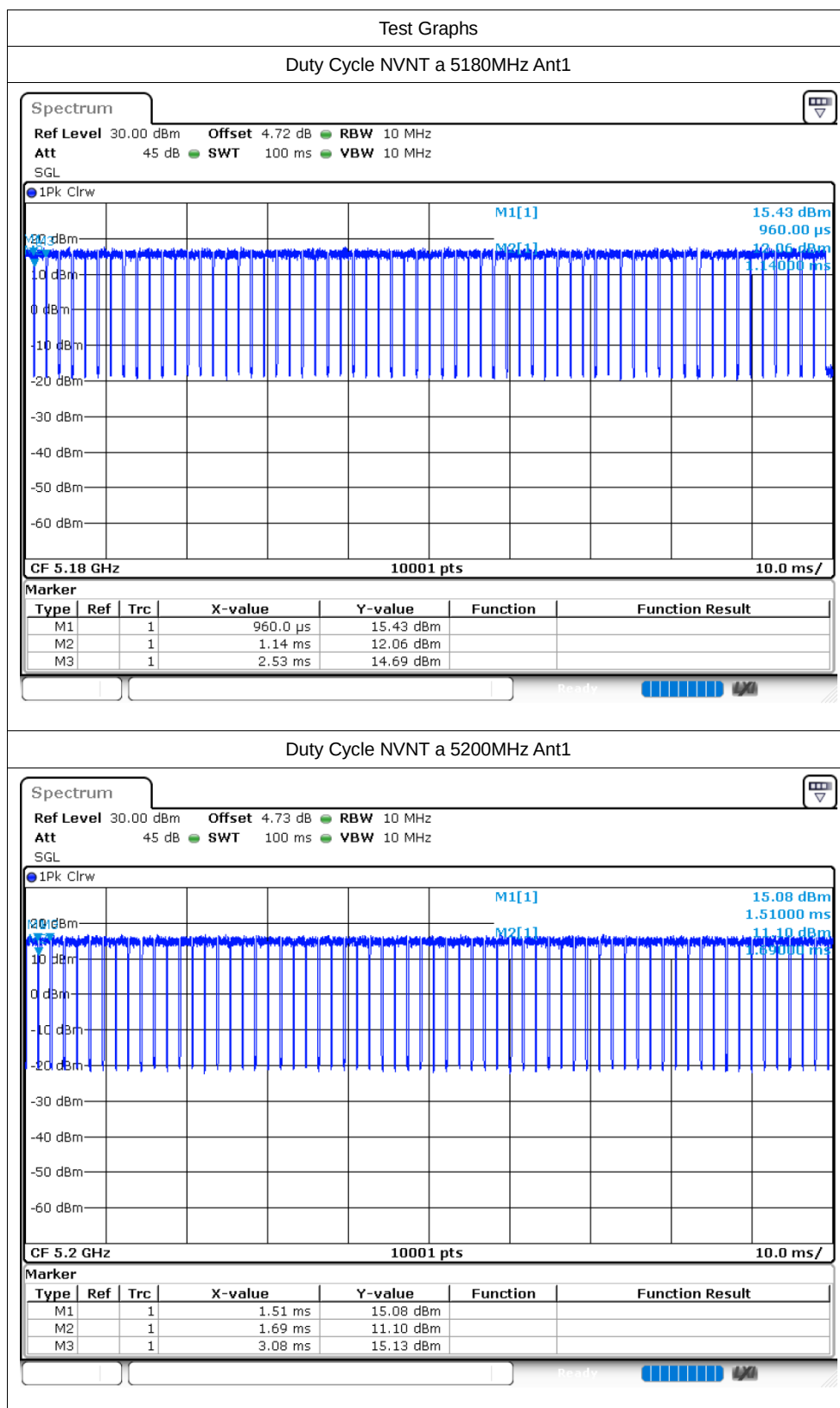
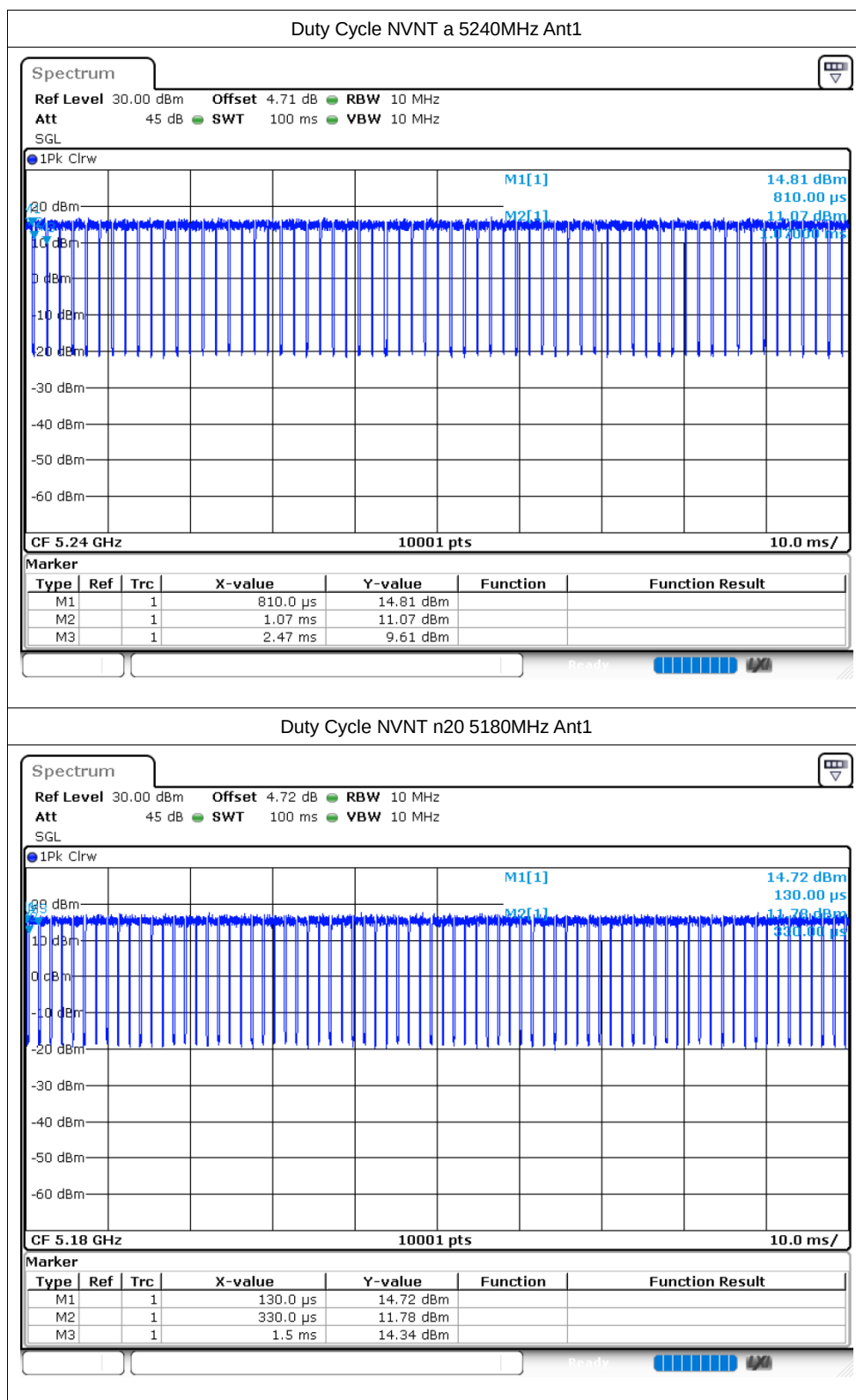


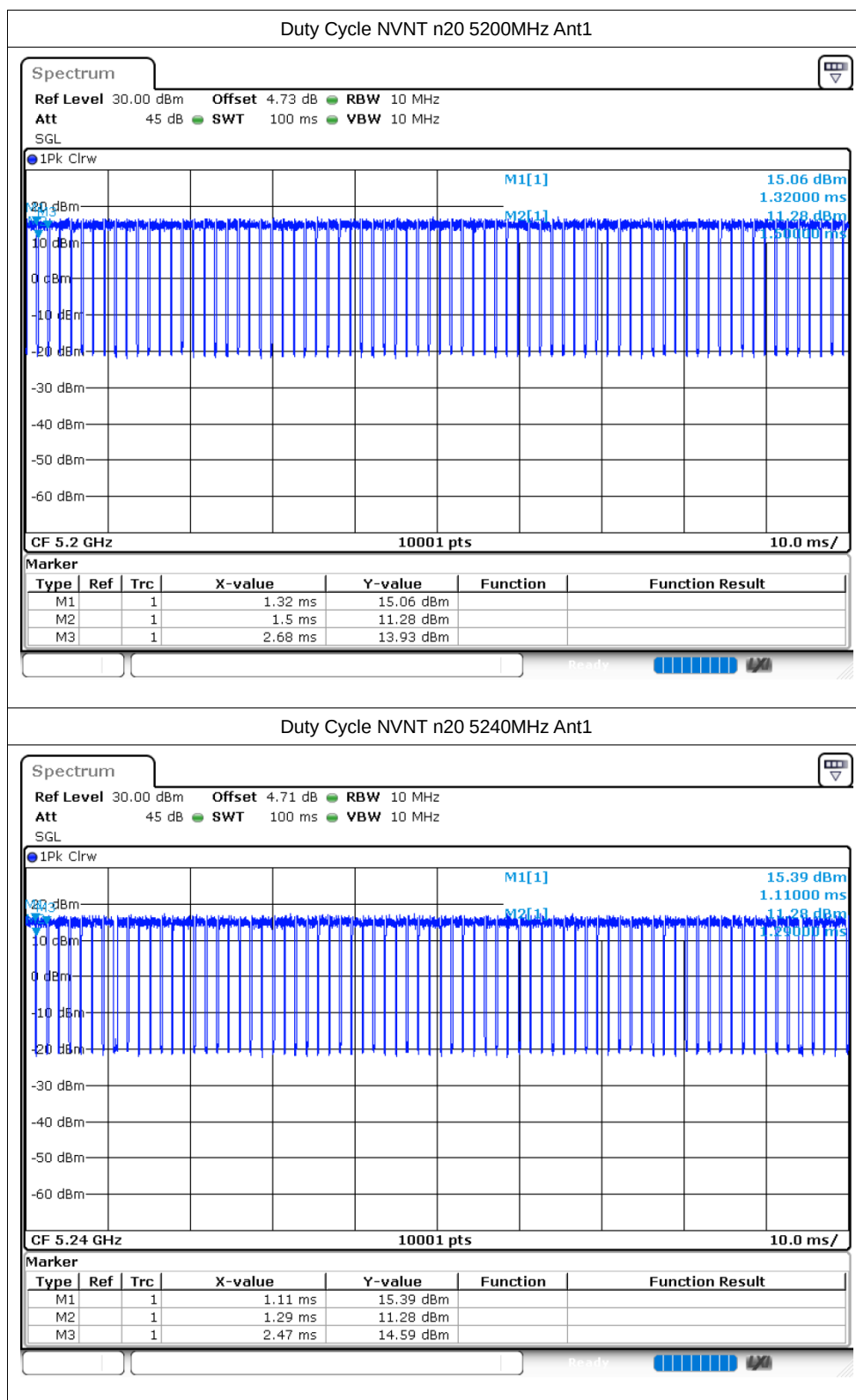
WIFI 5.2G

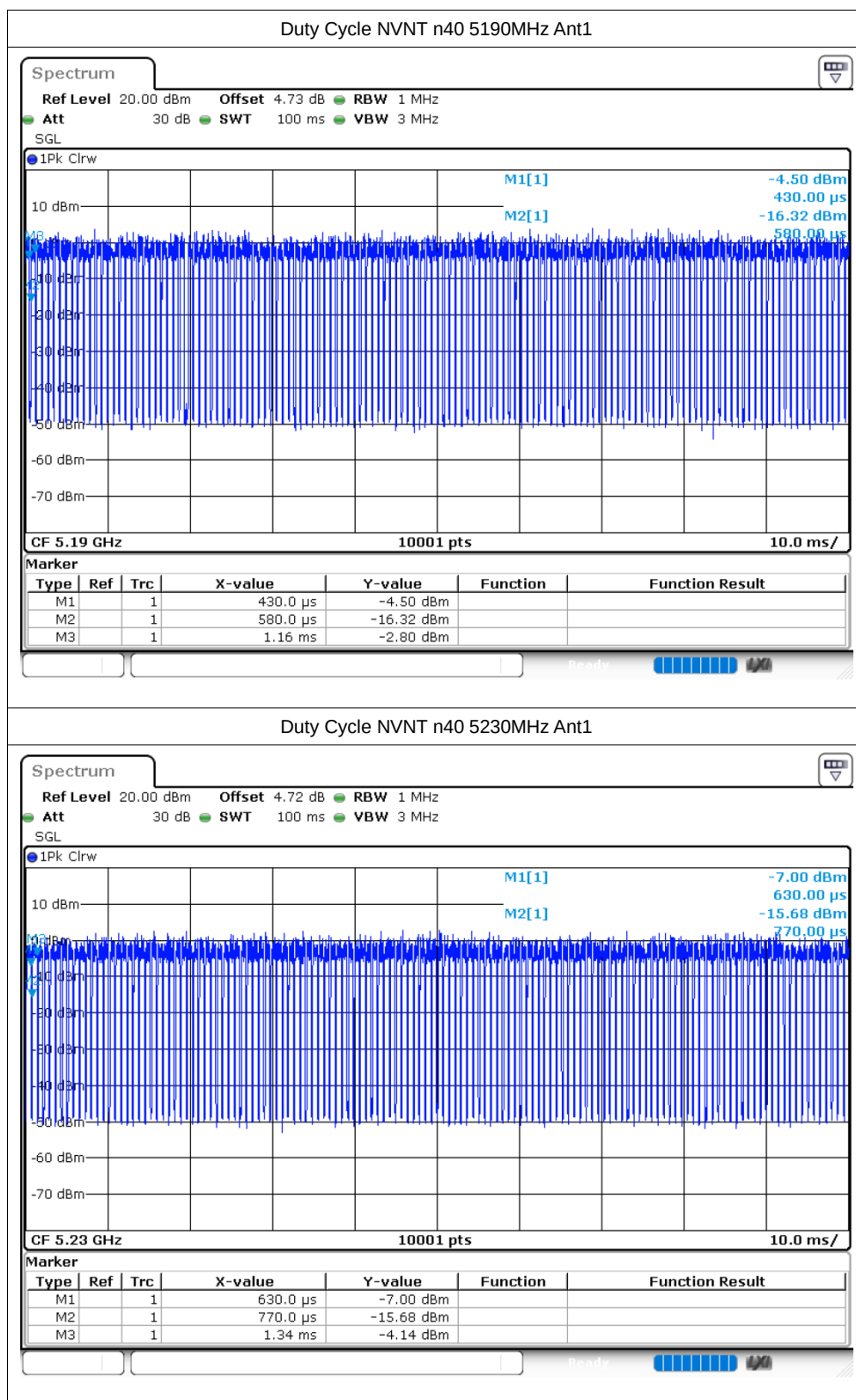
Duty Cycle

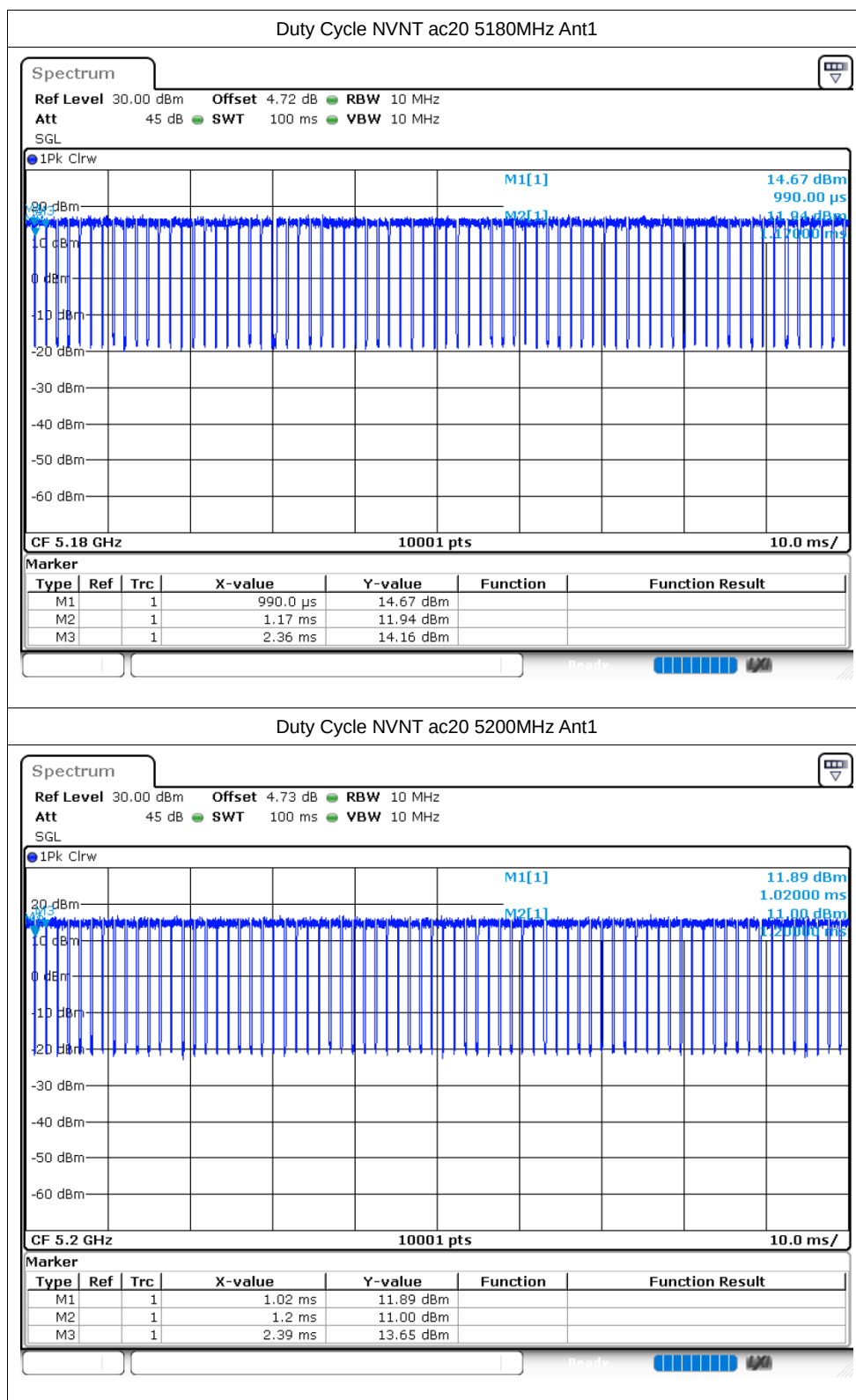
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	87.89	0.56	0.72
NVNT	a	5200	Ant1	88.79	0.52	0.72
NVNT	a	5240	Ant1	88.48	0.53	0.71
NVNT	n20	5180	Ant1	86.88	0.61	0.85
NVNT	n20	5200	Ant1	87.02	0.6	0.85
NVNT	n20	5240	Ant1	86.44	0.63	0.85
NVNT	n40	5190	Ant1	80.17	0.96	1.72
NVNT	n40	5230	Ant1	80.48	0.94	1.75
NVNT	ac20	5180	Ant1	86.3	0.64	0.84
NVNT	ac20	5200	Ant1	86.8	0.61	0.84
NVNT	ac20	5240	Ant1	86.87	0.61	0.84
NVNT	ac40	5190	Ant1	80.77	0.93	1.72
NVNT	ac40	5230	Ant1	80.73	0.93	1.72
NVNT	ac80	5210	Ant1	63.34	1.98	3.45

