

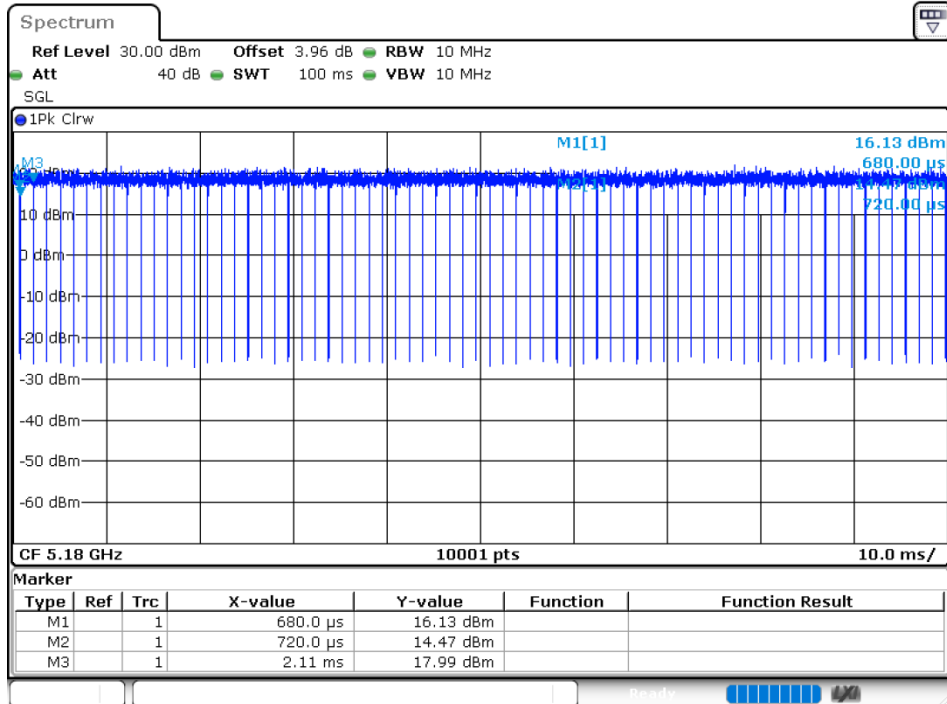
5.2G:

Duty Cycle

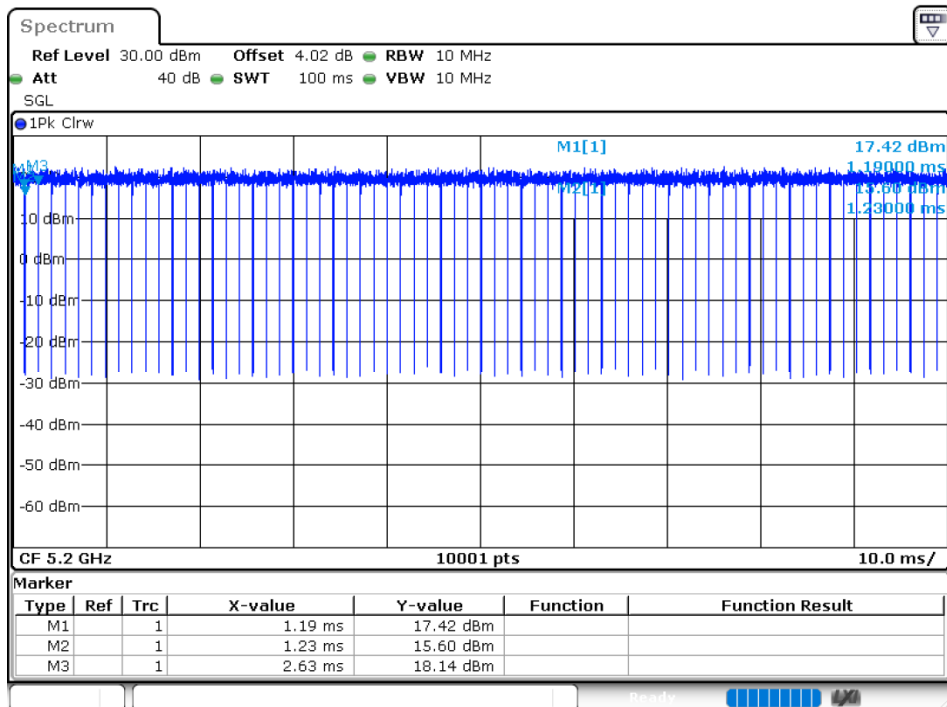
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	97.6	0.11	0.72
NVNT	a	5200	Ant1	97.63	0.1	0.71
NVNT	a	5240	Ant1	97.6	0.11	0.72
NVNT	n20	5180	Ant1	97.43	0.11	0.77
NVNT	n20	5200	Ant1	97.45	0.11	0.77
NVNT	n20	5240	Ant1	97.41	0.11	0.77
NVNT	n40	5190	Ant1	95.04	0.22	1.56
NVNT	n40	5230	Ant1	95.07	0.22	1.56
NVNT	ac20	5180	Ant1	97.43	0.11	0.76
NVNT	ac20	5200	Ant1	97.46	0.11	0.76
NVNT	ac20	5240	Ant1	97.41	0.11	0.76
NVNT	ac40	5190	Ant1	95.09	0.22	1.54
NVNT	ac40	5230	Ant1	95.1	0.22	1.52
NVNT	ac80	5210	Ant1	90.74	0.42	3.03

