

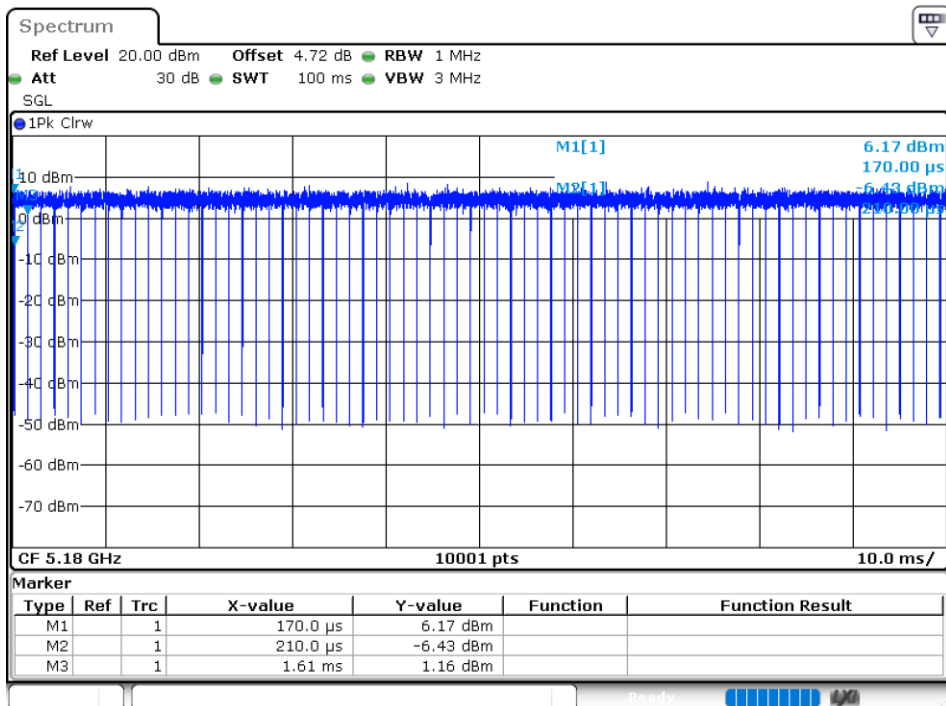
WIFI 5.2G

Duty Cycle

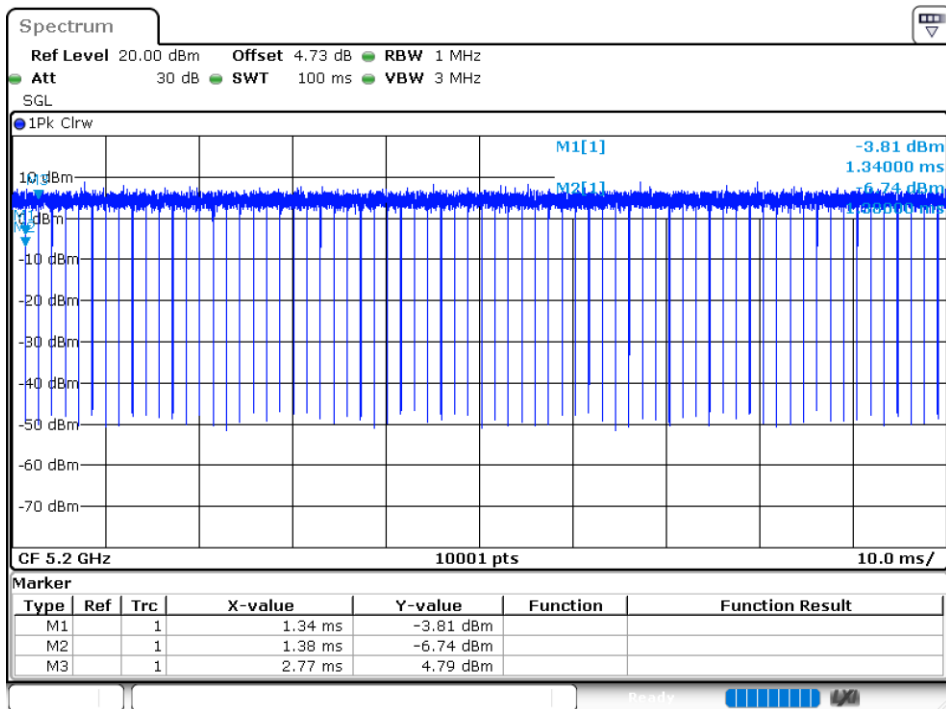
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	97.64	0.1	0.71
NVNT	a	5200	Ant1	97.68	0.1	0.72
NVNT	a	5240	Ant1	97.64	0.1	0.72
NVNT	n20	5180	Ant1	97.46	0.11	0.77
NVNT	n20	5200	Ant1	97.51	0.11	0.77
NVNT	n20	5240	Ant1	97.52	0.11	0.77
NVNT	n40	5190	Ant1	95.17	0.21	1.56
NVNT	n40	5230	Ant1	95.19	0.21	1.54
NVNT	ac20	5180	Ant1	97.51	0.11	0.76
NVNT	ac20	5200	Ant1	97.51	0.11	0.76
NVNT	ac20	5240	Ant1	97.5	0.11	0.76
NVNT	ac40	5190	Ant1	95.22	0.21	1.52
NVNT	ac40	5230	Ant1	95.21	0.21	1.54
NVNT	ac80	5210	Ant1	89.61	0.48	3.03

