

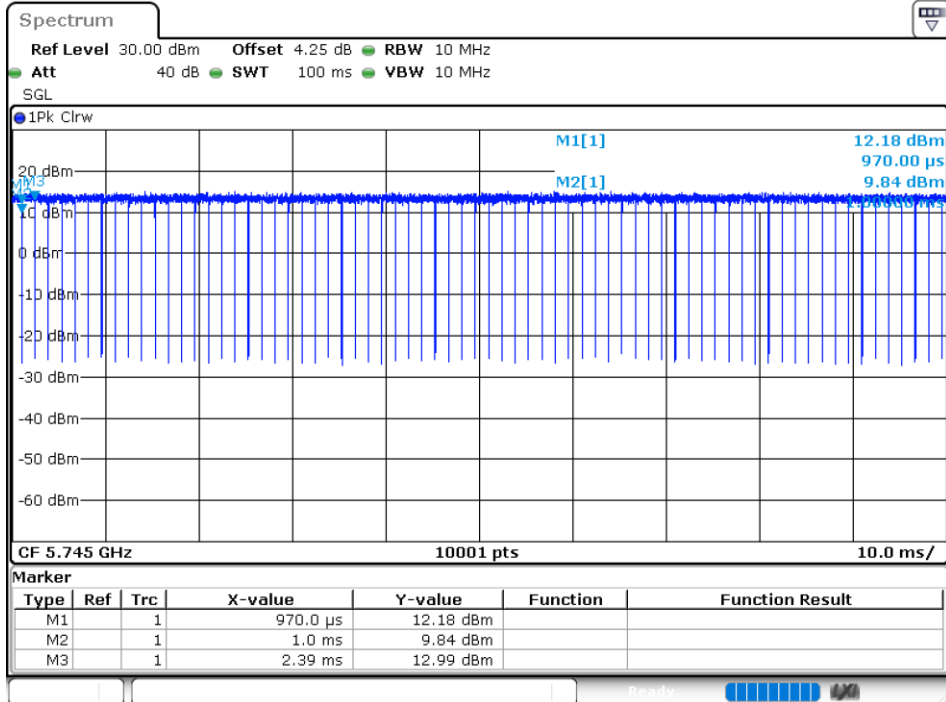
WIFI 5.8G:

Duty Cycle

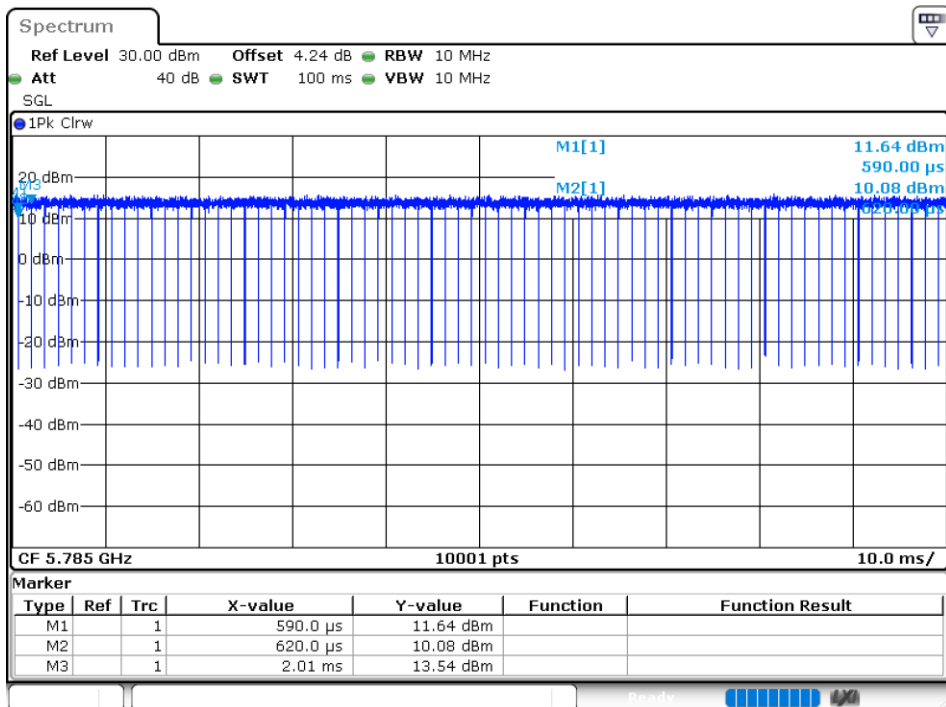
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	98.2	0.08	0.72
NVNT	a	5785	Ant1	98.2	0.08	0.72
NVNT	a	5825	Ant1	98.18	0.08	0.72
NVNT	n20	5745	Ant1	98.06	0.09	0.77
NVNT	n20	5785	Ant1	98.05	0.09	0.77
NVNT	n20	5825	Ant1	98.06	0.09	0.77
NVNT	n40	5755	Ant1	96.33	0.16	1.56
NVNT	n40	5795	Ant1	96.35	0.16	1.54
NVNT	ac20	5745	Ant1	98.07	0.08	0.76
NVNT	ac20	5785	Ant1	98.05	0.09	0.76
NVNT	ac20	5825	Ant1	98.07	0.08	0.76
NVNT	ac40	5755	Ant1	96.37	0.16	1.54
NVNT	ac40	5795	Ant1	96.39	0.16	1.54
NVNT	ac80	5775	Ant1	93.11	0.31	3.12

