

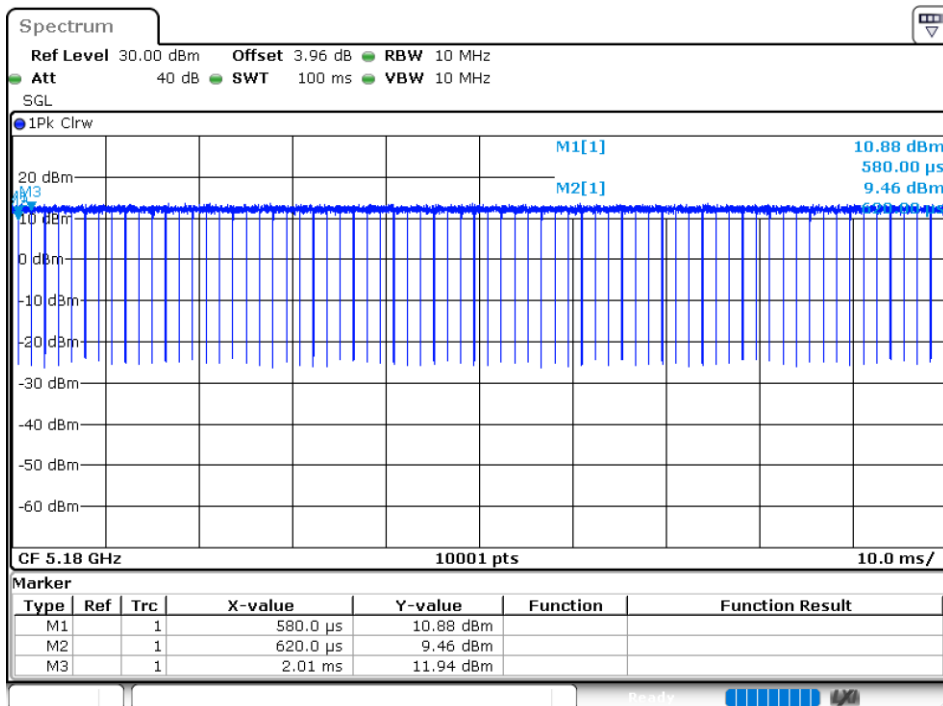
WIFI 5.2G:

Duty Cycle

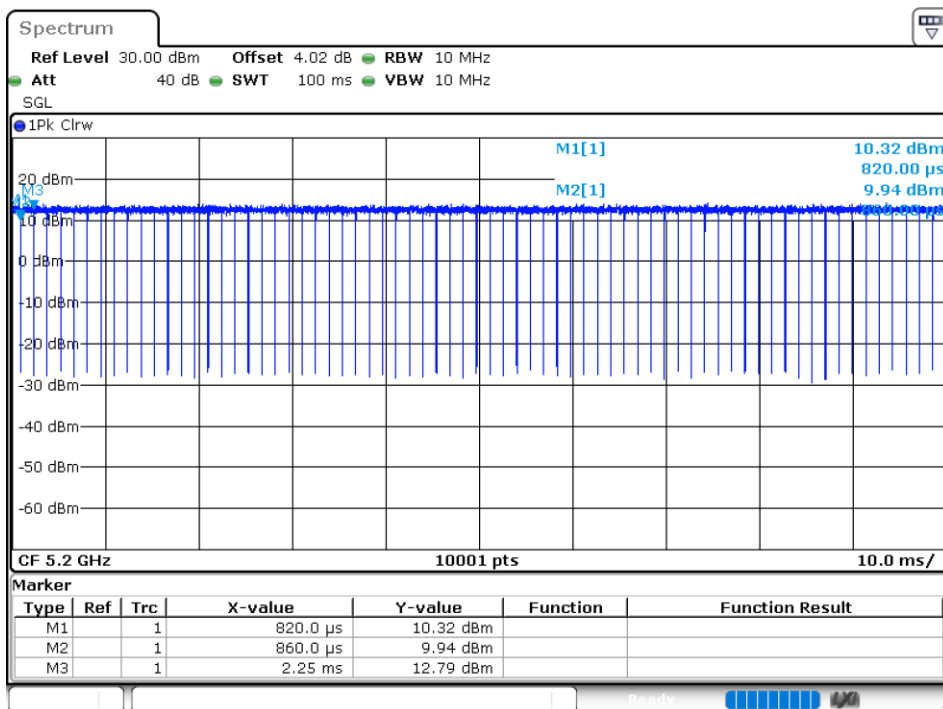
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	97.56	0.11	0.72
NVNT	a	5200	Ant1	97.59	0.11	0.72
NVNT	a	5240	Ant1	97.56	0.11	0.72
NVNT	n20	5180	Ant1	97.43	0.11	0.77
NVNT	n20	5200	Ant1	97.41	0.11	0.77
NVNT	n20	5240	Ant1	97.41	0.11	0.77
NVNT	n40	5190	Ant1	95.05	0.22	1.54
NVNT	n40	5230	Ant1	95.06	0.22	1.54
NVNT	ac20	5180	Ant1	97.49	0.11	0.76
NVNT	ac20	5200	Ant1	97.43	0.11	0.76
NVNT	ac20	5240	Ant1	97.41	0.11	0.76
NVNT	ac40	5190	Ant1	95.08	0.22	1.54
NVNT	ac40	5230	Ant1	95.08	0.22	1.54
NVNT	ac80	5210	Ant1	90.61	0.43	3.13

