

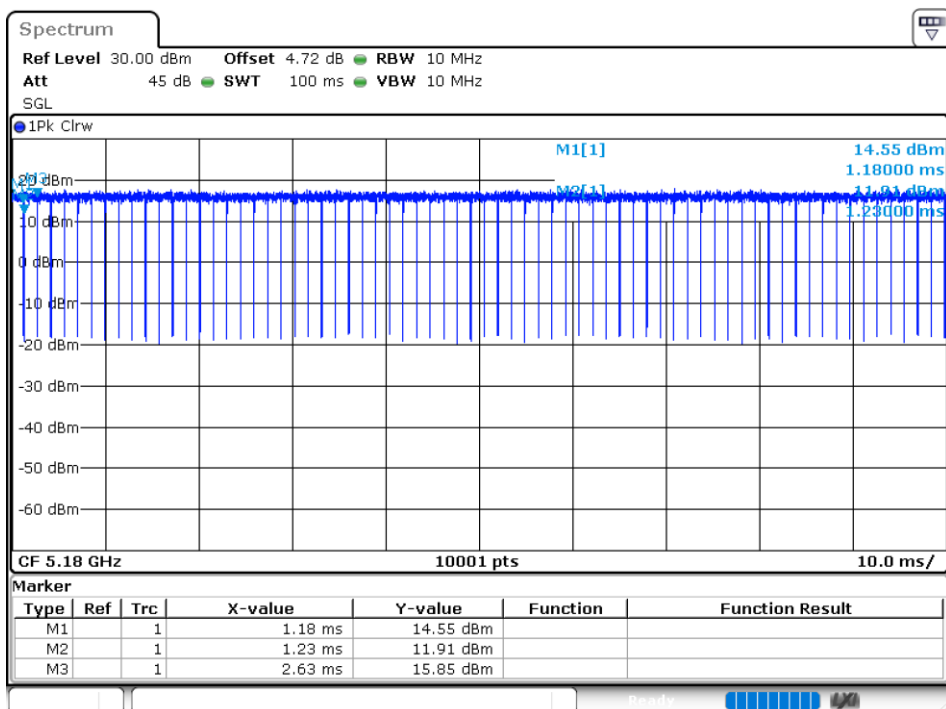
WIFI 5.2G

Duty Cycle

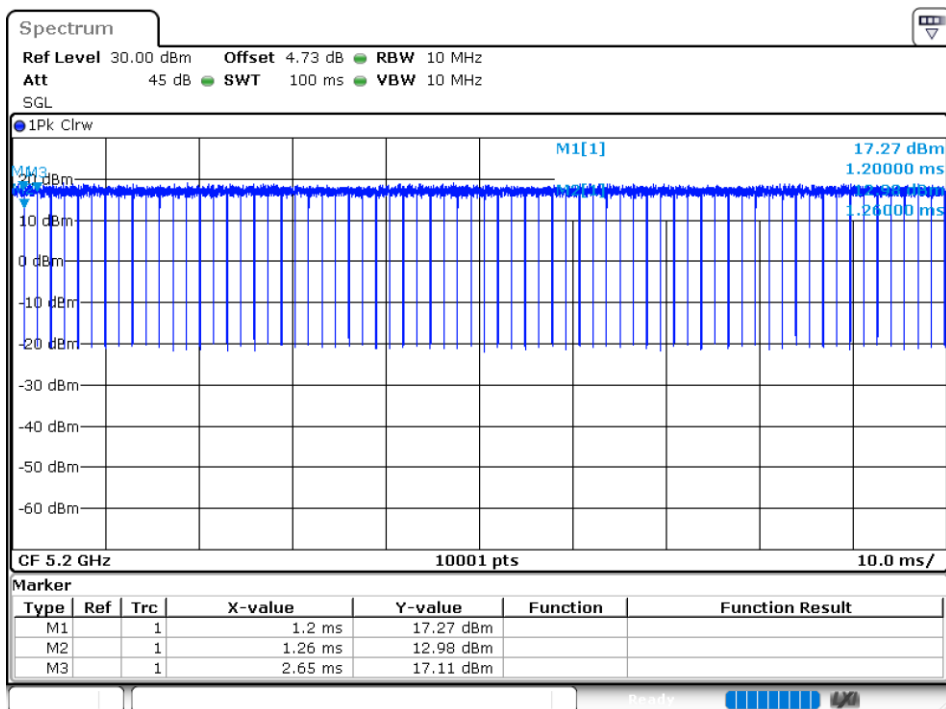
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	97.24	0.12	0.71
NVNT	a	5200	Ant1	96.55	0.15	0.72
NVNT	a	5240	Ant1	96.55	0.15	0.72
NVNT	n20	5180	Ant1	96.36	0.16	0.85
NVNT	n20	5200	Ant1	96.75	0.14	0.85
NVNT	n20	5240	Ant1	96.35	0.16	0.85
NVNT	n40	5190	Ant1	92.2	0.35	1.72
NVNT	n40	5230	Ant1	93.75	0.28	1.69
NVNT	ac20	5180	Ant1	96.55	0.15	0.84
NVNT	ac20	5200	Ant1	96.44	0.16	0.84
NVNT	ac20	5240	Ant1	96.6	0.15	0.84
NVNT	ac40	5190	Ant1	93.25	0.3	1.69
NVNT	ac40	5230	Ant1	93.53	0.29	1.69
NVNT	ac80	5210	Ant1	85.83	0.66	3.57

