

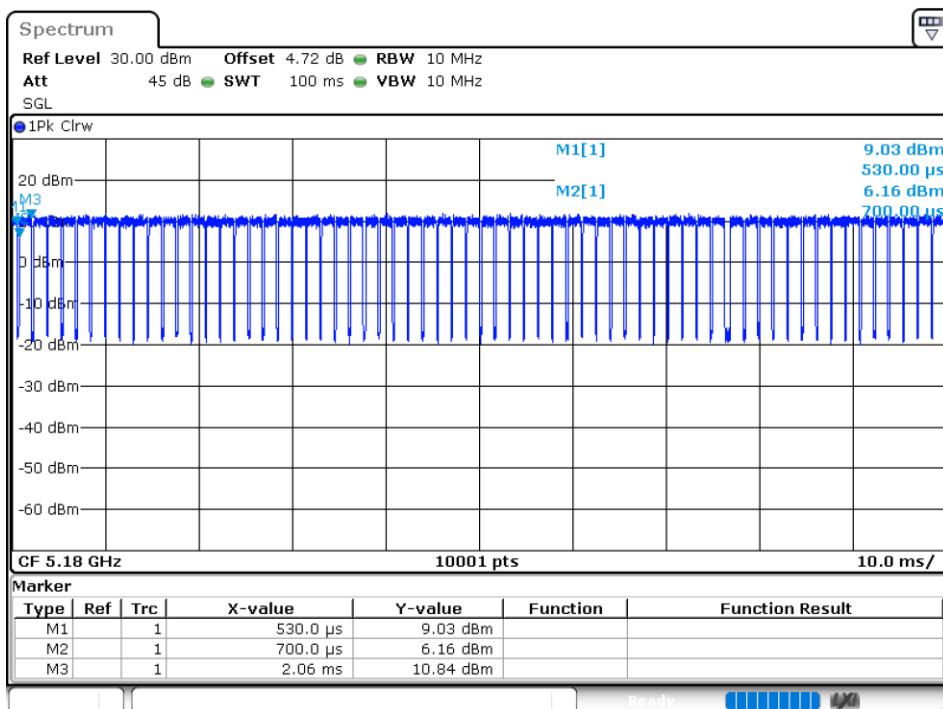
WIFI 5.2G:

Duty Cycle

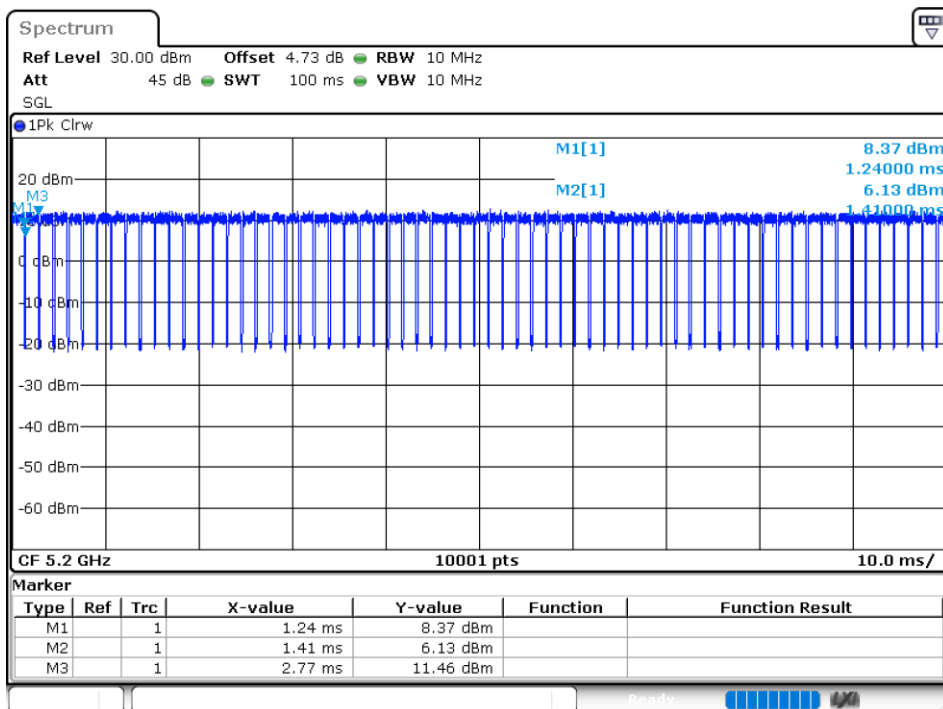
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	88.21	0.54	0.74
NVNT	a	5200	Ant1	88.5	0.53	0.74
NVNT	a	5240	Ant1	88.63	0.52	0.74
NVNT	n20	5180	Ant1	86.88	0.61	0.87
NVNT	n20	5200	Ant1	87.29	0.59	0.87
NVNT	n20	5240	Ant1	87.31	0.59	0.87
NVNT	n40	5190	Ant1	77.88	1.09	1.75
NVNT	n40	5230	Ant1	77.38	1.11	1.75
NVNT	ac20	5180	Ant1	86.42	0.63	0.86
NVNT	ac20	5200	Ant1	87.24	0.59	0.87
NVNT	ac20	5240	Ant1	87.01	0.6	0.86
NVNT	ac40	5190	Ant1	76.68	1.15	1.72
NVNT	ac40	5230	Ant1	77.12	1.13	1.72
NVNT	ac80	5210	Ant1	63.41	1.98	3.45

