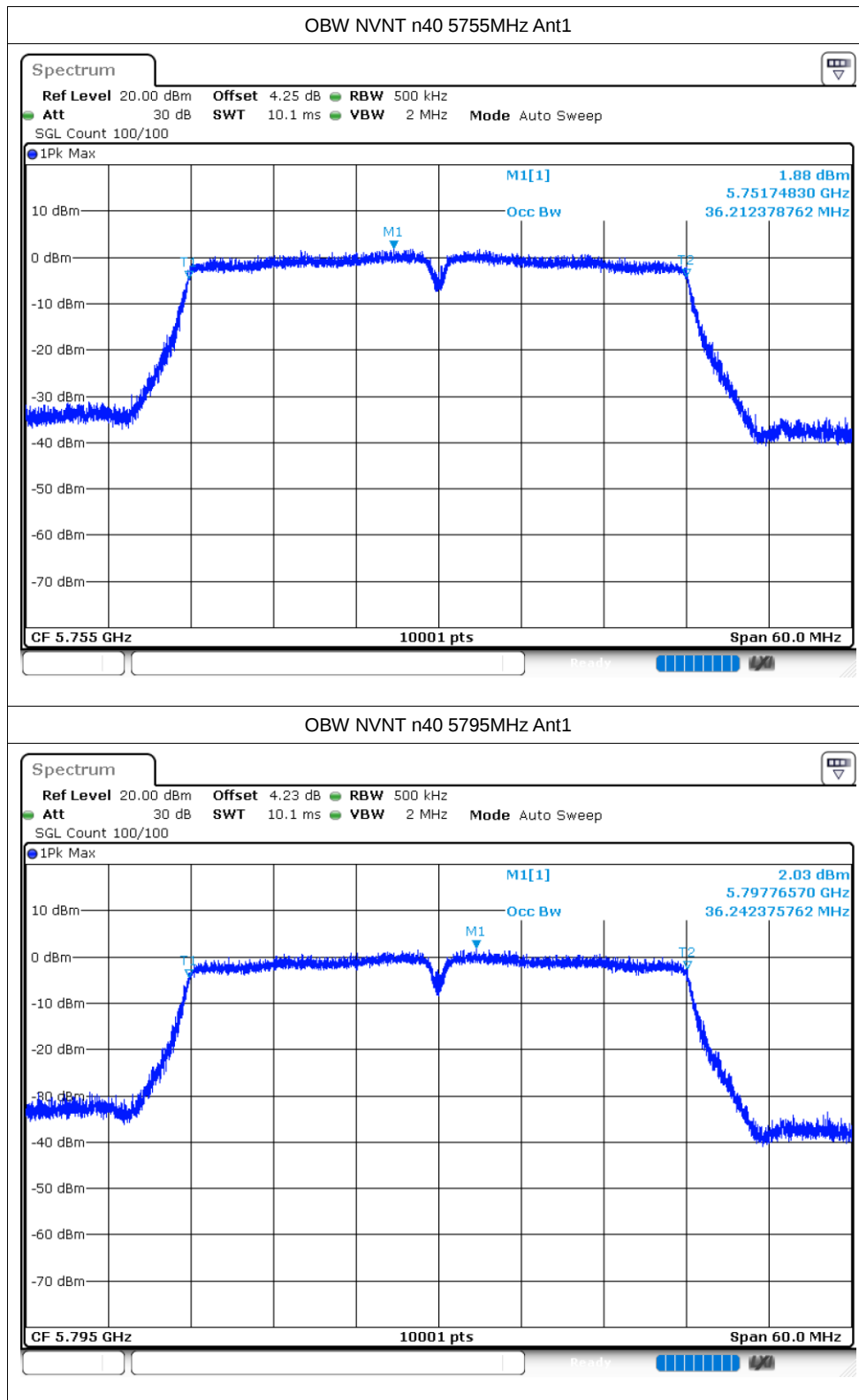


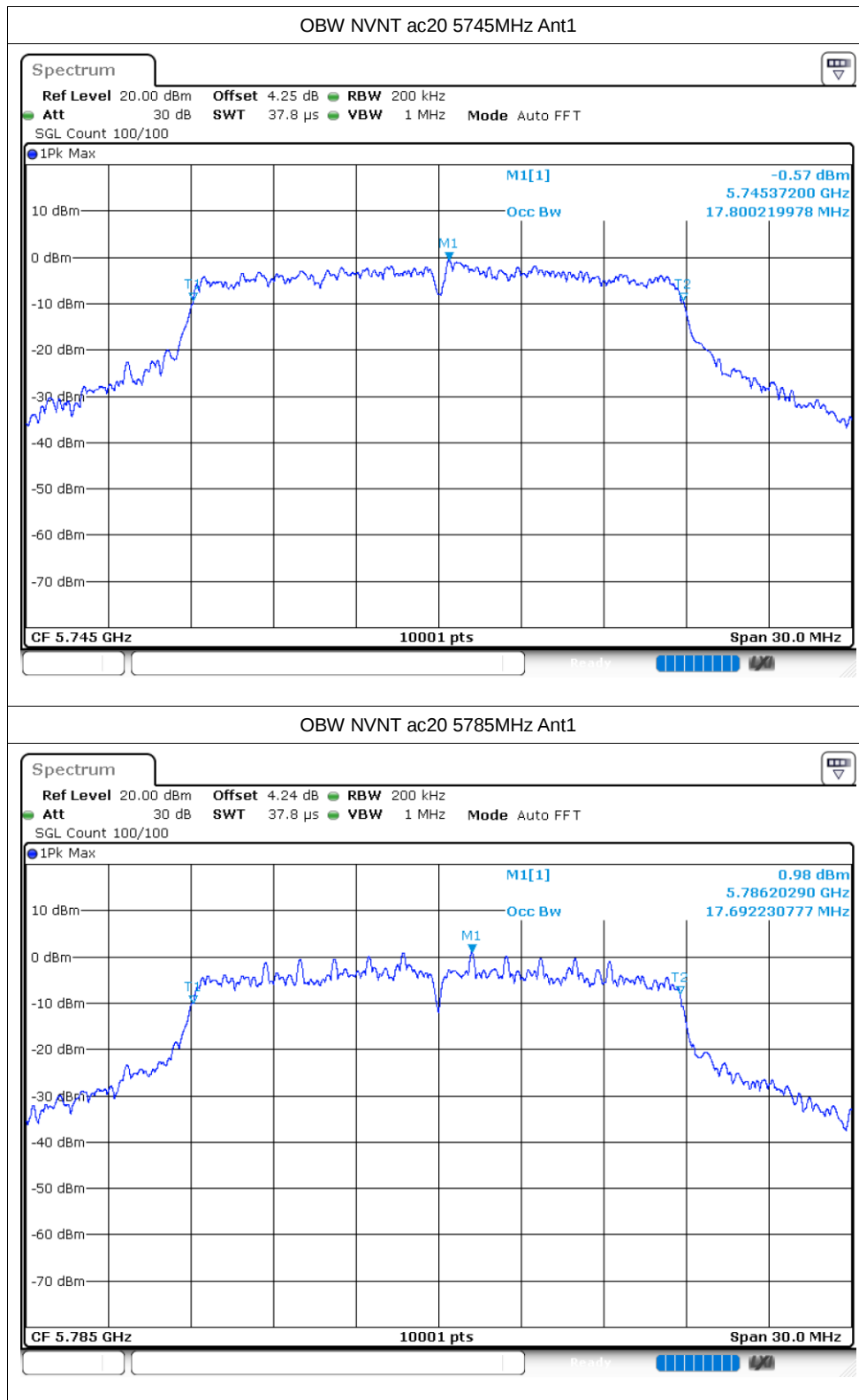
OBW NVNT a 5785MHz Ant1

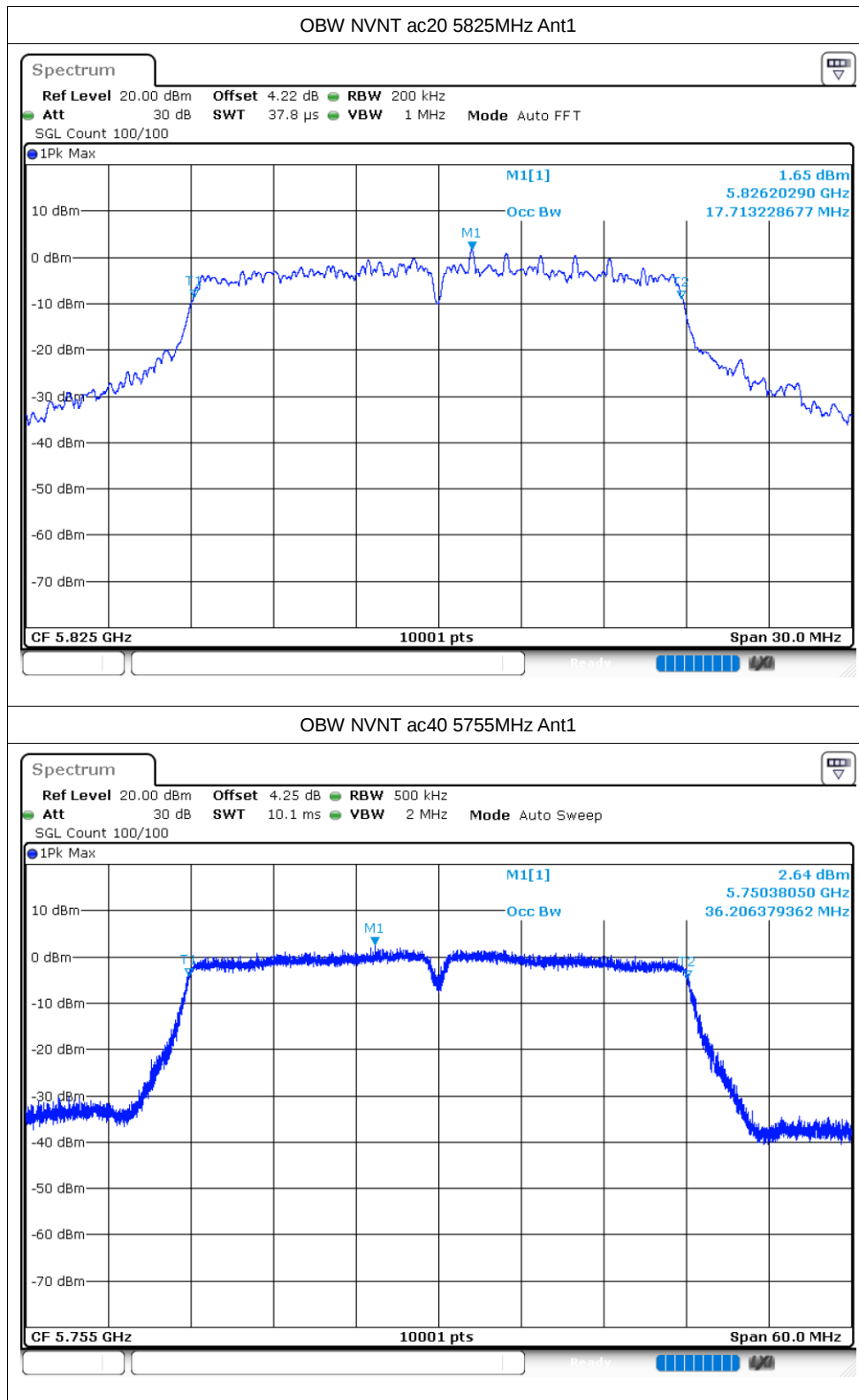


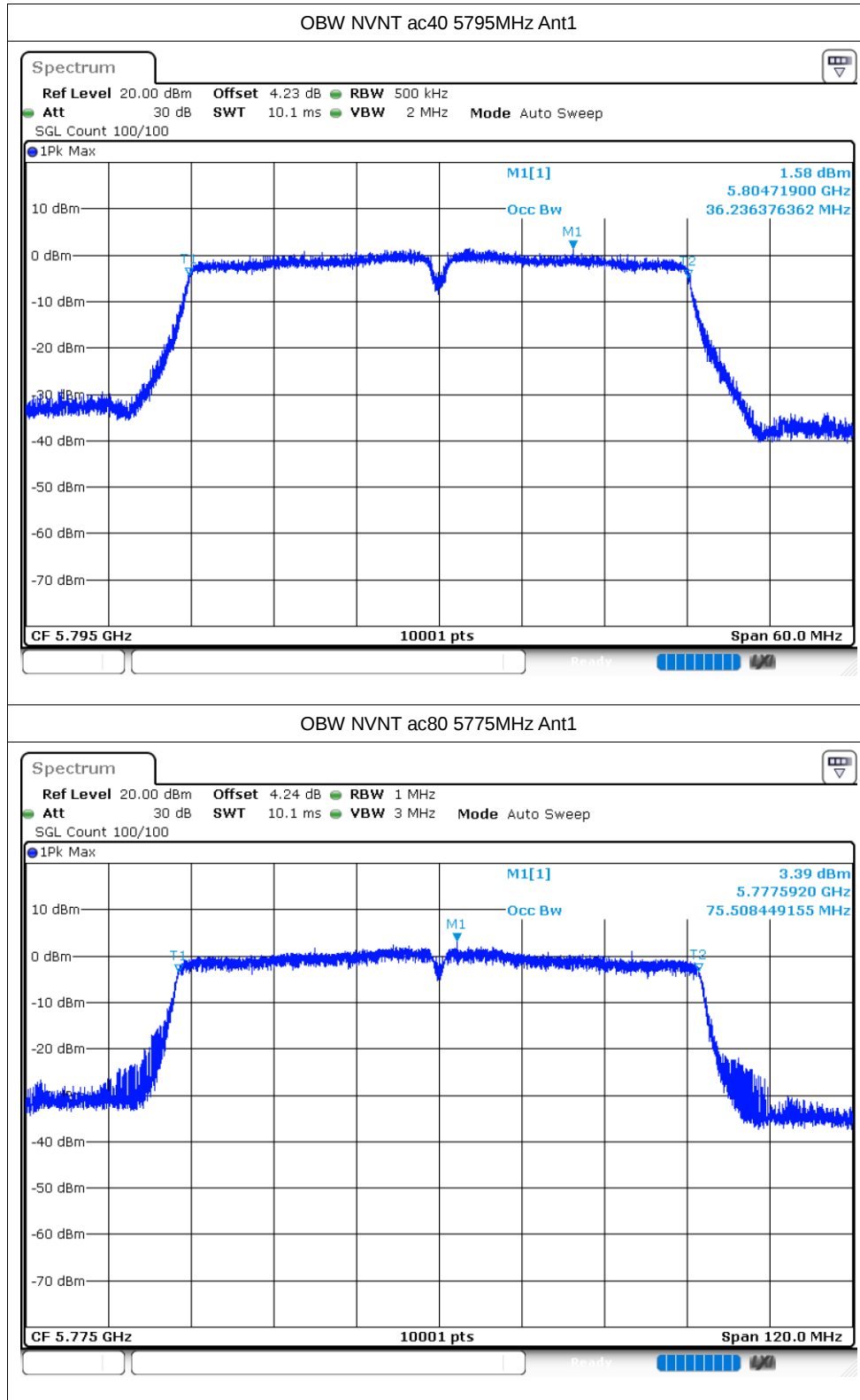










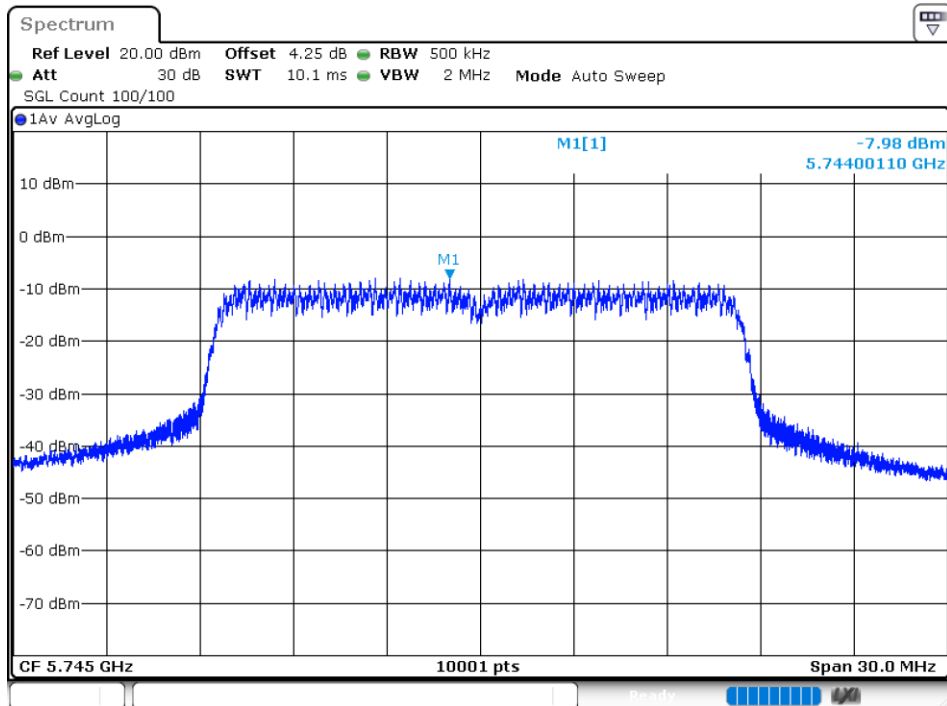