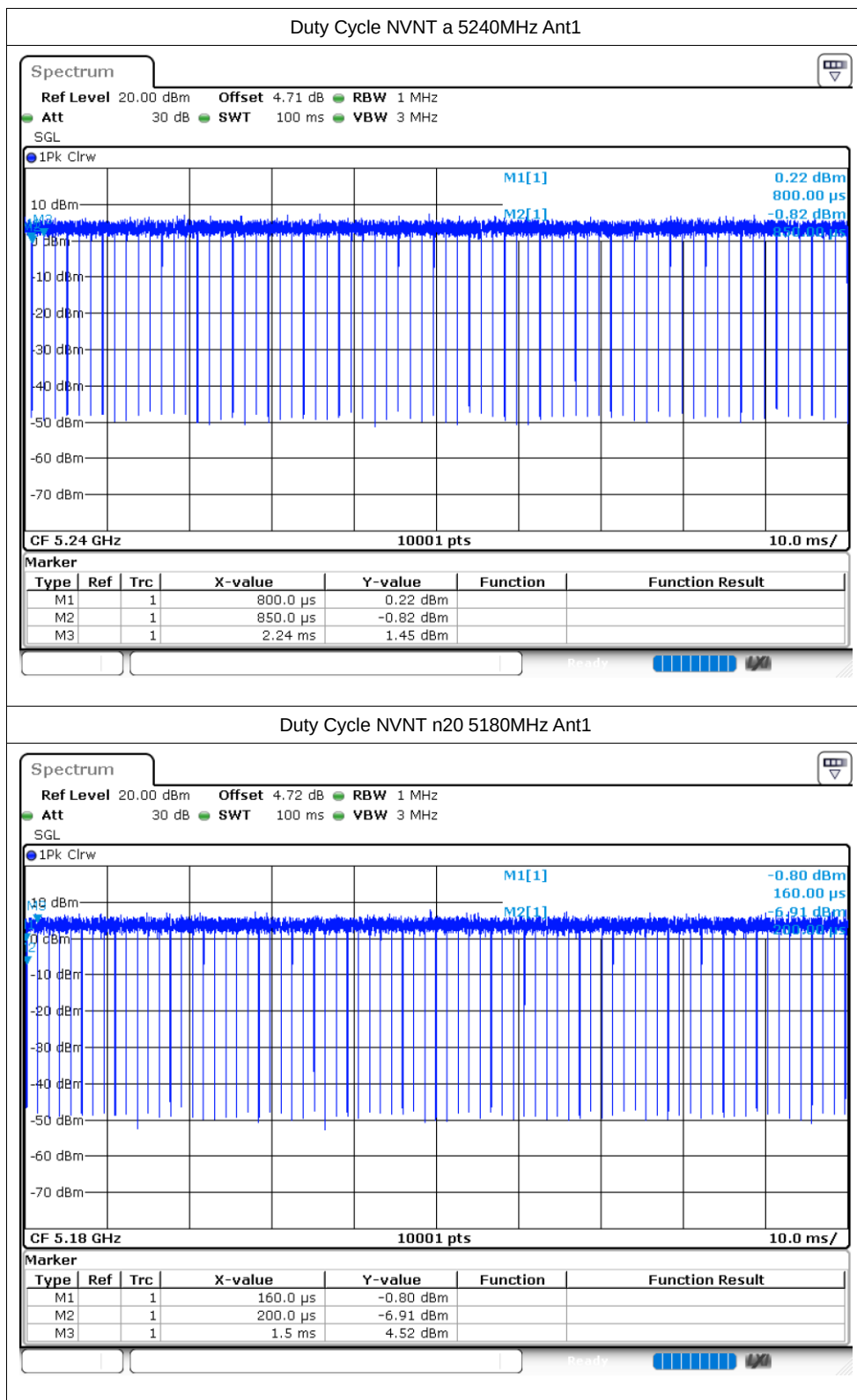
Test Graphs

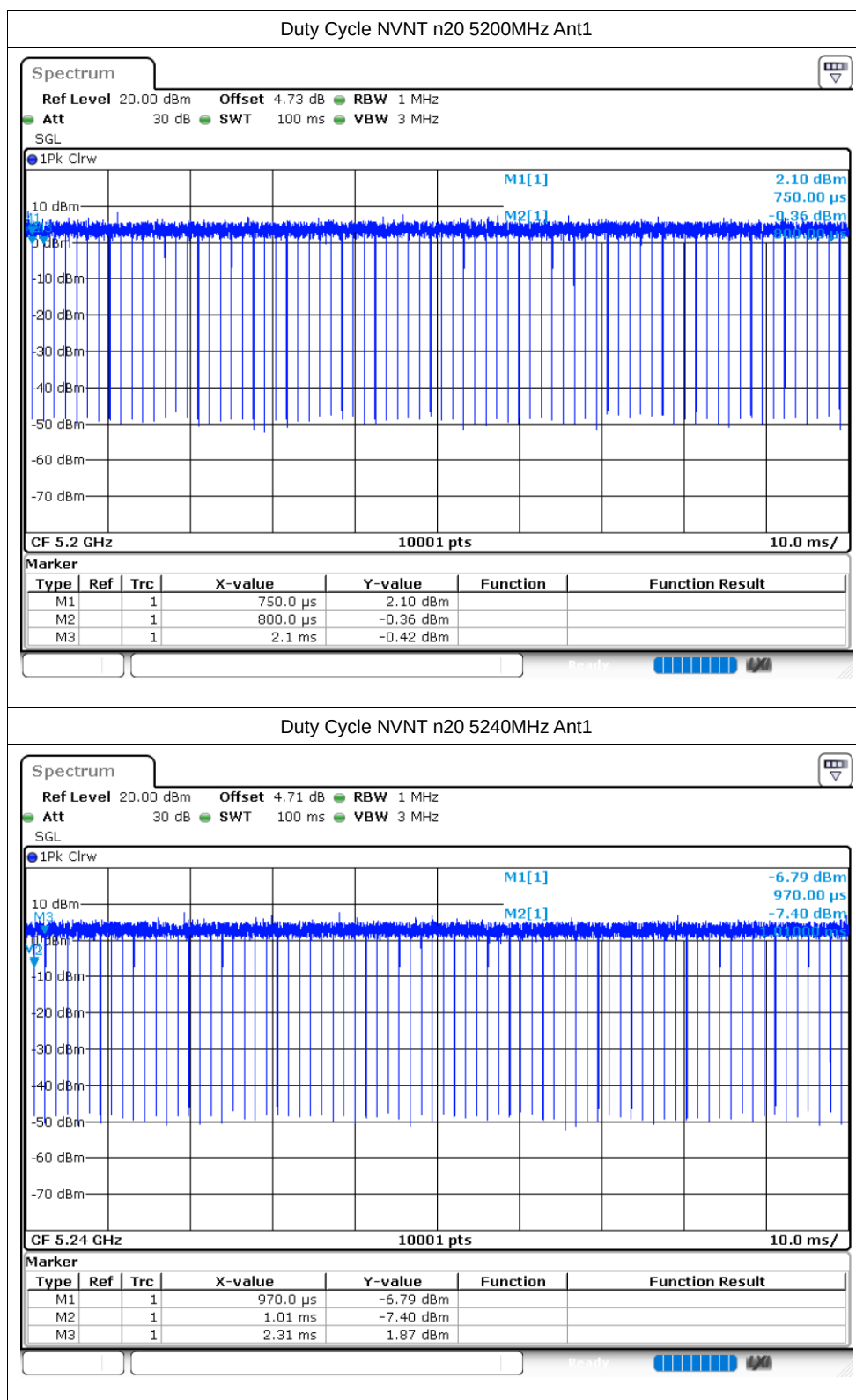
Duty Cycle NVNT a 5180MHz Ant1

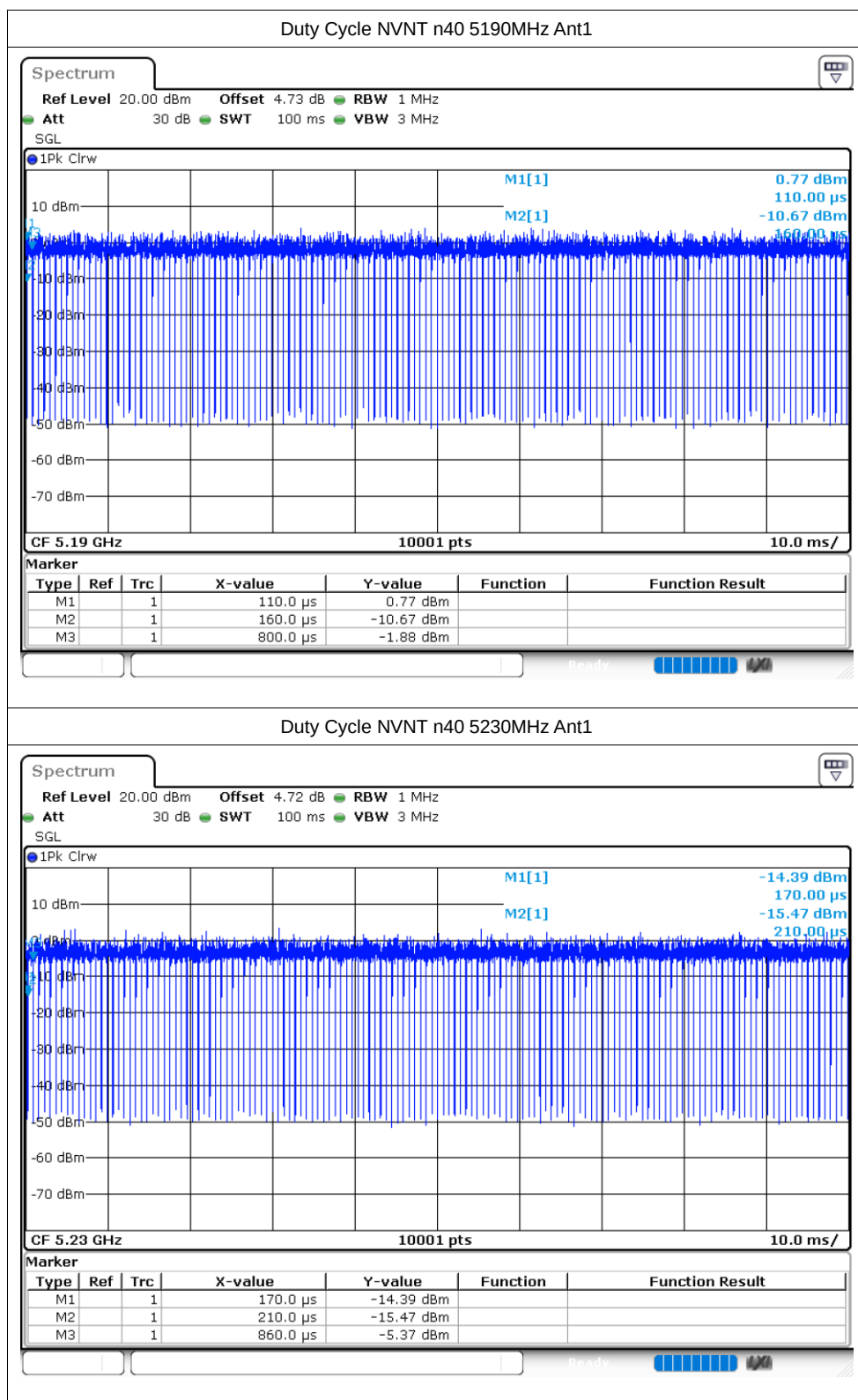


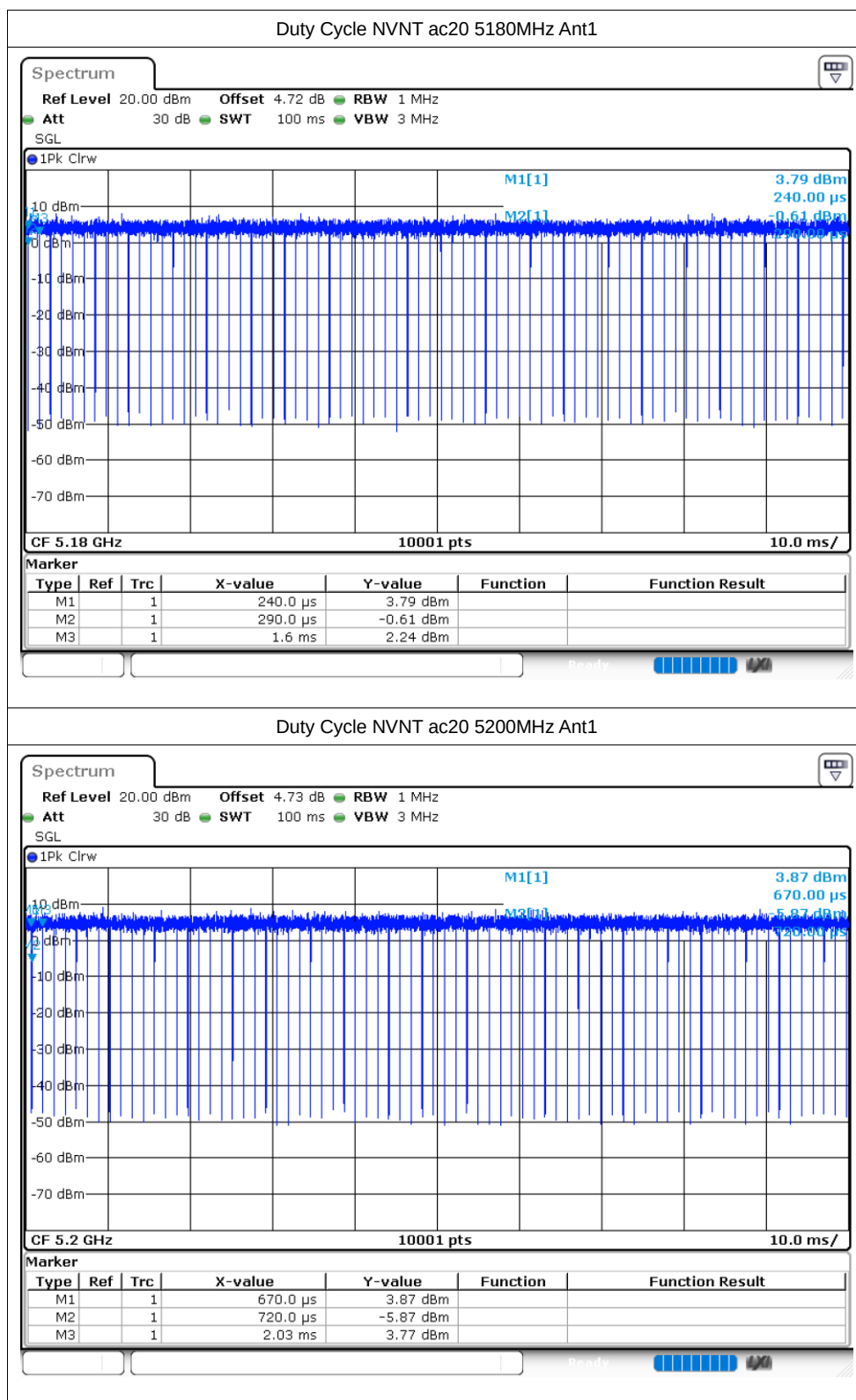
Duty Cycle NVNT a 5200MHz Ant1

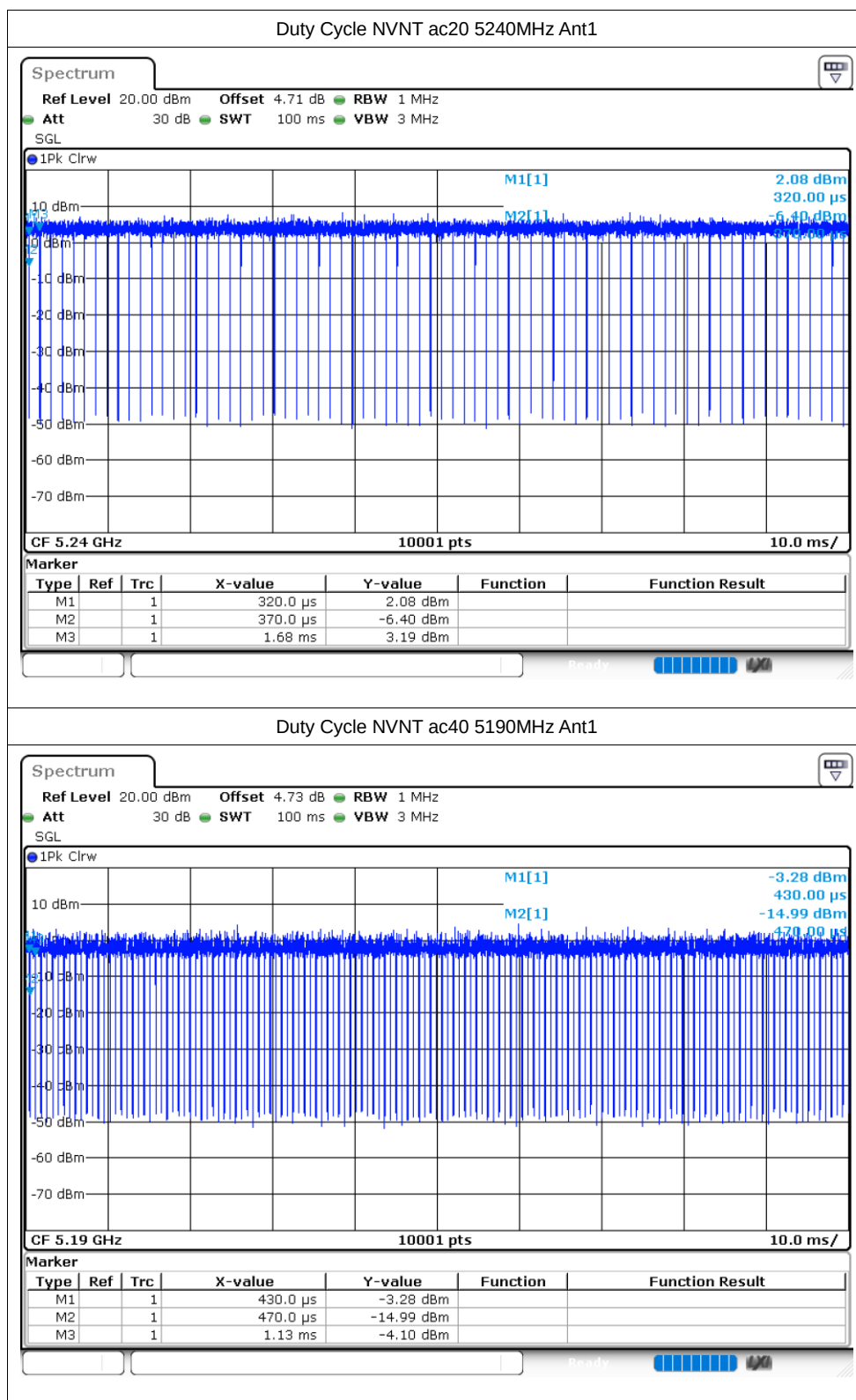


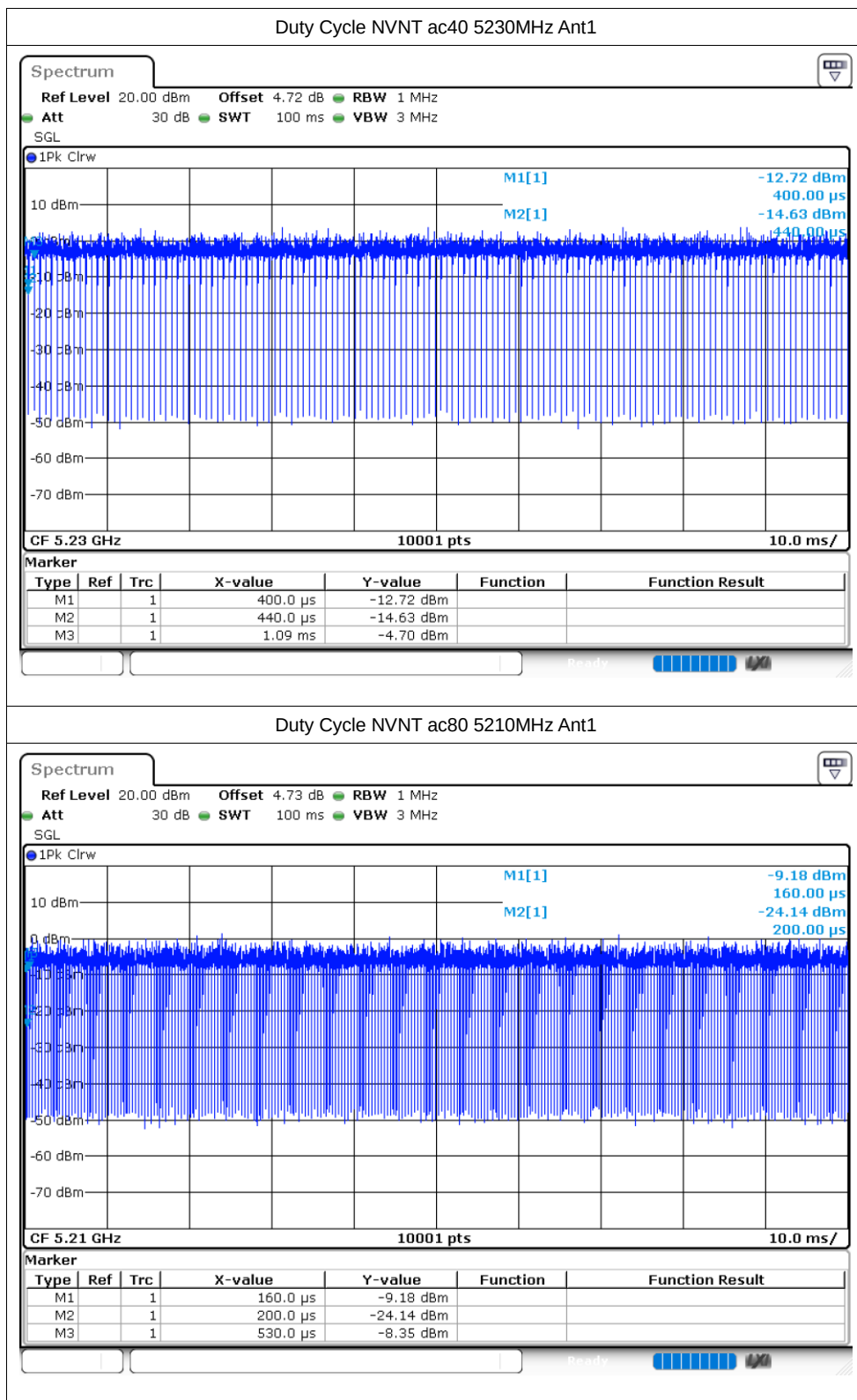












Maximum Conducted Output Power

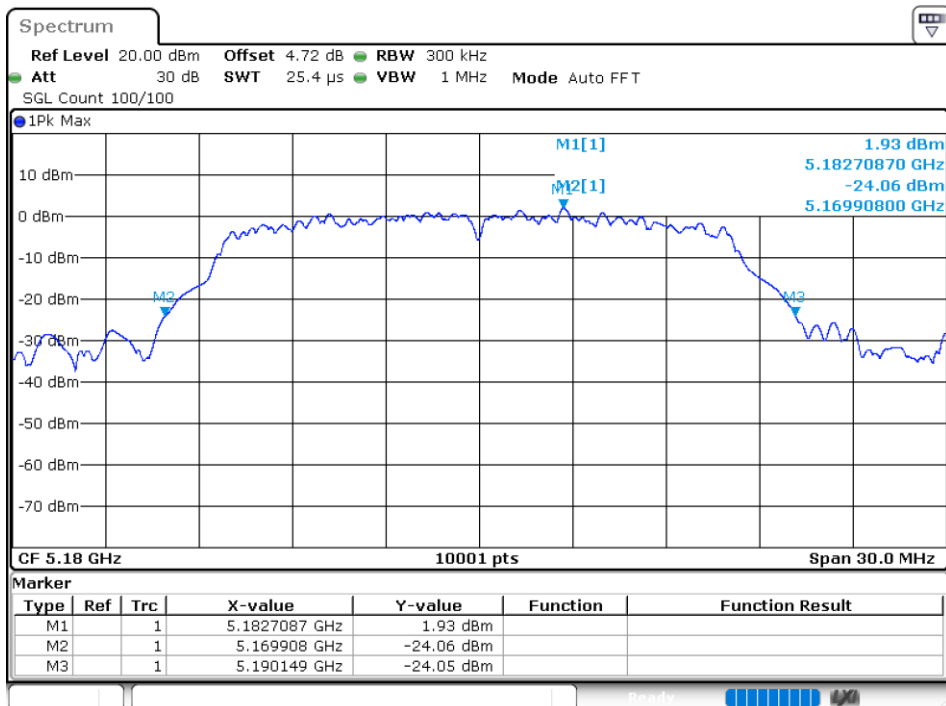
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	10.31	0.1	10.41	24	Pass
NVNT	a	5200	Ant1	10.65	0.1	10.75	24	Pass
NVNT	a	5240	Ant1	10.56	0.1	10.66	24	Pass
NVNT	n20	5180	Ant1	10.12	0.11	10.23	24	Pass
NVNT	n20	5200	Ant1	10.14	0.11	10.25	24	Pass
NVNT	n20	5240	Ant1	10.89	0.11	11	24	Pass
NVNT	n40	5190	Ant1	10.69	0.21	10.9	24	Pass
NVNT	n40	5230	Ant1	10.47	0.21	10.68	24	Pass
NVNT	ac20	5180	Ant1	10.21	0.11	10.32	24	Pass