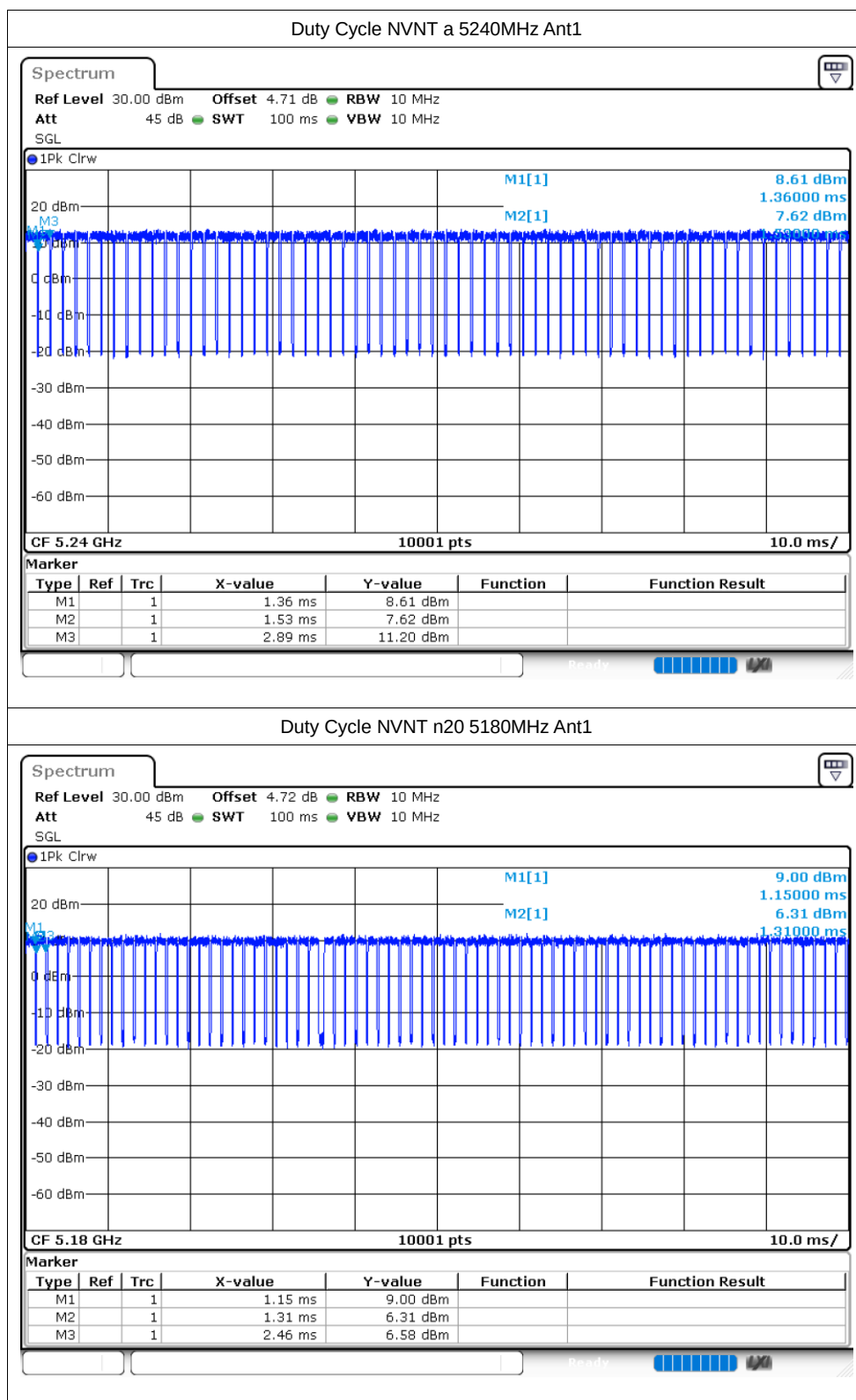
Test Graphs

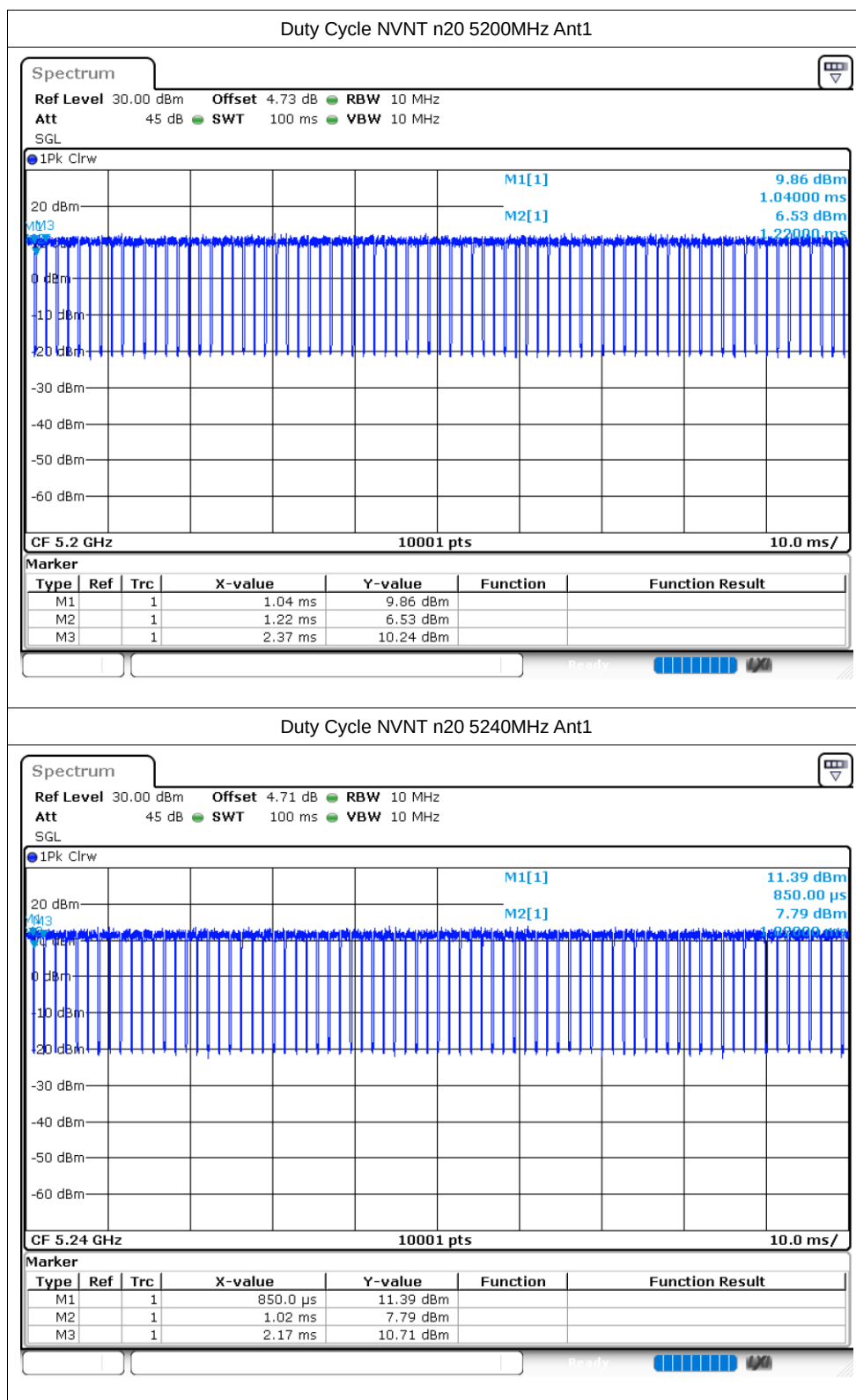
Duty Cycle NVNT a 5180MHz Ant1

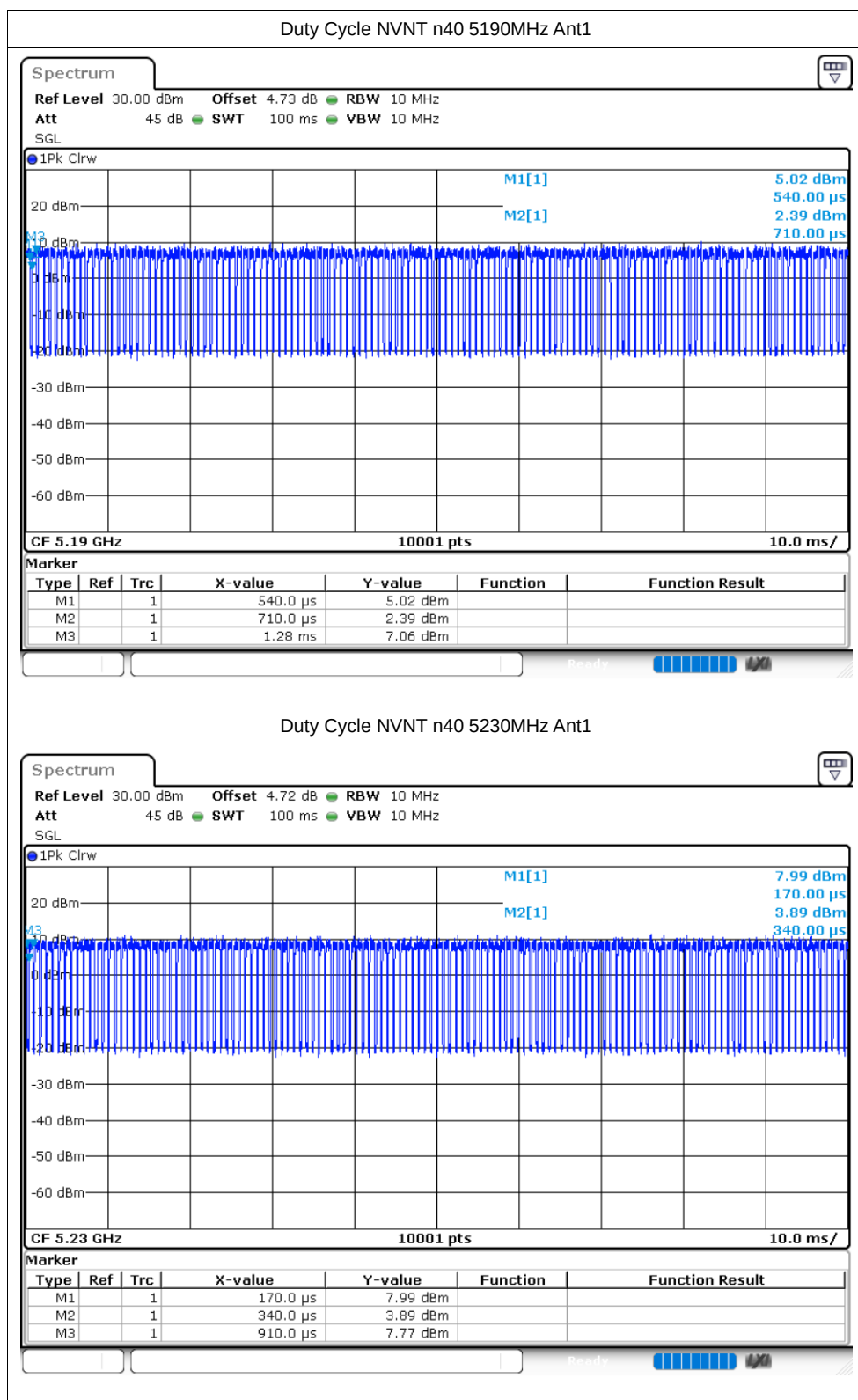


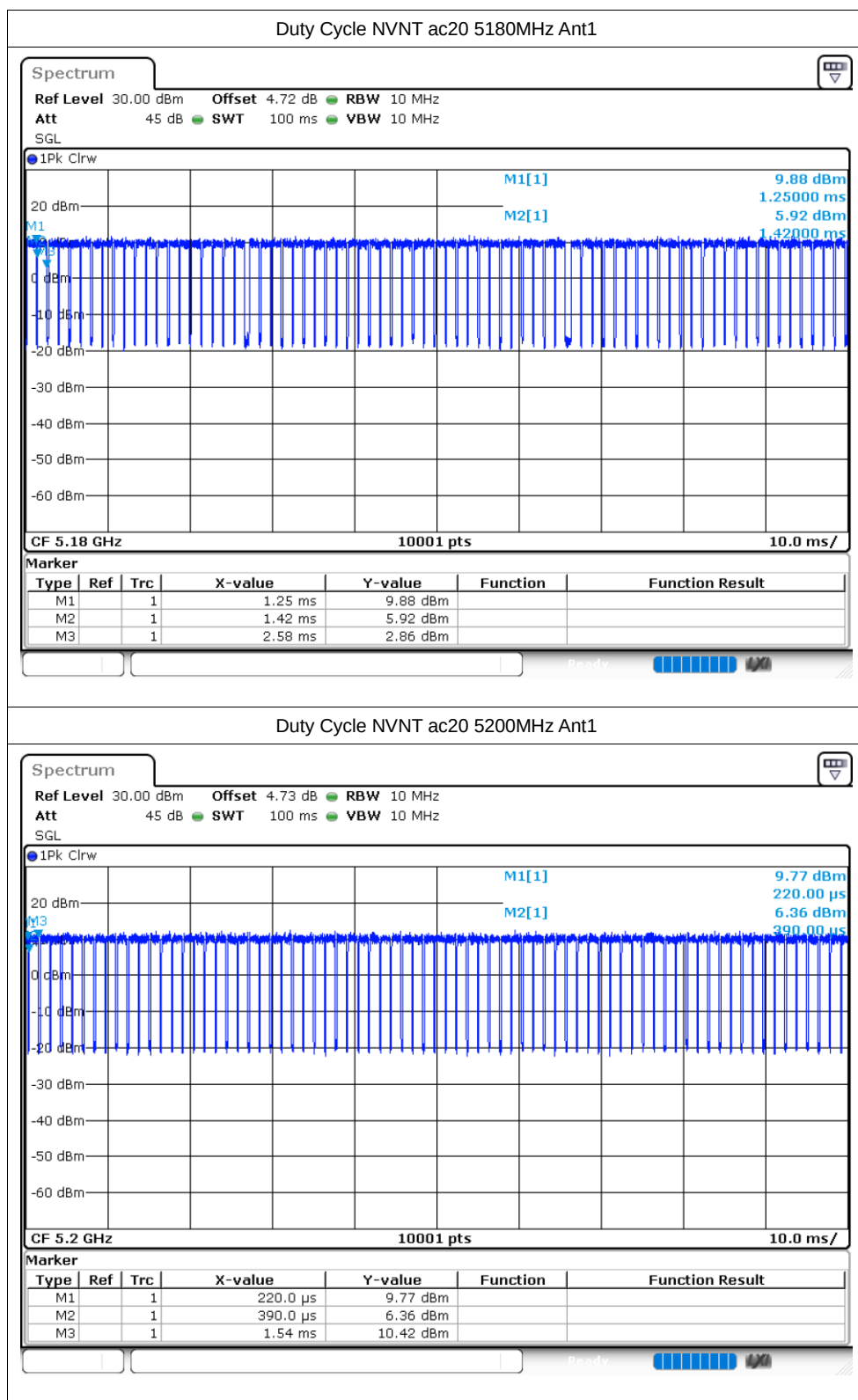
Duty Cycle NVNT a 5200MHz Ant1

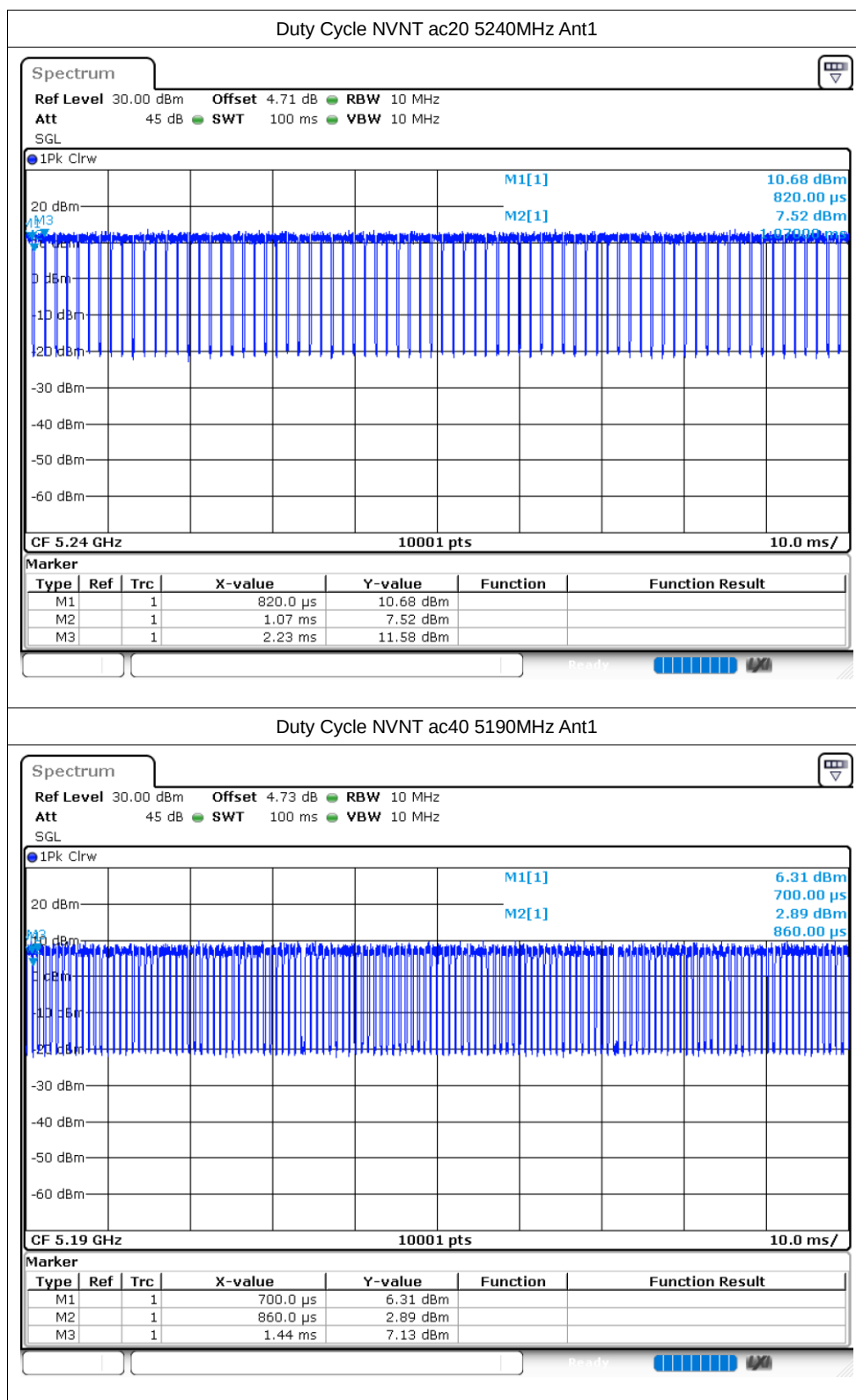


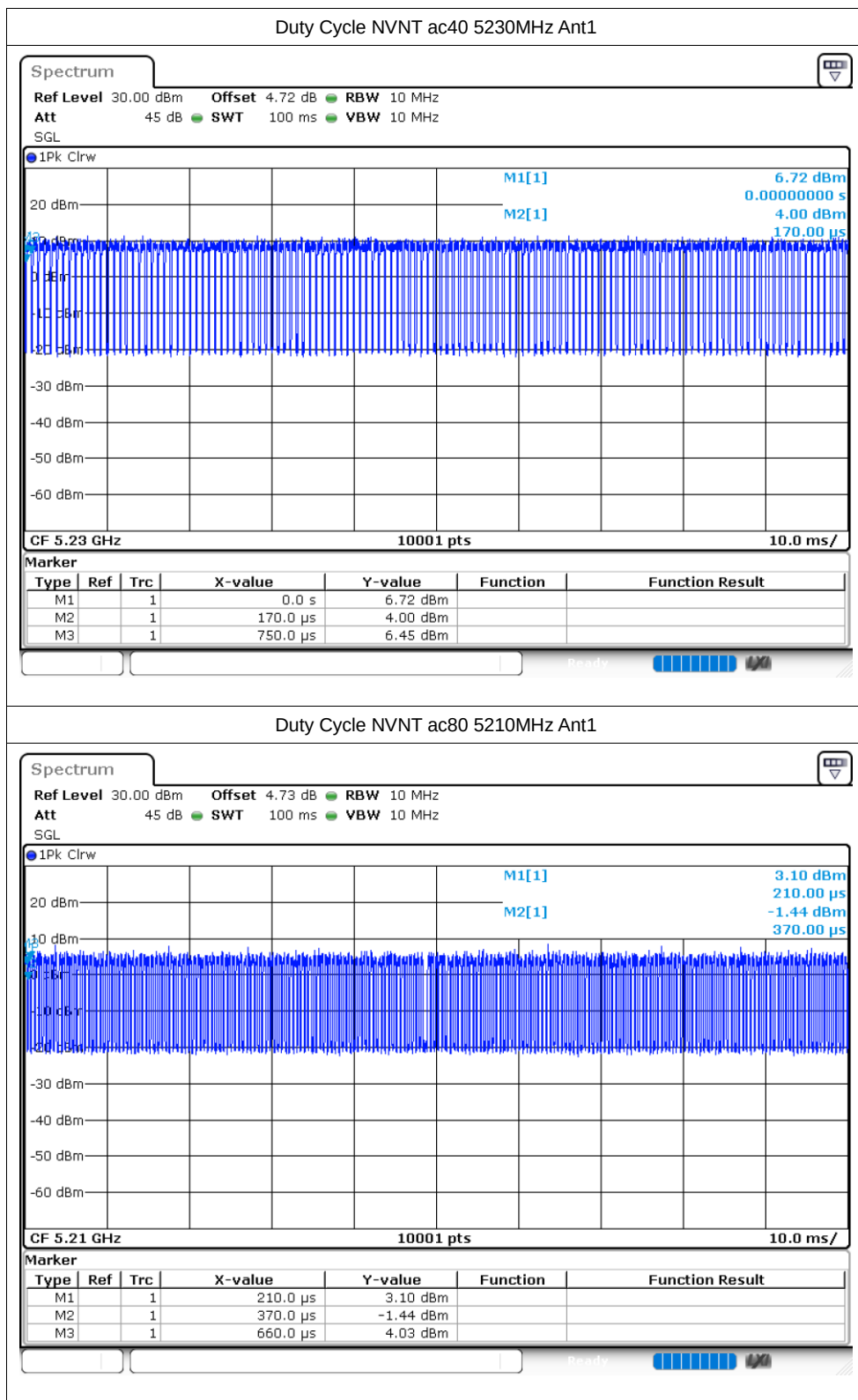












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	7.2	24	Pass
NVNT	a	5200	Ant1	6.89	24	Pass
NVNT	a	5240	Ant1	6.68	24	Pass
NVNT	n20	5180	Ant1	7.39	24	Pass
NVNT	n20	5200	Ant1	6.87	24	Pass
NVNT	n20	5240	Ant1	6.58	24	Pass
NVNT	n40	5190	Ant1	7.34	24	Pass
NVNT	n40	5230	Ant1	7.04	24	Pass
NVNT	ac20	5180	Ant1	7.1	24	Pass
NVNT	ac20	5200	Ant1	6.69	24	Pass
NVNT	ac20	5240	Ant1	6.26	24	Pass
