

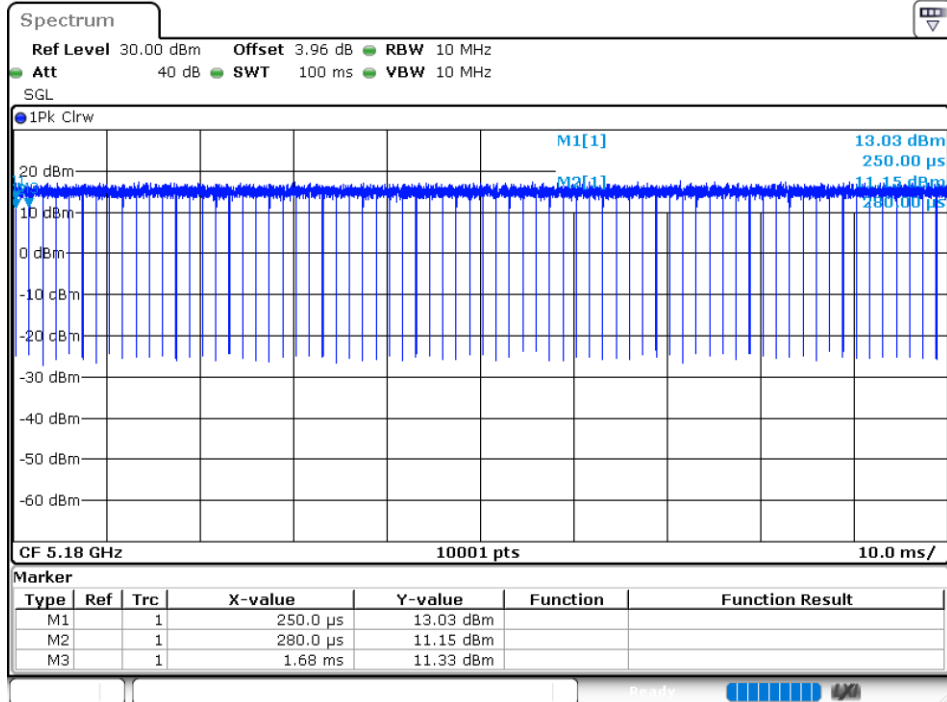
5.2G:

Duty Cycle

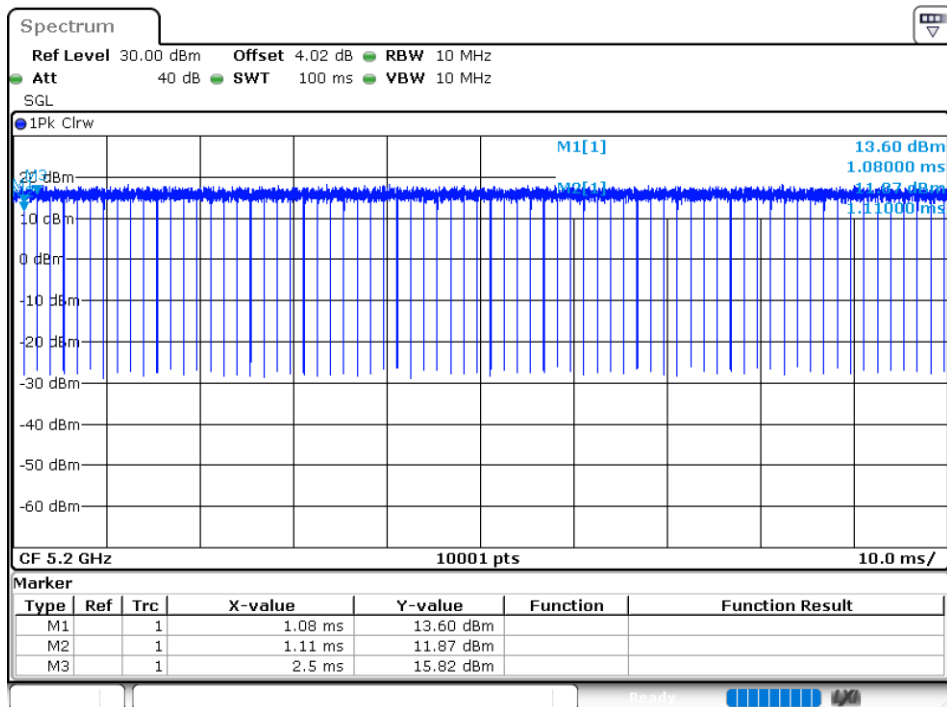
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	98.15	0.08	0.71
NVNT	a	5200	Ant1	98.19	0.08	0.72
NVNT	a	5240	Ant1	98.13	0.08	0.71
NVNT	n20	5180	Ant1	98.06	0.09	0.77
NVNT	n20	5200	Ant1	98.06	0.09	0.77
NVNT	n20	5240	Ant1	98.06	0.09	0.77
NVNT	n40	5190	Ant1	96.3	0.16	1.56
NVNT	n40	5230	Ant1	96.28	0.16	1.56
NVNT	ac20	5180	Ant1	98.09	0.08	0.76
NVNT	ac20	5200	Ant1	98.06	0.09	0.76
NVNT	ac20	5240	Ant1	98.07	0.08	0.76
NVNT	ac40	5190	Ant1	96.35	0.16	1.54
NVNT	ac40	5230	Ant1	96.35	0.16	1.52
NVNT	ac80	5210	Ant1	93.13	0.31	3.03