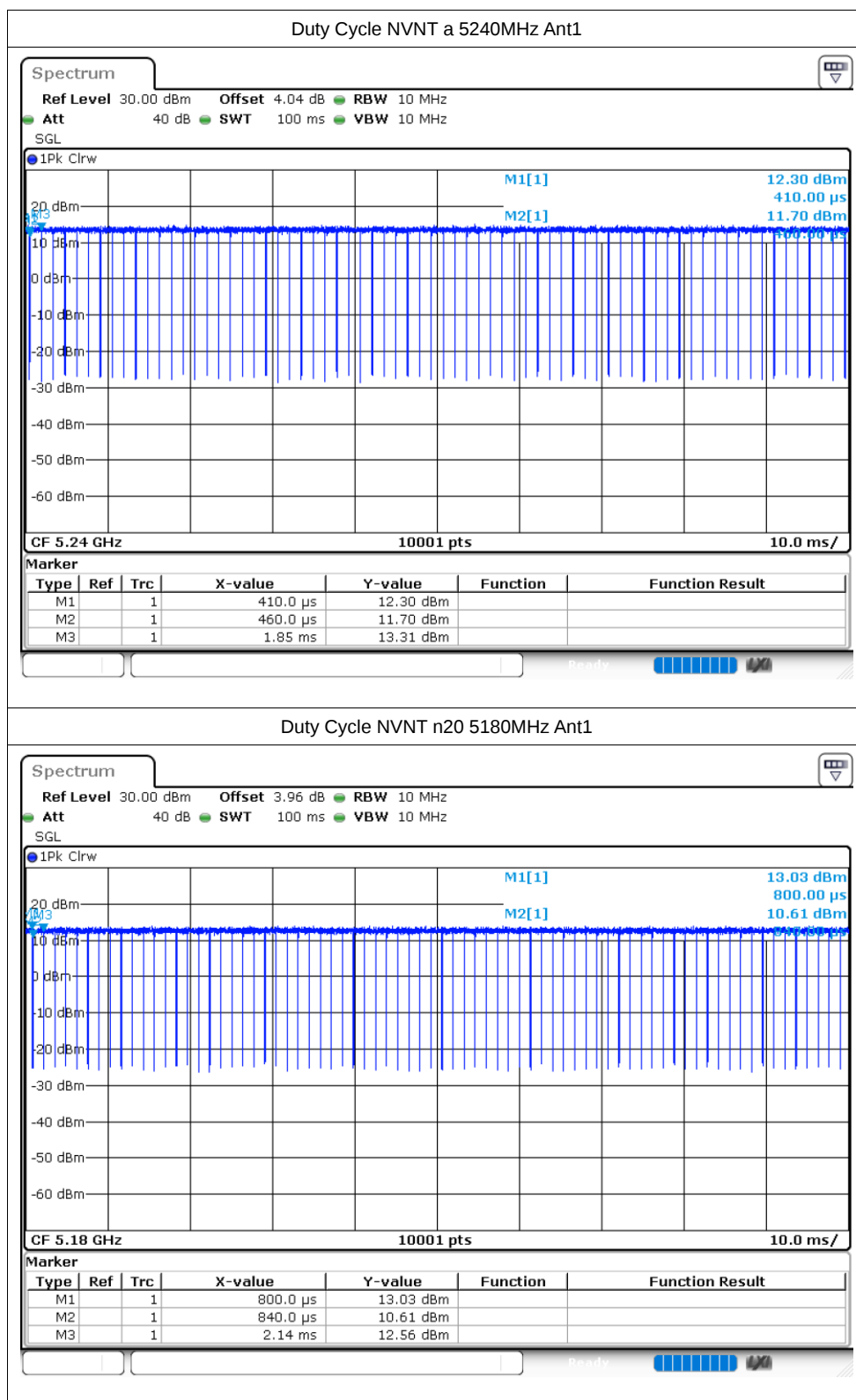
Test Graphs

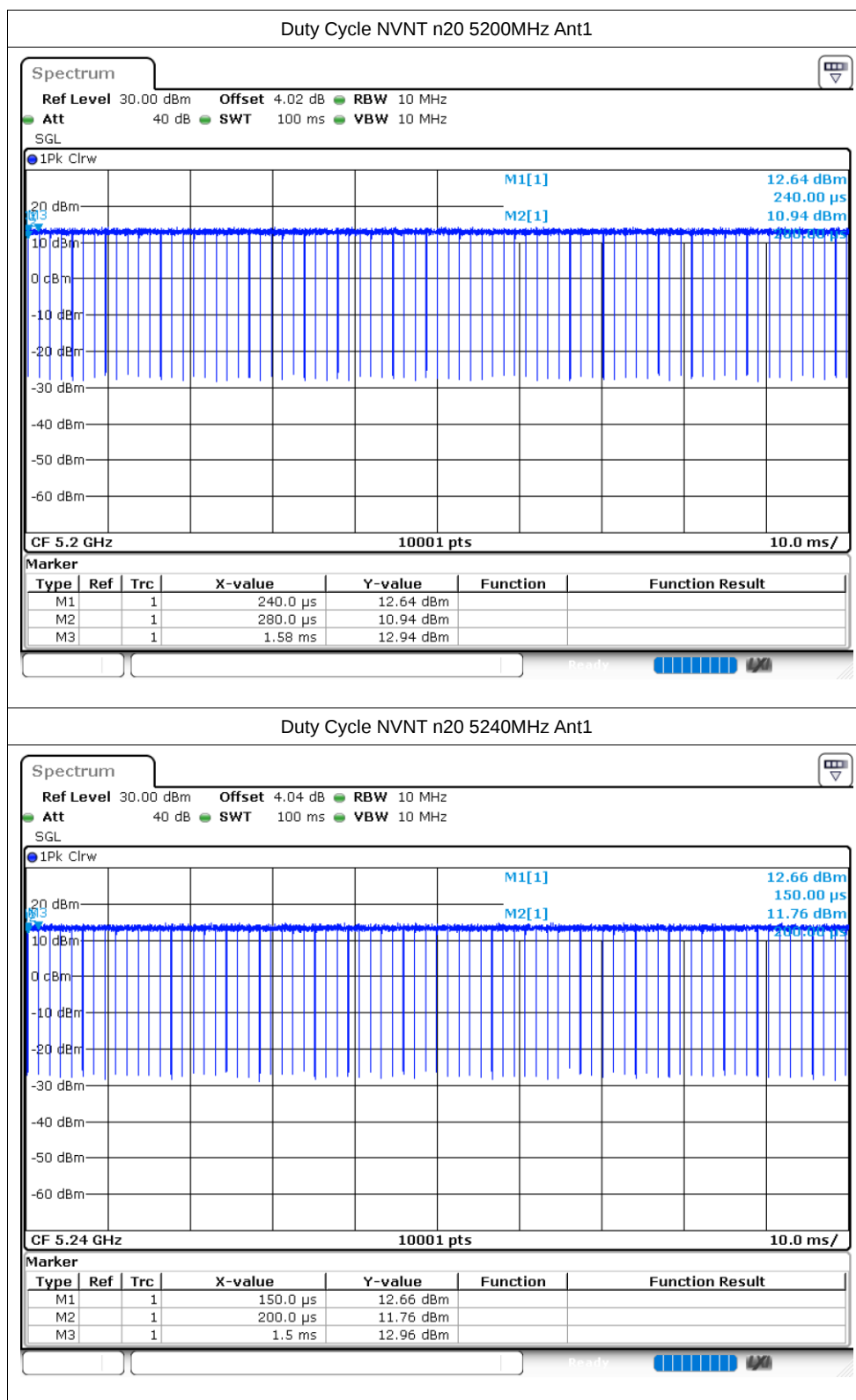
Duty Cycle NVNT a 5180MHz Ant1

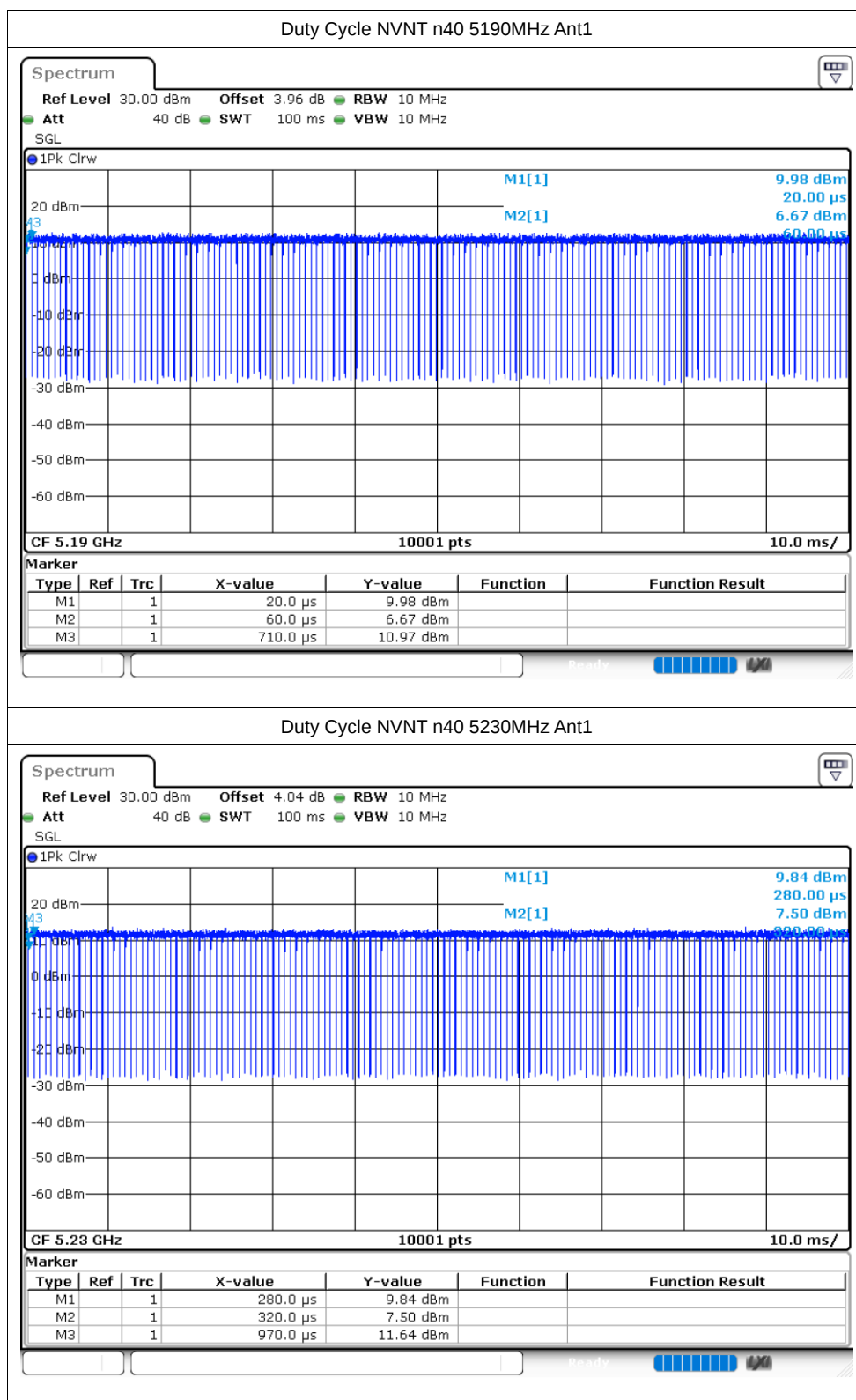


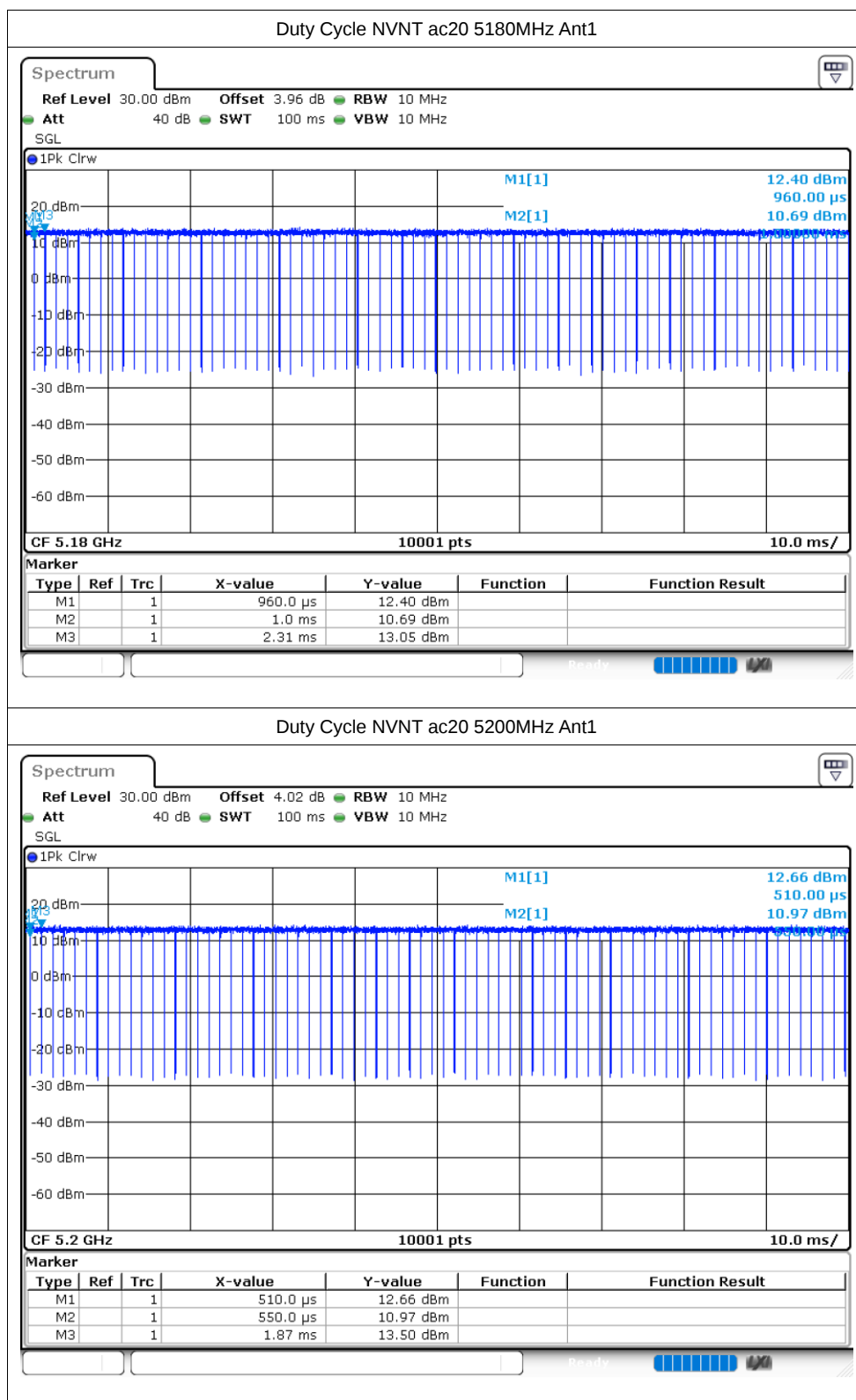
Duty Cycle NVNT a 5200MHz Ant1

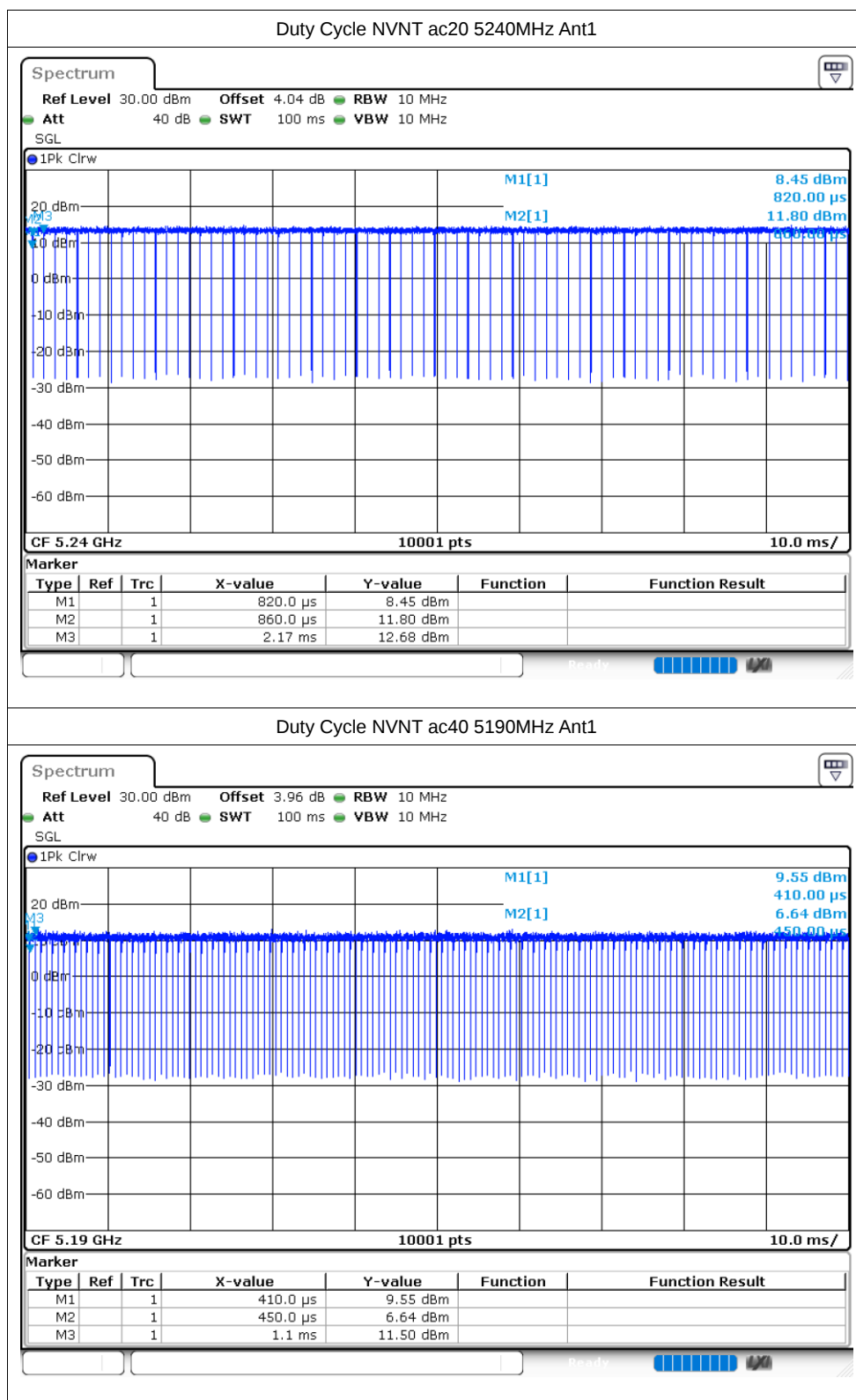


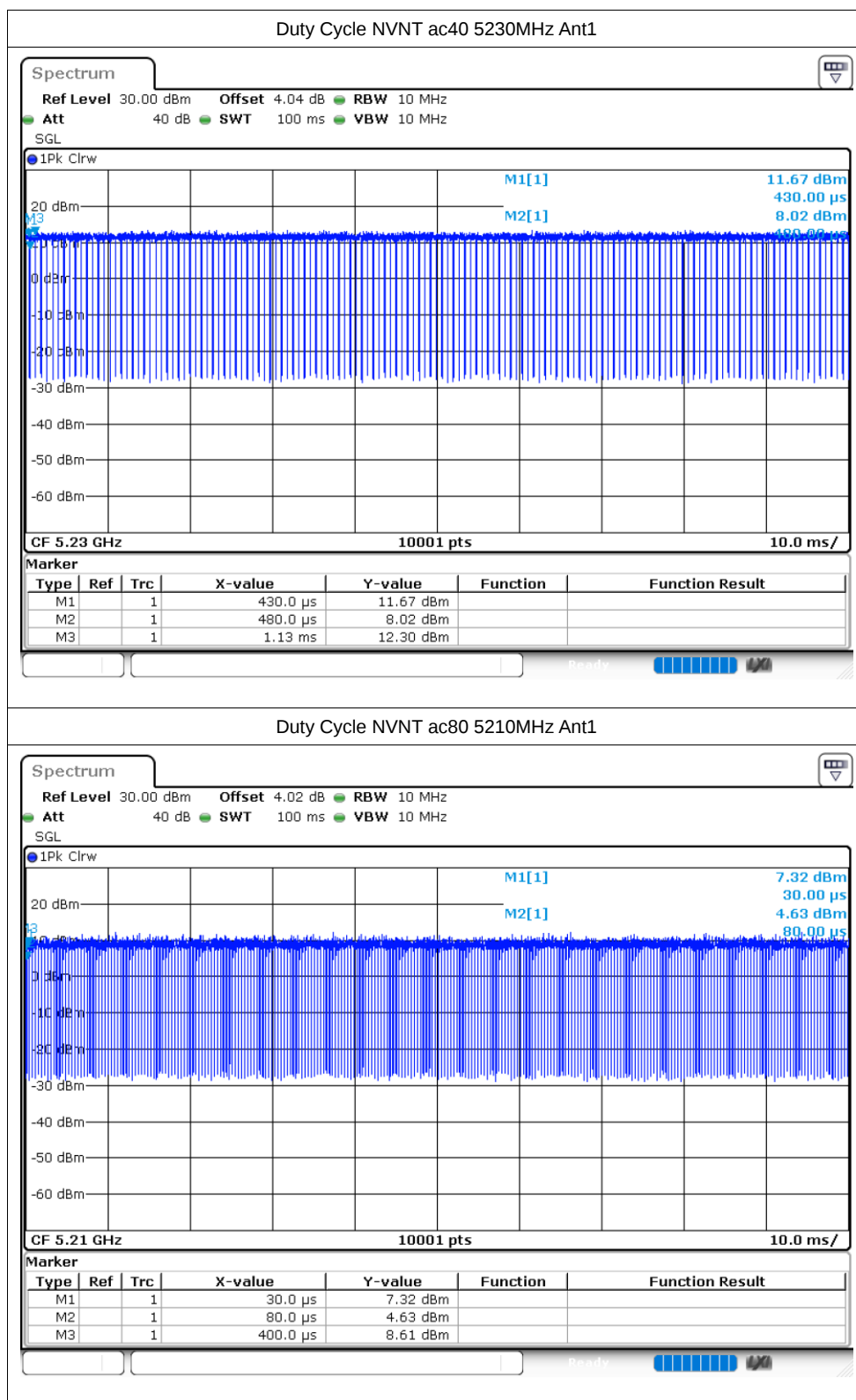












Maximum Conducted Output Power

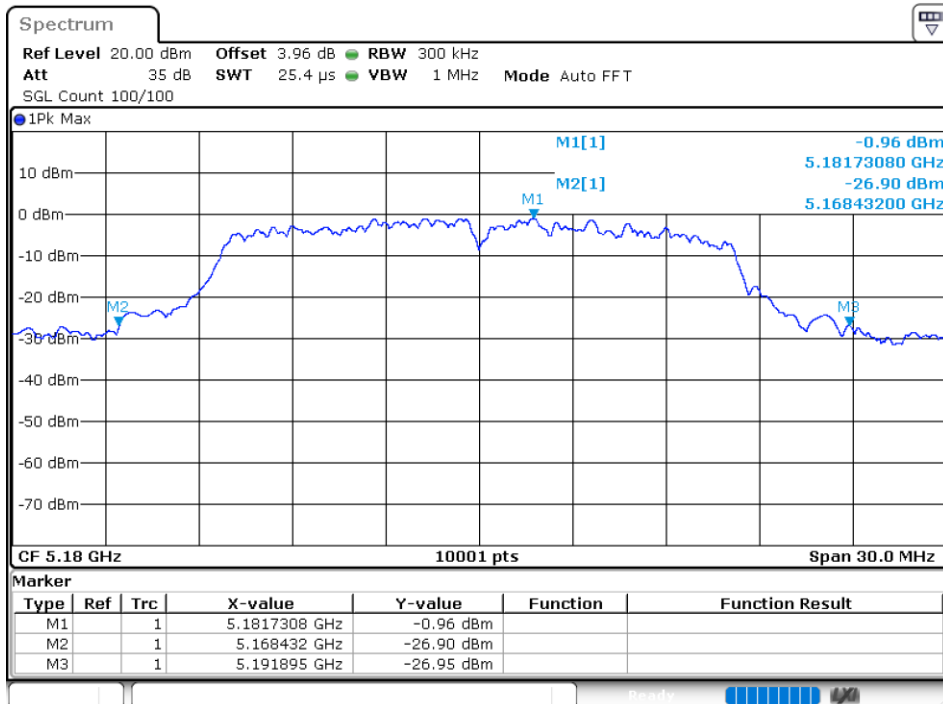
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	10.37	24	Pass
NVNT	a	5200	Ant1	9.61	24	Pass
NVNT	a	5240	Ant1	9.56	24	Pass
NVNT	n20	5180	Ant1	10.88	24	Pass
NVNT	n20	5200	Ant1	10.31	24	Pass
NVNT	n20	5240	Ant1	9.39	24	Pass
NVNT	n40	5190	Ant1	10.77	24	Pass
NVNT	n40	5230	Ant1	9.99	24	Pass