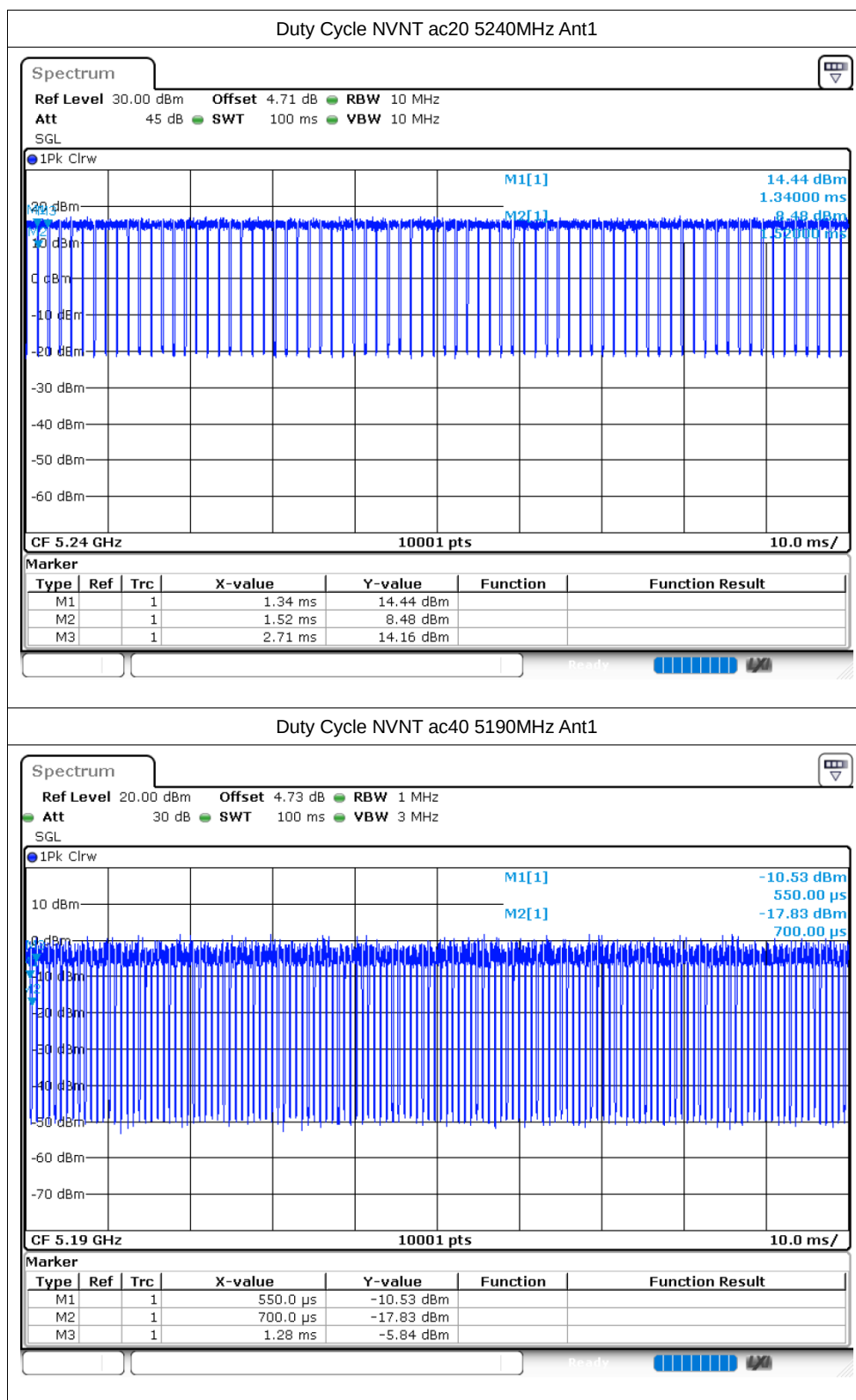


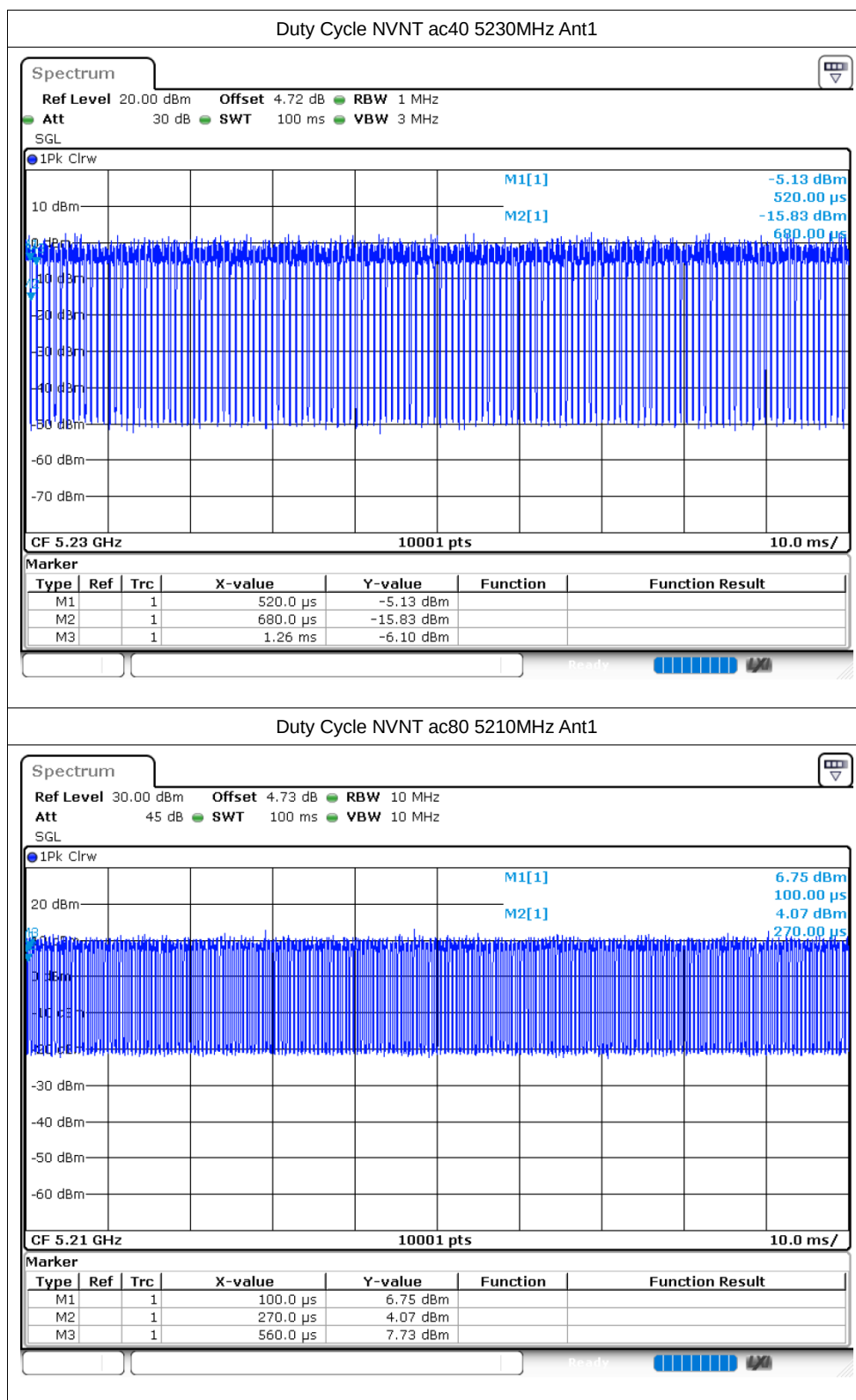












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.46	24	Pass
NVNT	a	5200	Ant1	11.02	24	Pass
NVNT	a	5240	Ant1	10.97	24	Pass
NVNT	n20	5180	Ant1	11.4	24	Pass
NVNT	n20	5200	Ant1	11.09	24	Pass
NVNT	n20	5240	Ant1	10.87	24	Pass
NVNT	n40	5190	Ant1	12.17	24	Pass
NVNT	n40	5230	Ant1	12.87	24	Pass
NVNT	ac20	5180	Ant1	11.48	24	Pass
NVNT	ac20	5200	Ant1	11.4	24	Pass
NVNT	ac20	5240	Ant1	11.21	24	Pass
NVNT	ac40	5190	Ant1	11.31	24	Pass
NVNT	ac40	5230	Ant1	12.12	24	Pass
NVNT	ac80	5210	Ant1	11.56	24	Pass

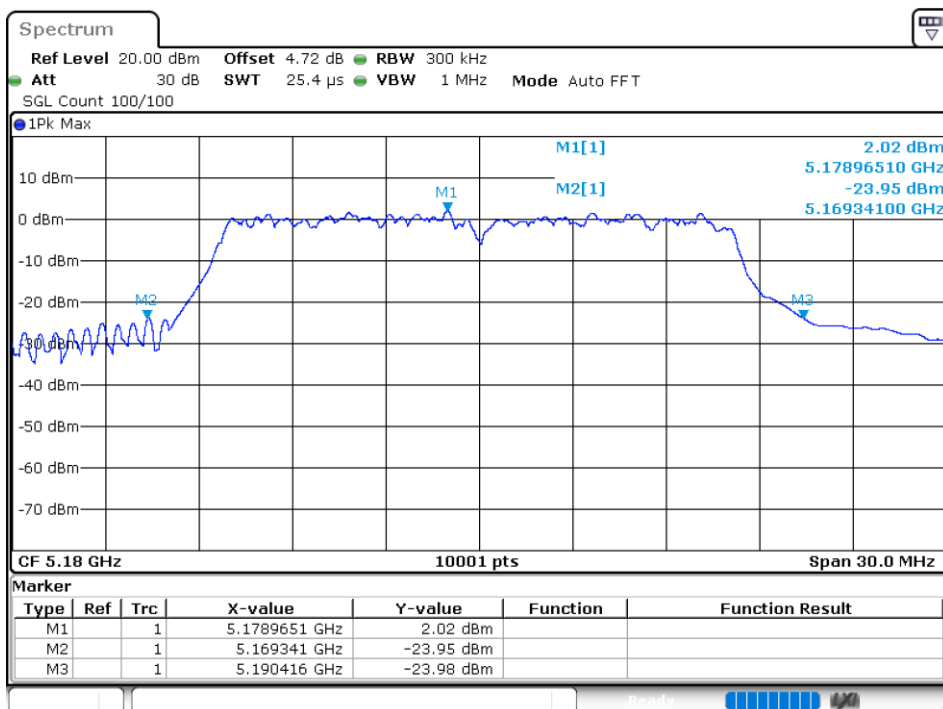
Note: The average power value already includes the duty cycle factor

-26dB Bandwidth

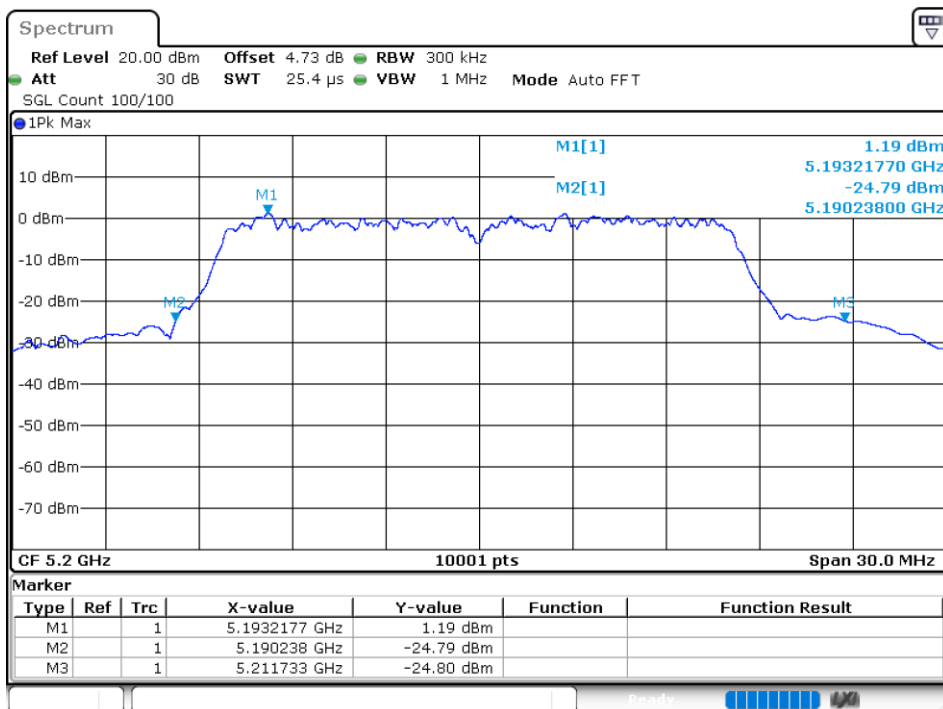
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	21.075	Pass
NVNT	a	5200	Ant1	21.495	Pass
NVNT	a	5240	Ant1	19.746	Pass
NVNT	n20	5180	Ant1	23.241	Pass
NVNT	n20	5200	Ant1	24.852	Pass
NVNT	n20	5240	Ant1	21.489	Pass
NVNT	n40	5190	Ant1	44.634	Pass
NVNT	n40	5230	Ant1	55.584	Pass
NVNT	ac20	5180	Ant1	24.756	Pass
NVNT	ac20	5200	Ant1	25.128	Pass
NVNT	ac20	5240	Ant1	24.972	Pass
NVNT	ac40	5190	Ant1	56.76	Pass
NVNT	ac40	5230	Ant1	53.616	Pass
NVNT	ac80	5210	Ant1	89.028	Pass

