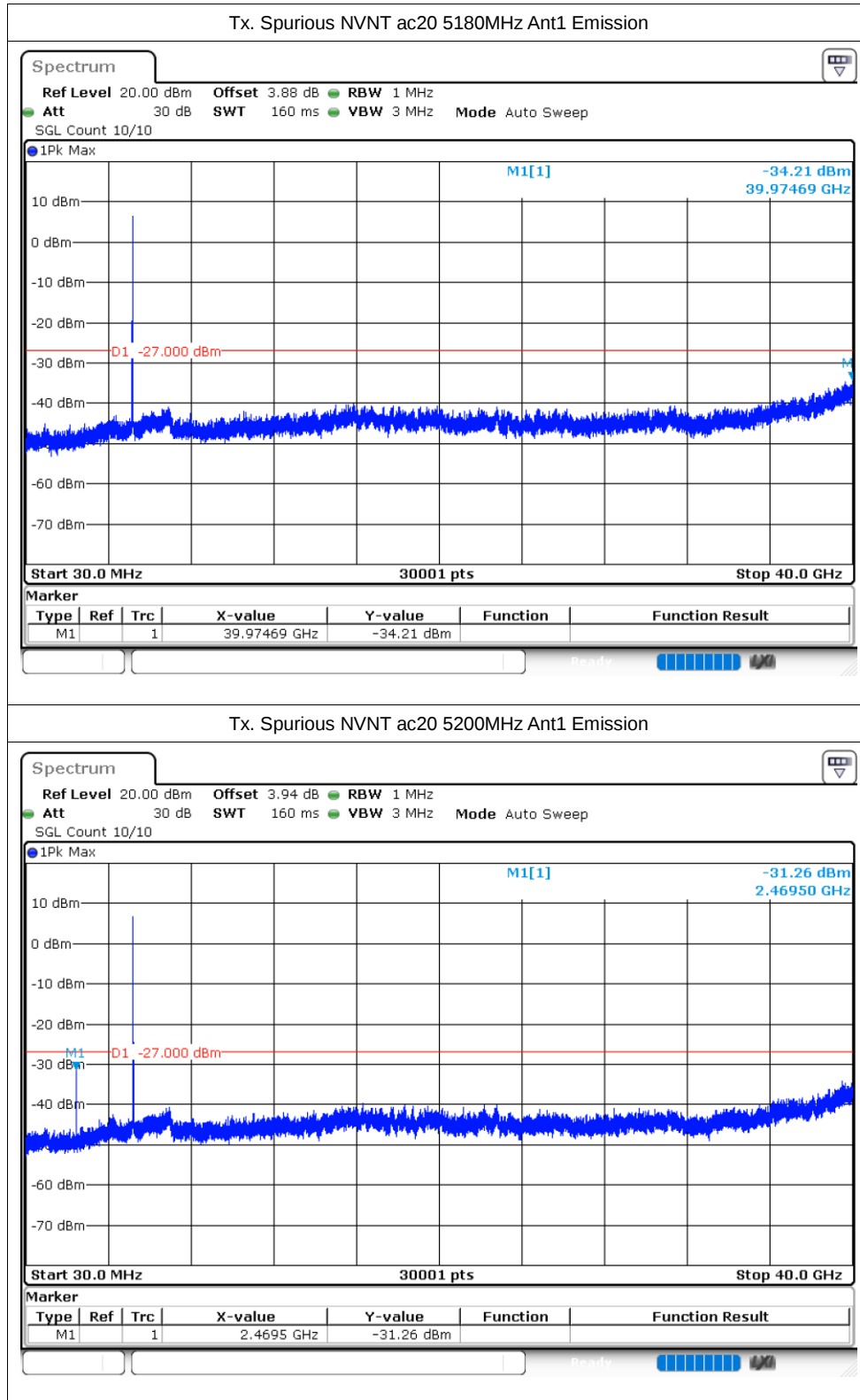
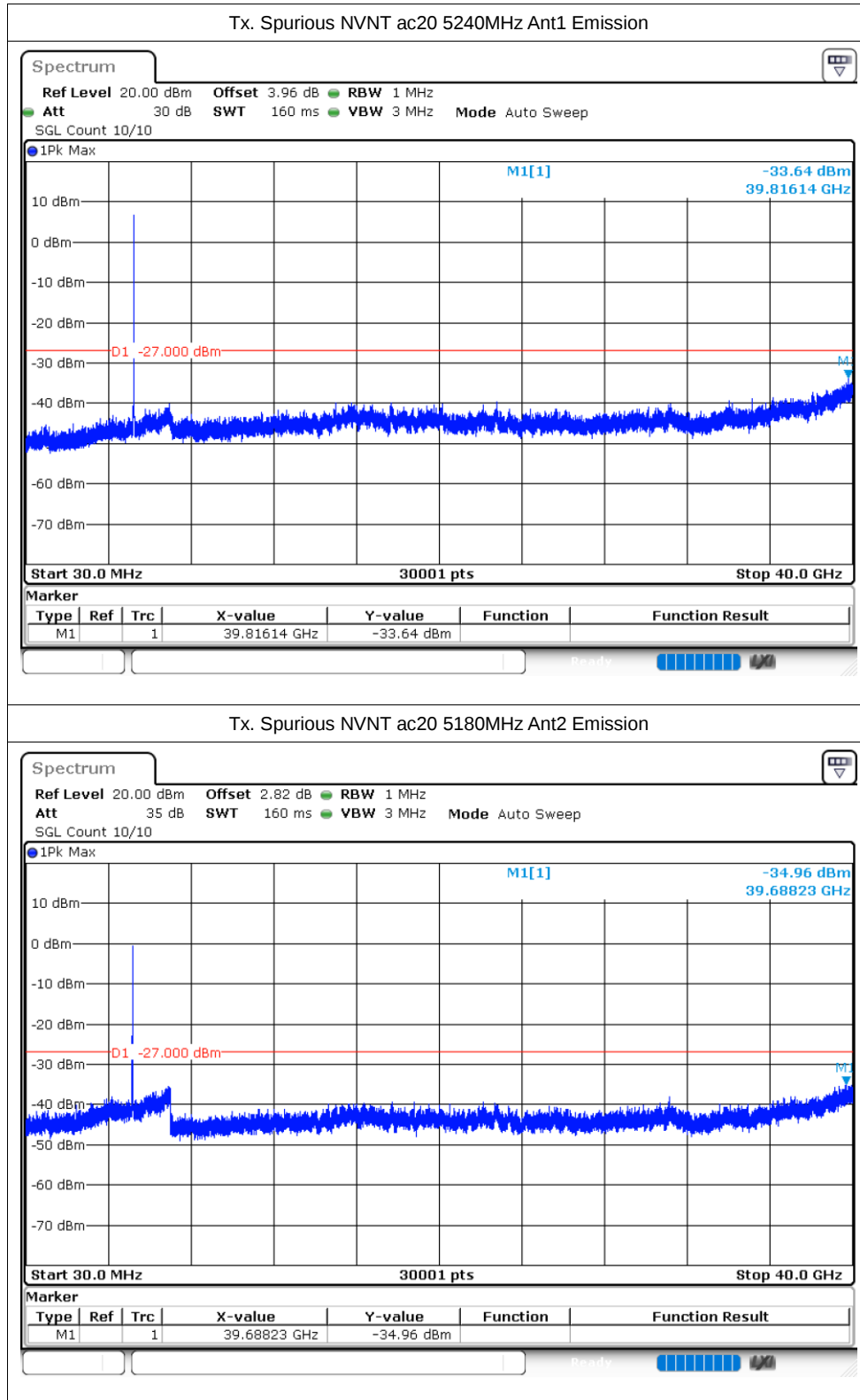
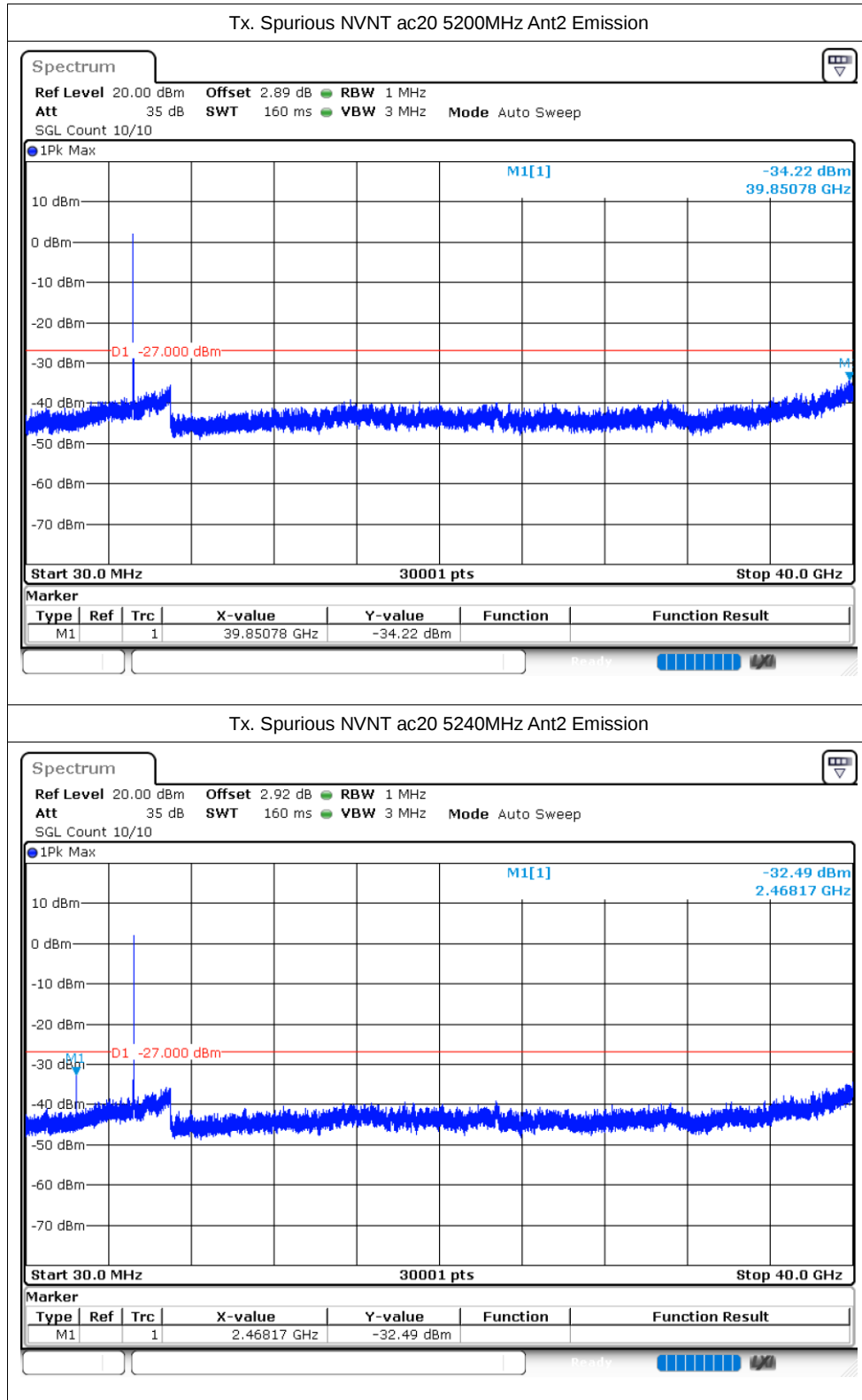
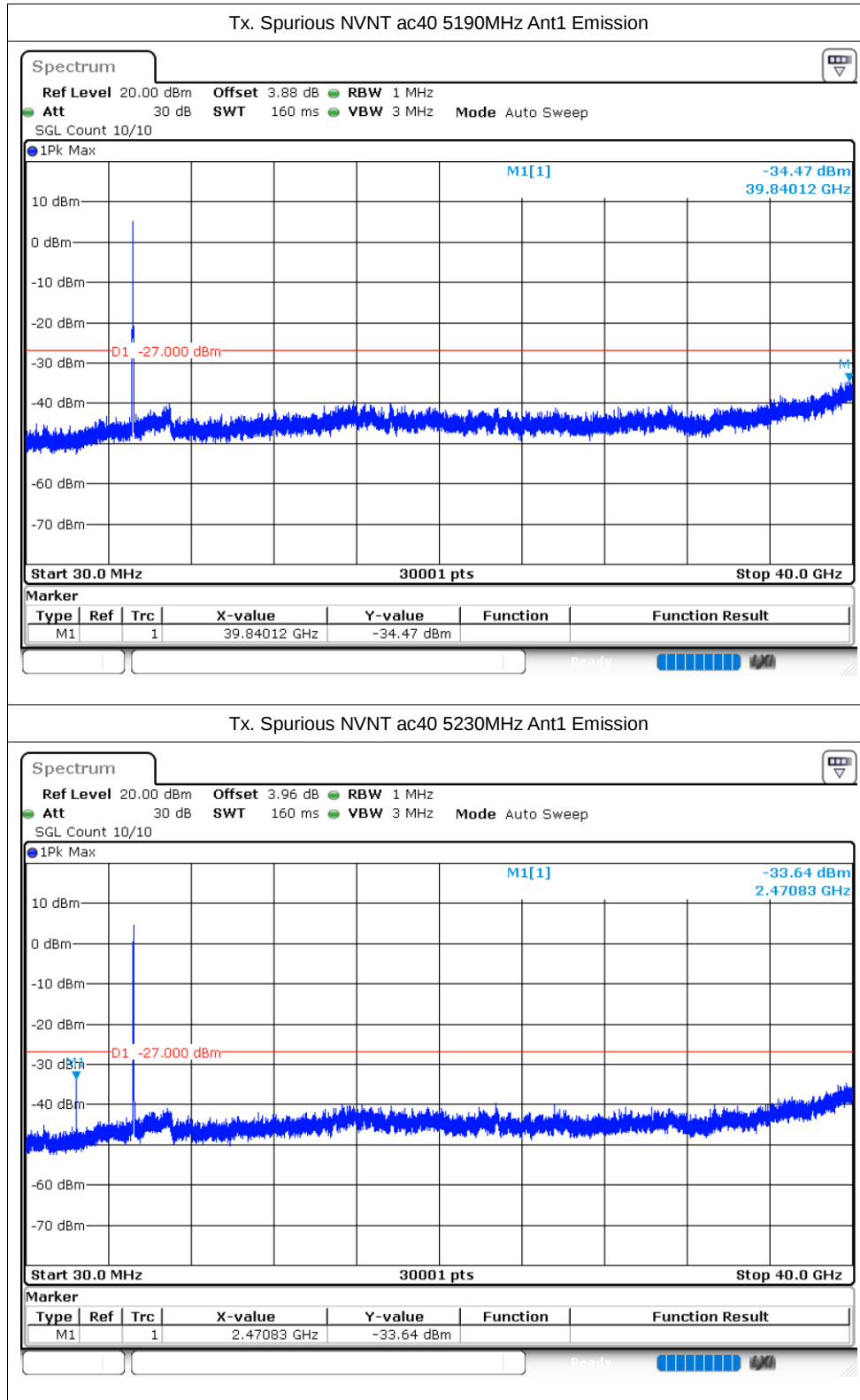
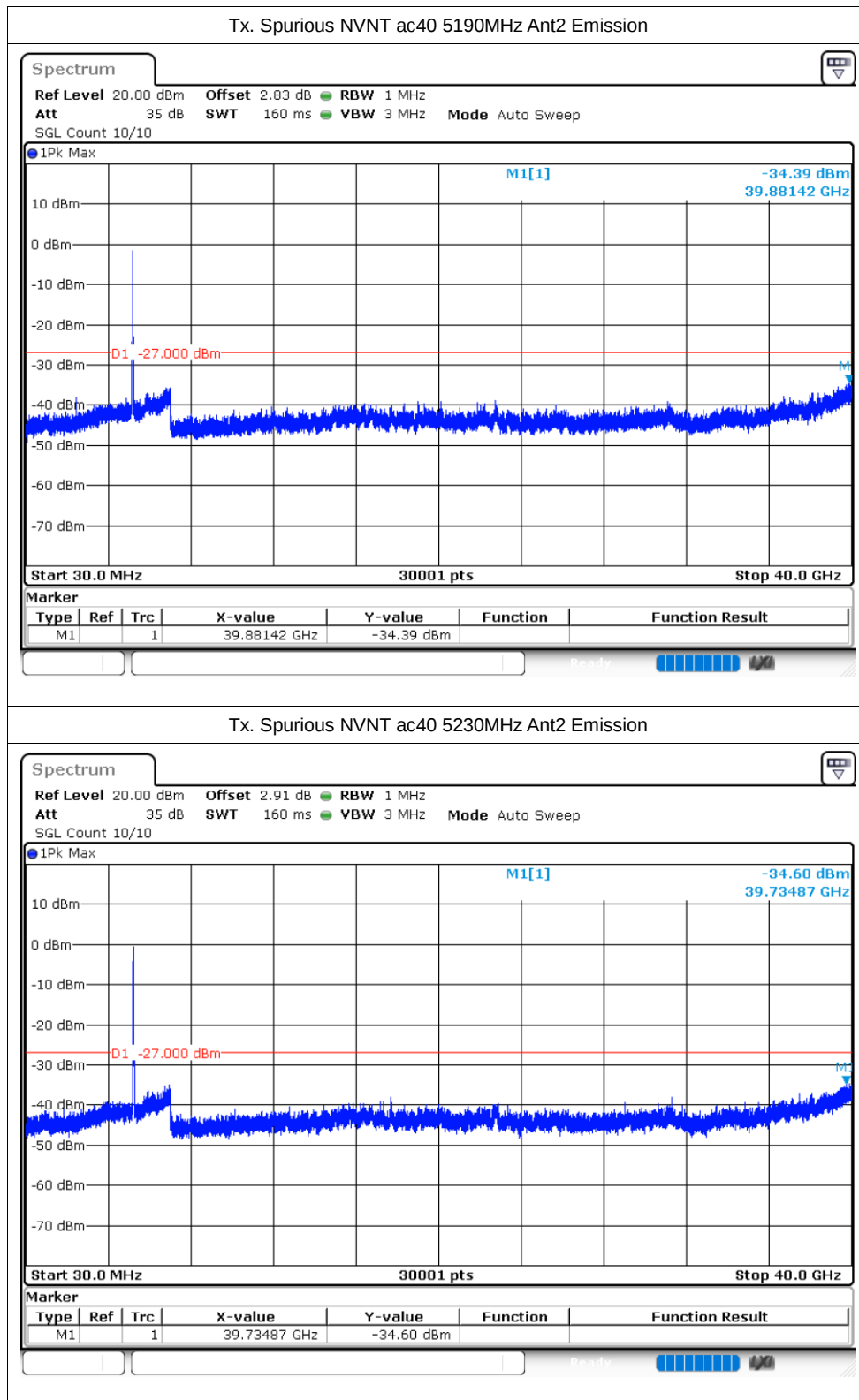