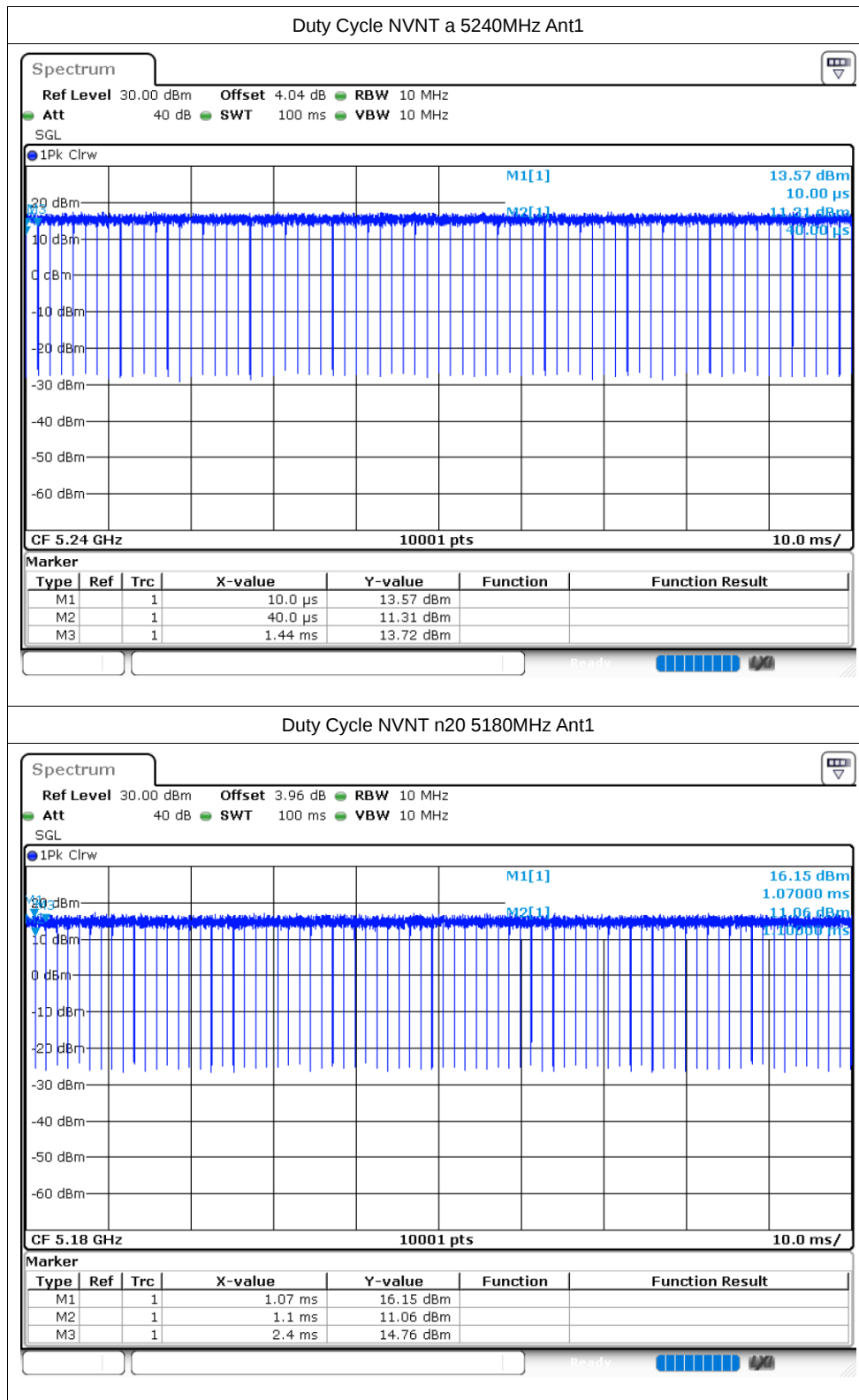
Test Graphs

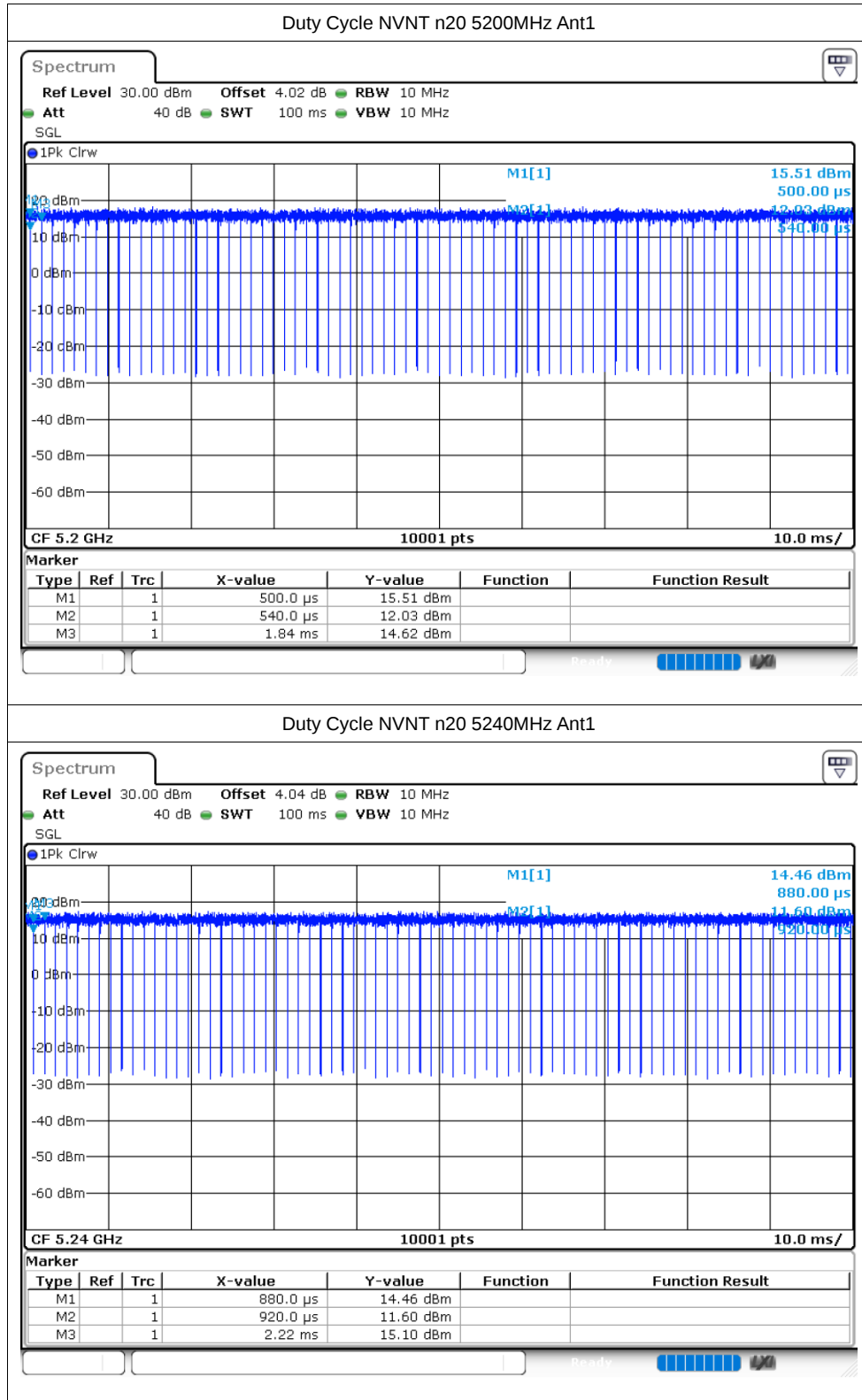
Duty Cycle NVNT a 5180MHz Ant1

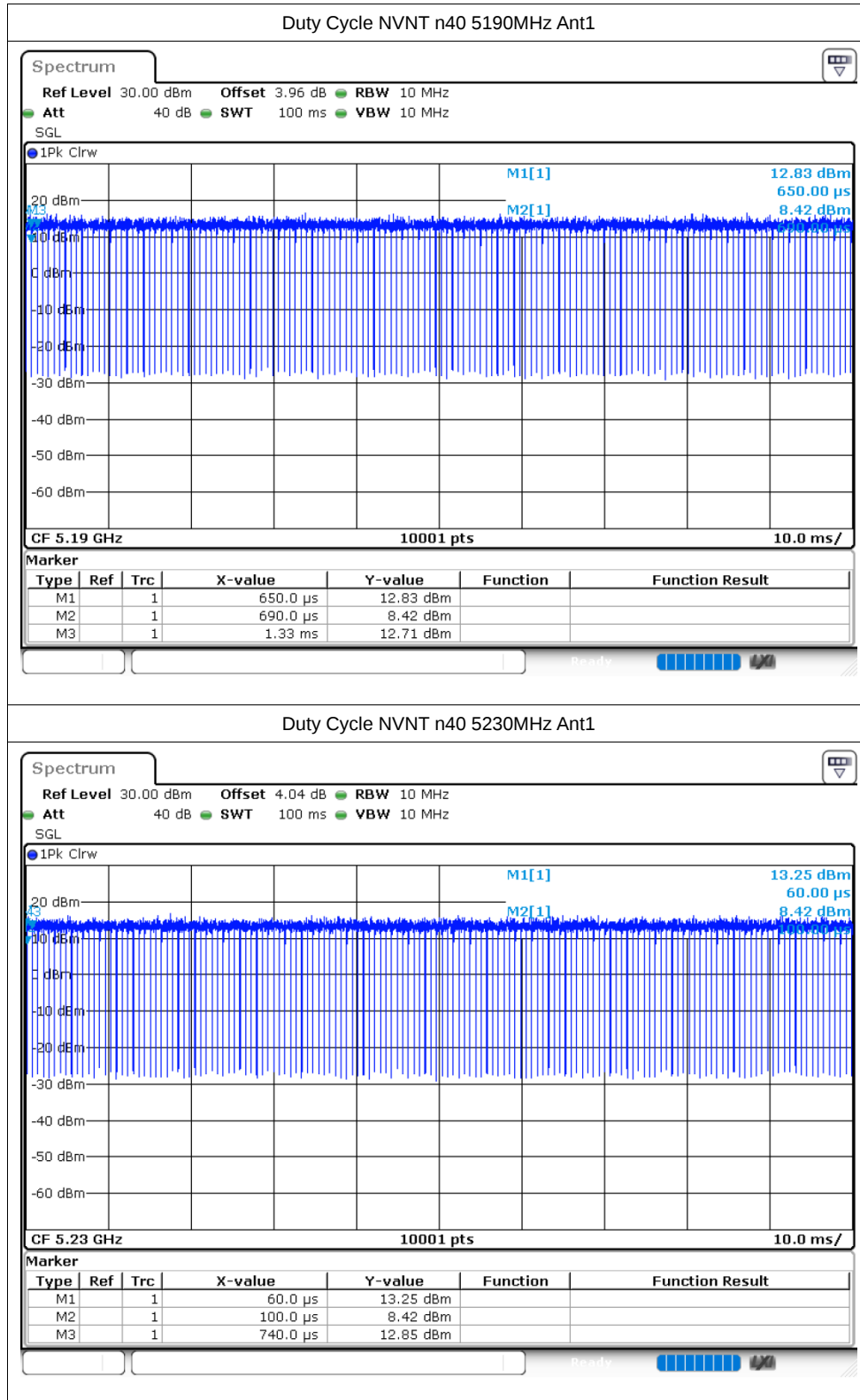


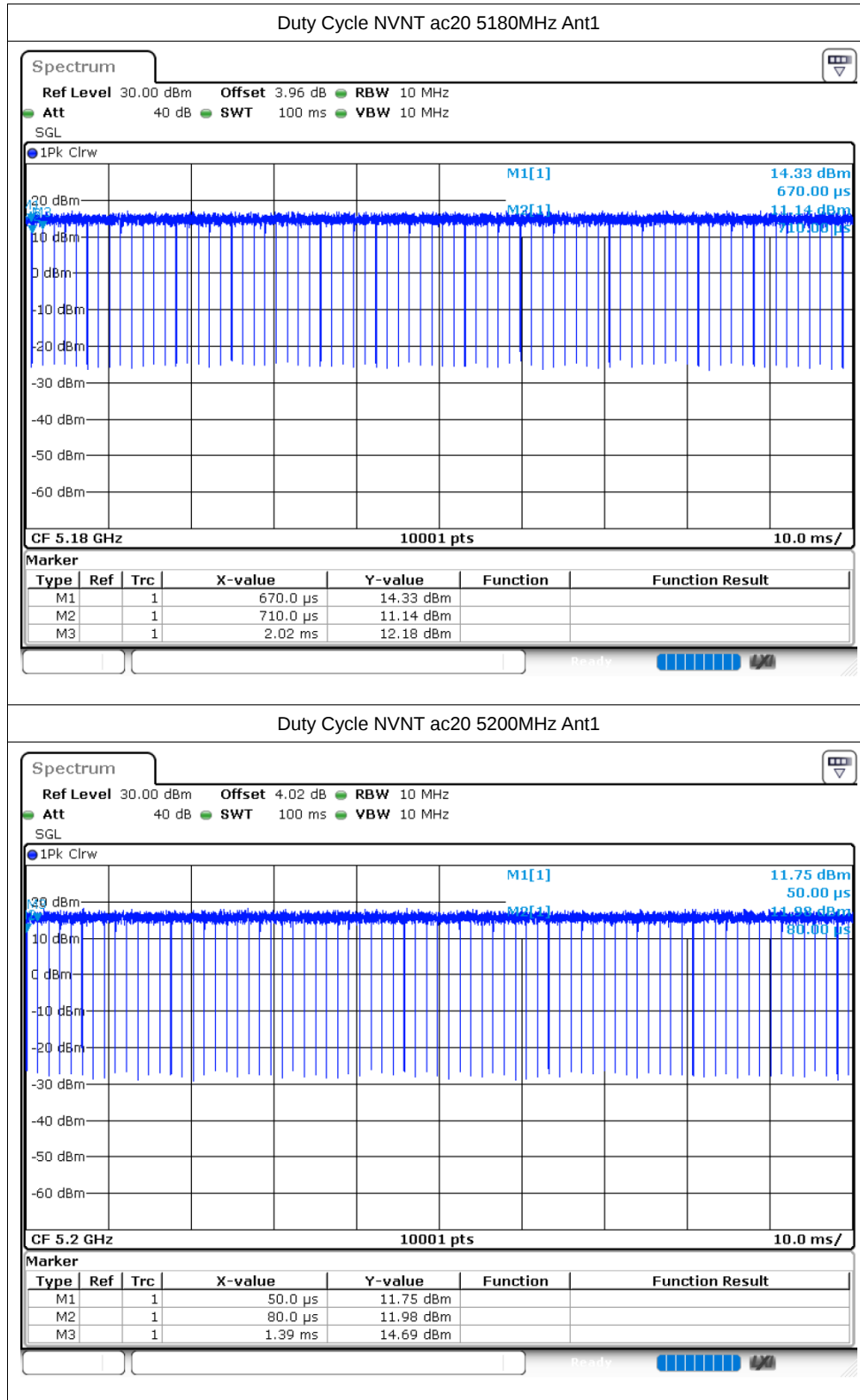
Duty Cycle NVNT a 5200MHz Ant1

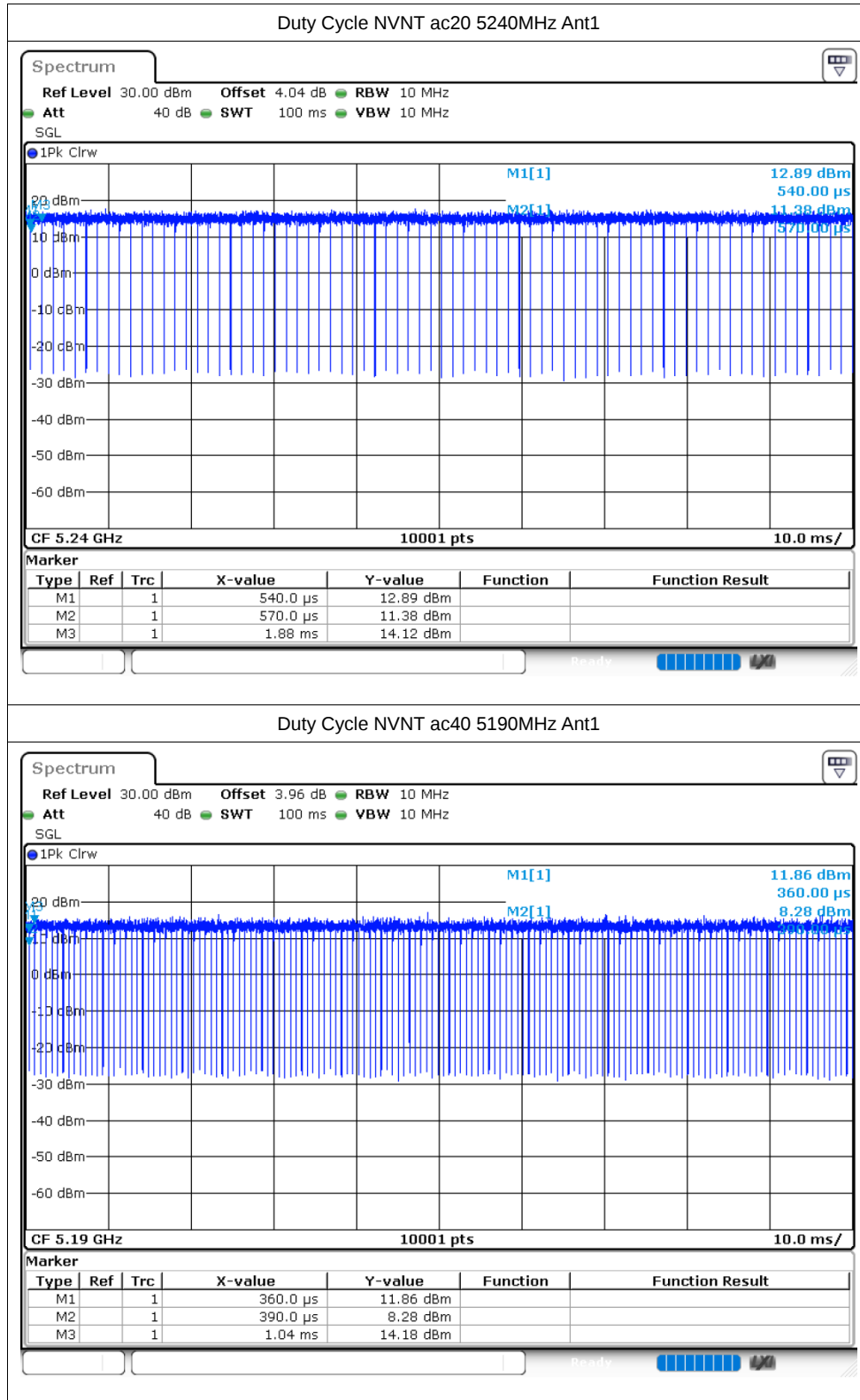


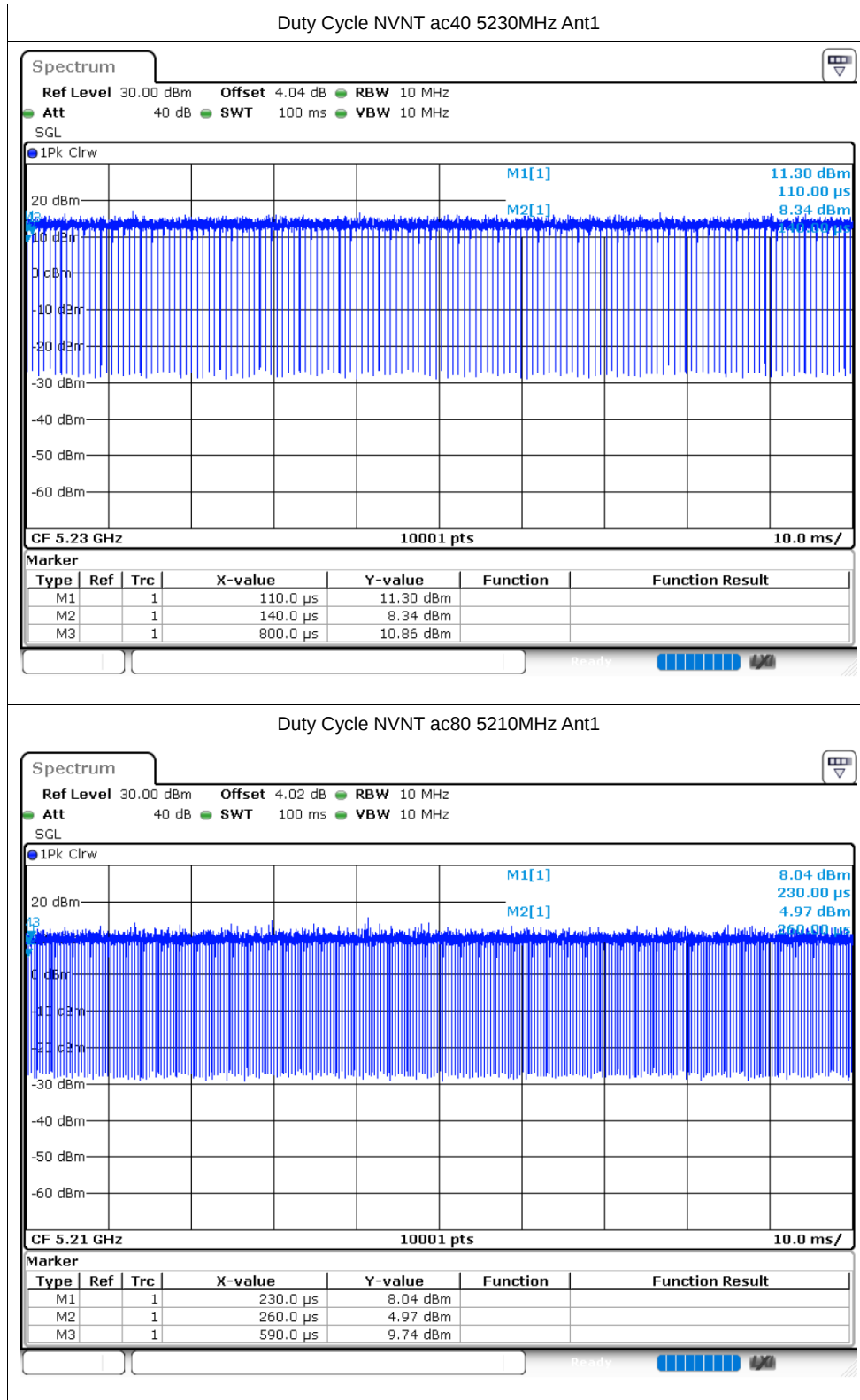












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	10.43	24	Pass
NVNT	a	5200	Ant1	10.54	24	Pass
NVNT	a	5240	Ant1	10.81	24	Pass
NVNT	n20	5180	Ant1	10.2	24	Pass
NVNT	n20	5200	Ant1	10.27	24	Pass
NVNT	n20	5240	Ant1	10.5	24	Pass
NVNT	n40	5190	Ant1	10.29	24	Pass
NVNT	n40	5230	Ant1	10.56	24	Pass
NVNT	ac20	5180	Ant1	10.29	24	Pass
NVNT	ac20	5200	Ant1	10.28	24	Pass
NVNT	ac20	5240	Ant1	10.51	24	Pass
NVNT	ac40	5190	Ant1	10.43	24	Pass
NVNT	ac40	5230	Ant1	10.49	24	Pass
NVNT	ac80	5210	Ant1	10.47	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.764	Pass
NVNT	a	5200	Ant1	19.599	Pass
NVNT	a	5240	Ant1	19.557	Pass
NVNT	n20	5180	Ant1	20.028	Pass
NVNT	n20	5200	Ant1	19.782	Pass
NVNT	n20	5240	Ant1	20.391	Pass
NVNT	n40	5190	Ant1	42.282	Pass
NVNT	n40	5230	Ant1	49.152	Pass
NVNT	ac20	5180	Ant1	20.418	Pass
NVNT	ac20	5200	Ant1	20.28	Pass
NVNT	ac20	5240	Ant1	20.118	Pass
NVNT	ac40	5190	Ant1	40.554	Pass
NVNT	ac40	5230	Ant1	45.876	Pass
NVNT	ac80	5210	Ant1	80.628	Pass

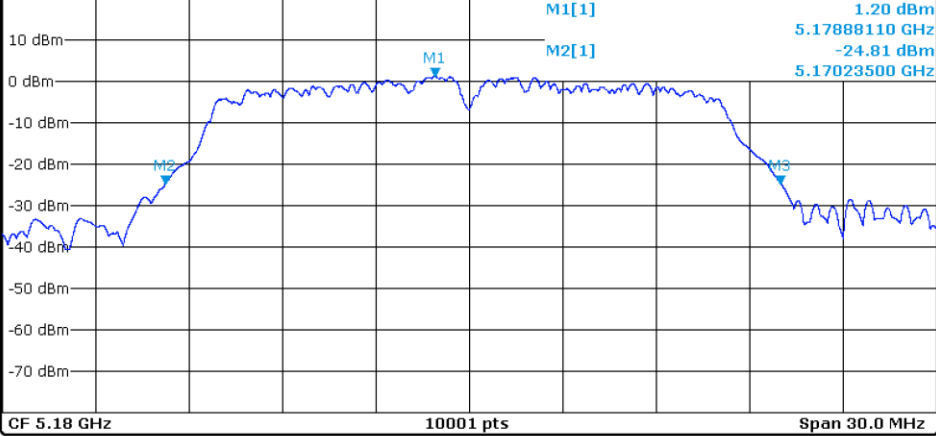
Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 3.96 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max