NVNT	ac20	5180	Ant1	10.92	24	Pass
NVNT	ac20	5200	Ant1	10.28	24	Pass
NVNT	ac20	5240	Ant1	9.29	24	Pass
NVNT	ac40	5190	Ant1	10.7	24	Pass
NVNT	ac40	5230	Ant1	9.83	24	Pass
NVNT	ac80	5210	Ant1	10.42	24	Pass

-26dB Bandwidth

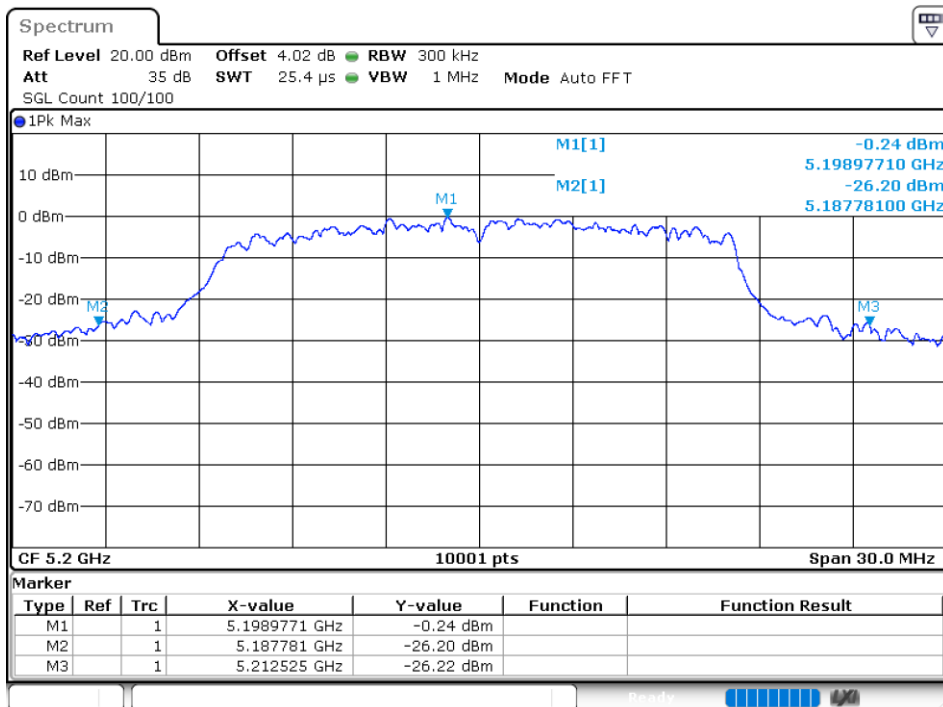
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	23.463	Pass
NVNT	a	5200	Ant1	24.744	Pass
NVNT	a	5240	Ant1	26.733	Pass
NVNT	n20	5180	Ant1	30	Pass
NVNT	n20	5200	Ant1	29.67	Pass
NVNT	n20	5240	Ant1	30	Pass
NVNT	n40	5190	Ant1	59.982	Pass
NVNT	n40	5230	Ant1	59.886	Pass
NVNT	ac20	5180	Ant1	29.955	Pass
NVNT	ac20	5200	Ant1	28.677	Pass
NVNT	ac20	5240	Ant1	29.655	Pass
NVNT	ac40	5190	Ant1	60	Pass
NVNT	ac40	5230	Ant1	59.916	Pass
NVNT	ac80	5210	Ant1	120	Pass