NVNT	ac40	5190	Ant1	7.7	24	Pass
NVNT	ac40	5230	Ant1	7.14	24	Pass
NVNT	ac80	5210	Ant1	6.65	24	Pass

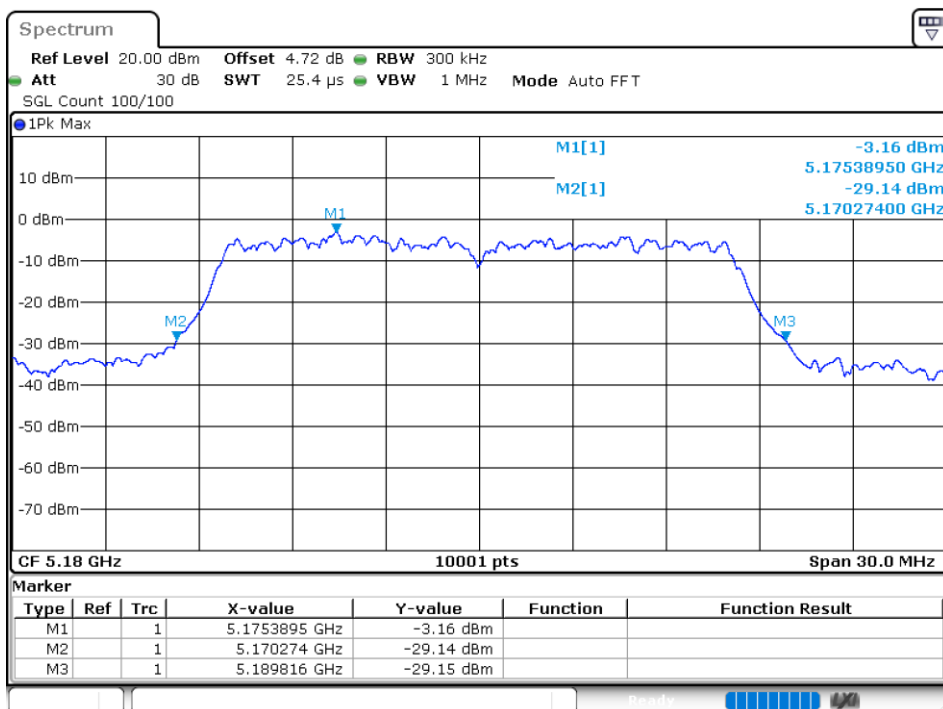
Note: The average power value already includes the duty cycle factor.

-26dB Bandwidth

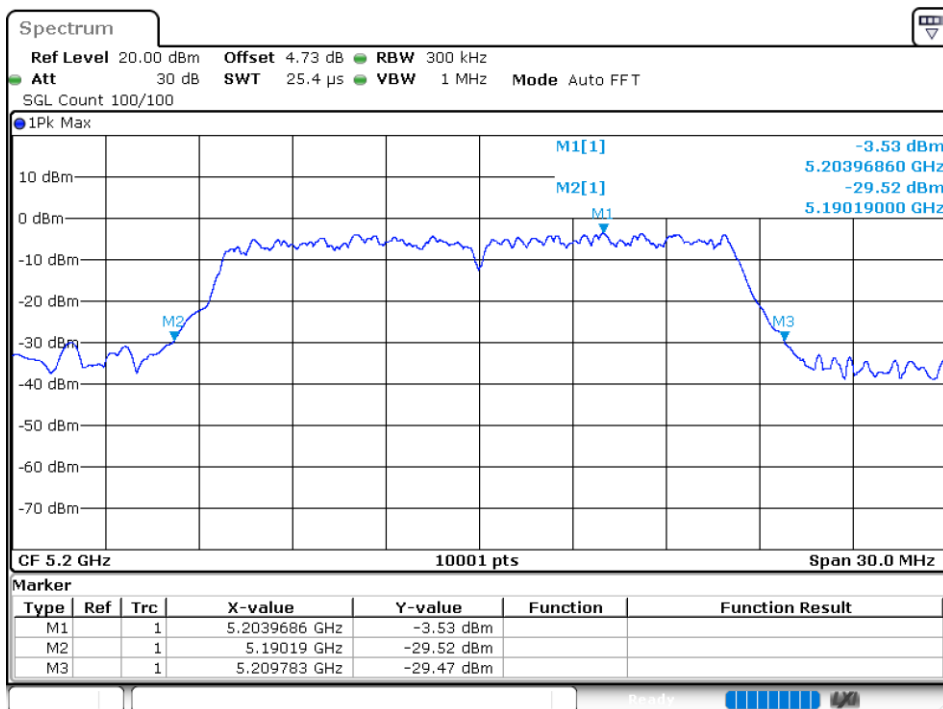
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.542	Pass
NVNT	a	5200	Ant1	19.593	Pass
NVNT	a	5240	Ant1	23.481	Pass
NVNT	n20	5180	Ant1	25.08	Pass
NVNT	n20	5200	Ant1	25.191	Pass
NVNT	n20	5240	Ant1	20.847	Pass
NVNT	n40	5190	Ant1	58.908	Pass
NVNT	n40	5230	Ant1	57.462	Pass
NVNT	ac20	5180	Ant1	20.223	Pass
NVNT	ac20	5200	Ant1	24.765	Pass
NVNT	ac20	5240	Ant1	22.86	Pass
NVNT	ac40	5190	Ant1	59.052	Pass
NVNT	ac40	5230	Ant1	56.082	Pass
NVNT	ac80	5210	Ant1	109.884	Pass

