

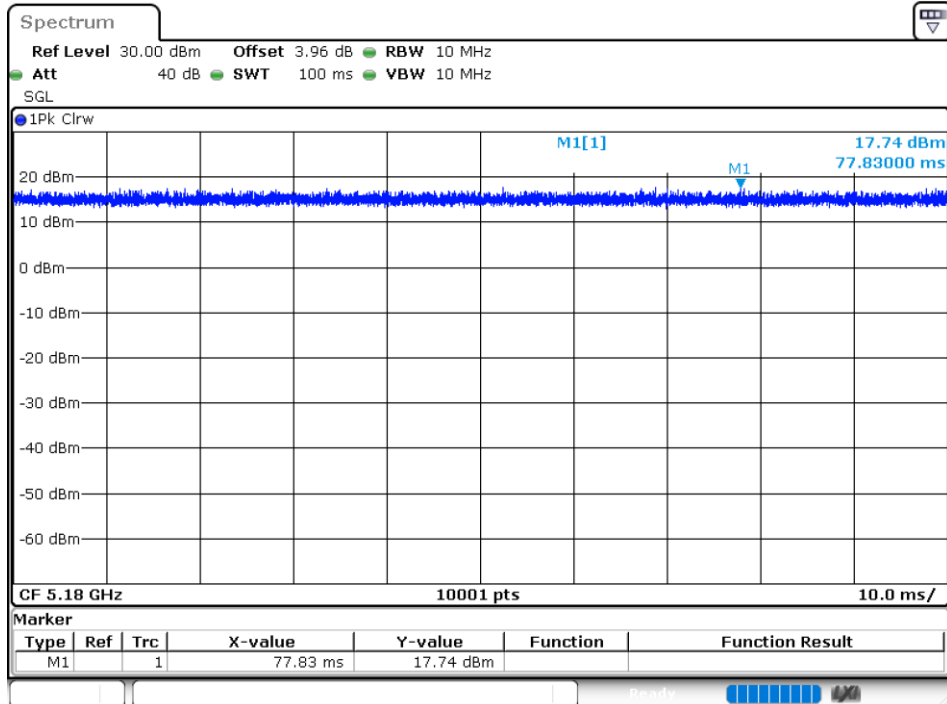
5.2G WIFI:

Duty Cycle

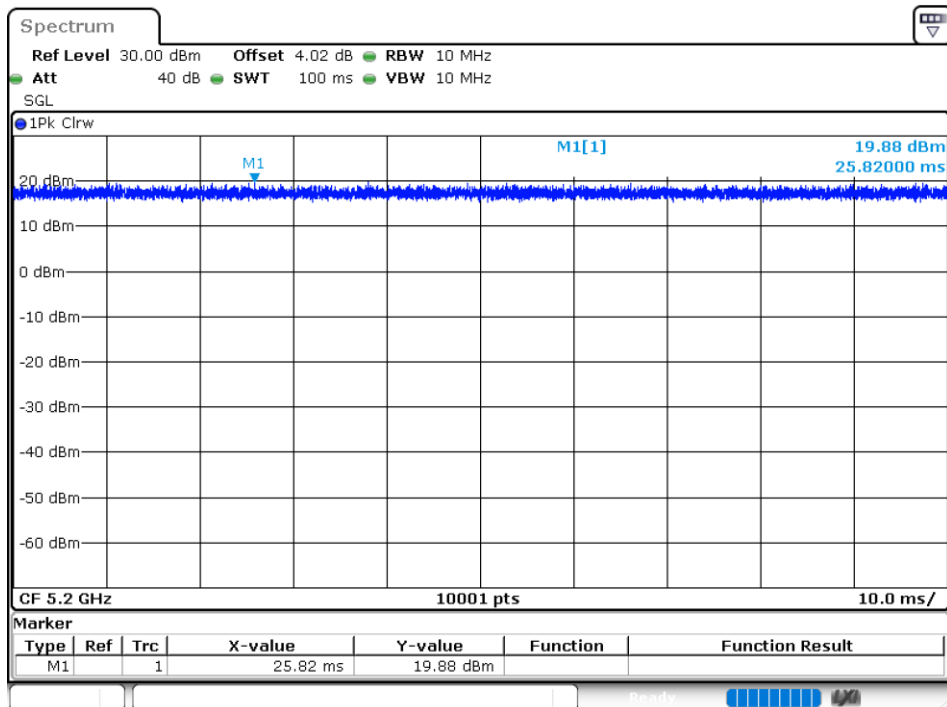
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	100	0	0
NVNT	a	5200	Ant1	100	0	0
NVNT	a	5240	Ant1	100	0	0
NVNT	n20	5180	Ant1	100	0	0
NVNT	n20	5200	Ant1	100	0	0
NVNT	n20	5240	Ant1	100	0	0
NVNT	n40	5190	Ant1	100	0	0
NVNT	n40	5230	Ant1	100	0	0
NVNT	ac20	5180	Ant1	100	0	0
NVNT	ac20	5200	Ant1	100	0	0
NVNT	ac20	5240	Ant1	100	0	0
NVNT	ac40	5190	Ant1	100	0	0
NVNT	ac40	5230	Ant1	100	0	0
NVNT	ac80	5210	Ant1	100	0	0
NVNT	ax20	5180	Ant1	100	0	0
NVNT	ax20	5200	Ant1	100	0	0
NVNT	ax20	5240	Ant1	100	0	0
NVNT	ax40	5190	Ant1	100	0	0
NVNT	ax40	5230	Ant1	100	0	0
NVNT	ax80	5210	Ant1	100	0	0