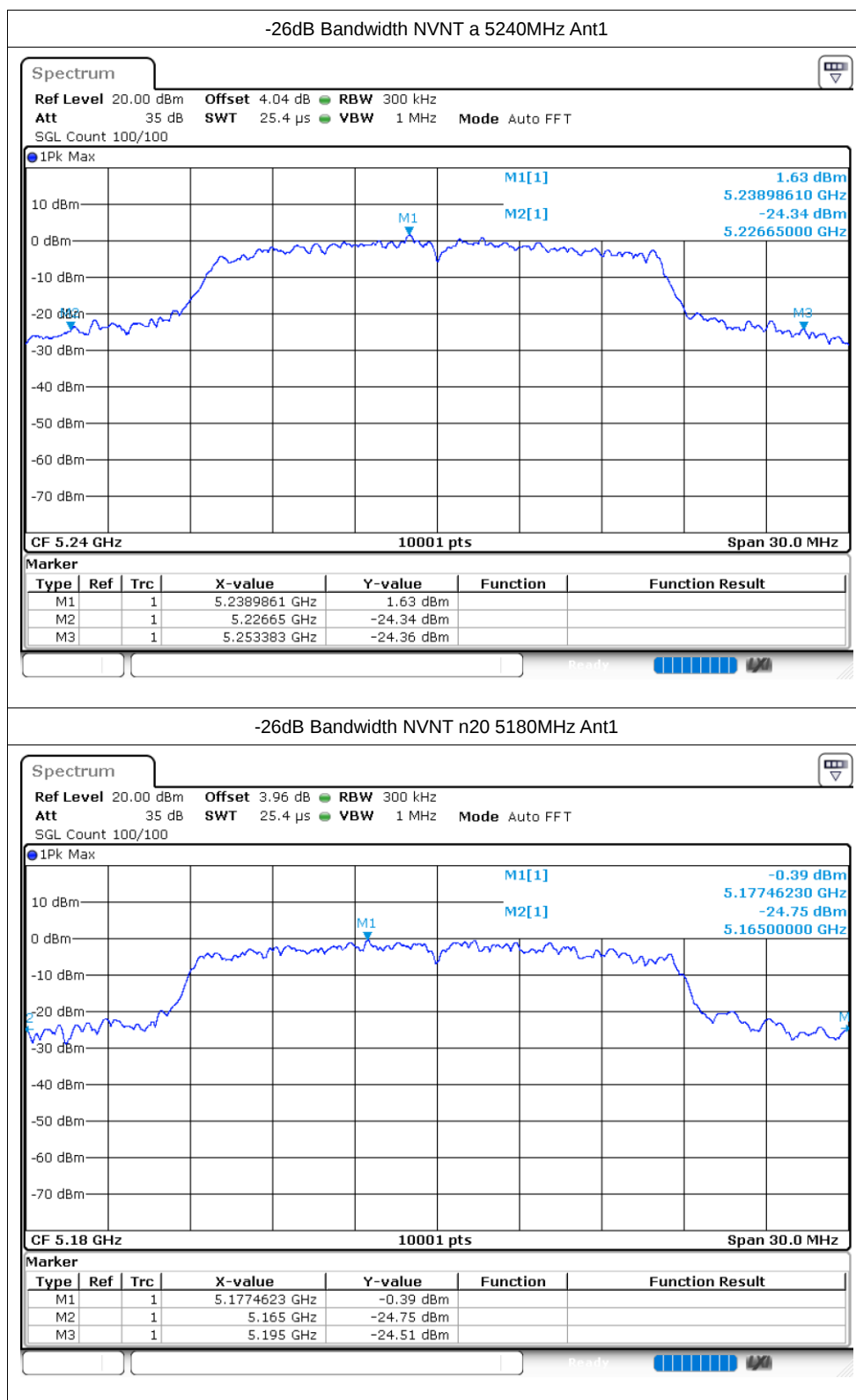
Test Graphs

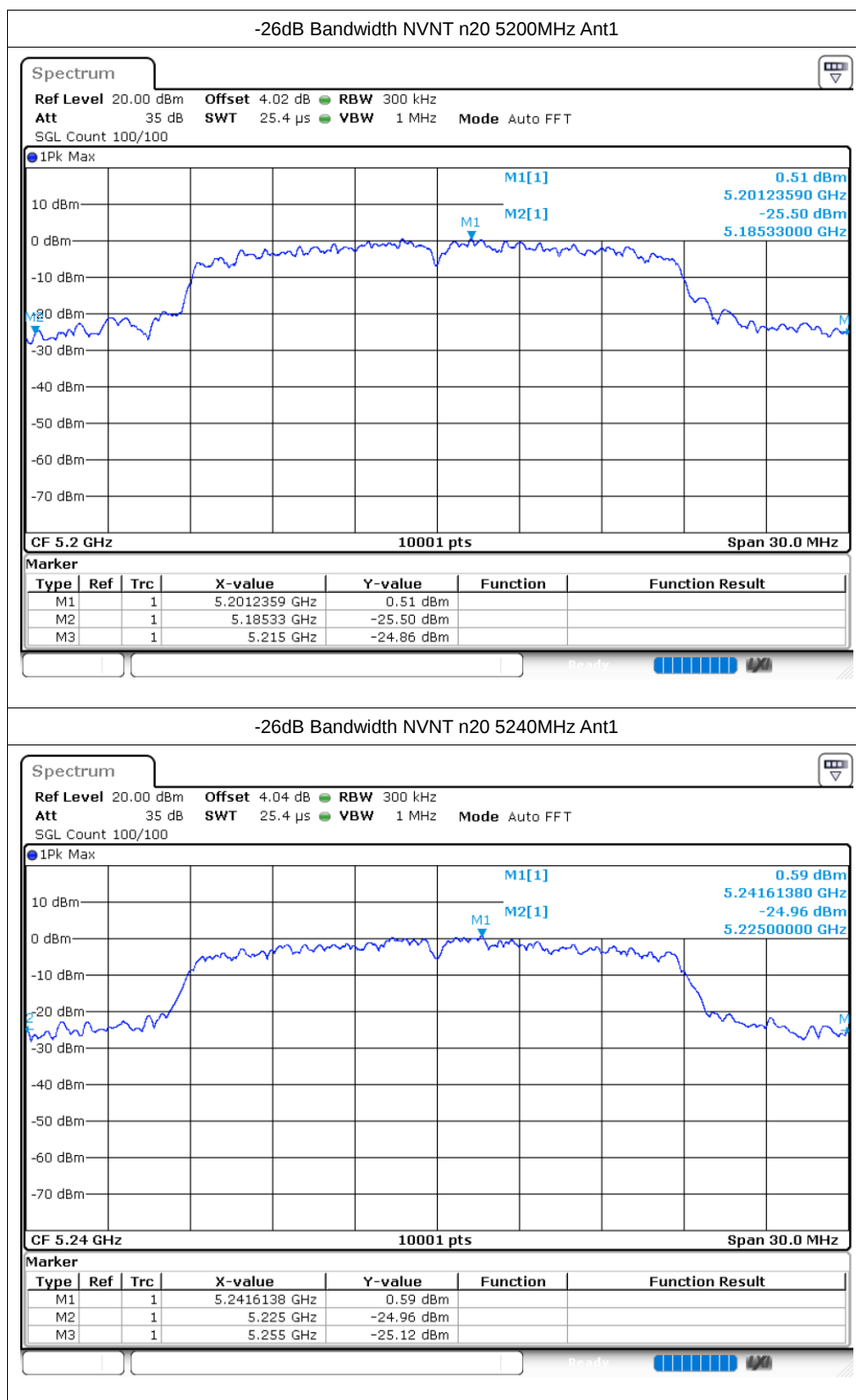
-26dB Bandwidth NVNT a 5180MHz Ant1

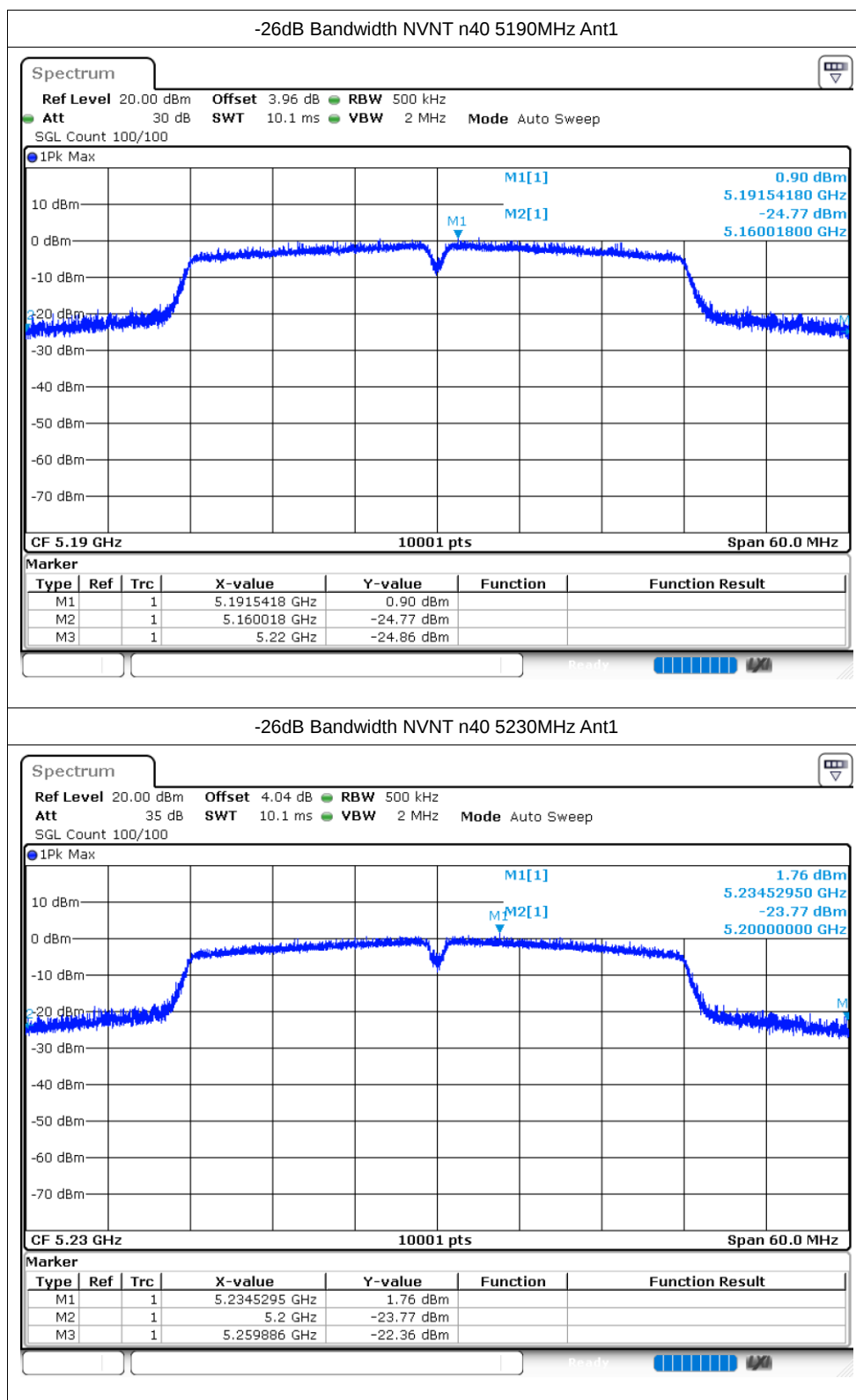


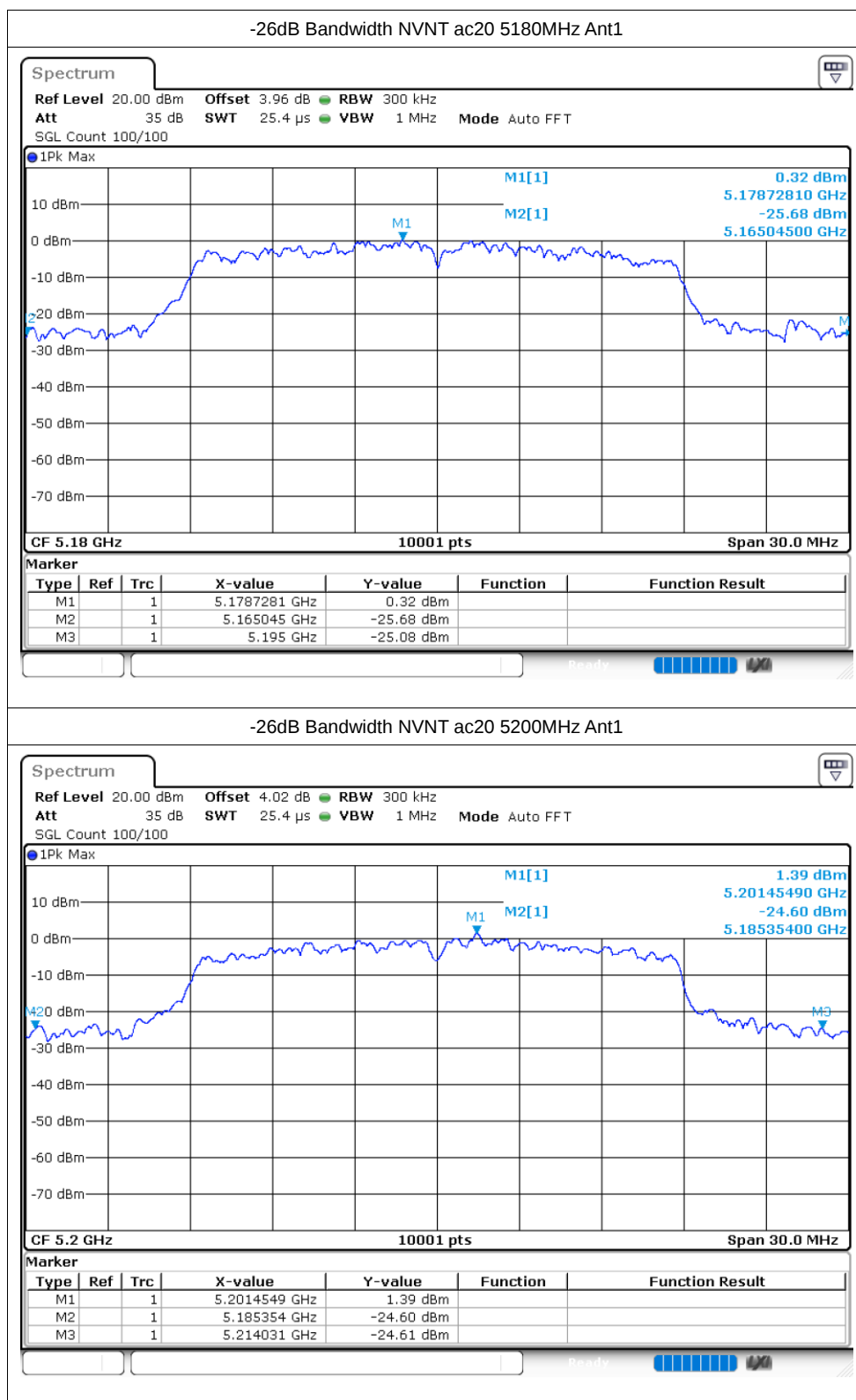
-26dB Bandwidth NVNT a 5200MHz Ant1

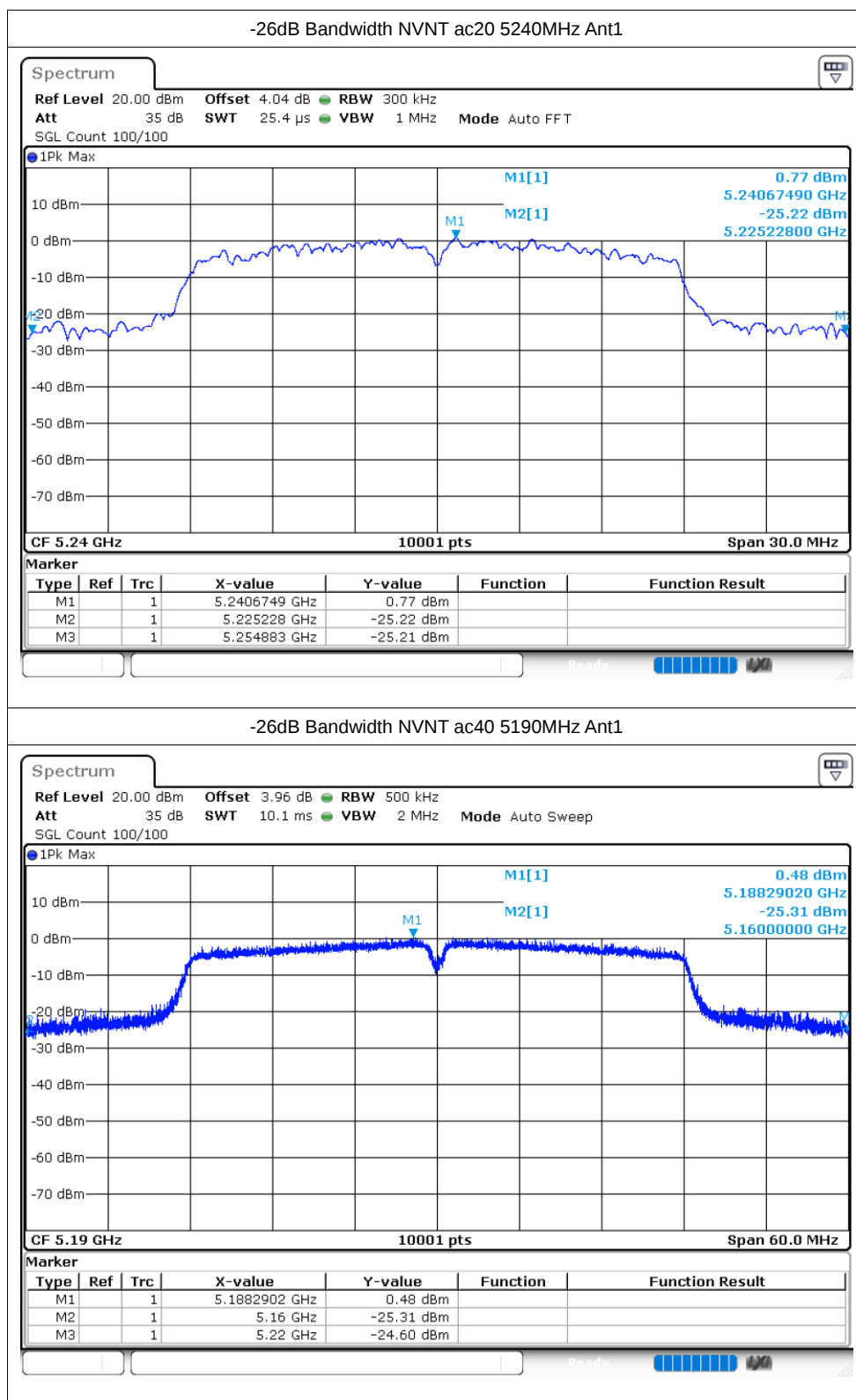


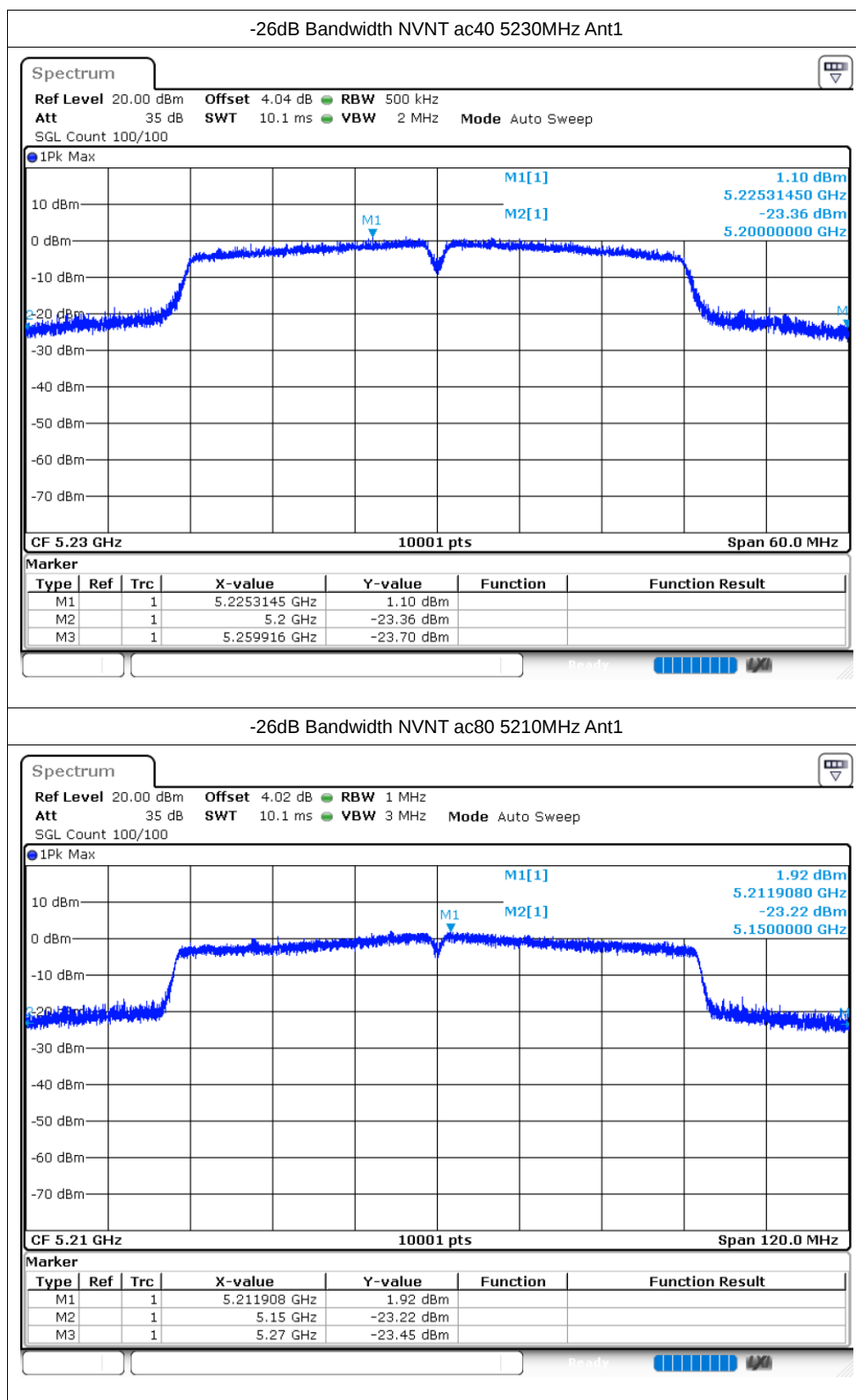










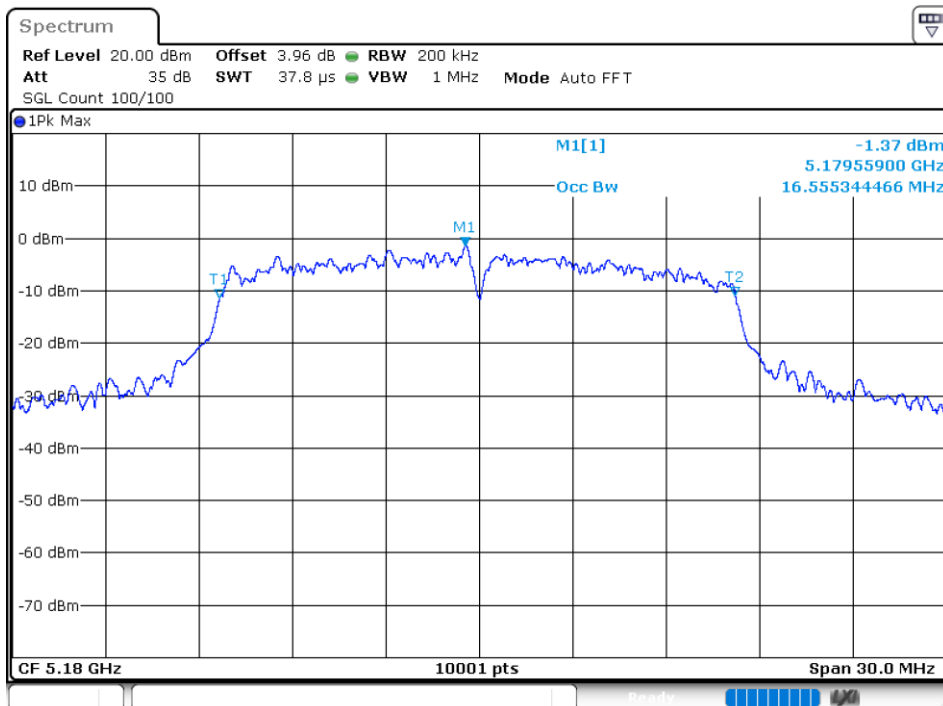


Occupied Channel Bandwidth

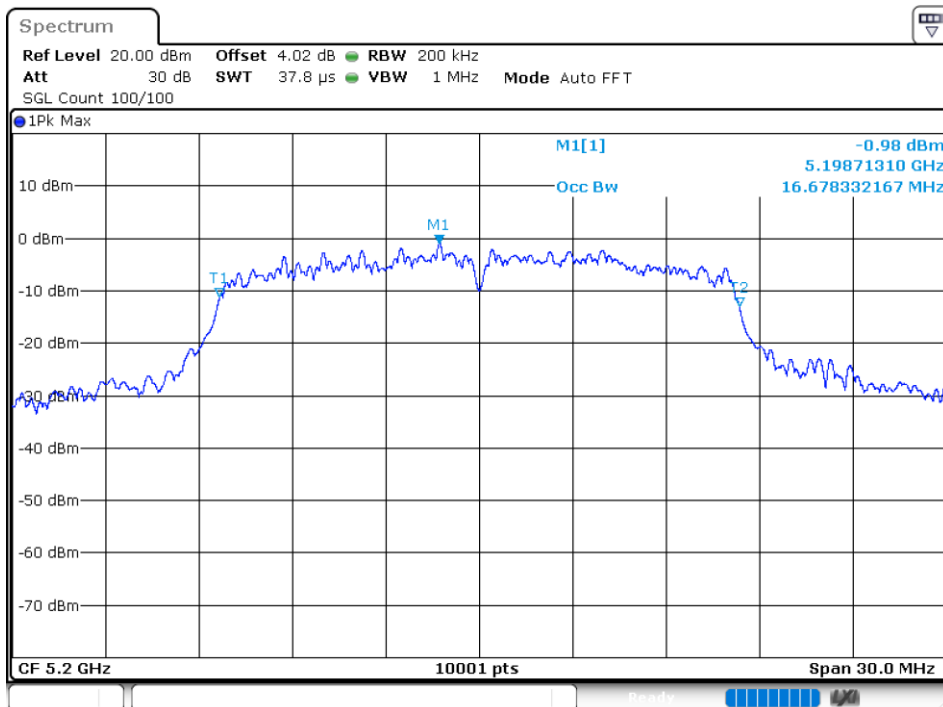
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.555
NVNT	a	5200	Ant1	16.678
NVNT	a	5240	Ant1	16.984
NVNT	n20	5180	Ant1	17.818
NVNT	n20	5200	Ant1	17.746
NVNT	n20	5240	Ant1	17.722
NVNT	n40	5190	Ant1	36.974
NVNT	n40	5230	Ant1	36.734
NVNT	ac20	5180	Ant1	17.848
NVNT	ac20	5200	Ant1	17.854
NVNT	ac20	5240	Ant1	17.869
NVNT	ac40	5190	Ant1	36.806
NVNT	ac40	5230	Ant1	36.674
NVNT	ac80	5210	Ant1	76.18