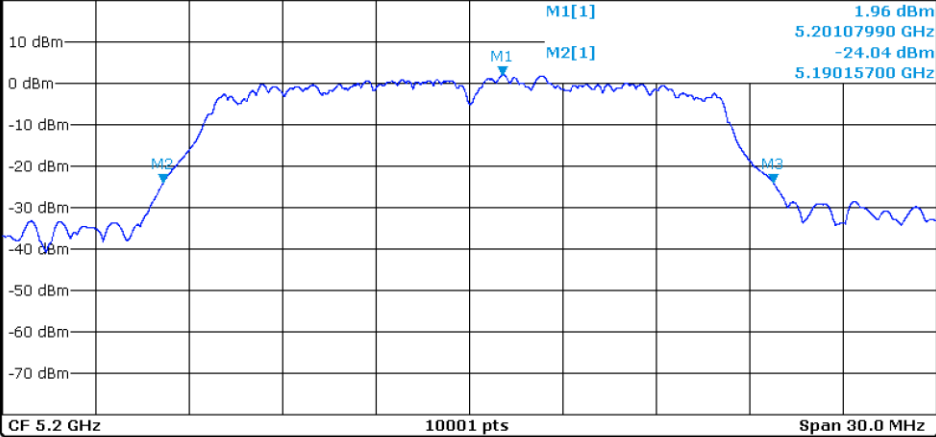


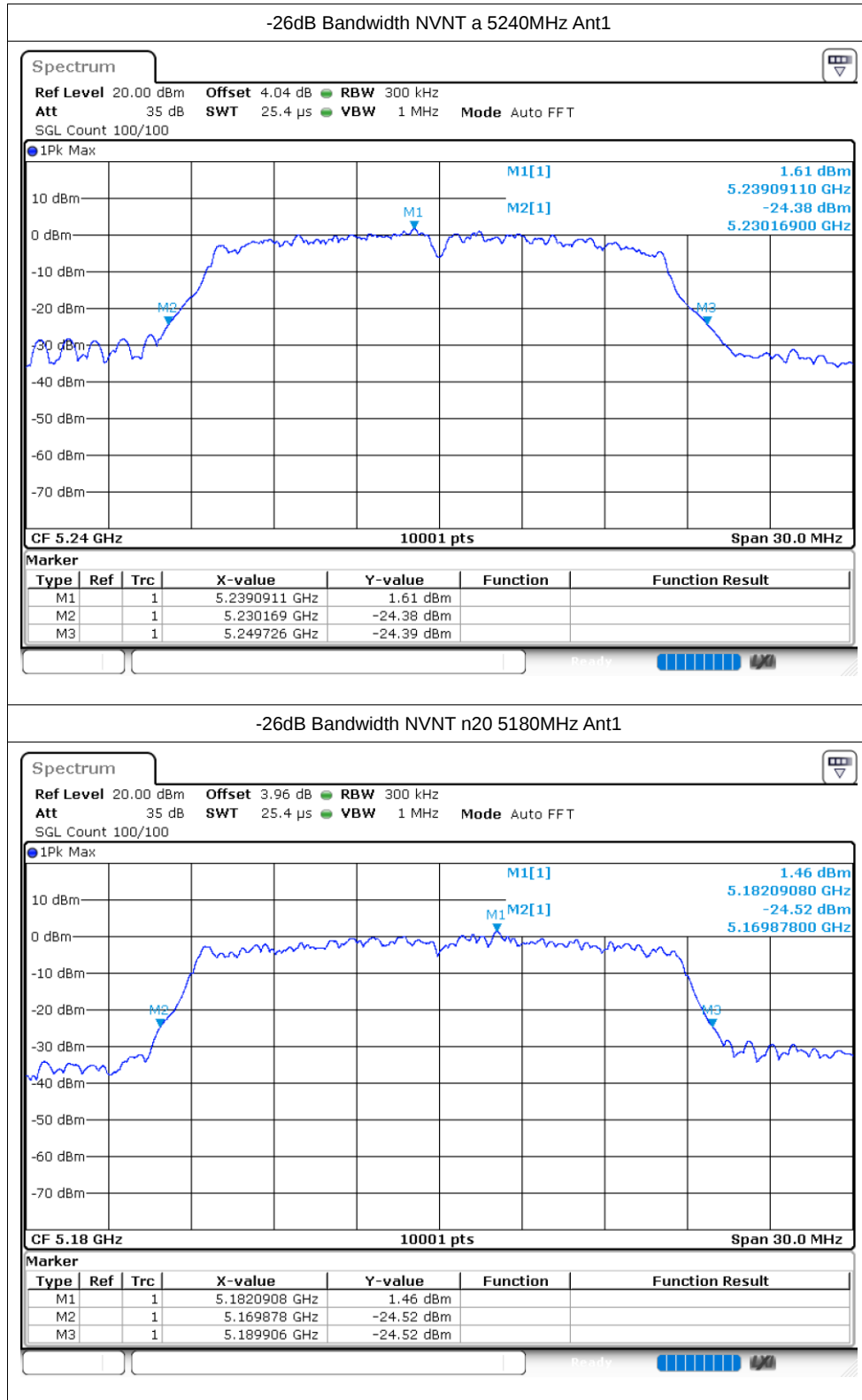
-26dB Bandwidth NVNT a 5200MHz Ant1

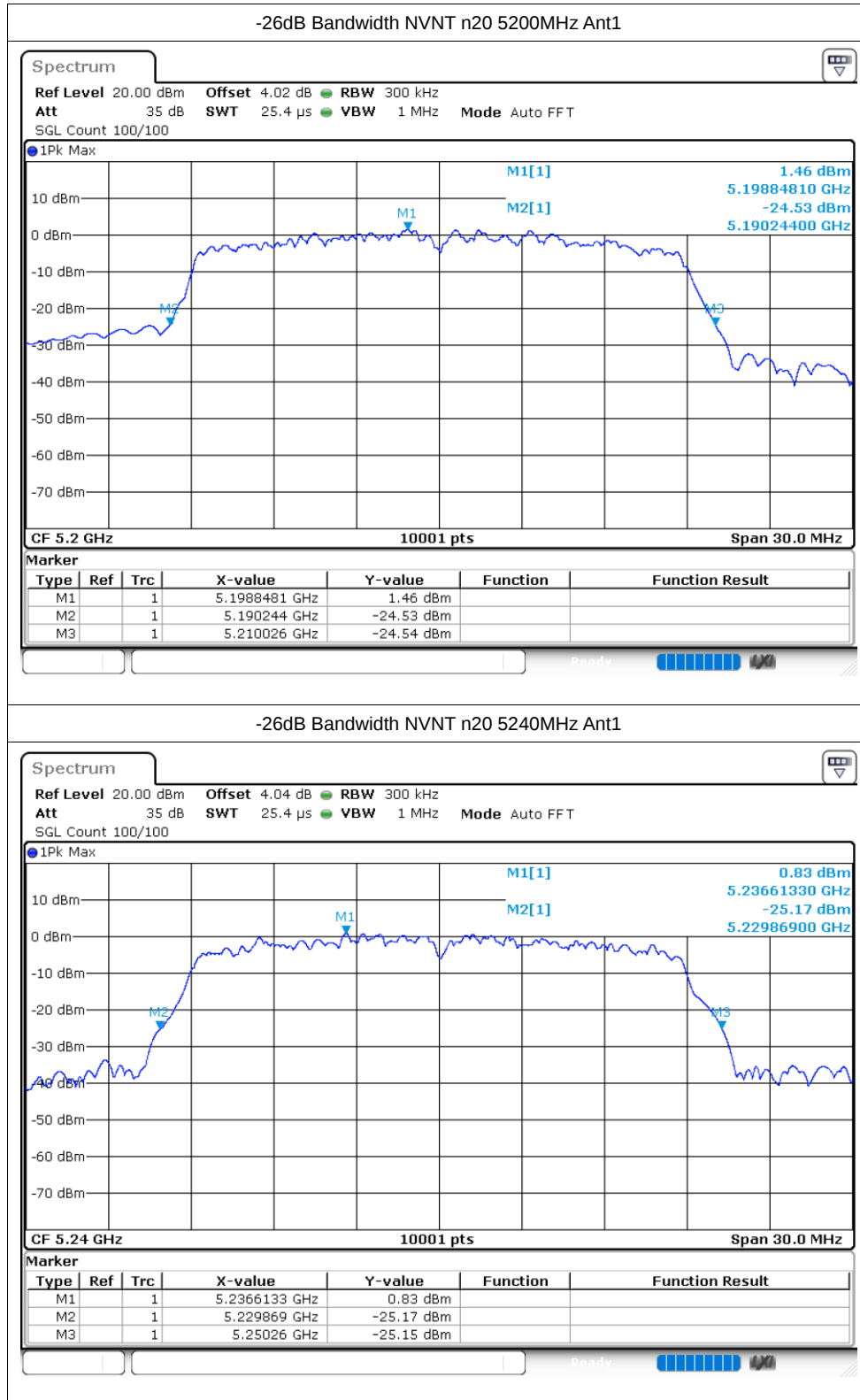
Spectrum

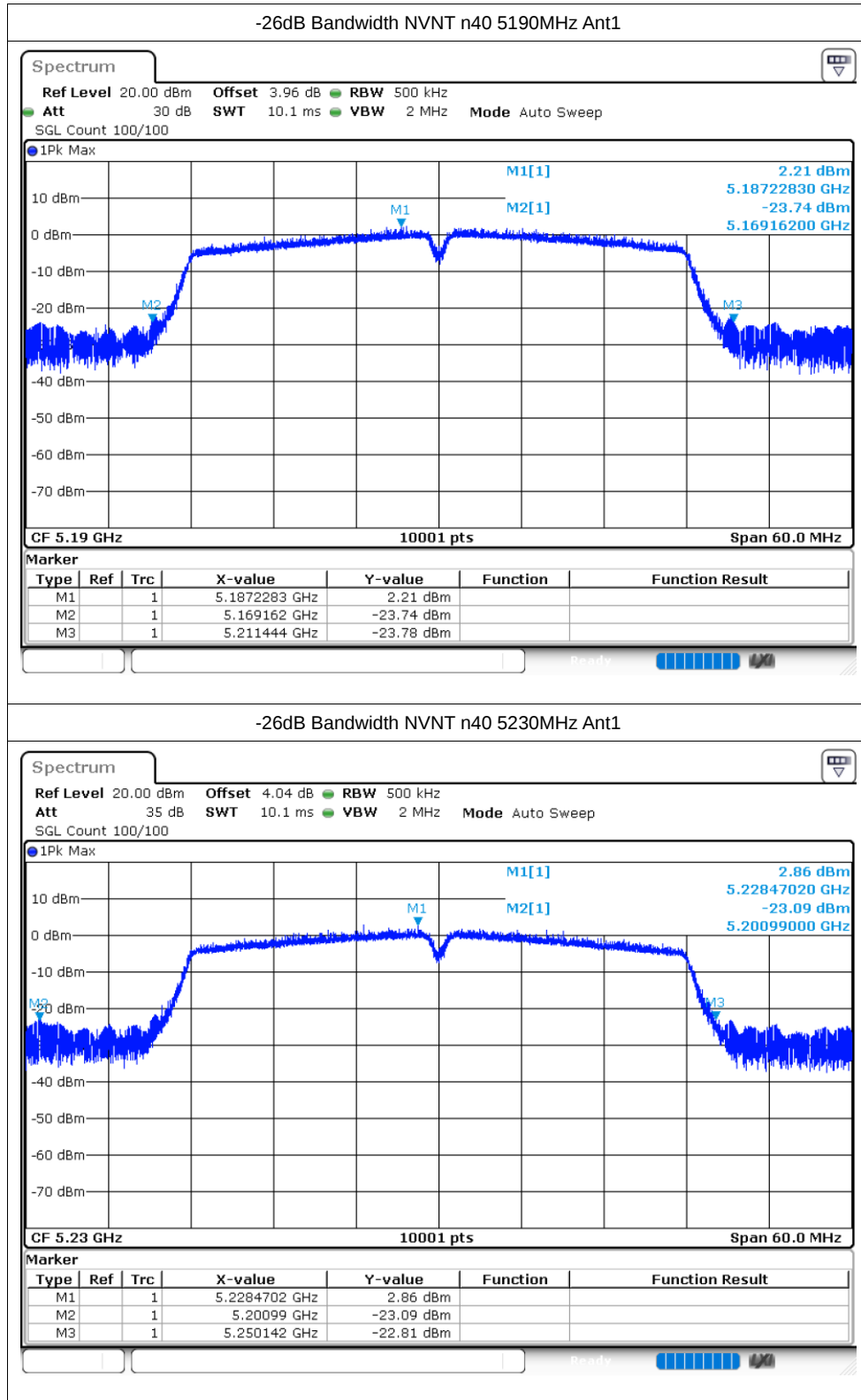
Ref Level 20.00 dBm Offset 4.02 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