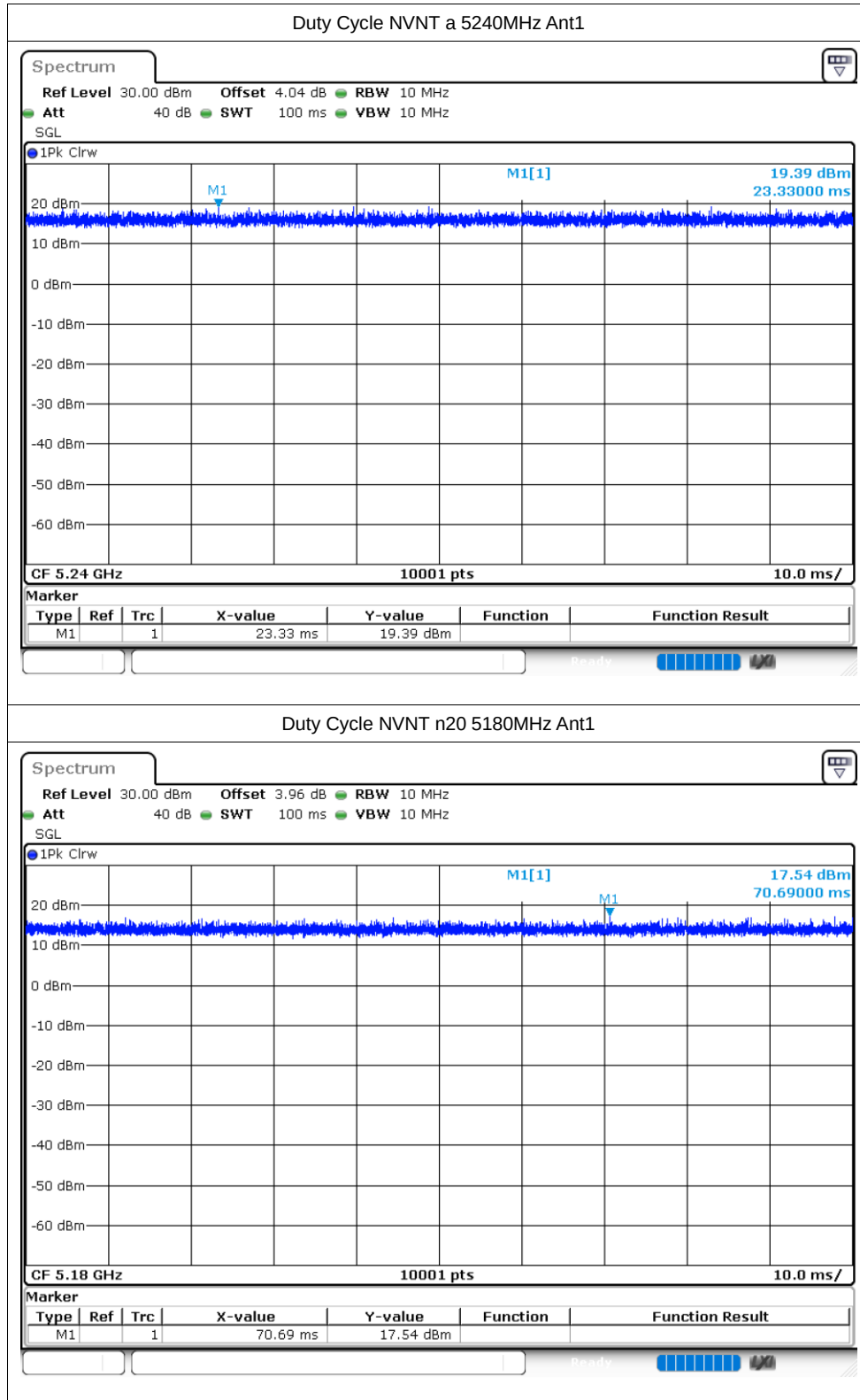
Test Graphs

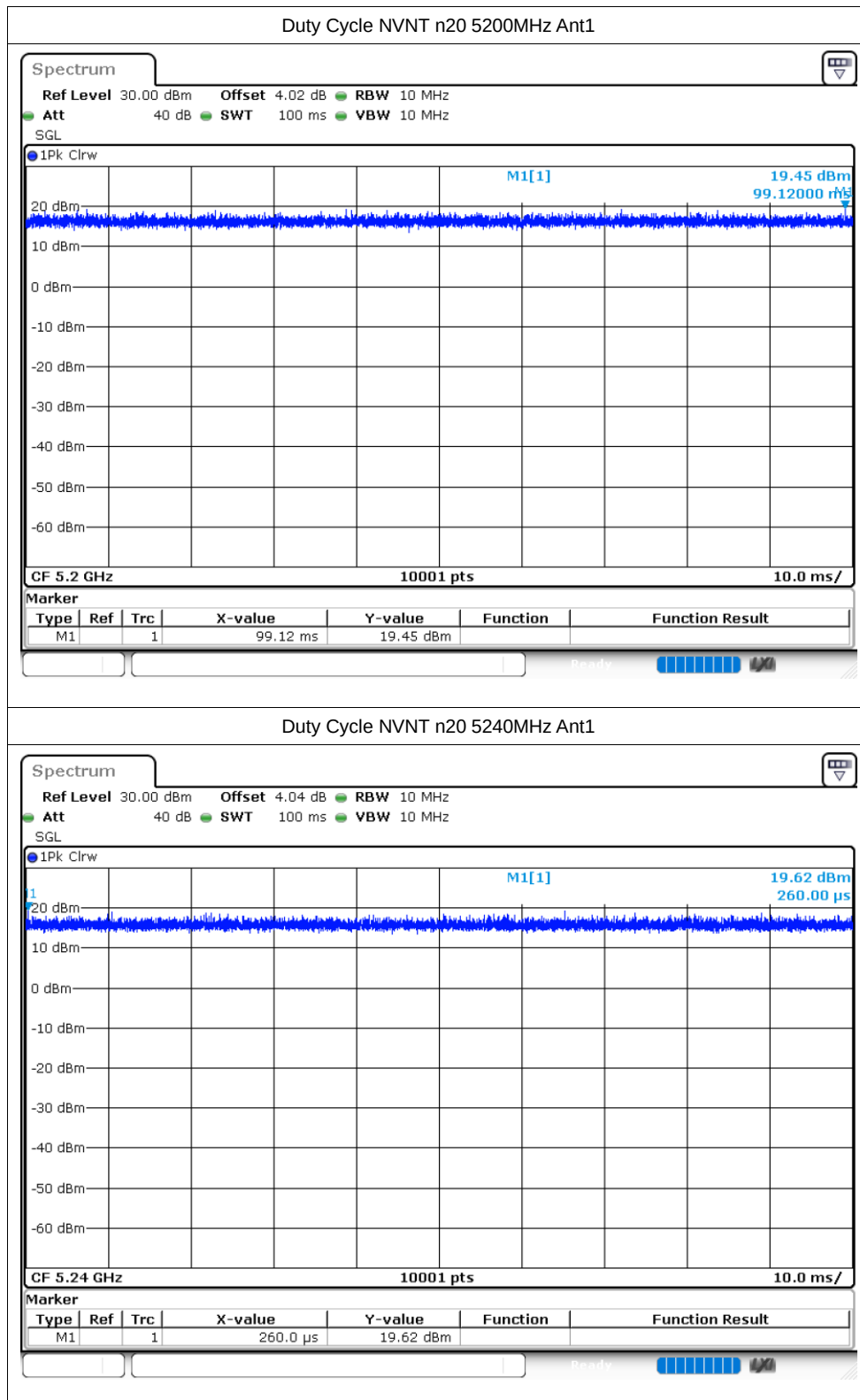
Duty Cycle NVNT a 5180MHz Ant1

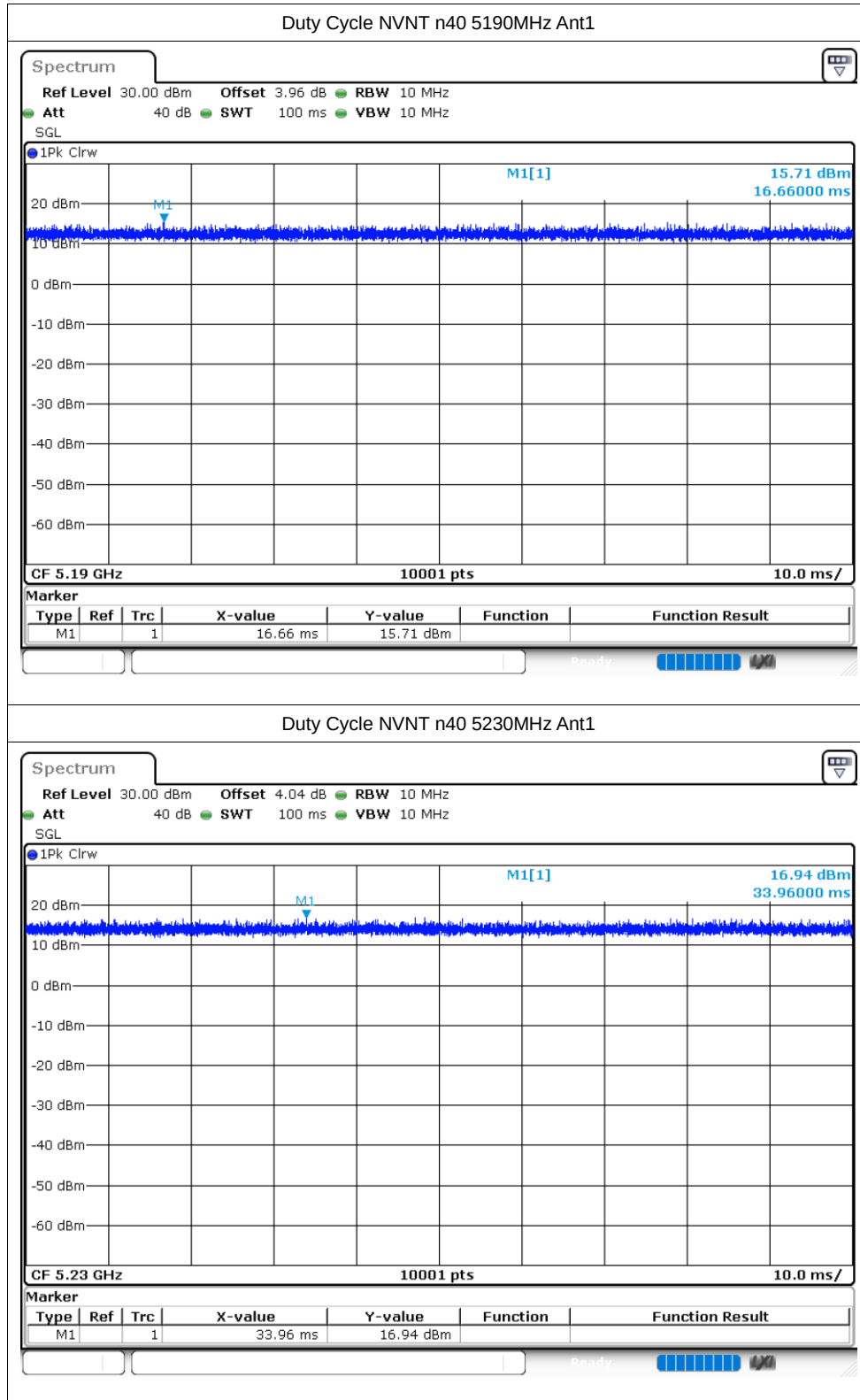


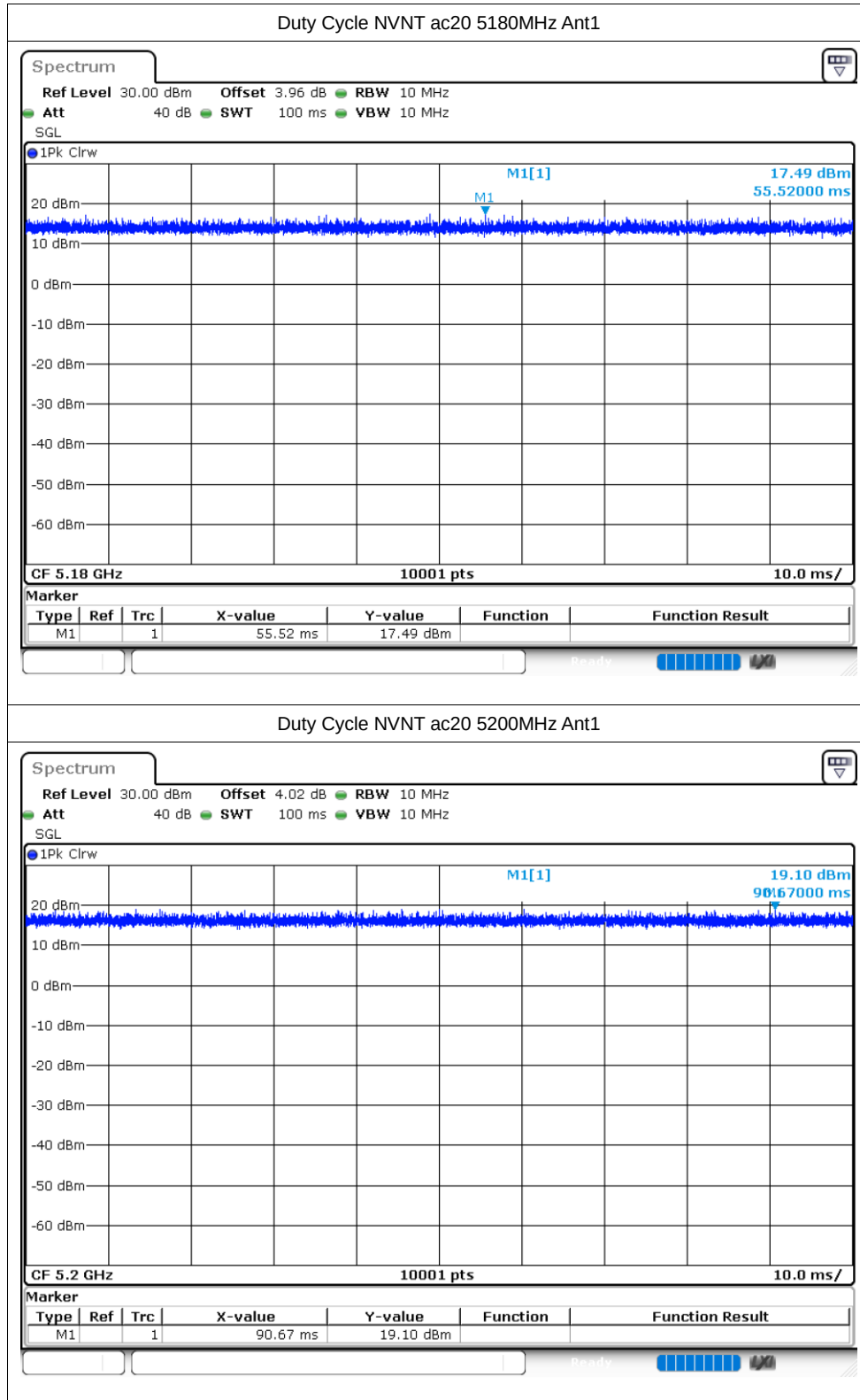
Duty Cycle NVNT a 5200MHz Ant1

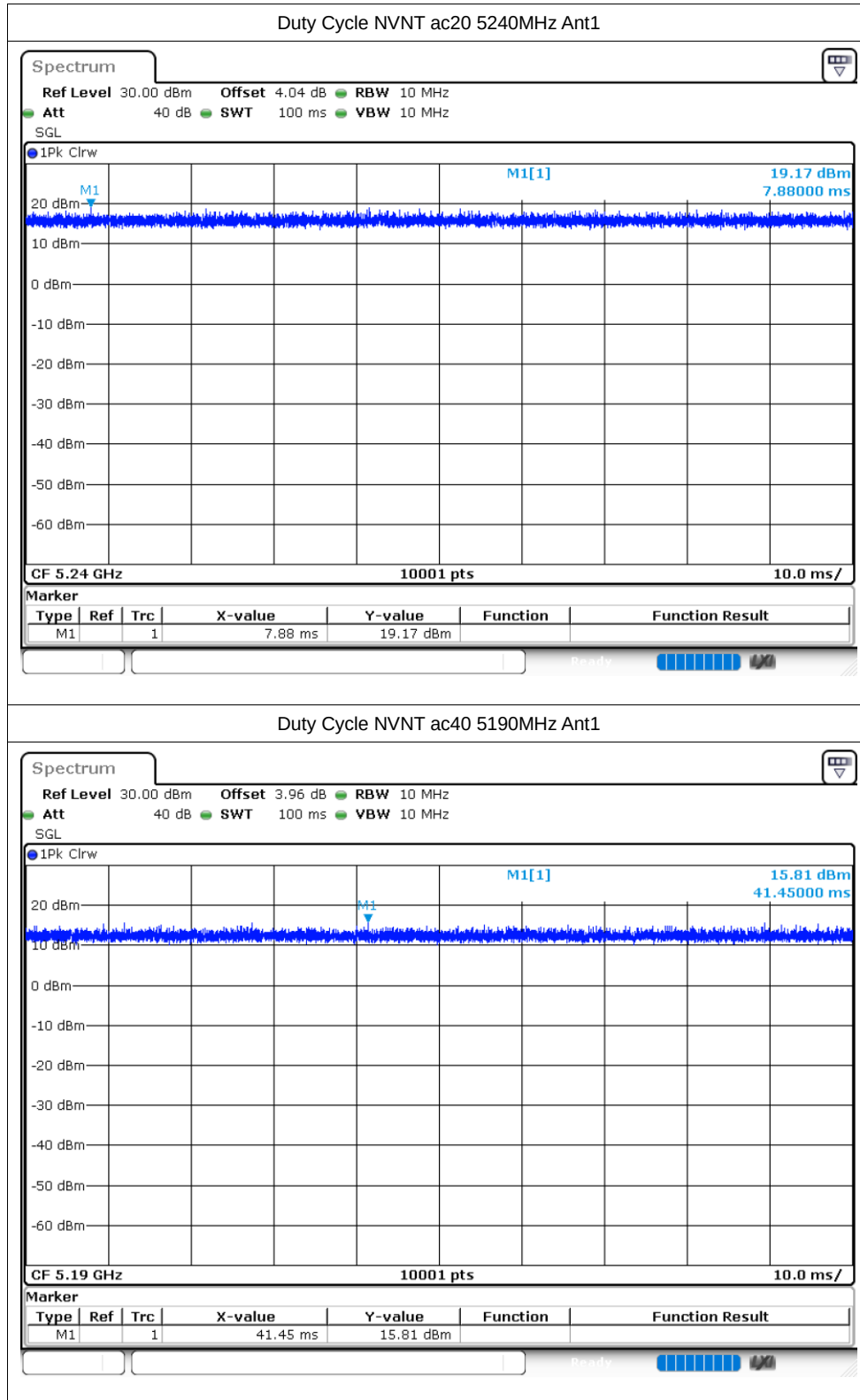


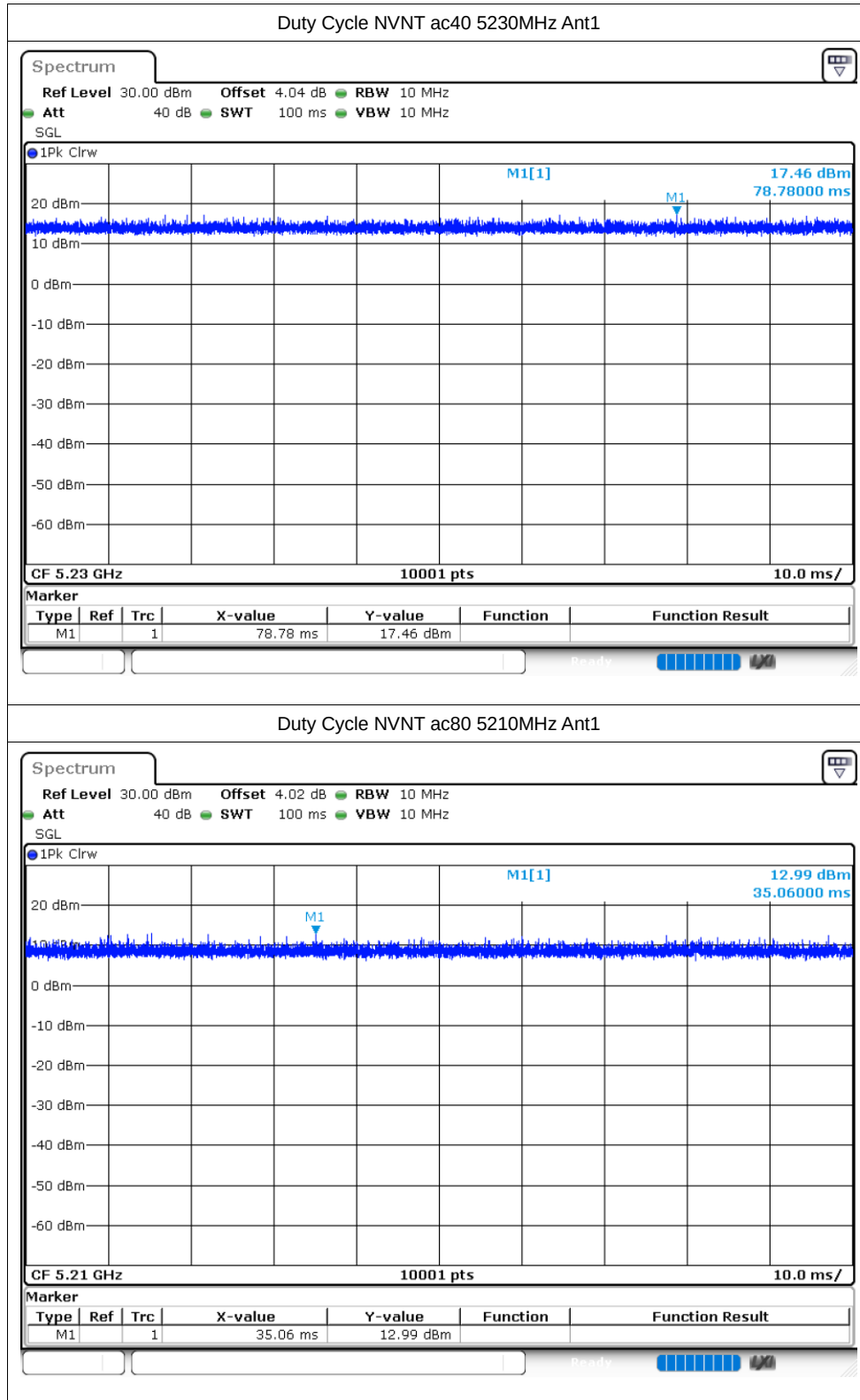


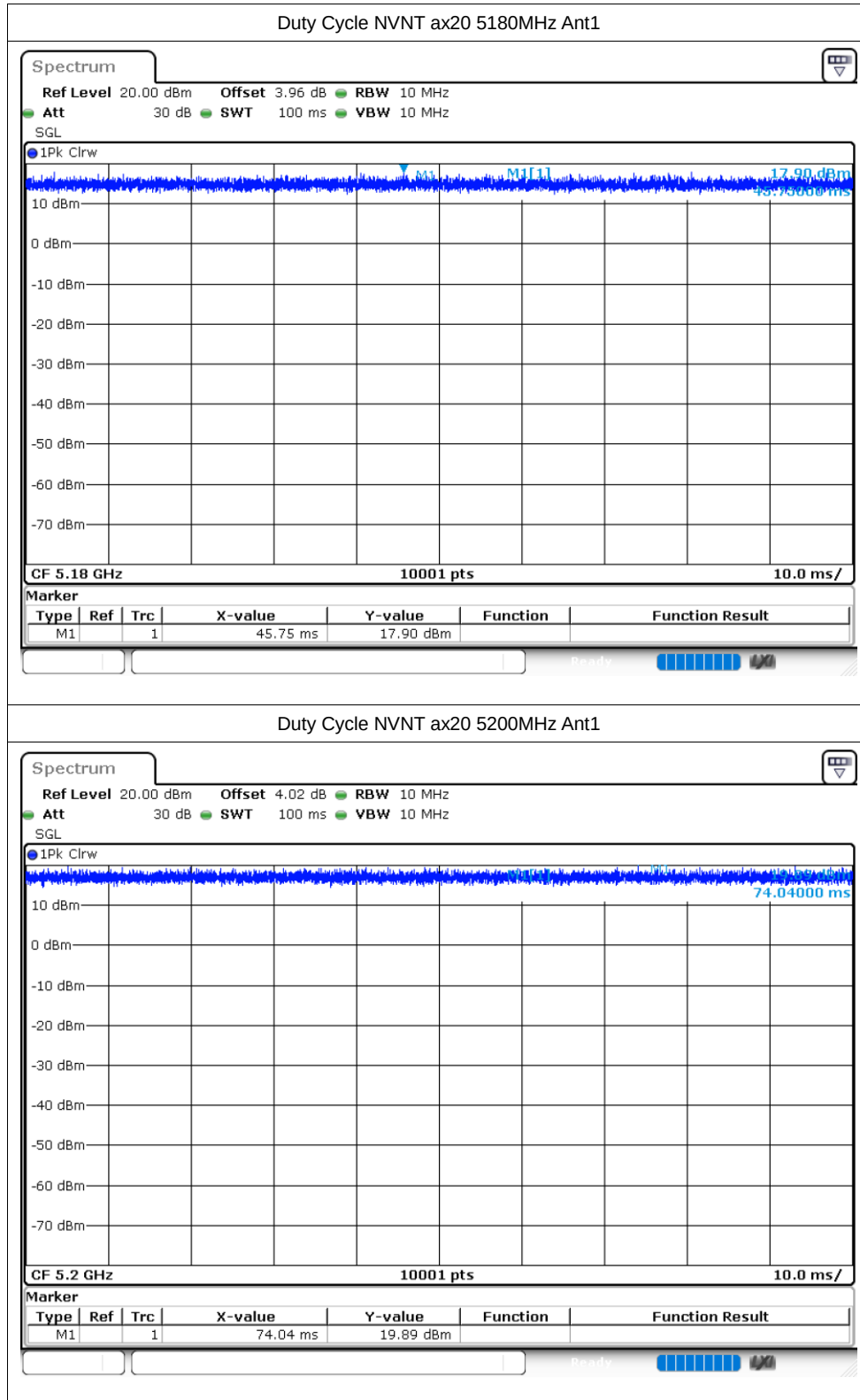


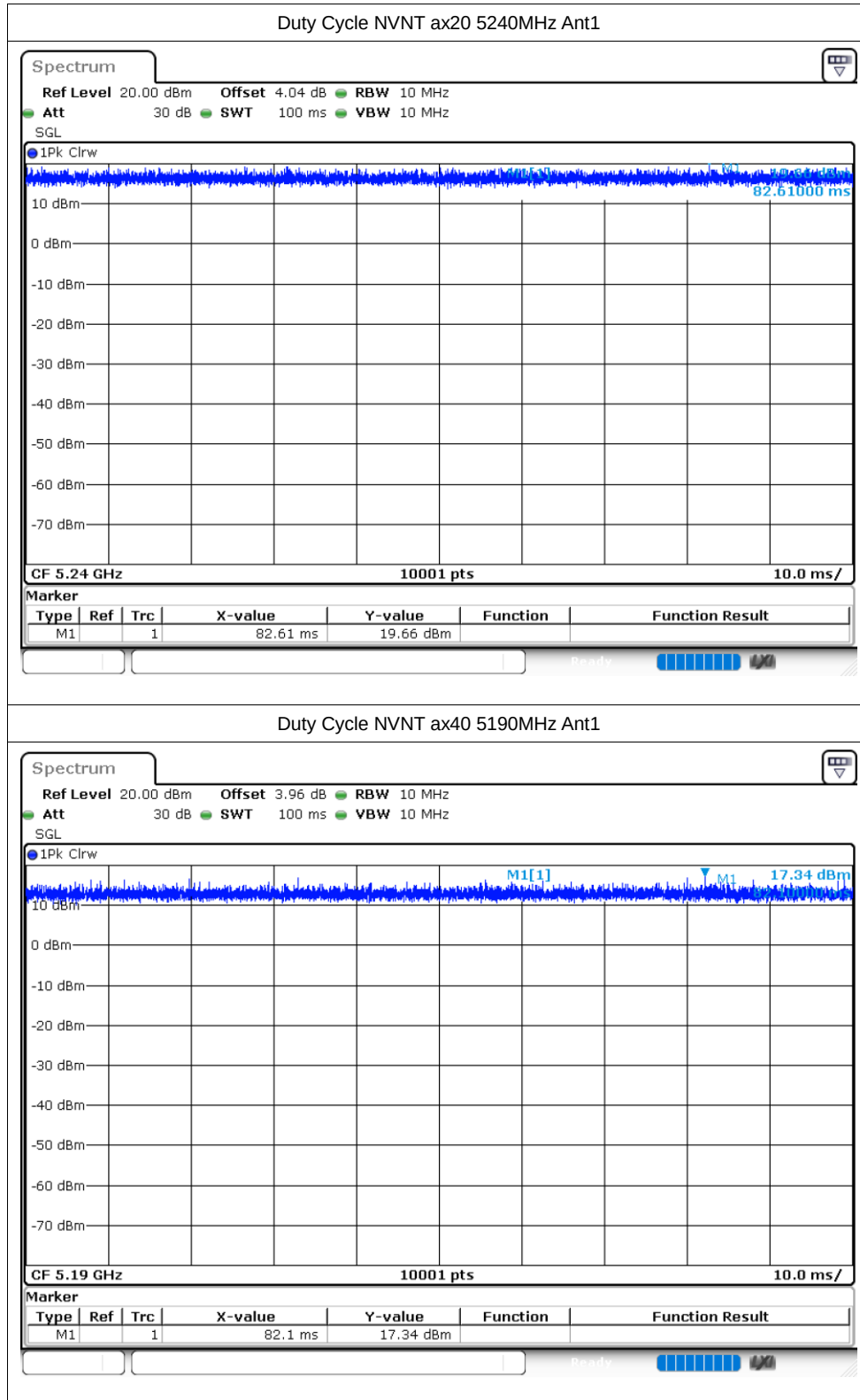


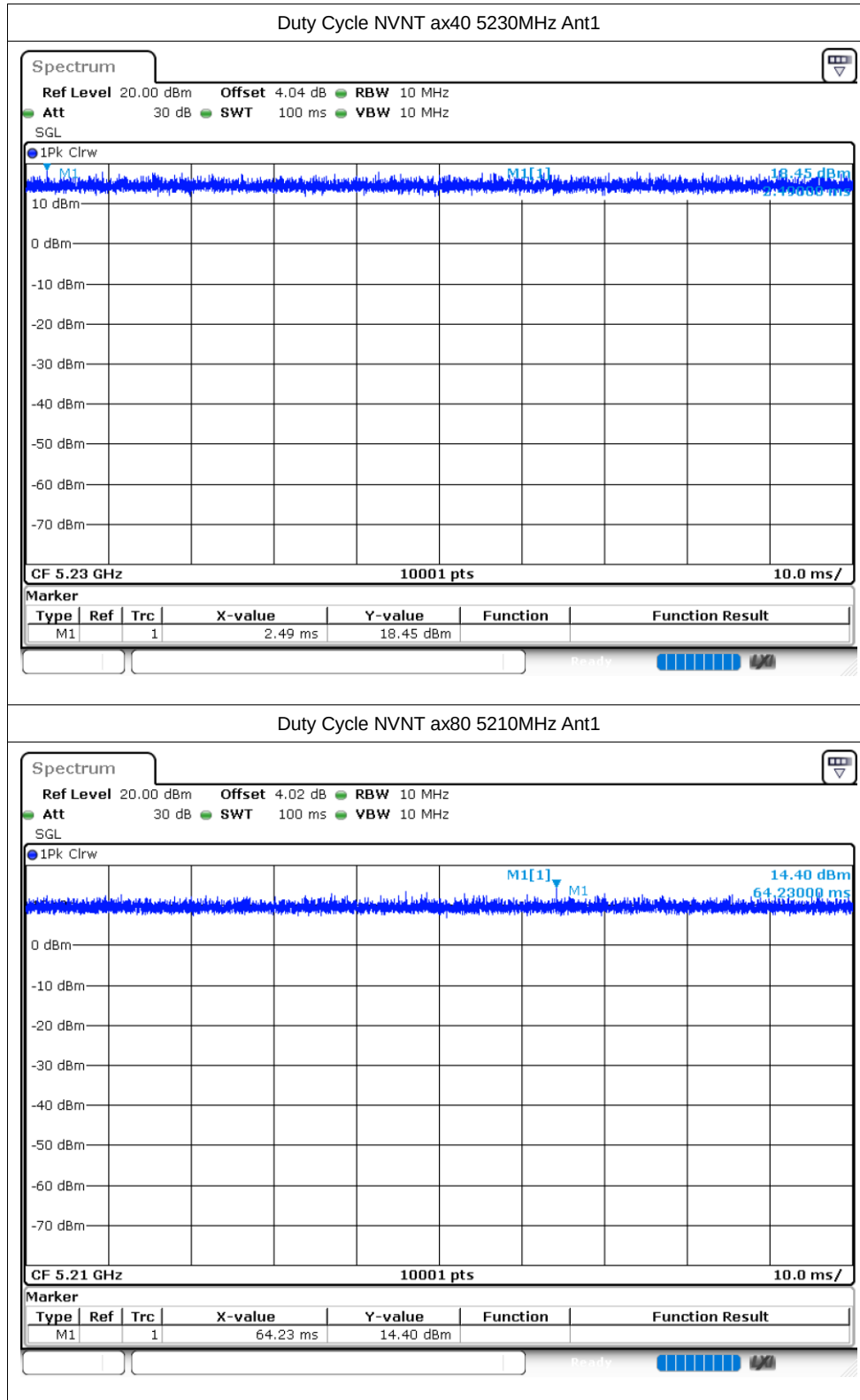












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.78	24	Pass
NVNT	a	5200	Ant1	12.7	24	Pass
NVNT	a	5240	Ant1	11.86	24	Pass
NVNT	n20	5180	Ant1	10.67	24	Pass
NVNT	n20	5200	Ant1	11.61	24	Pass
NVNT	n20	5240	Ant1	11.82	24	Pass
NVNT	n40	5190	Ant1	10.42	24	Pass
NVNT	n40	5230	Ant1	11.63	24	Pass
NVNT	ac20	5180	Ant1	10.68	24	Pass
NVNT	ac20	5200	Ant1	11.66	24	Pass
NVNT	ac20	5240	Ant1	11.72	24	Pass
NVNT	ac40	5190	Ant1	10.38	24	Pass
