

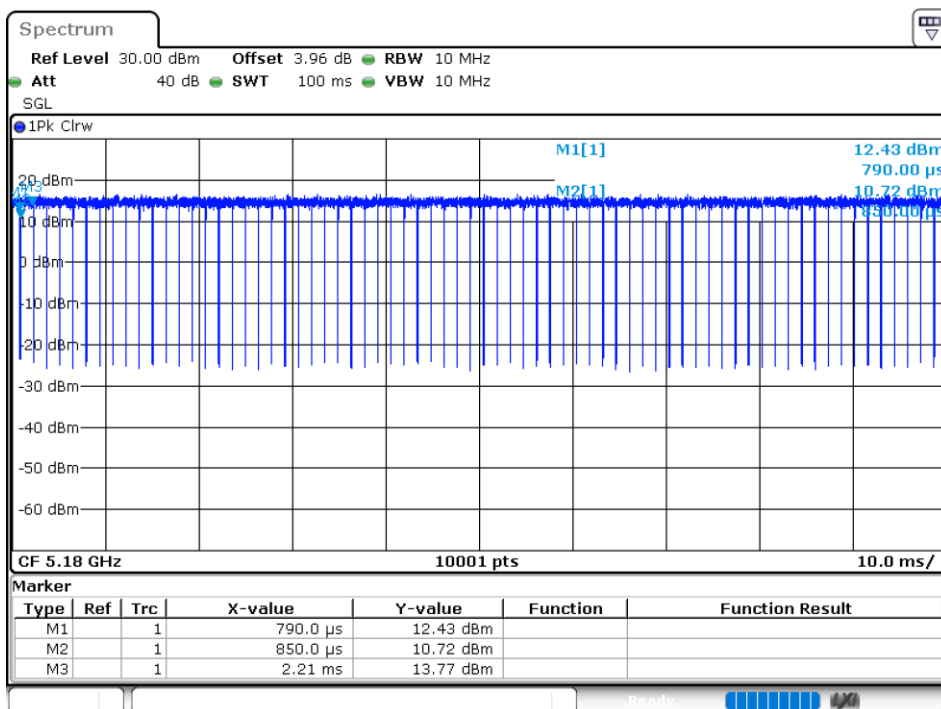
WIFI 5.2G:

Duty Cycle

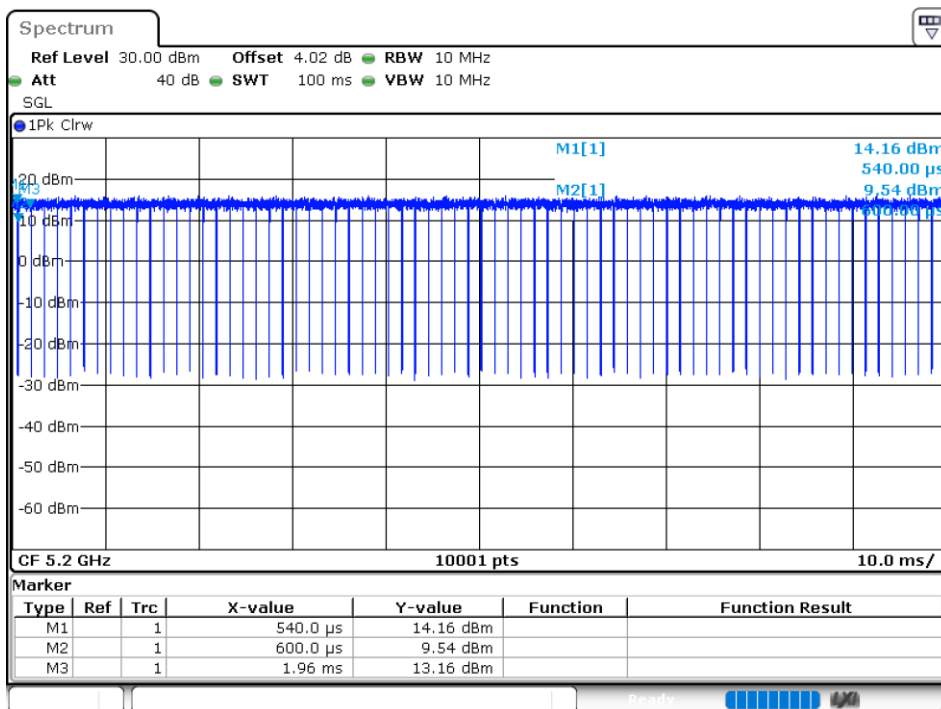
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	96.92	0.14	0.74
NVNT	a	5200	Ant1	96.87	0.14	0.74
NVNT	a	5240	Ant1	96.92	0.14	0.73
NVNT	n20	5180	Ant1	95.92	0.18	0.87
NVNT	n20	5200	Ant1	96.35	0.16	0.87
NVNT	n20	5240	Ant1	96.32	0.16	0.87
NVNT	n40	5190	Ant1	93.57	0.29	1.72
NVNT	n40	5230	Ant1	93.64	0.29	1.72
NVNT	ac20	5180	Ant1	96.34	0.16	0.86
NVNT	ac20	5200	Ant1	96.36	0.16	0.86
NVNT	ac20	5240	Ant1	96.35	0.16	0.86
NVNT	ac40	5190	Ant1	93.05	0.31	1.72
NVNT	ac40	5230	Ant1	92.97	0.32	1.72
NVNT	ac80	5210	Ant1	87.06	0.6	3.45