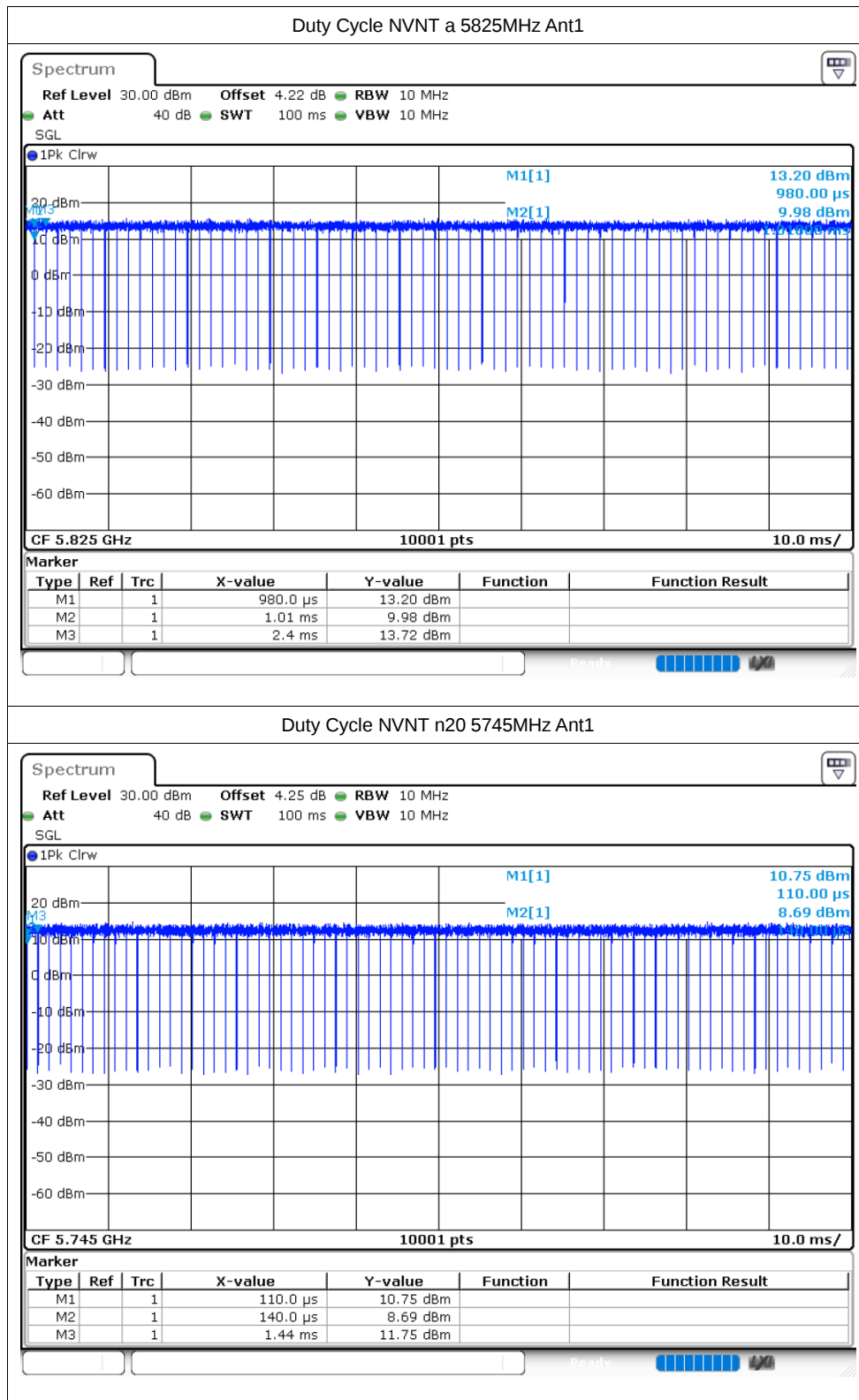
Test Graphs

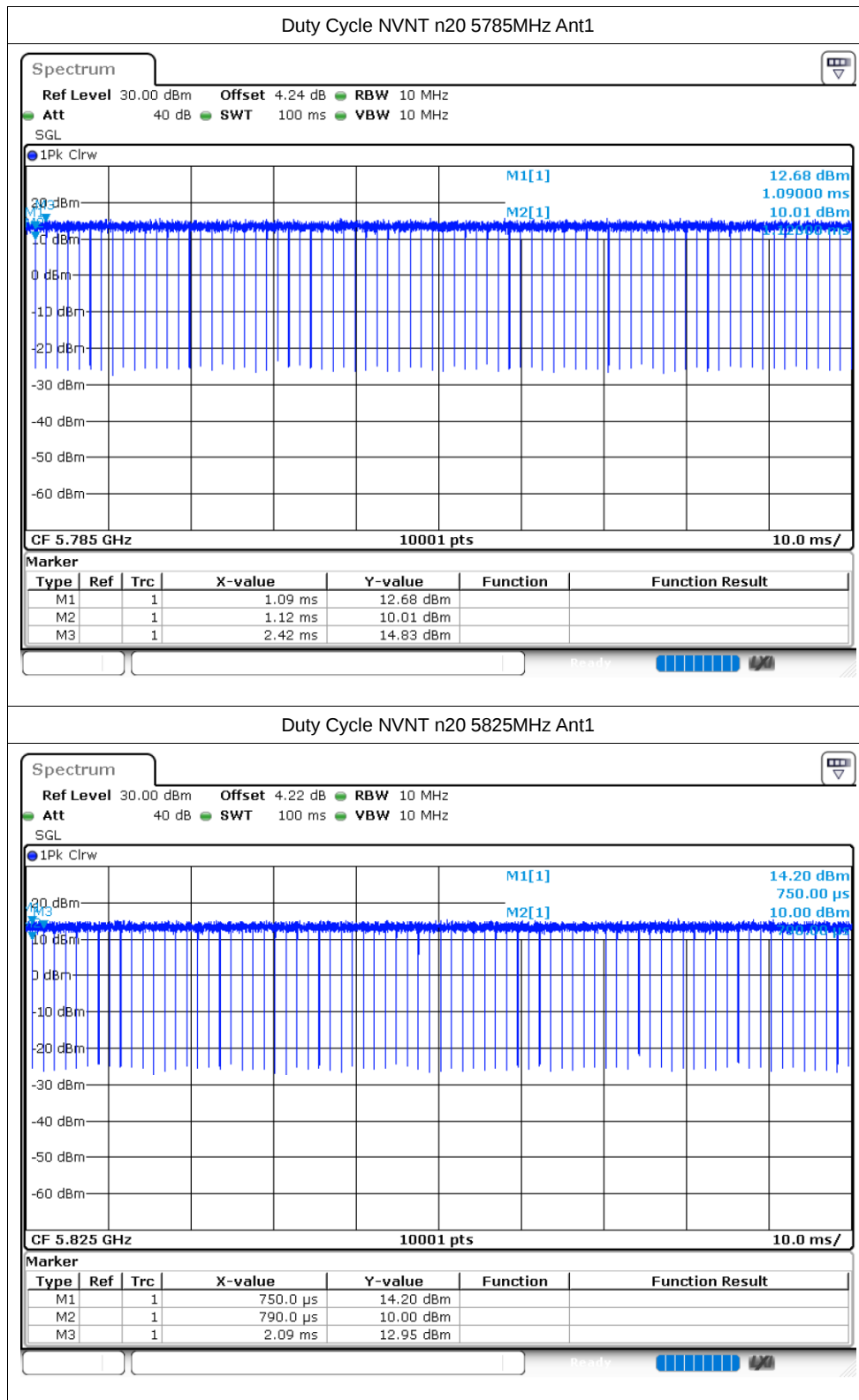
Duty Cycle NVNT a 5745MHz Ant1

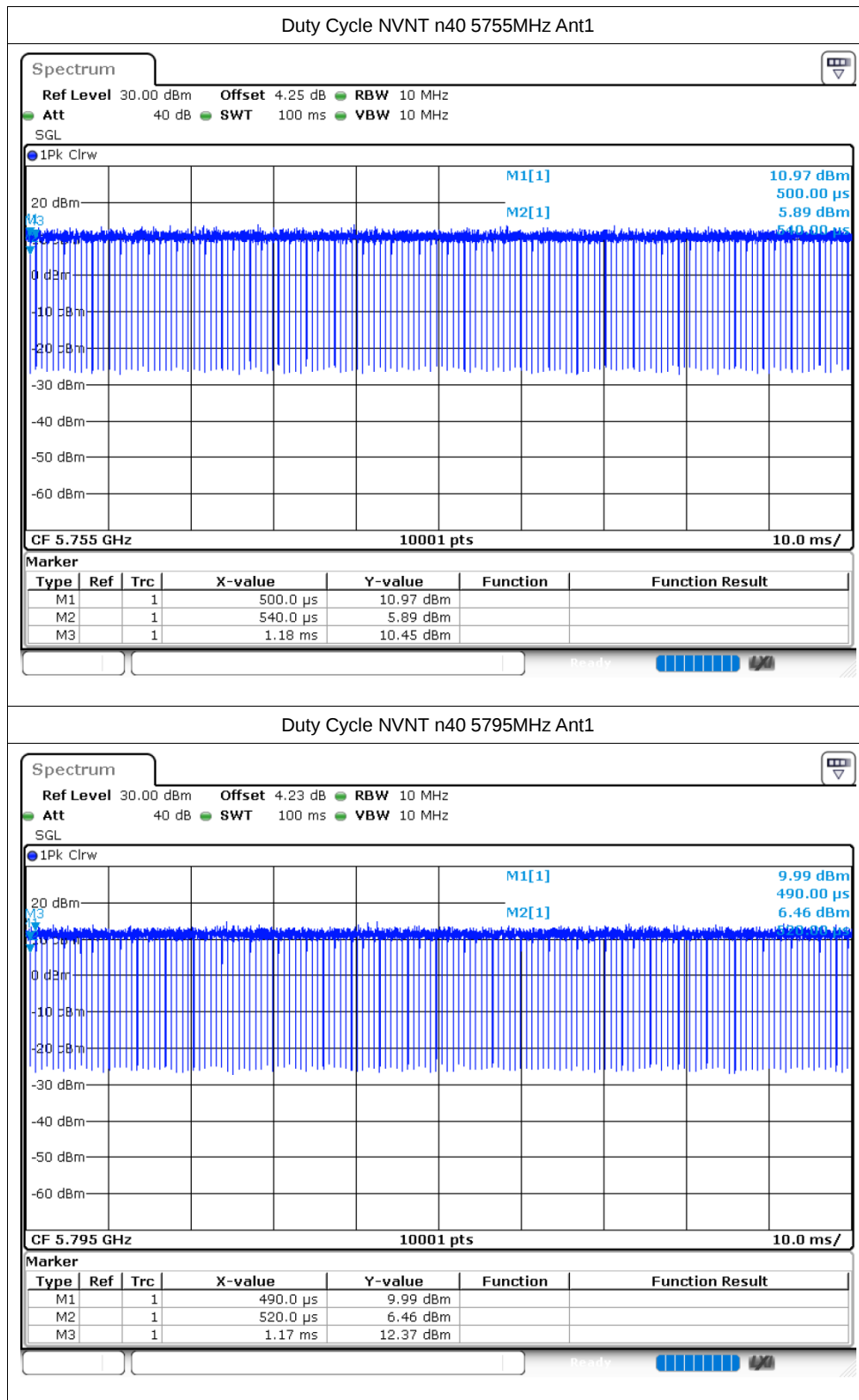


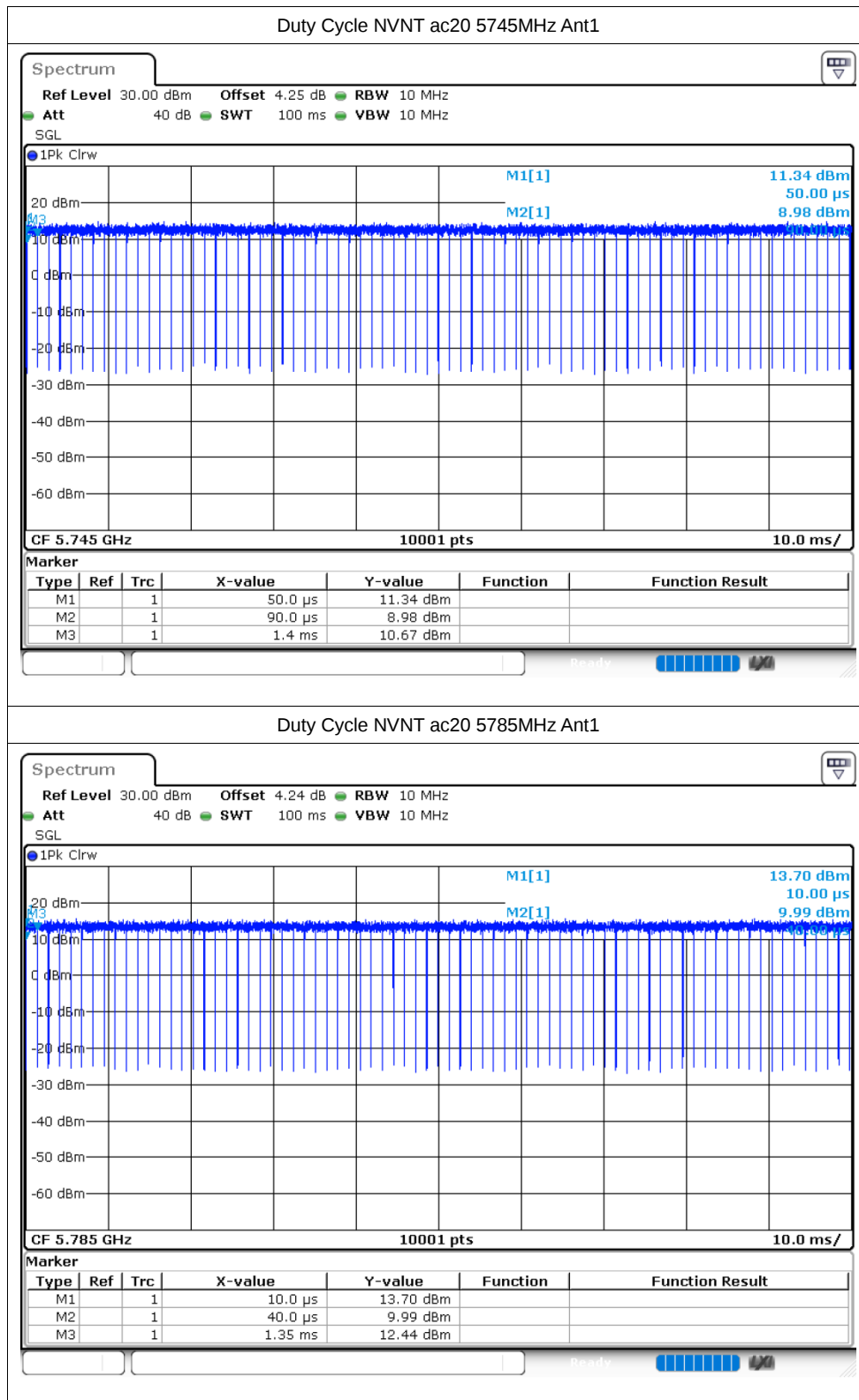
Duty Cycle NVNT a 5785MHz Ant1

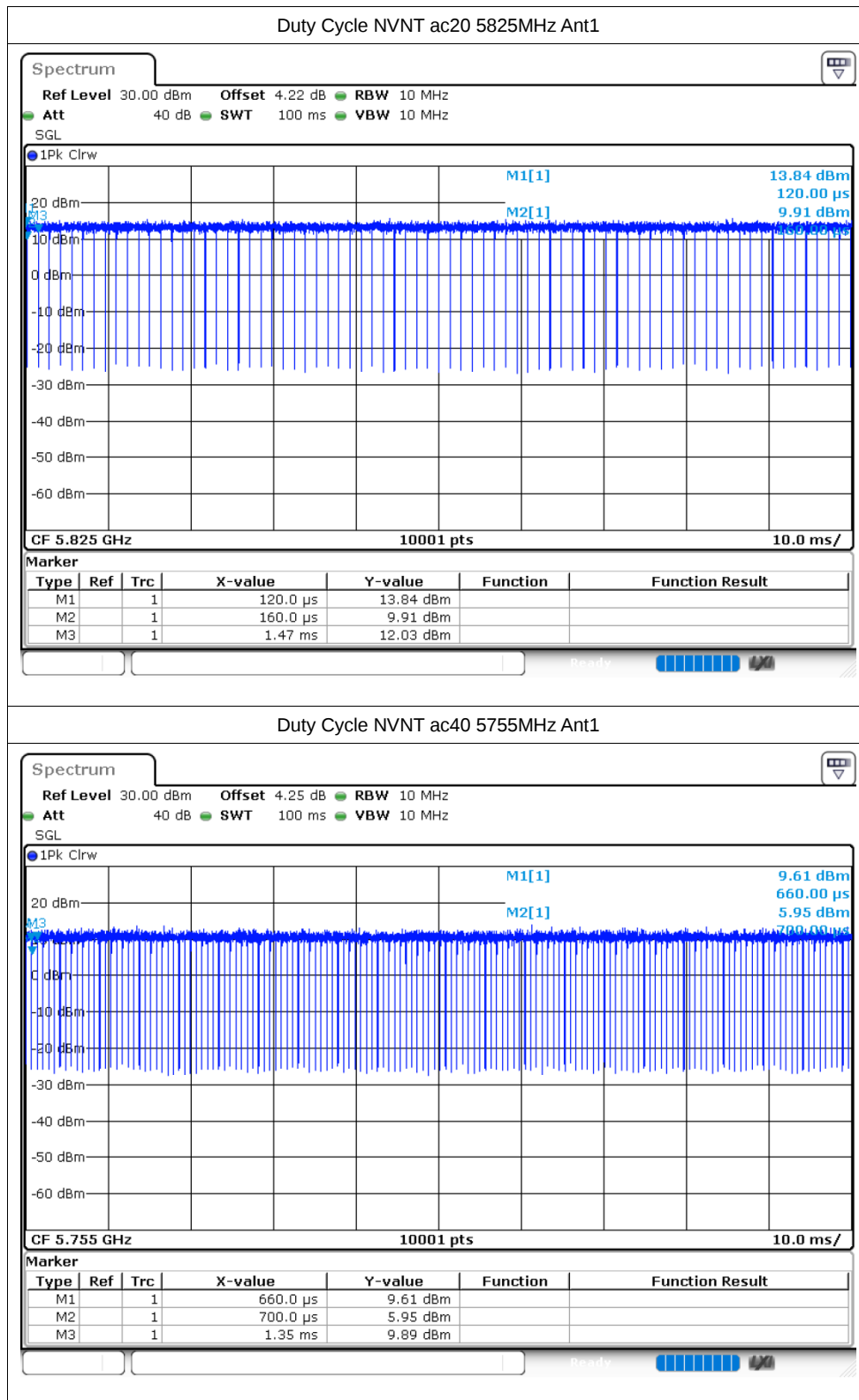


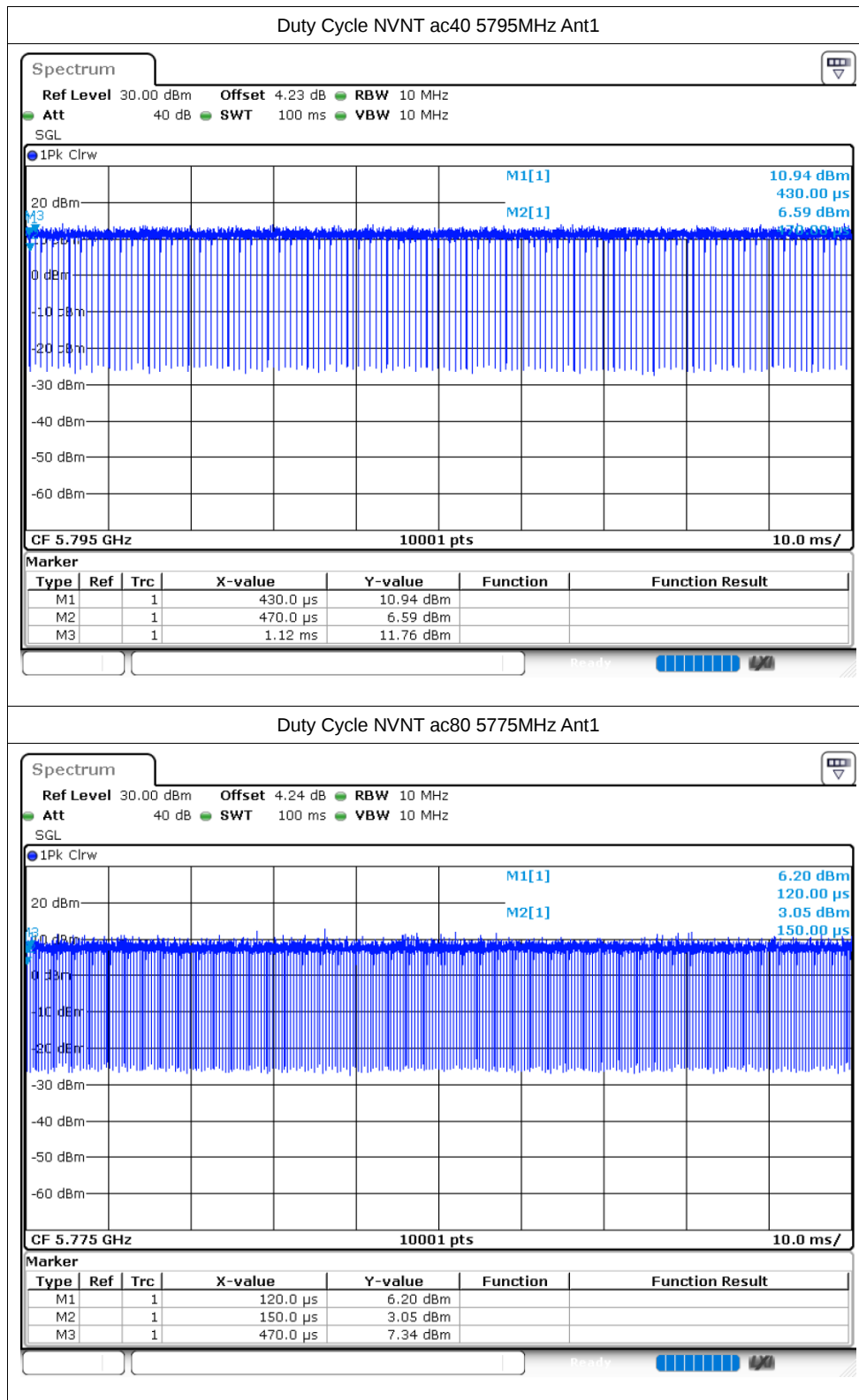












Maximum Conducted Output Power

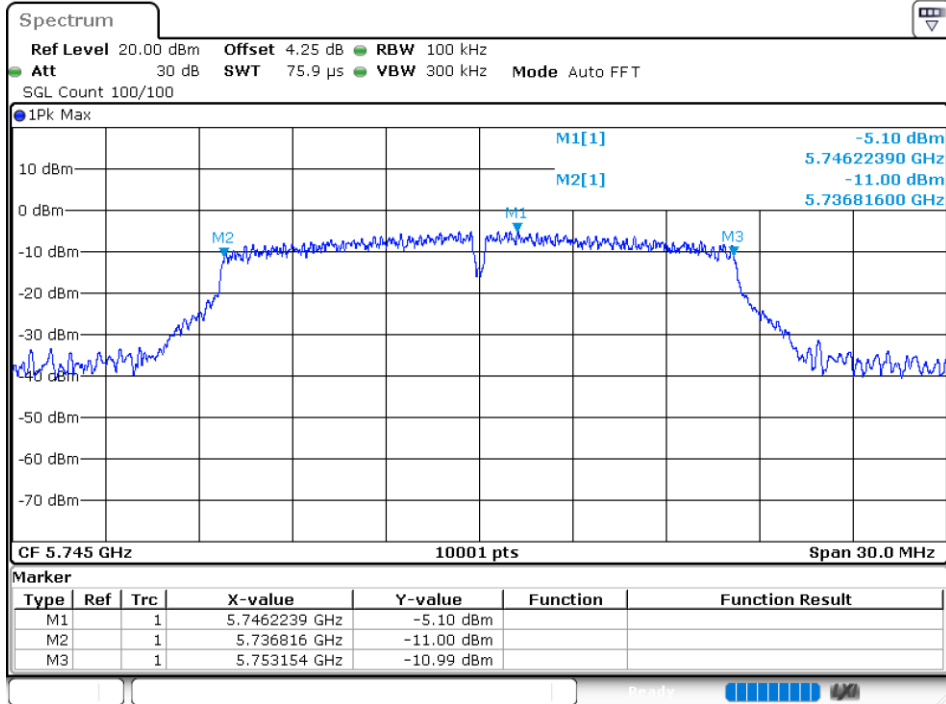
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.39	30	Pass
NVNT	a	5785	Ant1	9.53	30	Pass
NVNT	a	5825	Ant1	9.45	30	Pass
NVNT	n20	5745	Ant1	9.38	30	Pass
NVNT	n20	5785	Ant1	9.35	30	Pass
NVNT	n20	5825	Ant1	9.24	30	Pass
NVNT	n40	5755	Ant1	9.19	30	Pass
NVNT	n40	5795	Ant1	9.23	30	Pass
NVNT	ac20	5745	Ant1	9.12	30	Pass
