

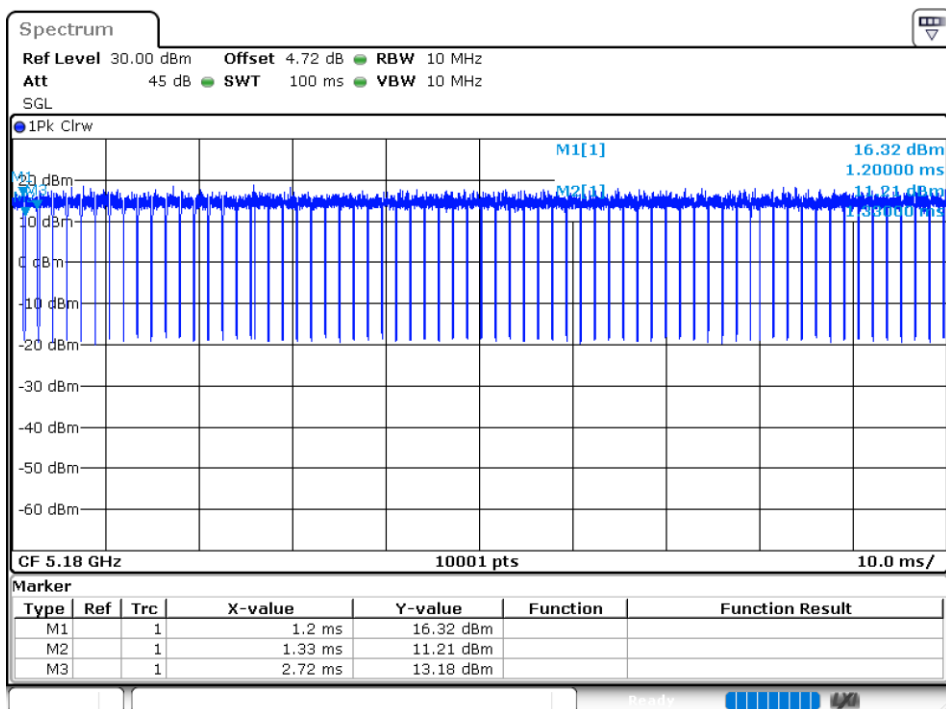
WIFI 5.2G

Duty Cycle

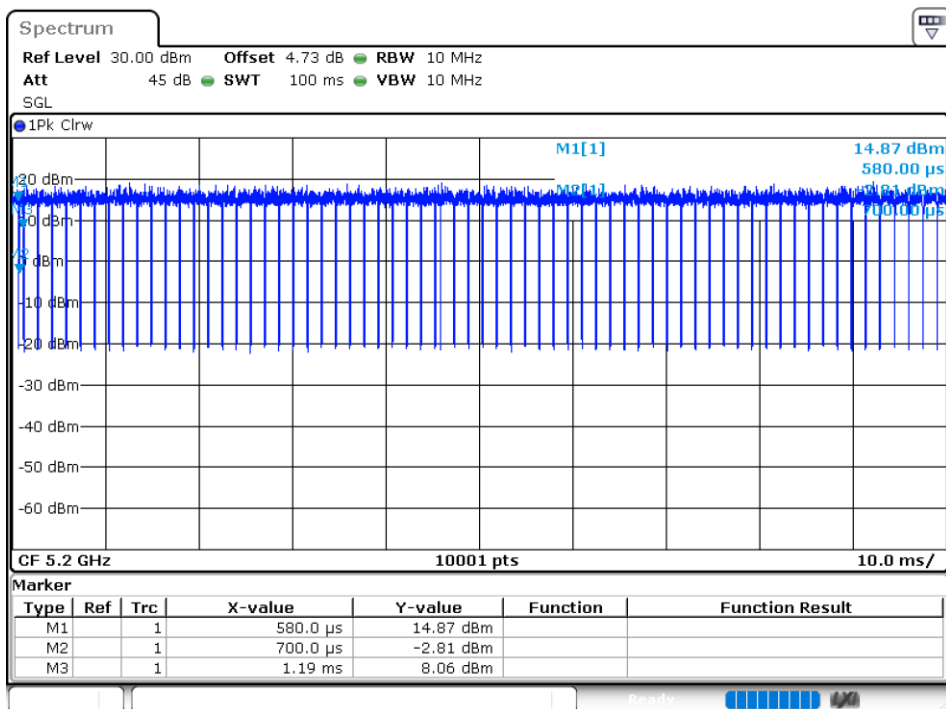
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	92.43	0.34	0.72
NVNT	a	5200	Ant1	92.3	0.35	2.04
NVNT	a	5240	Ant1	92.41	0.34	0.71
NVNT	n20	5180	Ant1	91.84	0.37	0.77
NVNT	n20	5200	Ant1	91.9	0.37	0.77
NVNT	n20	5240	Ant1	91.9	0.37	0.77
NVNT	n40	5190	Ant1	85.38	0.69	1.54
NVNT	n40	5230	Ant1	85.31	0.69	1.56
NVNT	ac20	5180	Ant1	91.92	0.37	0.76
NVNT	ac20	5200	Ant1	91.89	0.37	0.76
NVNT	ac20	5240	Ant1	91.94	0.36	0.76
NVNT	ac40	5190	Ant1	85.33	0.69	1.54
NVNT	ac40	5230	Ant1	85.35	0.69	1.54
NVNT	ac80	5210	Ant1	74.7	1.27	3.13