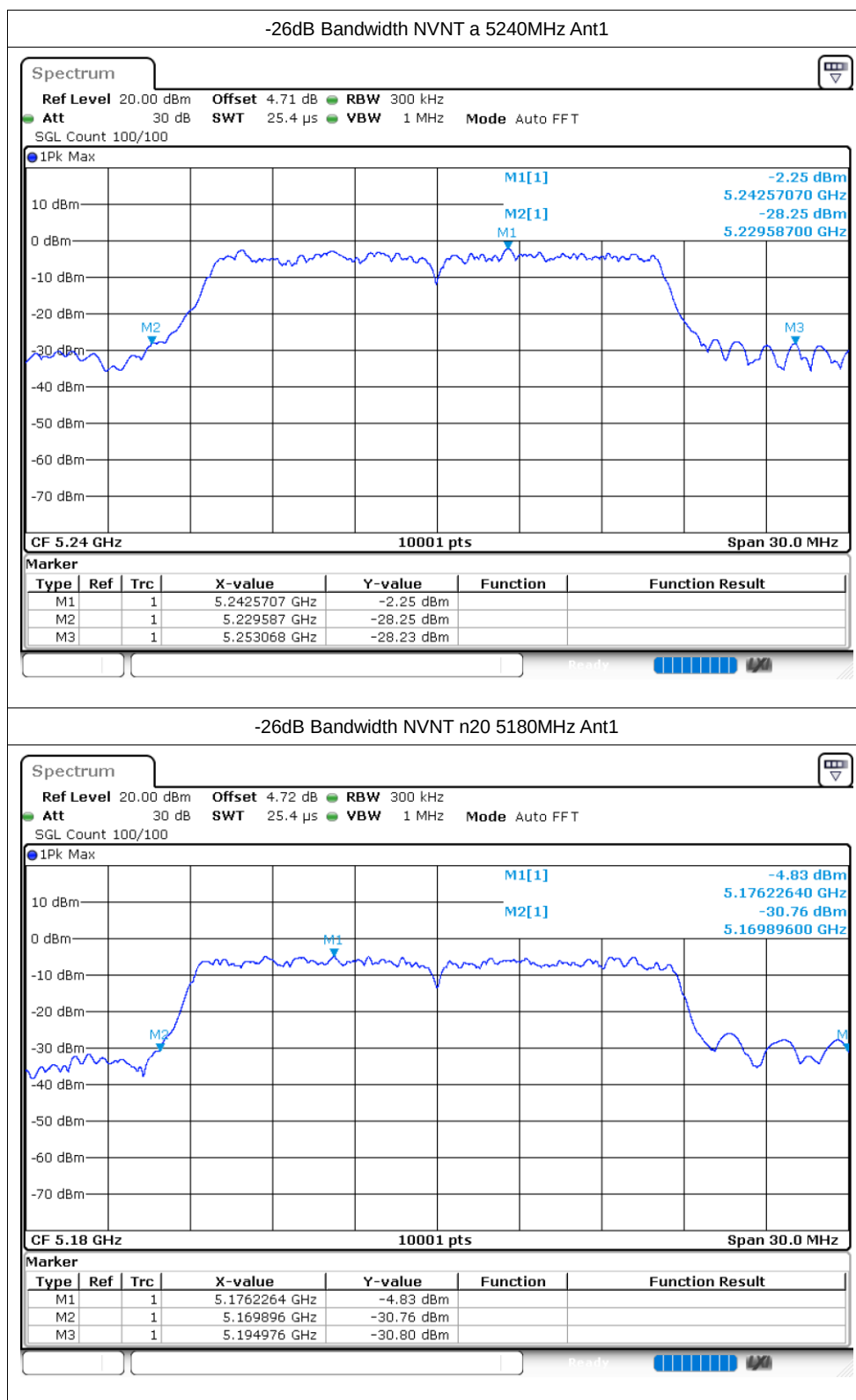
Test Graphs

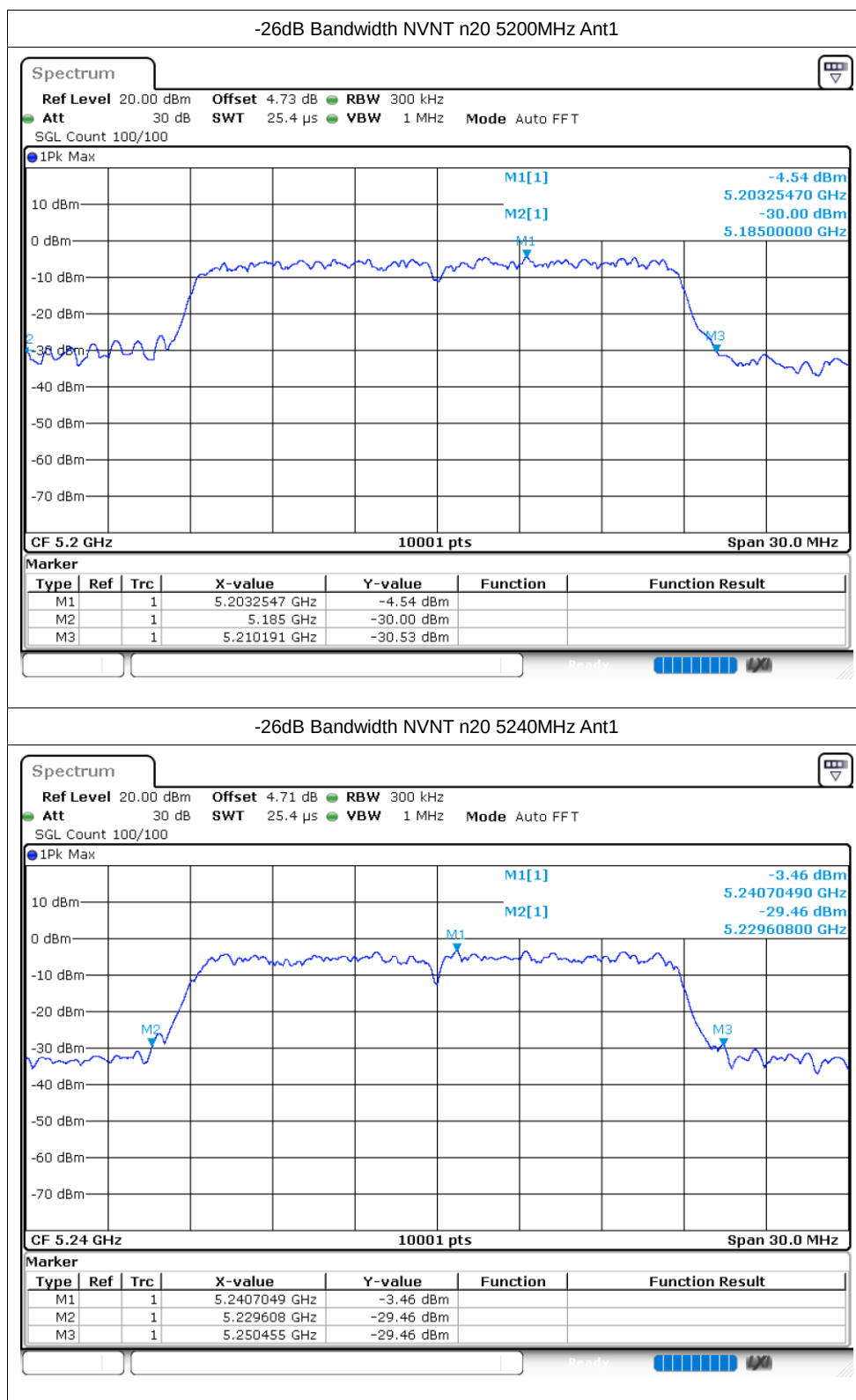
-26dB Bandwidth NVNT a 5180MHz Ant1

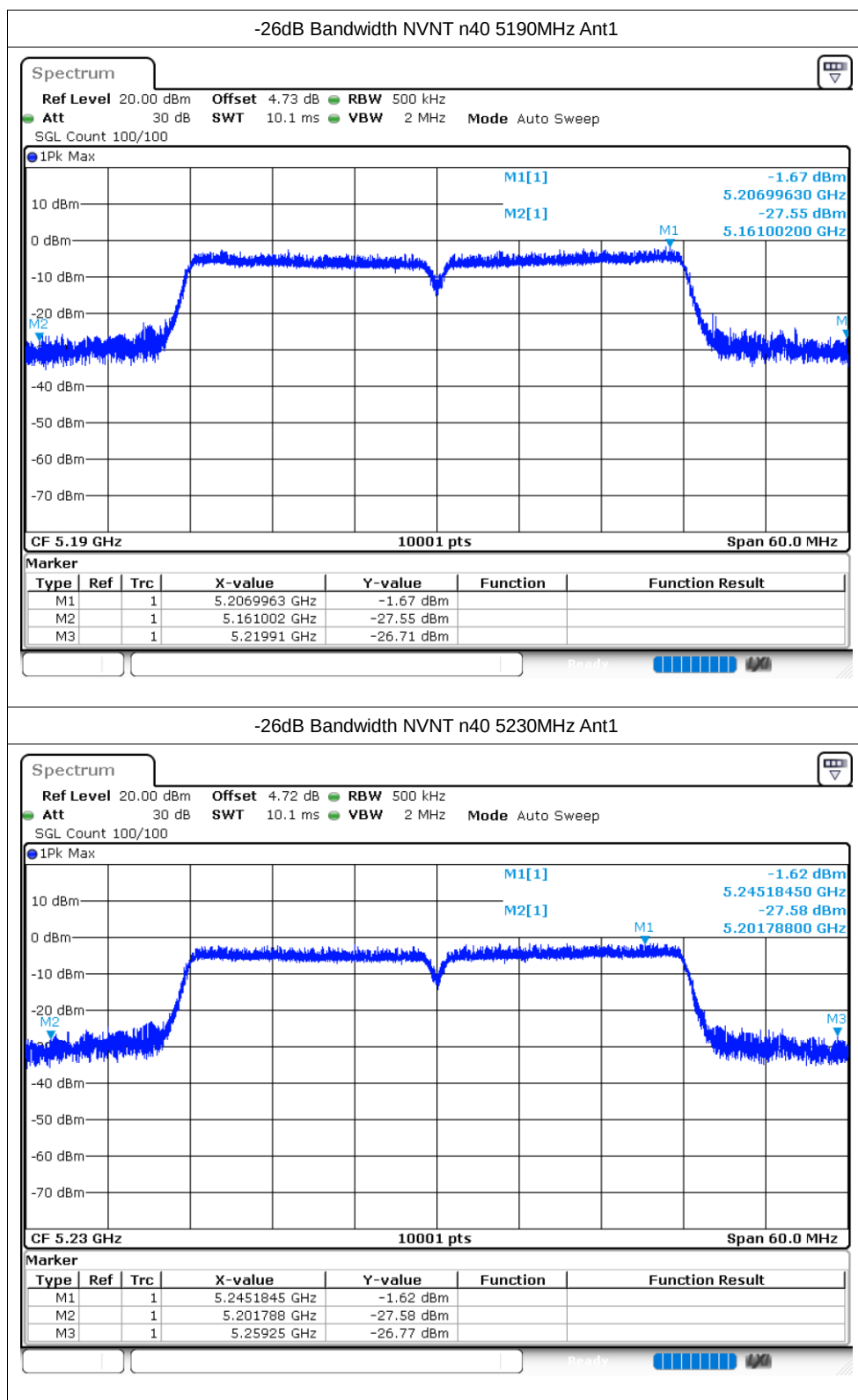


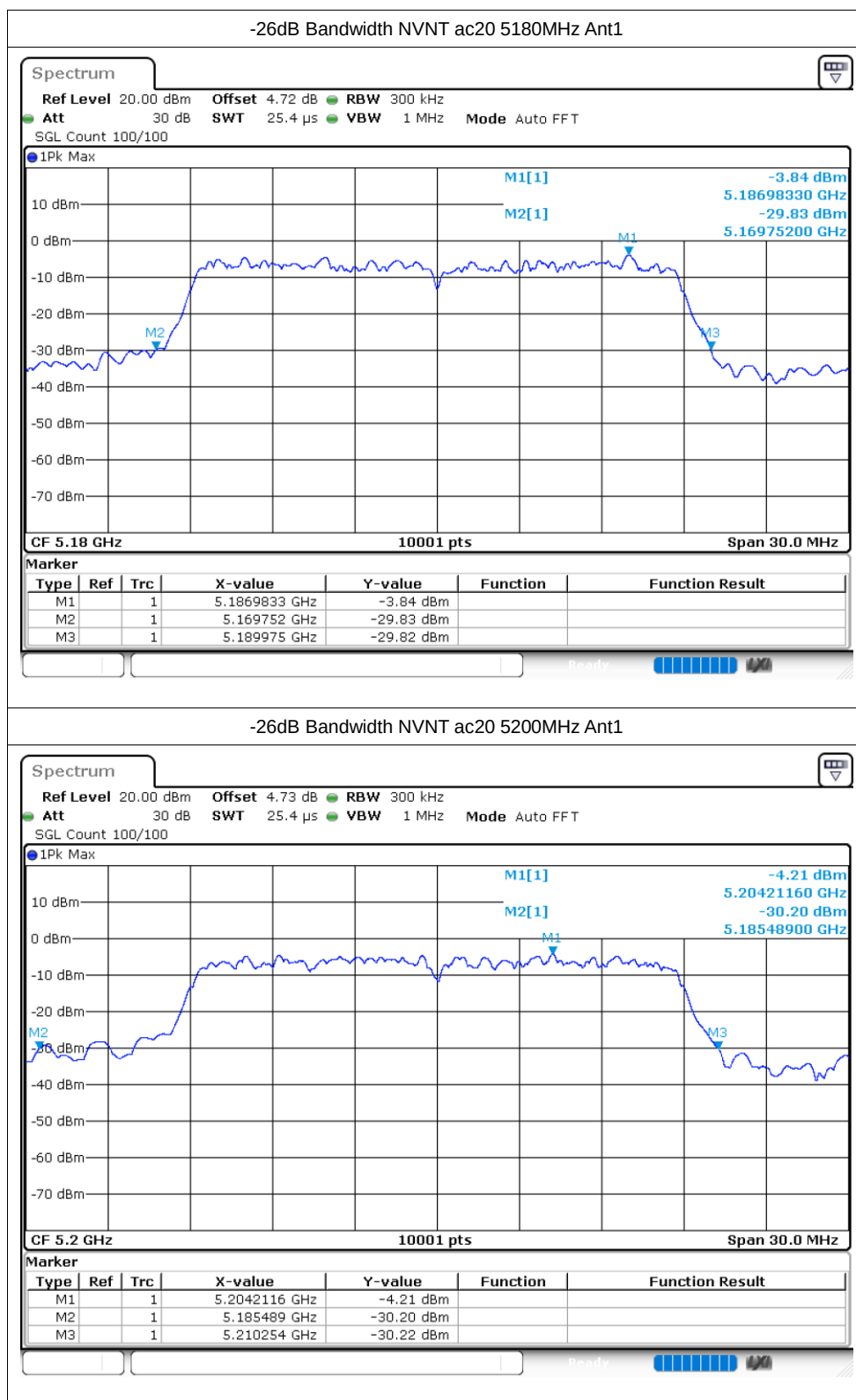
-26dB Bandwidth NVNT a 5200MHz Ant1

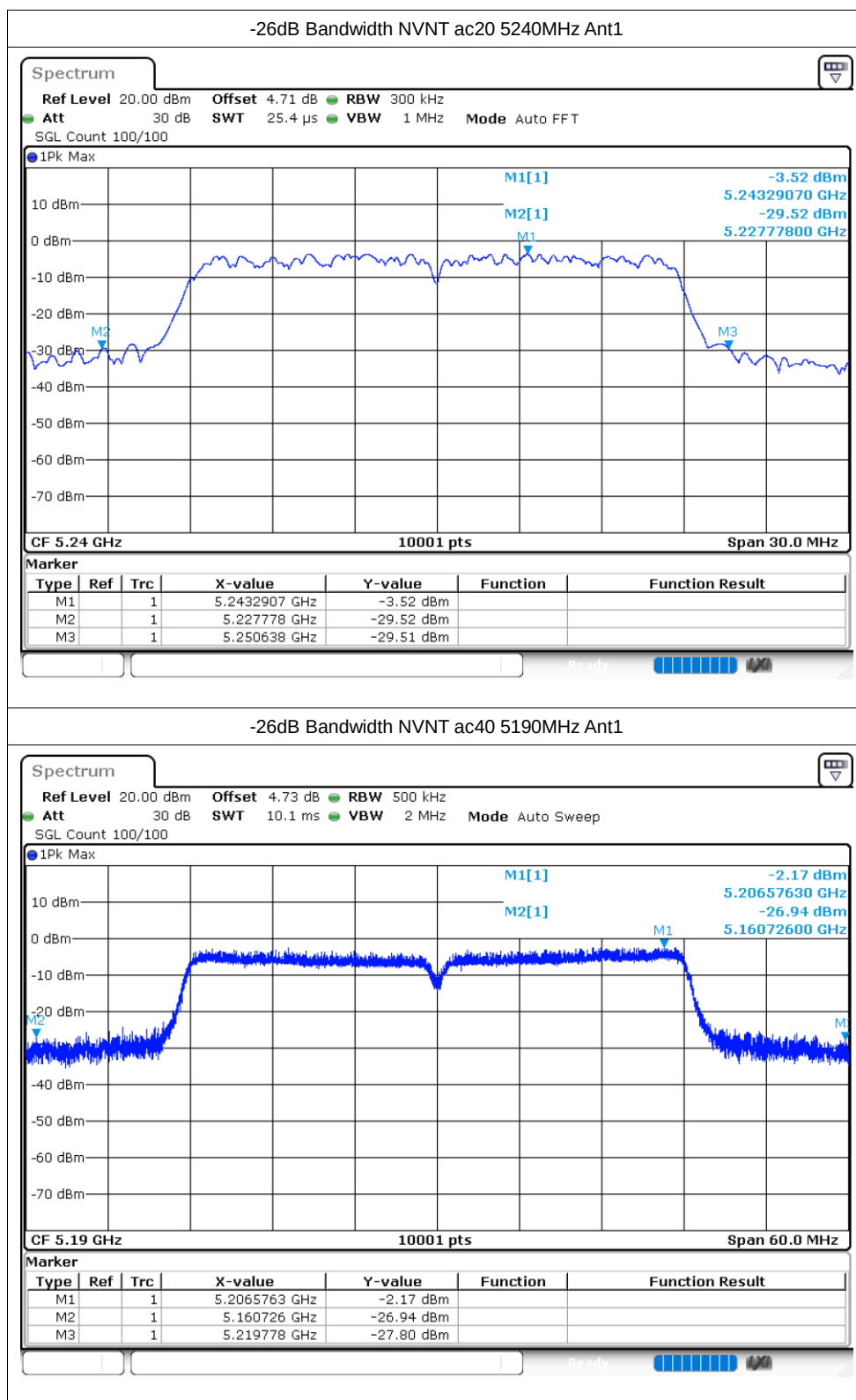


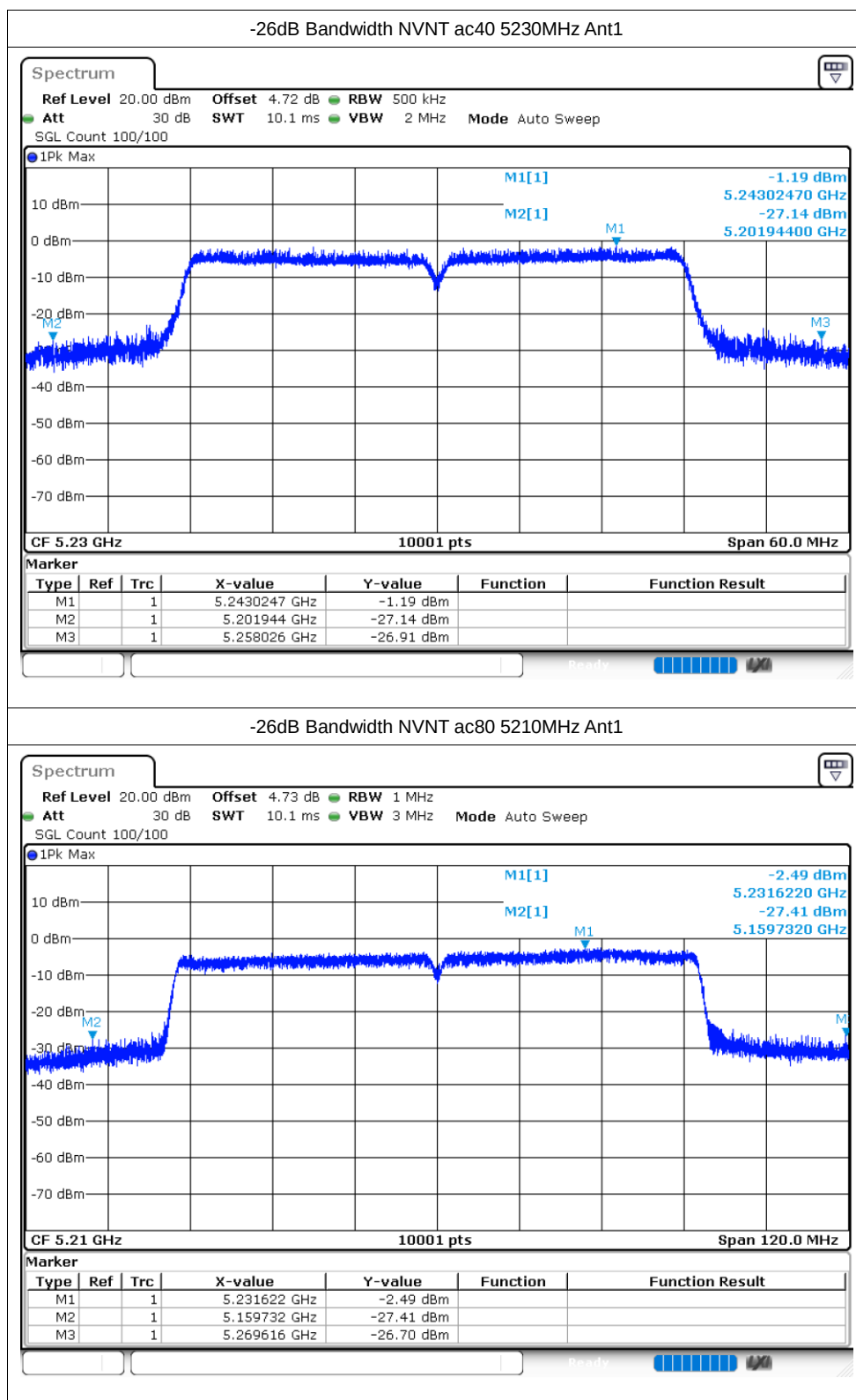










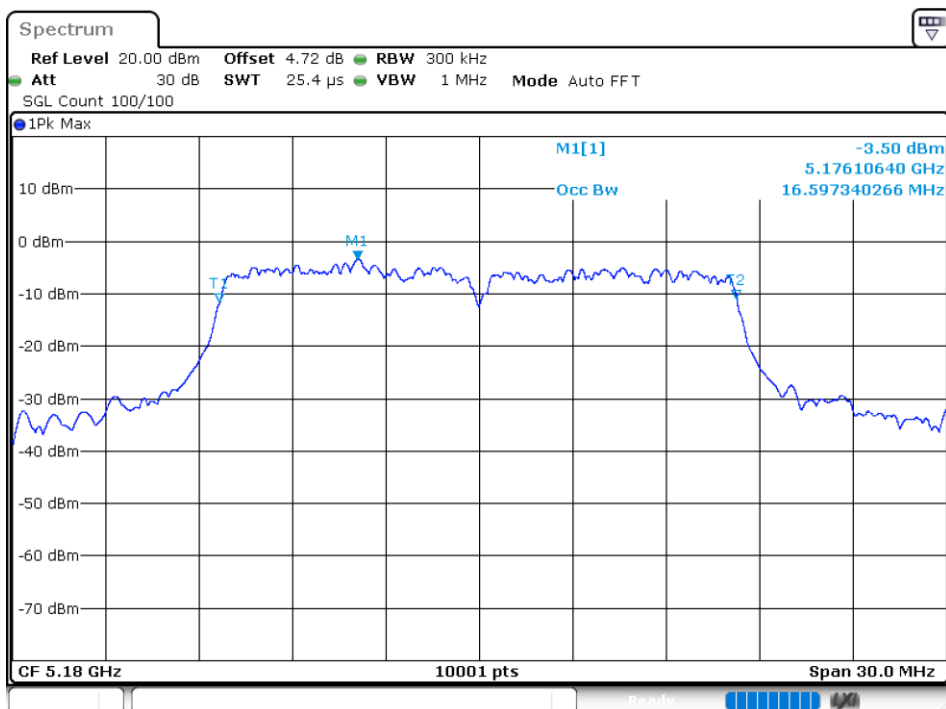


Occupied Channel Bandwidth

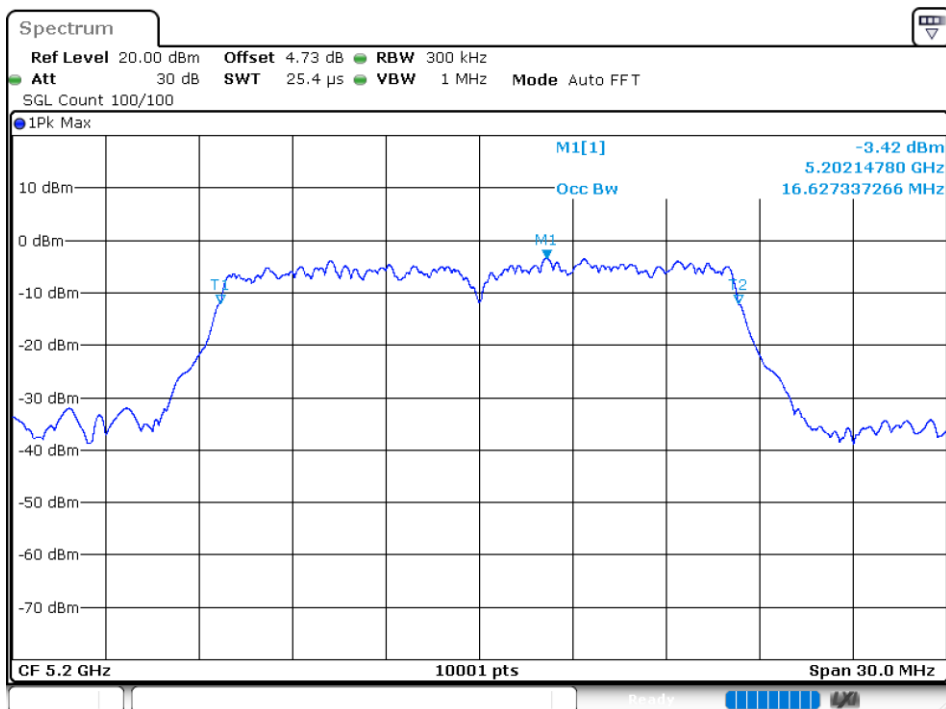
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.597
NVNT	a	5200	Ant1	16.627
NVNT	a	5240	Ant1	16.675
NVNT	n20	5180	Ant1	17.662
NVNT	n20	5200	Ant1	17.644
NVNT	n20	5240	Ant1	17.647
NVNT	n40	5190	Ant1	36.566
NVNT	n40	5230	Ant1	36.44
NVNT	ac20	5180	Ant1	17.89
NVNT	ac20	5200	Ant1	17.596
NVNT	ac20	5240	Ant1	17.566
NVNT	ac40	5190	Ant1	36.548
NVNT	ac40	5230	Ant1	36.434
NVNT	ac80	5210	Ant1	75.784