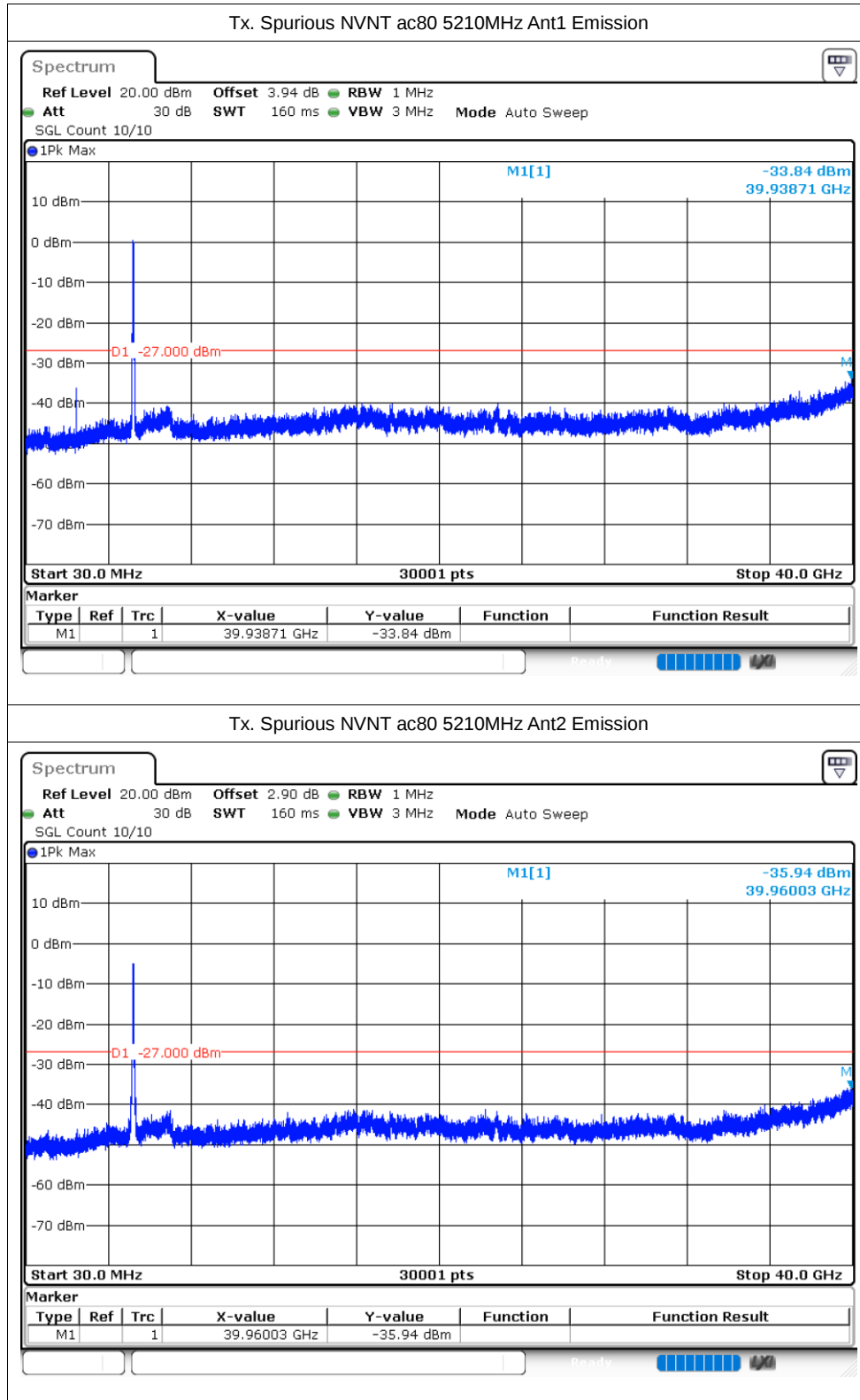












WIFI 5.2G MIMO:

Maximum Conducted Output Power

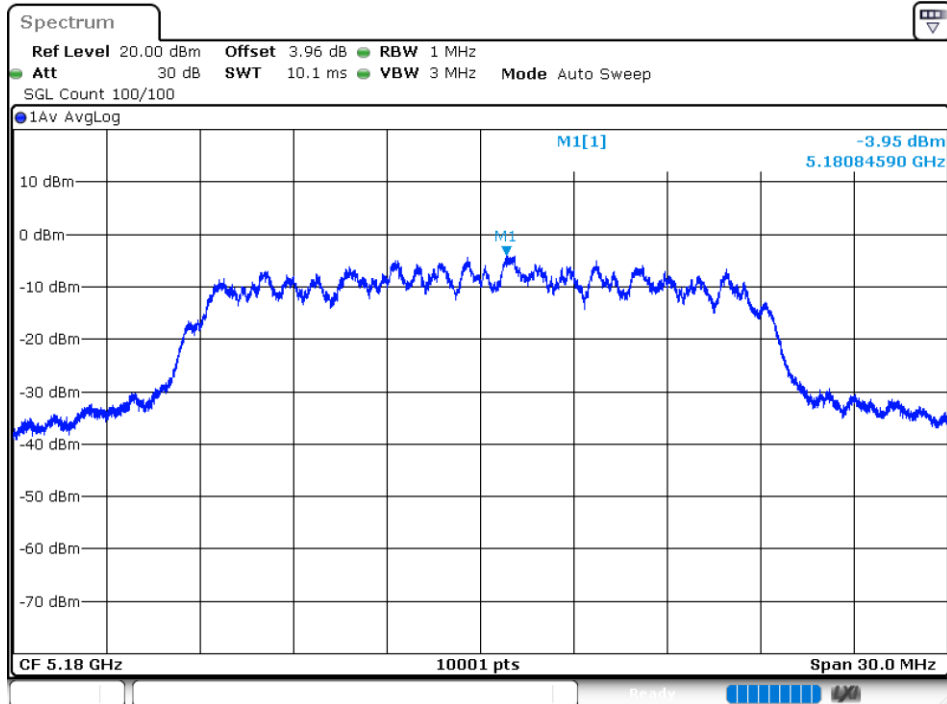
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	11.47	21.82	Pass
NVNT	ac20	5180	Ant2	2.99	21.82	Pass
NVNT	ac20	5180	Sum	12.05	21.82	Pass
NVNT	ac20	5200	Ant1	11.68	21.82	Pass
NVNT	ac20	5200	Ant2	3.11	21.82	Pass
NVNT	ac20	5200	Sum	12.25	21.82	Pass
NVNT	ac20	5240	Ant1	12.13	21.82	Pass
NVNT	ac20	5240	Ant2	3.68	21.82	Pass
NVNT	ac20	5240	Sum	12.71	21.82	Pass
NVNT	ac40	5190	Ant1	12.01	21.82	Pass
NVNT	ac40	5190	Ant2	3.2	21.82	Pass
NVNT	ac40	5190	Sum	12.55	21.82	Pass
NVNT	ac40	5230	Ant1	12.36	21.82	Pass
NVNT	ac40	5230	Ant2	3.54	21.82	Pass
NVNT	ac40	5230	Sum	12.9	21.82	Pass
NVNT	ac80	5210	Ant1	11.88	21.82	Pass
NVNT	ac80	5210	Ant2	3.01	21.82	Pass
NVNT	ac80	5210	Sum	12.41	21.82	Pass
NVNT	n20	5180	Ant1	11.48	21.82	Pass
NVNT	n20	5180	Ant2	3.09	21.82	Pass
NVNT	n20	5180	Sum	12.07	21.82	Pass
NVNT	n20	5200	Ant1	11.81	21.82	Pass
NVNT	n20	5200	Ant2	3.16	21.82	Pass
NVNT	n20	5200	Sum	12.37	21.82	Pass
NVNT	n20	5240	Ant1	12.19	21.82	Pass
NVNT	n20	5240	Ant2	3.75	21.82	Pass
NVNT	n20	5240	Sum	12.77	21.82	Pass
NVNT	n40	5190	Ant1	11.97	21.82	Pass
NVNT	n40	5190	Ant2	3.19	21.82	Pass
NVNT	n40	5190	Sum	12.51	21.82	Pass
NVNT	n40	5230	Ant1	12.15	21.82	Pass
NVNT	n40	5230	Ant2	3.51	21.82	Pass
NVNT	n40	5230	Sum	12.71	21.82	Pass

Maximum Power Spectral Density Level

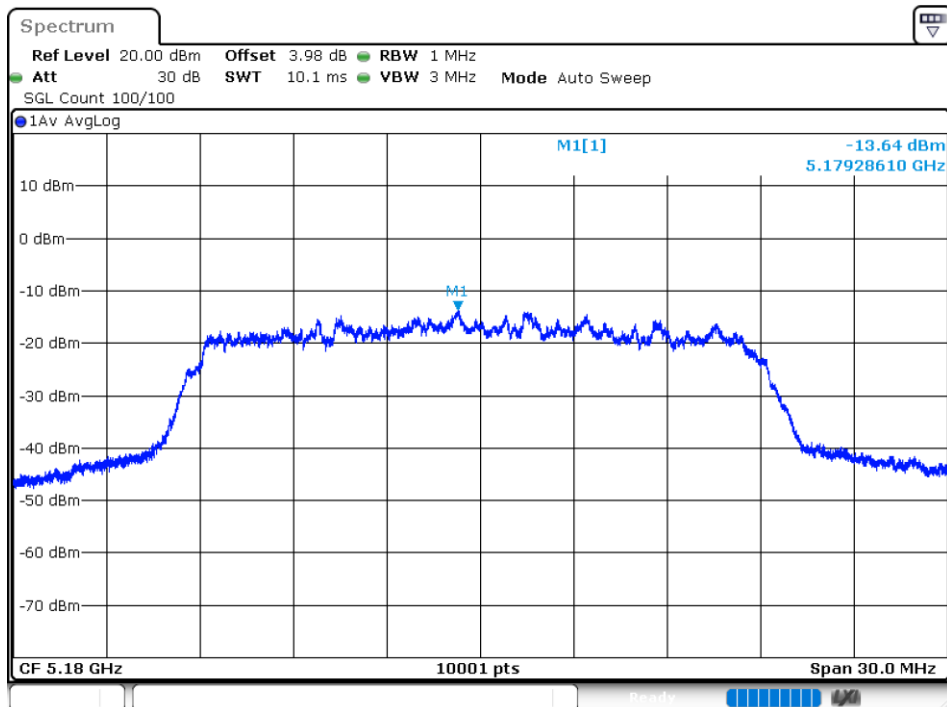
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	-3.95	0.47	-3.48	5.73	Pass
NVNT	ac20	5180	Ant2	-13.64	0.47	-13.17	5.73	Pass
NVNT	ac20	5180	Sum	-3.51	0.47	-3.04	5.73	Pass
NVNT	ac20	5200	Ant1	-2.01	0.47	-1.54	5.73	Pass
NVNT	ac20	5200	Ant2	-12.91	0.47	-12.44	5.73	Pass
NVNT	ac20	5200	Sum	-1.67	0.47	-1.2	5.73	Pass
NVNT	ac20	5240	Ant1	-2.67	0.47	-2.2	5.73	Pass
NVNT	ac20	5240	Ant2	-11.81	0.47	-11.34	5.73	Pass
NVNT	ac20	5240	Sum	-2.17	0.47	-1.7	5.73	Pass
NVNT	ac40	5190	Ant1	-11.58	0.89	-10.69	5.73	Pass
NVNT	ac40	5190	Ant2	-17.96	0.89	-17.07	5.73	Pass
NVNT	ac40	5190	Sum	-10.68	0.89	-9.79	5.73	Pass
NVNT	ac40	5230	Ant1	-10.18	0.89	-9.29	5.73	Pass
NVNT	ac40	5230	Ant2	-17.25	0.89	-16.36	5.73	Pass
NVNT	ac40	5230	Sum	-9.4	0.89	-8.51	5.73	Pass
NVNT	ac80	5210	Ant1	-16.3	1.61	-14.69	5.73	Pass
NVNT	ac80	5210	Ant2	-24.66	1.61	-23.05	5.73	Pass
NVNT	ac80	5210	Sum	-15.71	1.61	-14.1	5.73	Pass
NVNT	n20	5180	Ant1	-4.79	0.47	-4.32	5.73	Pass
NVNT	n20	5180	Ant2	-13.95	0.47	-13.48	5.73	Pass
NVNT	n20	5180	Sum	-4.29	0.47	-3.82	5.73	Pass
NVNT	n20	5200	Ant1	-4.1	0.47	-3.63	5.73	Pass
NVNT	n20	5200	Ant2	-11.42	0.47	-10.95	5.73	Pass
NVNT	n20	5200	Sum	-3.36	0.47	-2.89	5.73	Pass
NVNT	n20	5240	Ant1	-0.68	0.47	-0.21	5.73	Pass
NVNT	n20	5240	Ant2	-9.22	0.47	-8.75	5.73	Pass
NVNT	n20	5240	Sum	-0.11	0.47	0.36	5.73	Pass
NVNT	n40	5190	Ant1	-8.15	0.89	-7.26	5.73	Pass
NVNT	n40	5190	Ant2	-19.09	0.89	-18.2	5.73	Pass
NVNT	n40	5190	Sum	-7.81	0.89	-6.92	5.73	Pass
NVNT	n40	5230	Ant1	-11.59	0.9	-10.69	5.73	Pass
NVNT	n40	5230	Ant2	-18.68	0.9	-17.78	5.73	Pass
NVNT	n40	5230	Sum	-10.81	0.9	-9.91	5.73	Pass