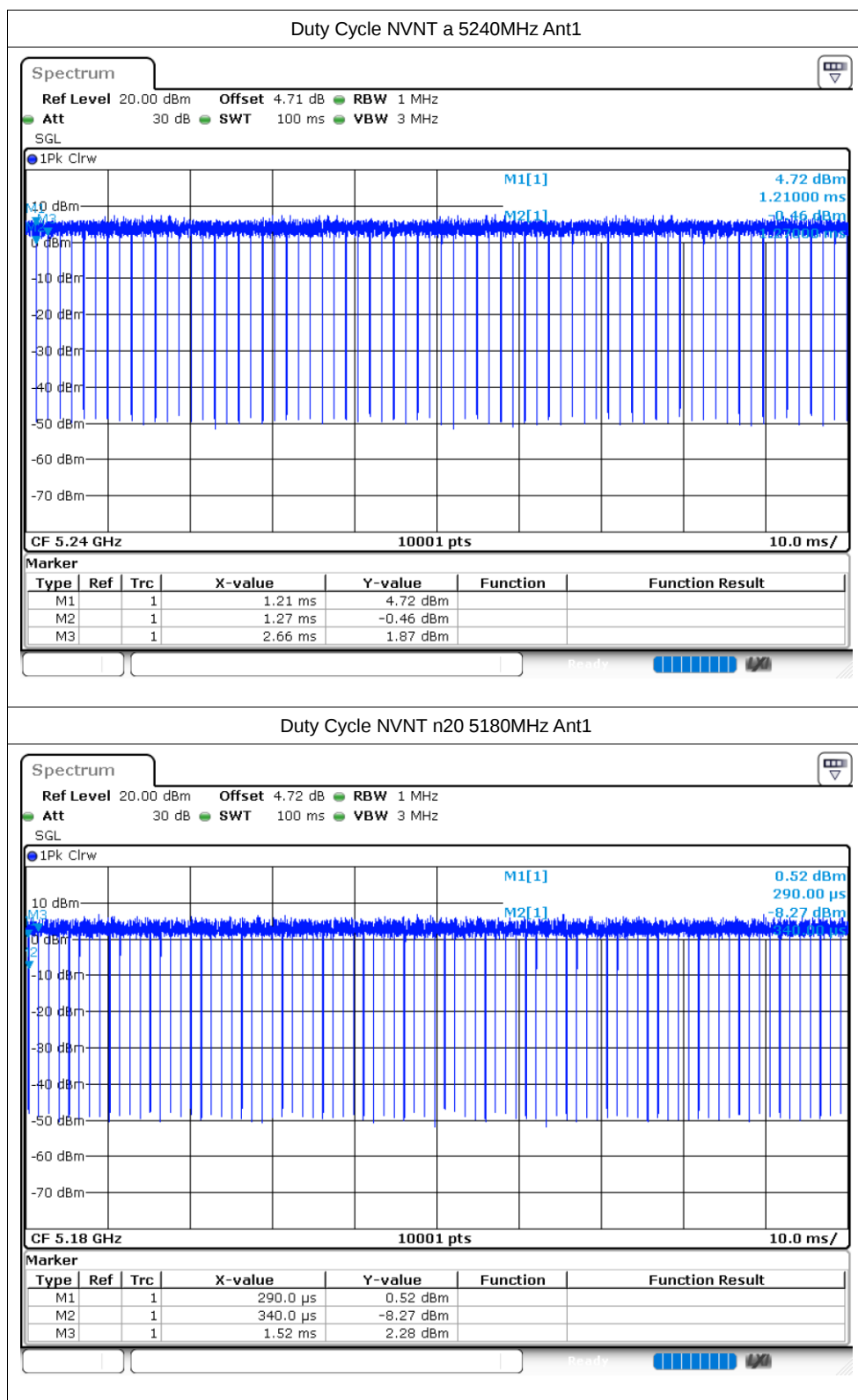
Test Graphs

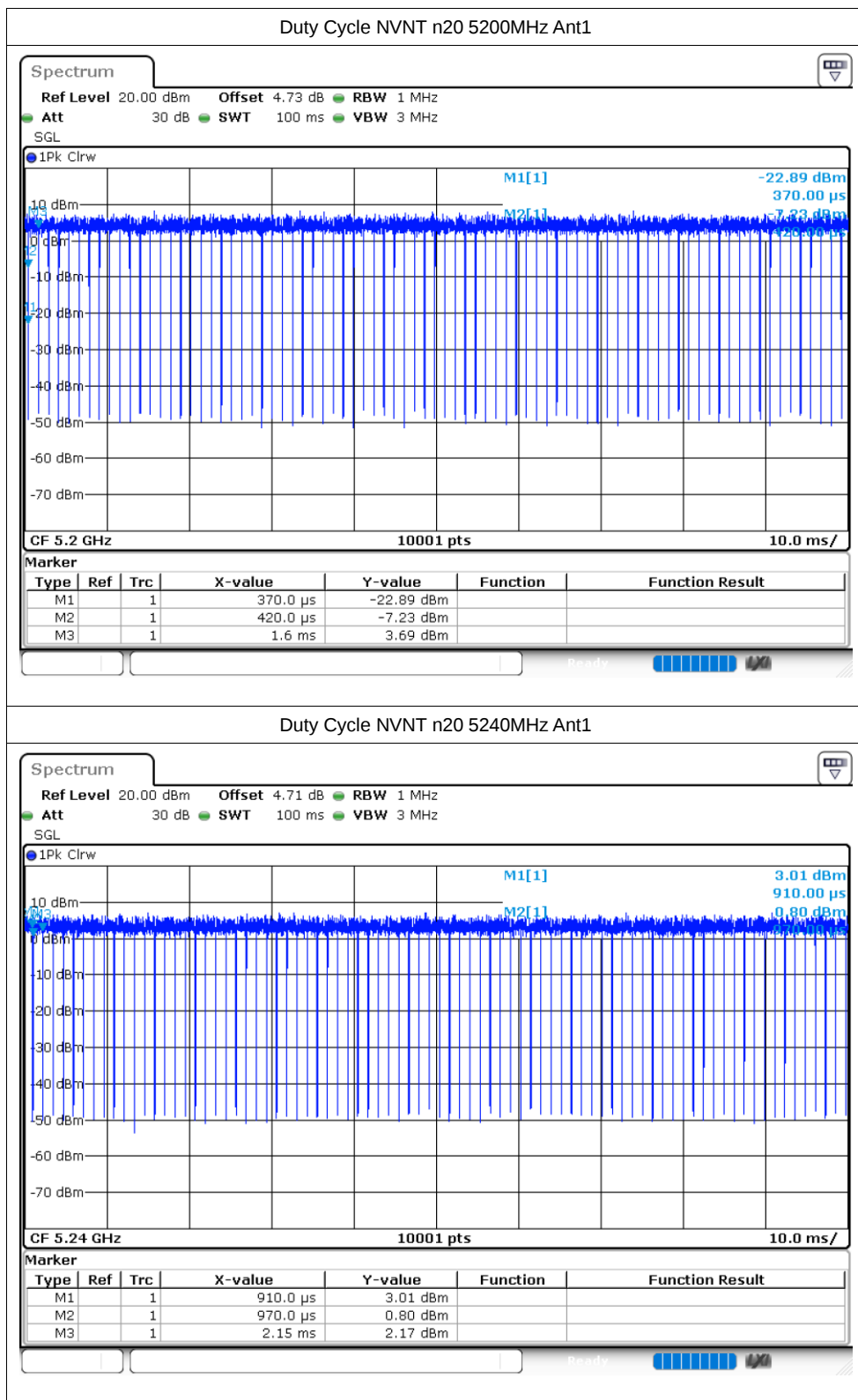
Duty Cycle NVNT a 5180MHz Ant1

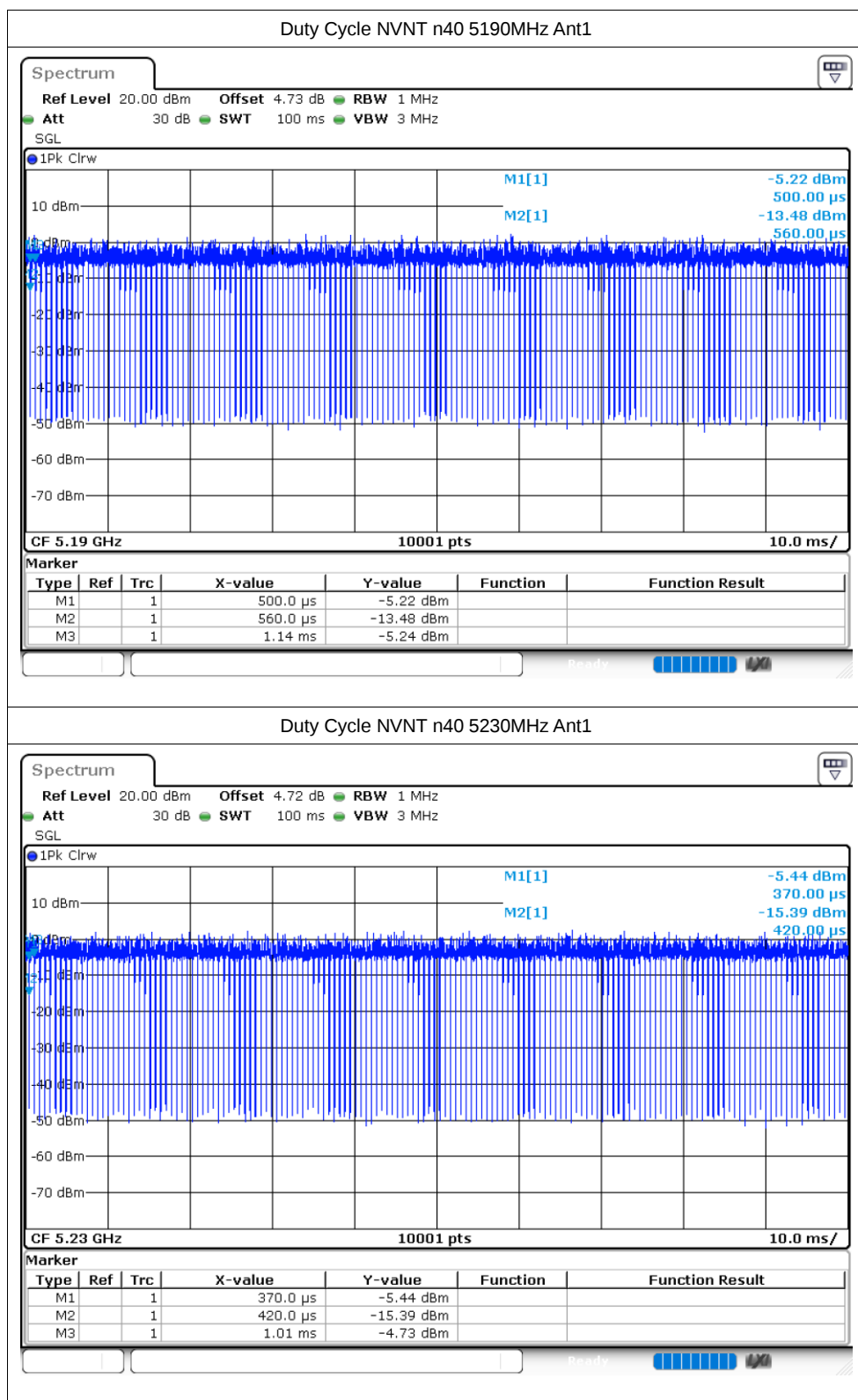


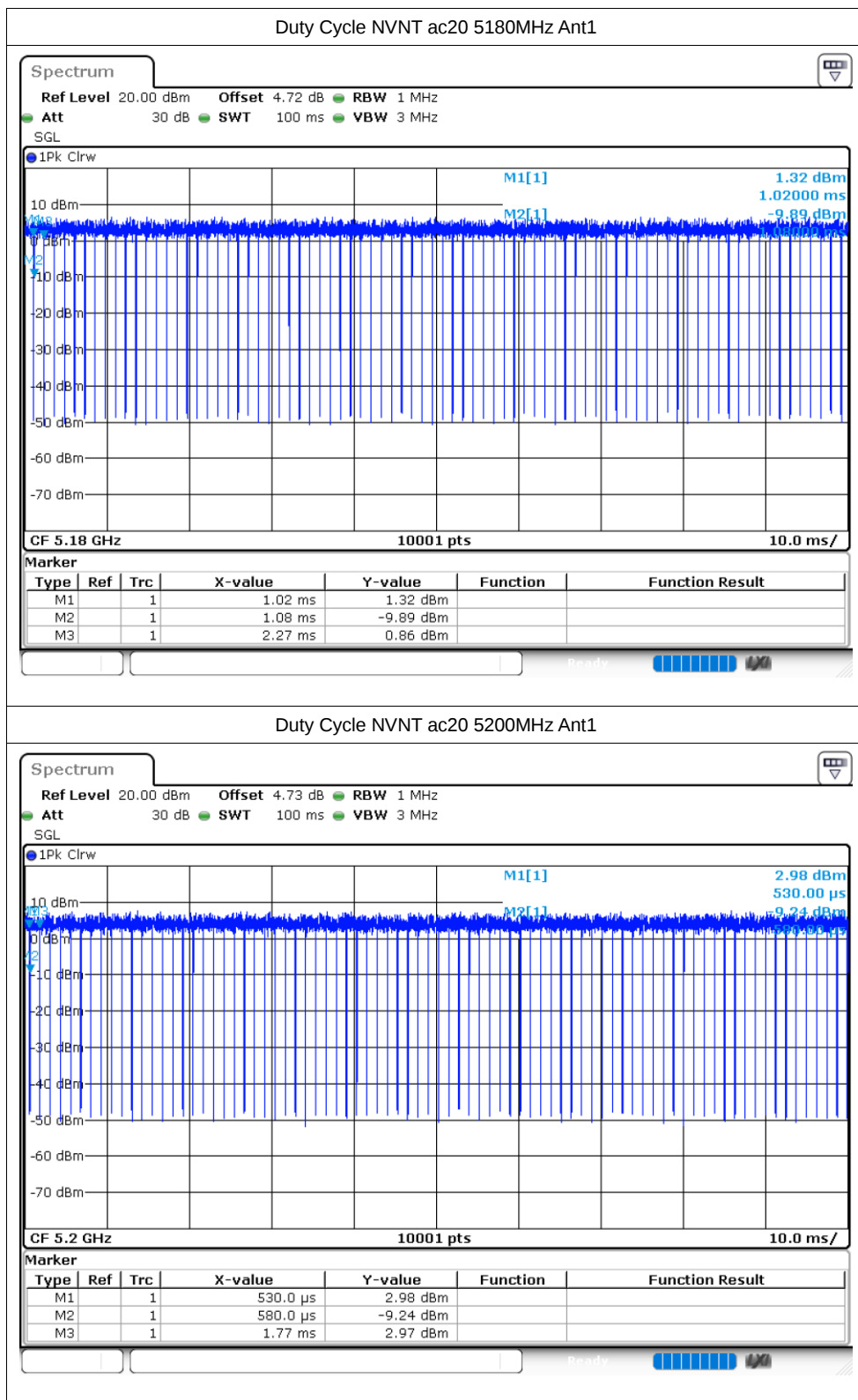
Duty Cycle NVNT a 5200MHz Ant1

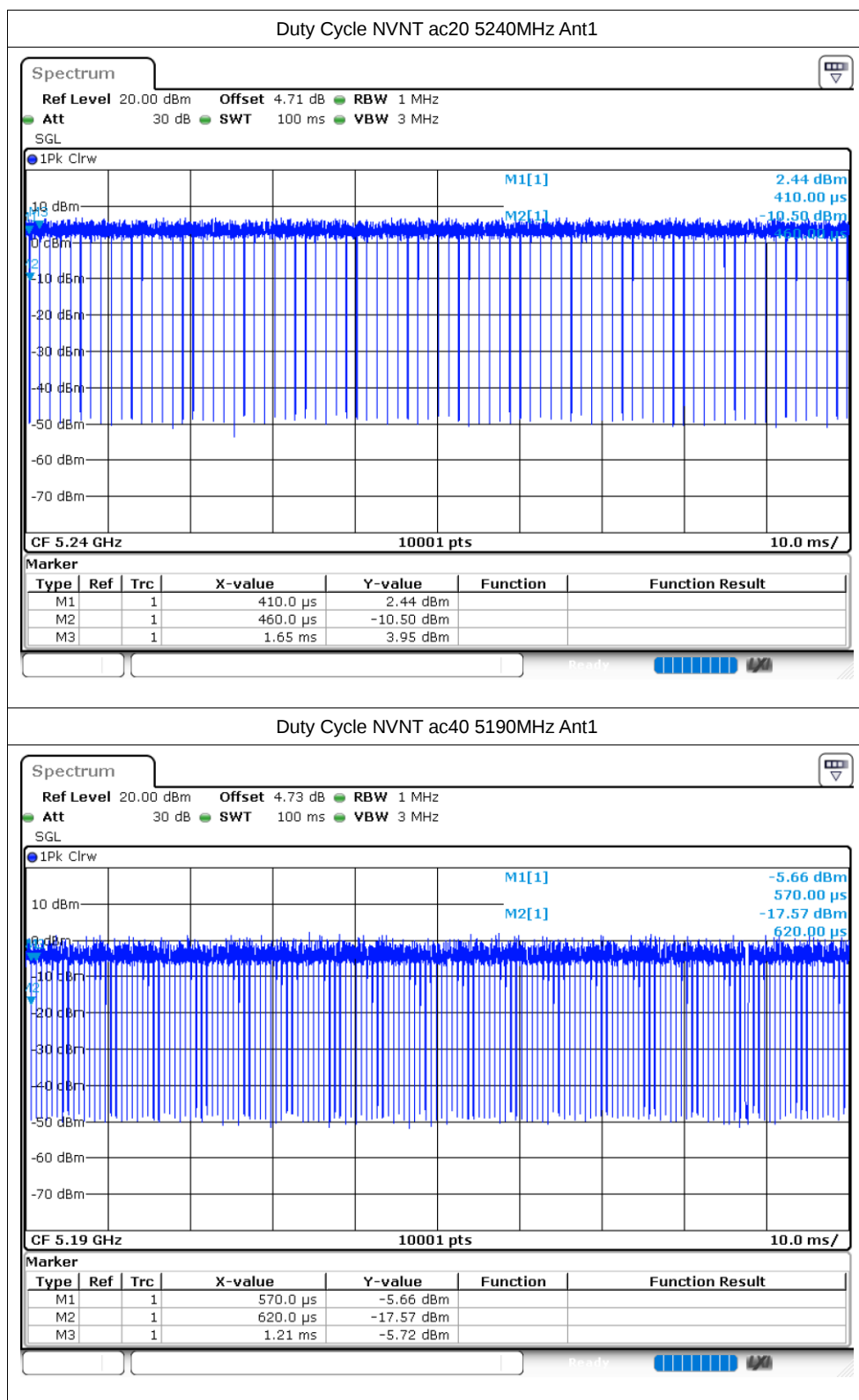


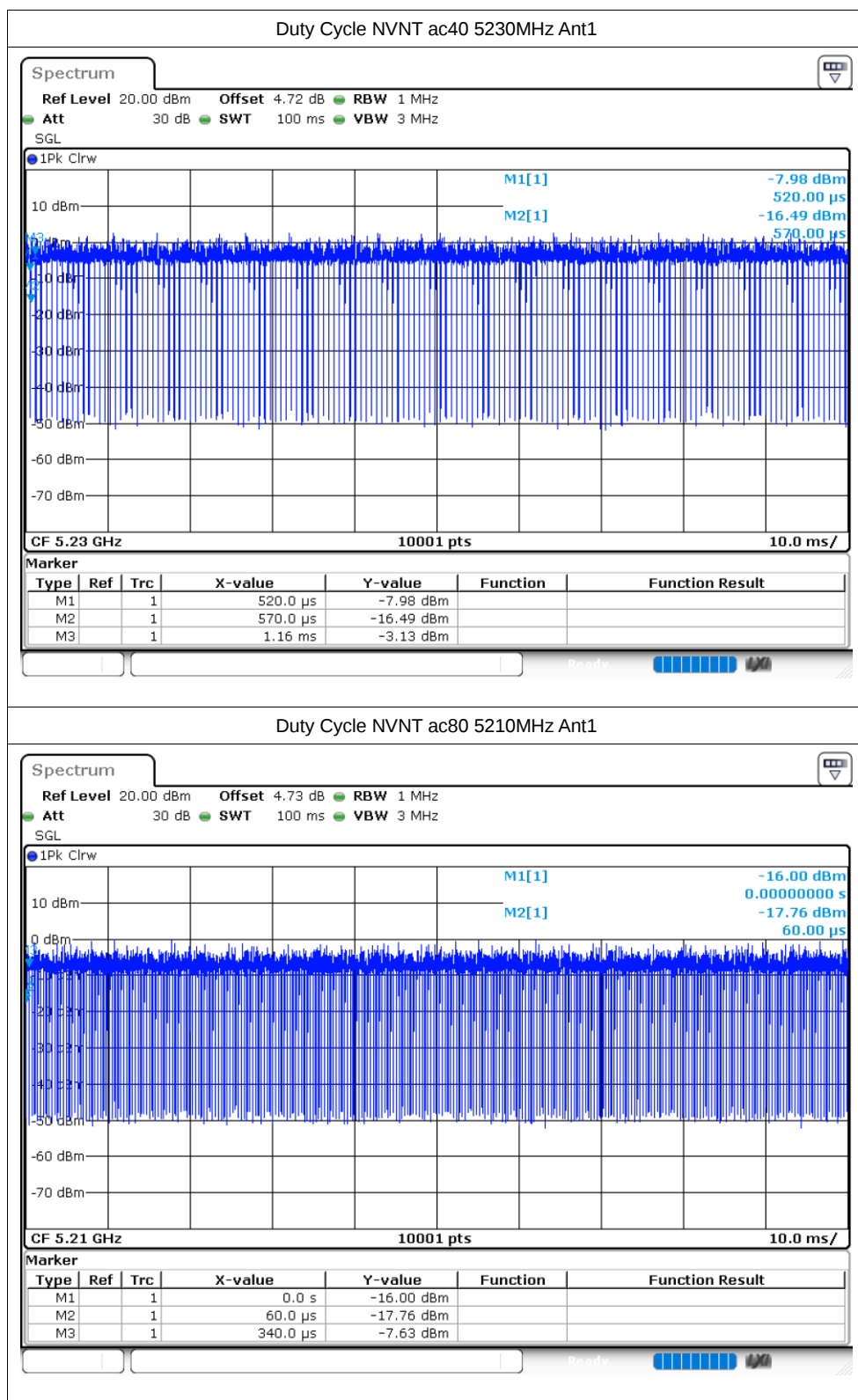












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.12	24	Pass
NVNT	a	5200	Ant1	11.92	24	Pass
NVNT	a	5240	Ant1	11.32	24	Pass
NVNT	n20	5180	Ant1	11.44	24	Pass
NVNT	n20	5200	Ant1	11.04	24	Pass
NVNT	n20	5240	Ant1	10.68	24	Pass
NVNT	n40	5190	Ant1	10.67	24	Pass
NVNT	n40	5230	Ant1	10.17	24	Pass
NVNT	ac20	5180	Ant1	11.5	24	Pass
NVNT	ac20	5200	Ant1	11.35	24	Pass
NVNT	ac20	5240	Ant1	10.81	24	Pass