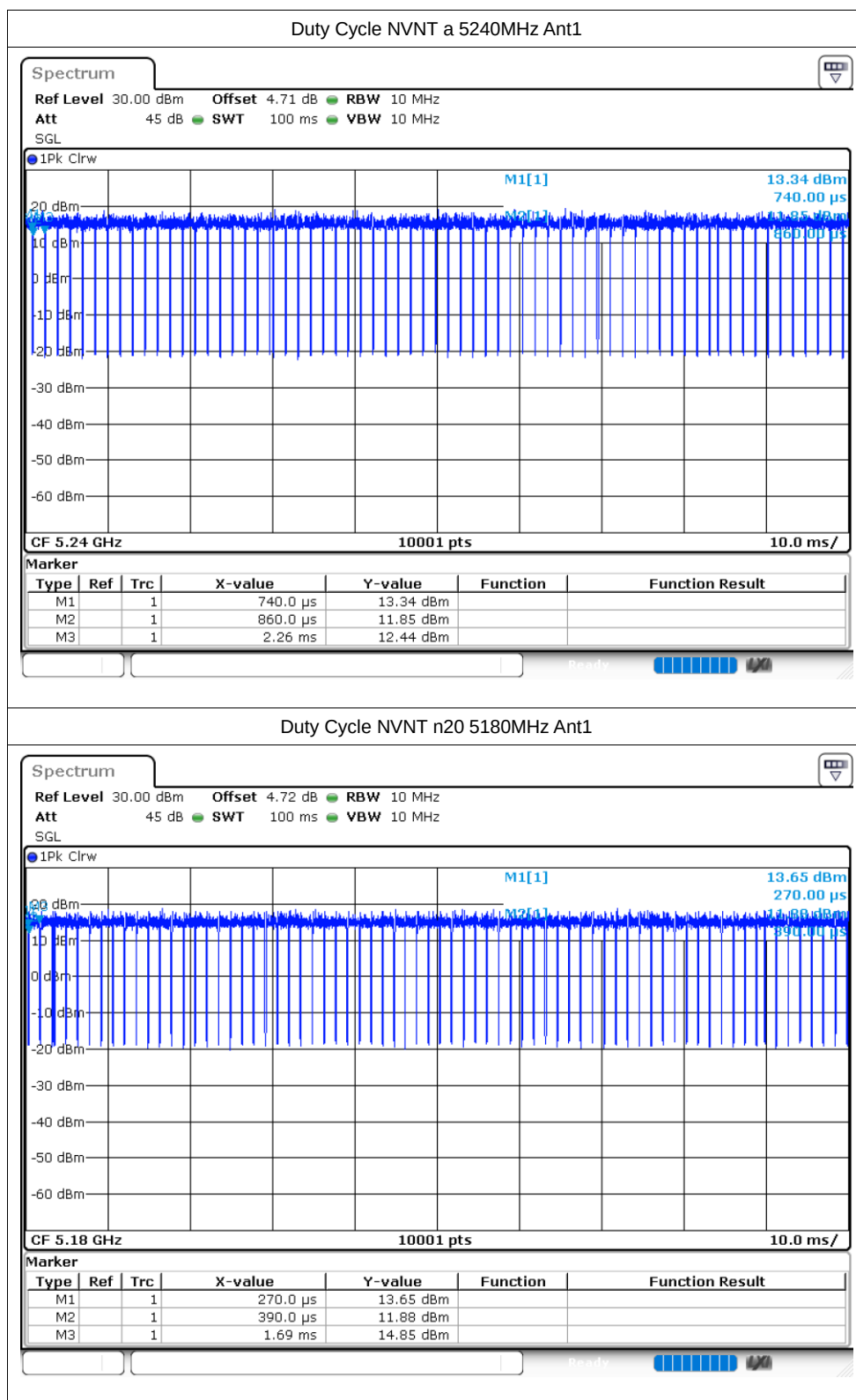
Test Graphs

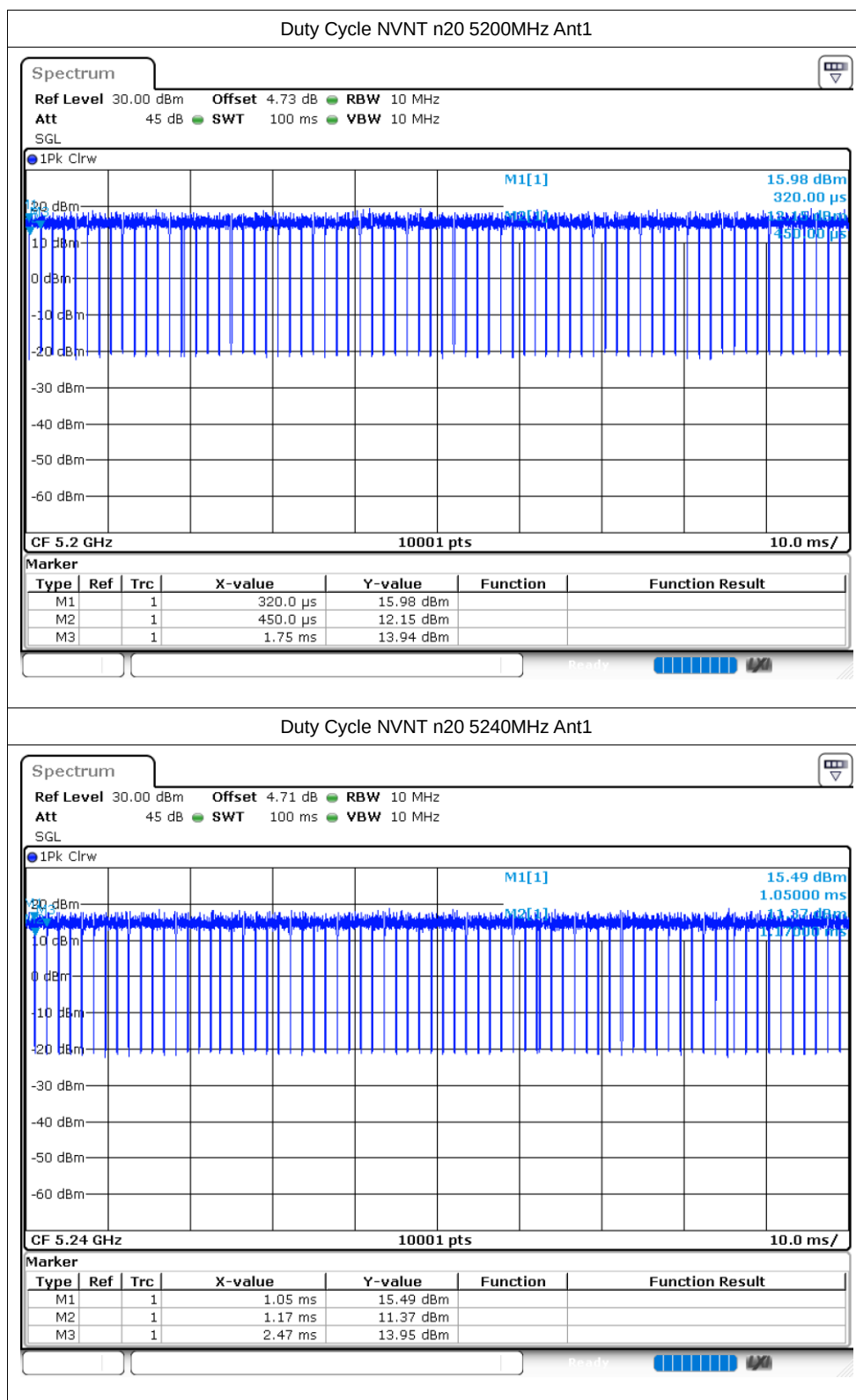
Duty Cycle NVNT a 5180MHz Ant1

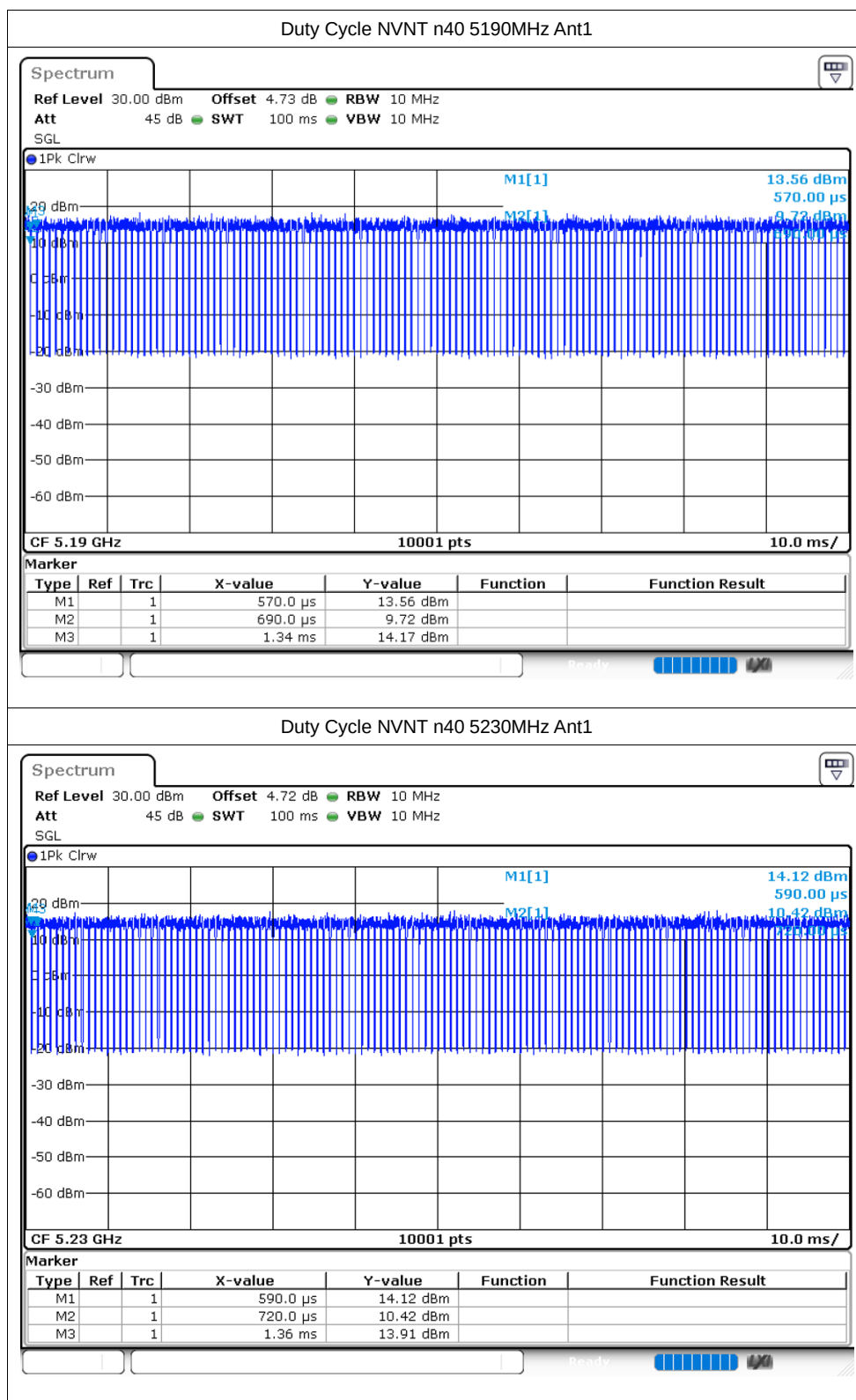


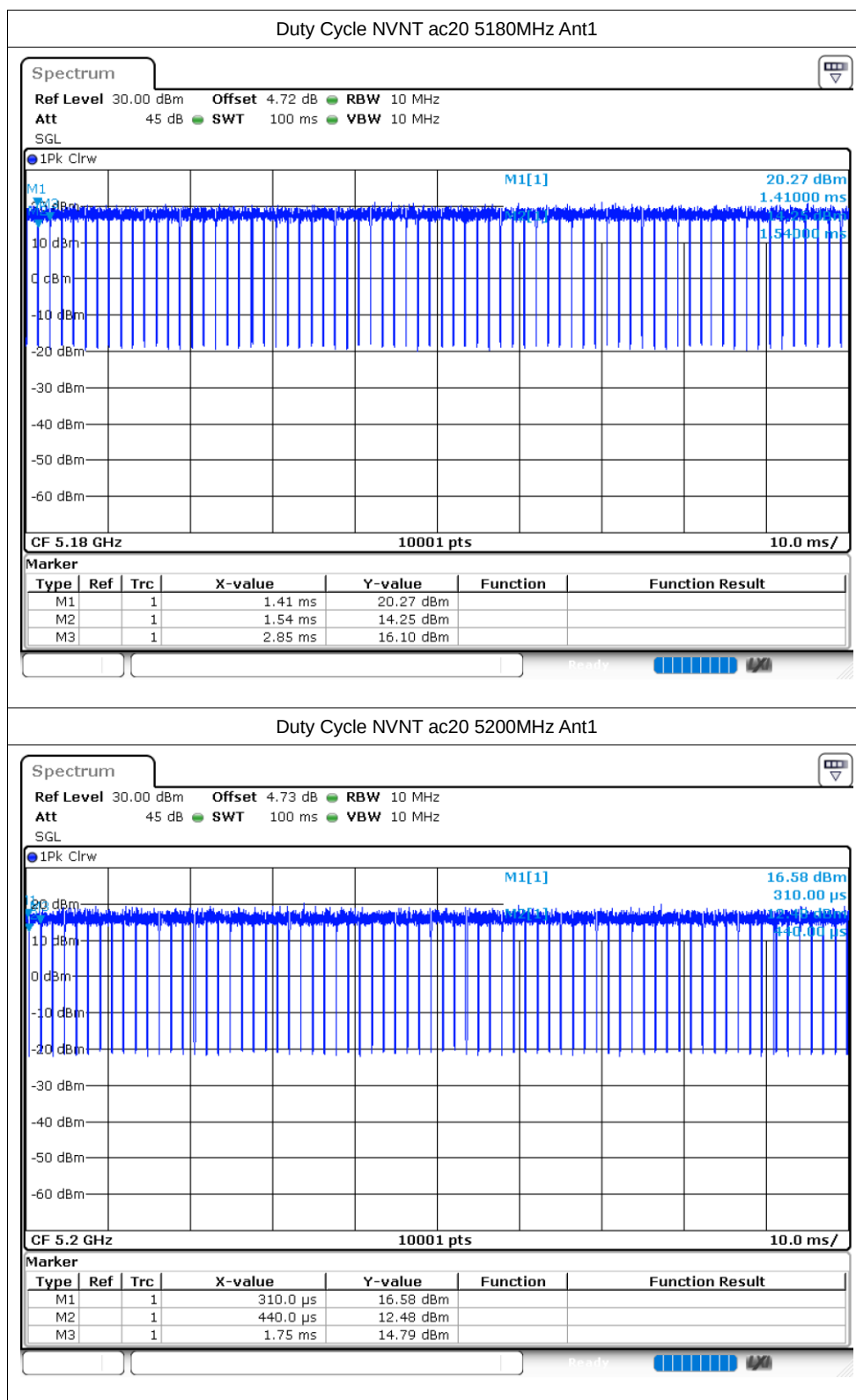
Duty Cycle NVNT a 5200MHz Ant1

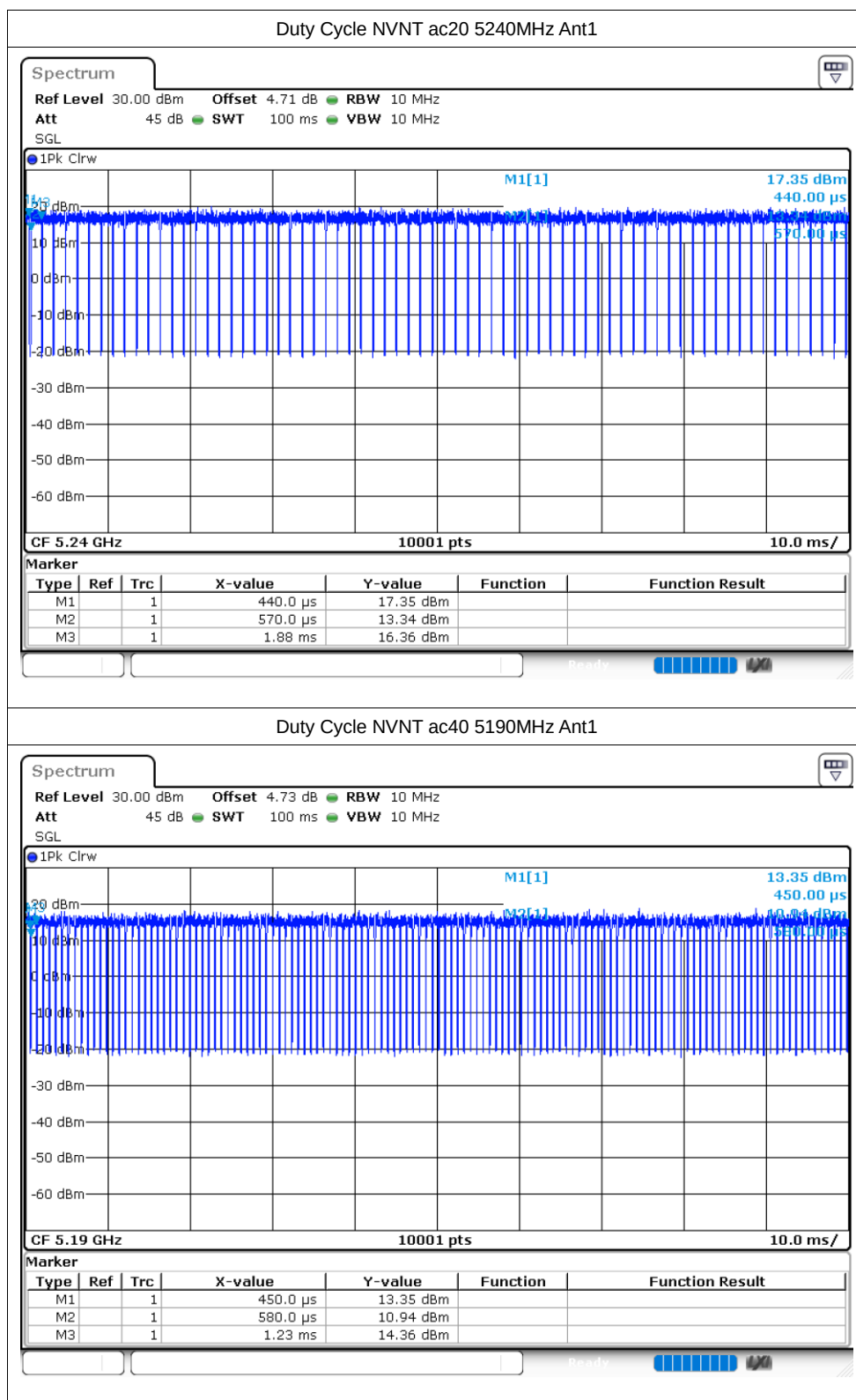


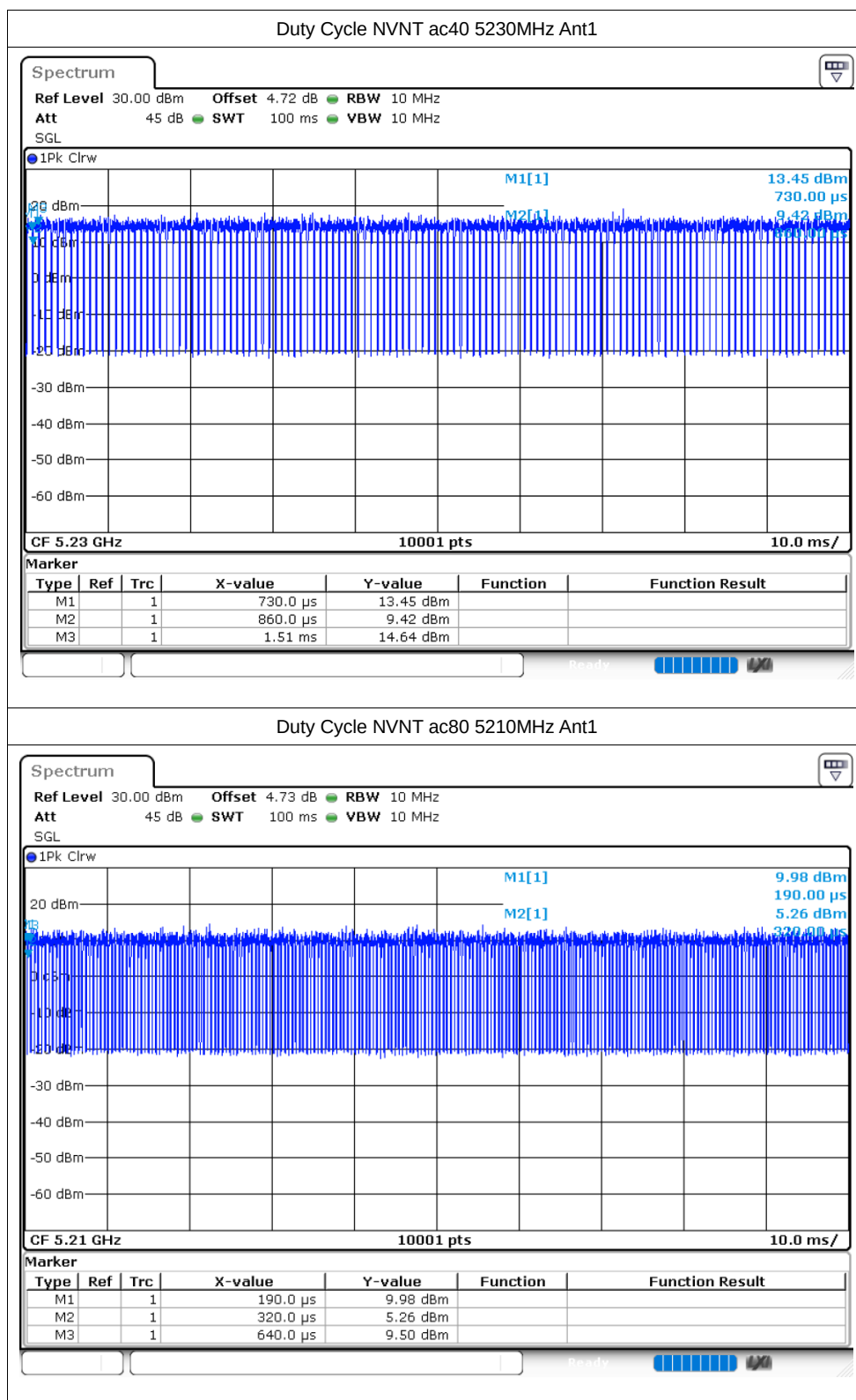












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.17	24	Pass
NVNT	a	5200	Ant1	11.55	24	Pass
NVNT	a	5240	Ant1	10.26	24	Pass
NVNT	n20	5180	Ant1	11.27	24	Pass
NVNT	n20	5200	Ant1	11.84	24	Pass
NVNT	n20	5240	Ant1	10.87	24	Pass
NVNT	n40	5190	Ant1	12.45	24	Pass
NVNT	n40	5230	Ant1	11.25	24	Pass
NVNT	ac20	5180	Ant1	12.79	24	Pass
NVNT	ac20	5200	Ant1	11.58	24	Pass
NVNT	ac20	5240	Ant1	11.29	24	Pass
