

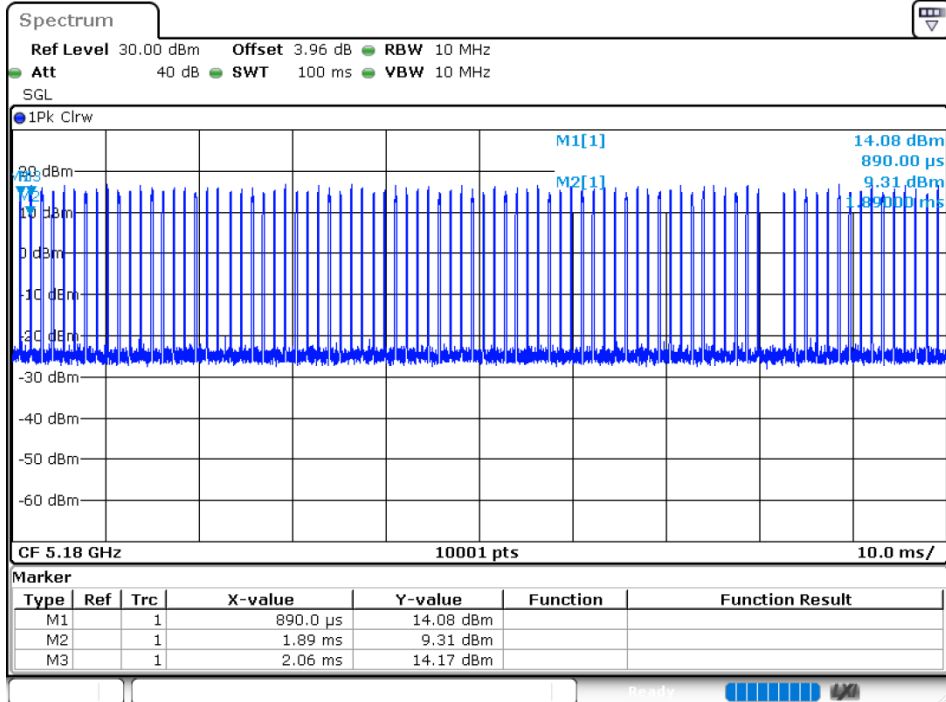
5.2G:

Duty Cycle

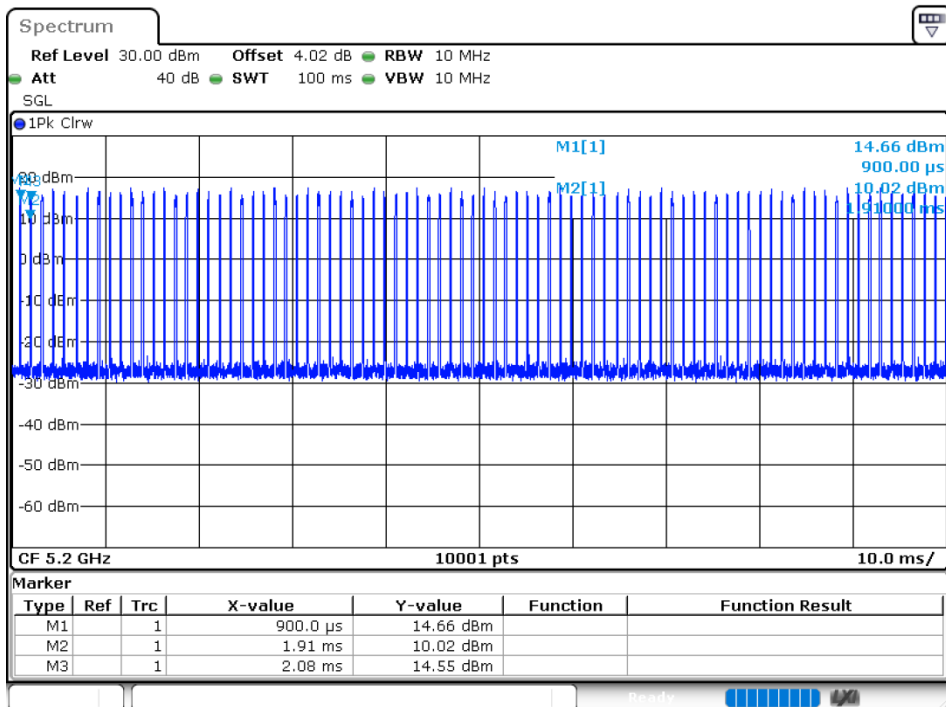
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	15.44	8.11	5.88
NVNT	a	5200	Ant1	15.75	8.03	5.88
NVNT	a	5240	Ant1	15.8	8.01	5.56
NVNT	n20	5180	Ant1	14.78	8.3	5.88
NVNT	n20	5200	Ant1	14.62	8.35	5.88
NVNT	n20	5240	Ant1	14.82	8.29	6.25
NVNT	n40	5190	Ant1	9.33	10.3	10
NVNT	n40	5230	Ant1	9.33	10.3	10
NVNT	ac20	5180	Ant1	13.26	8.77	6.67
NVNT	ac20	5200	Ant1	13.14	8.81	6.67
NVNT	ac20	5240	Ant1	13.27	8.77	6.67
NVNT	ac40	5190	Ant1	8.12	10.9	11.11
NVNT	ac40	5230	Ant1	8.31	10.8	11.11
NVNT	ac80	5210	Ant1	6.21	12.07	16.67
NVNT	ax20	5180	Ant1	31.8	4.98	6.25
NVNT	ax20	5200	Ant1	56.78	2.46	6.25
NVNT	ax20	5240	Ant1	85.9	0.66	6.25
NVNT	ax40	5190	Ant1	75.24	1.24	10
NVNT	ax40	5230	Ant1	80.57	0.94	9.09
NVNT	ax80	5210	Ant1	66.87	1.75	12.5