NVNT	ac20	5785	Ant1	9.35	30	Pass
NVNT	ac20	5825	Ant1	9.11	30	Pass
NVNT	ac40	5755	Ant1	9.28	30	Pass
NVNT	ac40	5795	Ant1	9.34	30	Pass
NVNT	ac80	5775	Ant1	9.18	30	Pass

-6dB Bandwidth

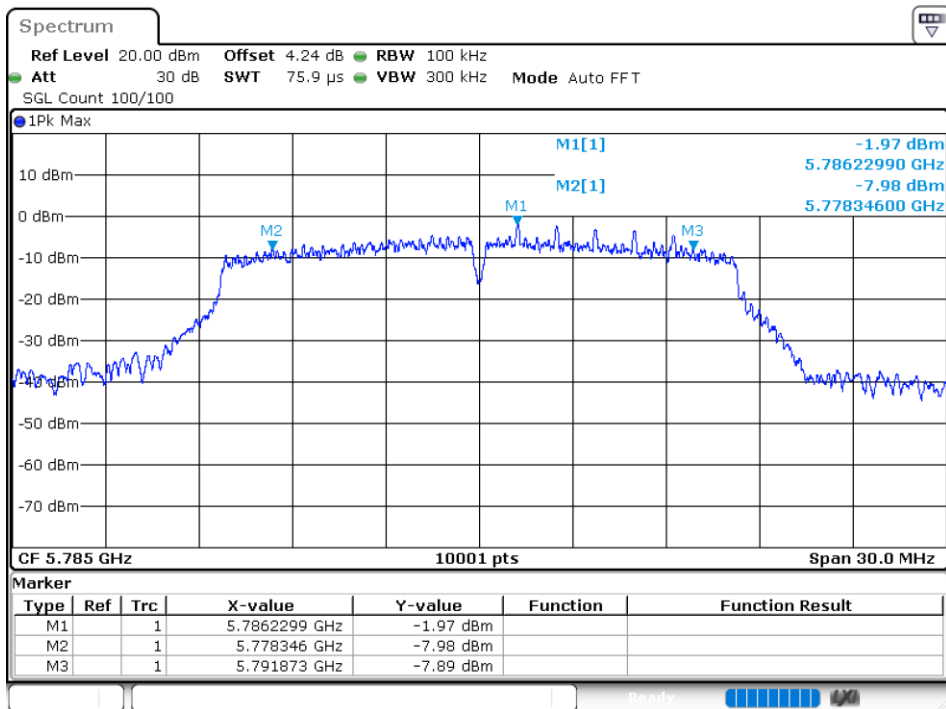
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.338	0.5	Pass
NVNT	a	5785	Ant1	13.527	0.5	Pass
NVNT	a	5825	Ant1	13.467	0.5	Pass
NVNT	n20	5745	Ant1	15.012	0.5	Pass
NVNT	n20	5785	Ant1	17.553	0.5	Pass
NVNT	n20	5825	Ant1	12.492	0.5	Pass
NVNT	n40	5755	Ant1	35.046	0.5	Pass
NVNT	n40	5795	Ant1	35.022	0.5	Pass
NVNT	ac20	5745	Ant1	12.579	0.5	Pass
NVNT	ac20	5785	Ant1	17.565	0.5	Pass
NVNT	ac20	5825	Ant1	16.524	0.5	Pass
NVNT	ac40	5755	Ant1	35.064	0.5	Pass
NVNT	ac40	5795	Ant1	33.84	0.5	Pass
NVNT	ac80	5775	Ant1	73.824	0.5	Pass