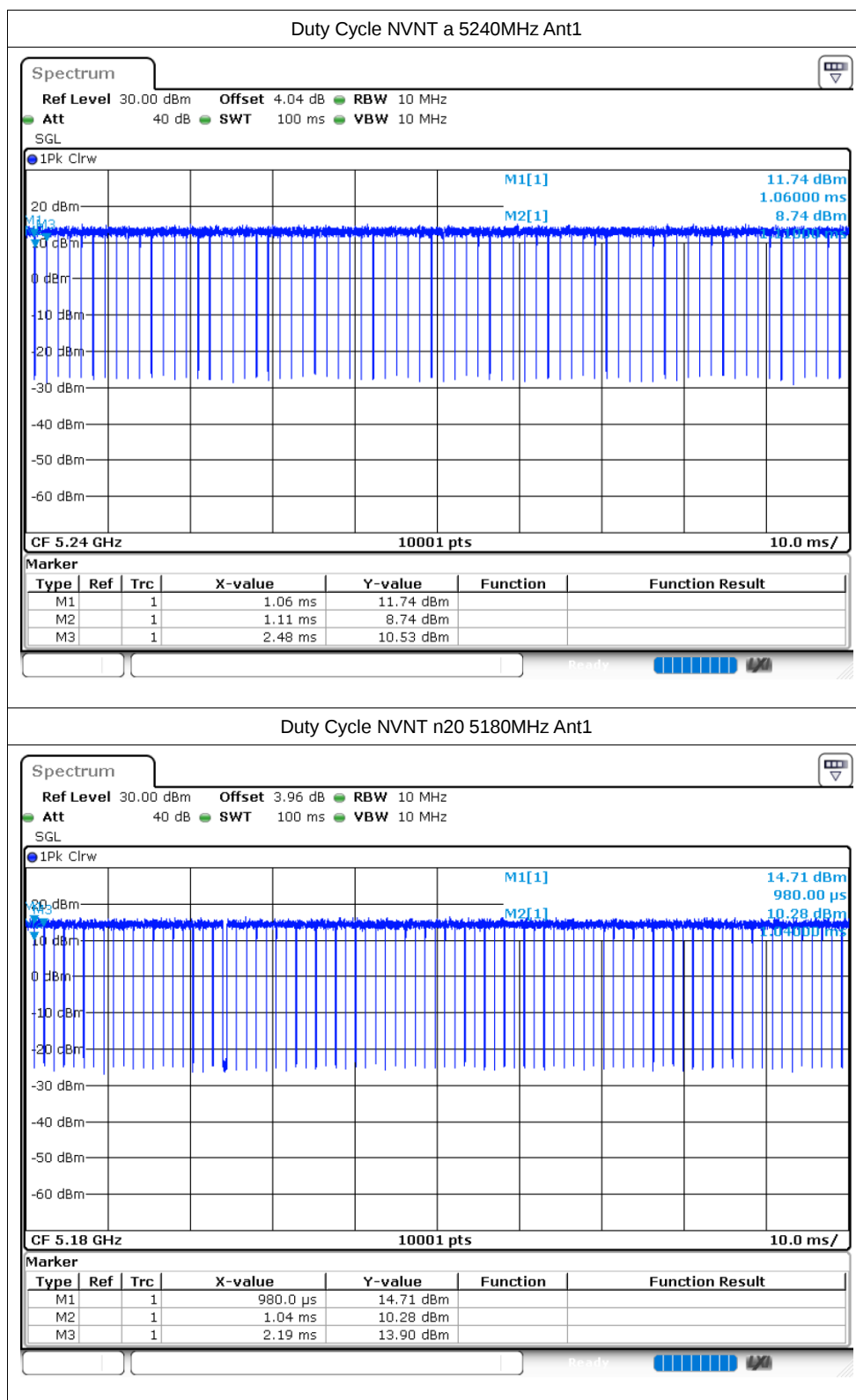
Test Graphs

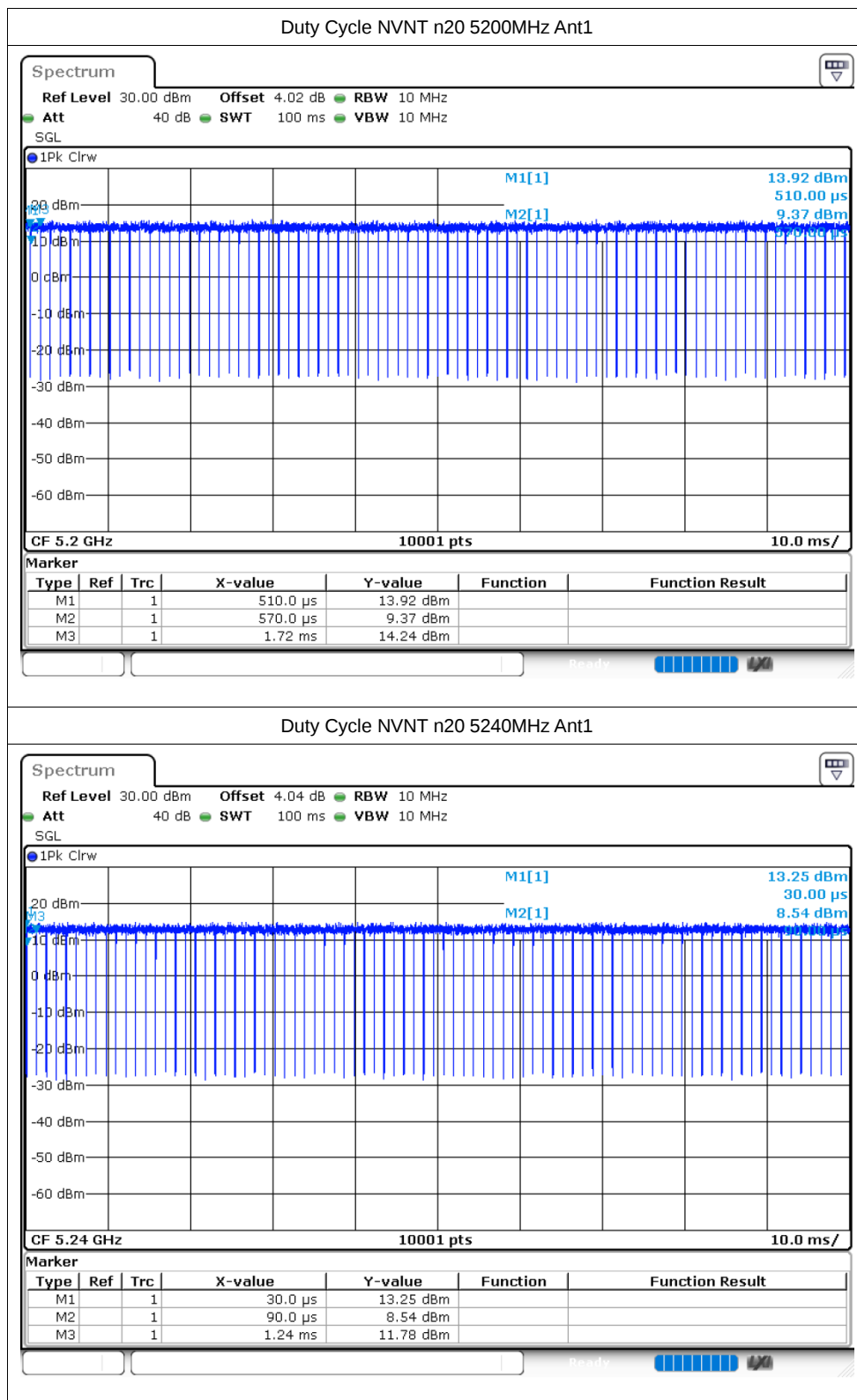
Duty Cycle NVNT a 5180MHz Ant1

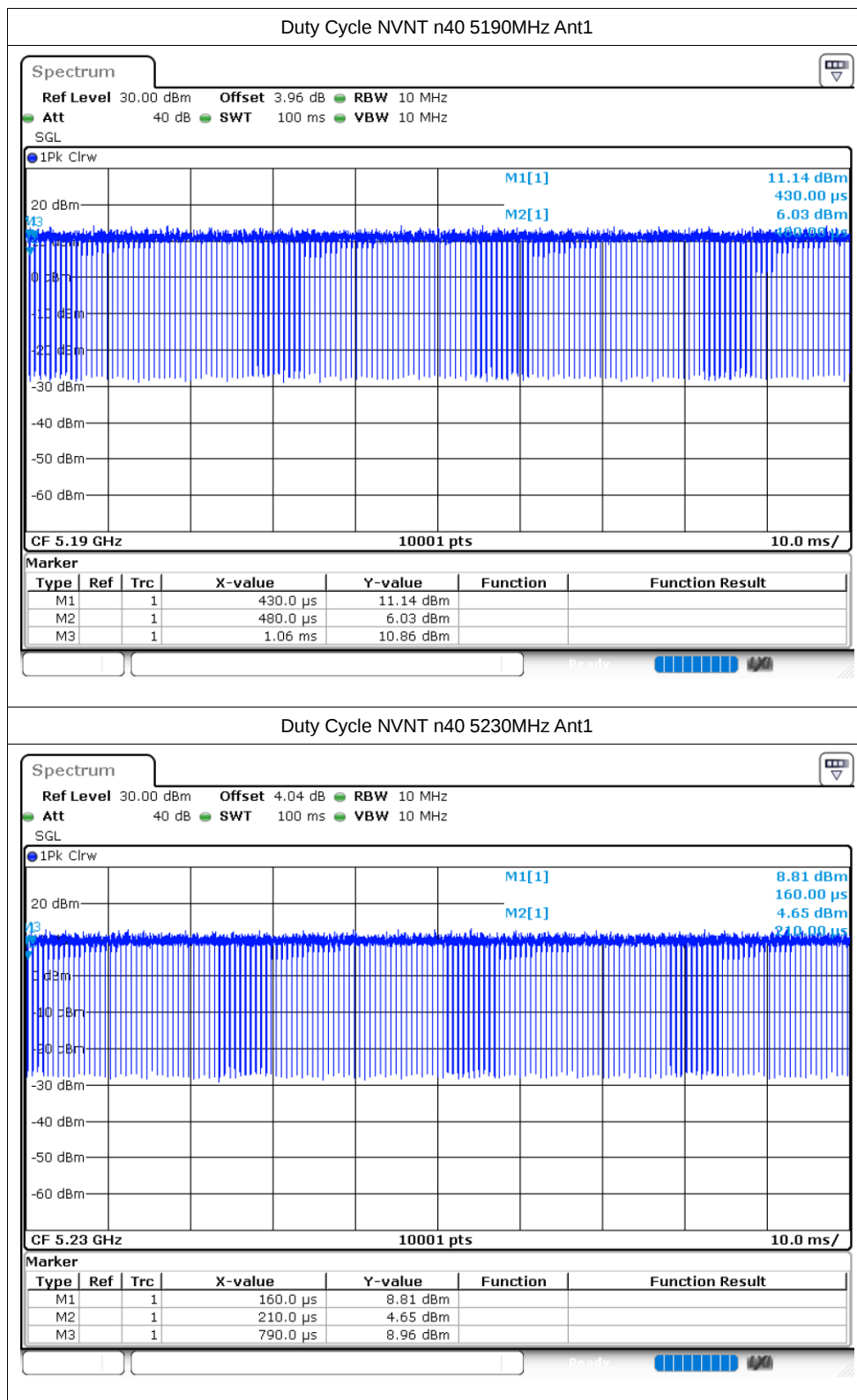


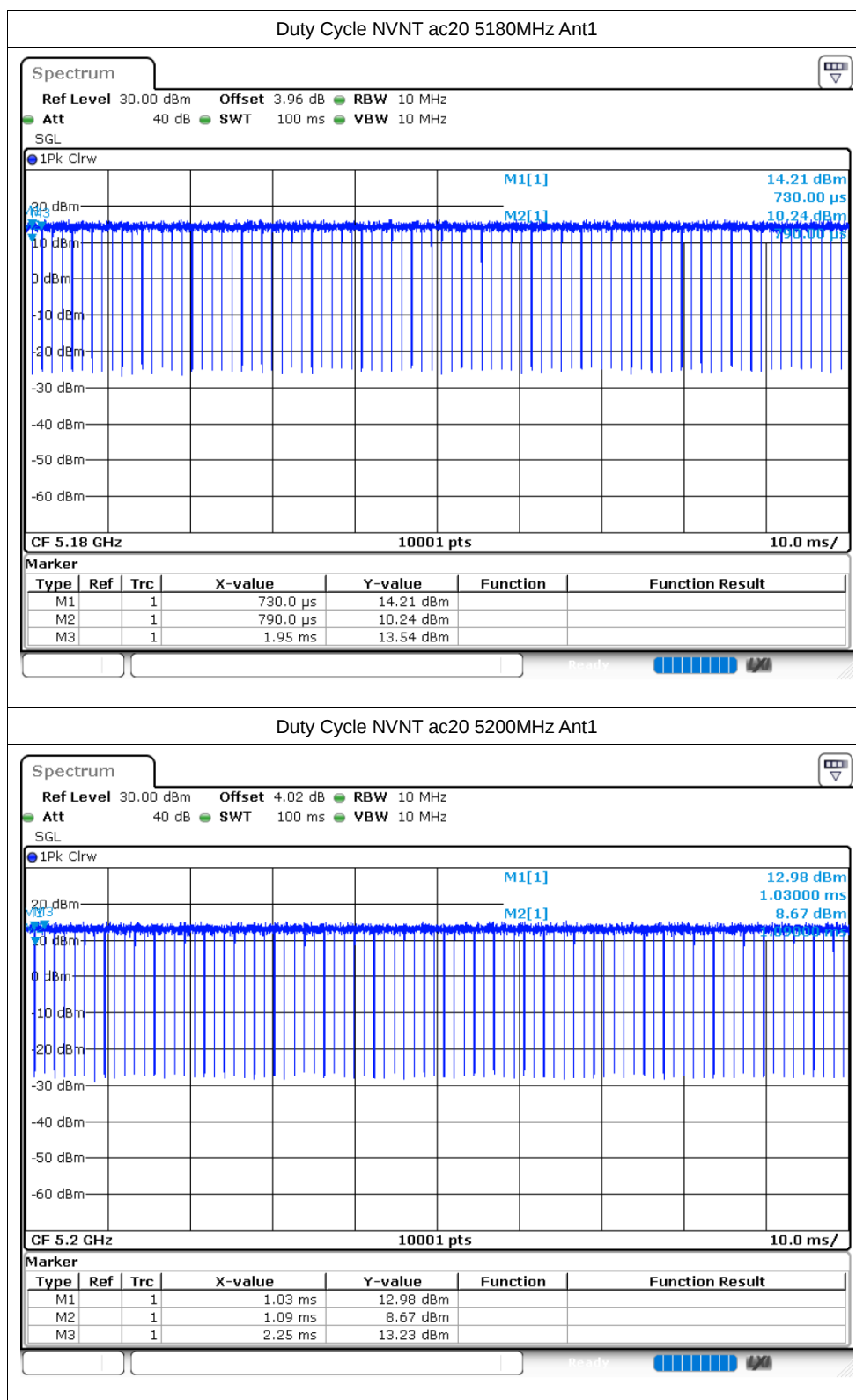
Duty Cycle NVNT a 5200MHz Ant1

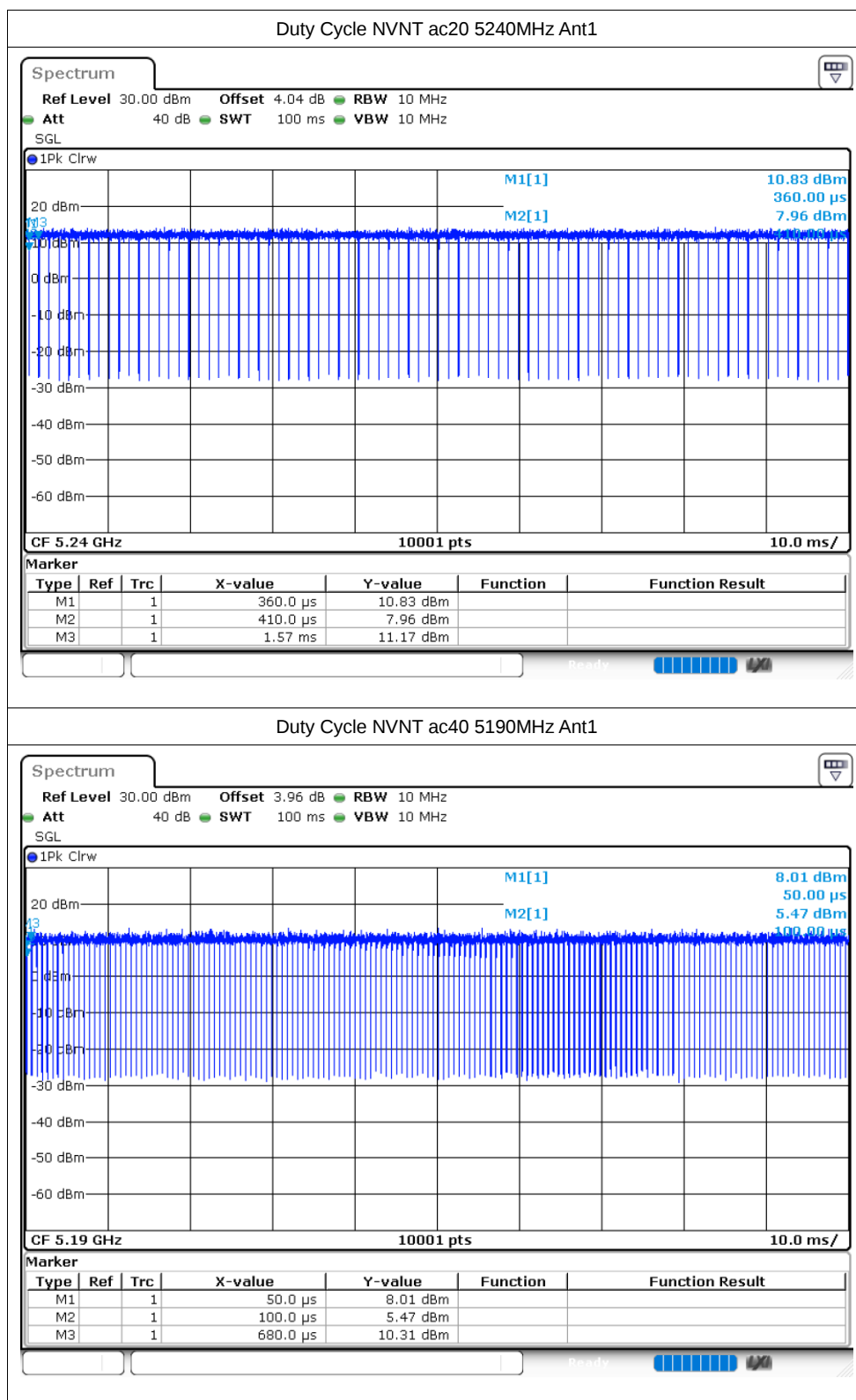


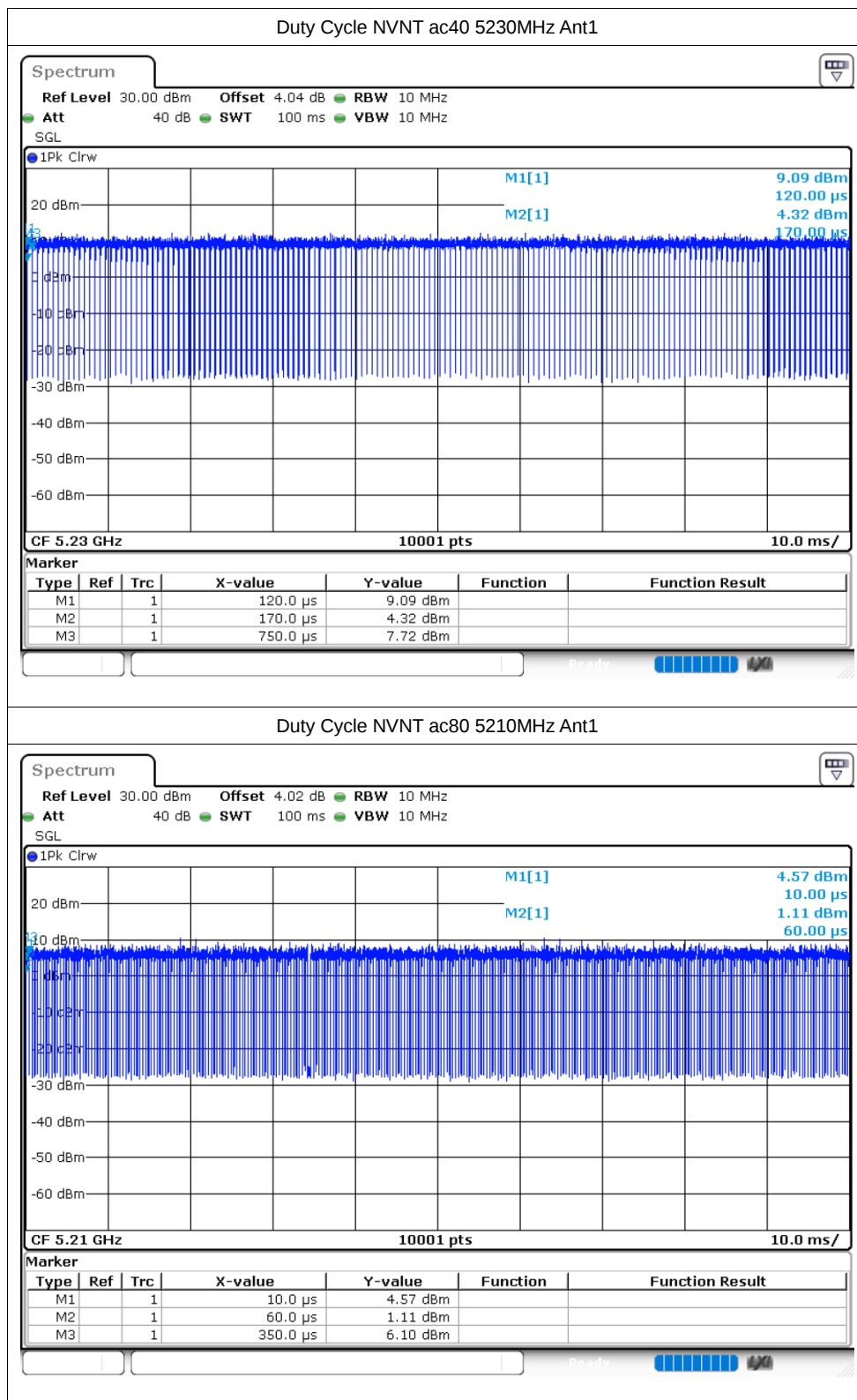












Maximum Conducted Output Power

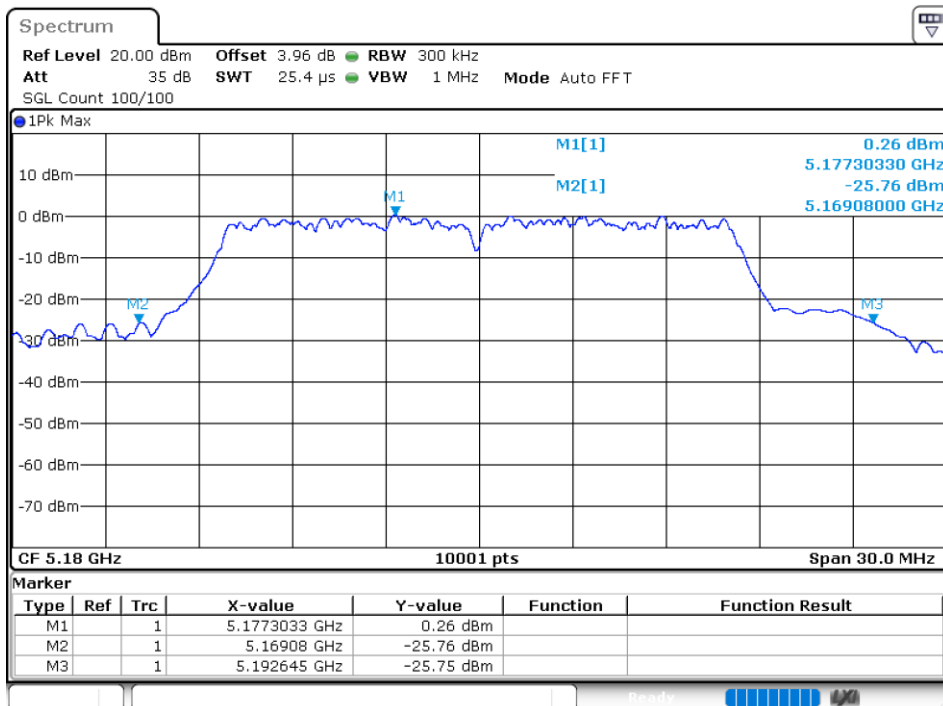
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	10.06	24	Pass
NVNT	a	5200	Ant1	9.76	24	Pass
NVNT	a	5240	Ant1	8.71	24	Pass
NVNT	n20	5180	Ant1	10.06	24	Pass
NVNT	n20	5200	Ant1	9.69	24	Pass
NVNT	n20	5240	Ant1	8.95	24	Pass
NVNT	n40	5190	Ant1	9.96	24	Pass
NVNT	n40	5230	Ant1	8.67	24	Pass