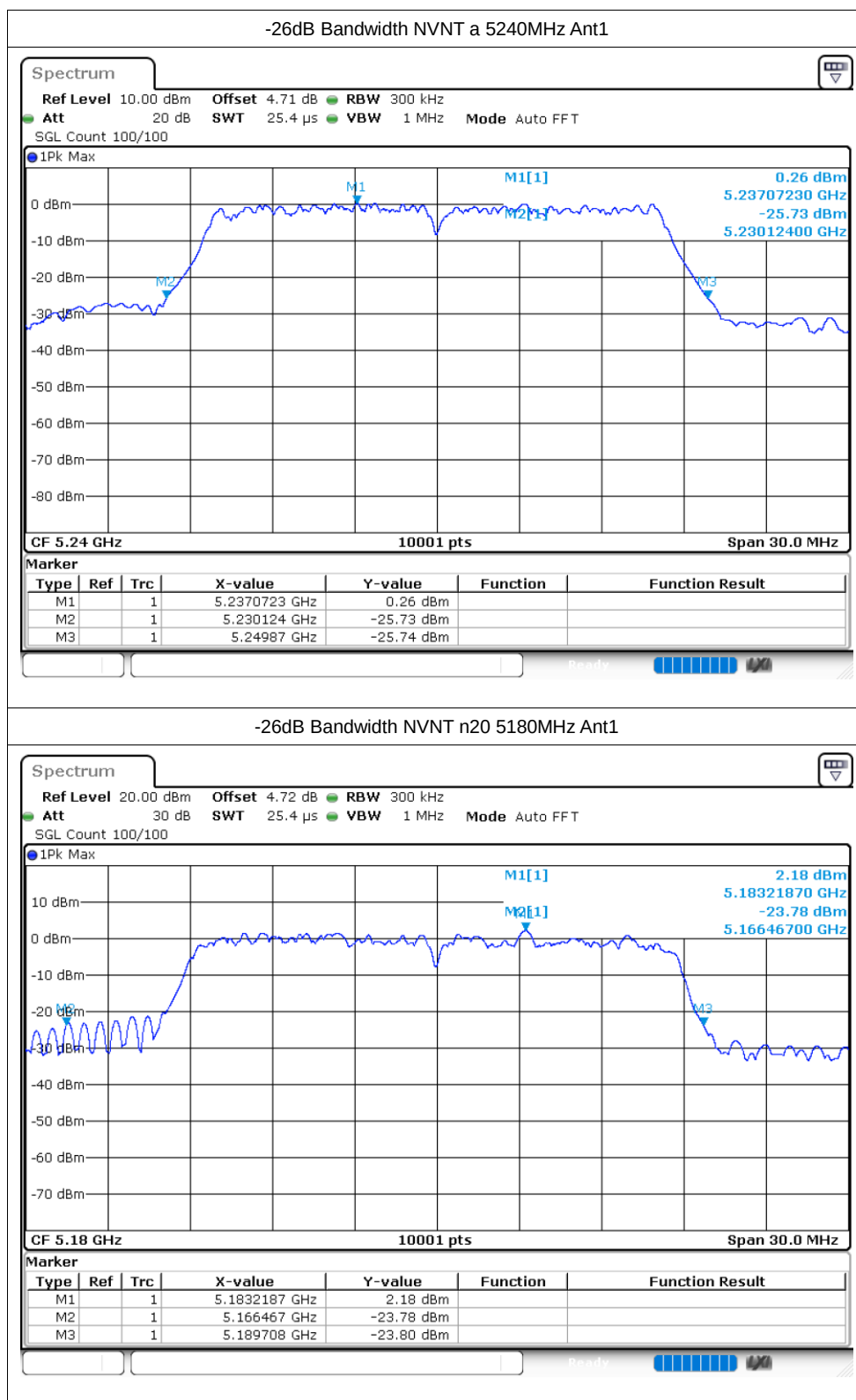
Test Graphs

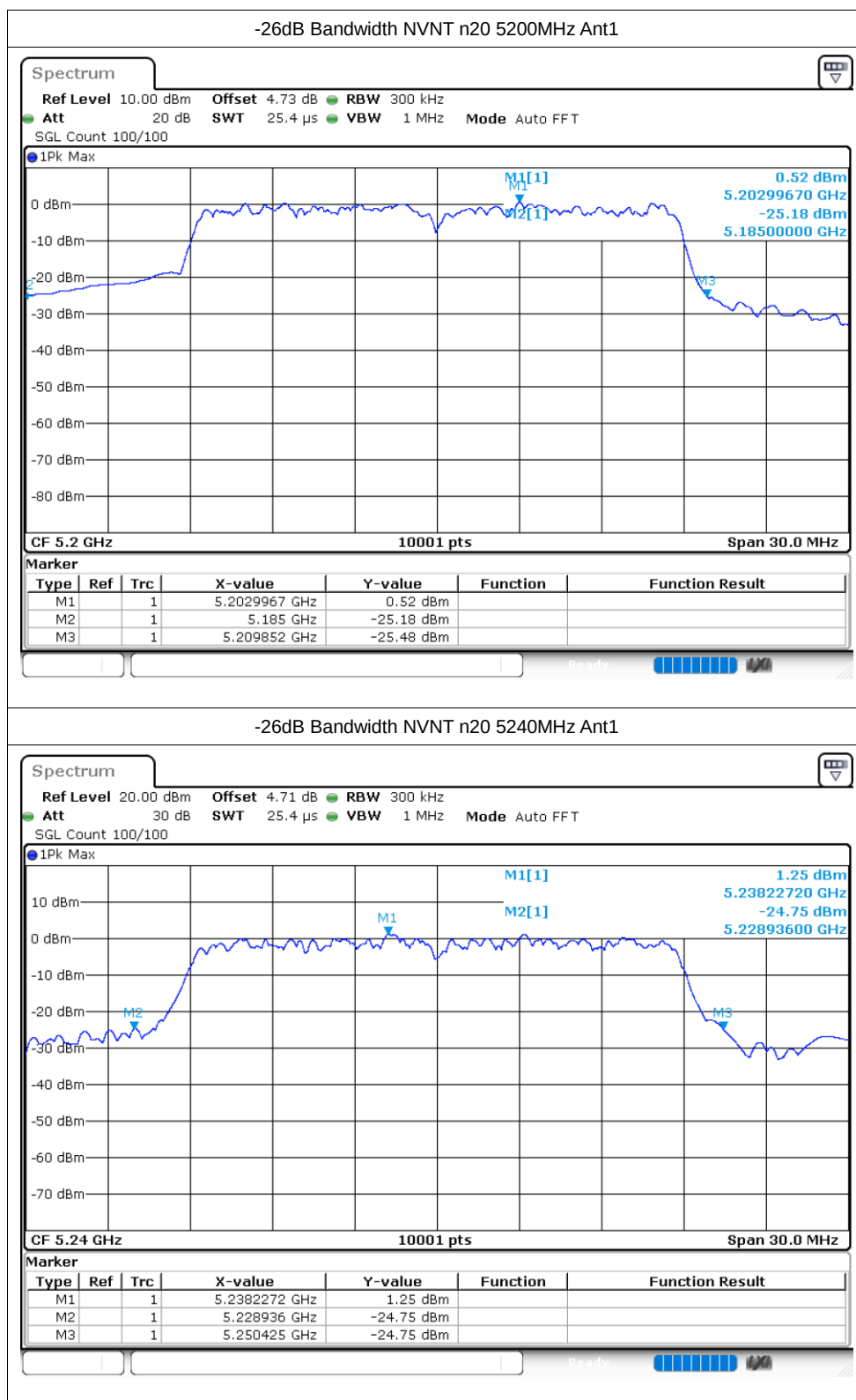
-26dB Bandwidth NVNT a 5180MHz Ant1

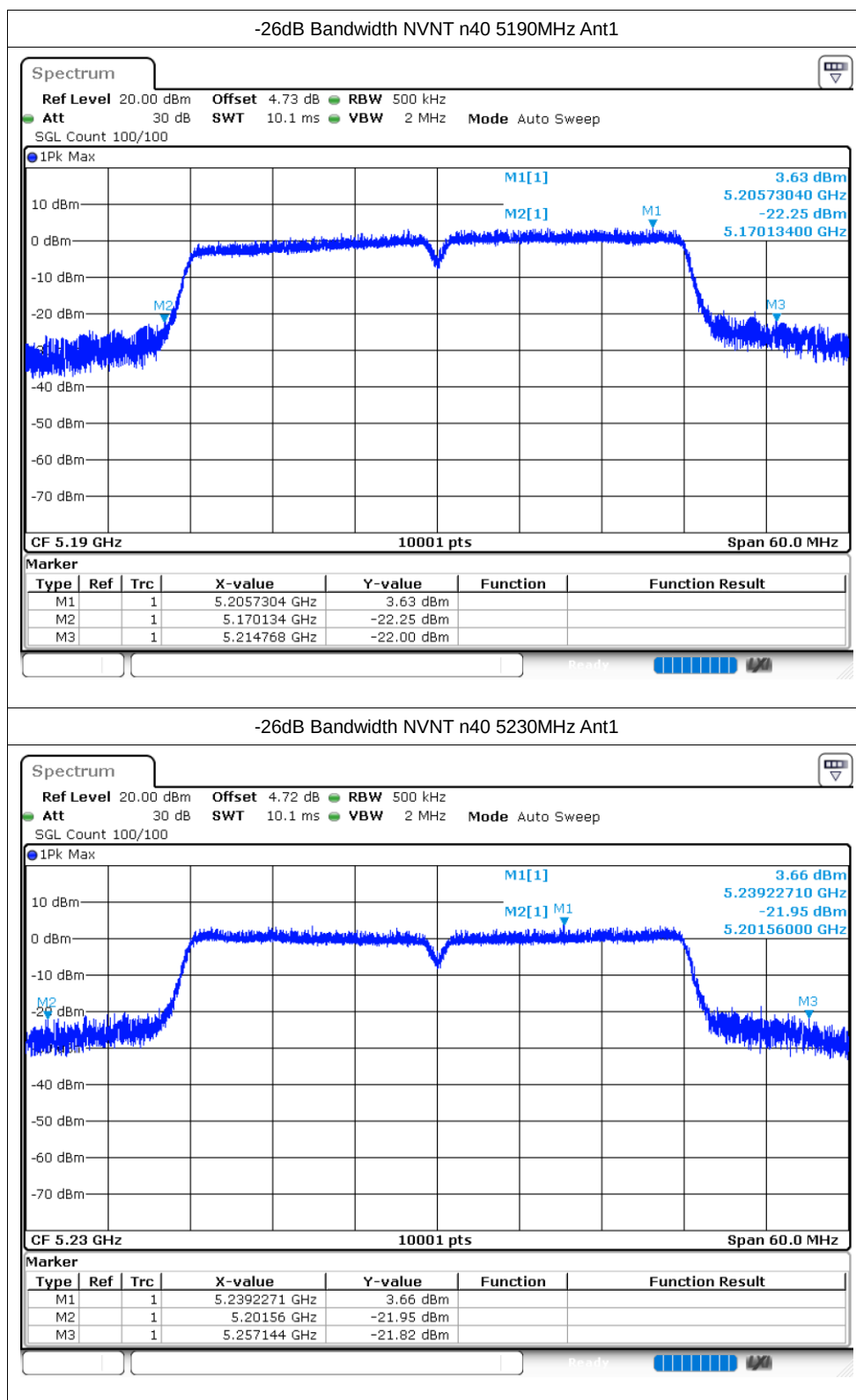


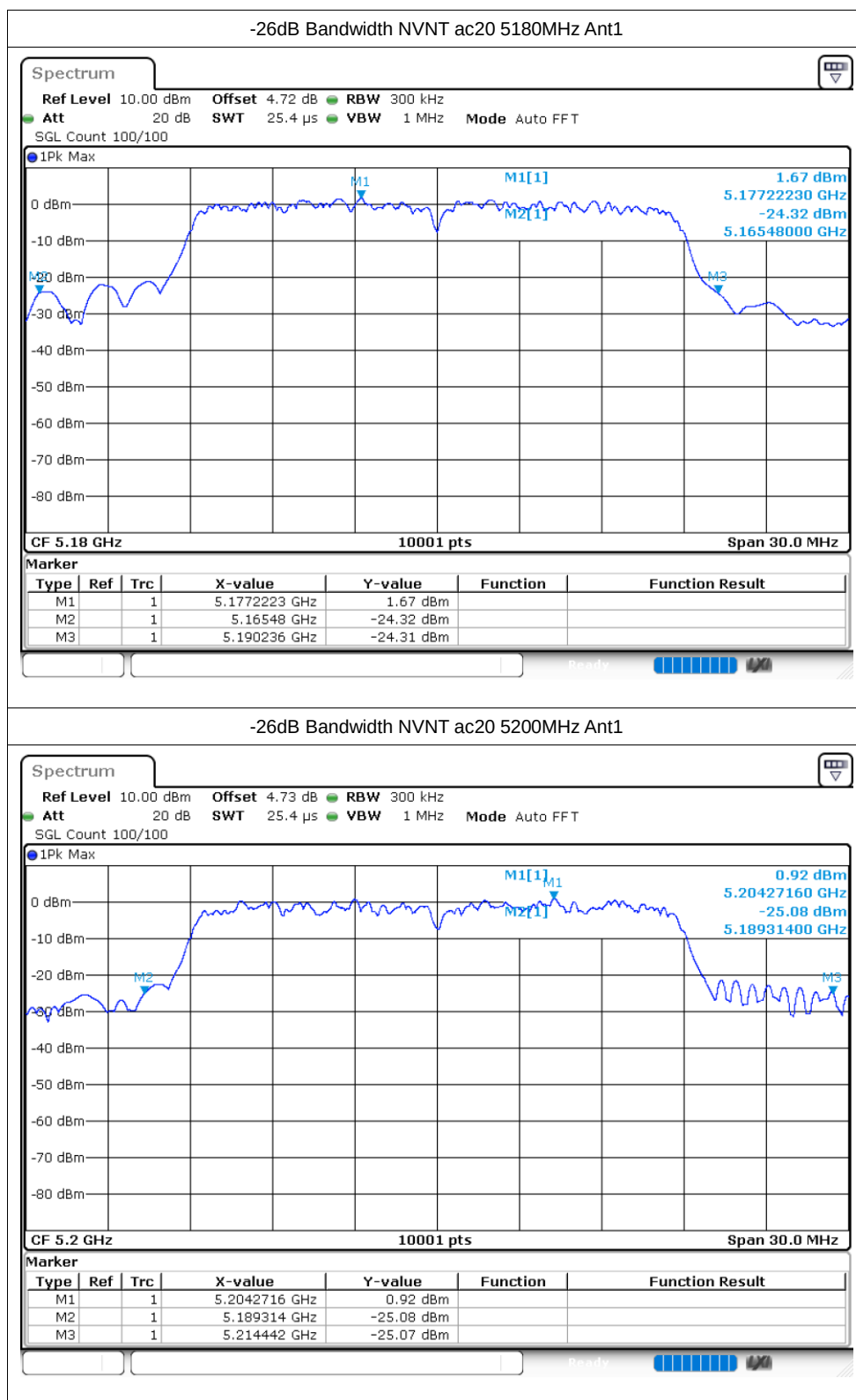
-26dB Bandwidth NVNT a 5200MHz Ant1

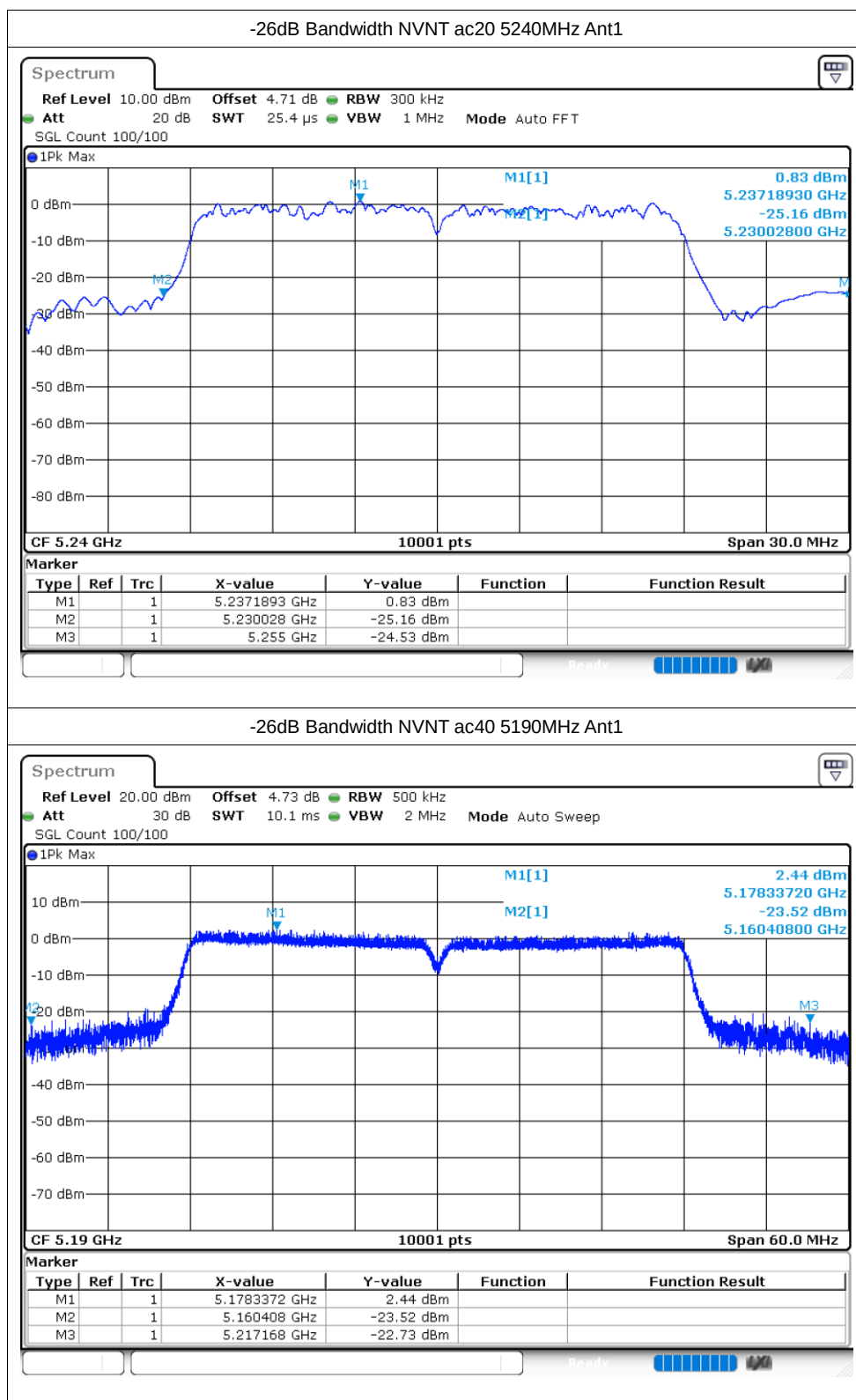


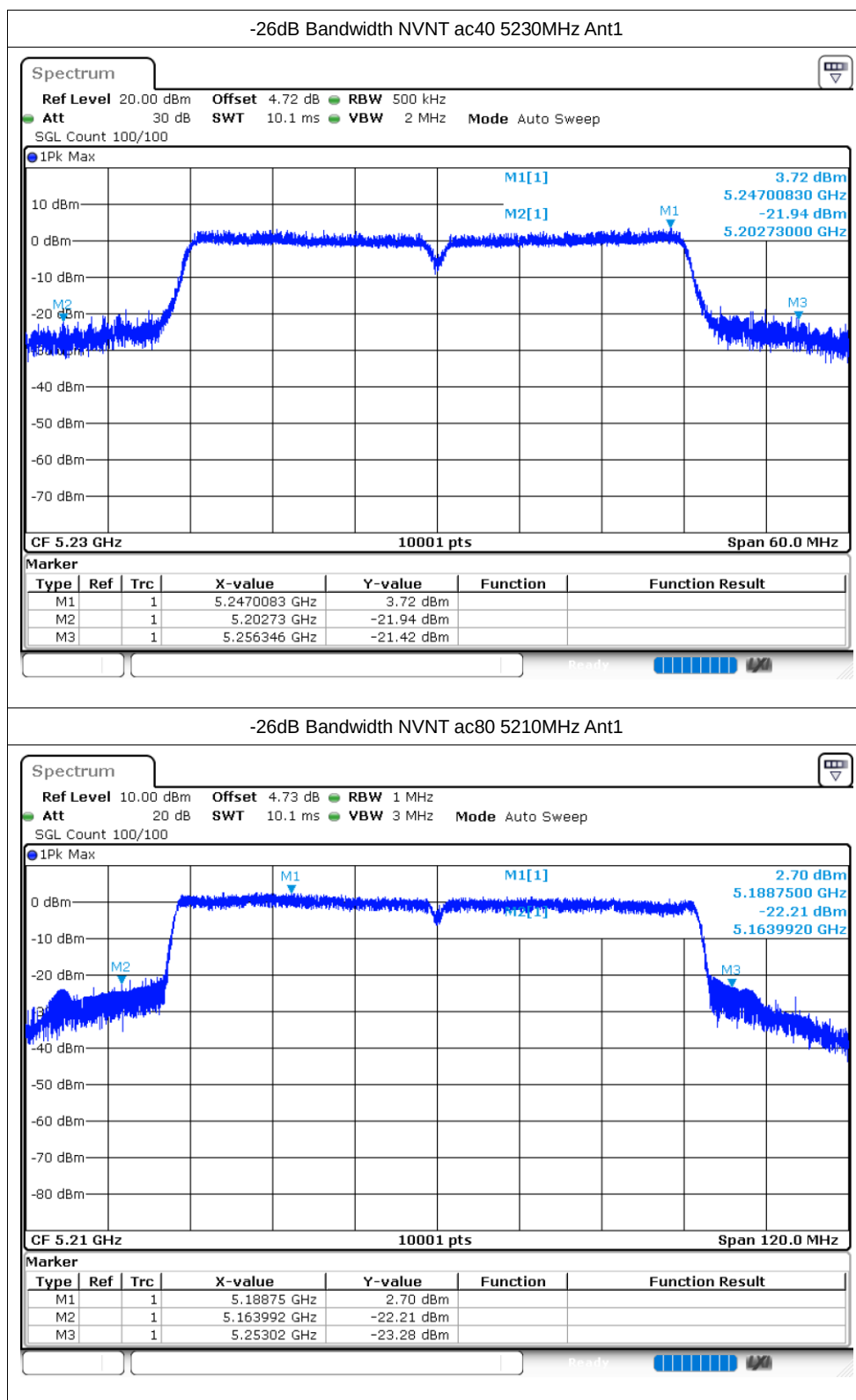










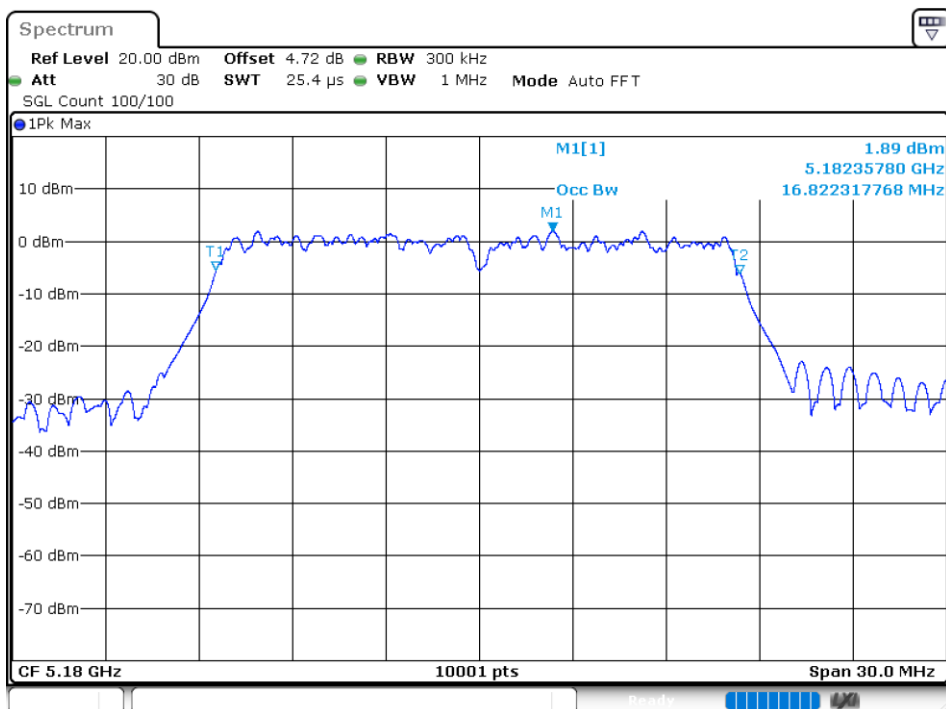


Occupied Channel Bandwidth

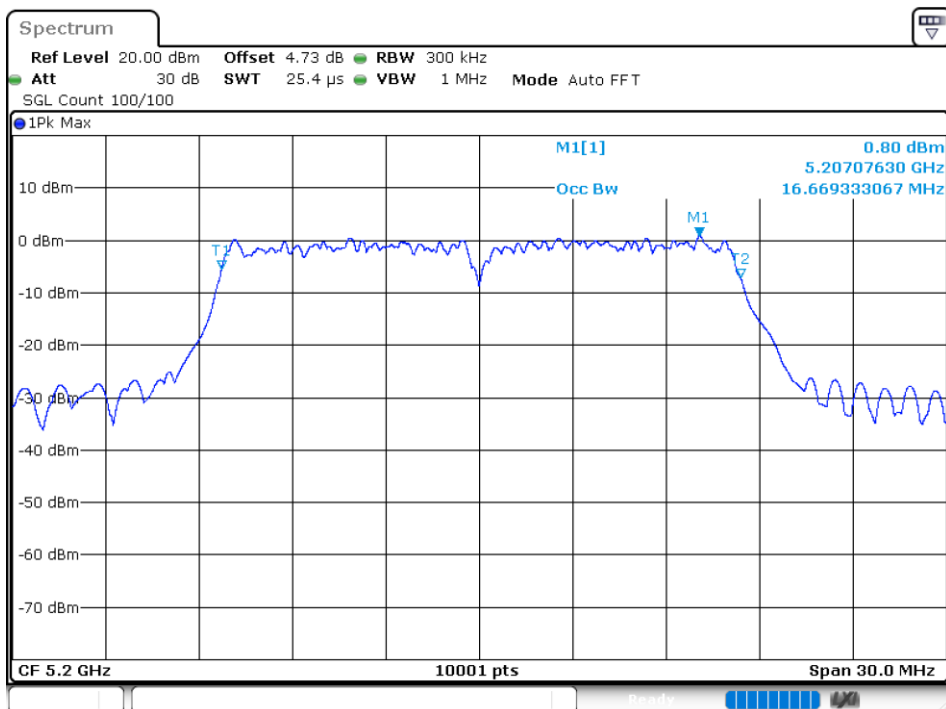
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.822
NVNT	a	5200	Ant1	16.669
NVNT	a	5240	Ant1	16.726
NVNT	n20	5180	Ant1	17.608
NVNT	n20	5200	Ant1	17.578
NVNT	n20	5240	Ant1	17.719
NVNT	n40	5190	Ant1	36.104
NVNT	n40	5230	Ant1	36.464
NVNT	ac20	5180	Ant1	17.758
NVNT	ac20	5200	Ant1	17.707
NVNT	ac20	5240	Ant1	17.719
NVNT	ac40	5190	Ant1	36.458
NVNT	ac40	5230	Ant1	36.452
NVNT	ac80	5210	Ant1	75.664