NVNT	ac40	5190	Ant1	12.98	24	Pass
NVNT	ac40	5230	Ant1	11.55	24	Pass
NVNT	ac80	5210	Ant1	10.9	24	Pass

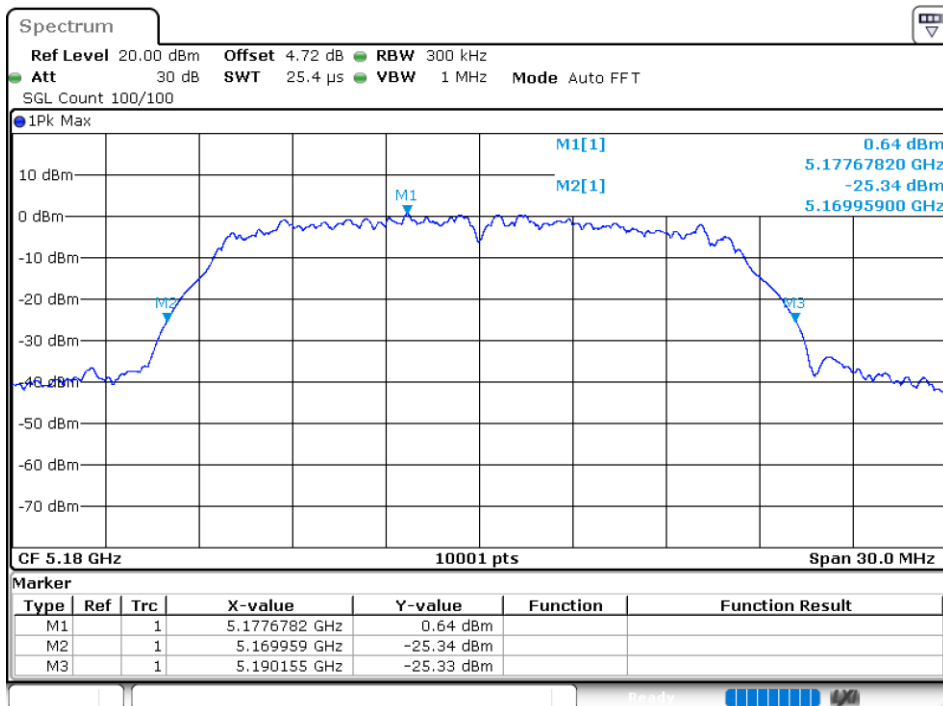
Note: The average power value already includes the duty cycle factor.

-26dB Bandwidth

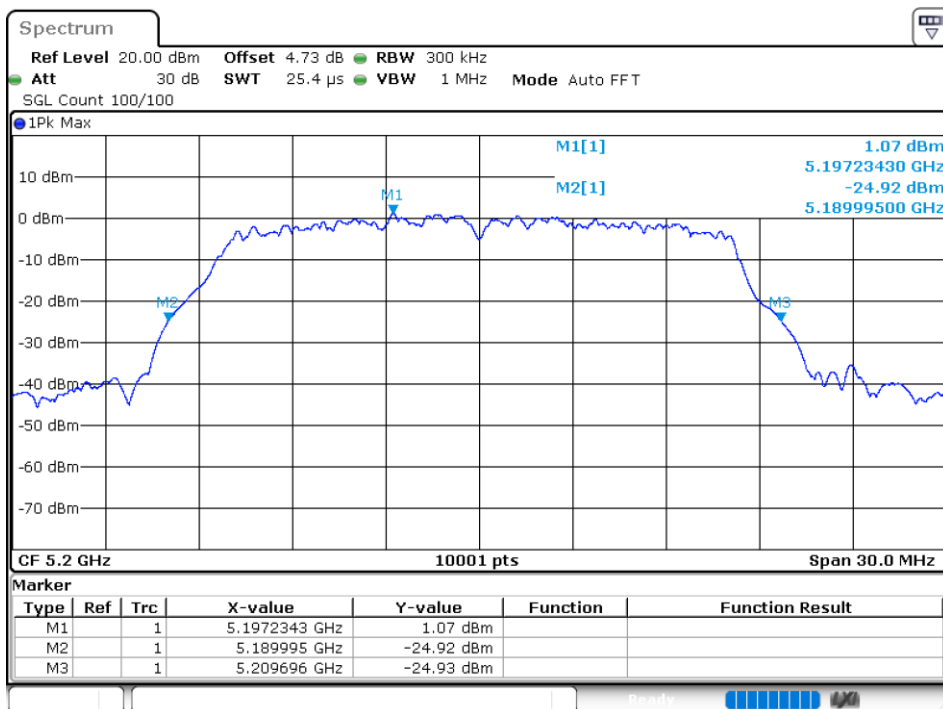
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.196	Pass
NVNT	a	5200	Ant1	19.701	Pass
NVNT	a	5240	Ant1	19.86	Pass
NVNT	n20	5180	Ant1	20.22	Pass
NVNT	n20	5200	Ant1	20.202	Pass
NVNT	n20	5240	Ant1	20.112	Pass
NVNT	n40	5190	Ant1	41.982	Pass
NVNT	n40	5230	Ant1	41.016	Pass
NVNT	ac20	5180	Ant1	20.085	Pass
NVNT	ac20	5200	Ant1	20.31	Pass
NVNT	ac20	5240	Ant1	20.322	Pass
NVNT	ac40	5190	Ant1	41.112	Pass
NVNT	ac40	5230	Ant1	40.65	Pass
NVNT	ac80	5210	Ant1	81.156	Pass