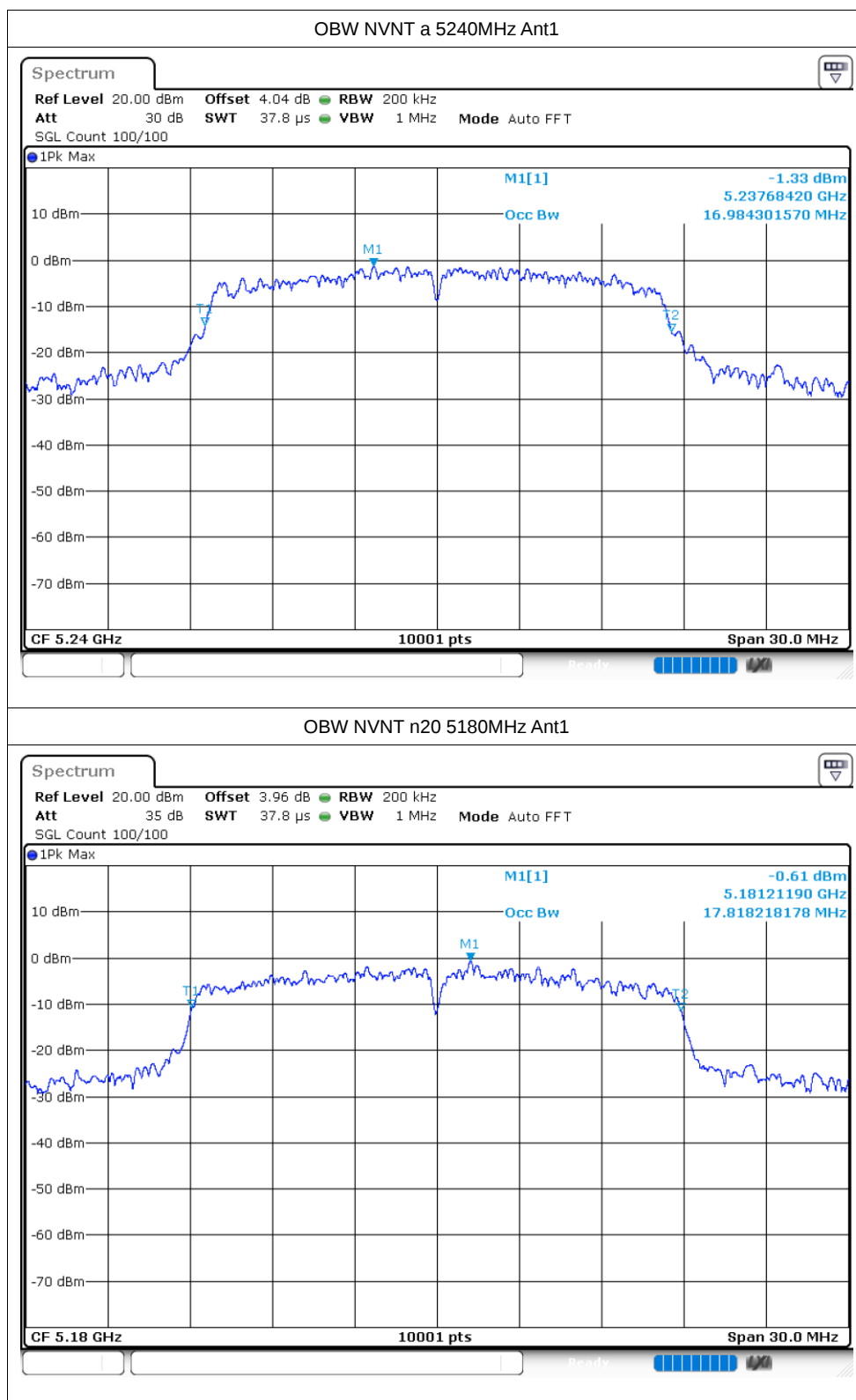
Test Graphs

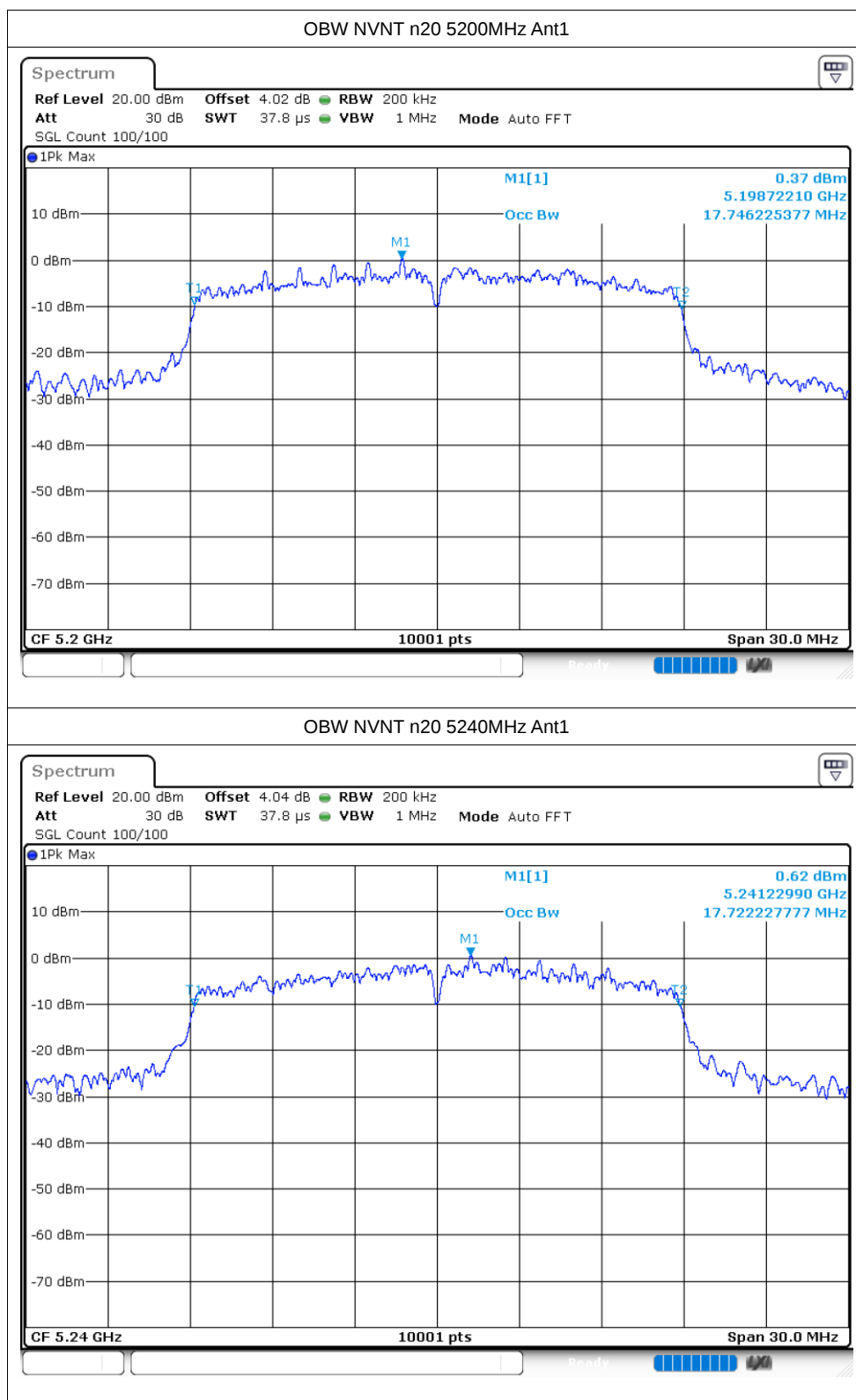
OBW NVNT a 5180MHz Ant1

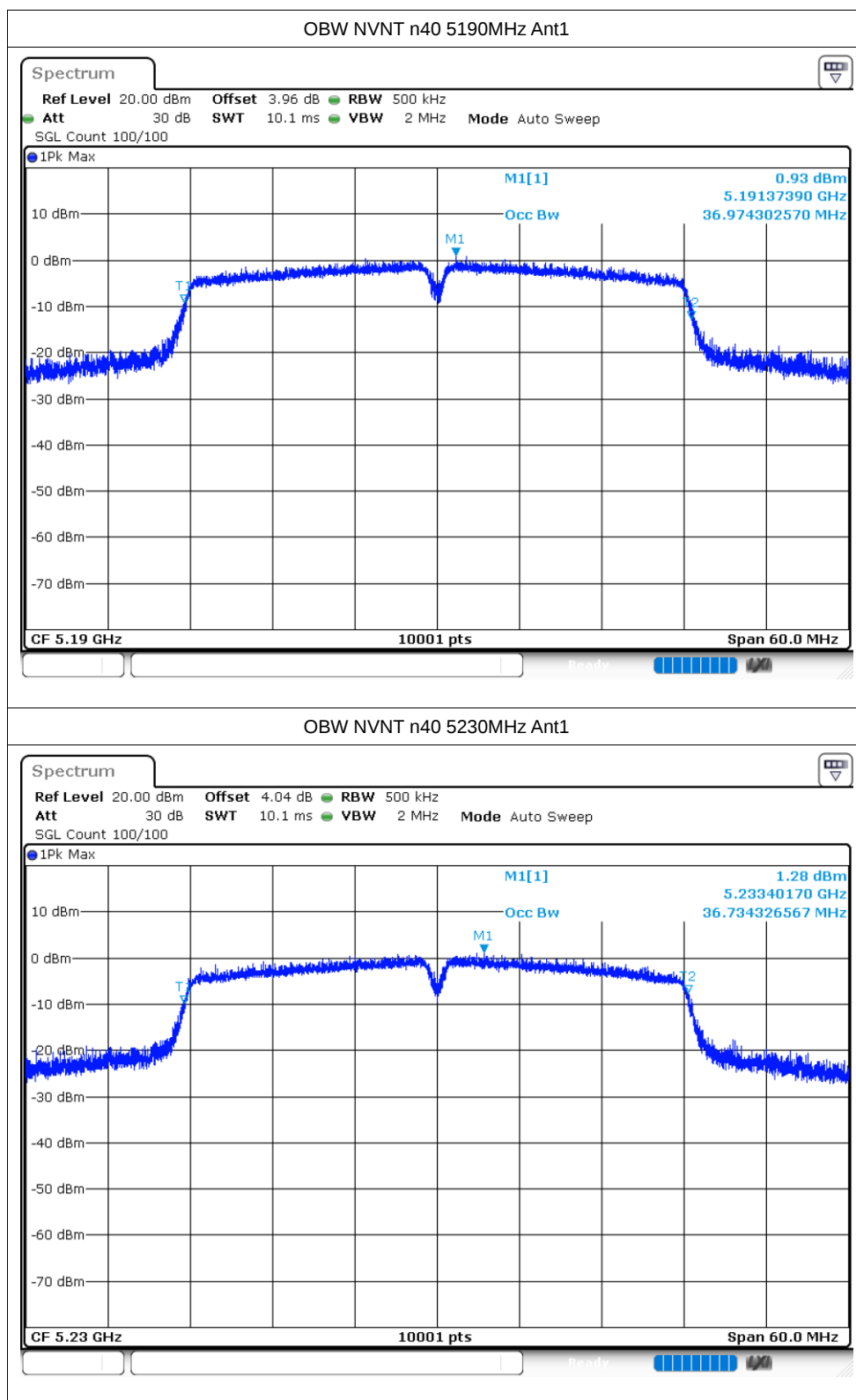


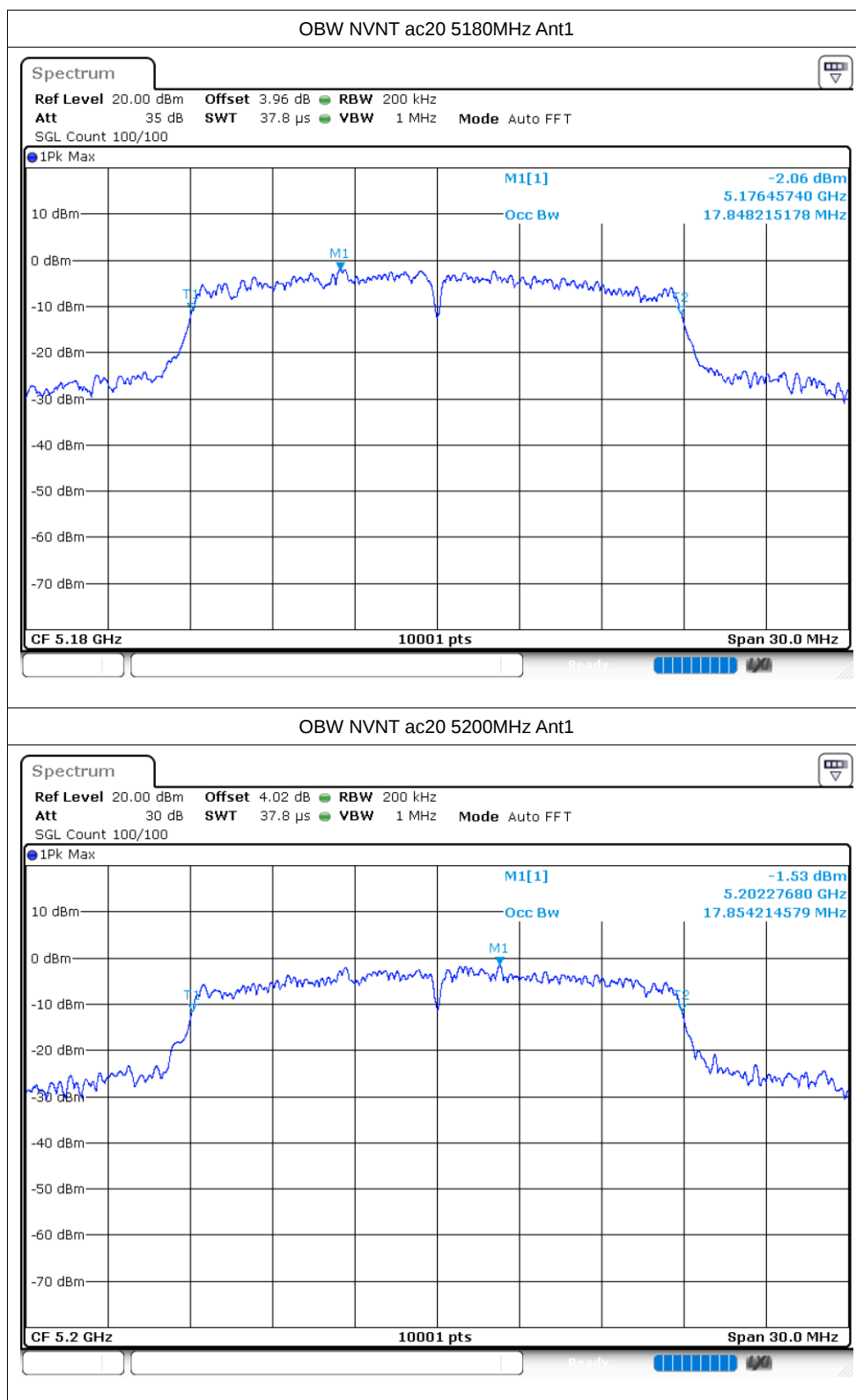
OBW NVNT a 5200MHz Ant1

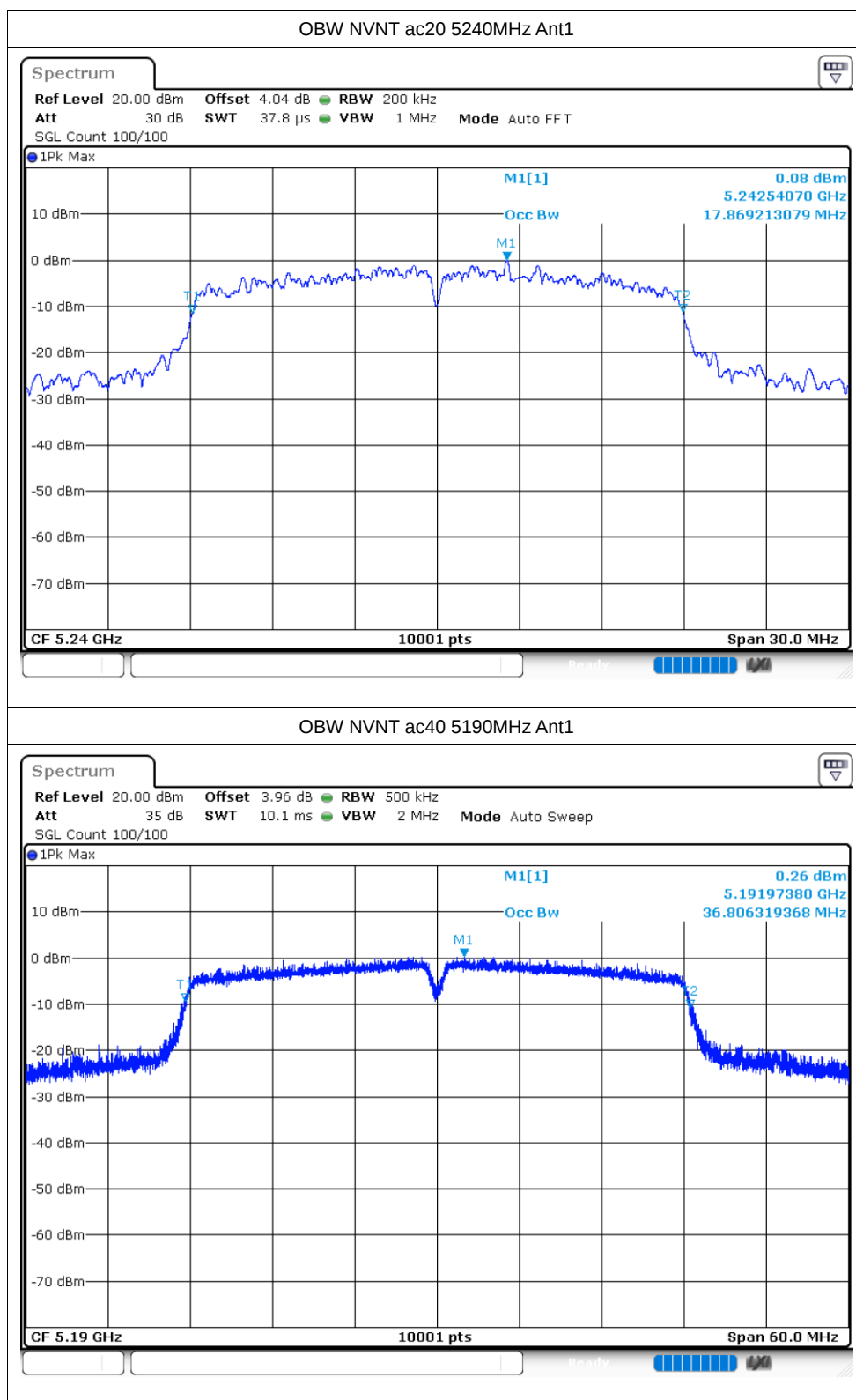


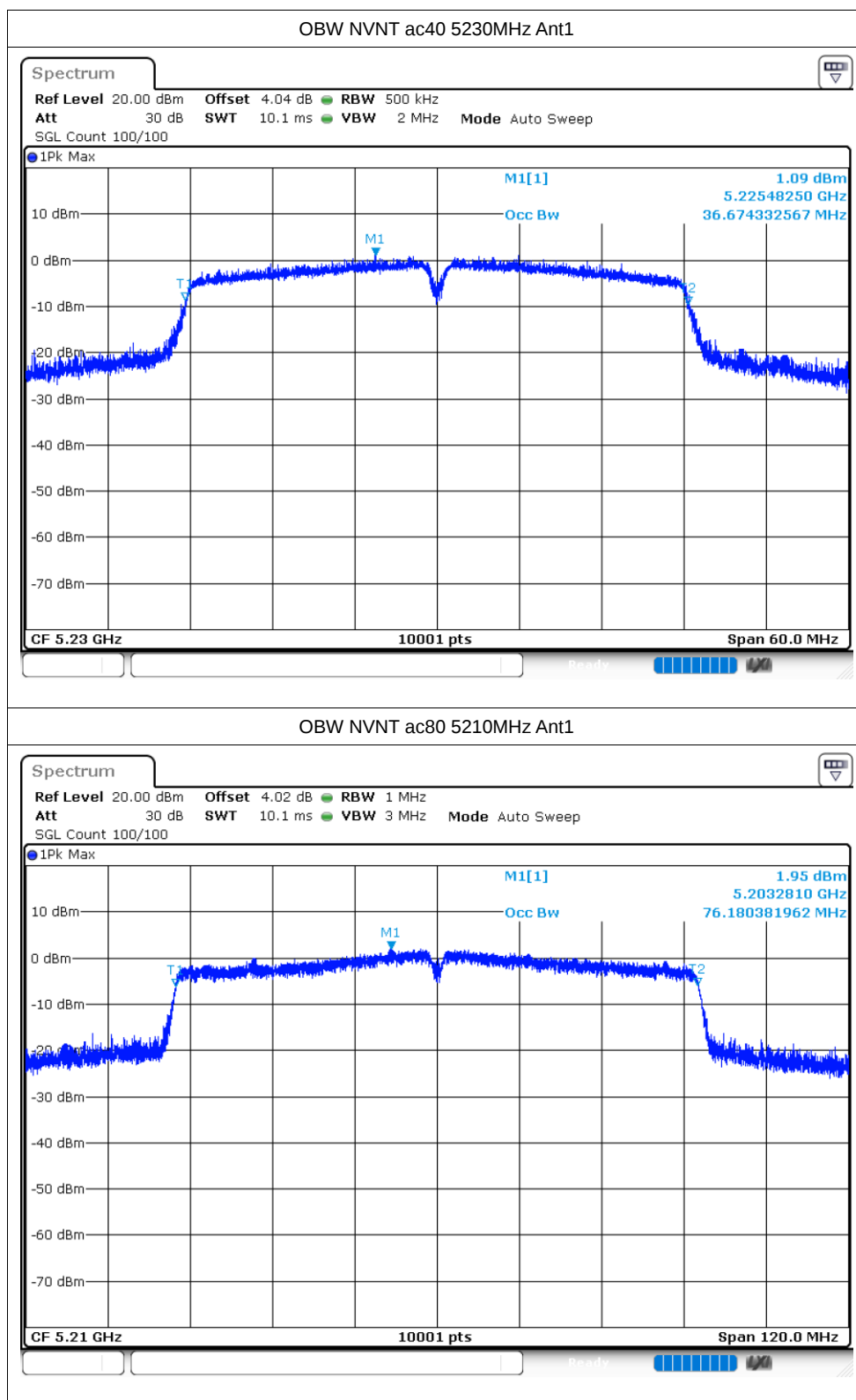










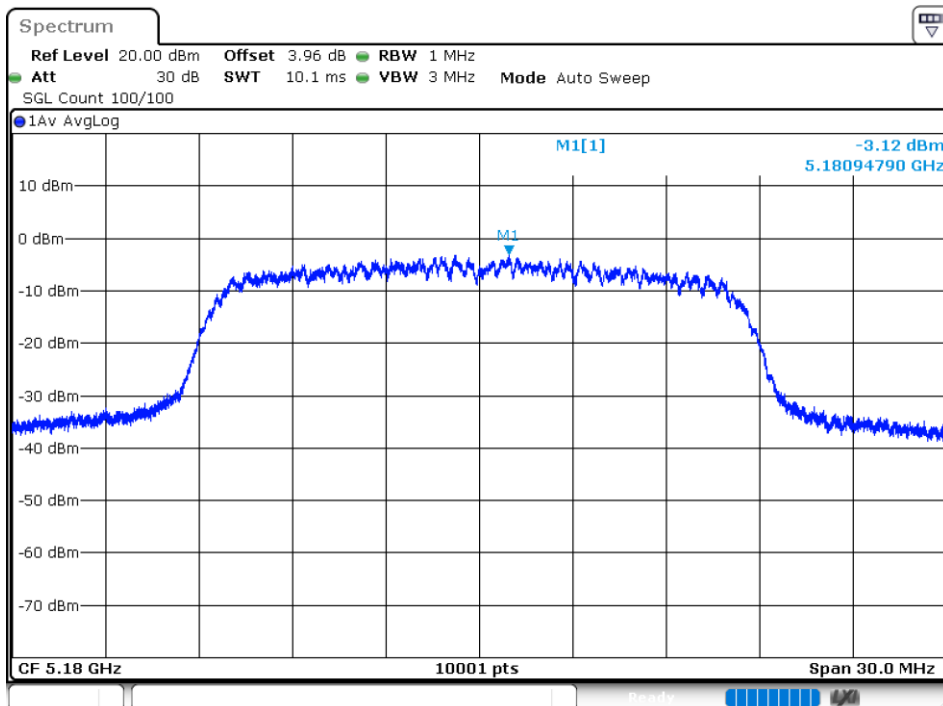


Maximum Power Spectral Density Level

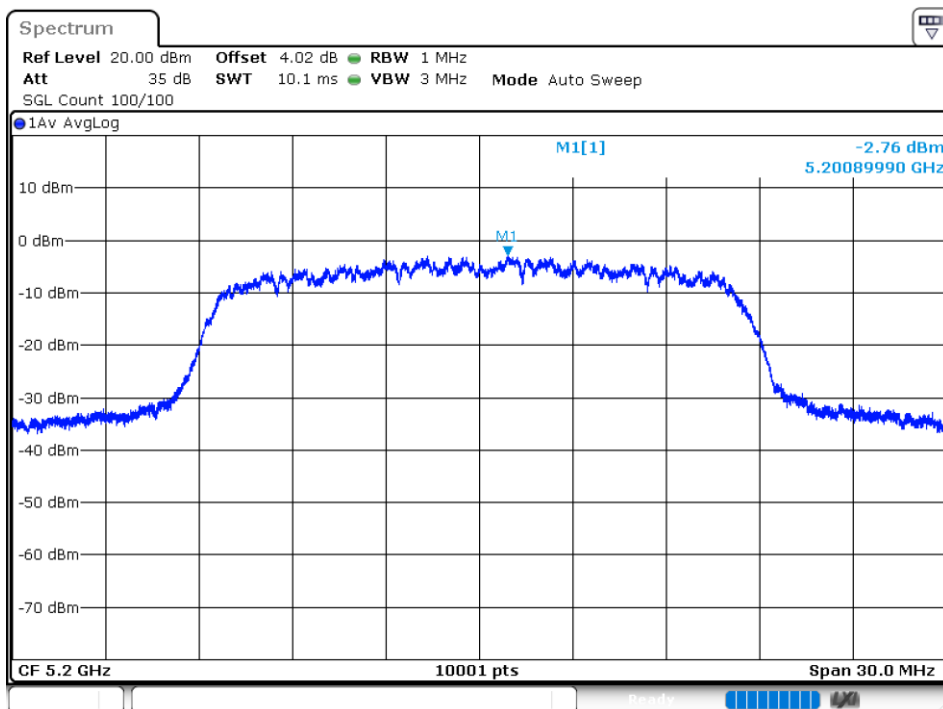
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-3.12	0.11	-3.01	11	Pass
NVNT	a	5200	Ant1	-2.76	0.11	-2.65	11	Pass
NVNT	a	5240	Ant1	-1.43	0.11	-1.32	11	Pass
NVNT	n20	5180	Ant1	-2.61	0.11	-2.5	11	Pass
NVNT	n20	5200	Ant1	-2.22	0.11	-2.11	11	Pass
NVNT	n20	5240	Ant1	-1.94	0.11	-1.83	11	Pass
NVNT	n40	5190	Ant1	-7.22	0.22	-7	11	Pass
NVNT	n40	5230	Ant1	-5.68	0.22	-5.46	11	Pass
NVNT	ac20	5180	Ant1	-2.74	0.11	-2.63	11	Pass
NVNT	ac20	5200	Ant1	-2.53	0.11	-2.42	11	Pass
NVNT	ac20	5240	Ant1	-1.87	0.11	-1.76	11	Pass
NVNT	ac40	5190	Ant1	-6.67	0.22	-6.45	11	Pass
NVNT	ac40	5230	Ant1	-6	0.22	-5.78	11	Pass
NVNT	ac80	5210	Ant1	-11.1	0.43	-10.67	11	Pass