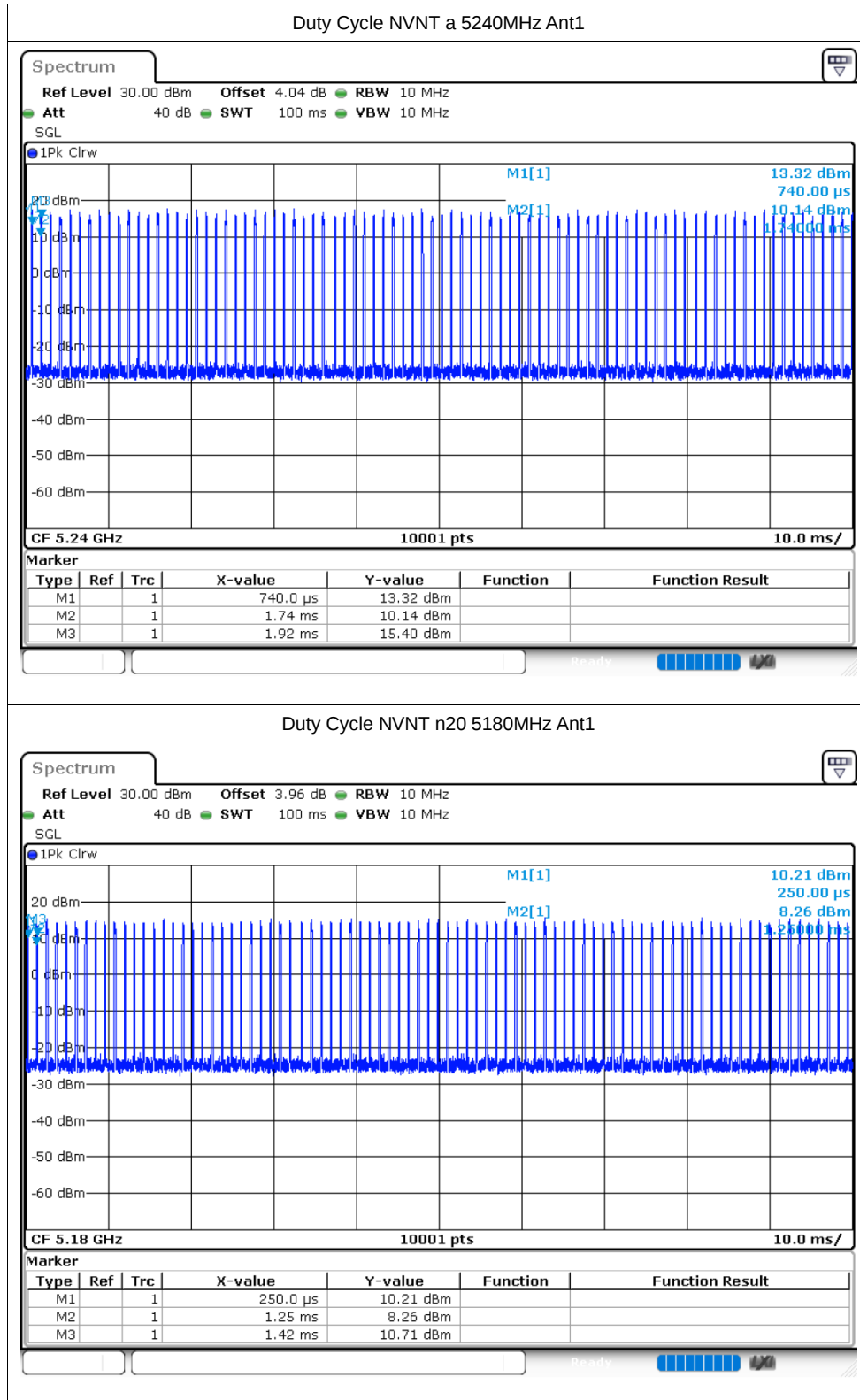
Test Graphs

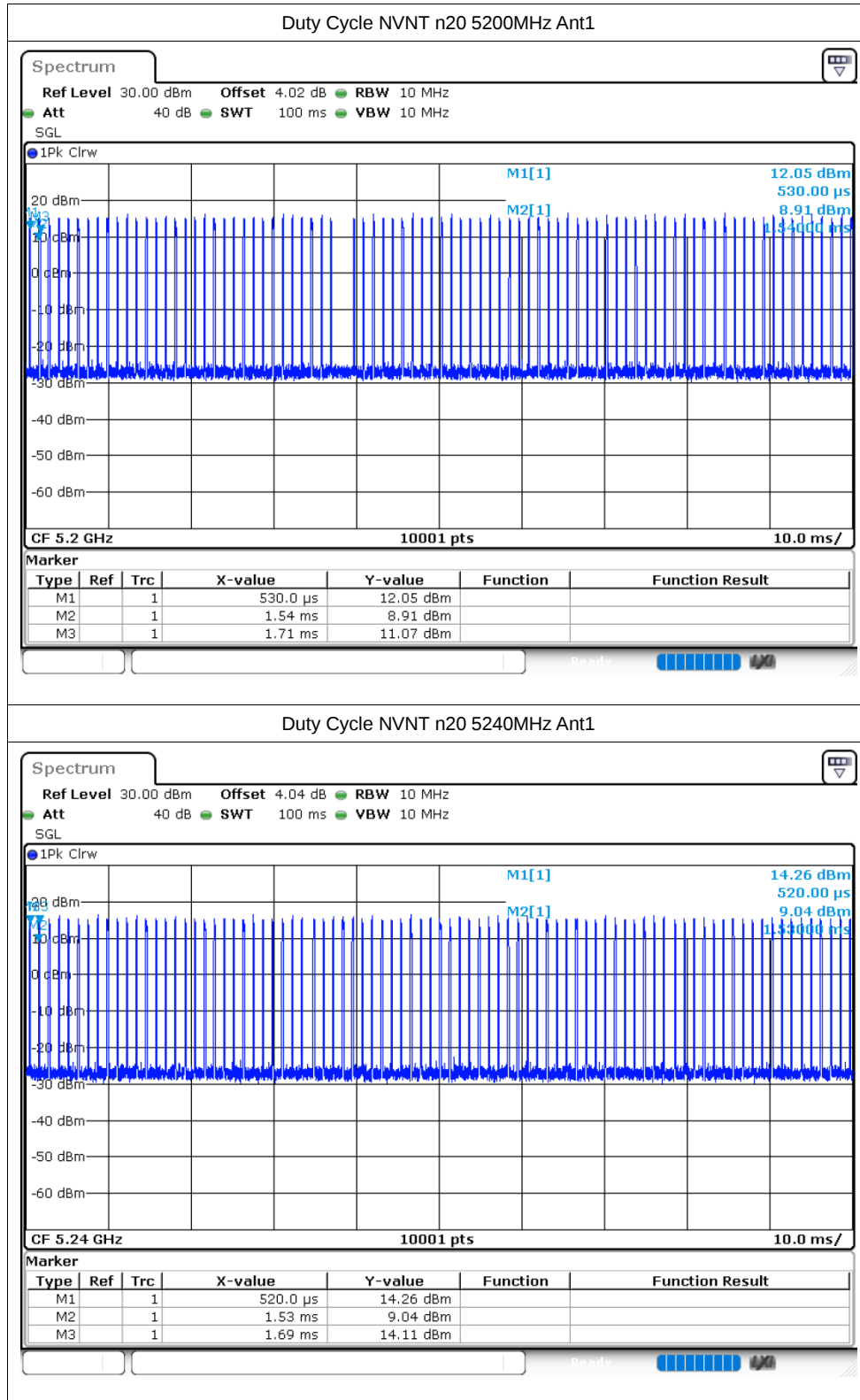
Duty Cycle NVNT a 5180MHz Ant1

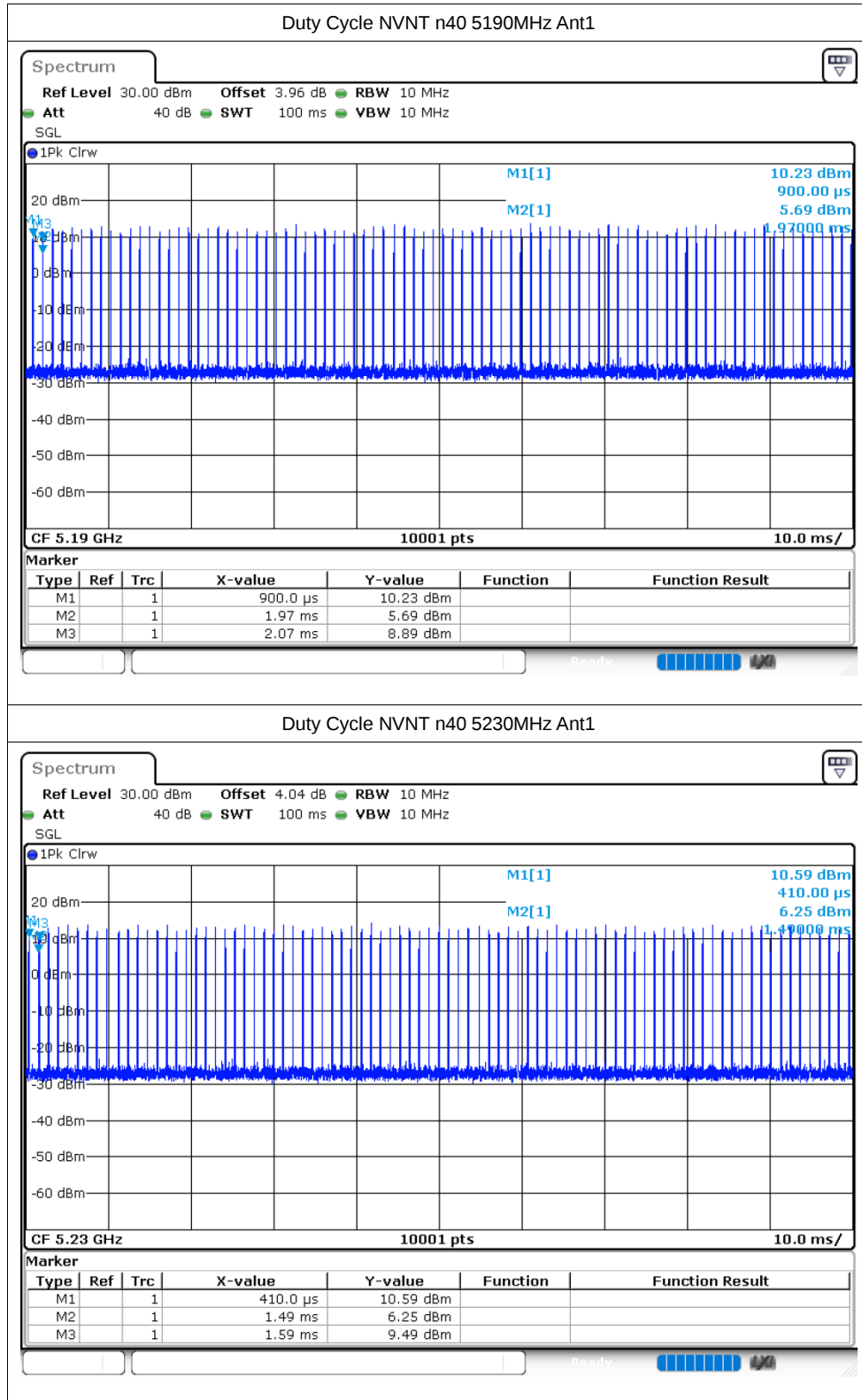


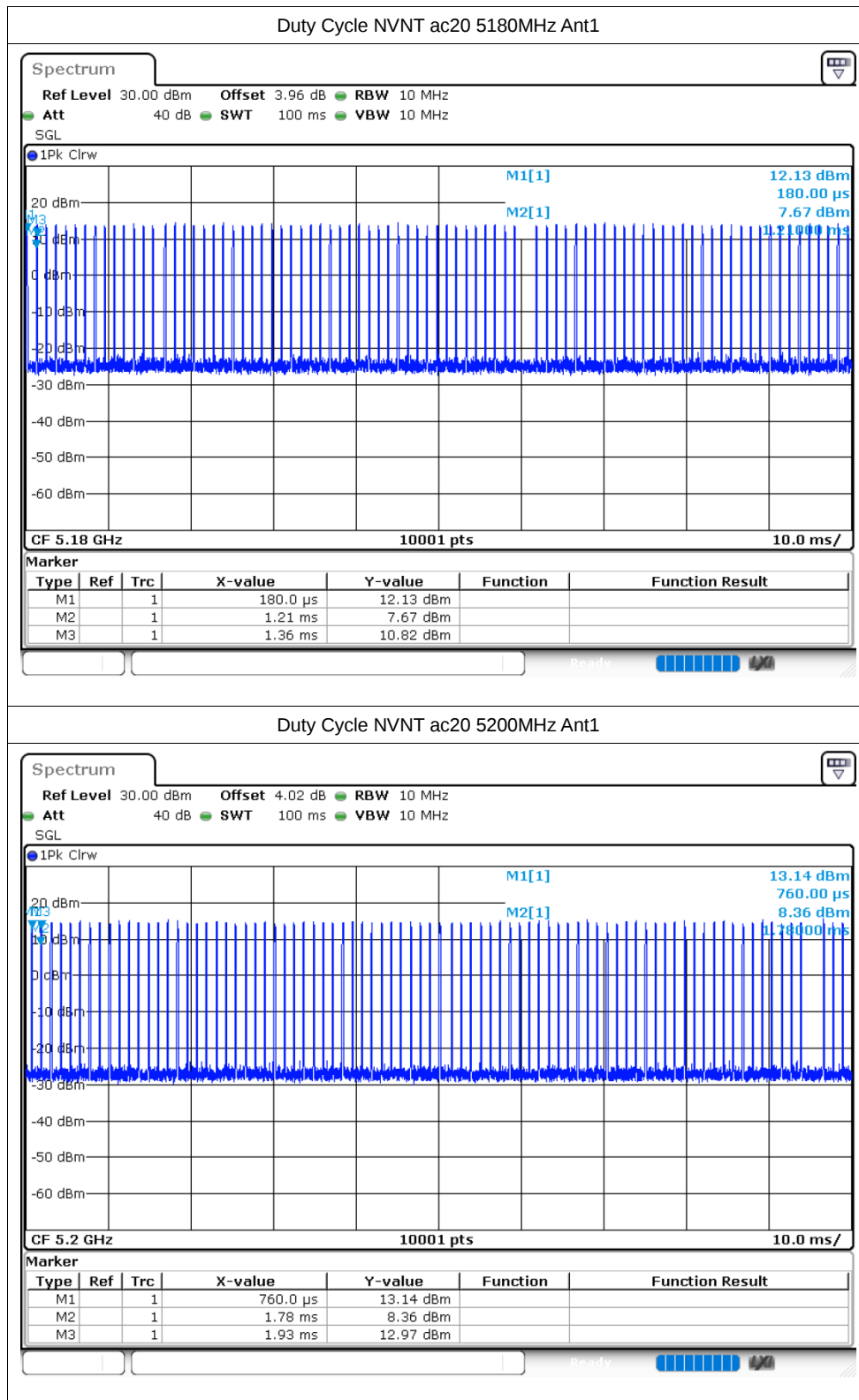
Duty Cycle NVNT a 5200MHz Ant1

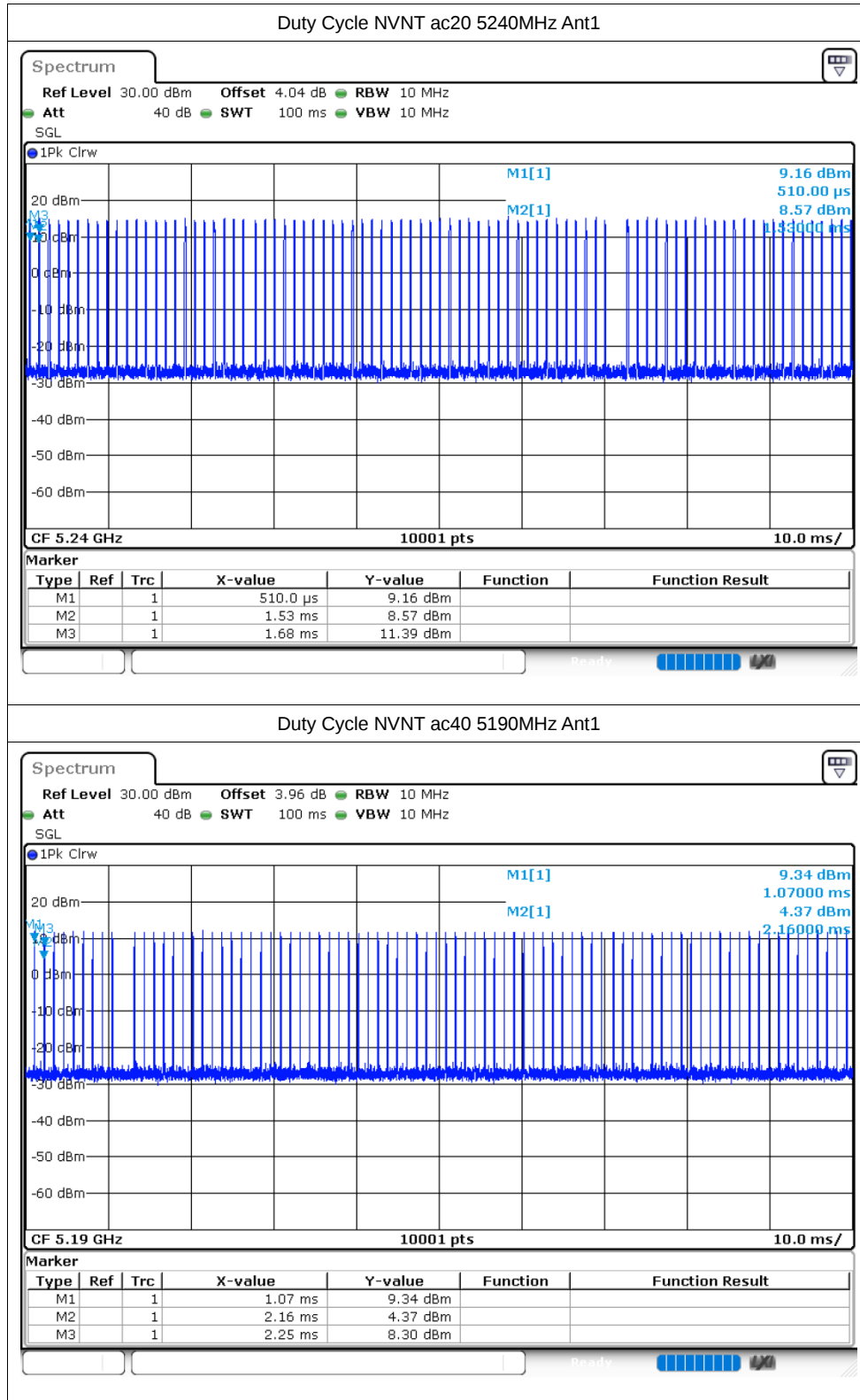


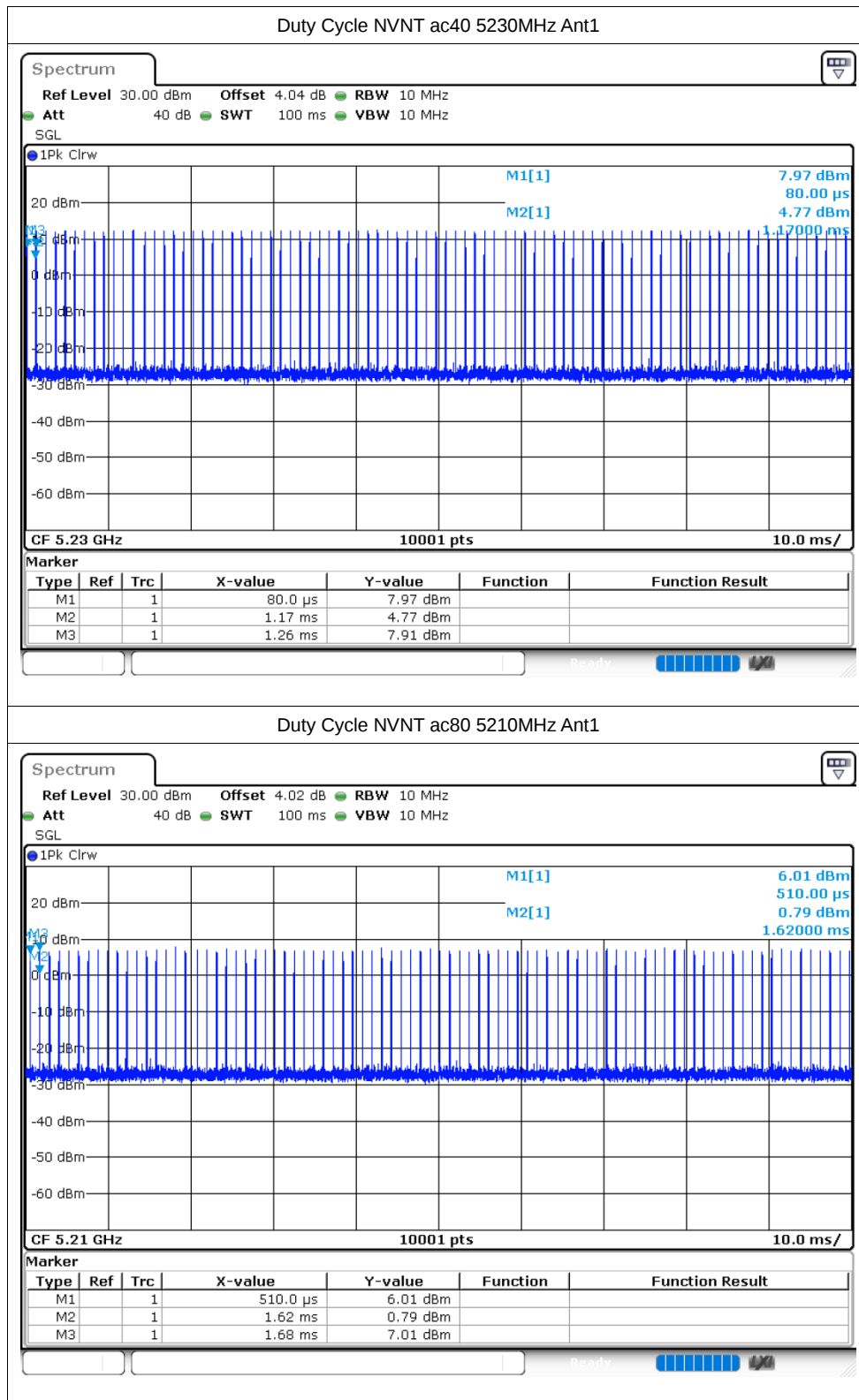


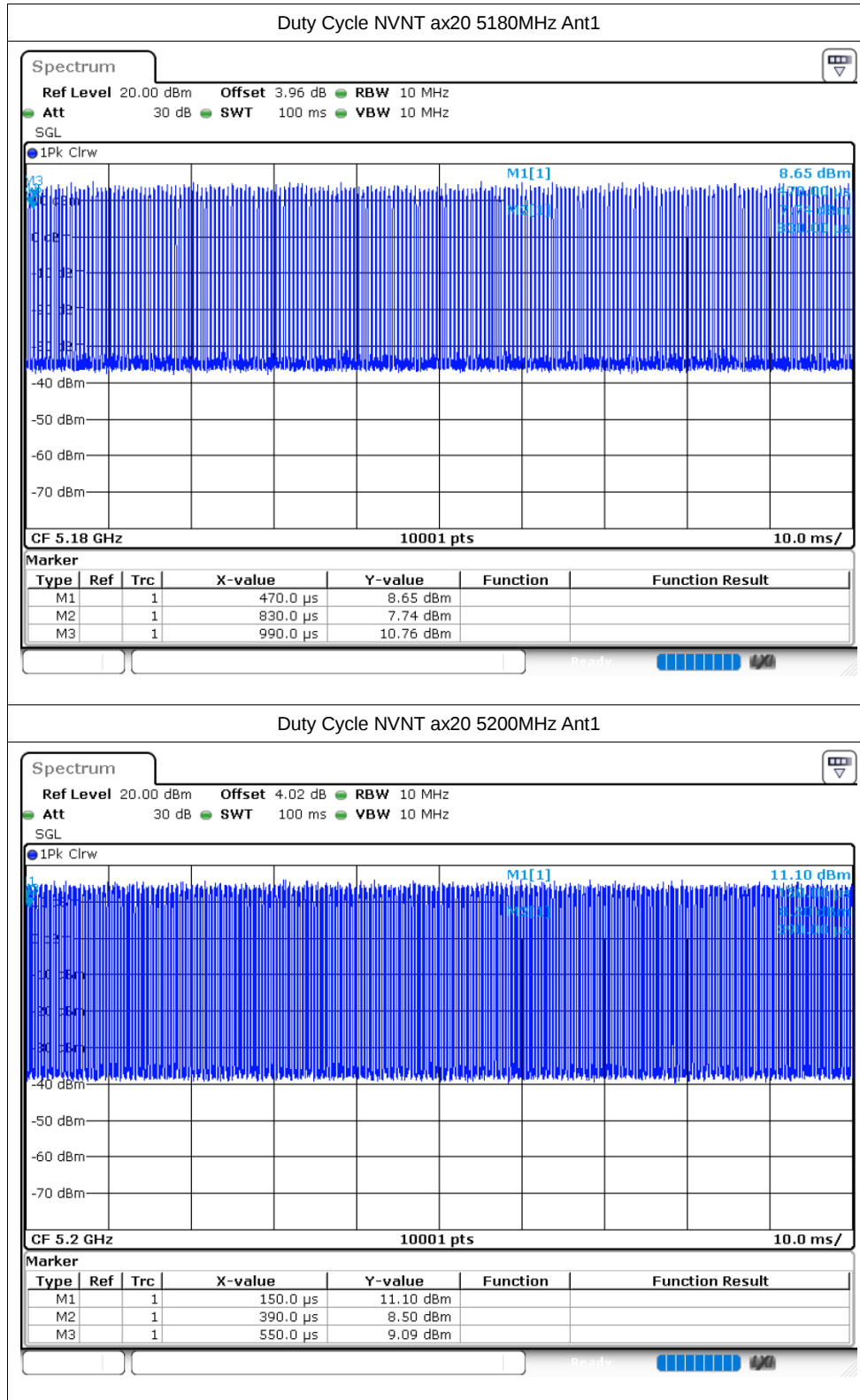


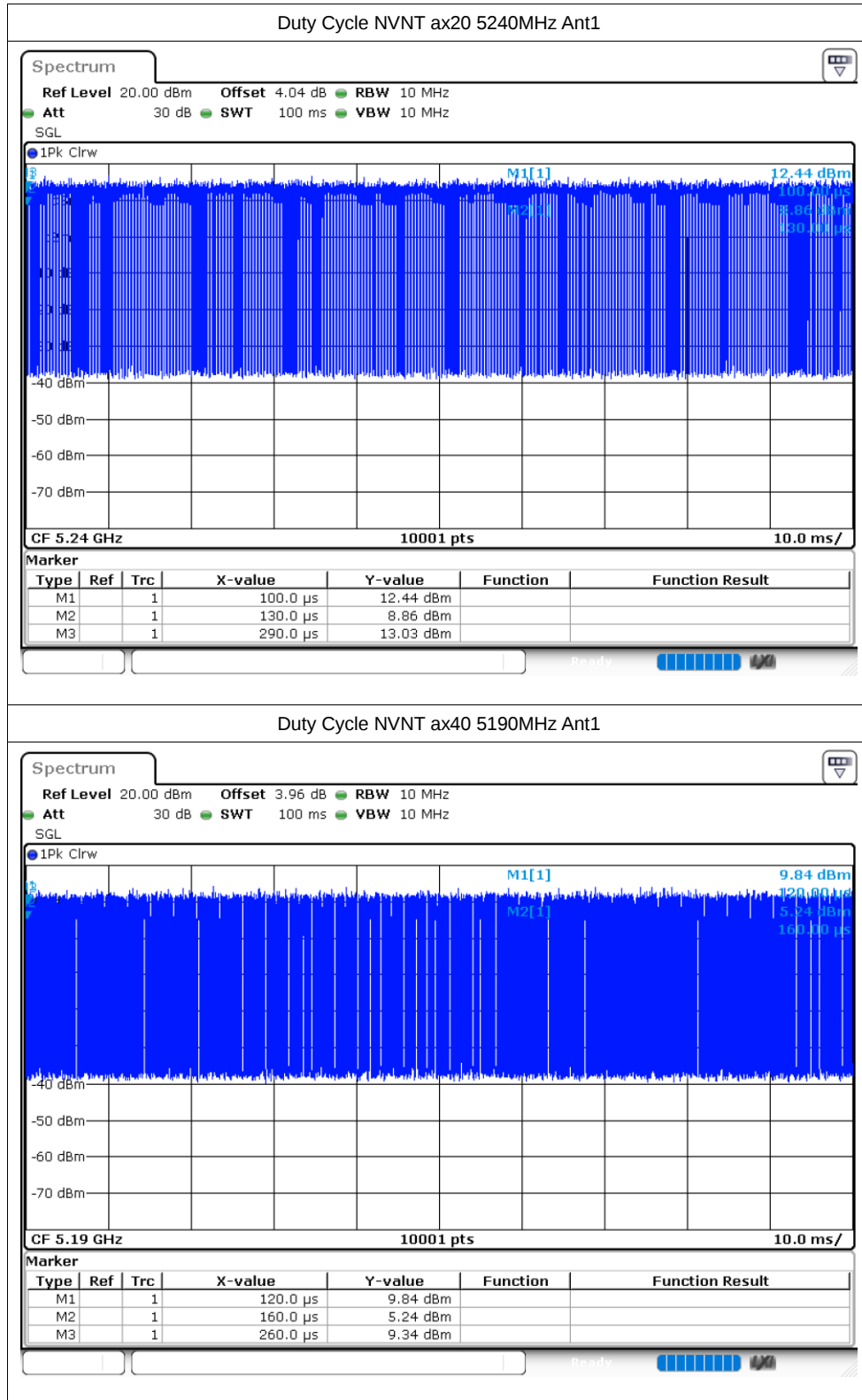


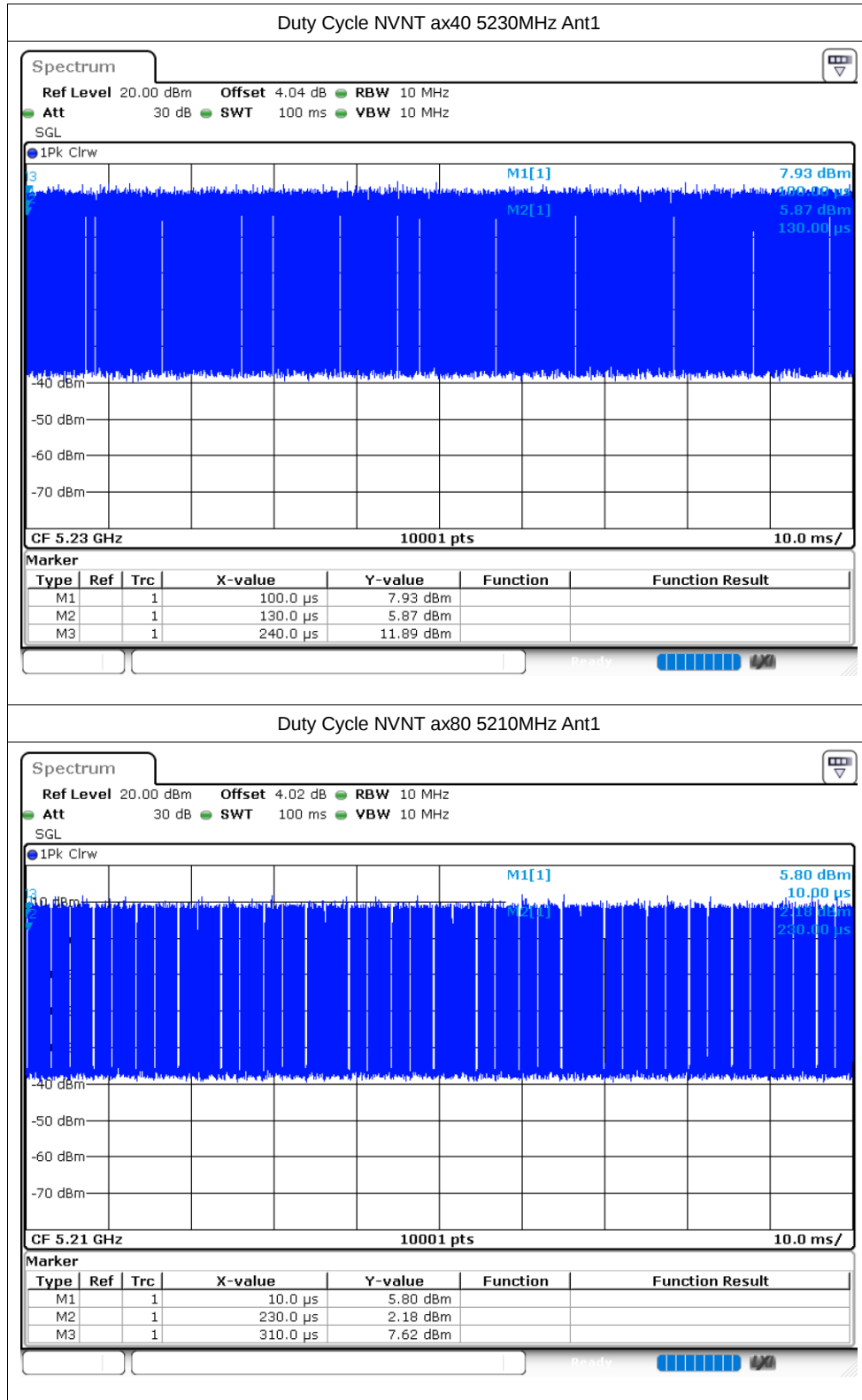












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	10.67	24	Pass
NVNT	a	5200	Ant1	10.72	24	Pass
NVNT	a	5240	Ant1	10.6	24	Pass
NVNT	n20	5180	Ant1	9.53	24	Pass
NVNT	n20	5200	Ant1	9.41	24	Pass
NVNT	n20	5240	Ant1	9.55	24	Pass
NVNT	n40	5190	Ant1	9.45	24	Pass
NVNT	n40	5230	Ant1	9.43	24	Pass
NVNT	ac20	5180	Ant1	9.6	24	Pass
NVNT	ac20	5200	Ant1	9.59	24	Pass
NVNT	ac20	5240	Ant1	9.57	24	Pass
NVNT	ac40	5190	Ant1	9.42	24	Pass
NVNT	ac40	5230	Ant1	9.23	24	Pass
NVNT	ac80	5210	Ant1	9.4	24	Pass
NVNT	ax20	5180	Ant1	9.17	24	Pass
NVNT	ax20	5200	Ant1	9.25	24	Pass
NVNT	ax20	5240	Ant1	9	24	Pass