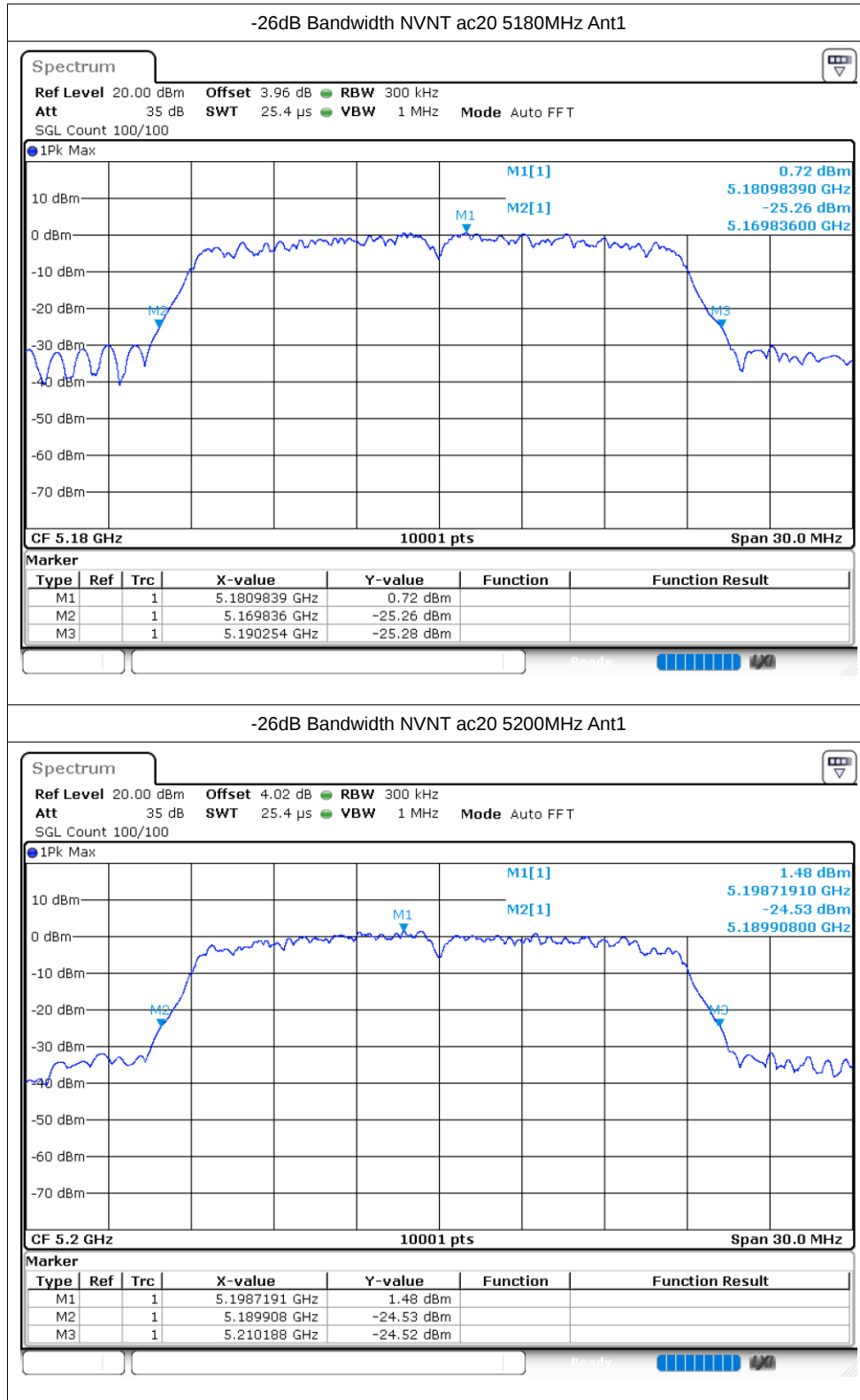
1Pk Max

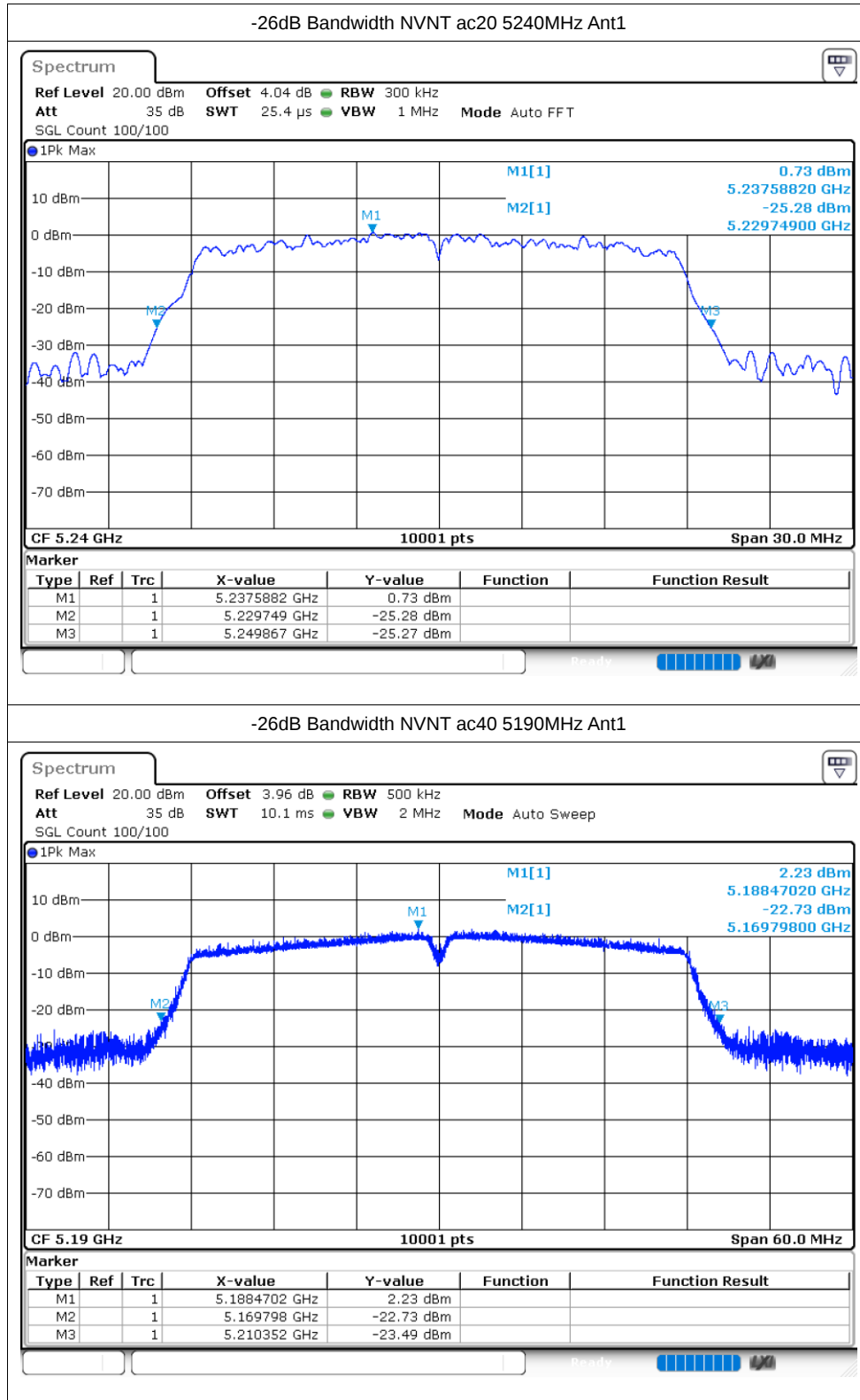


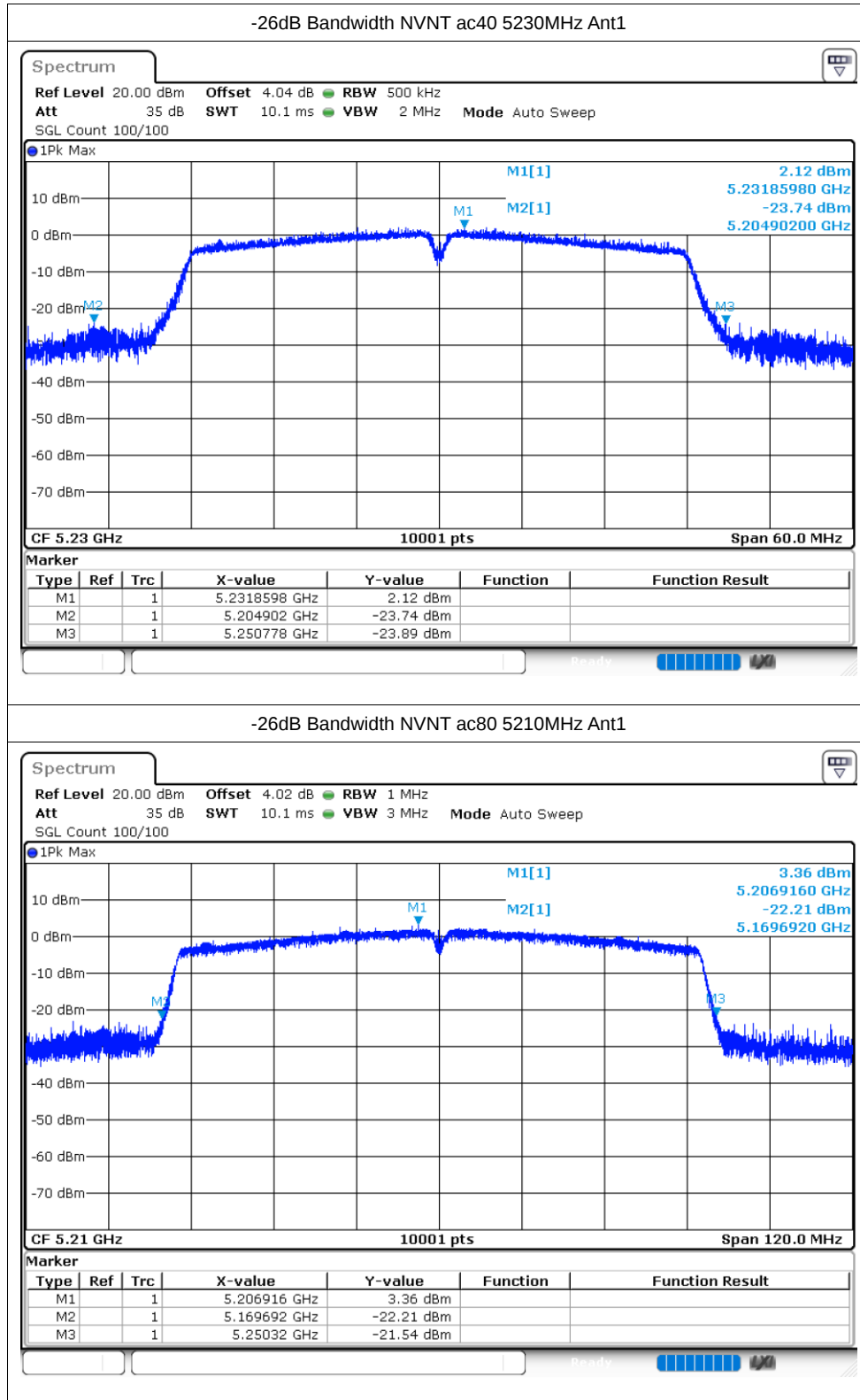










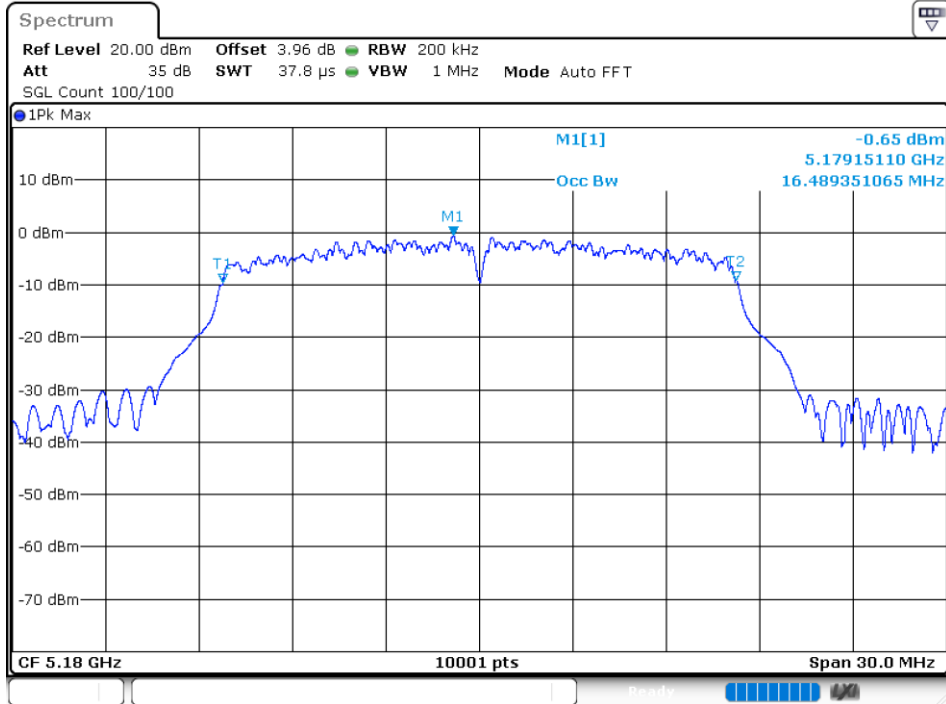


Occupied Channel Bandwidth

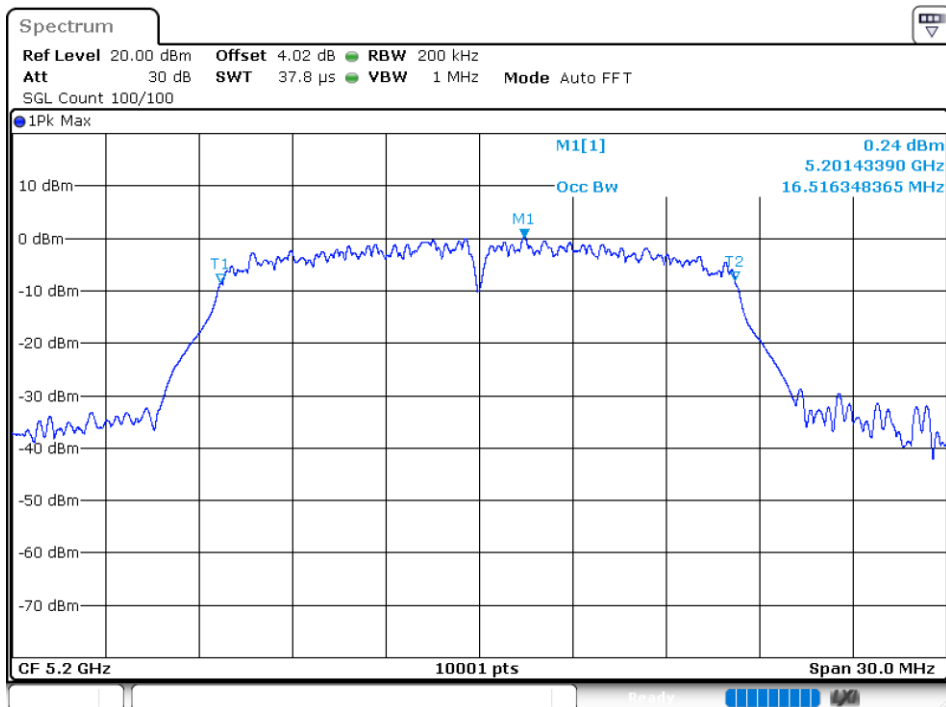
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.489
NVNT	a	5200	Ant1	16.516
NVNT	a	5240	Ant1	16.429
NVNT	n20	5180	Ant1	17.515
NVNT	n20	5200	Ant1	17.569
NVNT	n20	5240	Ant1	17.539
NVNT	n40	5190	Ant1	36.05
NVNT	n40	5230	Ant1	36.05
NVNT	ac20	5180	Ant1	17.521
NVNT	ac20	5200	Ant1	17.521
NVNT	ac20	5240	Ant1	17.629
NVNT	ac40	5190	Ant1	35.978
NVNT	ac40	5230	Ant1	36.02
NVNT	ac80	5210	Ant1	75.016