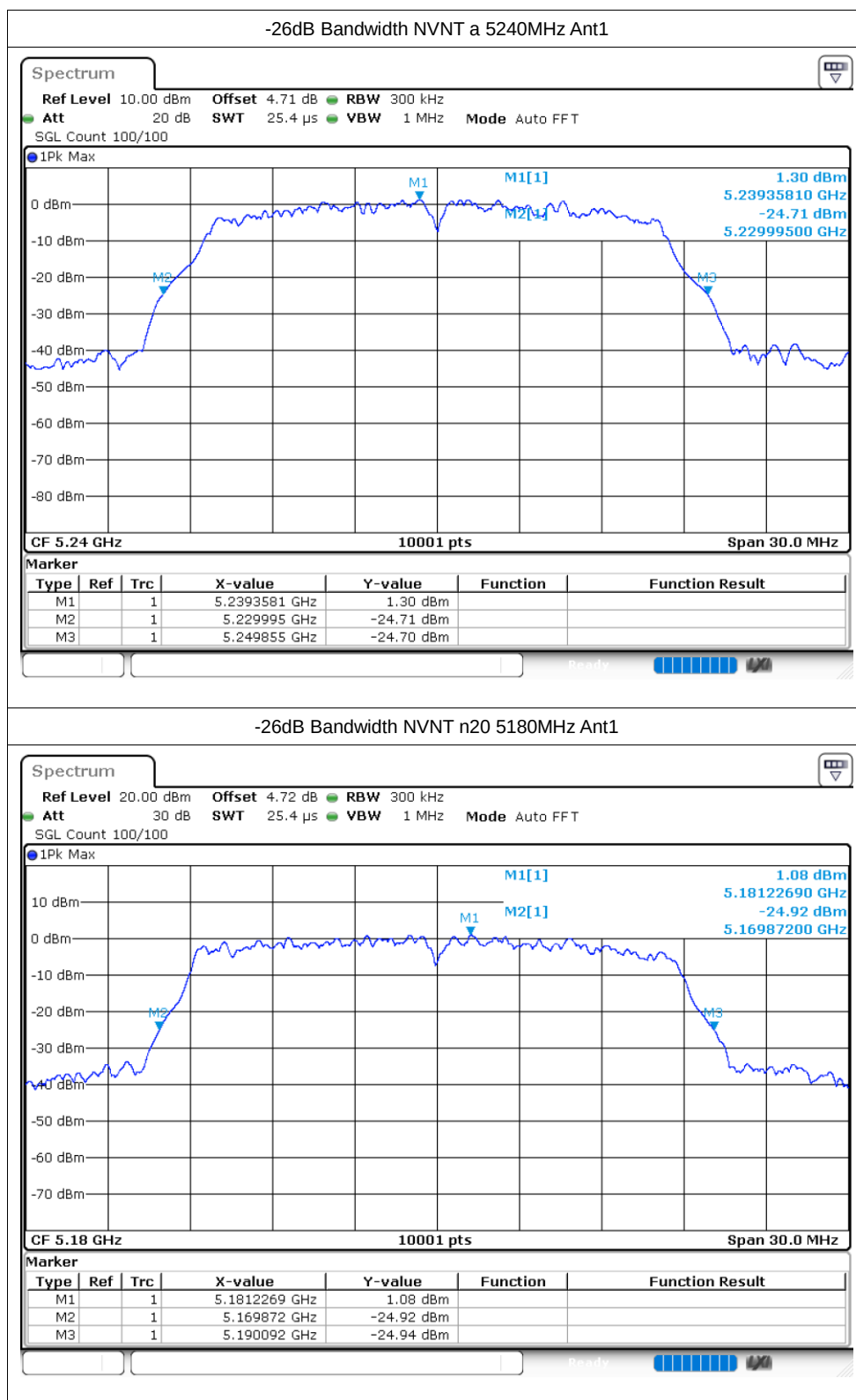
Test Graphs

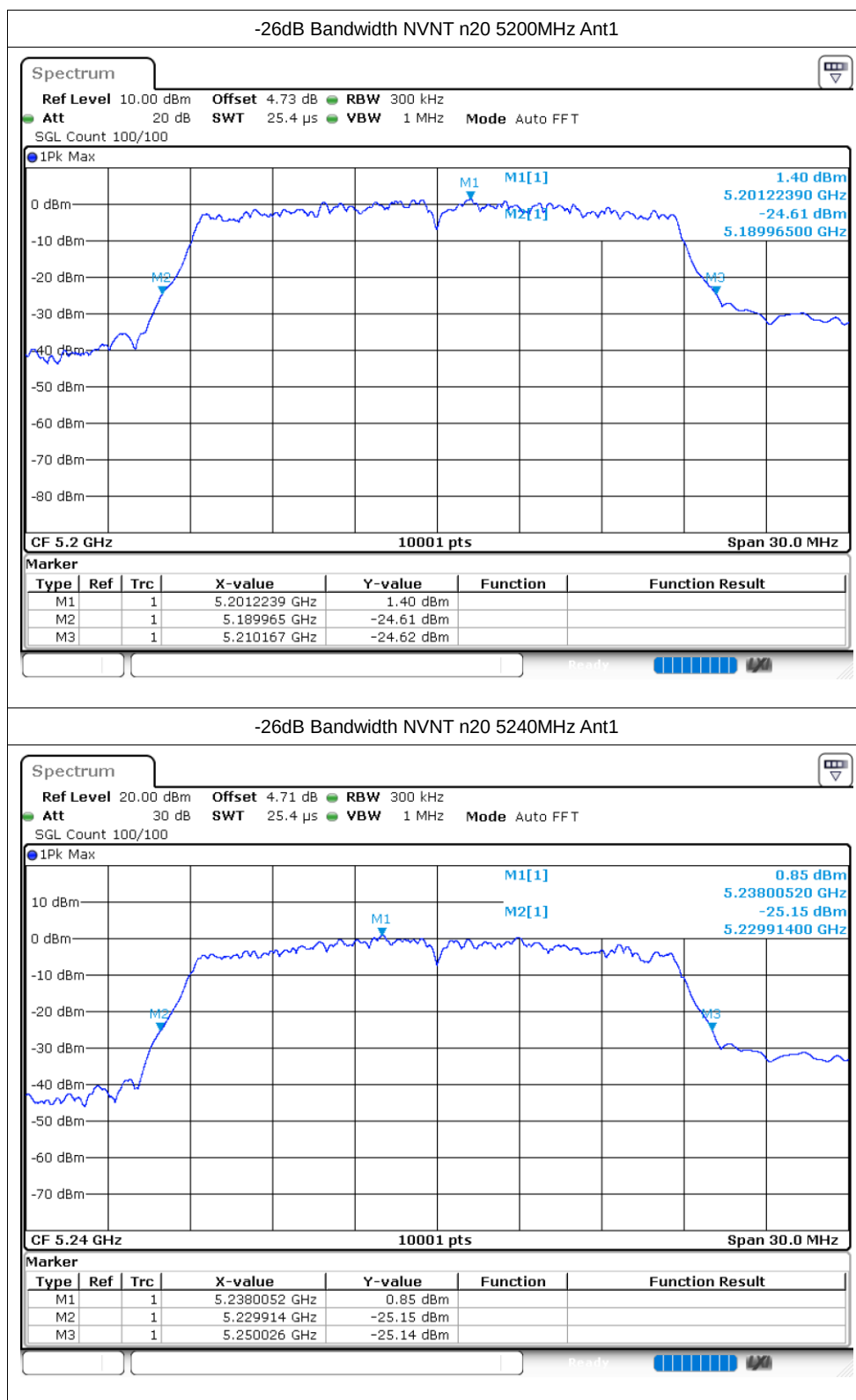
-26dB Bandwidth NVNT a 5180MHz Ant1

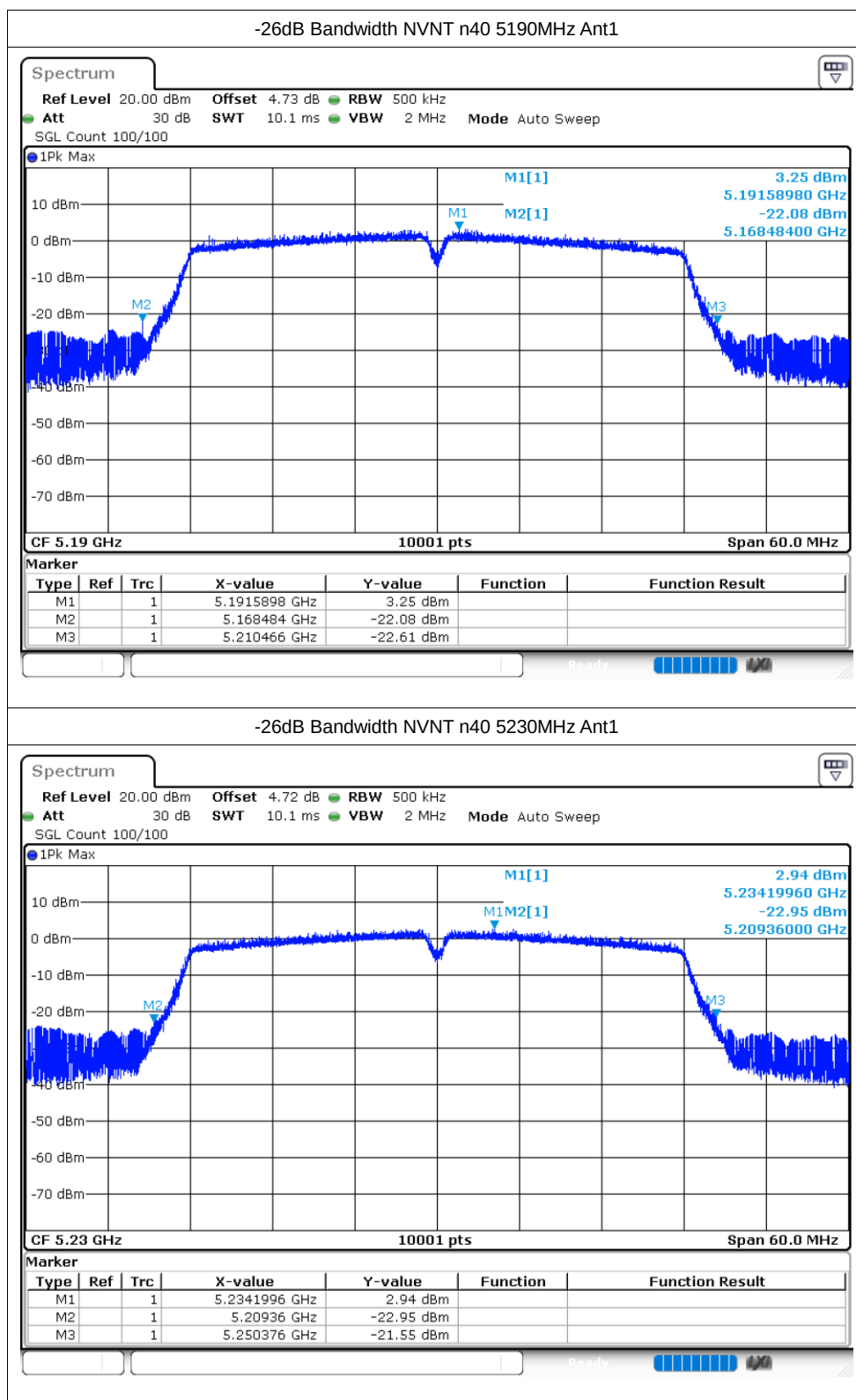


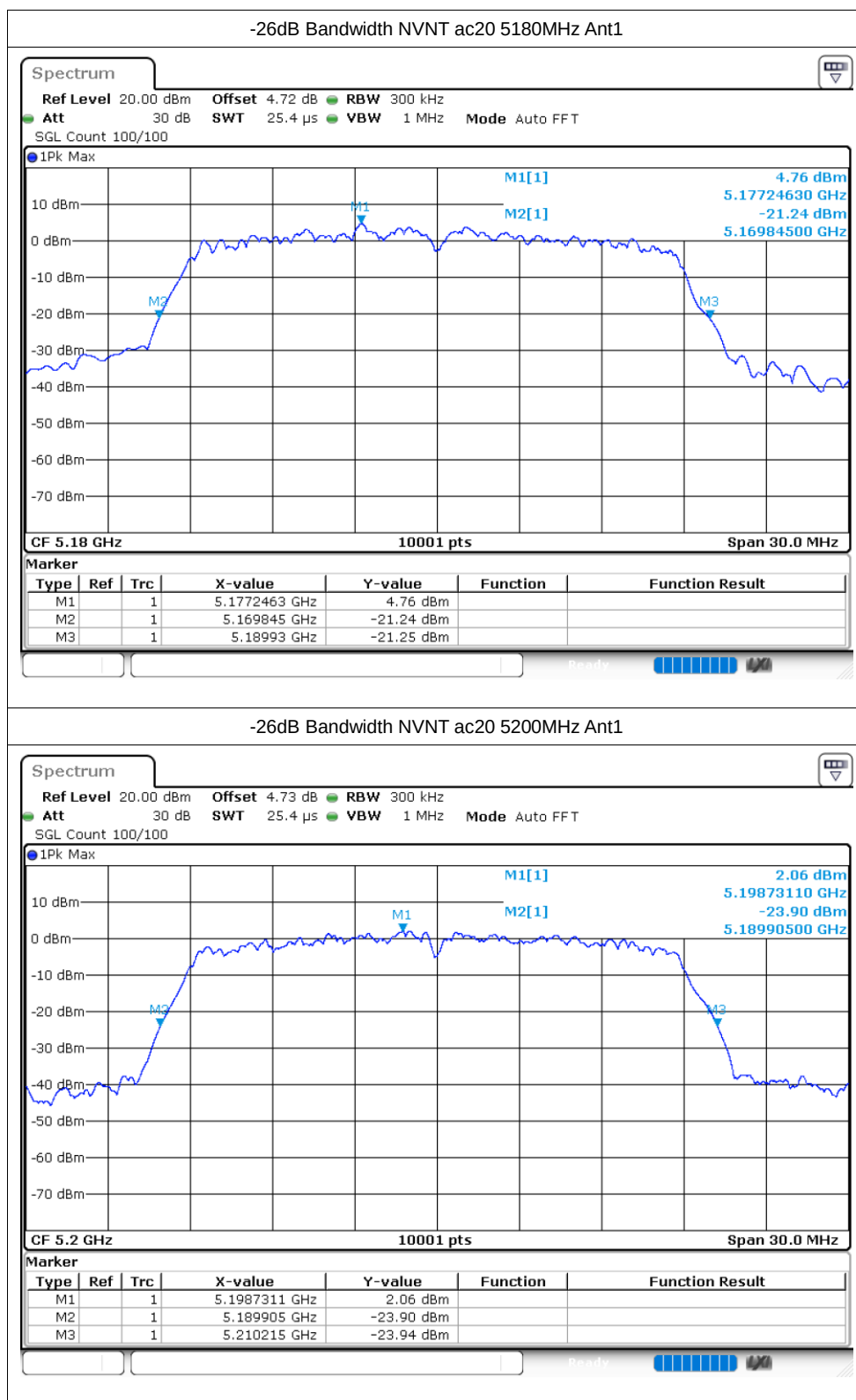
-26dB Bandwidth NVNT a 5200MHz Ant1

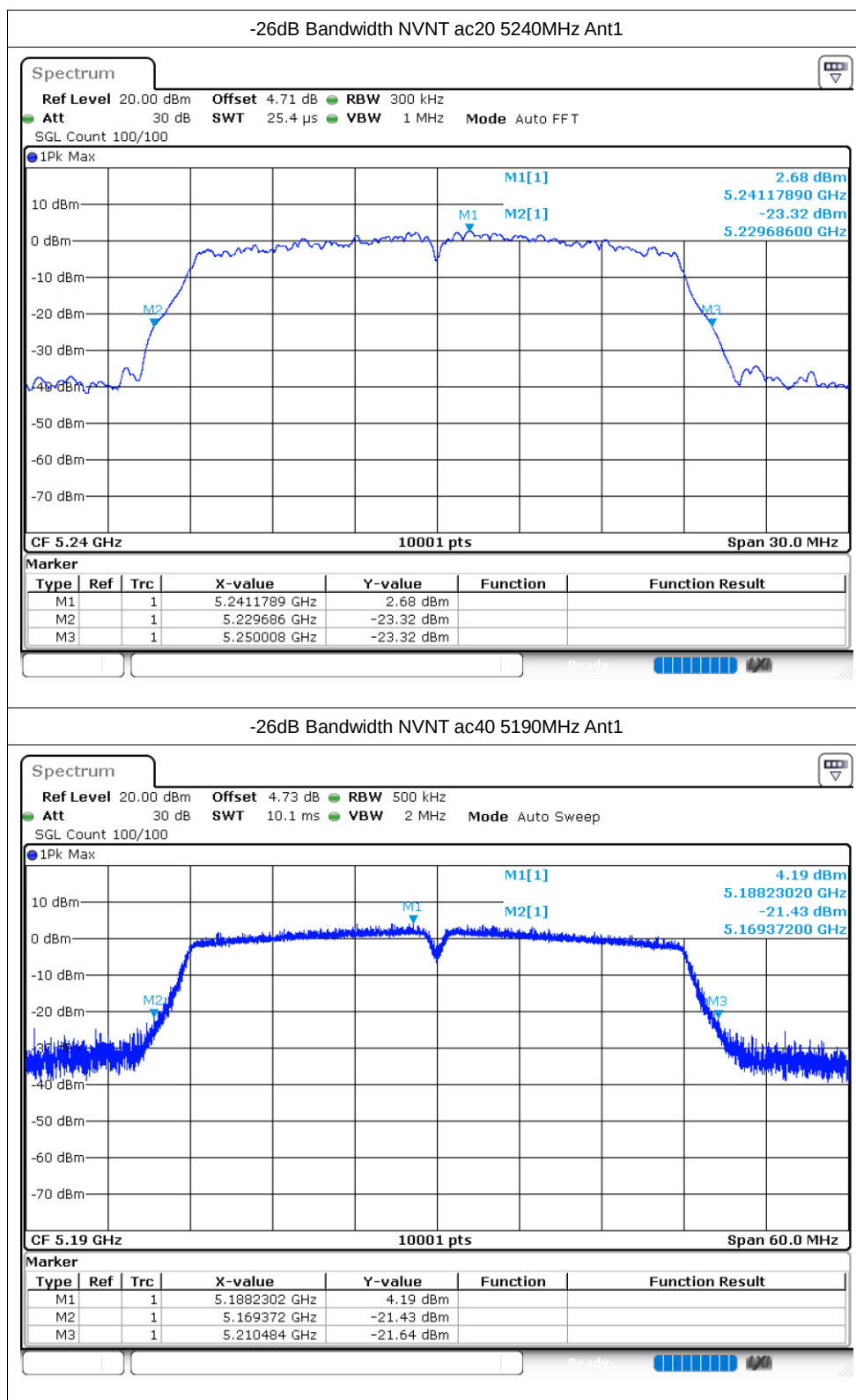


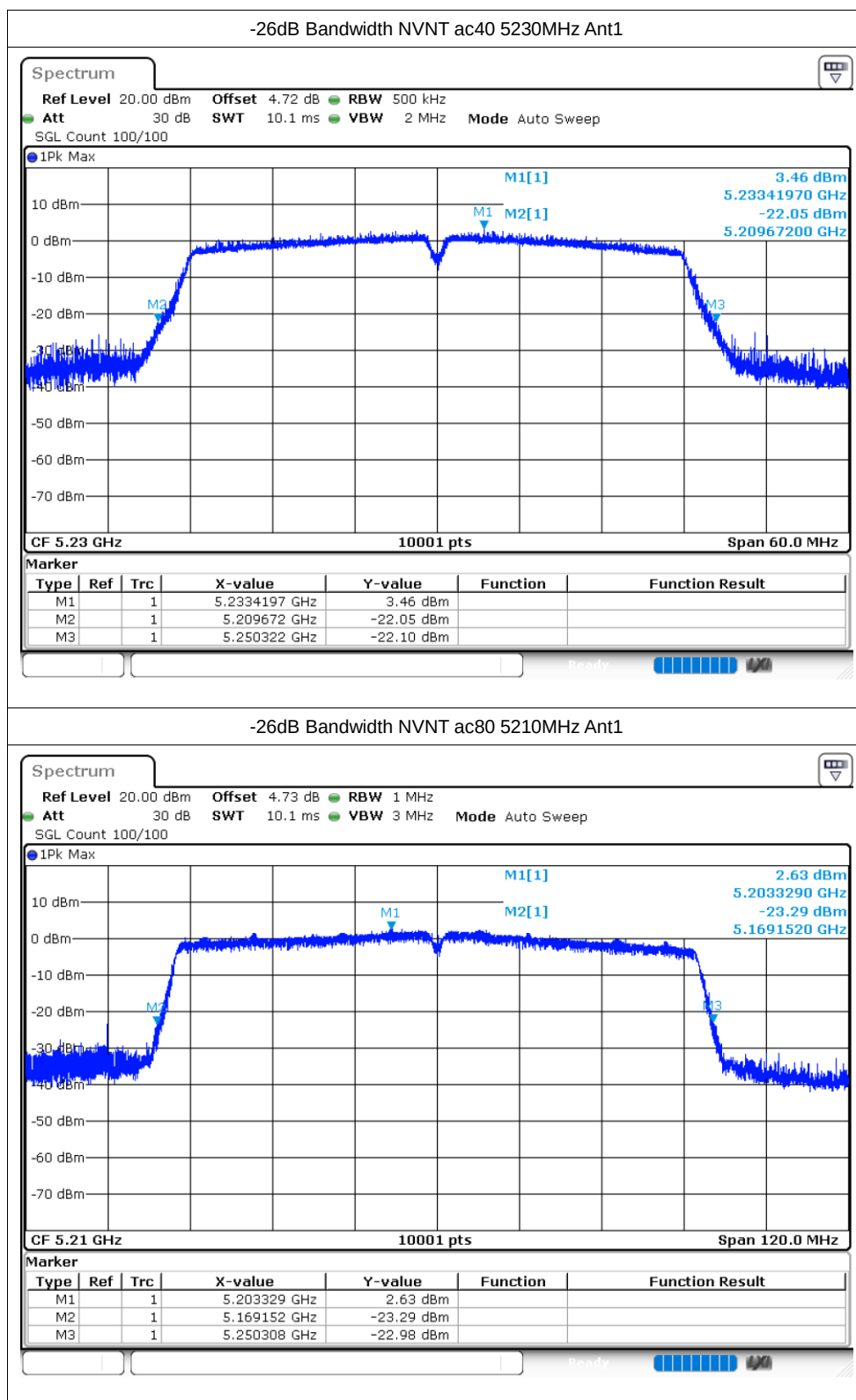










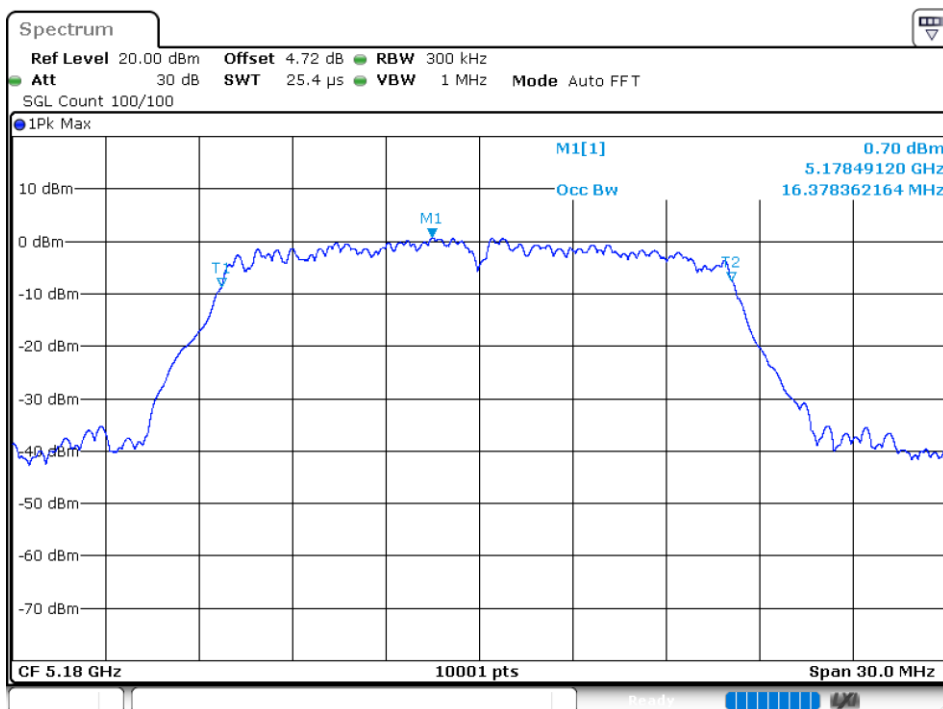


Occupied Channel Bandwidth

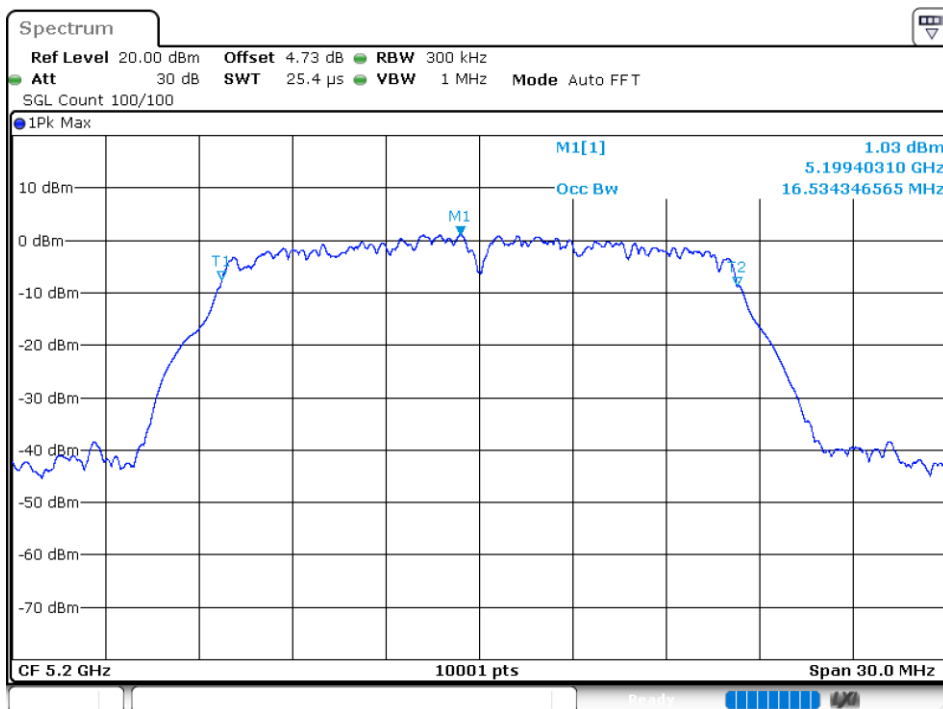
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.378
NVNT	a	5200	Ant1	16.534
NVNT	a	5240	Ant1	16.597
NVNT	n20	5180	Ant1	17.503
NVNT	n20	5200	Ant1	17.536
NVNT	n20	5240	Ant1	17.533
NVNT	n40	5190	Ant1	36.086
NVNT	n40	5230	Ant1	36.08
NVNT	ac20	5180	Ant1	17.575
NVNT	ac20	5200	Ant1	17.593
NVNT	ac20	5240	Ant1	17.641
NVNT	ac40	5190	Ant1	36.056
NVNT	ac40	5230	Ant1	36.05
NVNT	ac80	5210	Ant1	75.22

