

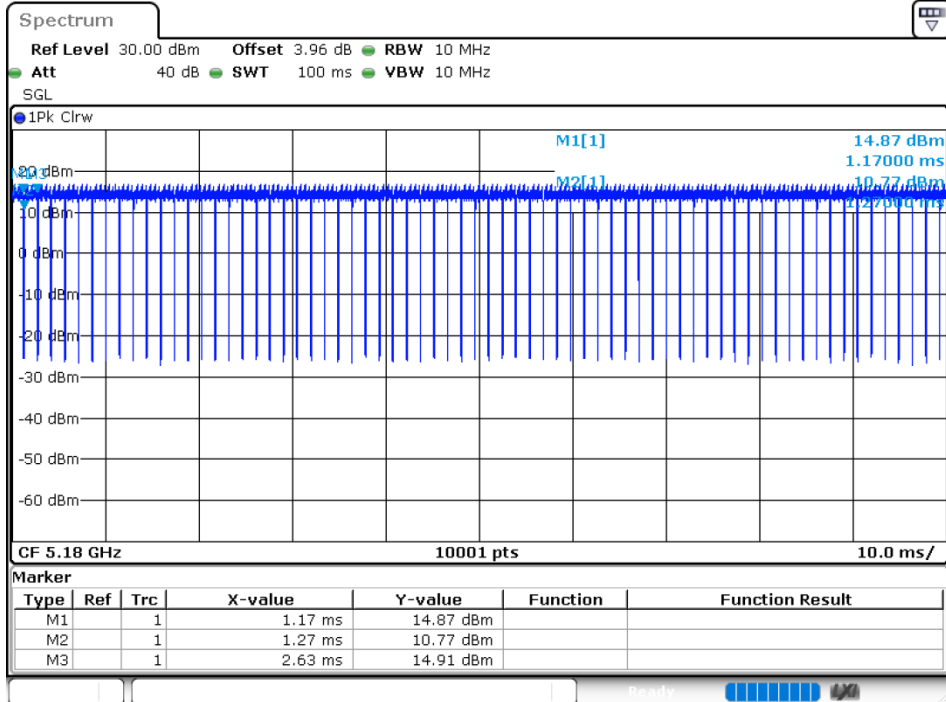
5.2G:

Duty Cycle

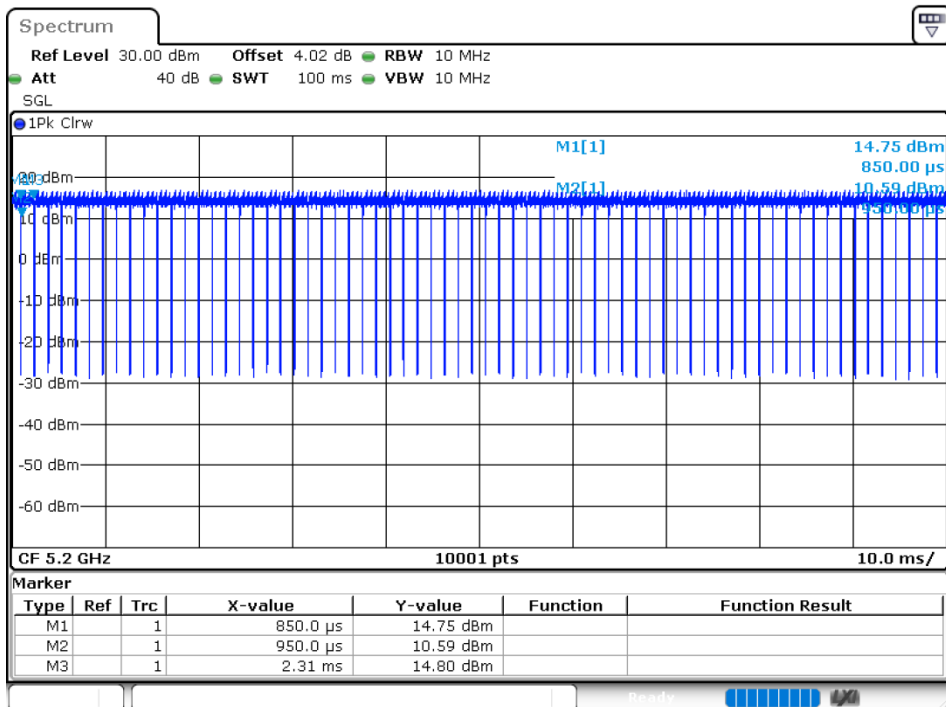
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	93.65	0.28	0.74
NVNT	a	5200	Ant1	93.66	0.28	0.74
NVNT	a	5240	Ant1	93.66	0.28	0.74
NVNT	n20	5180	Ant1	93.19	0.31	0.79
NVNT	n20	5200	Ant1	93.17	0.31	0.79
NVNT	n20	5240	Ant1	93.18	0.31	0.79
NVNT	n40	5190	Ant1	87.32	0.59	1.56
NVNT	n40	5230	Ant1	87.33	0.59	1.59
NVNT	ac20	5180	Ant1	93.26	0.3	0.79
NVNT	ac20	5200	Ant1	93.31	0.3	0.78
NVNT	ac20	5240	Ant1	93.17	0.31	0.78
NVNT	ac40	5190	Ant1	87.34	0.59	1.56
NVNT	ac40	5230	Ant1	87.4	0.58	1.59
NVNT	ac80	5210	Ant1	77.79	1.09	3.13
NVNT	ax20	5180	Ant1	93.48	0.29	50
NVNT	ax20	5200	Ant1	85.45	0.68	1.92
NVNT	ax20	5240	Ant1	85.53	0.68	1.89
NVNT	ax40	5190	Ant1	85.46	0.68	1.92
NVNT	ax40	5230	Ant1	85.38	0.69	1.92
NVNT	ax80	5210	Ant1	76.35	1.17	3.57