NVNT	ac20	5200	Ant1	10.9	0.11	11.01	24	Pass
NVNT	ac20	5240	Ant1	11.52	0.11	11.63	24	Pass
NVNT	ac40	5190	Ant1	10.49	0.21	10.7	24	Pass
NVNT	ac40	5230	Ant1	11.14	0.21	11.35	24	Pass
NVNT	ac80	5210	Ant1	10.72	0.48	11.2	24	Pass

-26dB Bandwidth

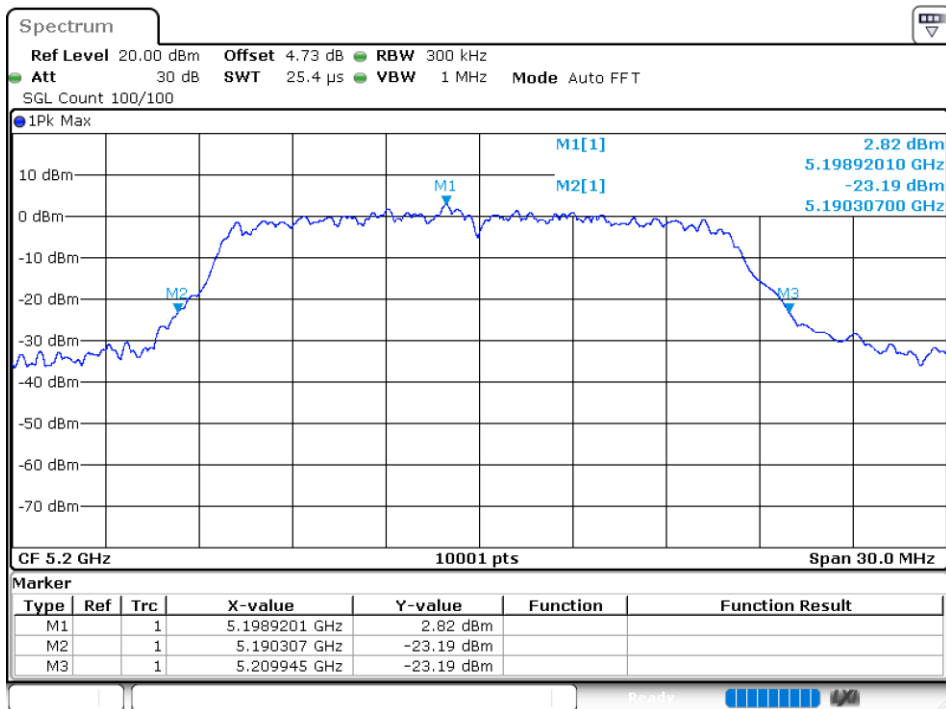
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.241	0.5	Pass
NVNT	a	5200	Ant1	19.638	0.5	Pass
NVNT	a	5240	Ant1	20.058	0.5	Pass
NVNT	n20	5180	Ant1	22.584	0.5	Pass
NVNT	n20	5200	Ant1	19.953	0.5	Pass
NVNT	n20	5240	Ant1	19.926	0.5	Pass
NVNT	n40	5190	Ant1	48.33	0.5	Pass
NVNT	n40	5230	Ant1	45	0.5	Pass
NVNT	ac20	5180	Ant1	20.991	0.5	Pass
NVNT	ac20	5200	Ant1	20.211	0.5	Pass
NVNT	ac20	5240	Ant1	20.268	0.5	Pass
NVNT	ac40	5190	Ant1	40.932	0.5	Pass
NVNT	ac40	5230	Ant1	40.746	0.5	Pass
NVNT	ac80	5210	Ant1	87.312	0.5	Pass