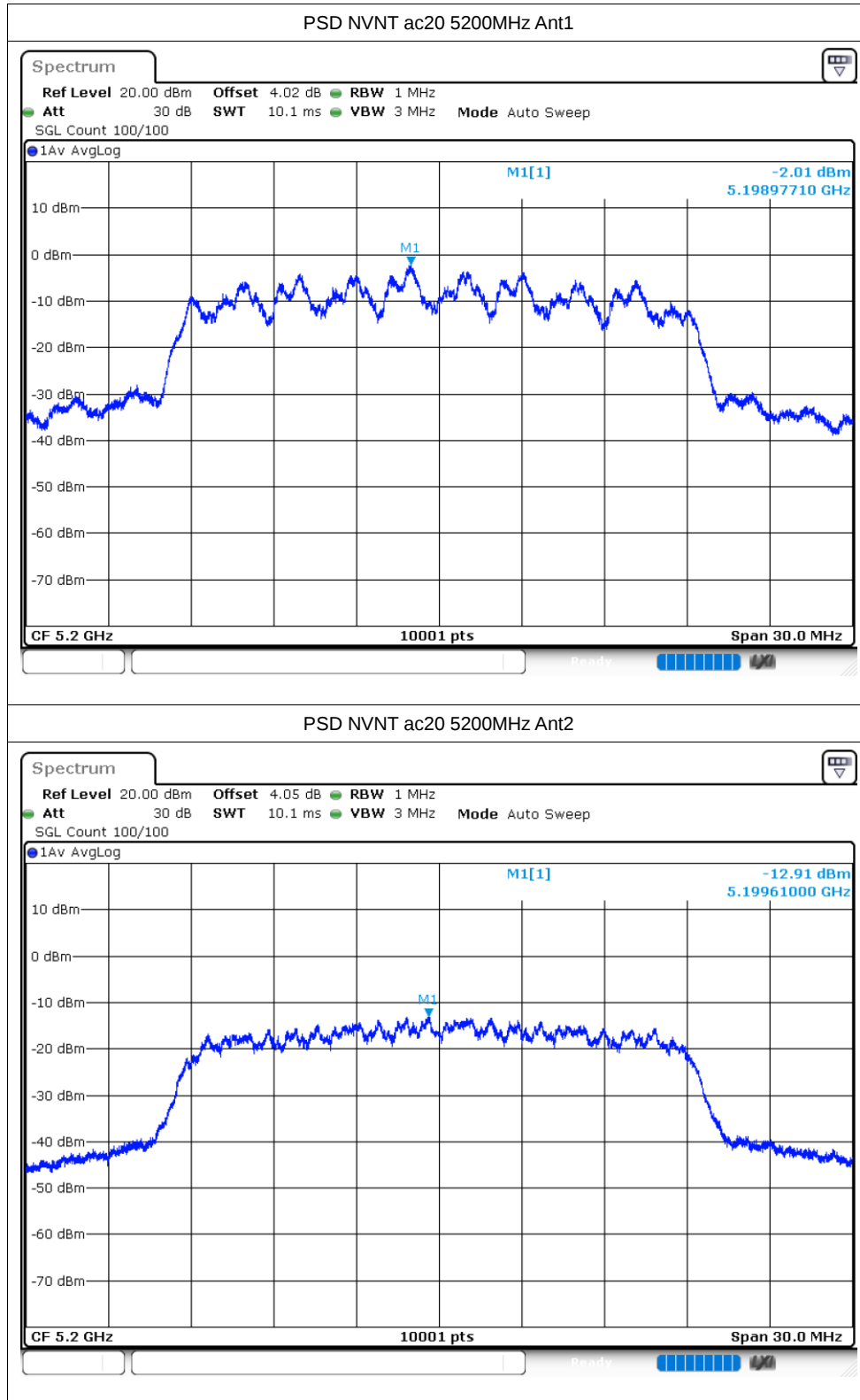
Test Graphs

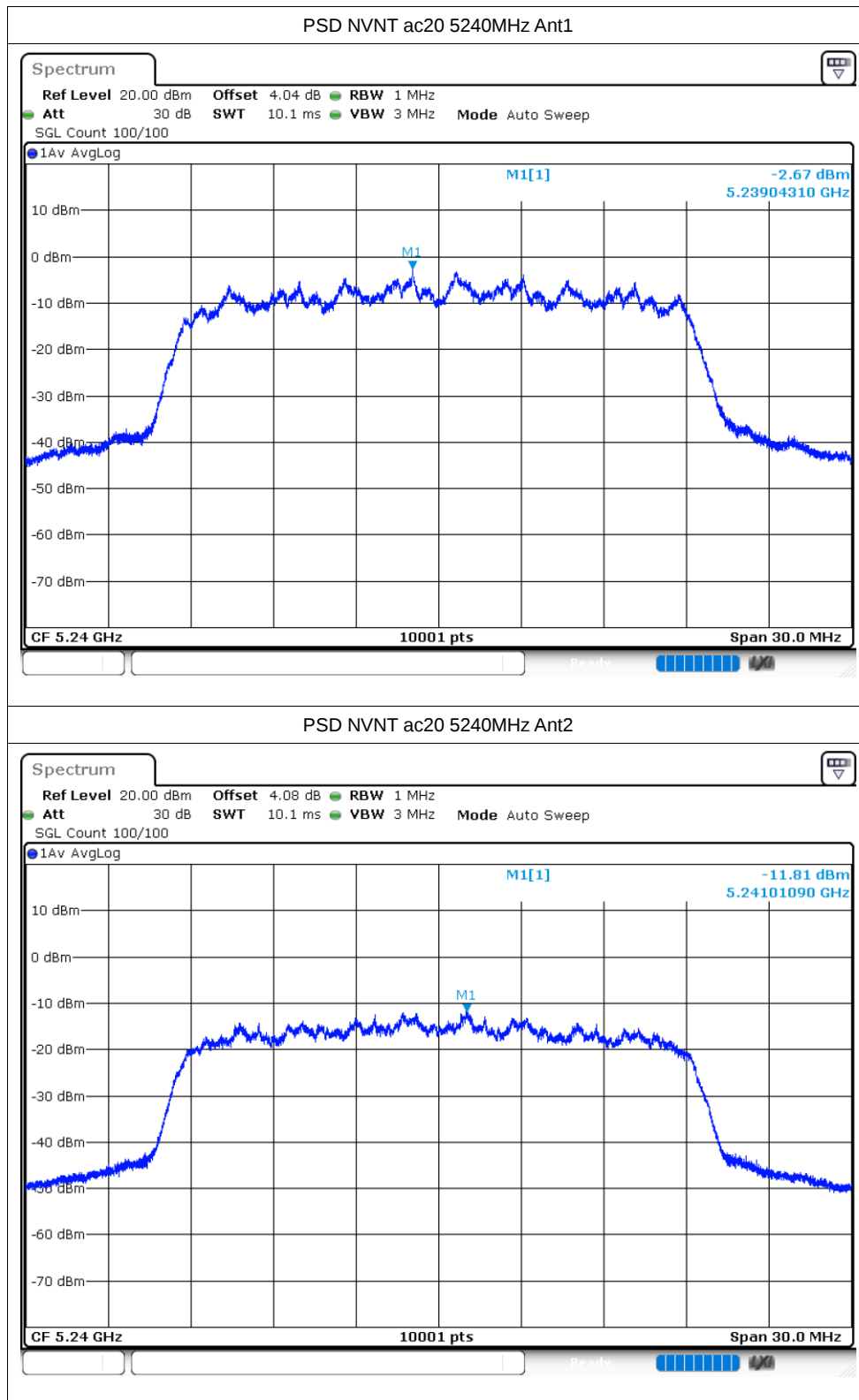
PSD NVNT ac20 5180MHz Ant1

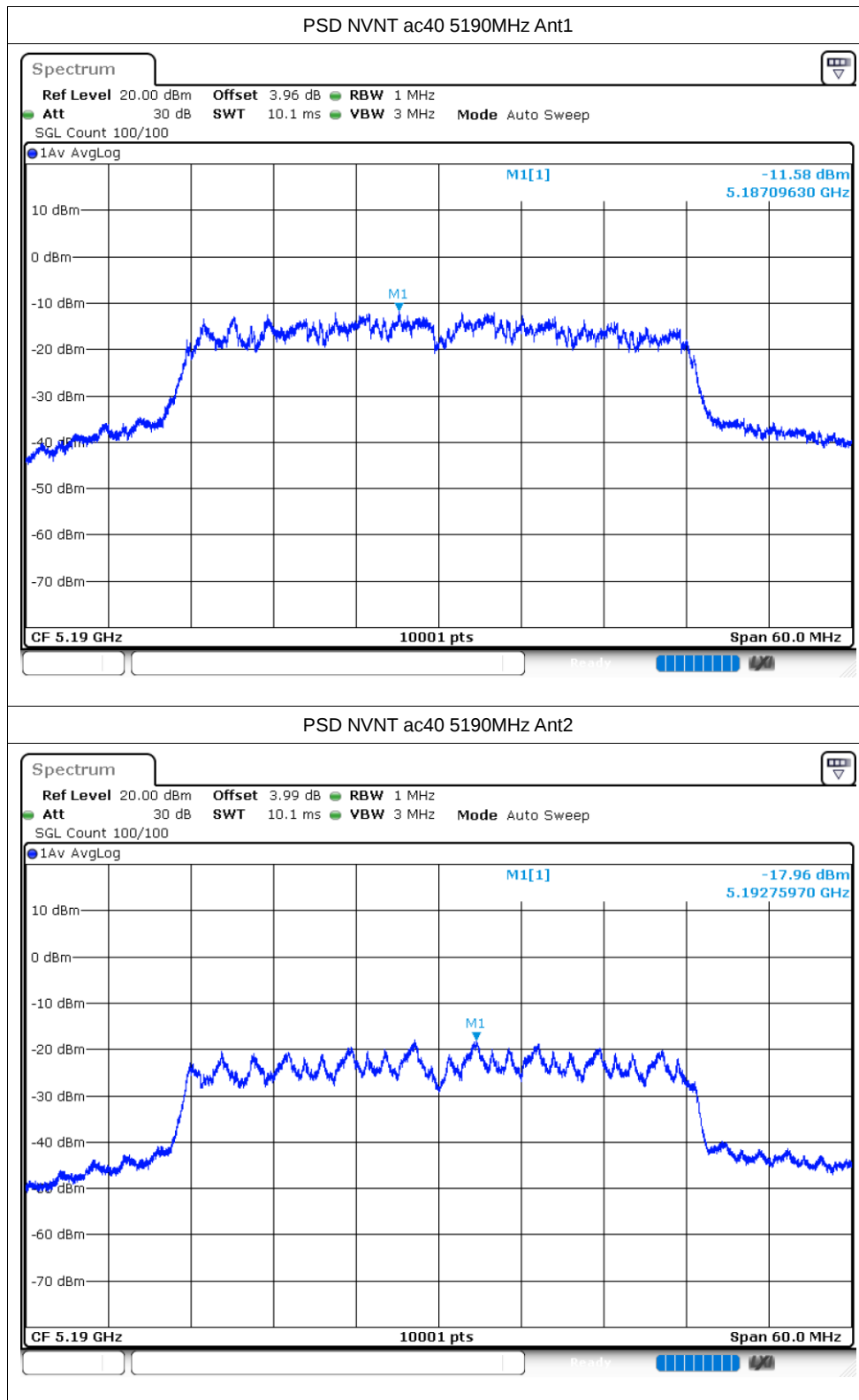


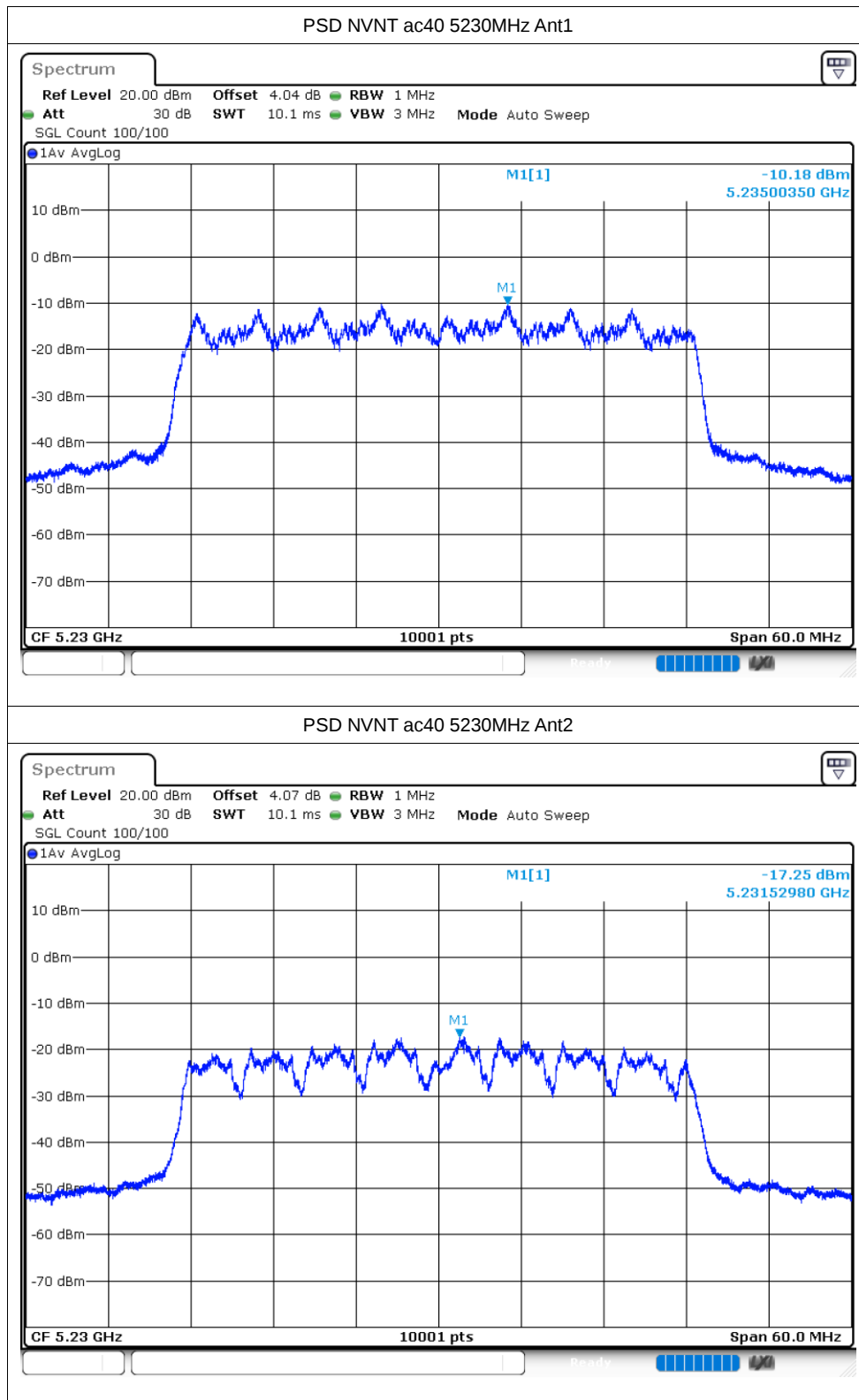
PSD NVNT ac20 5180MHz Ant2

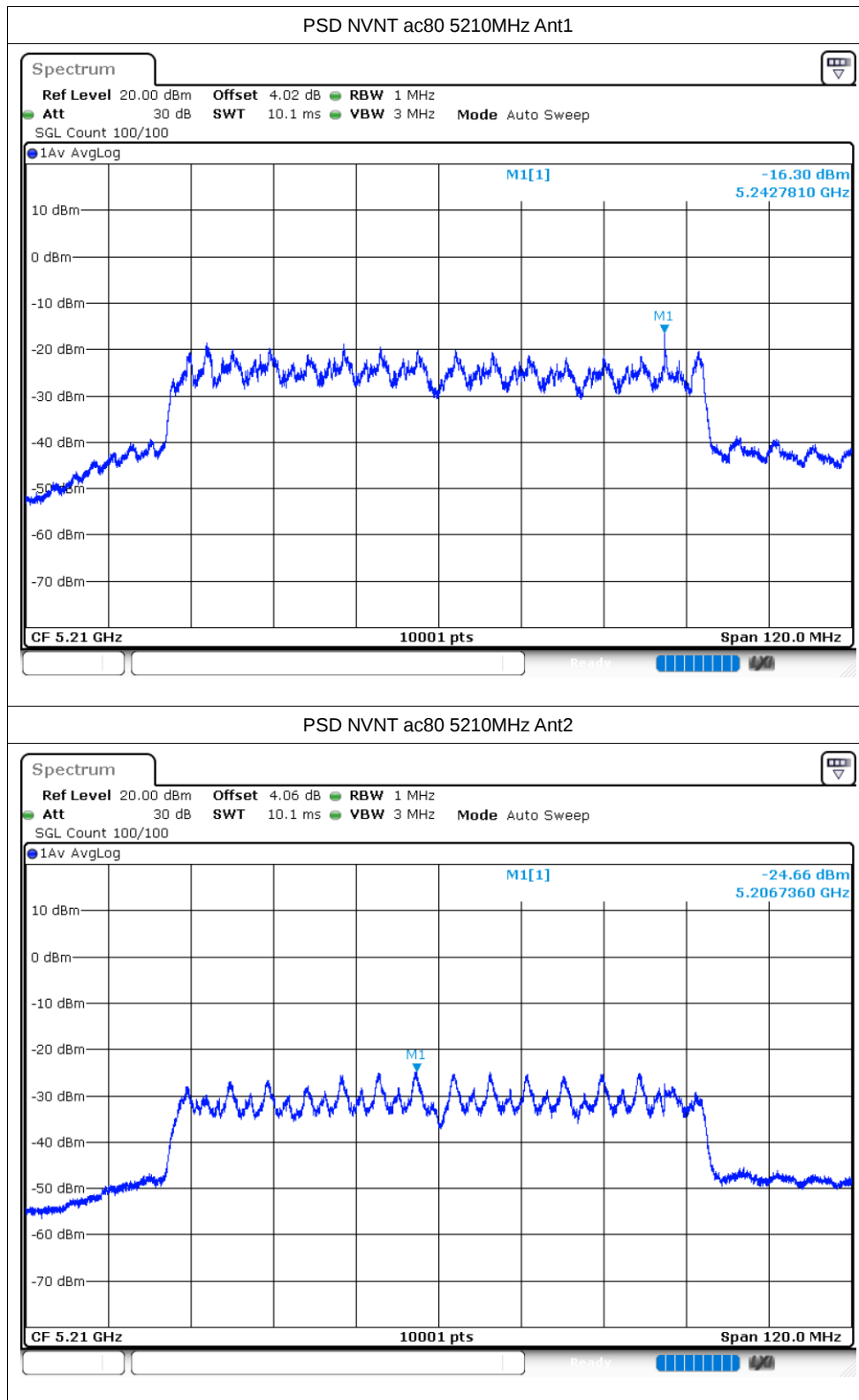


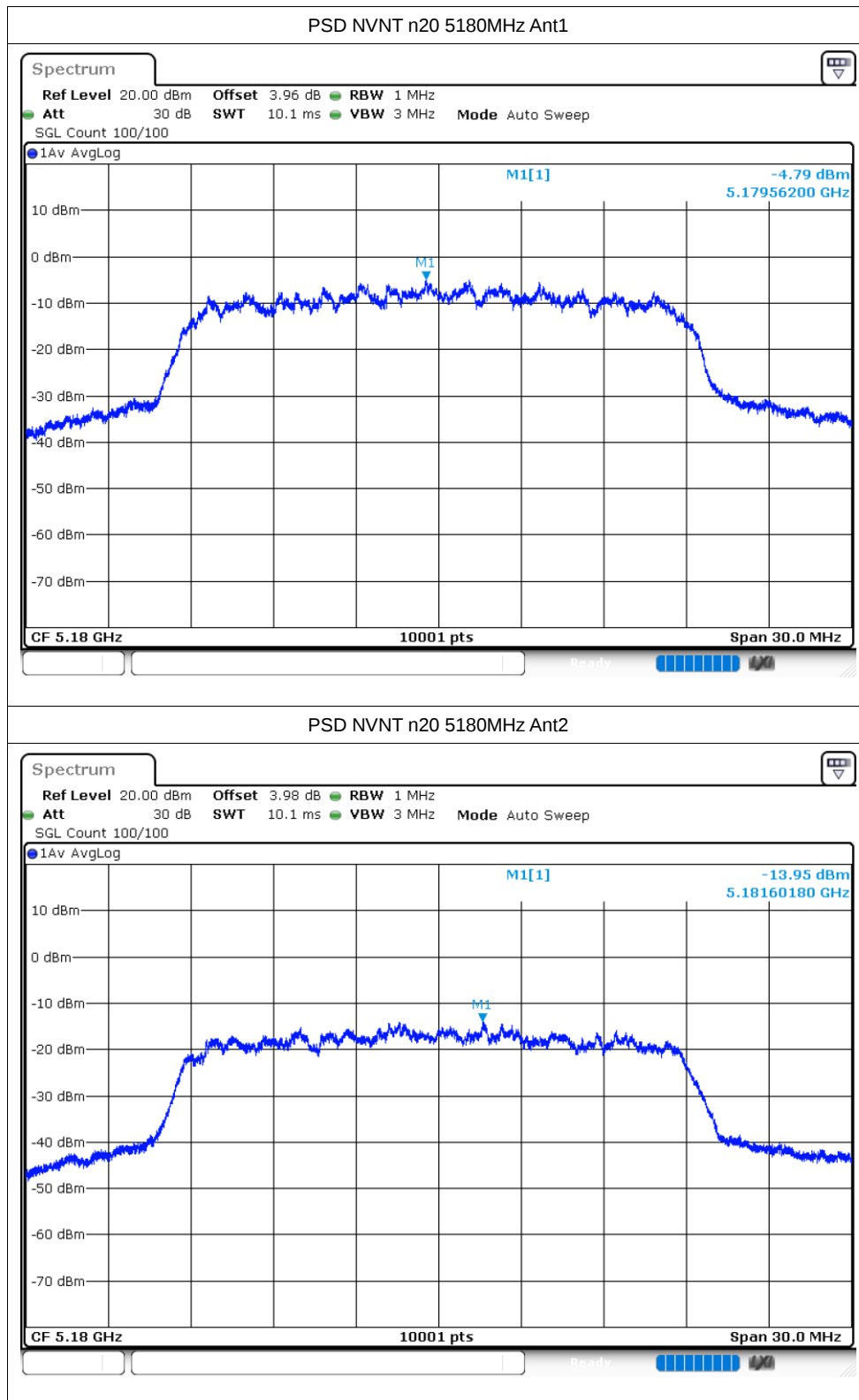


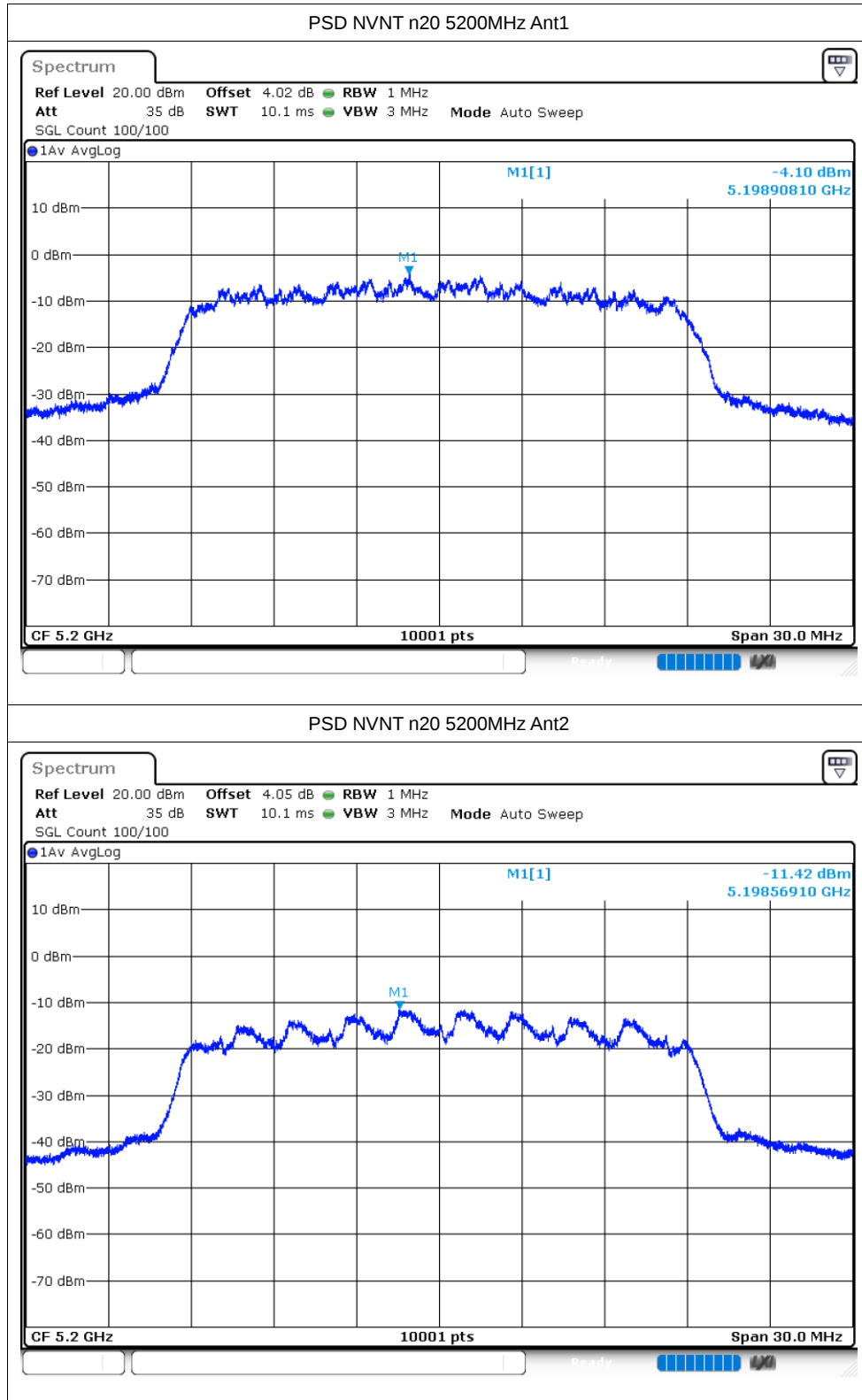


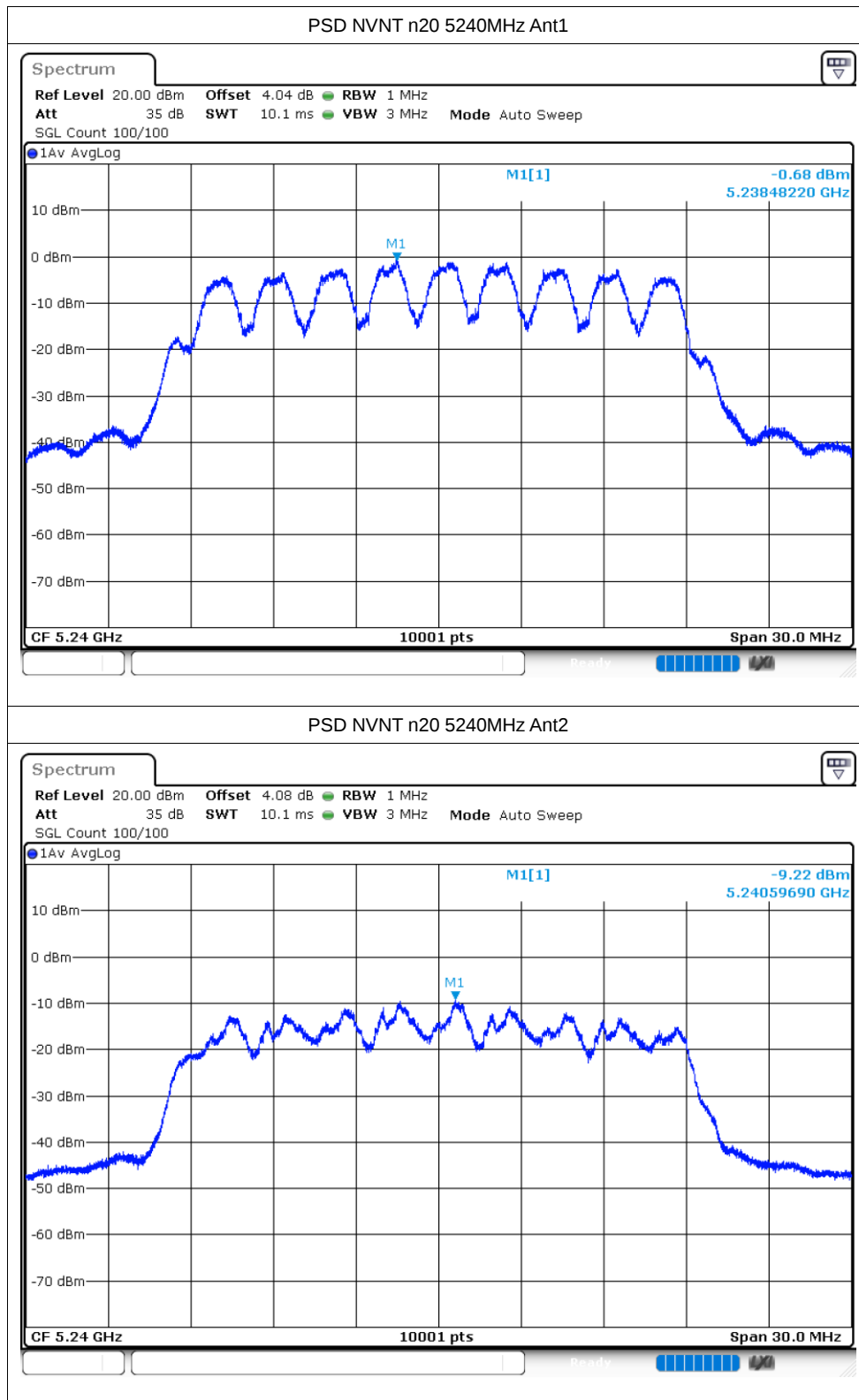


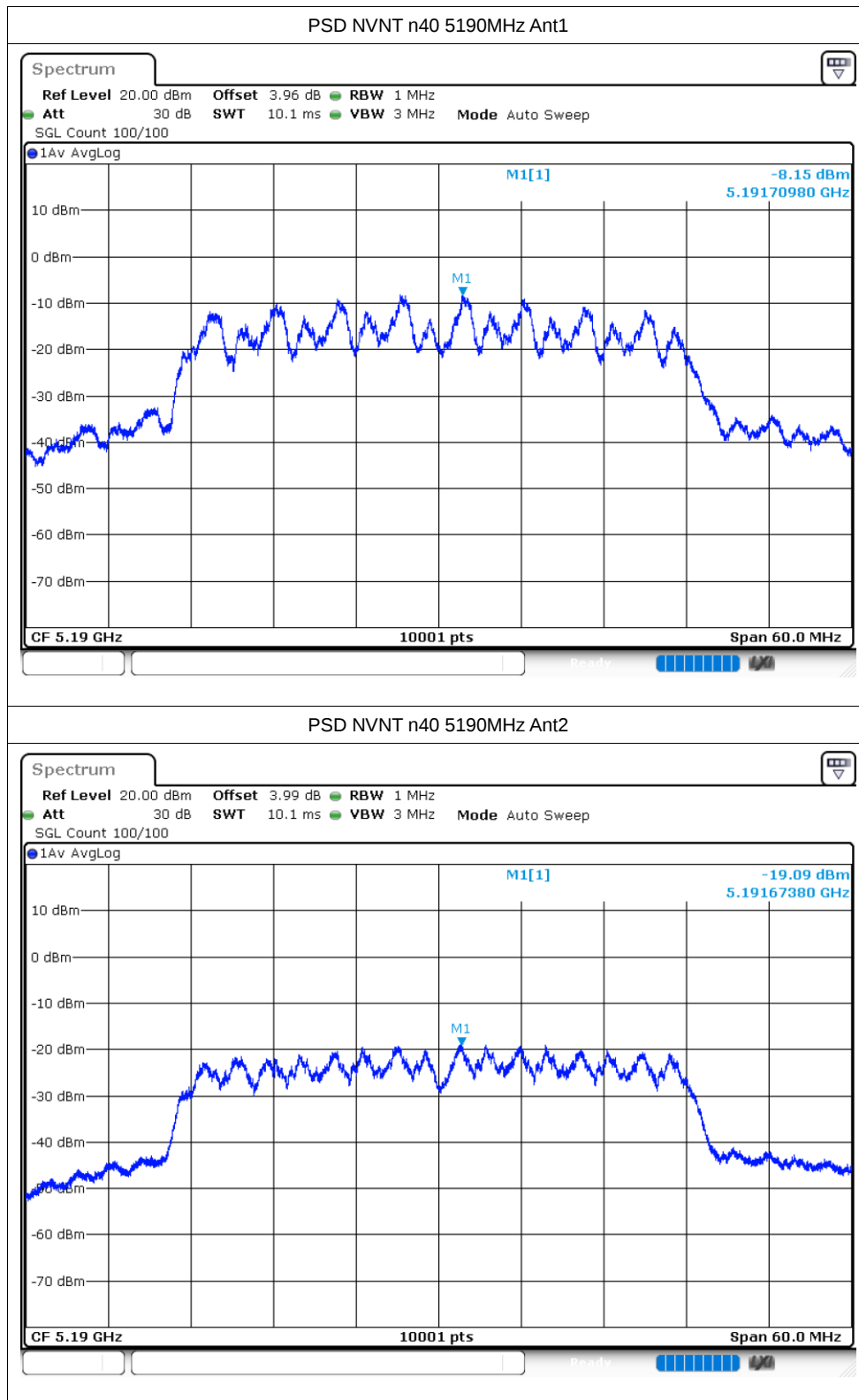


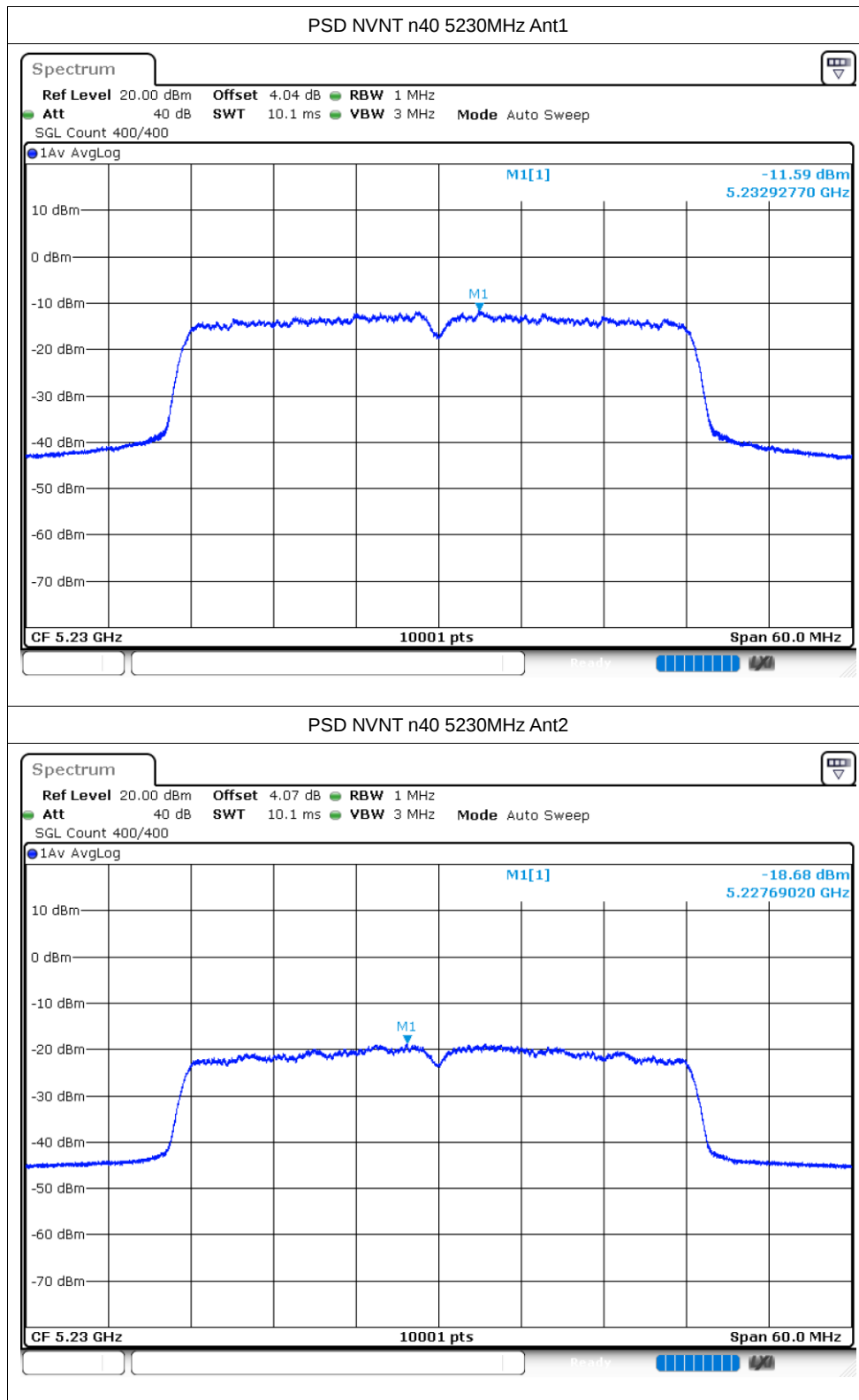










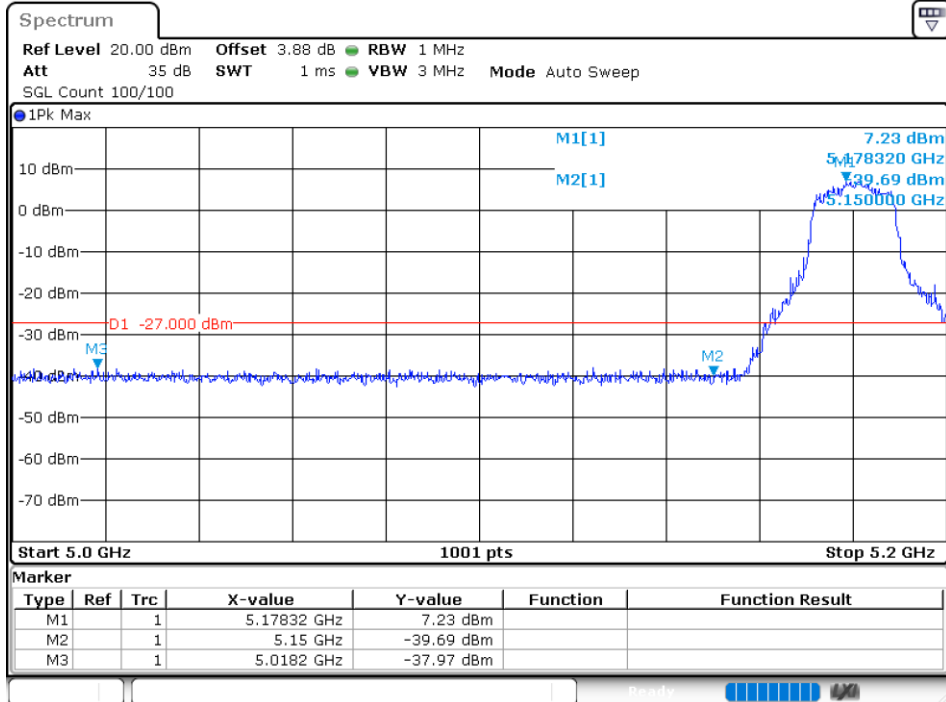


Band Edge

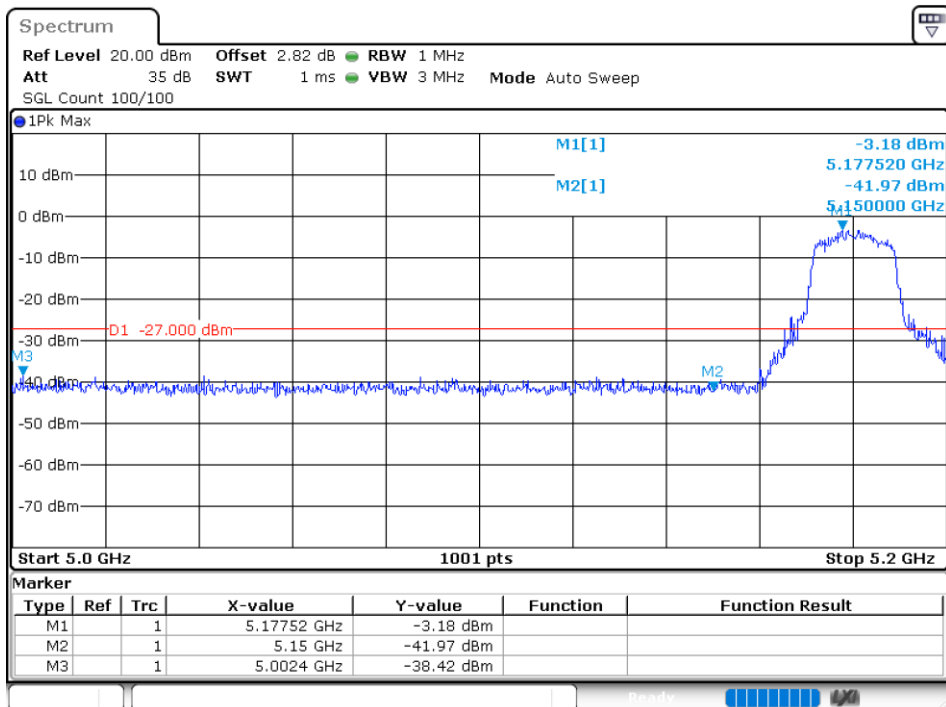
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5180	Ant1	-37.97	-27	Pass
NVNT	ac20	5180	Ant2	-38.41	-27	Pass
NVNT	ac20	5240	Ant1	-37.16	-27	Pass
NVNT	ac20	5240	Ant2	-38.68	-27	Pass
NVNT	ac40	5190	Ant1	-37.28	-27	Pass
NVNT	ac40	5190	Ant2	-38.64	-27	Pass
NVNT	ac40	5230	Ant1	-37.19	-27	Pass
NVNT	ac40	5230	Ant2	-39.12	-27	Pass
NVNT	ac80	5210	Ant1	-37.82	-27	Pass
NVNT	ac80	5210	Ant2	-38.55	-27	Pass
NVNT	n20	5180	Ant1	-42.47	-27	Pass
NVNT	n20	5180	Ant2	-43.98	-27	Pass
NVNT	n20	5240	Ant1	-37.48	-27	Pass
NVNT	n20	5240	Ant2	-38.34	-27	Pass
NVNT	n40	5190	Ant1	-38.03	-27	Pass
NVNT	n40	5190	Ant2	-37.97	-27	Pass
NVNT	n40	5230	Ant1	-43.16	-27	Pass
NVNT	n40	5230	Ant2	-45.19	-27	Pass