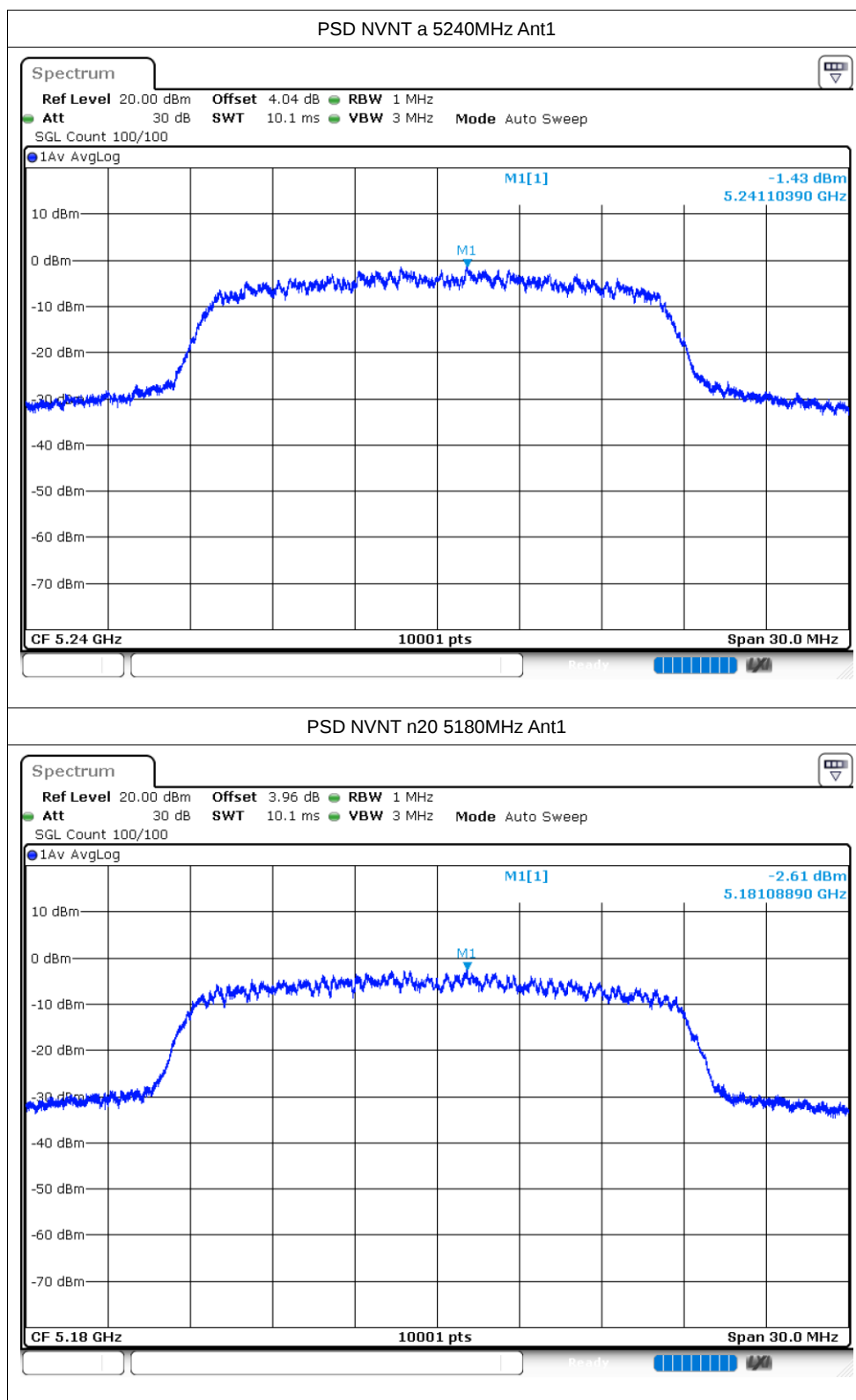
Test Graphs

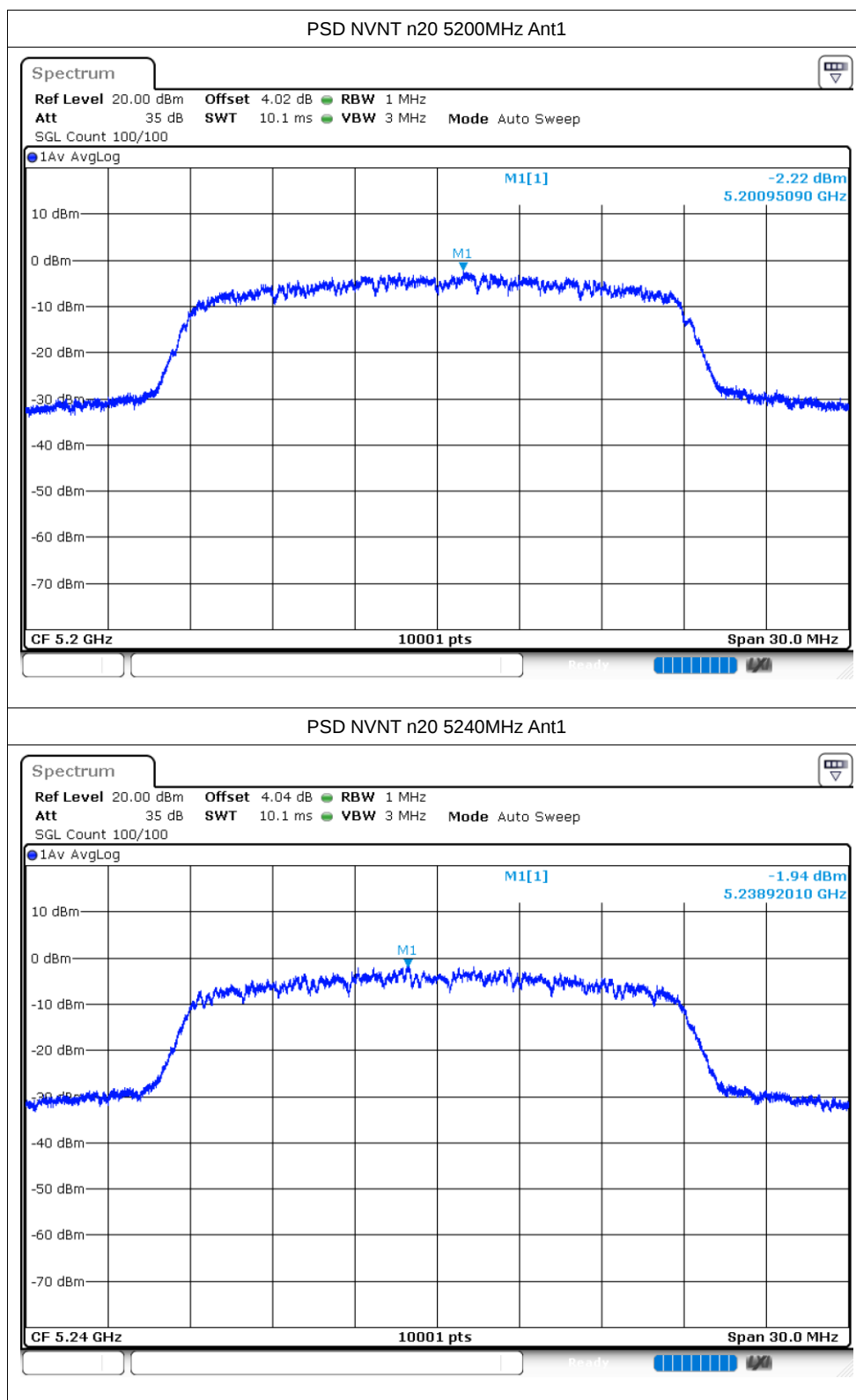
PSD NVNT a 5180MHz Ant1

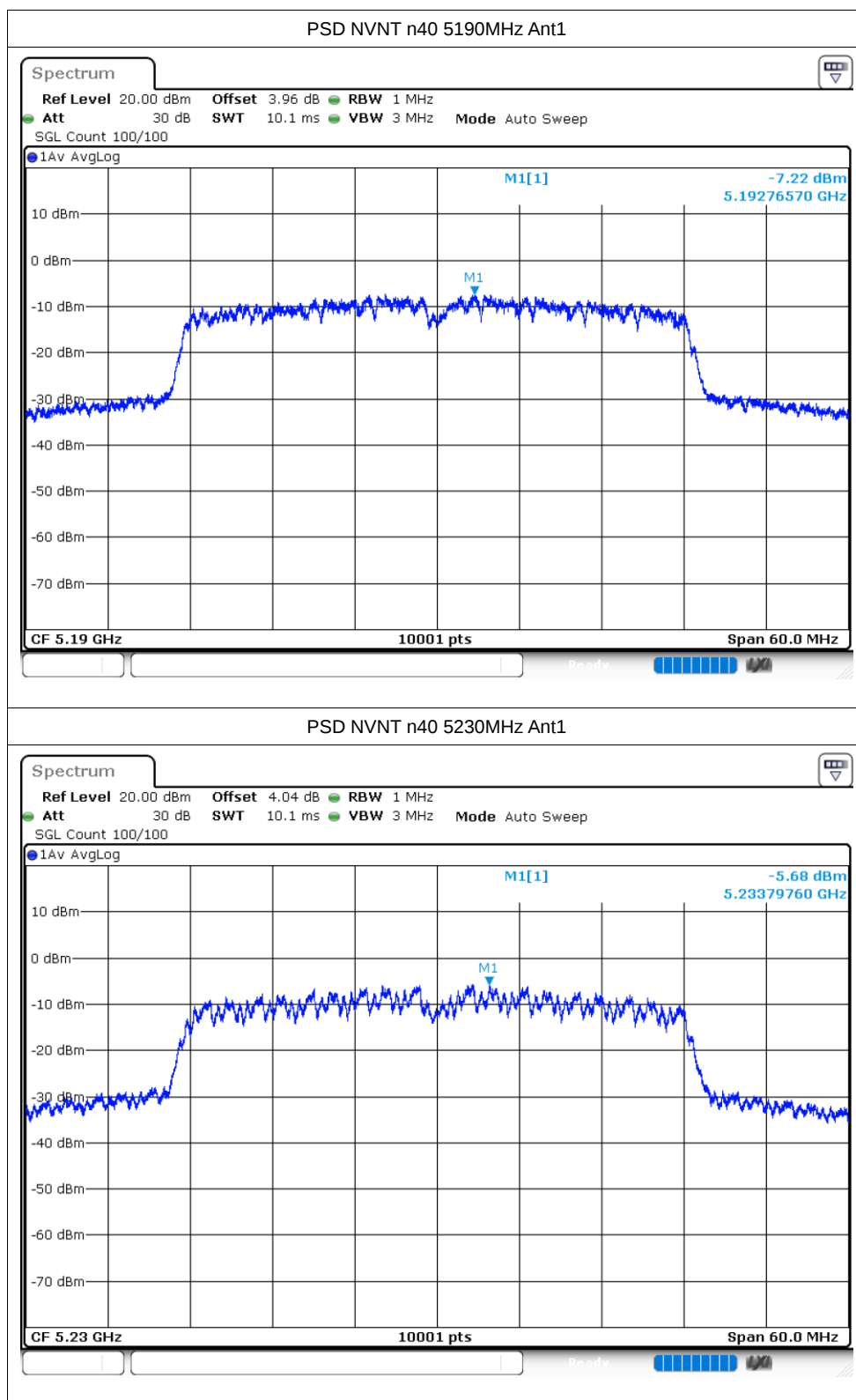


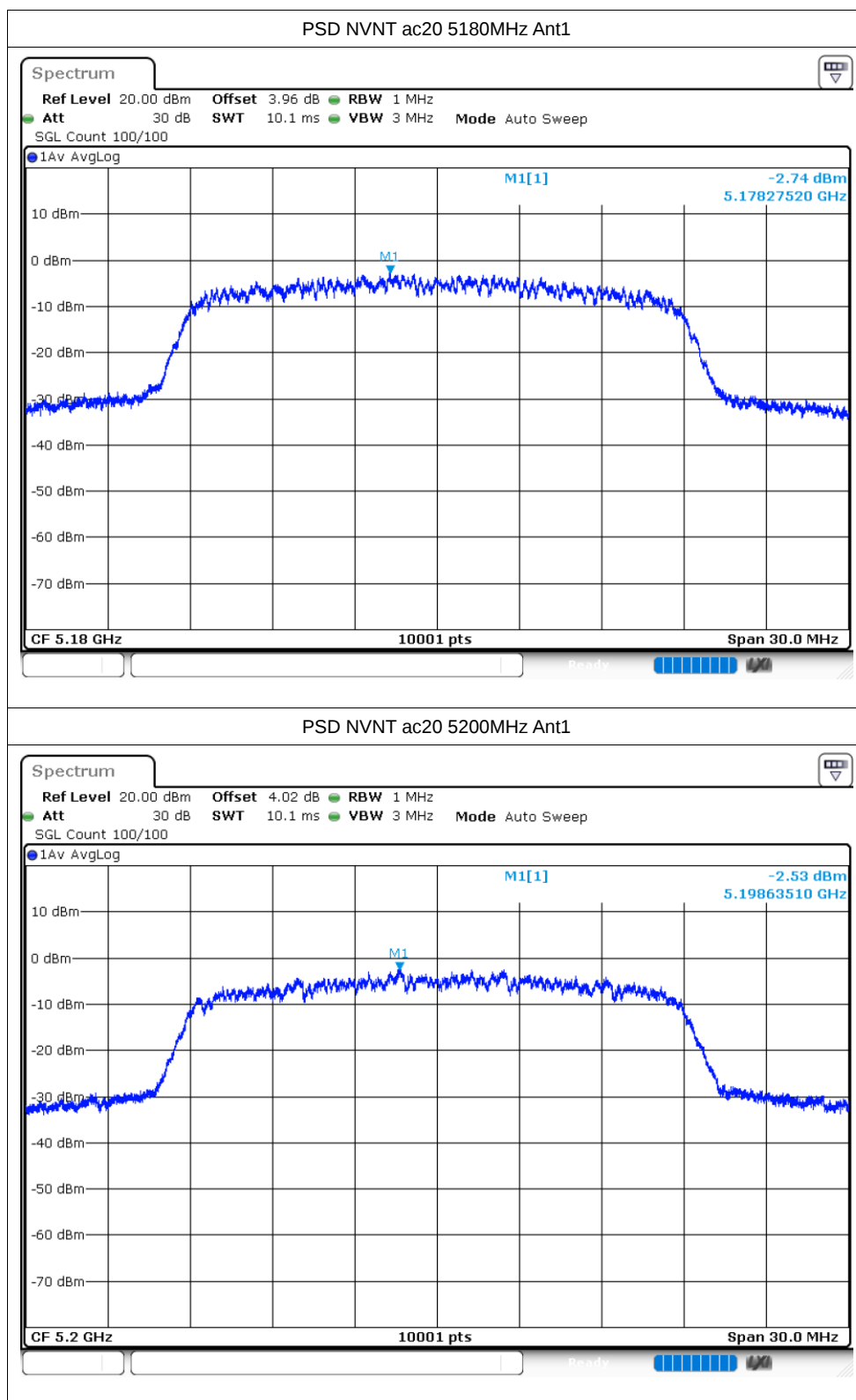
PSD NVNT a 5200MHz Ant1

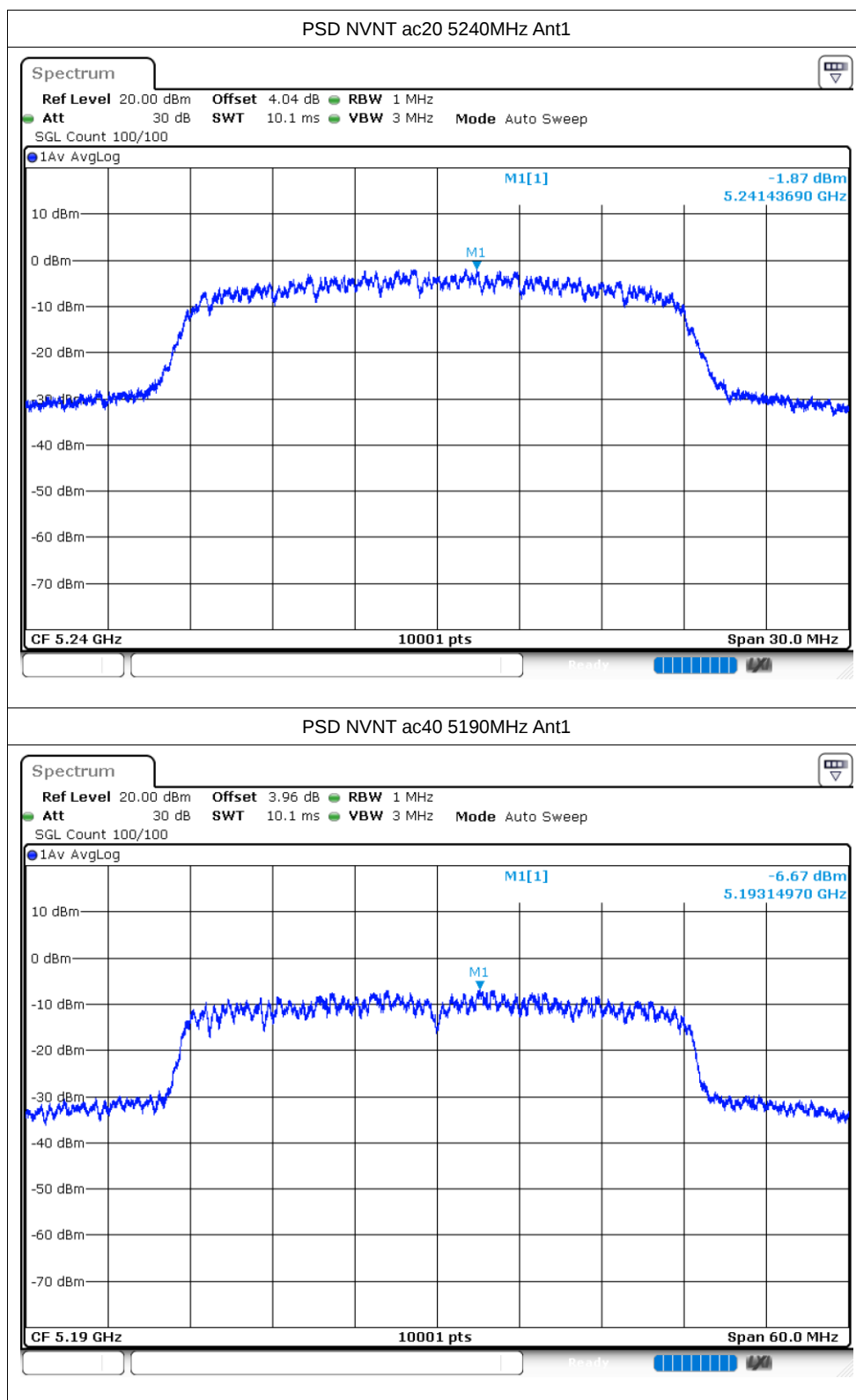


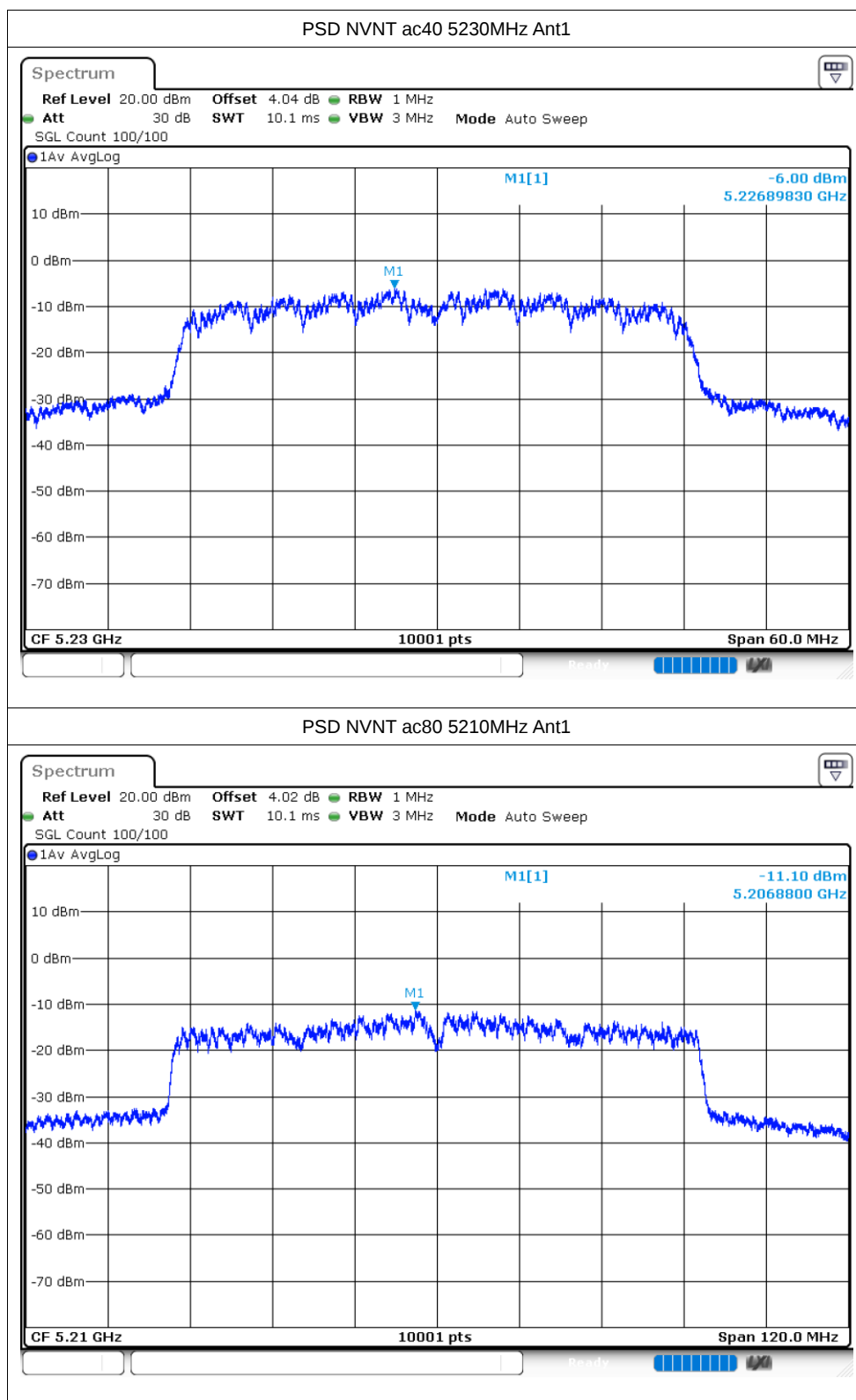










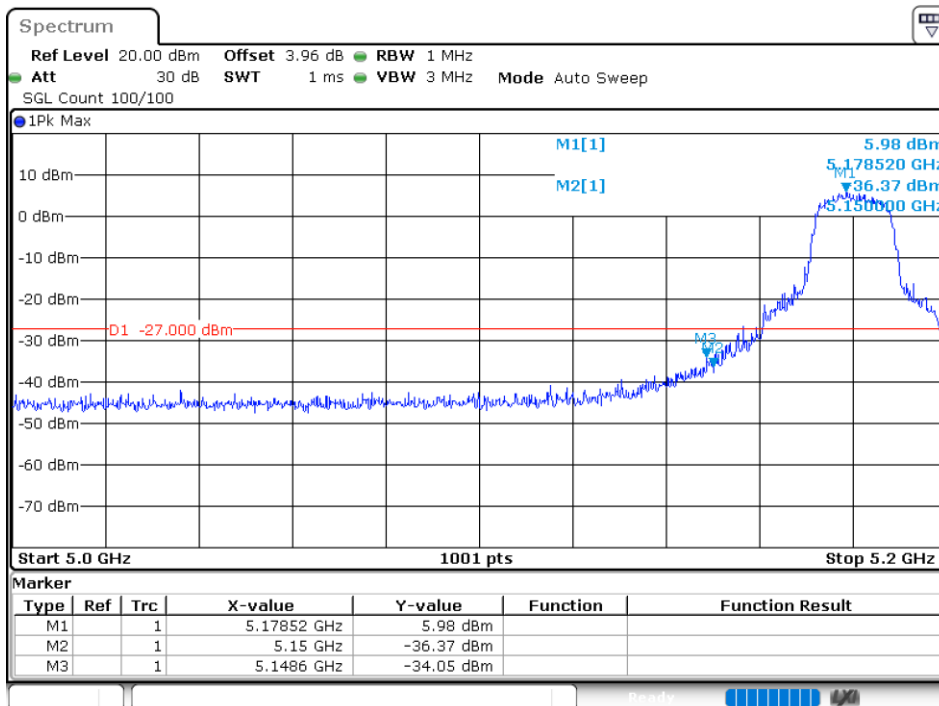


Band Edge

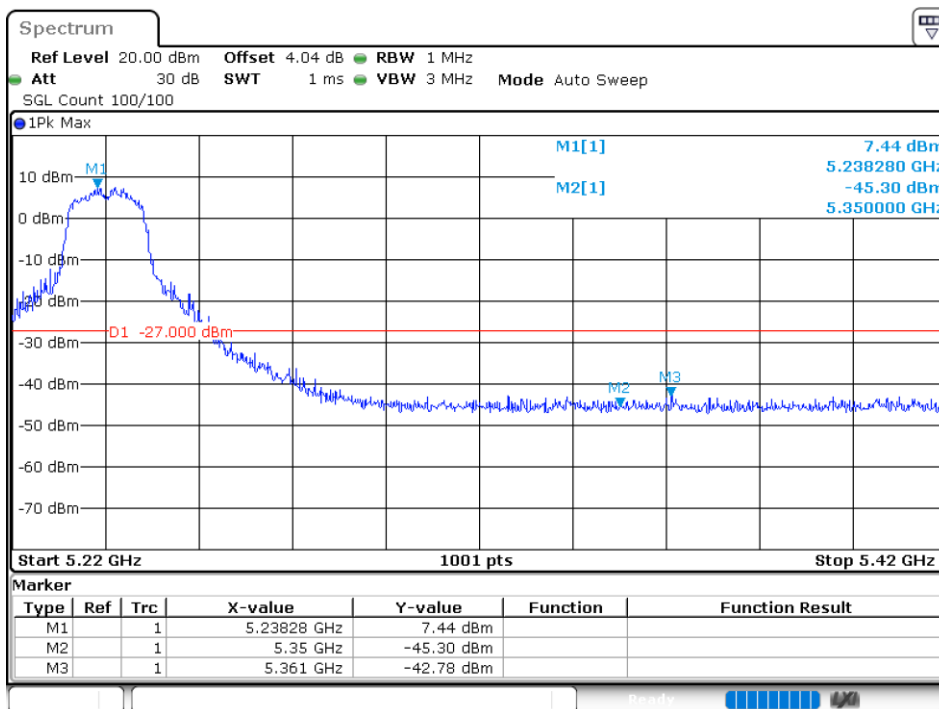
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-34.05	-27	Pass
NVNT	a	5240	Ant1	-42.78	-27	Pass
NVNT	n20	5180	Ant1	-31.31	-27	Pass
NVNT	n20	5240	Ant1	-41.82	-27	Pass
NVNT	n40	5190	Ant1	-30.65	-27	Pass
NVNT	n40	5230	Ant1	-42.49	-27	Pass
NVNT	ac20	5180	Ant1	-30.84	-27	Pass
NVNT	ac20	5240	Ant1	-41.35	-27	Pass
NVNT	ac40	5190	Ant1	-27.16	-27	Pass
NVNT	ac40	5230	Ant1	-42.05	-27	Pass
NVNT	ac80	5210	Ant1	-43.12	-27	Pass
NVNT	ac80	5210	Ant1	-28.98	-27	Pass