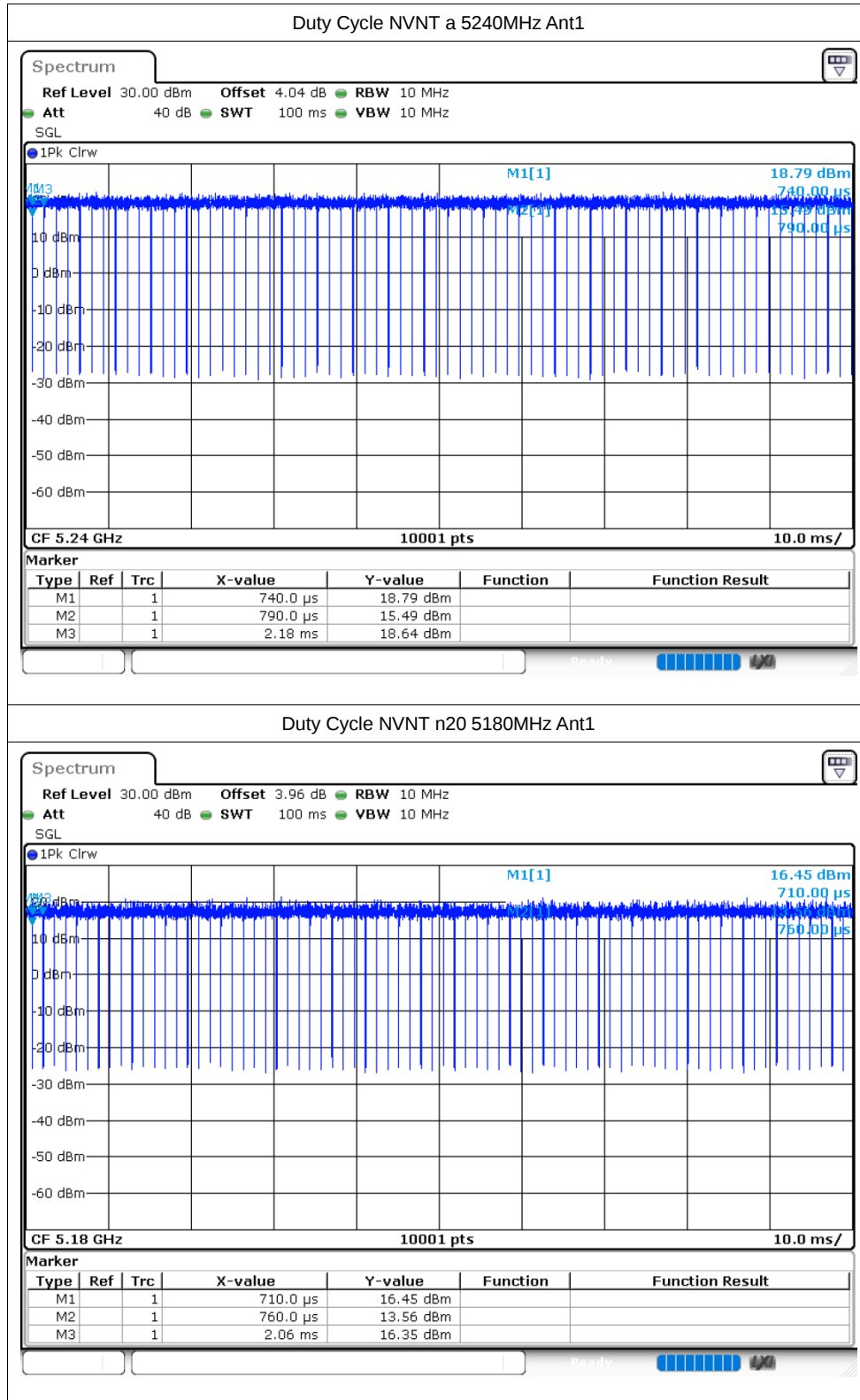
Test Graphs

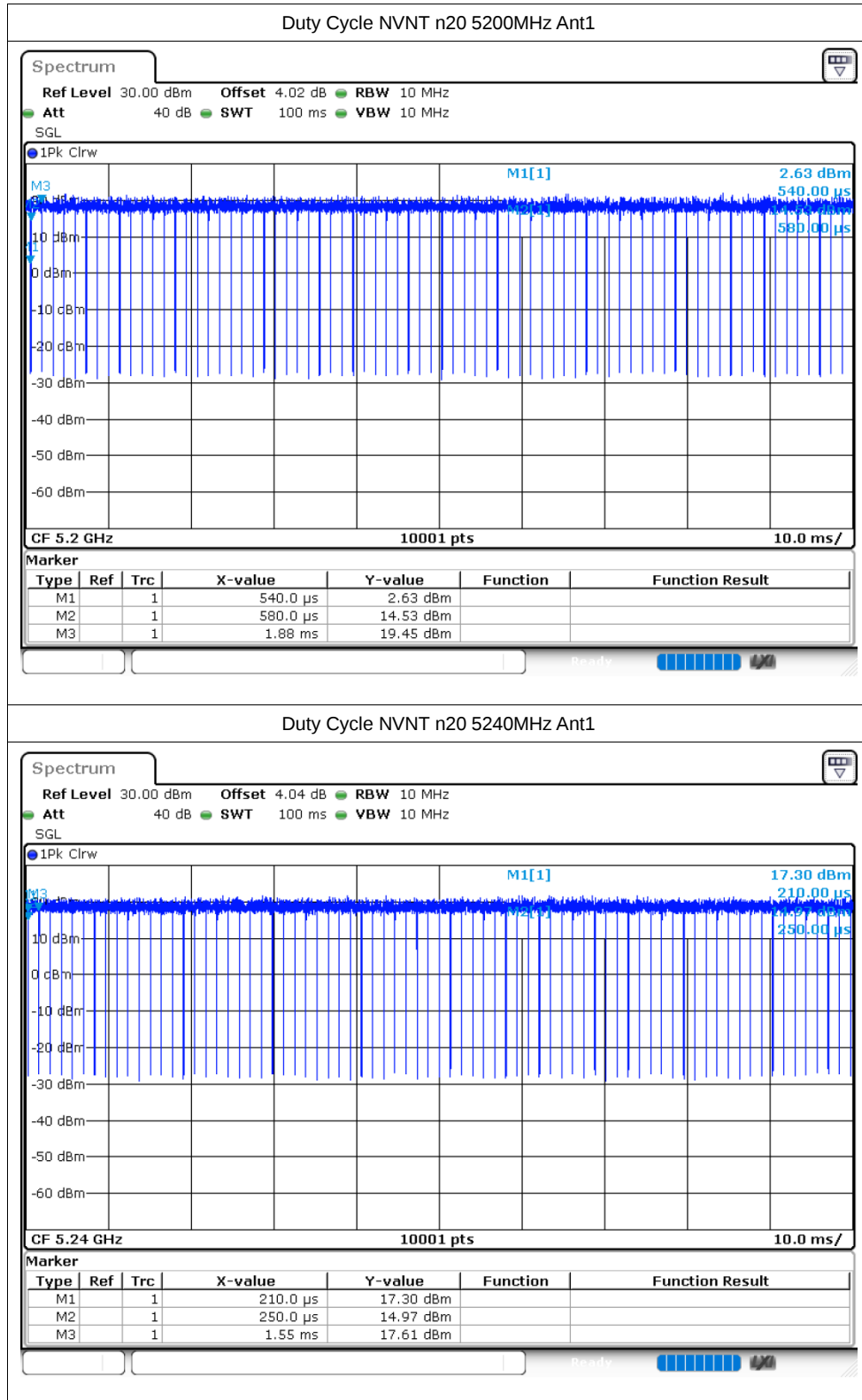
Duty Cycle NVNT a 5180MHz Ant1

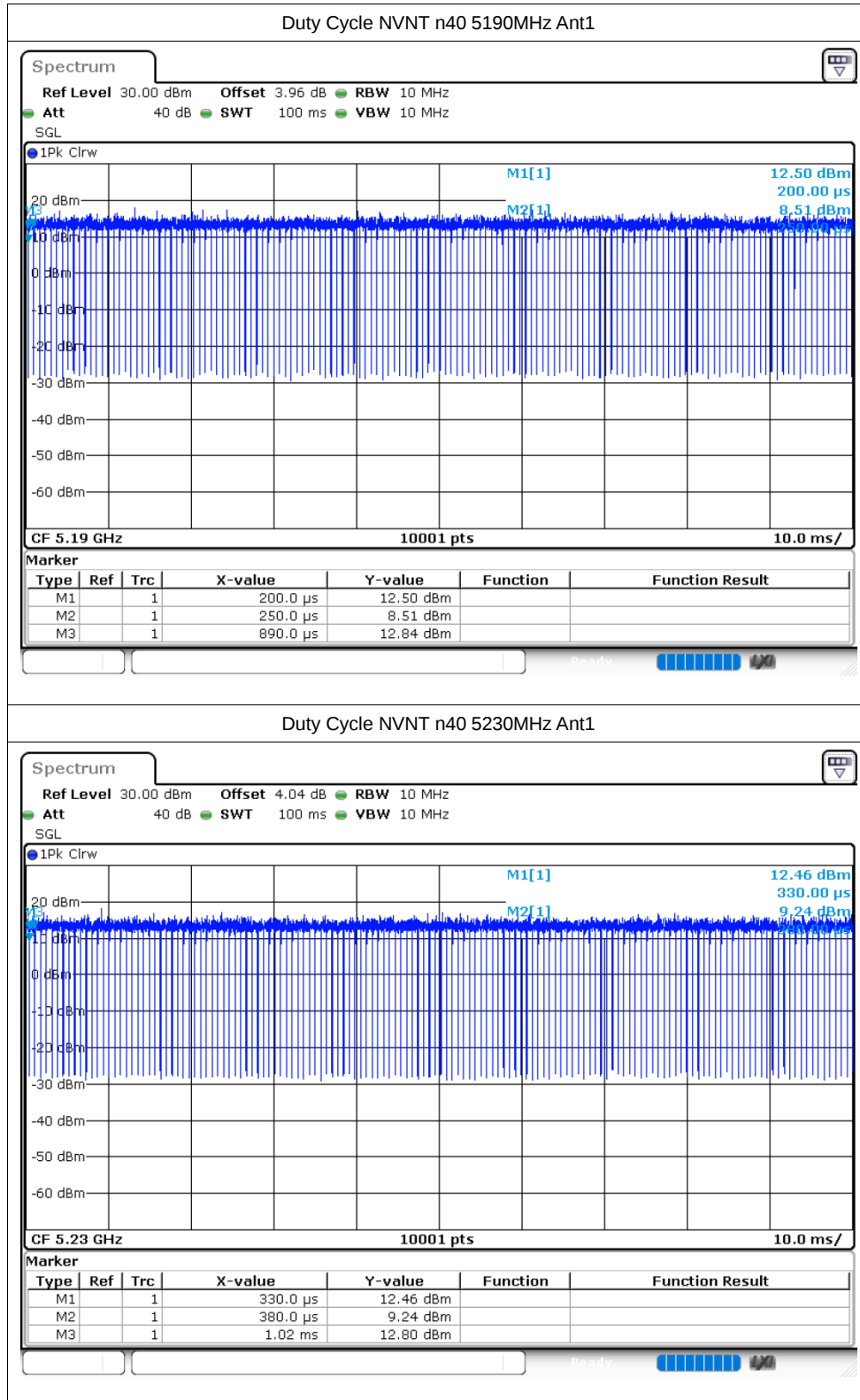


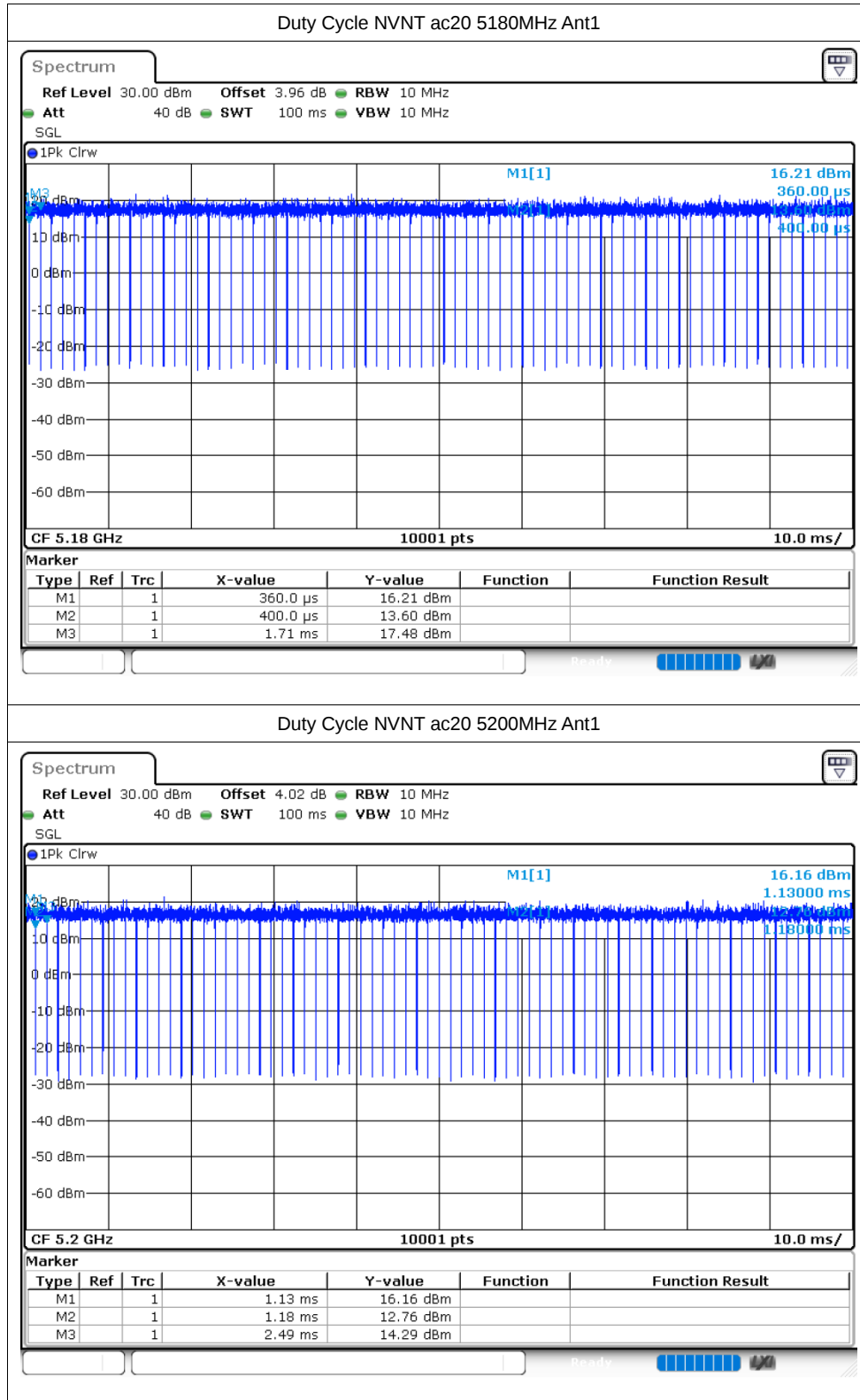
Duty Cycle NVNT a 5200MHz Ant1

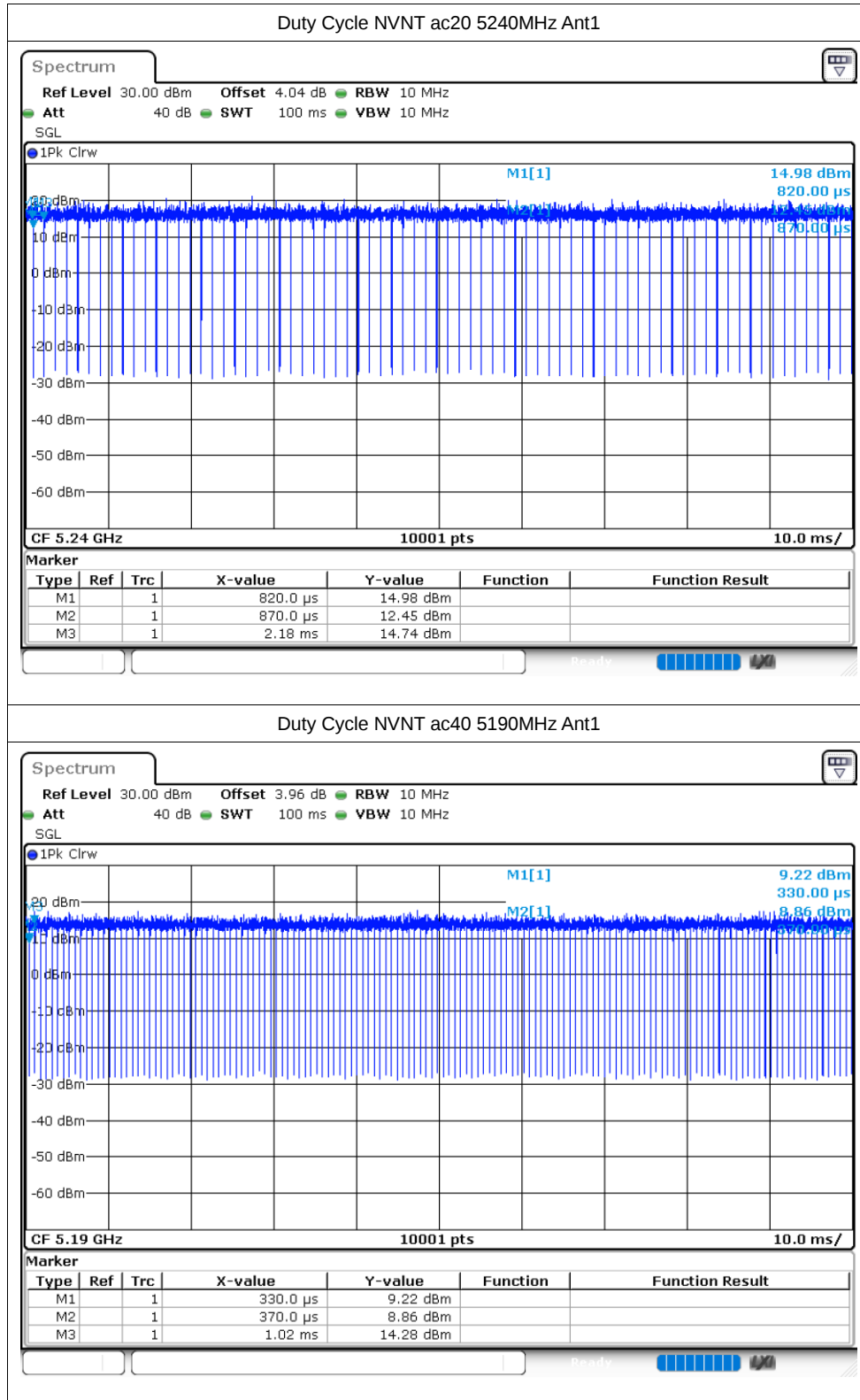


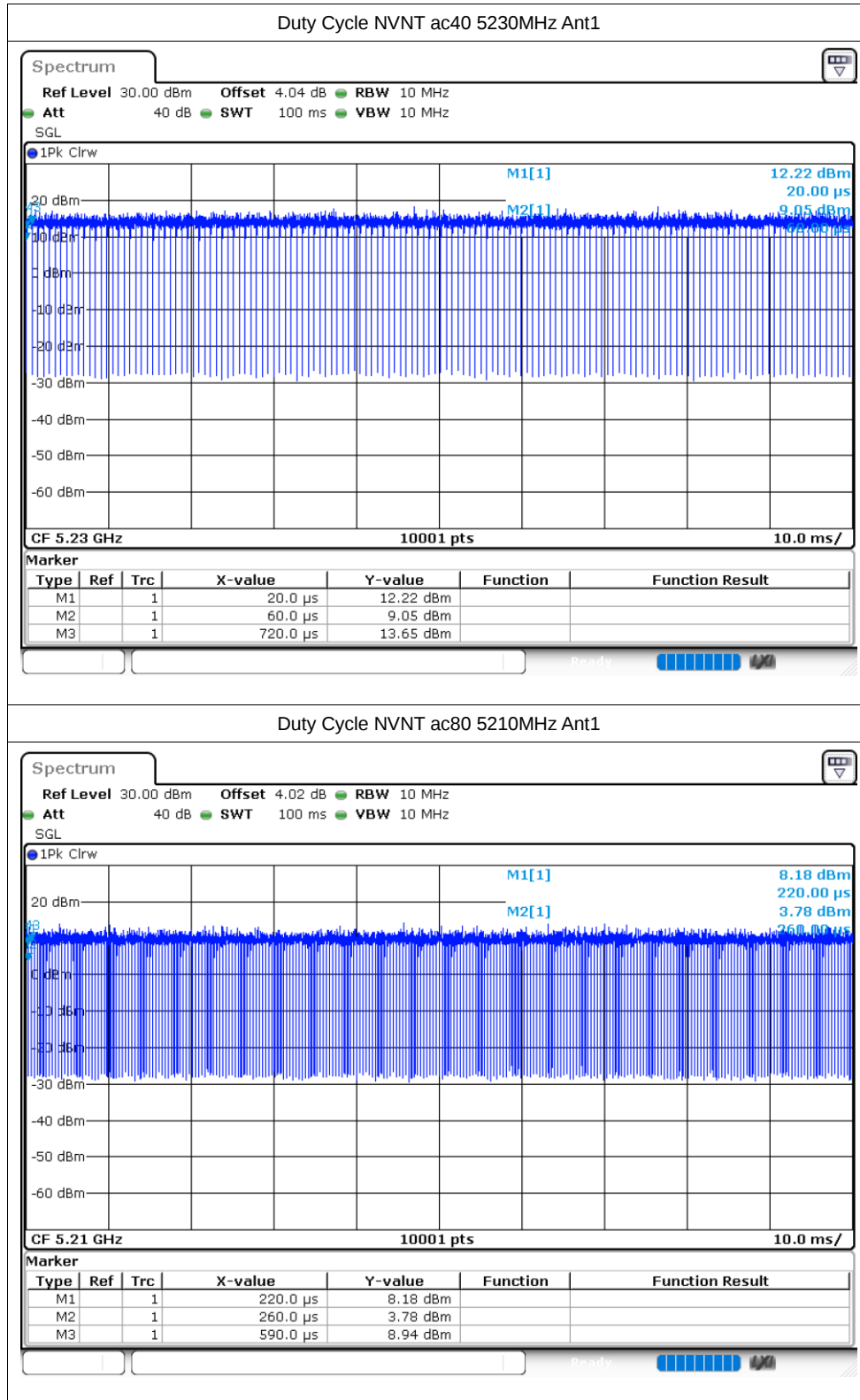












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	14.49	24	Pass
NVNT	a	5200	Ant1	13.95	24	Pass
NVNT	a	5240	Ant1	13.96	24	Pass
NVNT	n20	5180	Ant1	13.2	24	Pass
NVNT	n20	5200	Ant1	13.32	24	Pass
NVNT	n20	5240	Ant1	13.35	24	Pass
NVNT	n40	5190	Ant1	11.01	24	Pass
NVNT	n40	5230	Ant1	10.53	24	Pass
NVNT	ac20	5180	Ant1	11.09	24	Pass
NVNT	ac20	5200	Ant1	10.71	24	Pass
NVNT	ac20	5240	Ant1	10.87	24	Pass
NVNT	ac40	5190	Ant1	11.51	24	Pass
NVNT	ac40	5230	Ant1	10.99	24	Pass
NVNT	ac80	5210	Ant1	10.91	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	19.827
NVNT	a	5200	Ant1	19.548
NVNT	a	5240	Ant1	20.043
NVNT	n20	5180	Ant1	20.385
NVNT	n20	5200	Ant1	20.31
NVNT	n20	5240	Ant1	20.211
NVNT	n40	5190	Ant1	41.028
NVNT	n40	5230	Ant1	40.71
NVNT	ac20	5180	Ant1	20.196
NVNT	ac20	5200	Ant1	19.785
NVNT	ac20	5240	Ant1	20.247
NVNT	ac40	5190	Ant1	40.992
NVNT	ac40	5230	Ant1	40.584
NVNT	ac80	5210	Ant1	81.252