NVNT	ac40	5190	Ant1	10.78	24	Pass
NVNT	ac40	5230	Ant1	10.15	24	Pass
NVNT	ac80	5210	Ant1	11.06	24	Pass

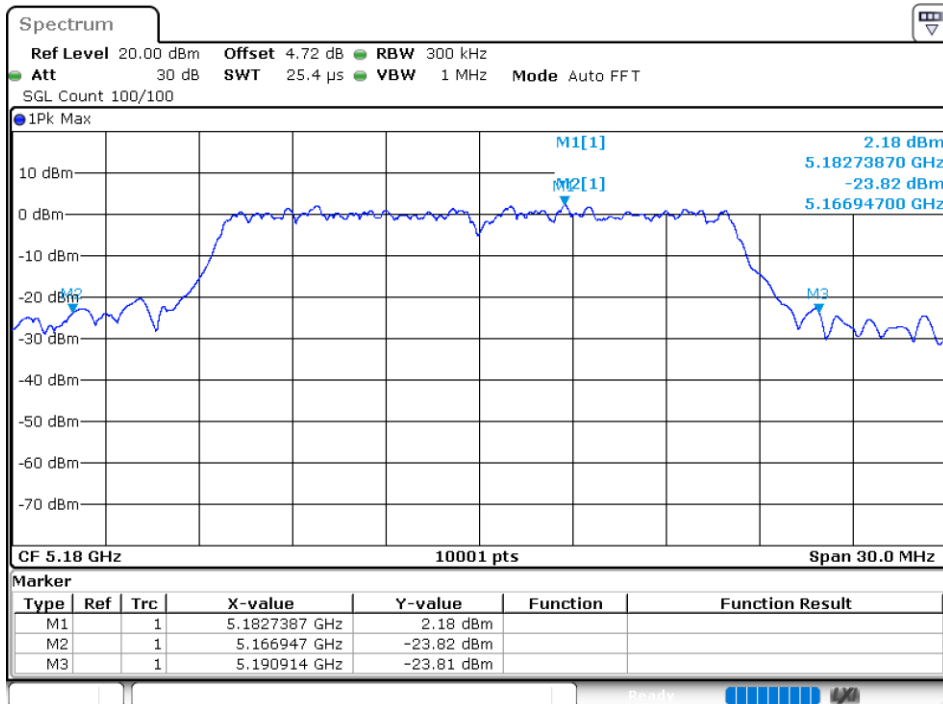
Note: The average power value already includes the duty cycle factor.

-26dB Bandwidth

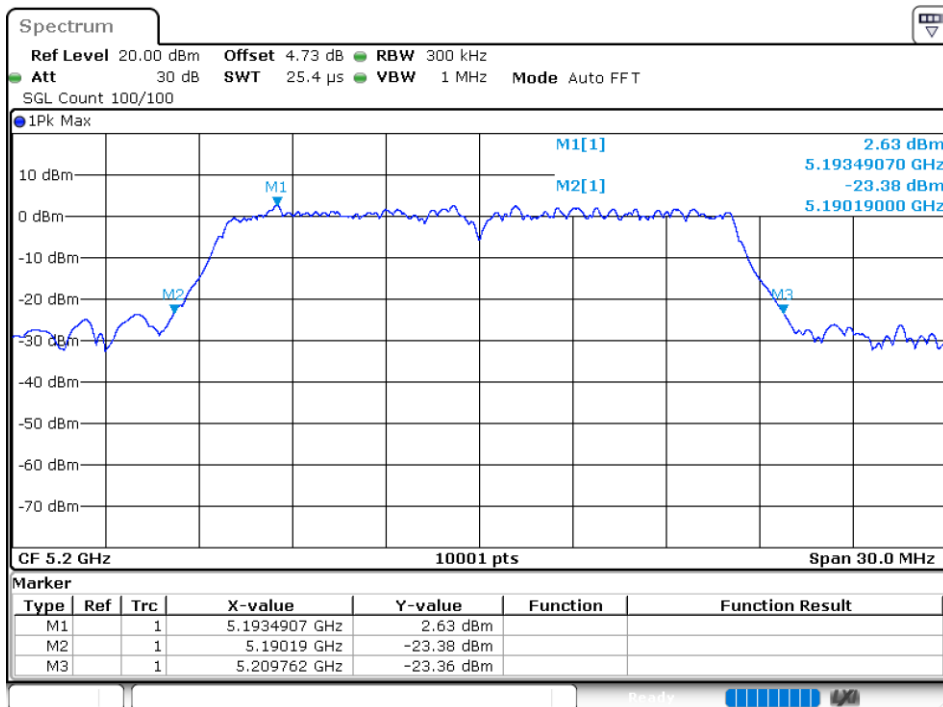
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	23.967	Pass
NVNT	a	5200	Ant1	19.572	Pass
NVNT	a	5240	Ant1	25.323	Pass
NVNT	n20	5180	Ant1	22.332	Pass
NVNT	n20	5200	Ant1	19.8	Pass
NVNT	n20	5240	Ant1	20.016	Pass
NVNT	n40	5190	Ant1	47.79	Pass
NVNT	n40	5230	Ant1	53.604	Pass
NVNT	ac20	5180	Ant1	20.79	Pass
NVNT	ac20	5200	Ant1	21.789	Pass
NVNT	ac20	5240	Ant1	21.504	Pass
NVNT	ac40	5190	Ant1	49.71	Pass
NVNT	ac40	5230	Ant1	51.012	Pass
NVNT	ac80	5210	Ant1	98.556	Pass