NVNT	ac40	5230	Ant1	11.62	24	Pass
NVNT	ac80	5210	Ant1	10.64	24	Pass
NVNT	ax20	5180	Ant1	11.09	24	Pass
NVNT	ax20	5200	Ant1	11.85	24	Pass
NVNT	ax20	5240	Ant1	11.91	24	Pass
NVNT	ax40	5190	Ant1	10.67	24	Pass
NVNT	ax40	5230	Ant1	11.95	24	Pass
NVNT	ax80	5210	Ant1	11.23	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.911	Pass
NVNT	a	5200	Ant1	19.422	Pass
NVNT	a	5240	Ant1	19.731	Pass
NVNT	n20	5180	Ant1	20.412	Pass
NVNT	n20	5200	Ant1	20.073	Pass
NVNT	n20	5240	Ant1	20.016	Pass
NVNT	n40	5190	Ant1	40.548	Pass
NVNT	n40	5230	Ant1	40.302	Pass
NVNT	ac20	5180	Ant1	19.995	Pass
NVNT	ac20	5200	Ant1	19.8	Pass
NVNT	ac20	5240	Ant1	19.974	Pass
NVNT	ac40	5190	Ant1	40.44	Pass
NVNT	ac40	5230	Ant1	40.44	Pass
NVNT	ac80	5210	Ant1	80.124	Pass
NVNT	ax20	5180	Ant1	19.842	Pass
NVNT	ax20	5200	Ant1	19.842	Pass
NVNT	ax20	5240	Ant1	19.821	Pass
NVNT	ax40	5190	Ant1	39.564	Pass
NVNT	ax40	5230	Ant1	39.54	Pass
NVNT	ax80	5210	Ant1	80.436	Pass