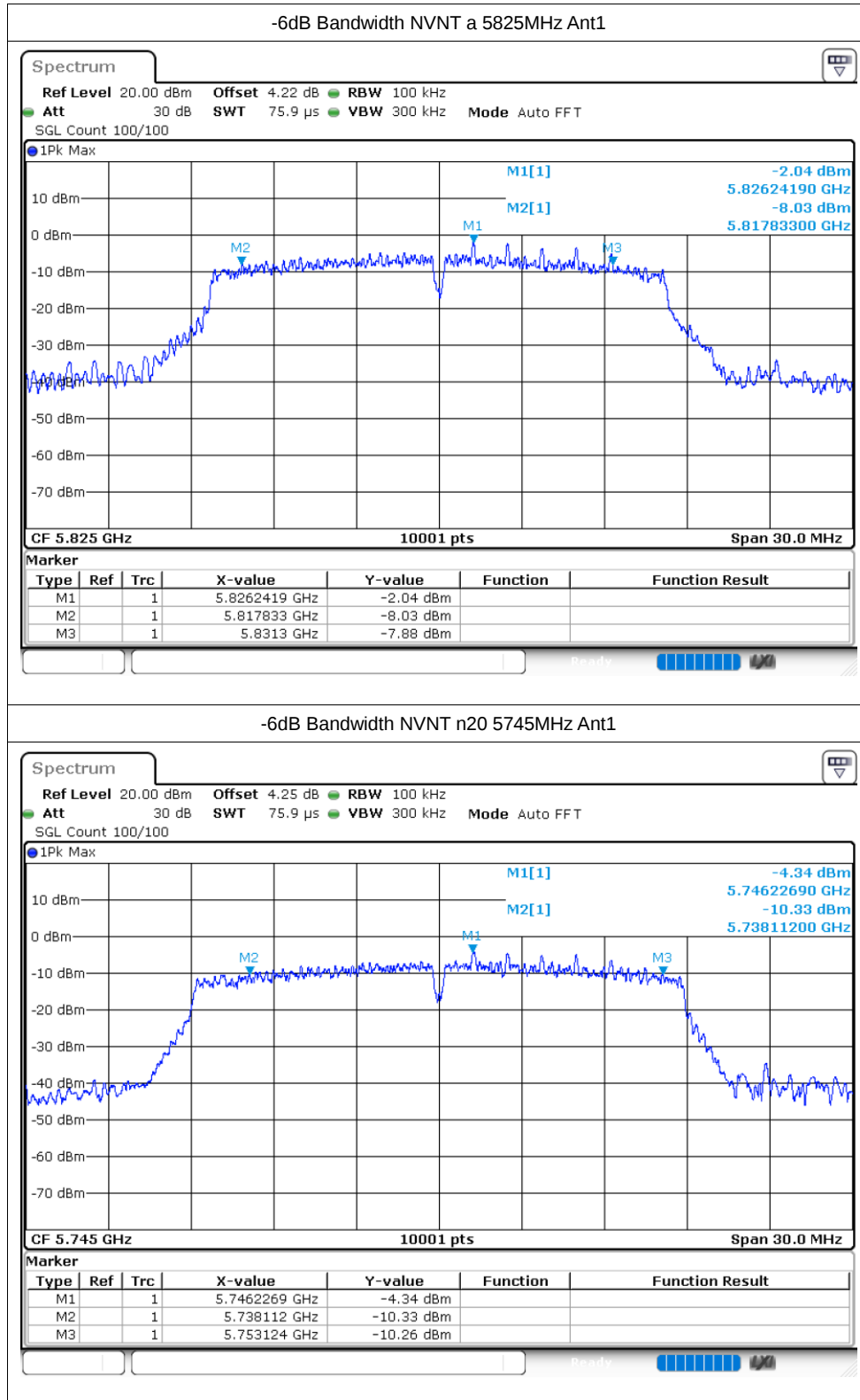
Test Graphs

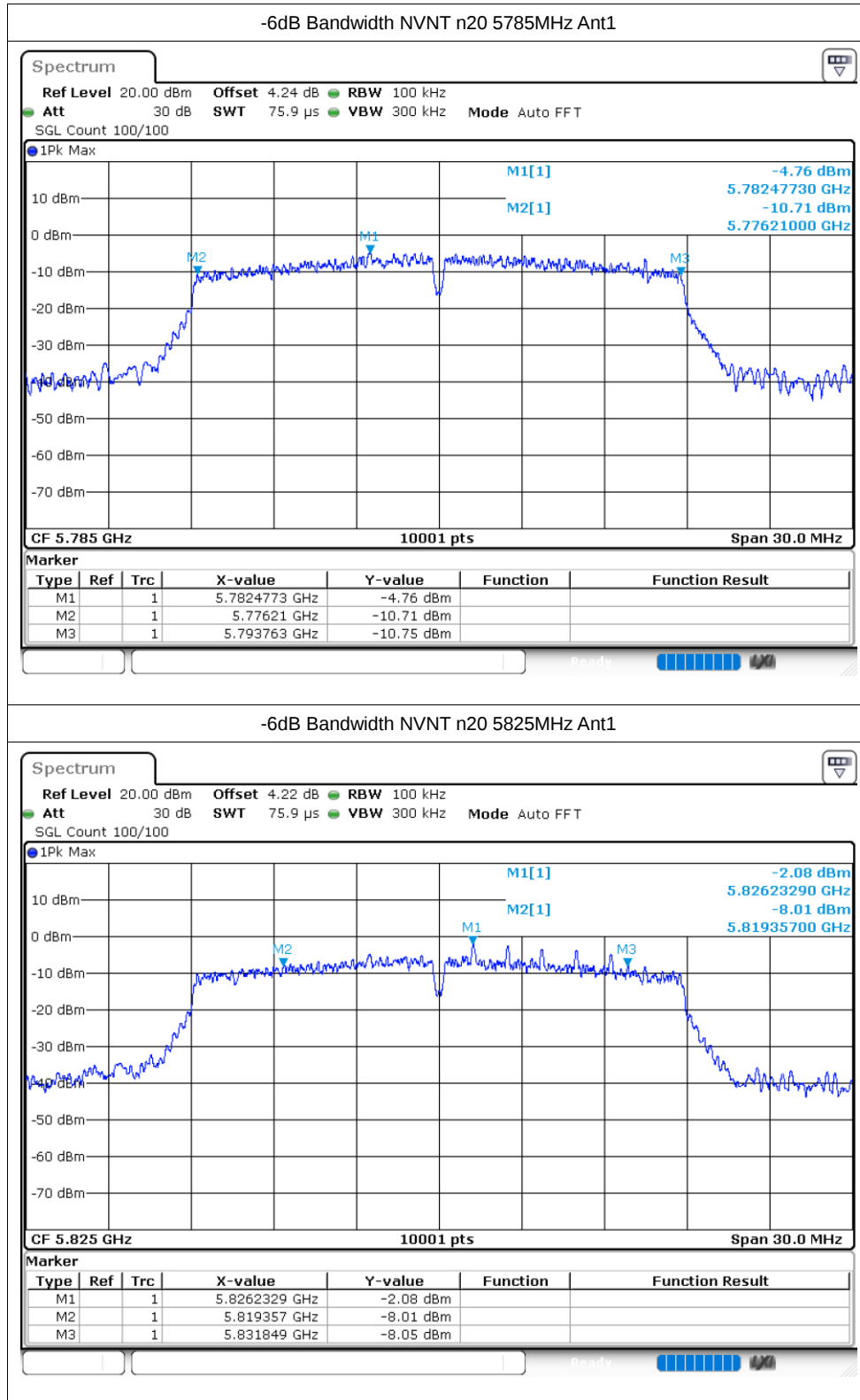
-6dB Bandwidth NVNT a 5745MHz Ant1

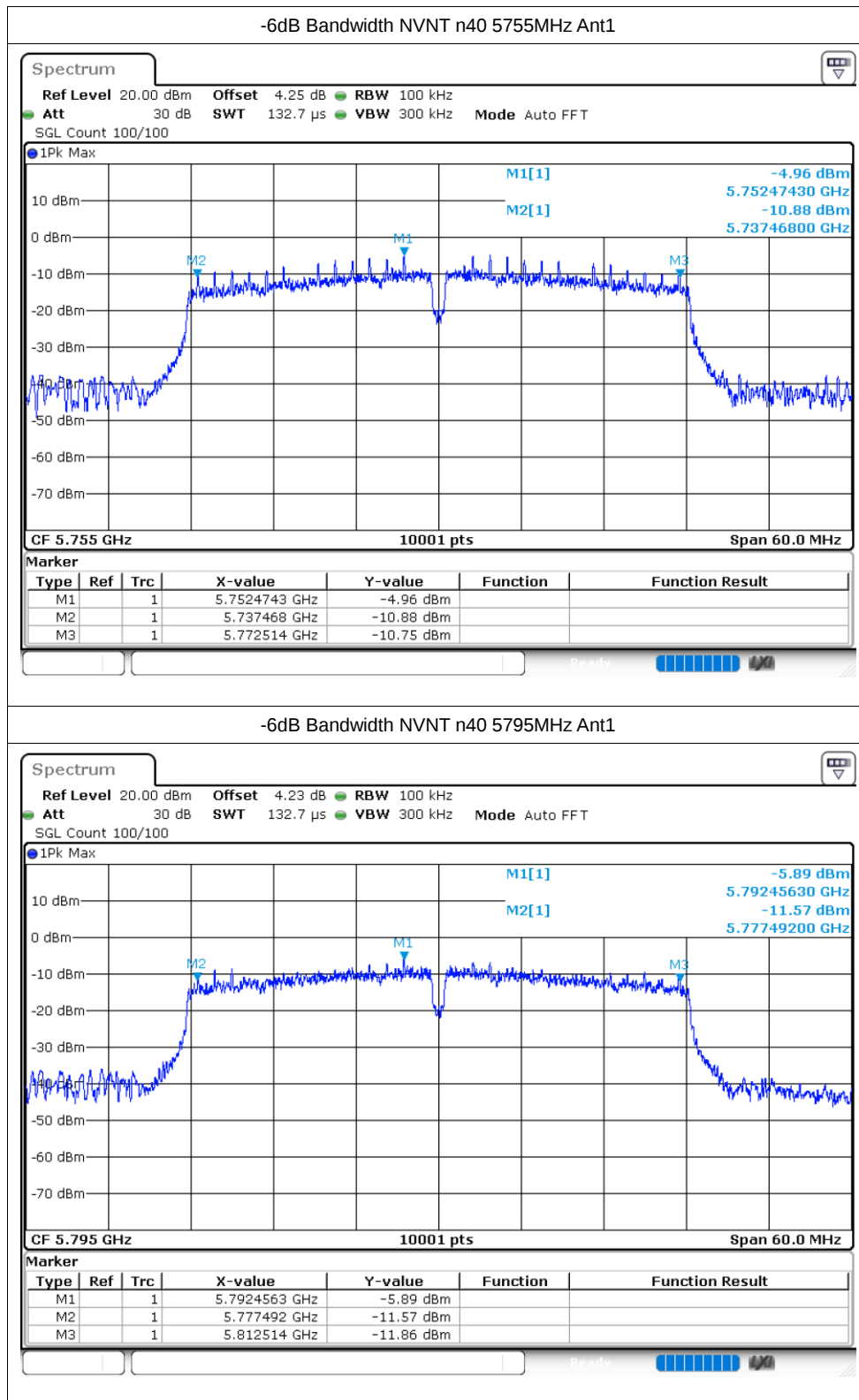


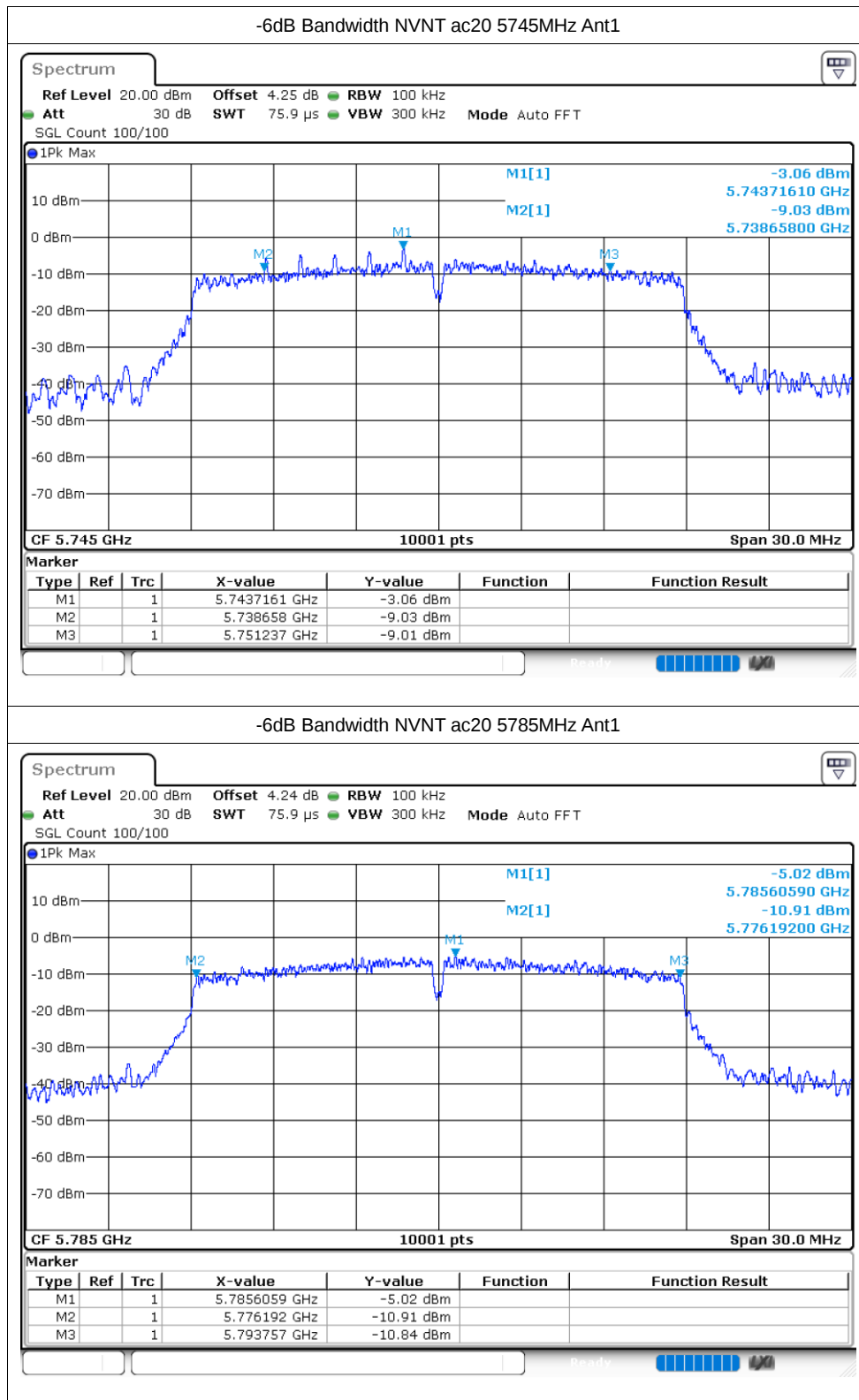
-6dB Bandwidth NVNT a 5785MHz Ant1

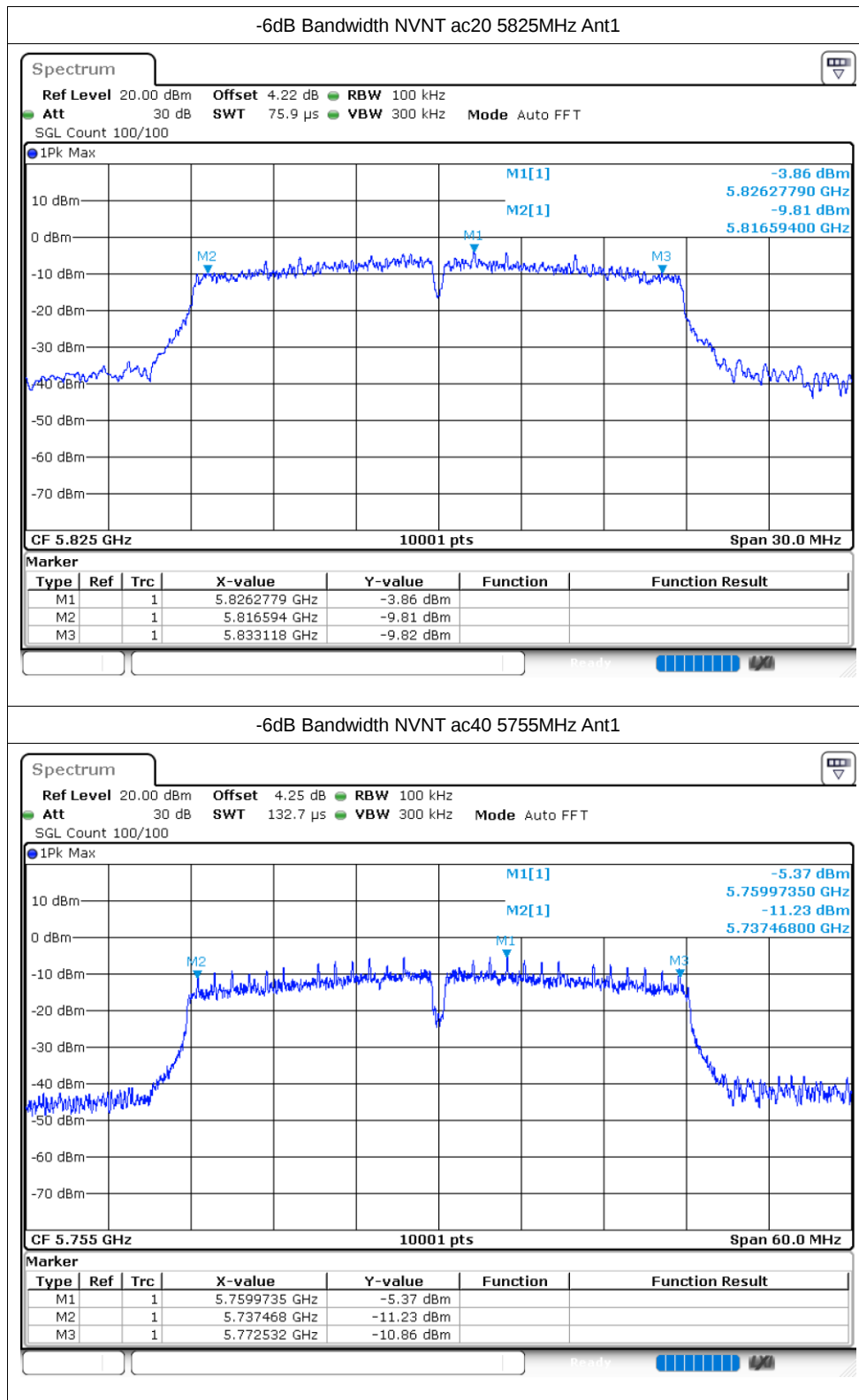


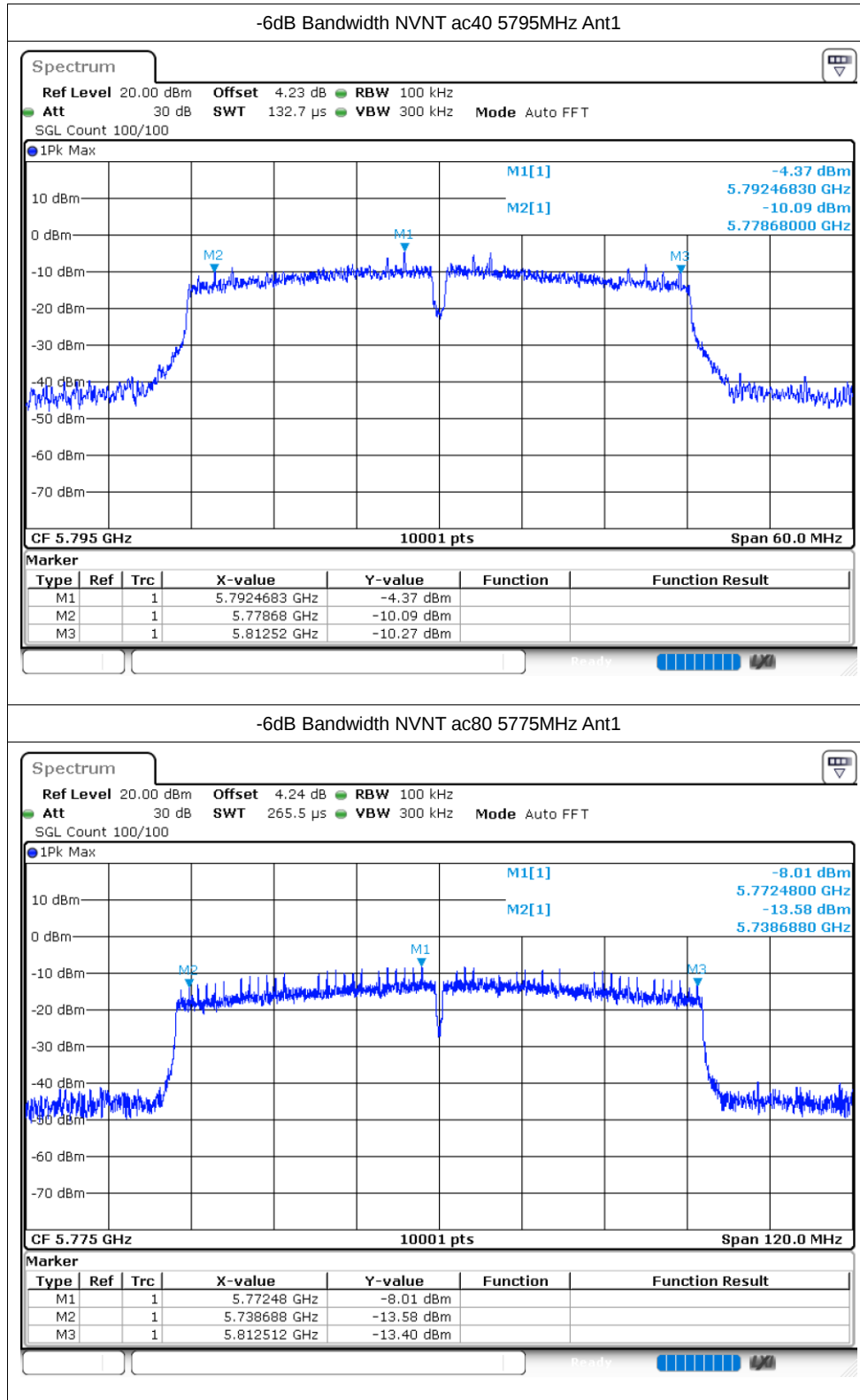










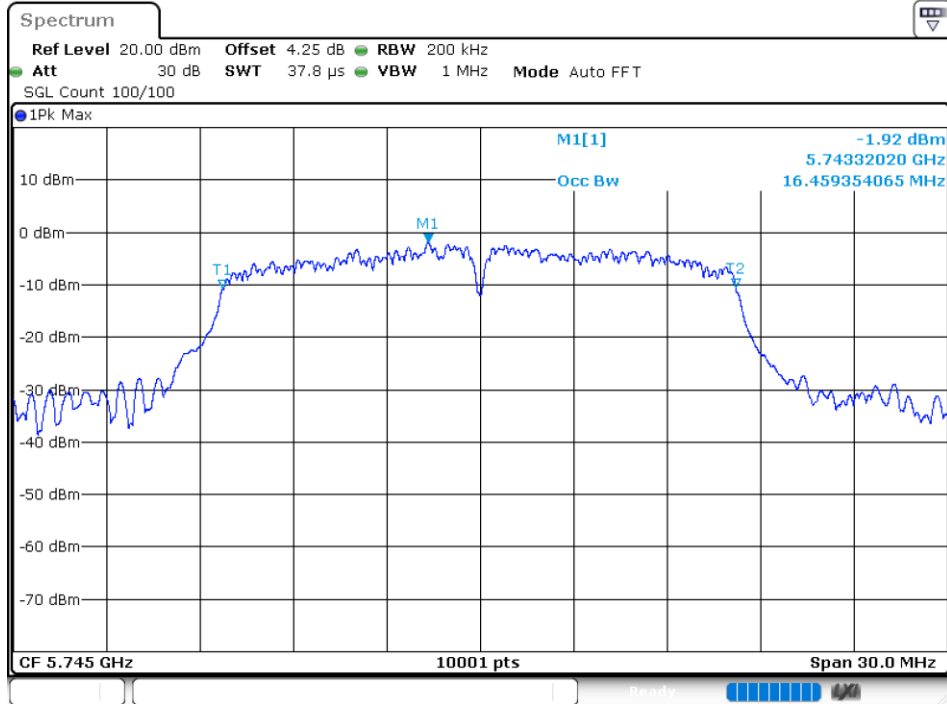


Occupied Channel Bandwidth

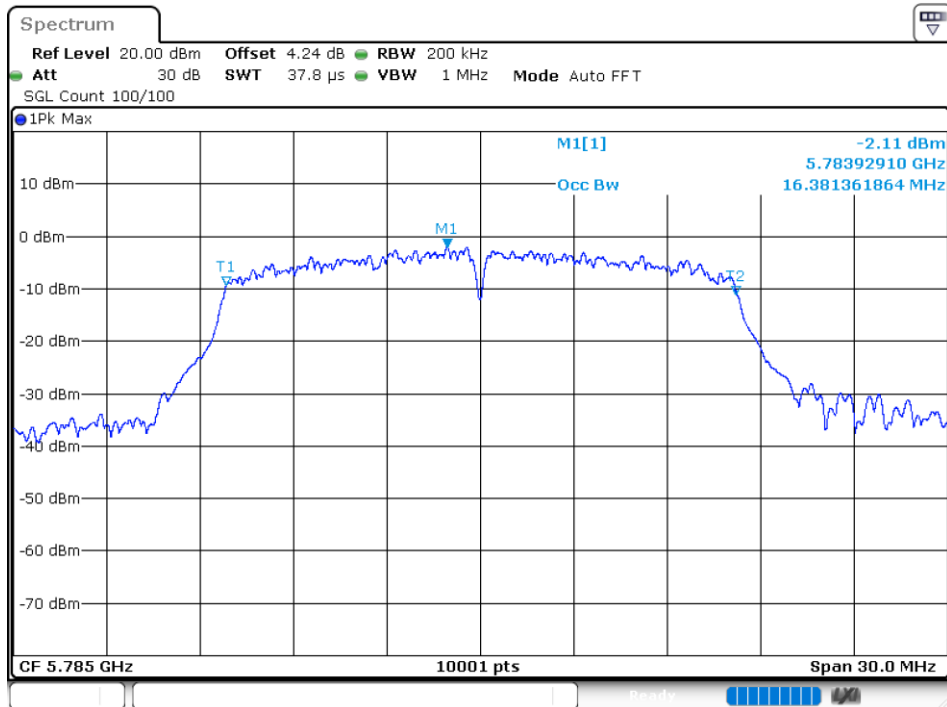
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.459
NVNT	a	5785	Ant1	16.381
NVNT	a	5825	Ant1	16.384
NVNT	n20	5745	Ant1	17.533
NVNT	n20	5785	Ant1	17.509
NVNT	n20	5825	Ant1	17.509
NVNT	n40	5755	Ant1	36.044
NVNT	n40	5795	Ant1	36.074
NVNT	ac20	5745	Ant1	17.605
NVNT	ac20	5785	Ant1	17.626
NVNT	ac20	5825	Ant1	17.539
NVNT	ac40	5755	Ant1	36.068
NVNT	ac40	5795	Ant1	36.026
NVNT	ac80	5775	Ant1	75.076