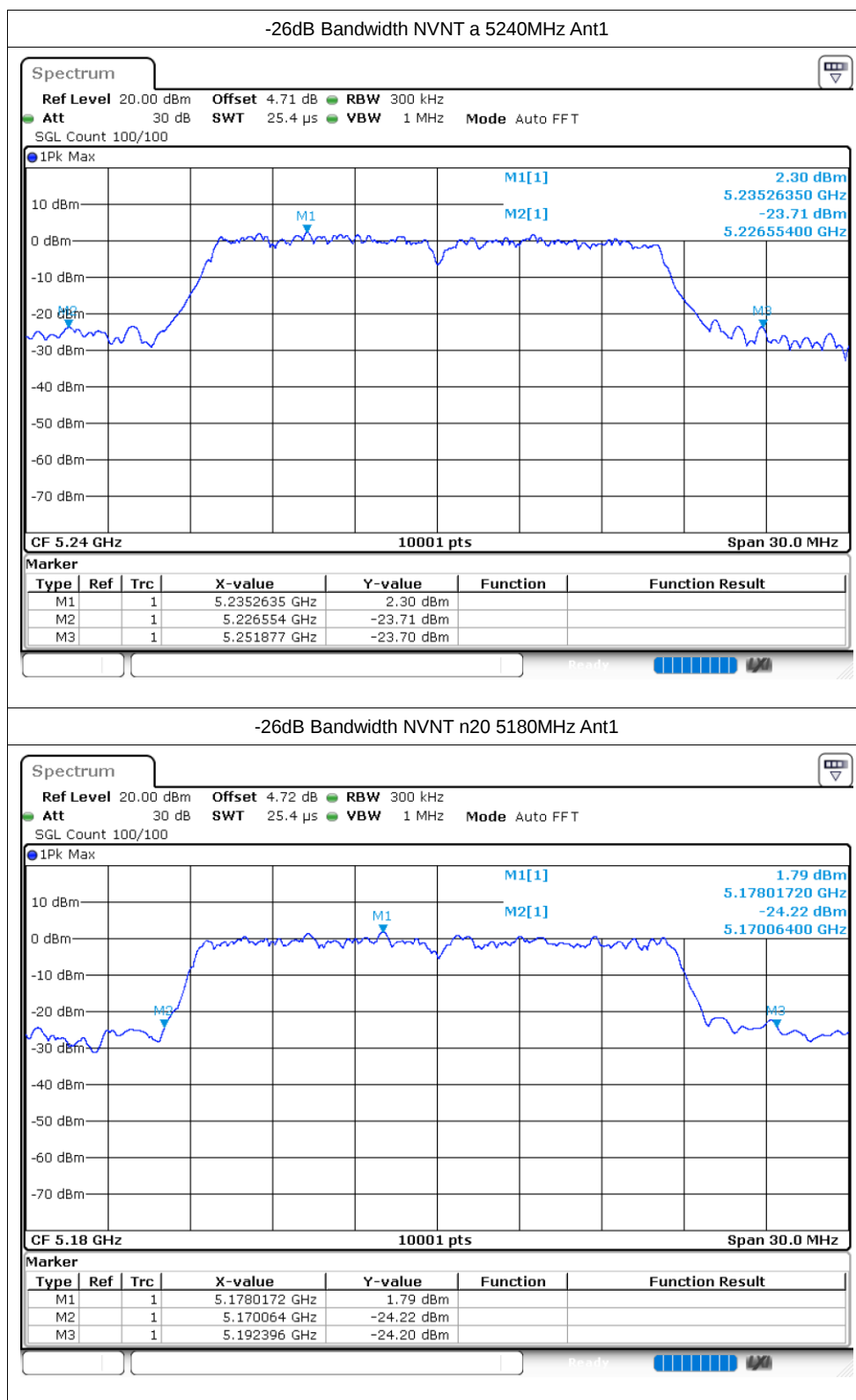
Test Graphs

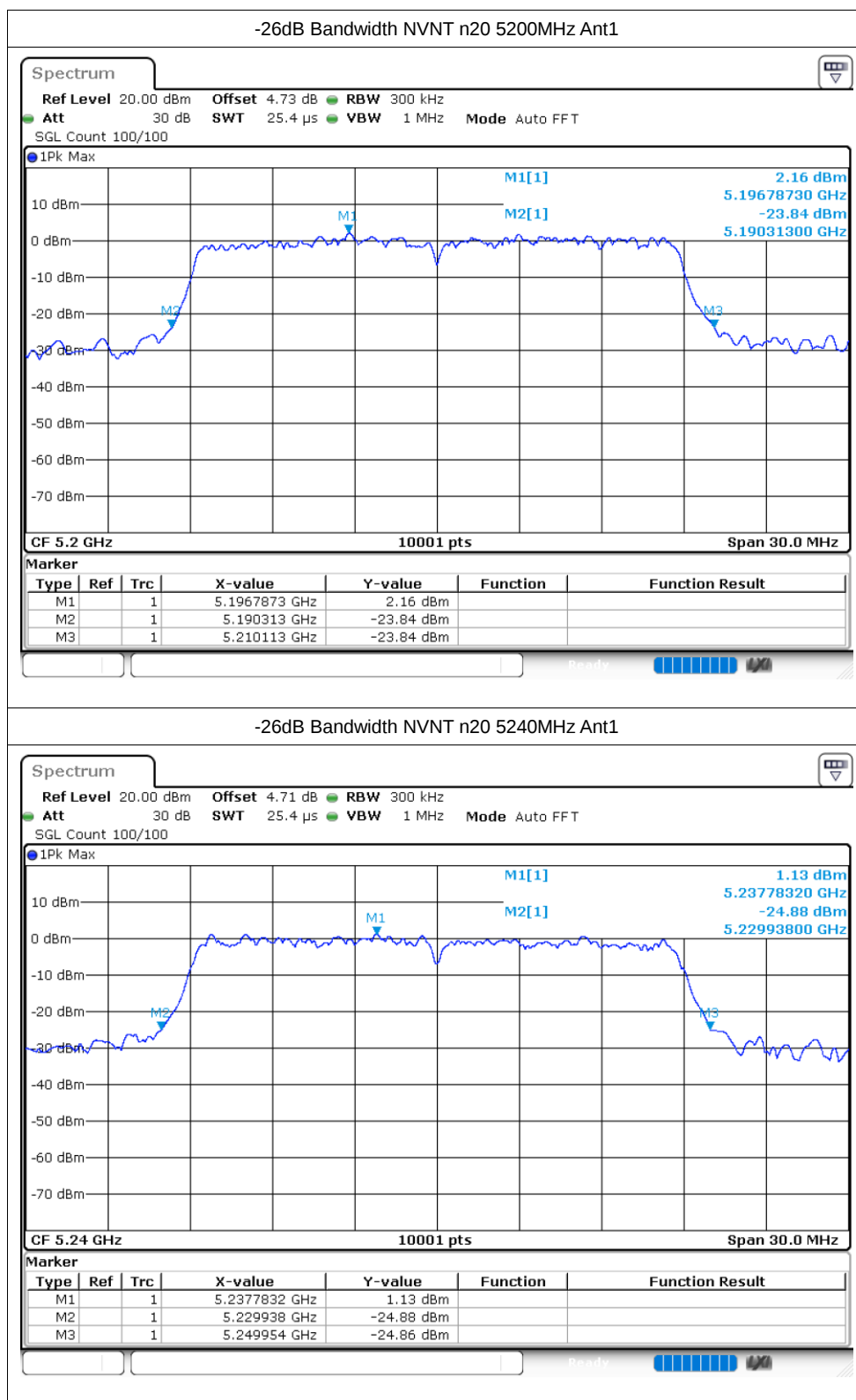
-26dB Bandwidth NVNT a 5180MHz Ant1

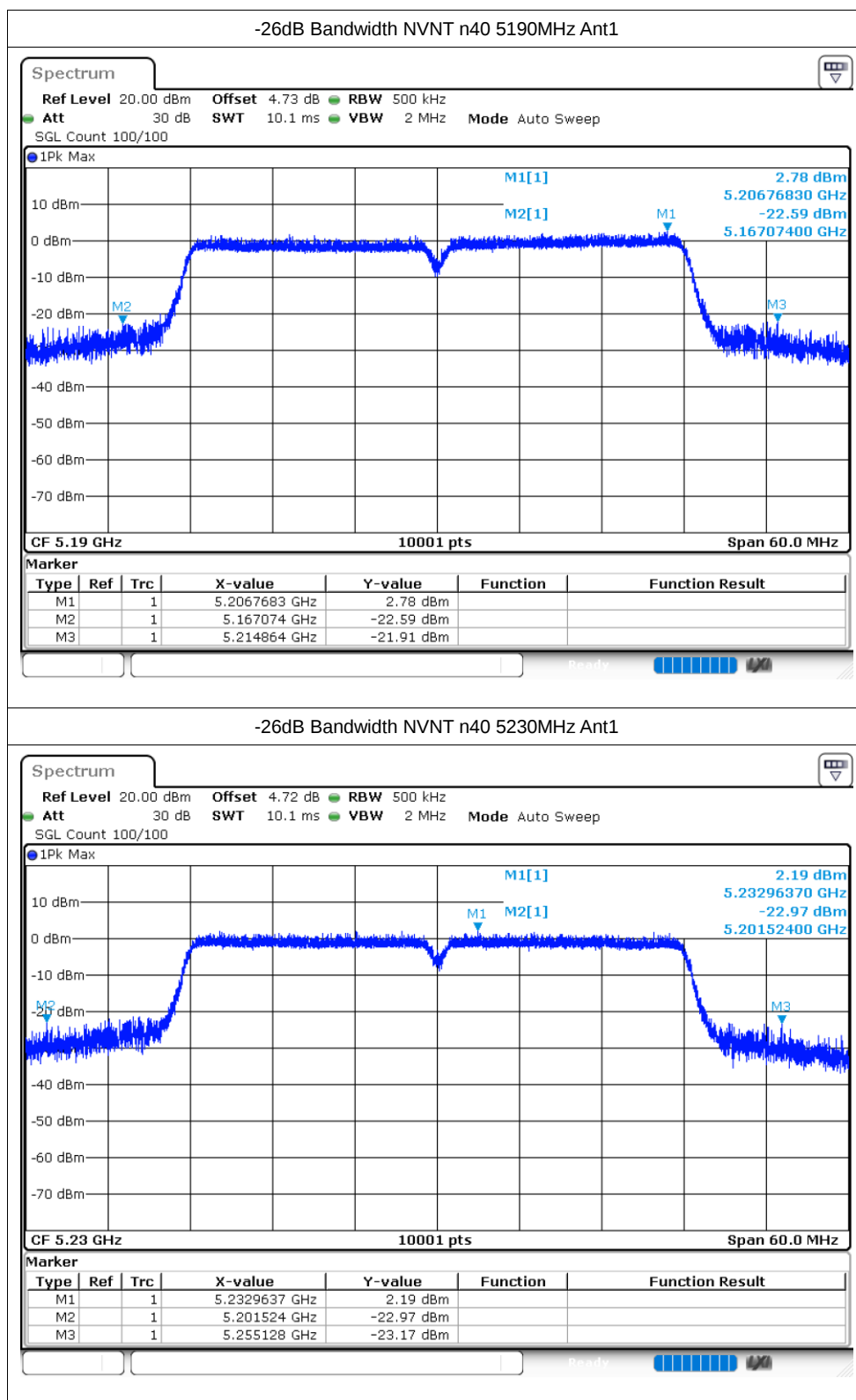


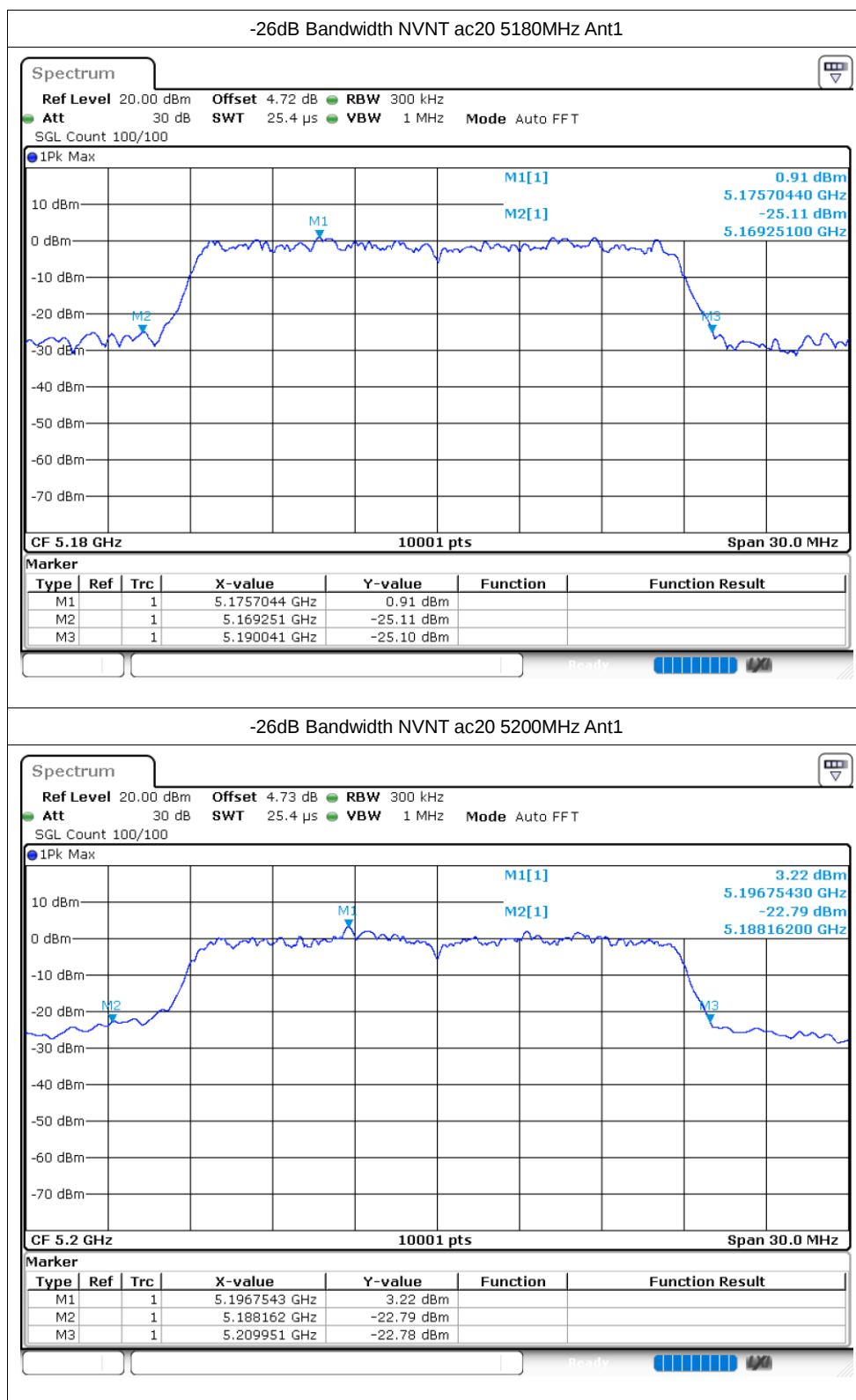
-26dB Bandwidth NVNT a 5200MHz Ant1

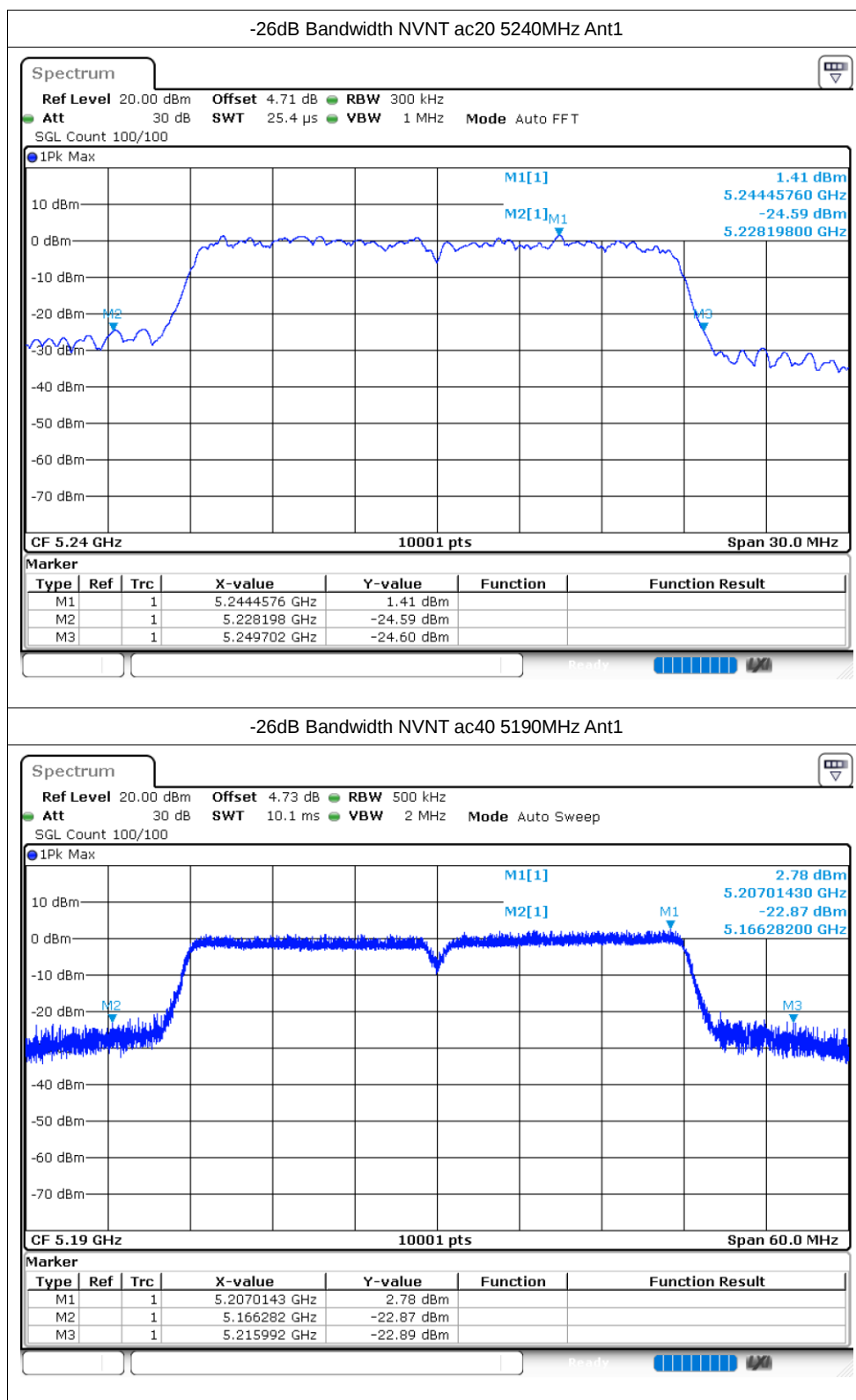


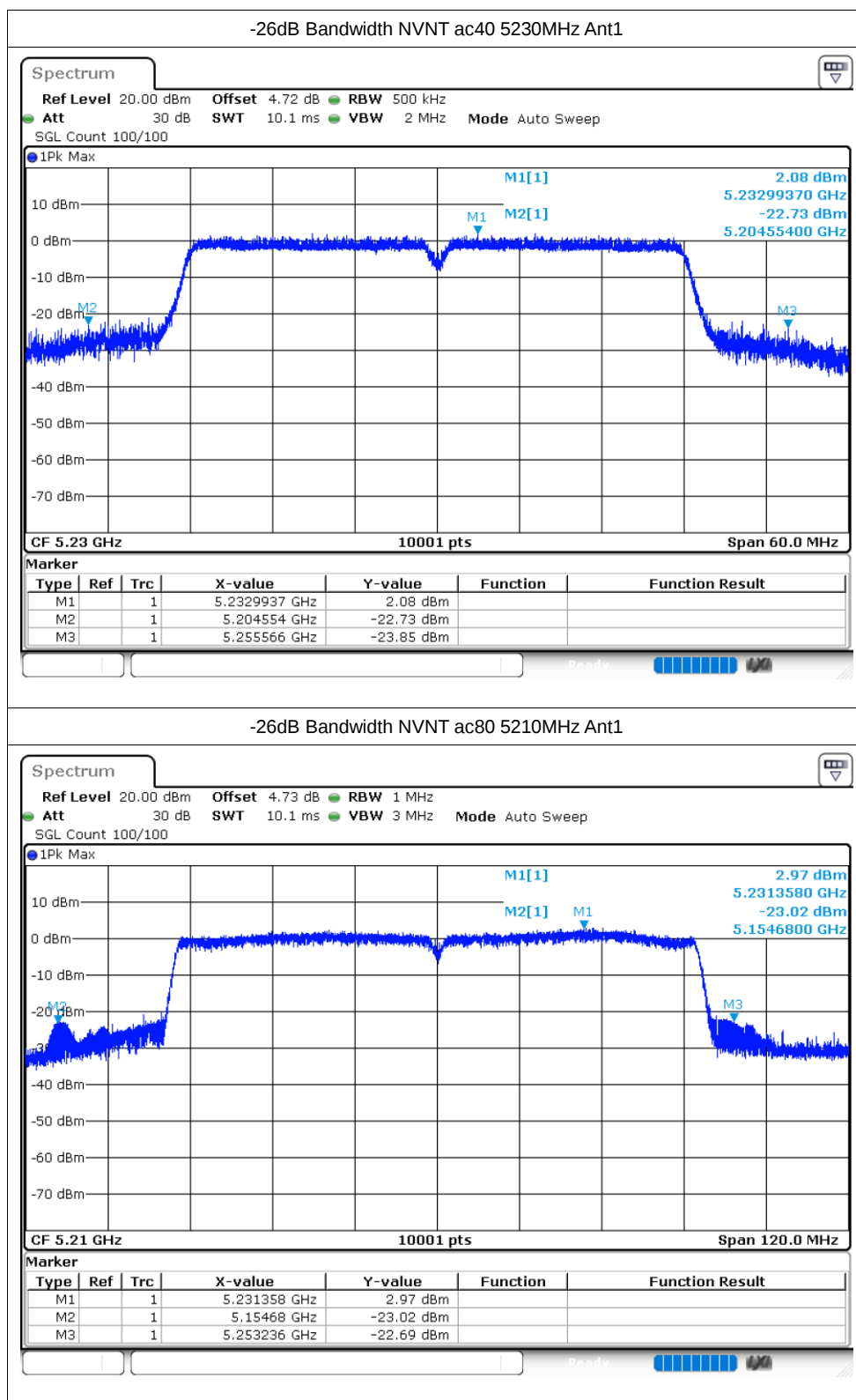










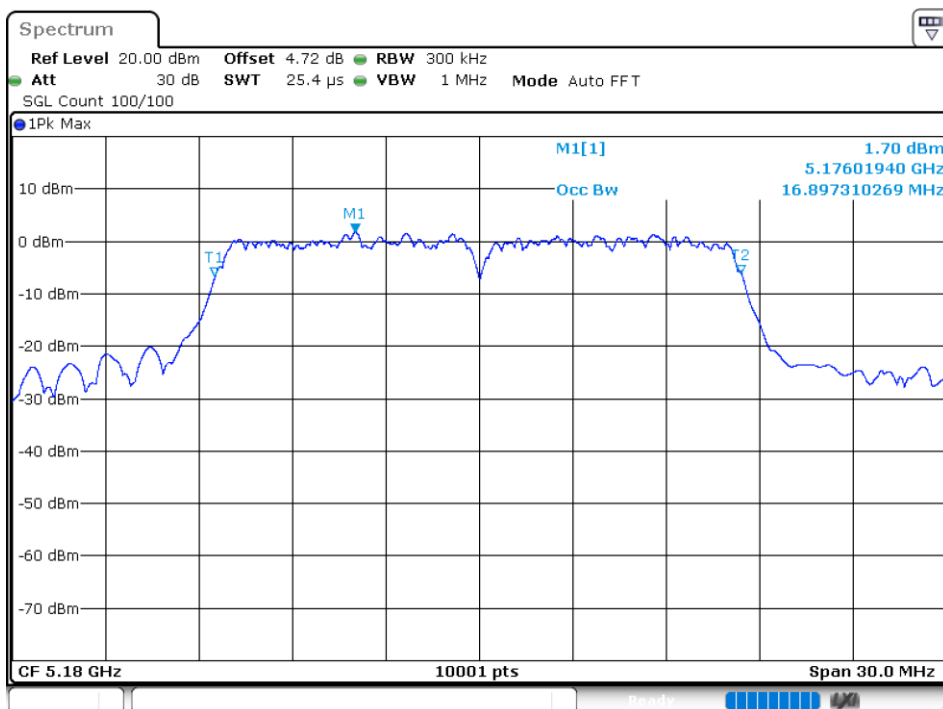


Occupied Channel Bandwidth

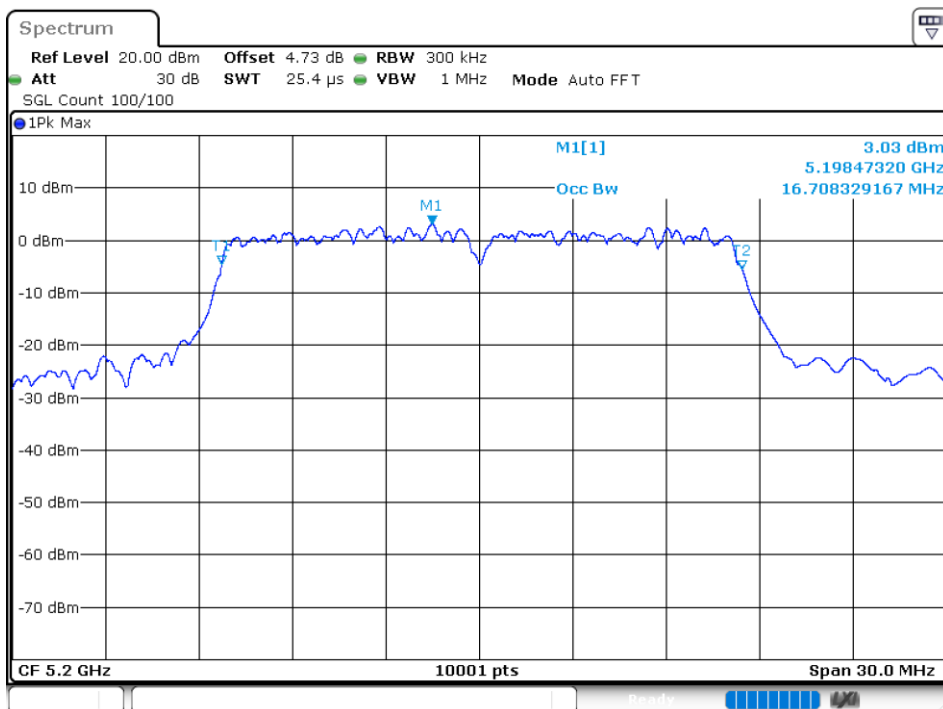
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.897
NVNT	a	5200	Ant1	16.708
NVNT	a	5240	Ant1	16.696
NVNT	n20	5180	Ant1	17.743
NVNT	n20	5200	Ant1	17.62
NVNT	n20	5240	Ant1	17.569
NVNT	n40	5190	Ant1	36.362
NVNT	n40	5230	Ant1	36.29
NVNT	ac20	5180	Ant1	17.701
NVNT	ac20	5200	Ant1	17.722
NVNT	ac20	5240	Ant1	17.614
NVNT	ac40	5190	Ant1	36.392
NVNT	ac40	5230	Ant1	36.302
NVNT	ac80	5210	Ant1	75.448