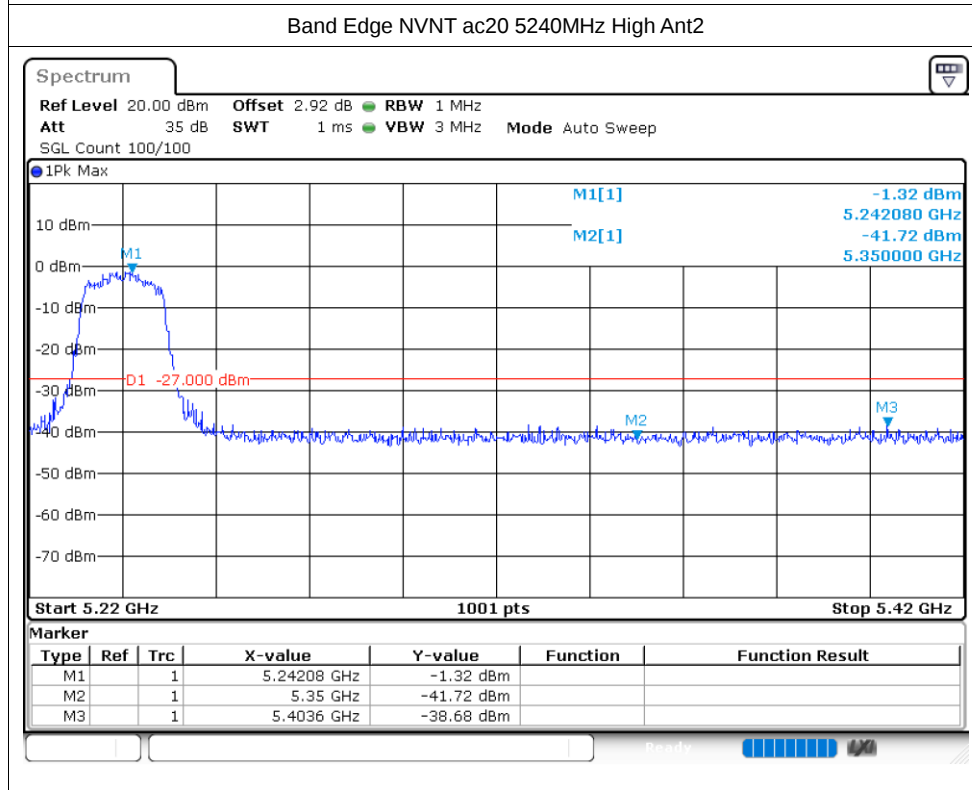
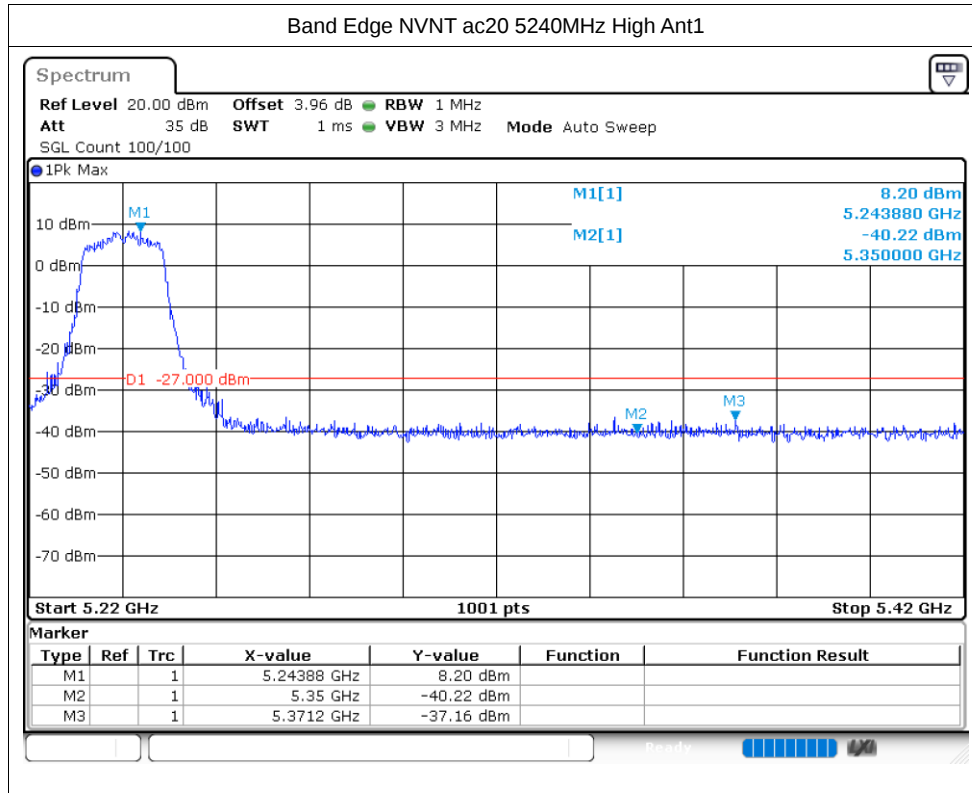
Test Graphs

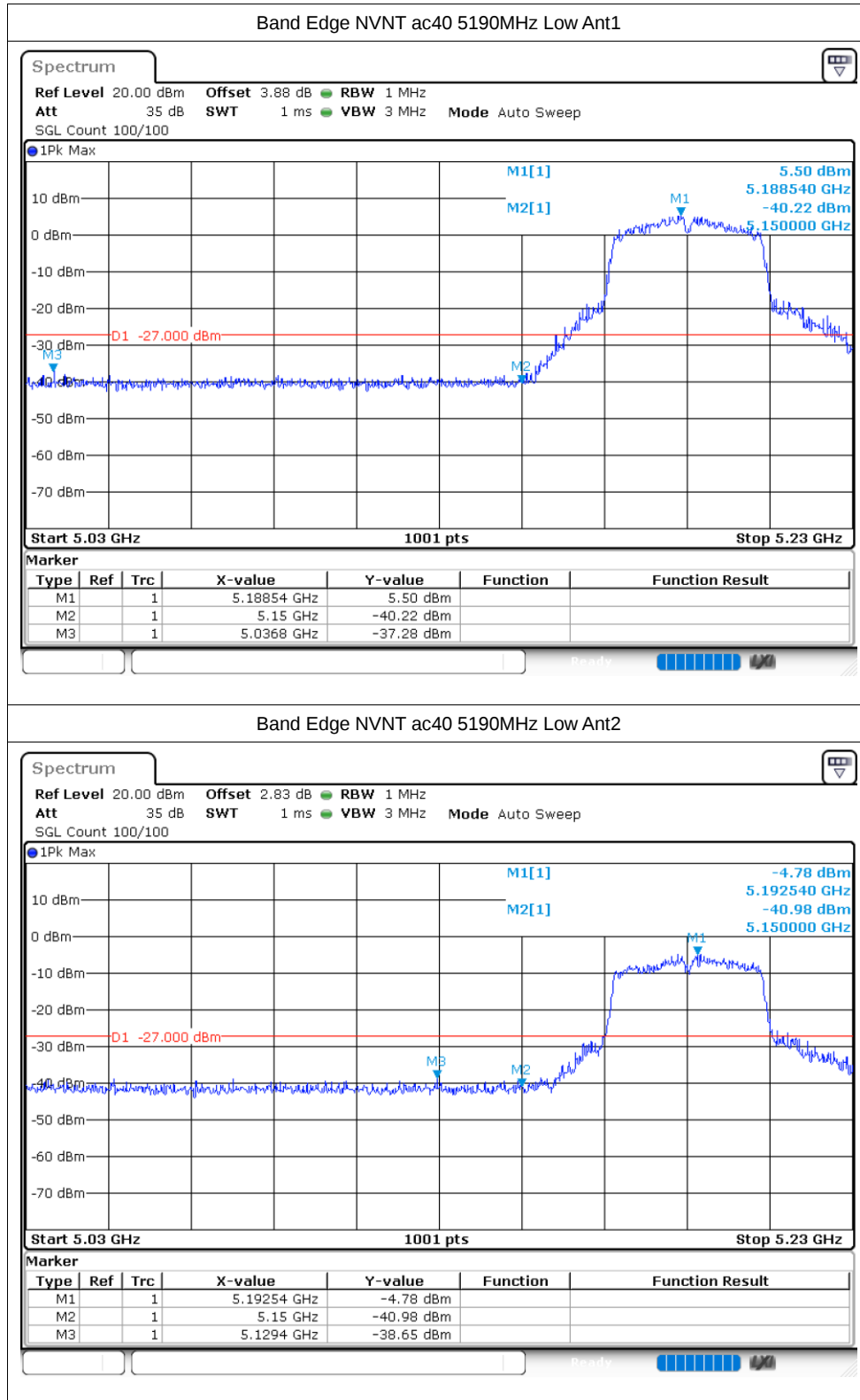
Band Edge NVNT ac20 5180MHz Low Ant1

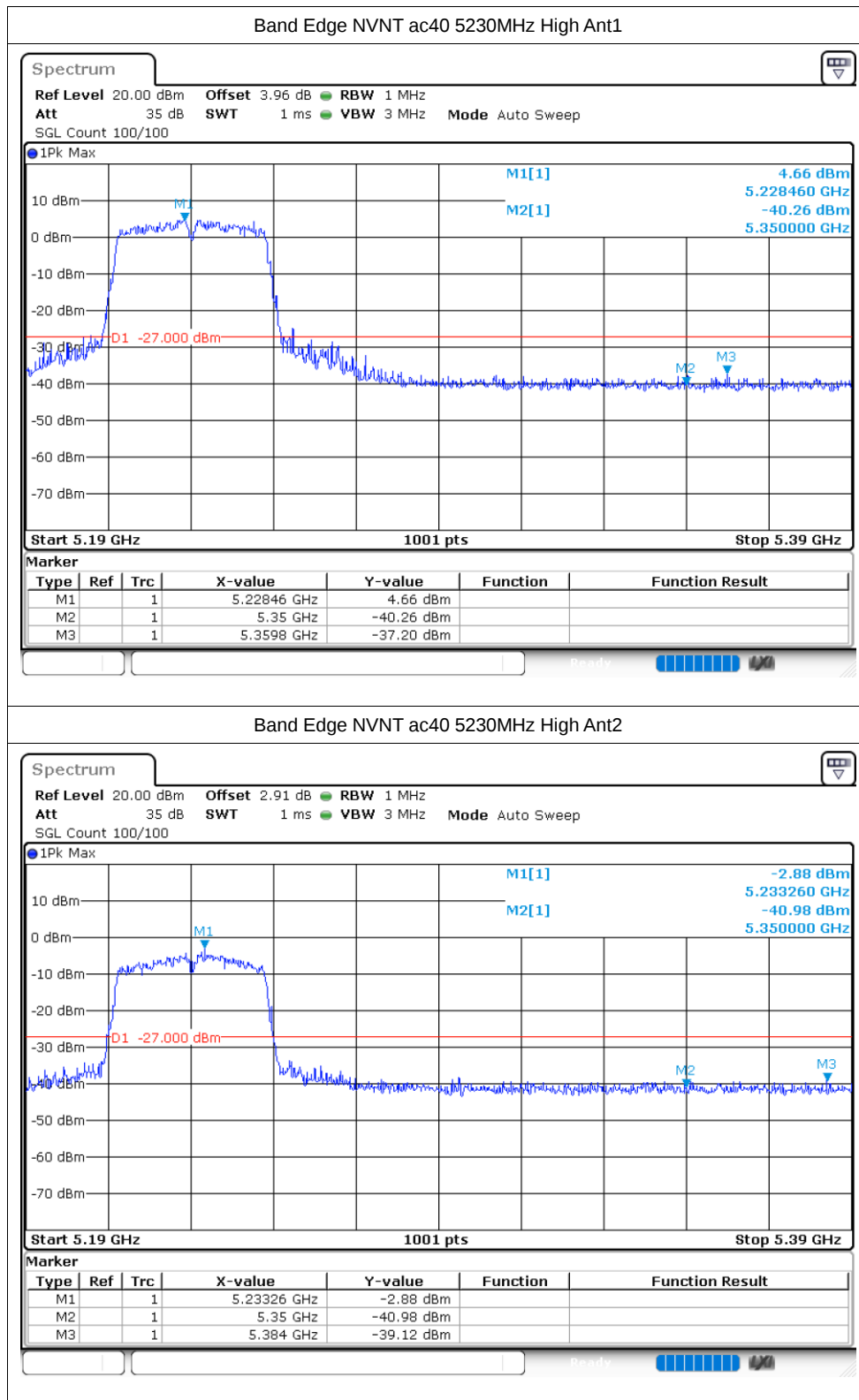


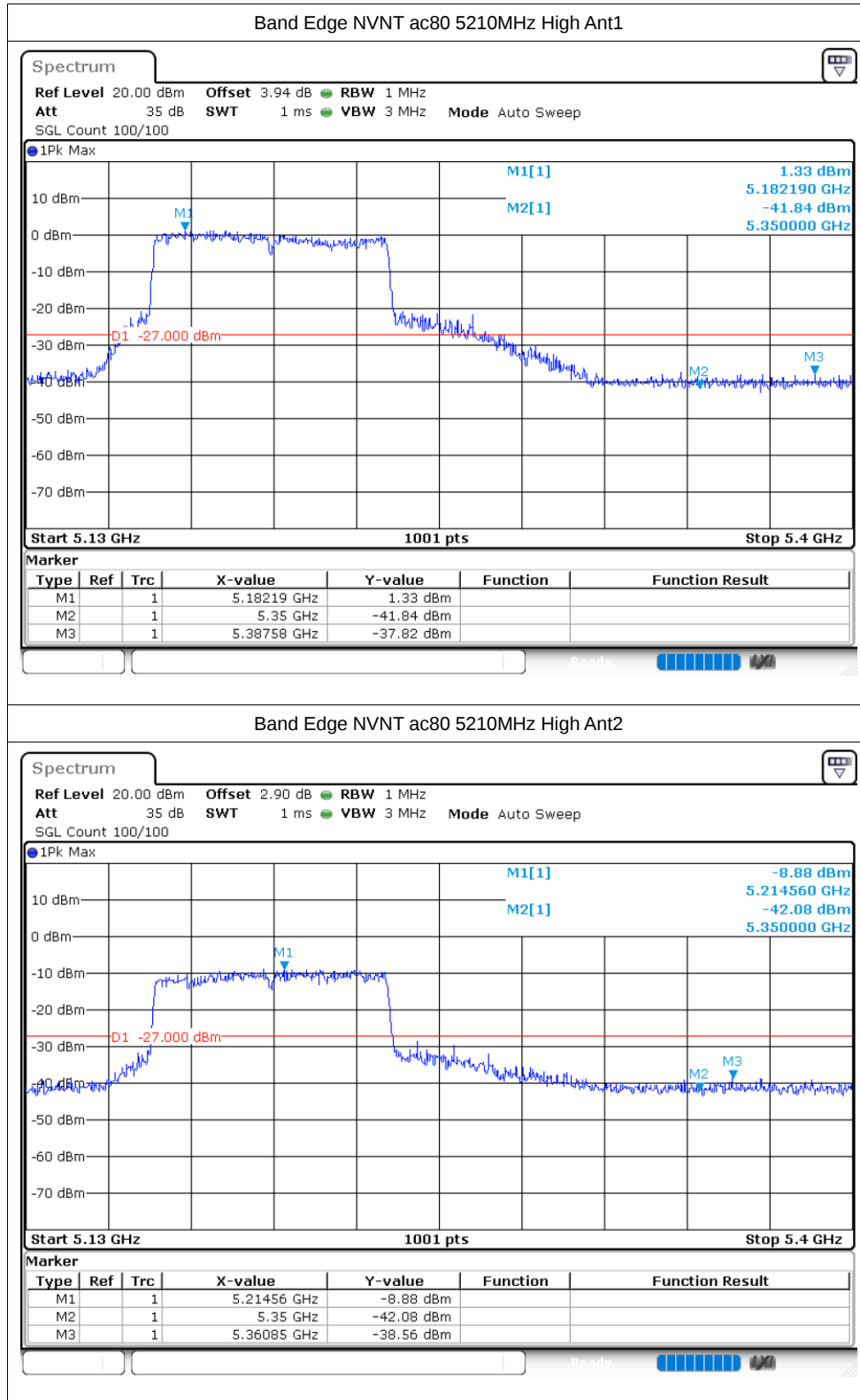
Band Edge NVNT ac20 5180MHz Low Ant2

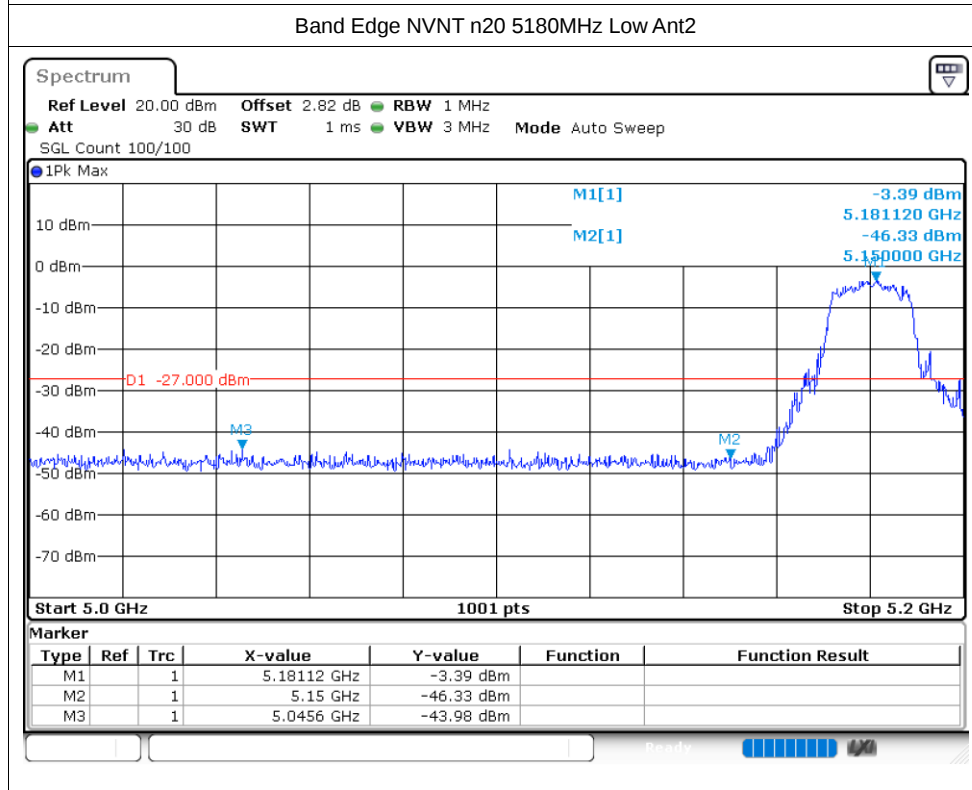
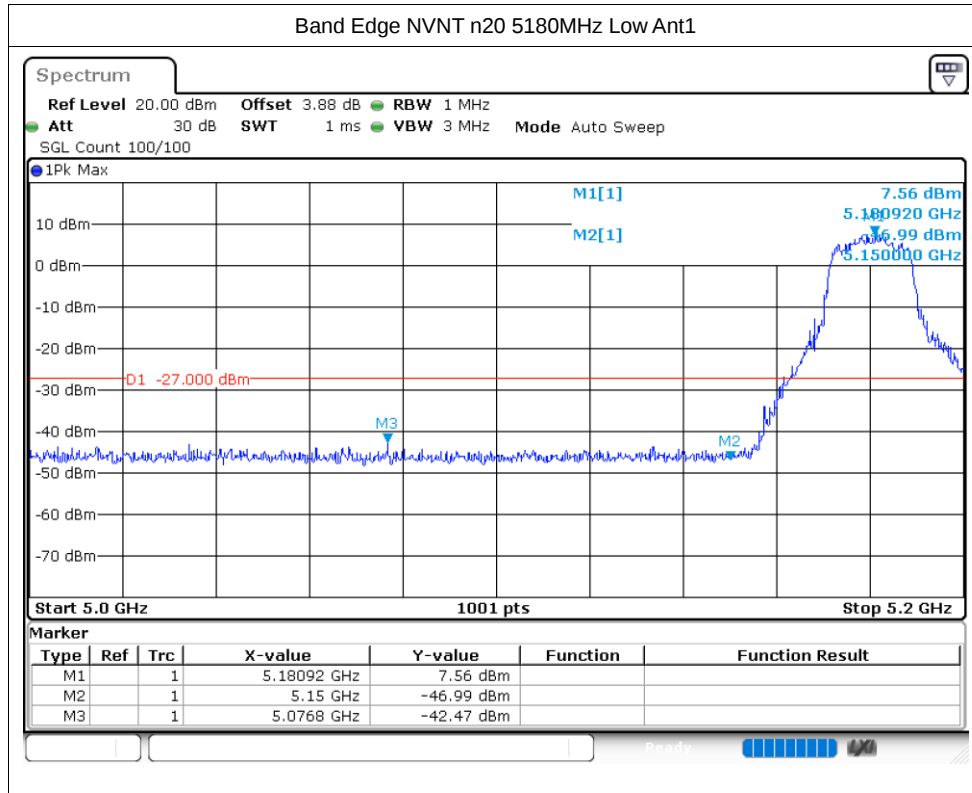