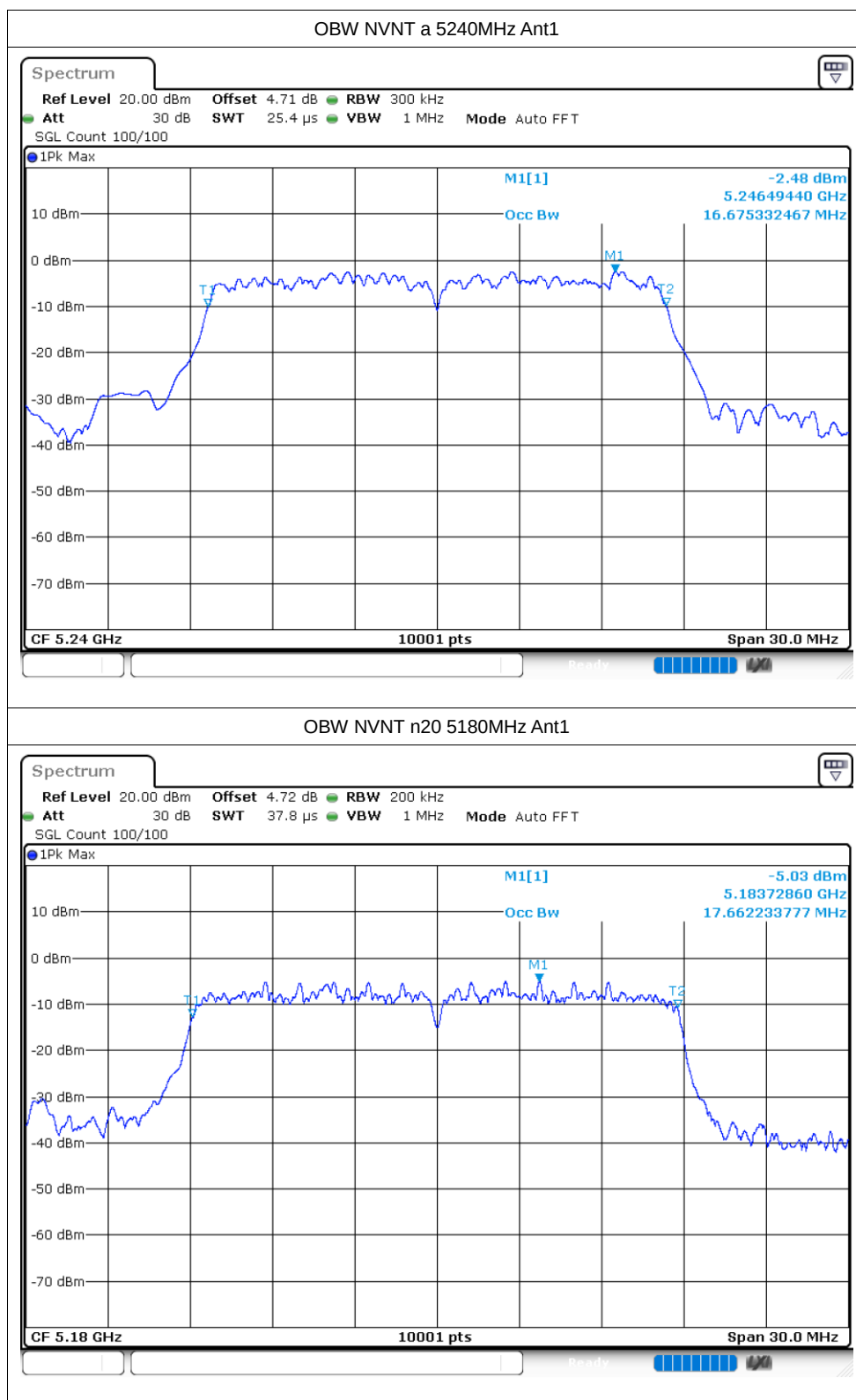
Test Graphs

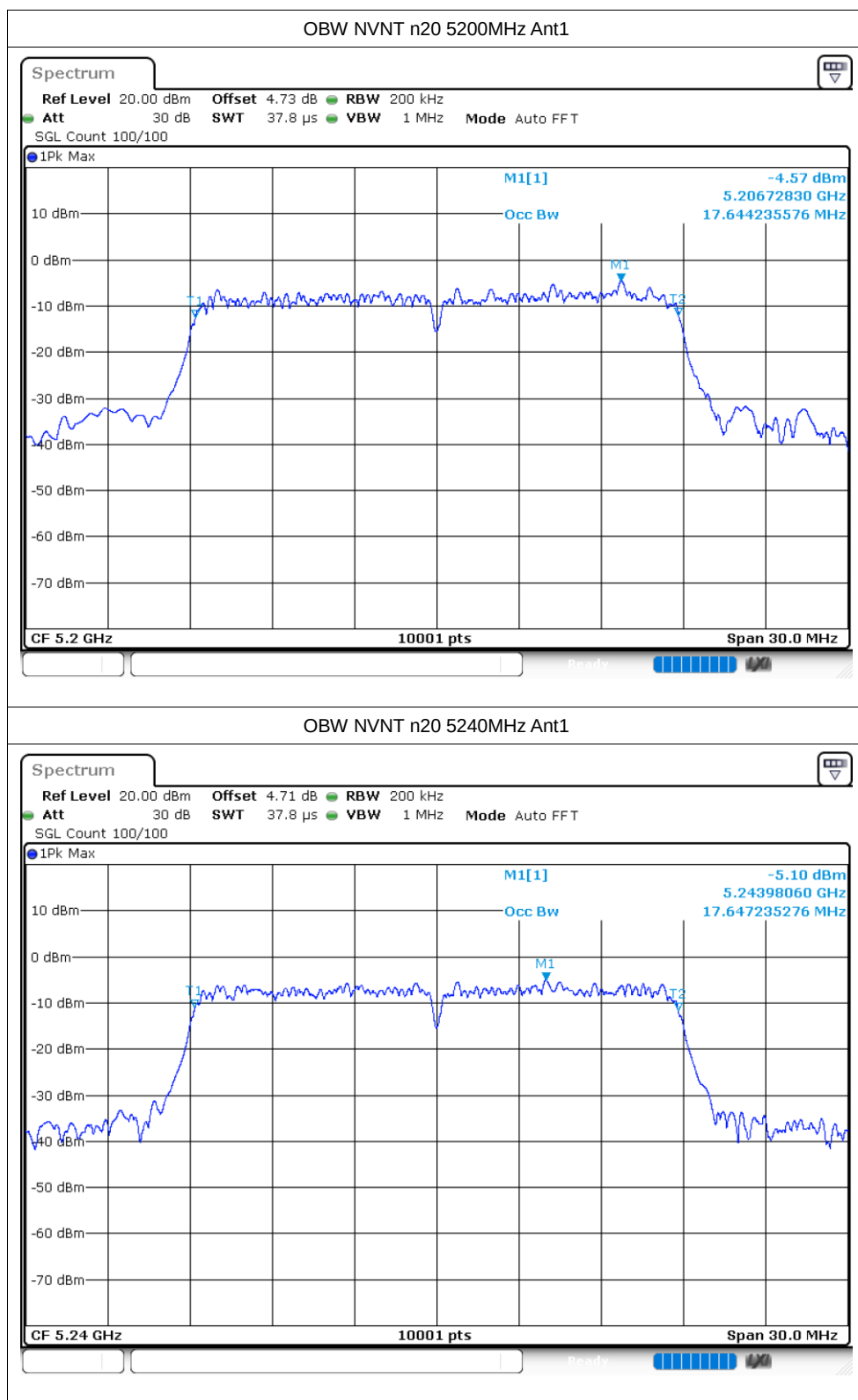
OBW NVNT a 5180MHz Ant1

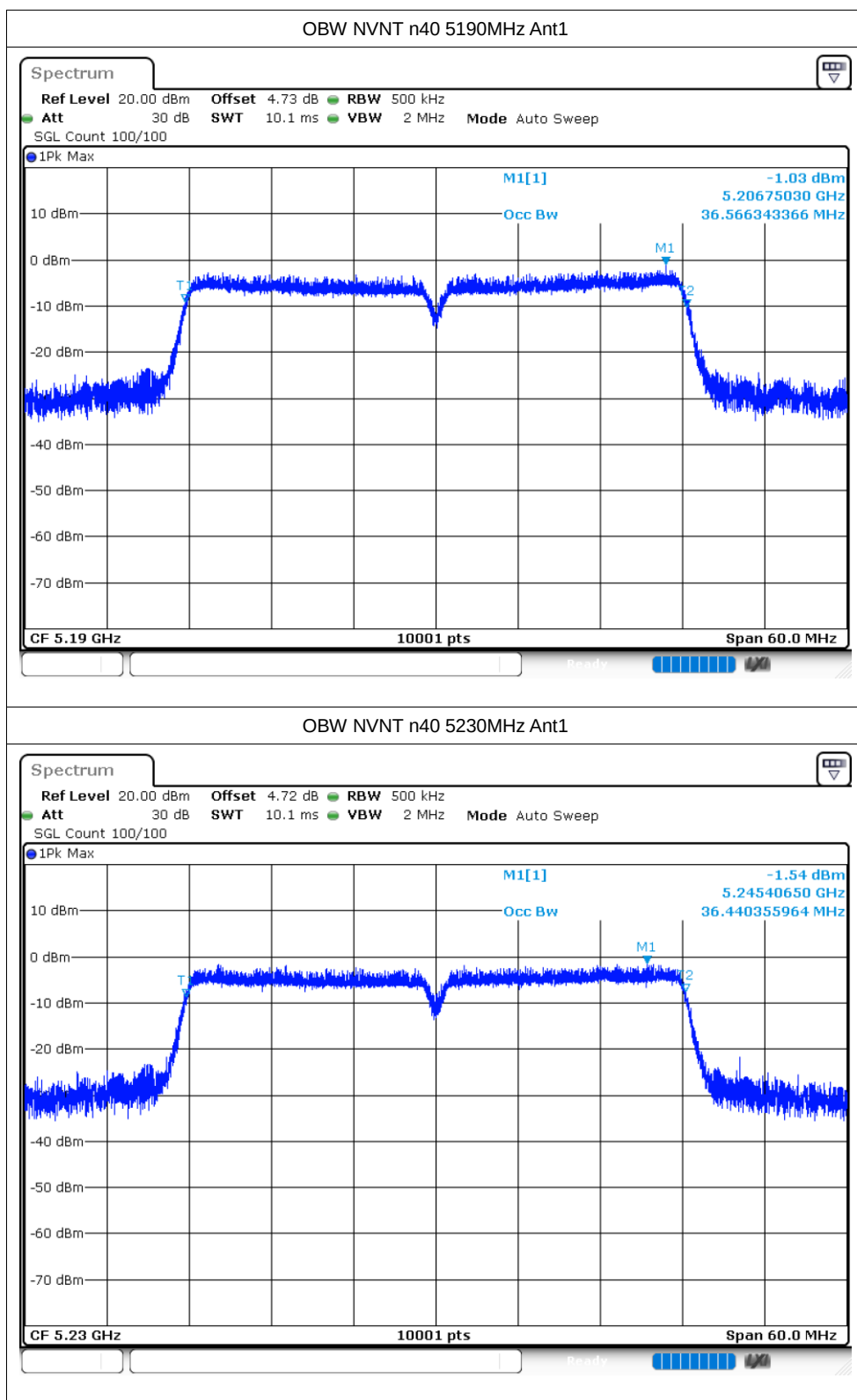


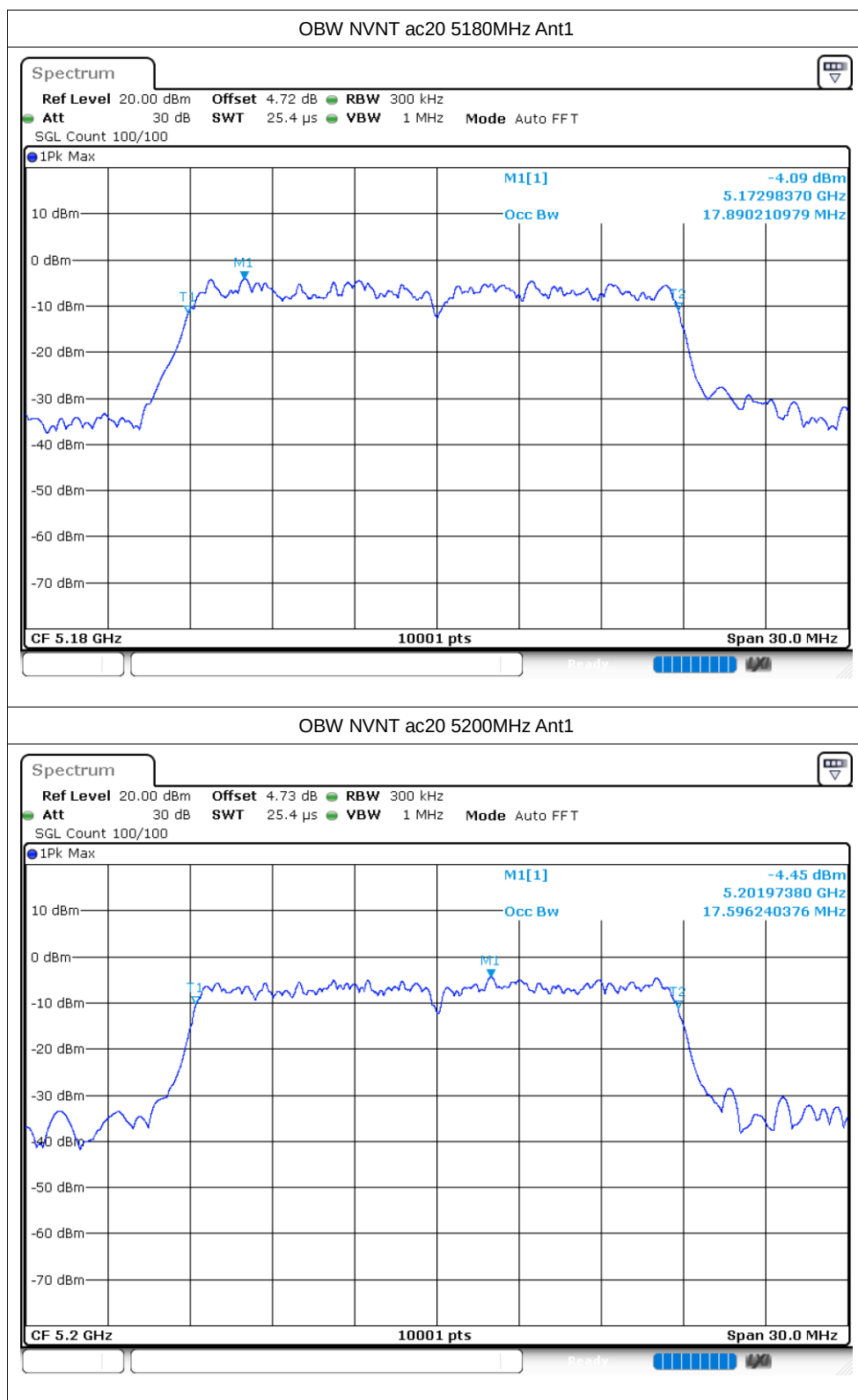
OBW NVNT a 5200MHz Ant1

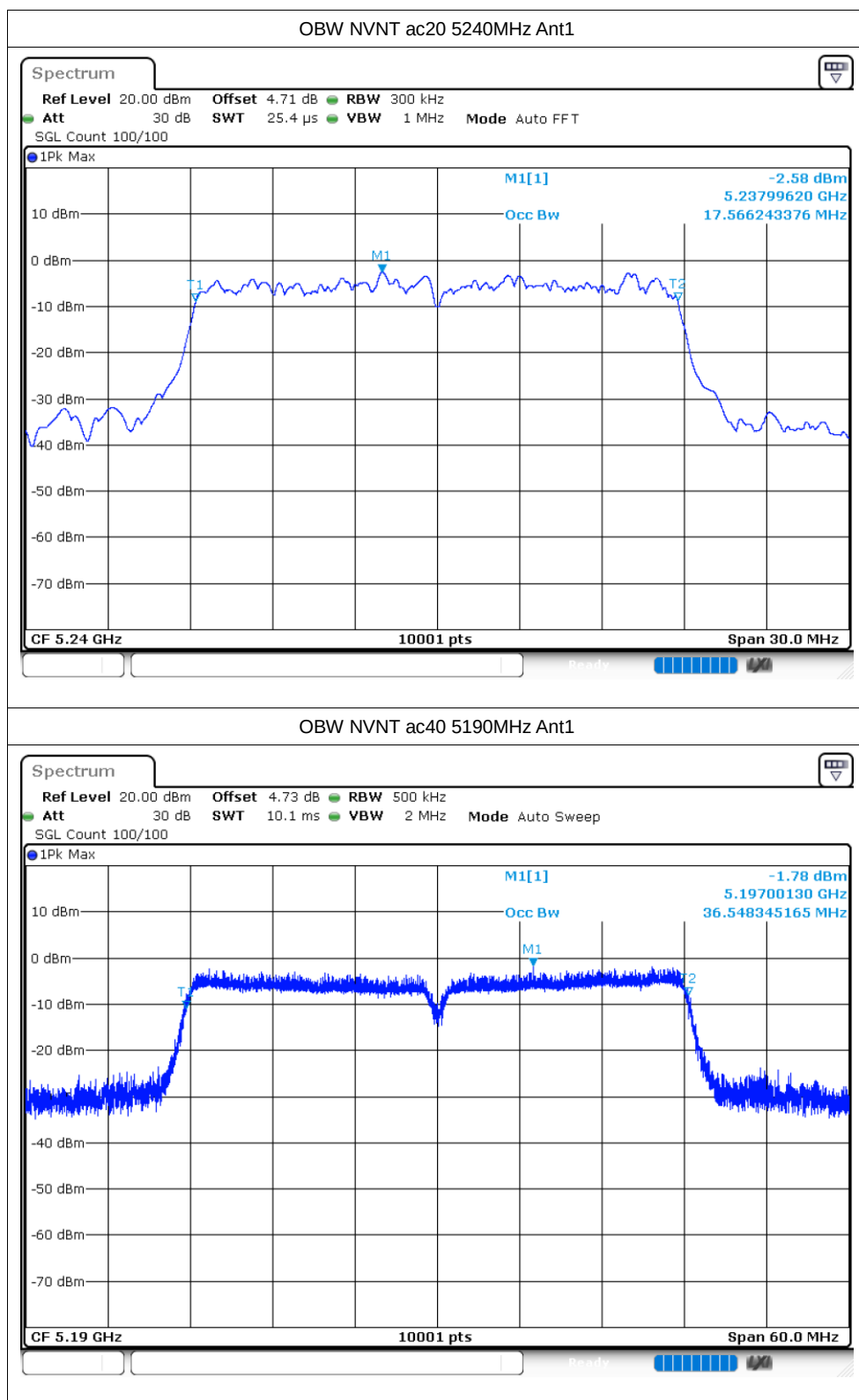


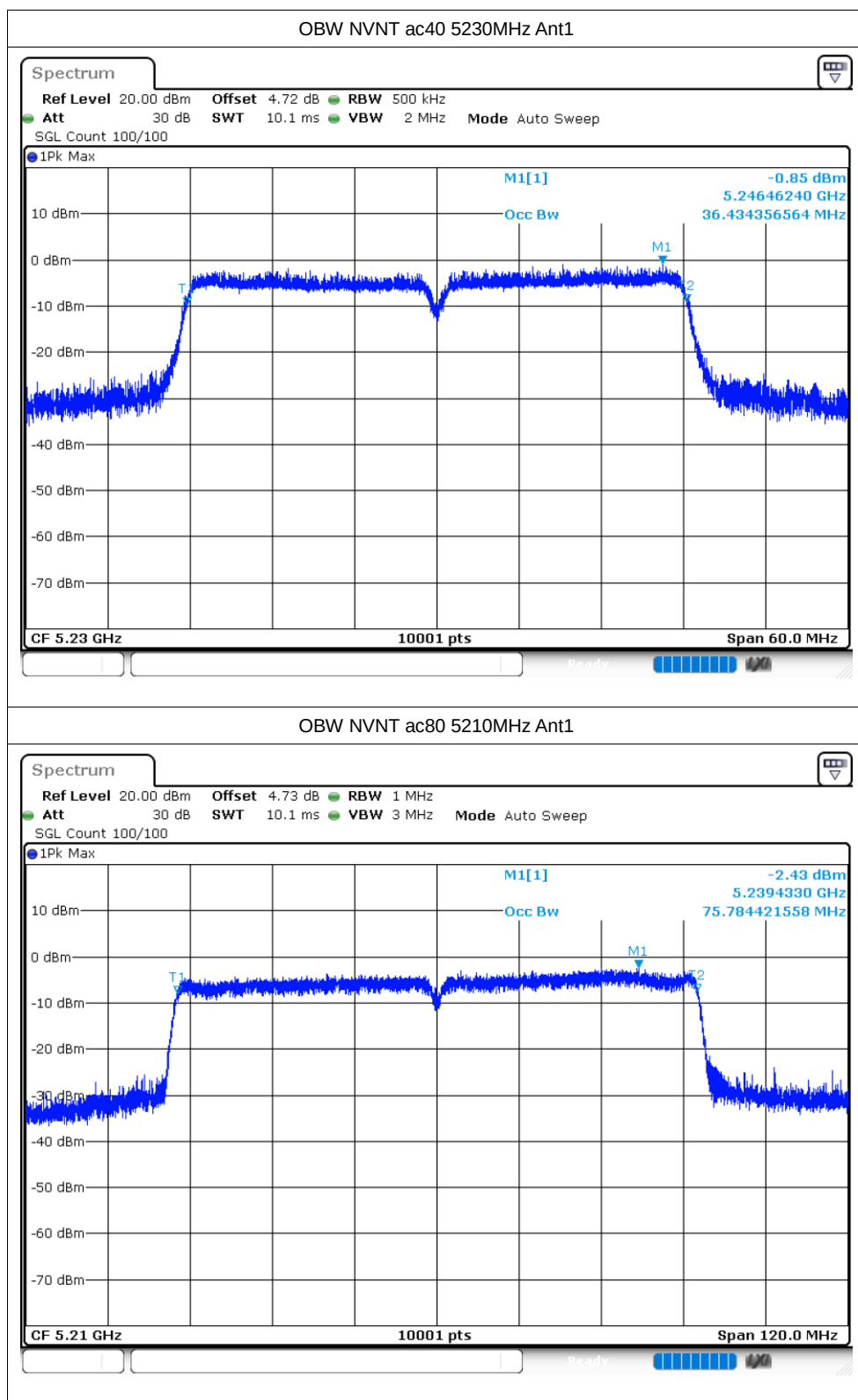










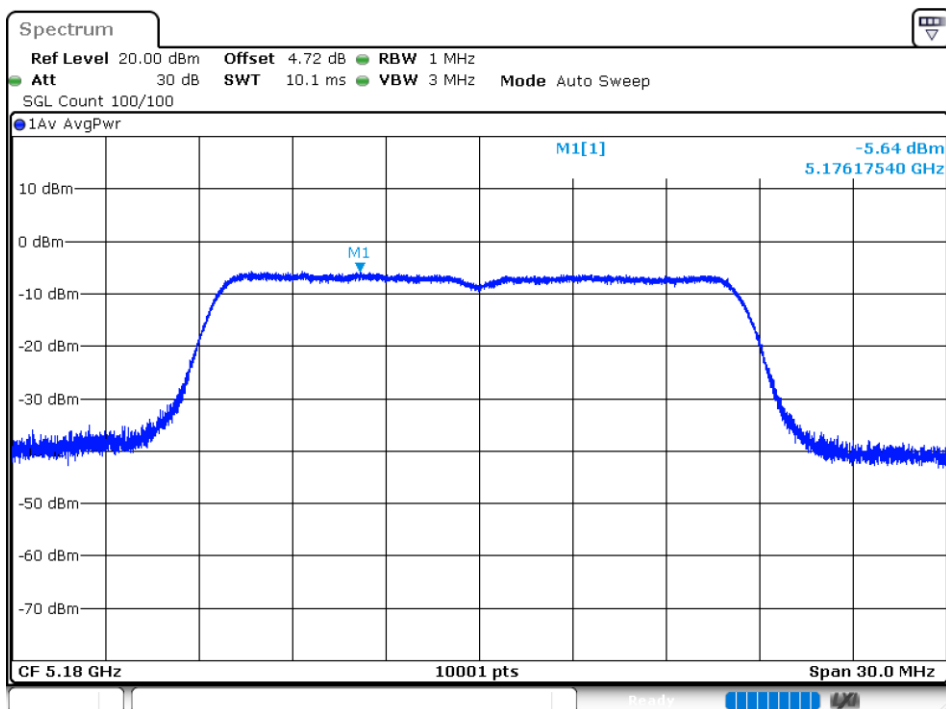


Maximum Power Spectral Density Level

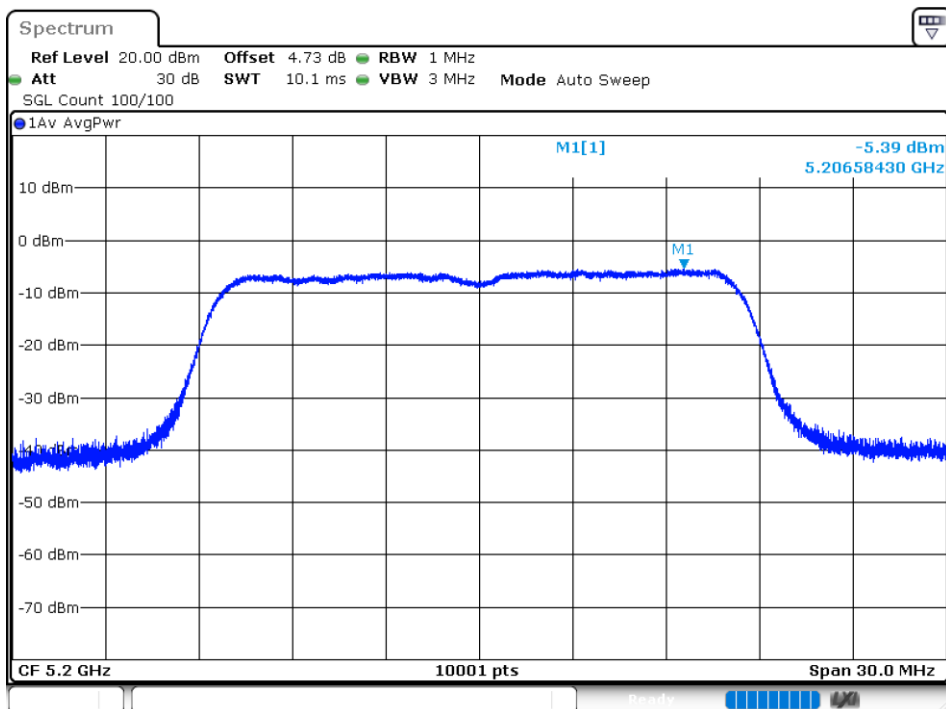
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-5.64	0.54	-5.1	11	Pass
NVNT	a	5200	Ant1	-5.39	0.53	-4.86	11	Pass
NVNT	a	5240	Ant1	-4.95	0.52	-4.43	11	Pass
NVNT	n20	5180	Ant1	-6.47	0.61	-5.86	11	Pass
NVNT	n20	5200	Ant1	-6.37	0.59	-5.78	11	Pass
NVNT	n20	5240	Ant1	-5.79	0.59	-5.2	11	Pass
NVNT	n40	5190	Ant1	-8.89	1.09	-7.8	11	Pass
NVNT	n40	5230	Ant1	-8.72	1.11	-7.61	11	Pass
NVNT	ac20	5180	Ant1	-6.31	0.63	-5.68	11	Pass
NVNT	ac20	5200	Ant1	-6.22	0.59	-5.63	11	Pass
NVNT	ac20	5240	Ant1	-5.3	0.6	-4.7	11	Pass
NVNT	ac40	5190	Ant1	-8.79	1.15	-7.64	11	Pass
NVNT	ac40	5230	Ant1	-7.97	1.13	-6.84	11	Pass
NVNT	ac80	5210	Ant1	-12.69	1.98	-10.71	11	Pass