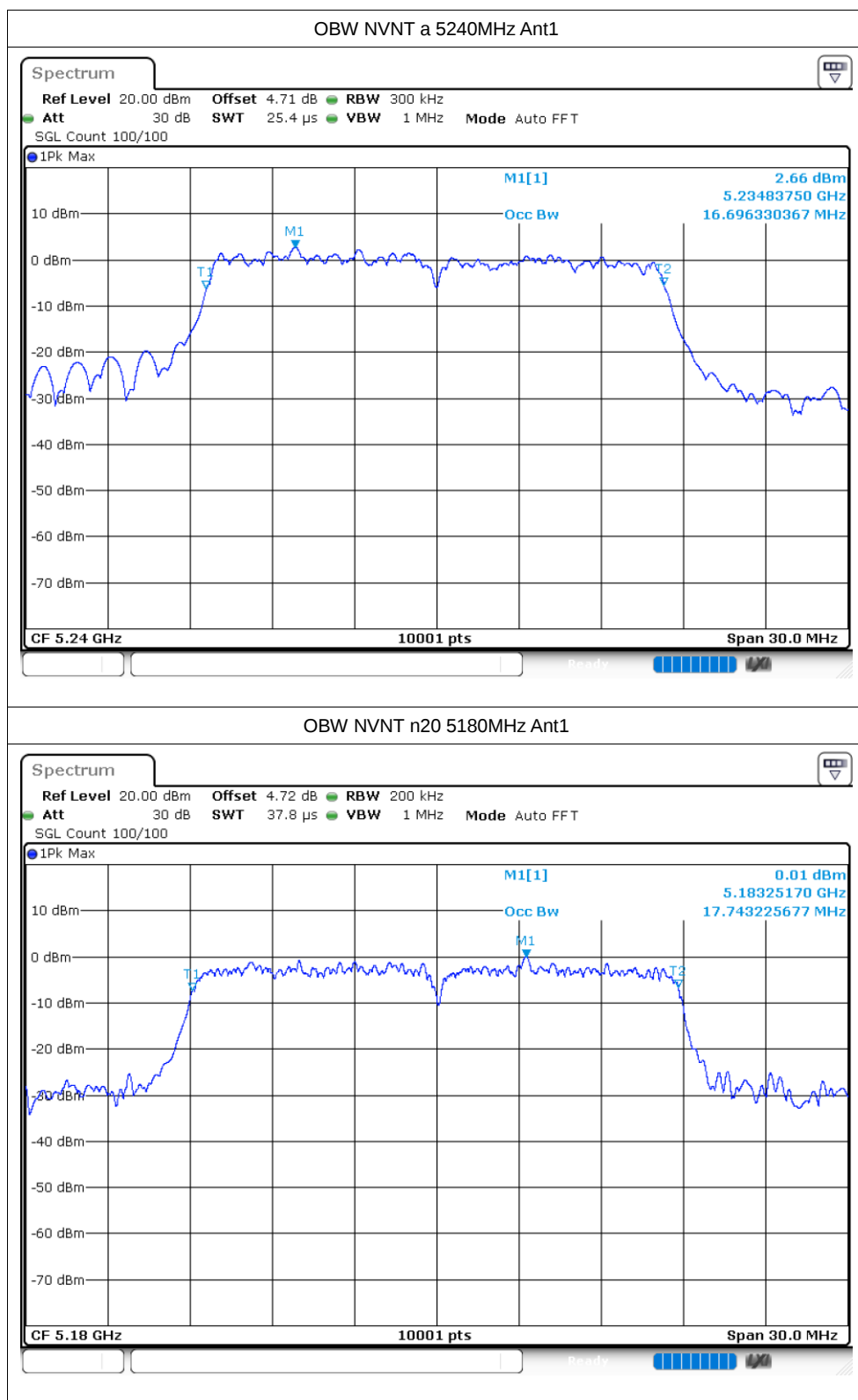
Test Graphs

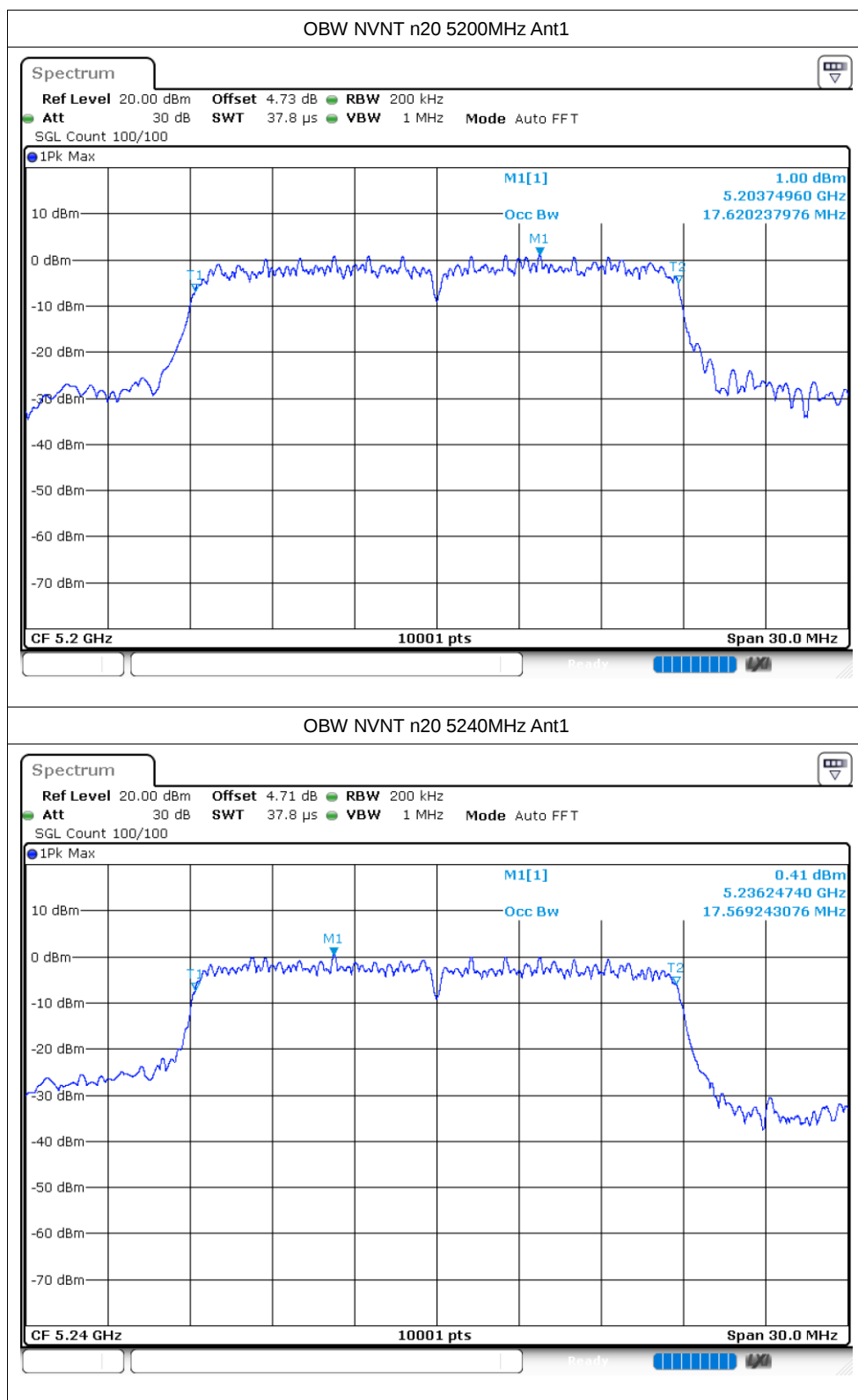
OBW NVNT a 5180MHz Ant1

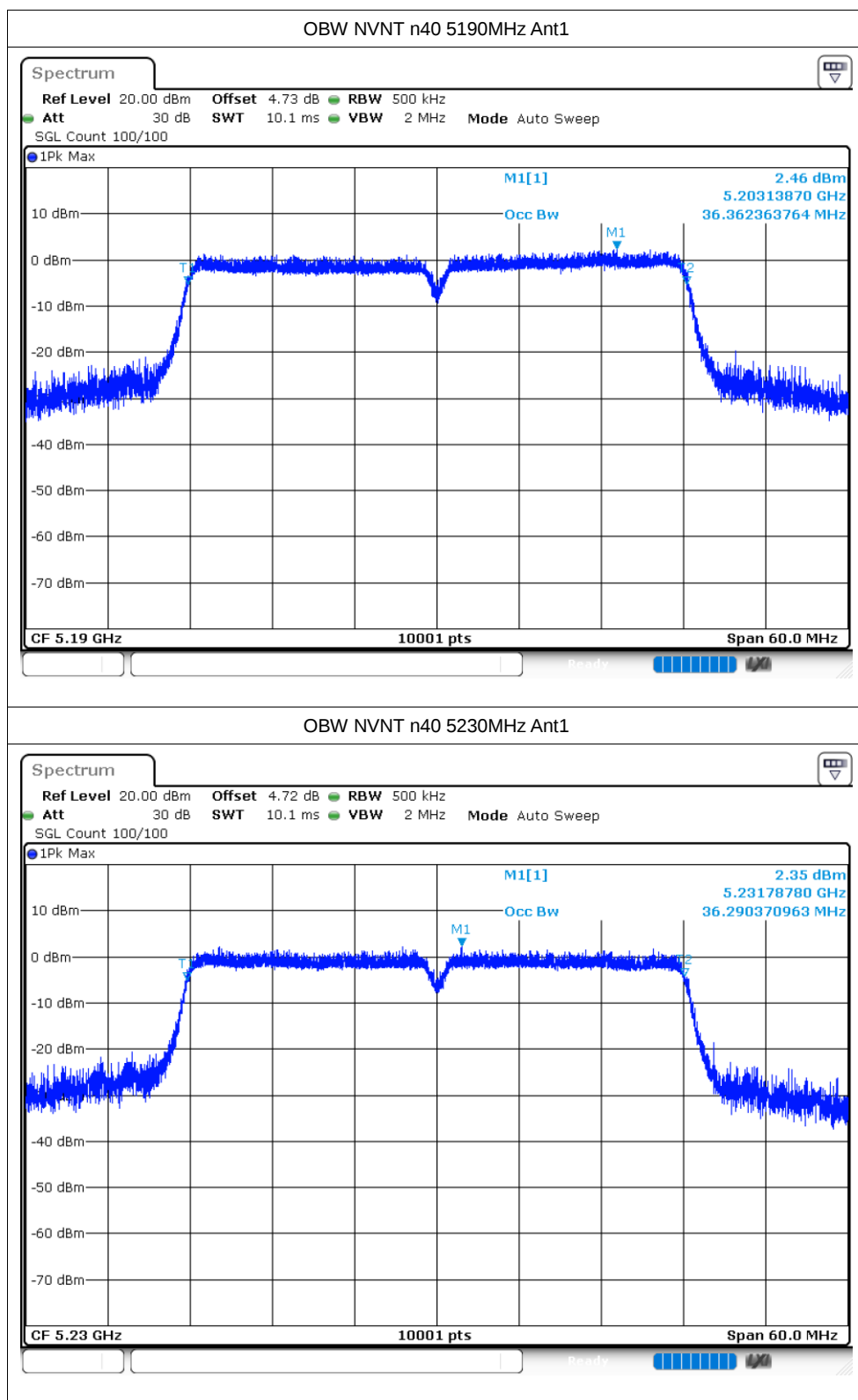


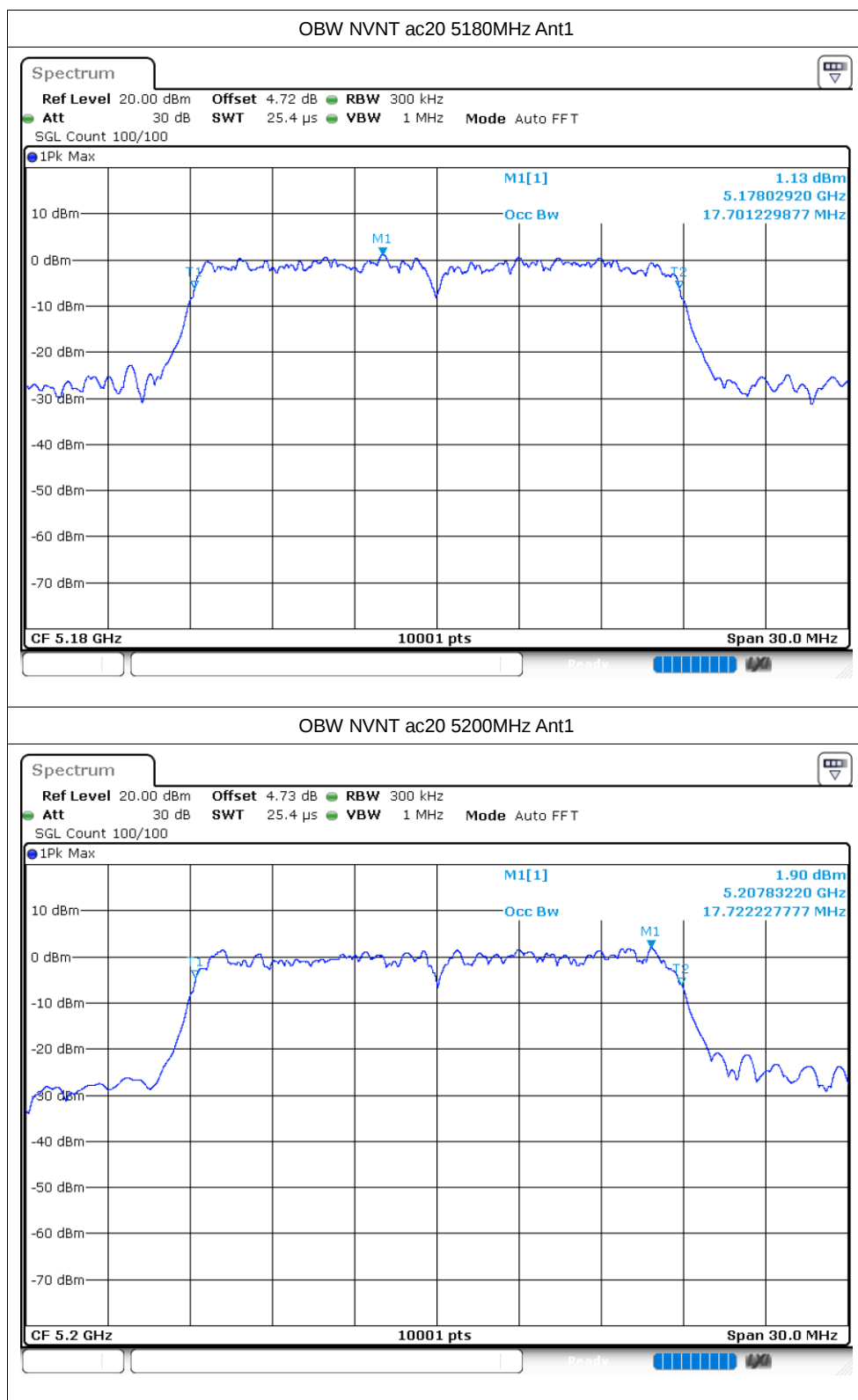
OBW NVNT a 5200MHz Ant1

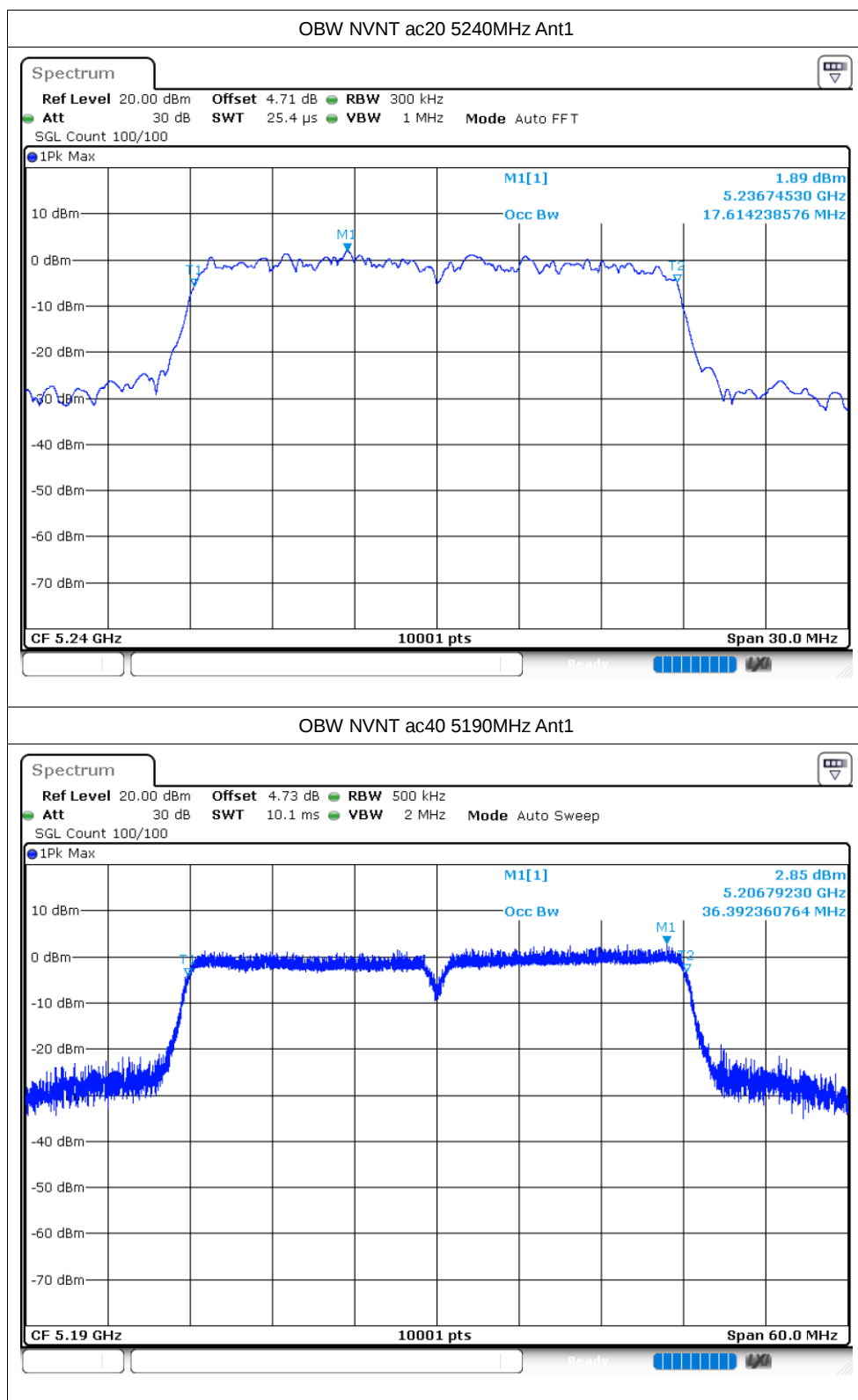


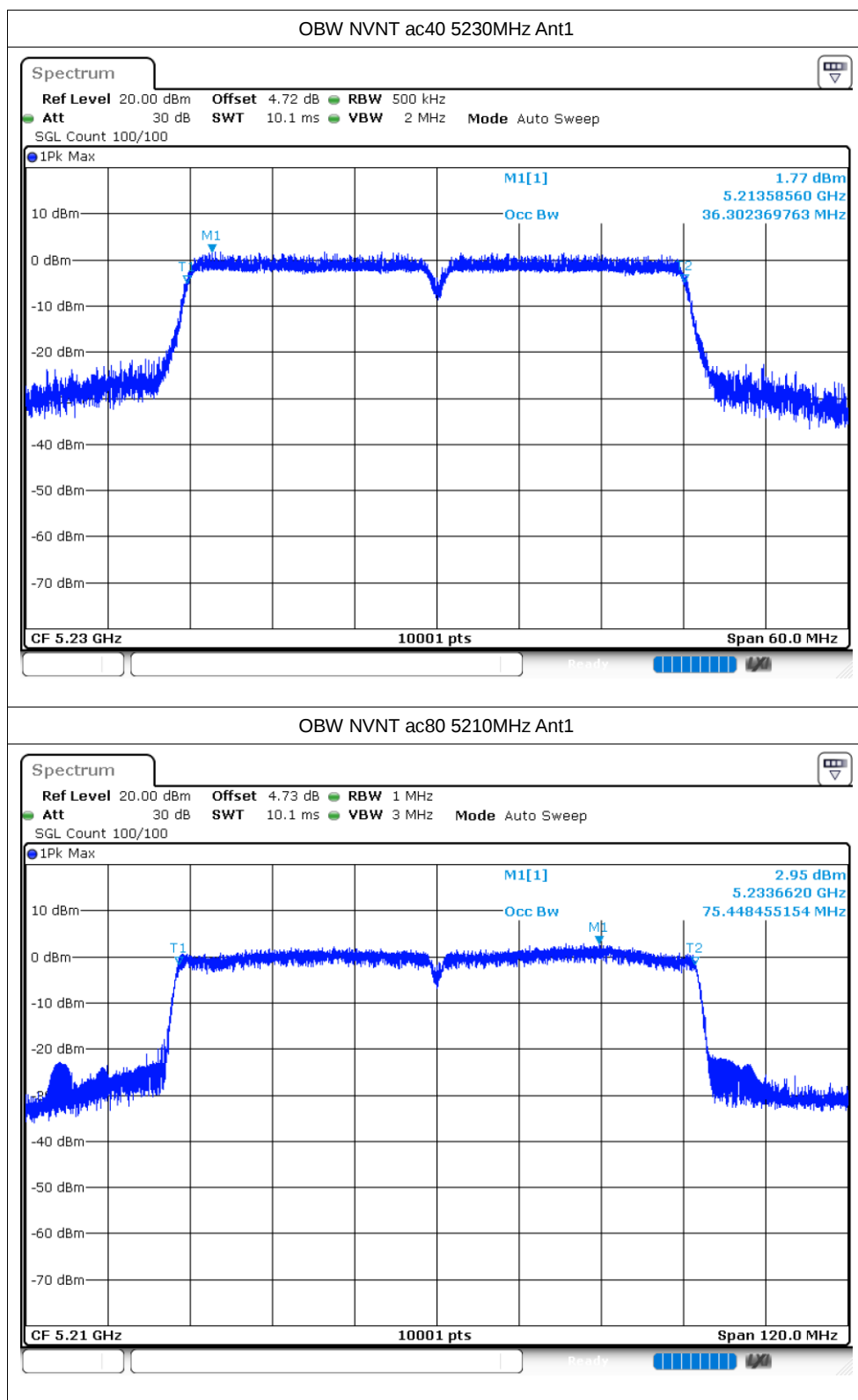






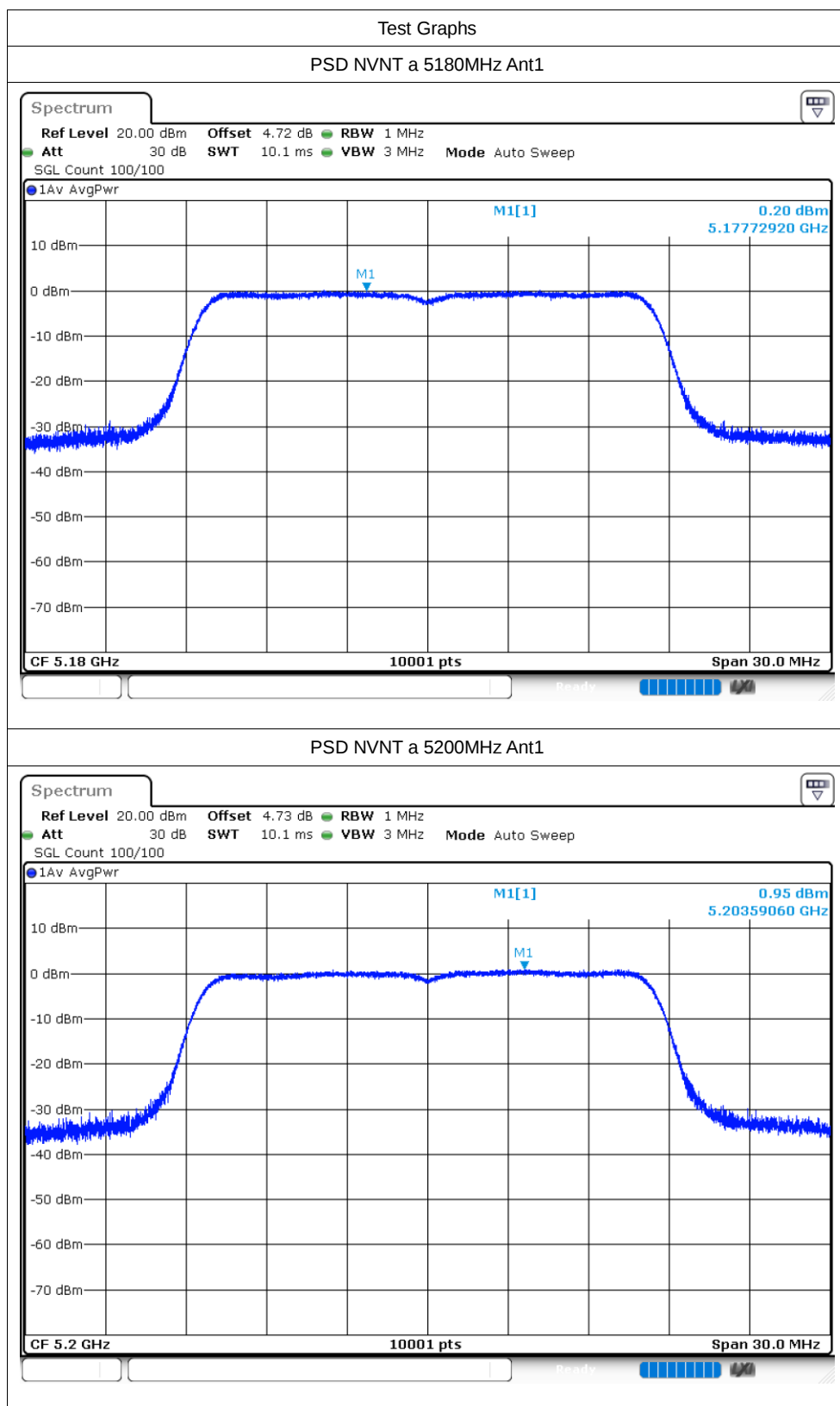


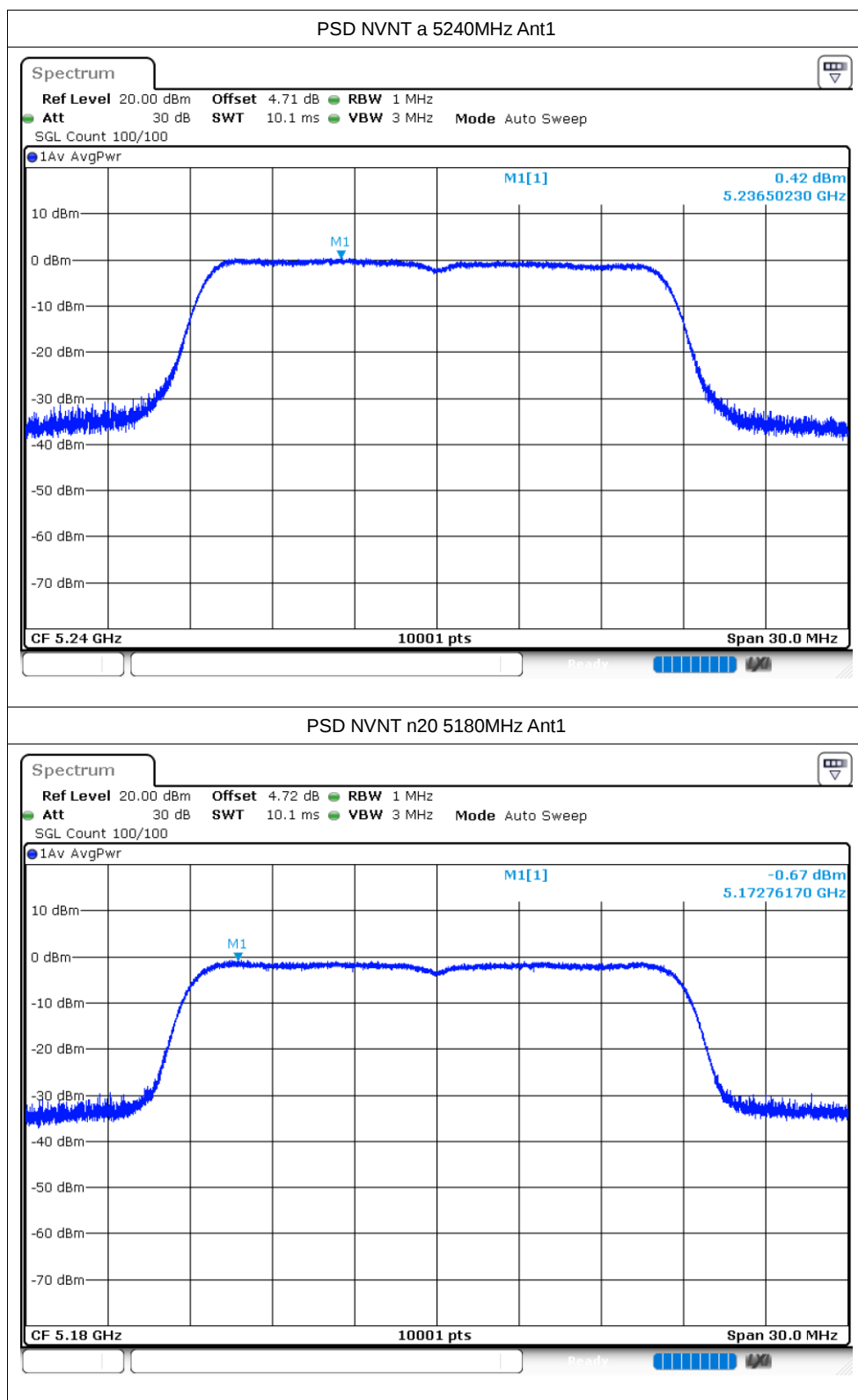


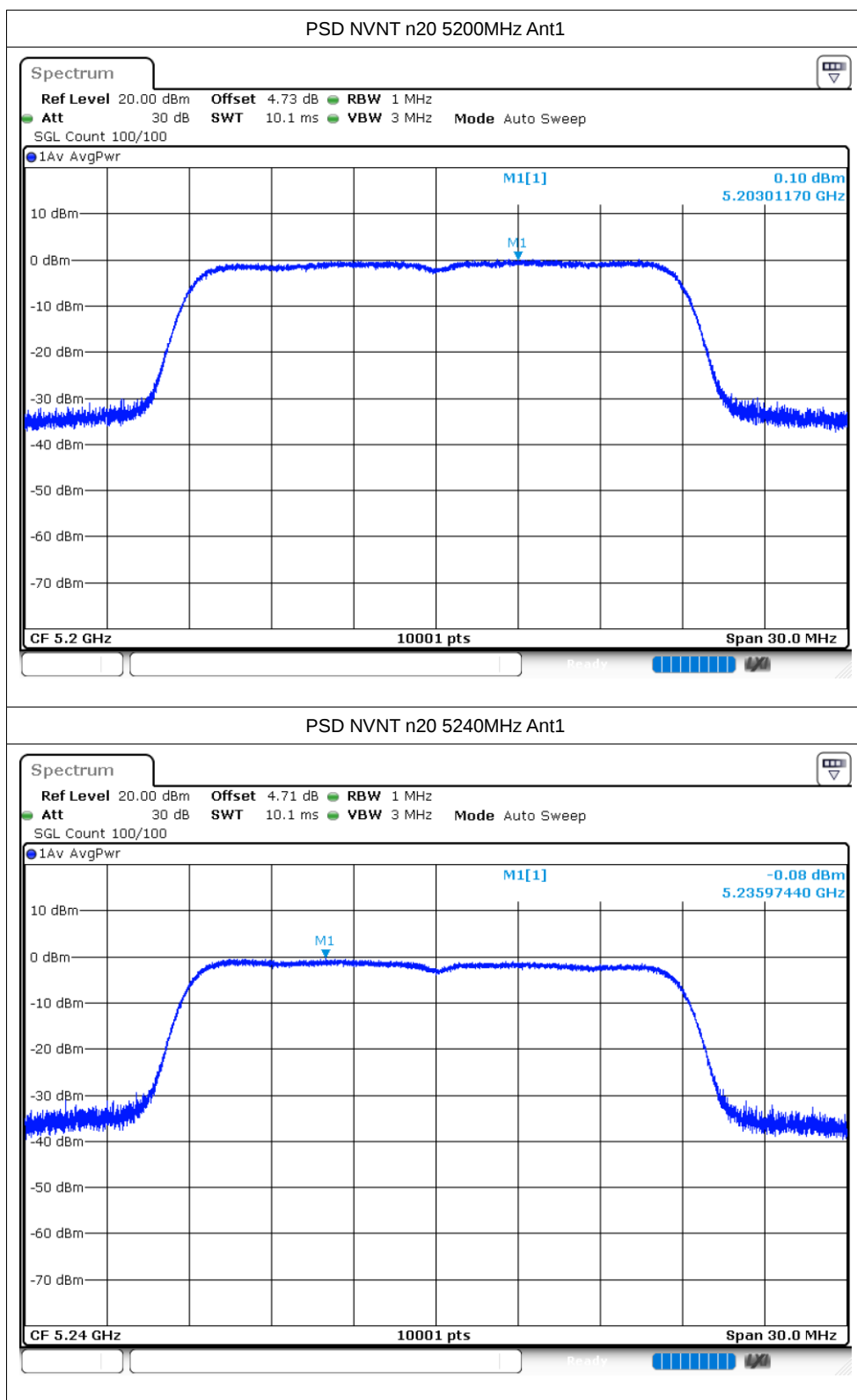


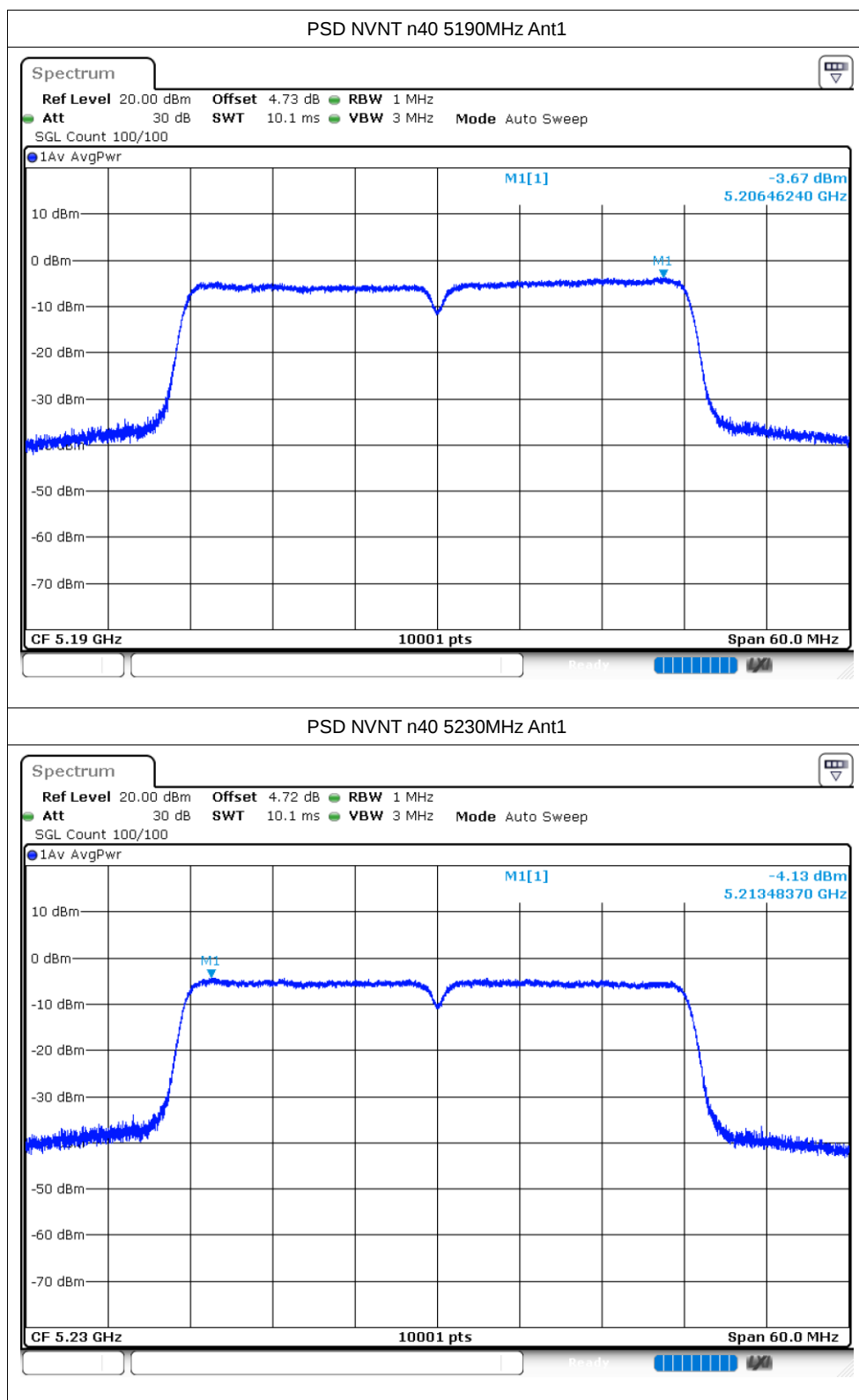
Maximum Power Spectral Density Level

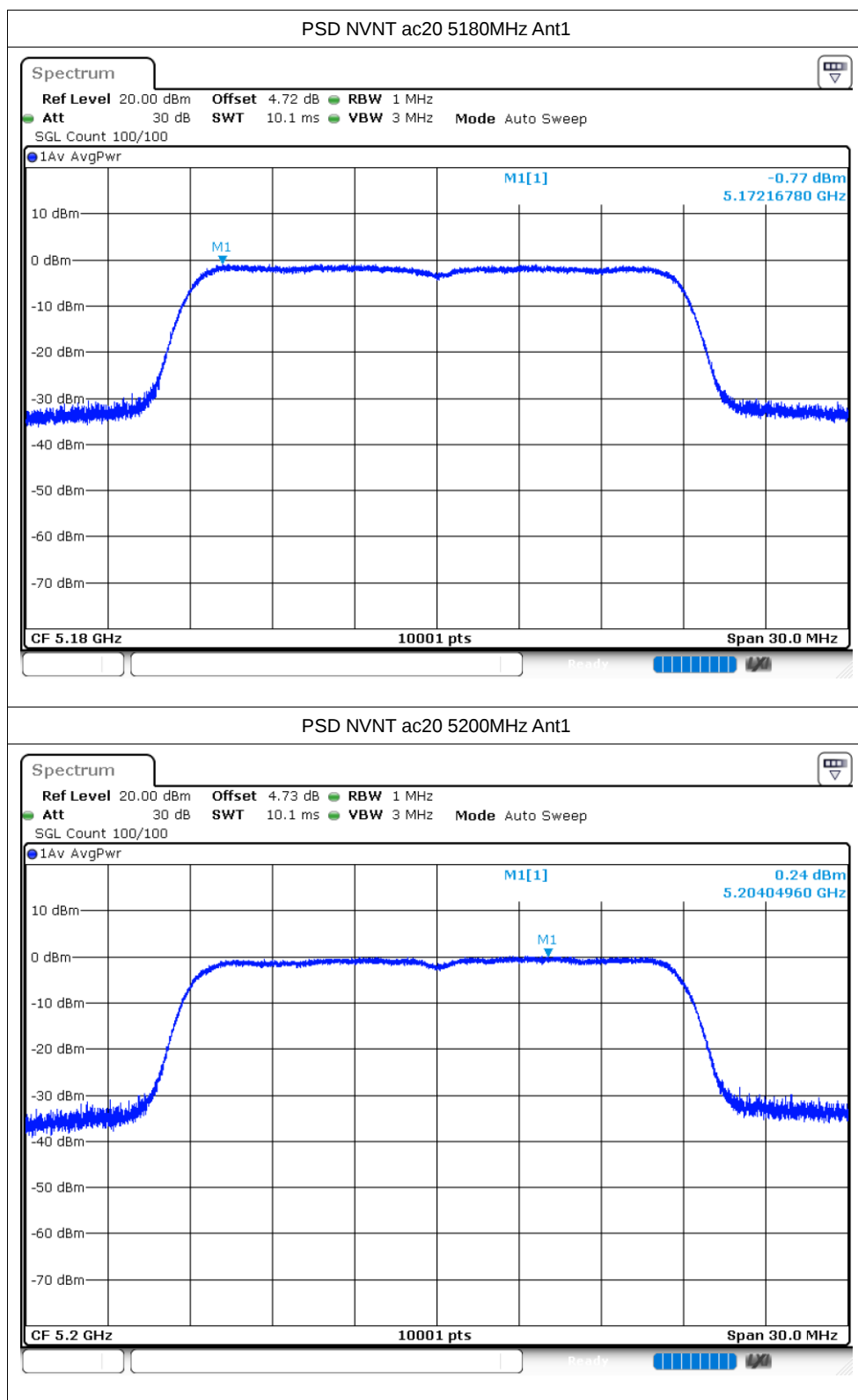
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	0.2	0.12	0.32	11	Pass
NVNT	a	5200	Ant1	0.95	0.15	1.1	11	Pass
NVNT	a	5240	Ant1	0.42	0.15	0.57	11	Pass
NVNT	n20	5180	Ant1	-0.67	0.16	-0.51	11	Pass
NVNT	n20	5200	Ant1	0.1	0.14	0.24	11	Pass
NVNT	n20	5240	Ant1	-0.08	0.16	0.08	11	Pass
NVNT	n40	5190	Ant1	-3.67	0.35	-3.32	11	Pass
NVNT	n40	5230	Ant1	-4.13	0.28	-3.85	11	Pass
NVNT	ac20	5180	Ant1	-0.77	0.15	-0.62	11	Pass
NVNT	ac20	5200	Ant1	0.24	0.16	0.4	11	Pass
NVNT	ac20	5240	Ant1	-0.24	0.15	-0.09	11	Pass
NVNT	ac40	5190	Ant1	-3.56	0.3	-3.26	11	Pass
NVNT	ac40	5230	Ant1	-4.48	0.29	-4.19	11	Pass
NVNT	ac80	5210	Ant1	-6.78	0.66	-6.12	11	Pass