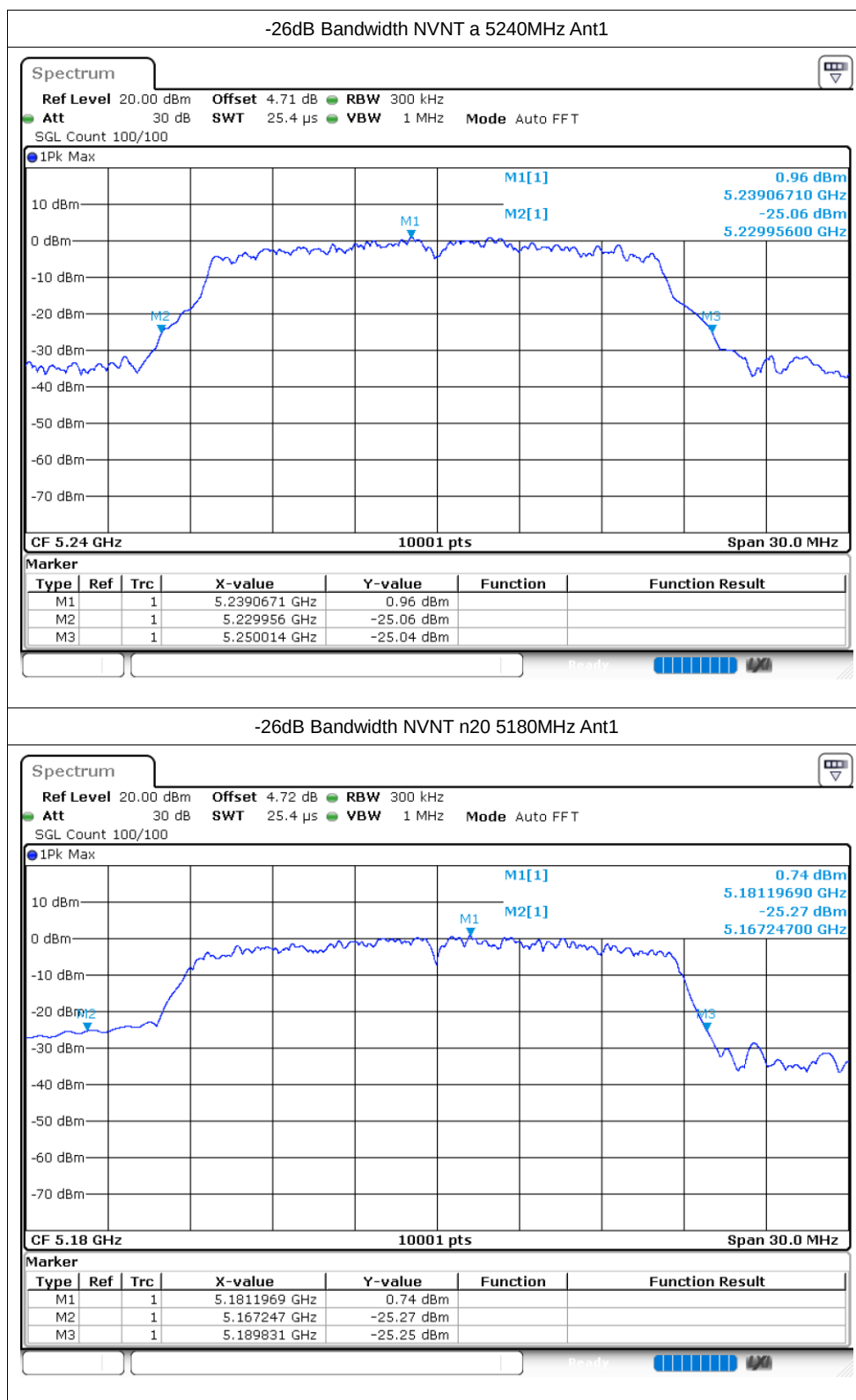
Test Graphs

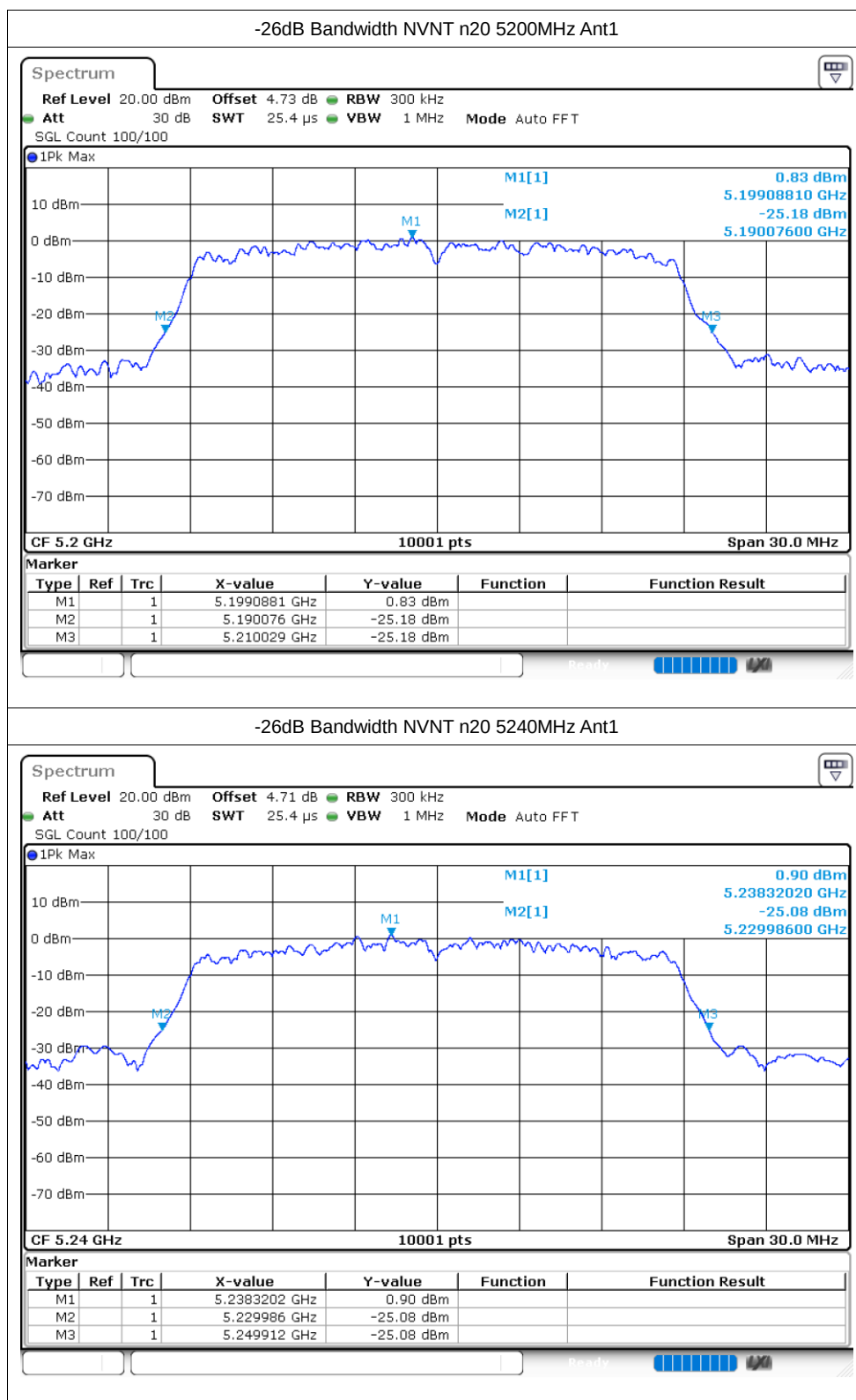
-26dB Bandwidth NVNT a 5180MHz Ant1

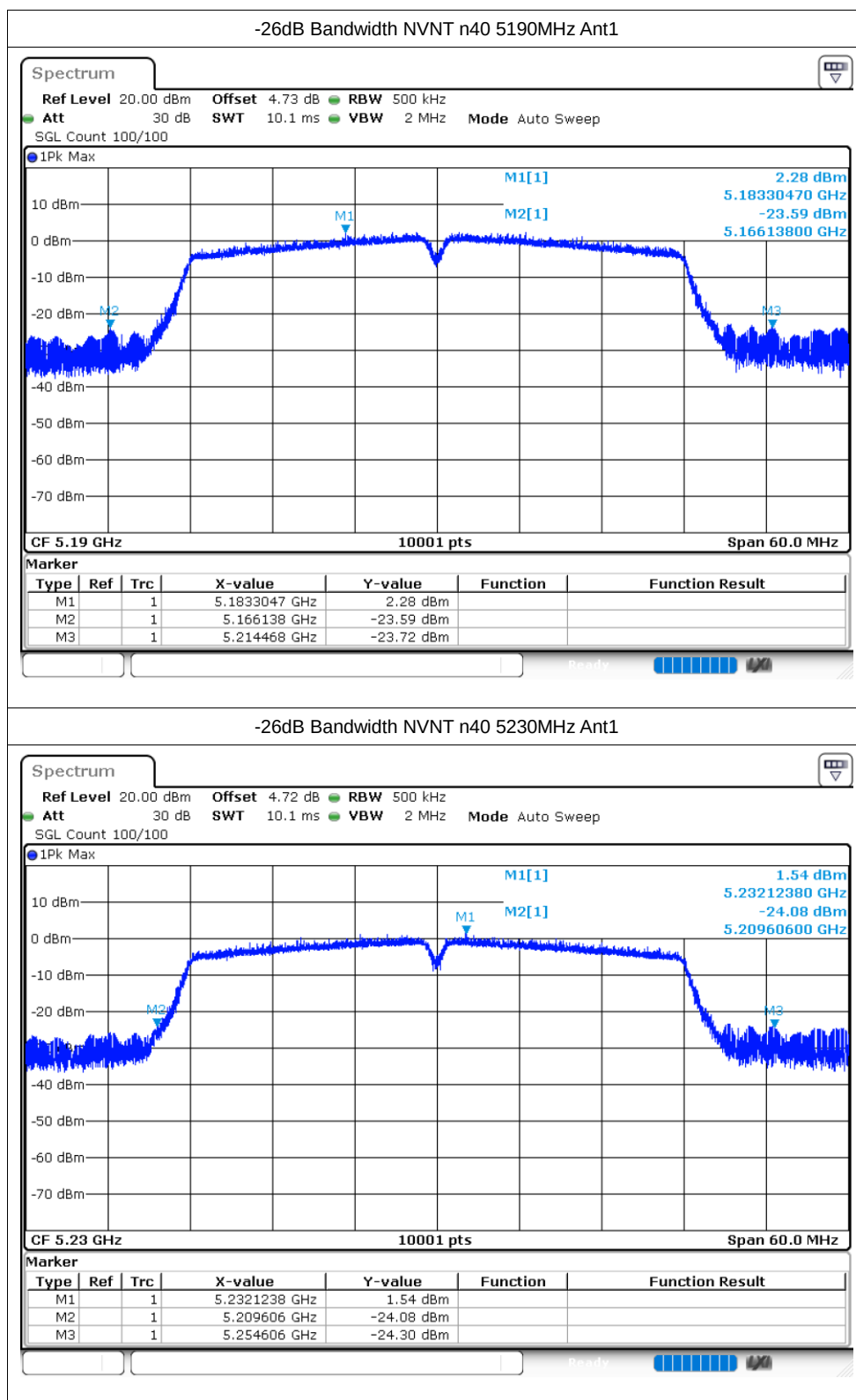


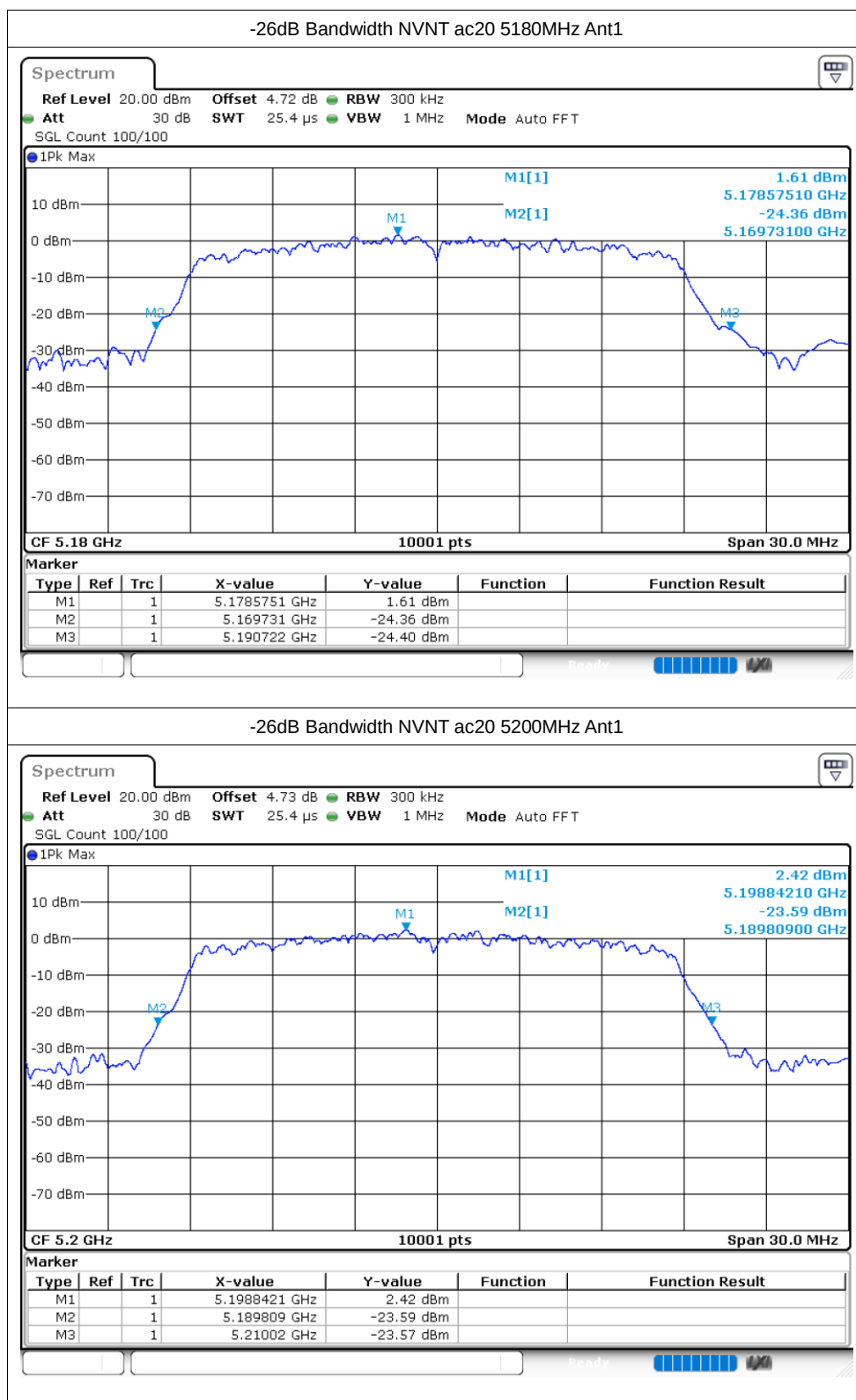
-26dB Bandwidth NVNT a 5200MHz Ant1

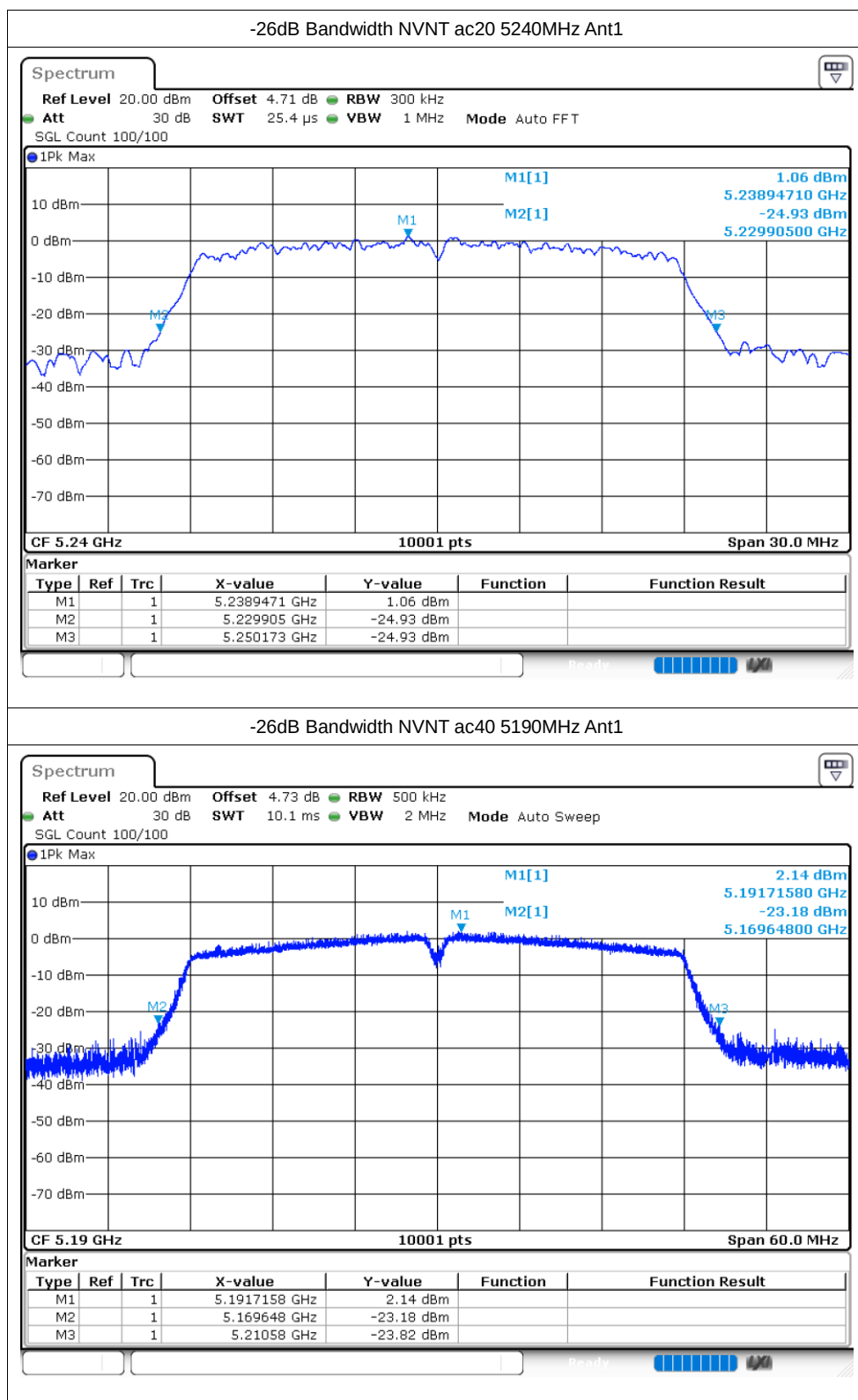


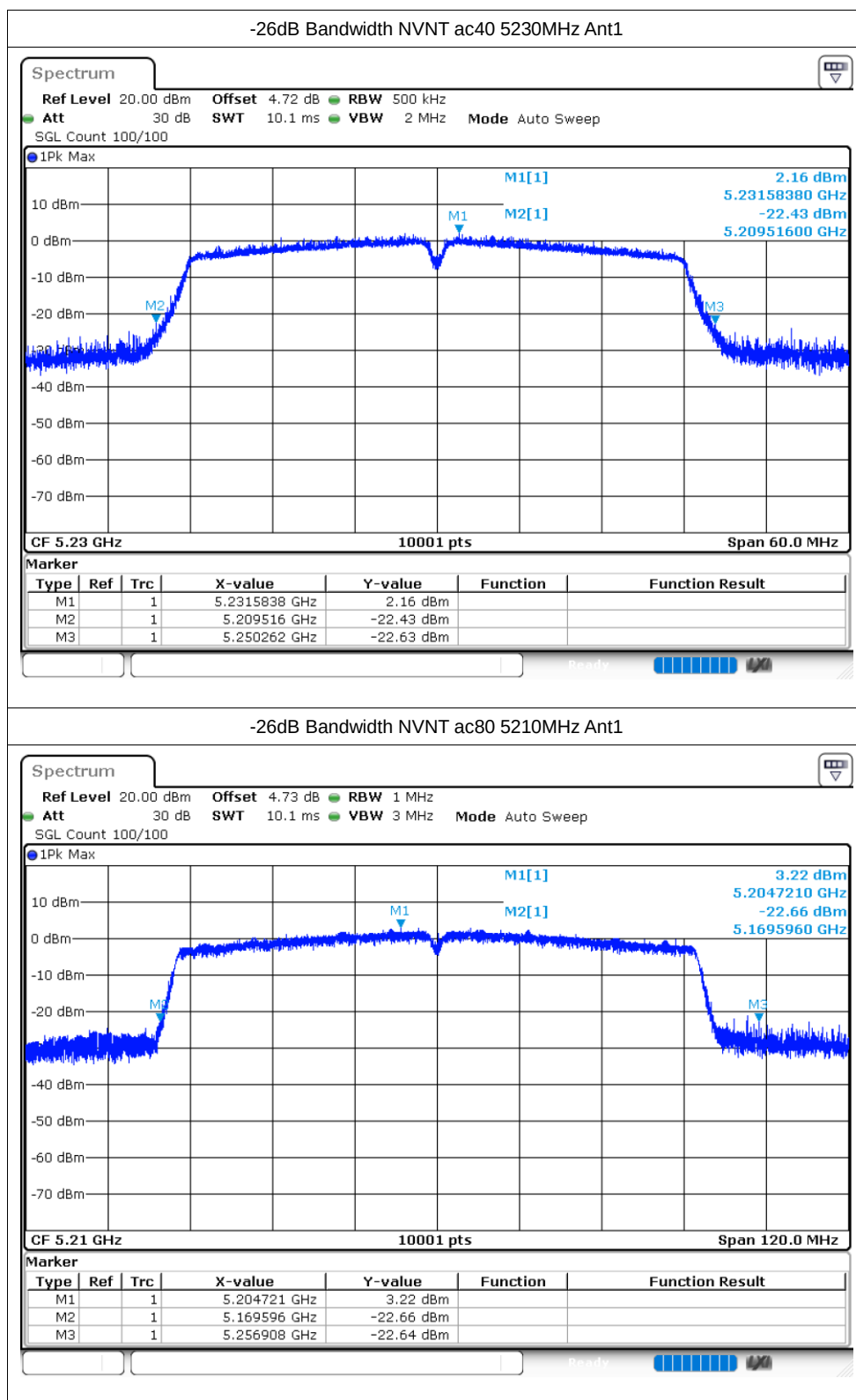










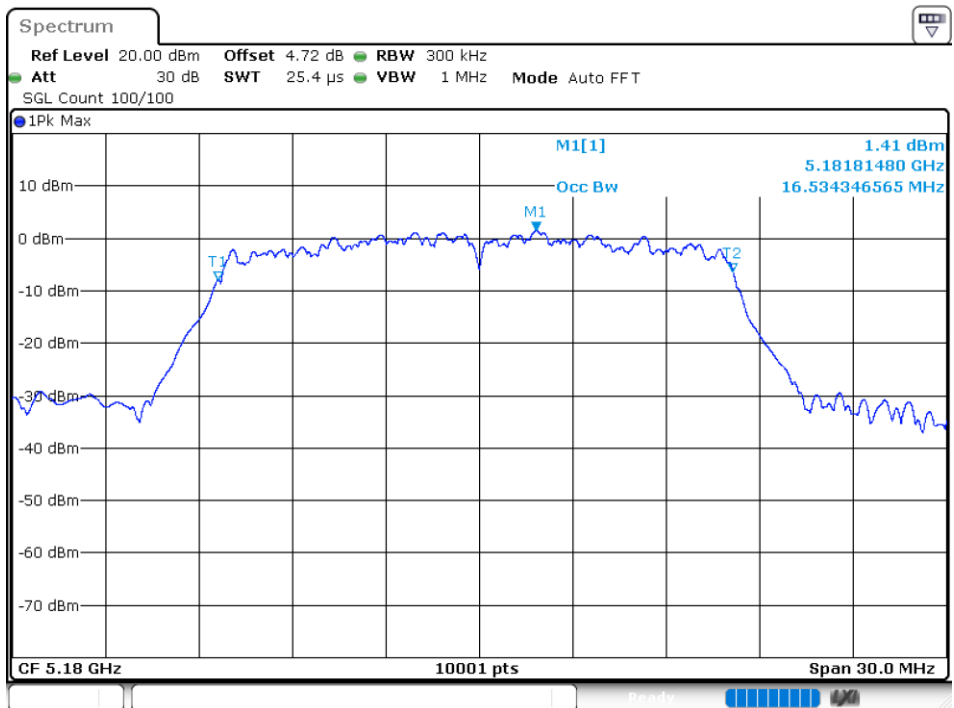


Occupied Channel Bandwidth

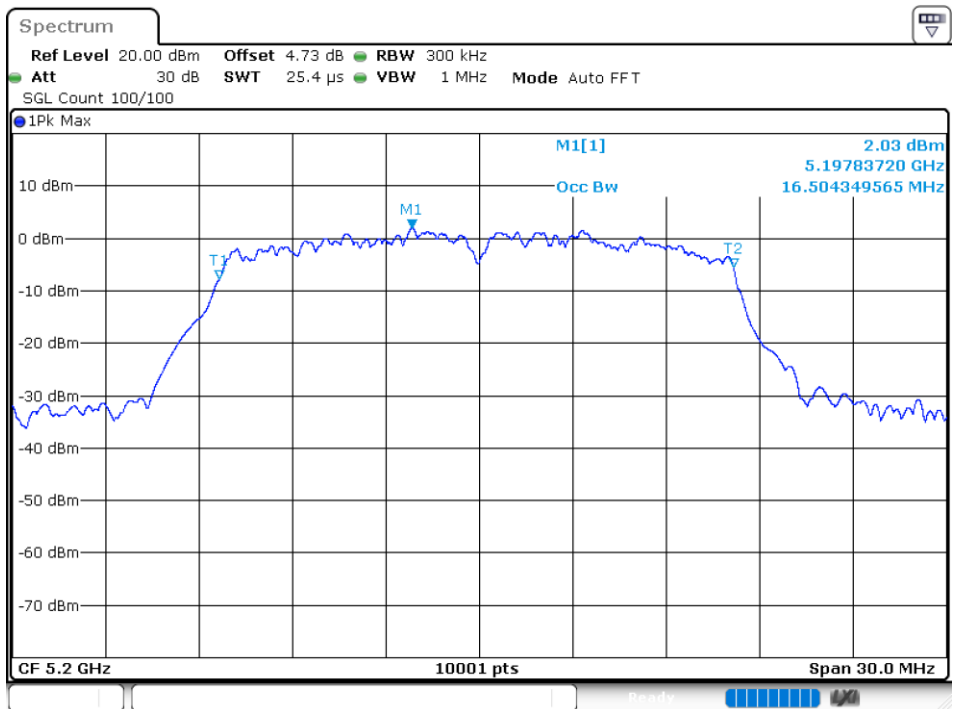
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.534
NVNT	a	5200	Ant1	16.504
NVNT	a	5240	Ant1	16.699
NVNT	n20	5180	Ant1	17.563
NVNT	n20	5200	Ant1	17.479
NVNT	n20	5240	Ant1	17.539
NVNT	n40	5190	Ant1	36.014
NVNT	n40	5230	Ant1	36.11
NVNT	ac20	5180	Ant1	17.689
NVNT	ac20	5200	Ant1	17.704
NVNT	ac20	5240	Ant1	17.785
NVNT	ac40	5190	Ant1	35.972
NVNT	ac40	5230	Ant1	36.032
NVNT	ac80	5210	Ant1	75.148