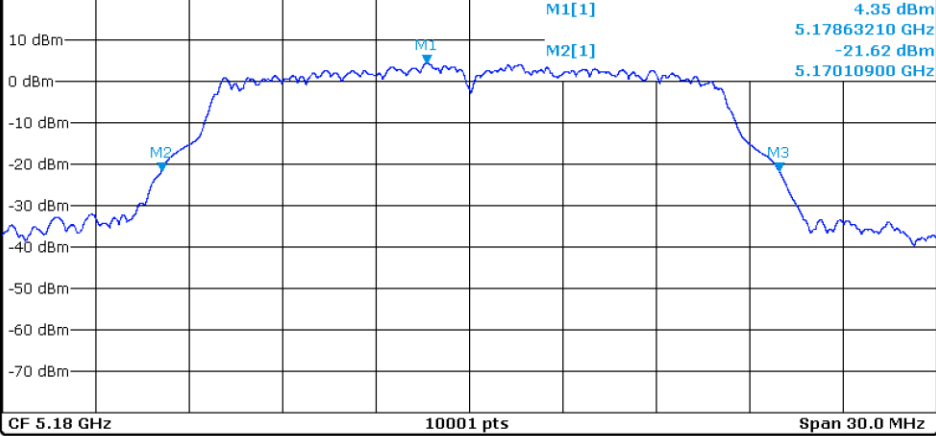
Test Graphs

-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

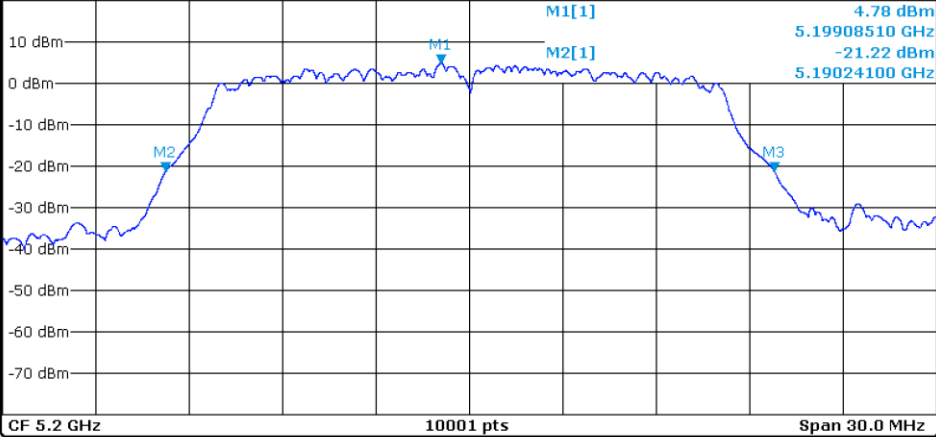


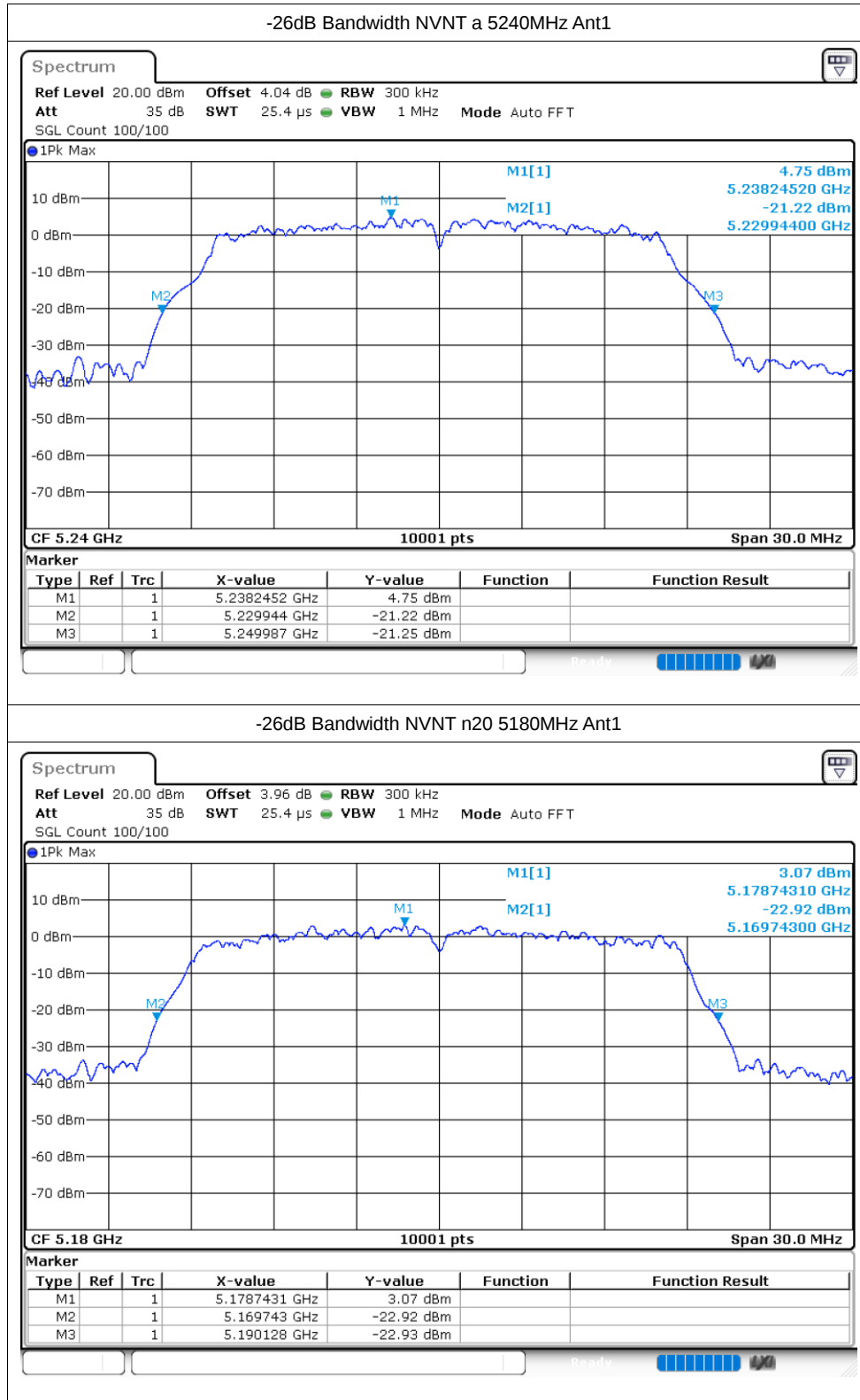
-26dB Bandwidth NVNT a 5200MHz Ant1

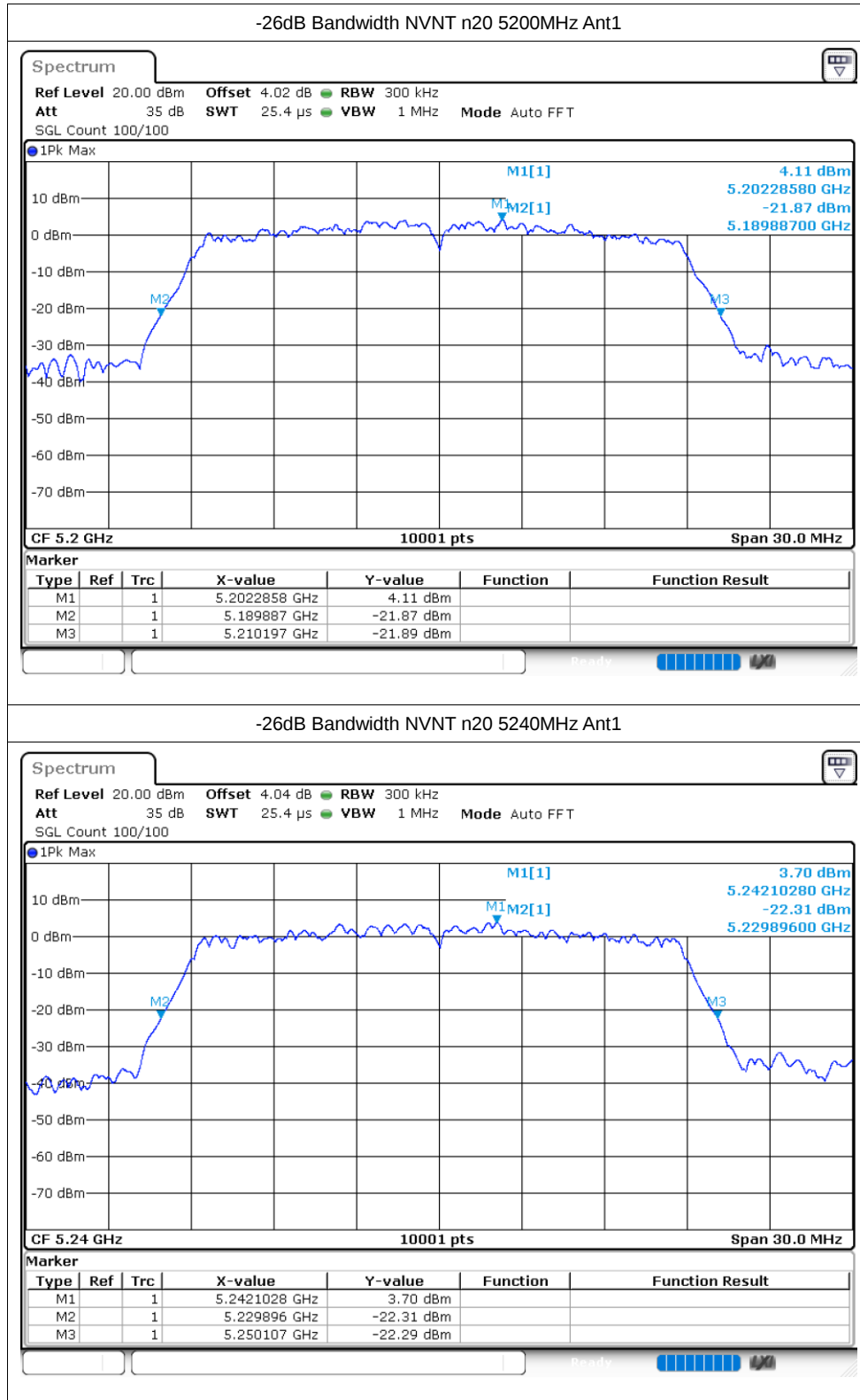
Spectrum

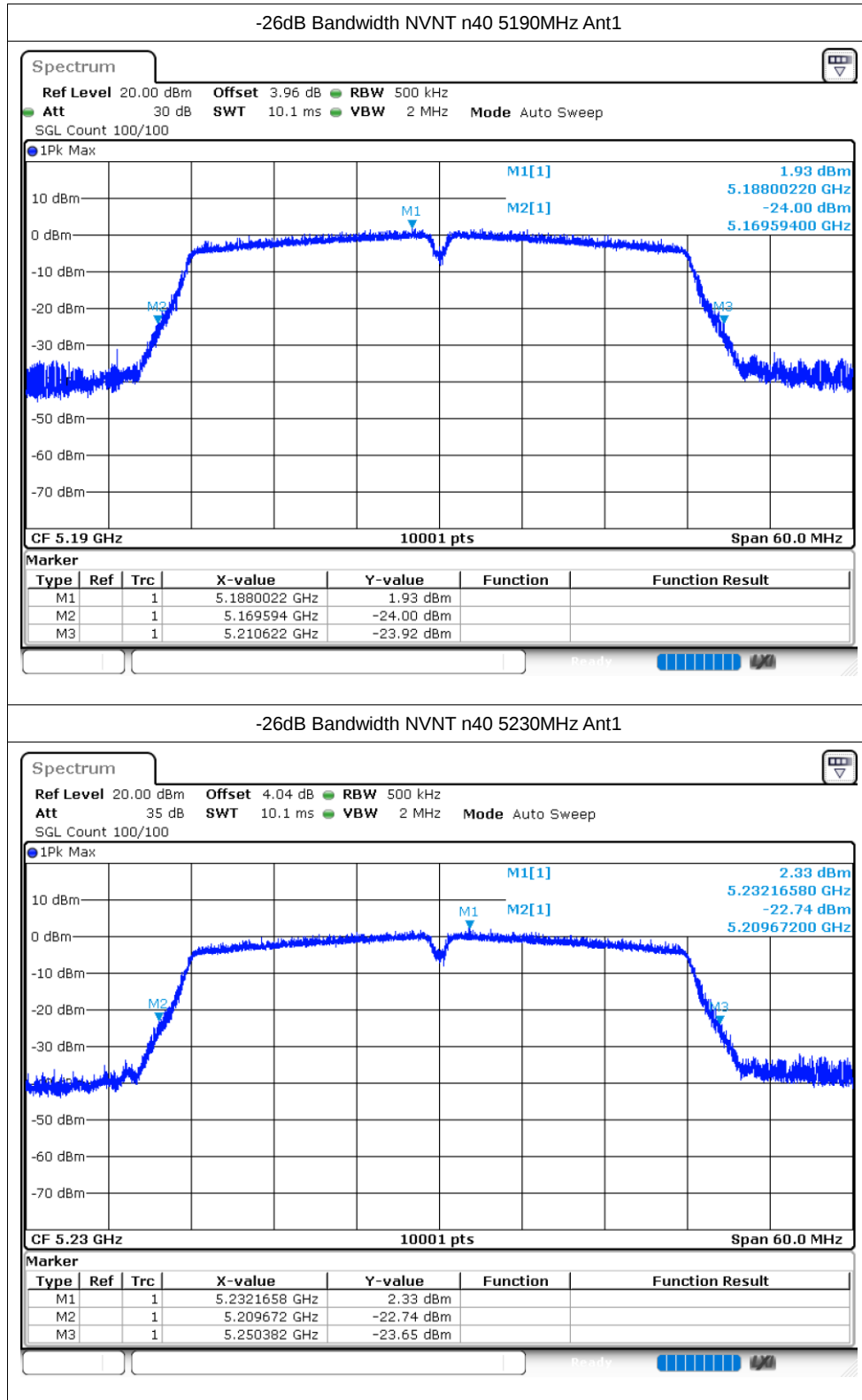
Ref Level 20.00 dBm Offset 4.02 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