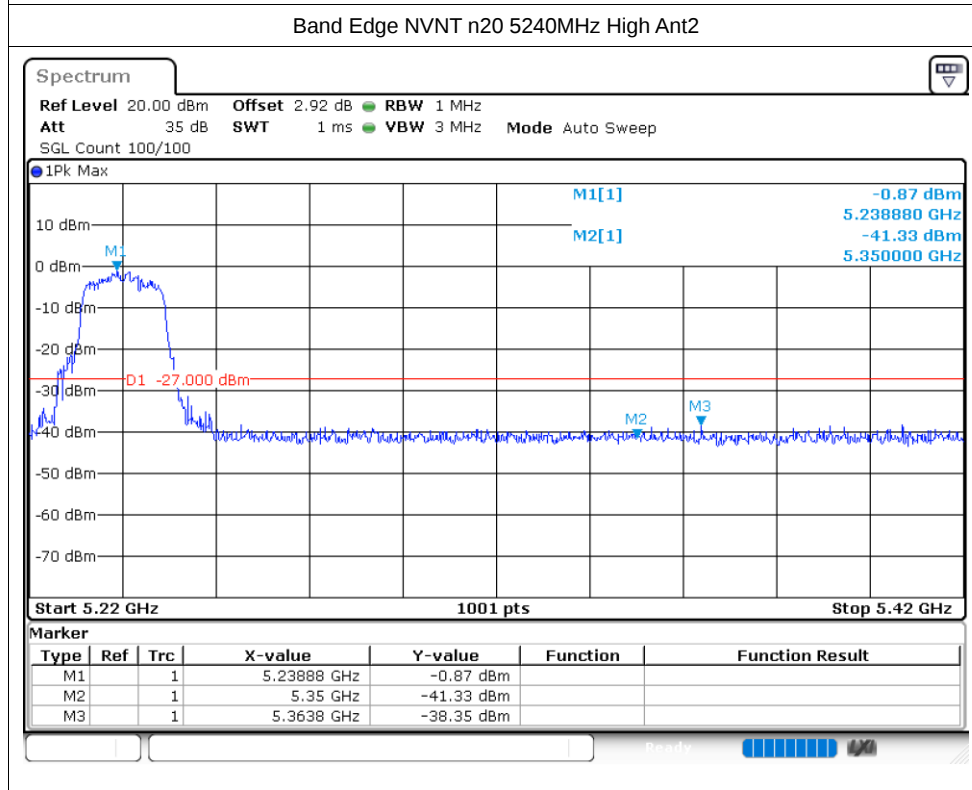
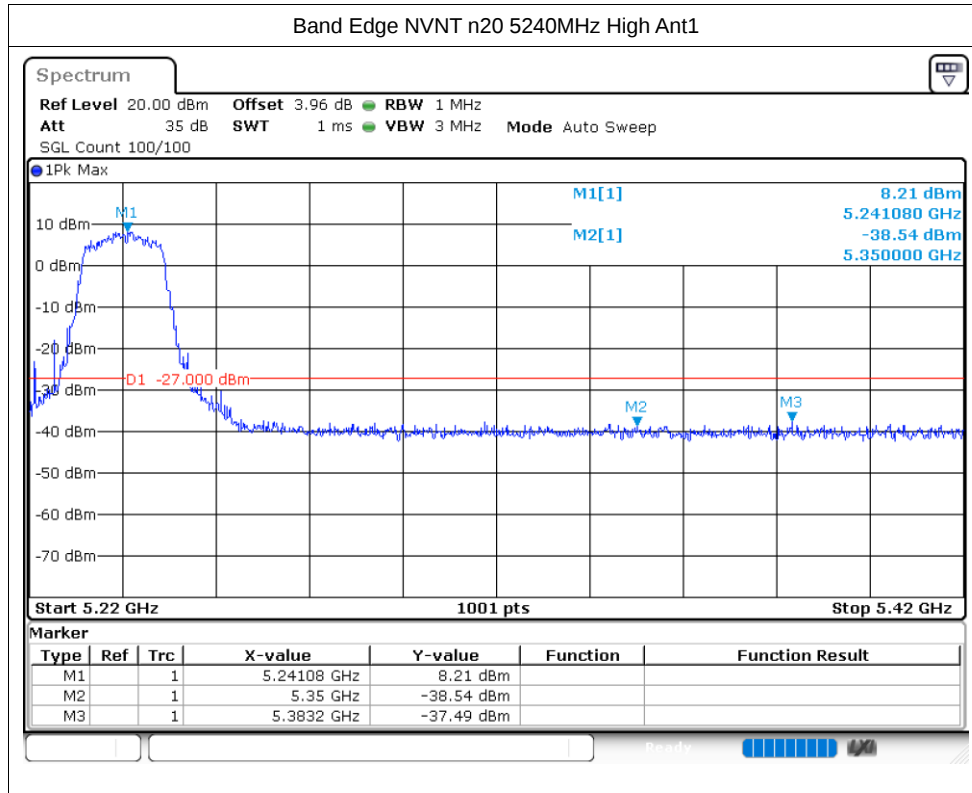


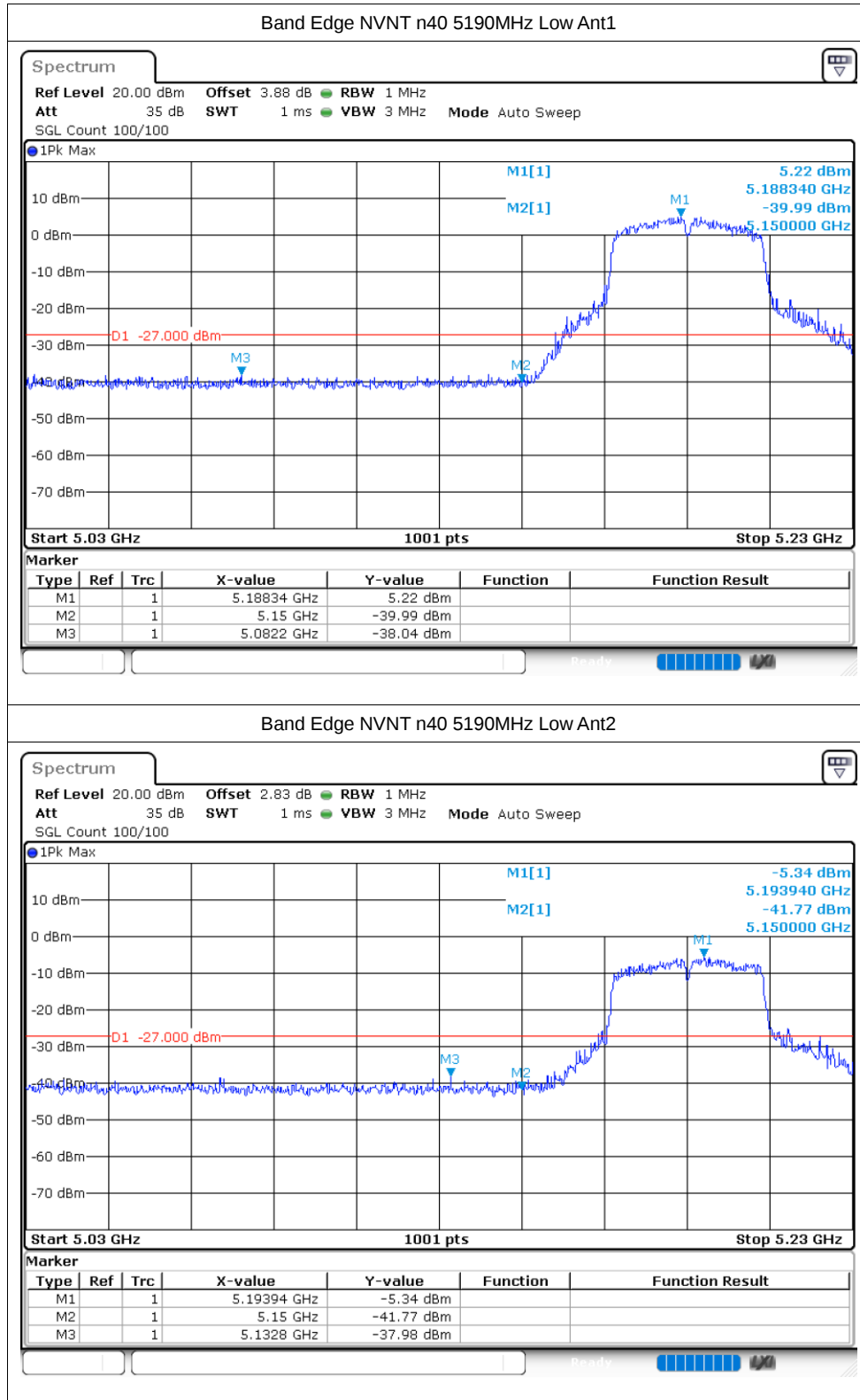


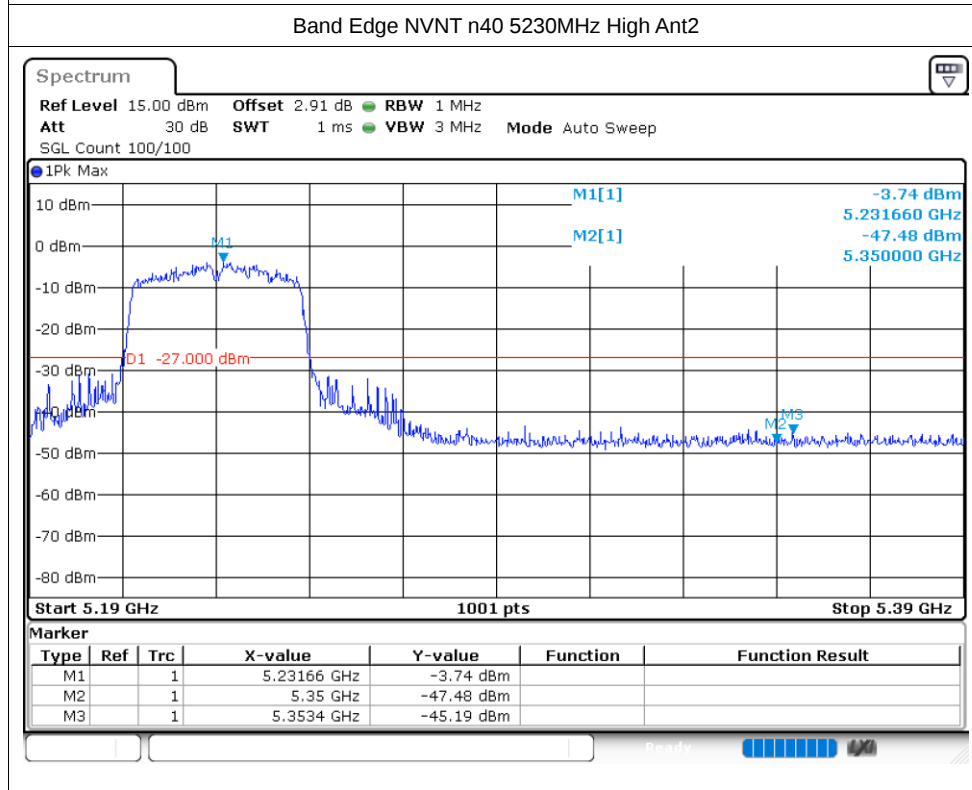
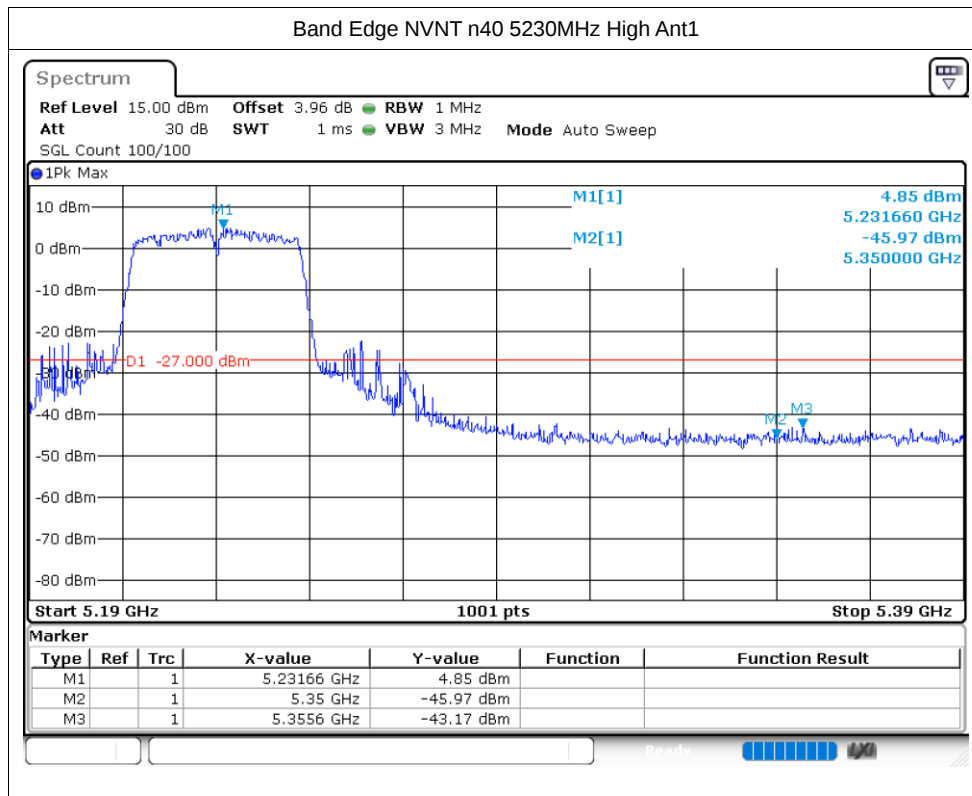