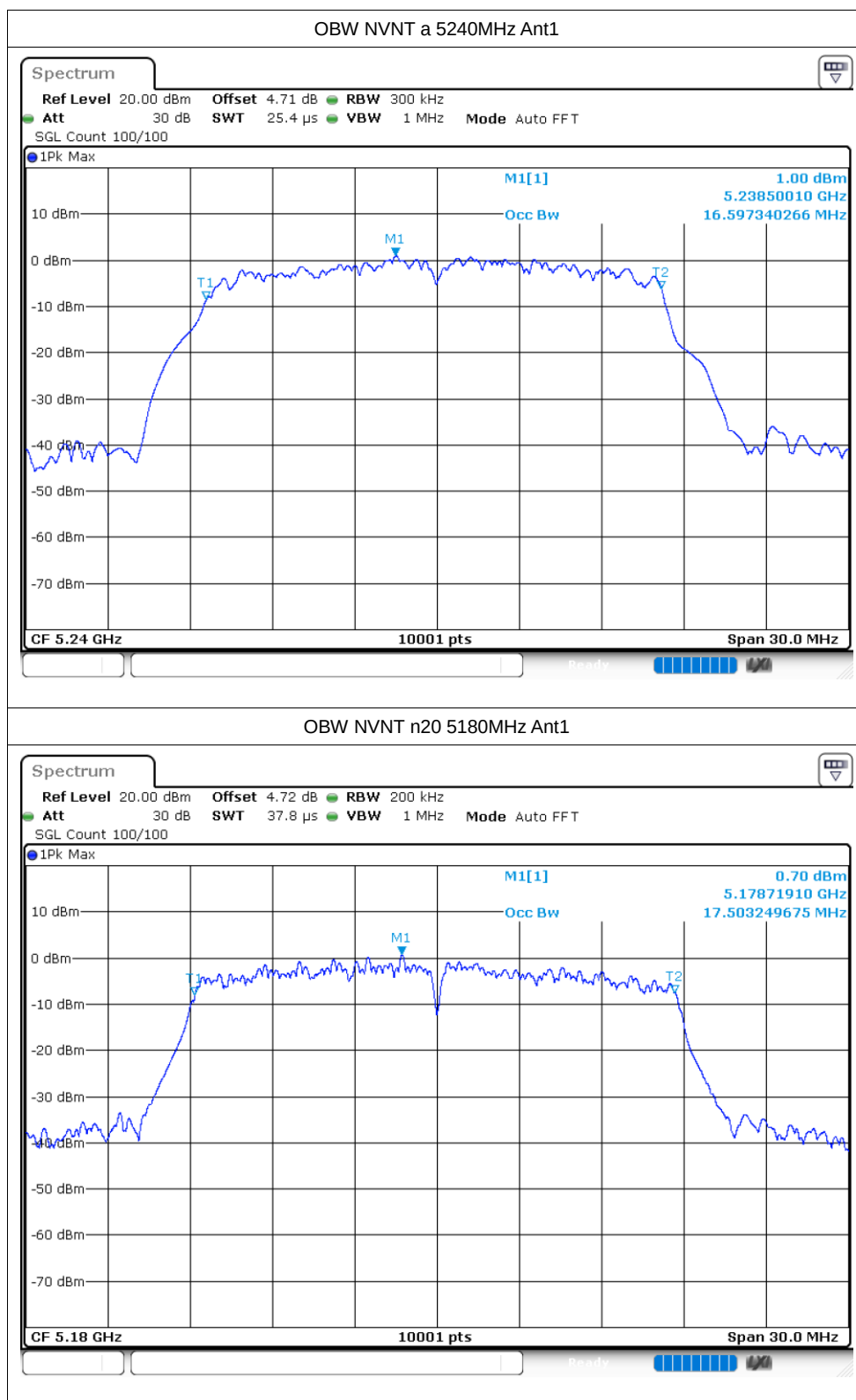
Test Graphs

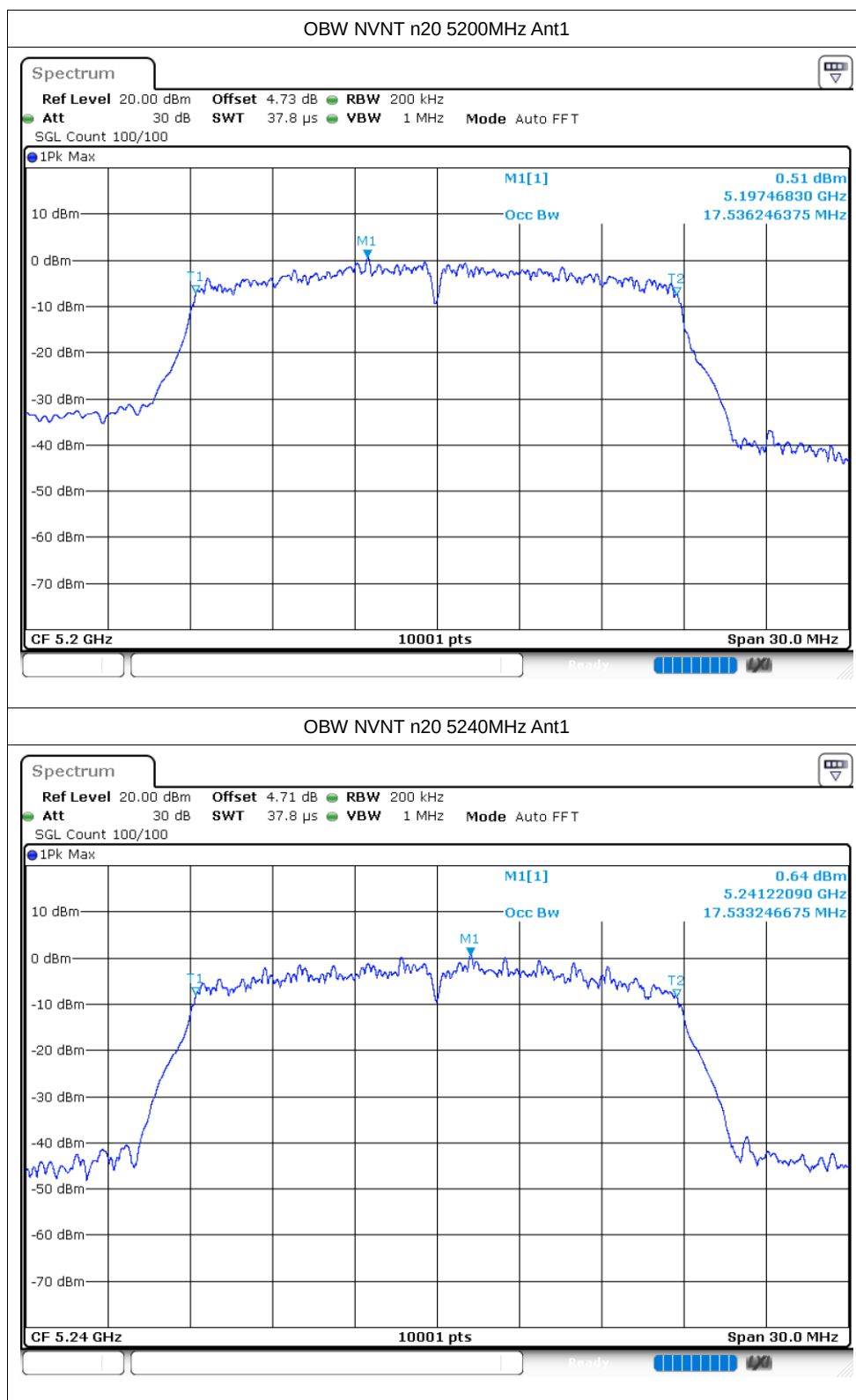
OBW NVNT a 5180MHz Ant1

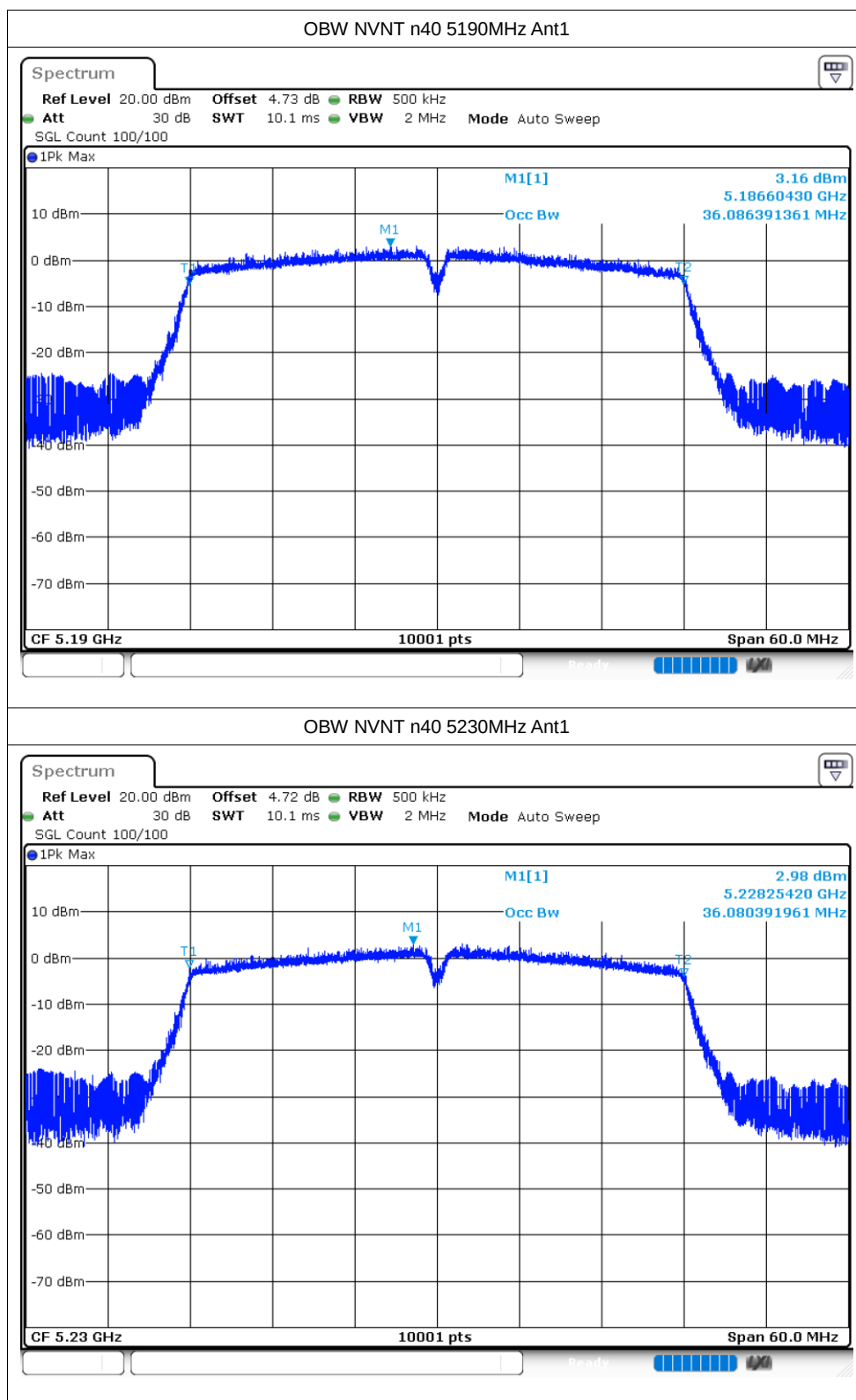


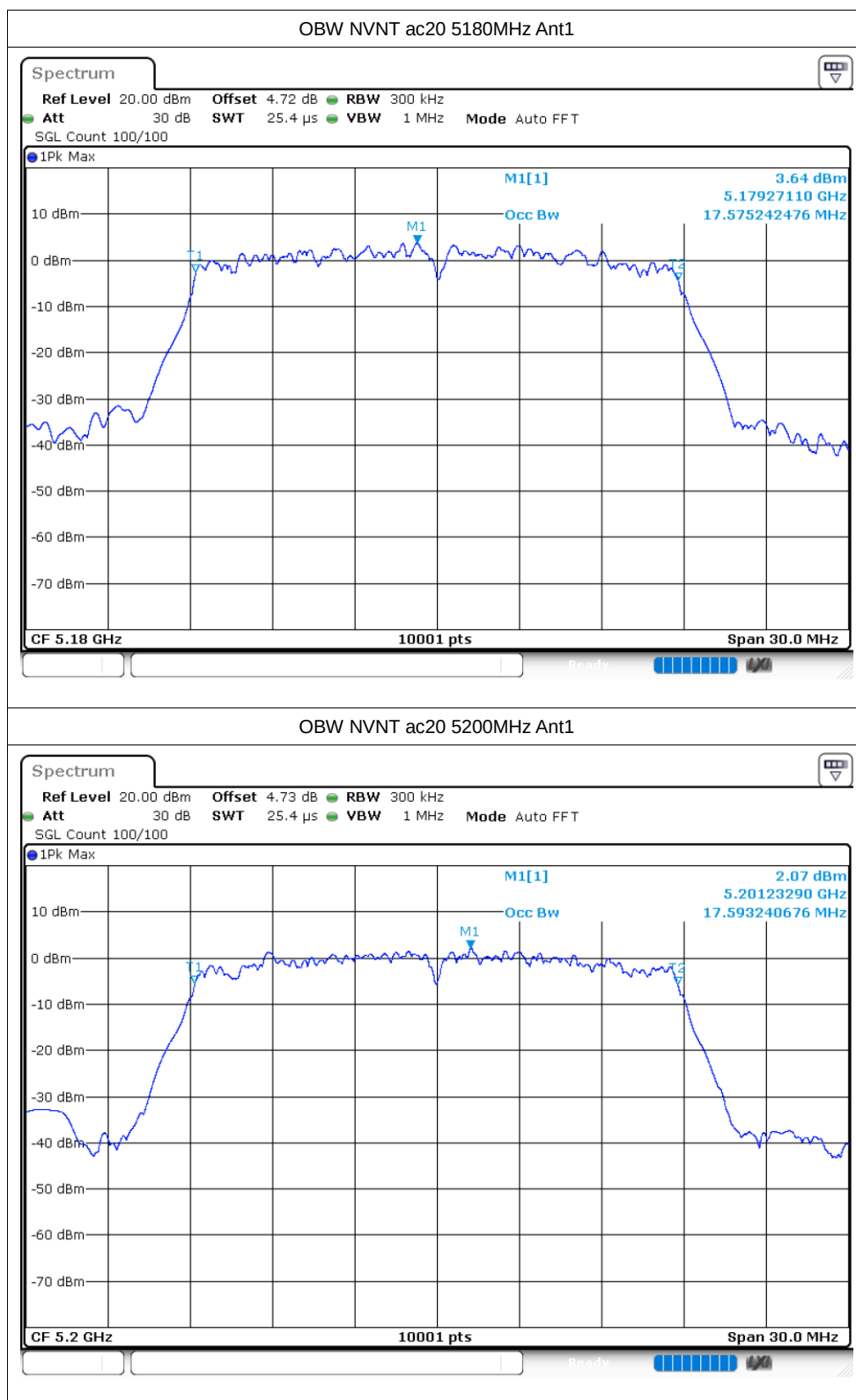
OBW NVNT a 5200MHz Ant1

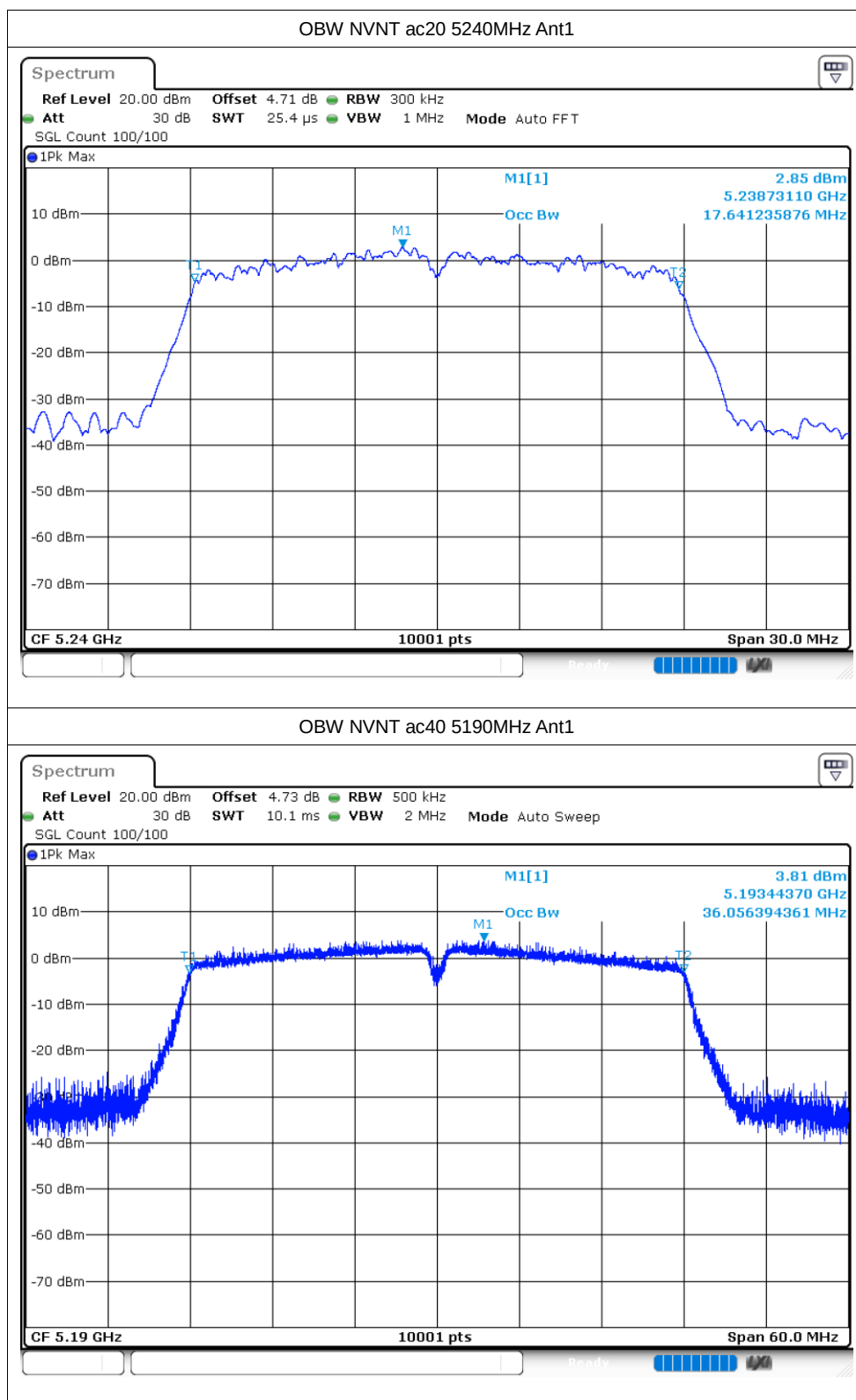


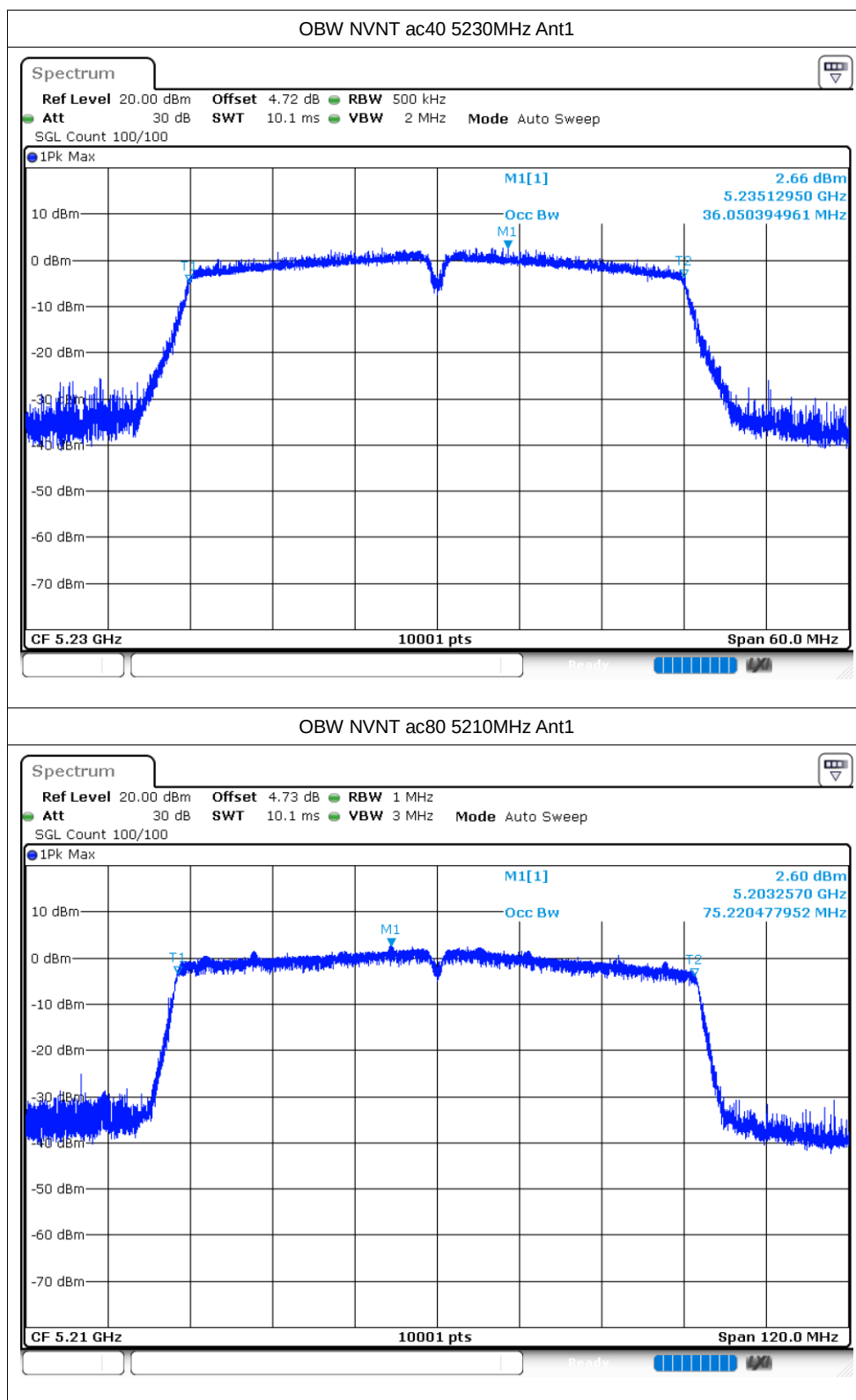






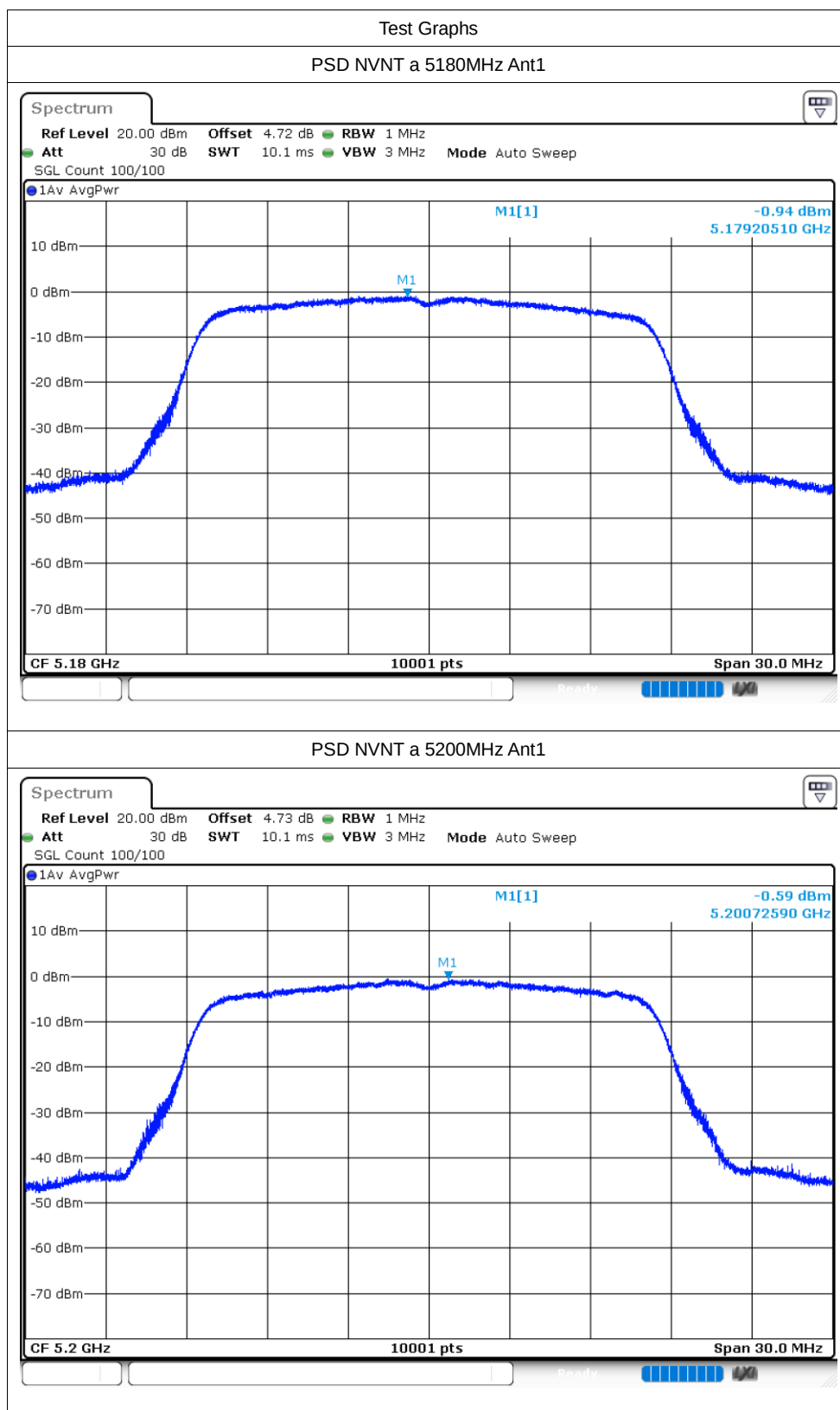


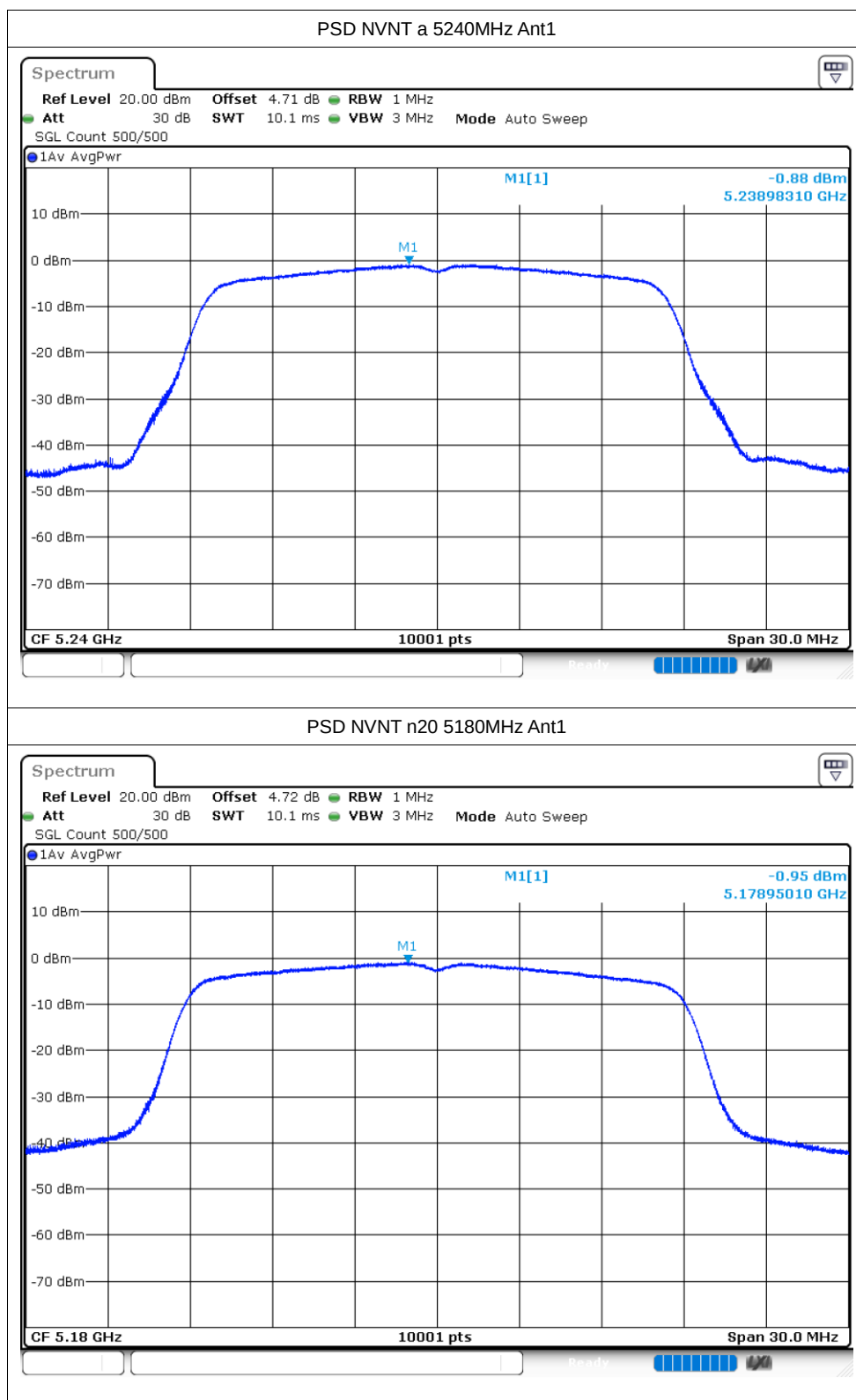


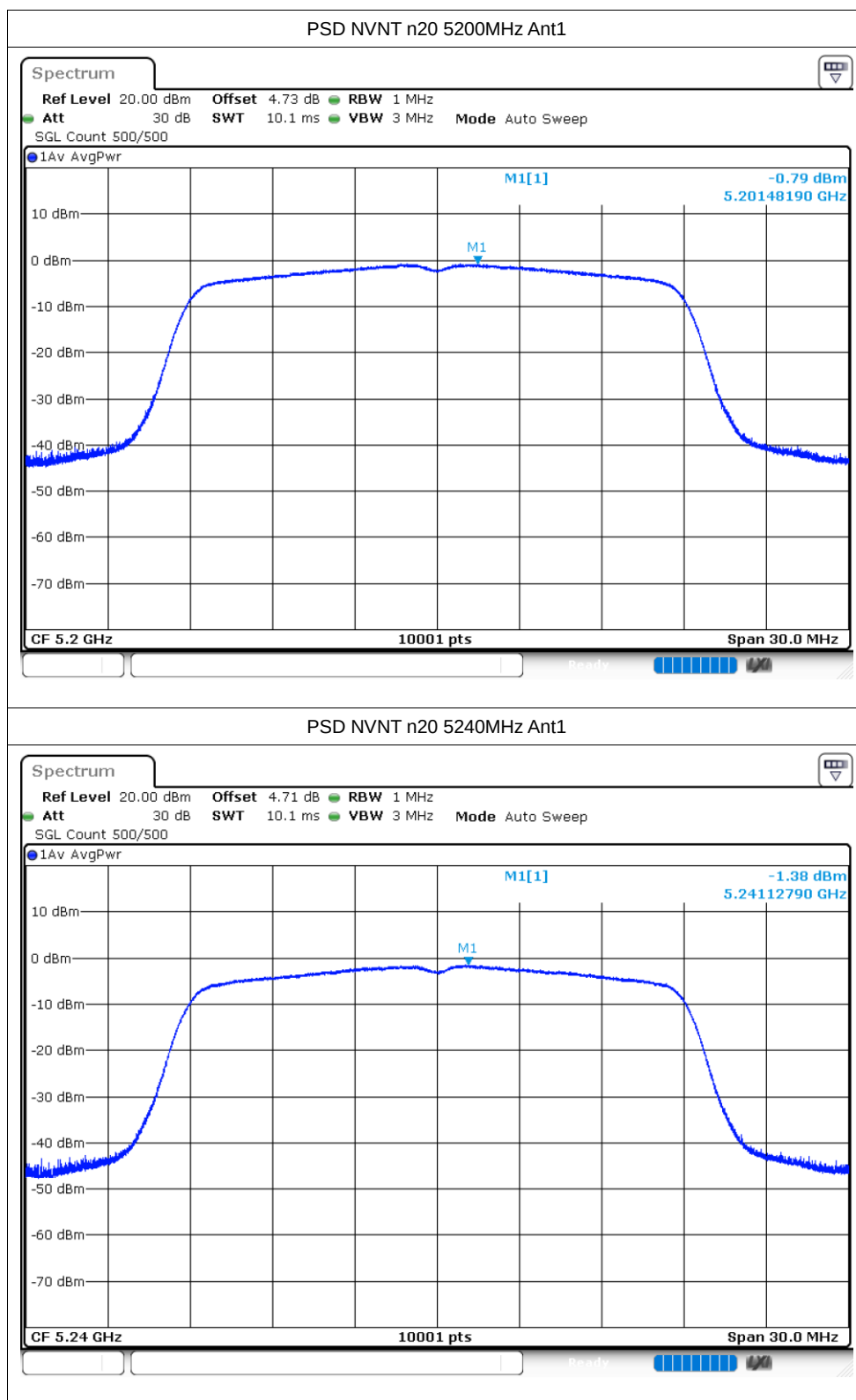


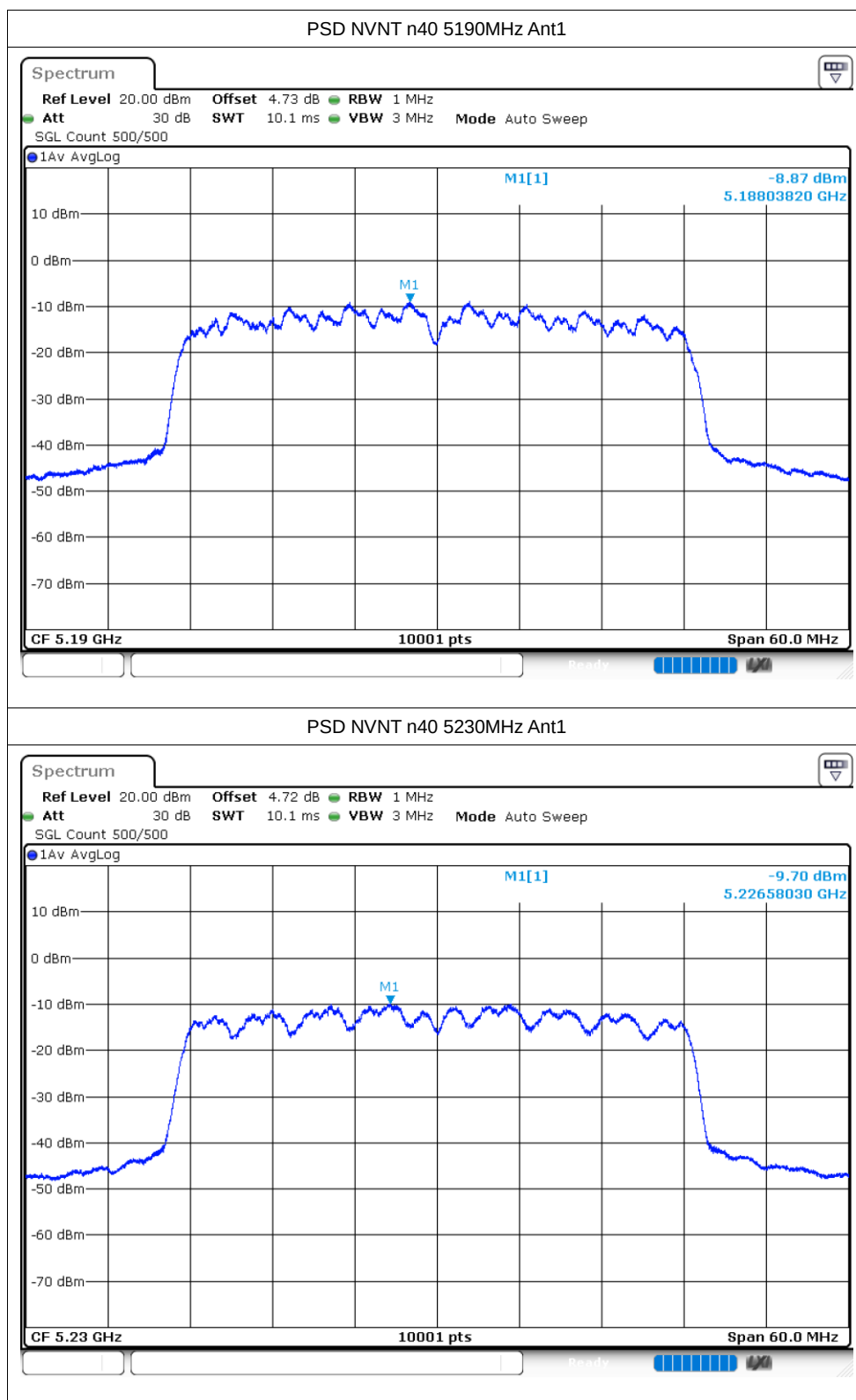
Maximum Power Spectral Density Level

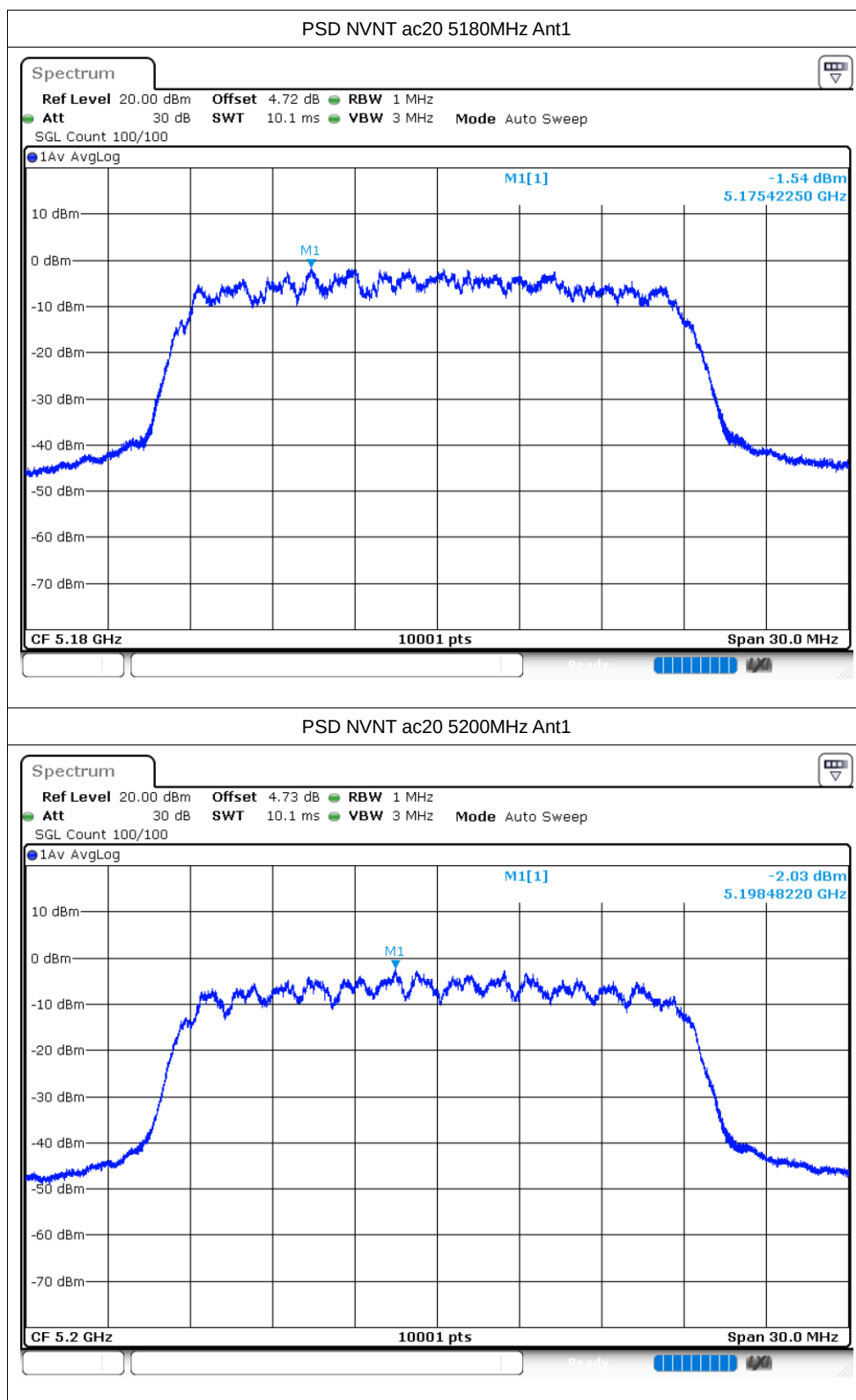
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-0.94	0.34	-0.6	11	Pass
NVNT	a	5200	Ant1	-0.59	0.35	-0.24	11	Pass
NVNT	a	5240	Ant1	-0.88	0.34	-0.54	11	Pass
NVNT	n20	5180	Ant1	-0.95	0.37	-0.58	11	Pass
NVNT	n20	5200	Ant1	-0.79	0.37	-0.42	11	Pass
NVNT	n20	5240	Ant1	-1.38	0.37	-1.01	11	Pass
NVNT	n40	5190	Ant1	-8.87	0.69	-8.18	11	Pass
NVNT	n40	5230	Ant1	-9.7	0.69	-9.01	11	Pass
NVNT	ac20	5180	Ant1	-1.54	0.37	-1.17	11	Pass
NVNT	ac20	5200	Ant1	-2.03	0.37	-1.66	11	Pass
NVNT	ac20	5240	Ant1	-2.31	0.36	-1.95	11	Pass
NVNT	ac40	5190	Ant1	-7.86	0.69	-7.17	11	Pass
NVNT	ac40	5230	Ant1	-8.89	0.69	-8.2	11	Pass
NVNT	ac80	5210	Ant1	-16.31	1.27	-15.04	11	Pass