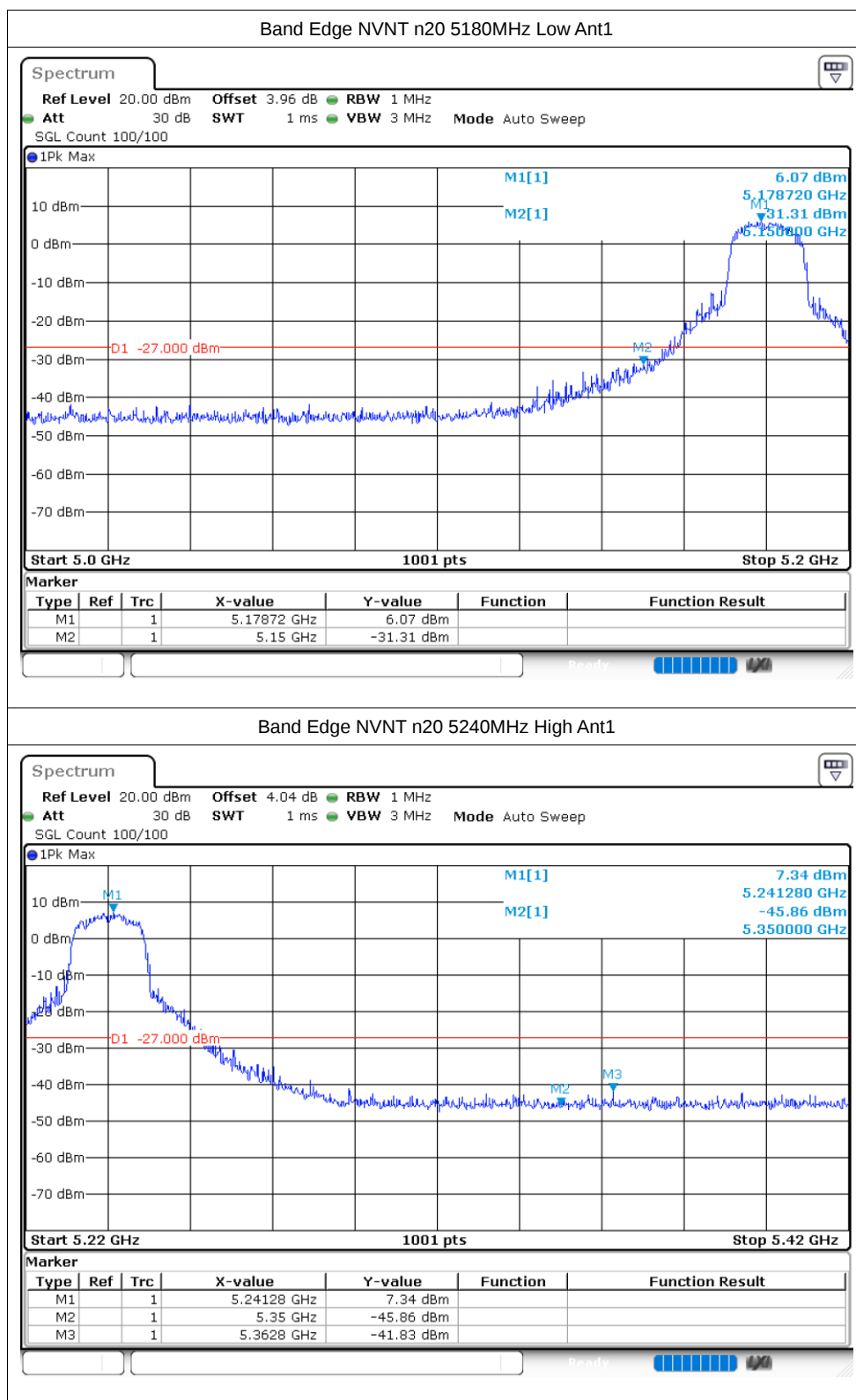
Test Graphs

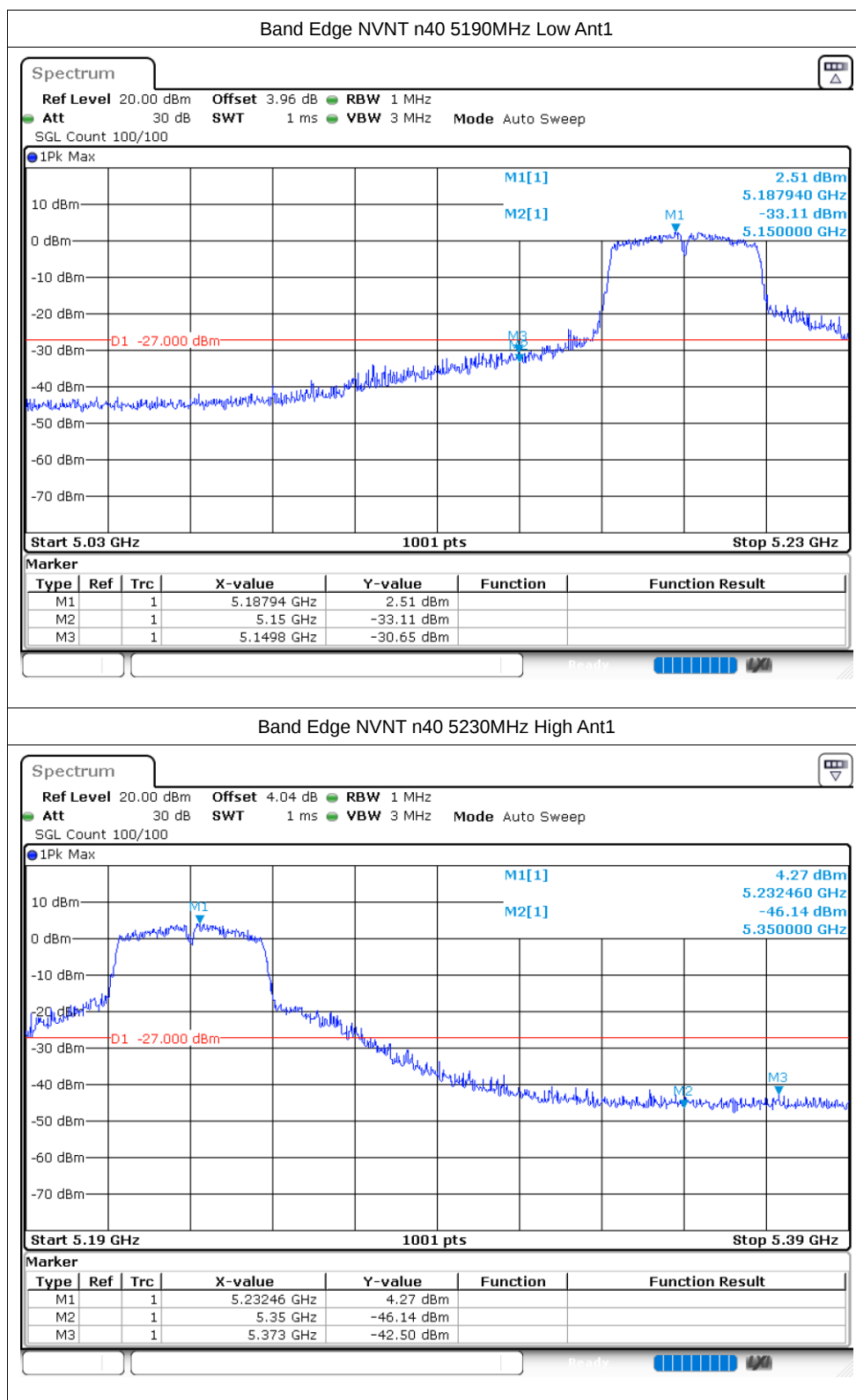
Band Edge NVNT a 5180MHz Low Ant1

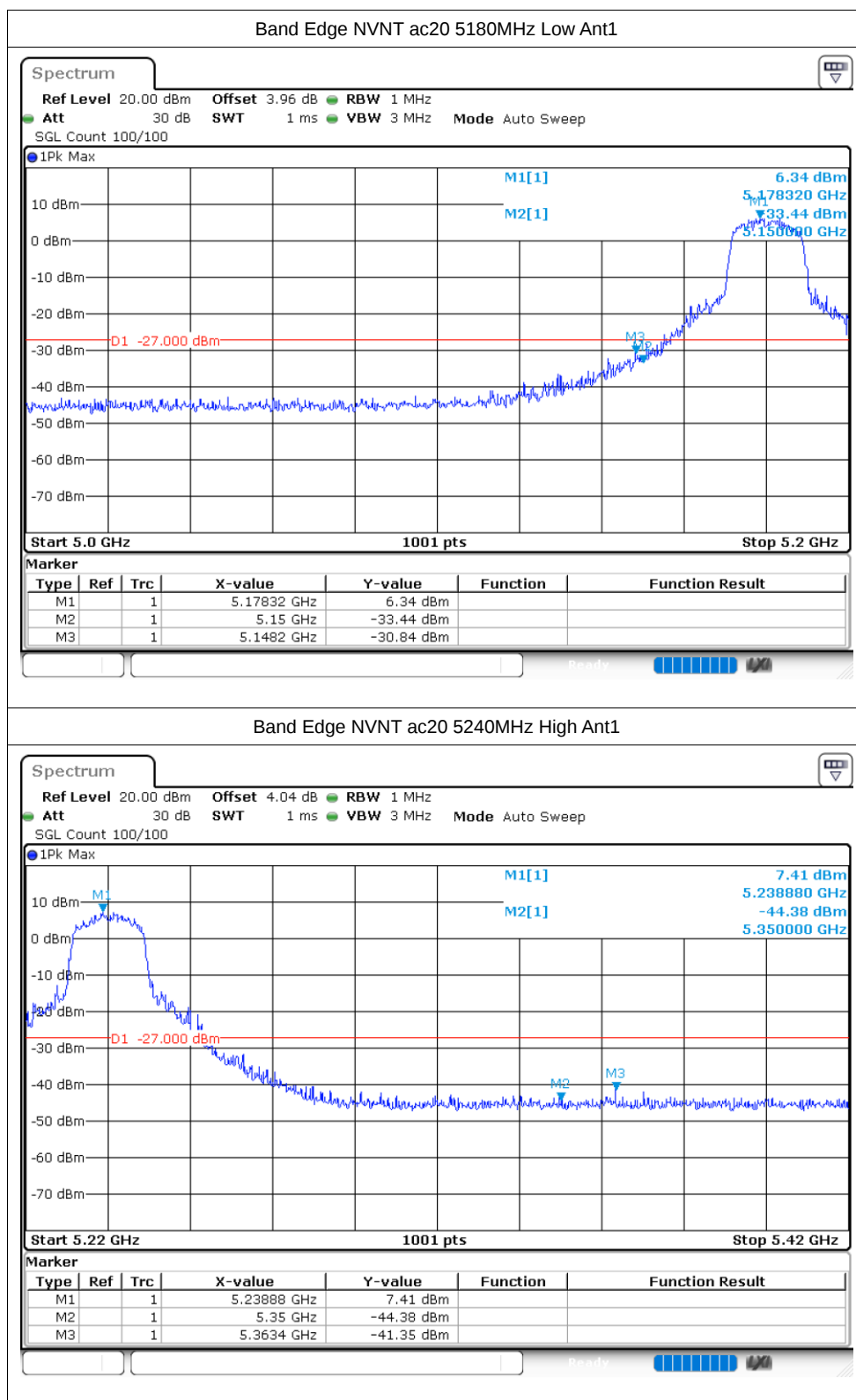


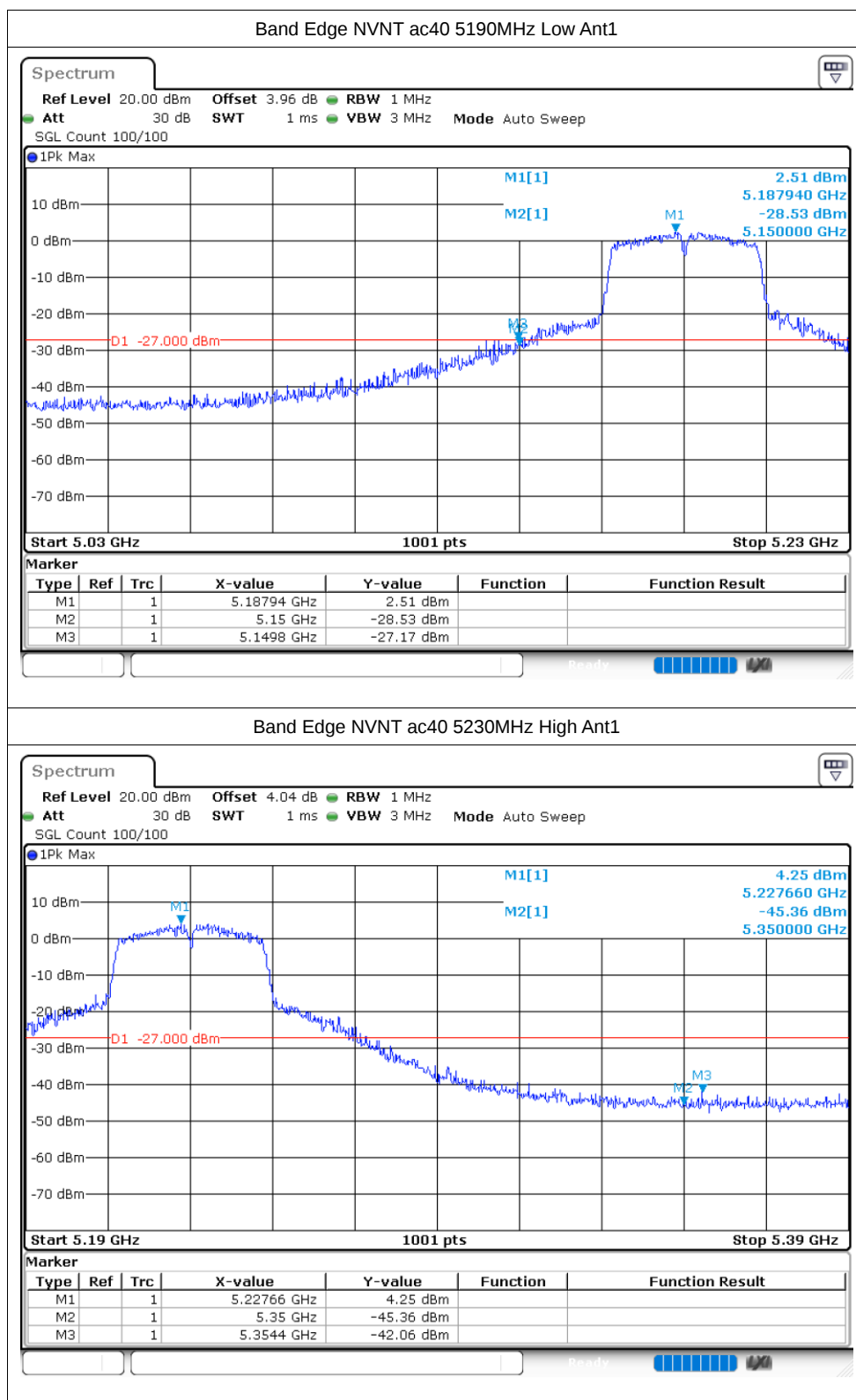
Band Edge NVNT a 5240MHz High Ant1

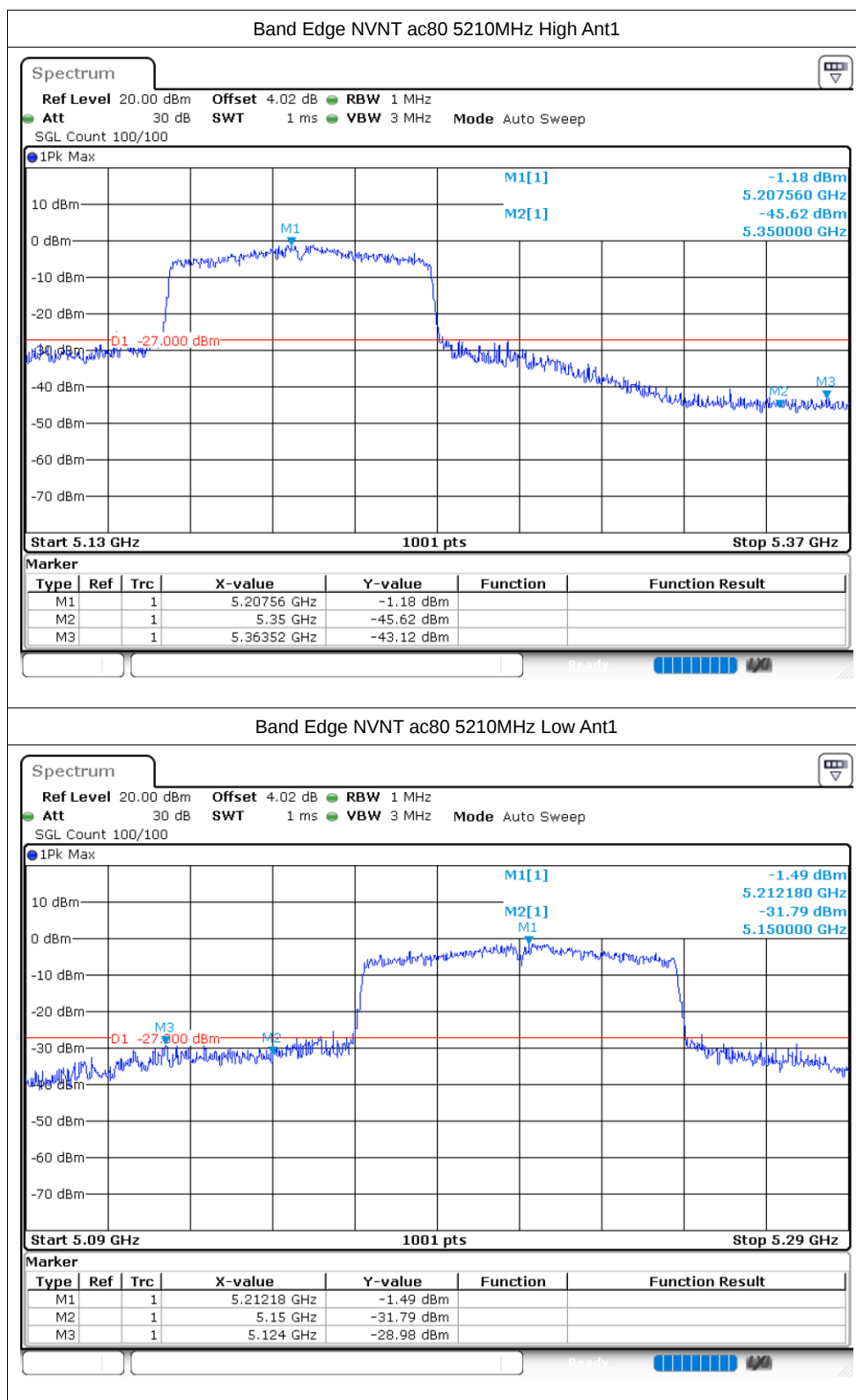












Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-34.16	-27	Pass
NVNT	a	5200	Ant1	-34.27	-27	Pass
NVNT	a	5240	Ant1	-34.29	-27	Pass
NVNT	n20	5180	Ant1	-34.66	-27	Pass
NVNT	n20	5200	Ant1	-33.91	-27	Pass
NVNT	n20	5240	Ant1	-32.64	-27	Pass
NVNT	n40	5190	Ant1	-33.54	-27	Pass
NVNT	n40	5230	Ant1	-33.8	-27	Pass
NVNT	ac20	5180	Ant1	-34.89	-27	Pass
NVNT	ac20	5200	Ant1	-34.41	-27	Pass
NVNT	ac20	5240	Ant1	-34.61	-27	Pass
NVNT	ac40	5190	Ant1	-34.42	-27	Pass
NVNT	ac40	5230	Ant1	-34.27	-27	Pass
NVNT	ac80	5210	Ant1	-33.95	-27	Pass