NVNT	ax40	5190	Ant1	9.17	24	Pass
NVNT	ax40	5230	Ant1	9.07	24	Pass
NVNT	ax80	5210	Ant1	8.92	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.194	Pass
NVNT	a	5200	Ant1	19.182	Pass
NVNT	a	5240	Ant1	19.56	Pass
NVNT	n20	5180	Ant1	19.797	Pass
NVNT	n20	5200	Ant1	19.992	Pass
NVNT	n20	5240	Ant1	19.776	Pass
NVNT	n40	5190	Ant1	40.02	Pass
NVNT	n40	5230	Ant1	40.104	Pass
NVNT	ac20	5180	Ant1	20.157	Pass
NVNT	ac20	5200	Ant1	20.841	Pass
NVNT	ac20	5240	Ant1	20.112	Pass
NVNT	ac40	5190	Ant1	40.92	Pass
NVNT	ac40	5230	Ant1	40.998	Pass
NVNT	ac80	5210	Ant1	80.592	Pass
NVNT	ax20	5180	Ant1	21.12	Pass
NVNT	ax20	5200	Ant1	20.967	Pass
NVNT	ax20	5240	Ant1	19.974	Pass
NVNT	ax40	5190	Ant1	39.648	Pass
NVNT	ax40	5230	Ant1	39.528	Pass
NVNT	ax80	5210	Ant1	80.208	Pass

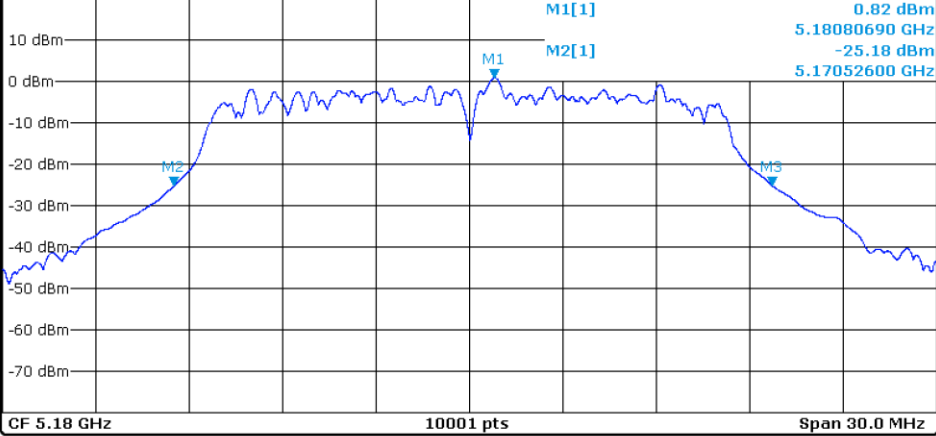
Test Graphs

-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



Marker

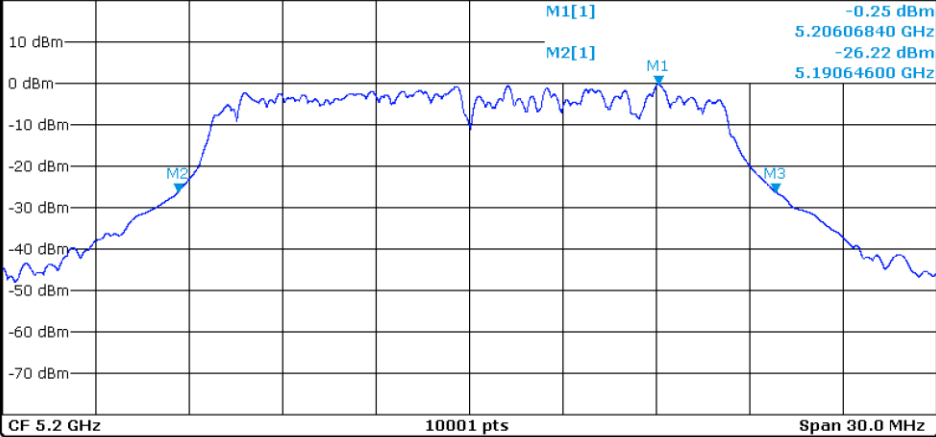
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.1808069 GHz	0.82 dBm		
M2	1		5.170526 GHz	-25.18 dBm		
M3	1		5.18972 GHz	-25.19 dBm		