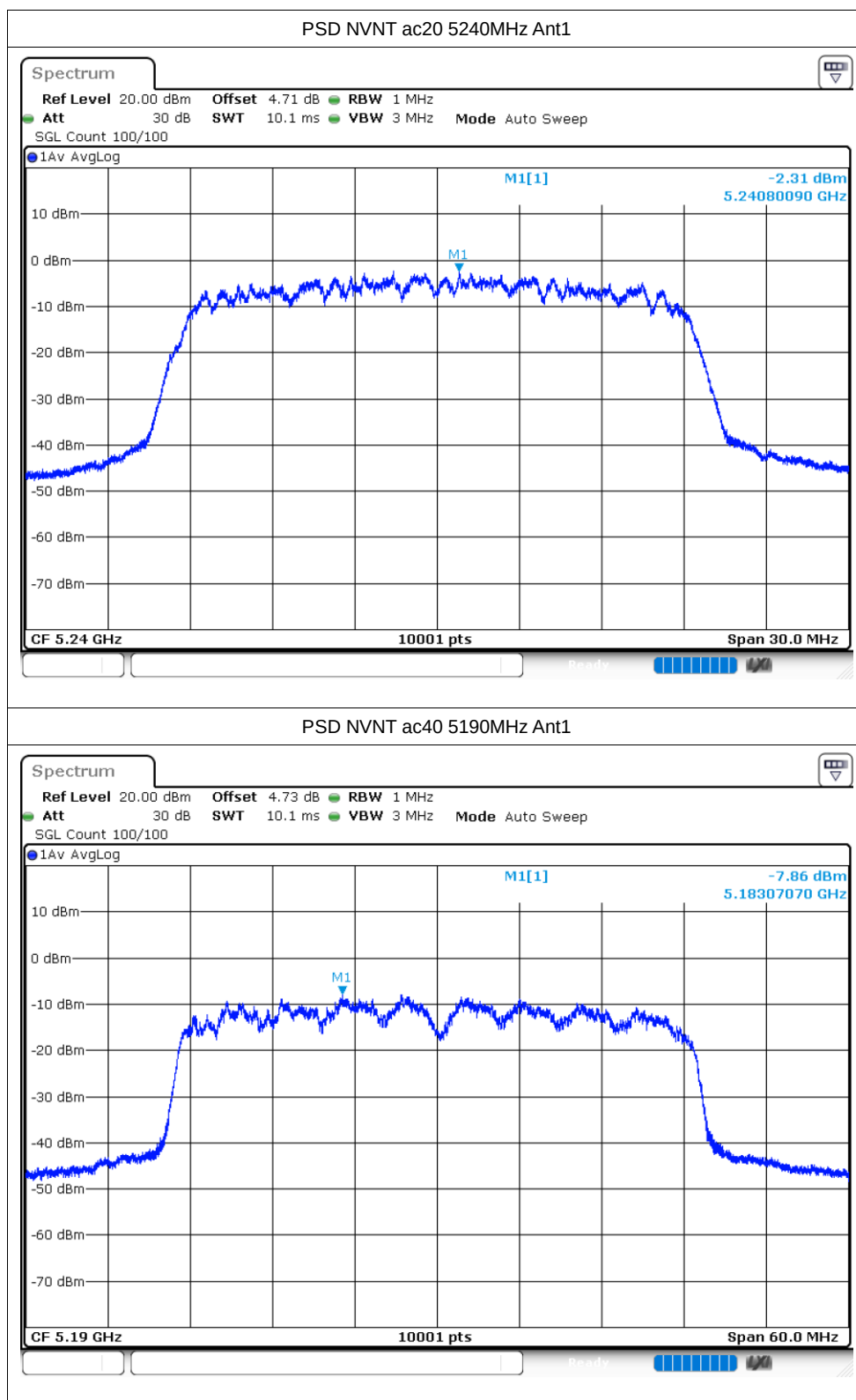


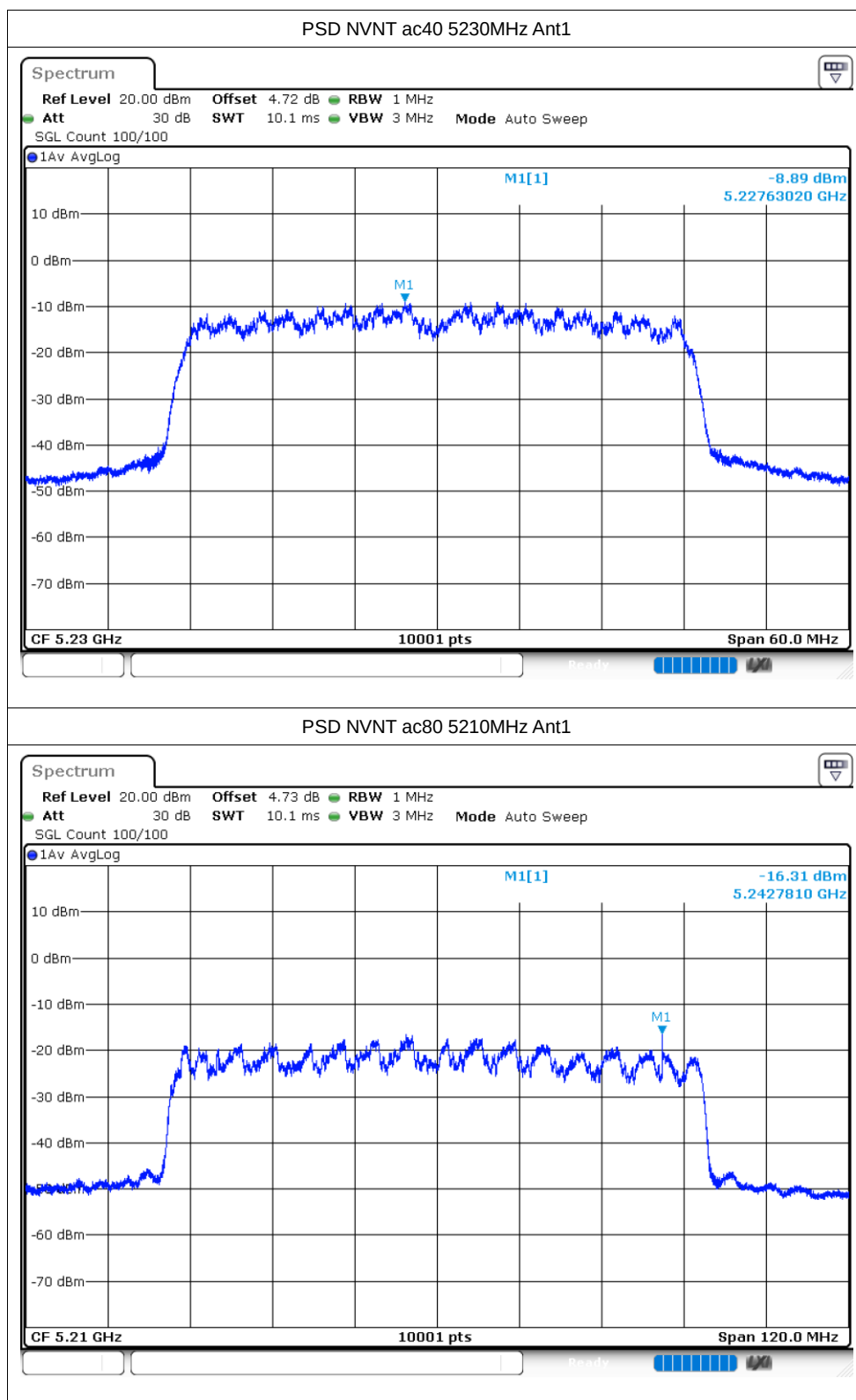










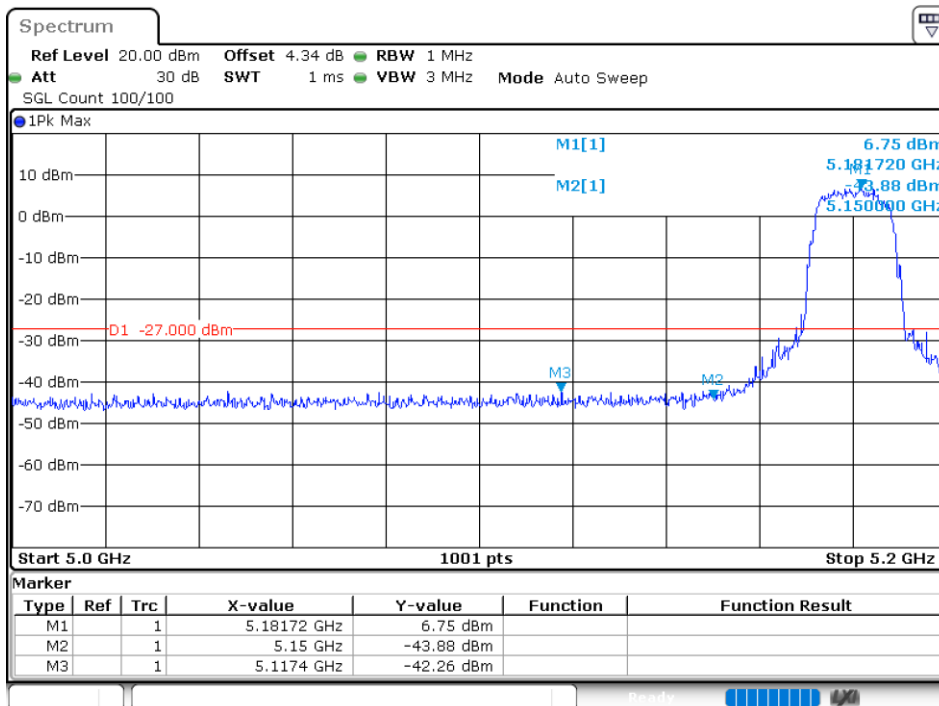


Band Edge

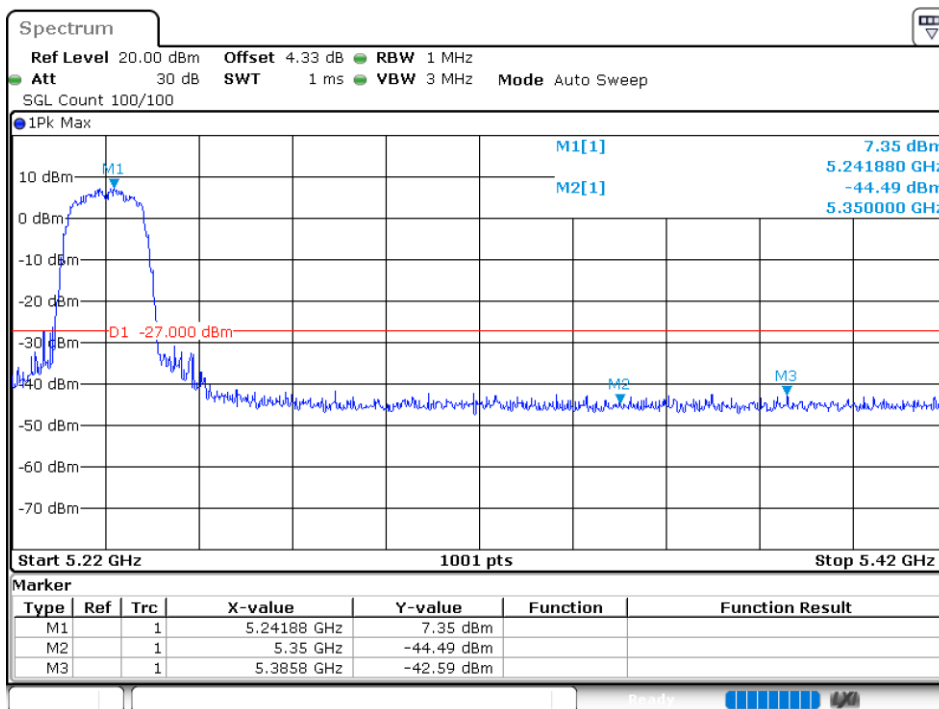
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-42.26	-27	Pass
NVNT	a	5240	Ant1	-42.59	-27	Pass
NVNT	n20	5180	Ant1	-32.99	-27	Pass
NVNT	n20	5240	Ant1	-42.71	-27	Pass
NVNT	n40	5190	Ant1	-32.1	-27	Pass
NVNT	n40	5230	Ant1	-42.2	-27	Pass
NVNT	ac20	5180	Ant1	-34.05	-27	Pass
NVNT	ac20	5240	Ant1	-41.87	-27	Pass
NVNT	ac40	5190	Ant1	-31.11	-27	Pass
NVNT	ac40	5230	Ant1	-41.7	-27	Pass
NVNT	ac80	5210	Ant1	-41.86	-27	Pass
NVNT	ac80	5210	Ant1	-32.24	-27	Pass