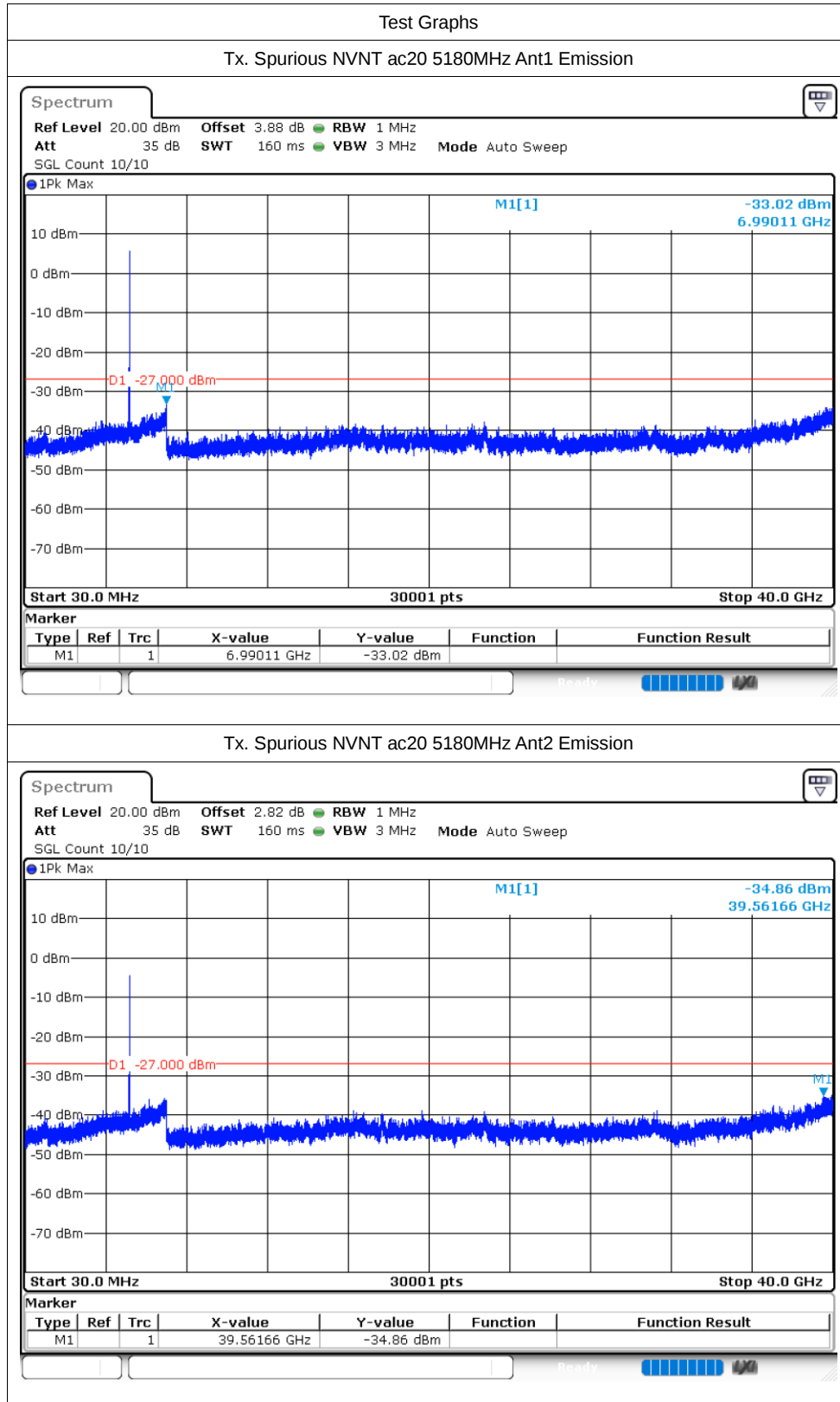


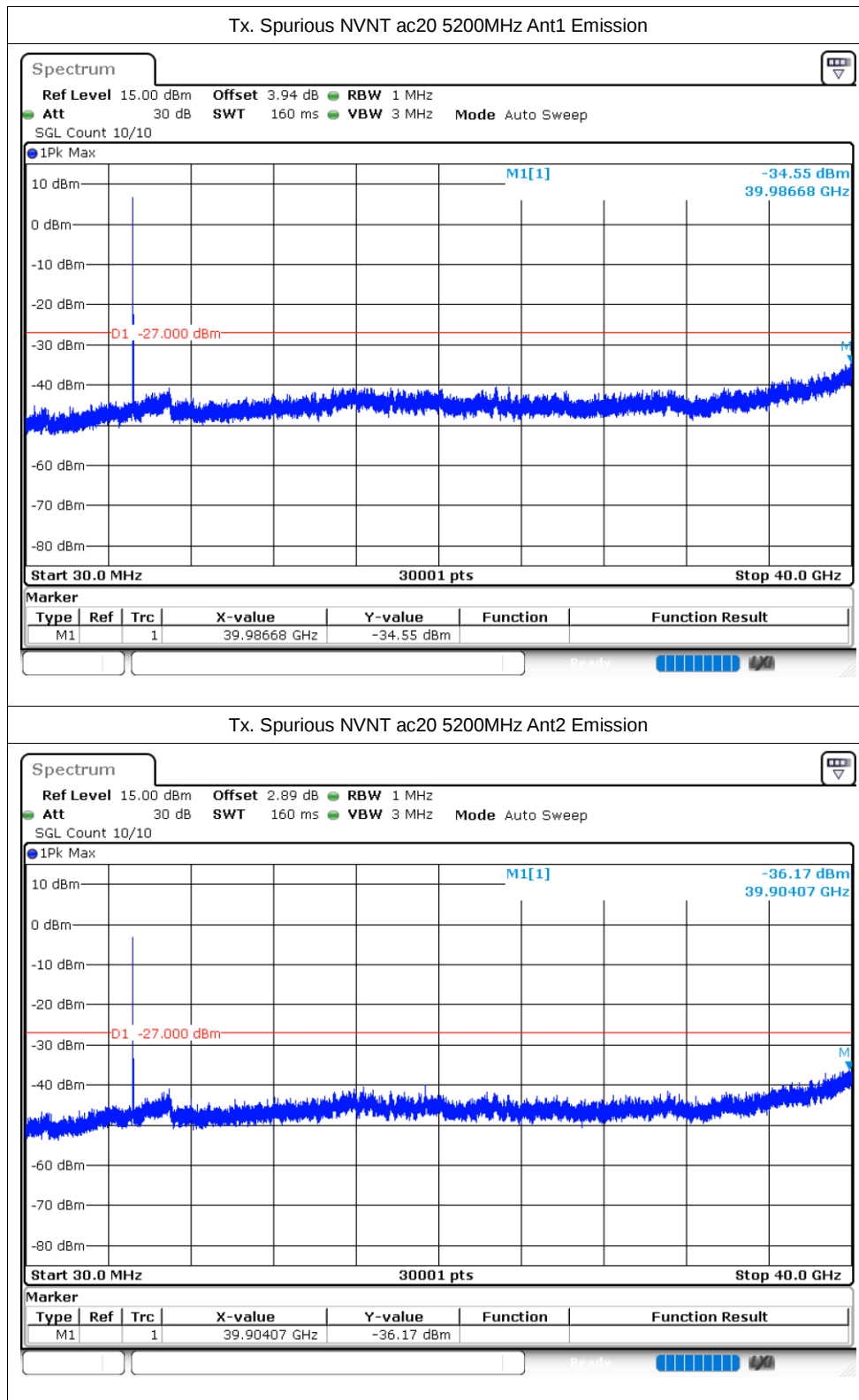


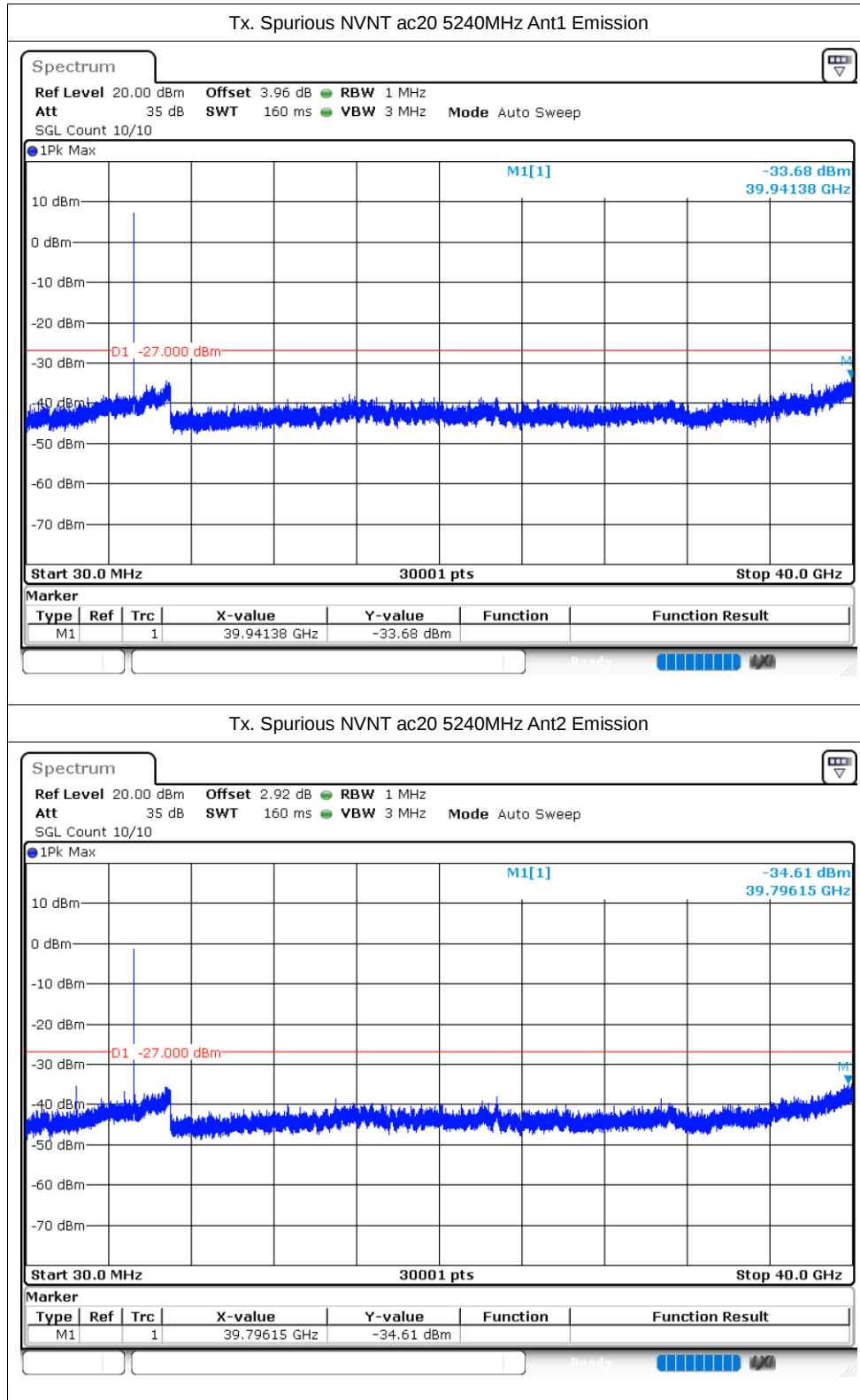


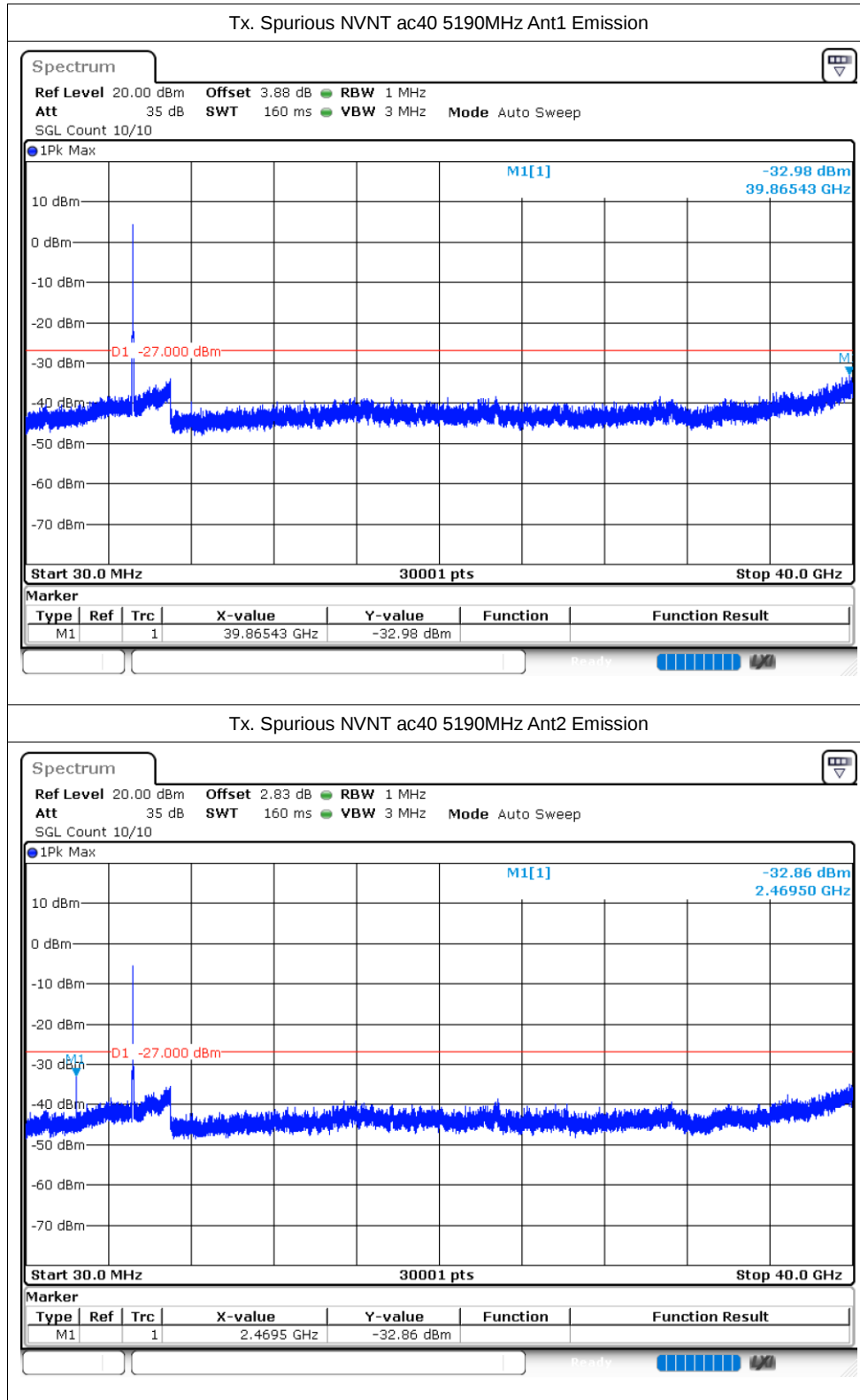
Conducted RF Spurious Emission

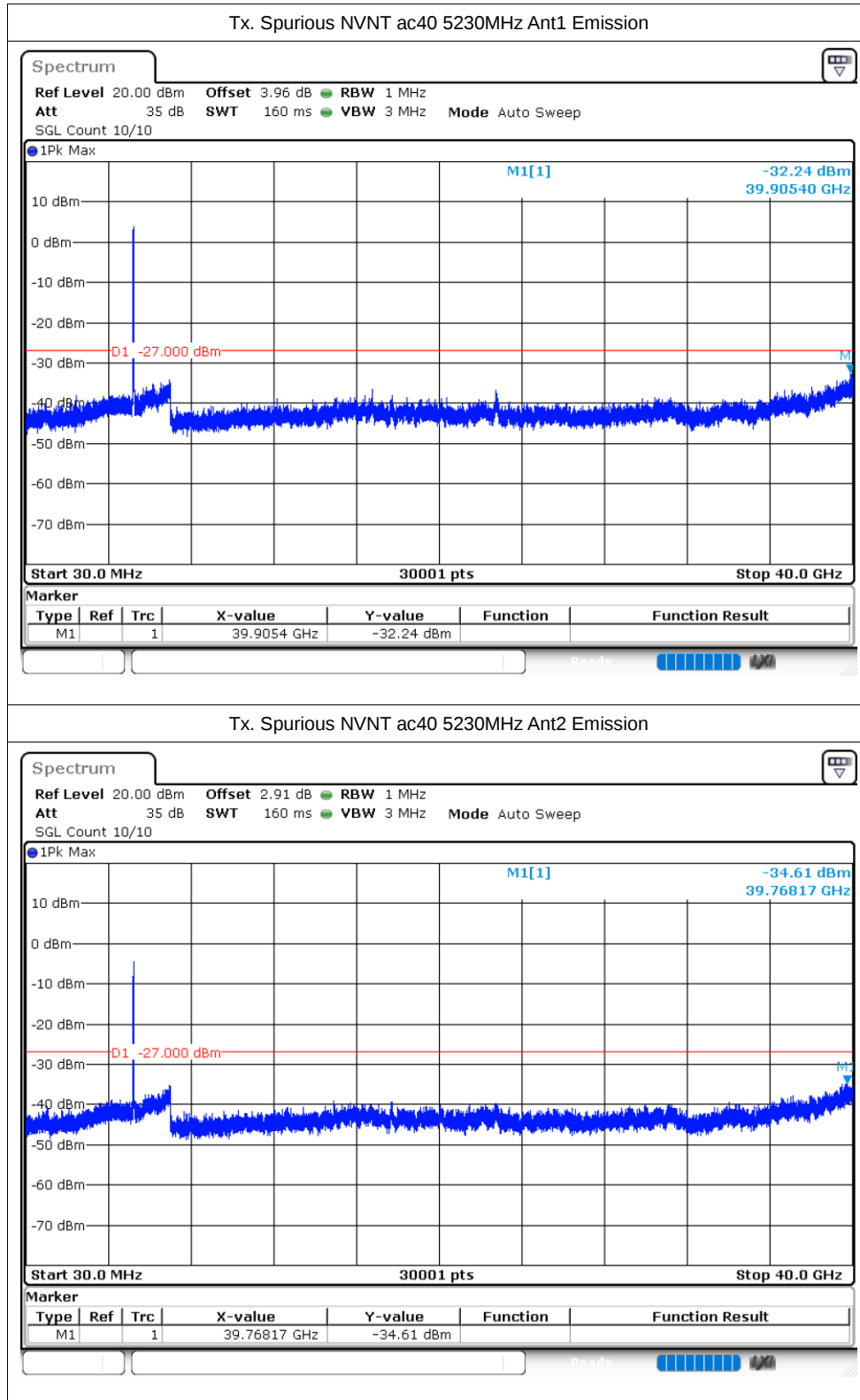
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5180	Ant1	-33.02	-27	Pass
NVNT	ac20	5180	Ant2	-34.85	-27	Pass
NVNT	ac20	5200	Ant1	-34.55	-27	Pass
NVNT	ac20	5200	Ant2	-36.16	-27	Pass
NVNT	ac20	5240	Ant1	-33.67	-27	Pass
NVNT	ac20	5240	Ant2	-34.61	-27	Pass
NVNT	ac40	5190	Ant1	-32.97	-27	Pass
NVNT	ac40	5190	Ant2	-32.85	-27	Pass
NVNT	ac40	5230	Ant1	-32.24	-27	Pass
NVNT	ac40	5230	Ant2	-34.6	-27	Pass
NVNT	ac80	5210	Ant1	-33.75	-27	Pass
NVNT	ac80	5210	Ant2	-33.69	-27	Pass
NVNT	n20	5180	Ant1	-29.06	-27	Pass
NVNT	n20	5180	Ant2	-33.45	-27	Pass
NVNT	n20	5200	Ant1	-33.63	-27	Pass
NVNT	n20	5200	Ant2	-34.92	-27	Pass
NVNT	n20	5240	Ant1	-34.08	-27	Pass
NVNT	n20	5240	Ant2	-33.48	-27	Pass
NVNT	n40	5190	Ant1	-33.28	-27	Pass
NVNT	n40	5190	Ant2	-34.97	-27	Pass
NVNT	n40	5230	Ant1	-33.96	-27	Pass
NVNT	n40	5230	Ant2	-34.36	-27	Pass