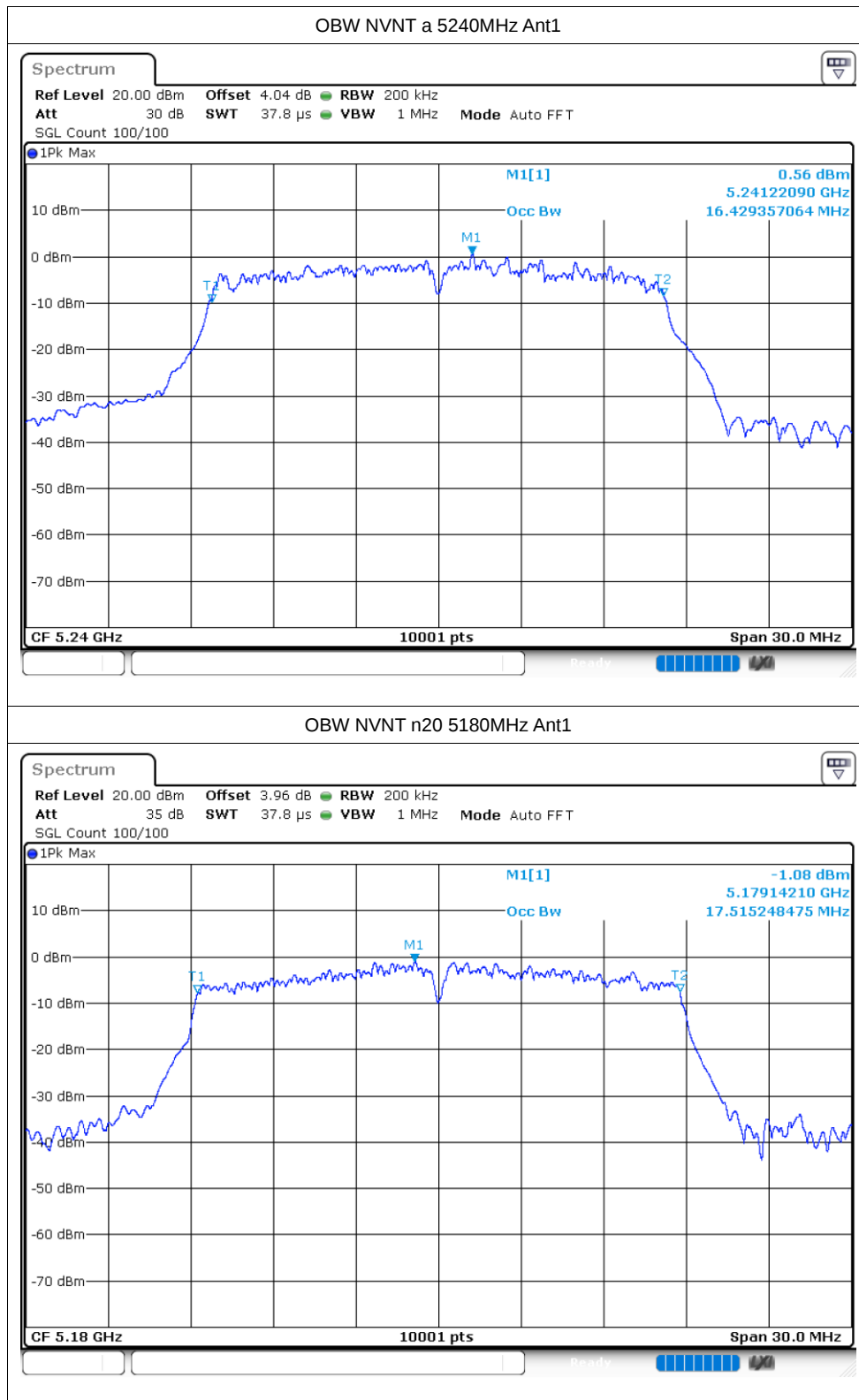
Test Graphs

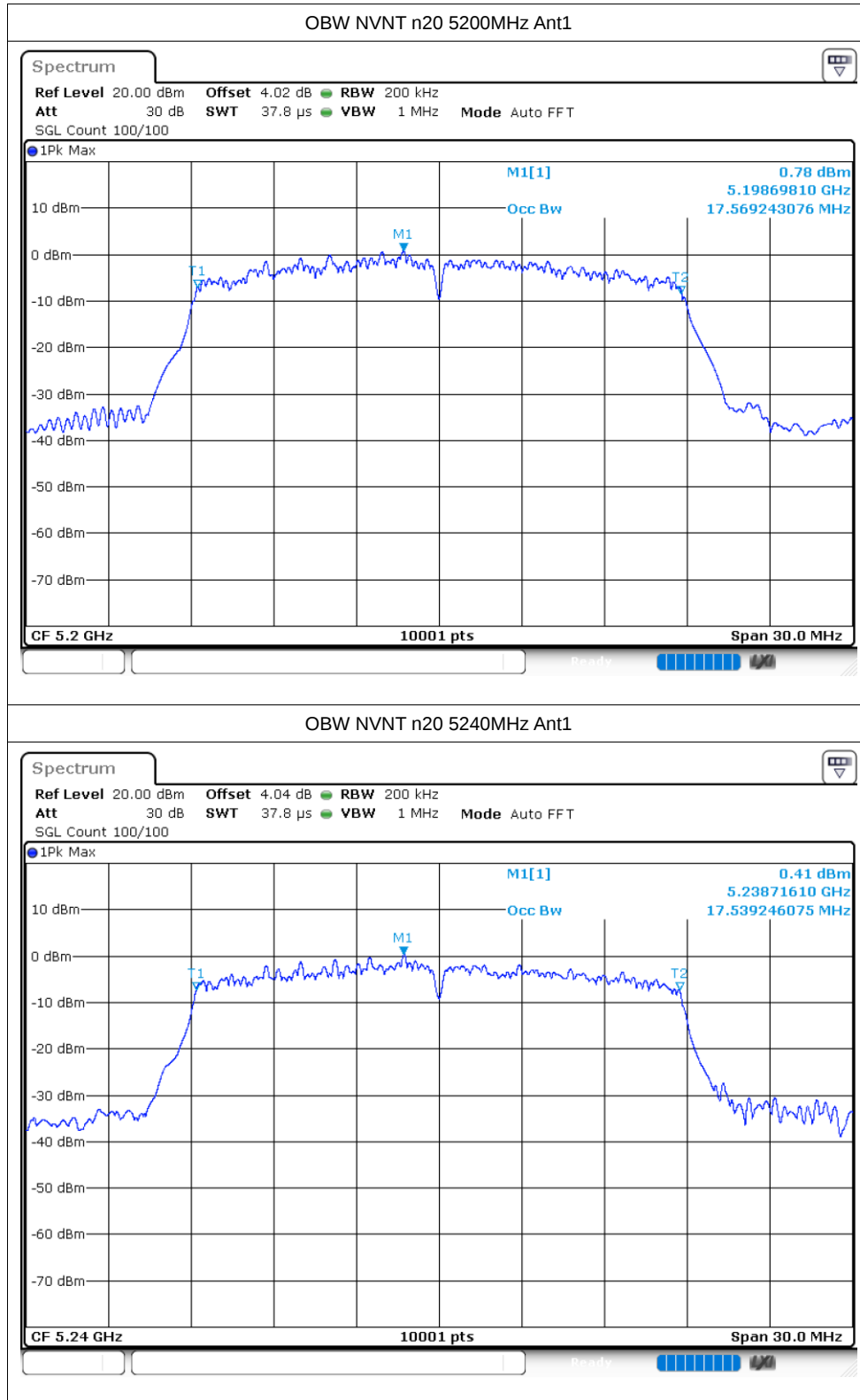
OBW NVNT a 5180MHz Ant1

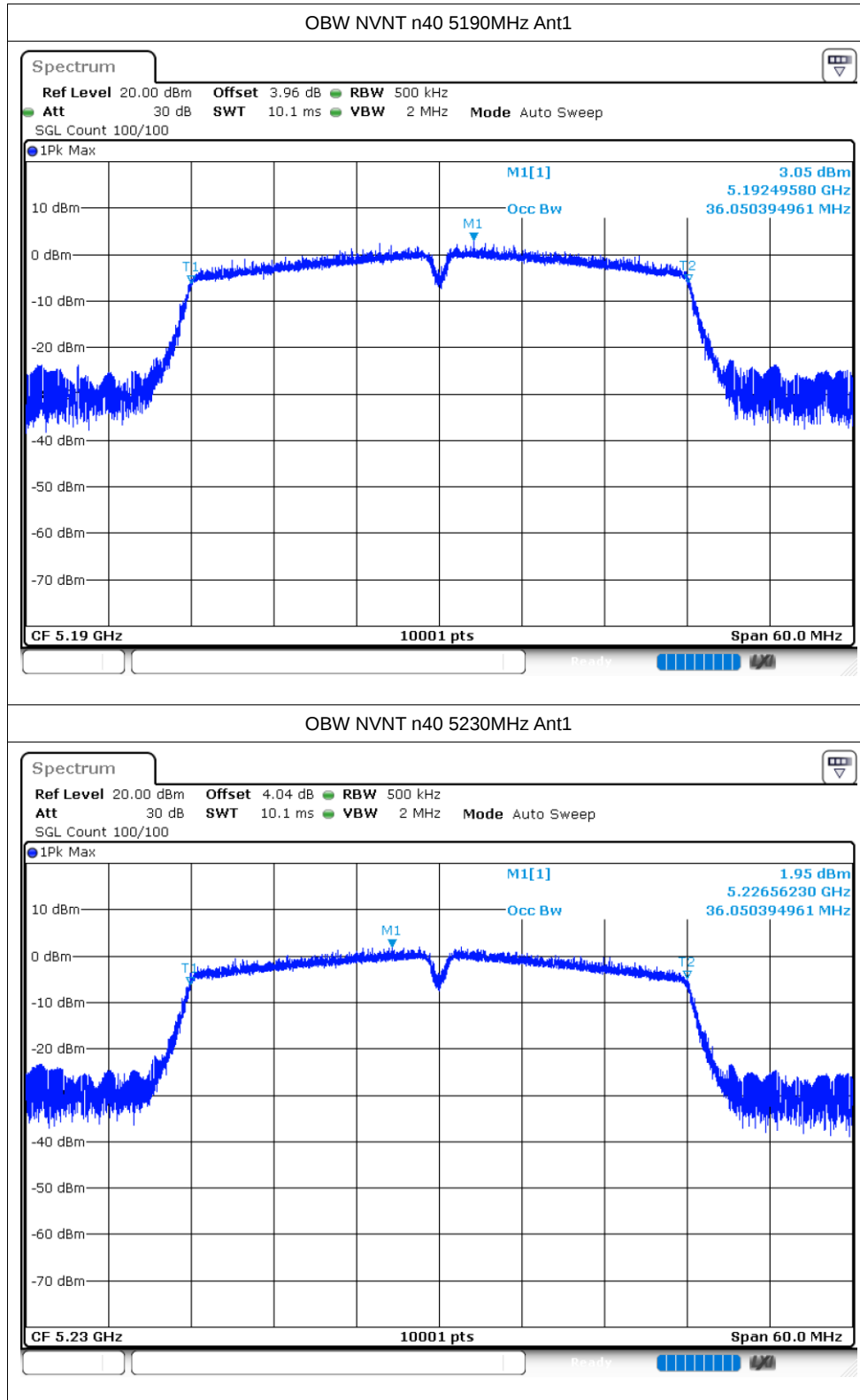


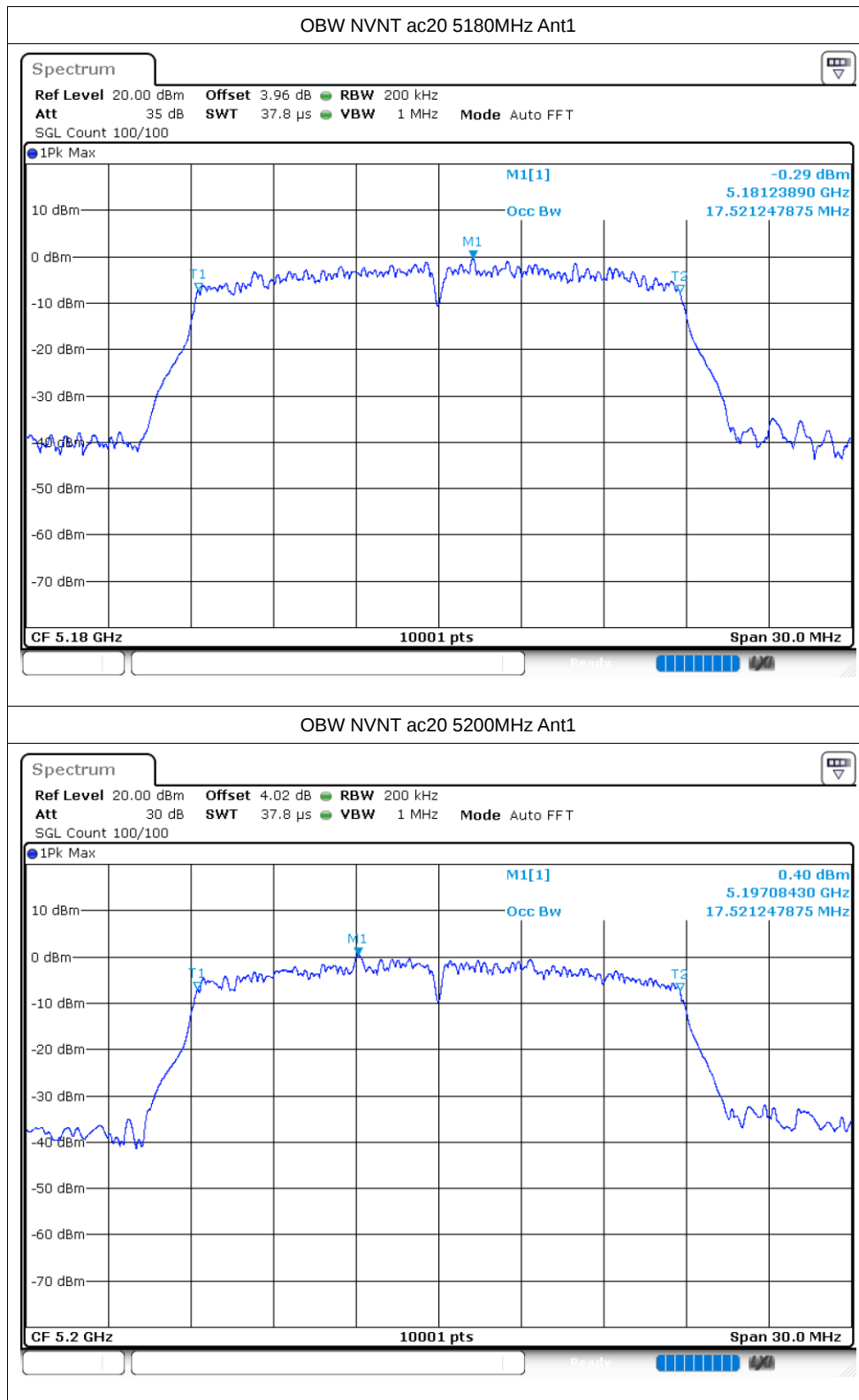
OBW NVNT a 5200MHz Ant1

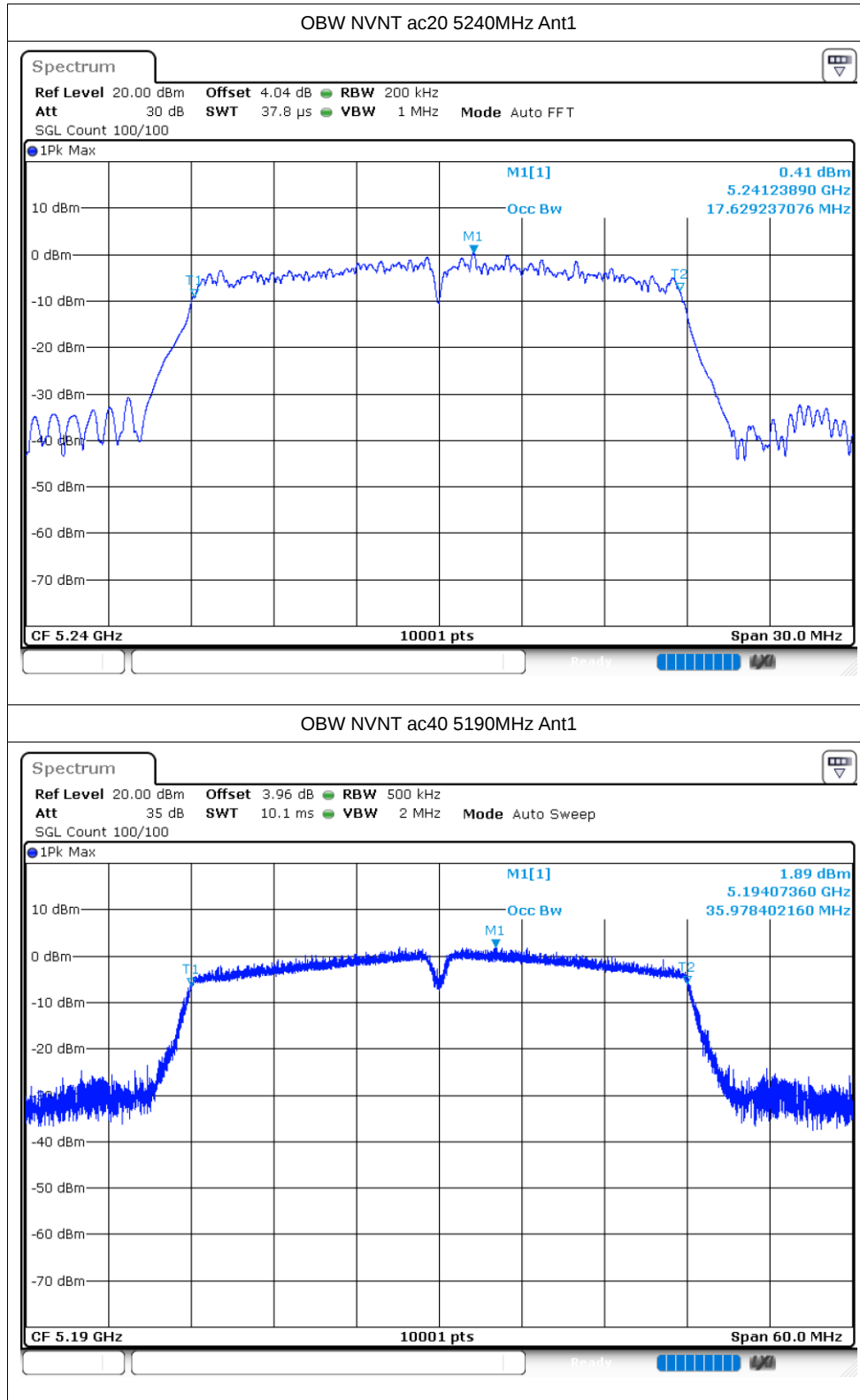


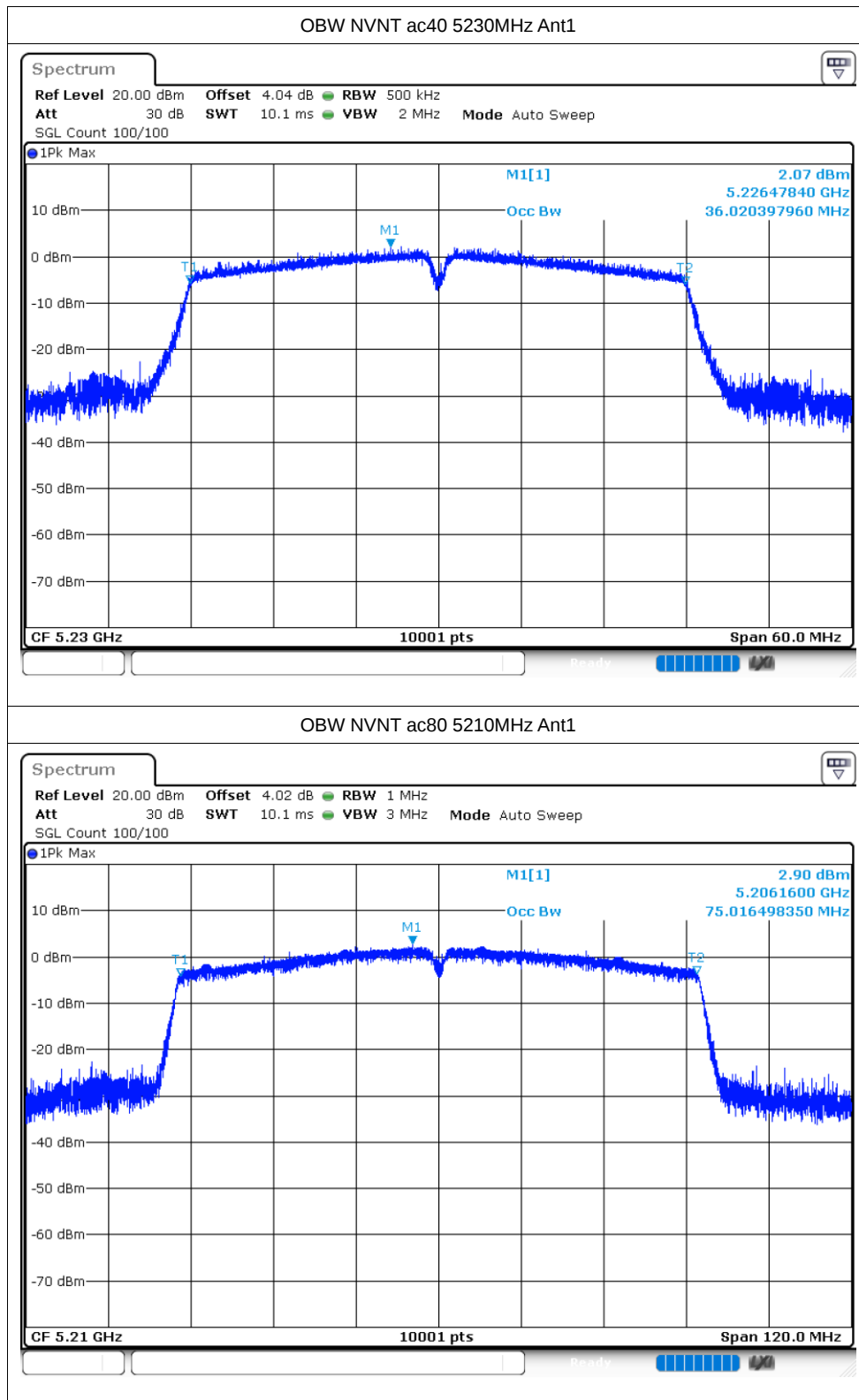










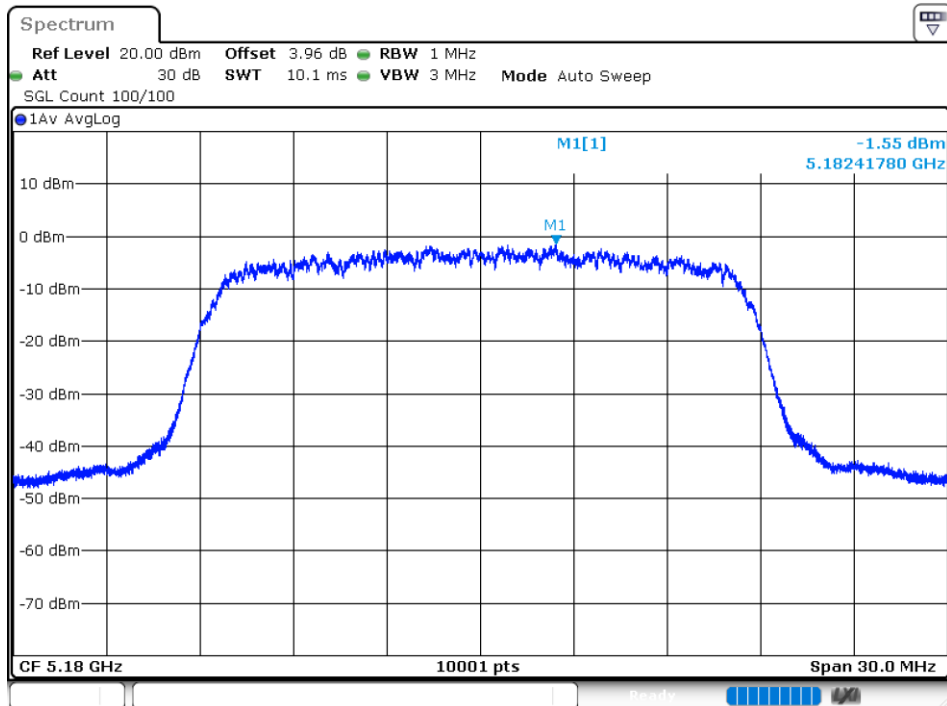


Maximum Power Spectral Density Level

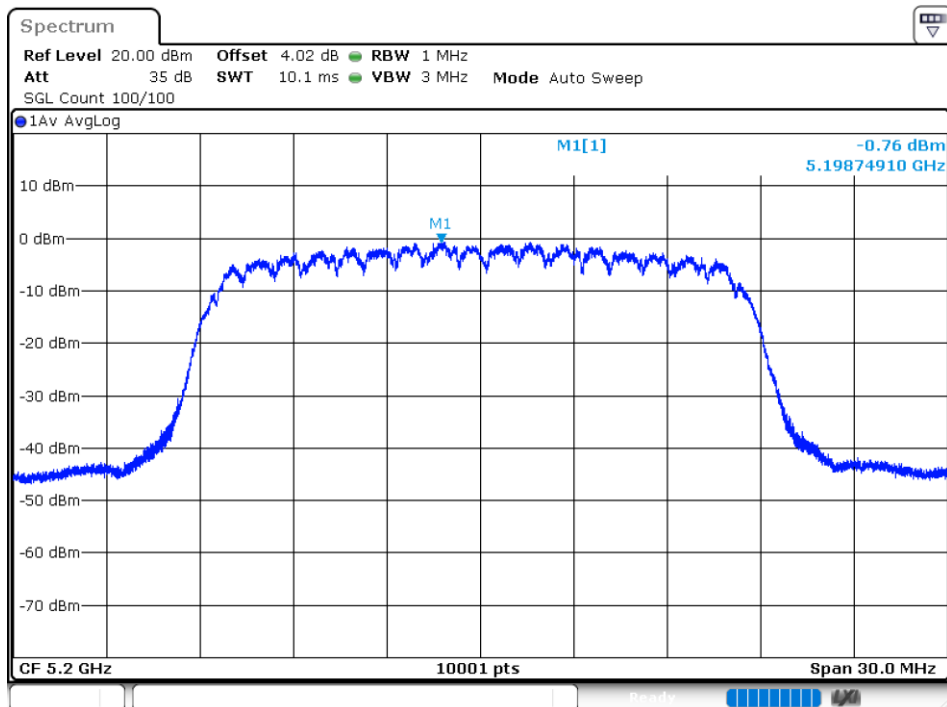
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-1.55	0.08	-1.47	11	Pass
NVNT	a	5200	Ant1	-0.76	0.08	-0.68	11	Pass
NVNT	a	5240	Ant1	-1.45	0.08	-1.37	11	Pass
NVNT	n20	5180	Ant1	-1.89	0.09	-1.8	11	Pass
NVNT	n20	5200	Ant1	-0.95	0.09	-0.86	11	Pass
NVNT	n20	5240	Ant1	-1.47	0.09	-1.38	11	Pass
NVNT	n40	5190	Ant1	-5.14	0.16	-4.98	11	Pass
NVNT	n40	5230	Ant1	-5.09	0.16	-4.93	11	Pass
NVNT	ac20	5180	Ant1	-1.87	0.08	-1.79	11	Pass
NVNT	ac20	5200	Ant1	-1.05	0.09	-0.96	11	Pass
NVNT	ac20	5240	Ant1	-1.8	0.08	-1.72	11	Pass
NVNT	ac40	5190	Ant1	-4.37	0.16	-4.21	11	Pass
NVNT	ac40	5230	Ant1	-4.62	0.16	-4.46	11	Pass
NVNT	ac80	5210	Ant1	-8.85	0.31	-8.54	11	Pass