Maximum Power Spectral Density Level

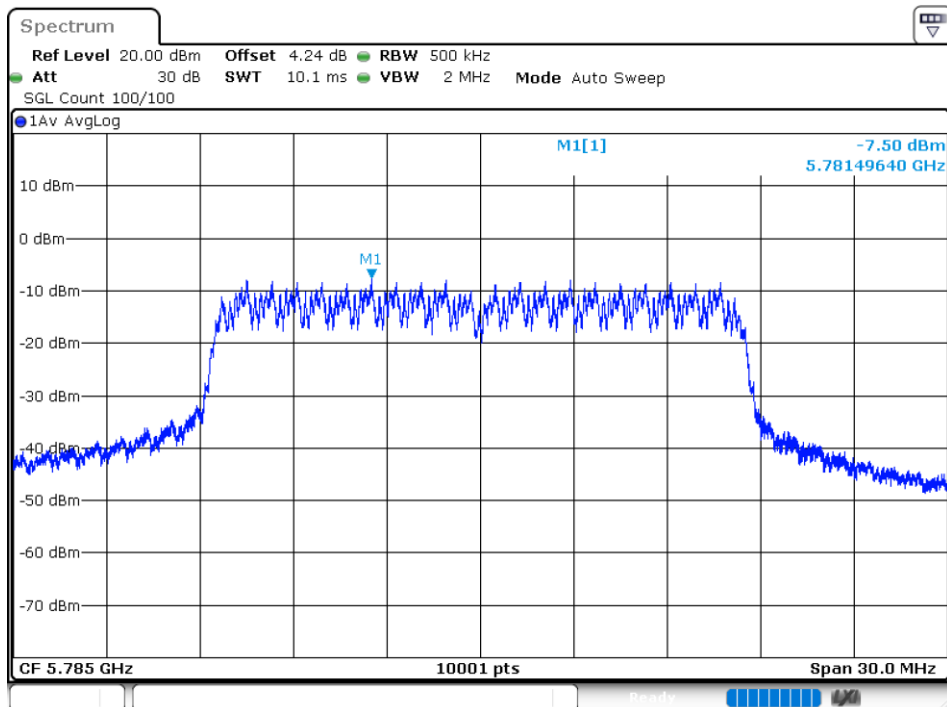
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-7.98	0.49	-7.49	30	Pass
NVNT	a	5785	Ant1	-7.5	0.32	-7.18	30	Pass
NVNT	a	5825	Ant1	-8.11	0.09	-8.02	30	Pass
NVNT	n20	5745	Ant1	-8.73	0.53	-8.2	30	Pass
NVNT	n20	5785	Ant1	-7.65	0.53	-7.12	30	Pass
NVNT	n20	5825	Ant1	-7.27	0.14	-7.13	30	Pass
NVNT	n40	5755	Ant1	-7.79	0.05	-7.74	30	Pass
NVNT	n40	5795	Ant1	-7.91	0.04	-7.87	30	Pass
NVNT	ac20	5745	Ant1	-4.81	0.06	-4.75	30	Pass
NVNT	ac20	5785	Ant1	-5.7	0.06	-5.64	30	Pass
NVNT	ac20	5825	Ant1	-4.74	0.06	-4.68	30	Pass
NVNT	ac40	5755	Ant1	-7.3	0.12	-7.18	30	Pass
NVNT	ac40	5795	Ant1	-7.93	0.12	-7.81	30	Pass
NVNT	ac80	5775	Ant1	-12.38	0.24	-12.14	30	Pass