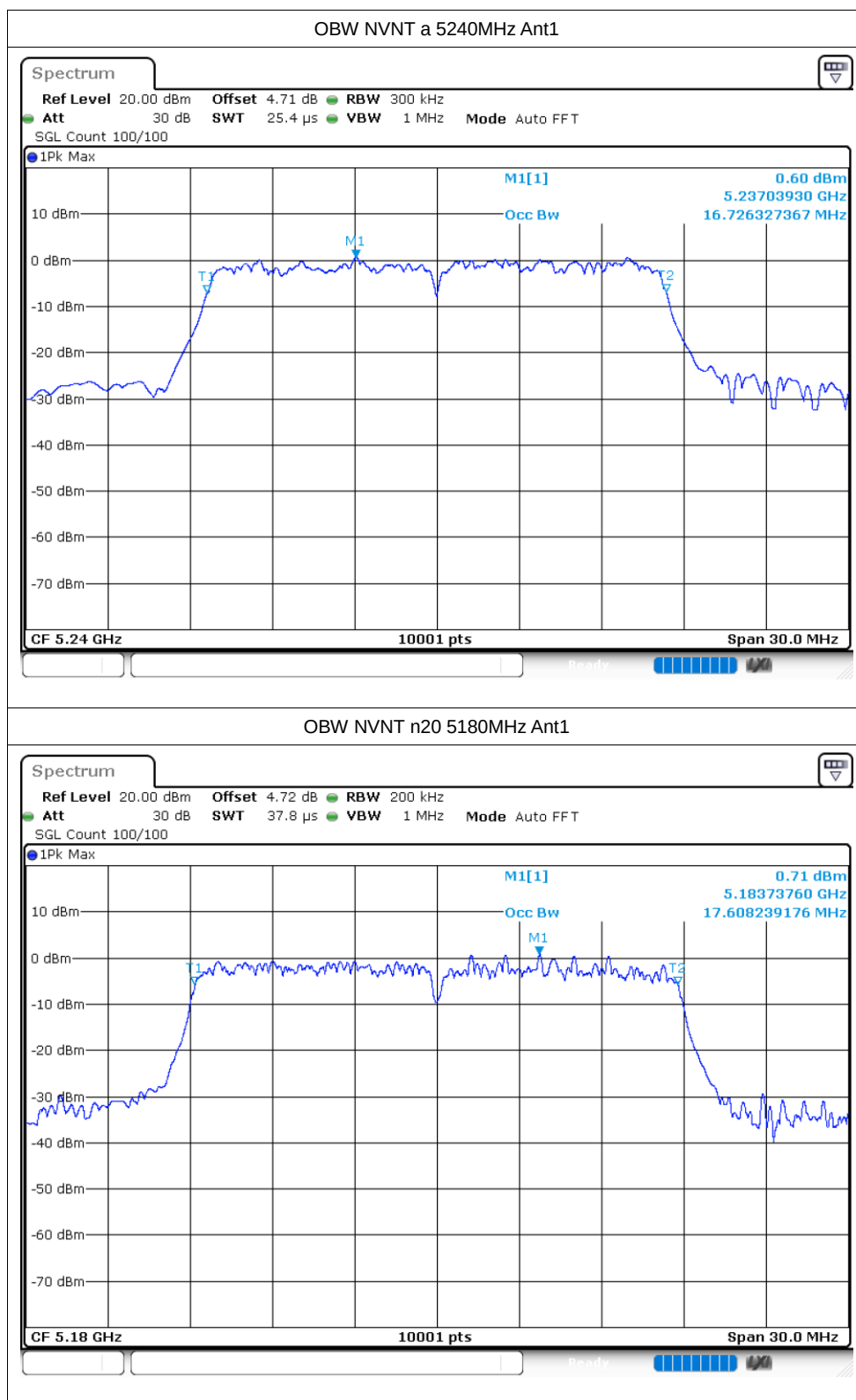
Test Graphs

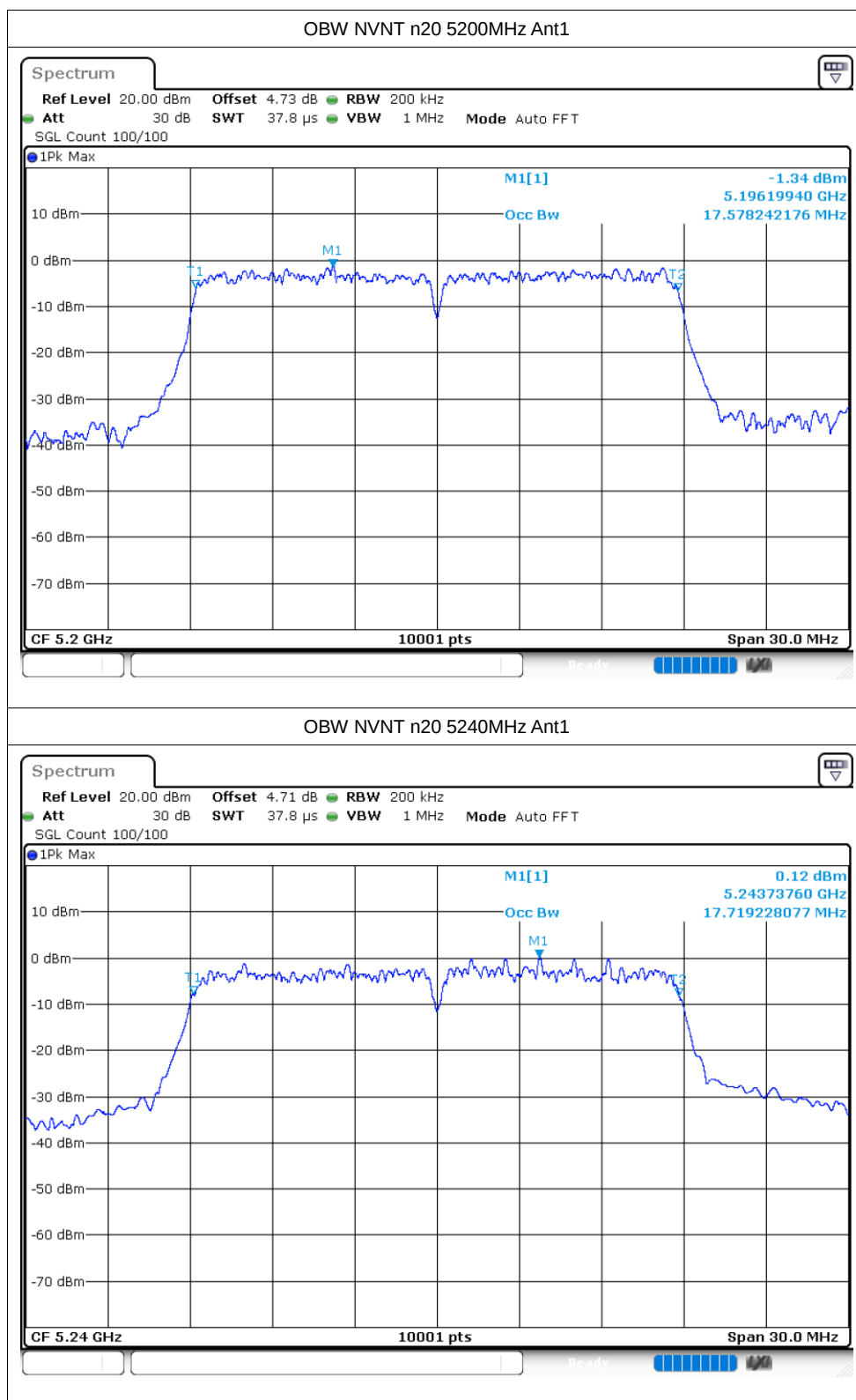
OBW NVNT a 5180MHz Ant1

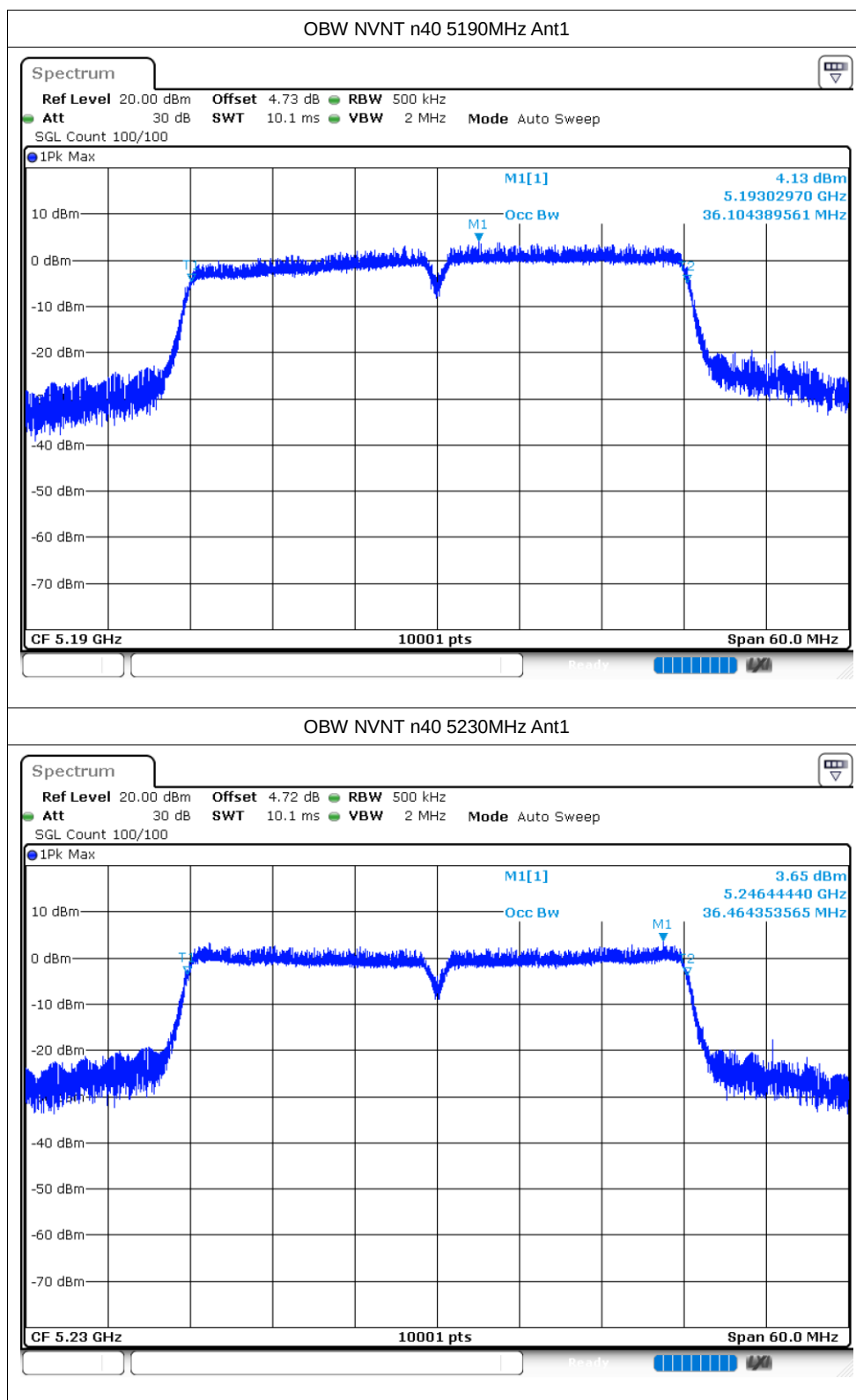


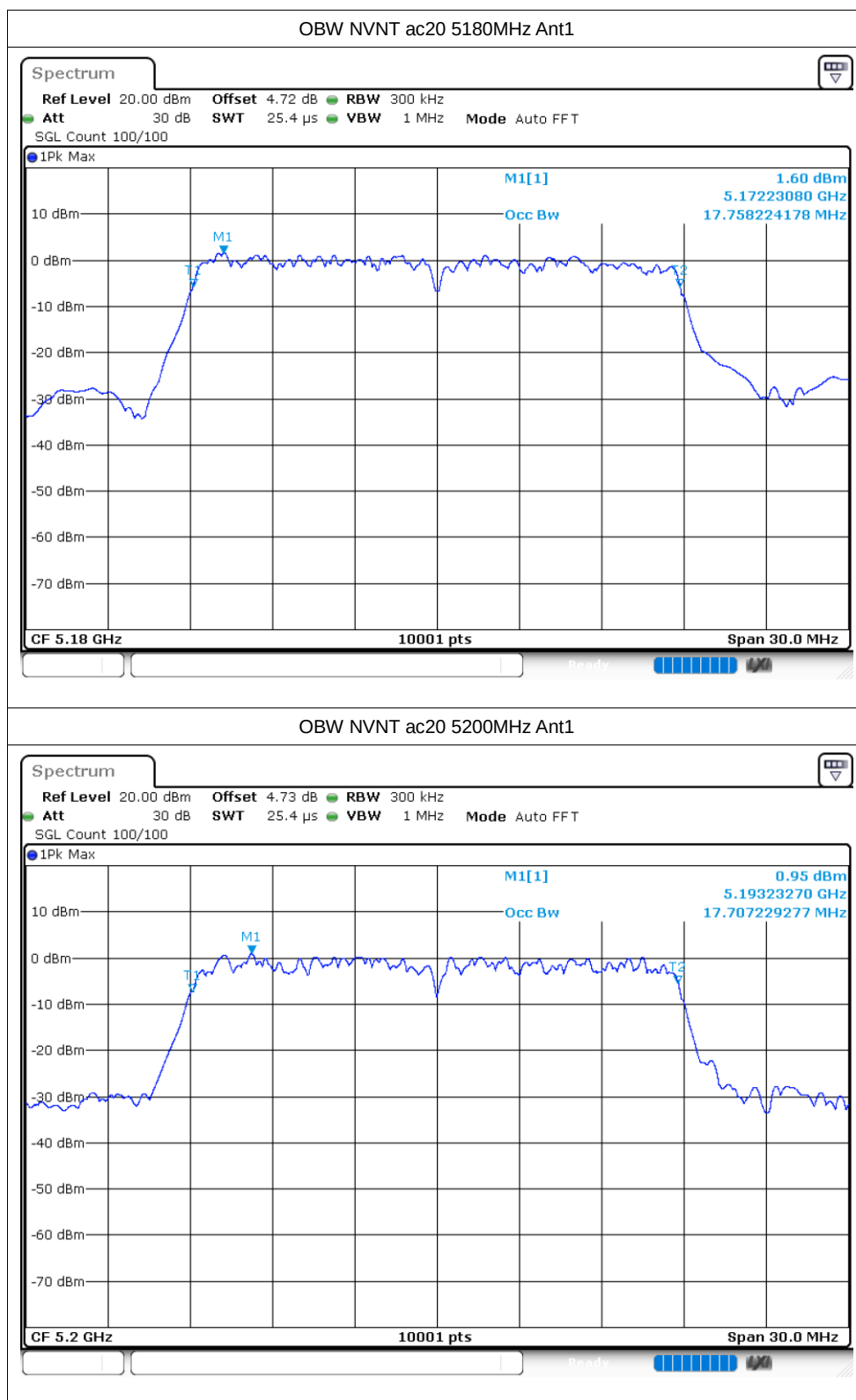
OBW NVNT a 5200MHz Ant1

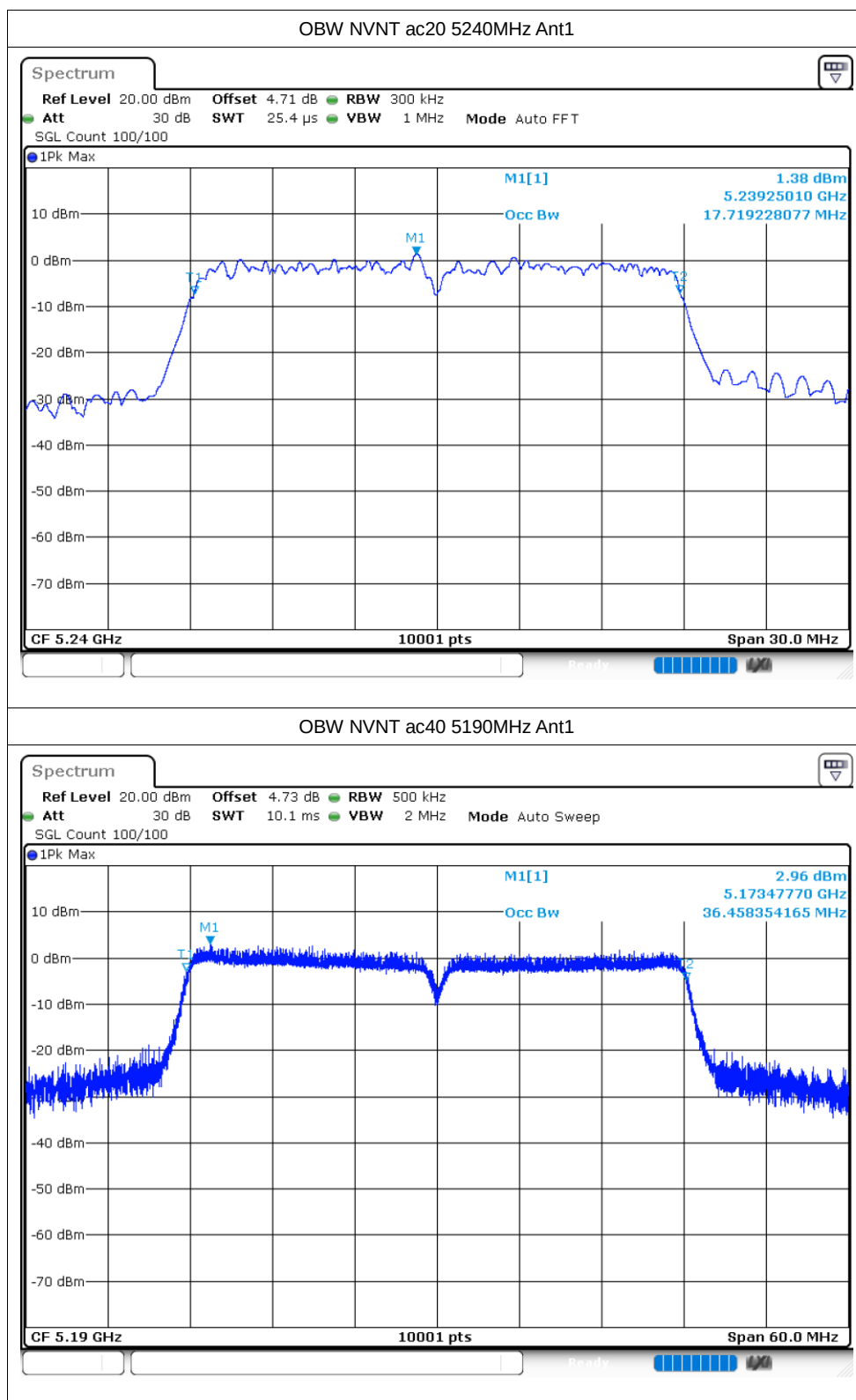


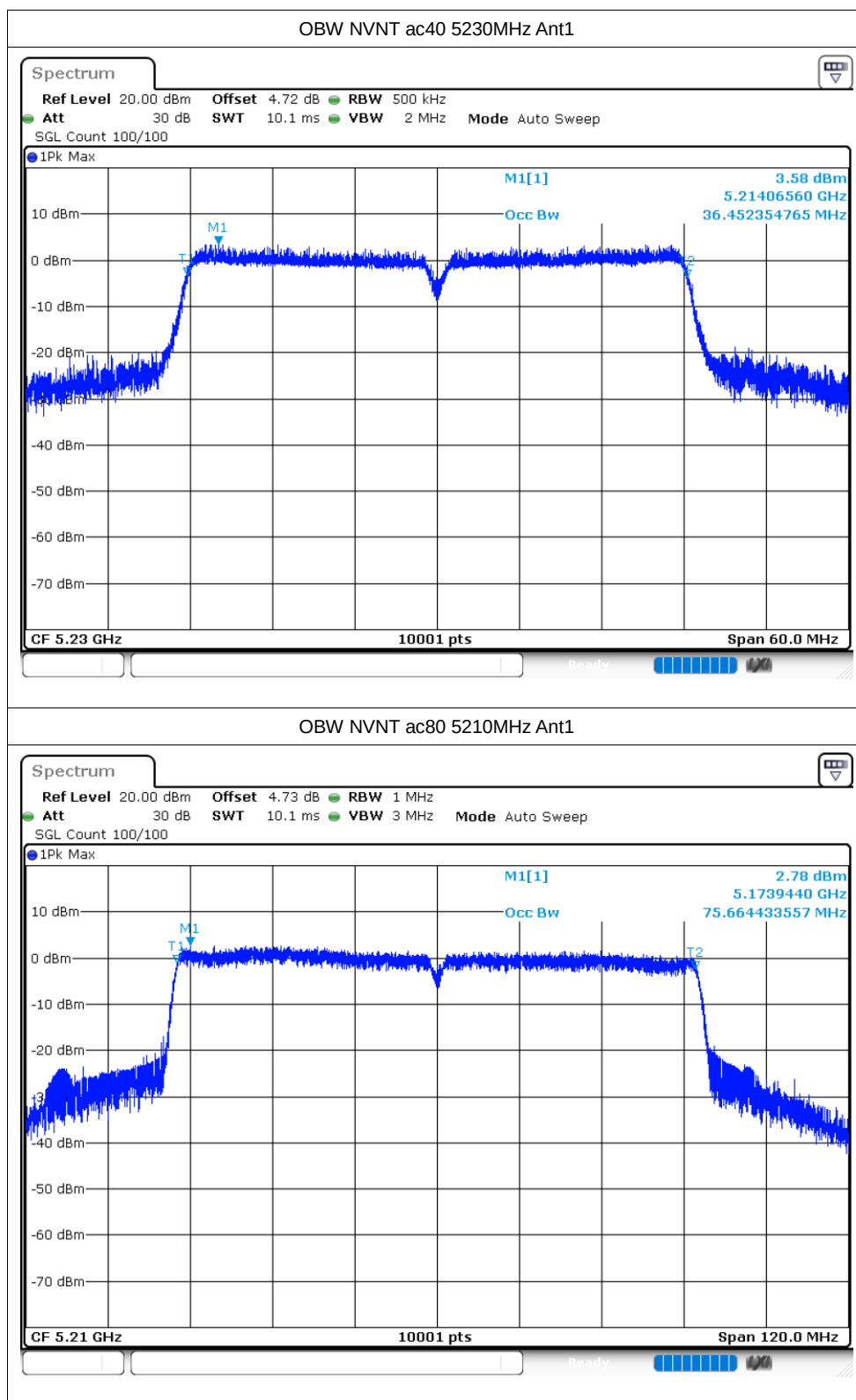










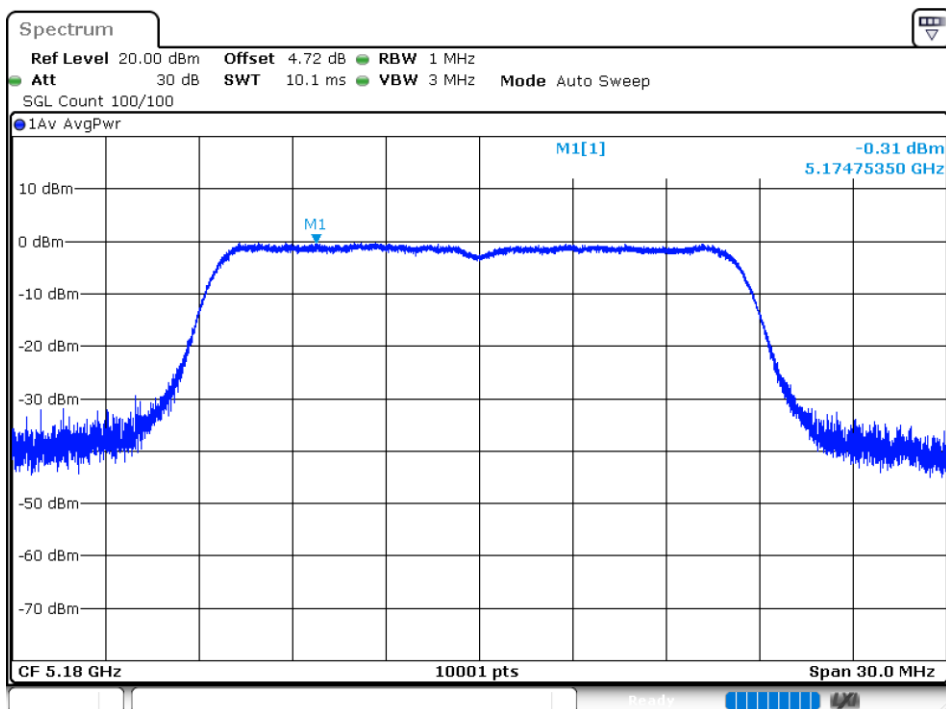


Maximum Power Spectral Density Level

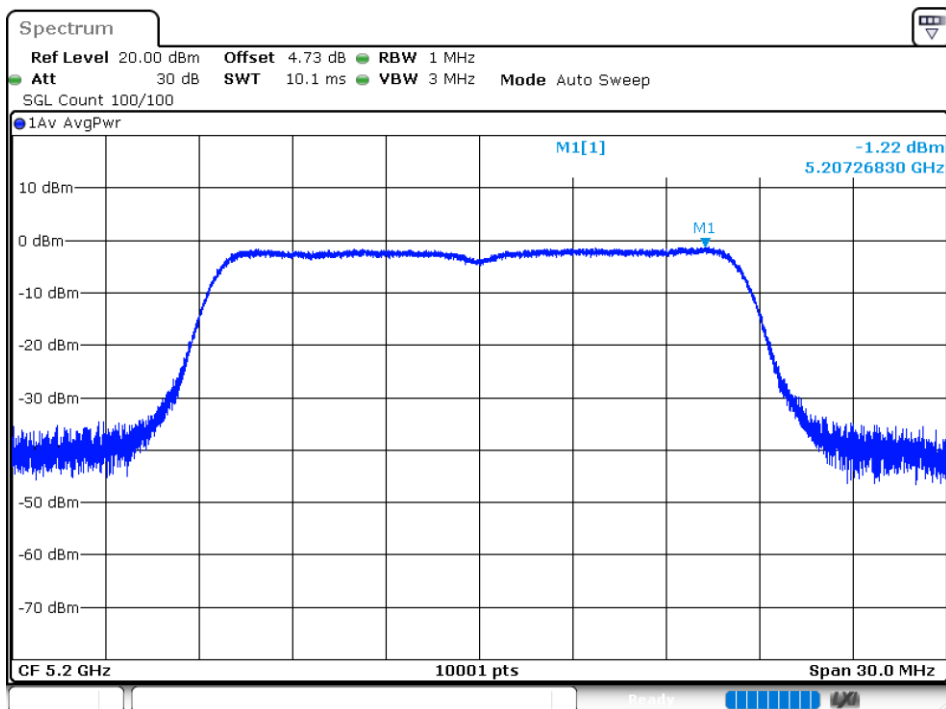
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-0.31	0.56	0.25	11	Pass
NVNT	a	5200	Ant1	-1.22	0.52	-0.7	11	Pass
NVNT	a	5240	Ant1	-1.72	0.53	-1.19	11	Pass
NVNT	n20	5180	Ant1	-0.78	0.61	-0.17	11	Pass
NVNT	n20	5200	Ant1	-1.96	0.6	-1.36	11	Pass
NVNT	n20	5240	Ant1	-2.12	0.63	-1.49	11	Pass
NVNT	n40	5190	Ant1	-3.16	0.96	-2.2	11	Pass
NVNT	n40	5230	Ant1	-3.59	0.94	-2.65	11	Pass
NVNT	ac20	5180	Ant1	0.04	0.64	0.68	11	Pass
NVNT	ac20	5200	Ant1	-1.46	0.61	-0.85	11	Pass
NVNT	ac20	5240	Ant1	-1.43	0.61	-0.82	11	Pass
NVNT	ac40	5190	Ant1	-2.92	0.93	-1.99	11	Pass
NVNT	ac40	5230	Ant1	-2.99	0.93	-2.06	11	Pass
NVNT	ac80	5210	Ant1	-7.84	1.98	-5.86	11	Pass