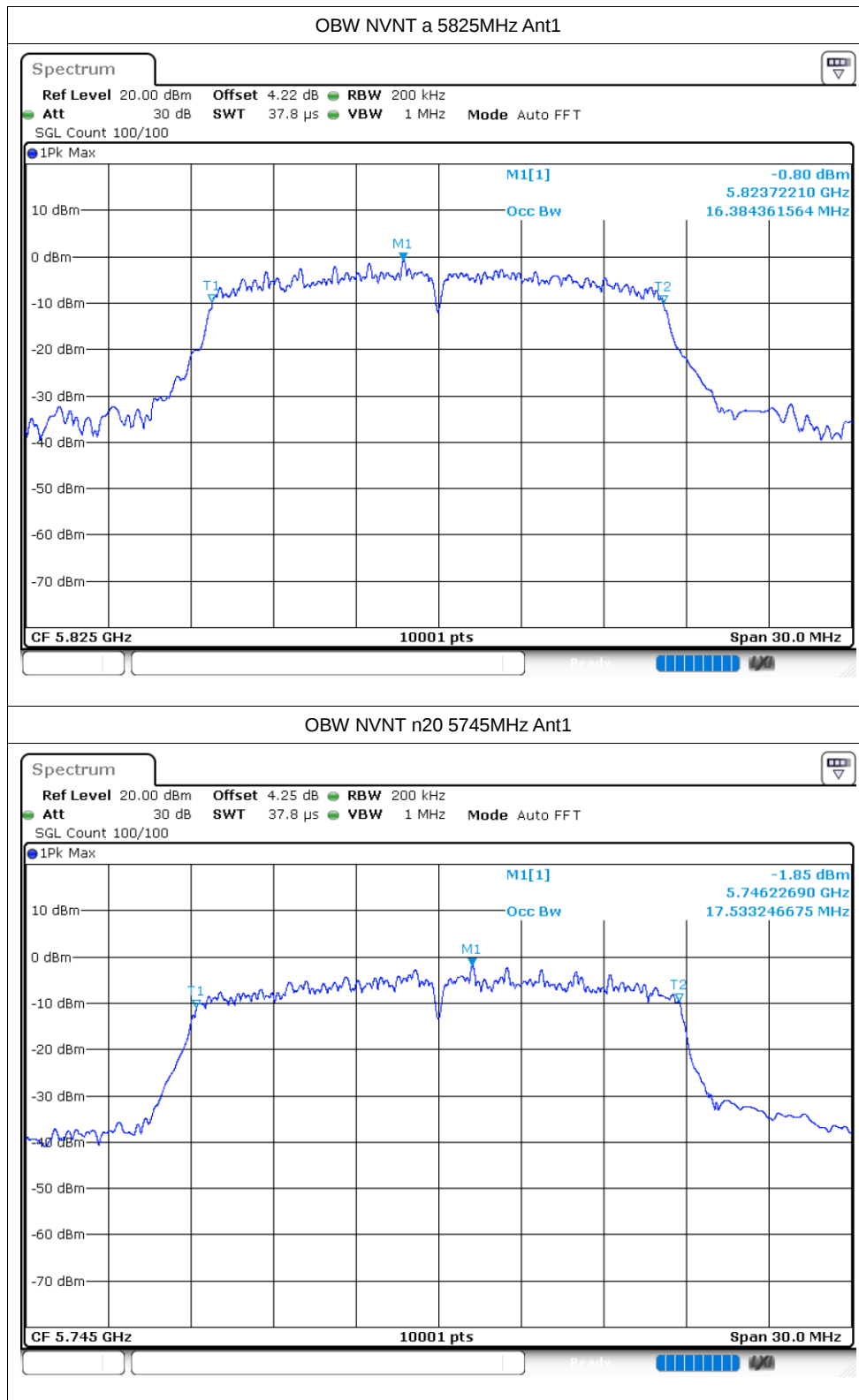
Test Graphs

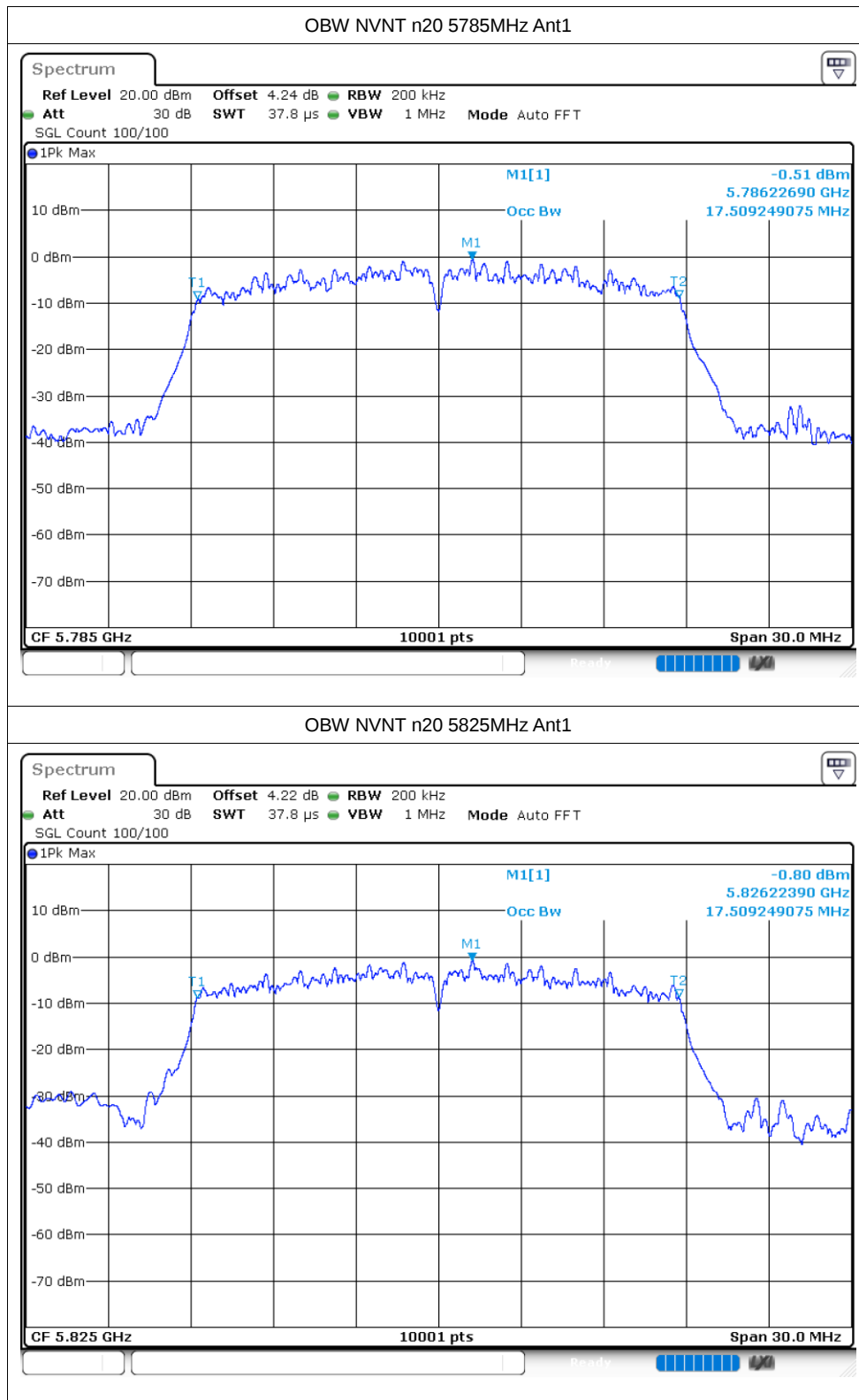
OBW NVNT a 5745MHz Ant1

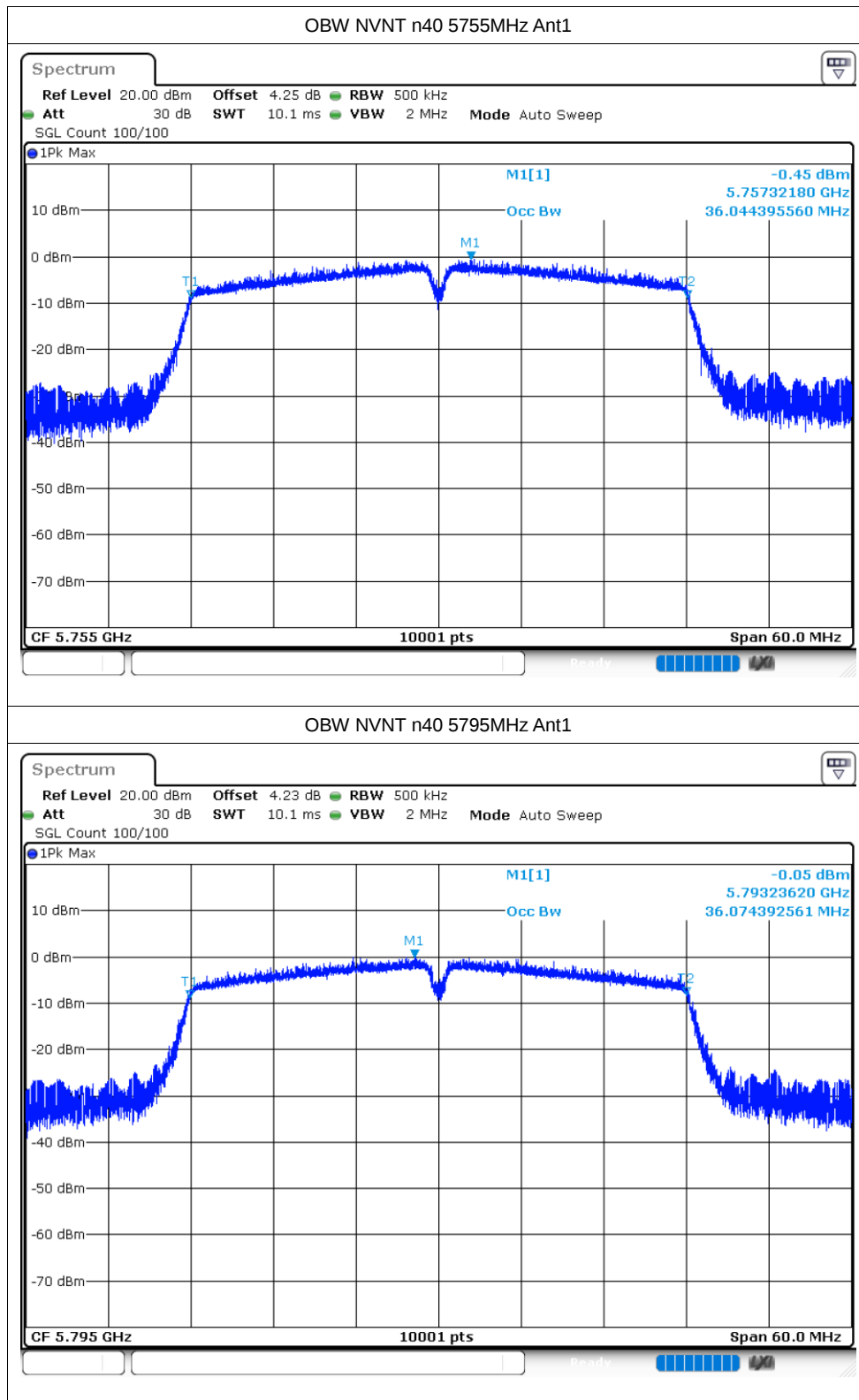


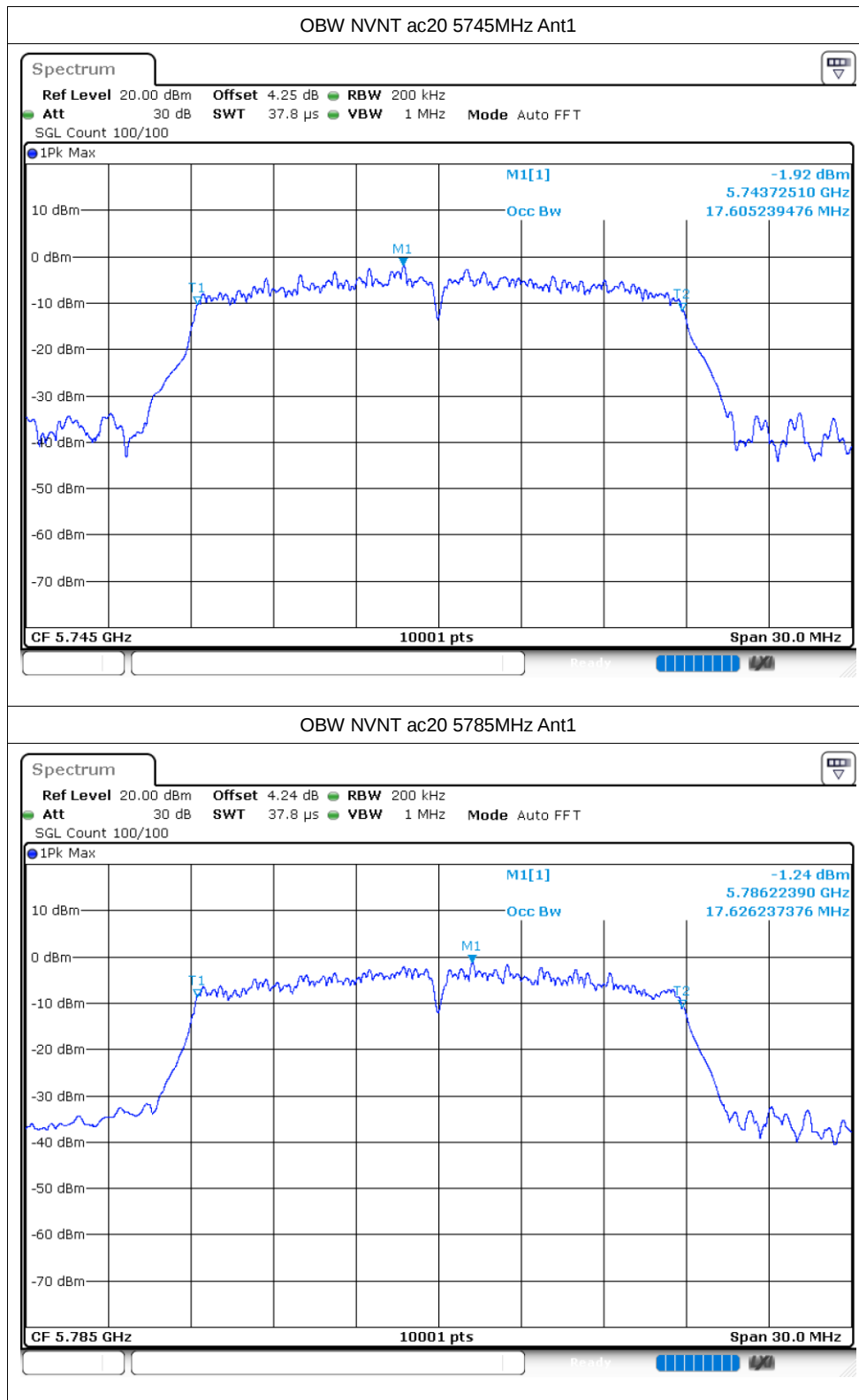
OBW NVNT a 5785MHz Ant1

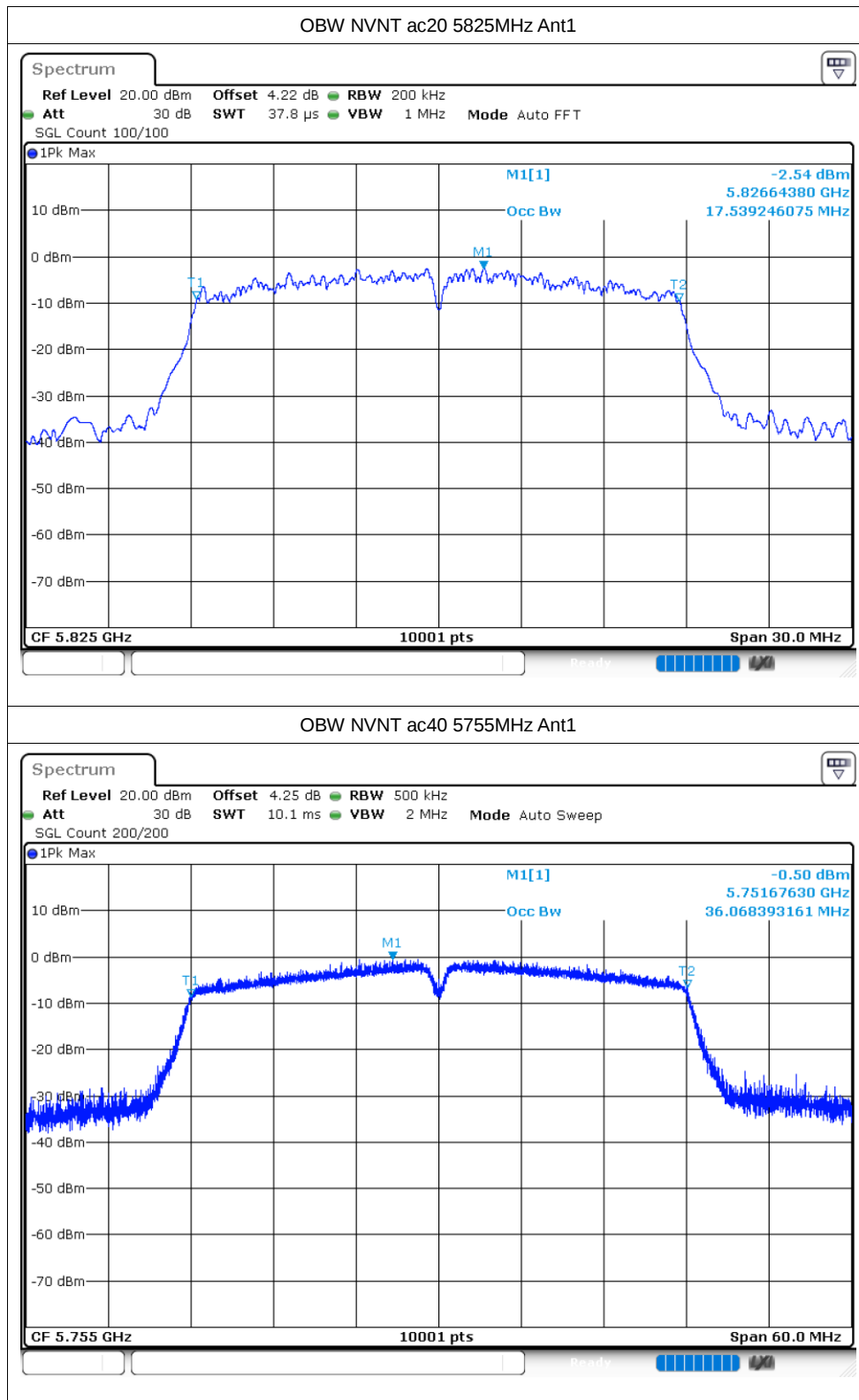


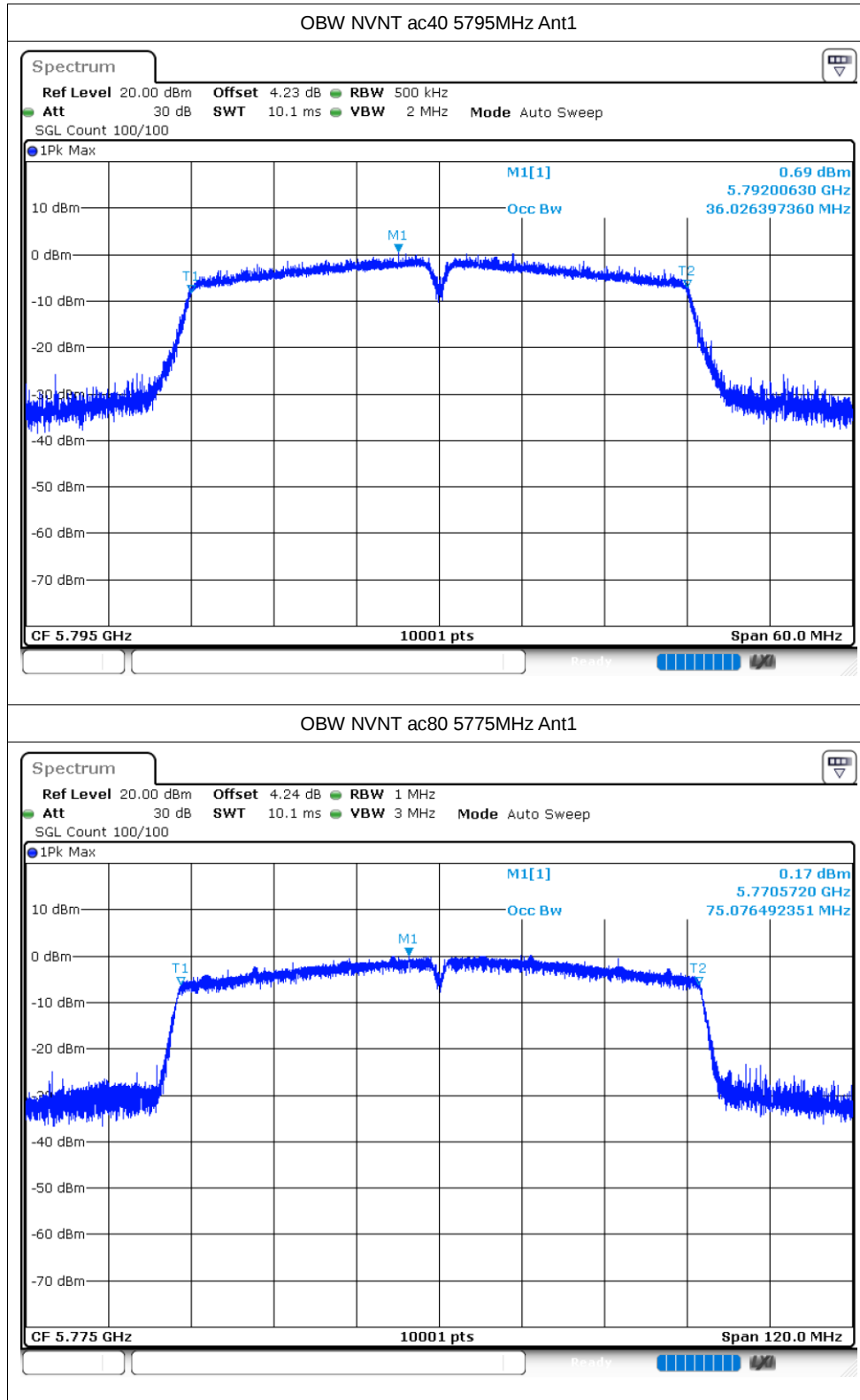










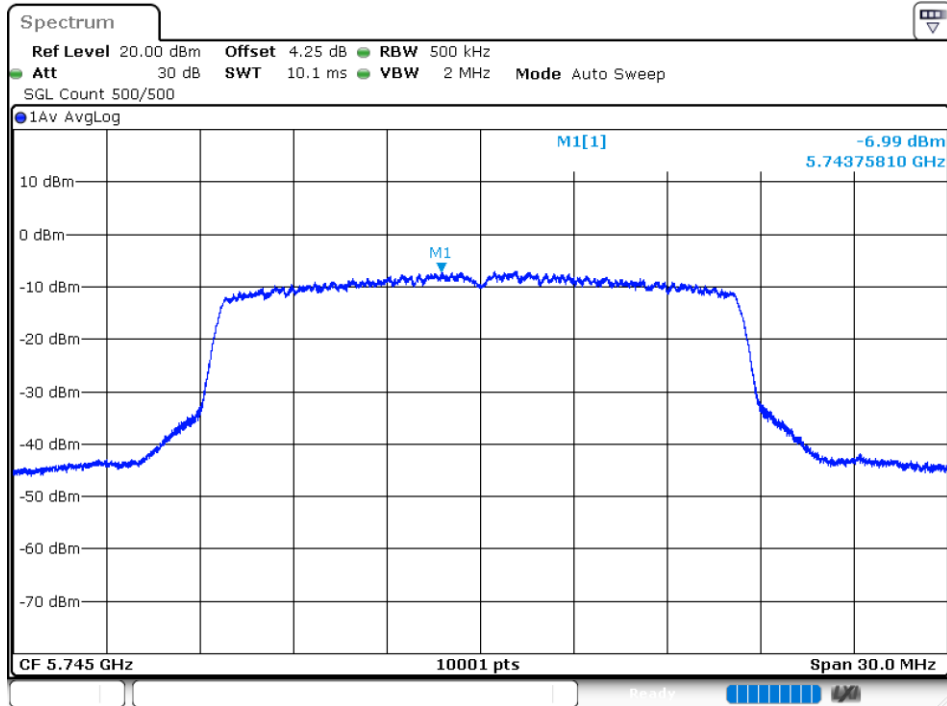


Maximum Power Spectral Density Level

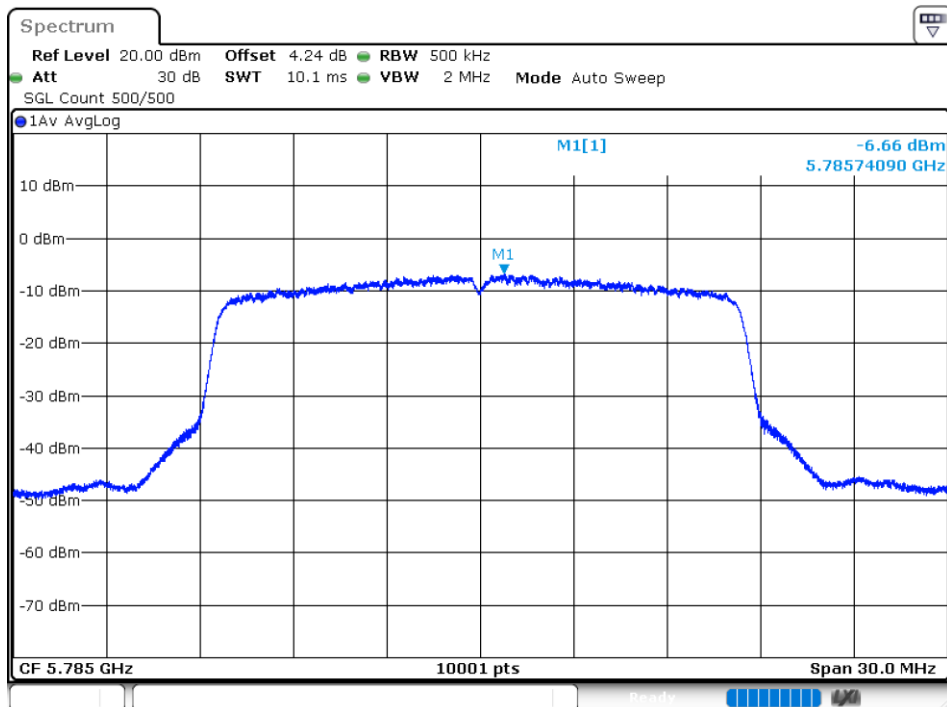
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-6.99	30	Pass
NVNT	a	5785	Ant1	-6.66	30	Pass
NVNT	a	5825	Ant1	-6.61	30	Pass
NVNT	n20	5745	Ant1	-8.42	30	Pass
NVNT	n20	5785	Ant1	-7.09	30	Pass
NVNT	n20	5825	Ant1	-7.22	30	Pass
NVNT	n40	5755	Ant1	-11.35	30	Pass
NVNT	n40	5795	Ant1	-10.5	30	Pass
NVNT	ac20	5745	Ant1	-8.6	30	Pass
NVNT	ac20	5785	Ant1	-6.8	30	Pass
NVNT	ac20	5825	Ant1	-7.28	30	Pass
NVNT	ac40	5755	Ant1	-11.63	30	Pass
NVNT	ac40	5795	Ant1	-10.69	30	Pass
NVNT	ac80	5775	Ant1	-15.63	30	Pass