-26dB Bandwidth NVNT a 5200MHz Ant1

Spectrum

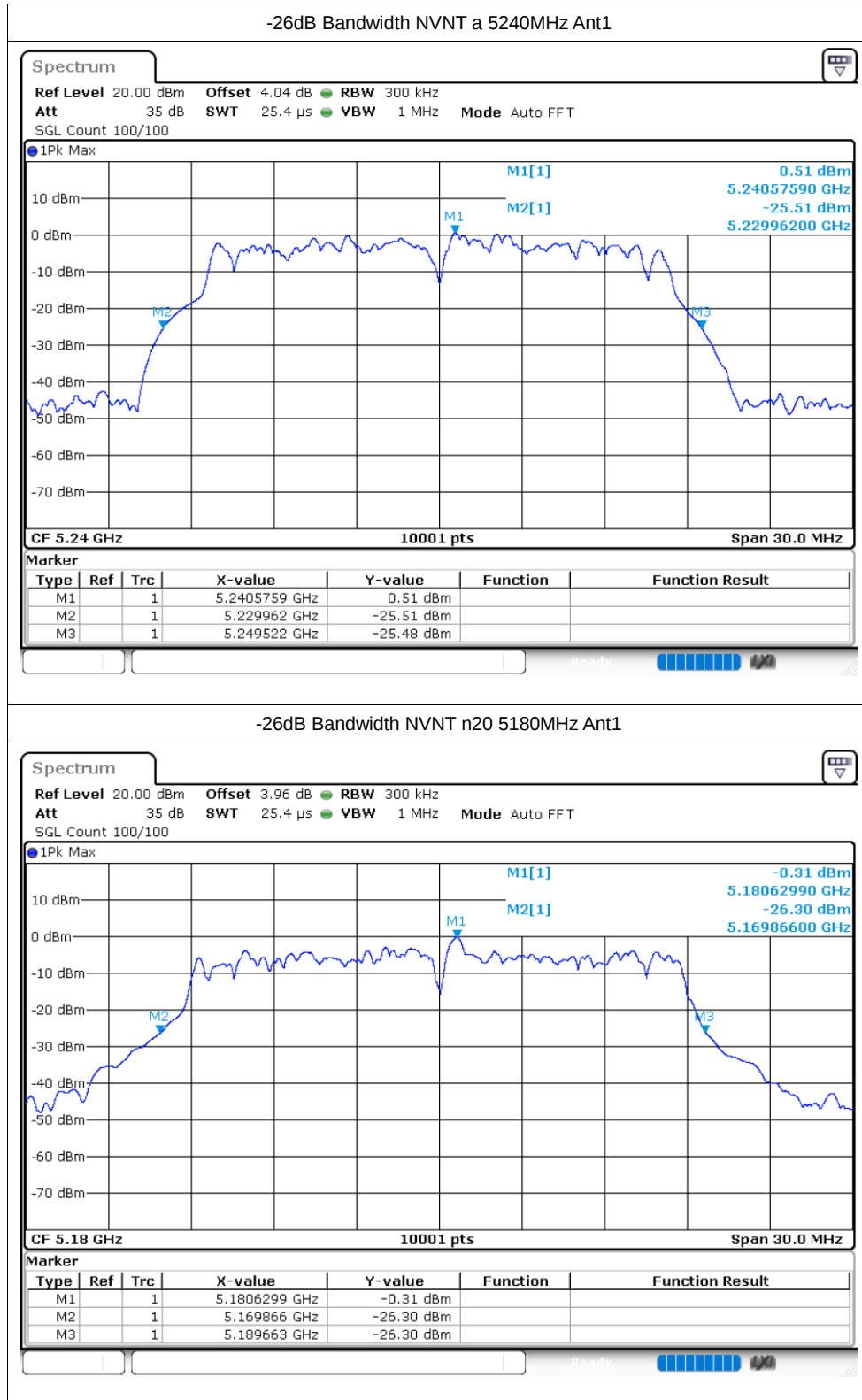
Ref Level 20.00 dBm Offset 4.02 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