NVNT	ac20	5180	Ant1	9.93	24	Pass
NVNT	ac20	5200	Ant1	9.16	24	Pass
NVNT	ac20	5240	Ant1	8.19	24	Pass
NVNT	ac40	5190	Ant1	8.96	24	Pass
NVNT	ac40	5230	Ant1	8.6	24	Pass
NVNT	ac80	5210	Ant1	8.82	24	Pass

-26dB Bandwidth

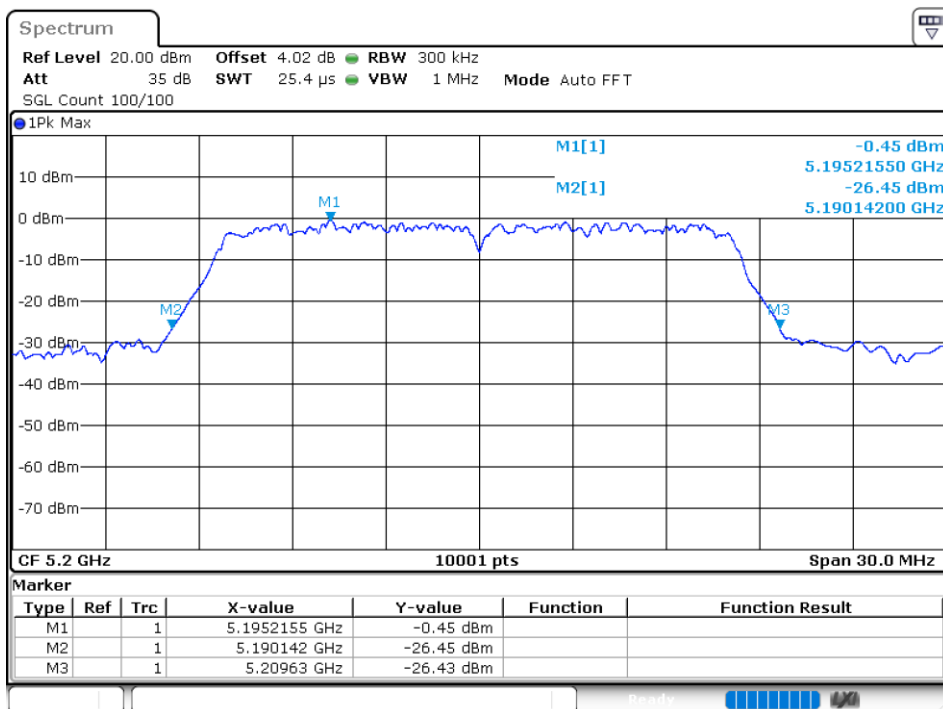
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	23.565	Pass
NVNT	a	5200	Ant1	19.488	Pass
NVNT	a	5240	Ant1	20.349	Pass
NVNT	n20	5180	Ant1	20.826	Pass
NVNT	n20	5200	Ant1	22.242	Pass
NVNT	n20	5240	Ant1	19.965	Pass
NVNT	n40	5190	Ant1	48.834	Pass
NVNT	n40	5230	Ant1	51.18	Pass
NVNT	ac20	5180	Ant1	20.004	Pass
NVNT	ac20	5200	Ant1	24.459	Pass
NVNT	ac20	5240	Ant1	22.08	Pass
NVNT	ac40	5190	Ant1	50.604	Pass
NVNT	ac40	5230	Ant1	50.094	Pass
NVNT	ac80	5210	Ant1	87.132	Pass