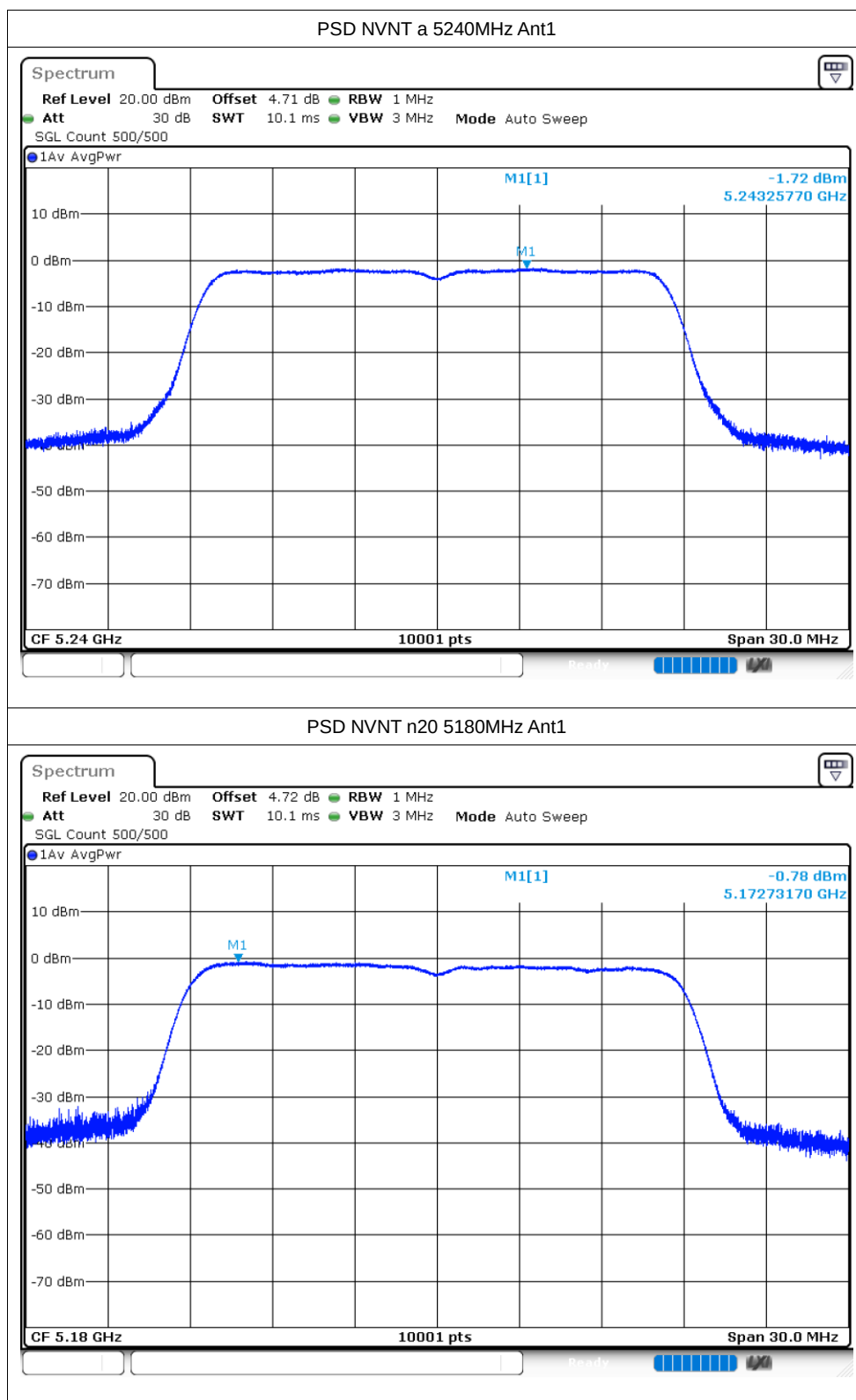
Test Graphs

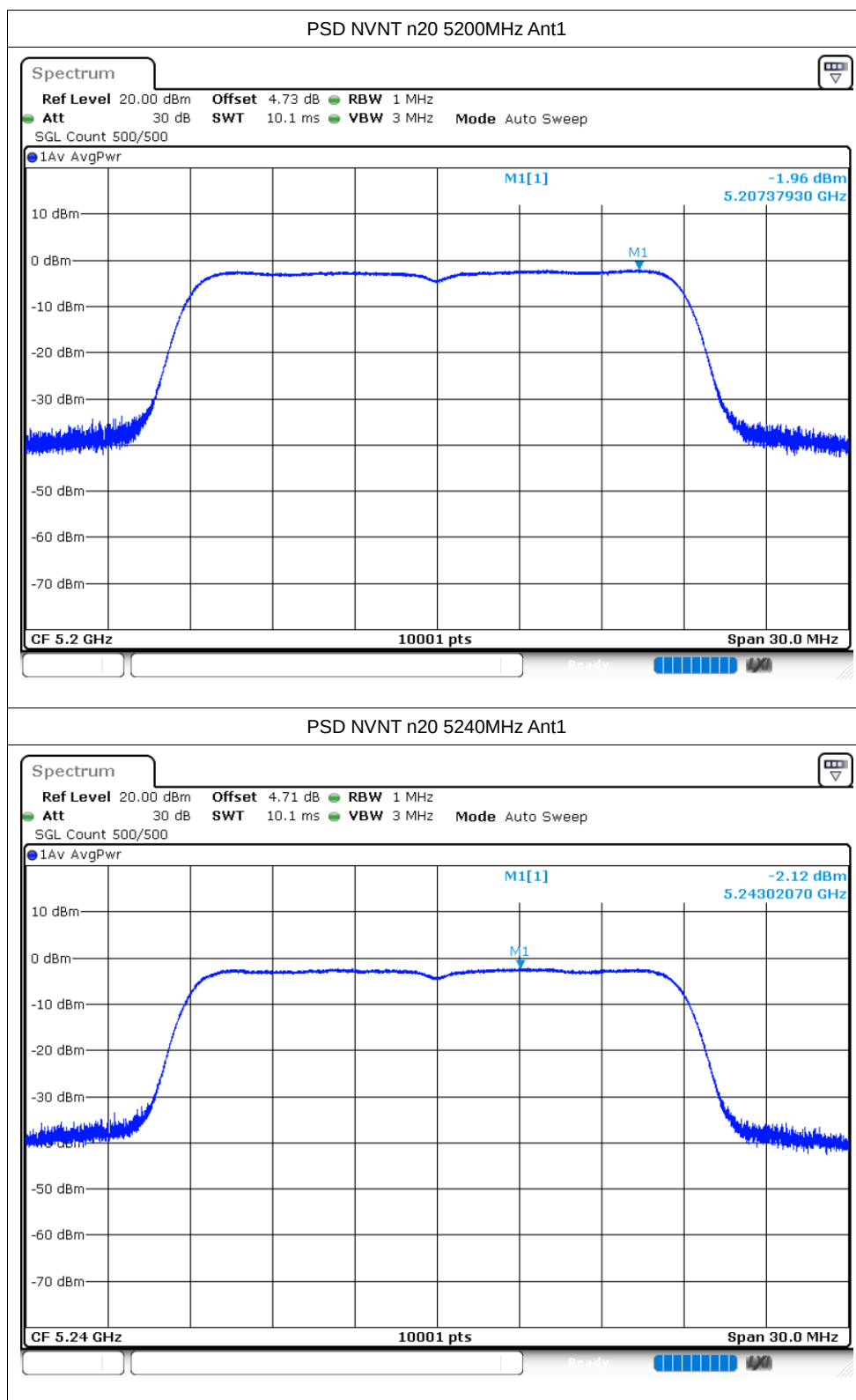
PSD NVNT a 5180MHz Ant1

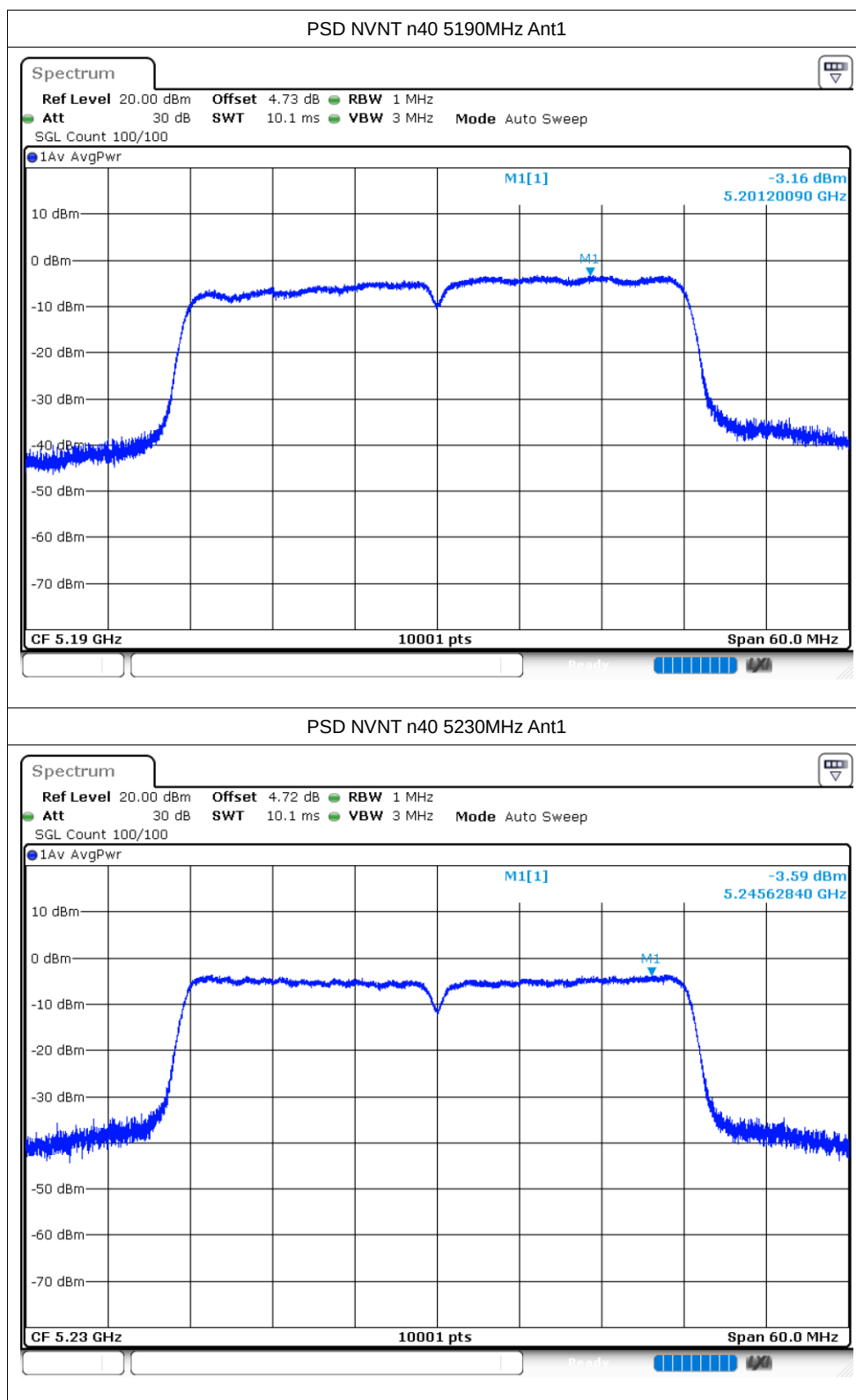


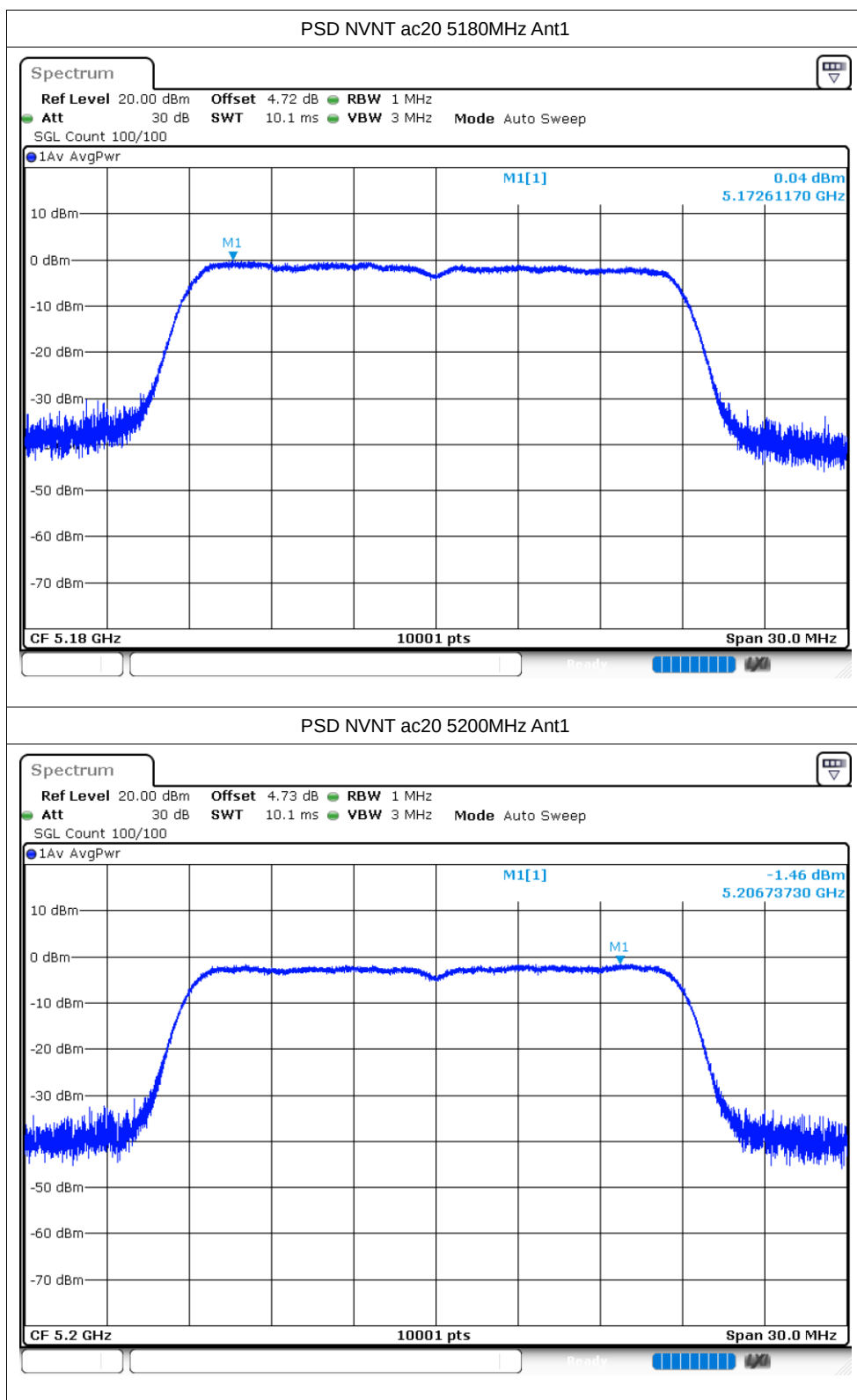
PSD NVNT a 5200MHz Ant1

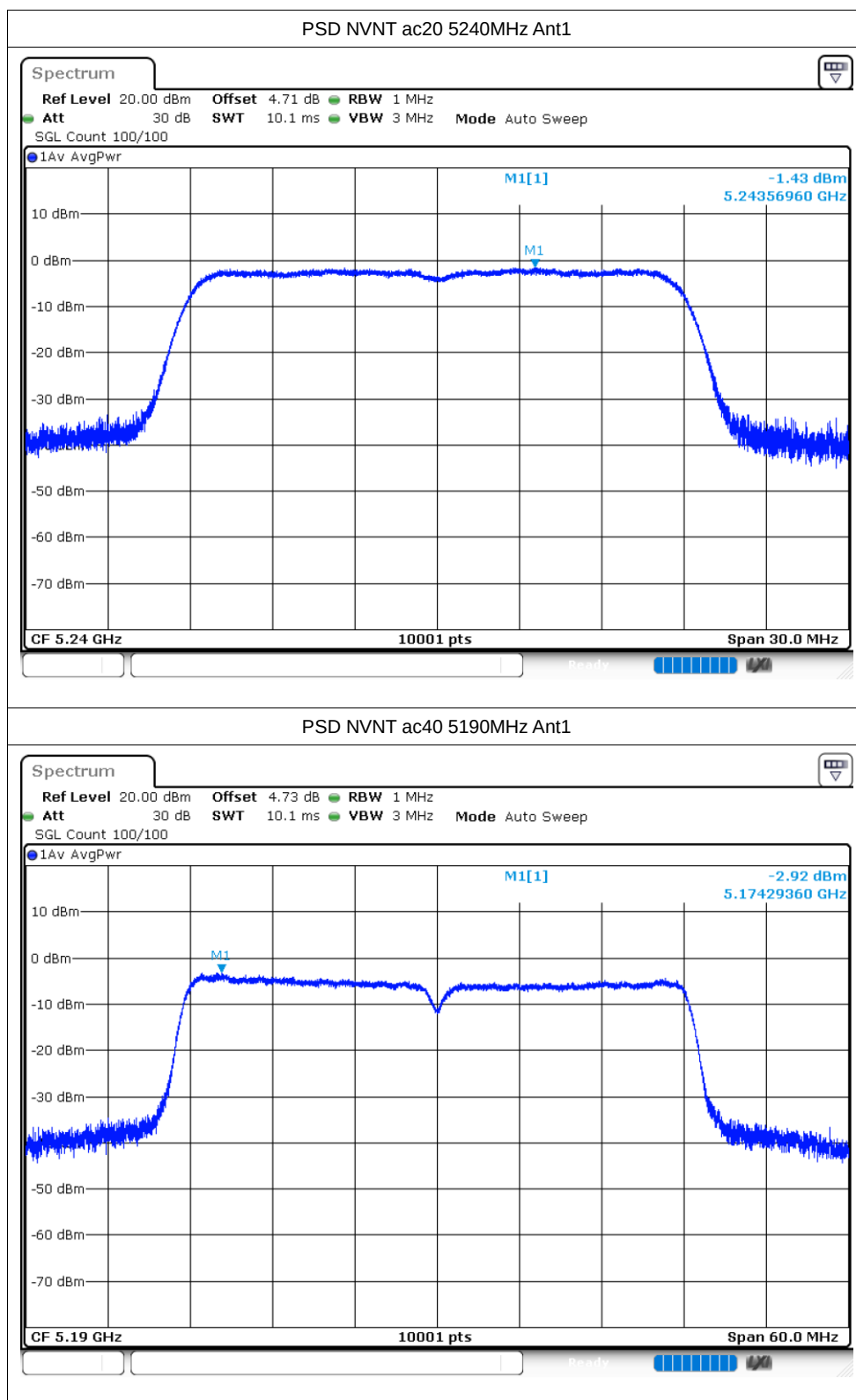


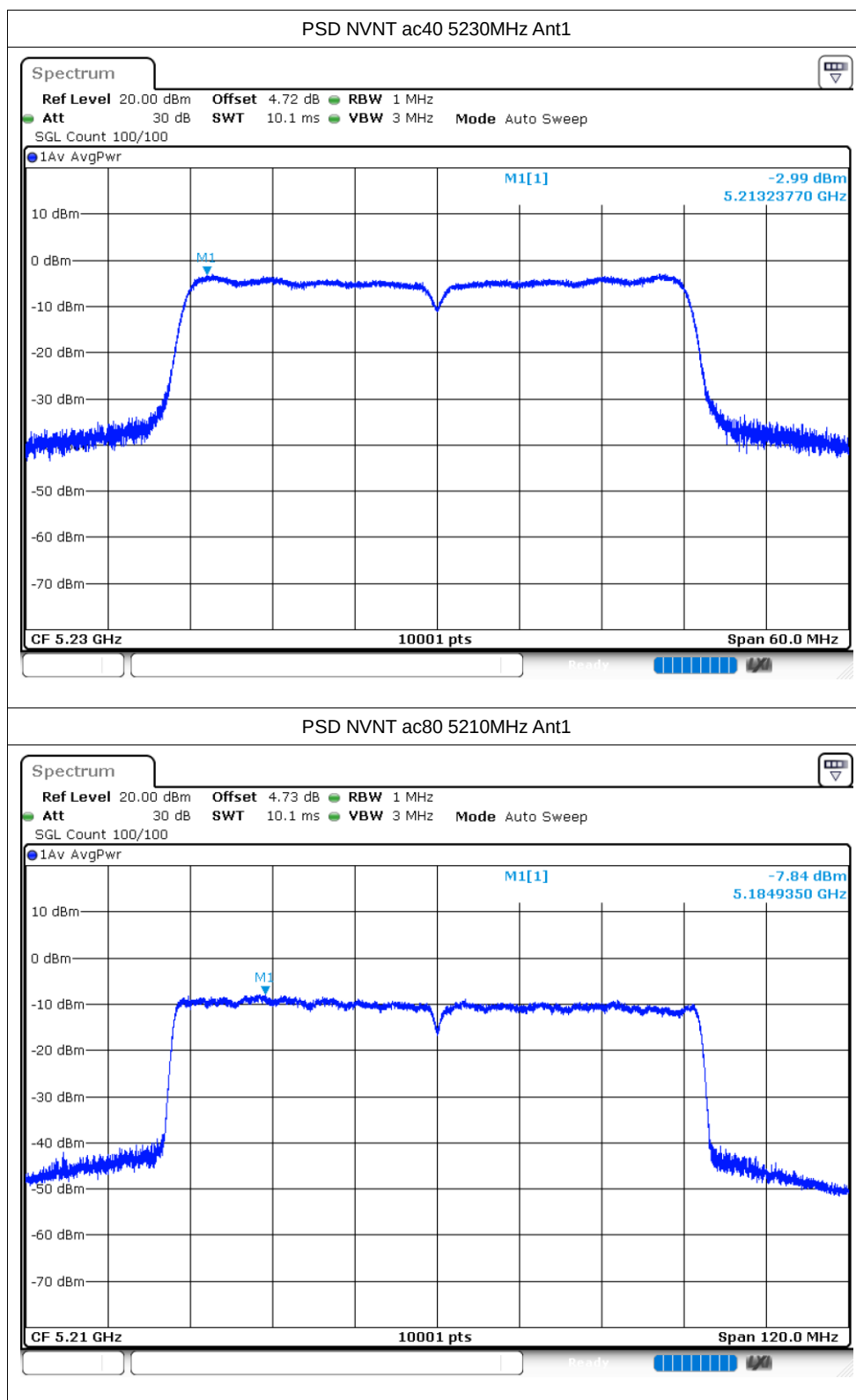










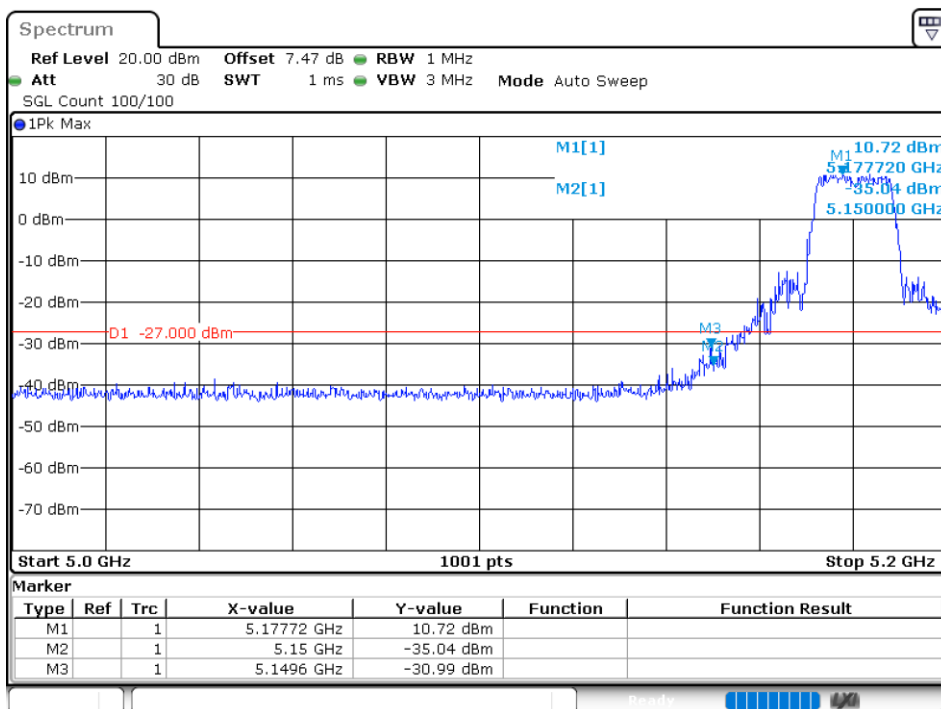


Band Edge

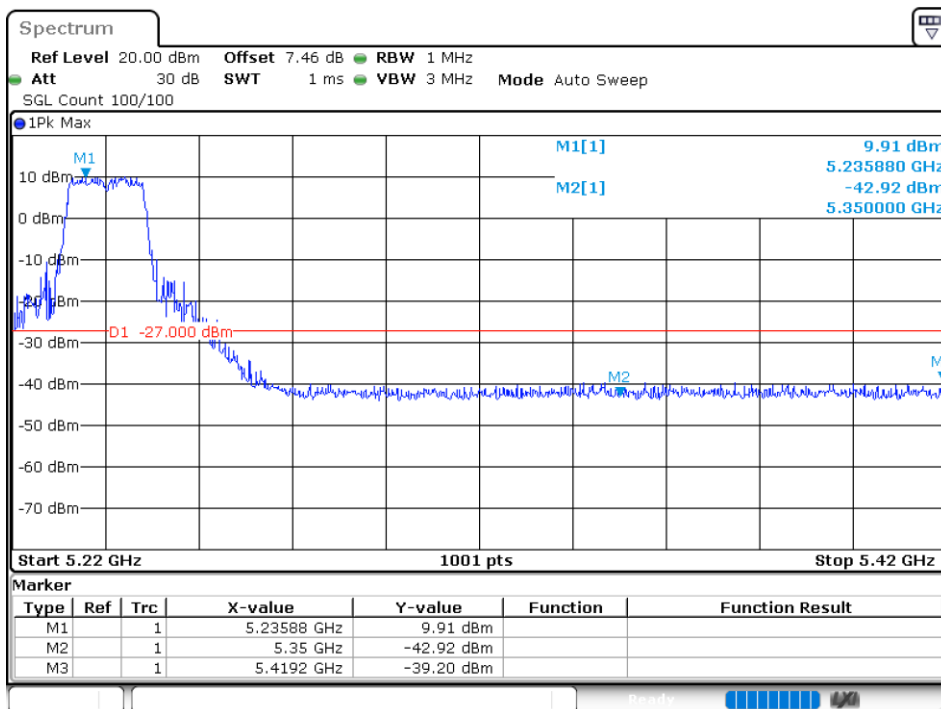
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-30.99	-27	Pass
NVNT	a	5240	Ant1	-39.19	-27	Pass
NVNT	n20	5180	Ant1	-27.4	-27	Pass
NVNT	n20	5240	Ant1	-38.91	-27	Pass
NVNT	n40	5190	Ant1	-28.93	-27	Pass
NVNT	n40	5230	Ant1	-41.57	-27	Pass
NVNT	ac20	5180	Ant1	-30.96	-27	Pass
NVNT	ac20	5240	Ant1	-38.22	-27	Pass
NVNT	ac40	5190	Ant1	-32.19	-27	Pass
NVNT	ac40	5230	Ant1	-41.69	-27	Pass
NVNT	ac80	5210	Ant1	-39.76	-27	Pass
NVNT	ac80	5210	Ant1	-32.88	-27	Pass