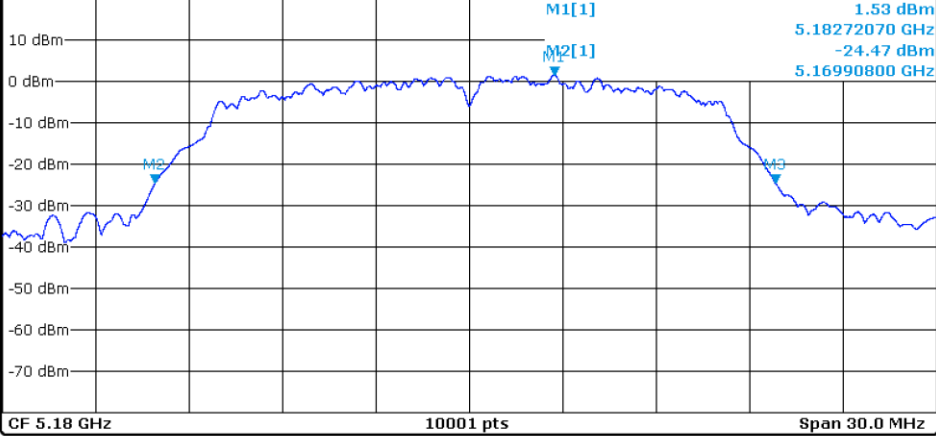
Test Graphs

-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

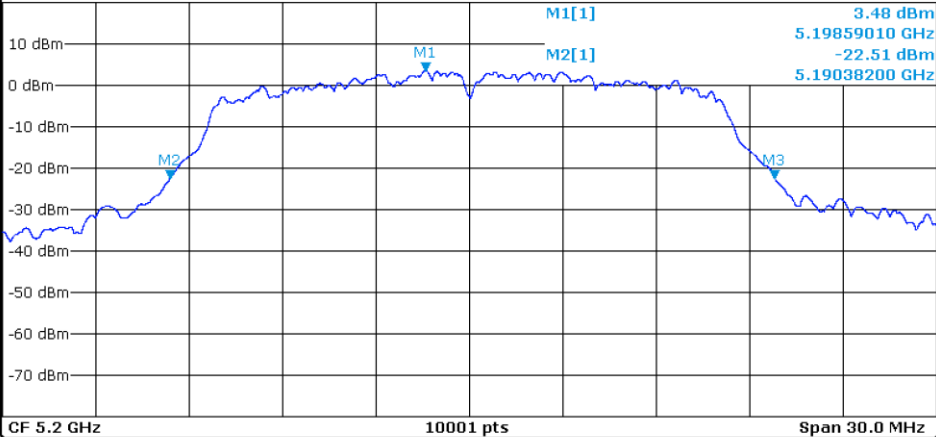


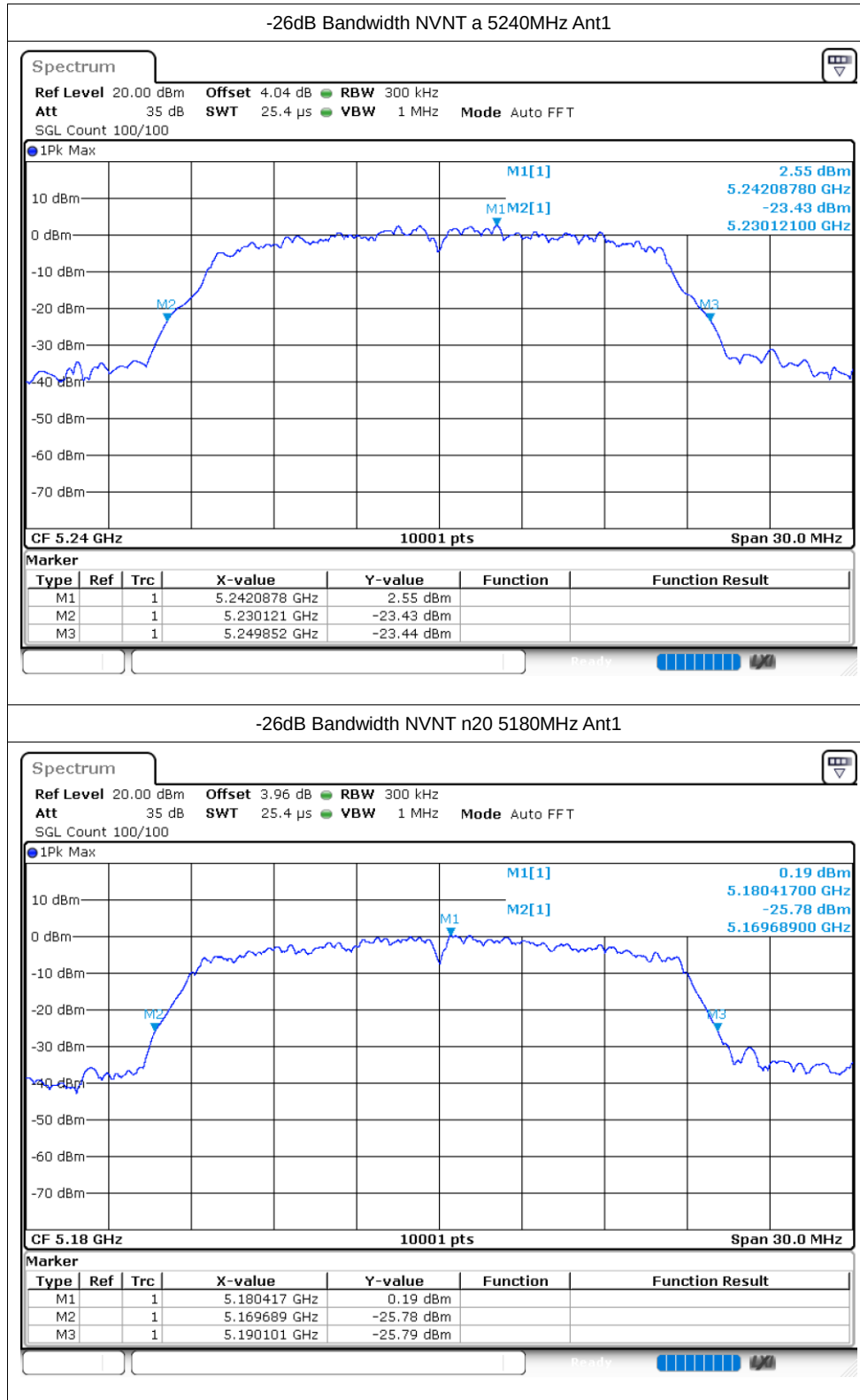
-26dB Bandwidth NVNT a 5200MHz Ant1

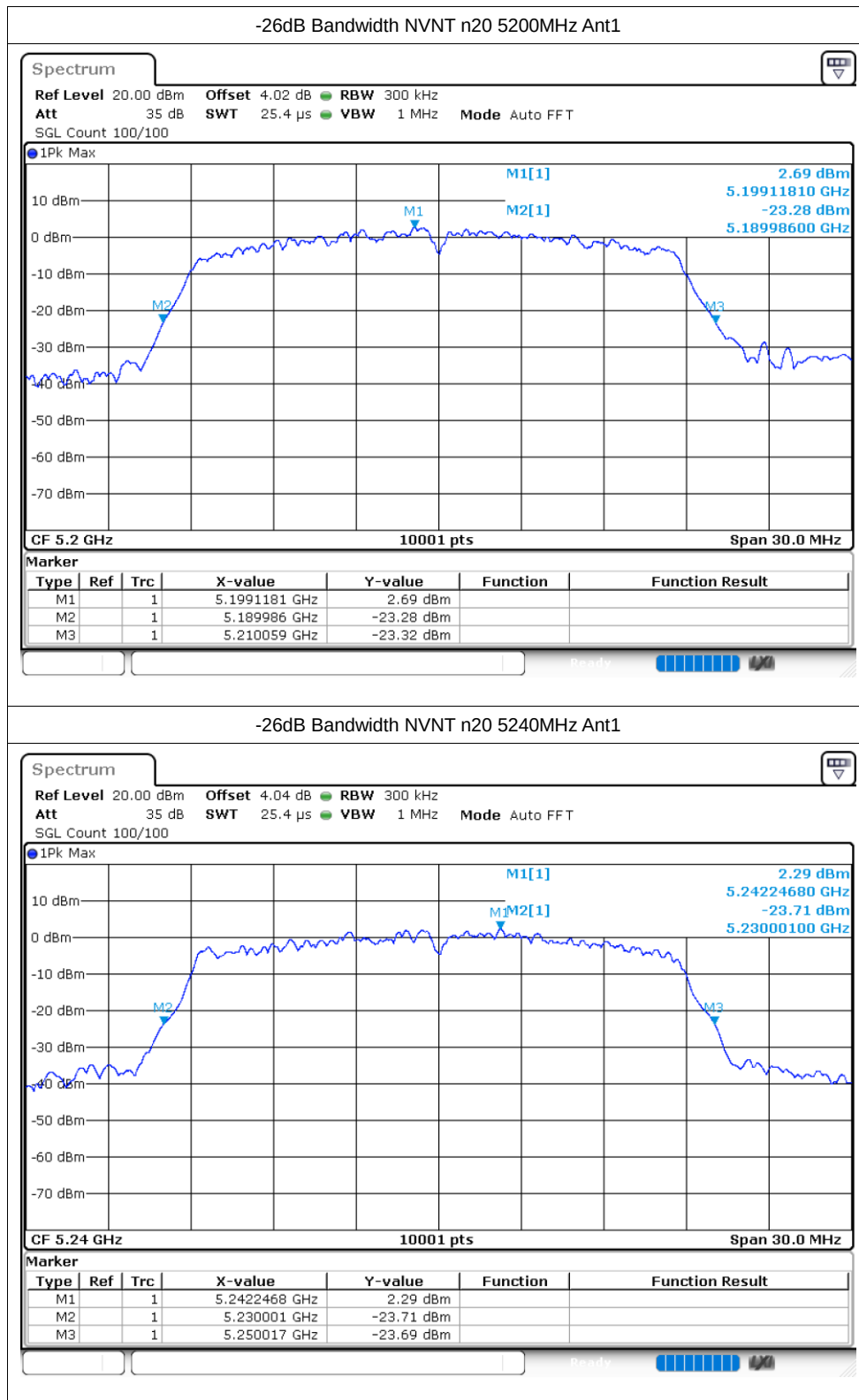
Spectrum

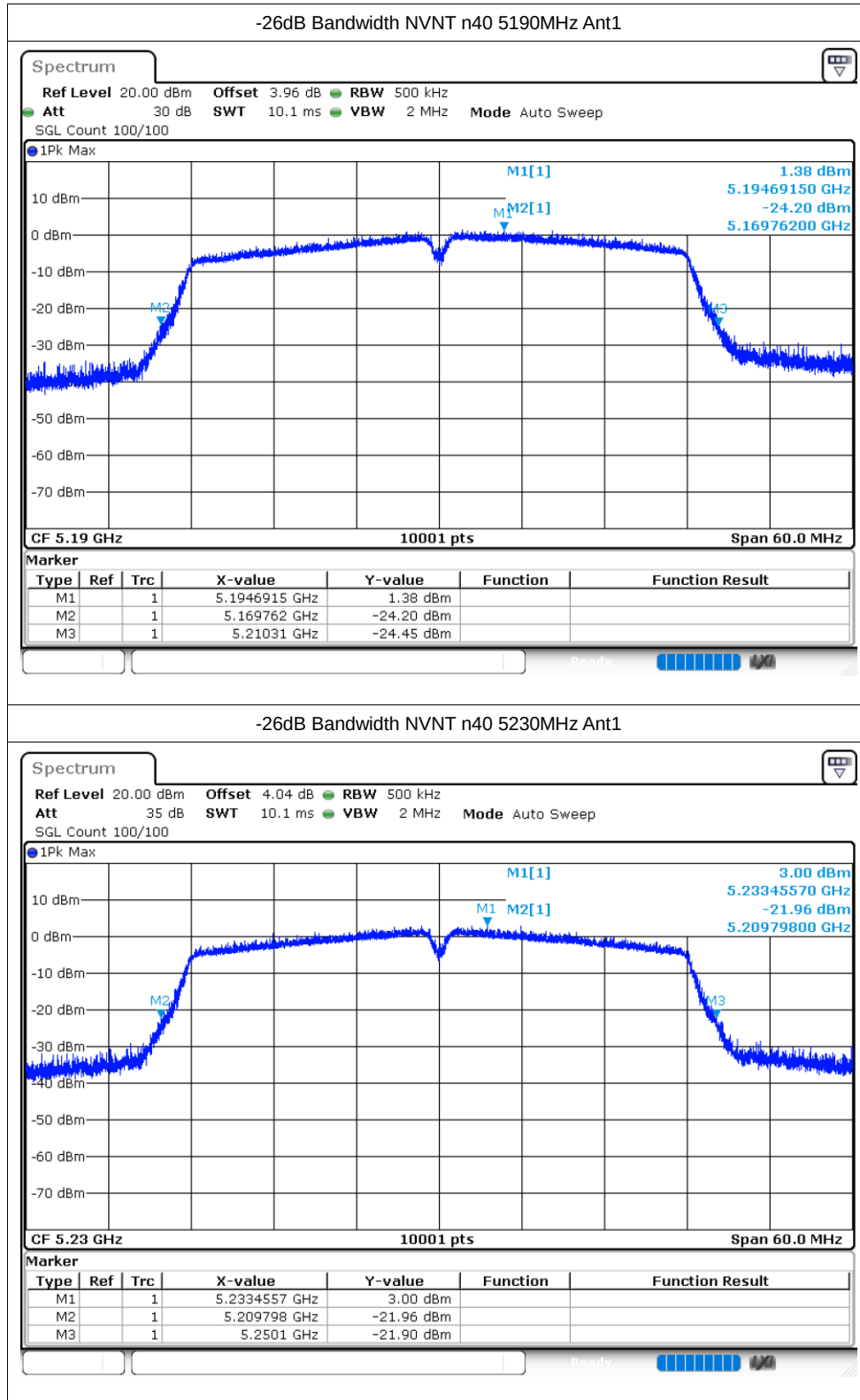
Ref Level 20.00 dBm Offset 4.02 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