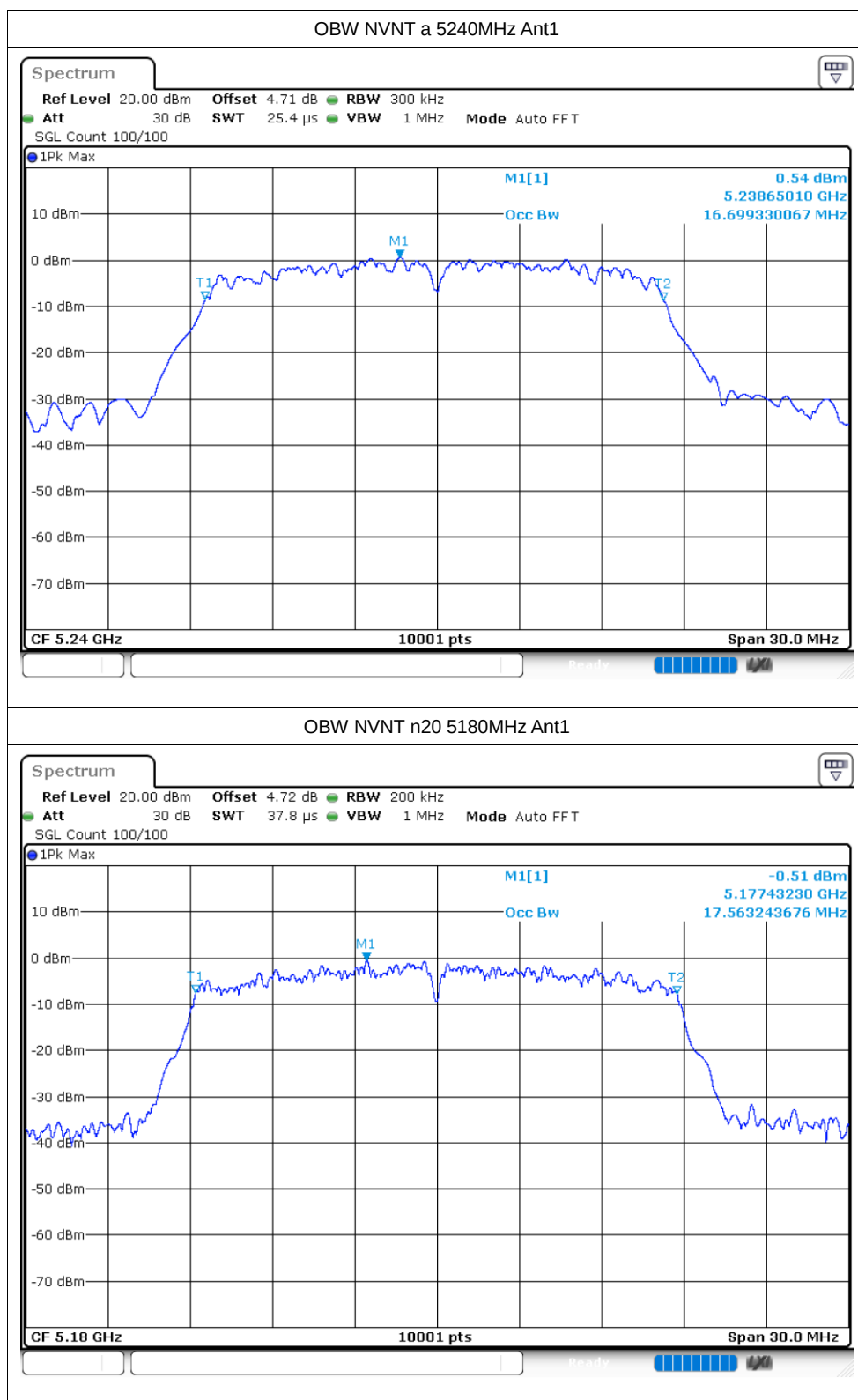
Test Graphs

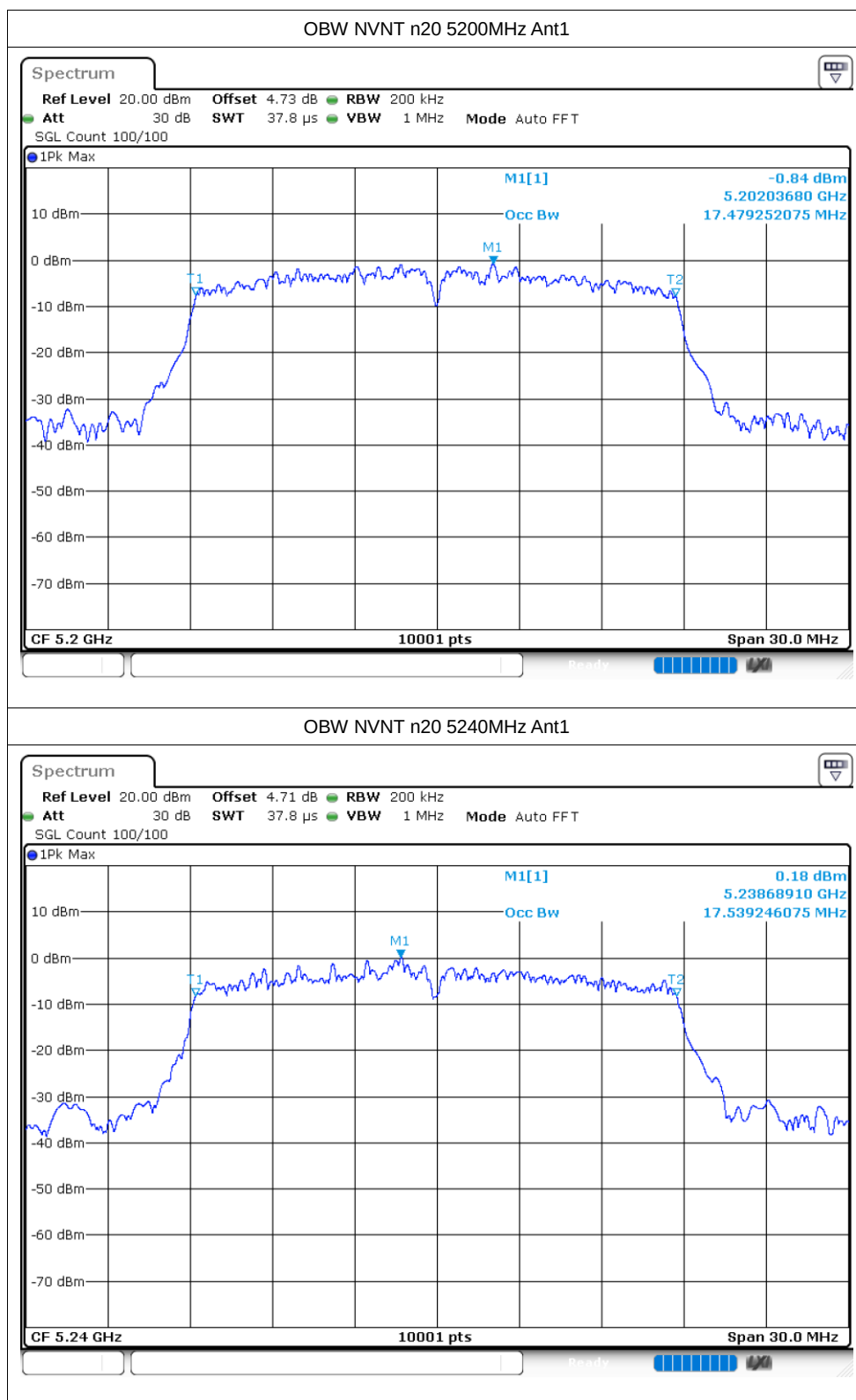
OBW NVNT a 5180MHz Ant1

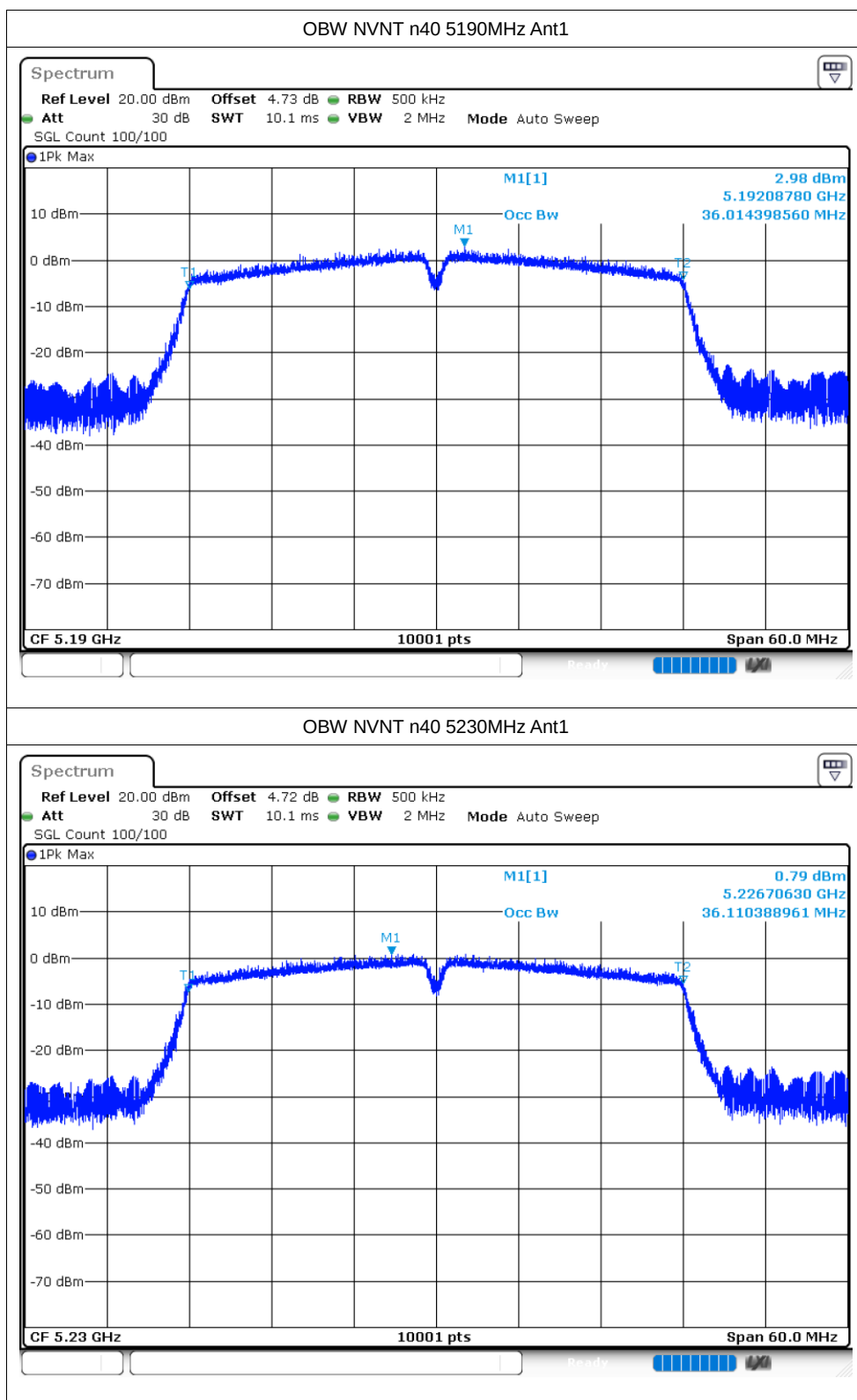


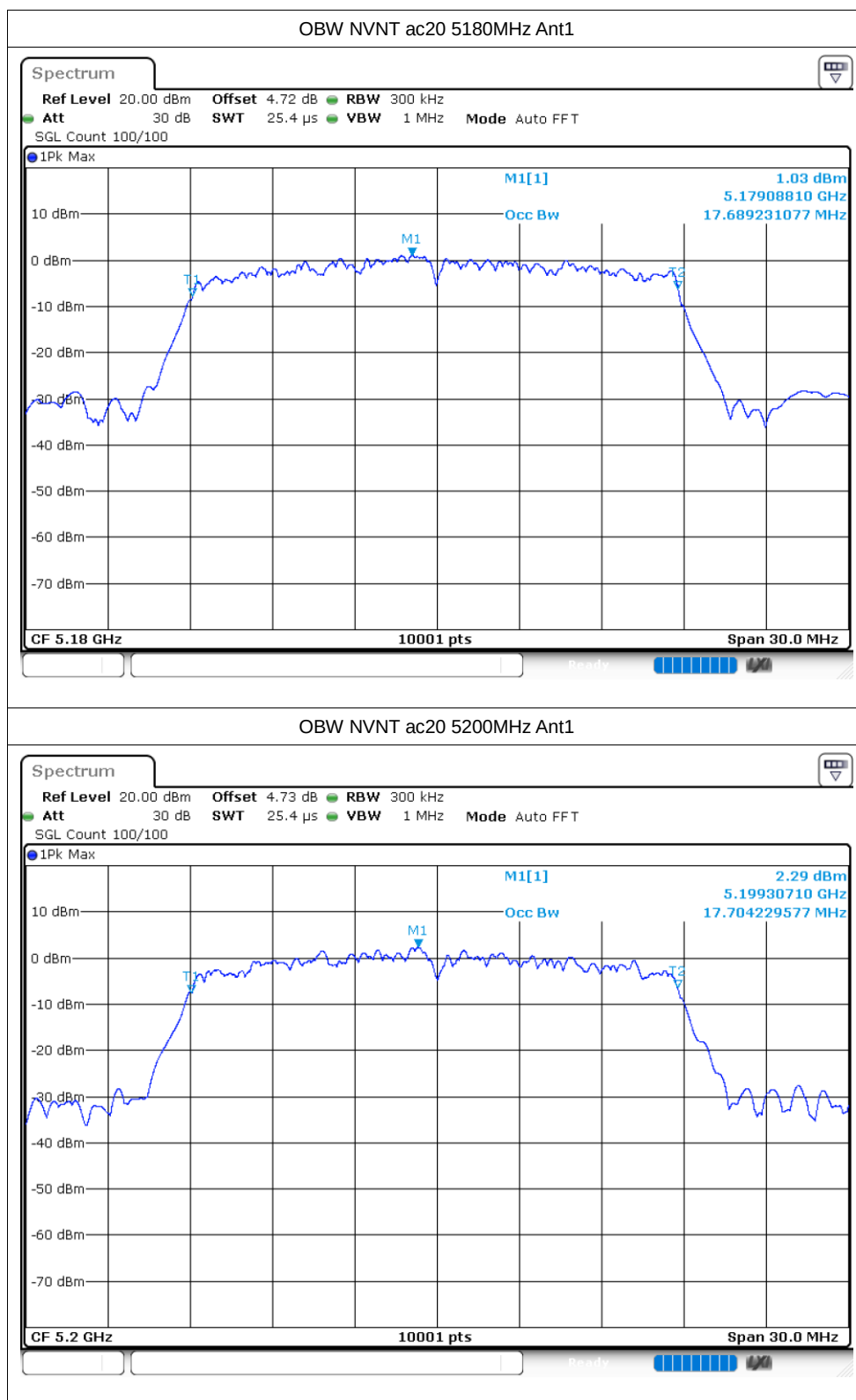
OBW NVNT a 5200MHz Ant1

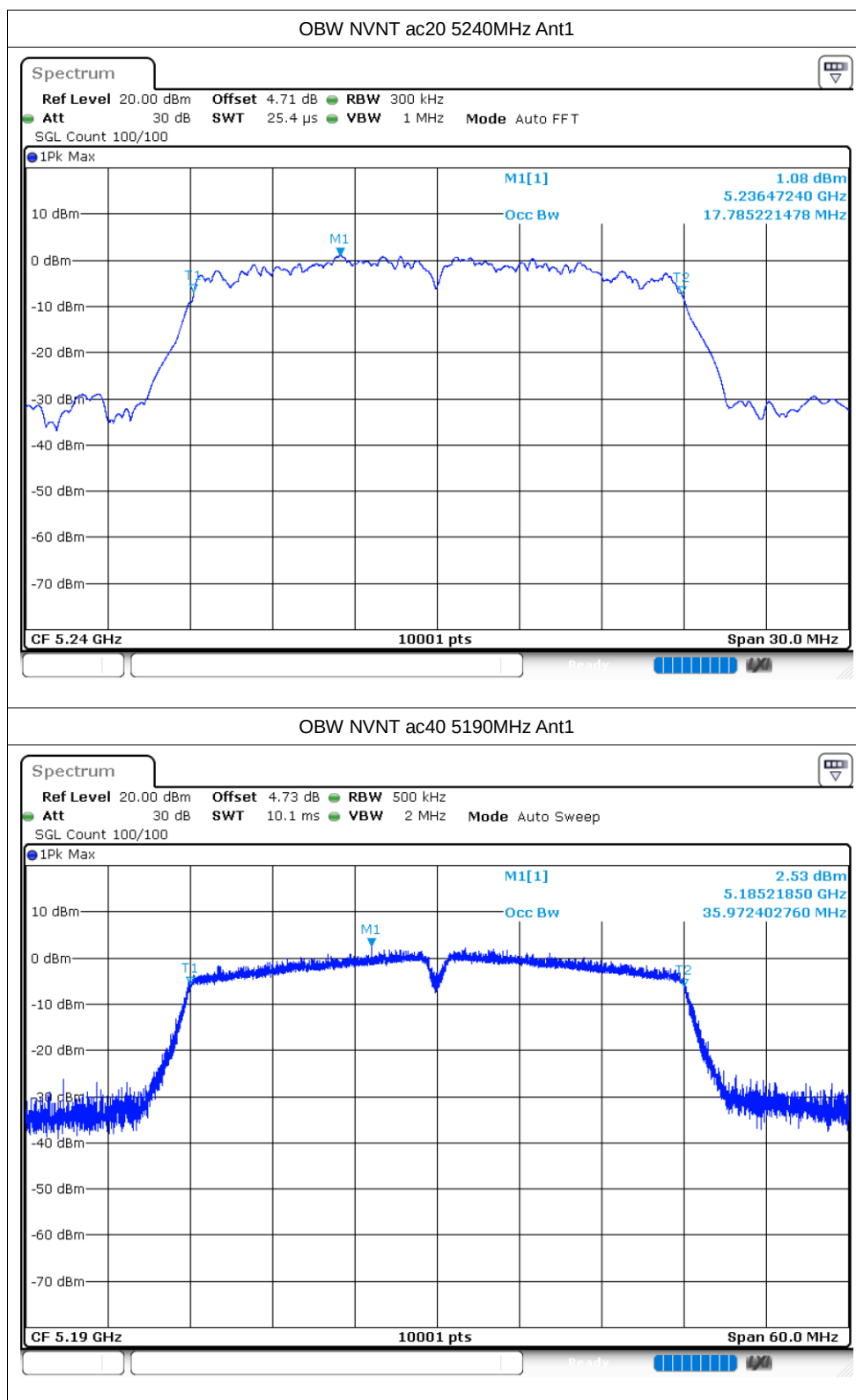


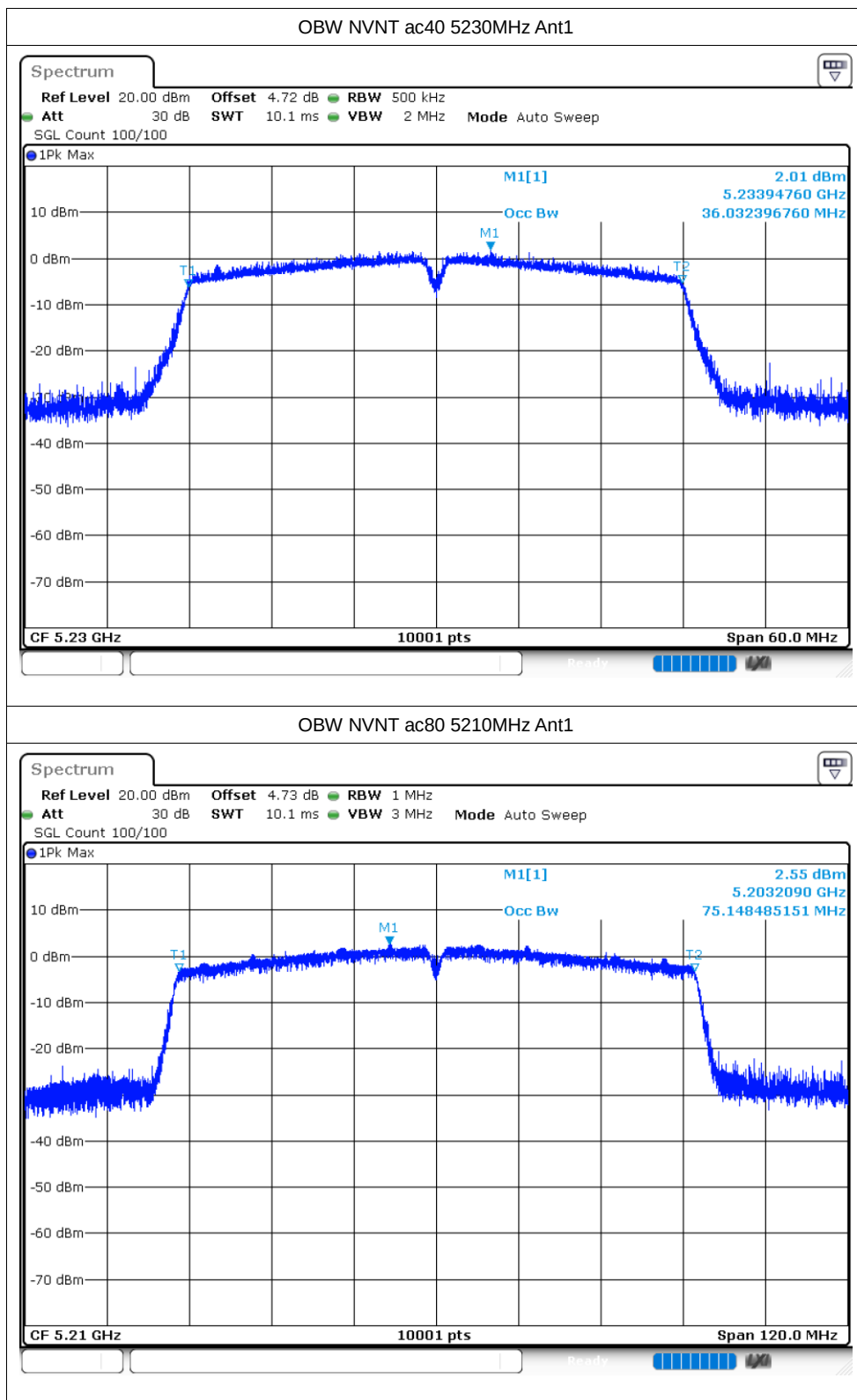










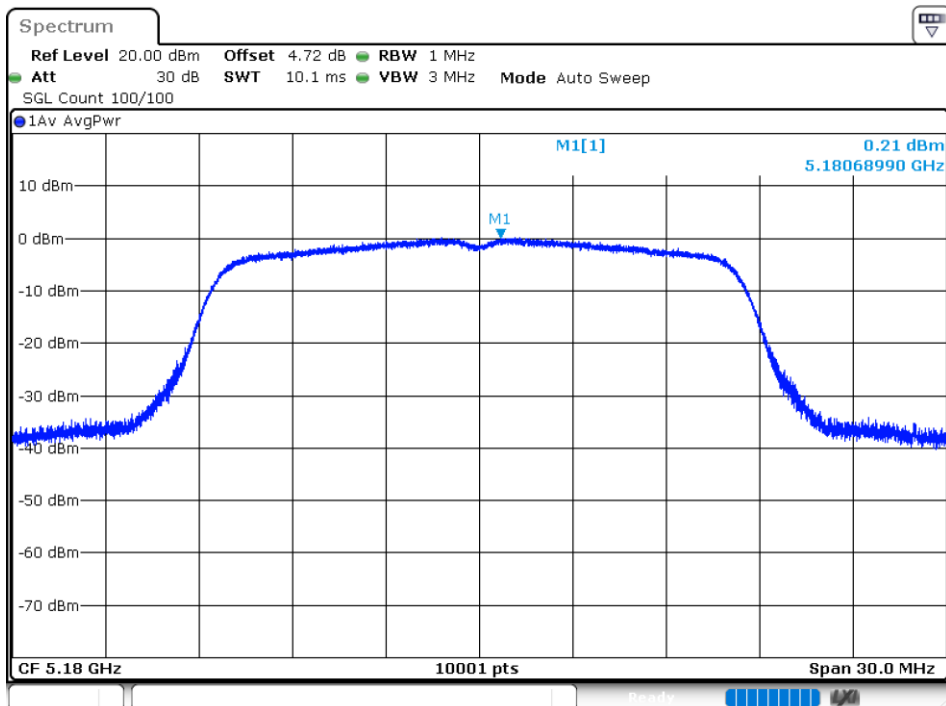


Maximum Power Spectral Density Level

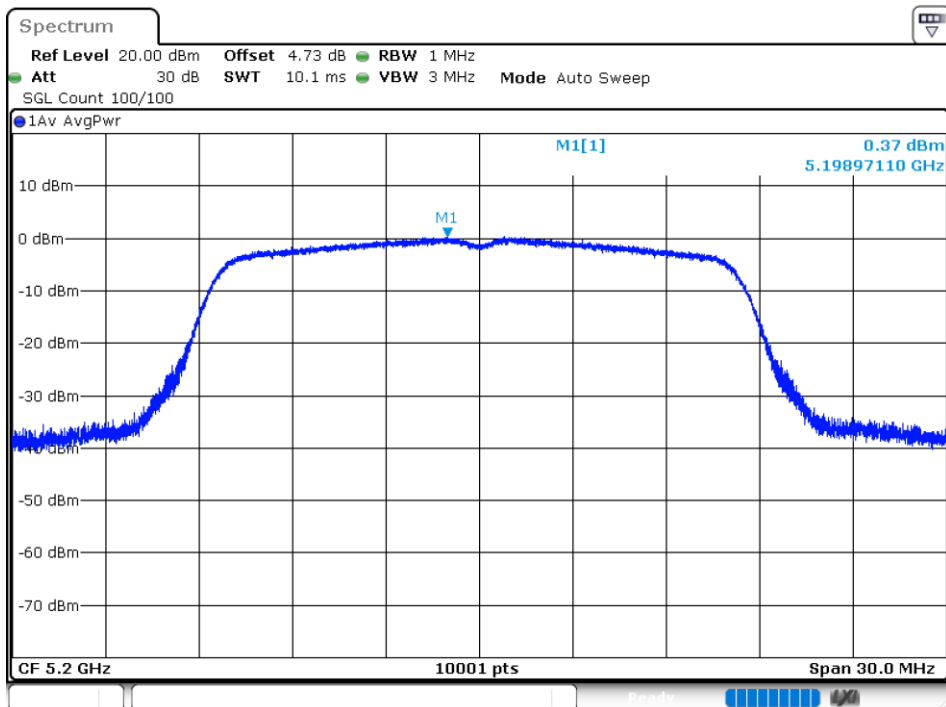
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	0.21	0.1	0.31	11	Pass
NVNT	a	5200	Ant1	0.37	0.1	0.47	11	Pass
NVNT	a	5240	Ant1	-0.9	0.1	-0.8	11	Pass
NVNT	n20	5180	Ant1	-0.45	0.11	-0.34	11	Pass
NVNT	n20	5200	Ant1	-0.96	0.11	-0.85	11	Pass
NVNT	n20	5240	Ant1	-1.29	0.11	-1.18	11	Pass
NVNT	n40	5190	Ant1	-2.75	0.21	-2.54	11	Pass
NVNT	n40	5230	Ant1	-4.14	0.21	-3.93	11	Pass
NVNT	ac20	5180	Ant1	-0.14	0.11	-0.03	11	Pass
NVNT	ac20	5200	Ant1	0.22	0.11	0.33	11	Pass
NVNT	ac20	5240	Ant1	-0.44	0.11	-0.33	11	Pass
NVNT	ac40	5190	Ant1	-3.02	0.21	-2.81	11	Pass
NVNT	ac40	5230	Ant1	-3.44	0.21	-3.23	11	Pass
NVNT	ac80	5210	Ant1	-6.47	0.48	-5.99	11	Pass