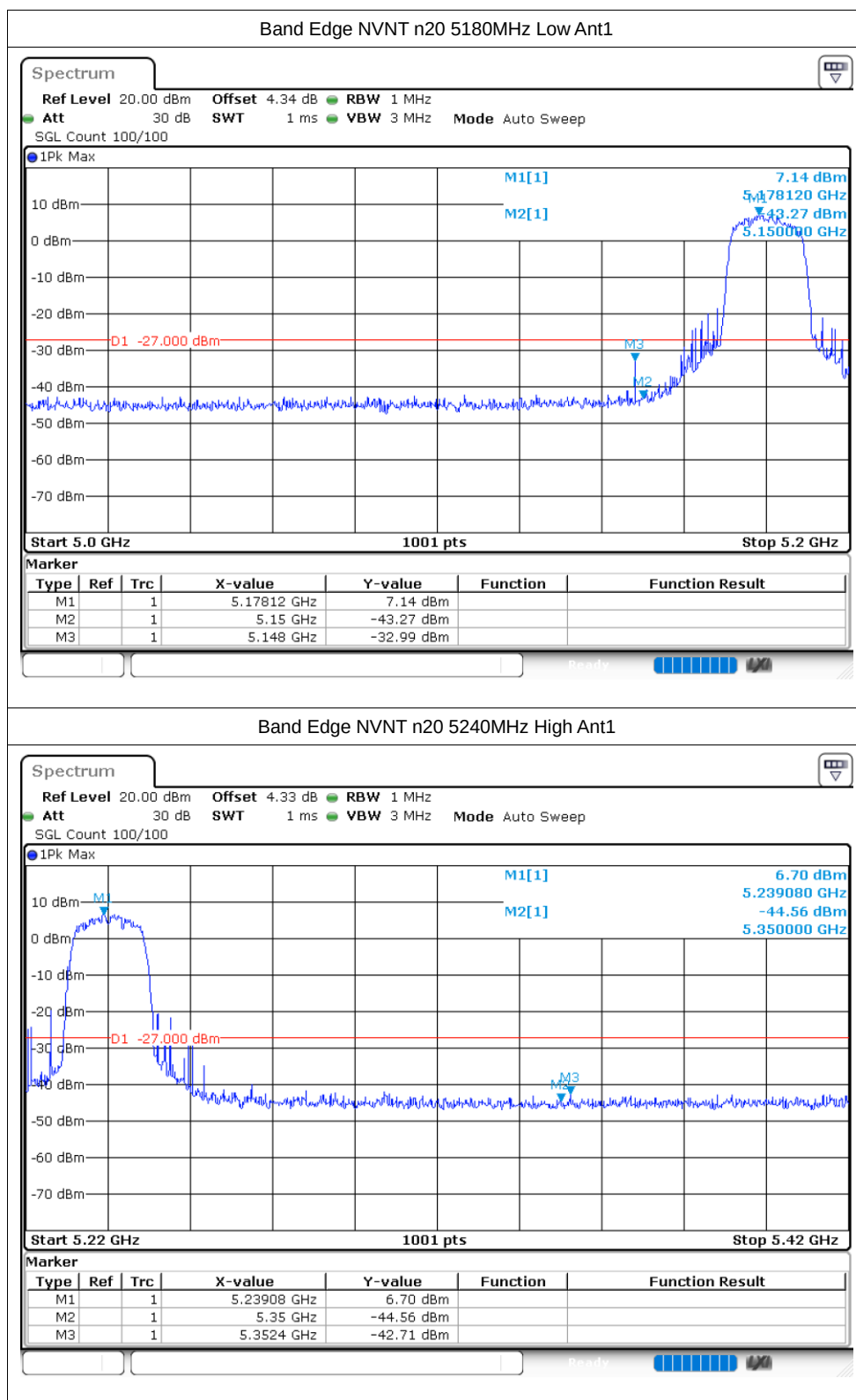
Test Graphs

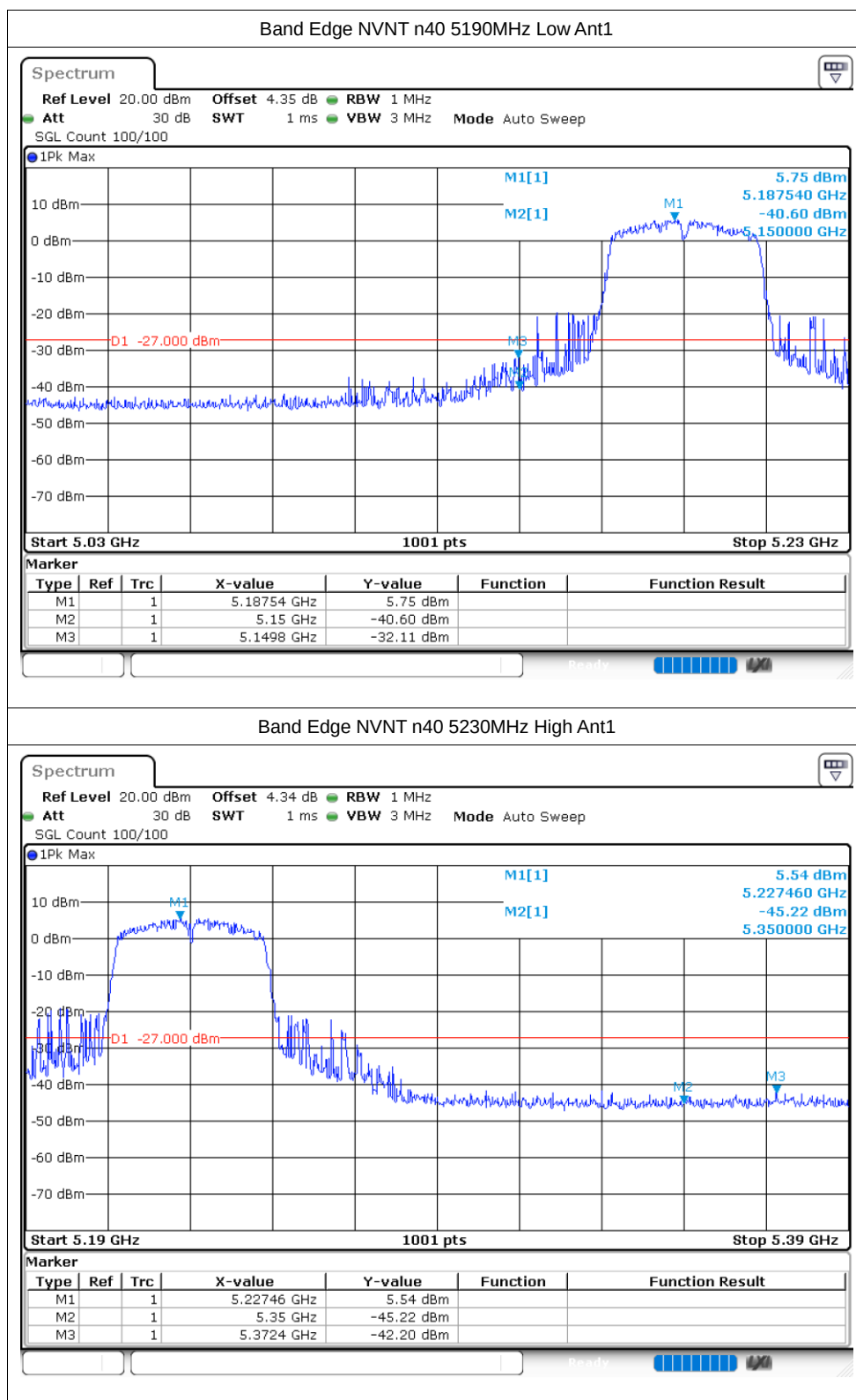
Band Edge NVNT a 5180MHz Low Ant1

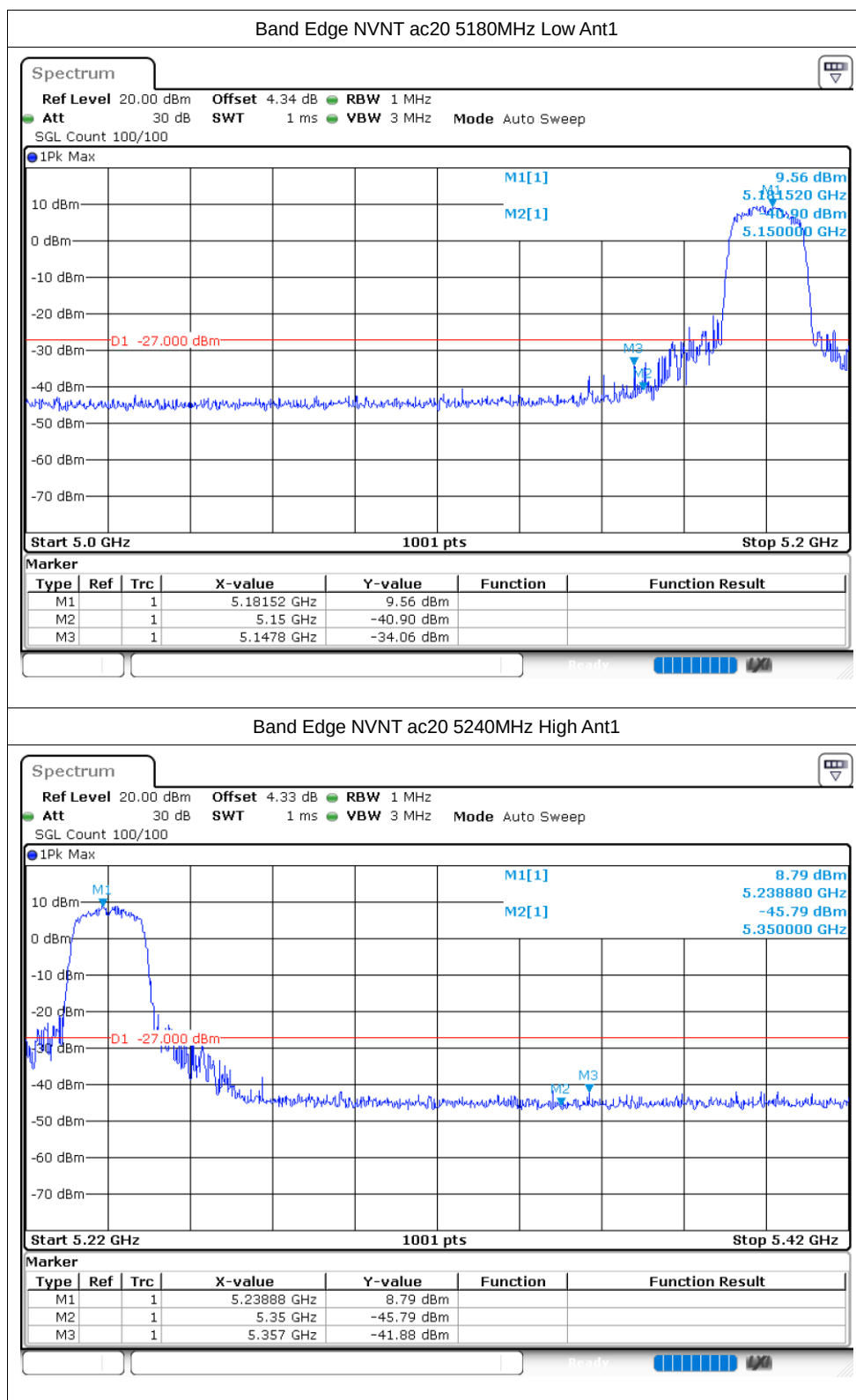


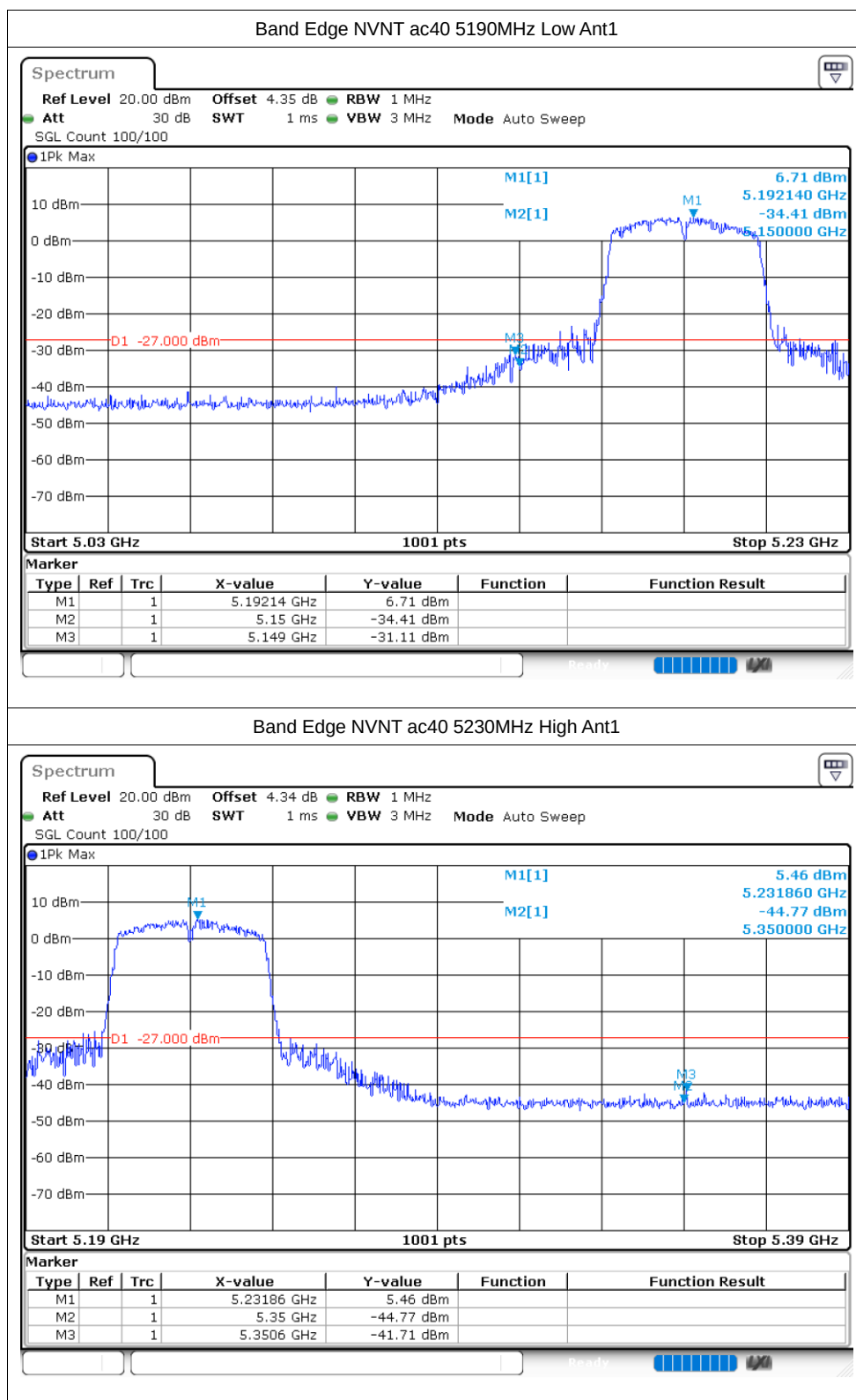
Band Edge NVNT a 5240MHz High Ant1

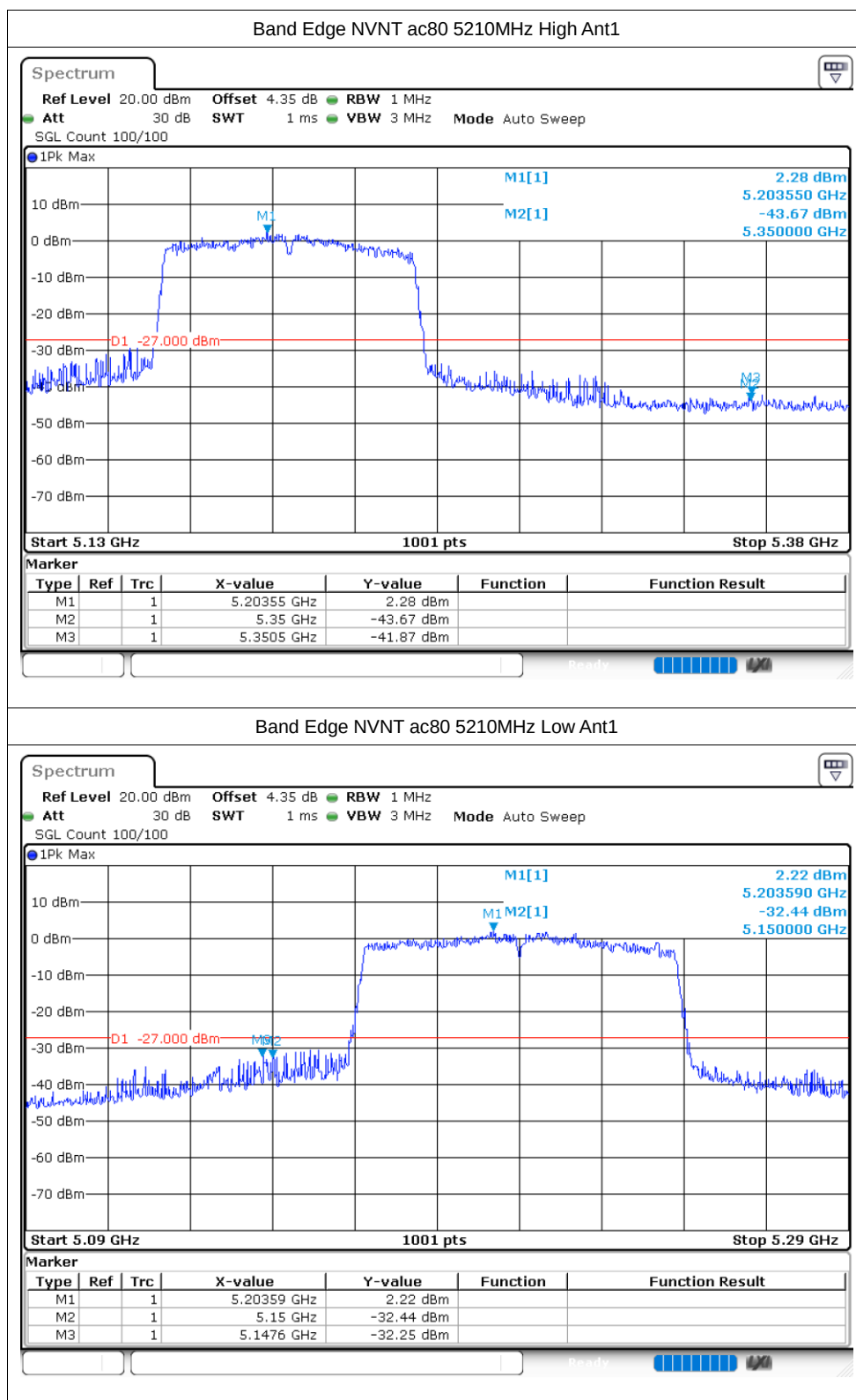












Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-35.83	-27	Pass
NVNT	a	5200	Ant1	-36.99	-27	Pass
NVNT	a	5240	Ant1	-35.92	-27	Pass
NVNT	n20	5180	Ant1	-36.73	-27	Pass
NVNT	n20	5200	Ant1	-35.87	-27	Pass
NVNT	n20	5240	Ant1	-36.92	-27	Pass
NVNT	n40	5190	Ant1	-35.78	-27	Pass
NVNT	n40	5230	Ant1	-36.38	-27	Pass
NVNT	ac20	5180	Ant1	-36.19	-27	Pass
NVNT	ac20	5200	Ant1	-35.95	-27	Pass
NVNT	ac20	5240	Ant1	-36.78	-27	Pass
NVNT	ac40	5190	Ant1	-36.2	-27	Pass
NVNT	ac40	5230	Ant1	-36.38	-27	Pass
NVNT	ac80	5210	Ant1	-35.44	-27	Pass