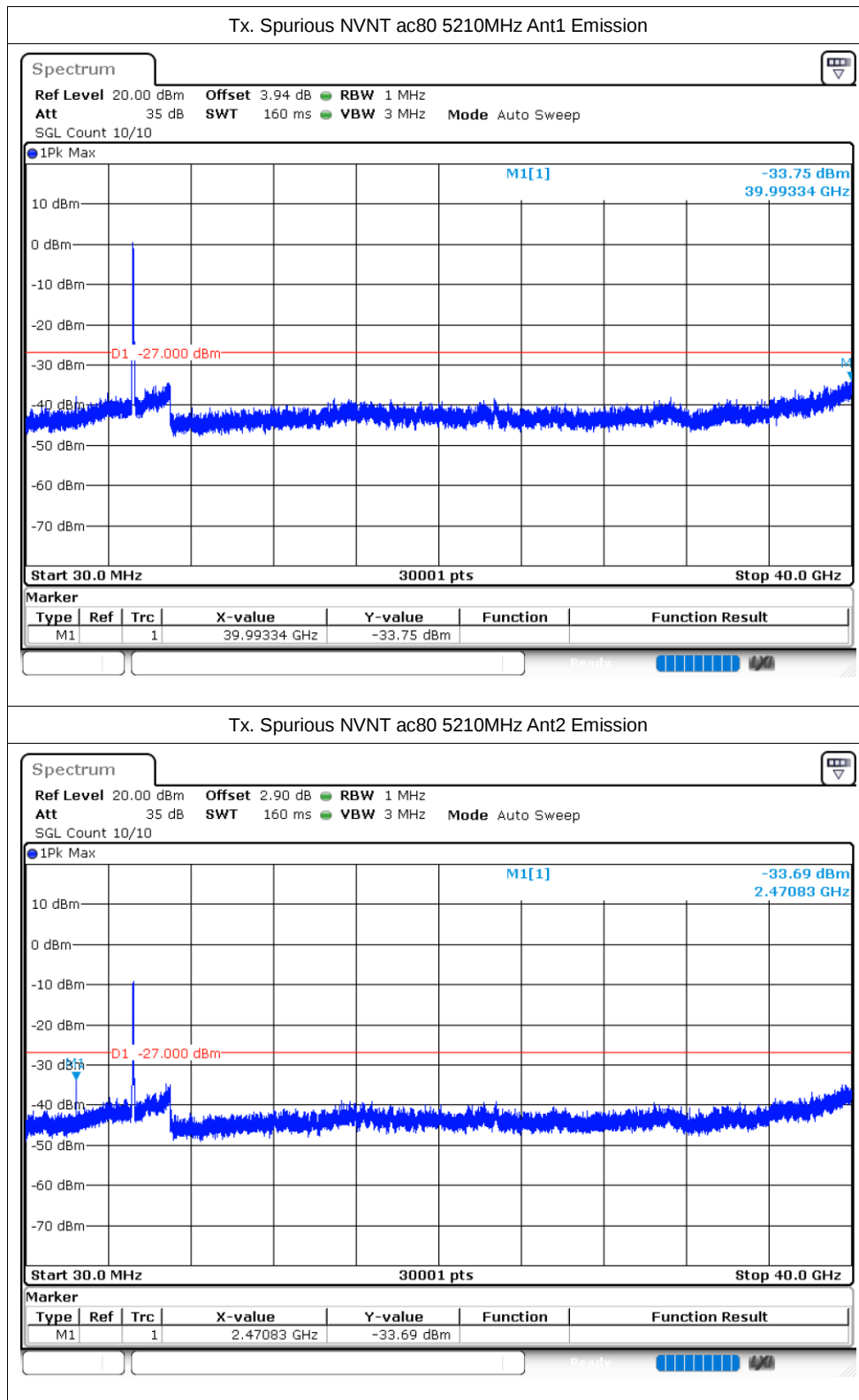


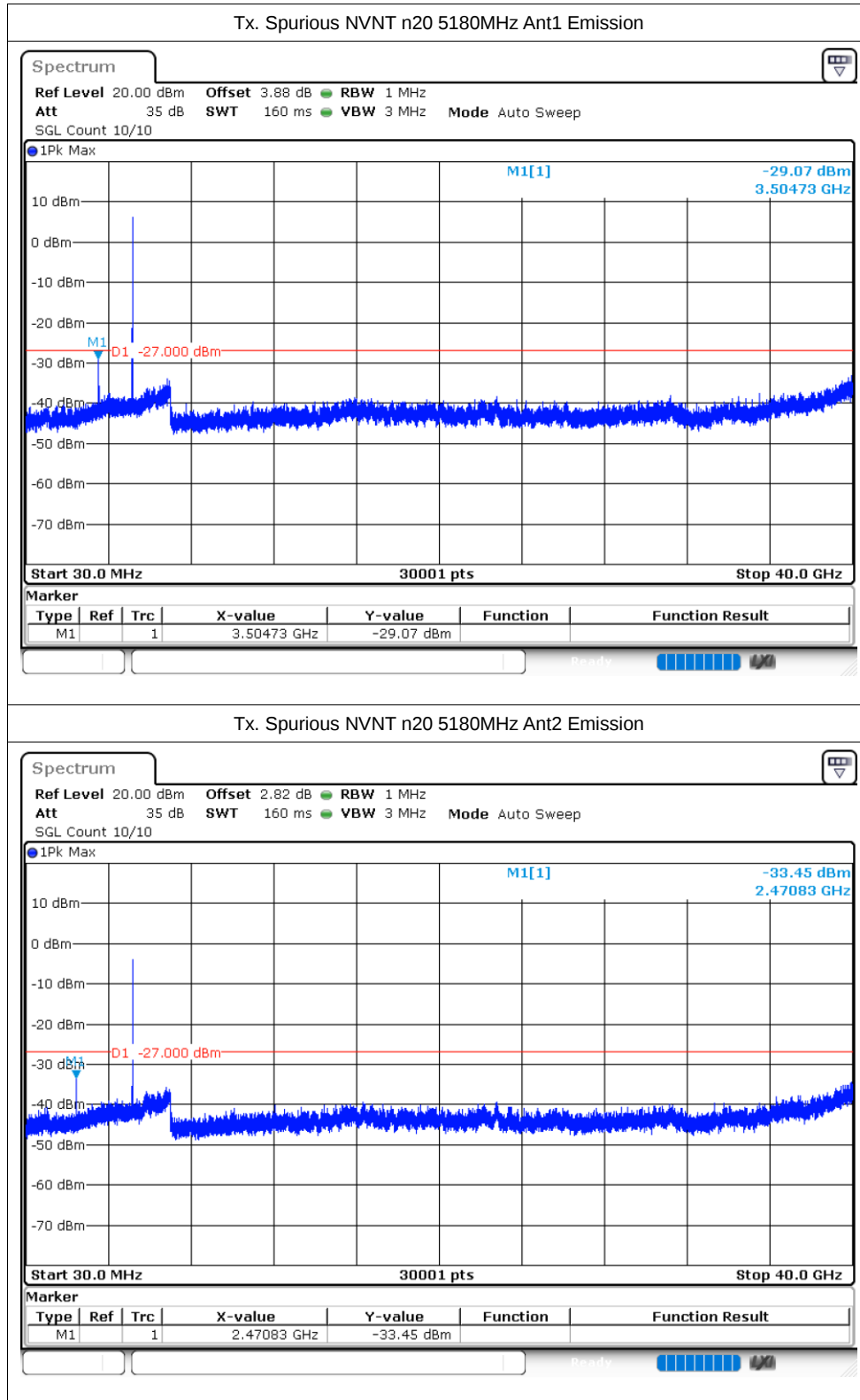


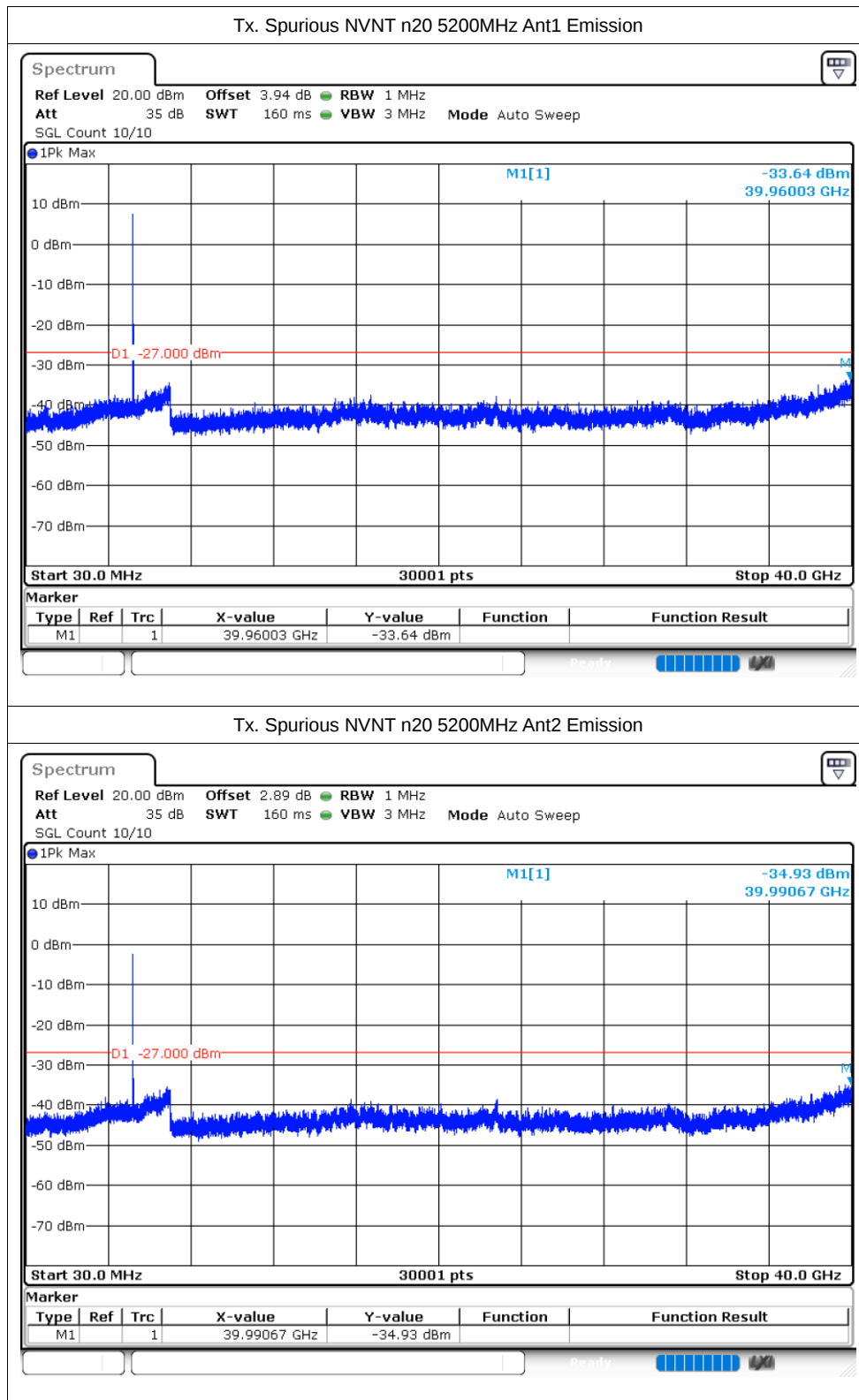


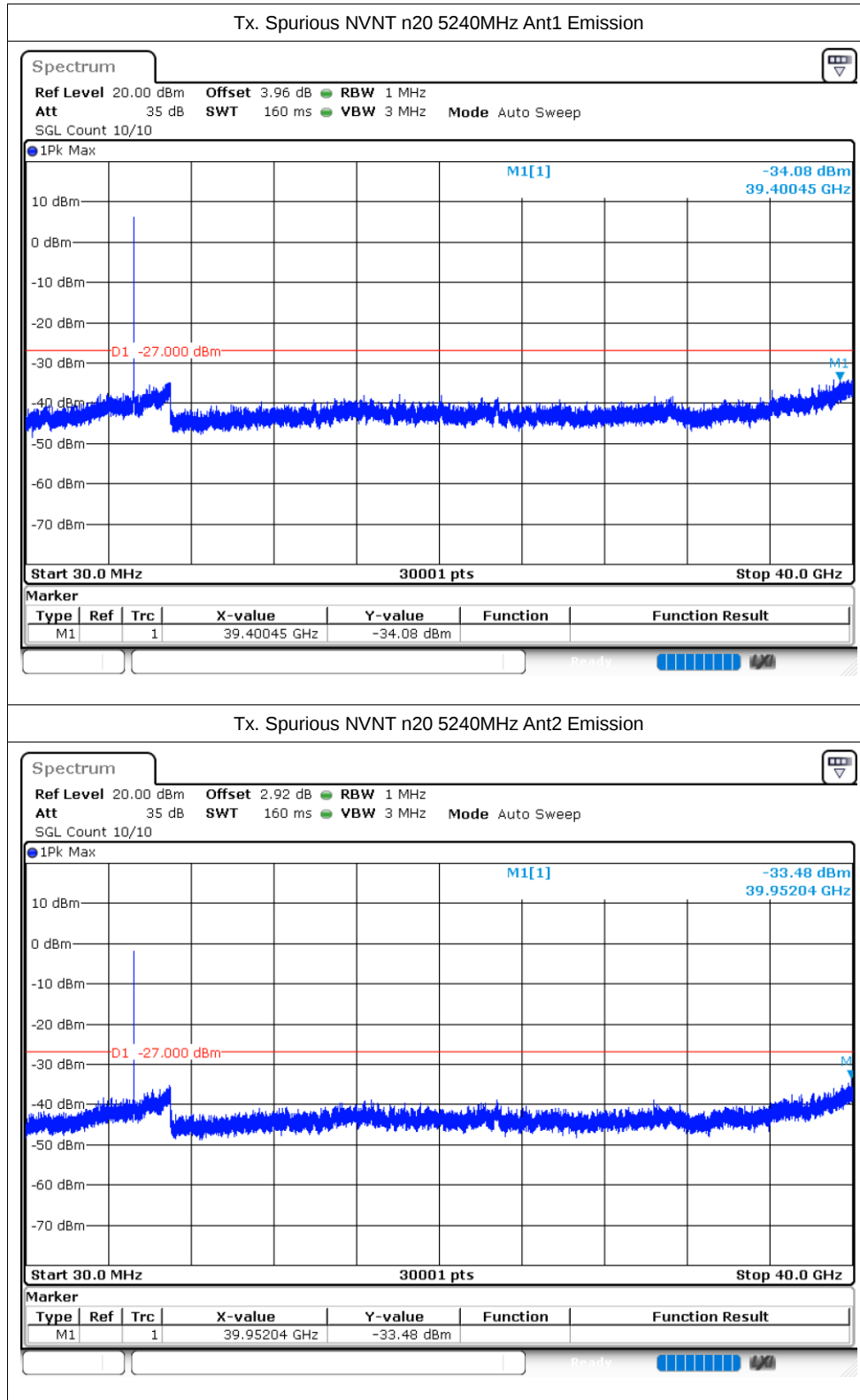


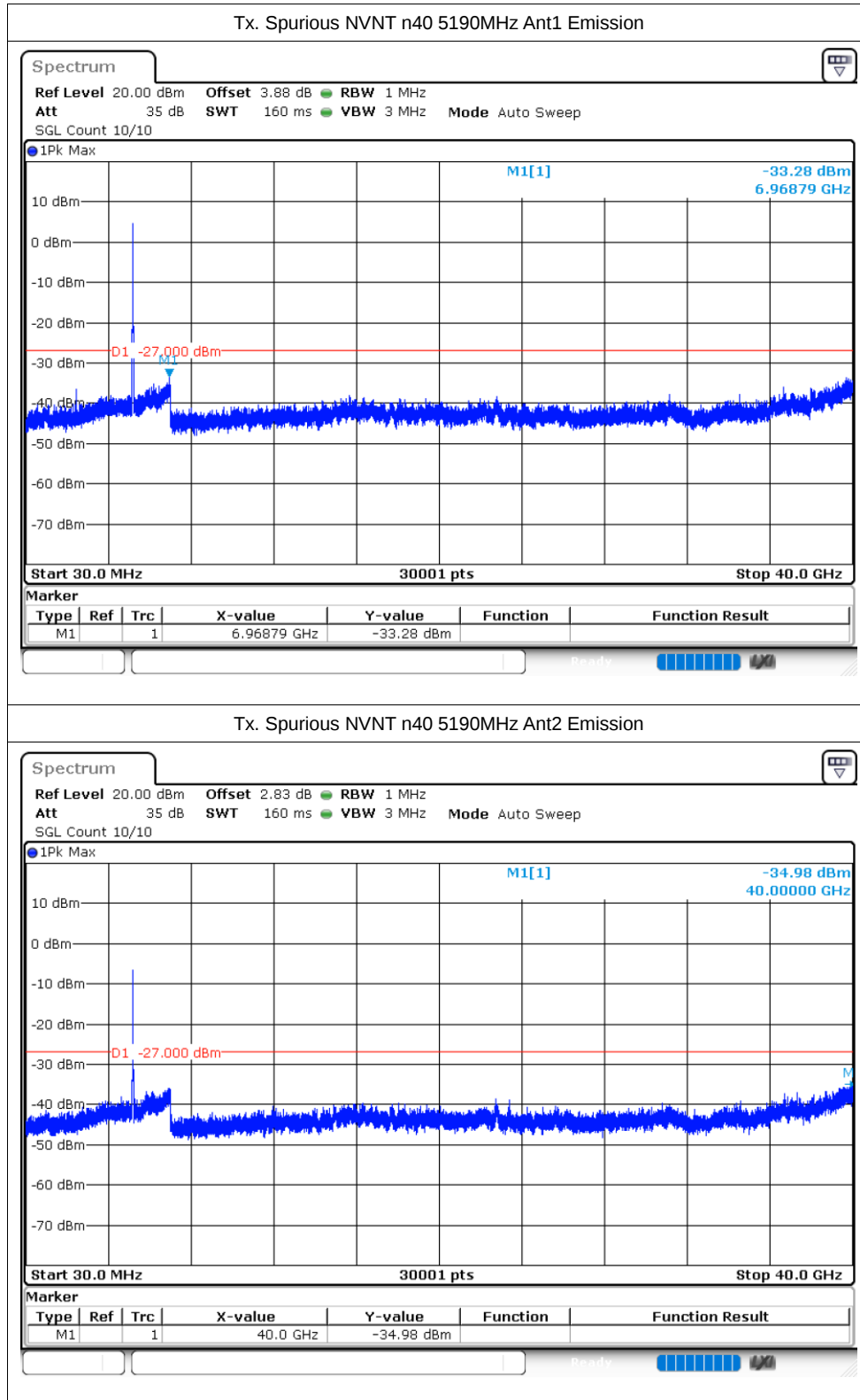


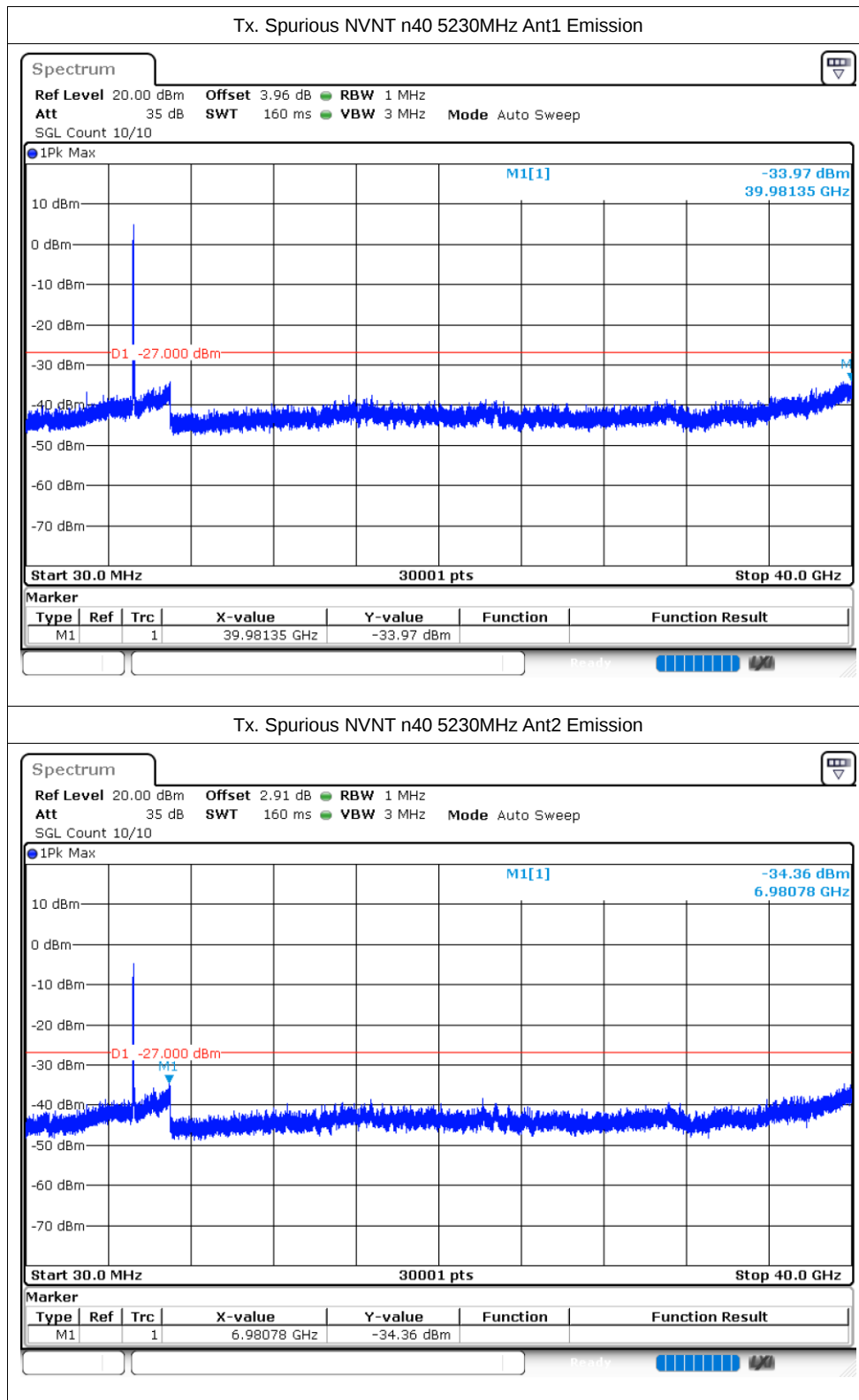












WIFI 5.8G:

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	90.38	0.44	0.72
NVNT	a	5785	Ant1	90.4	0.44	0.71
NVNT	a	5825	Ant1	95.37	0.21	100
NVNT	a	5745	Ant2	90.25	0.45	0.72
NVNT	a	5785	Ant2	90.4	0.44	0.72
NVNT	a	5825	Ant2	90.42	0.44	0.72
NVNT	n20	5745	Ant1	89.69	0.47	0.77
NVNT	n20	5785	Ant1	89.78	0.47	0.77
NVNT	n20	5825	Ant1	94.98	0.22	25
NVNT	n20	5745	Ant2	89.71	0.47	0.77
NVNT	n20	5785	Ant2	89.65	0.47	0.77
NVNT	n20	5825	Ant2	89.72	0.47	0.77
NVNT	n40	5755	Ant1	88.26	0.54	1.52
NVNT	n40	5795	Ant1	90.65	0.43	50
NVNT	n40	5755	Ant2	81.39	0.89	1.54
NVNT	n40	5795	Ant2	81.4	0.89	1.54
NVNT	ac20	5745	Ant1	89.8	0.47	0.76
NVNT	ac20	5785	Ant1	89.8	0.47	0.76
NVNT	ac20	5825	Ant1	89.8	0.47	0.76
NVNT	ac20	5745	Ant2	89.82	0.47	0.76
NVNT	ac20	5785	Ant2	89.82	0.47	0.76
NVNT	ac20	5825	Ant2	89.8	0.47	0.76
NVNT	ac40	5755	Ant1	81.55	0.89	1.52
NVNT	ac40	5795	Ant1	81.44	0.89	1.54
NVNT	ac40	5755	Ant2	81.55	0.89	1.54
NVNT	ac40	5795	Ant2	81.55	0.89	1.54
NVNT	ac80	5775	Ant1	69.07	1.61	3.12
NVNT	ac80	5775	Ant2	68.97	1.61	3.03