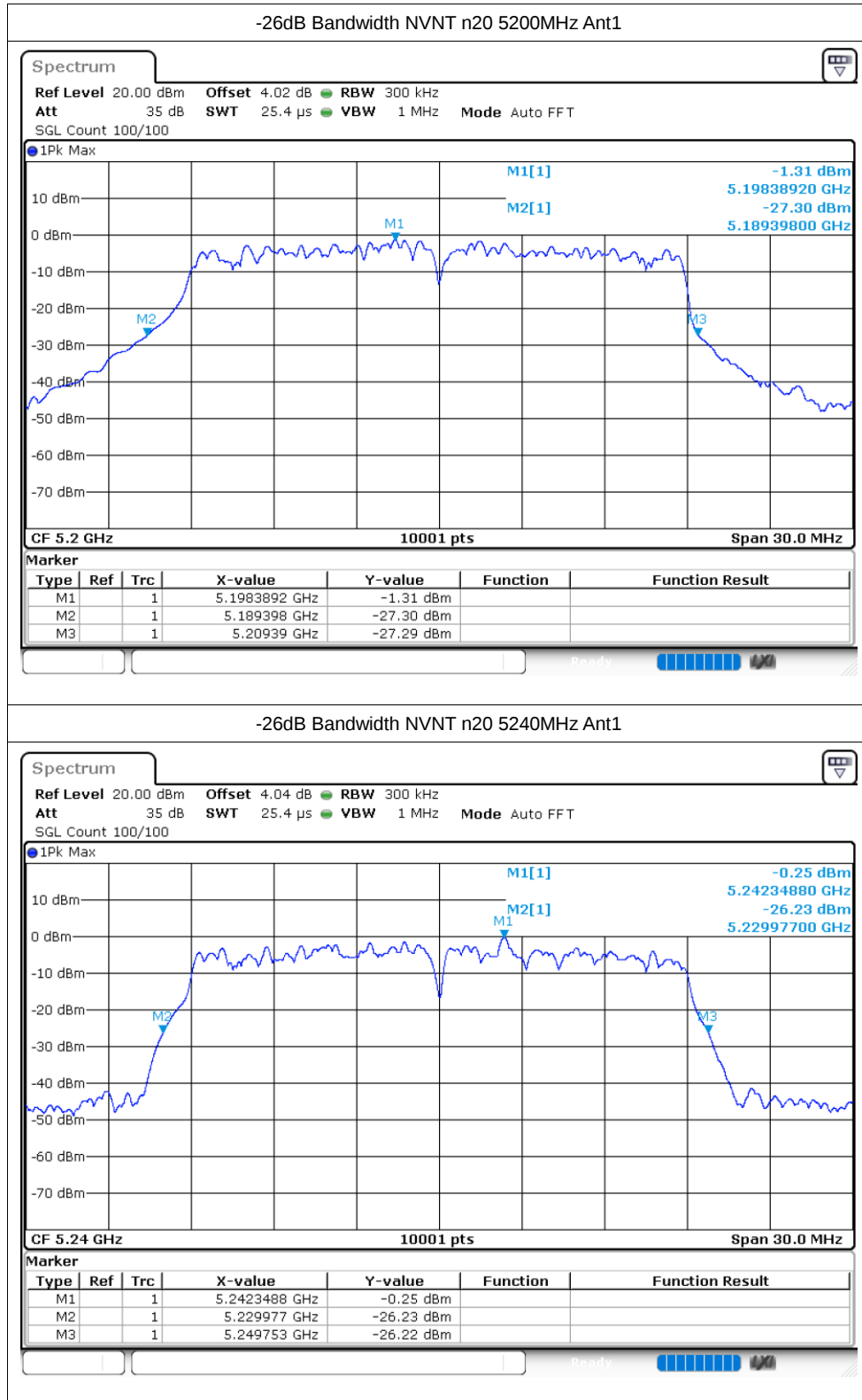
1Pk Max

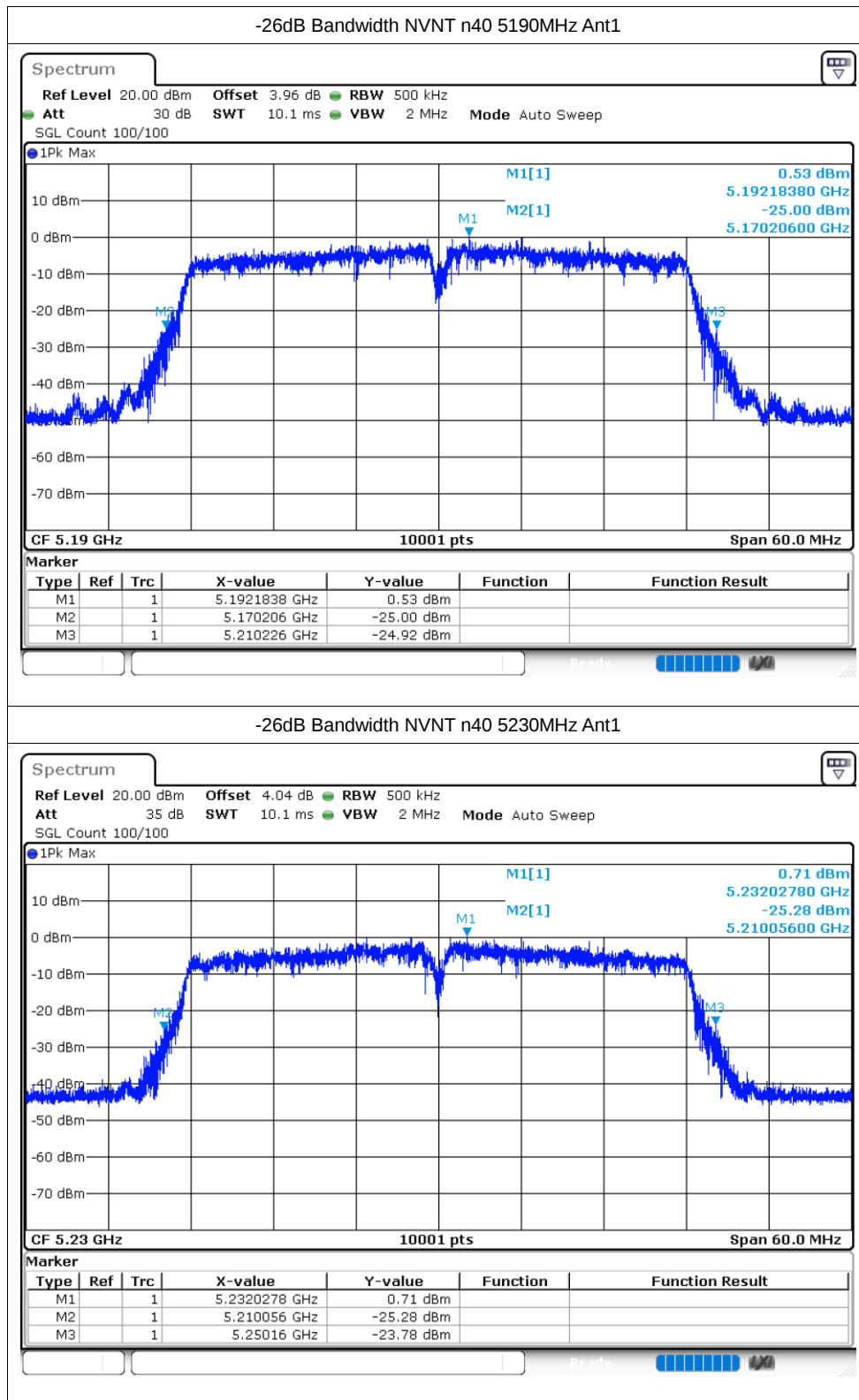


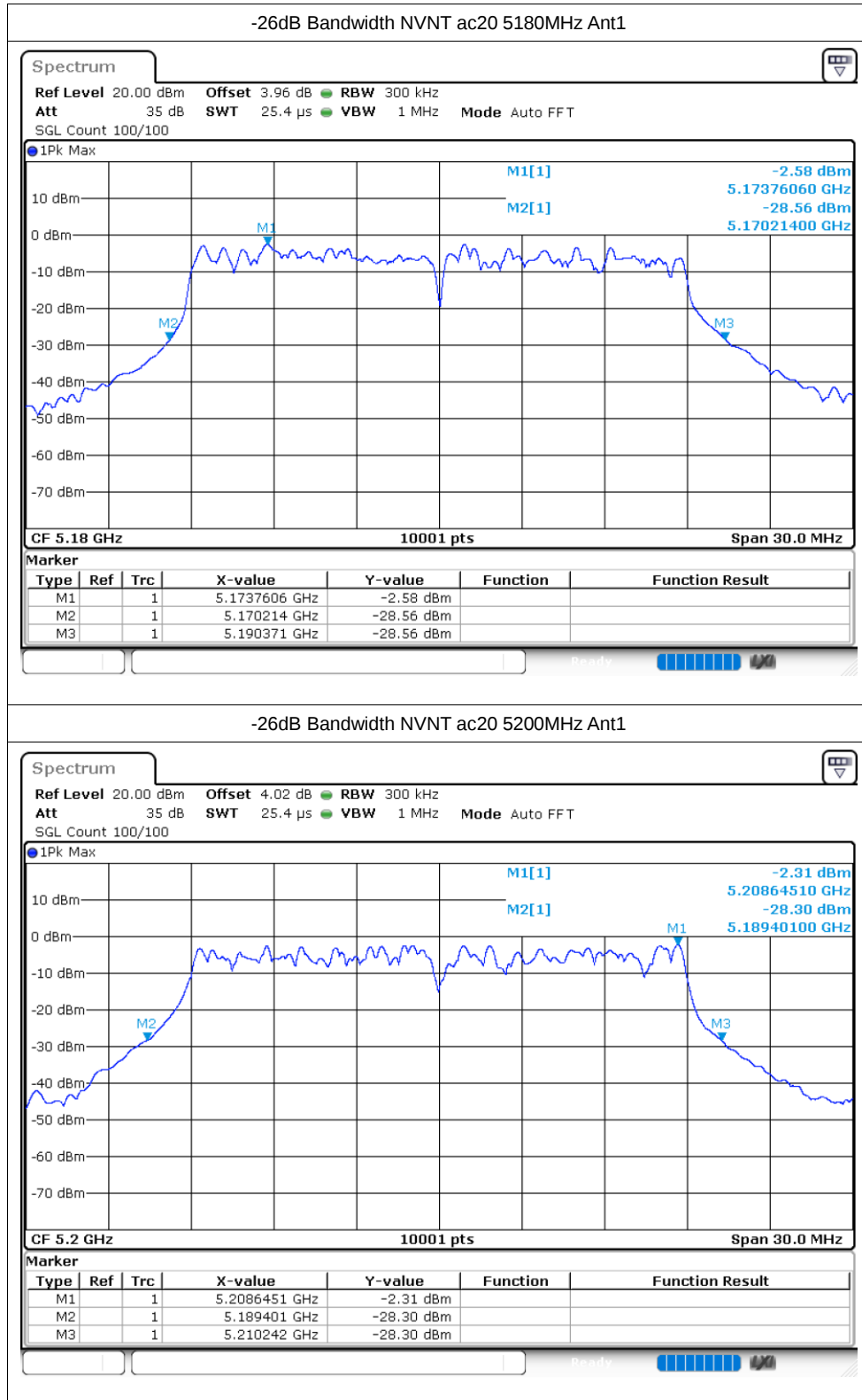
Marker

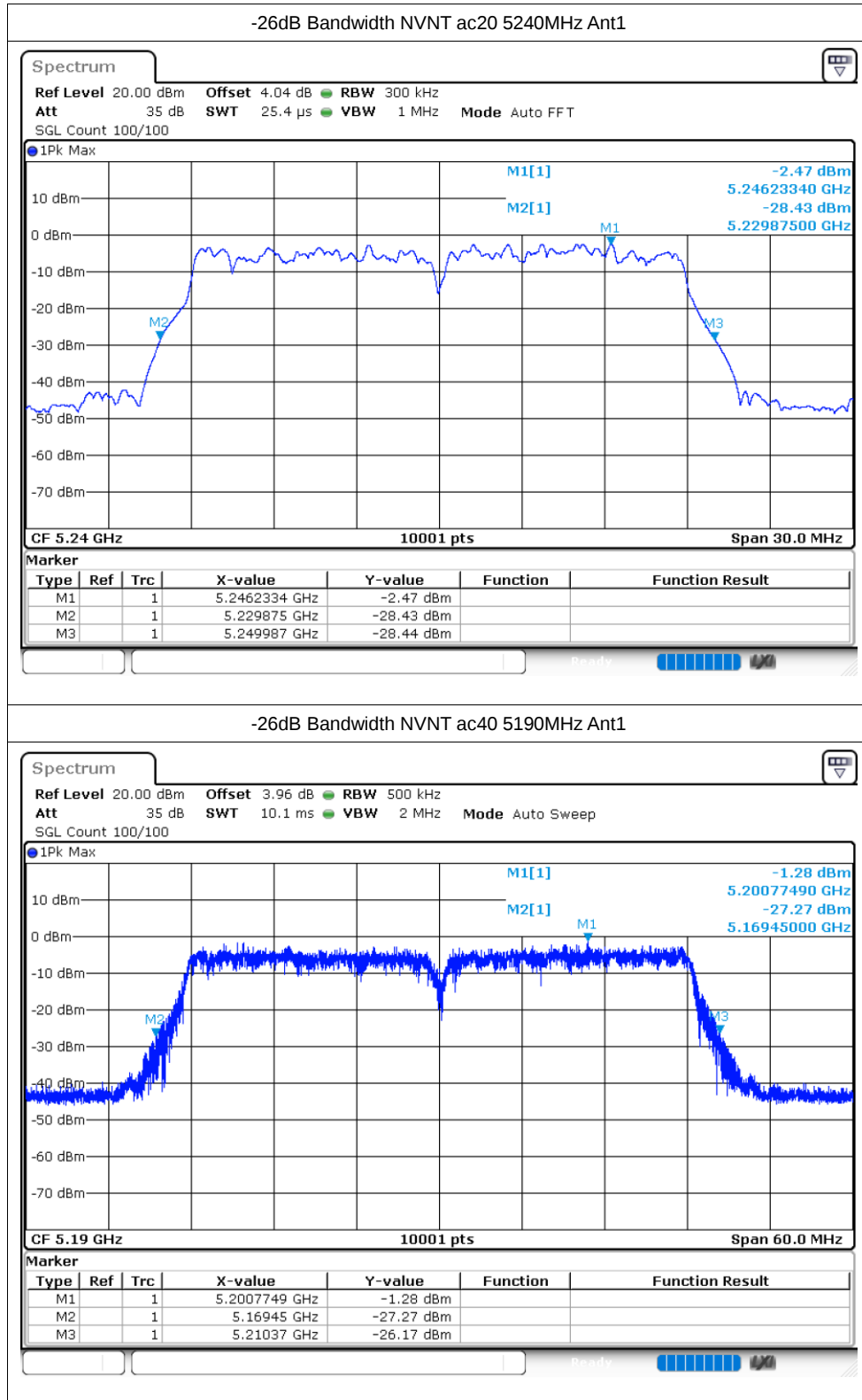
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.2060684 GHz	-0.25 dBm		
M2	1		5.190646 GHz	-26.22 dBm		
M3	1		5.209828 GHz	-26.24 dBm		