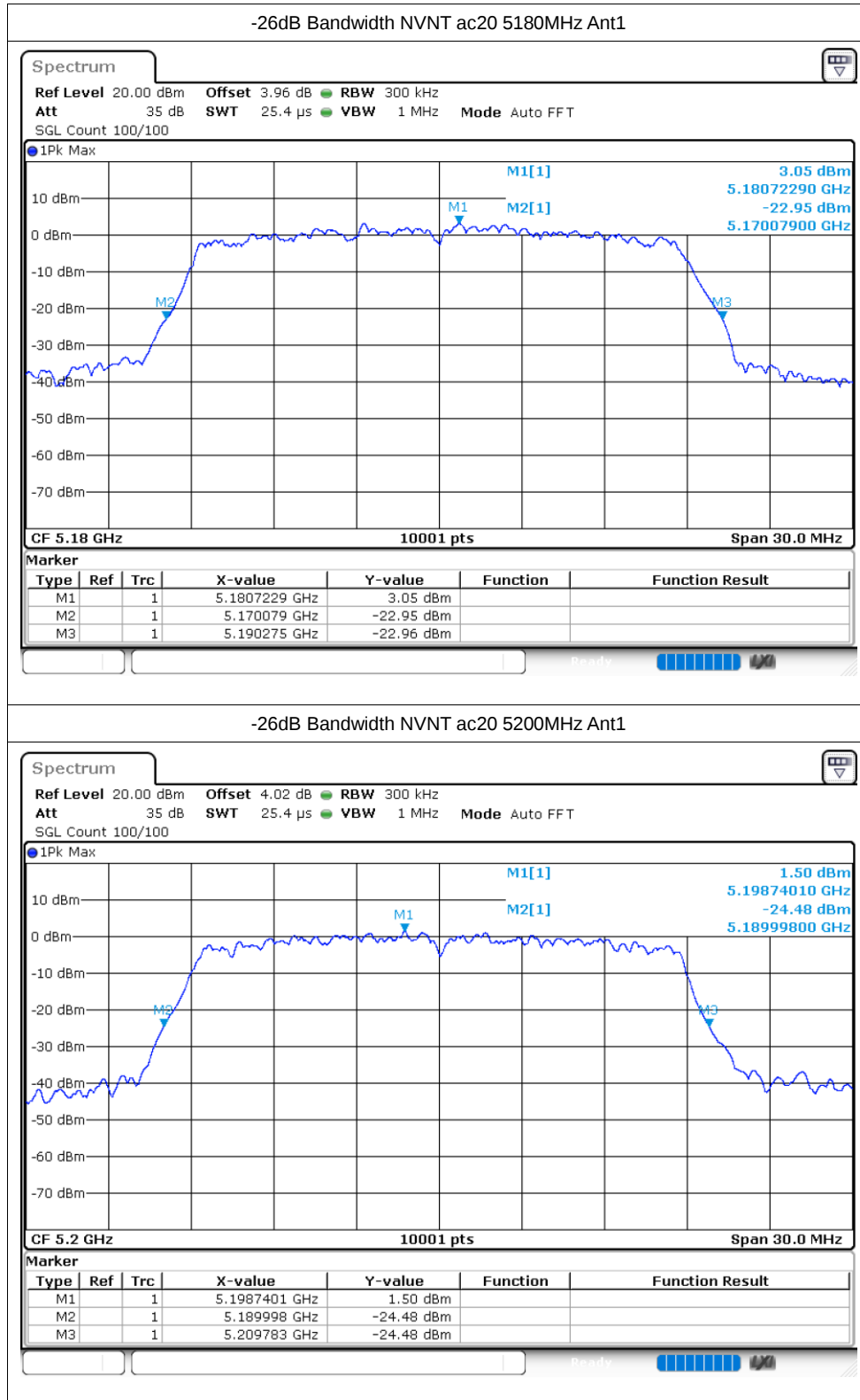
1Pk Max

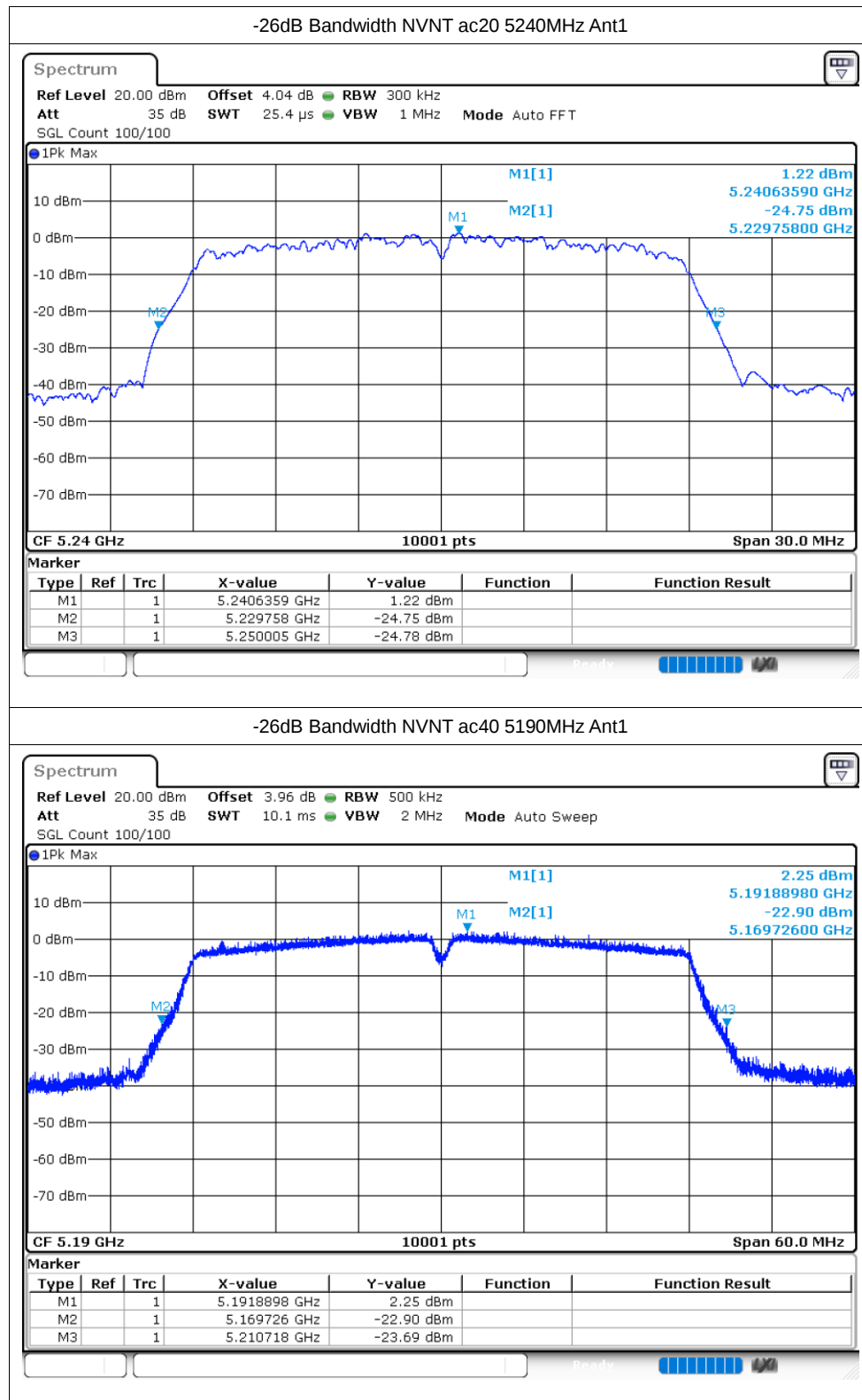


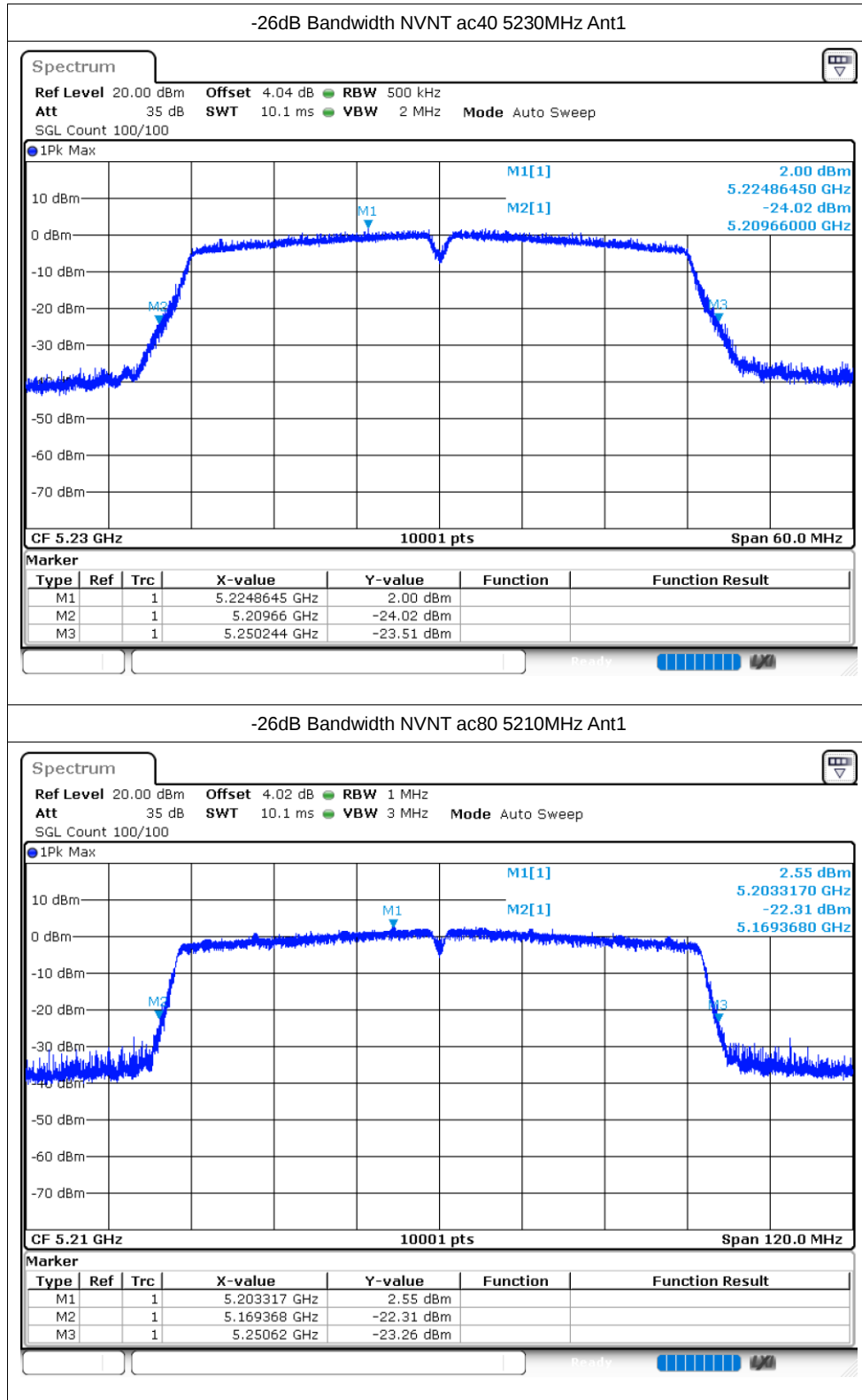










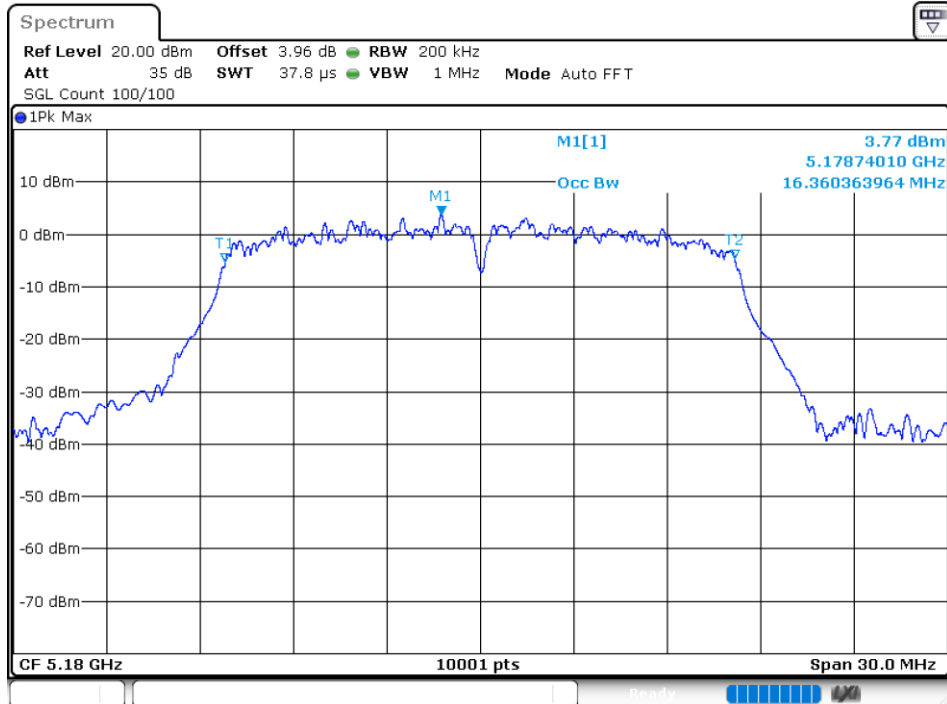


Occupied Channel Bandwidth

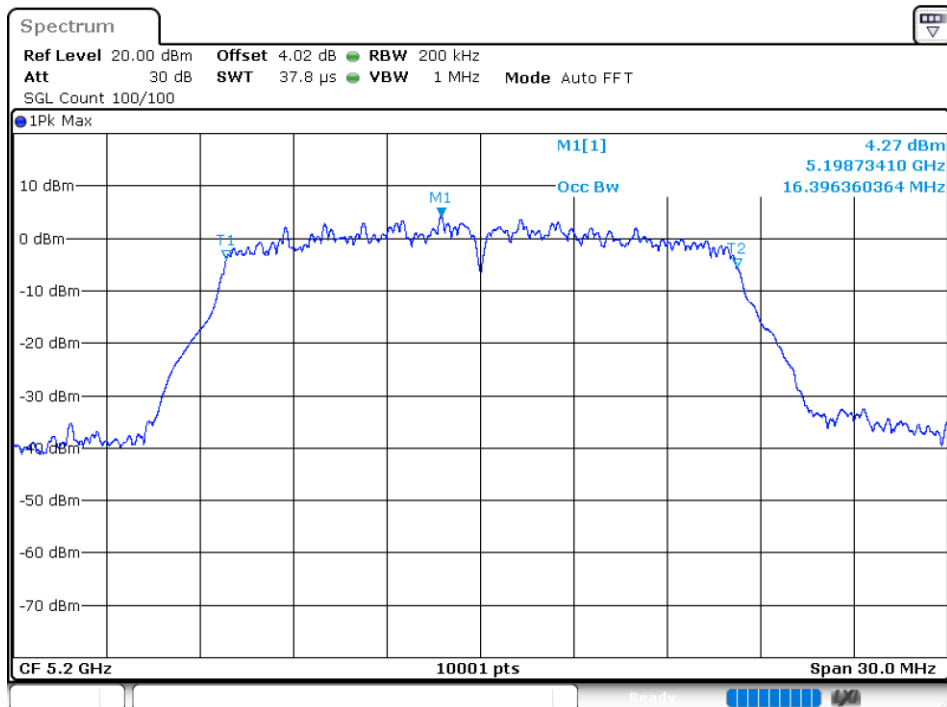
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.36
NVNT	a	5200	Ant1	16.396
NVNT	a	5240	Ant1	16.402
NVNT	n20	5180	Ant1	17.584
NVNT	n20	5200	Ant1	17.506
NVNT	n20	5240	Ant1	17.581
NVNT	n40	5190	Ant1	36.008
NVNT	n40	5230	Ant1	36.038
NVNT	ac20	5180	Ant1	17.581
NVNT	ac20	5200	Ant1	17.593
NVNT	ac20	5240	Ant1	17.557
NVNT	ac40	5190	Ant1	36.002
NVNT	ac40	5230	Ant1	35.996
NVNT	ac80	5210	Ant1	75.184