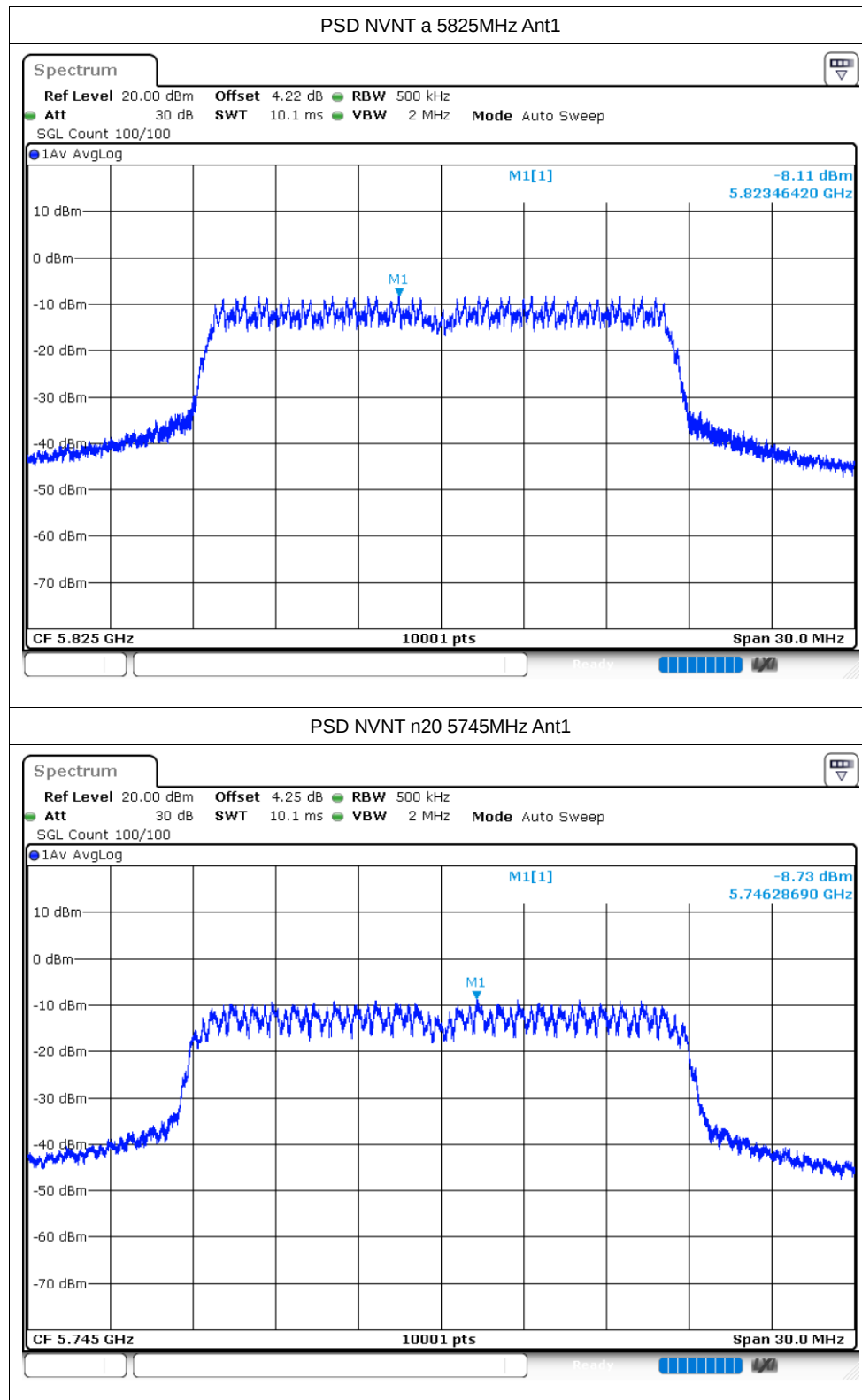
Test Graphs

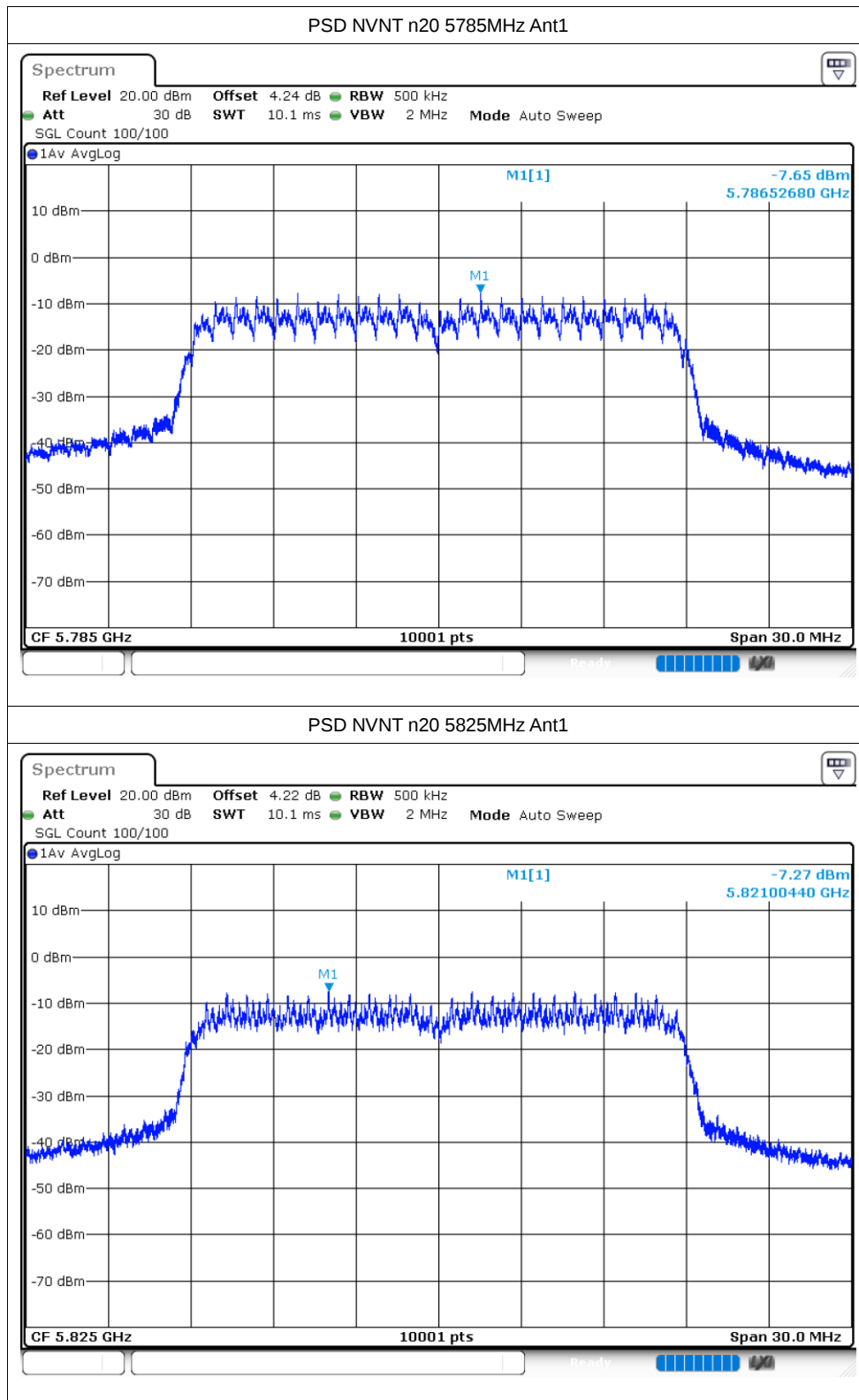
PSD NVNT a 5745MHz Ant1

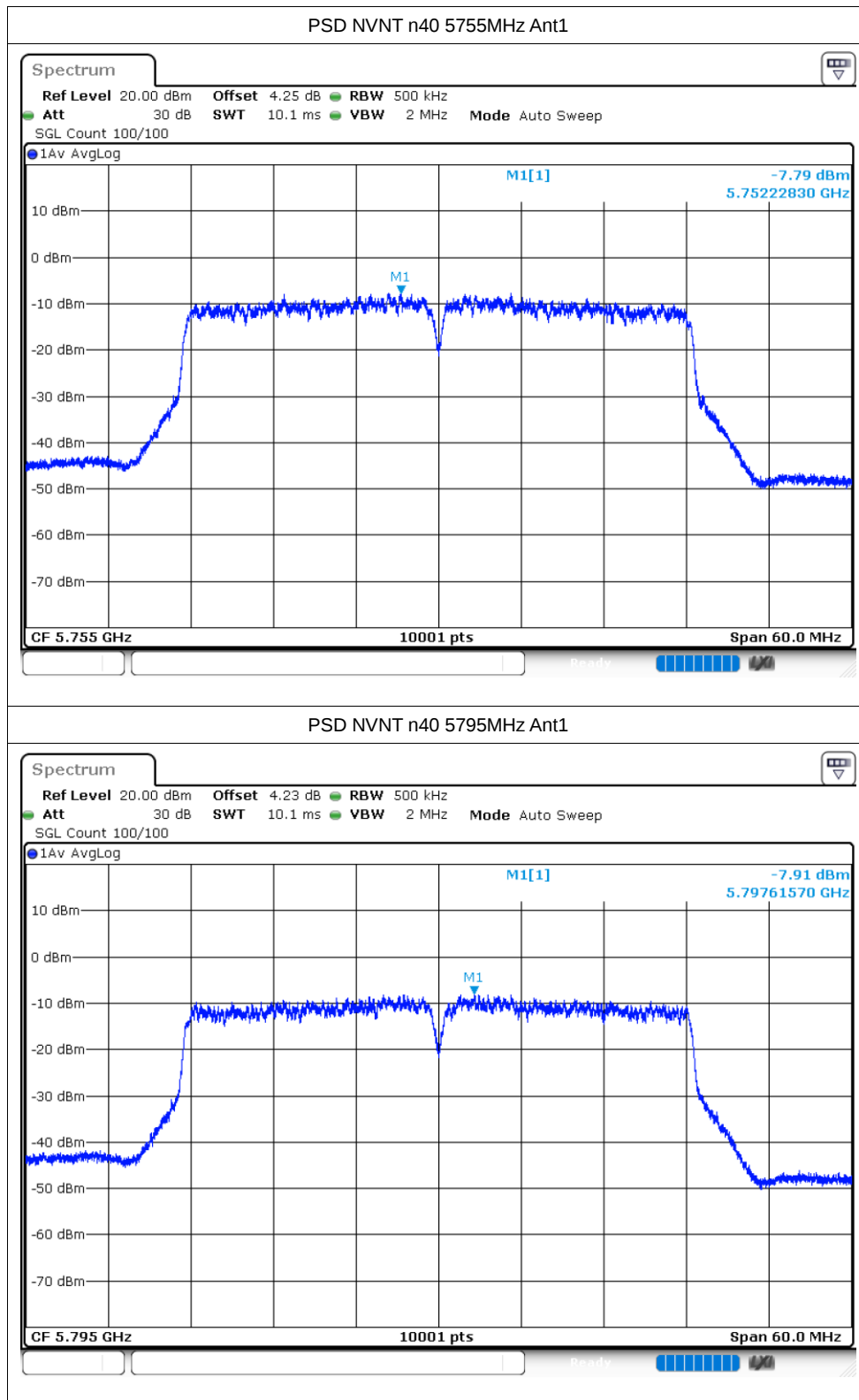


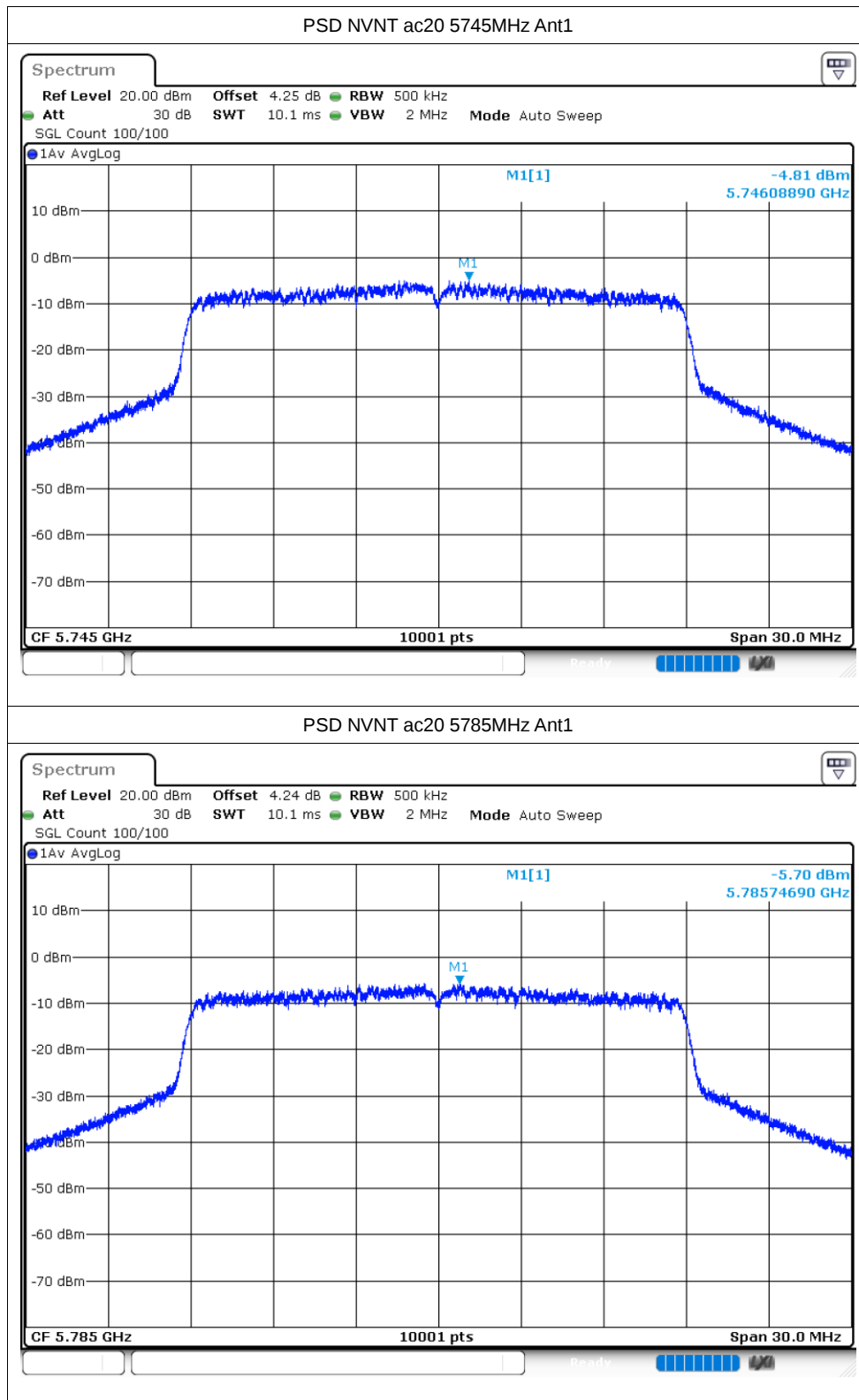
PSD NVNT a 5785MHz Ant1