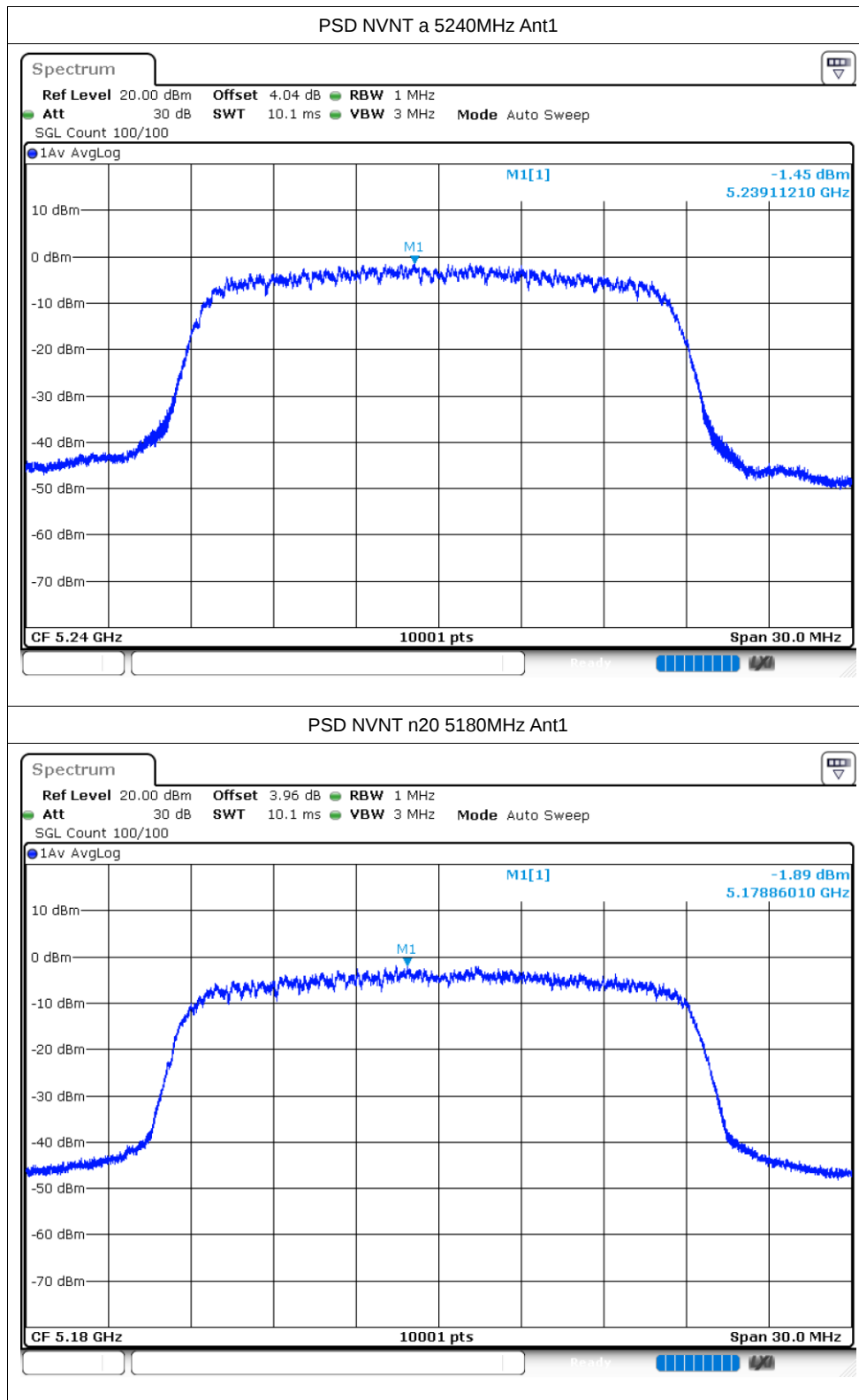
Test Graphs

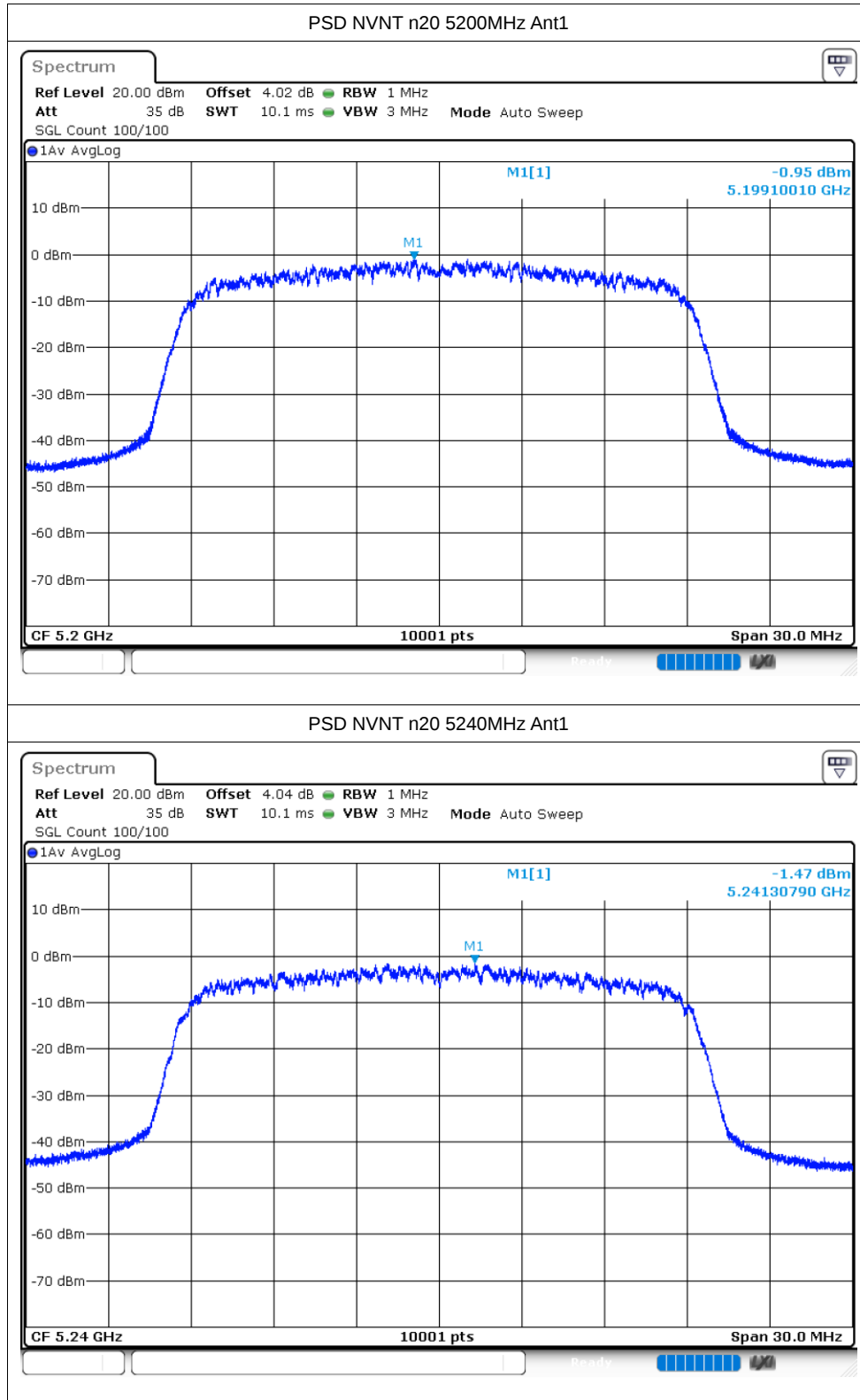
PSD NVNT a 5180MHz Ant1

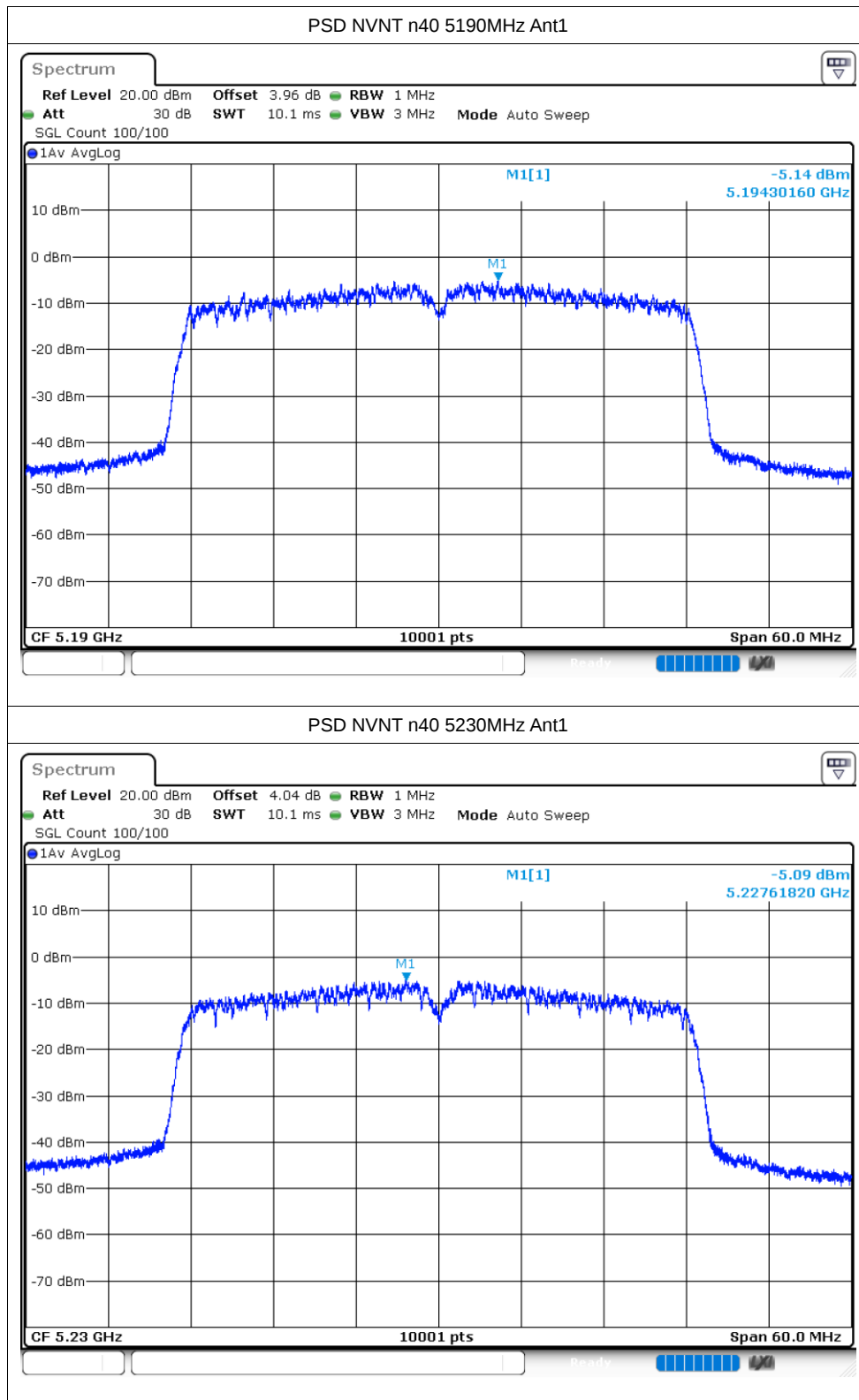


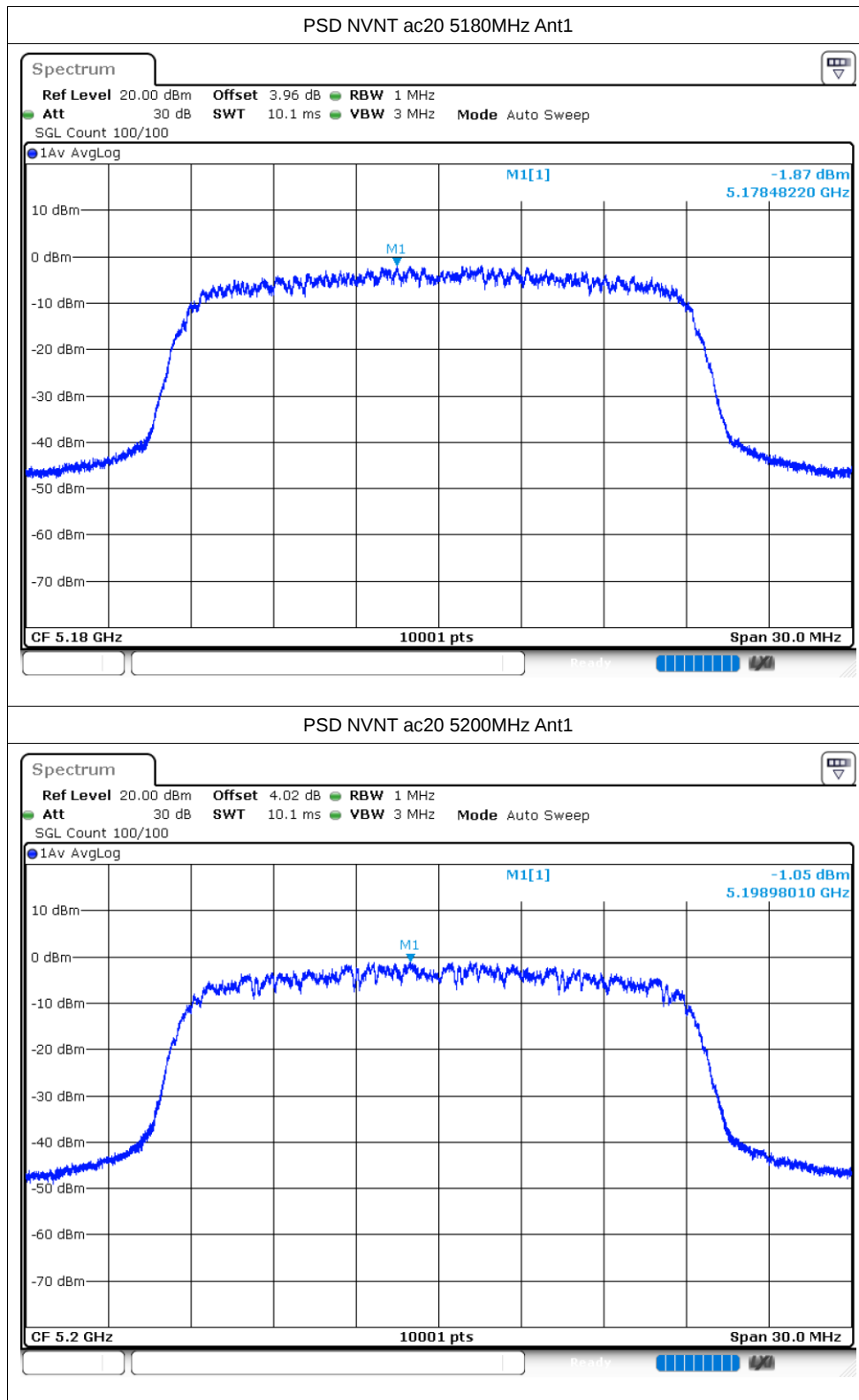
PSD NVNT a 5200MHz Ant1

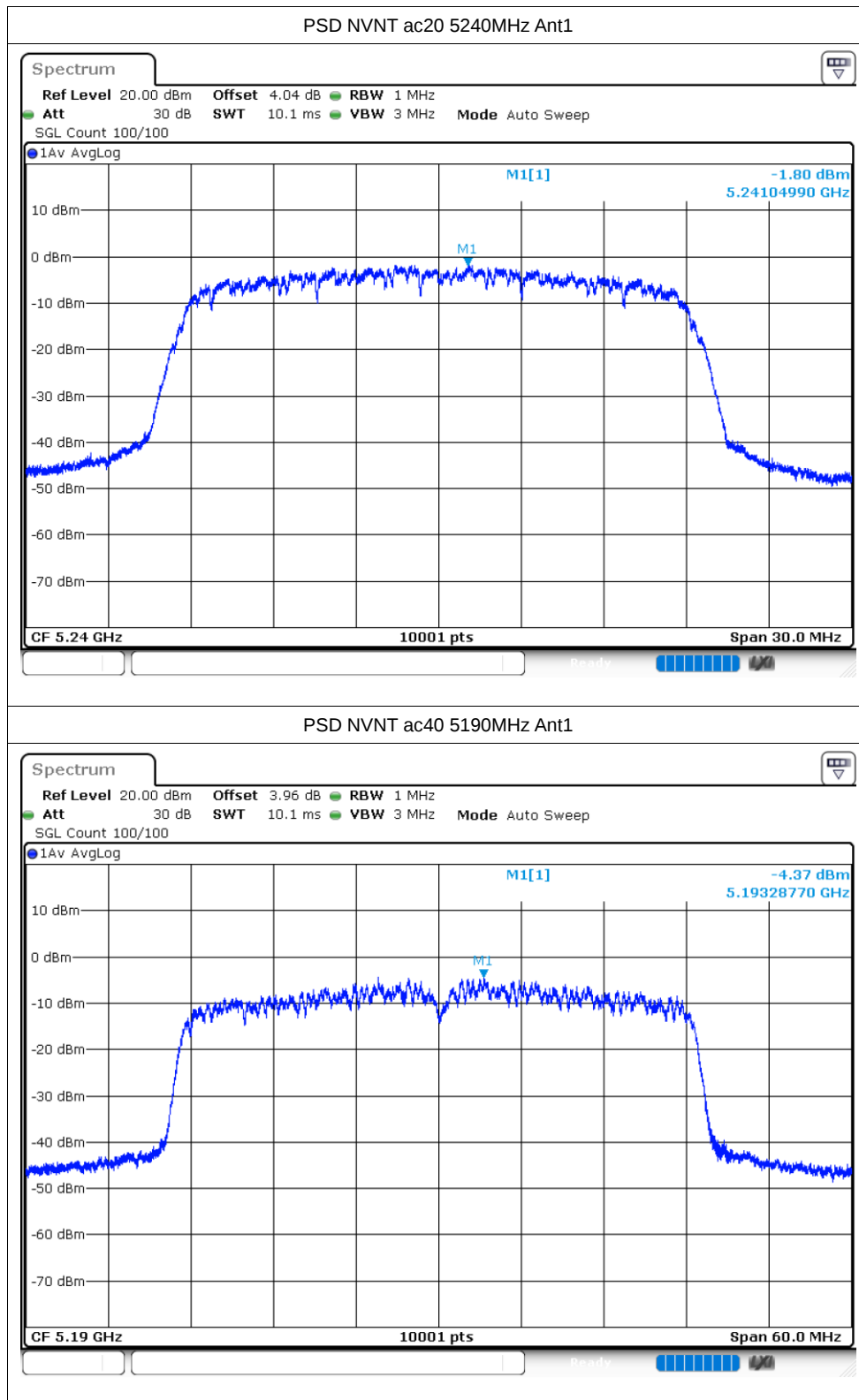


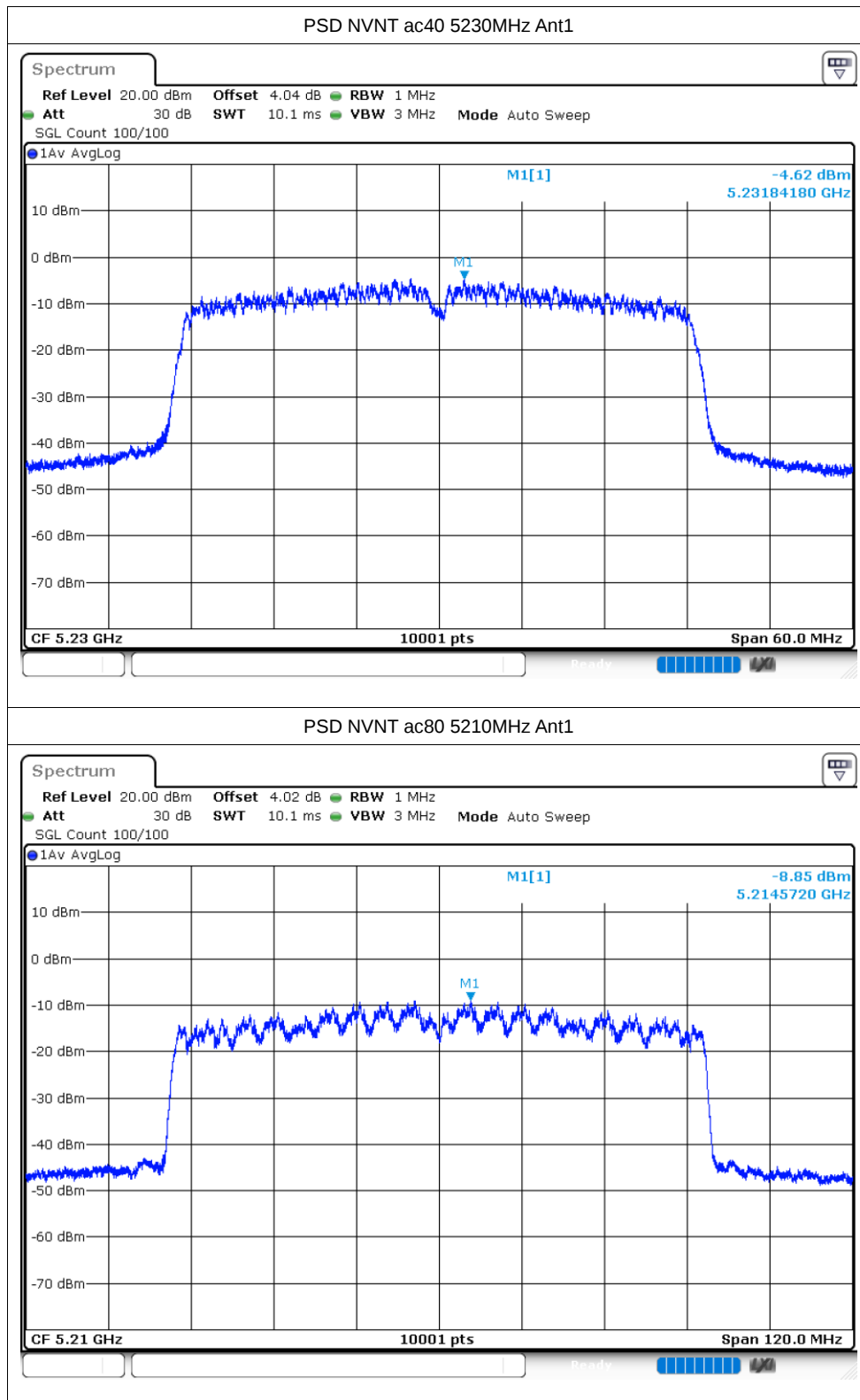










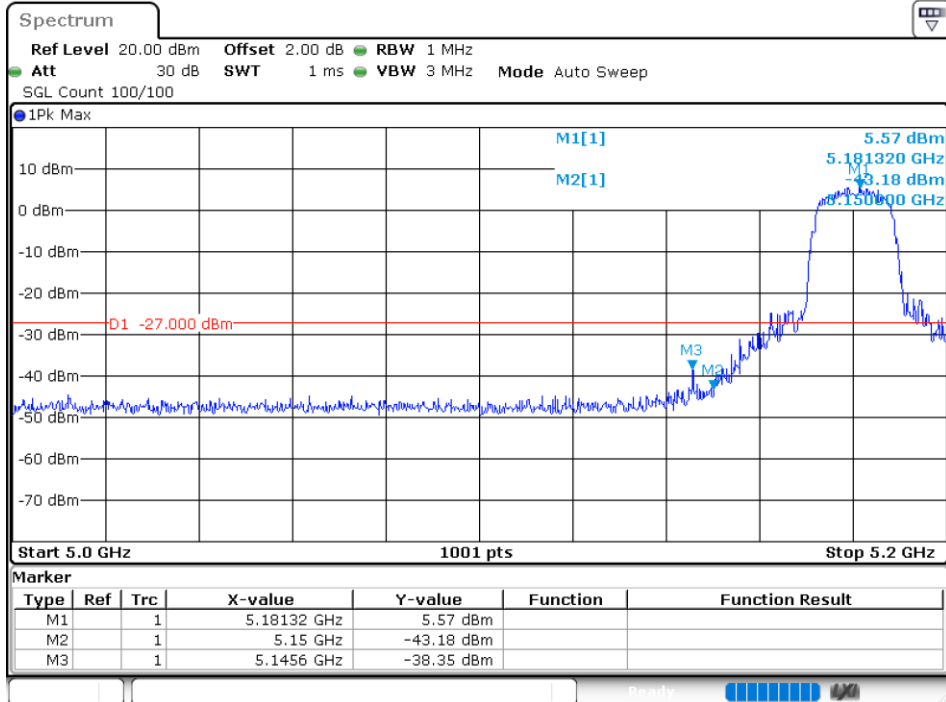


Band Edge

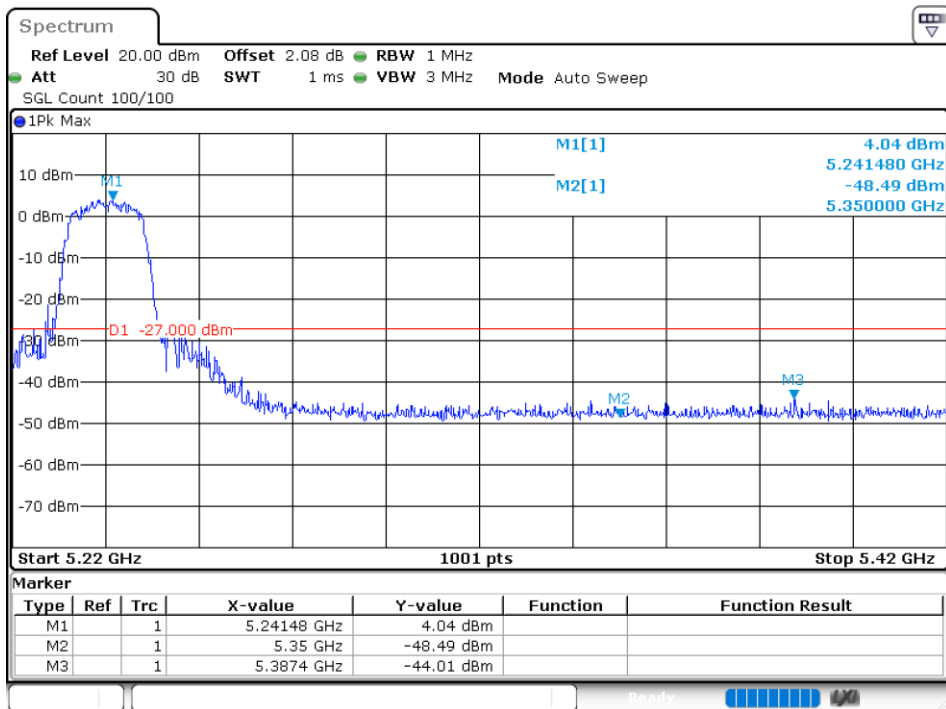
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-38.35	-27	Pass
NVNT	a	5240	Ant1	-44.01	-27	Pass
NVNT	n20	5180	Ant1	-39.34	-27	Pass
NVNT	n20	5240	Ant1	-39.43	-27	Pass
NVNT	n40	5190	Ant1	-33.24	-27	Pass
NVNT	n40	5230	Ant1	-38.7	-27	Pass
NVNT	ac20	5180	Ant1	-38.99	-27	Pass
NVNT	ac20	5240	Ant1	-39.19	-27	Pass
NVNT	ac40	5190	Ant1	-33.04	-27	Pass
NVNT	ac40	5230	Ant1	-39.1	-27	Pass
NVNT	ac80	5210	Ant1	-38.99	-27	Pass