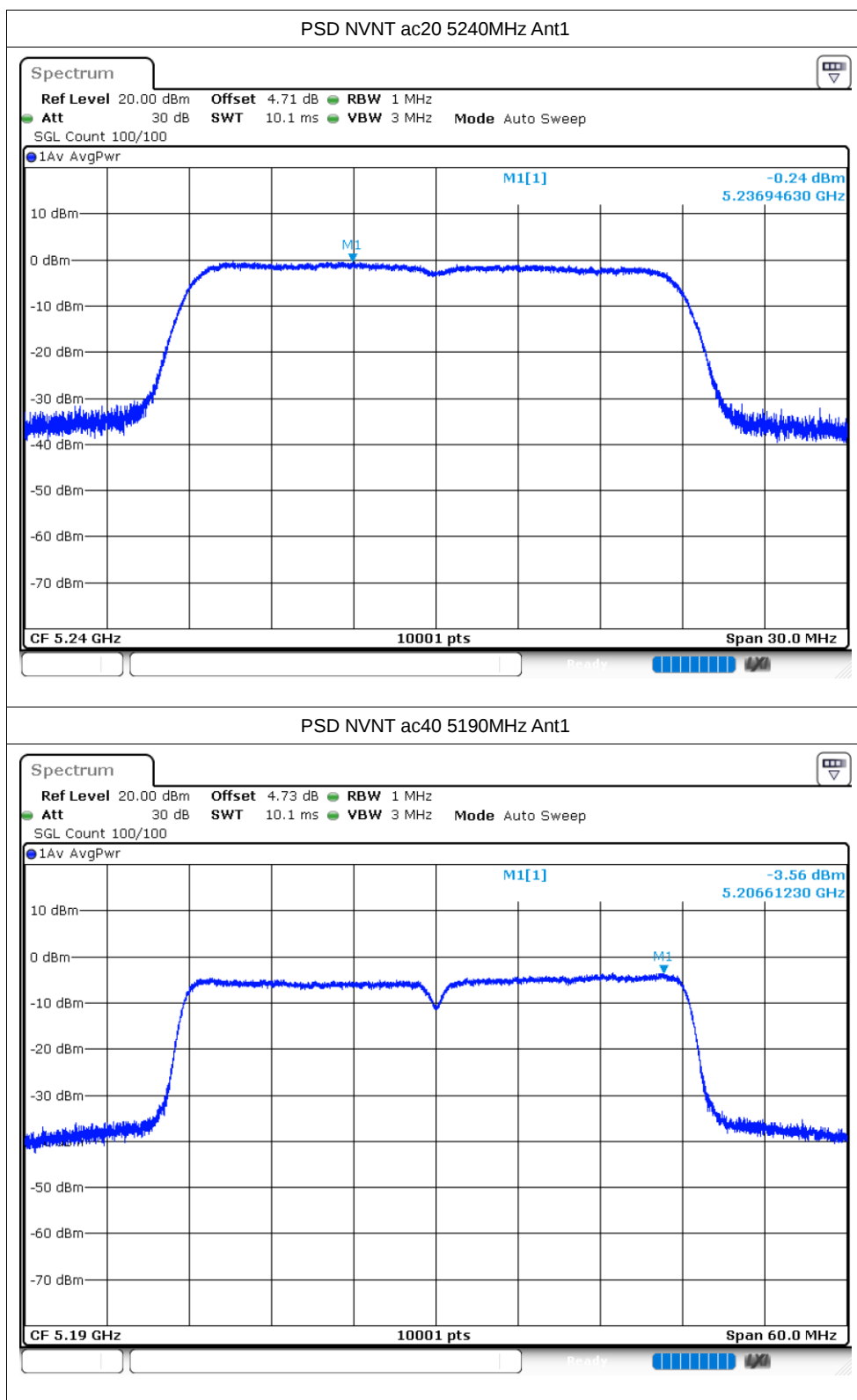


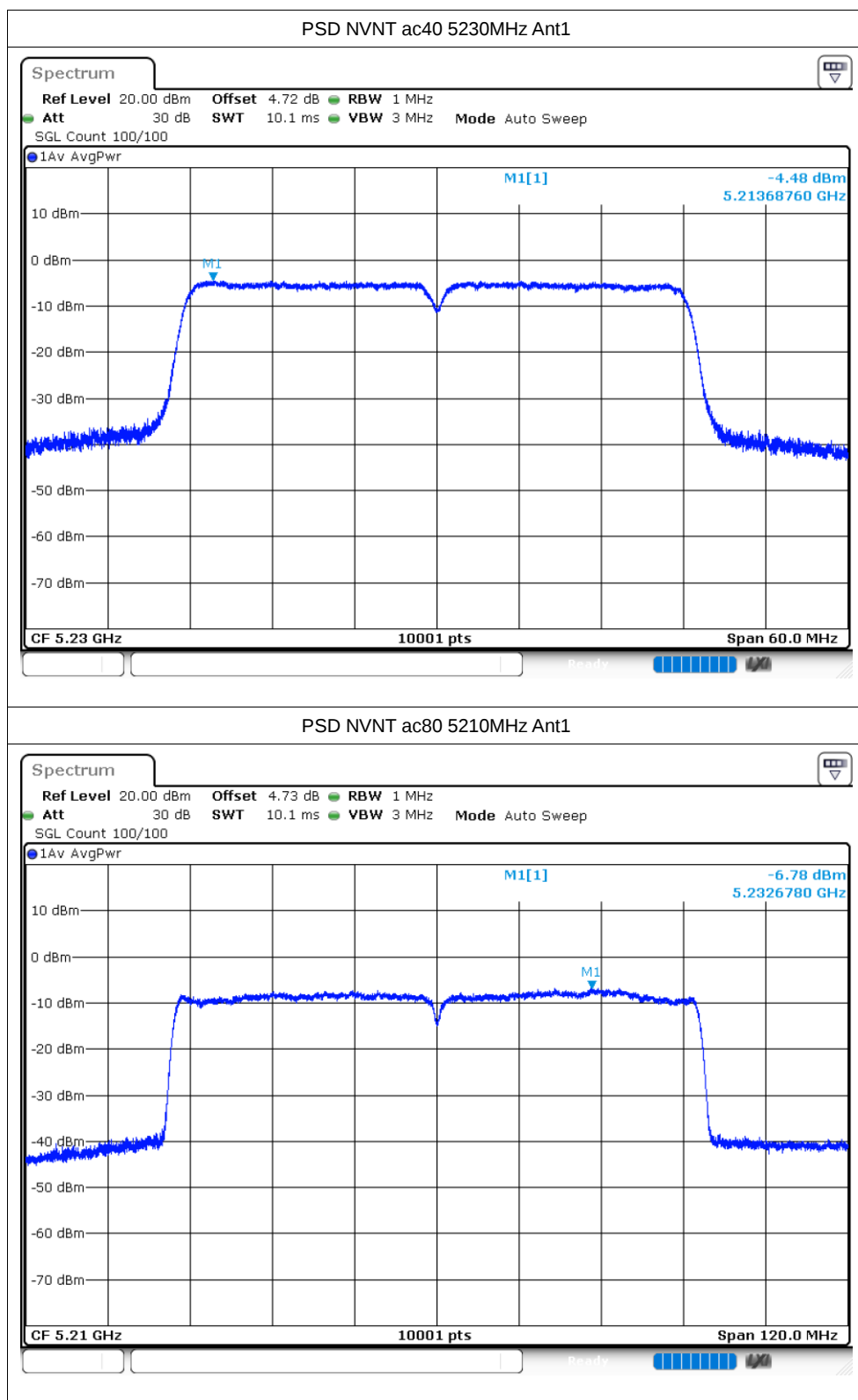










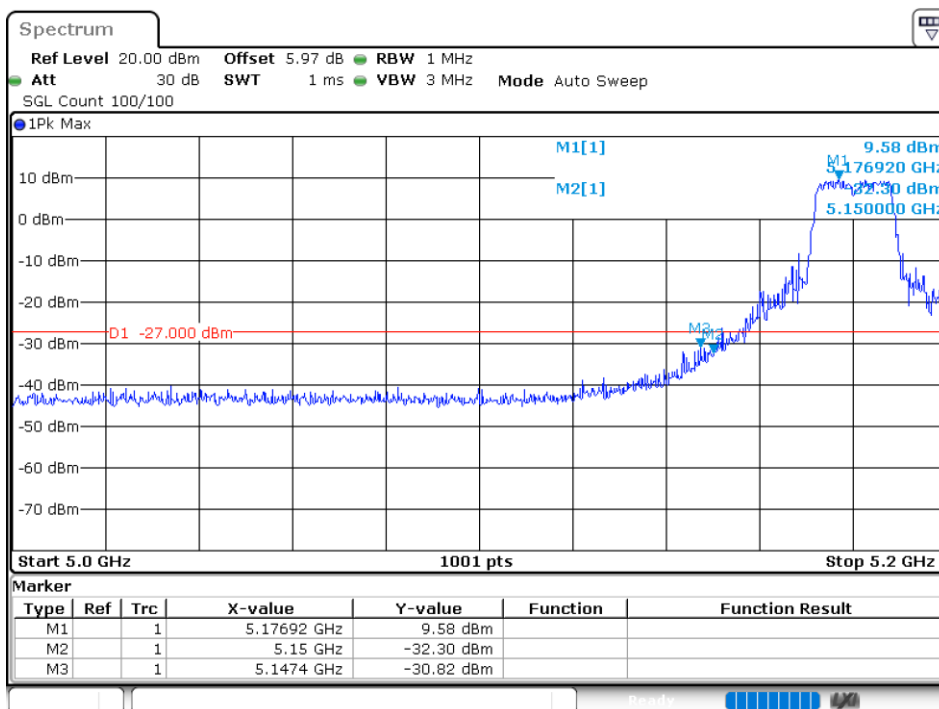


Band Edge

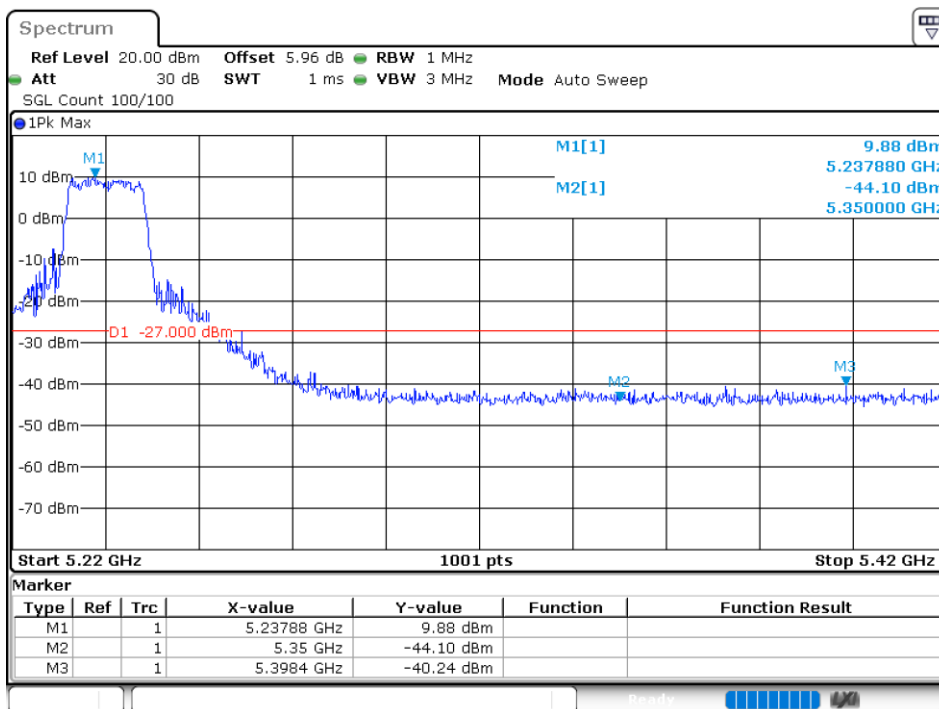
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-30.82	-27	Pass
NVNT	a	5240	Ant1	-40.24	-27	Pass
NVNT	n20	5180	Ant1	-29.89	-27	Pass
NVNT	n20	5240	Ant1	-40.83	-27	Pass
NVNT	n40	5190	Ant1	-29.42	-27	Pass
NVNT	n40	5230	Ant1	-40.68	-27	Pass
NVNT	ac20	5180	Ant1	-28.13	-27	Pass
NVNT	ac20	5240	Ant1	-40.98	-27	Pass
NVNT	ac40	5190	Ant1	-29.99	-27	Pass
NVNT	ac40	5230	Ant1	-40.73	-27	Pass
NVNT	ac80	5210	Ant1	-38.57	-27	Pass
NVNT	ac80	5210	Ant1	-27.66	-27	Pass