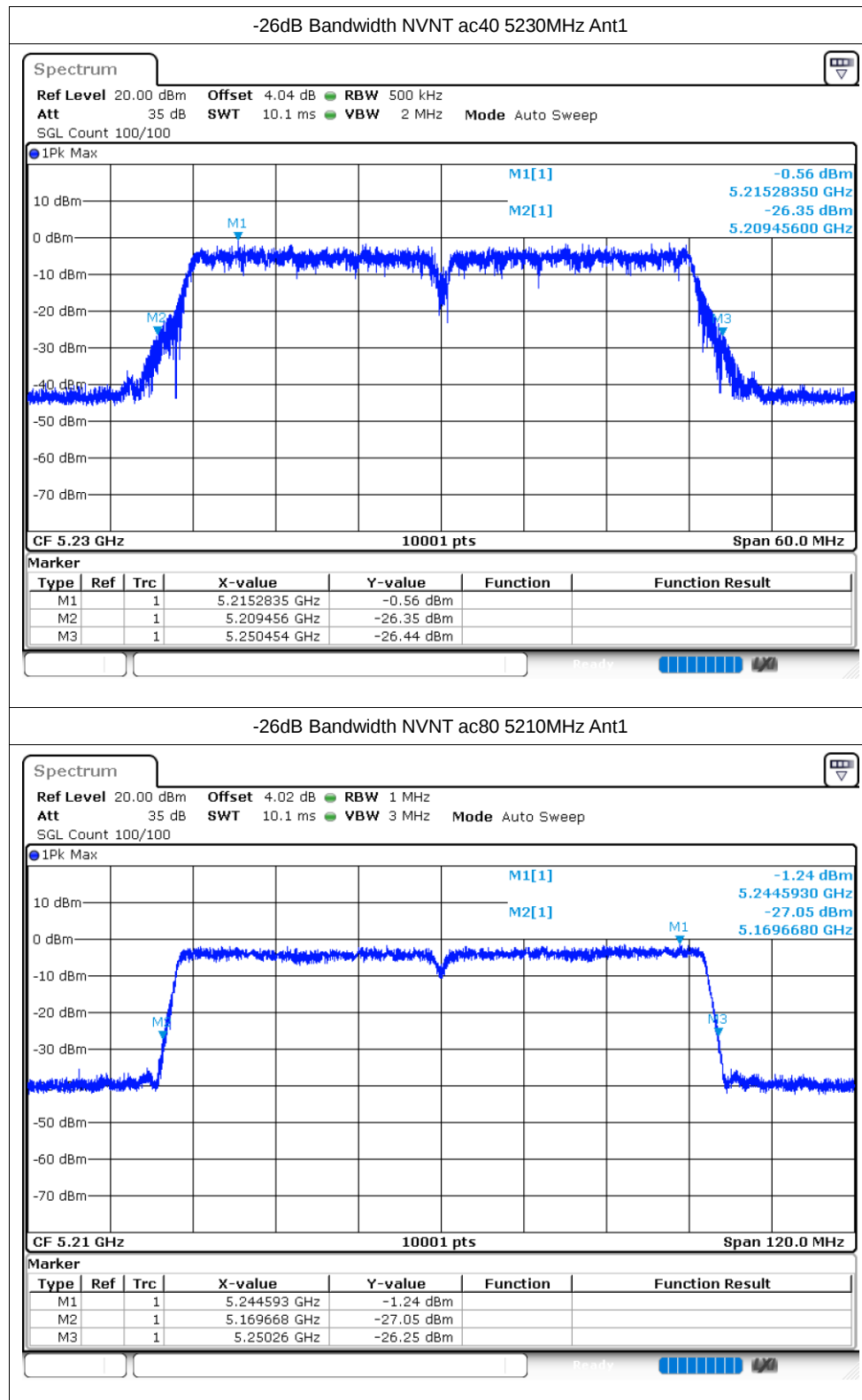


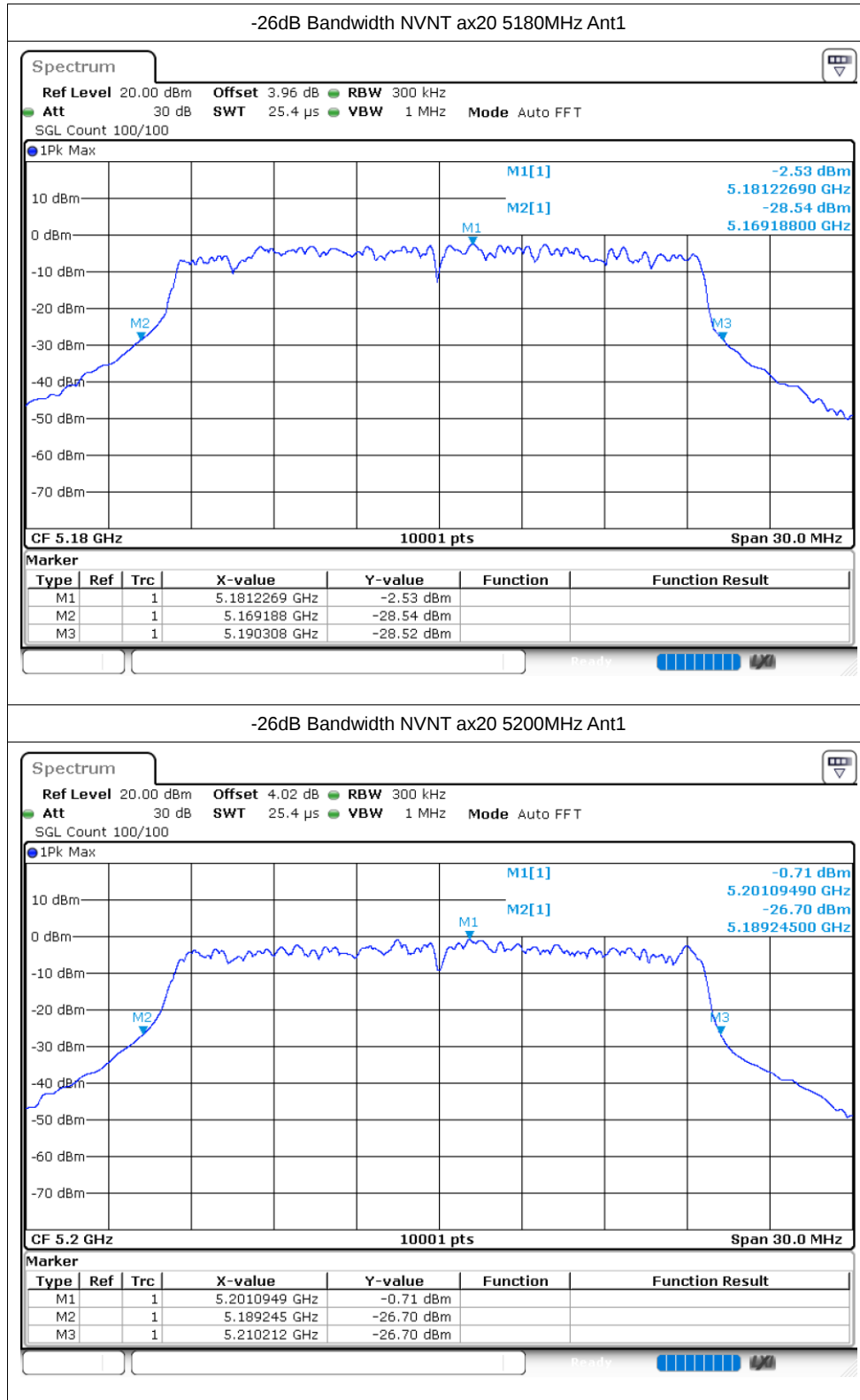


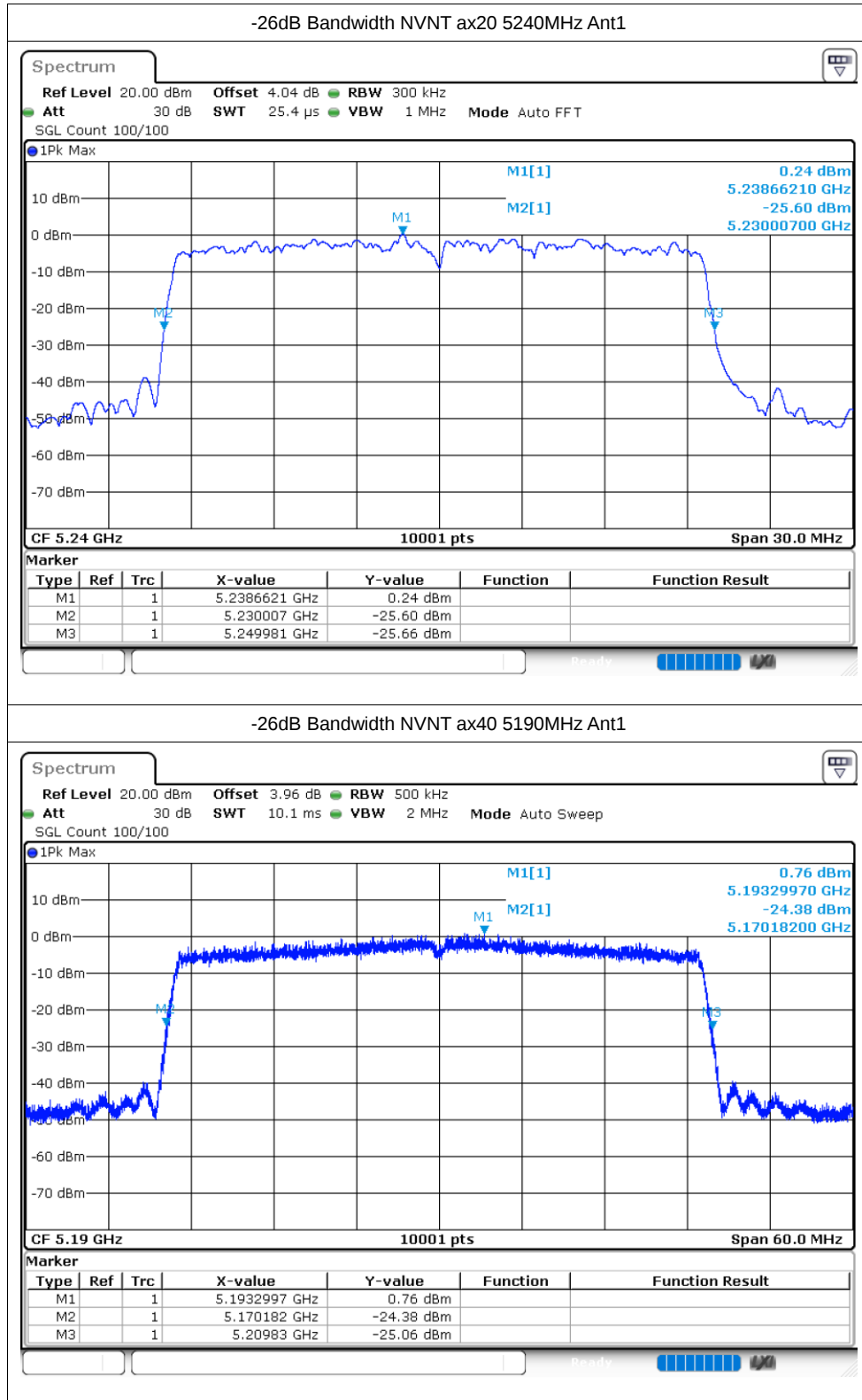


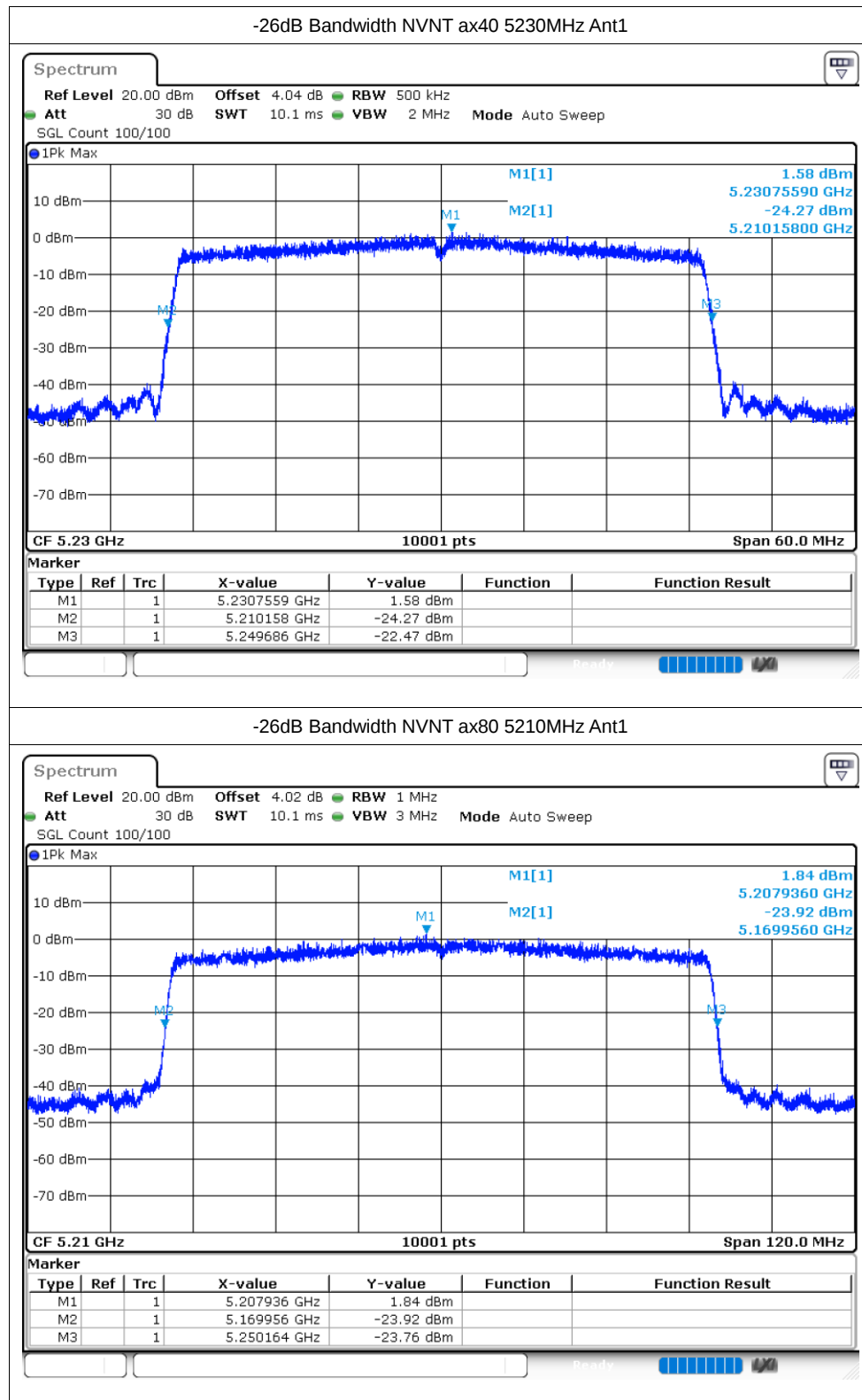










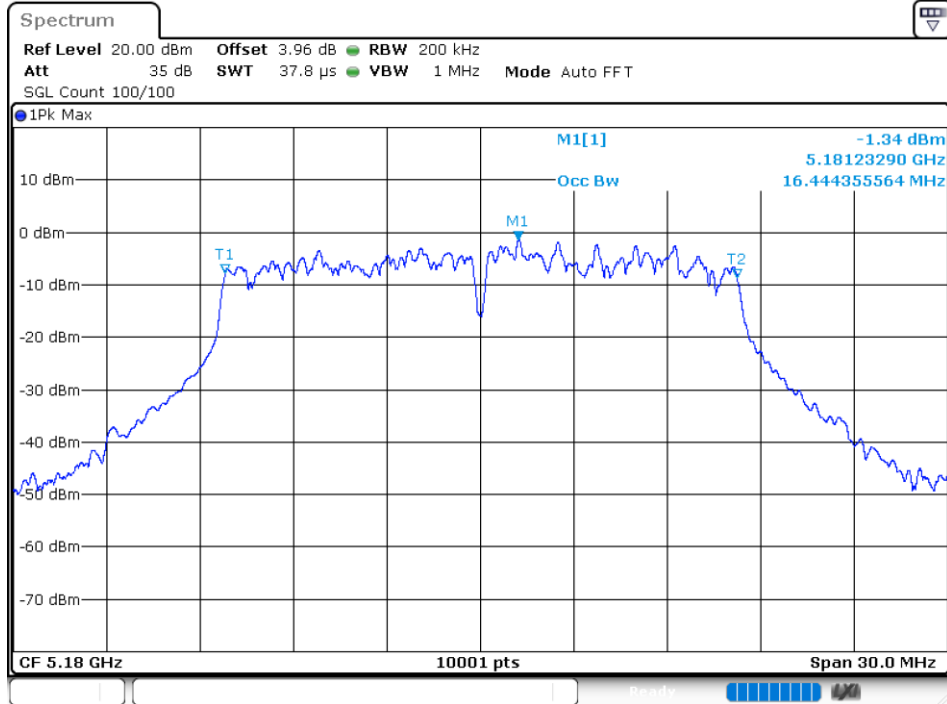


Occupied Channel Bandwidth

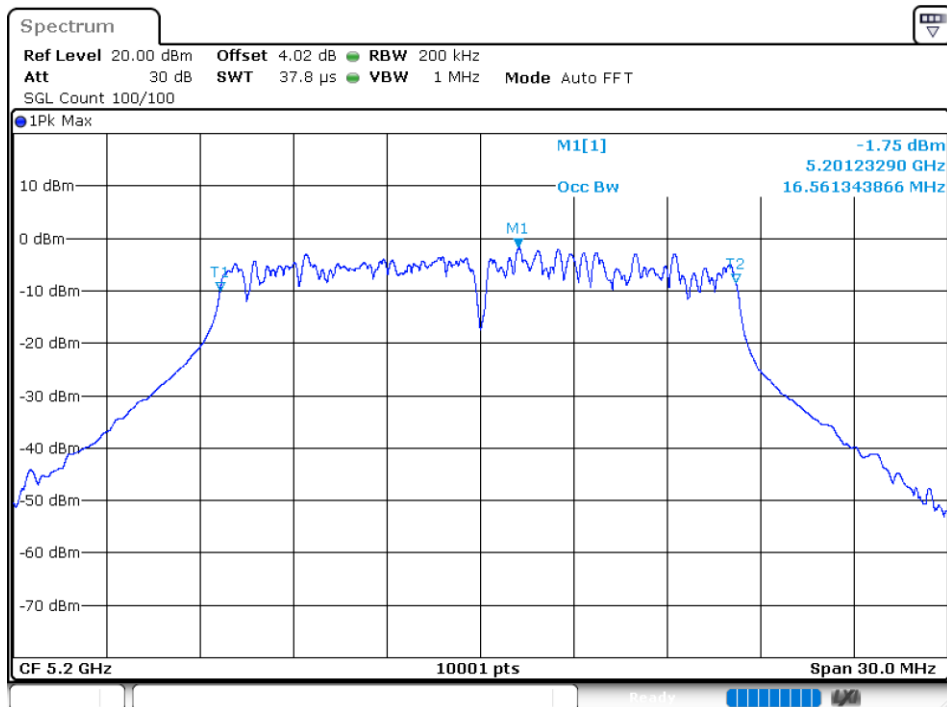
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.444
NVNT	a	5200	Ant1	16.561
NVNT	a	5240	Ant1	16.45
NVNT	n20	5180	Ant1	17.722
NVNT	n20	5200	Ant1	17.626
NVNT	n20	5240	Ant1	17.692
NVNT	n40	5190	Ant1	36.038
NVNT	n40	5230	Ant1	36.032
NVNT	ac20	5180	Ant1	17.647
NVNT	ac20	5200	Ant1	17.704
NVNT	ac20	5240	Ant1	17.743
NVNT	ac40	5190	Ant1	36.374
NVNT	ac40	5230	Ant1	36.386
NVNT	ac80	5210	Ant1	76.048
NVNT	ax20	5180	Ant1	18.856
NVNT	ax20	5200	Ant1	18.94
NVNT	ax20	5240	Ant1	18.922
NVNT	ax40	5190	Ant1	37.568
NVNT	ax40	5230	Ant1	37.532
NVNT	ax80	5210	Ant1	76.768