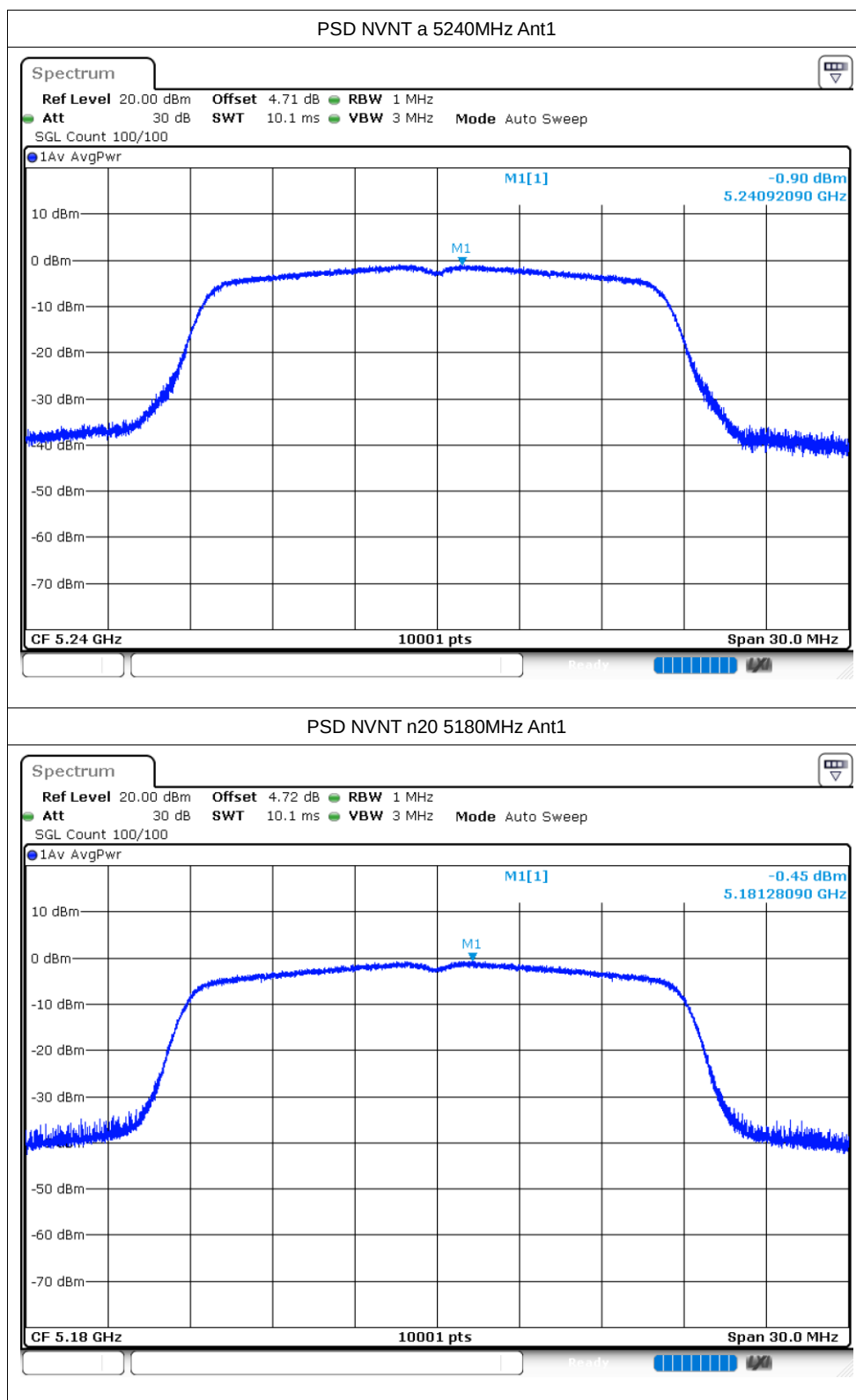
Test Graphs

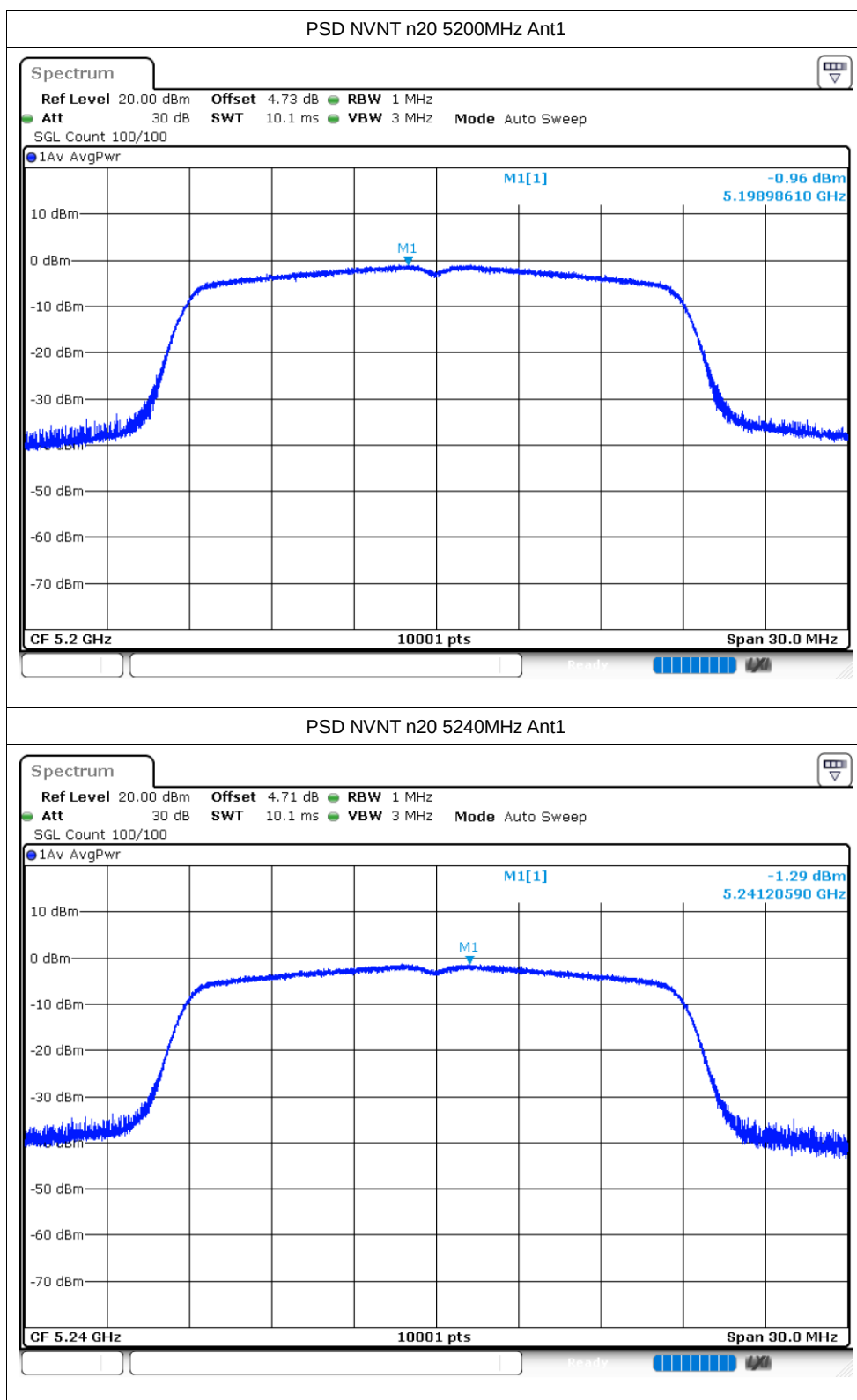
PSD NVNT a 5180MHz Ant1

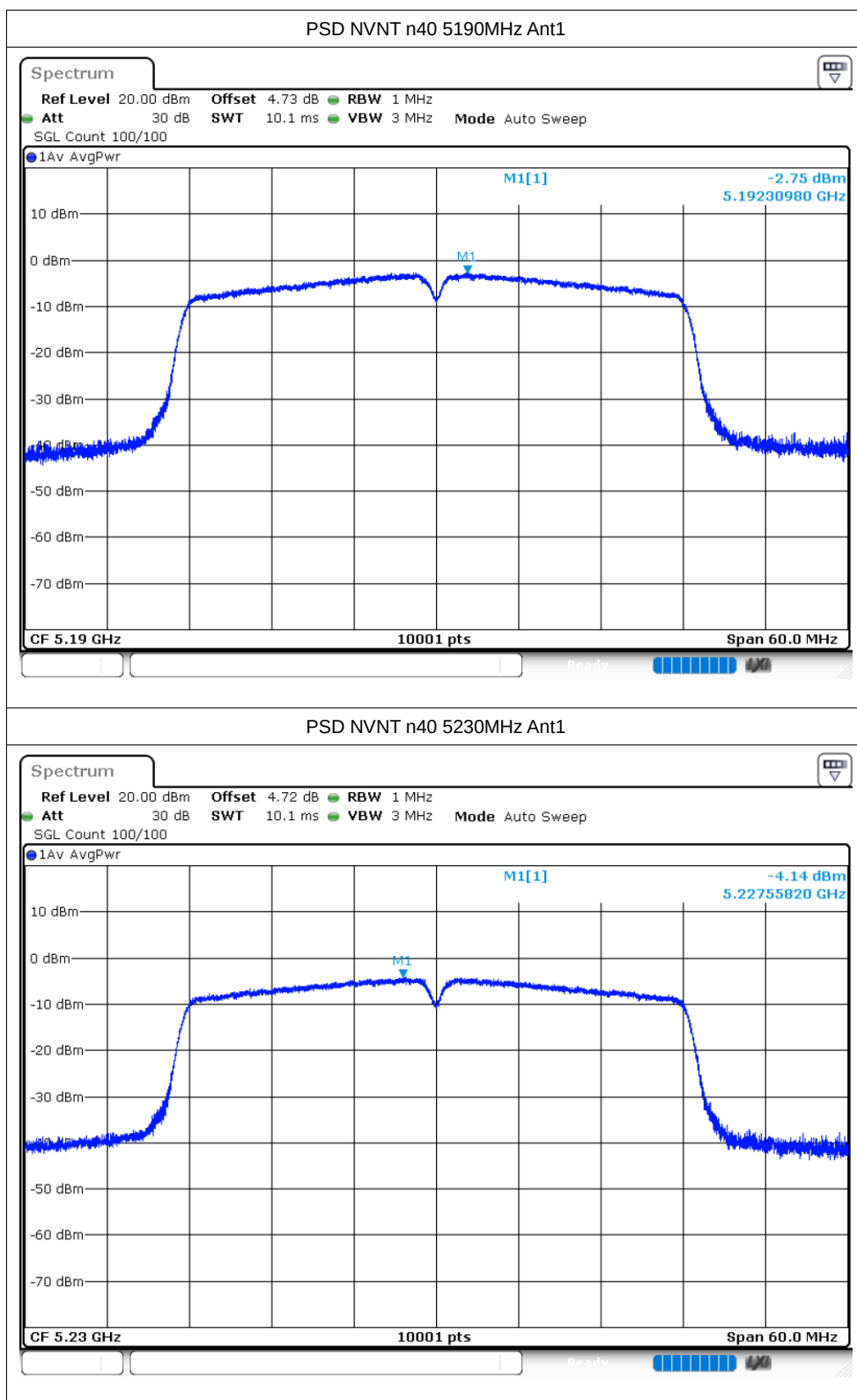


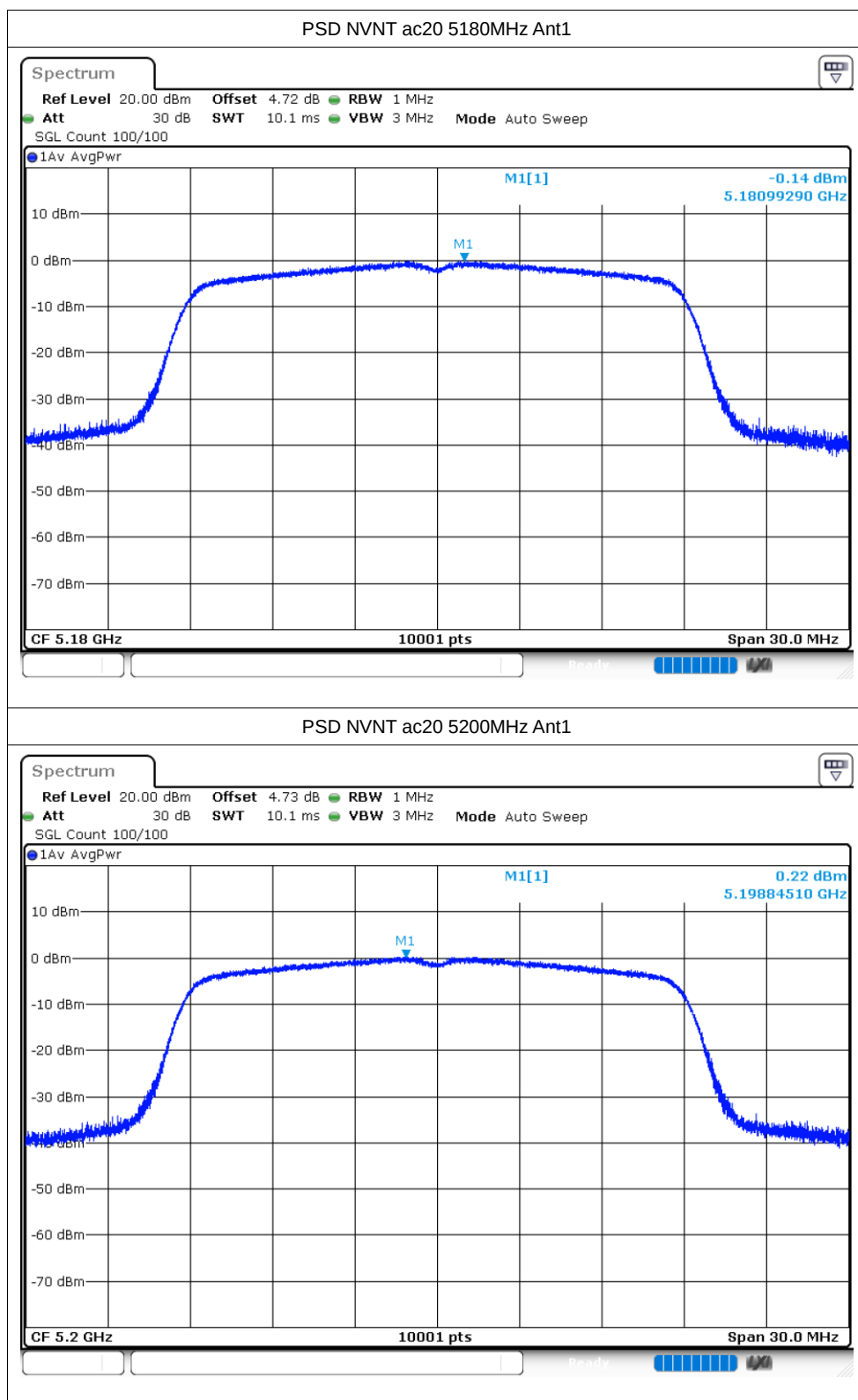
PSD NVNT a 5200MHz Ant1

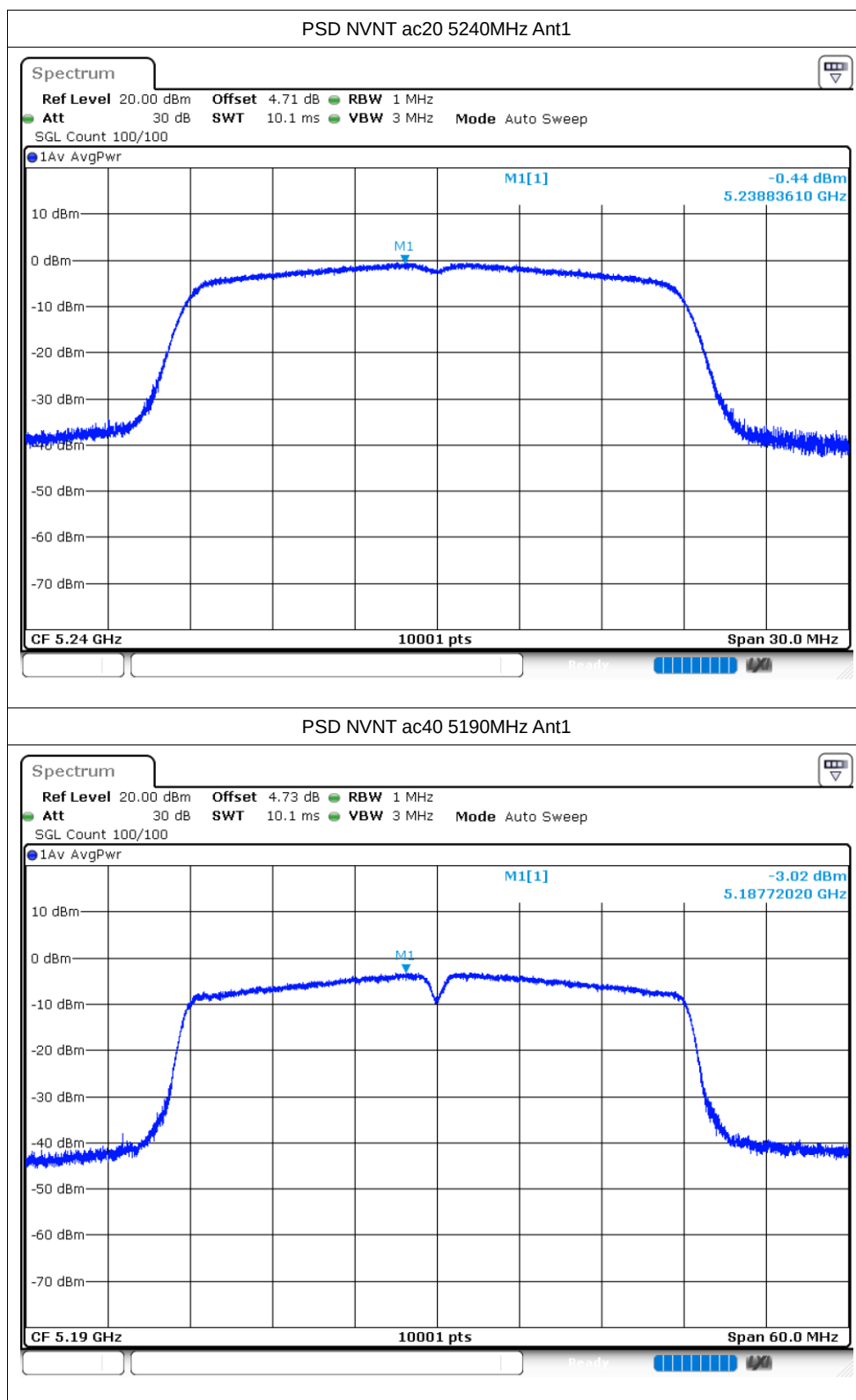


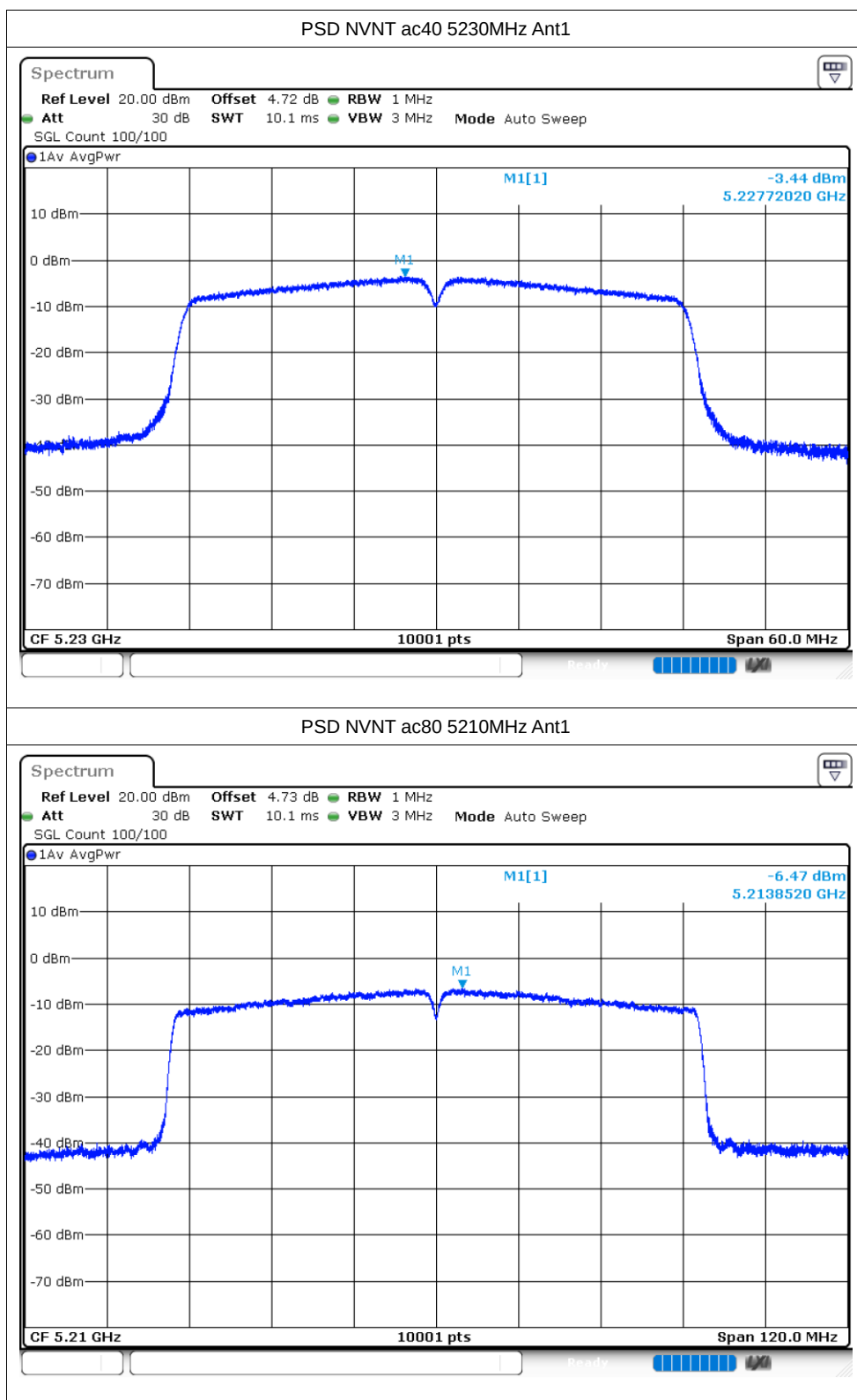






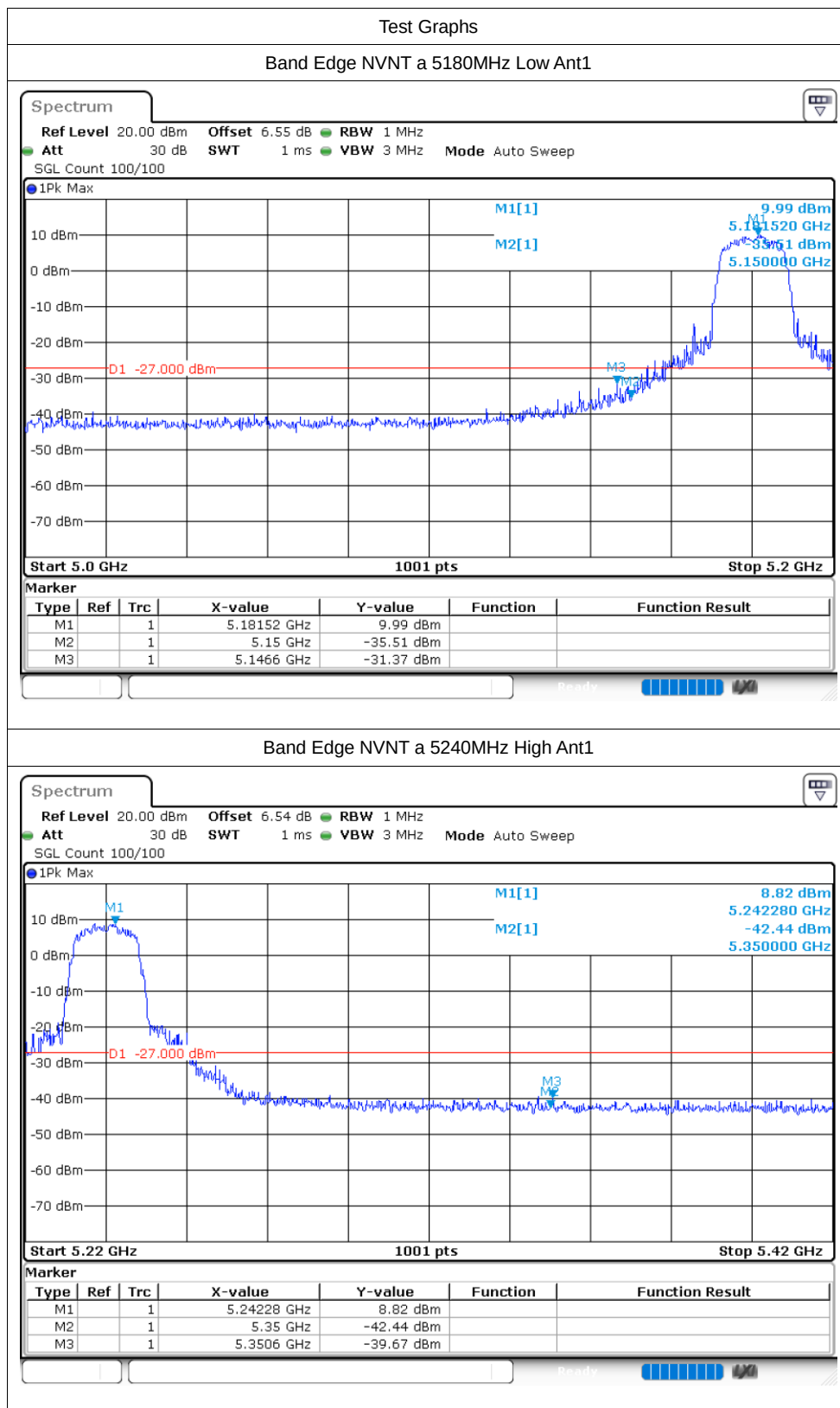


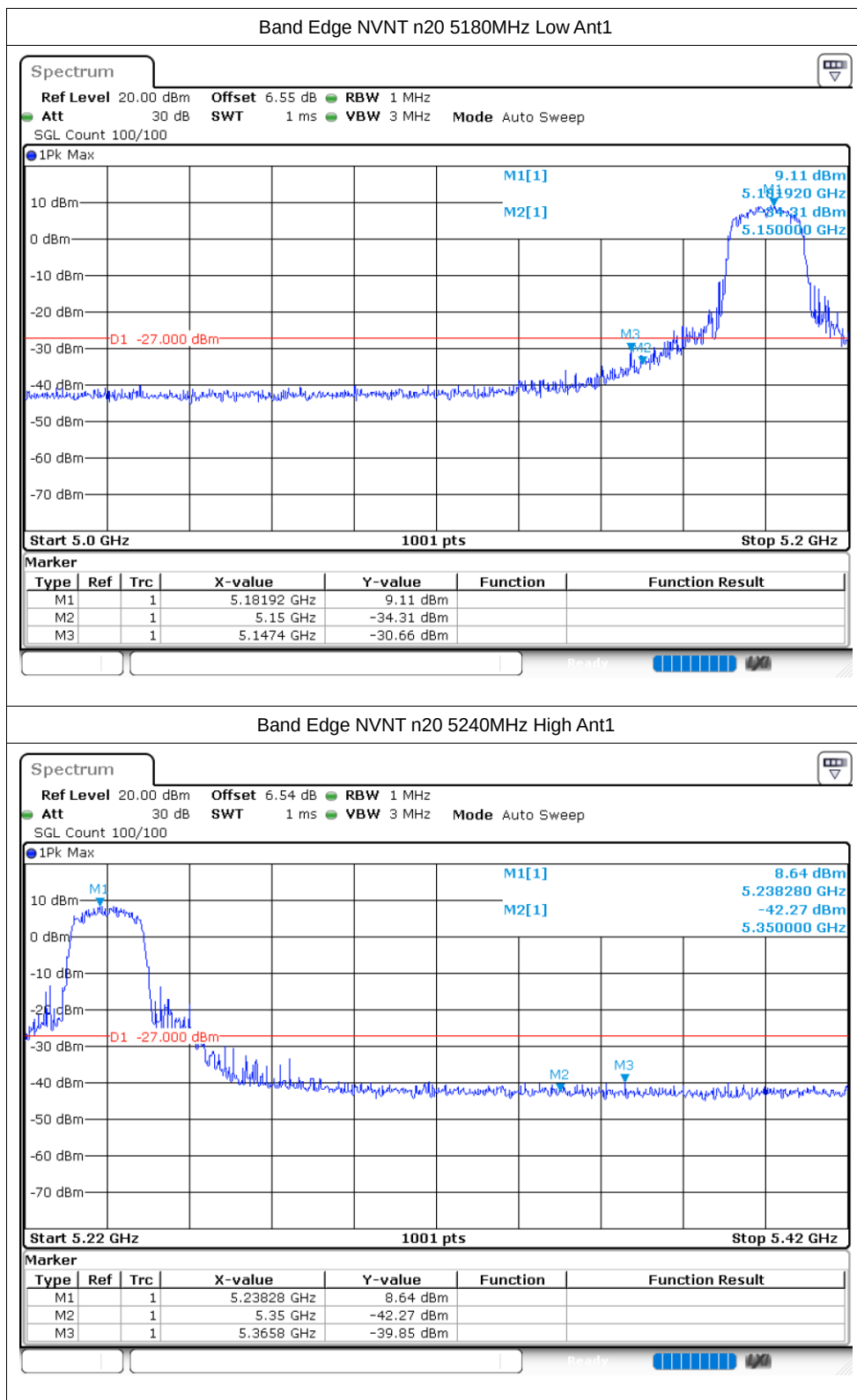


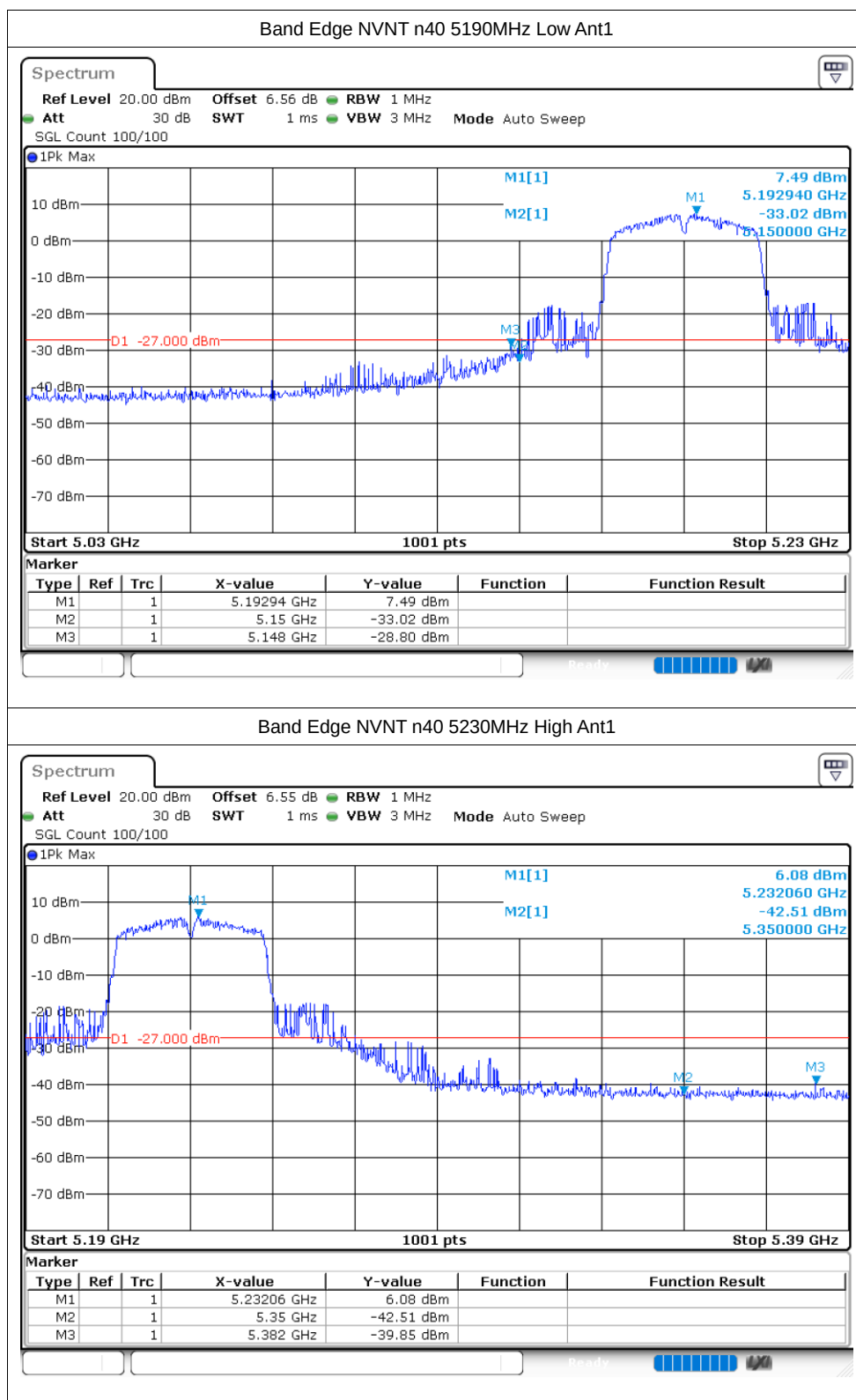


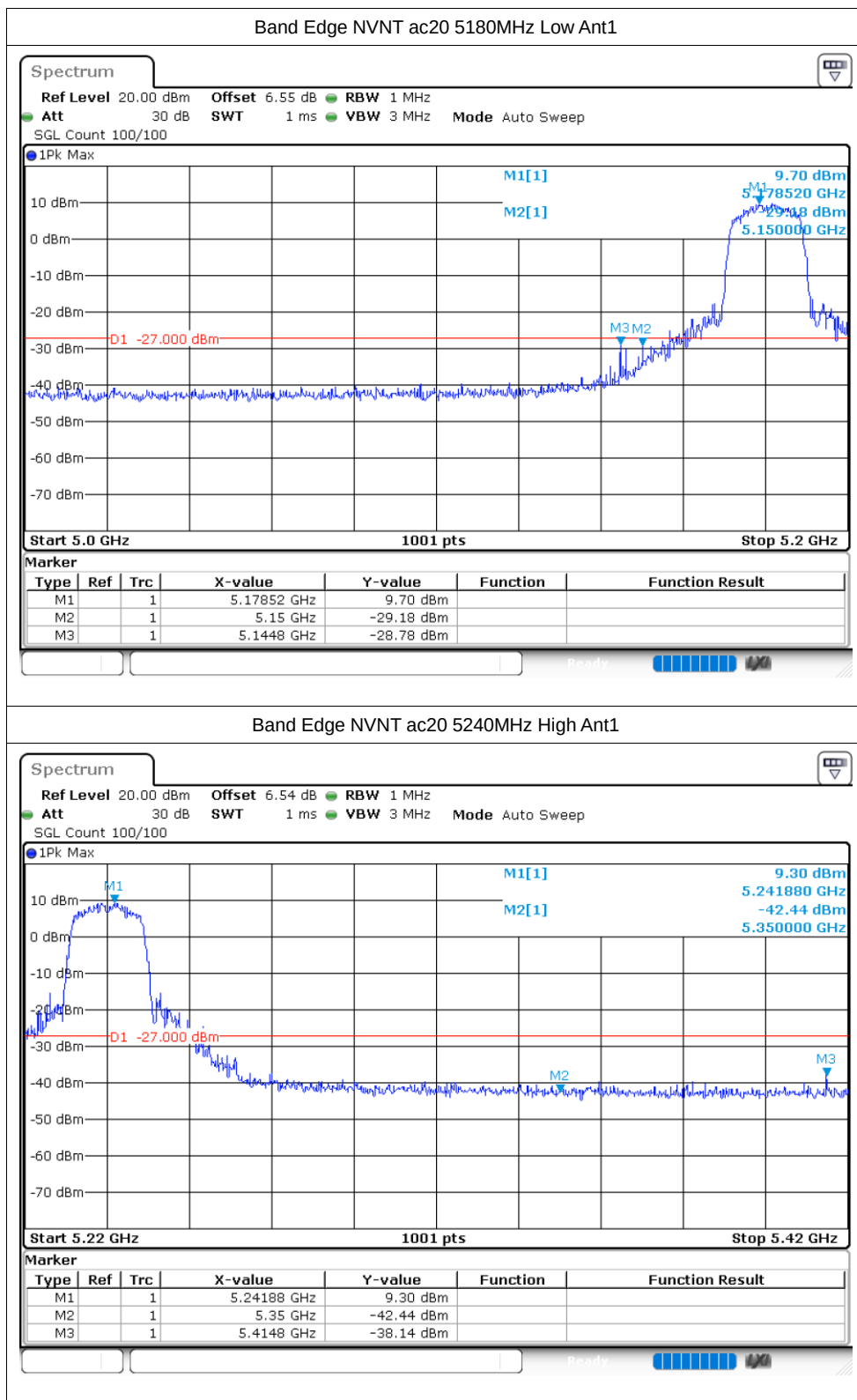
Band Edge

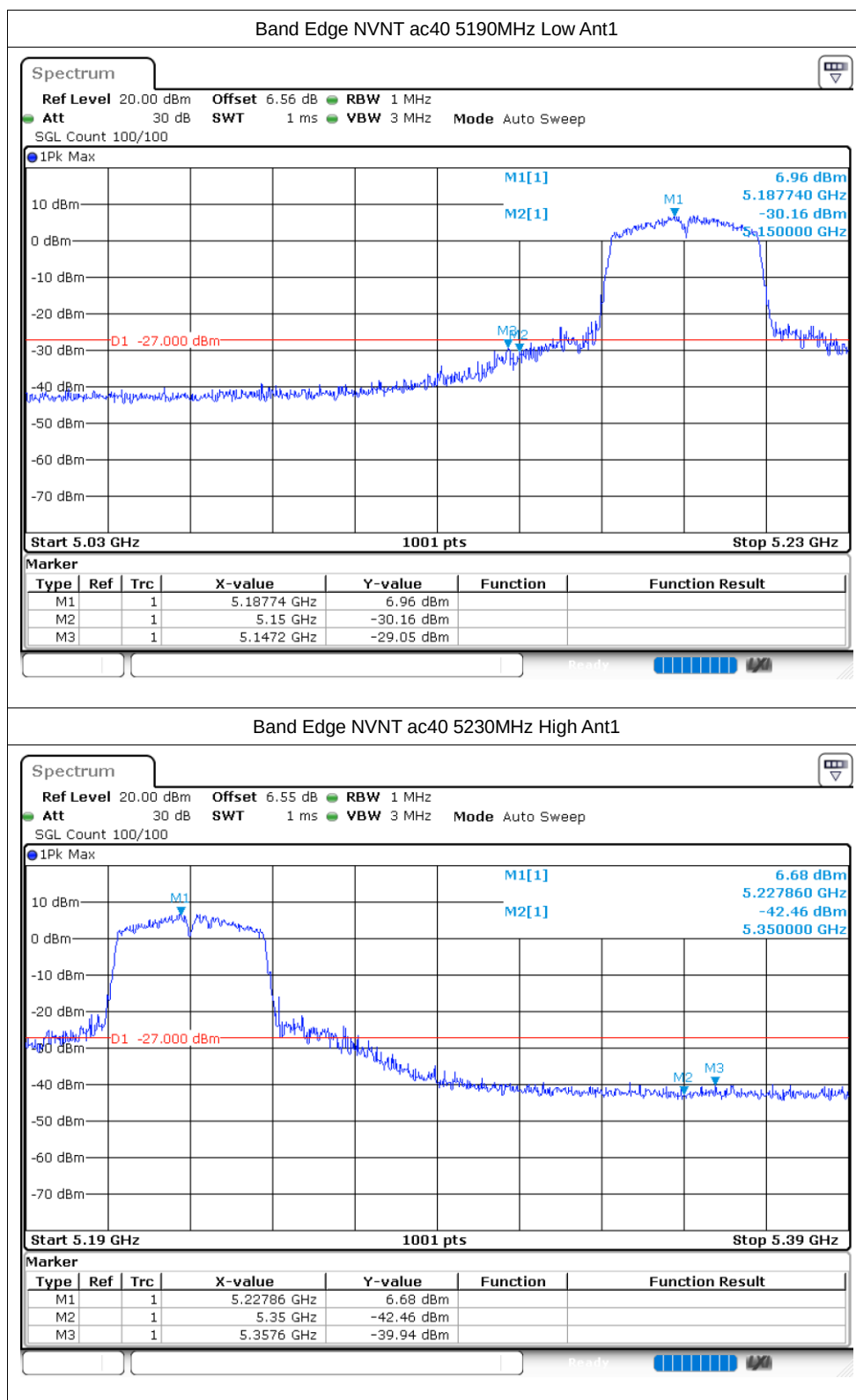