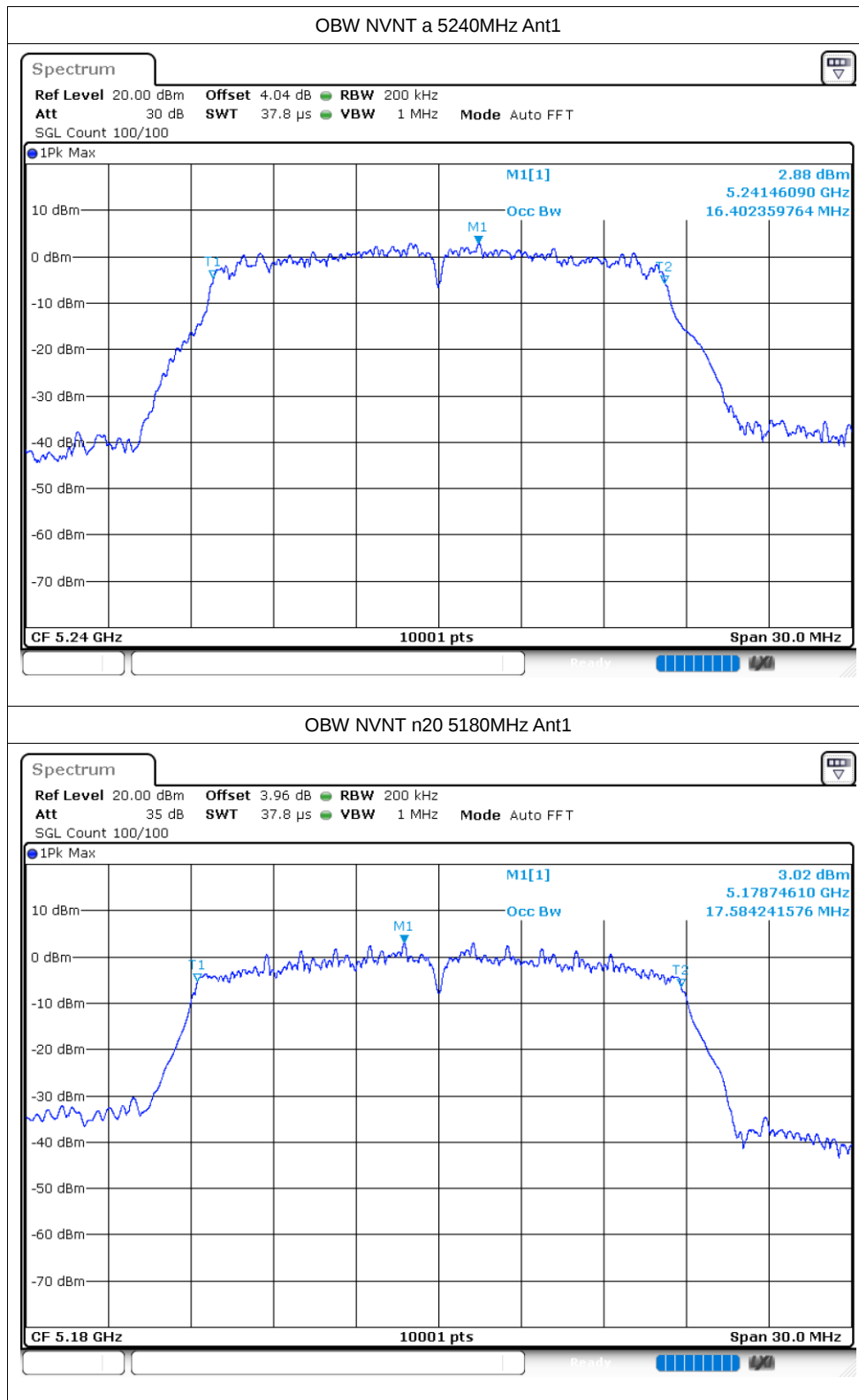
Test Graphs

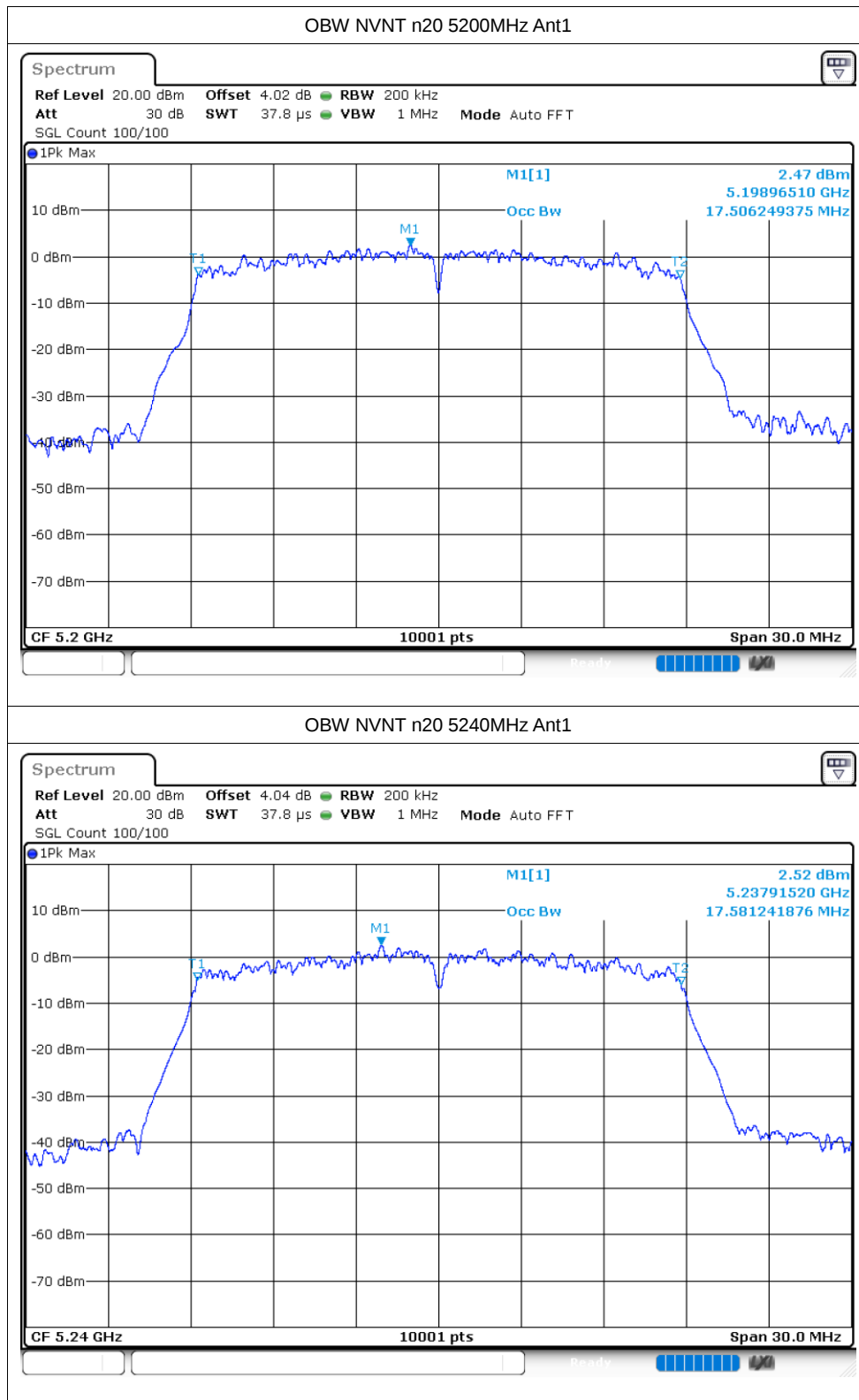
OBW NVNT a 5180MHz Ant1

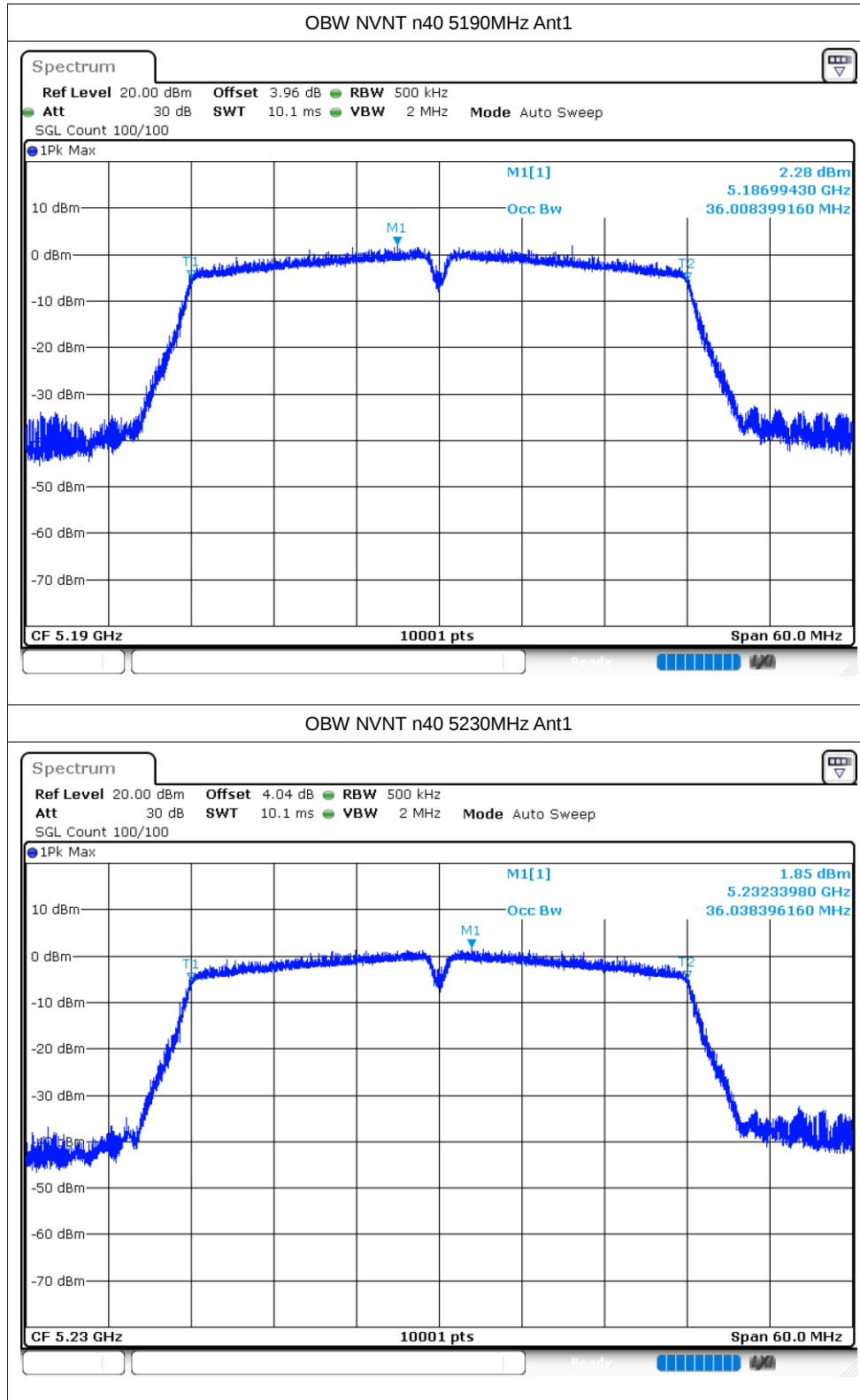


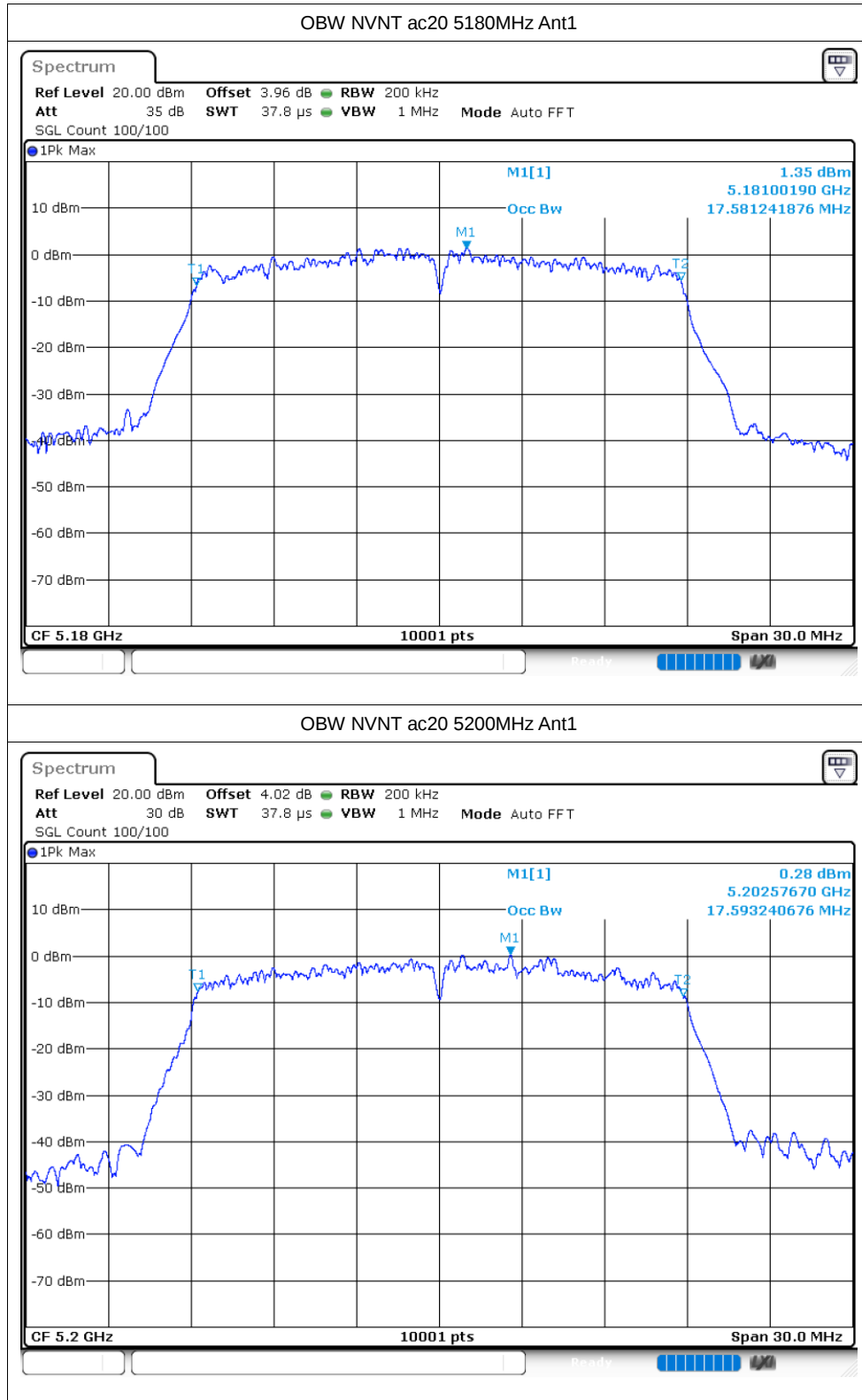
OBW NVNT a 5200MHz Ant1

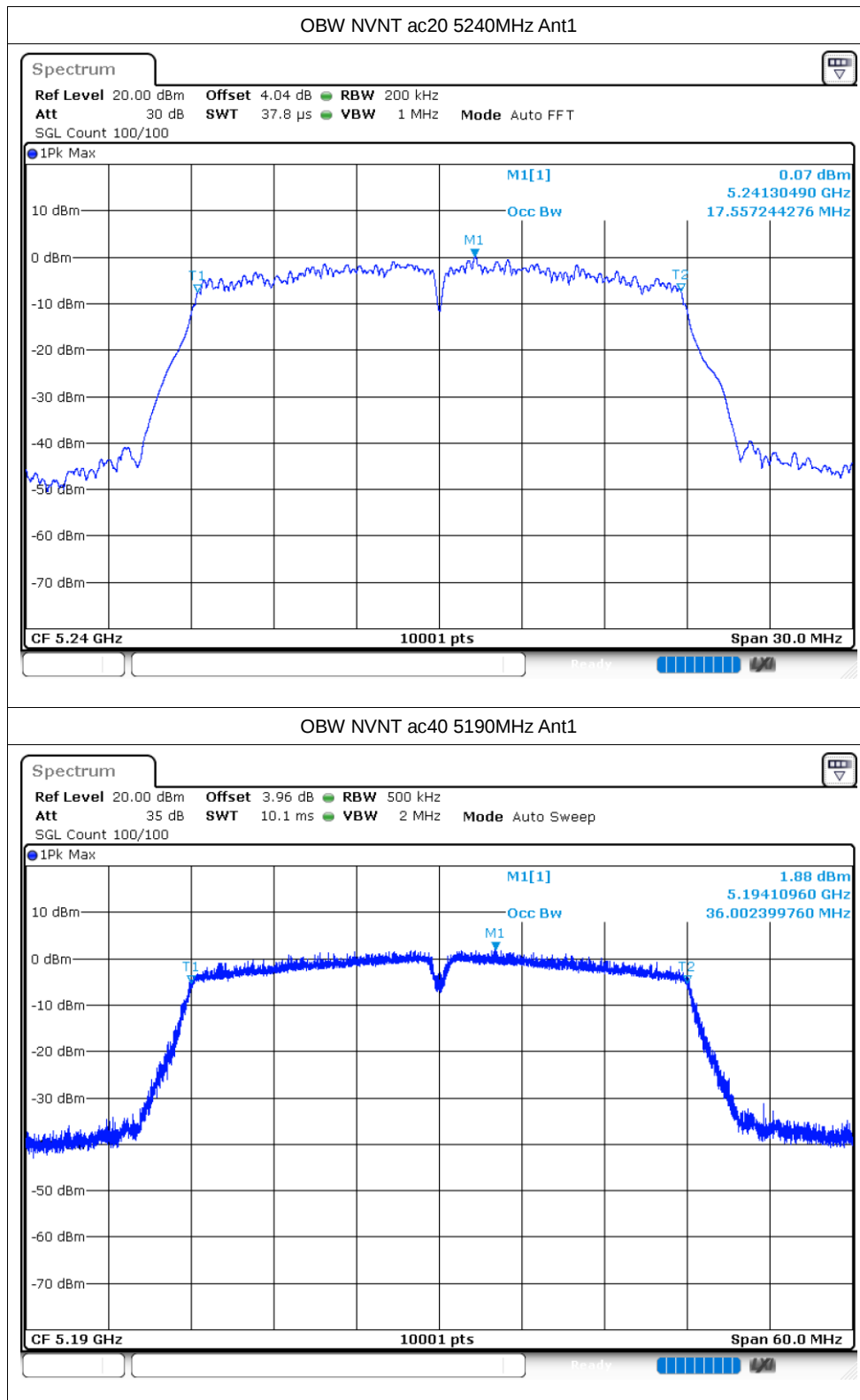


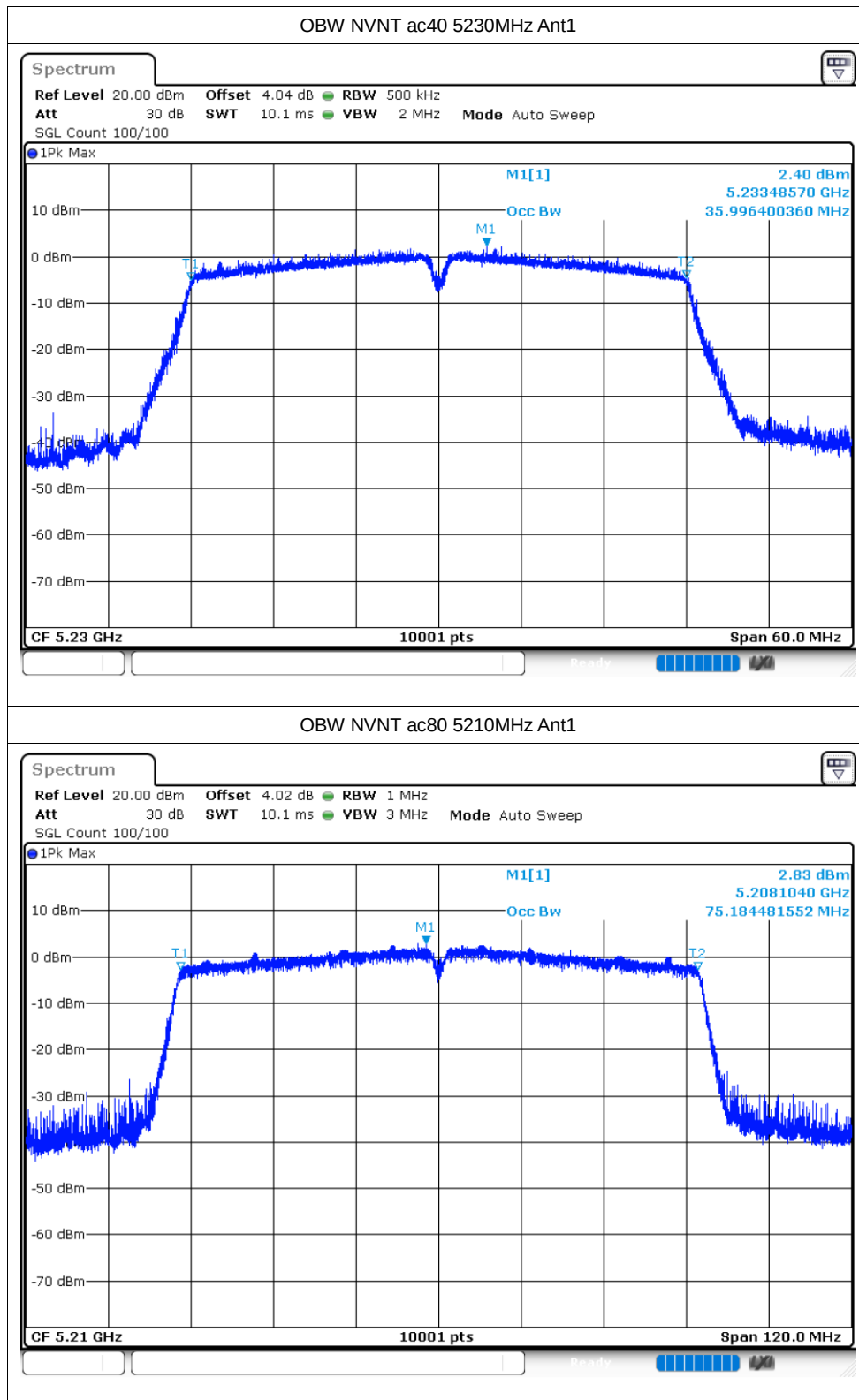










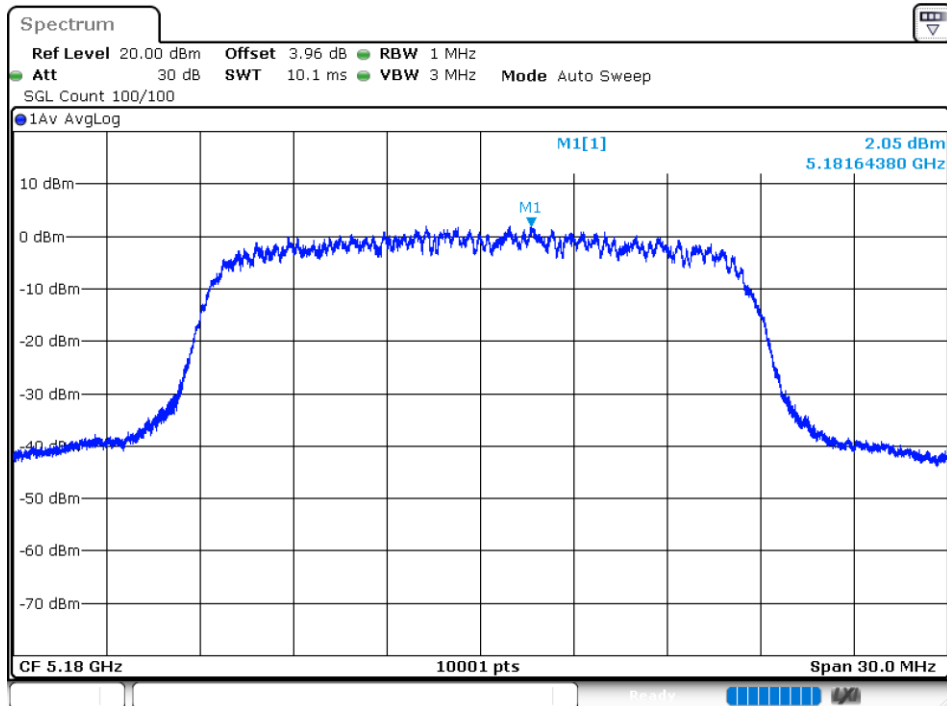


Maximum Power Spectral Density Level

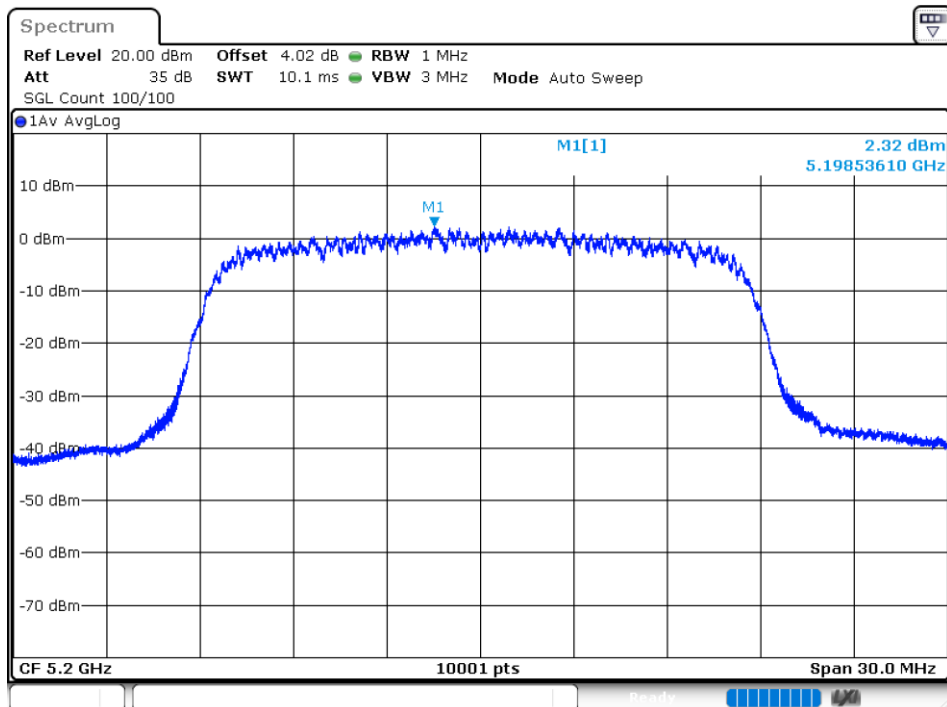
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	2.05	0.11	2.16	11	Pass
NVNT	a	5200	Ant1	2.32	0.1	2.42	11	Pass
NVNT	a	5240	Ant1	2.21	0.11	2.32	11	Pass
NVNT	n20	5180	Ant1	0.36	0.11	0.47	11	Pass
NVNT	n20	5200	Ant1	1.6	0.11	1.71	11	Pass
NVNT	n20	5240	Ant1	0.85	0.11	0.96	11	Pass
NVNT	n40	5190	Ant1	-5.23	0.22	-5.01	11	Pass
NVNT	n40	5230	Ant1	-4.59	0.22	-4.37	11	Pass
NVNT	ac20	5180	Ant1	0.74	0.11	0.85	11	Pass
NVNT	ac20	5200	Ant1	-1.12	0.11	-1.01	11	Pass
NVNT	ac20	5240	Ant1	-1.67	0.11	-1.56	11	Pass
NVNT	ac40	5190	Ant1	-4.51	0.22	-4.29	11	Pass
NVNT	ac40	5230	Ant1	-5.2	0.22	-4.98	11	Pass
NVNT	ac80	5210	Ant1	-10.69	0.42	-10.27	11	Pass