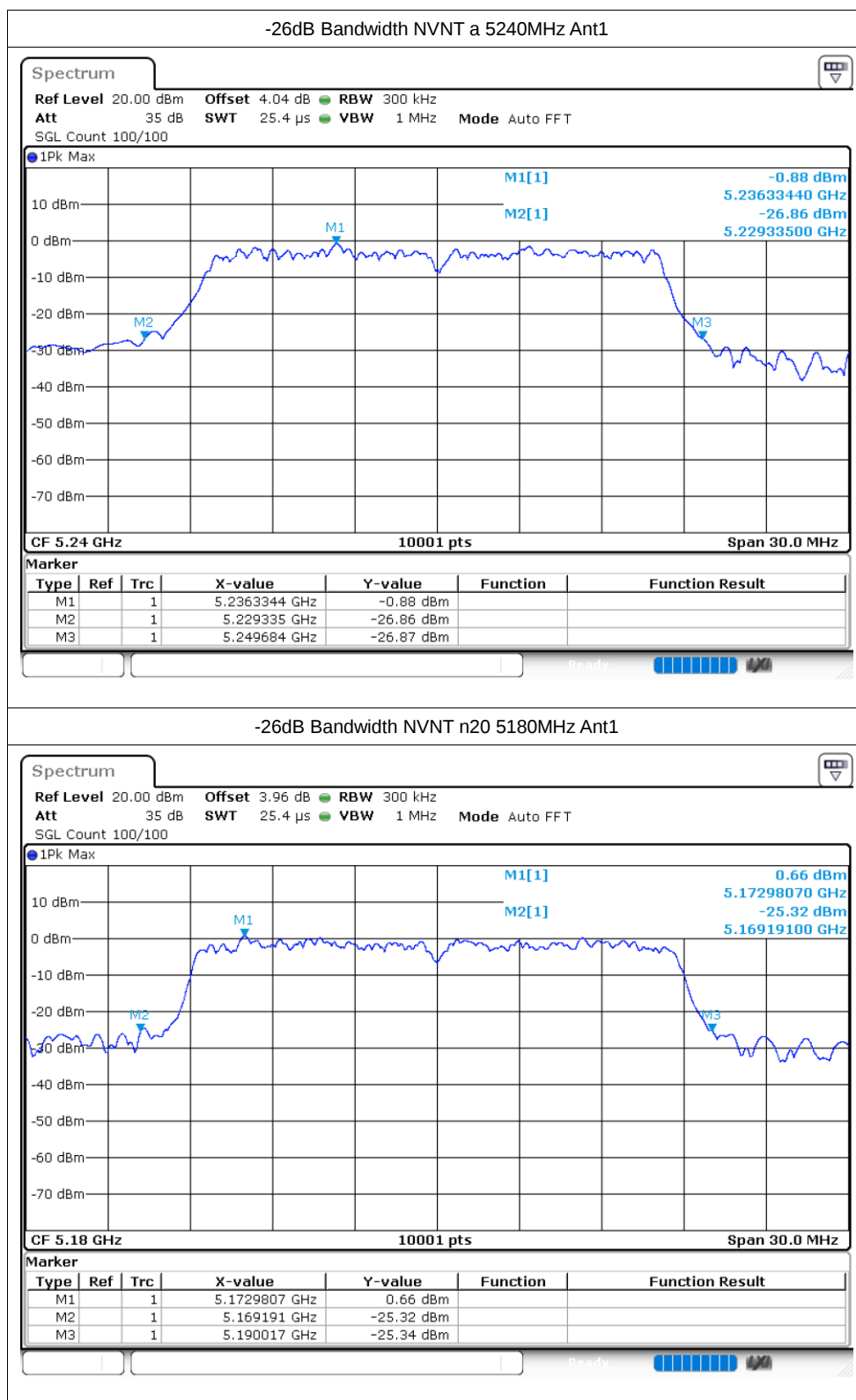
Test Graphs

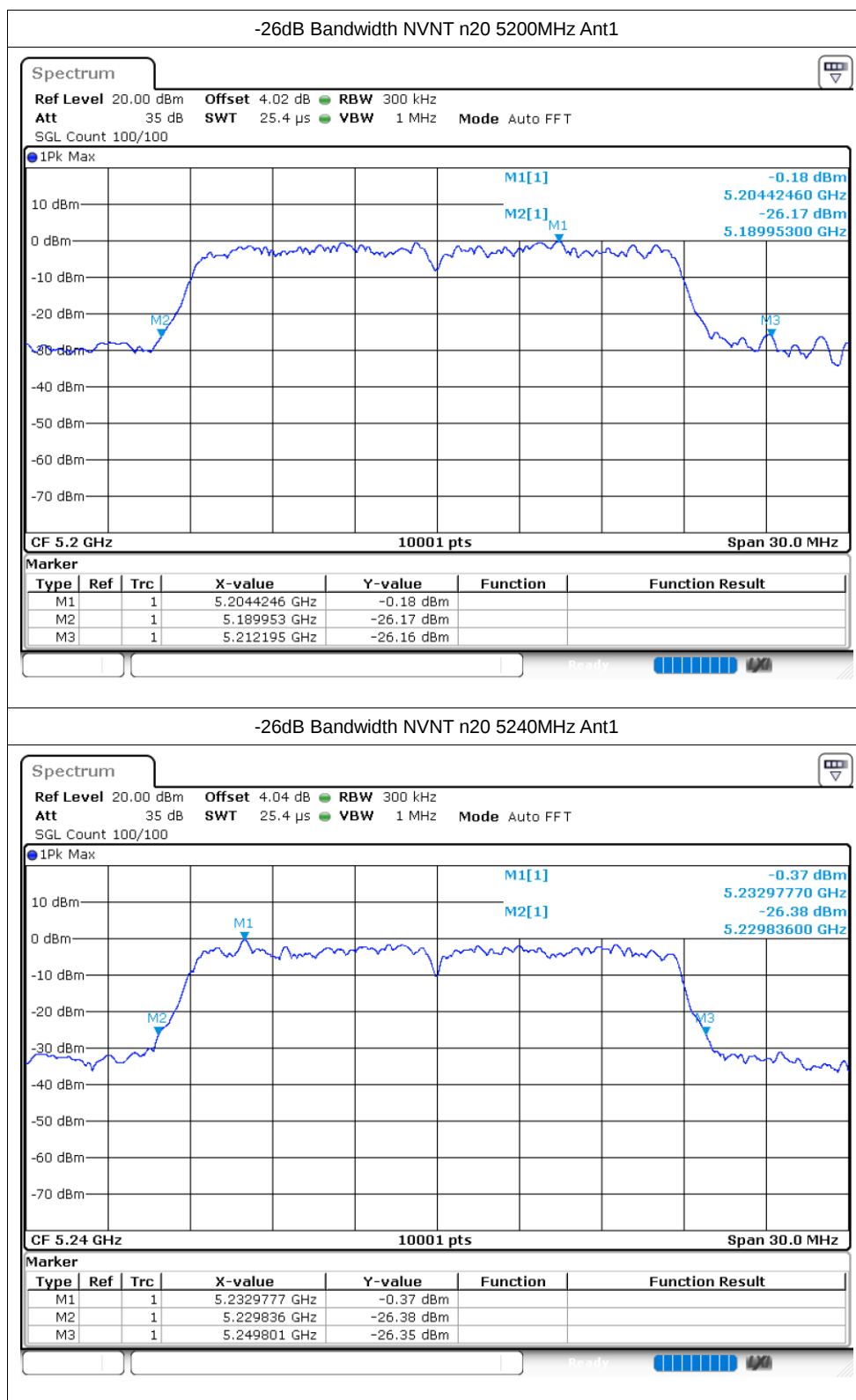
-26dB Bandwidth NVNT a 5180MHz Ant1

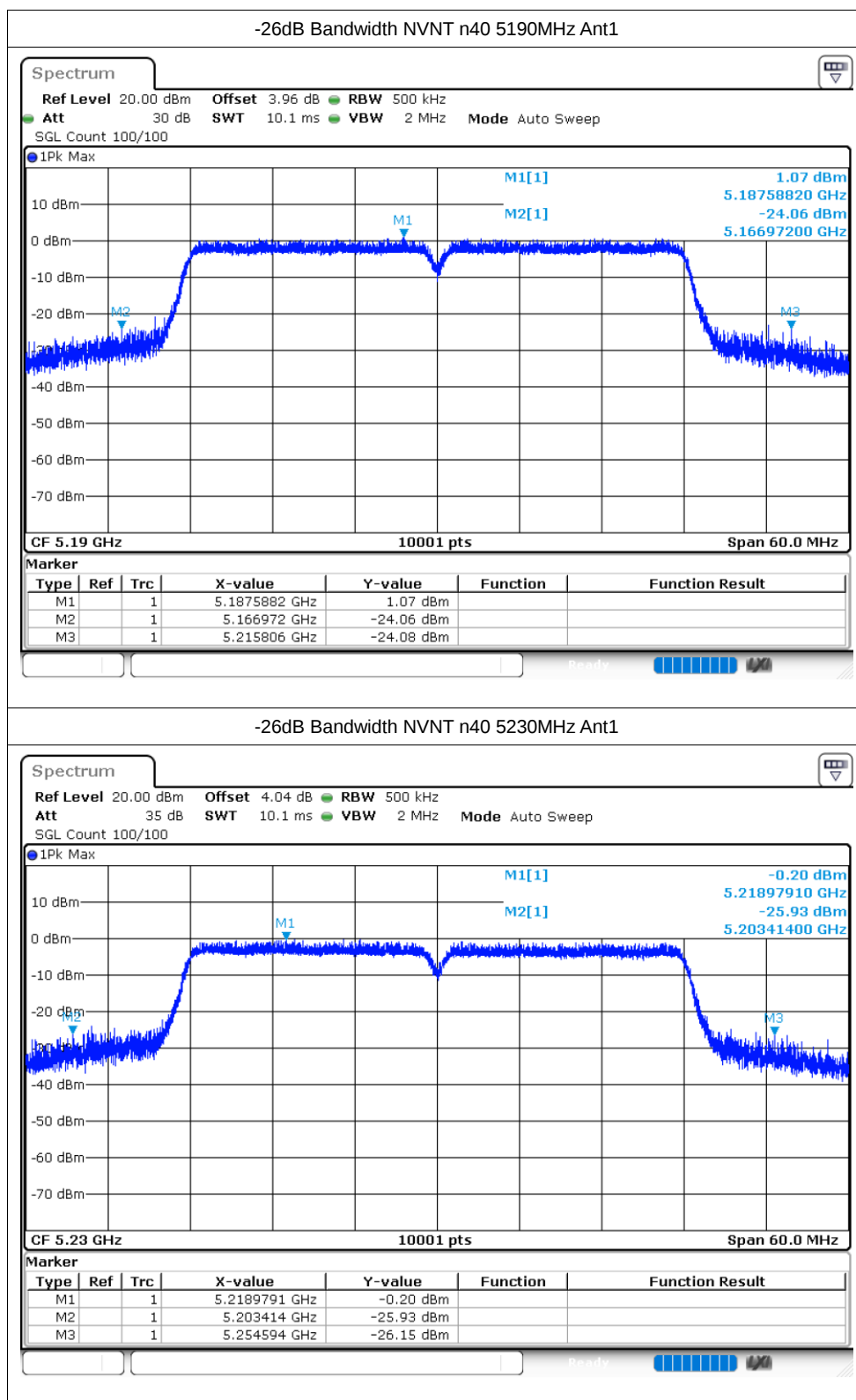


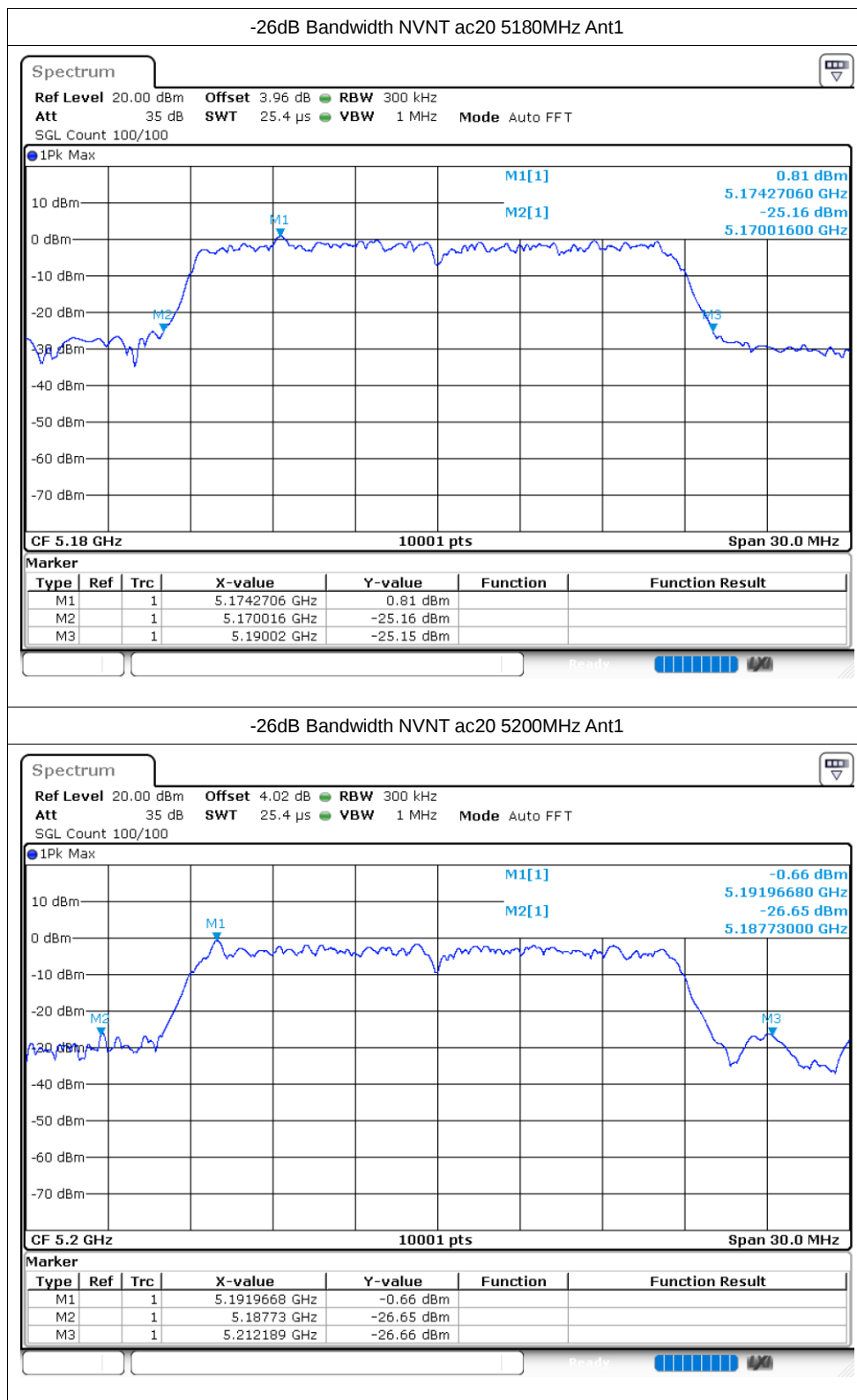
-26dB Bandwidth NVNT a 5200MHz Ant1

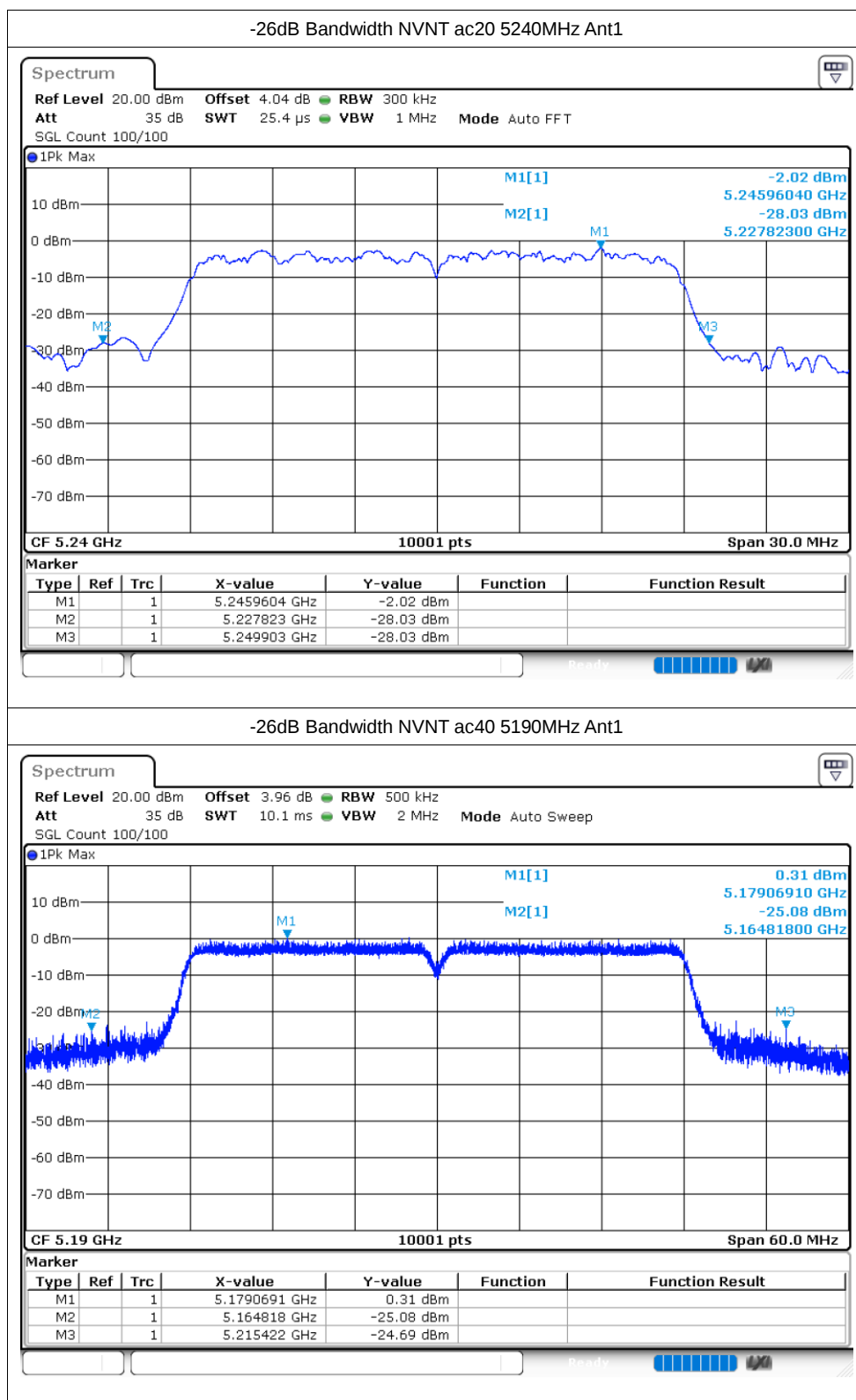


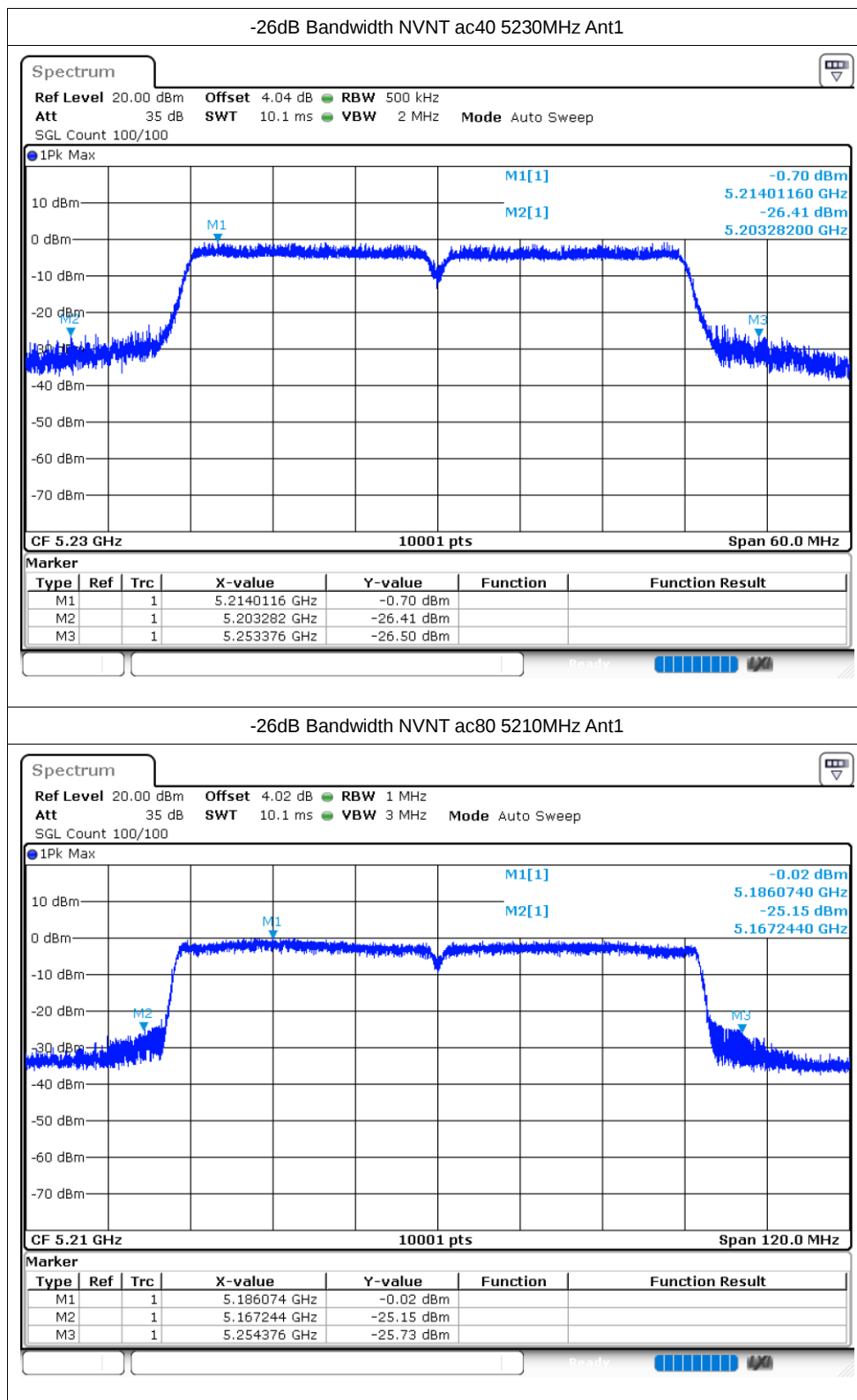










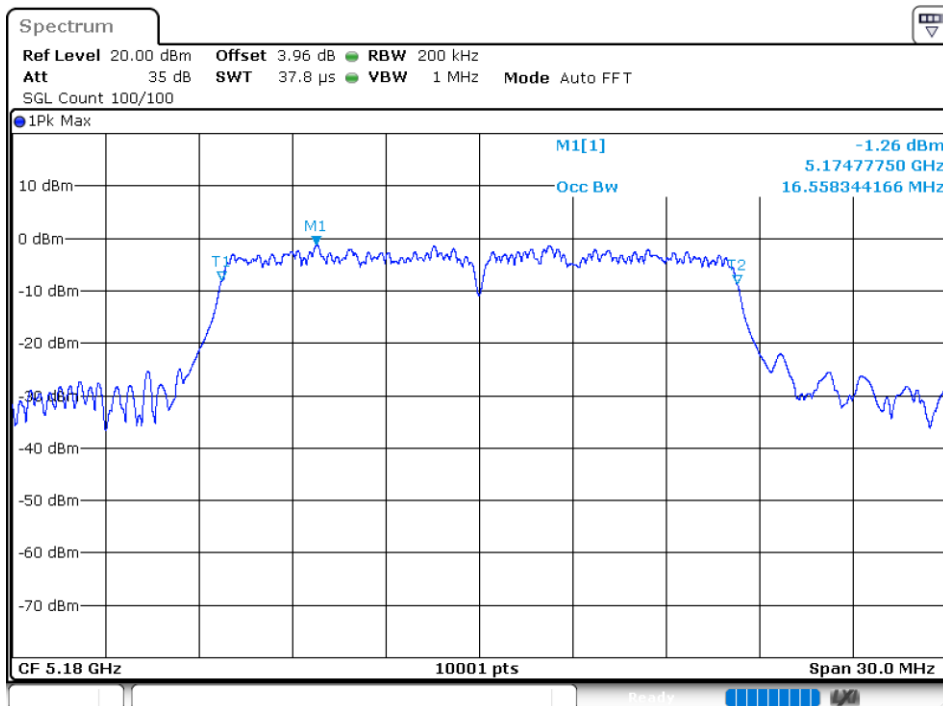


Occupied Channel Bandwidth

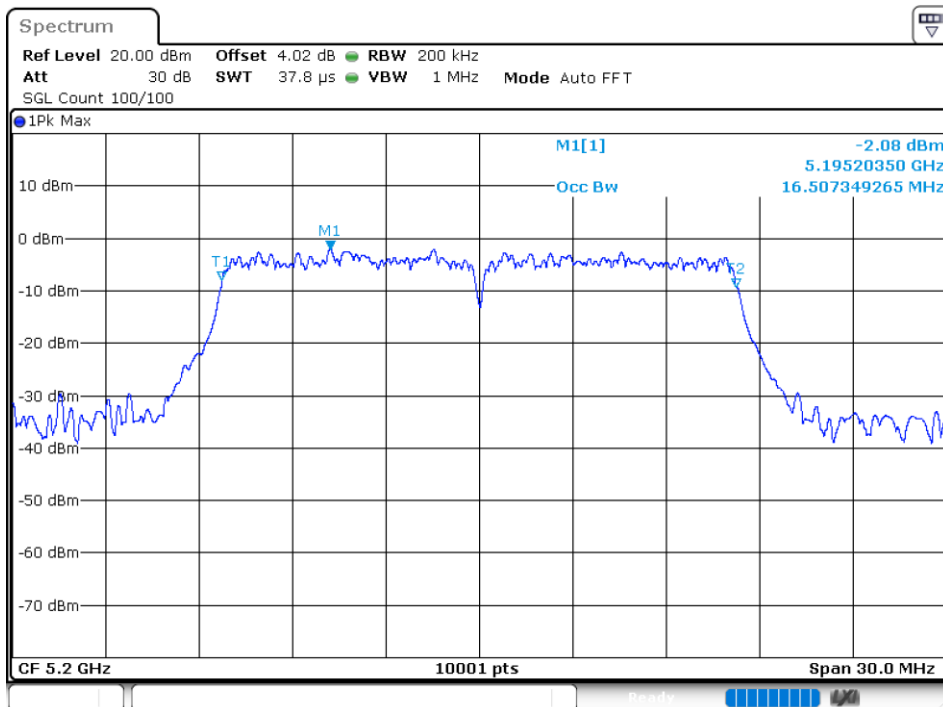
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.558
NVNT	a	5200	Ant1	16.507
NVNT	a	5240	Ant1	16.618
NVNT	n20	5180	Ant1	17.626
NVNT	n20	5200	Ant1	17.602
NVNT	n20	5240	Ant1	17.68
NVNT	n40	5190	Ant1	36.29
NVNT	n40	5230	Ant1	36.302
NVNT	ac20	5180	Ant1	17.62
NVNT	ac20	5200	Ant1	17.632
NVNT	ac20	5240	Ant1	17.533
NVNT	ac40	5190	Ant1	36.26
NVNT	ac40	5230	Ant1	36.29
NVNT	ac80	5210	Ant1	75.556