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-31.36	-27	Pass
NVNT	a	5240	Ant1	-39.67	-27	Pass
NVNT	n20	5180	Ant1	-30.65	-27	Pass
NVNT	n20	5240	Ant1	-39.84	-27	Pass
NVNT	n40	5190	Ant1	-28.8	-27	Pass
NVNT	n40	5230	Ant1	-39.85	-27	Pass
NVNT	ac20	5180	Ant1	-28.78	-27	Pass
NVNT	ac20	5240	Ant1	-38.13	-27	Pass
NVNT	ac40	5190	Ant1	-29.05	-27	Pass
NVNT	ac40	5230	Ant1	-39.94	-27	Pass
NVNT	ac80	5210	Ant1	-41.13	-27	Pass
NVNT	ac80	5210	Ant1	-28.61	-27	Pass

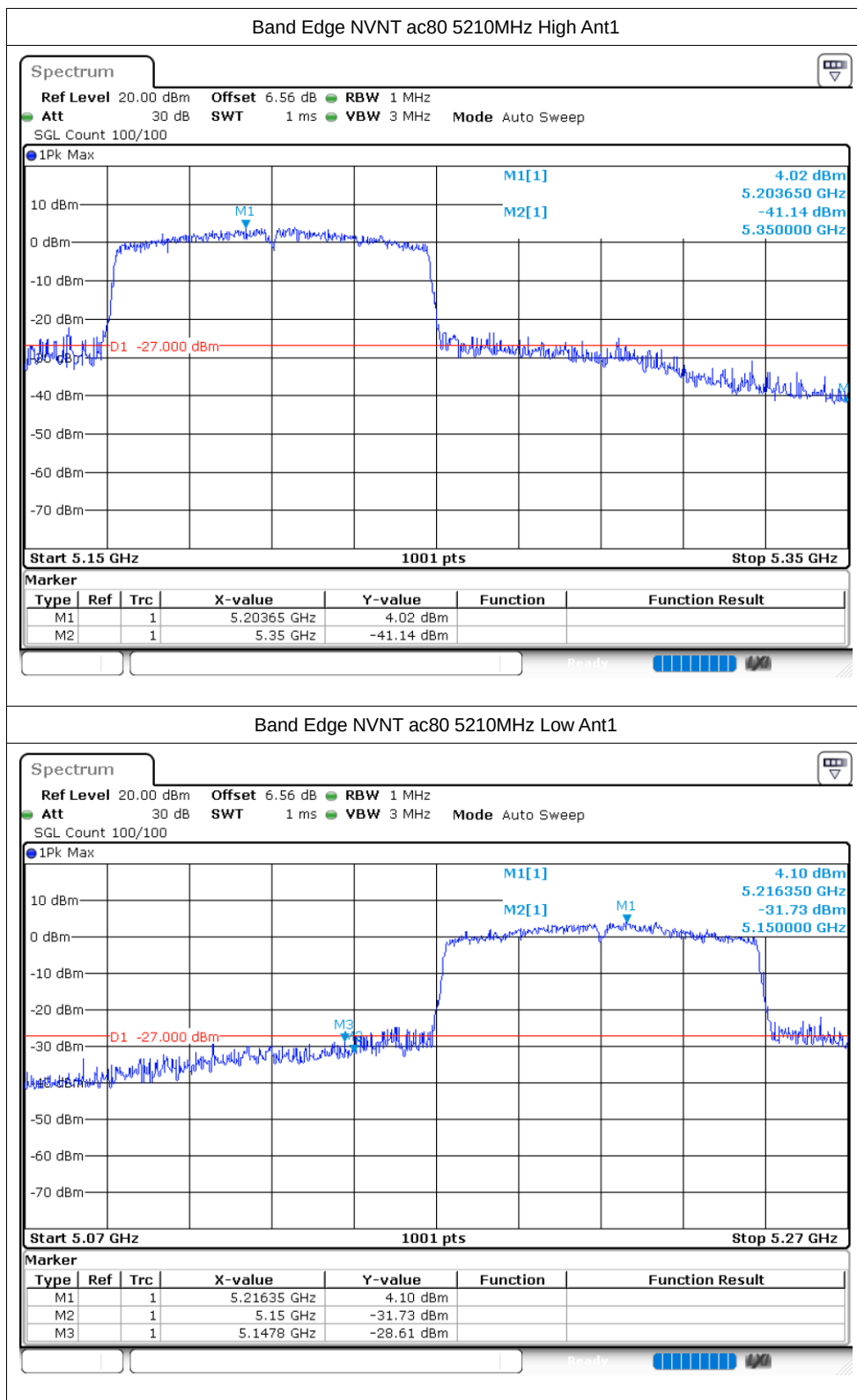












Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-34.29	-27	Pass
NVNT	a	5200	Ant1	-34.27	-27	Pass
NVNT	a	5240	Ant1	-34.15	-27	Pass
NVNT	n20	5180	Ant1	-34.12	-27	Pass
NVNT	n20	5200	Ant1	-34.13	-27	Pass
NVNT	n20	5240	Ant1	-34.44	-27	Pass
NVNT	n40	5190	Ant1	-34.3	-27	Pass
NVNT	n40	5230	Ant1	-34.84	-27	Pass
NVNT	ac20	5180	Ant1	-33.98	-27	Pass
NVNT	ac20	5200	Ant1	-34.44	-27	Pass
NVNT	ac20	5240	Ant1	-33.2	-27	Pass
NVNT	ac40	5190	Ant1	-34.13	-27	Pass
NVNT	ac40	5230	Ant1	-34.16	-27	Pass
NVNT	ac80	5210	Ant1	-34.67	-27	Pass