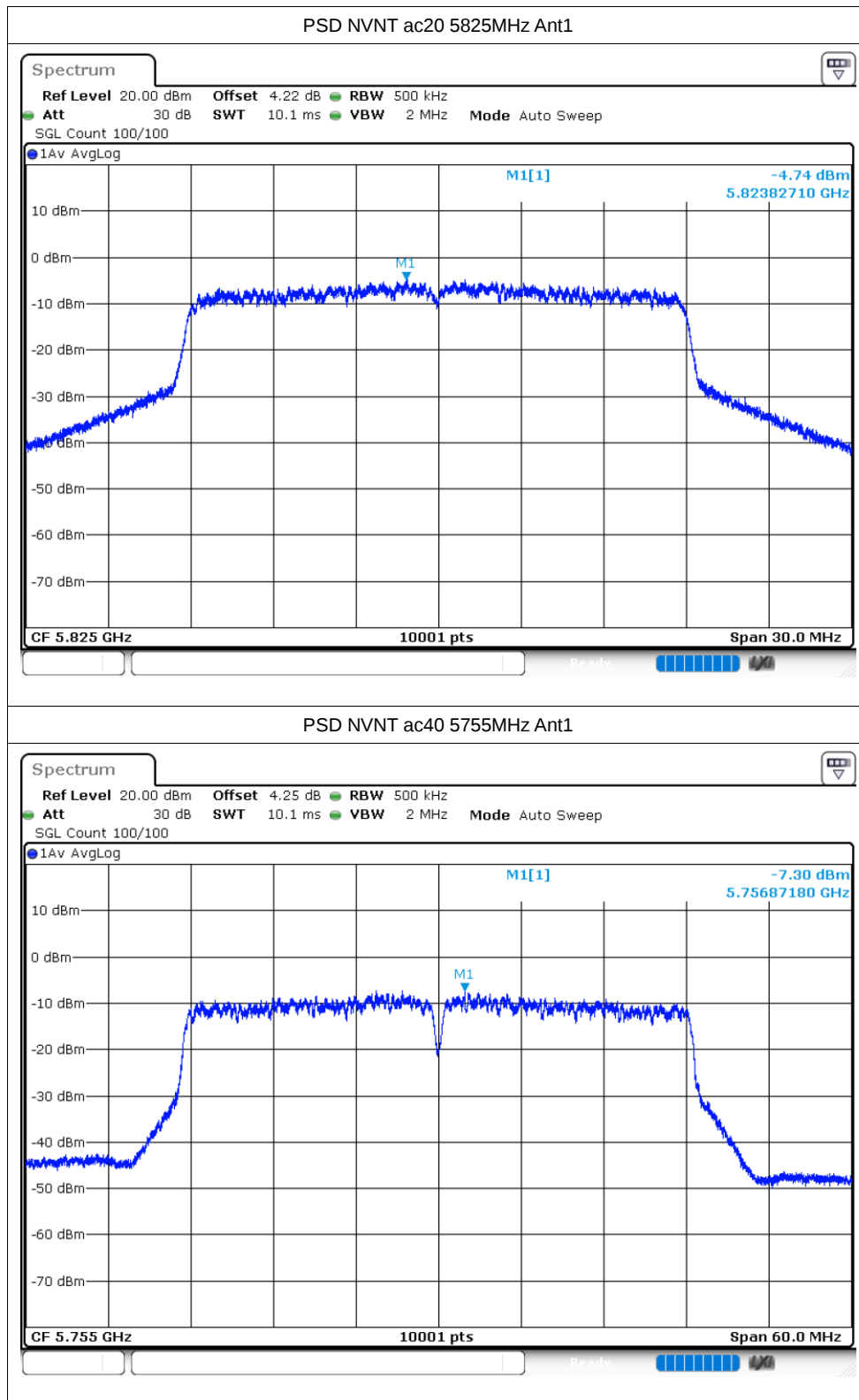


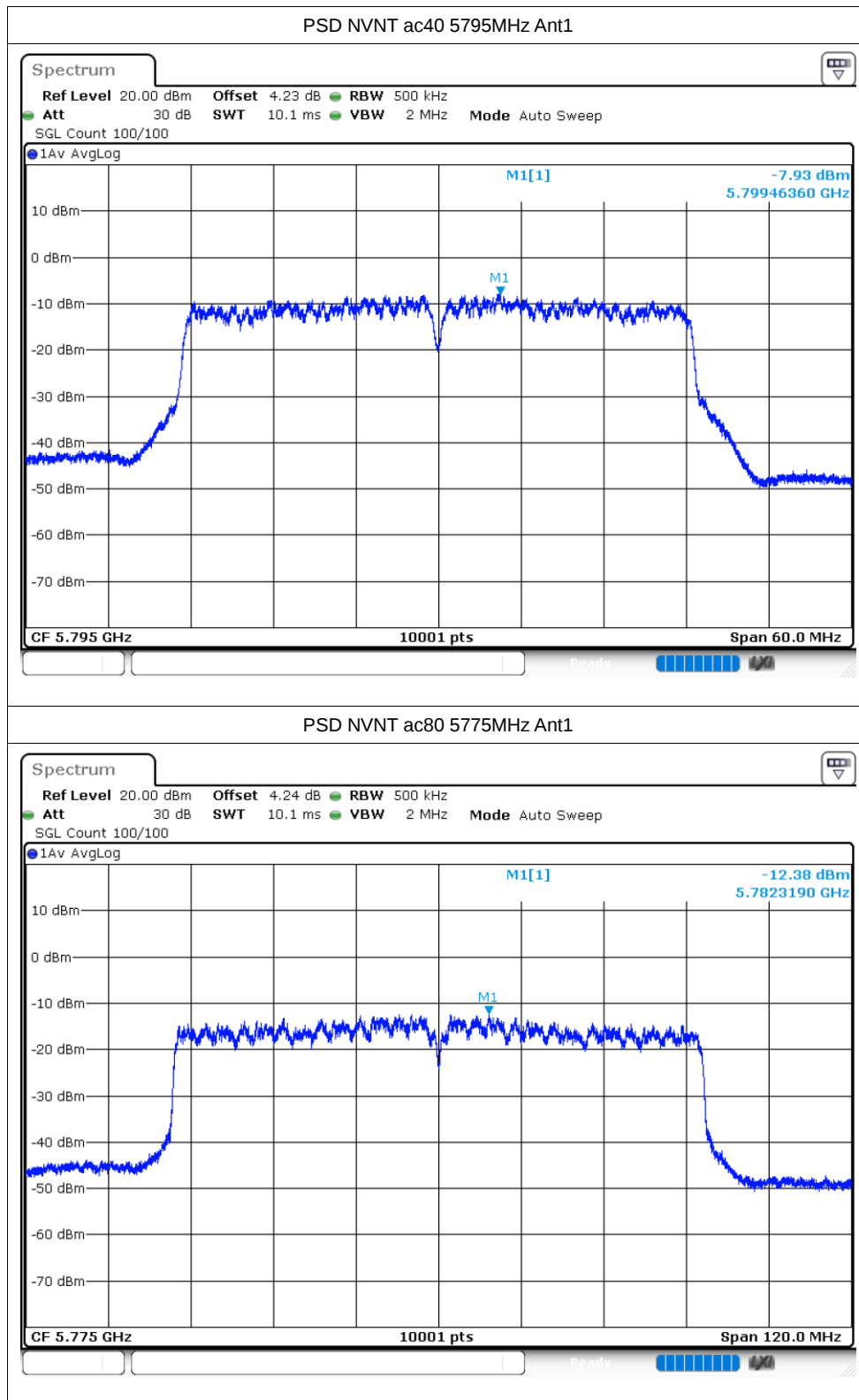












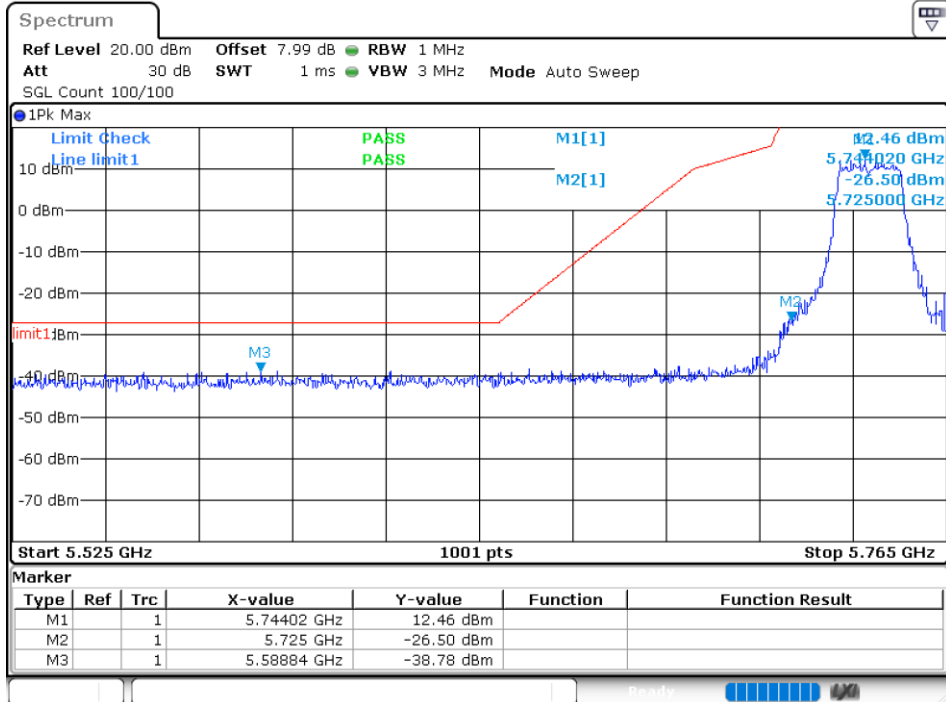
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-38.78	Pass
NVNT	a	5825	Ant1	-36.87	Pass
NVNT	n20	5745	Ant1	-38.96	Pass
NVNT	n20	5825	Ant1	-37.44	Pass
NVNT	n40	5755	Ant1	-38.48	Pass
NVNT	n40	5795	Ant1	-38	Pass
NVNT	ac20	5745	Ant1	-38.39	Pass
NVNT	ac20	5825	Ant1	-37.3	Pass
NVNT	ac40	5755	Ant1	-38.83	Pass
NVNT	ac40	5795	Ant1	-37.59	Pass
NVNT	ac80	5775	Ant1	-28.28	Pass
NVNT	ac80	5775	Ant1	-37.16	Pass

Note: This test has increased antenna gain.

Test Graphs

Band Edge NVNT a 5745MHz Low Ant1



Band Edge NVNT a 5825MHz High Ant1