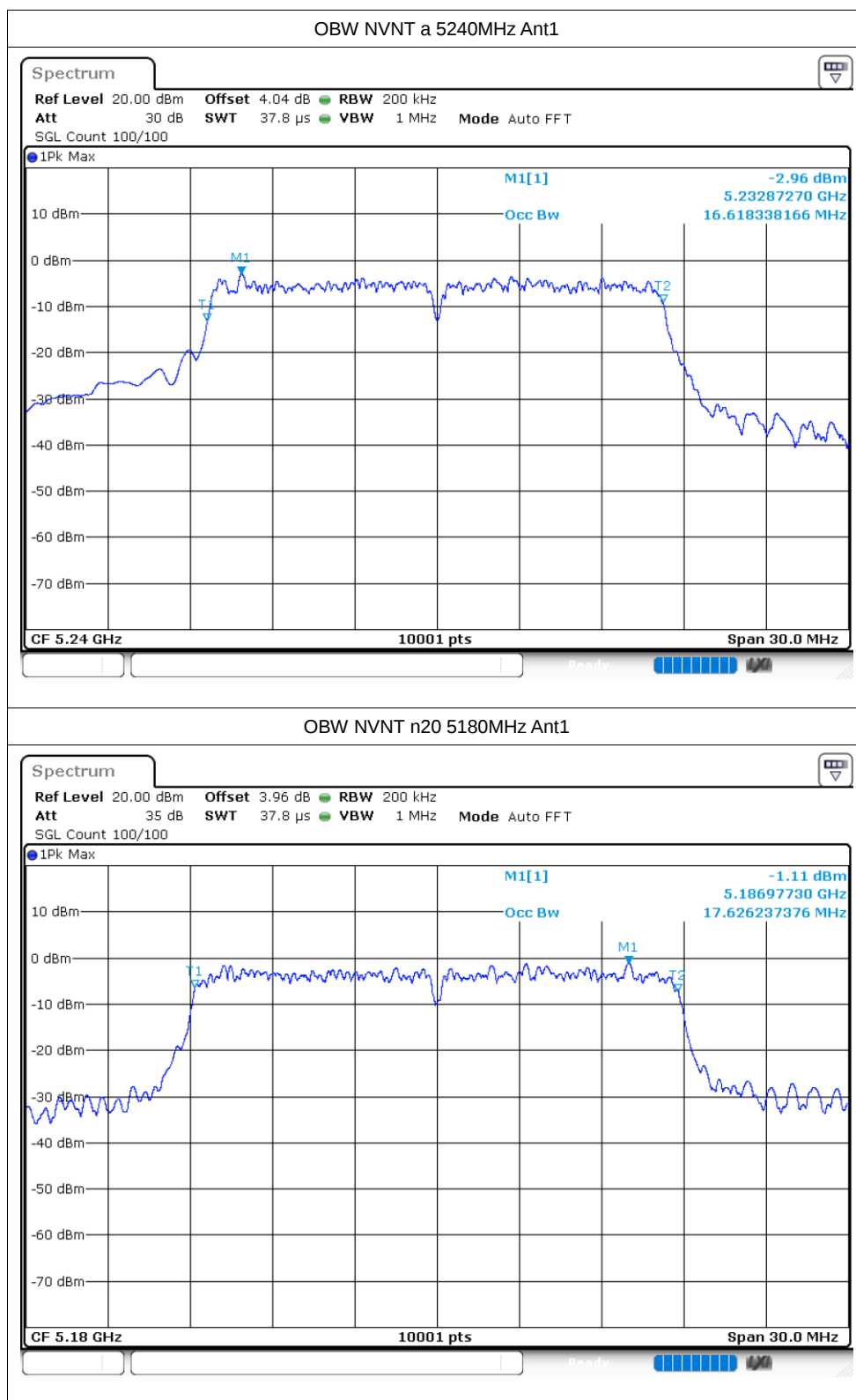
Test Graphs

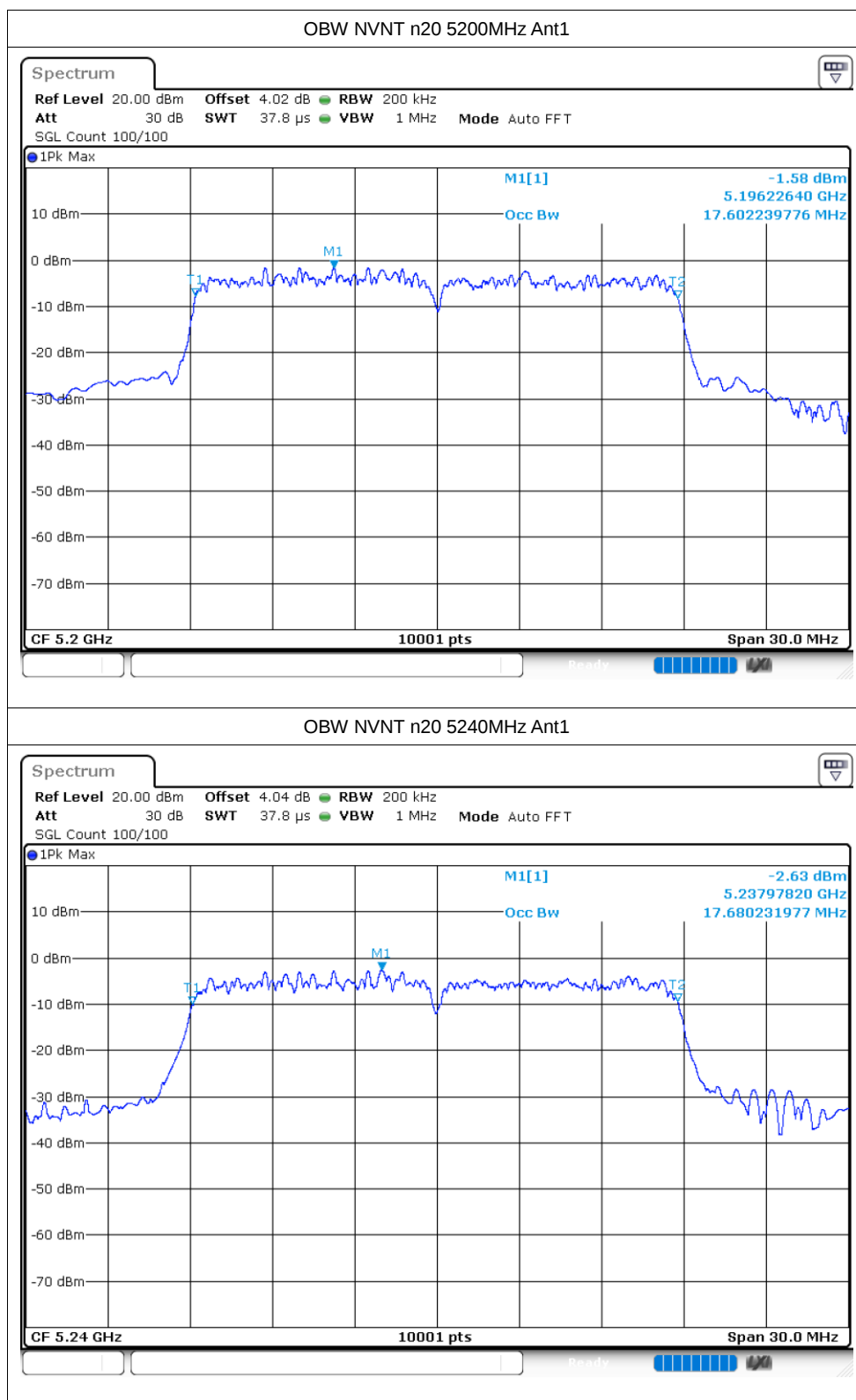
OBW NVNT a 5180MHz Ant1

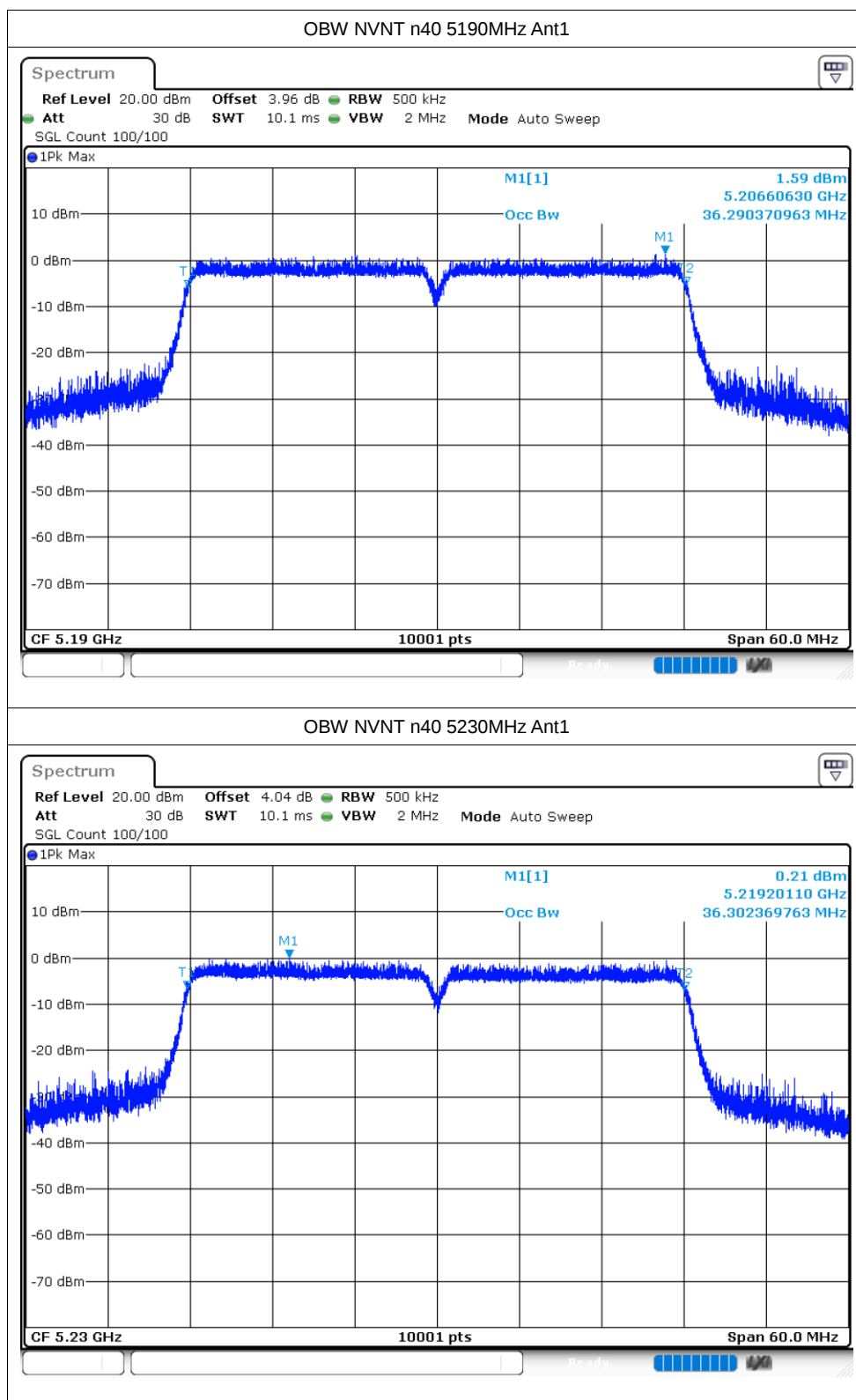


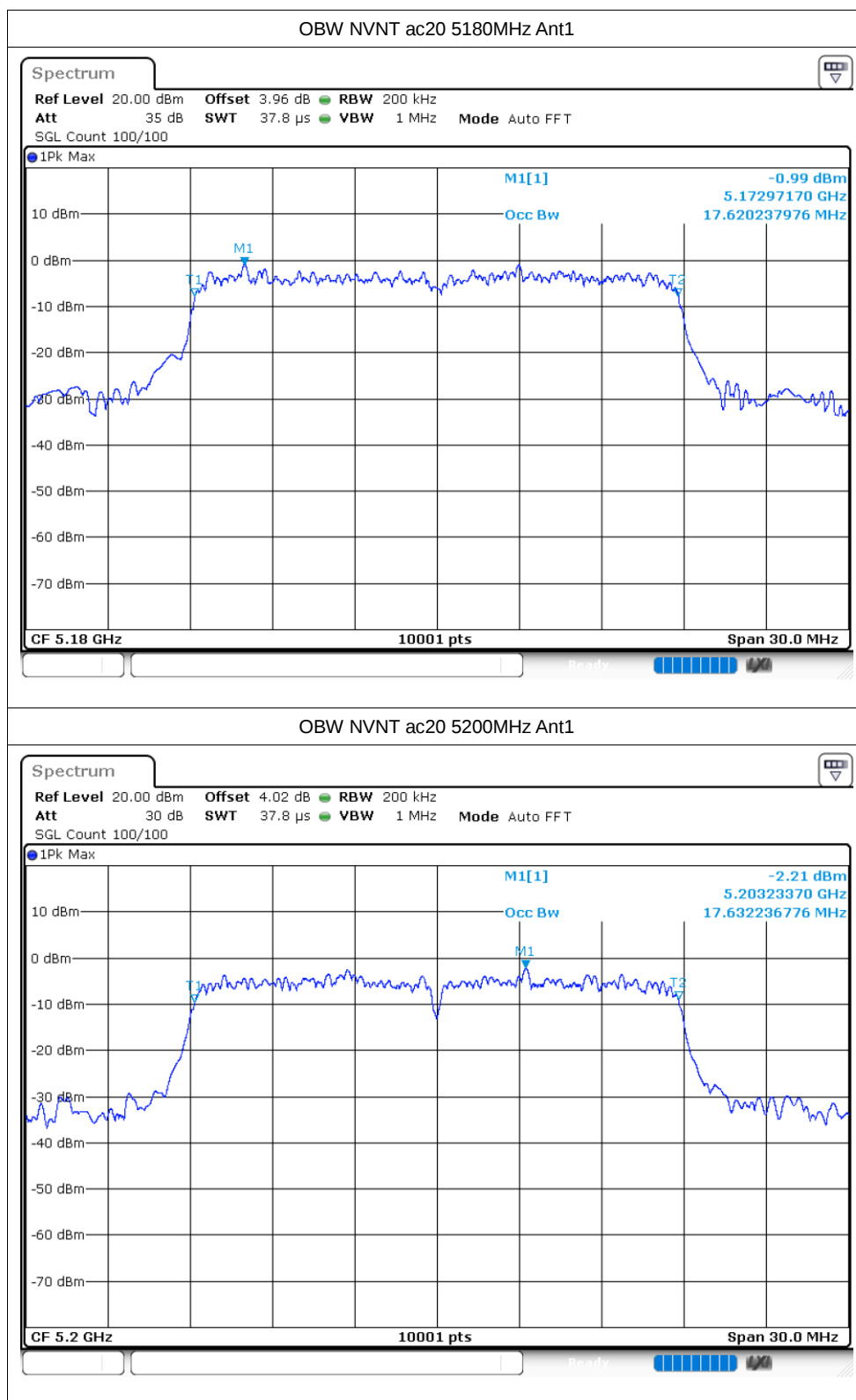
OBW NVNT a 5200MHz Ant1

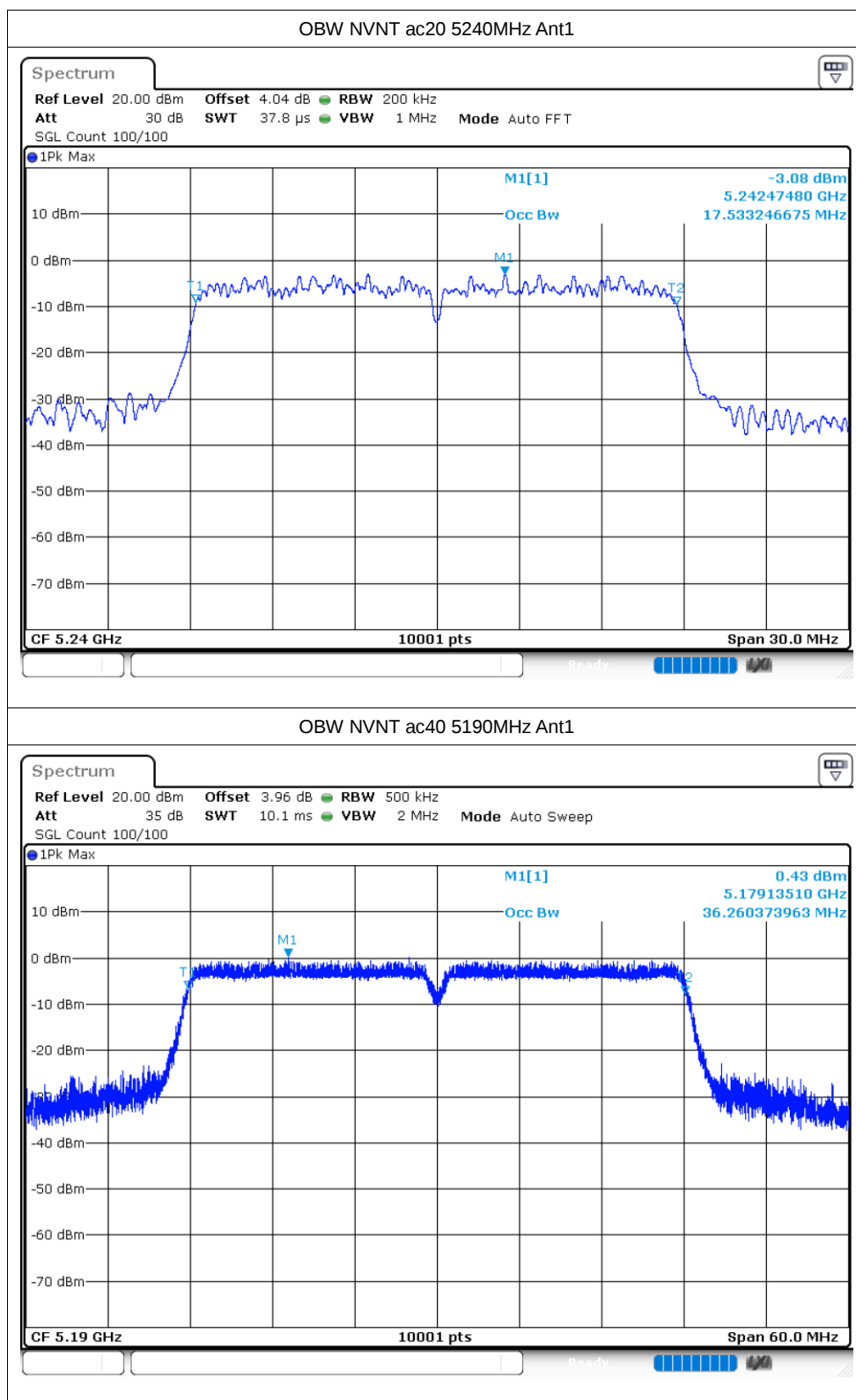


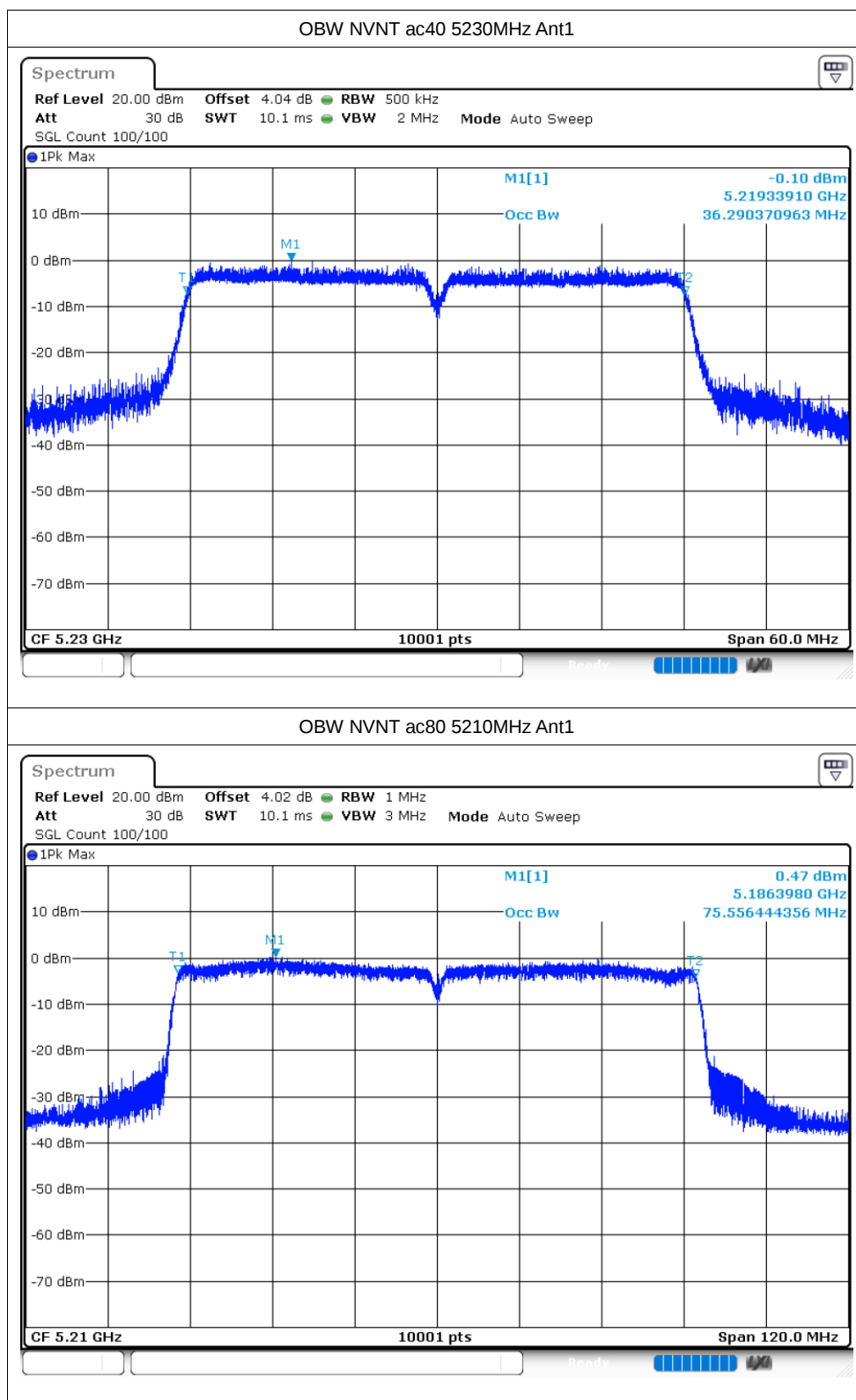










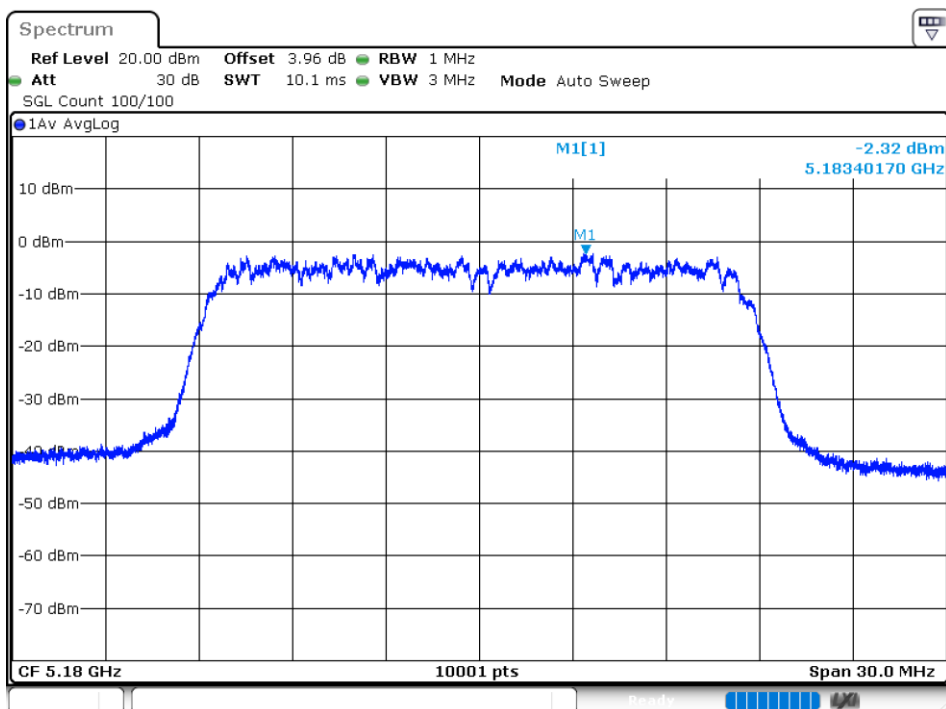


Maximum Power Spectral Density Level

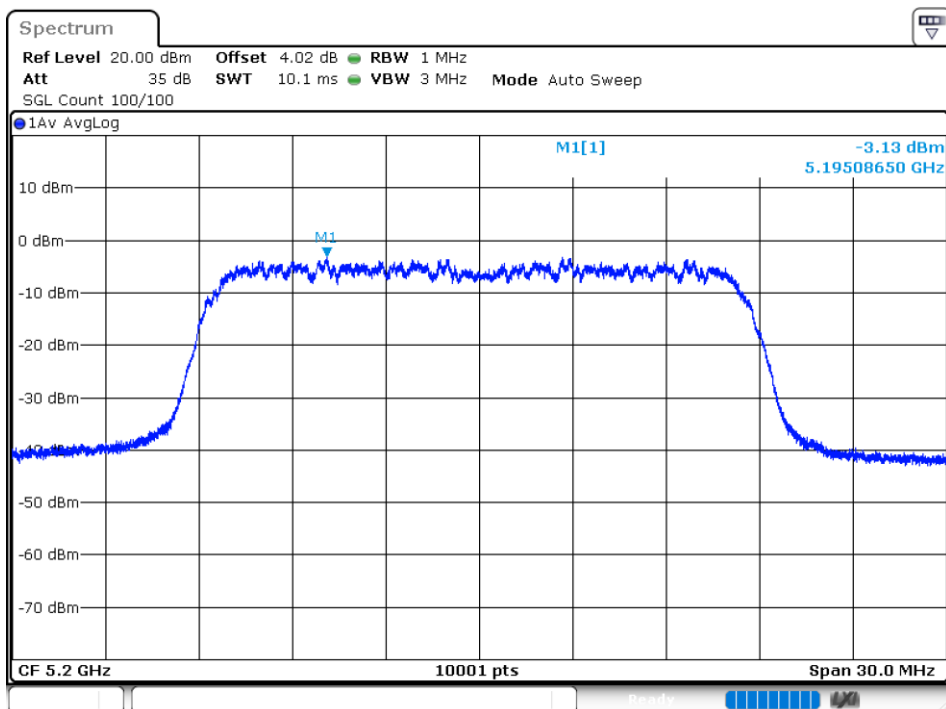
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-2.32	0.14	-2.18	11	Pass
NVNT	a	5200	Ant1	-3.13	0.14	-2.99	11	Pass
NVNT	a	5240	Ant1	-4.28	0.14	-4.14	11	Pass
NVNT	n20	5180	Ant1	-3.1	0.18	-2.92	11	Pass
NVNT	n20	5200	Ant1	-3.86	0.16	-3.7	11	Pass
NVNT	n20	5240	Ant1	-4.63	0.16	-4.47	11	Pass
NVNT	n40	5190	Ant1	-7.36	0.29	-7.07	11	Pass
NVNT	n40	5230	Ant1	-7.84	0.29	-7.55	11	Pass
NVNT	ac20	5180	Ant1	-2.48	0.16	-2.32	11	Pass
NVNT	ac20	5200	Ant1	-4.6	0.16	-4.44	11	Pass
NVNT	ac20	5240	Ant1	-5.56	0.16	-5.4	11	Pass
NVNT	ac40	5190	Ant1	-8.67	0.31	-8.36	11	Pass
NVNT	ac40	5230	Ant1	-9.17	0.32	-8.85	11	Pass
NVNT	ac80	5210	Ant1	-12.96	0.6	-12.36	11	Pass