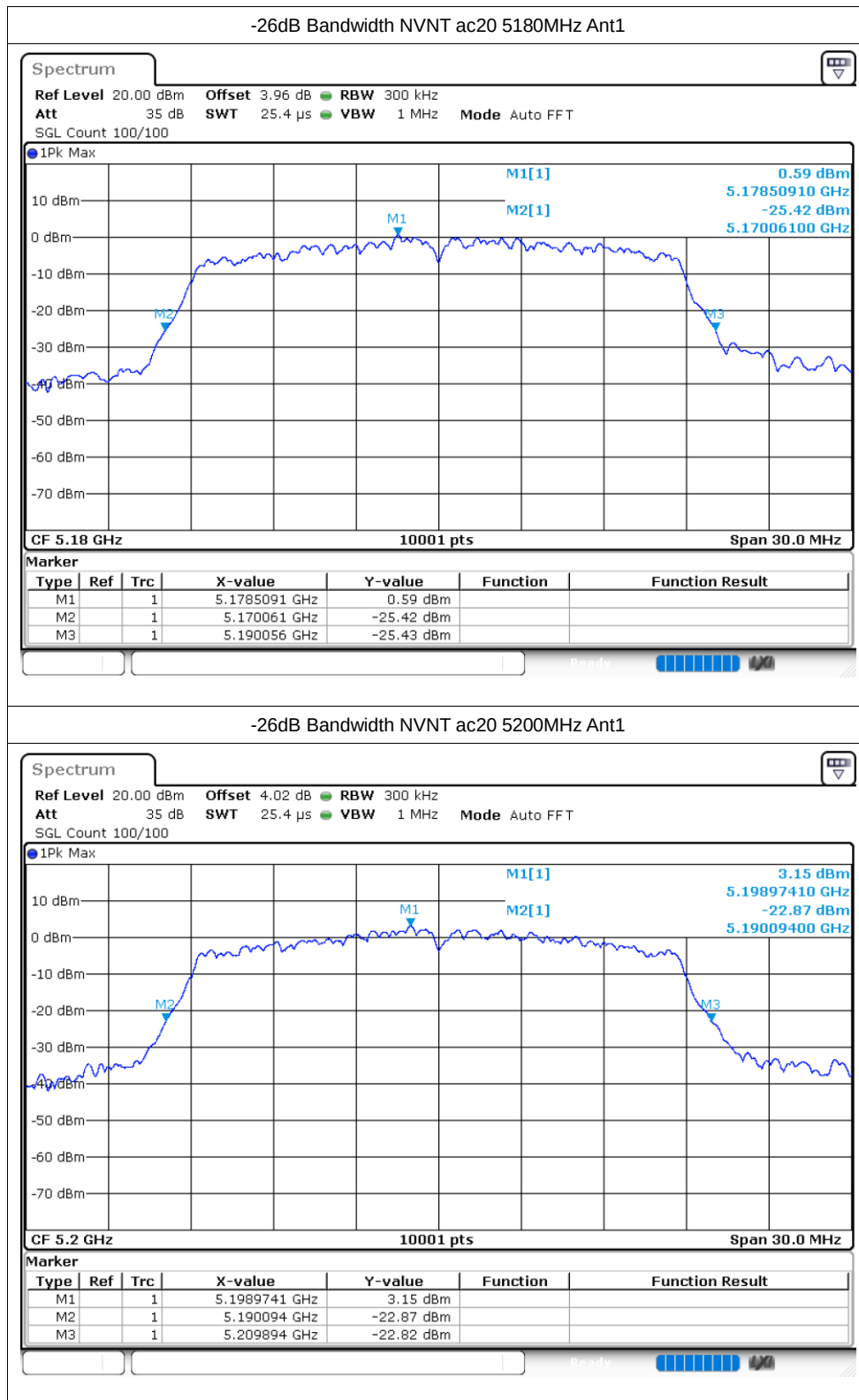
1Pk Max

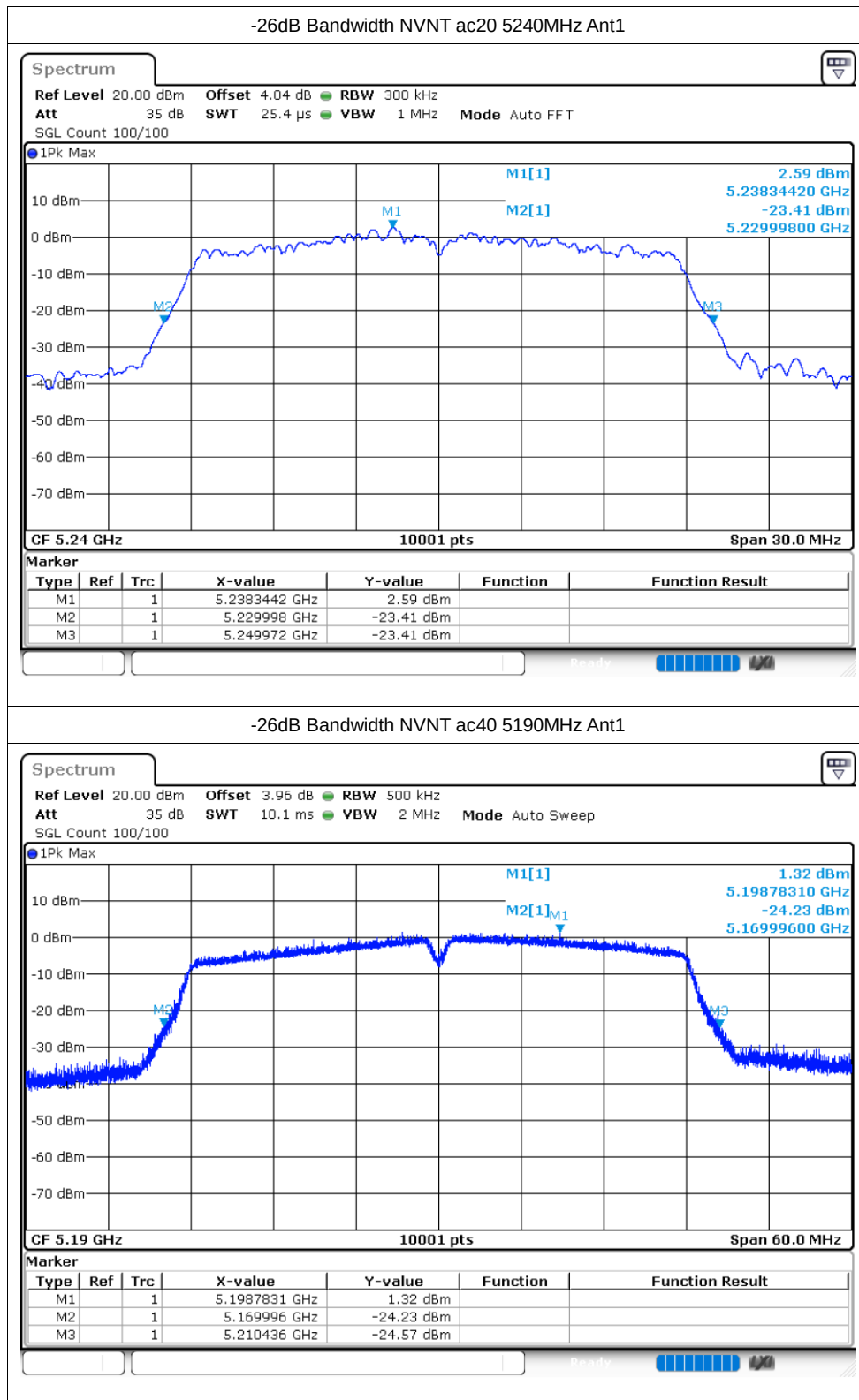


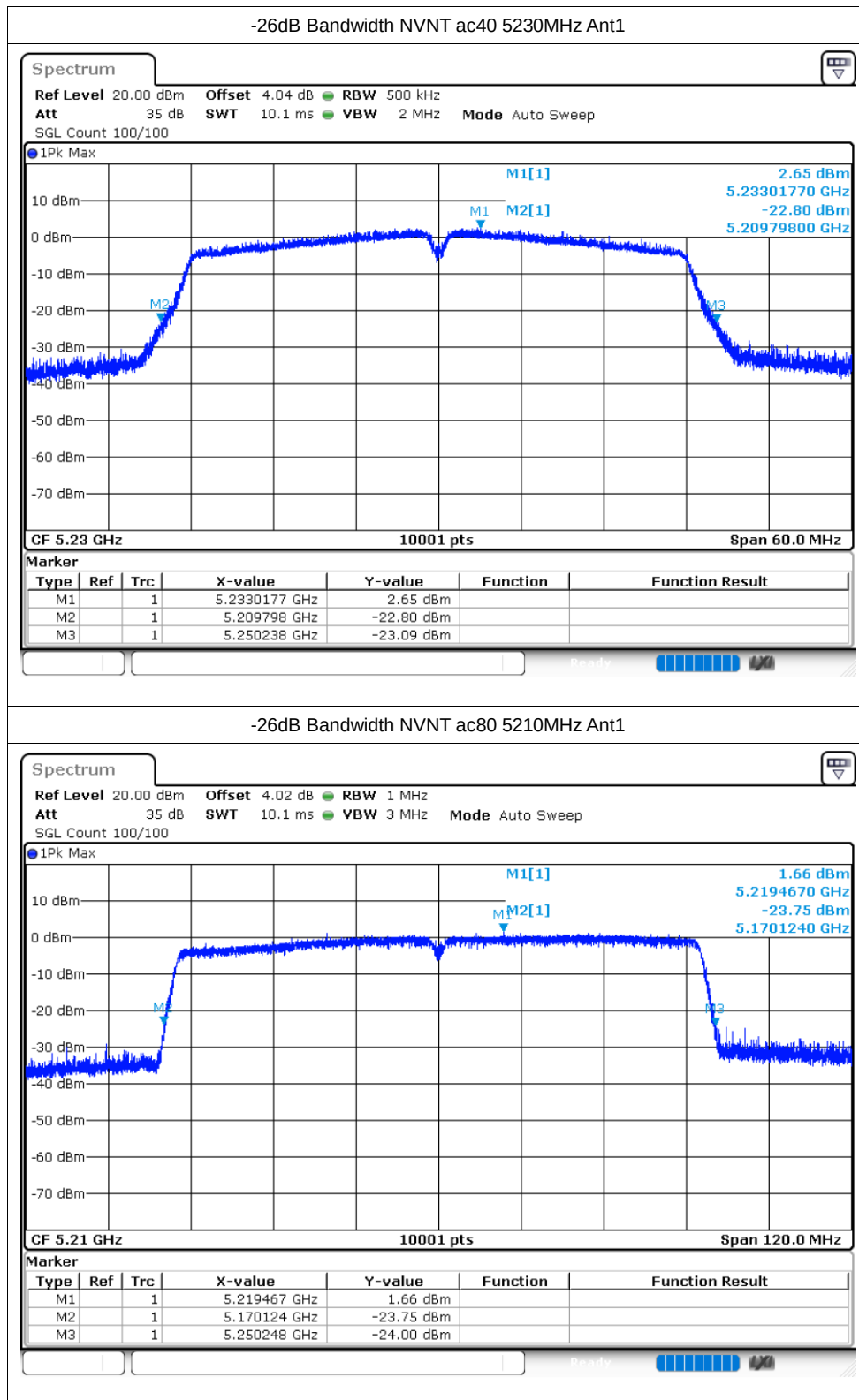


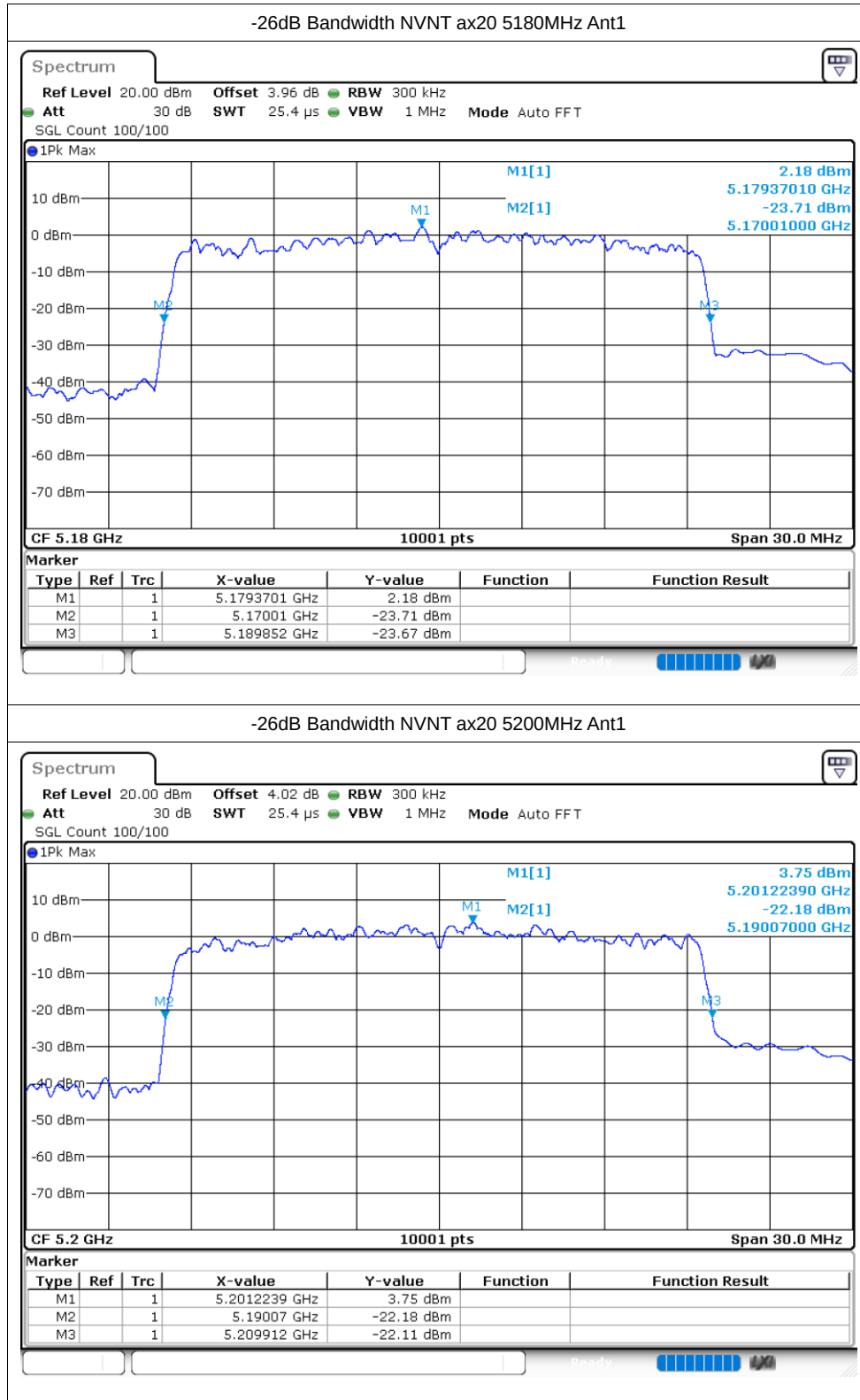


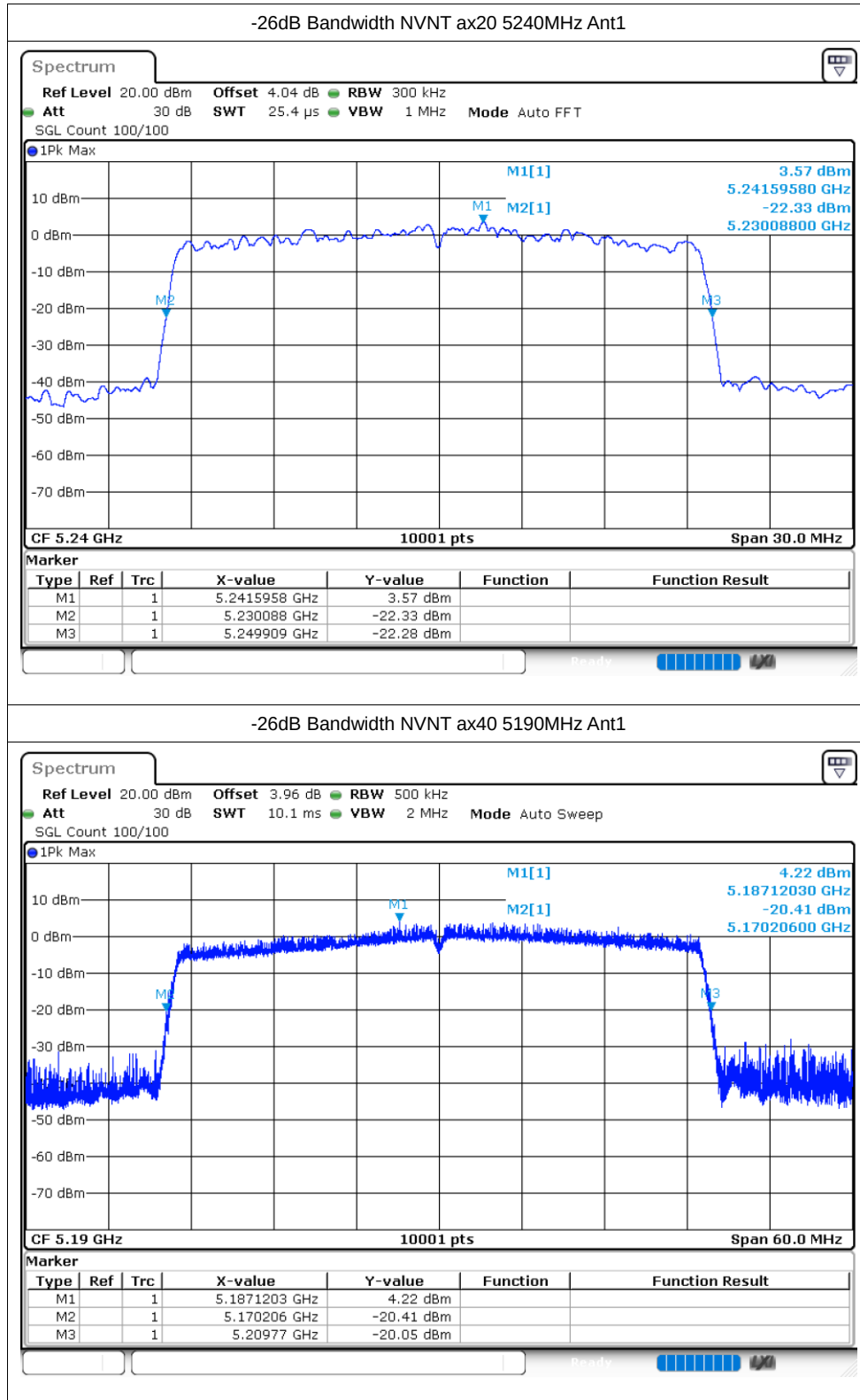


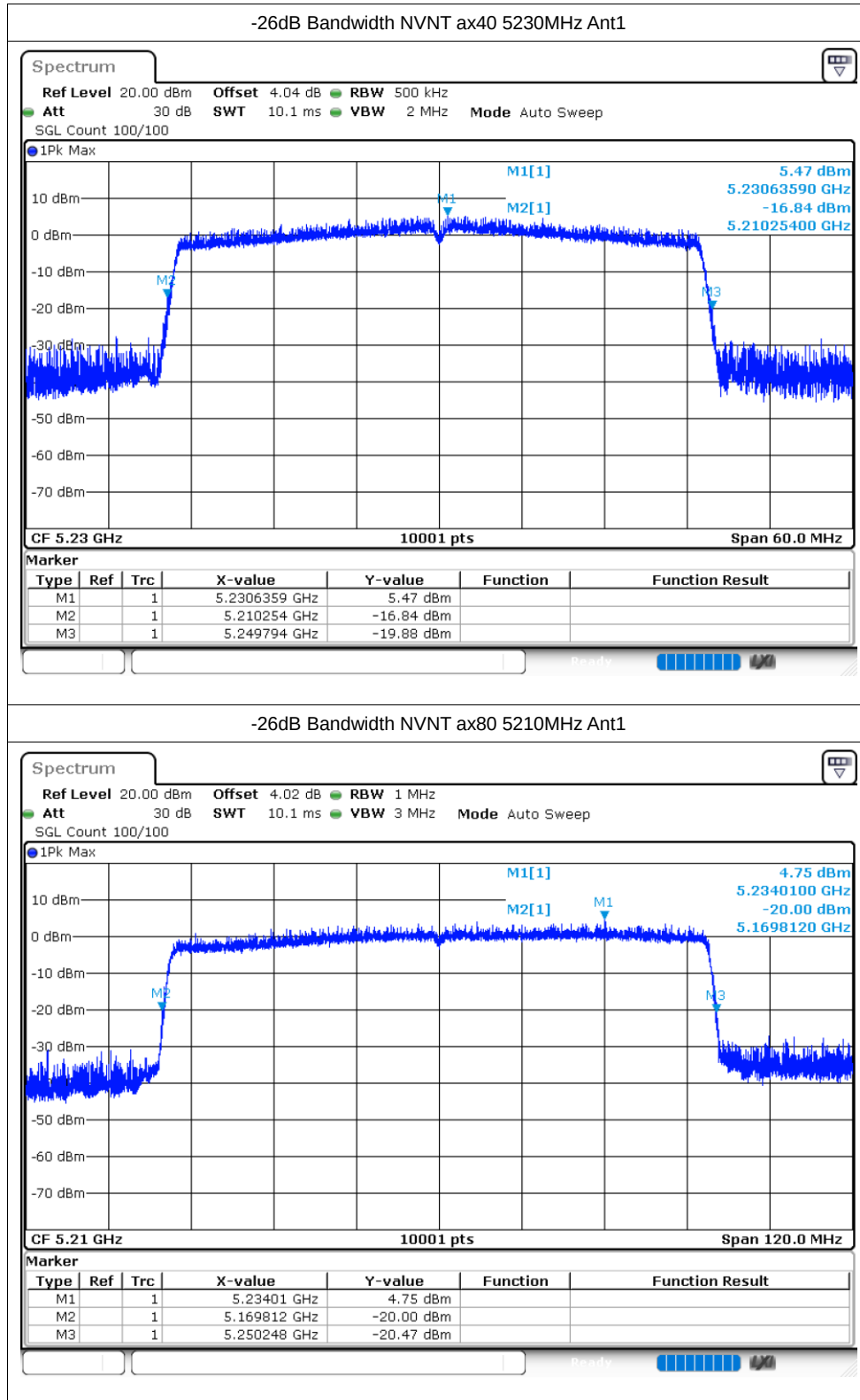










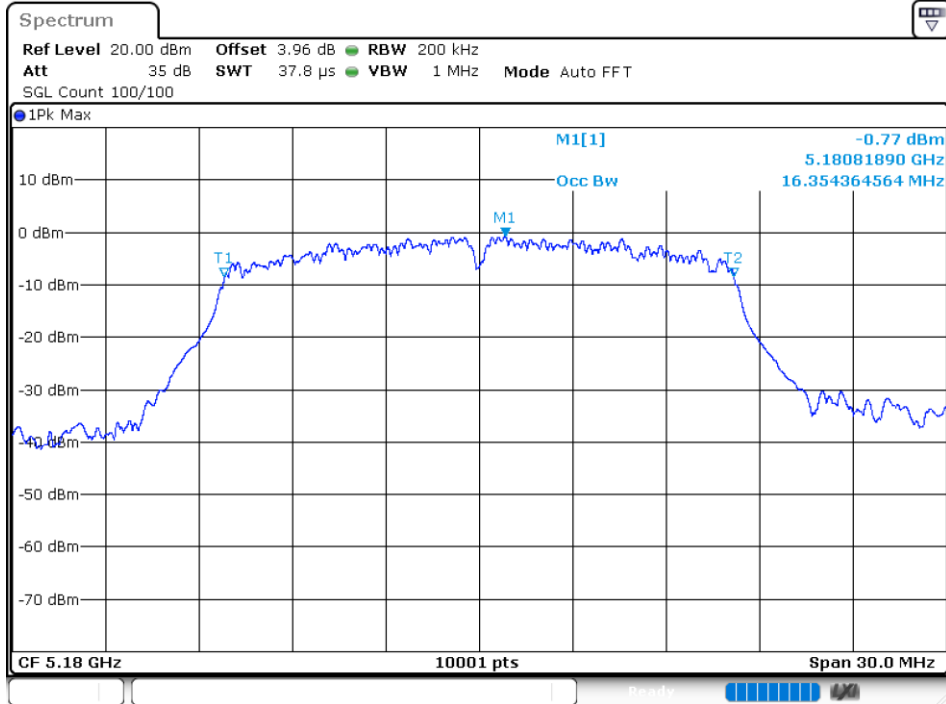


Occupied Channel Bandwidth

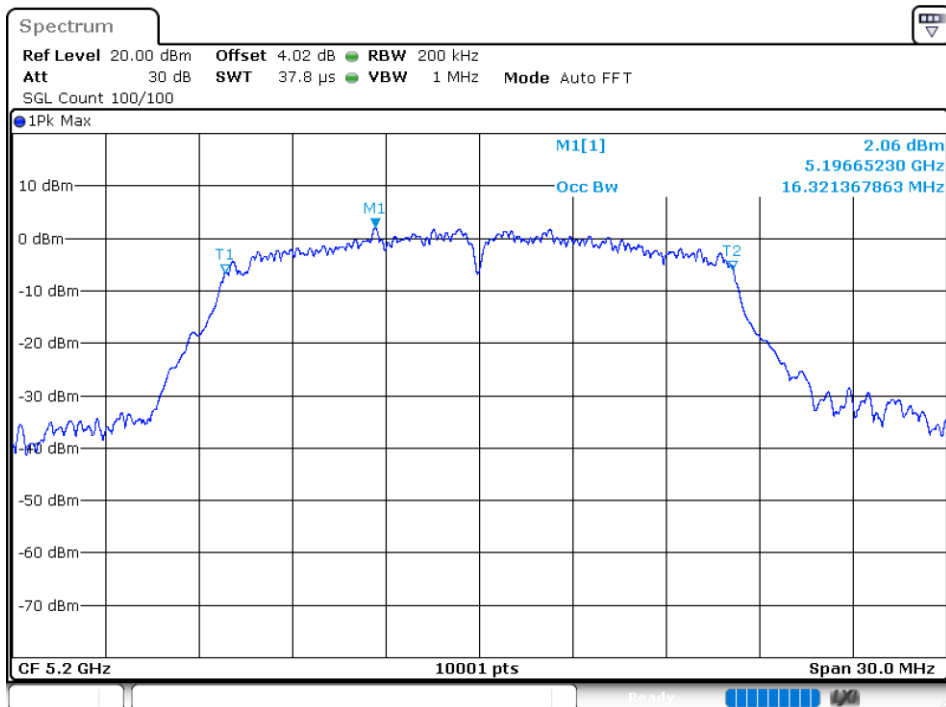
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.354
NVNT	a	5200	Ant1	16.321
NVNT	a	5240	Ant1	16.342
NVNT	n20	5180	Ant1	17.503
NVNT	n20	5200	Ant1	17.47
NVNT	n20	5240	Ant1	17.446
NVNT	n40	5190	Ant1	35.888
NVNT	n40	5230	Ant1	35.852
NVNT	ac20	5180	Ant1	17.428
NVNT	ac20	5200	Ant1	17.428
NVNT	ac20	5240	Ant1	17.509
NVNT	ac40	5190	Ant1	35.876
NVNT	ac40	5230	Ant1	35.876
NVNT	ac80	5210	Ant1	75.304
NVNT	ax20	5180	Ant1	18.709
NVNT	ax20	5200	Ant1	18.652
NVNT	ax20	5240	Ant1	18.709
NVNT	ax40	5190	Ant1	37.442
NVNT	ax40	5230	Ant1	37.442
NVNT	ax80	5210	Ant1	76.936