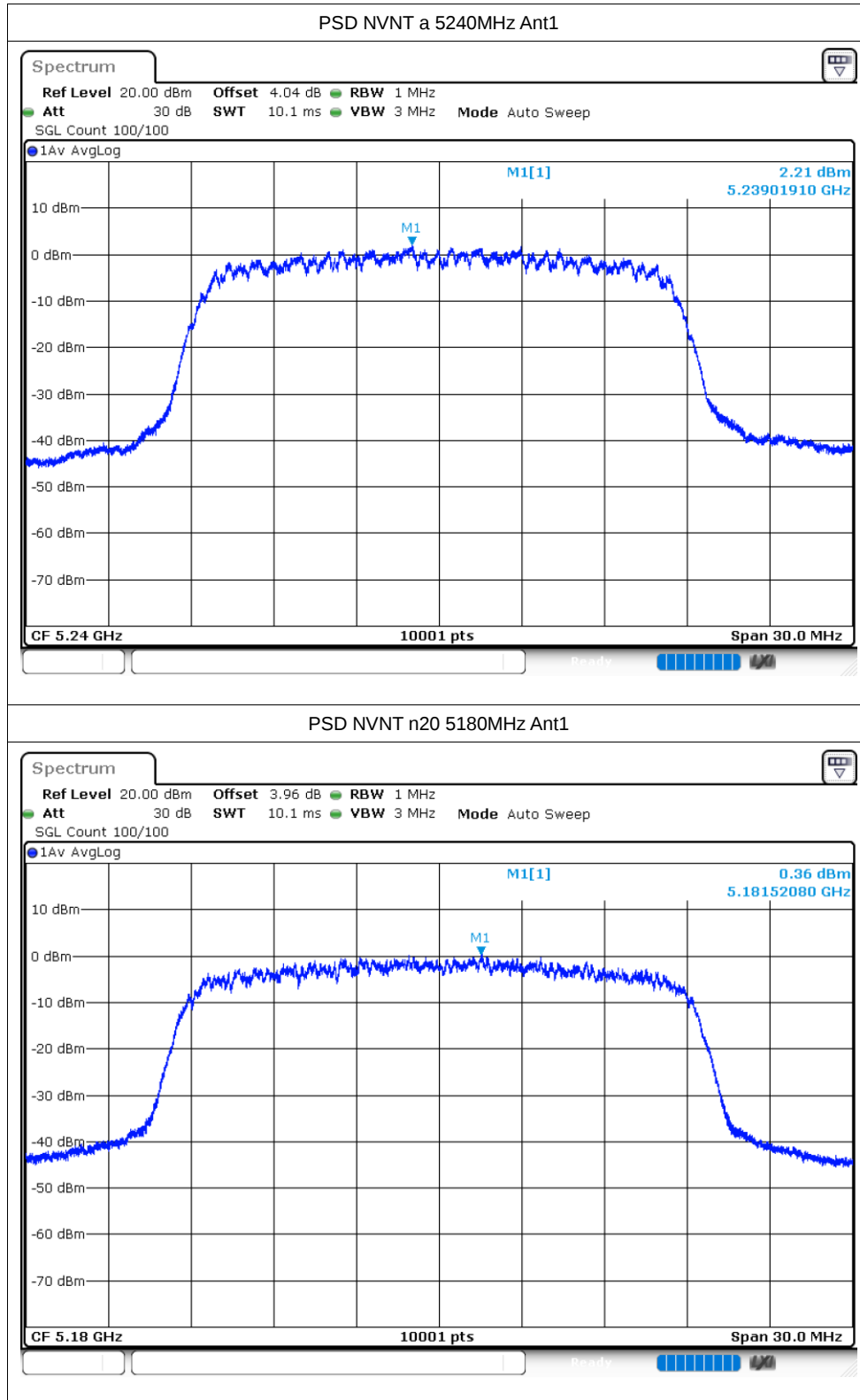
Test Graphs

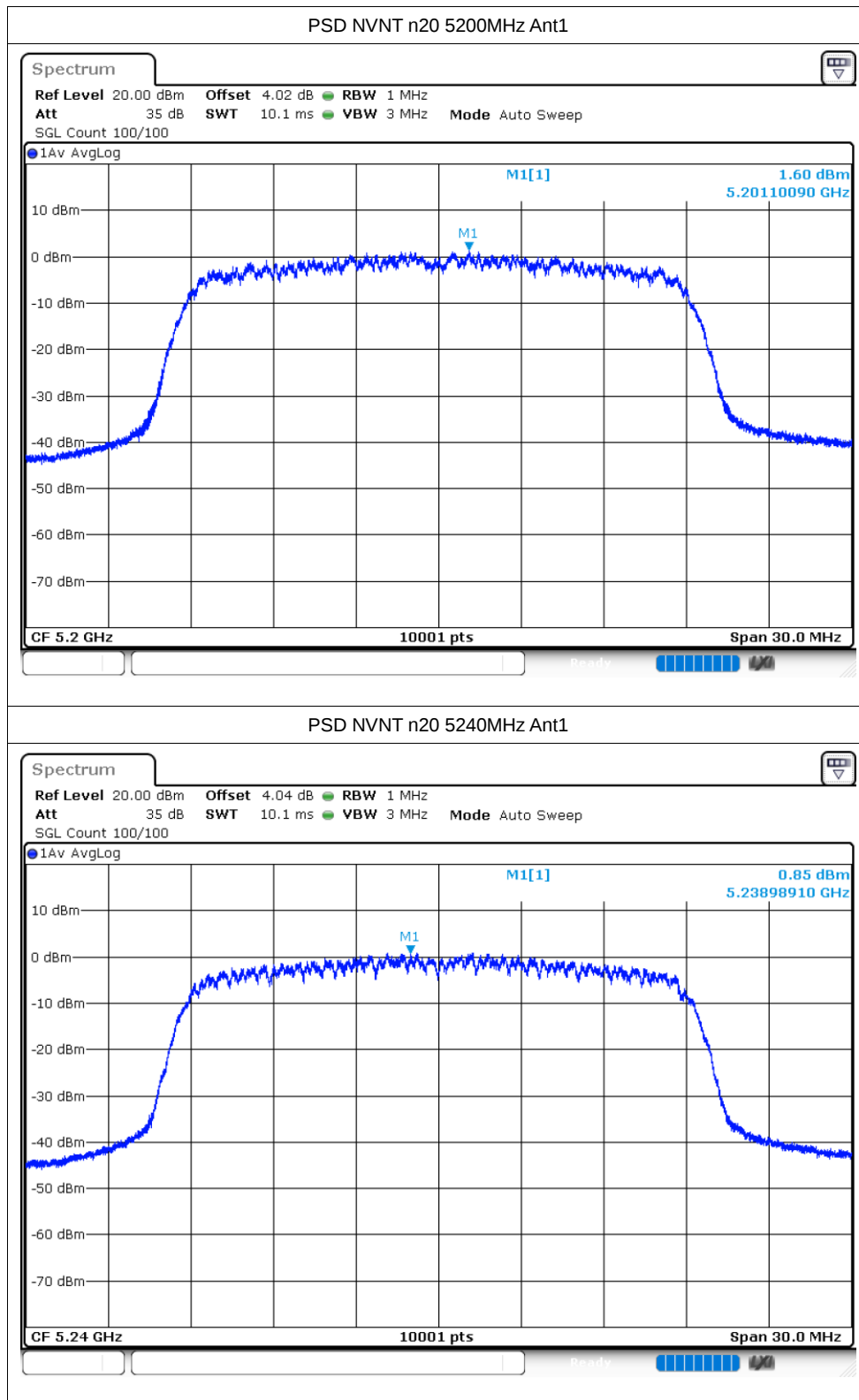
PSD NVNT a 5180MHz Ant1

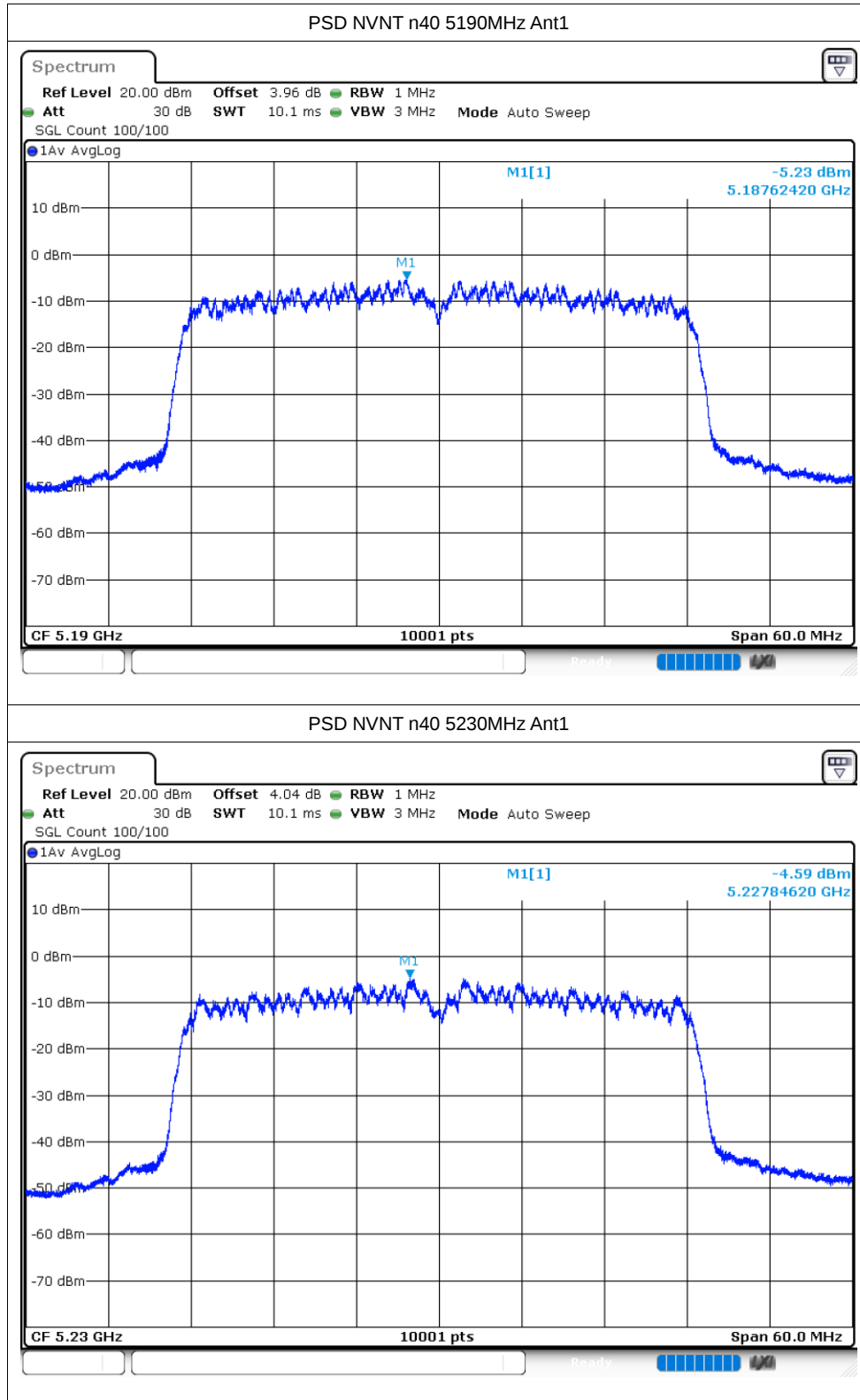


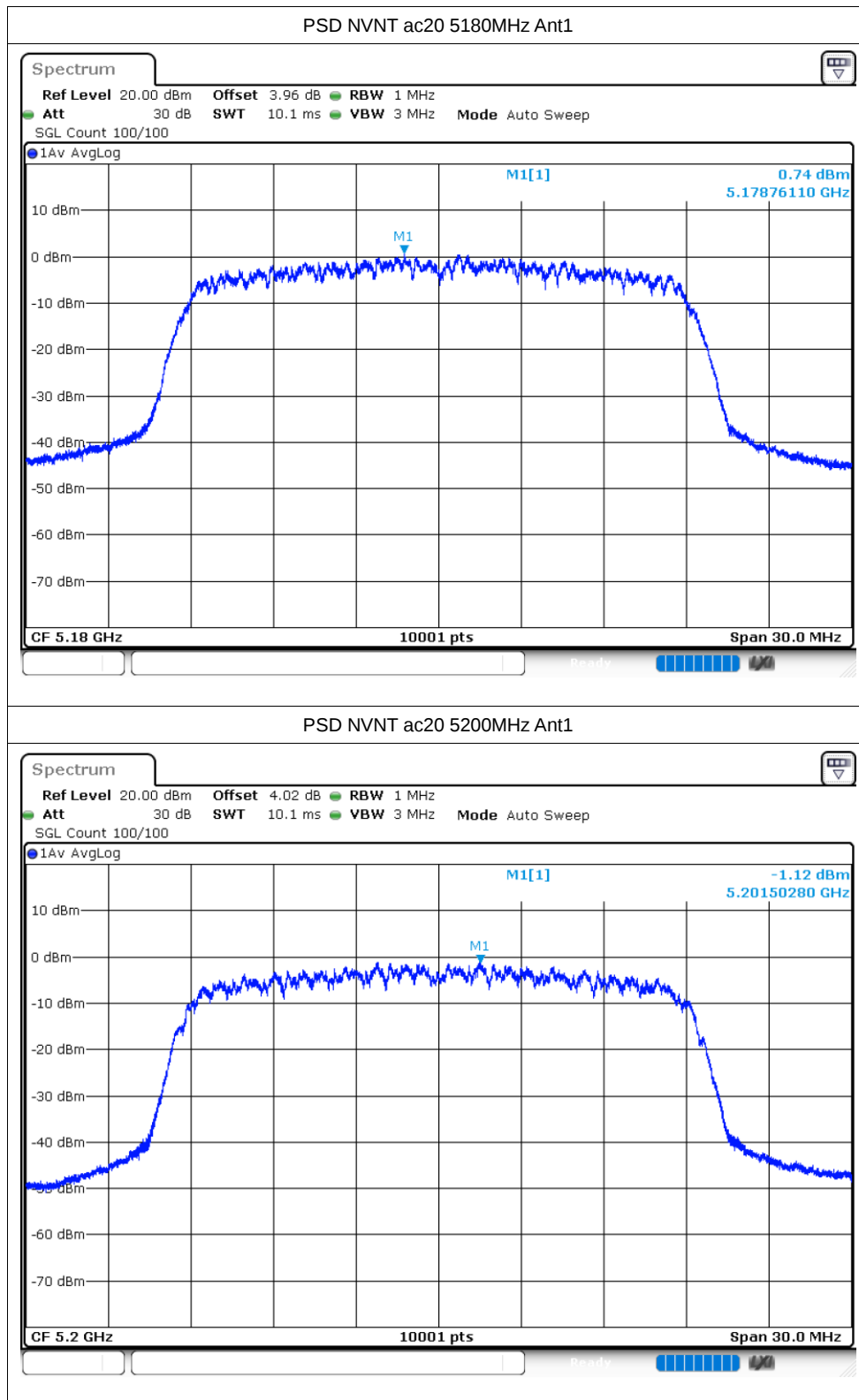
PSD NVNT a 5200MHz Ant1

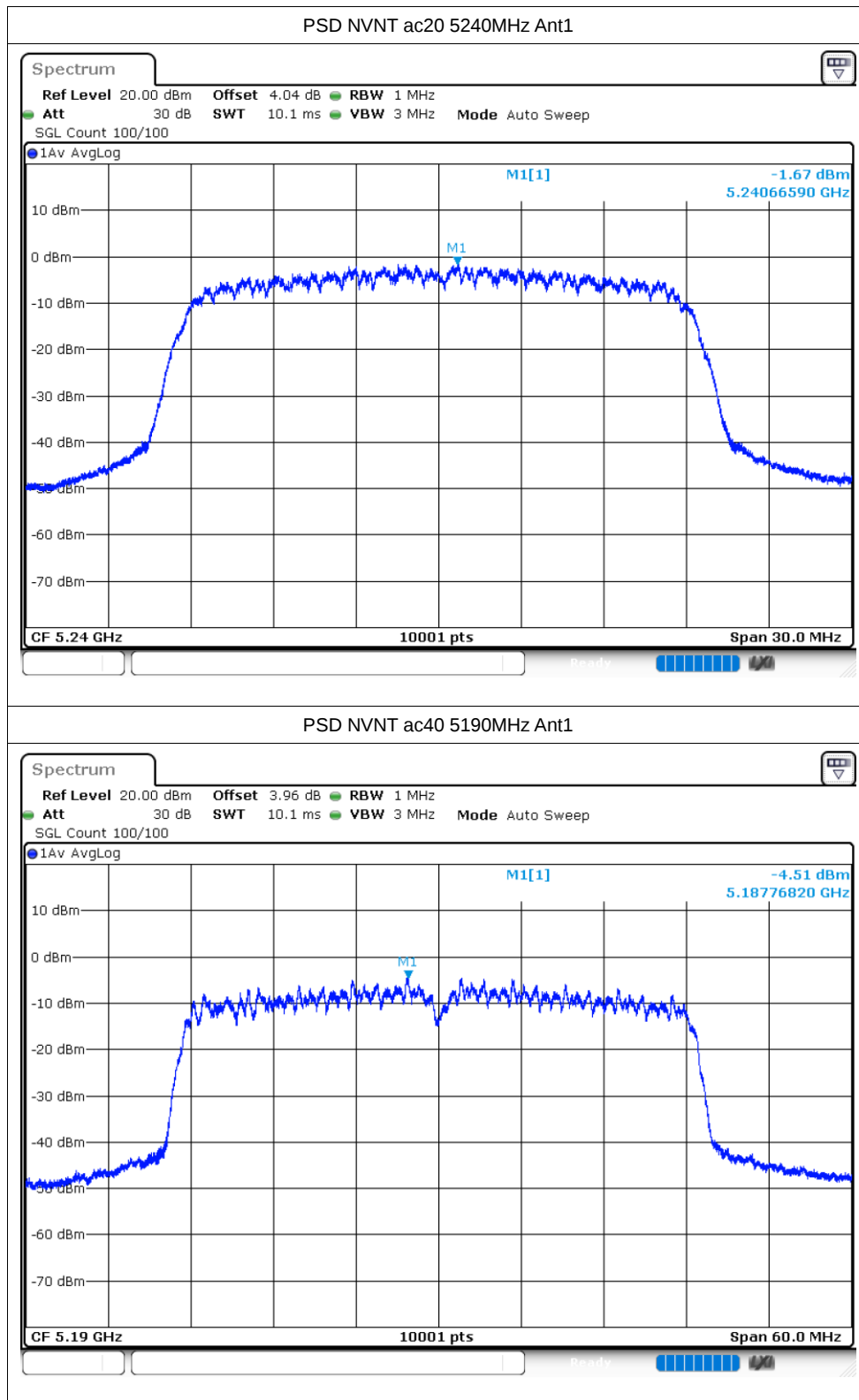


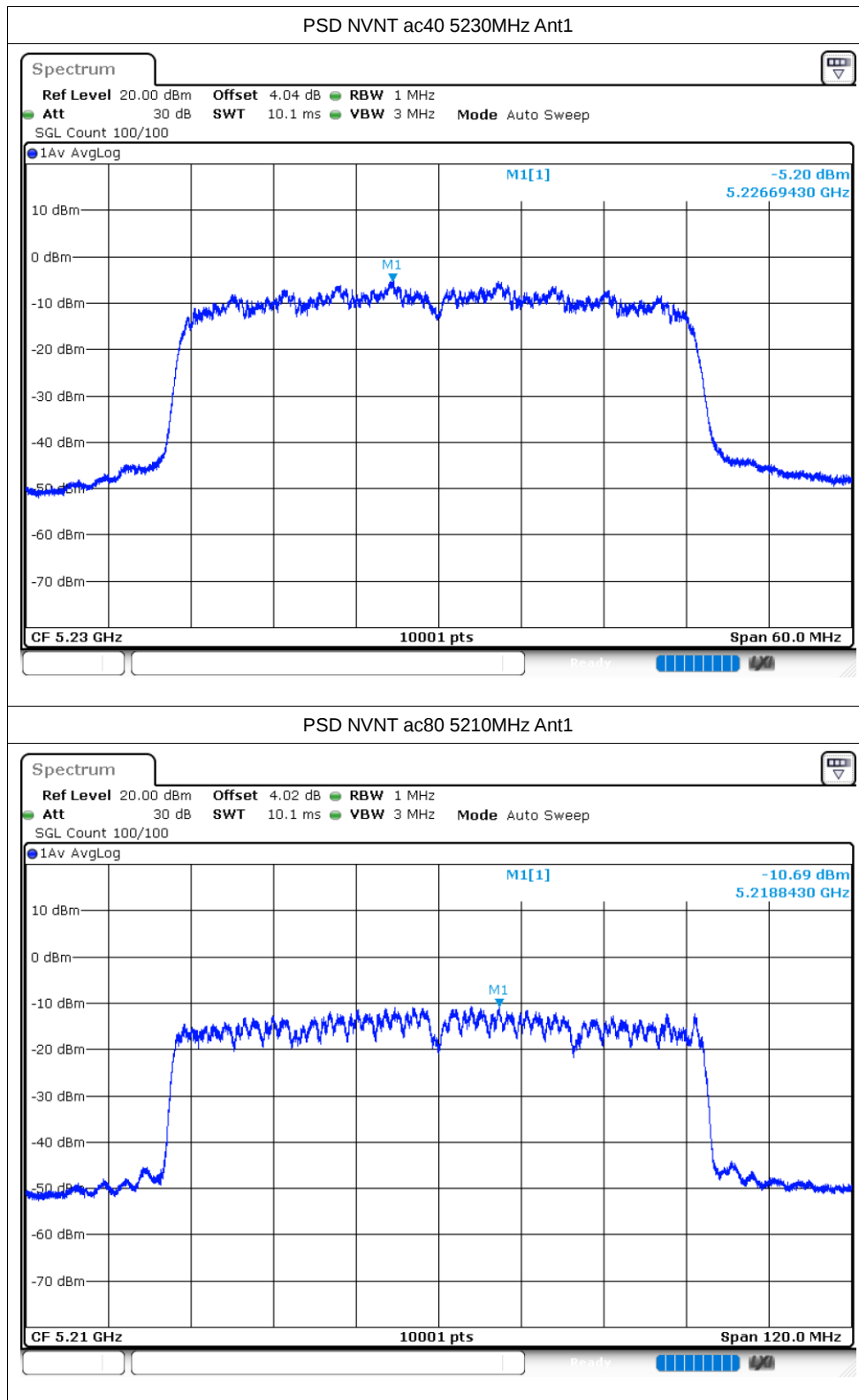










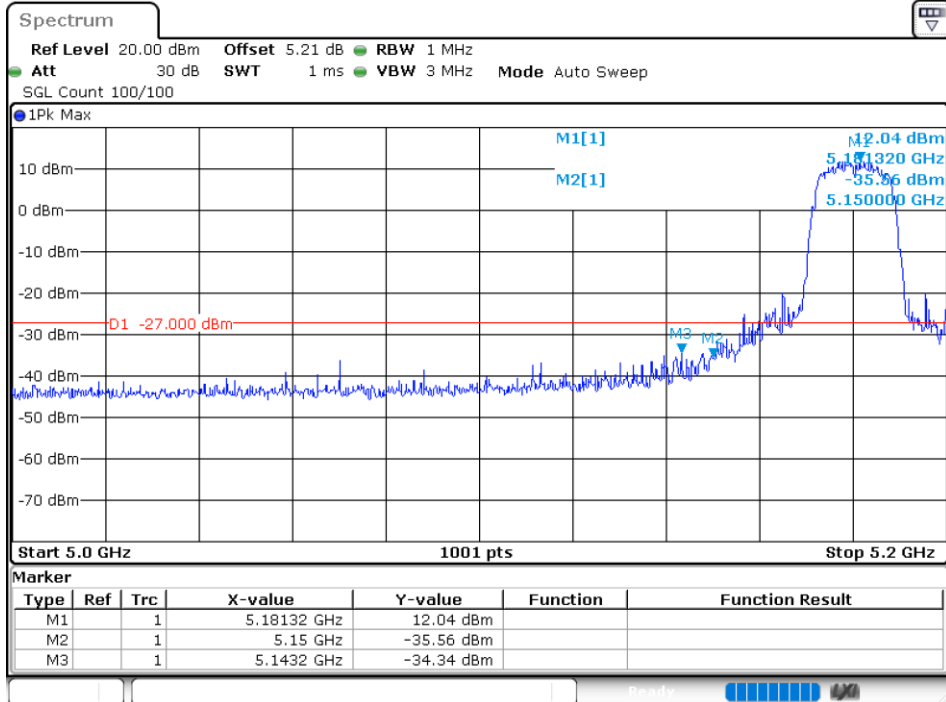


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-34.34	-27	Pass
NVNT	a	5240	Ant1	-40.74	-27	Pass
NVNT	n20	5180	Ant1	-32.93	-27	Pass
NVNT	n20	5240	Ant1	-37.55	-27	Pass
NVNT	n40	5190	Ant1	-32.98	-27	Pass
NVNT	n40	5230	Ant1	-42.14	-27	Pass
NVNT	ac20	5180	Ant1	-36.98	-27	Pass
NVNT	ac20	5240	Ant1	-39.92	-27	Pass
NVNT	ac40	5190	Ant1	-39.56	-27	Pass
NVNT	ac40	5230	Ant1	-39.98	-27	Pass
NVNT	ac80	5210	Ant1	-33.82	-27	Pass
NVNT	ac80	5210	Ant1	-41.1	-27	Pass

Test Graphs

Band Edge NVNT a 5180MHz Low Ant1



Band Edge NVNT a 5240MHz High Ant1