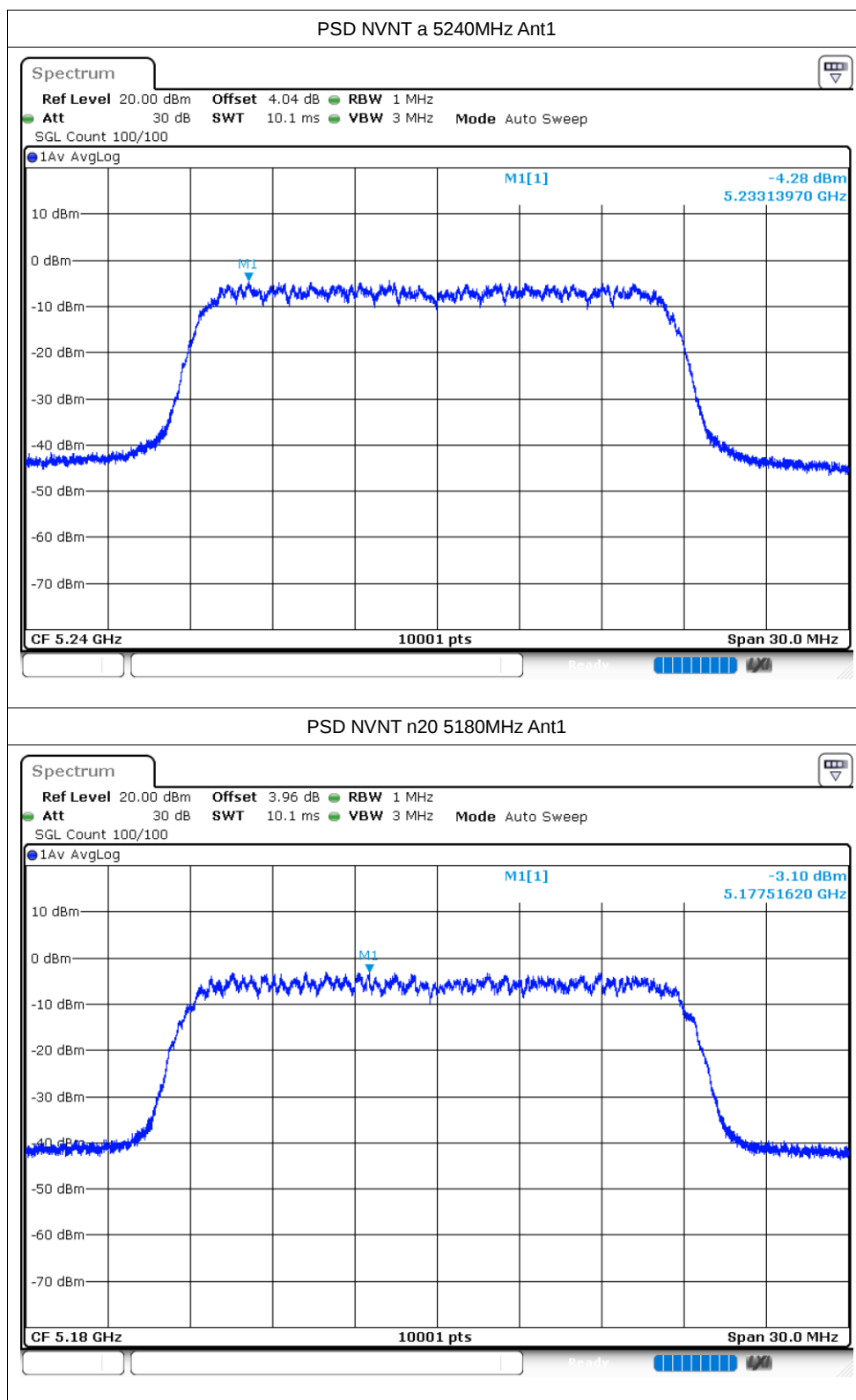
Test Graphs

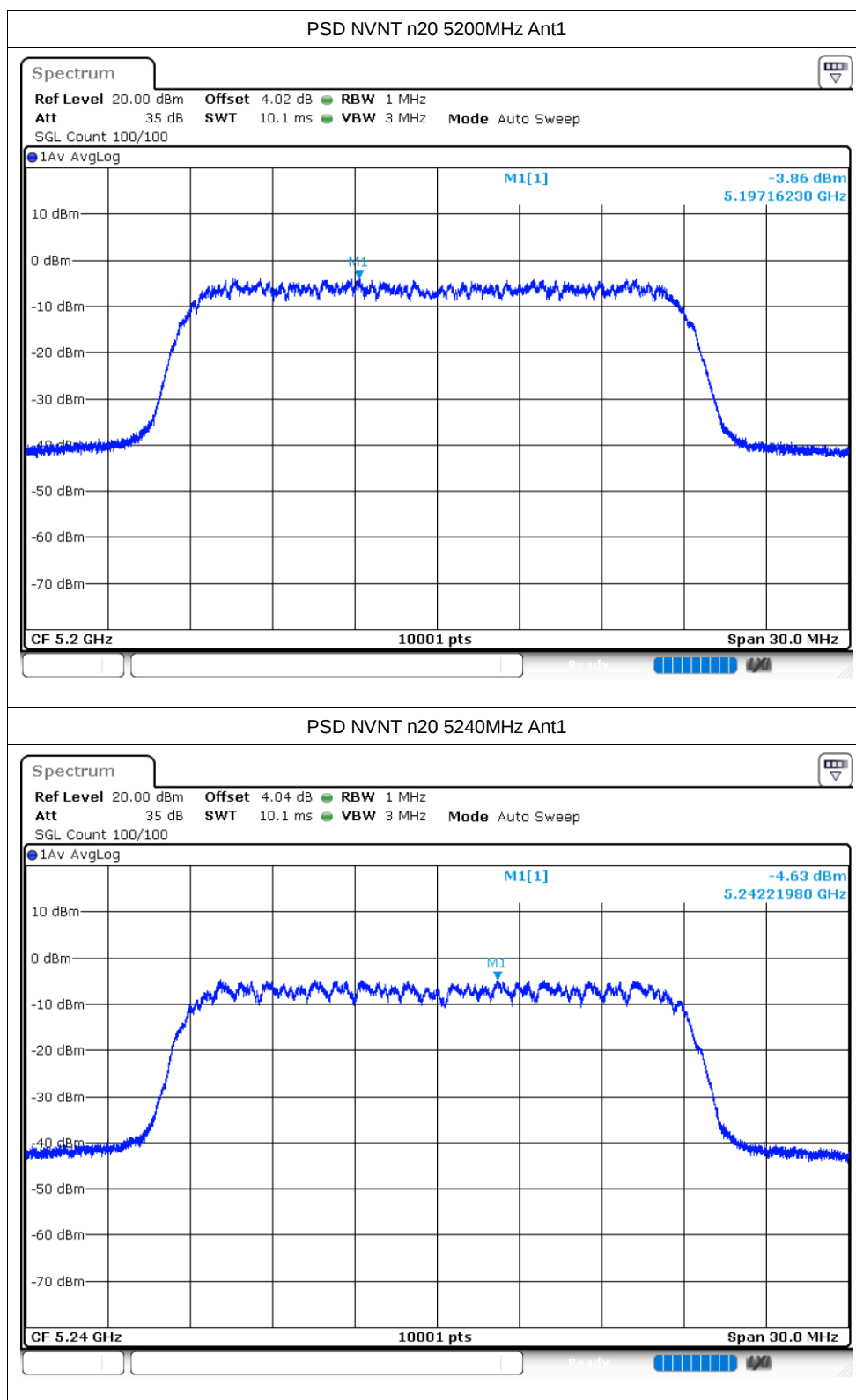
PSD NVNT a 5180MHz Ant1

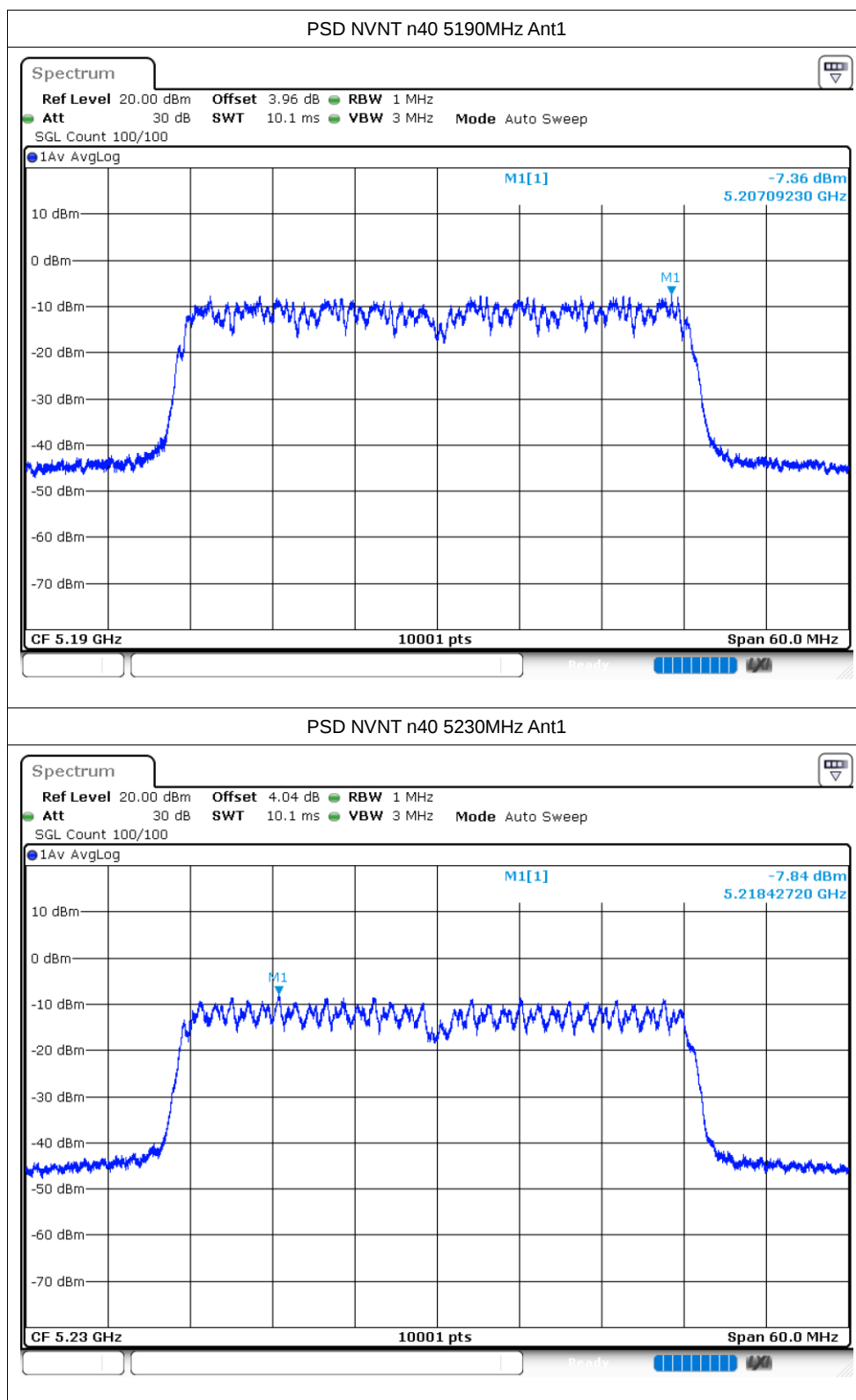


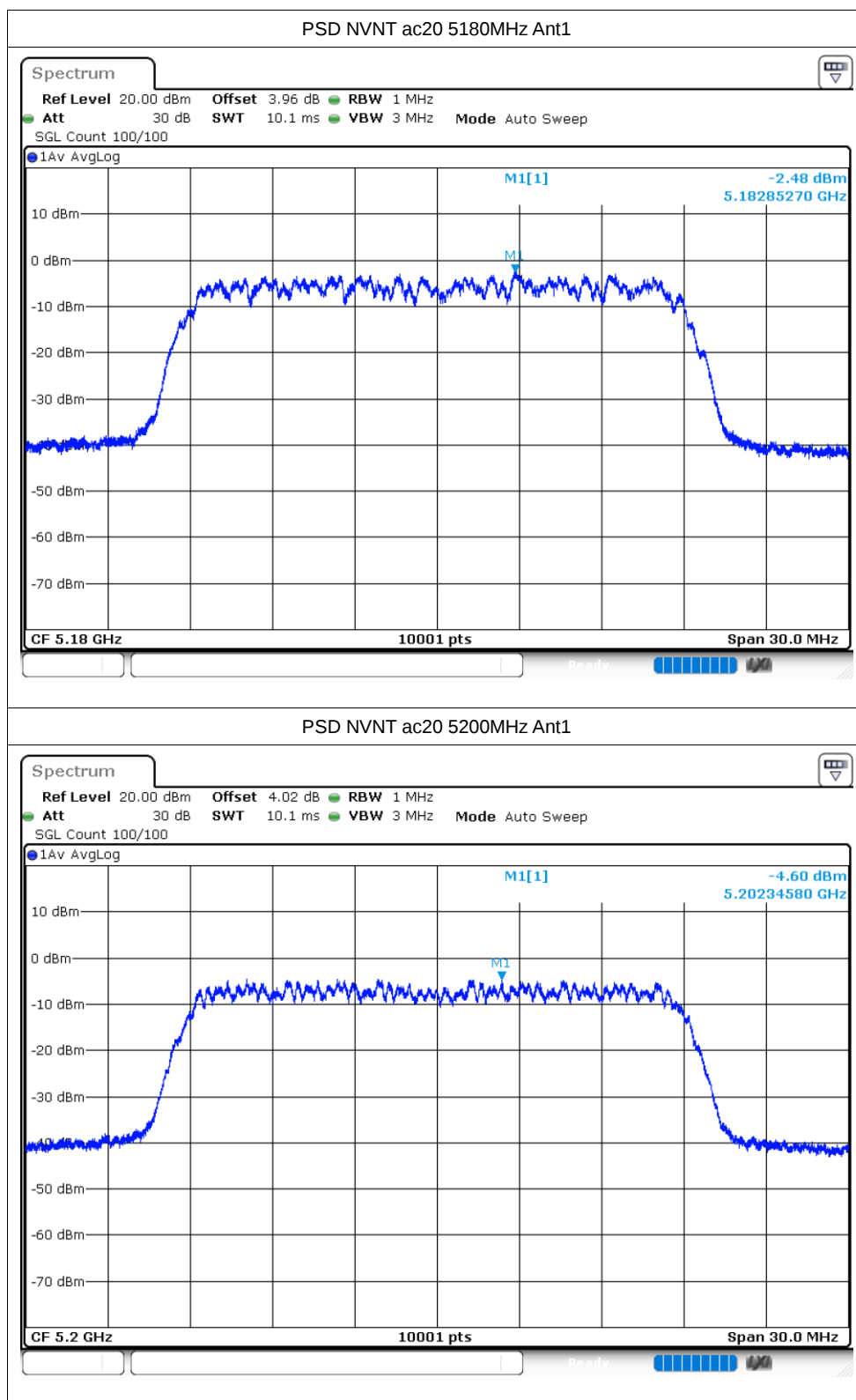
PSD NVNT a 5200MHz Ant1

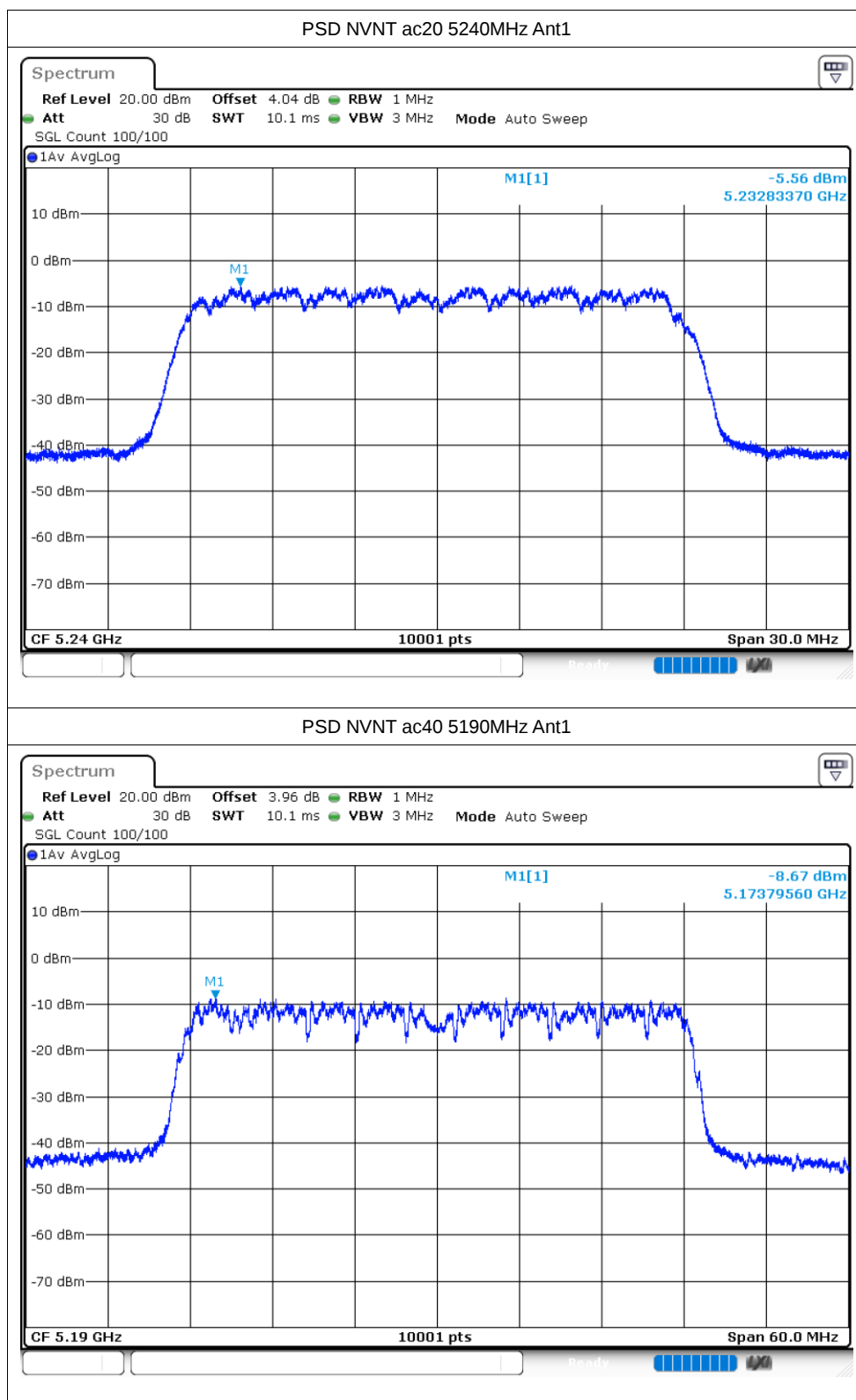


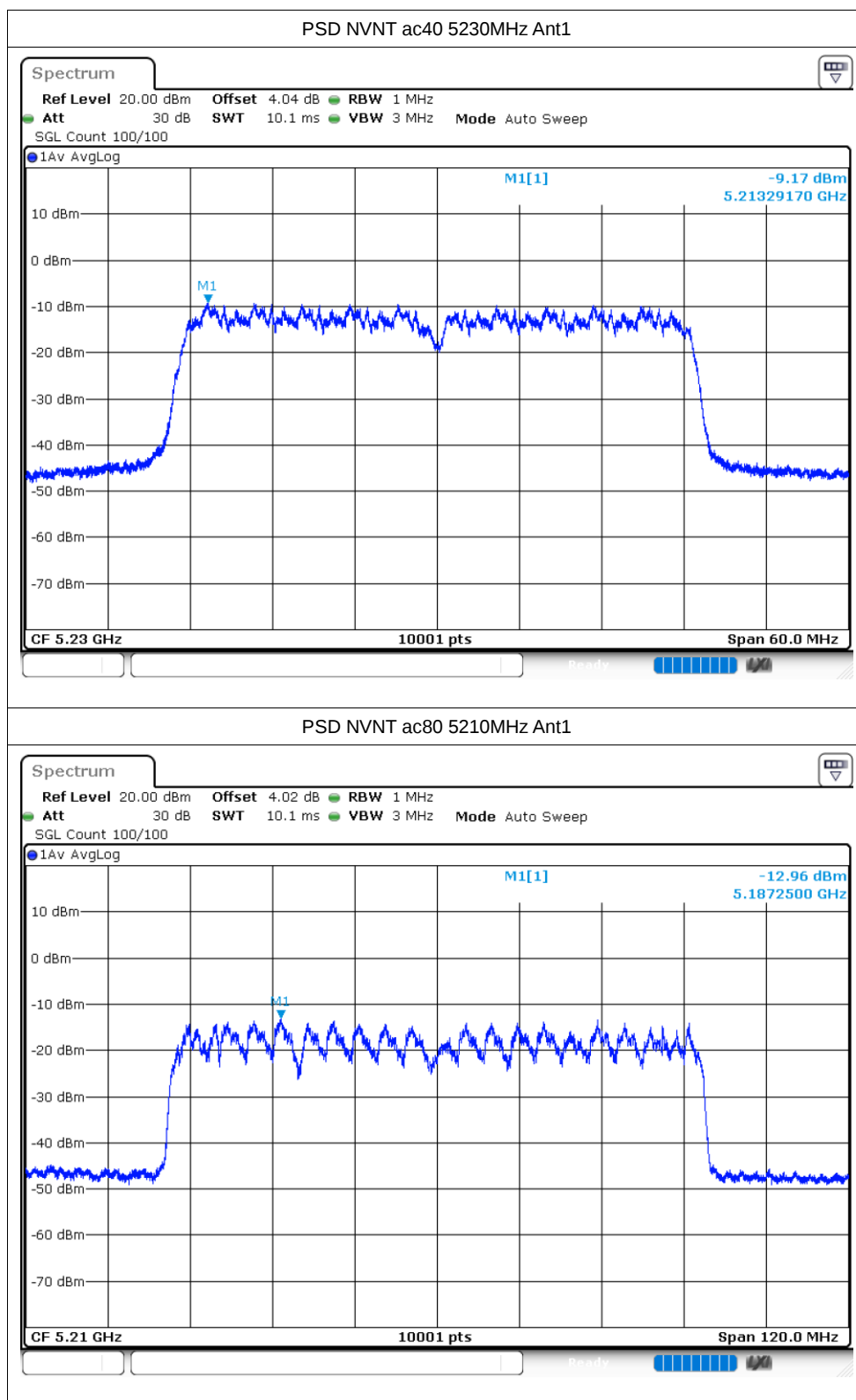










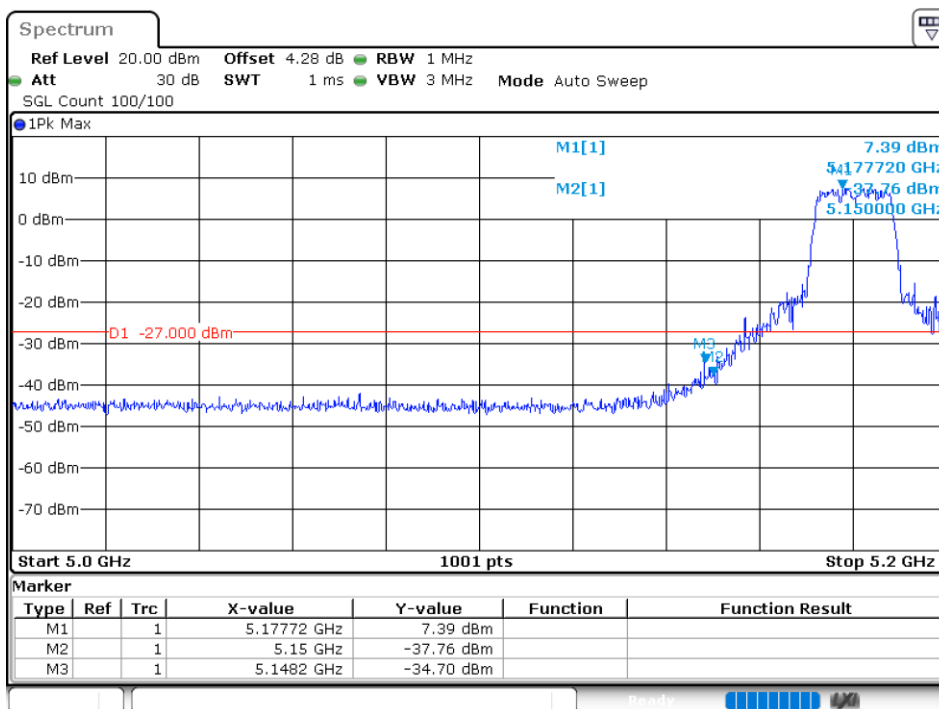


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-34.69	-27	Pass
NVNT	a	5240	Ant1	-41.24	-27	Pass
NVNT	n20	5180	Ant1	-32.17	-27	Pass
NVNT	n20	5240	Ant1	-42.62	-27	Pass
NVNT	n40	5190	Ant1	-32.92	-27	Pass
NVNT	n40	5230	Ant1	-42.38	-27	Pass
NVNT	ac20	5180	Ant1	-31.78	-27	Pass
NVNT	ac20	5240	Ant1	-42.1	-27	Pass
NVNT	ac40	5190	Ant1	-32.58	-27	Pass
NVNT	ac40	5230	Ant1	-42.75	-27	Pass
NVNT	ac80	5210	Ant1	-41.91	-27	Pass
NVNT	ac80	5210	Ant1	-32.93	-27	Pass