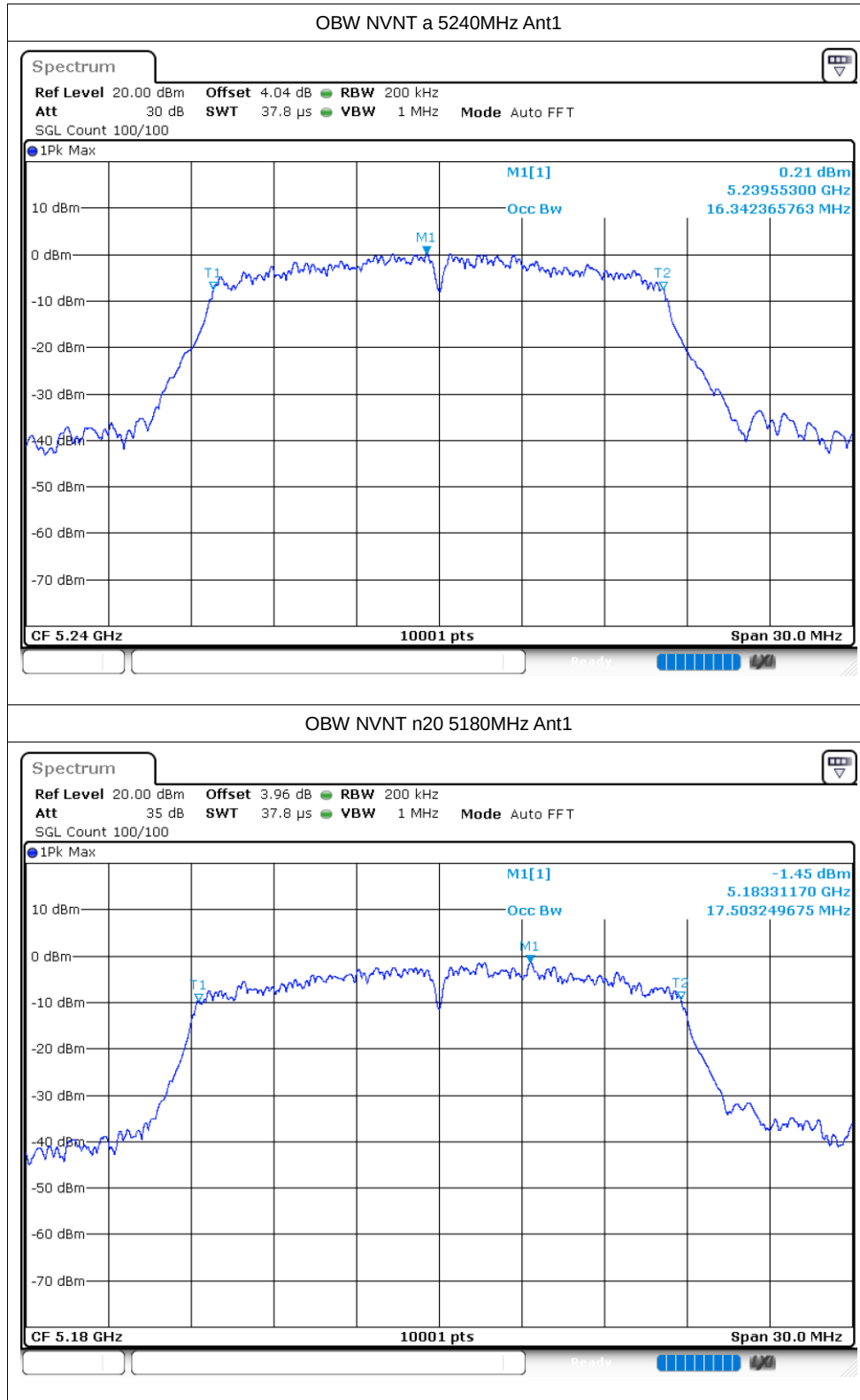
Test Graphs

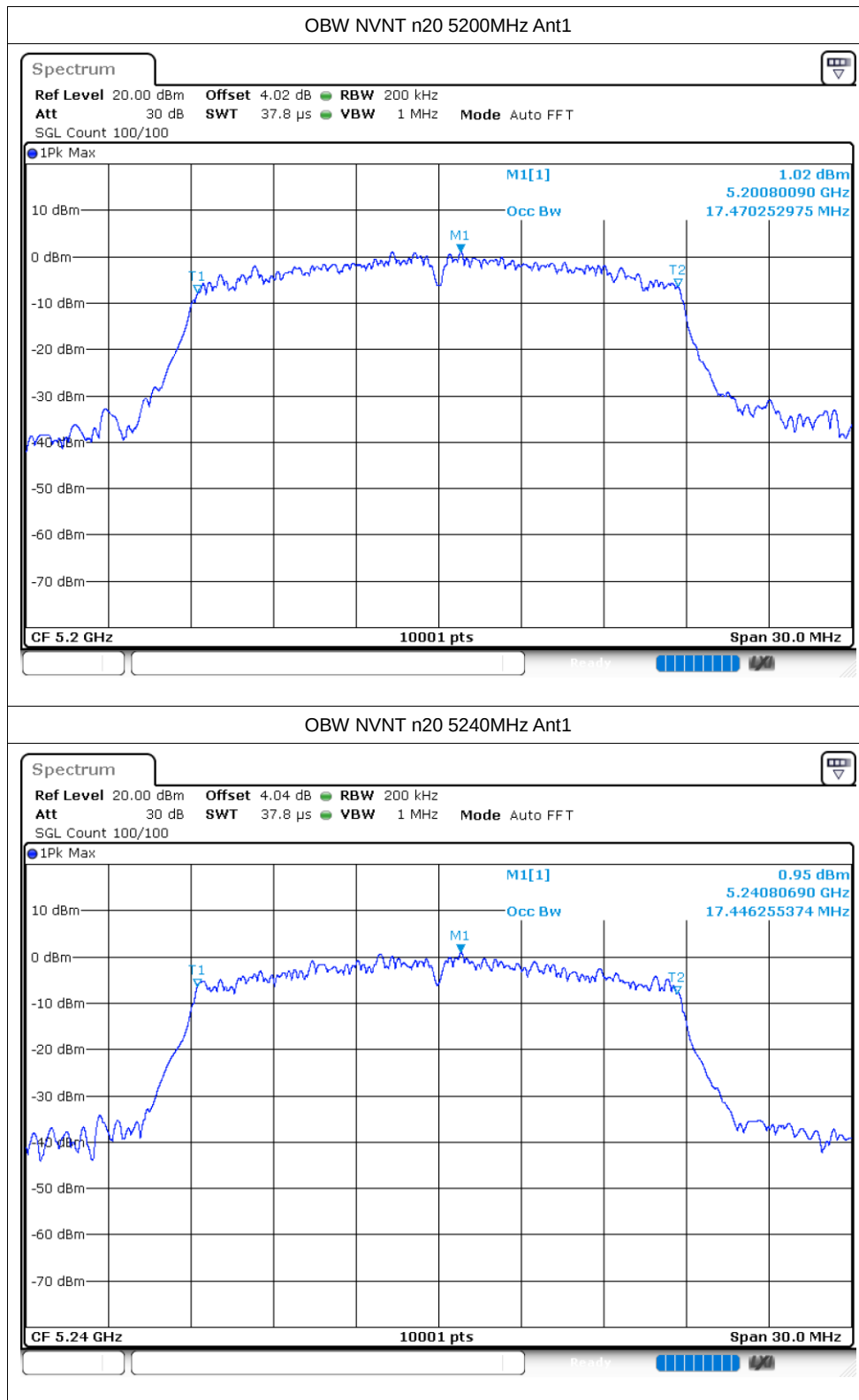
OBW NVNT a 5180MHz Ant1

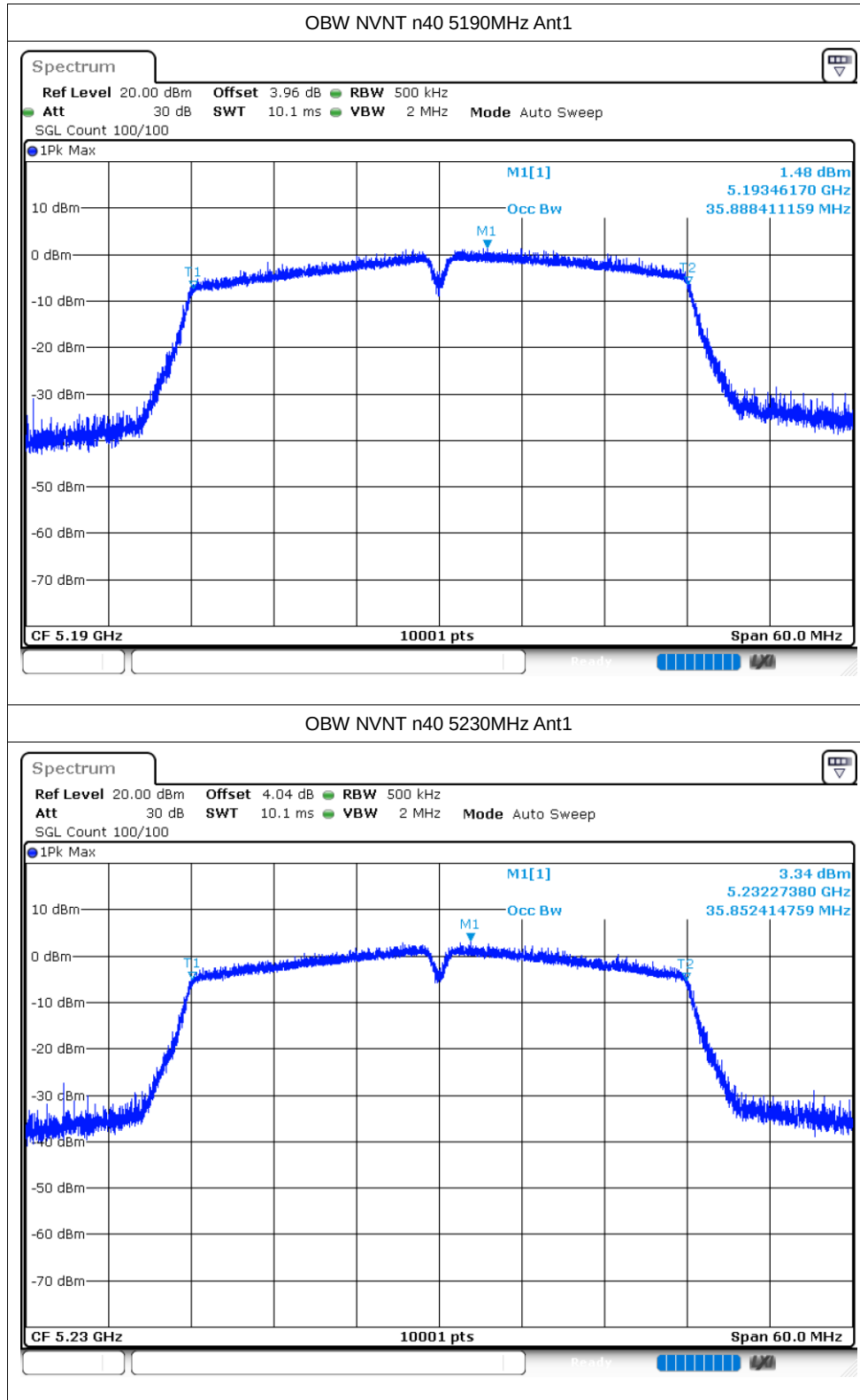


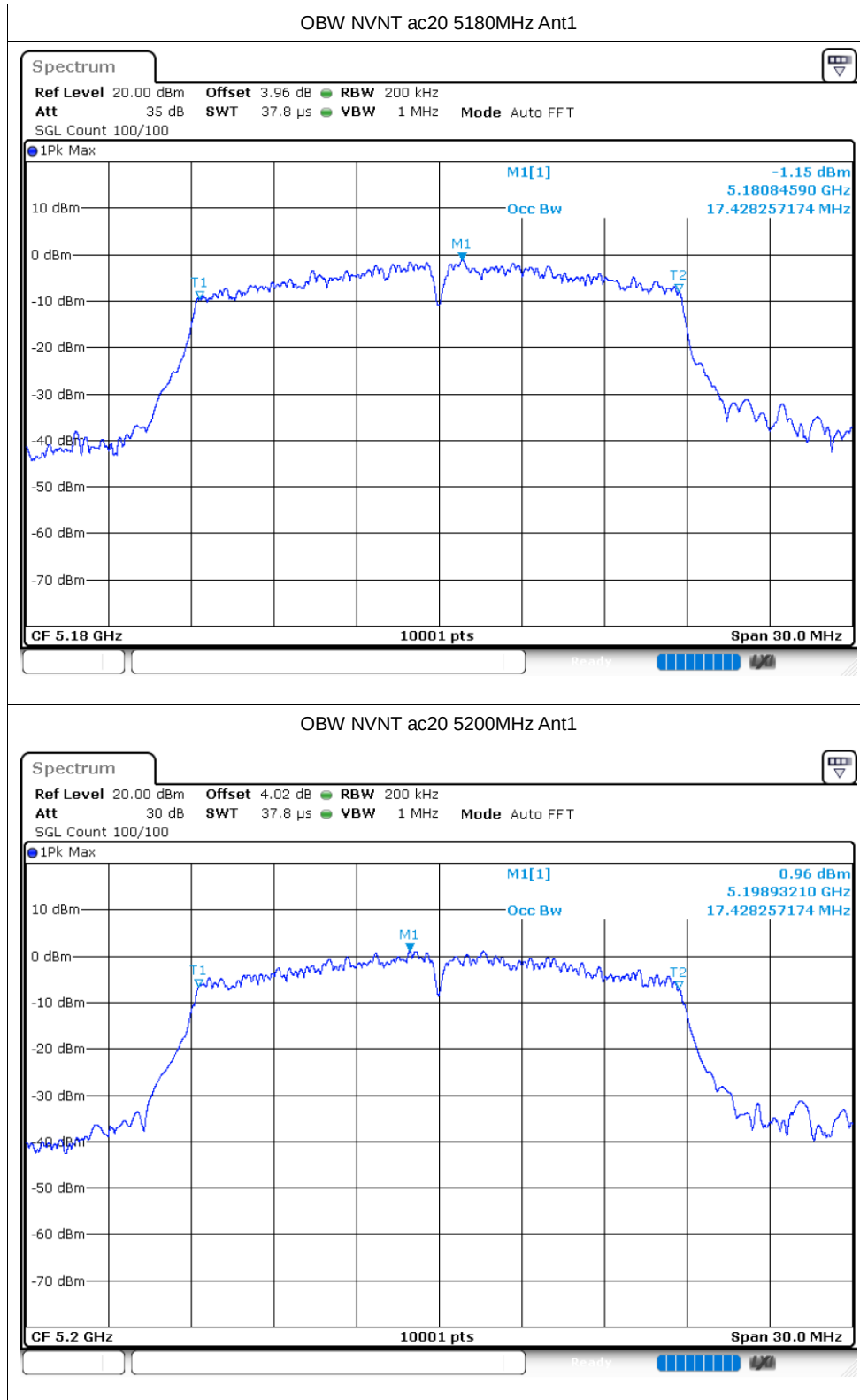
OBW NVNT a 5200MHz Ant1

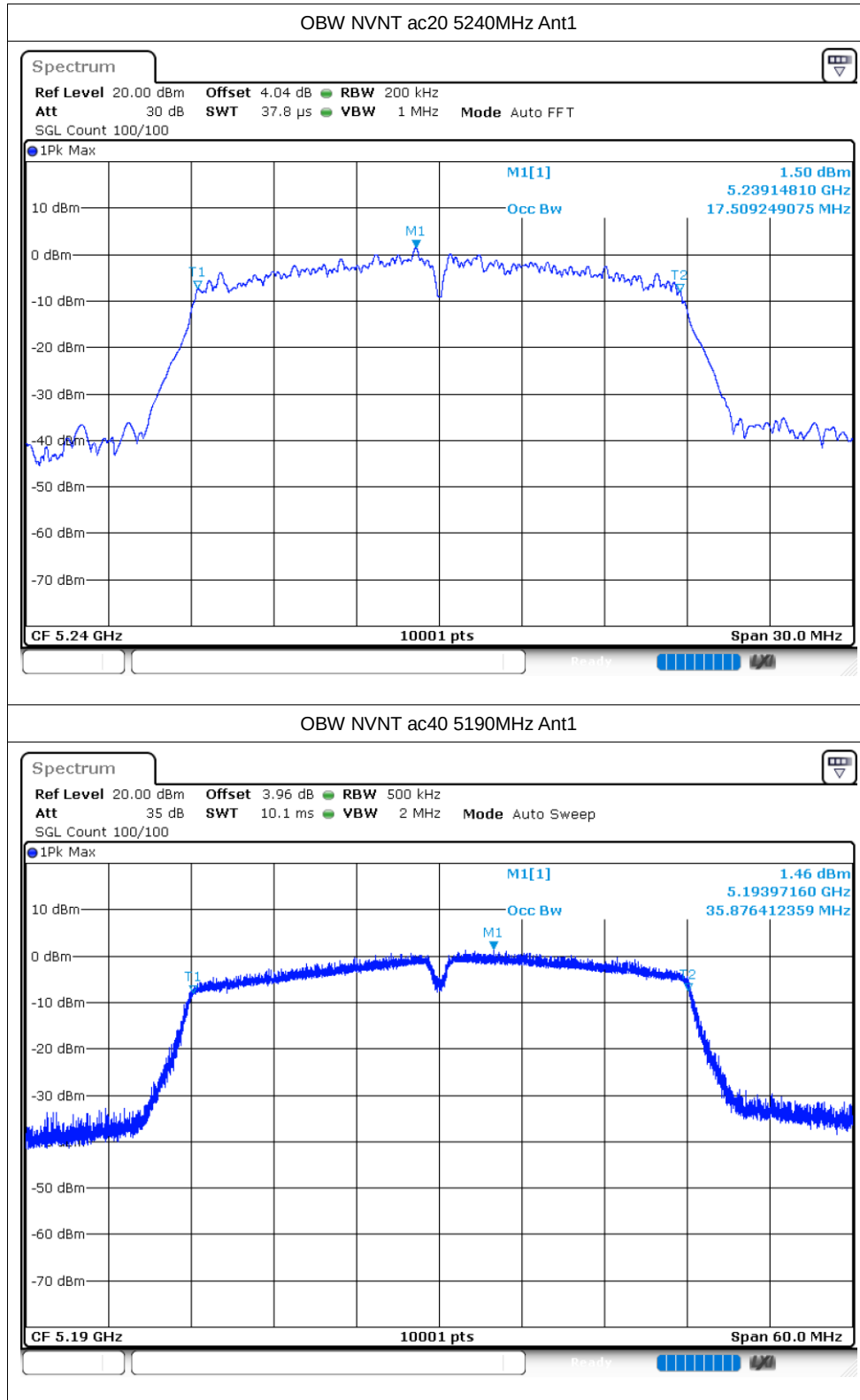


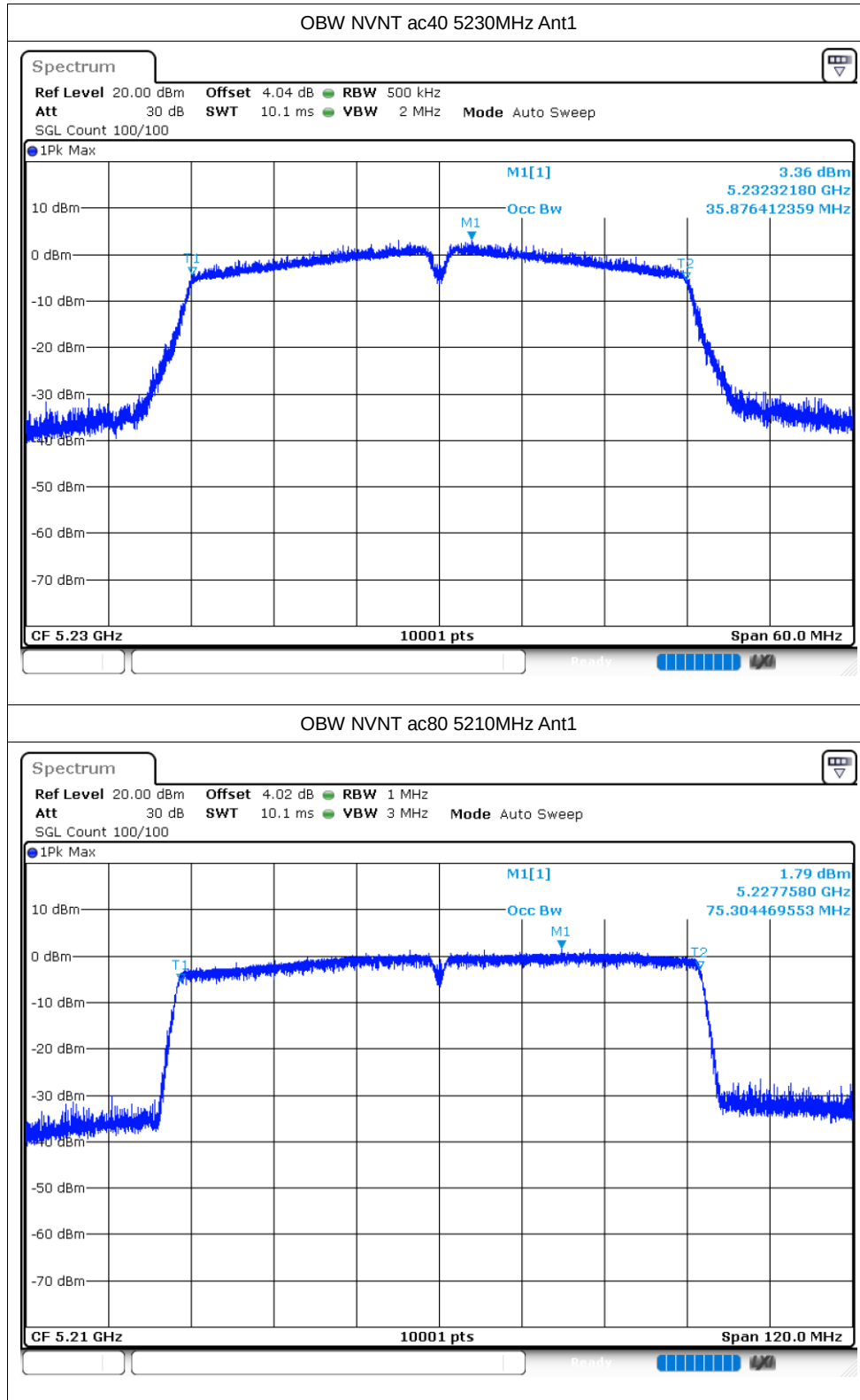


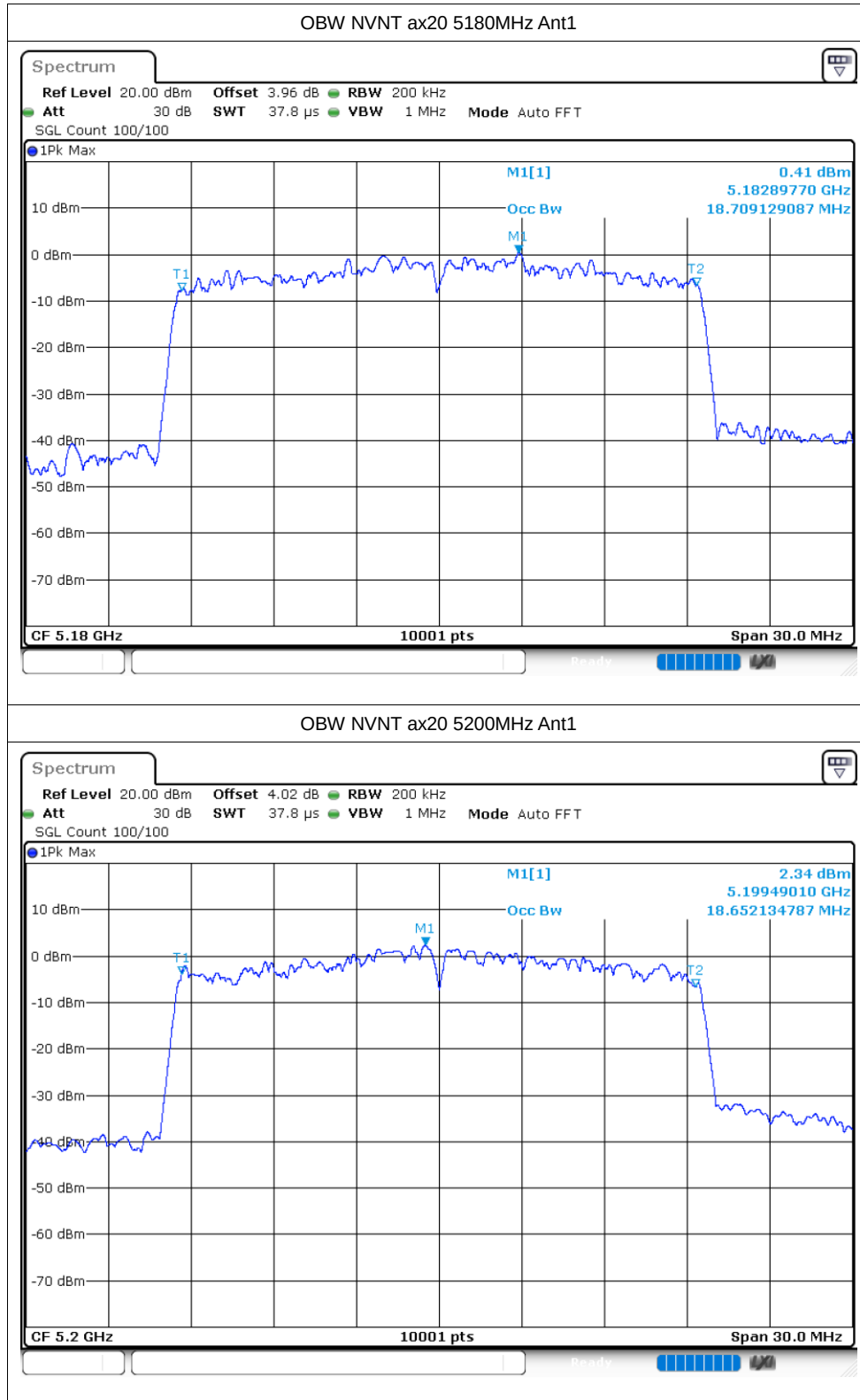


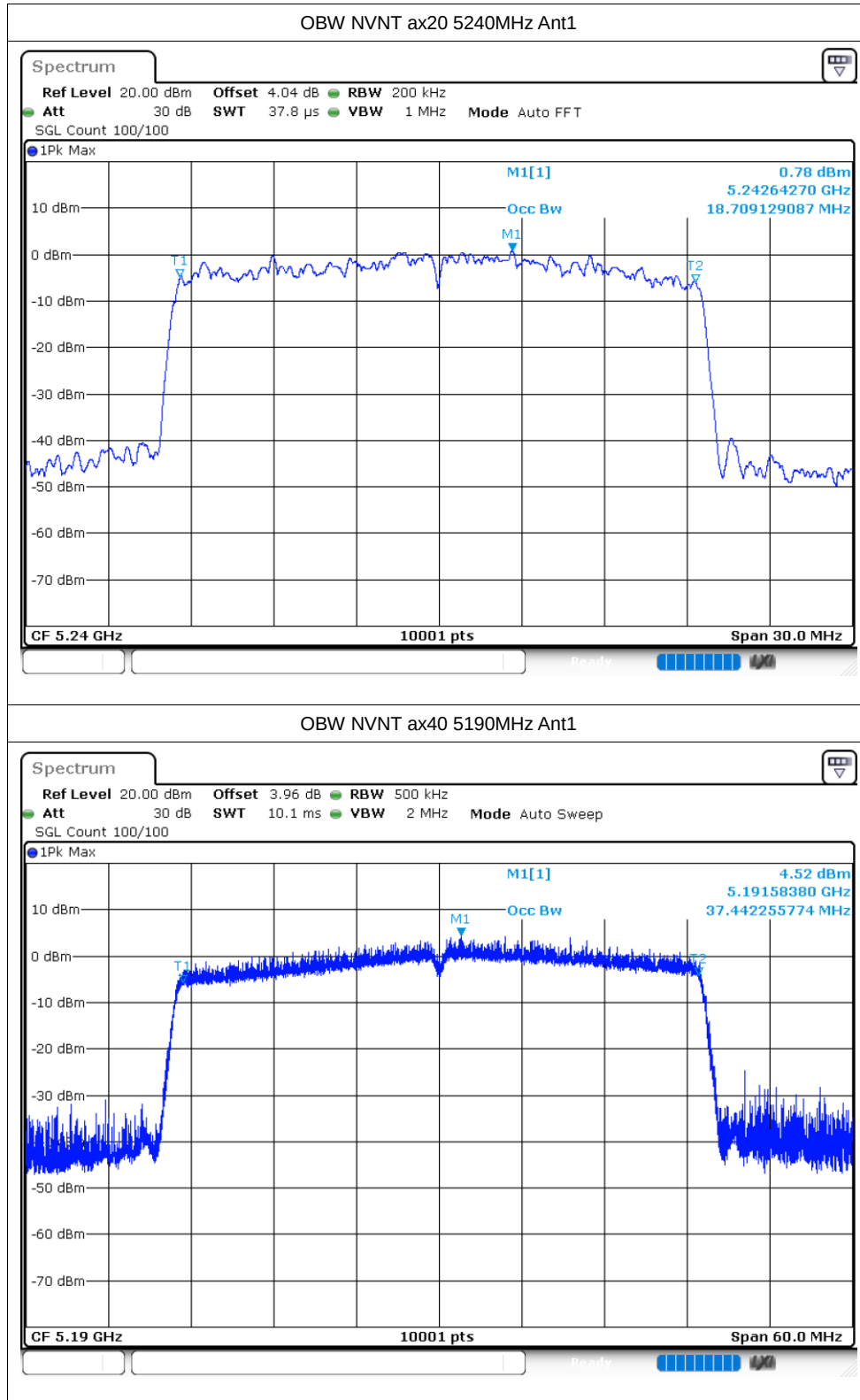


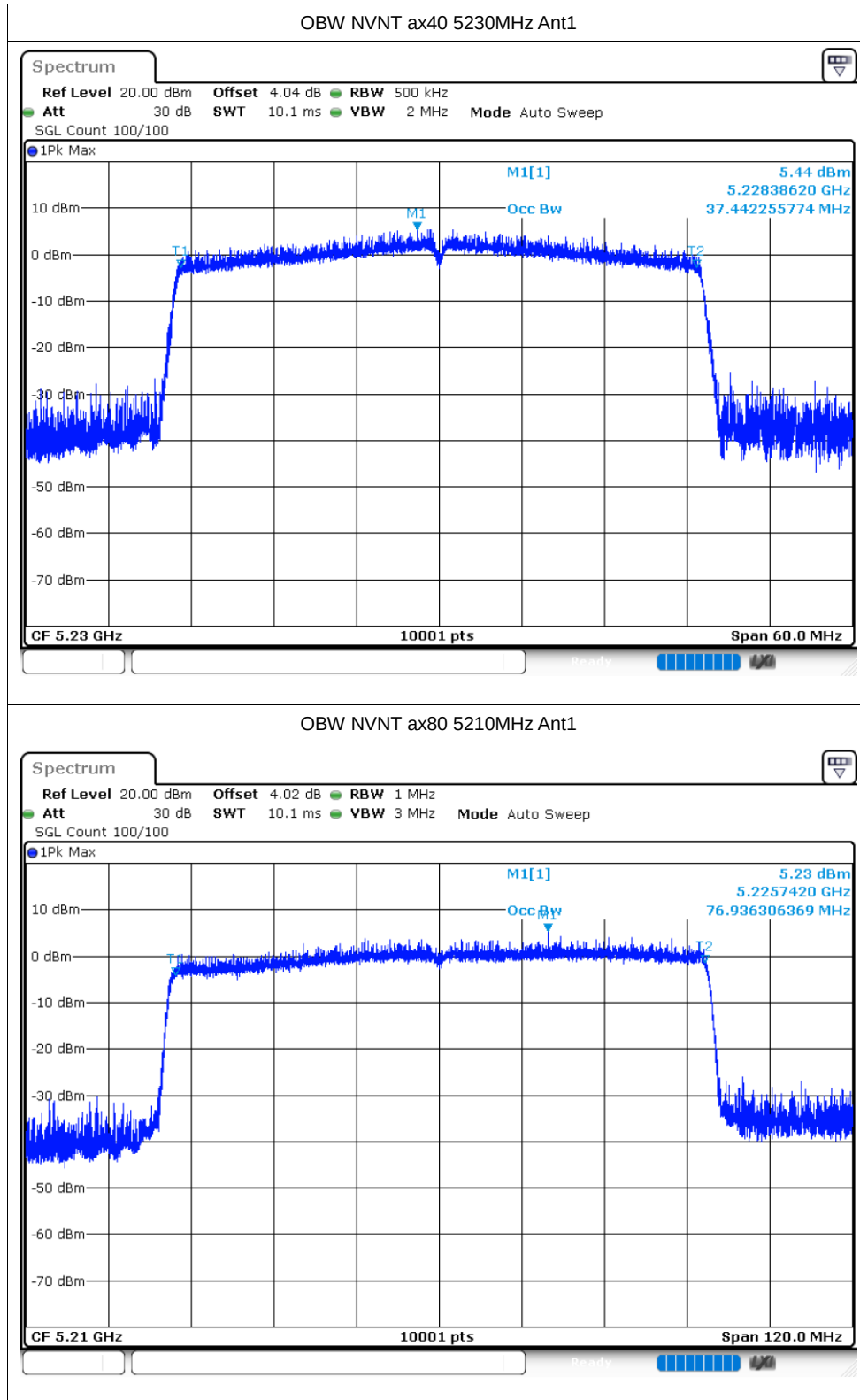










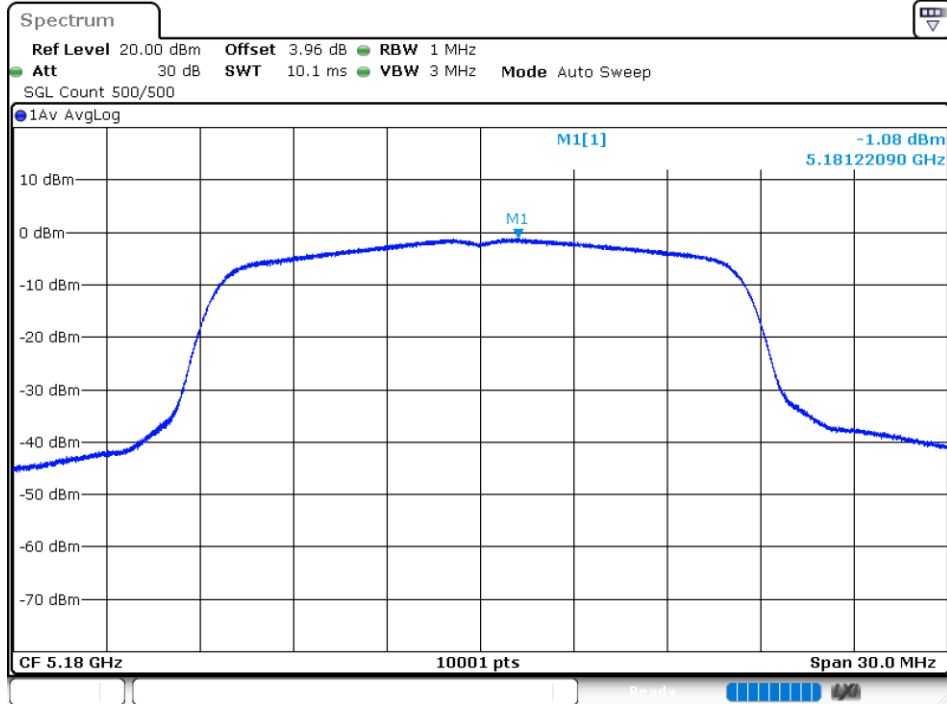


Maximum Power Spectral Density Level

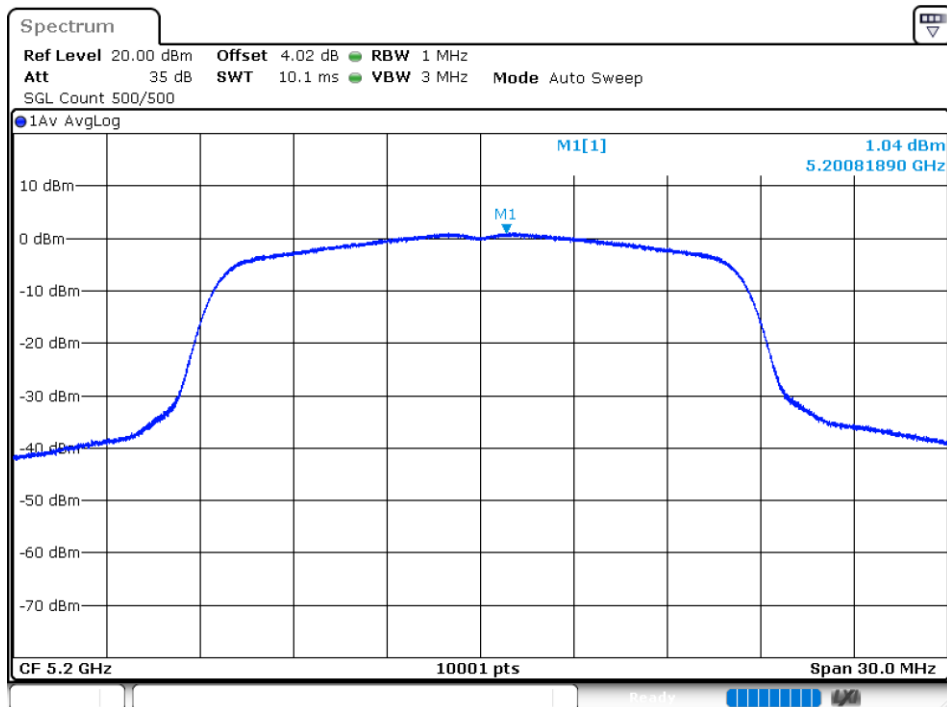
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-1.08	11	Pass