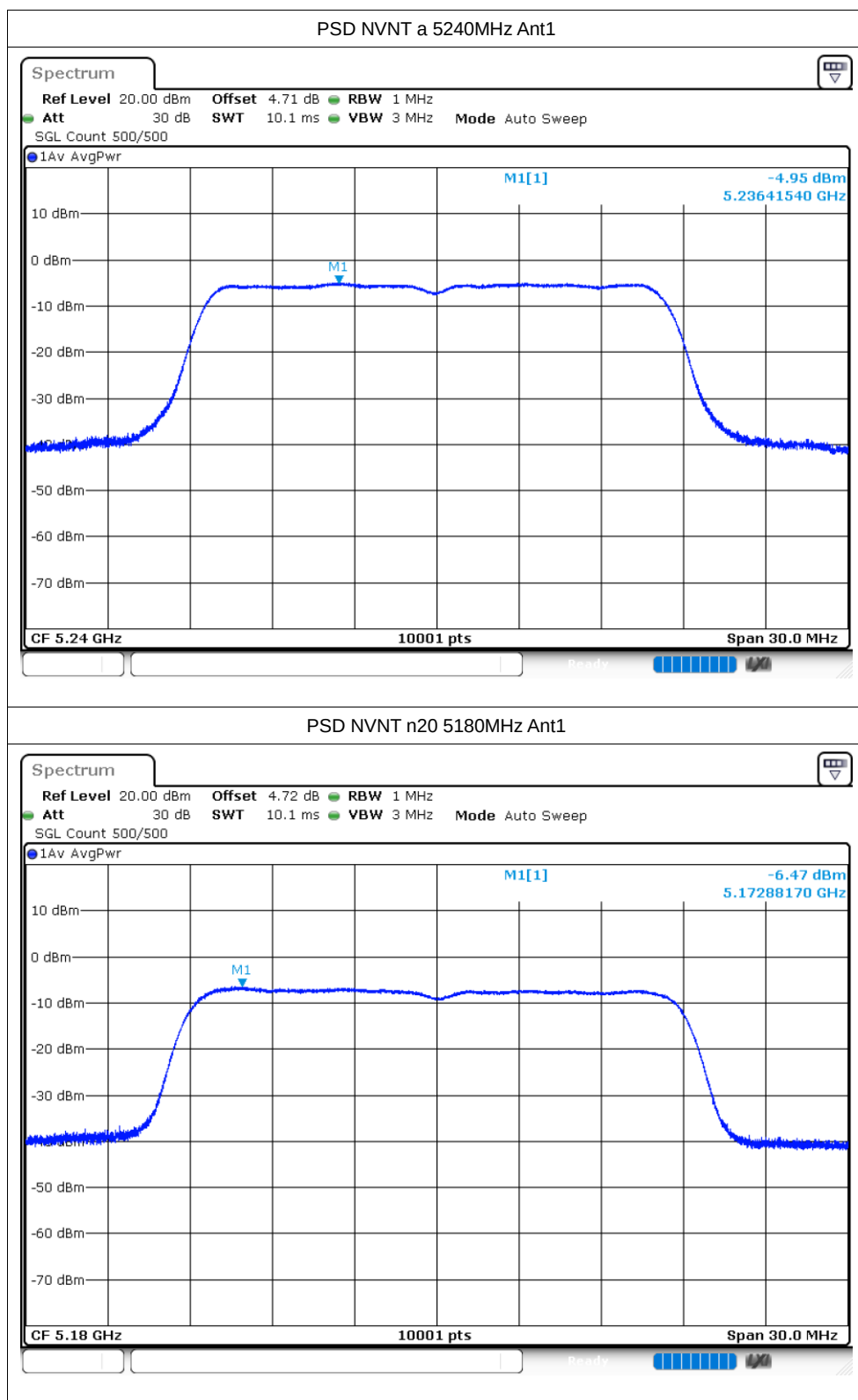
Test Graphs

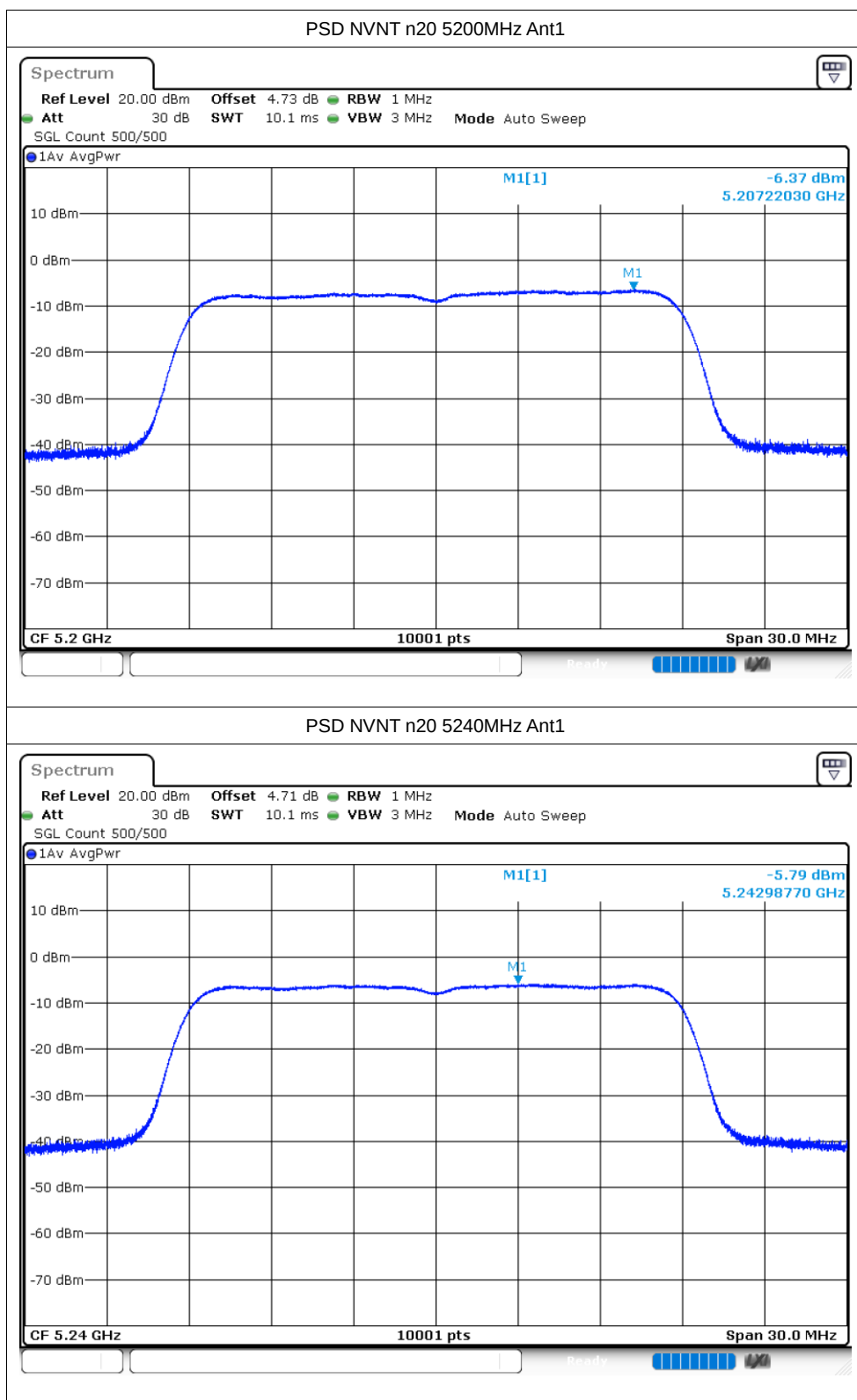
PSD NVNT a 5180MHz Ant1

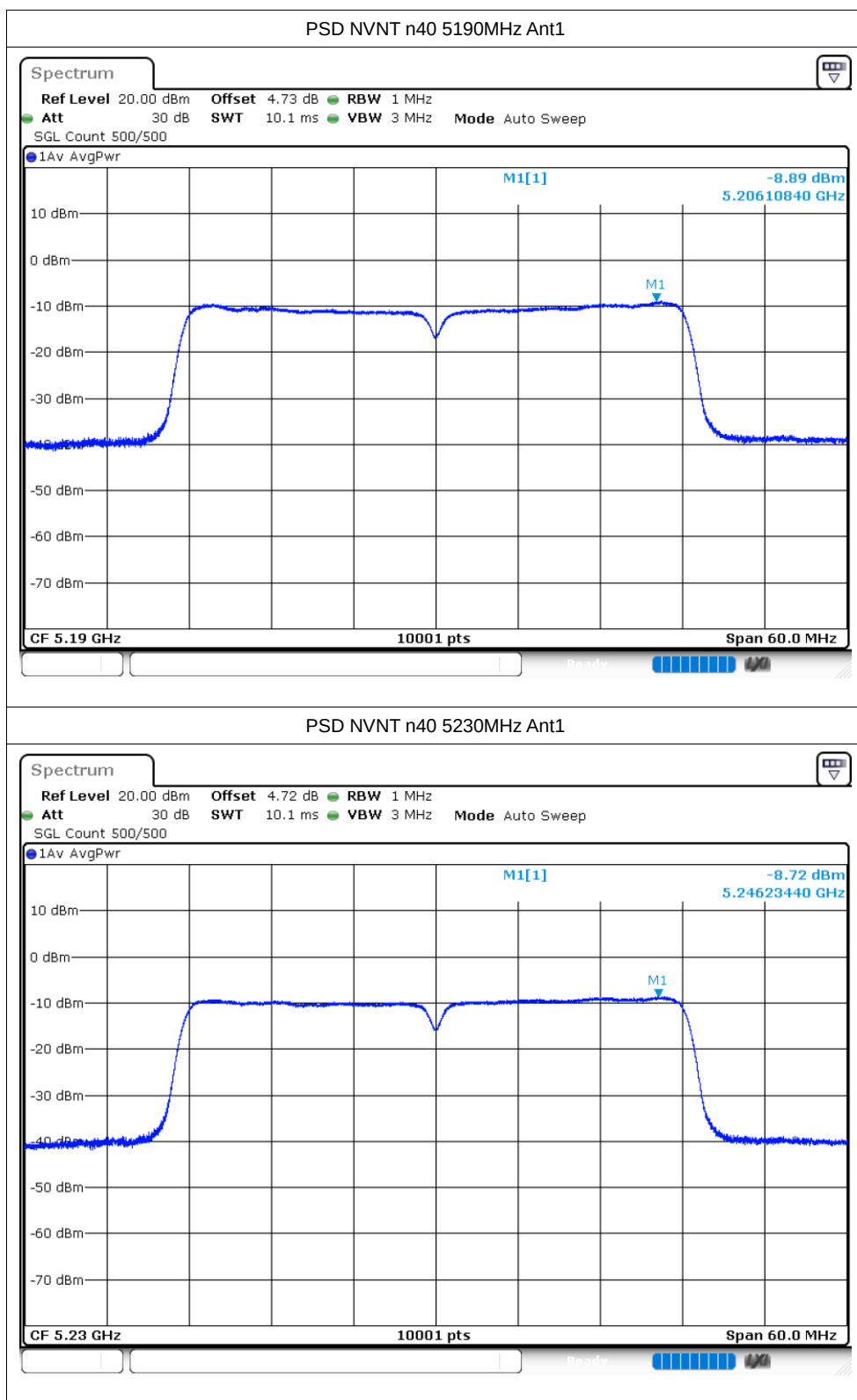


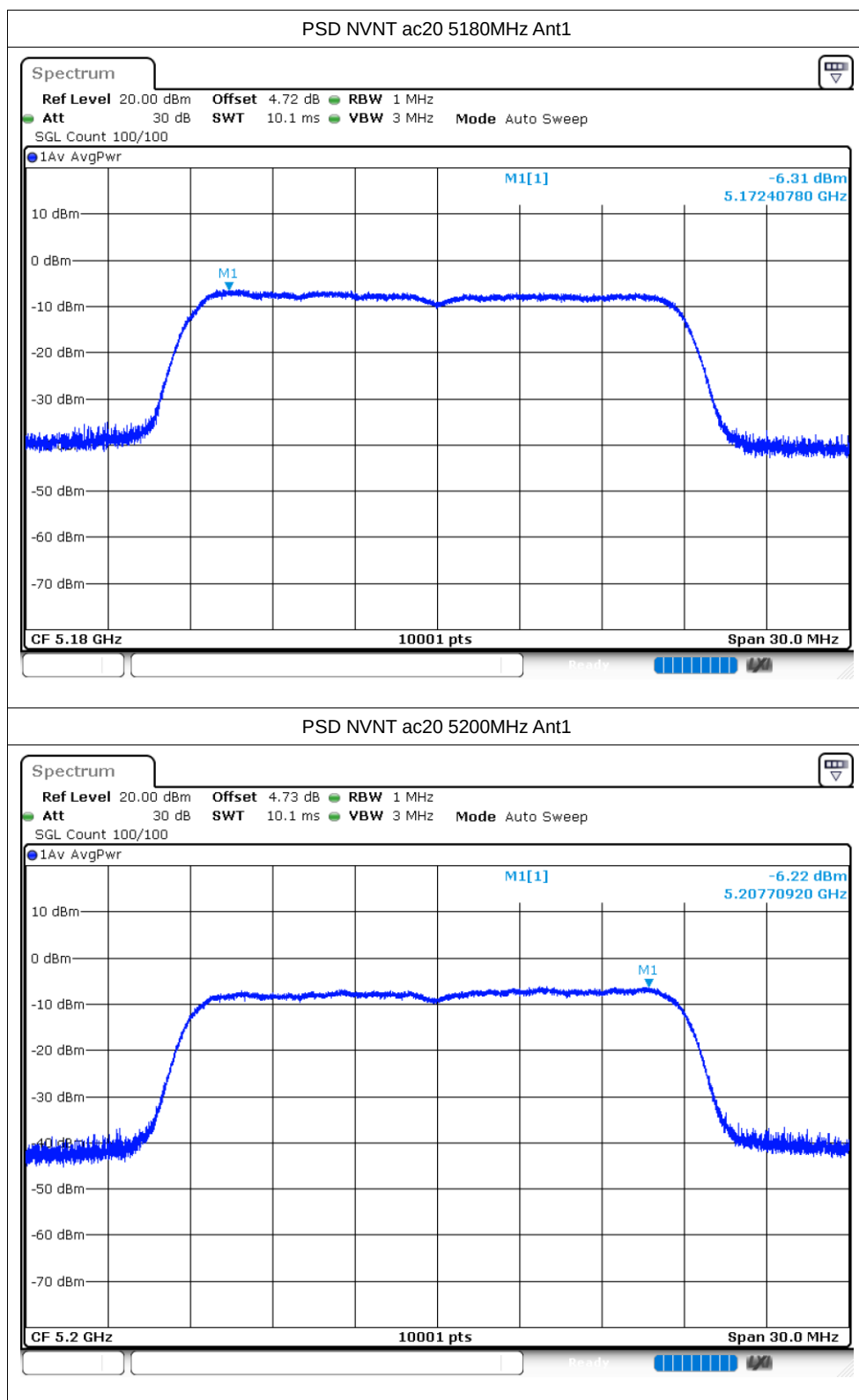
PSD NVNT a 5200MHz Ant1

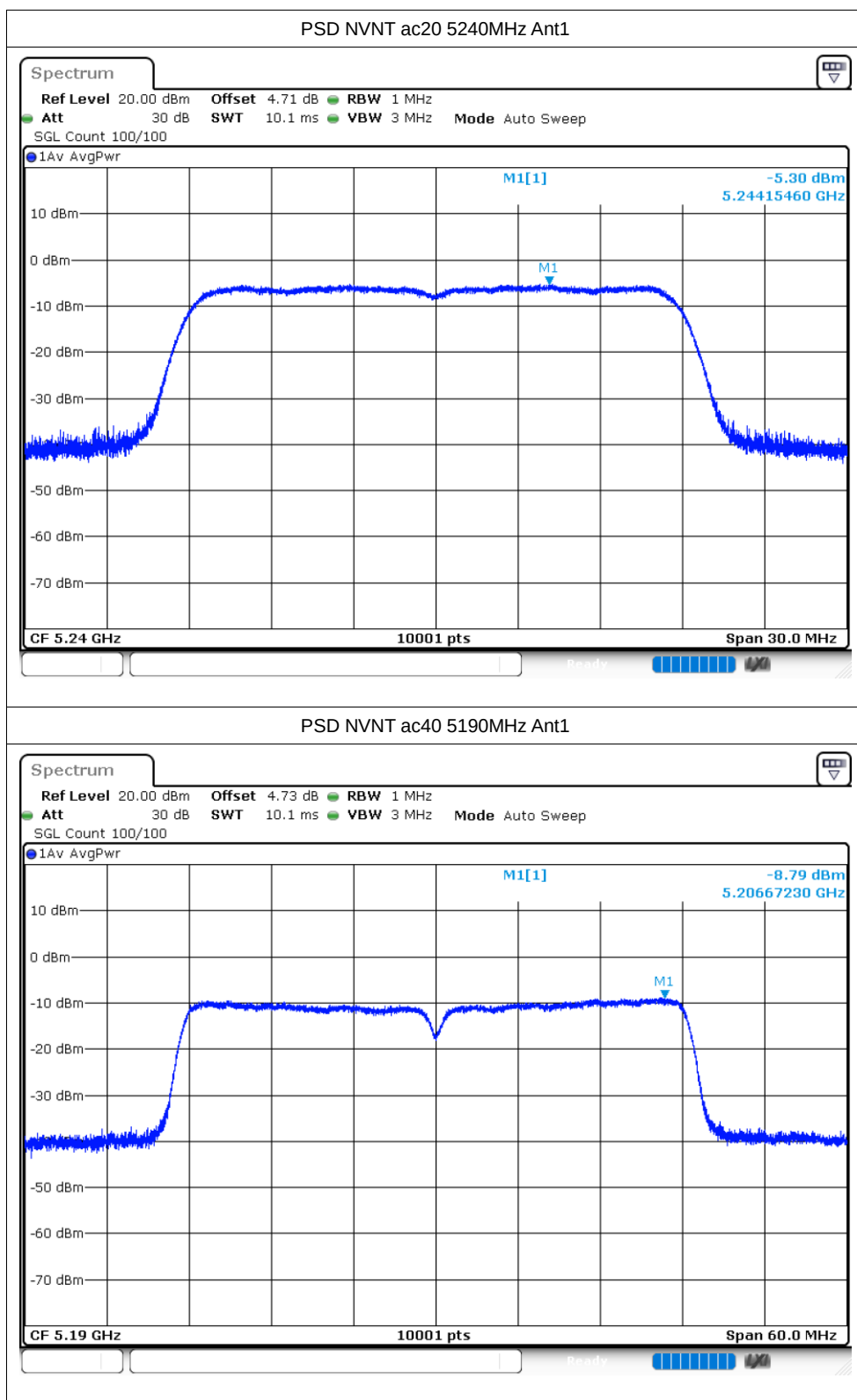


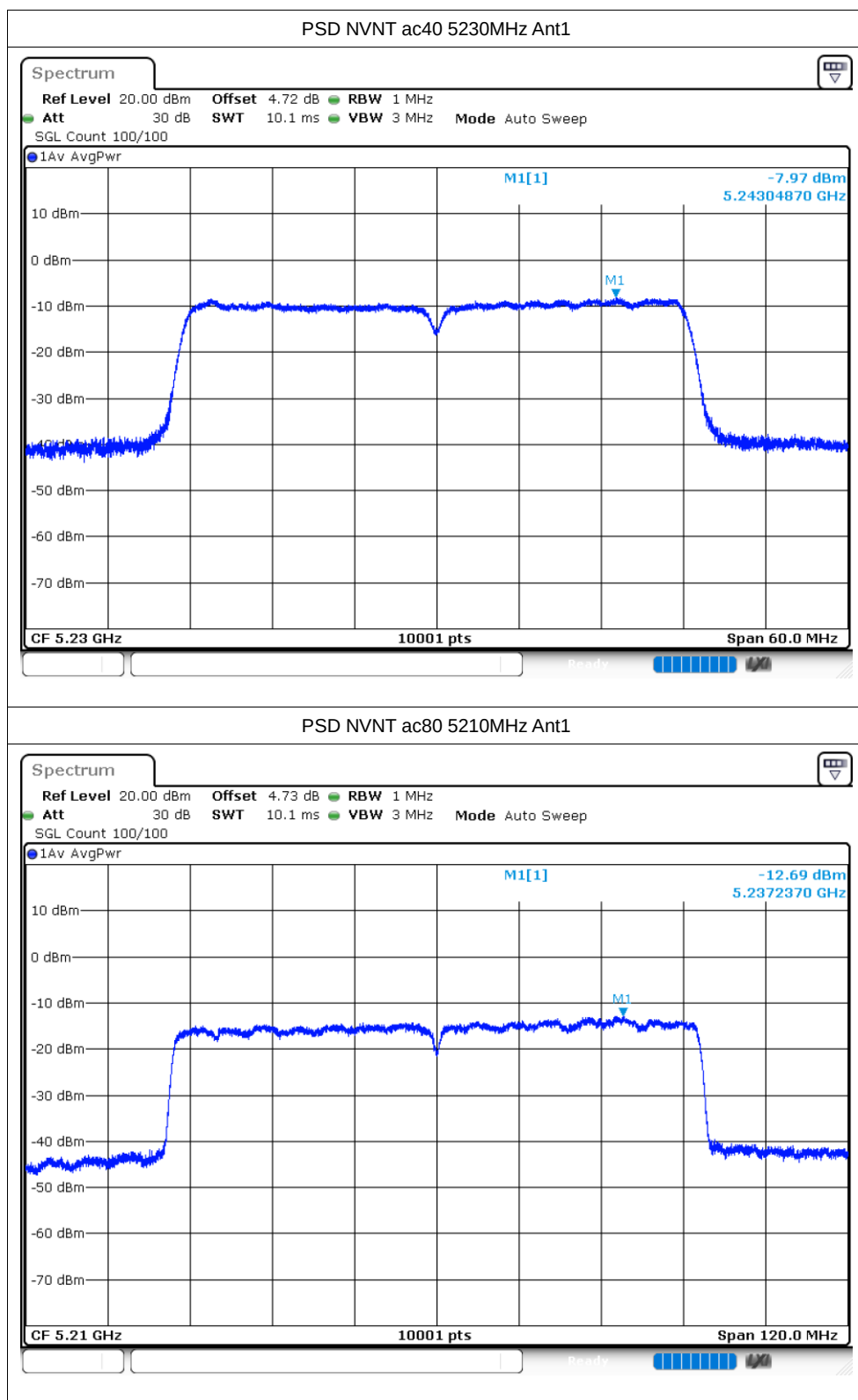










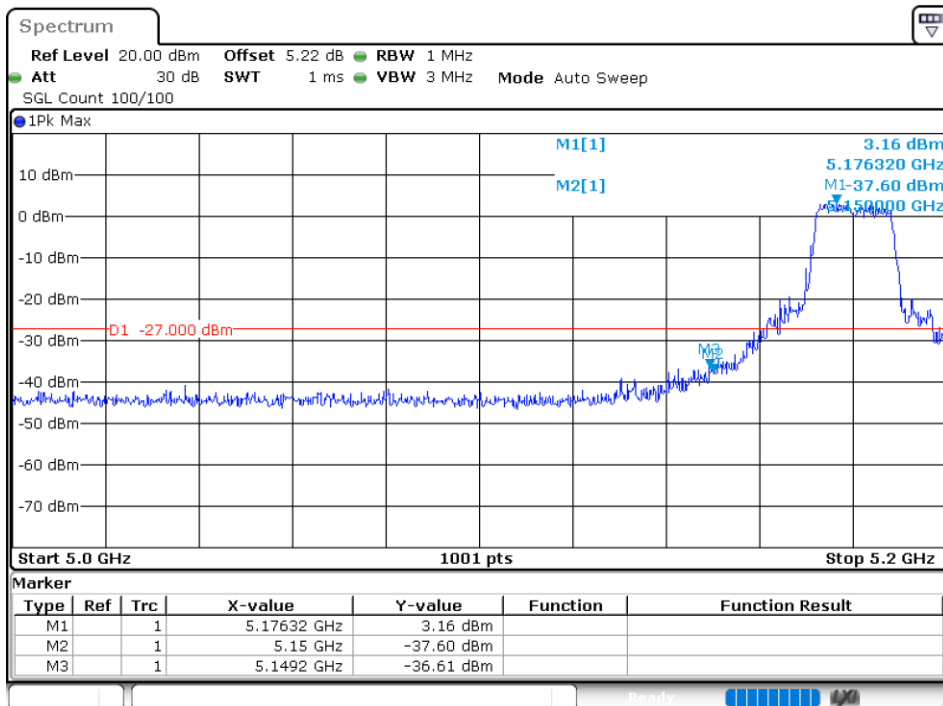


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-36.61	-27	Pass
NVNT	a	5240	Ant1	-40.8	-27	Pass
NVNT	n20	5180	Ant1	-35.2	-27	Pass
NVNT	n20	5240	Ant1	-41.11	-27	Pass
NVNT	n40	5190	Ant1	-27.13	-27	Pass
NVNT	n40	5230	Ant1	-41.26	-27	Pass
NVNT	ac20	5180	Ant1	-34.67	-27	Pass
NVNT	ac20	5240	Ant1	-41.77	-27	Pass
NVNT	ac40	5190	Ant1	-27.26	-27	Pass
NVNT	ac40	5230	Ant1	-42	-27	Pass
NVNT	ac80	5210	Ant1	-41.4	-27	Pass
NVNT	ac80	5210	Ant1	-29.17	-27	Pass