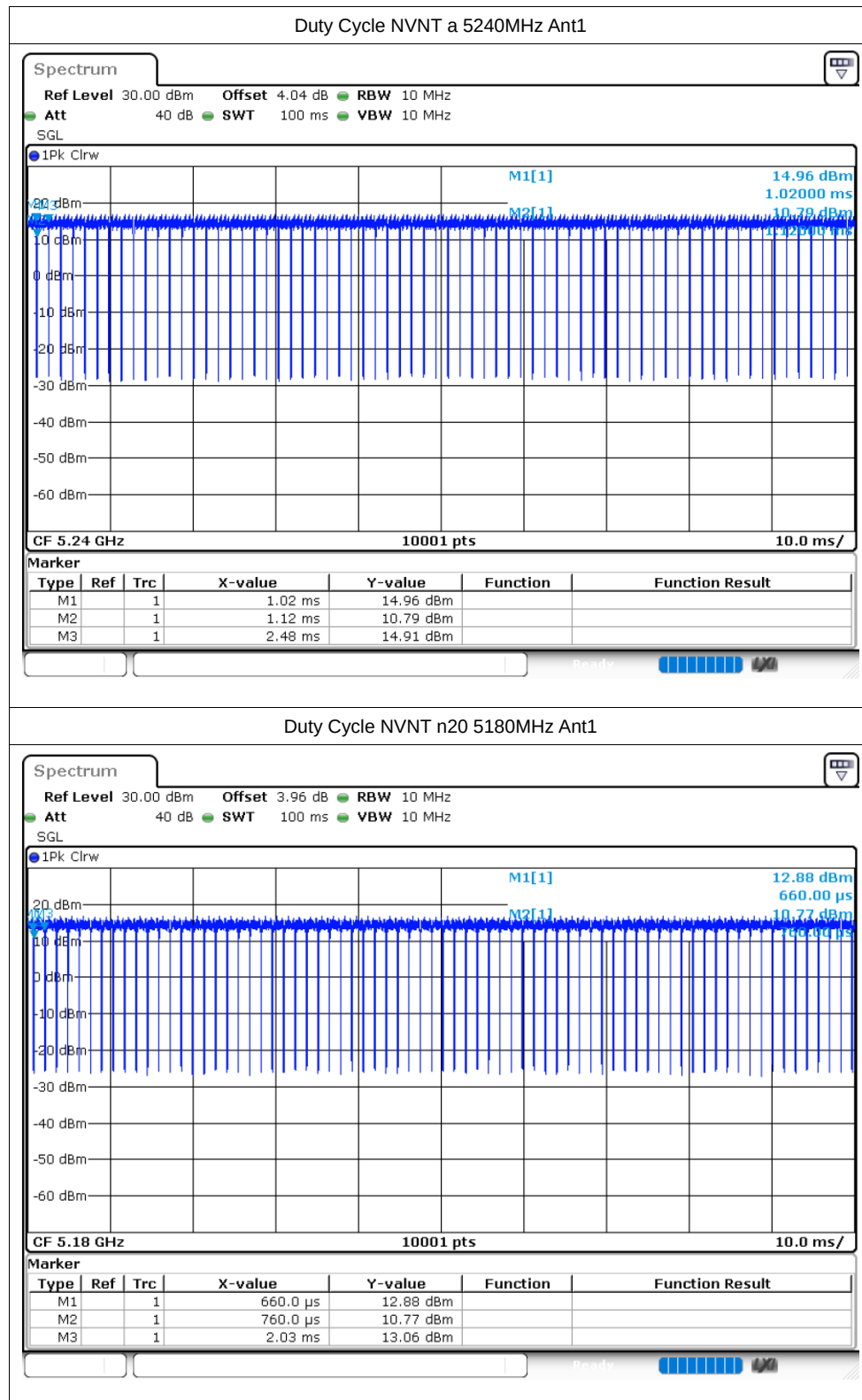
Test Graphs