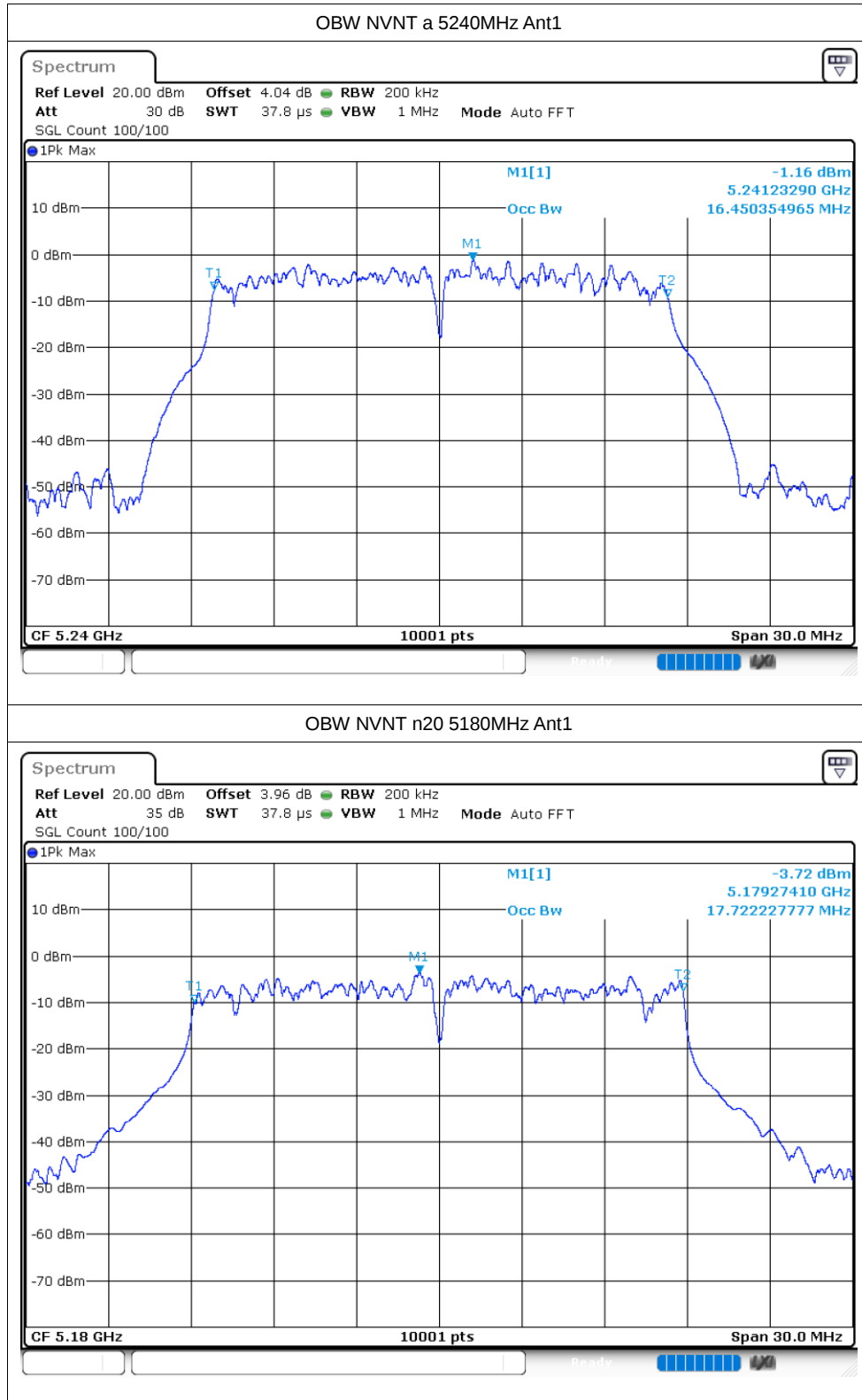
Test Graphs

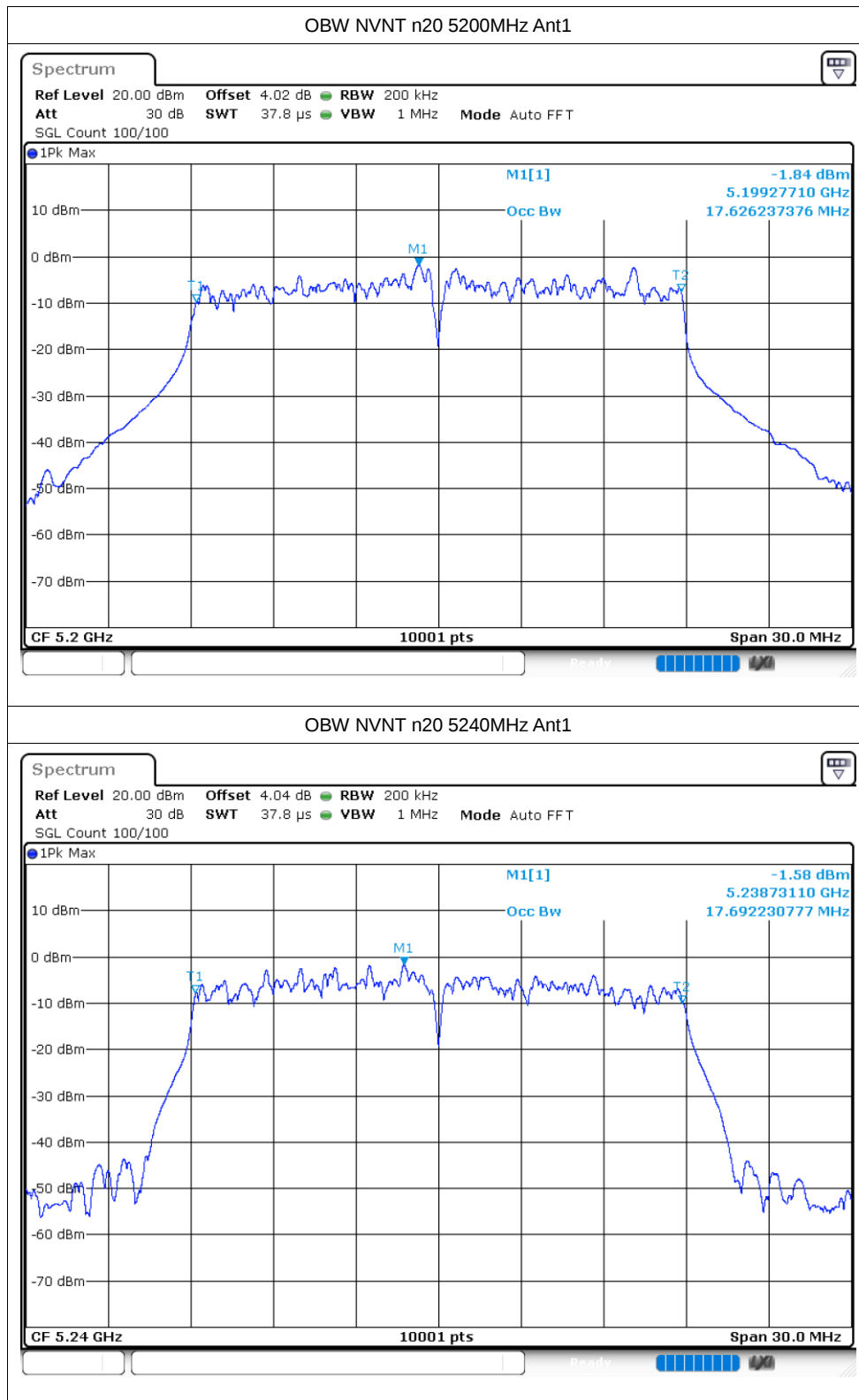
OBW NVNT a 5180MHz Ant1

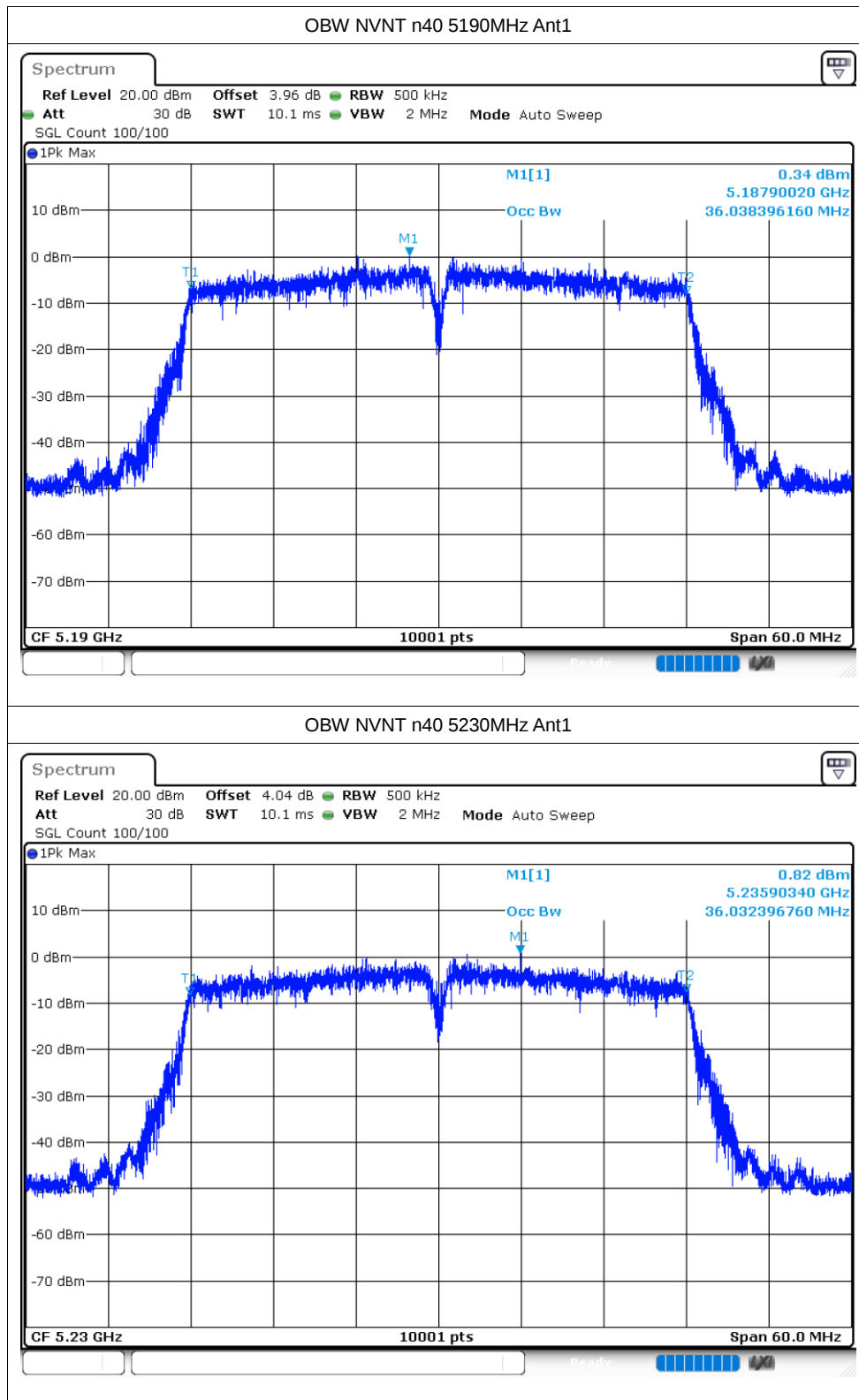


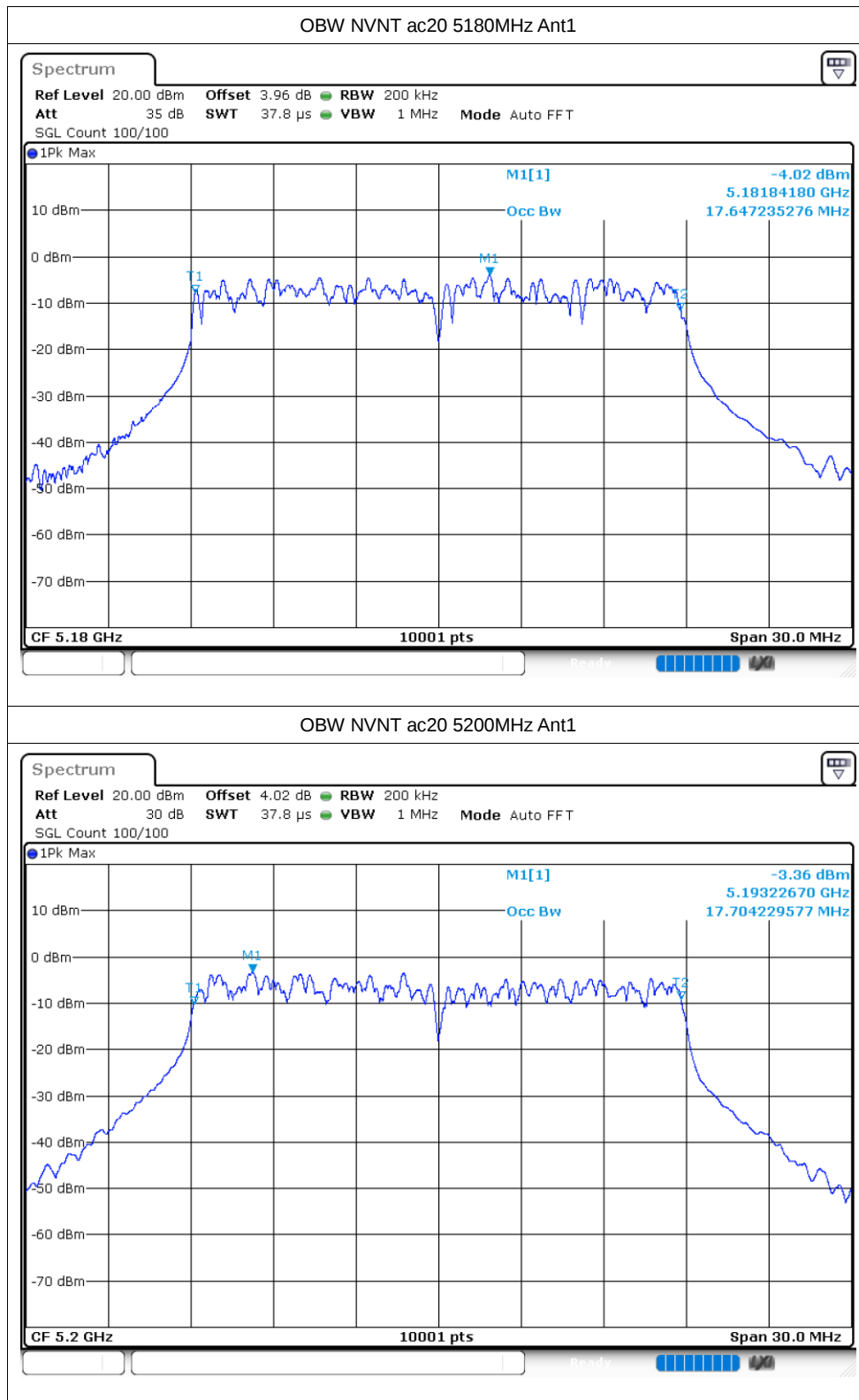
OBW NVNT a 5200MHz Ant1

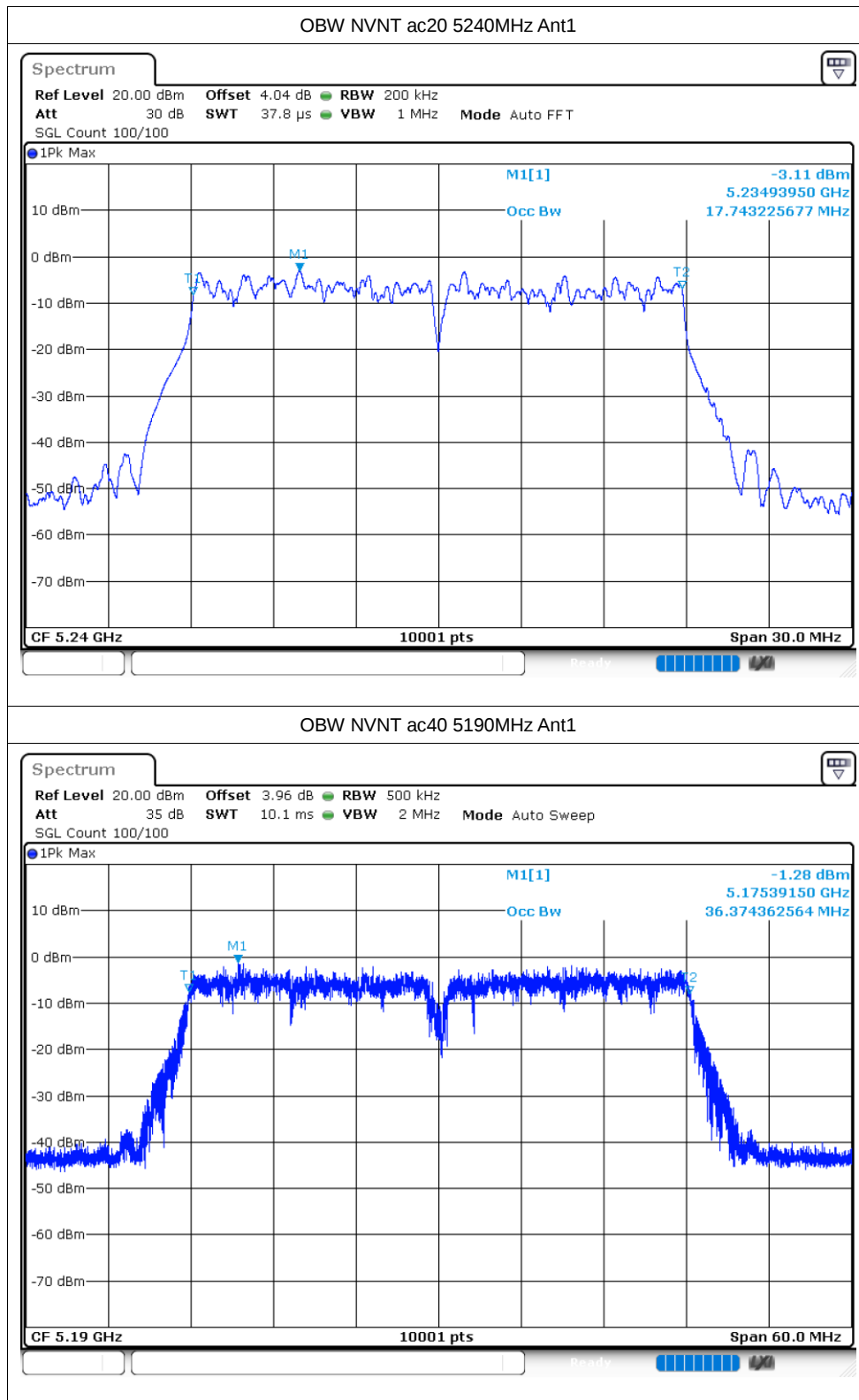


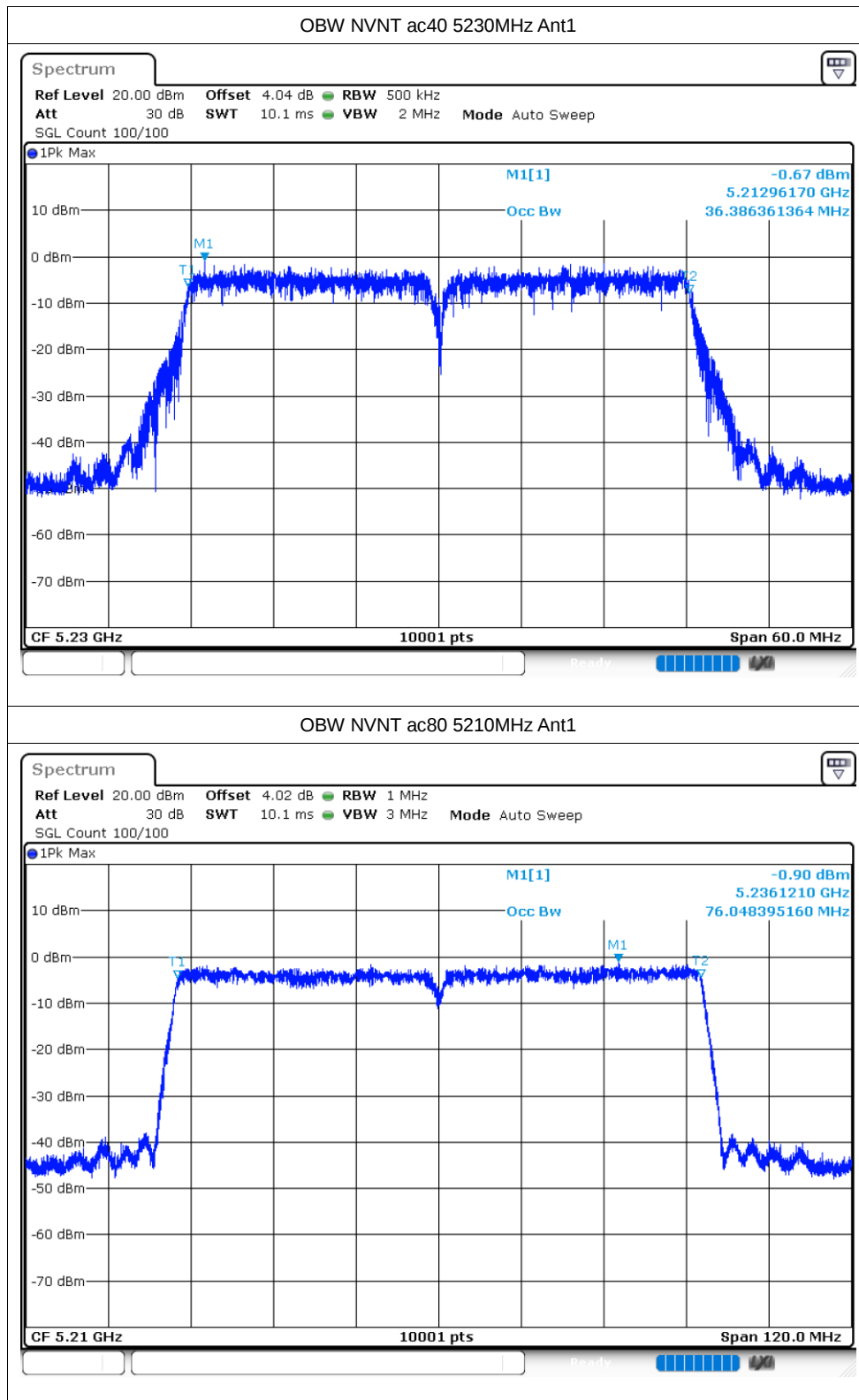


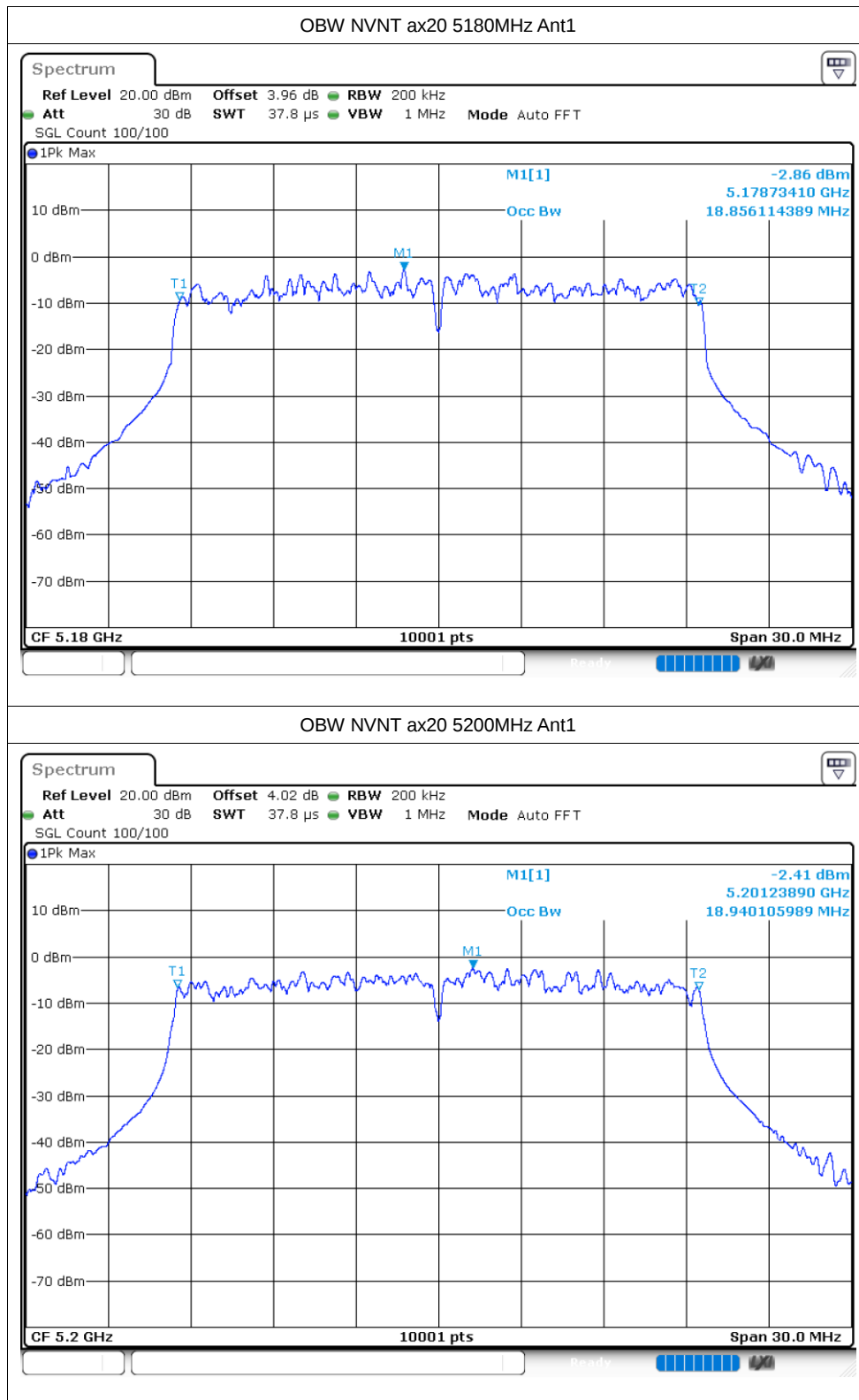


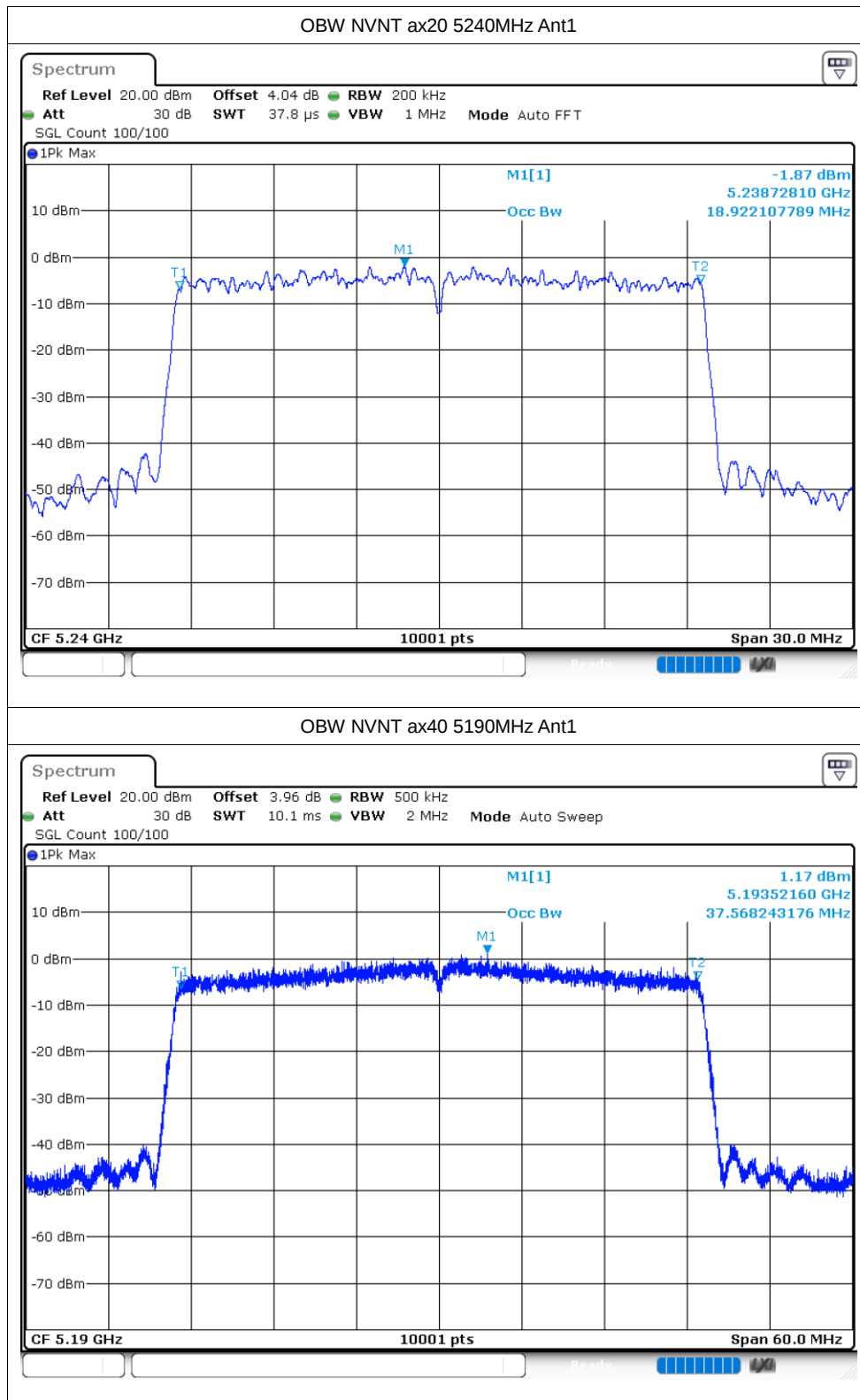


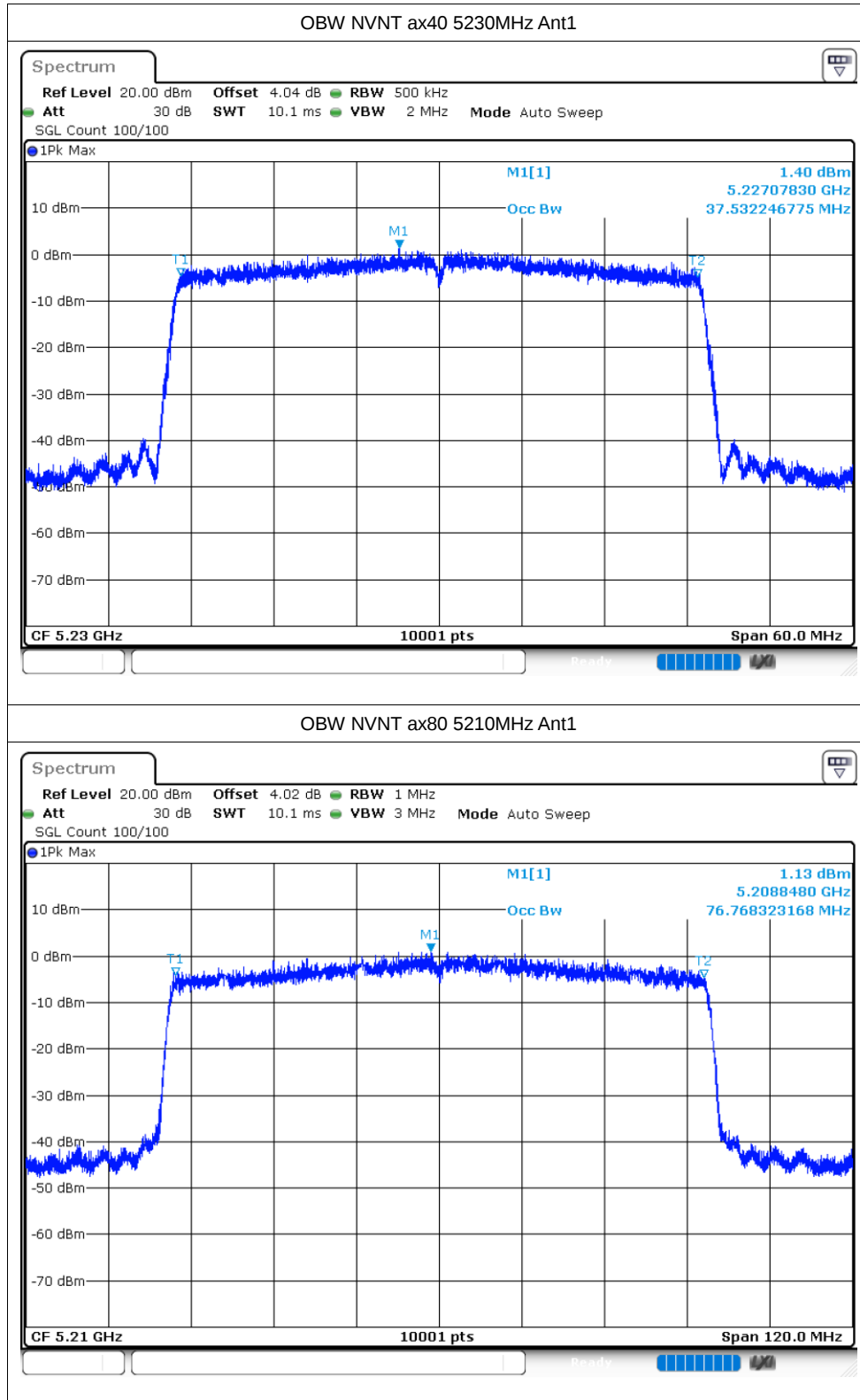










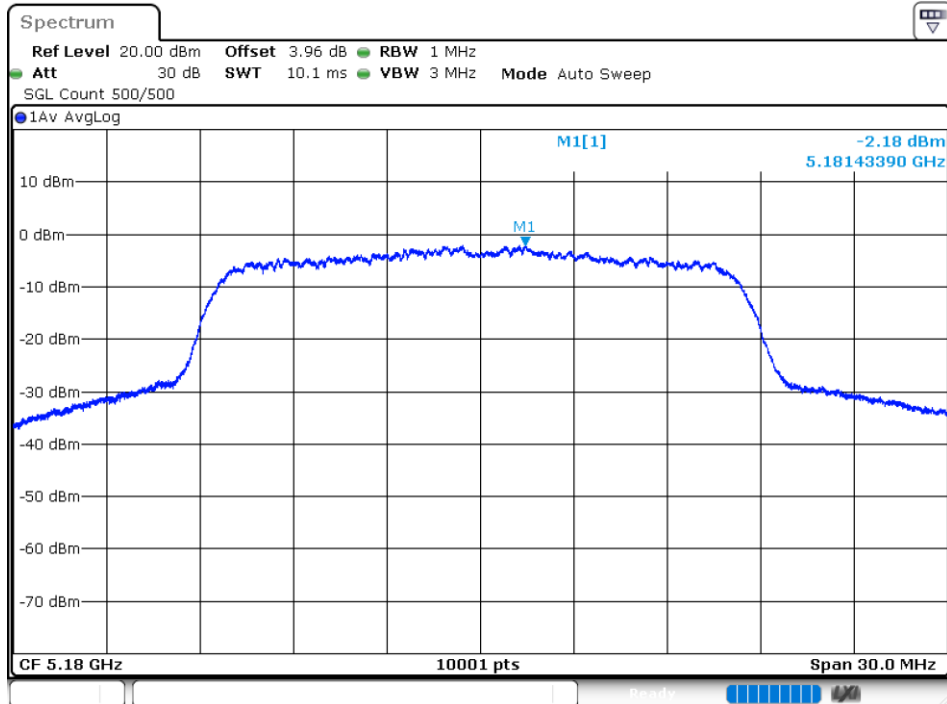


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-2.18	8.11	5.93	11	Pass
NVNT	a	5200	Ant1	-1.56	8.03	6.47	11	Pass
NVNT	a	5240	Ant1	-1.3	8.01	6.71	11	Pass
NVNT	n20	5180	Ant1	-2.99	8.3	5.31	11	Pass
NVNT	n20	5200	Ant1	-2.07	8.35	6.28	11	Pass