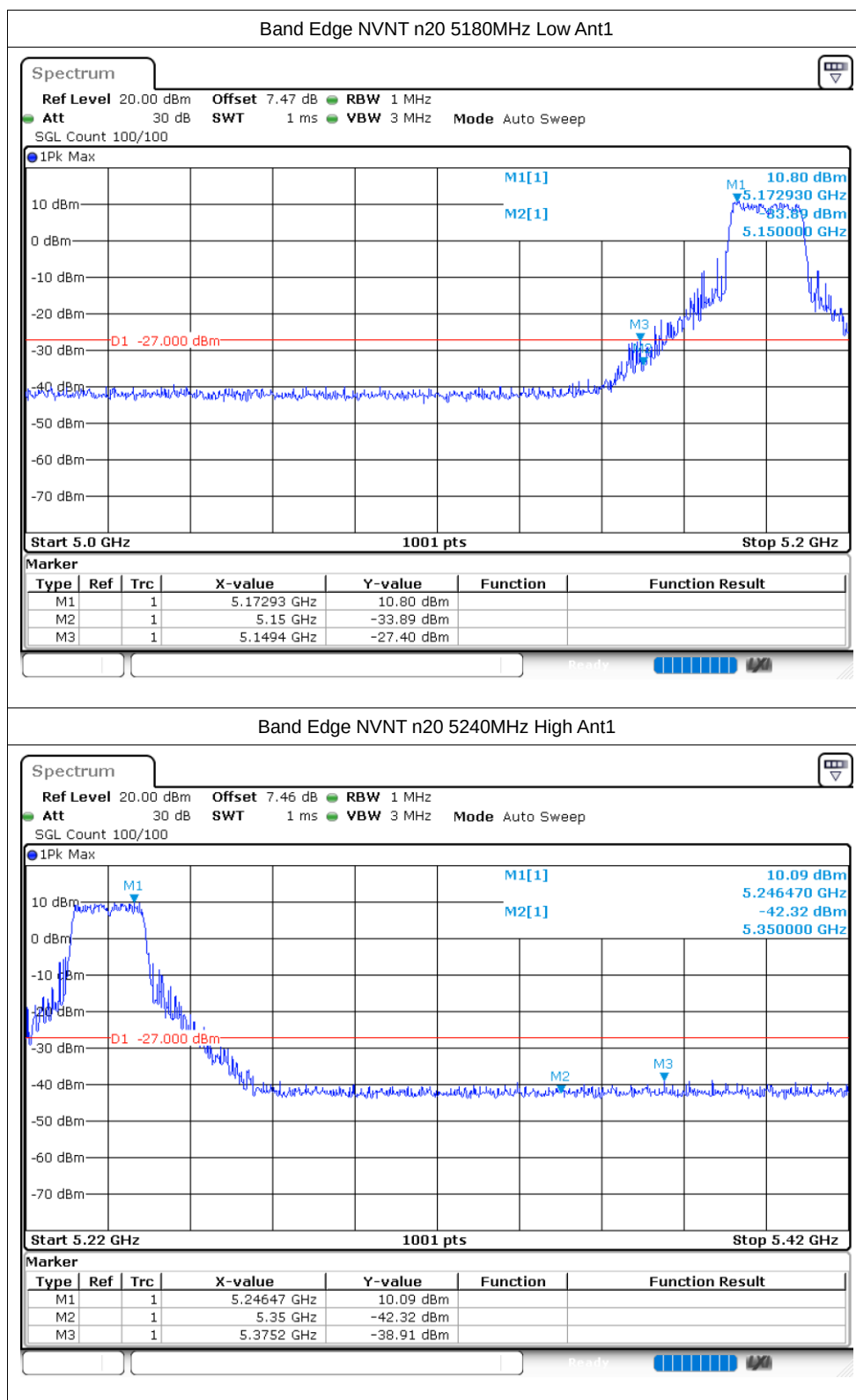
Test Graphs

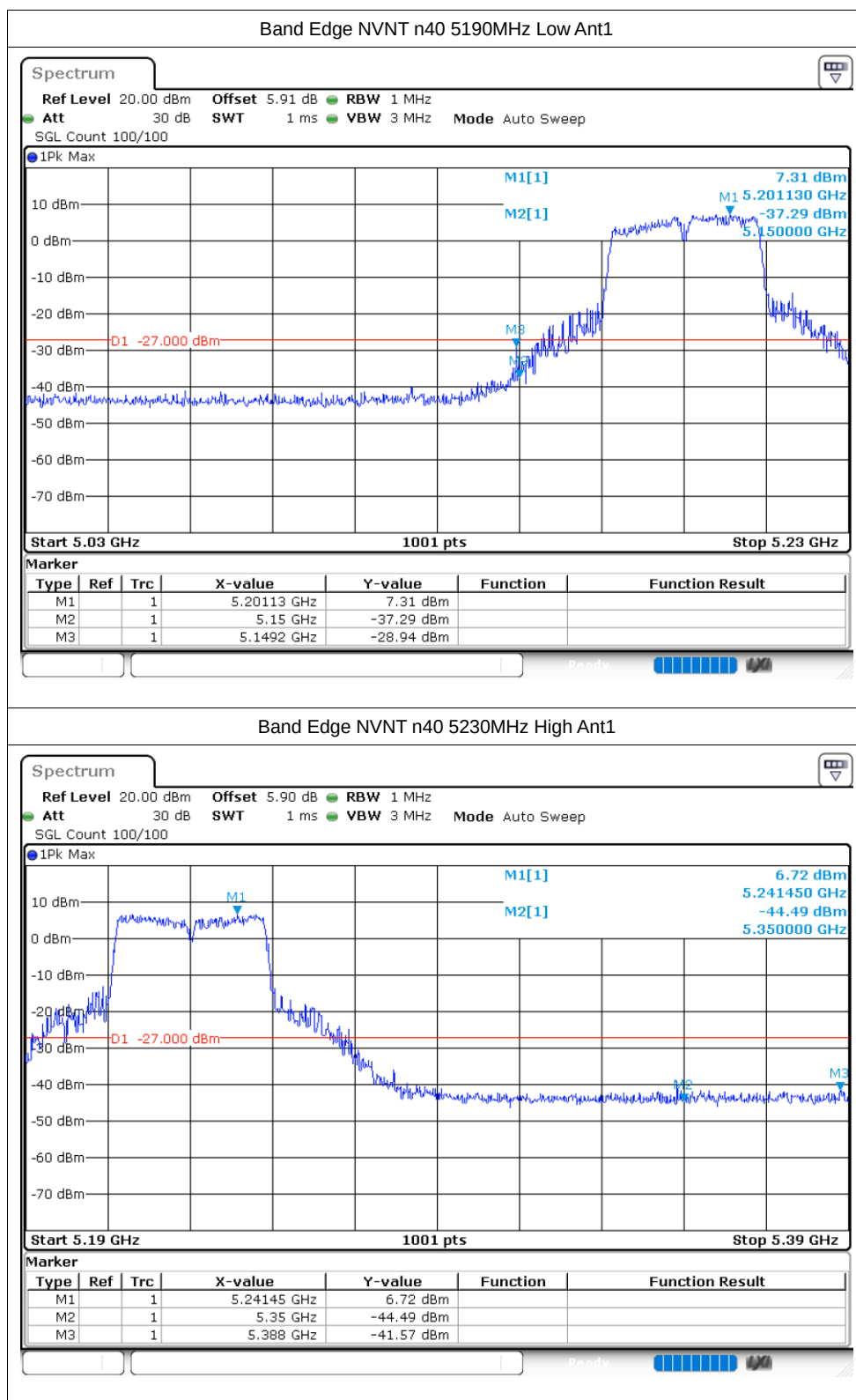
Band Edge NVNT a 5180MHz Low Ant1

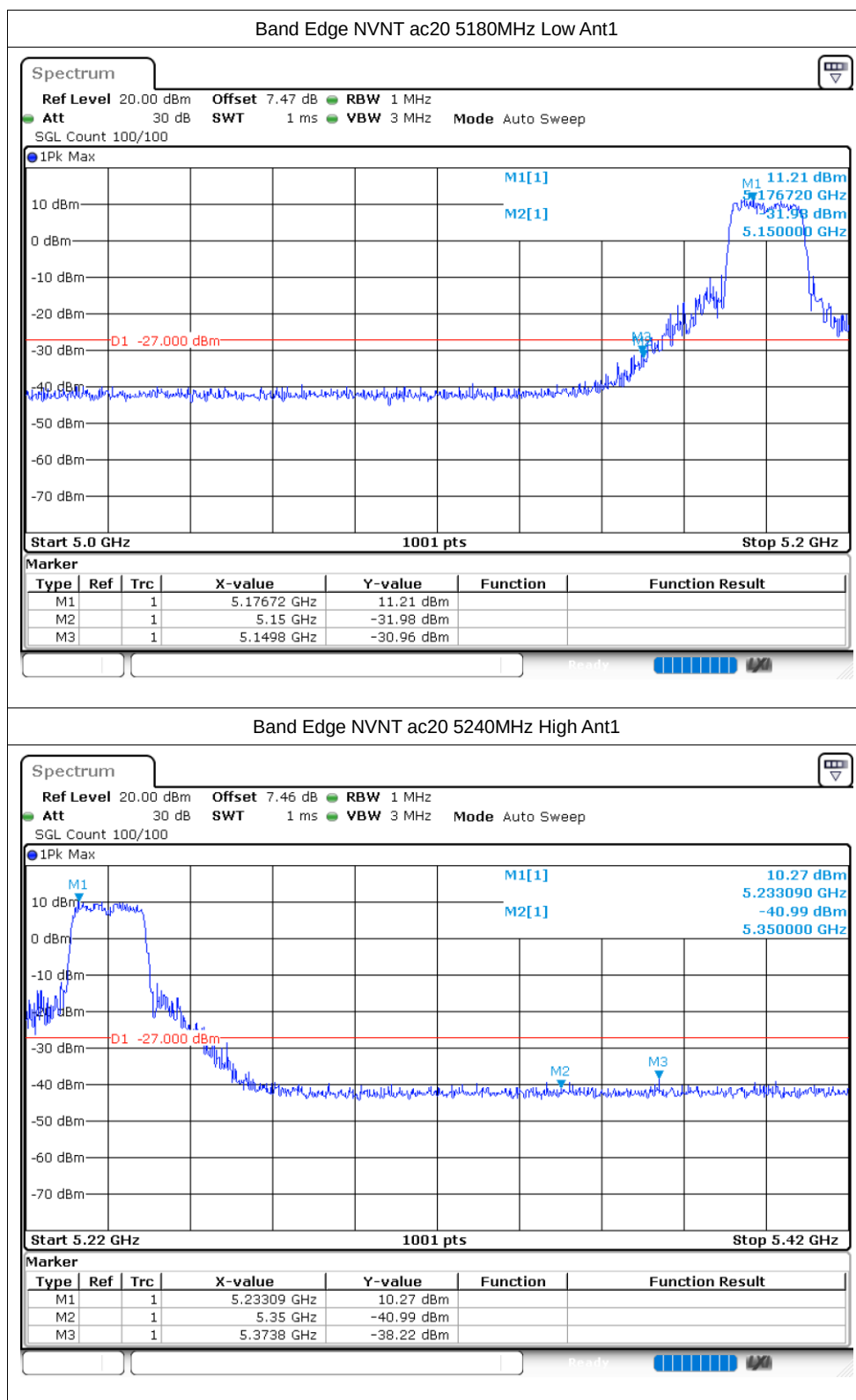


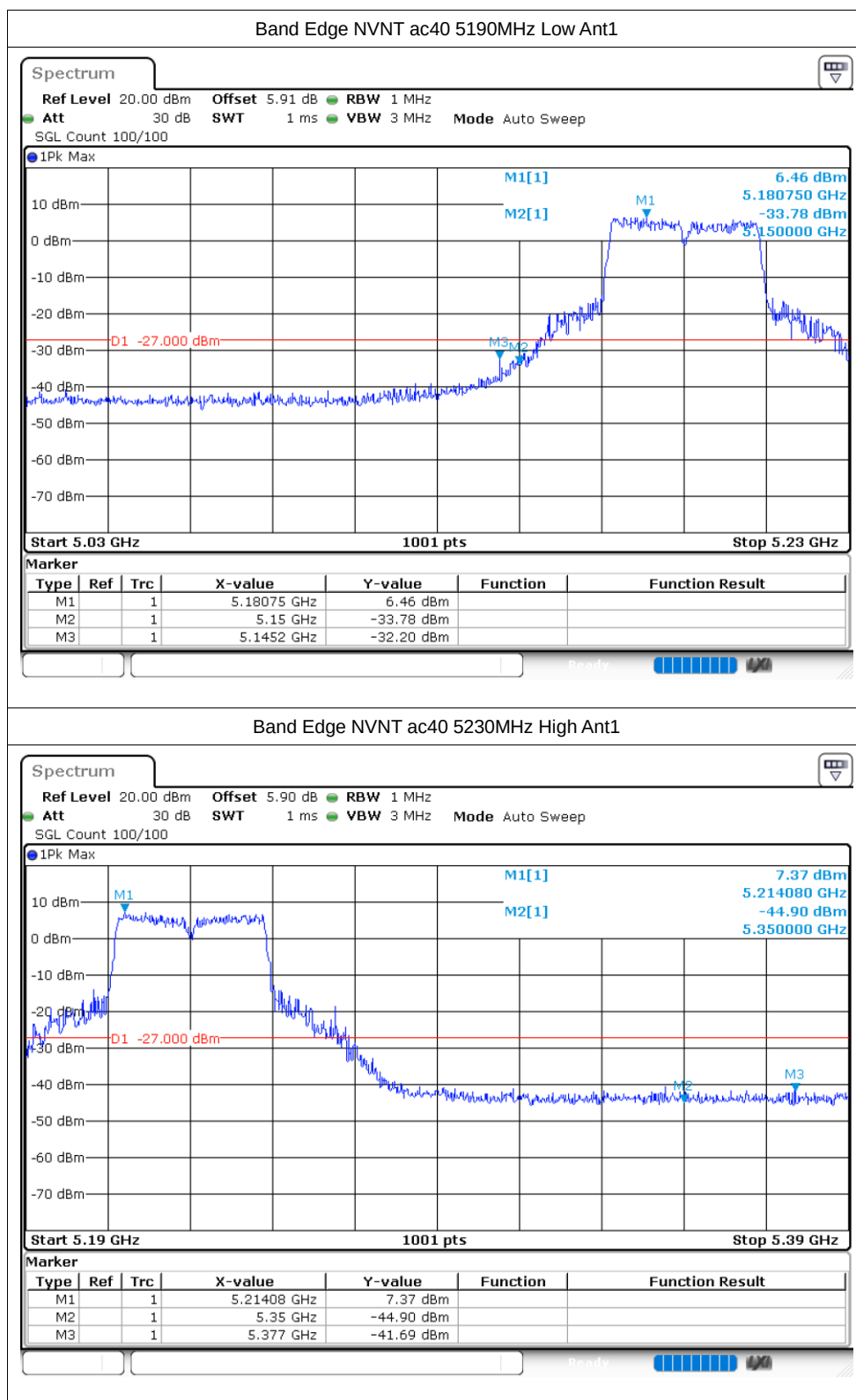
Band Edge NVNT a 5240MHz High Ant1

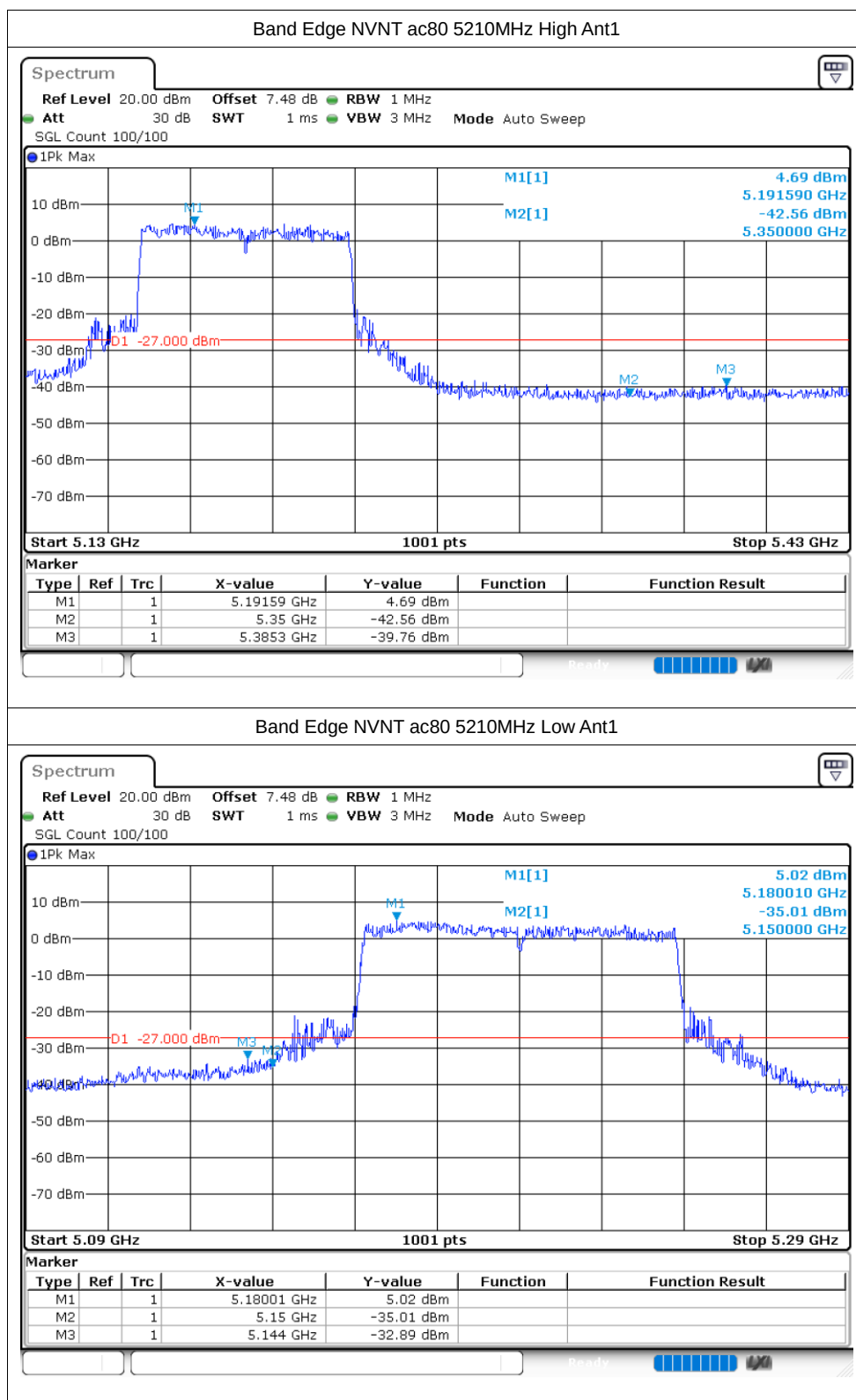










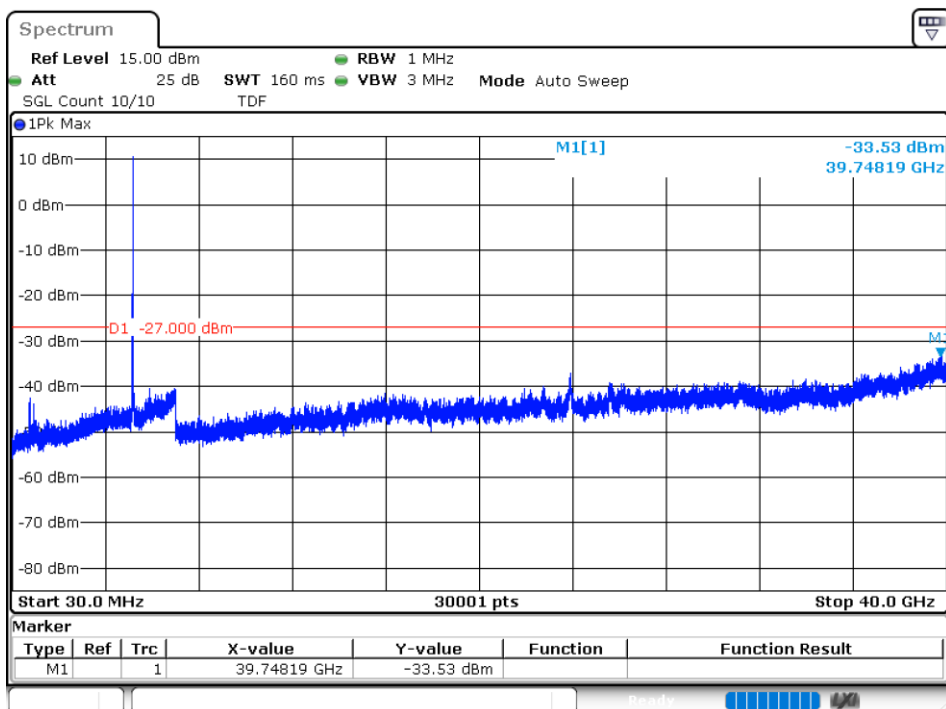


Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-33.53	-27	Pass
NVNT	a	5200	Ant1	-31.75	-27	Pass
NVNT	a	5240	Ant1	-33.03	-27	Pass
NVNT	n20	5180	Ant1	-32.19	-27	Pass
NVNT	n20	5200	Ant1	-32.1	-27	Pass
NVNT	n20	5240	Ant1	-32.28	-27	Pass
NVNT	n40	5190	Ant1	-34.75	-27	Pass
NVNT	n40	5230	Ant1	-35.4	-27	Pass
NVNT	ac20	5180	Ant1	-32.97	-27	Pass
NVNT	ac20	5200	Ant1	-33.29	-27	Pass
NVNT	ac20	5240	Ant1	-33.29	-27	Pass
NVNT	ac40	5190	Ant1	-34.47	-27	Pass
NVNT	ac40	5230	Ant1	-34.77	-27	Pass
NVNT	ac80	5210	Ant1	-32.54	-27	Pass

Test Graphs

Tx. Spurious NVNT a 5180MHz Ant1 Emission



Tx. Spurious NVNT a 5200MHz Ant1 Emission