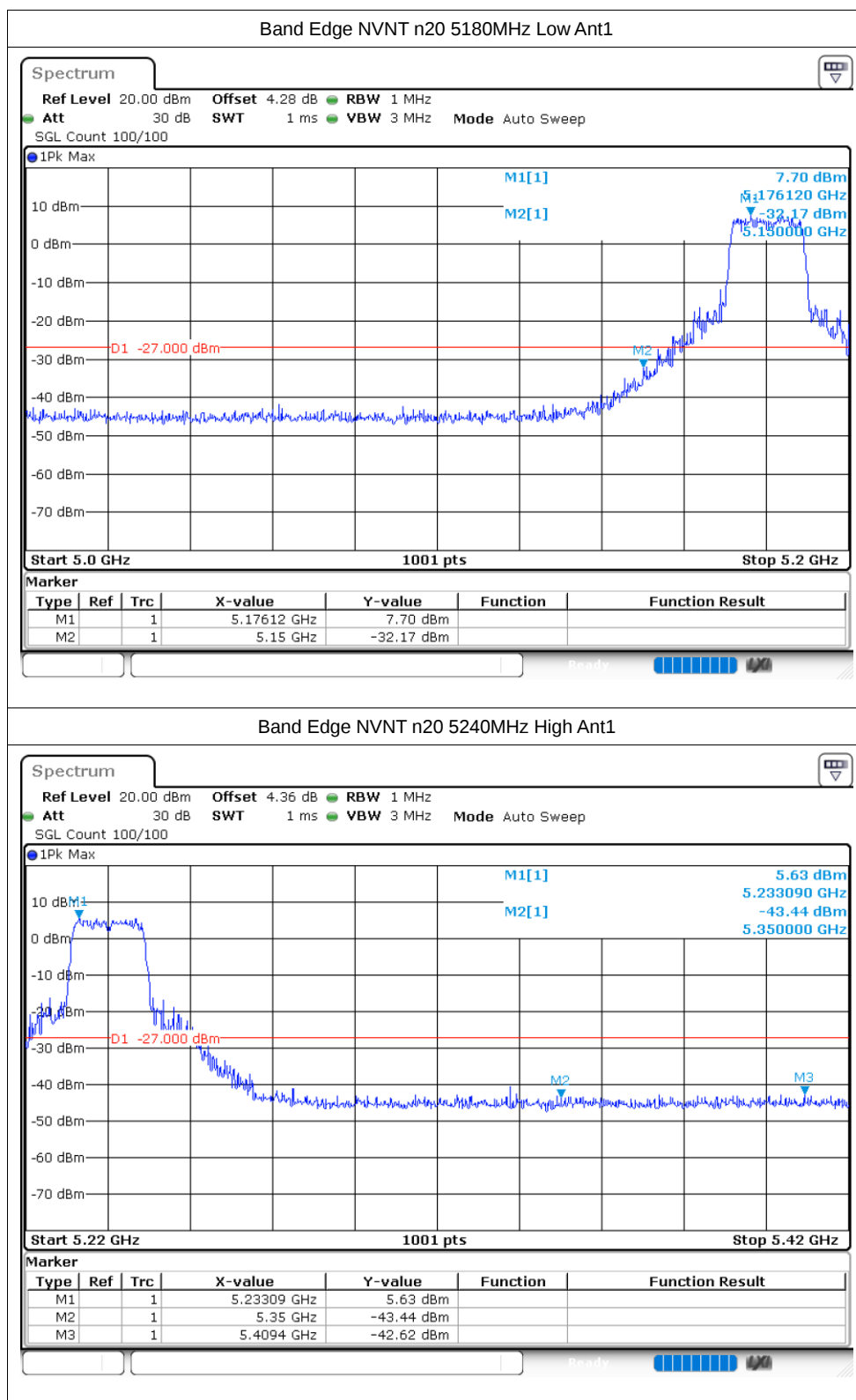
Test Graphs

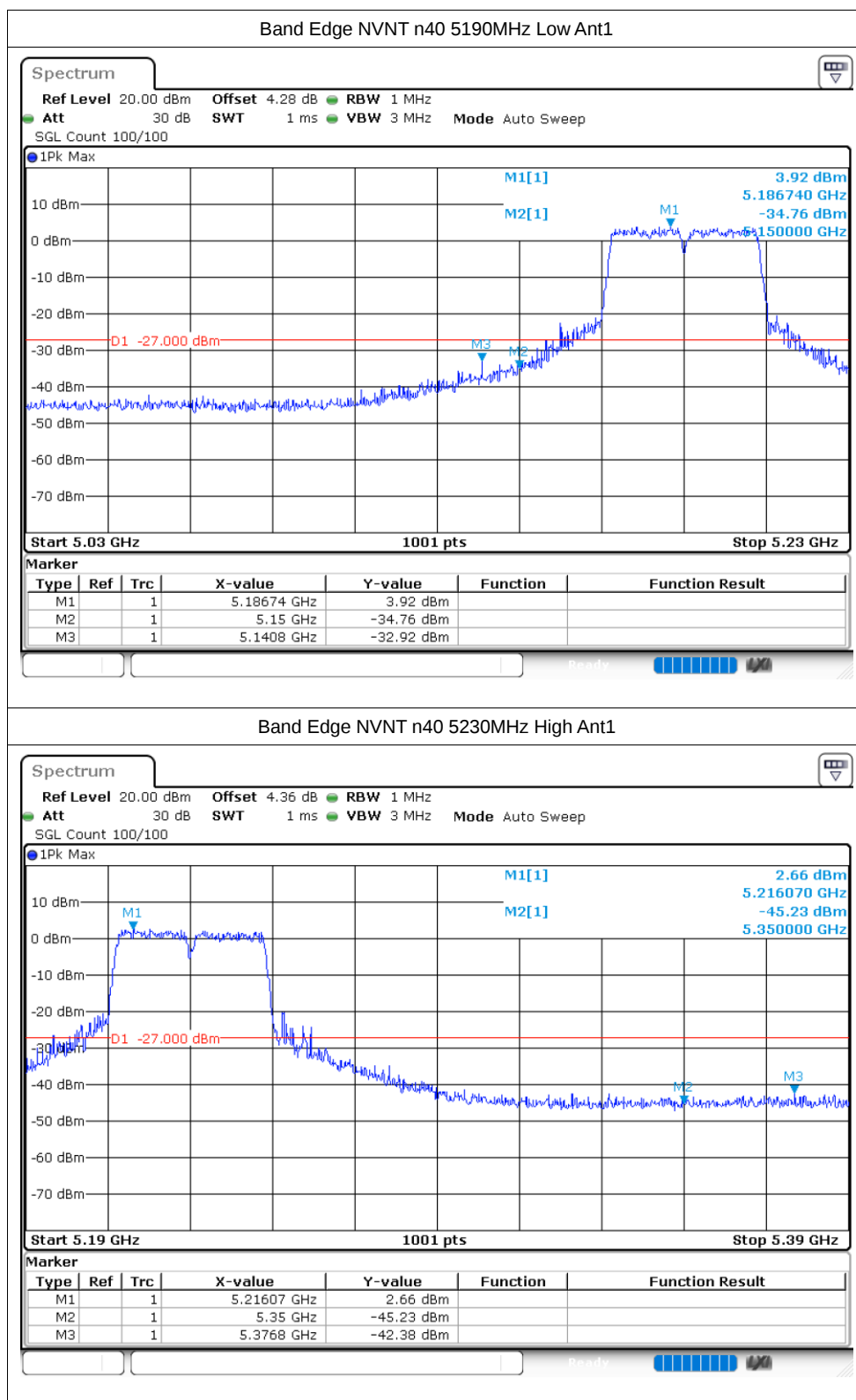
Band Edge NVNT a 5180MHz Low Ant1

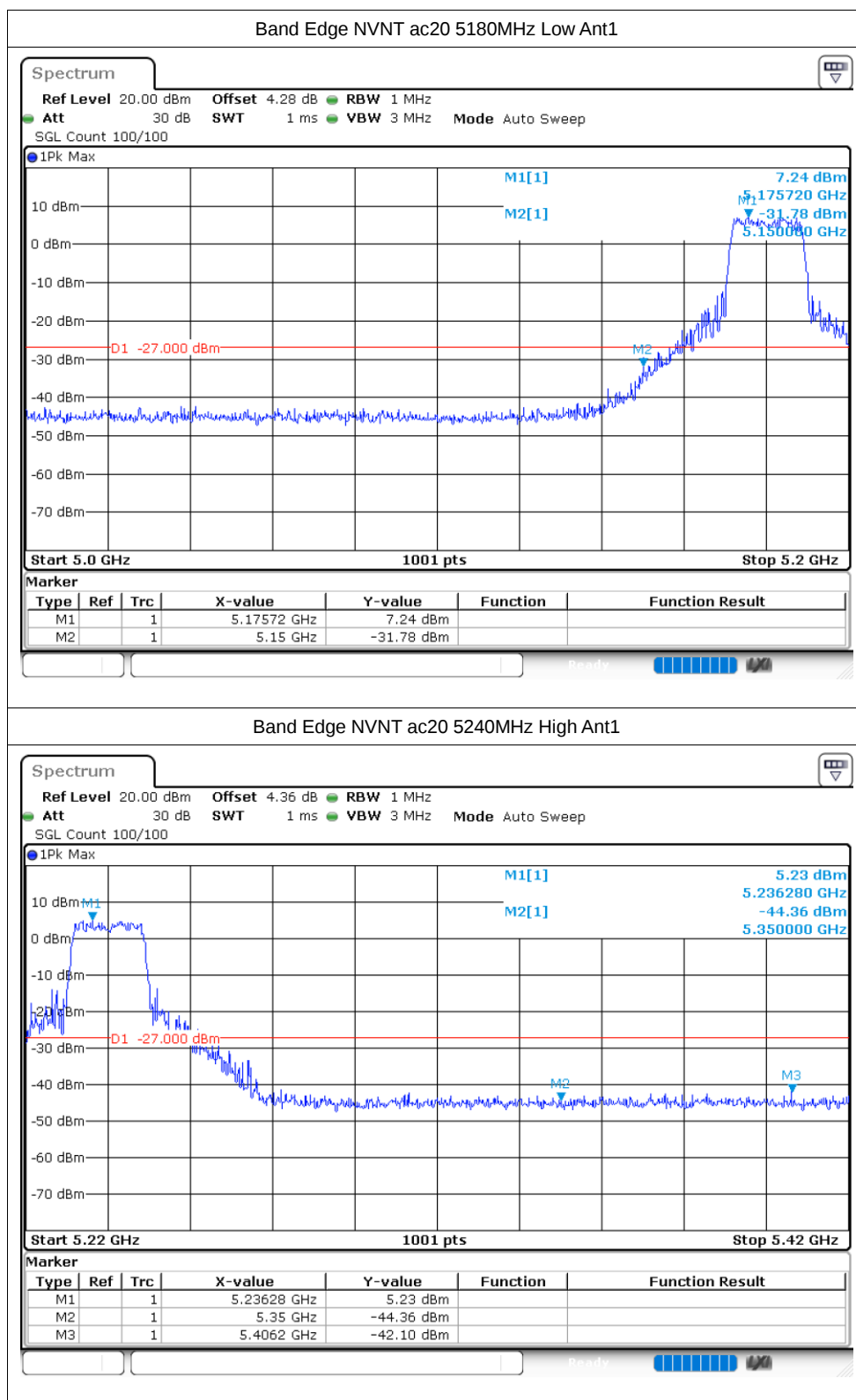


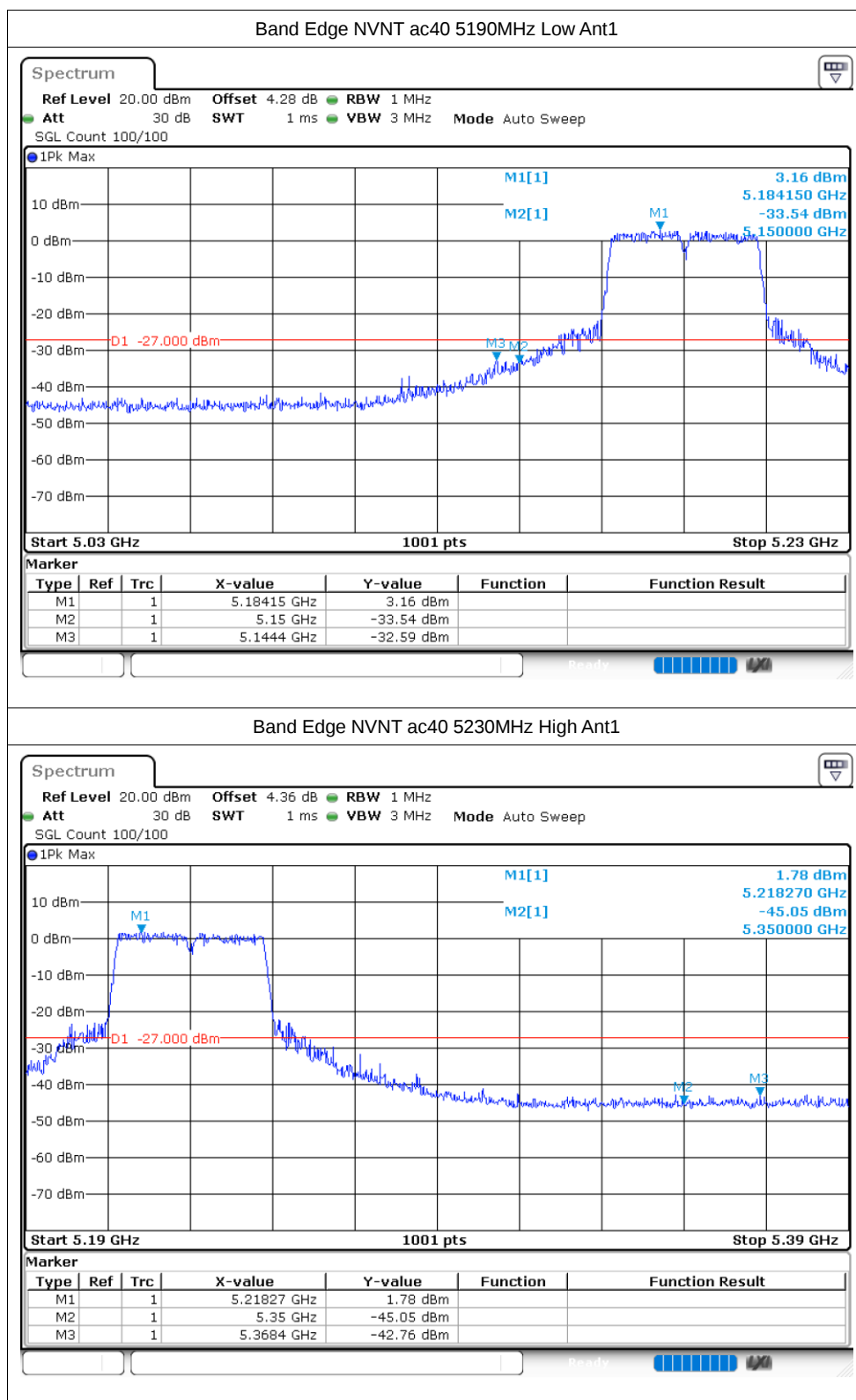
Band Edge NVNT a 5240MHz High Ant1

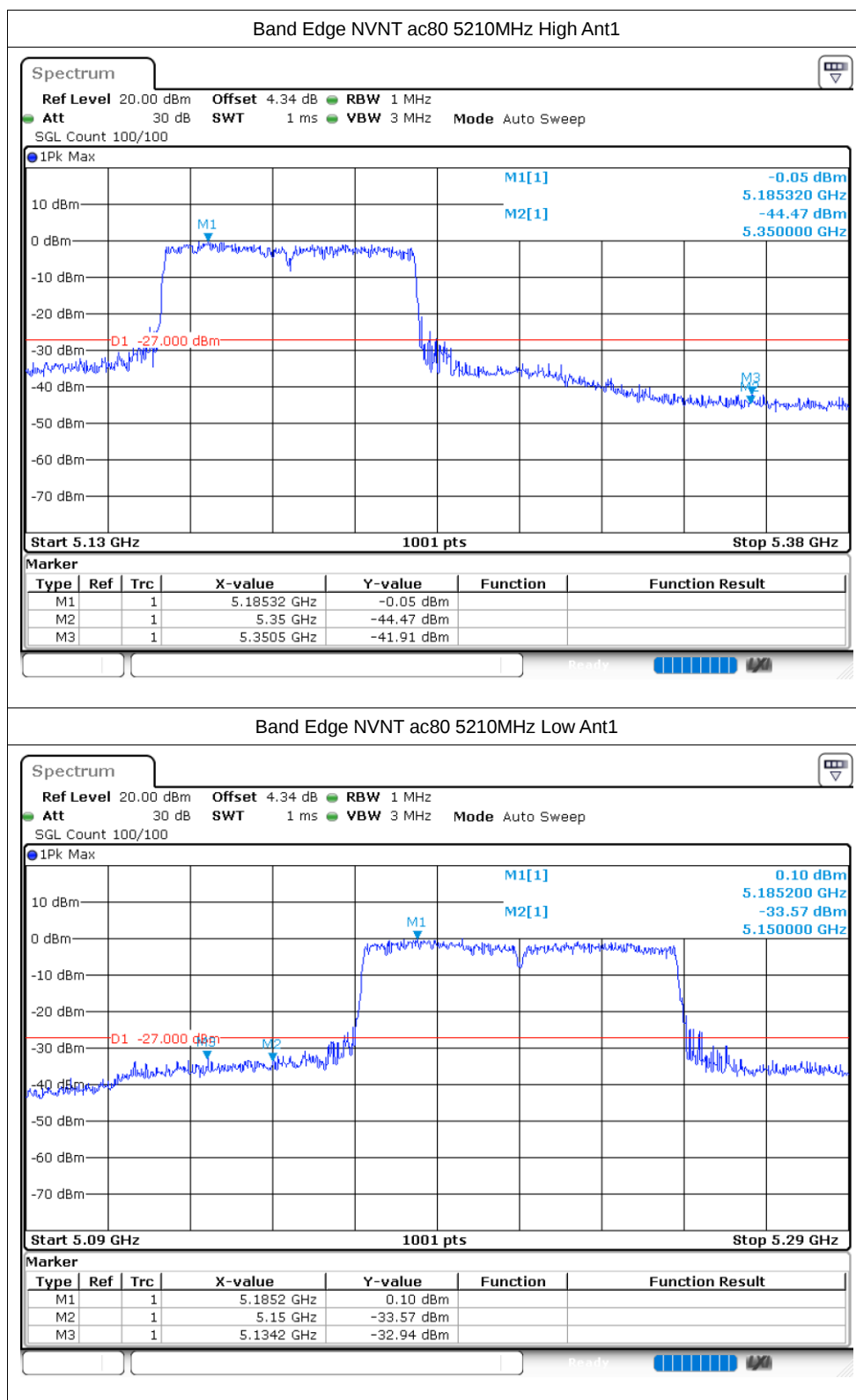












Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-32.93	-27	Pass
NVNT	a	5200	Ant1	-33.74	-27	Pass
NVNT	a	5240	Ant1	-33.64	-27	Pass
NVNT	n20	5180	Ant1	-32.89	-27	Pass
NVNT	n20	5200	Ant1	-33.73	-27	Pass
NVNT	n20	5240	Ant1	-33.53	-27	Pass
NVNT	n40	5190	Ant1	-33.32	-27	Pass
NVNT	n40	5230	Ant1	-33.88	-27	Pass
NVNT	ac20	5180	Ant1	-33.59	-27	Pass
NVNT	ac20	5200	Ant1	-33.26	-27	Pass
NVNT	ac20	5240	Ant1	-33.42	-27	Pass
NVNT	ac40	5190	Ant1	-33.69	-27	Pass
NVNT	ac40	5230	Ant1	-33.79	-27	Pass
NVNT	ac80	5210	Ant1	-33.15	-27	Pass