NVNT	n20	5240	Ant1	-1.88	8.29	6.41	11	Pass
NVNT	n40	5190	Ant1	-22.58	10.3	-12.28	11	Pass
NVNT	n40	5230	Ant1	-26.42	10.3	-16.12	11	Pass
NVNT	ac20	5180	Ant1	-1.58	8.77	7.19	11	Pass
NVNT	ac20	5200	Ant1	-1.24	8.81	7.57	11	Pass
NVNT	ac20	5240	Ant1	-1.06	8.77	7.71	11	Pass
NVNT	ac40	5190	Ant1	-25.29	10.9	-14.39	11	Pass
NVNT	ac40	5230	Ant1	-27.23	10.8	-16.43	11	Pass
NVNT	ac80	5210	Ant1	-36.35	12.07	-24.28	11	Pass
NVNT	ax20	5180	Ant1	-38.59	4.98	-33.61	11	Pass
NVNT	ax20	5200	Ant1	-26.58	2.46	-24.12	11	Pass
NVNT	ax20	5240	Ant1	-11.52	0.66	-10.86	11	Pass
NVNT	ax40	5190	Ant1	-19.93	1.24	-18.69	11	Pass
NVNT	ax40	5230	Ant1	-17.46	0.94	-16.52	11	Pass
NVNT	ax80	5210	Ant1	-23.15	1.75	-21.4	11	Pass

Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1