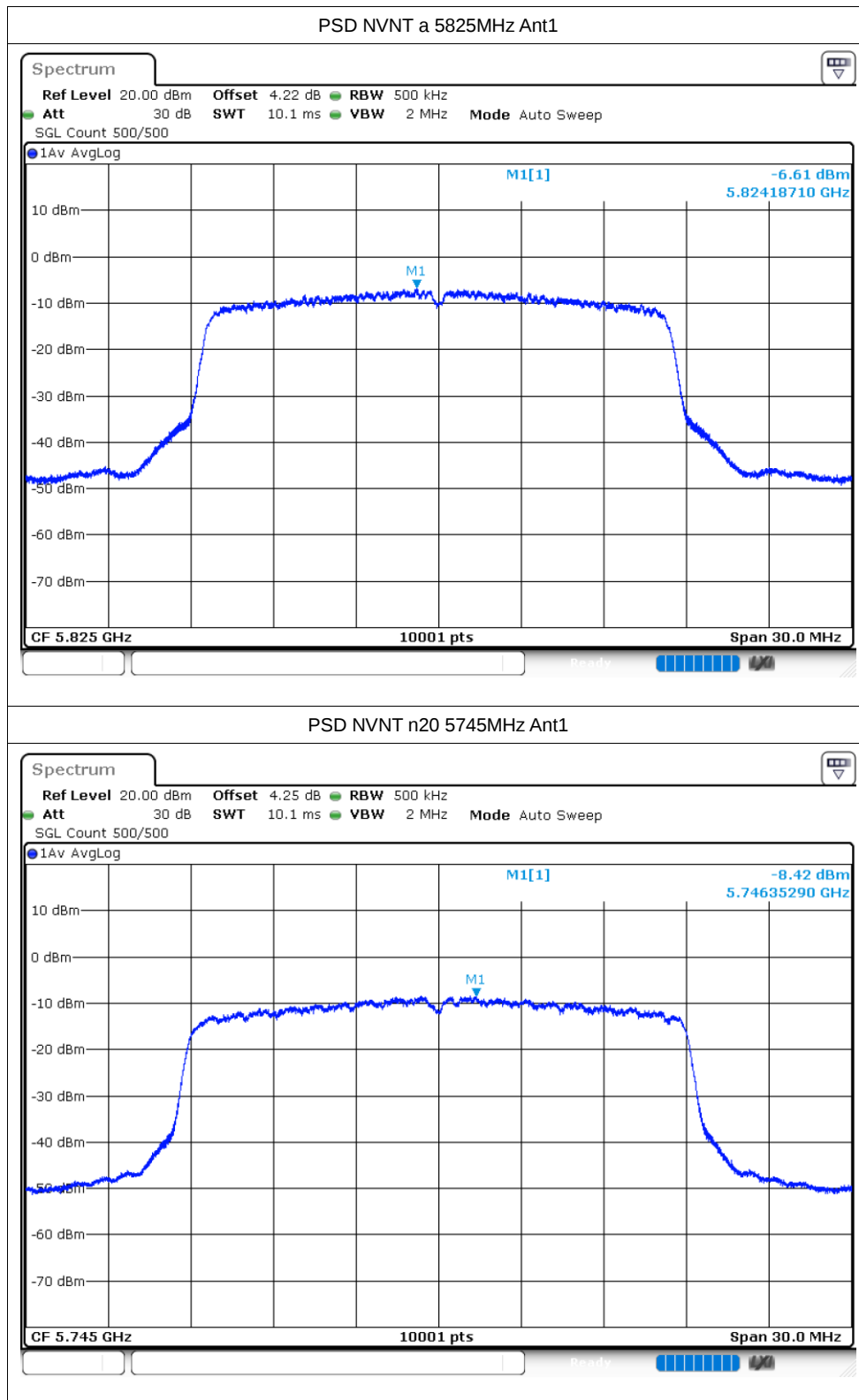
Test Graphs

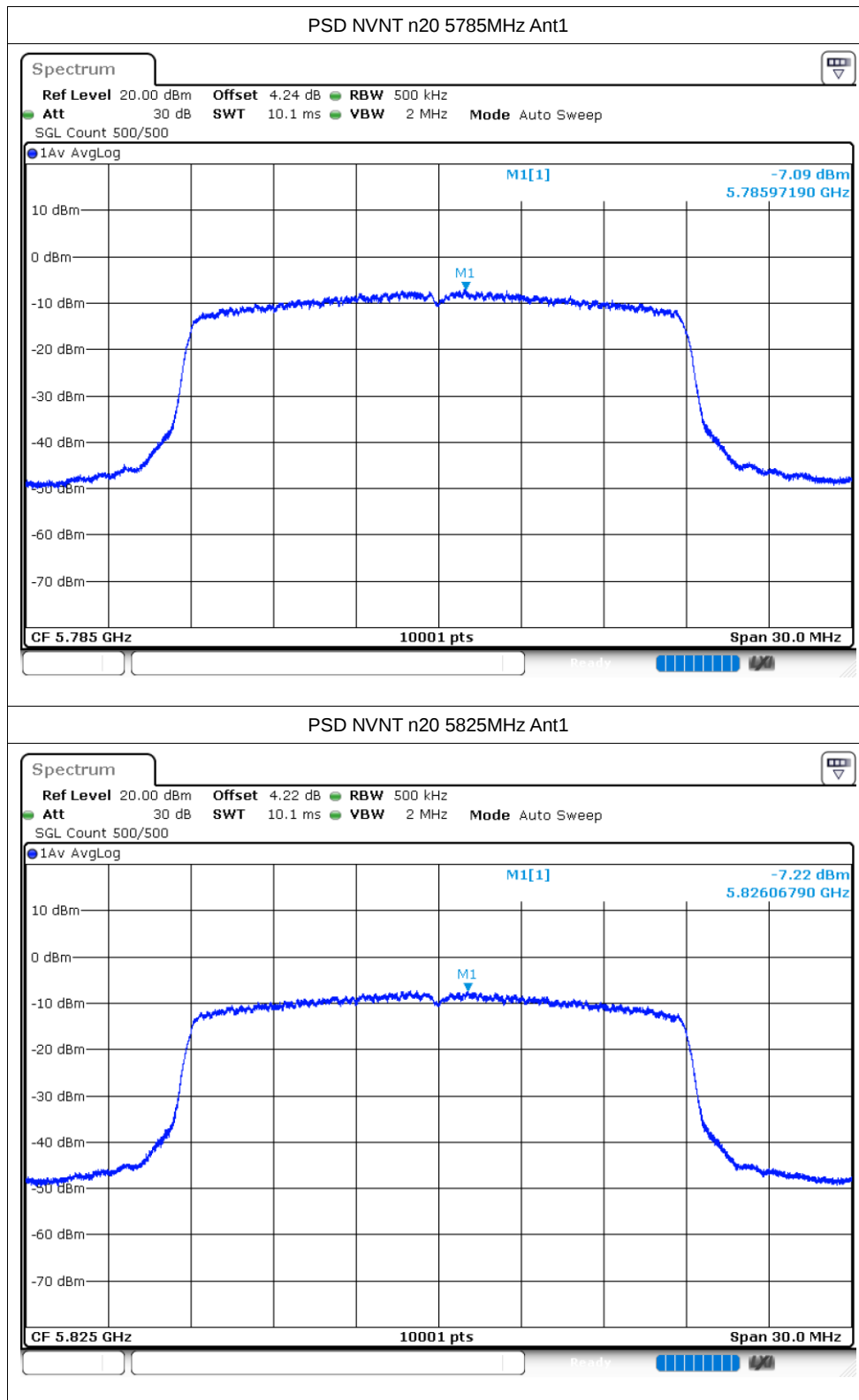
PSD NVNT a 5745MHz Ant1

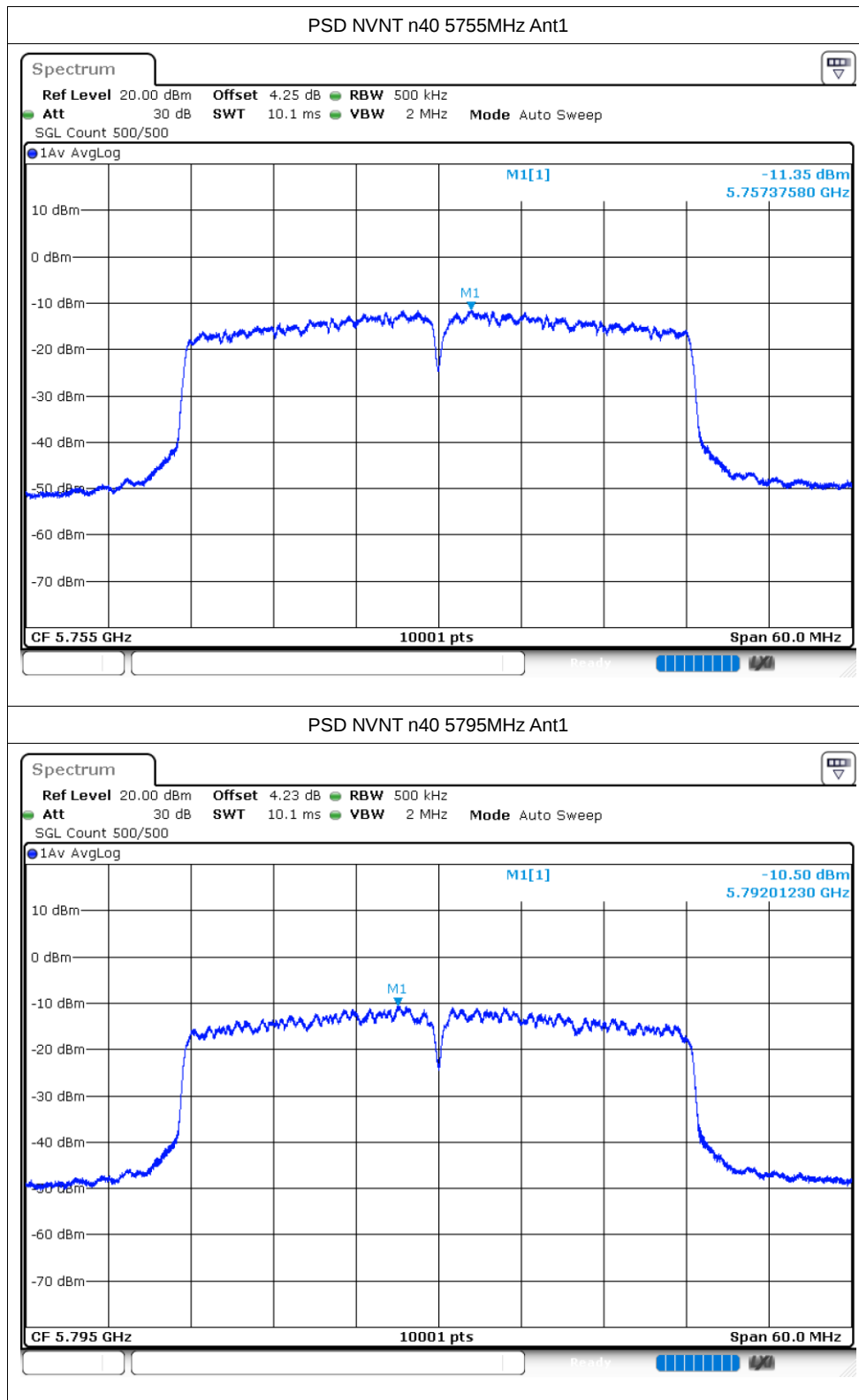


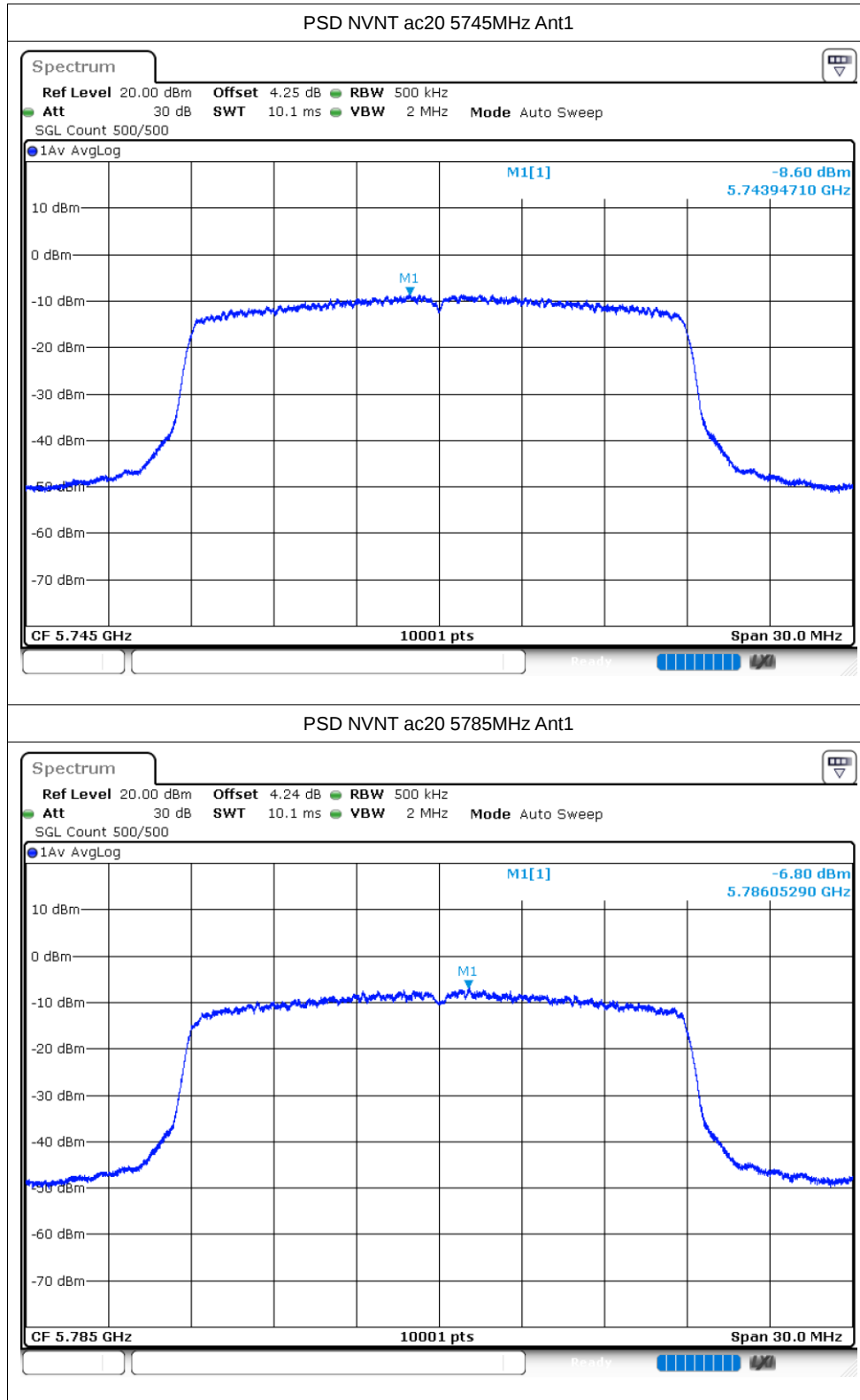
PSD NVNT a 5785MHz Ant1

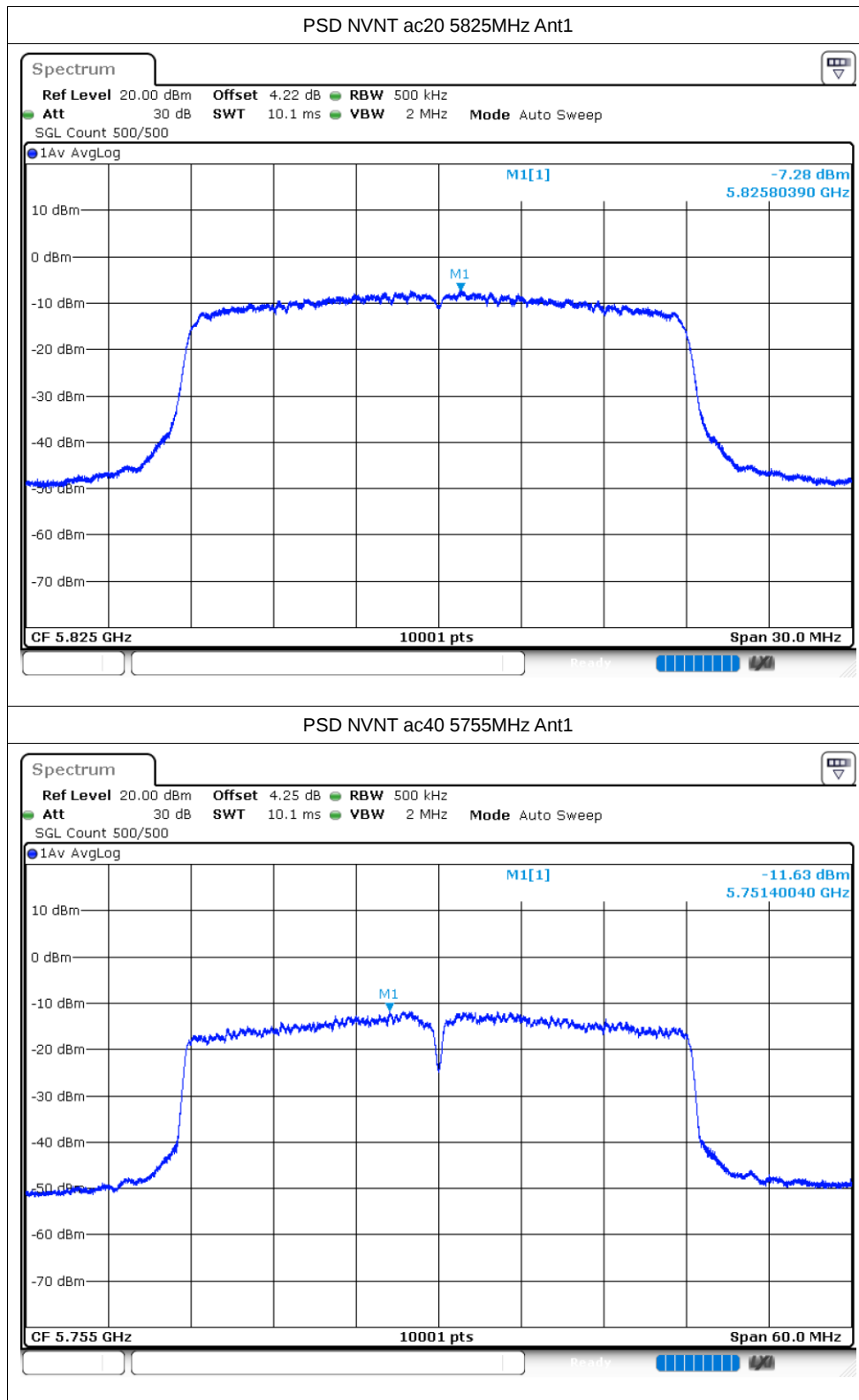


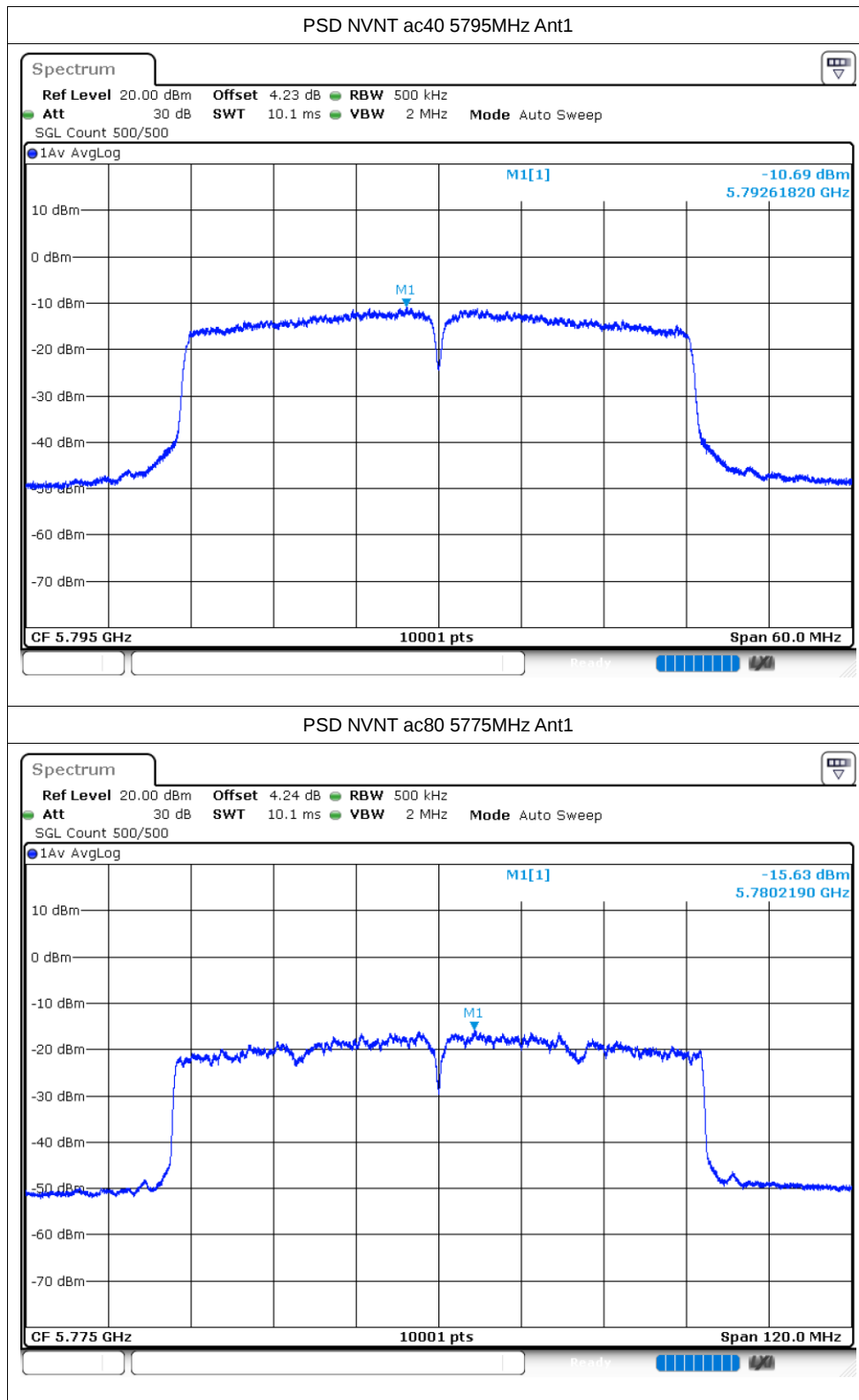










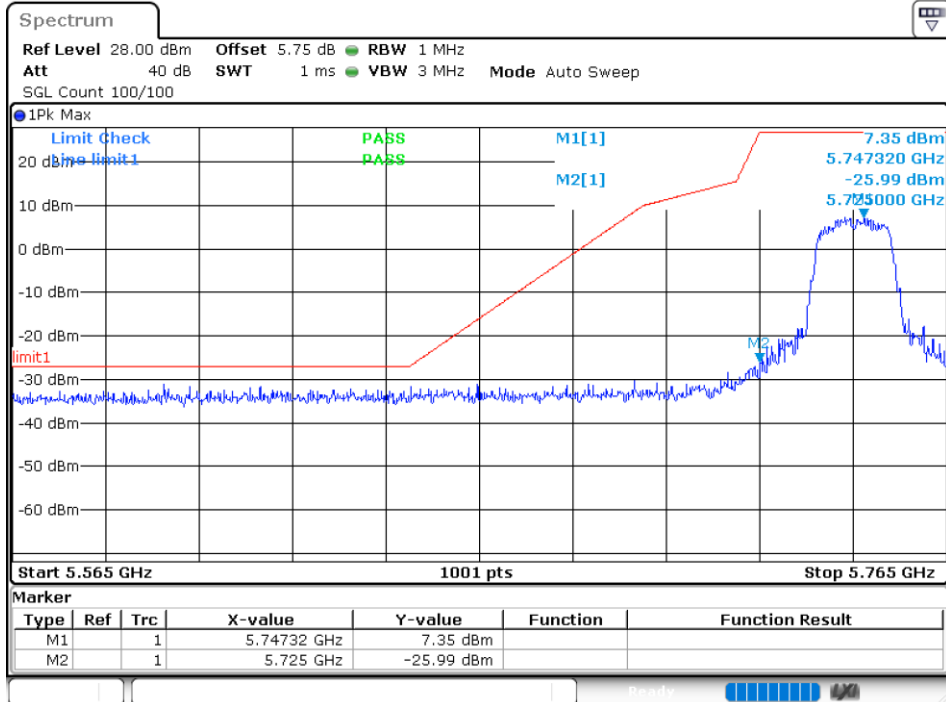


Band Edge

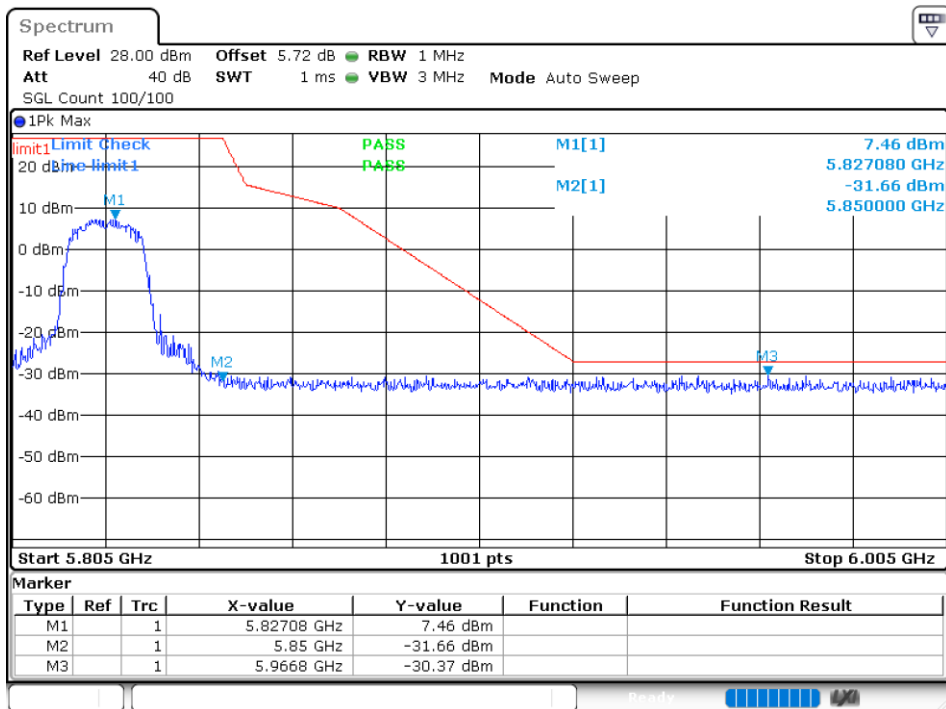
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-25.99	Pass
NVNT	a	5825	Ant1	-30.36	Pass
NVNT	n20	5745	Ant1	-27.8	Pass
NVNT	n20	5825	Ant1	-29.46	Pass
NVNT	n40	5755	Ant1	-20.89	Pass
NVNT	n40	5795	Ant1	-29.96	Pass
NVNT	ac20	5745	Ant1	-24	Pass
NVNT	ac20	5825	Ant1	-30.19	Pass
NVNT	ac40	5755	Ant1	-23.25	Pass
NVNT	ac40	5795	Ant1	-30.14	Pass
NVNT	ac80	5775	Ant1	-30.83	Pass