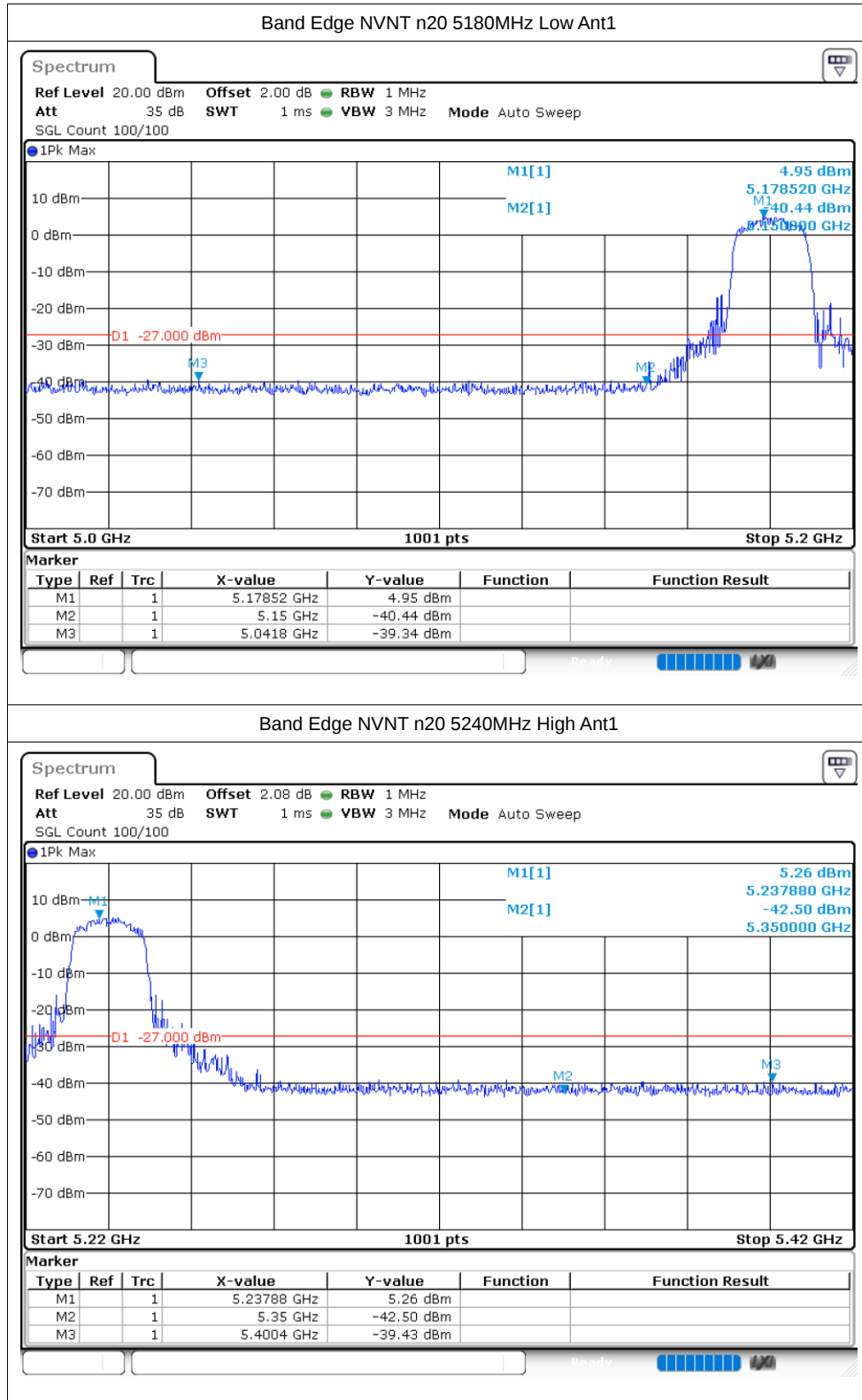
Test Graphs

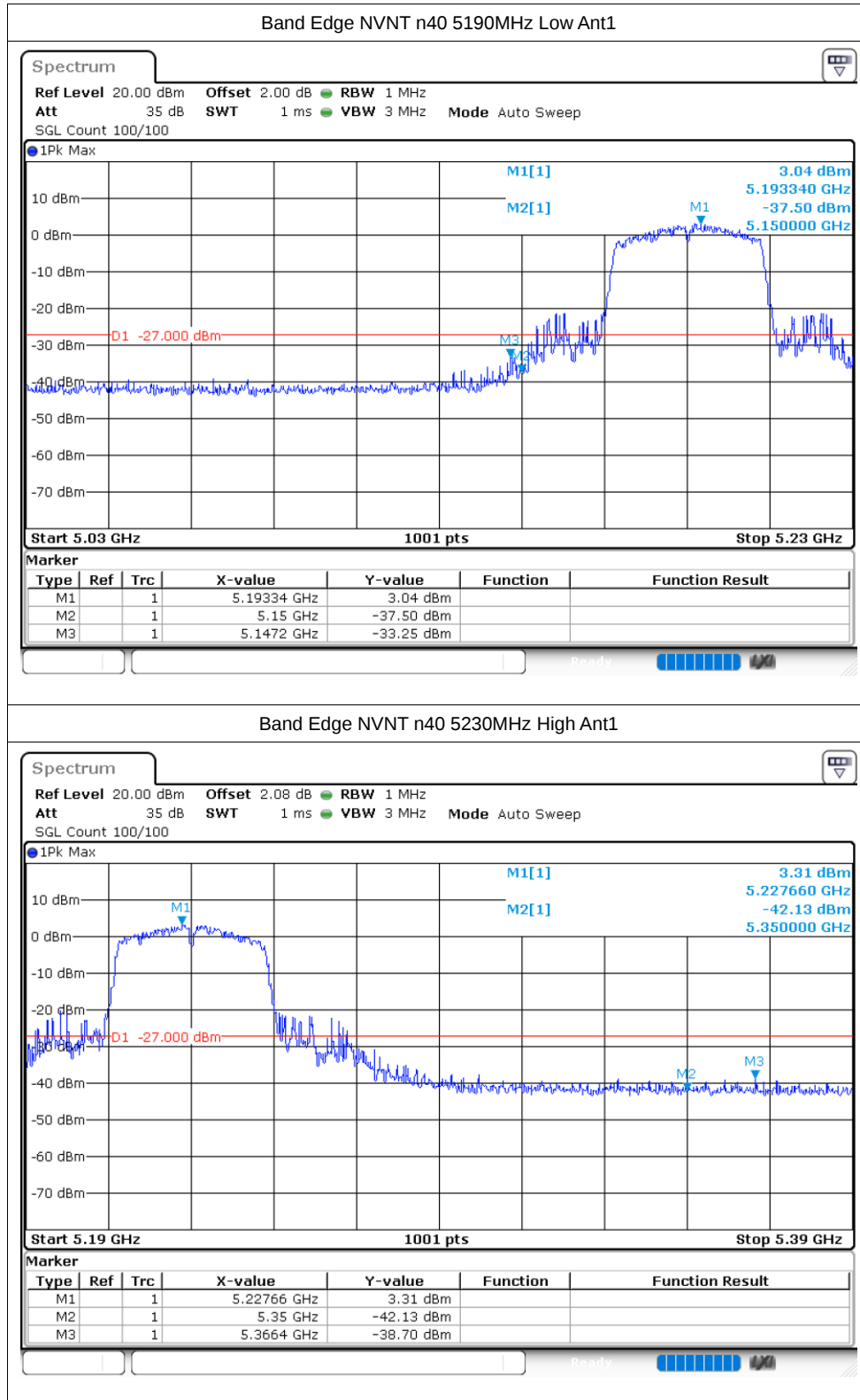
Band Edge NVNT a 5180MHz Low Ant1

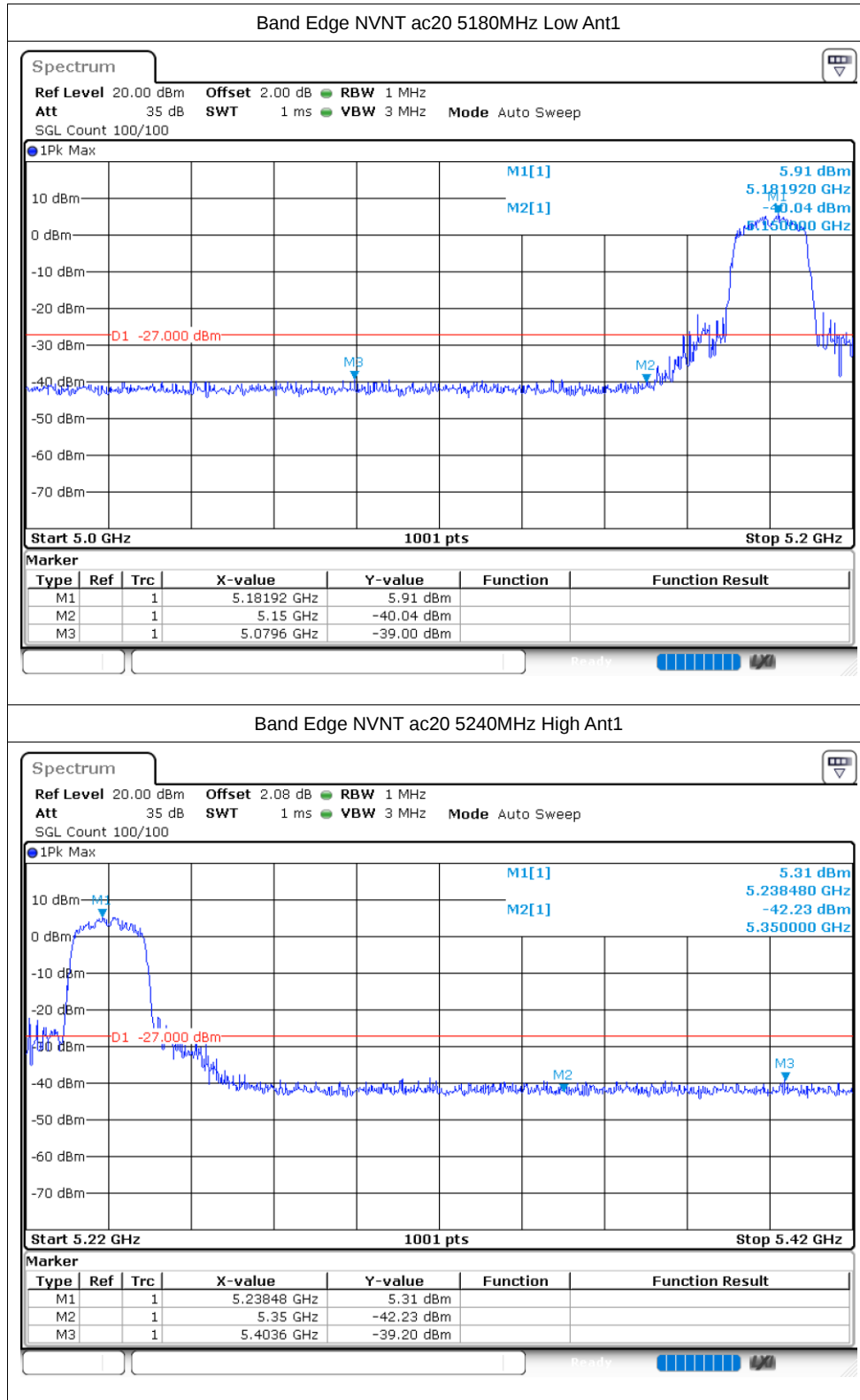


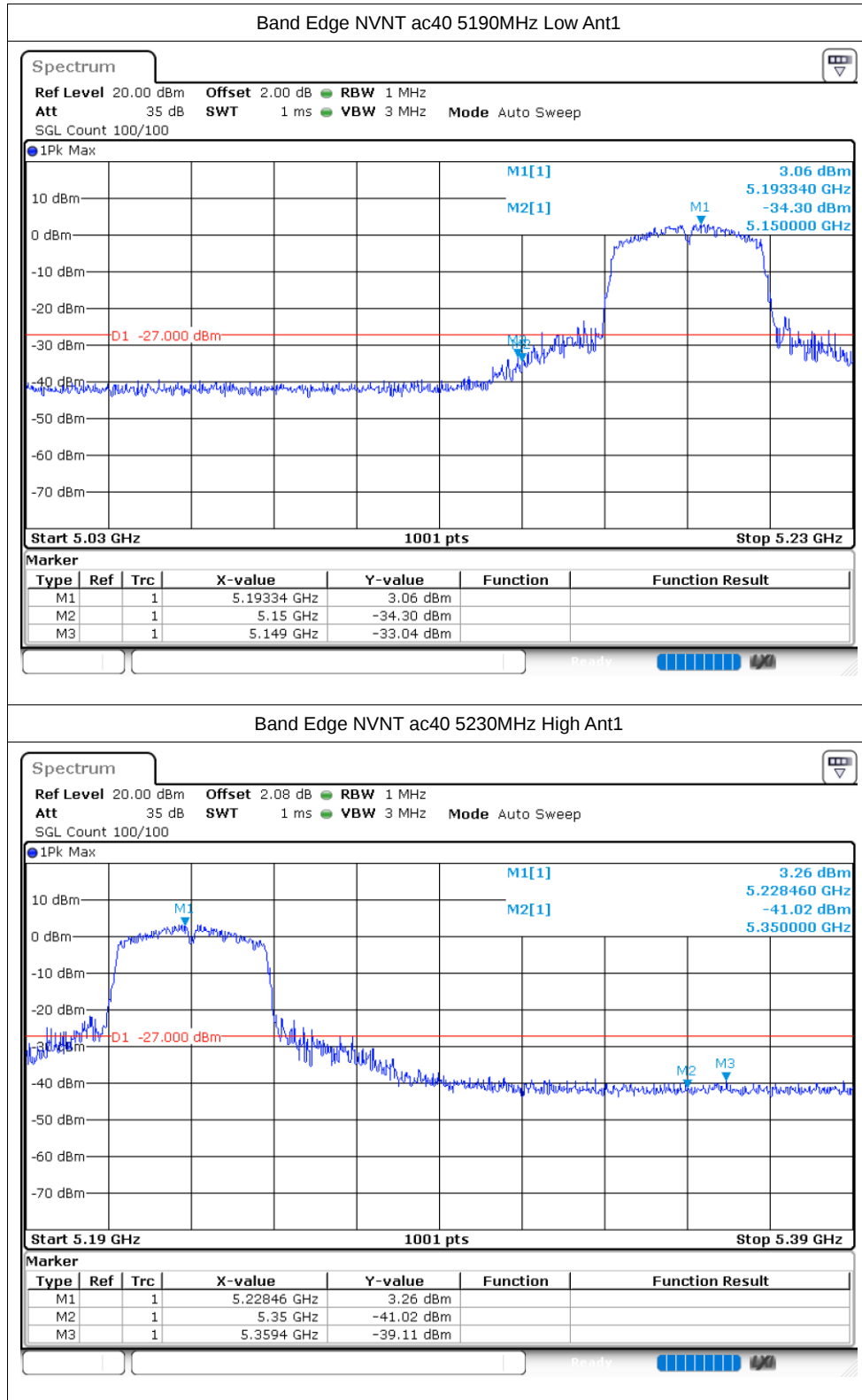
Band Edge NVNT a 5240MHz High Ant1

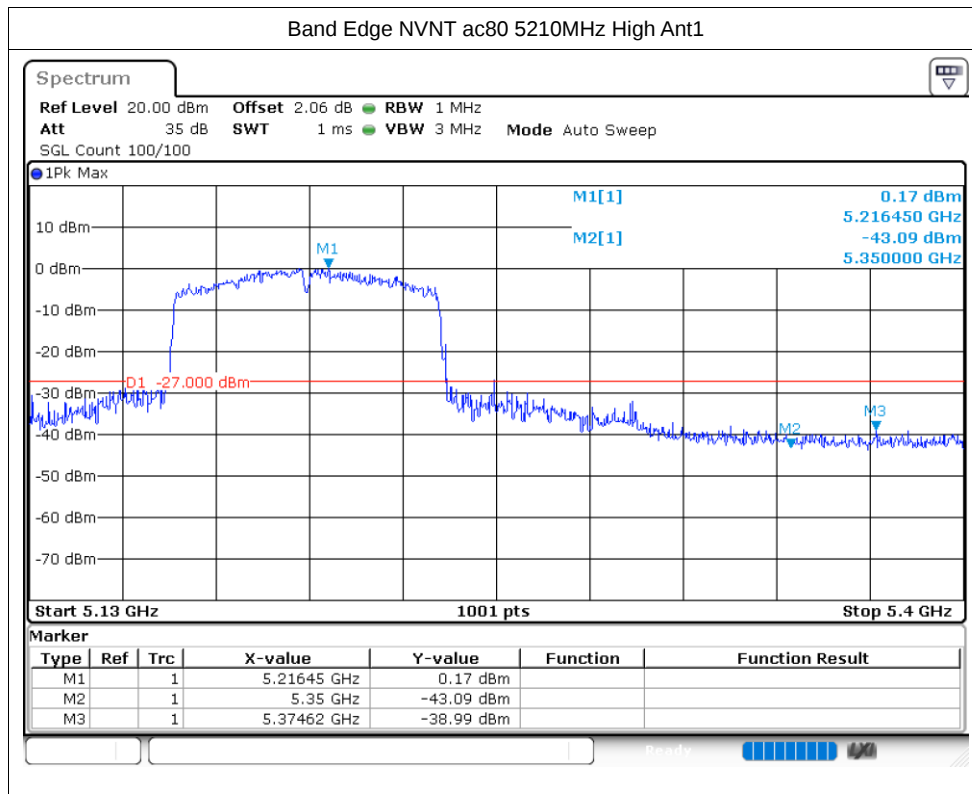










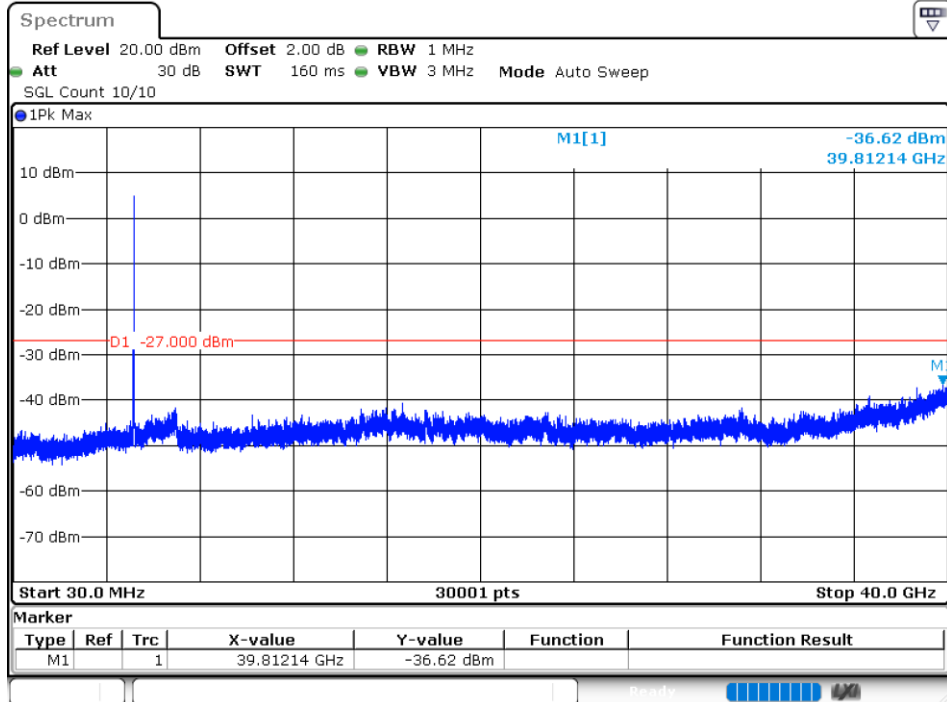


Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-36.61	-27	Pass
NVNT	a	5200	Ant1	-35.99	-27	Pass
NVNT	a	5240	Ant1	-36.21	-27	Pass
NVNT	n20	5180	Ant1	-35.97	-27	Pass
NVNT	n20	5200	Ant1	-34.51	-27	Pass
NVNT	n20	5240	Ant1	-34.83	-27	Pass
NVNT	n40	5190	Ant1	-34.65	-27	Pass
NVNT	n40	5230	Ant1	-34.65	-27	Pass
NVNT	ac20	5180	Ant1	-35.35	-27	Pass
NVNT	ac20	5200	Ant1	-34.62	-27	Pass
NVNT	ac20	5240	Ant1	-35.48	-27	Pass
NVNT	ac40	5190	Ant1	-35.53	-27	Pass
NVNT	ac40	5230	Ant1	-34.89	-27	Pass
NVNT	ac80	5210	Ant1	-35.8	-27	Pass

Test Graphs

Tx. Spurious NVNT a 5180MHz Ant1 Emission



Tx. Spurious NVNT a 5200MHz Ant1 Emission