NVNT	a	5200	Ant1	1.04	11	Pass
NVNT	a	5240	Ant1	-0.47	11	Pass
NVNT	n20	5180	Ant1	-2.37	11	Pass
NVNT	n20	5200	Ant1	-0.12	11	Pass
NVNT	n20	5240	Ant1	-0.76	11	Pass
NVNT	n40	5190	Ant1	-4.81	11	Pass
NVNT	n40	5230	Ant1	-3.26	11	Pass
NVNT	ac20	5180	Ant1	-1.68	11	Pass
NVNT	ac20	5200	Ant1	0.42	11	Pass
NVNT	ac20	5240	Ant1	-0.26	11	Pass
NVNT	ac40	5190	Ant1	-4.89	11	Pass
NVNT	ac40	5230	Ant1	-3.49	11	Pass
NVNT	ac80	5210	Ant1	-8.88	11	Pass
NVNT	ax20	5180	Ant1	-2.42	11	Pass
NVNT	ax20	5200	Ant1	-0.22	11	Pass
NVNT	ax20	5240	Ant1	-1	11	Pass
NVNT	ax40	5190	Ant1	-4.97	11	Pass
NVNT	ax40	5230	Ant1	-3.48	11	Pass
NVNT	ax80	5210	Ant1	-8.55	11	Pass