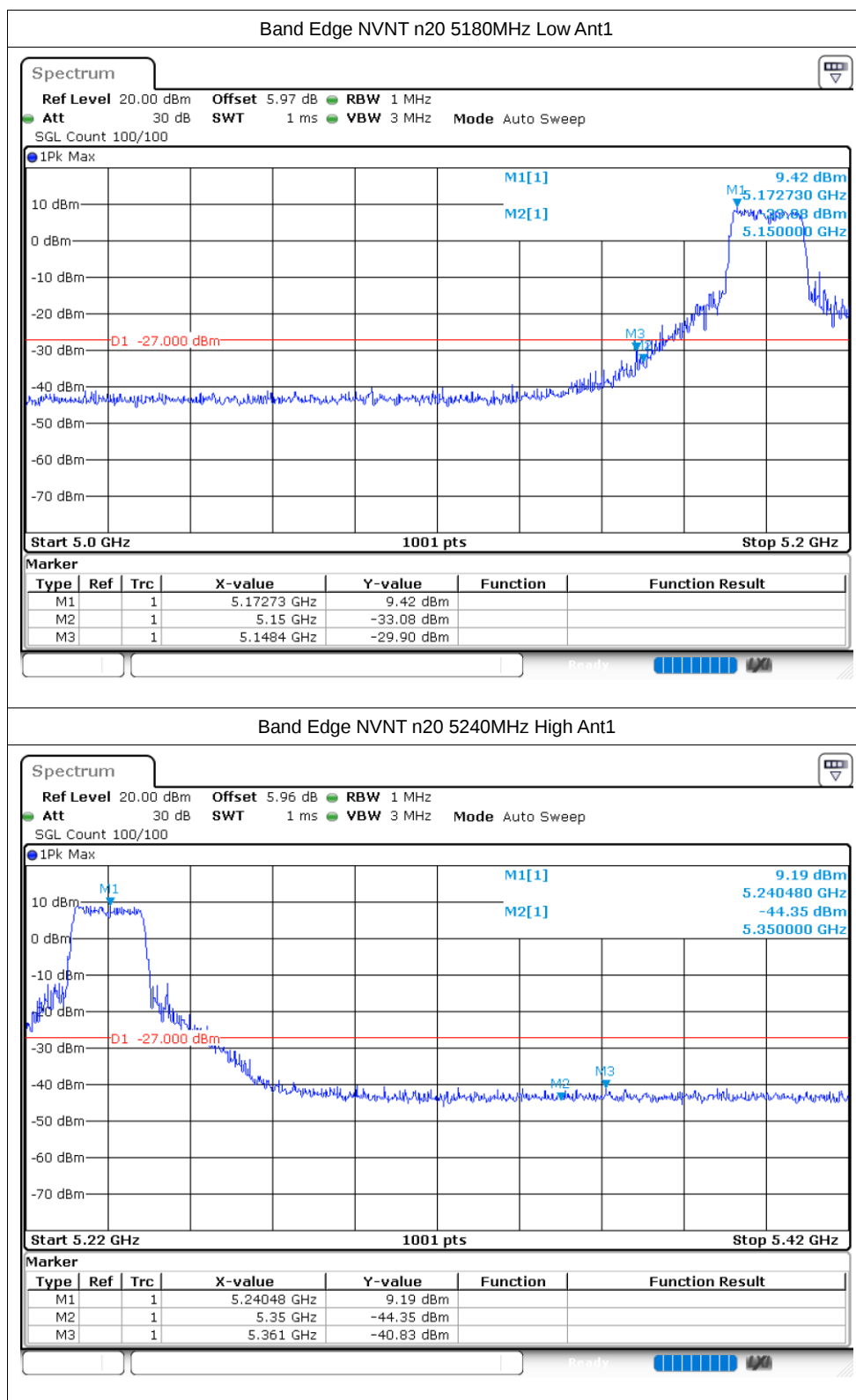
Test Graphs

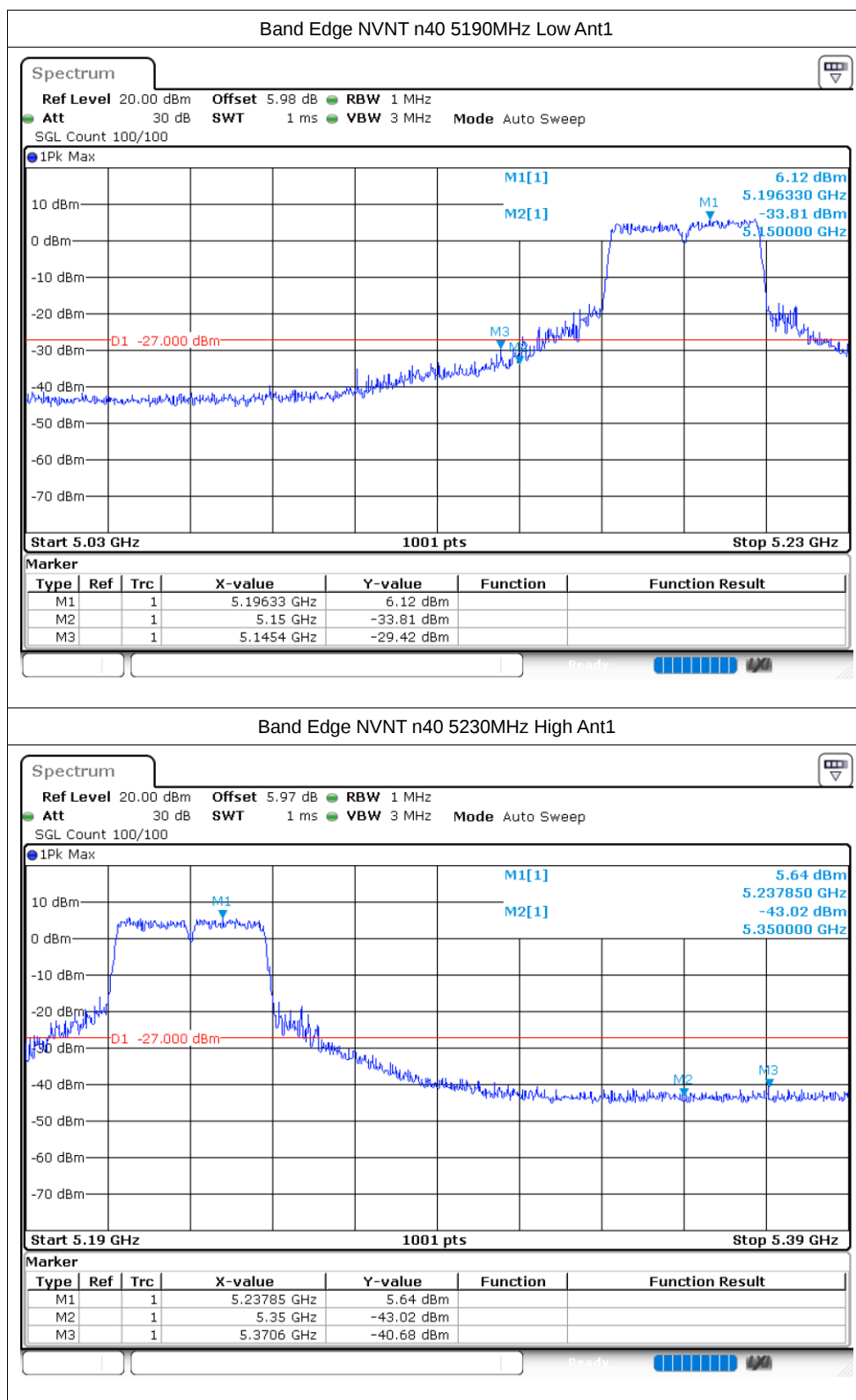
Band Edge NVNT a 5180MHz Low Ant1

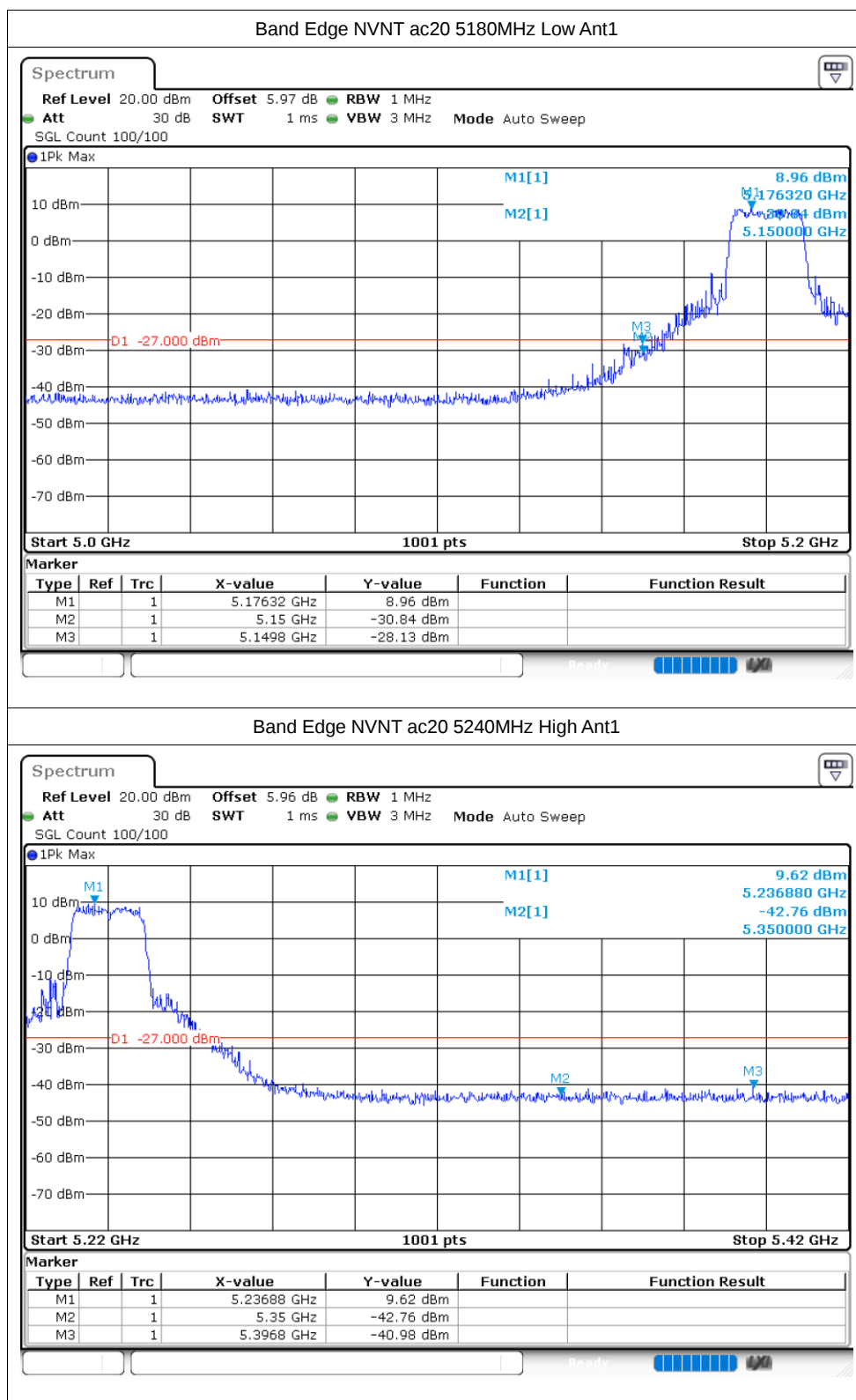


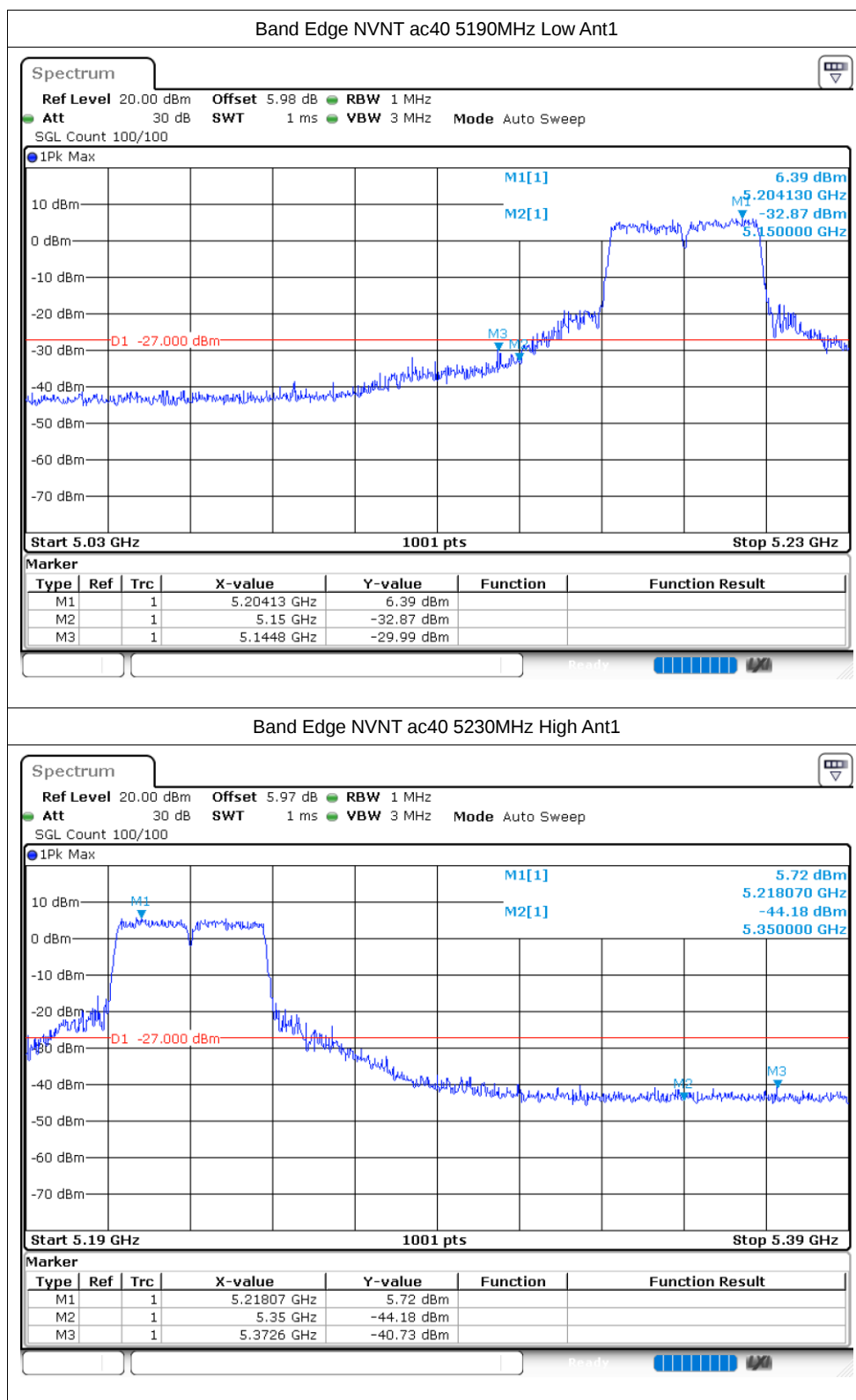
Band Edge NVNT a 5240MHz High Ant1

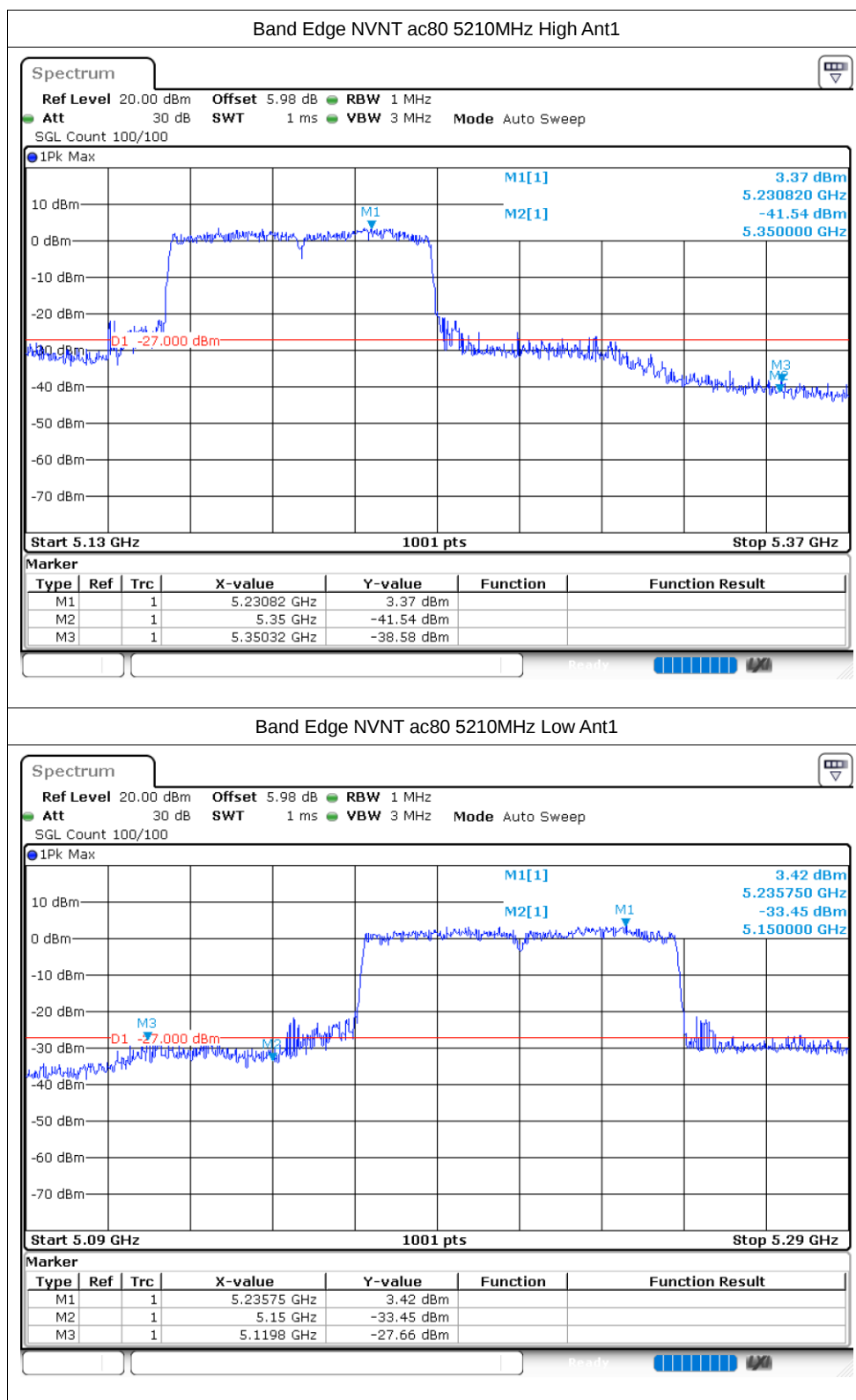












Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-34.07	-27	Pass
NVNT	a	5200	Ant1	-34.07	-27	Pass
NVNT	a	5240	Ant1	-35.21	-27	Pass
NVNT	n20	5180	Ant1	-35.26	-27	Pass
NVNT	n20	5200	Ant1	-34.22	-27	Pass
NVNT	n20	5240	Ant1	-34.98	-27	Pass
NVNT	n40	5190	Ant1	-33.23	-27	Pass
NVNT	n40	5230	Ant1	-33.31	-27	Pass
NVNT	ac20	5180	Ant1	-34.76	-27	Pass
NVNT	ac20	5200	Ant1	-35.03	-27	Pass
NVNT	ac20	5240	Ant1	-34.1	-27	Pass
NVNT	ac40	5190	Ant1	-33.72	-27	Pass
NVNT	ac40	5230	Ant1	-34.55	-27	Pass
NVNT	ac80	5210	Ant1	-34.76	-27	Pass