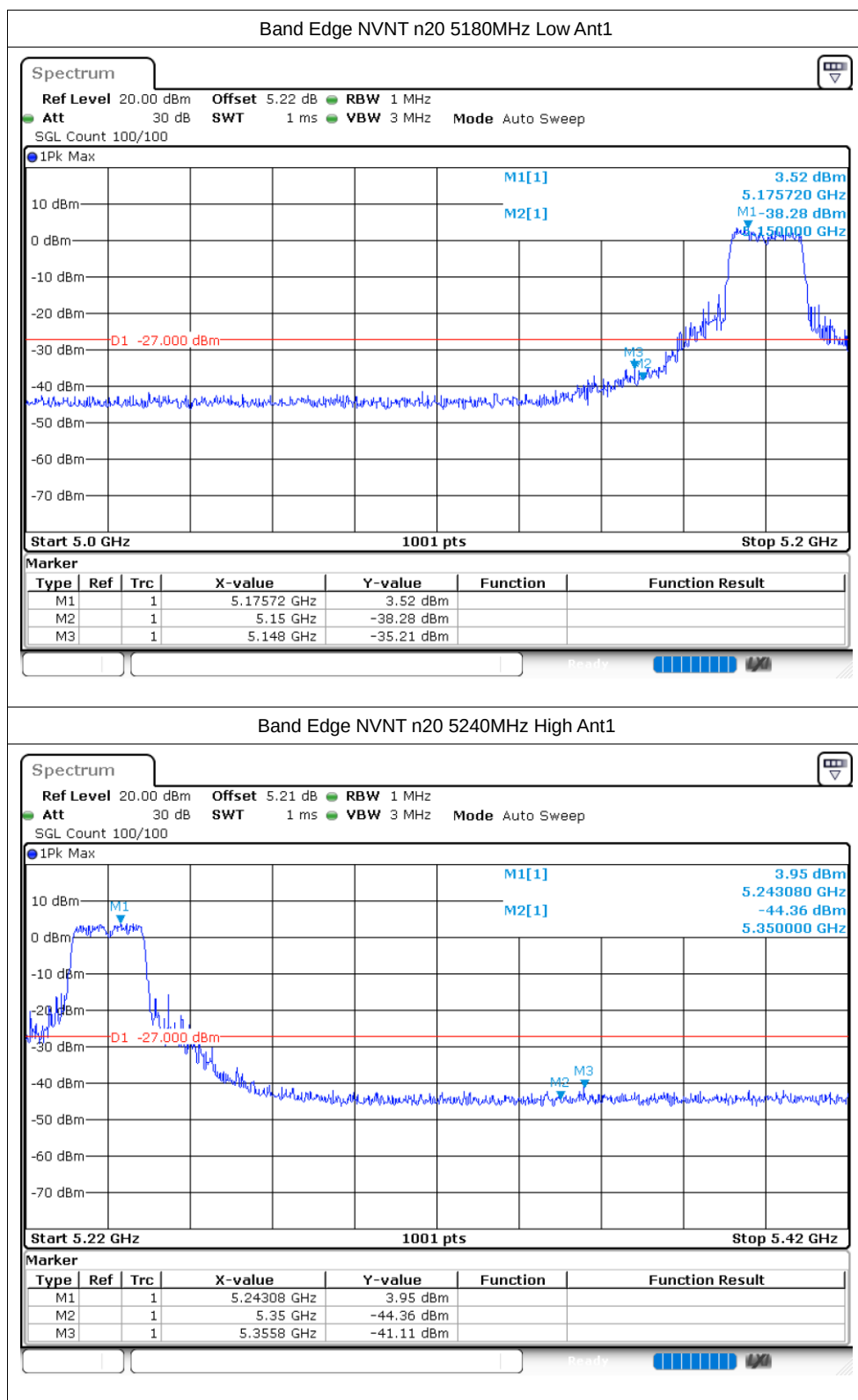
Test Graphs

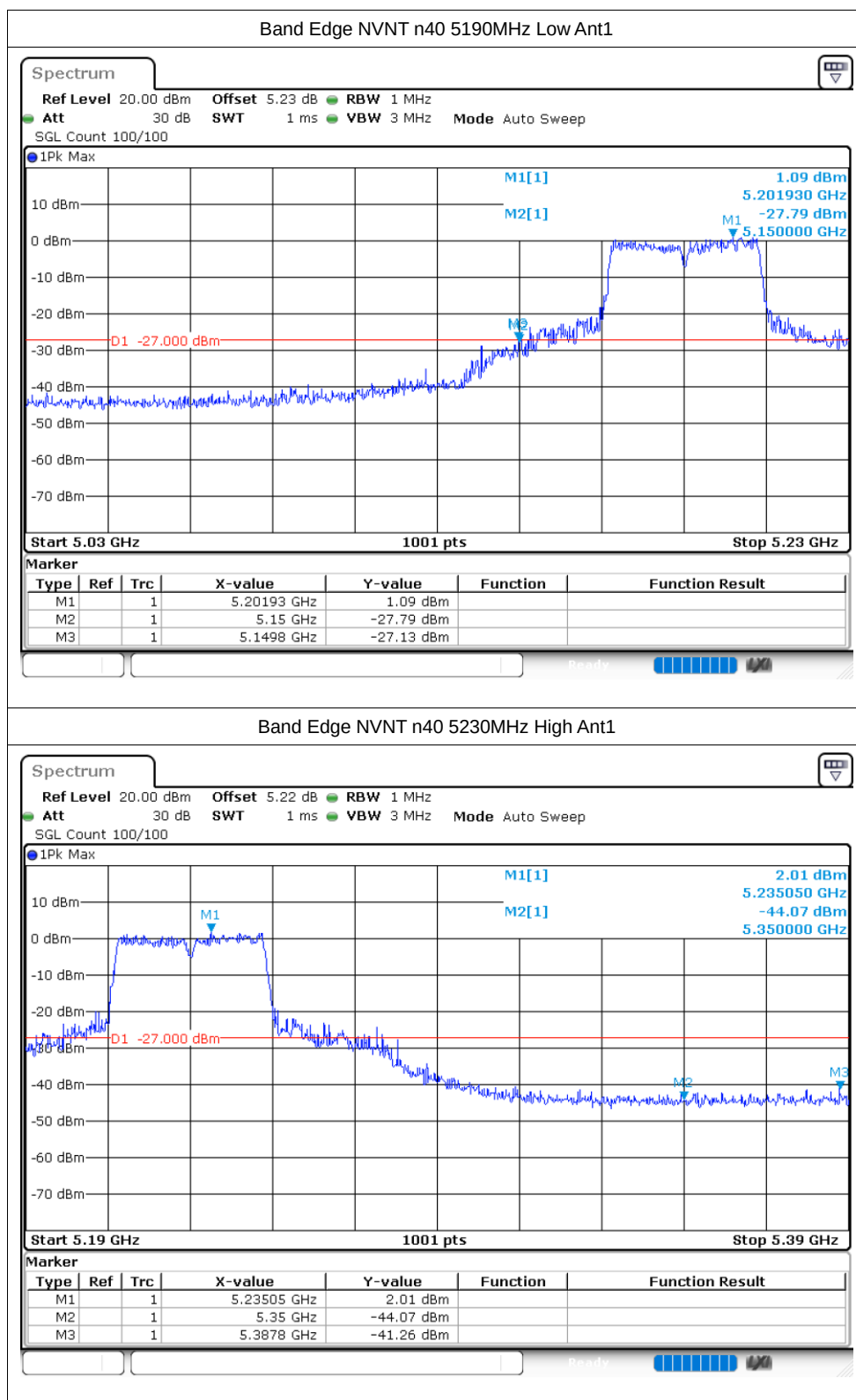
Band Edge NVNT a 5180MHz Low Ant1

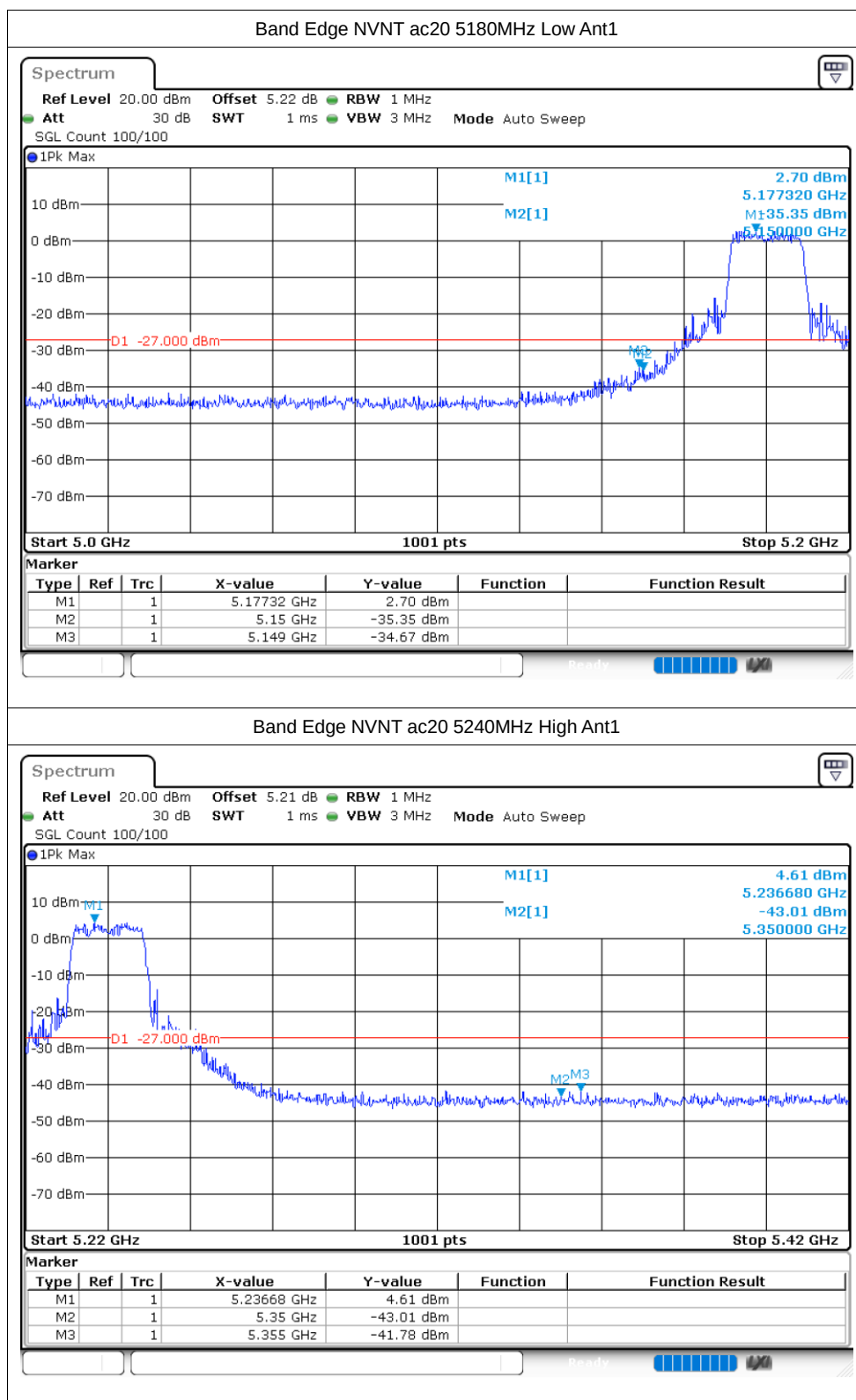


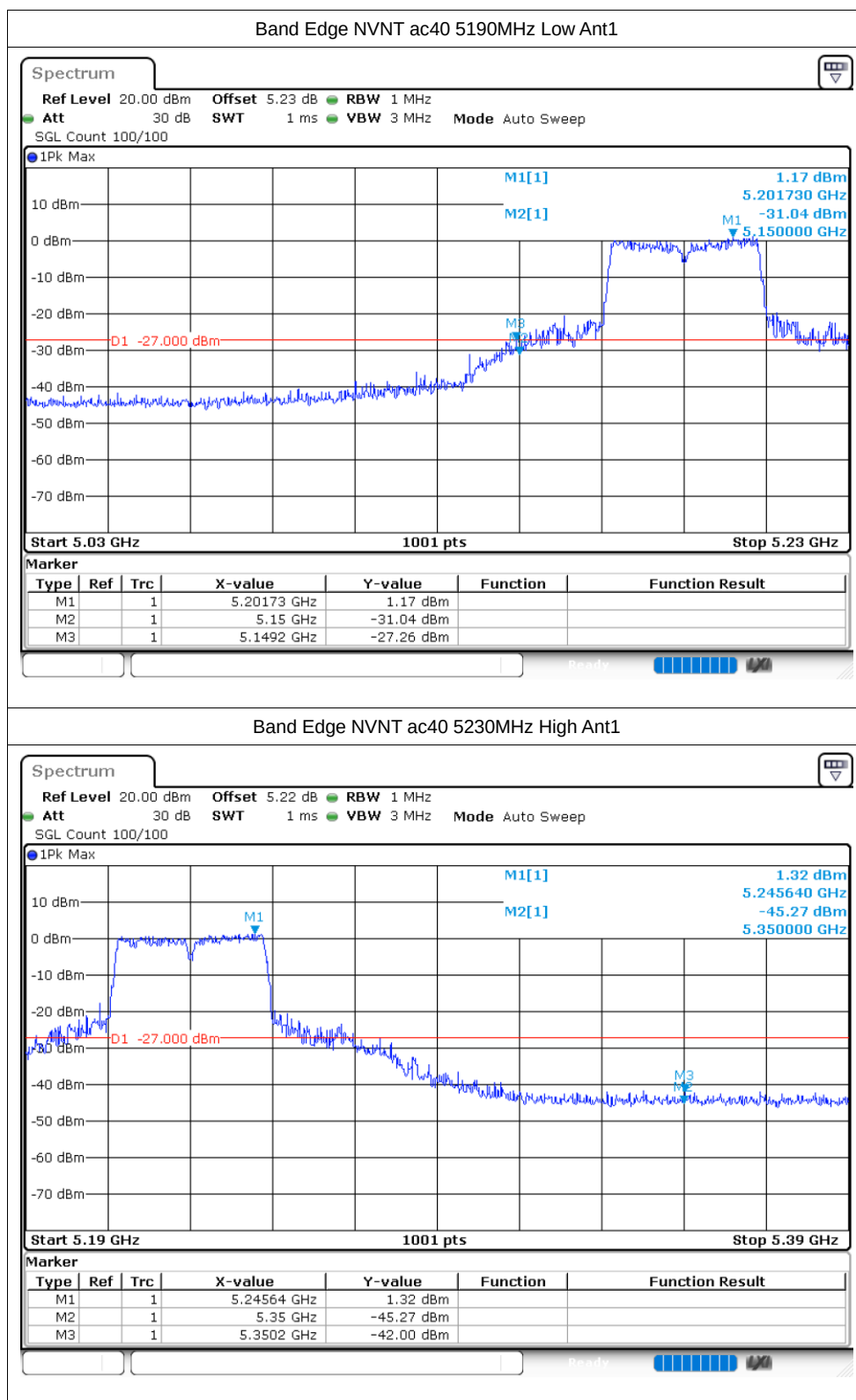
Band Edge NVNT a 5240MHz High Ant1

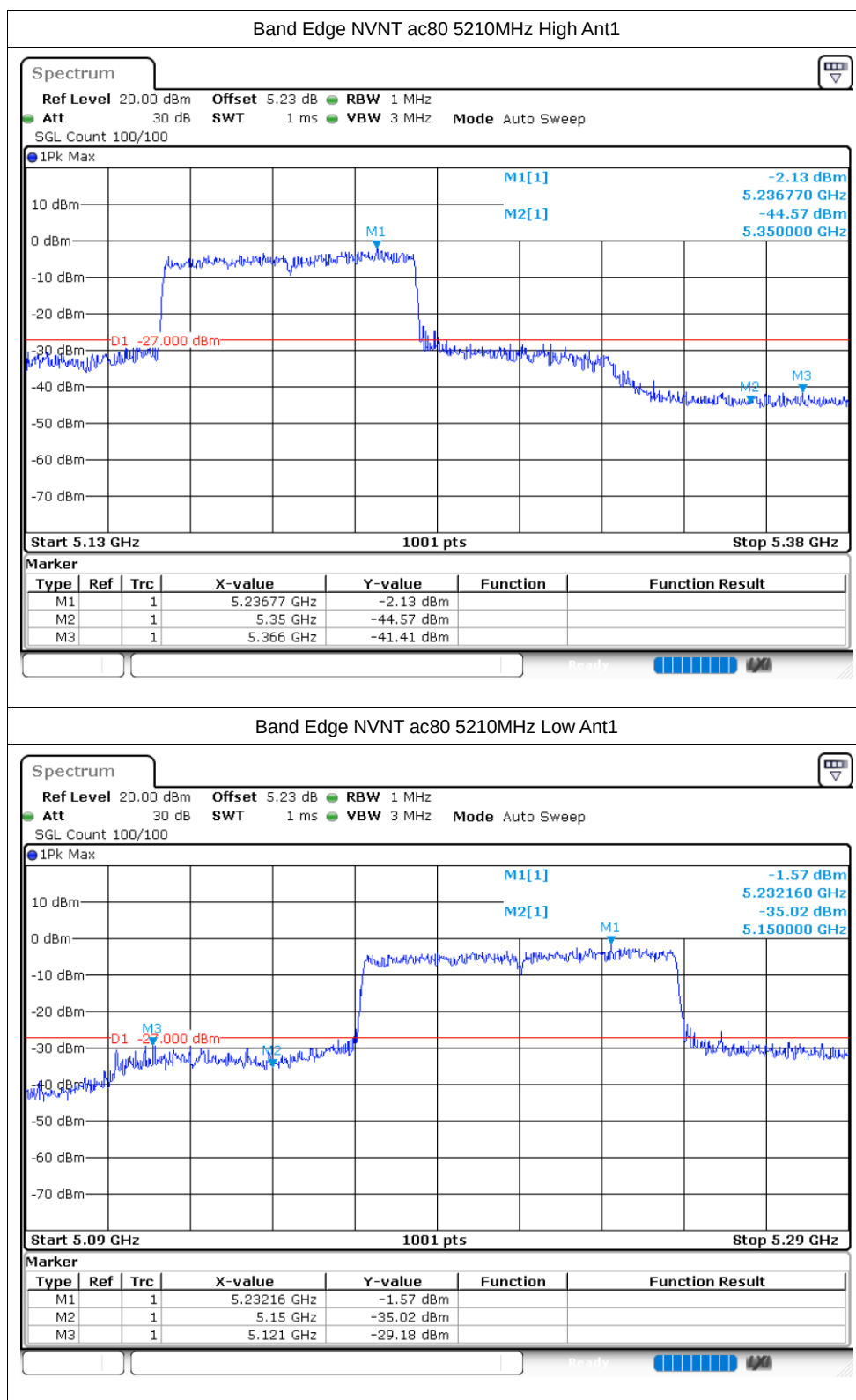












Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-35.65	-27	Pass
NVNT	a	5200	Ant1	-35.53	-27	Pass
NVNT	a	5240	Ant1	-36.03	-27	Pass
NVNT	n20	5180	Ant1	-35.67	-27	Pass
NVNT	n20	5200	Ant1	-35.81	-27	Pass
NVNT	n20	5240	Ant1	-35.64	-27	Pass
NVNT	n40	5190	Ant1	-36	-27	Pass
NVNT	n40	5230	Ant1	-35.05	-27	Pass
NVNT	ac20	5180	Ant1	-35.19	-27	Pass
NVNT	ac20	5200	Ant1	-36.21	-27	Pass
NVNT	ac20	5240	Ant1	-35.18	-27	Pass
NVNT	ac40	5190	Ant1	-35.2	-27	Pass
NVNT	ac40	5230	Ant1	-35.76	-27	Pass
NVNT	ac80	5210	Ant1	-35.86	-27	Pass