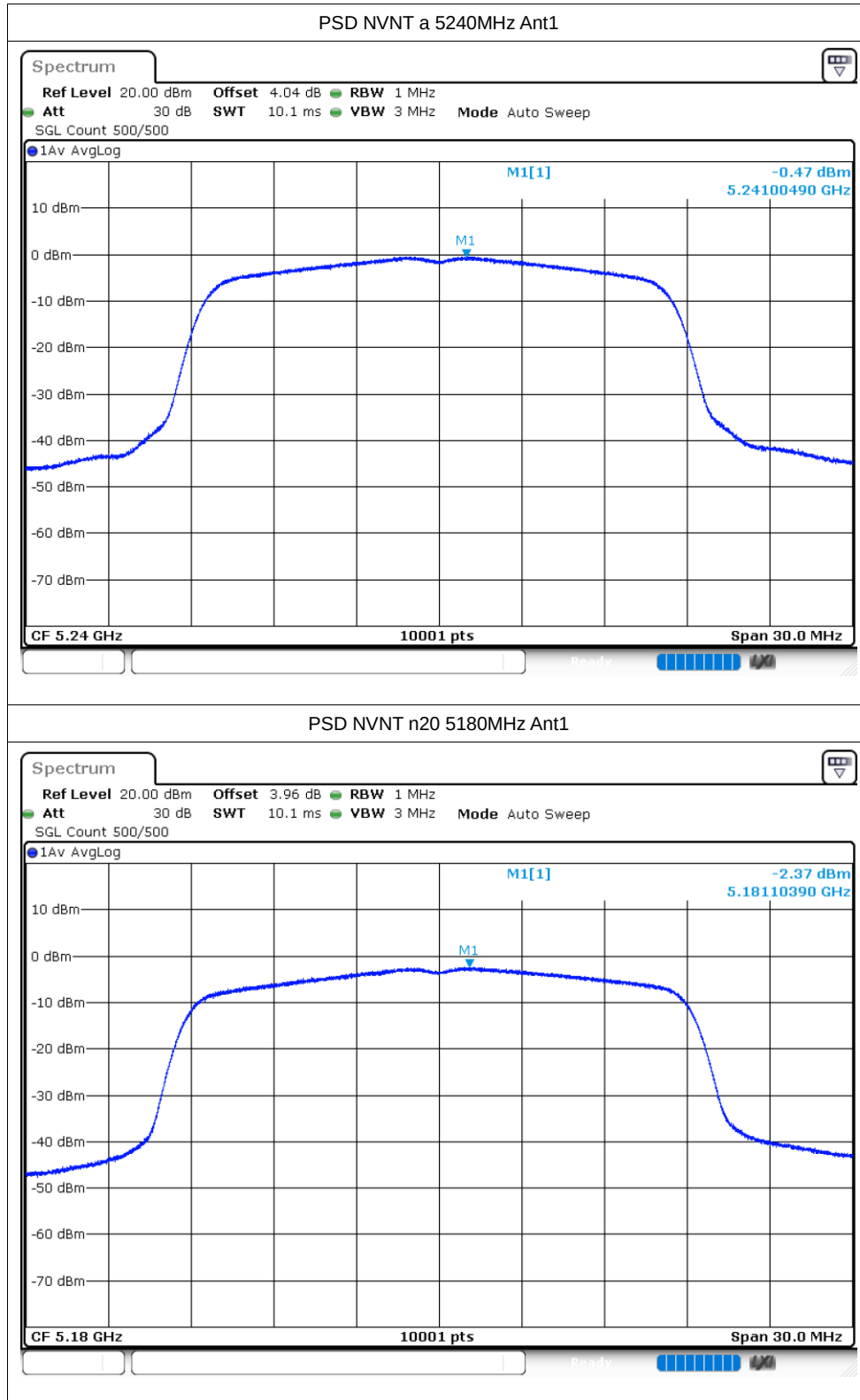
Test Graphs

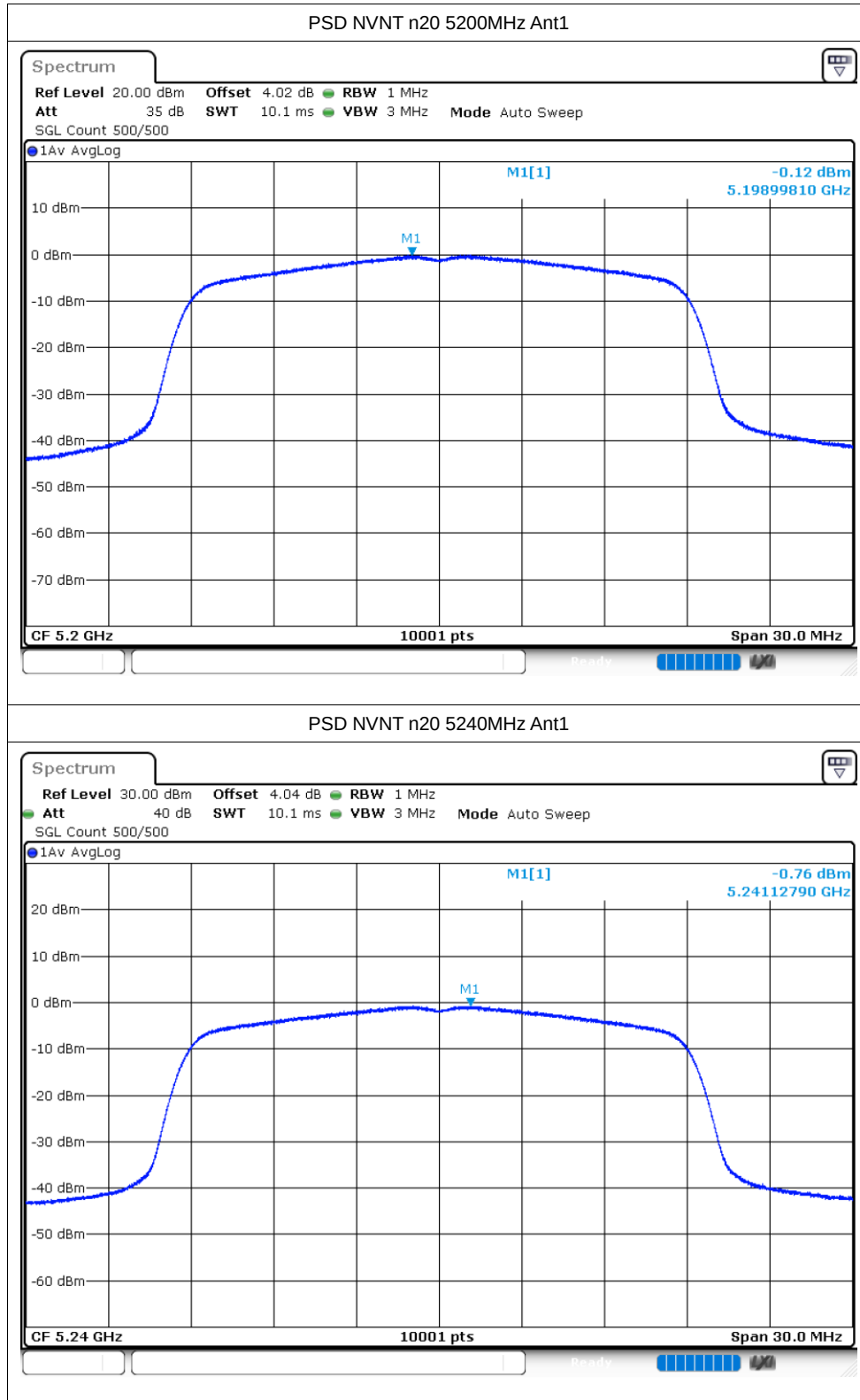
PSD NVNT a 5180MHz Ant1

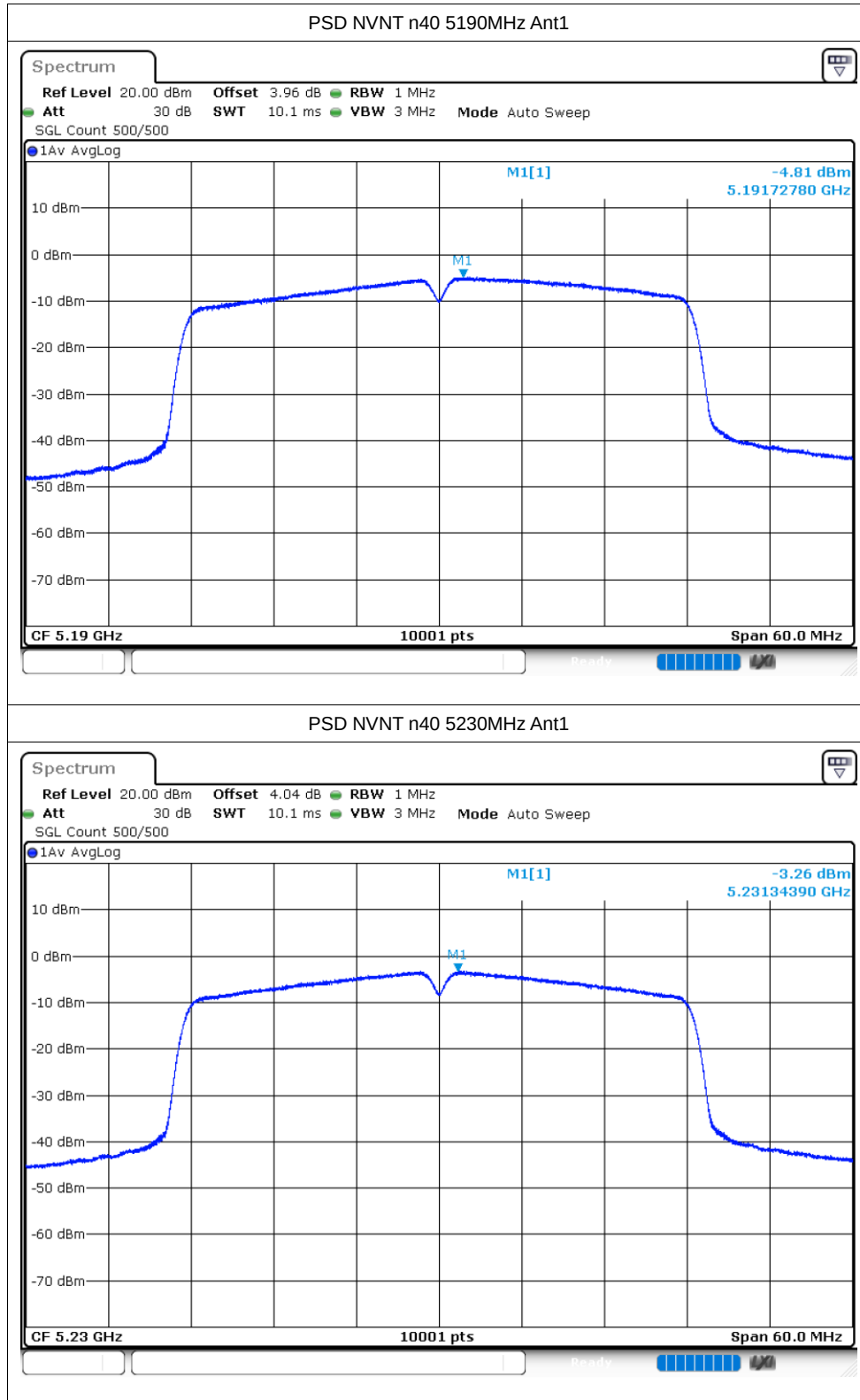


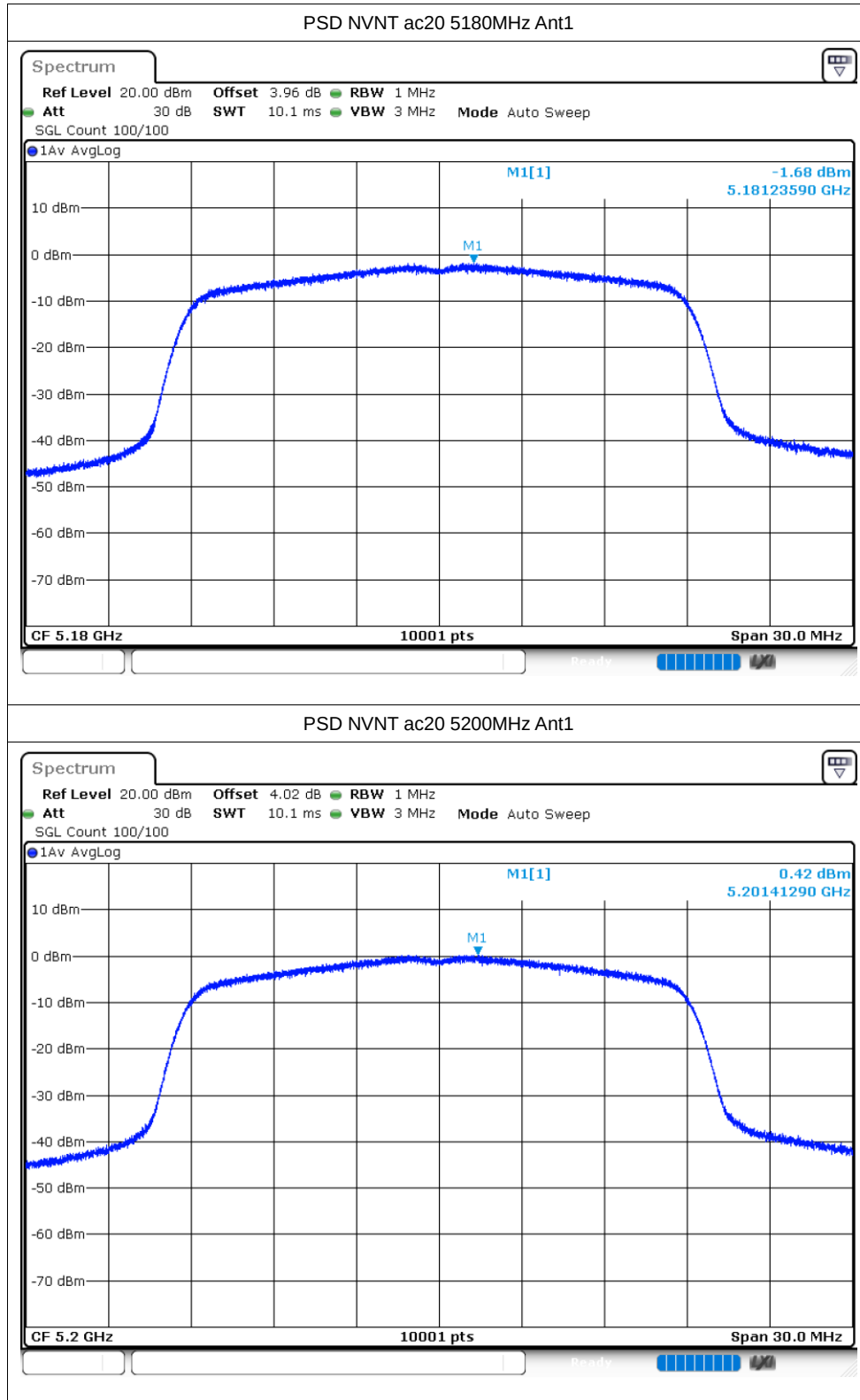
PSD NVNT a 5200MHz Ant1

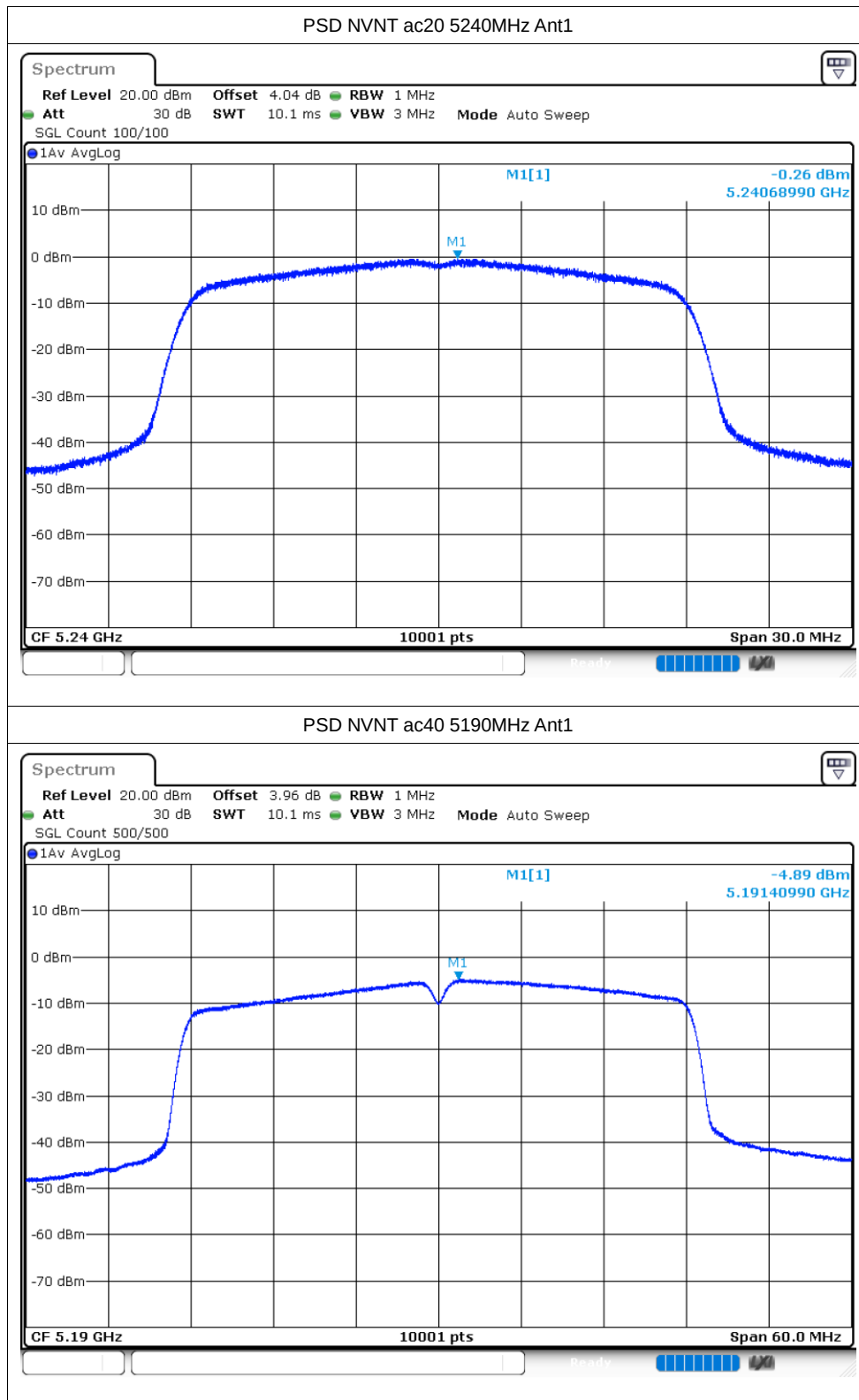


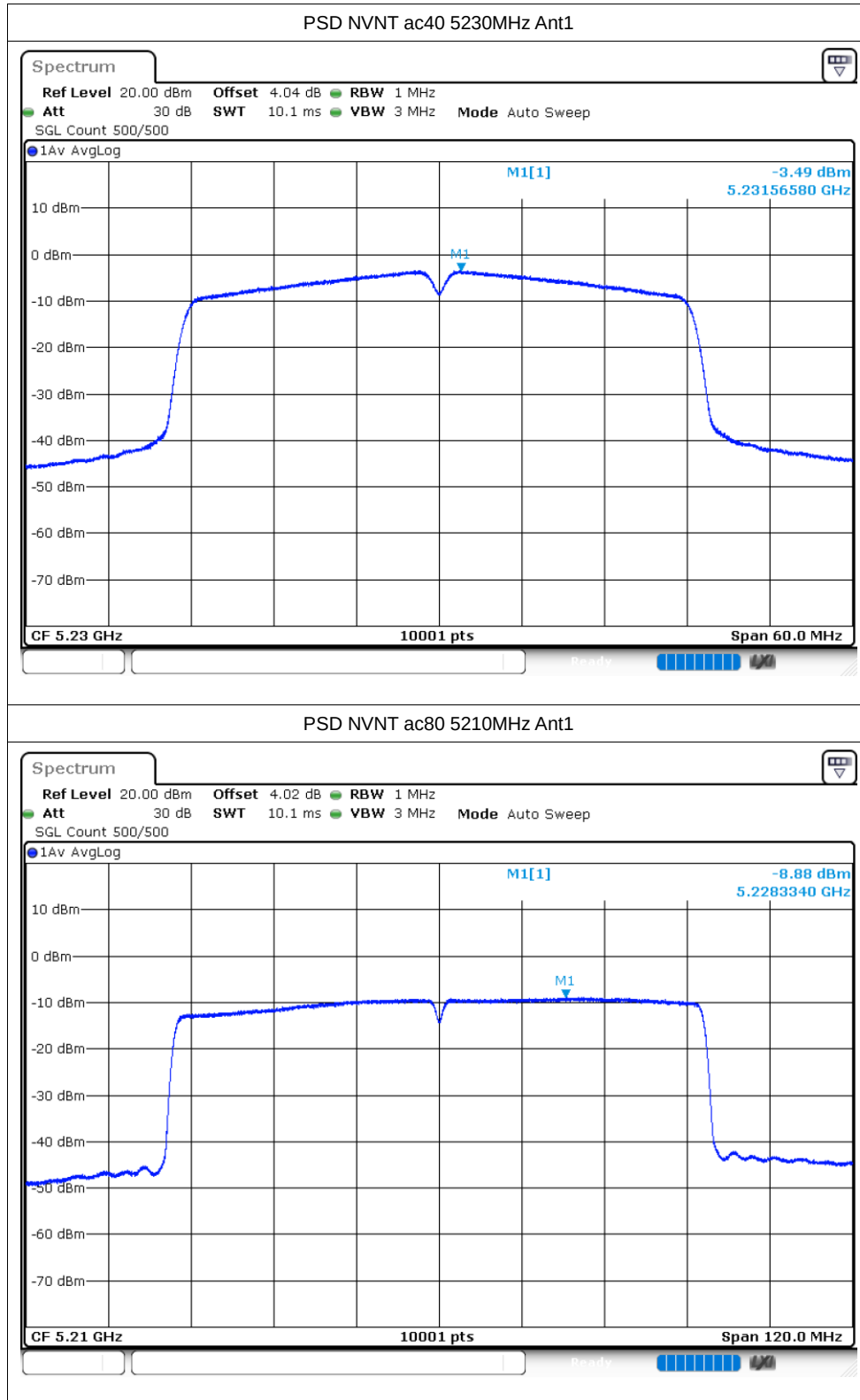


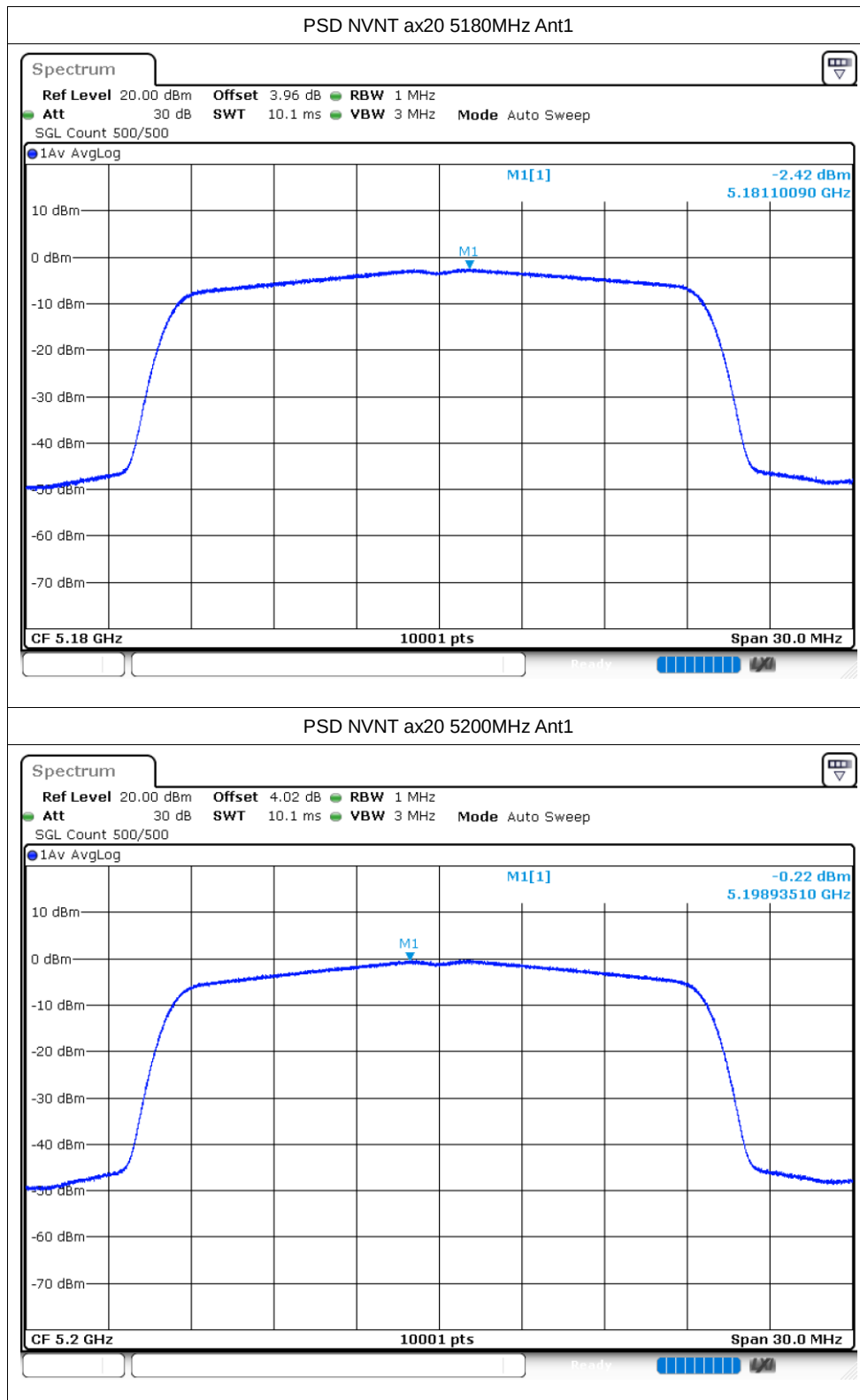


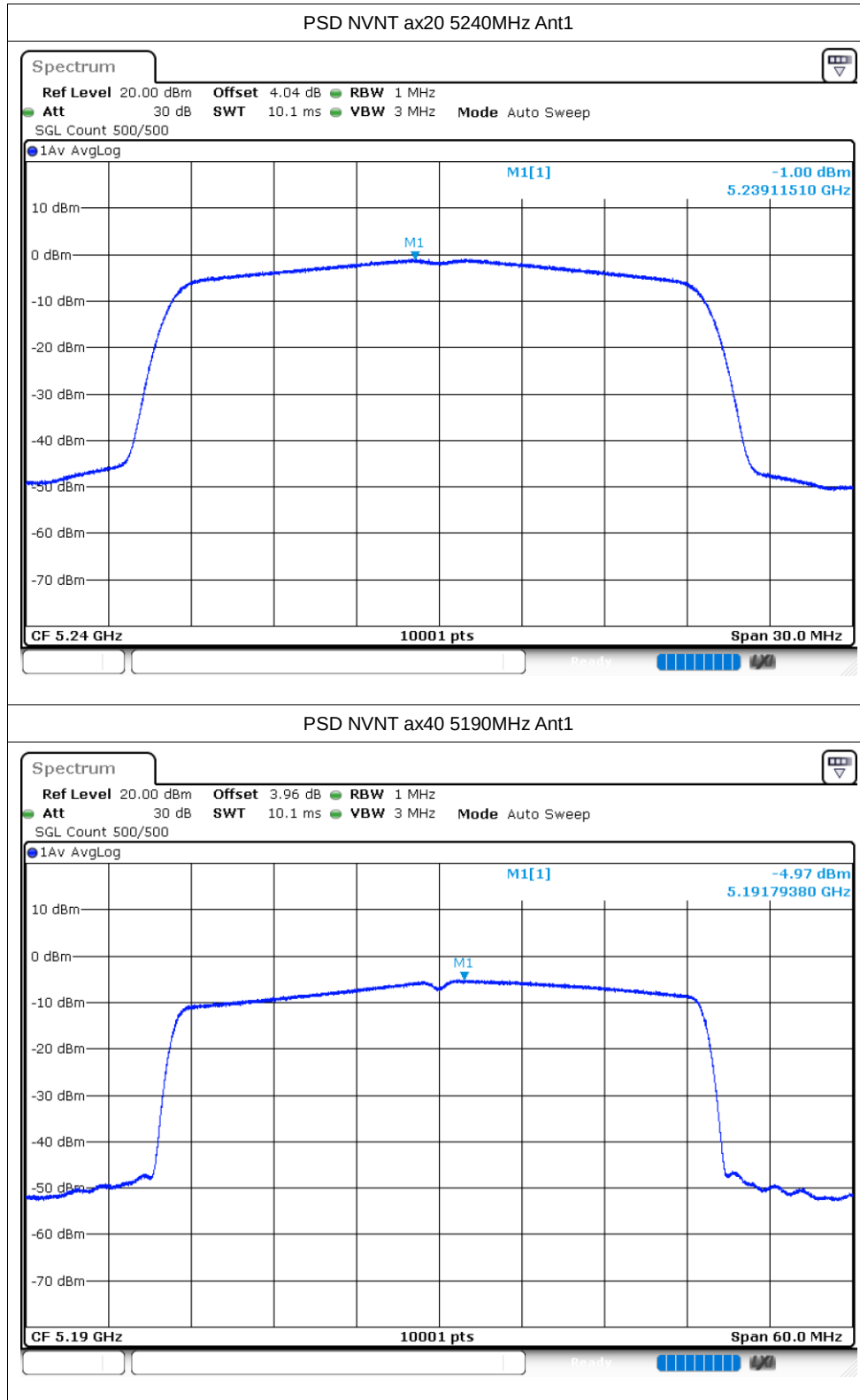


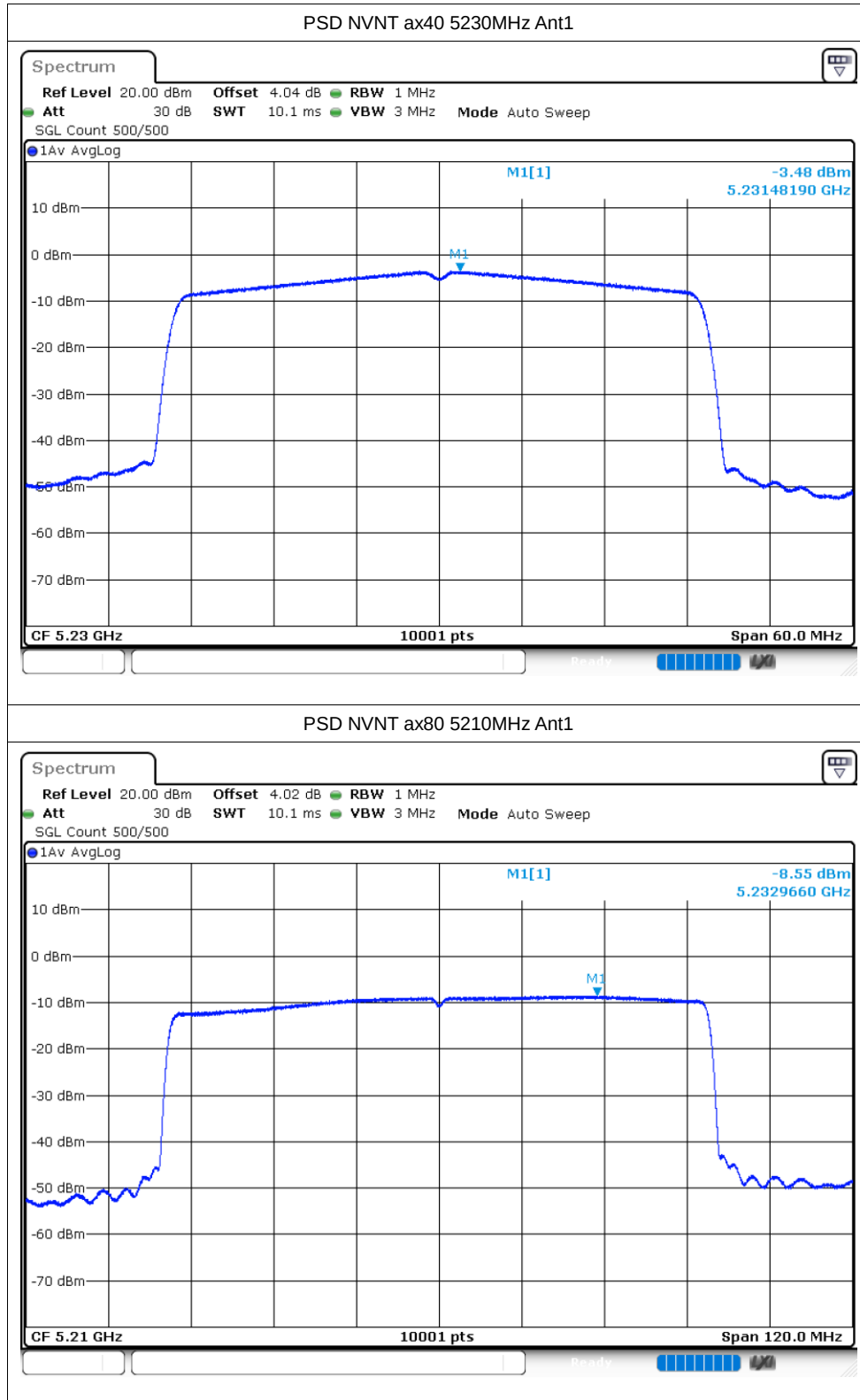












Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-39.27	-27	Pass
NVNT	a	5240	Ant1	-42.3	-27	Pass
NVNT	n20	5180	Ant1	-39.22	-27	Pass
NVNT	n20	5240	Ant1	-40.18	-27	Pass
NVNT	n40	5190	Ant1	-38.83	-27	Pass
NVNT	n40	5230	Ant1	-39.86	-27	Pass
NVNT	ac20	5180	Ant1	-37.89	-27	Pass
NVNT	ac20	5240	Ant1	-39.73	-27	Pass
NVNT	ac40	5190	Ant1	-35.77	-27	Pass
NVNT	ac40	5230	Ant1	-39.85	-27	Pass
NVNT	ac80	5210	Ant1	-39.49	-27	Pass
NVNT	ax20	5180	Ant1	-36.67	-27	Pass
NVNT	ax20	5240	Ant1	-39.69	-27	Pass
NVNT	ax40	5190	Ant1	-31.29	-27	Pass
NVNT	ax40	5230	Ant1	-40.45	-27	Pass
NVNT	ax80	5210	Ant1	-40.15	-27	Pass