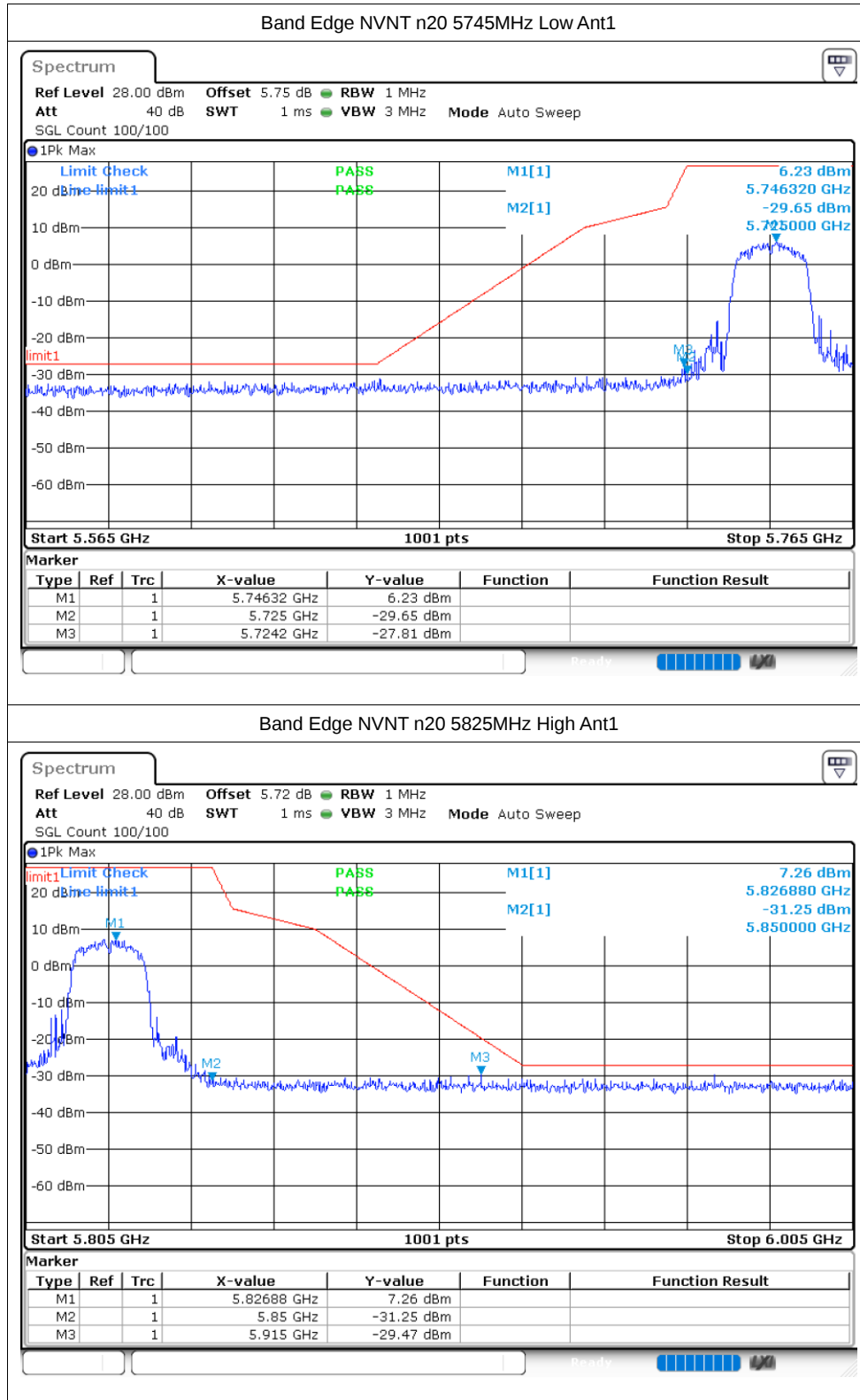
Test Graphs

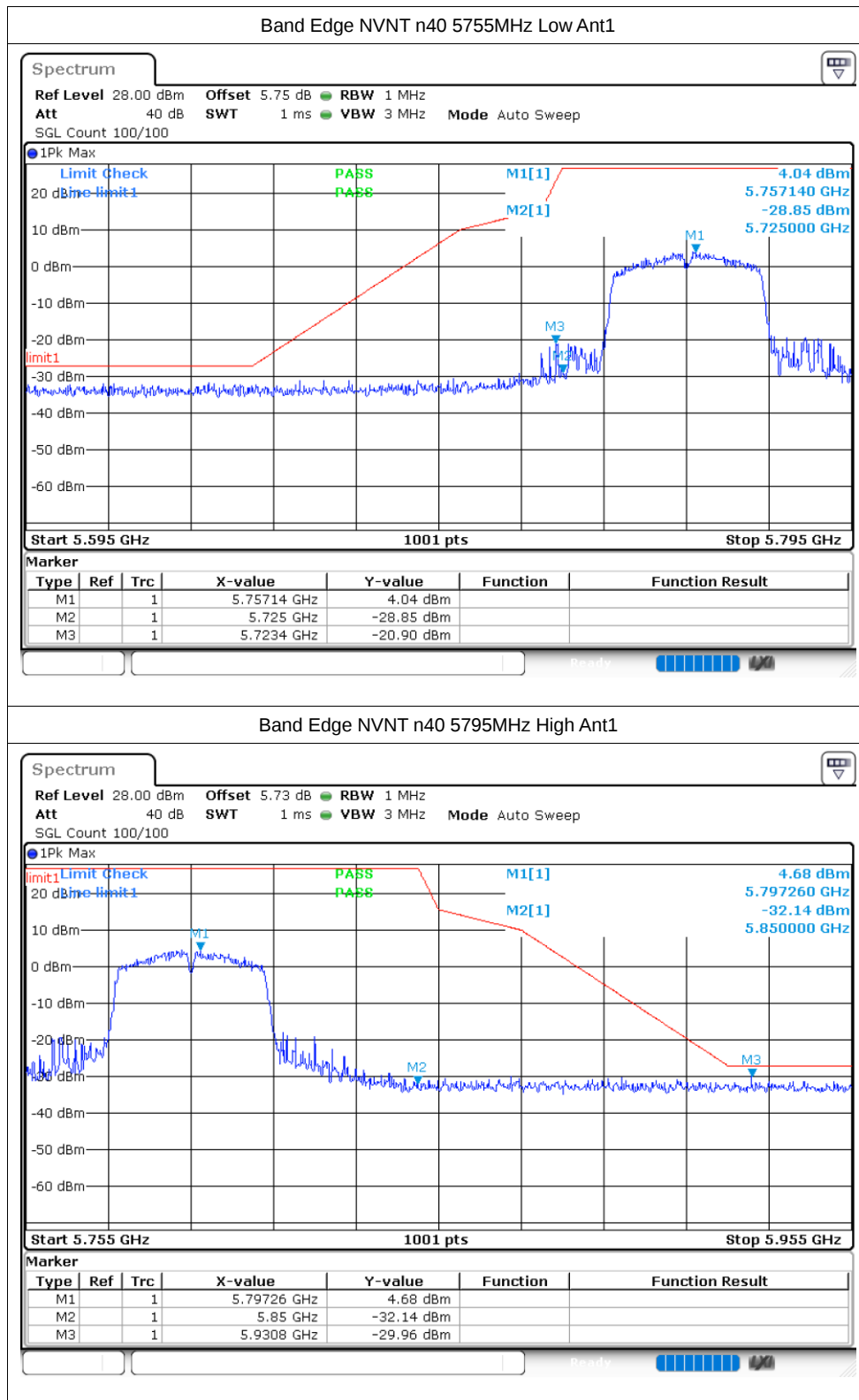
Band Edge NVNT a 5745MHz Low Ant1

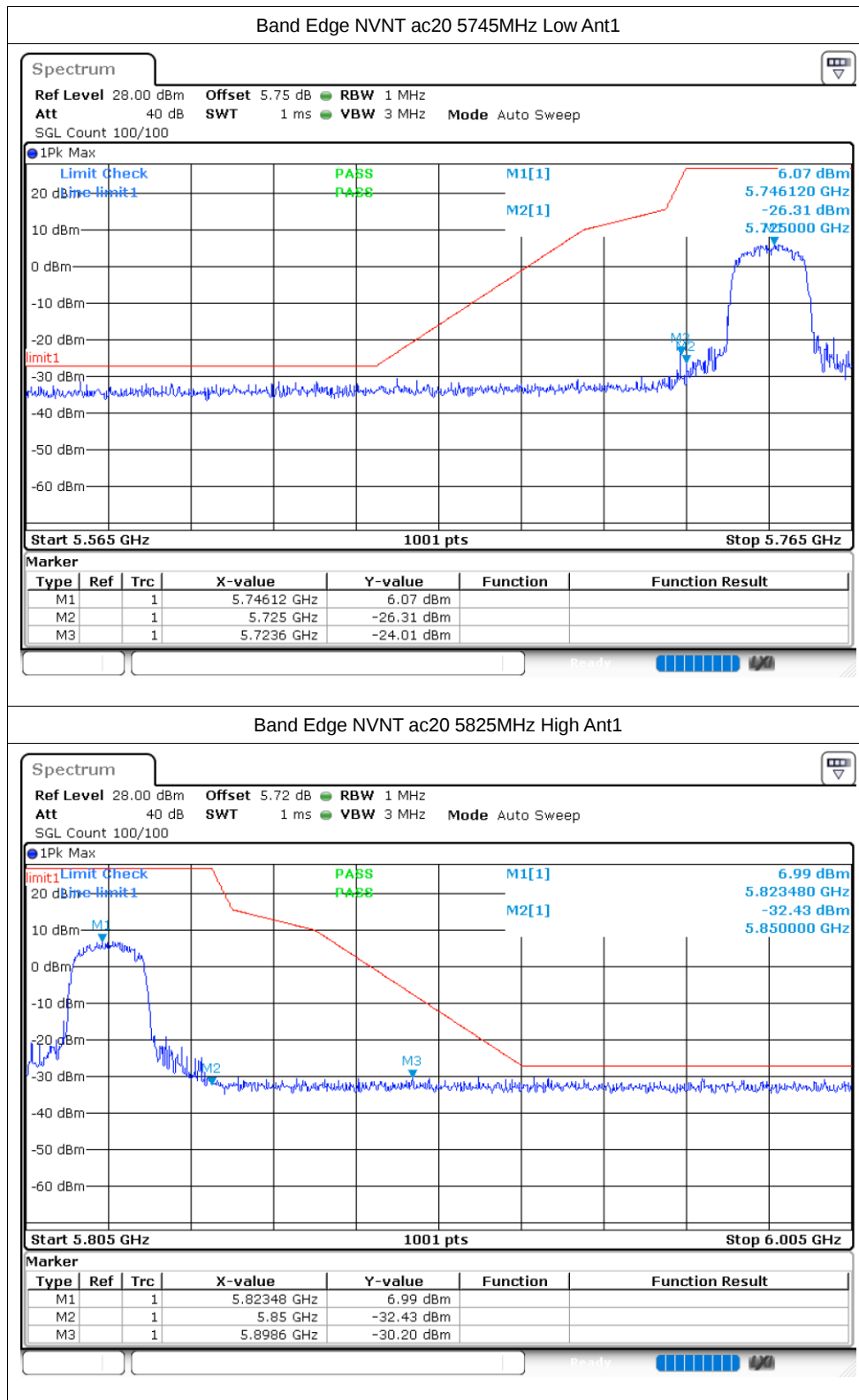


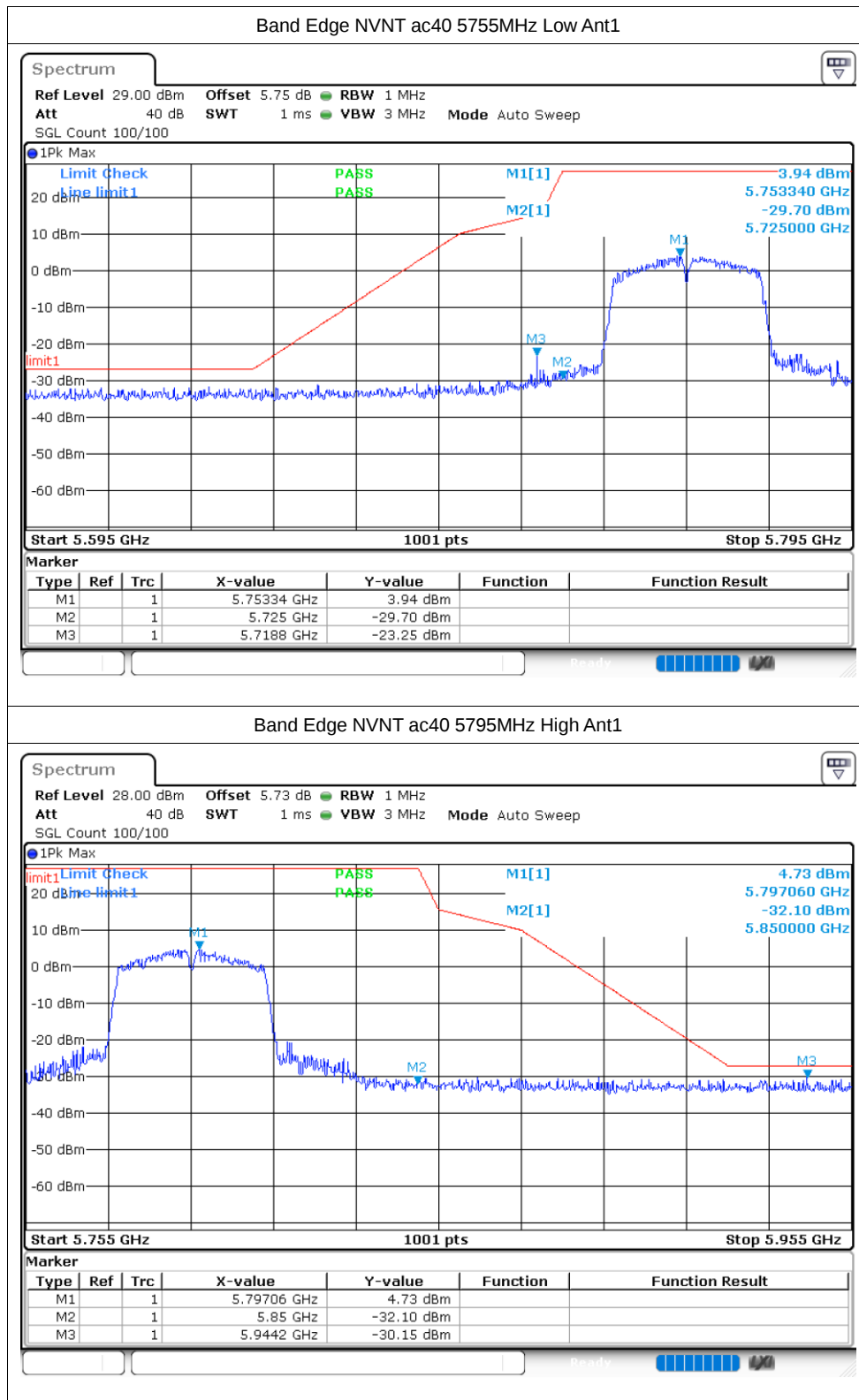
Band Edge NVNT a 5825MHz High Ant1

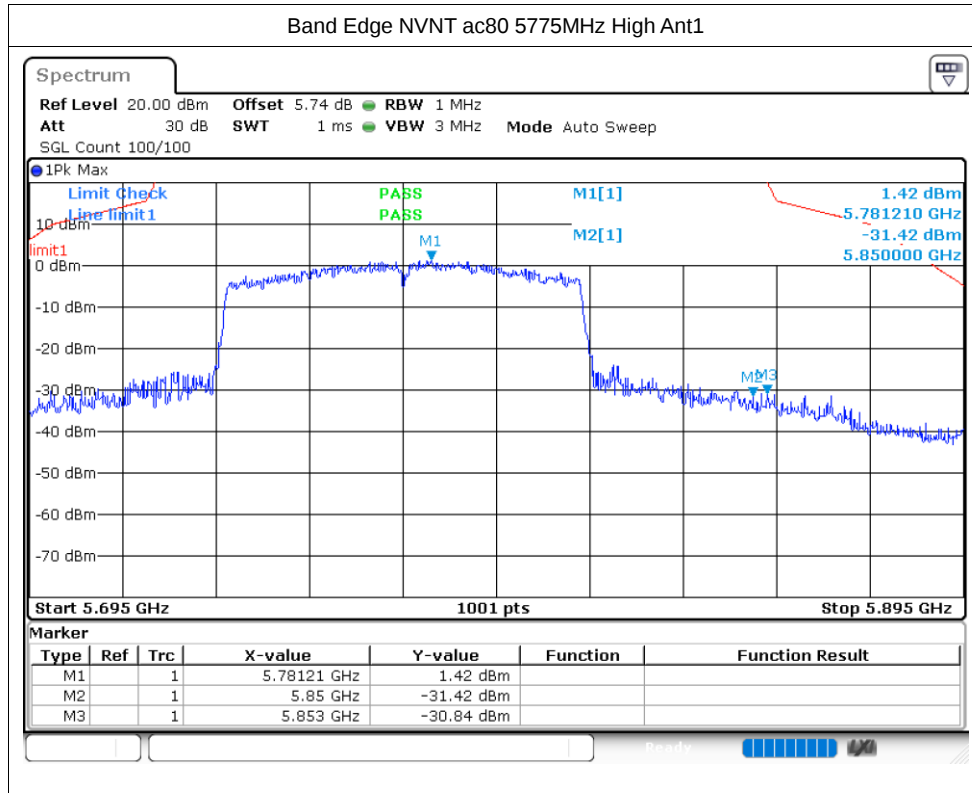










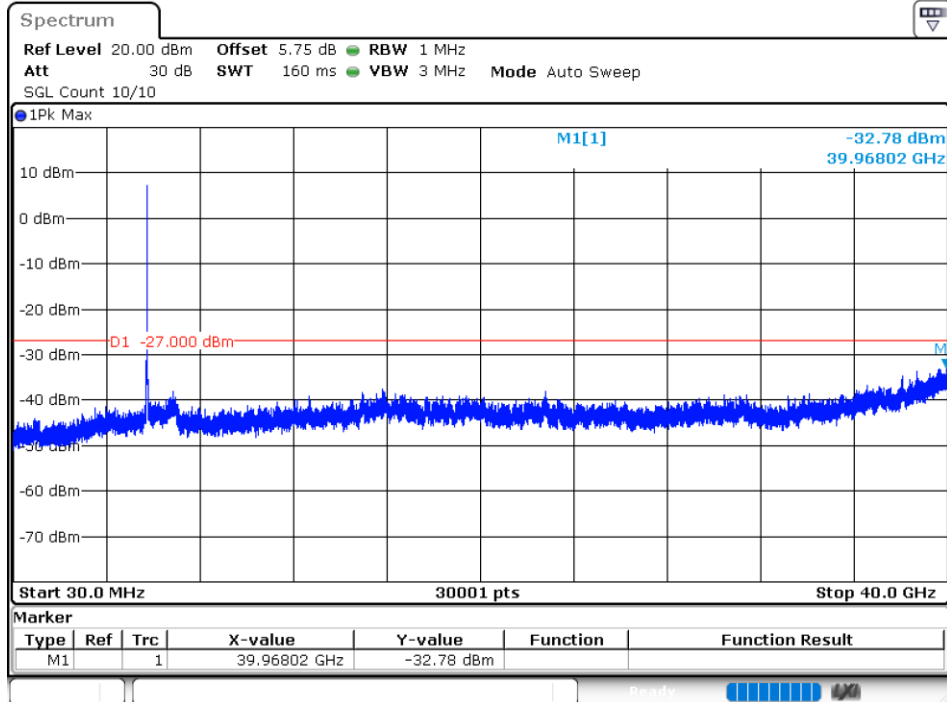


Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-32.77	-27	Pass
NVNT	a	5785	Ant1	-33.59	-27	Pass
NVNT	a	5825	Ant1	-33.03	-27	Pass
NVNT	n20	5745	Ant1	-33.12	-27	Pass
NVNT	n20	5785	Ant1	-31.91	-27	Pass
NVNT	n20	5825	Ant1	-32.72	-27	Pass
NVNT	n40	5755	Ant1	-32.03	-27	Pass
NVNT	n40	5795	Ant1	-32.69	-27	Pass
NVNT	ac20	5745	Ant1	-31.61	-27	Pass
NVNT	ac20	5785	Ant1	-32.3	-27	Pass
NVNT	ac20	5825	Ant1	-33.1	-27	Pass
NVNT	ac40	5755	Ant1	-33.38	-27	Pass
NVNT	ac40	5795	Ant1	-32.35	-27	Pass
NVNT	ac80	5775	Ant1	-32.45	-27	Pass

Test Graphs

Tx. Spurious NVNT a 5745MHz Ant1 Emission



Tx. Spurious NVNT a 5785MHz Ant1 Emission