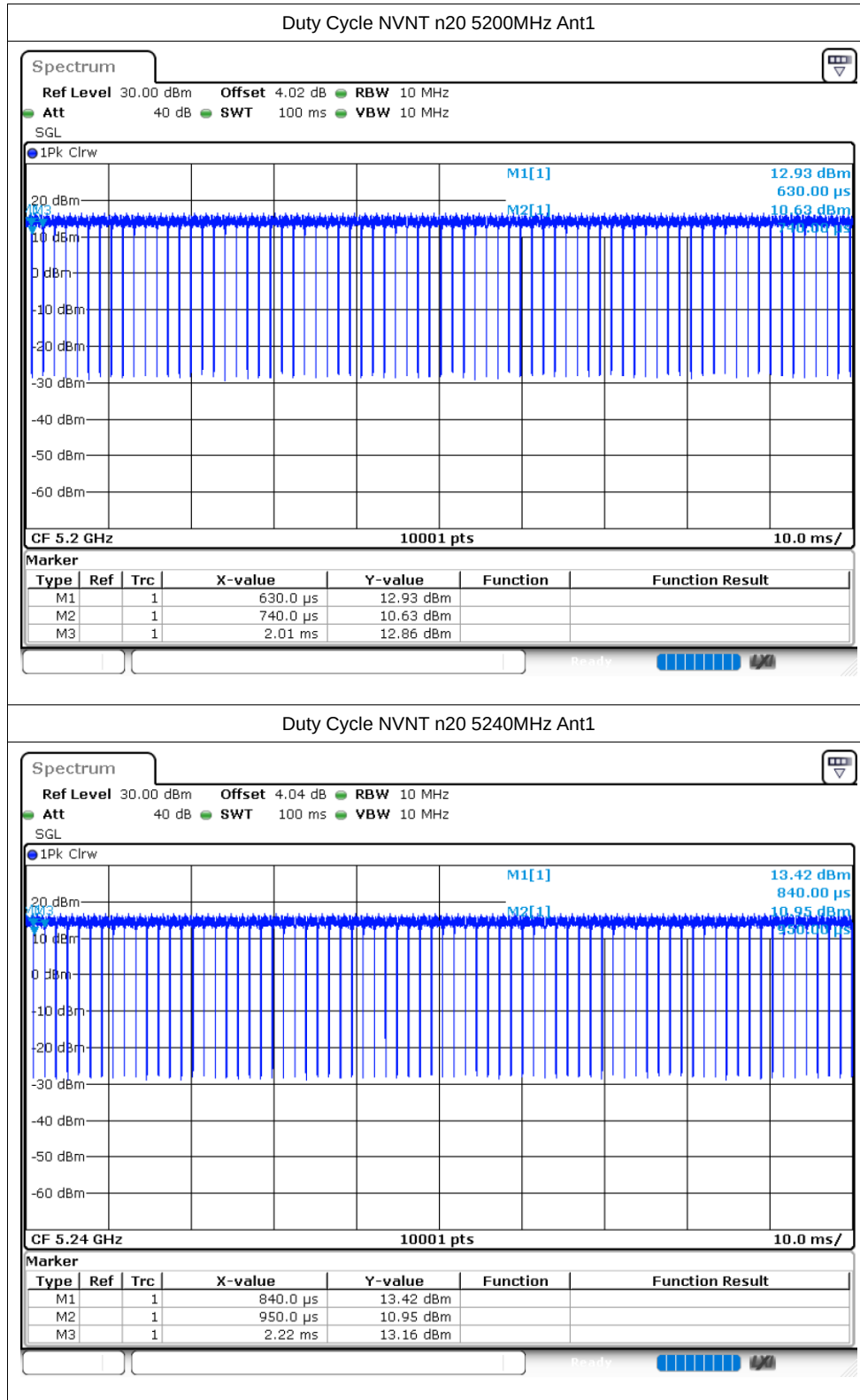
Duty Cycle NVNT a 5180MHz Ant1

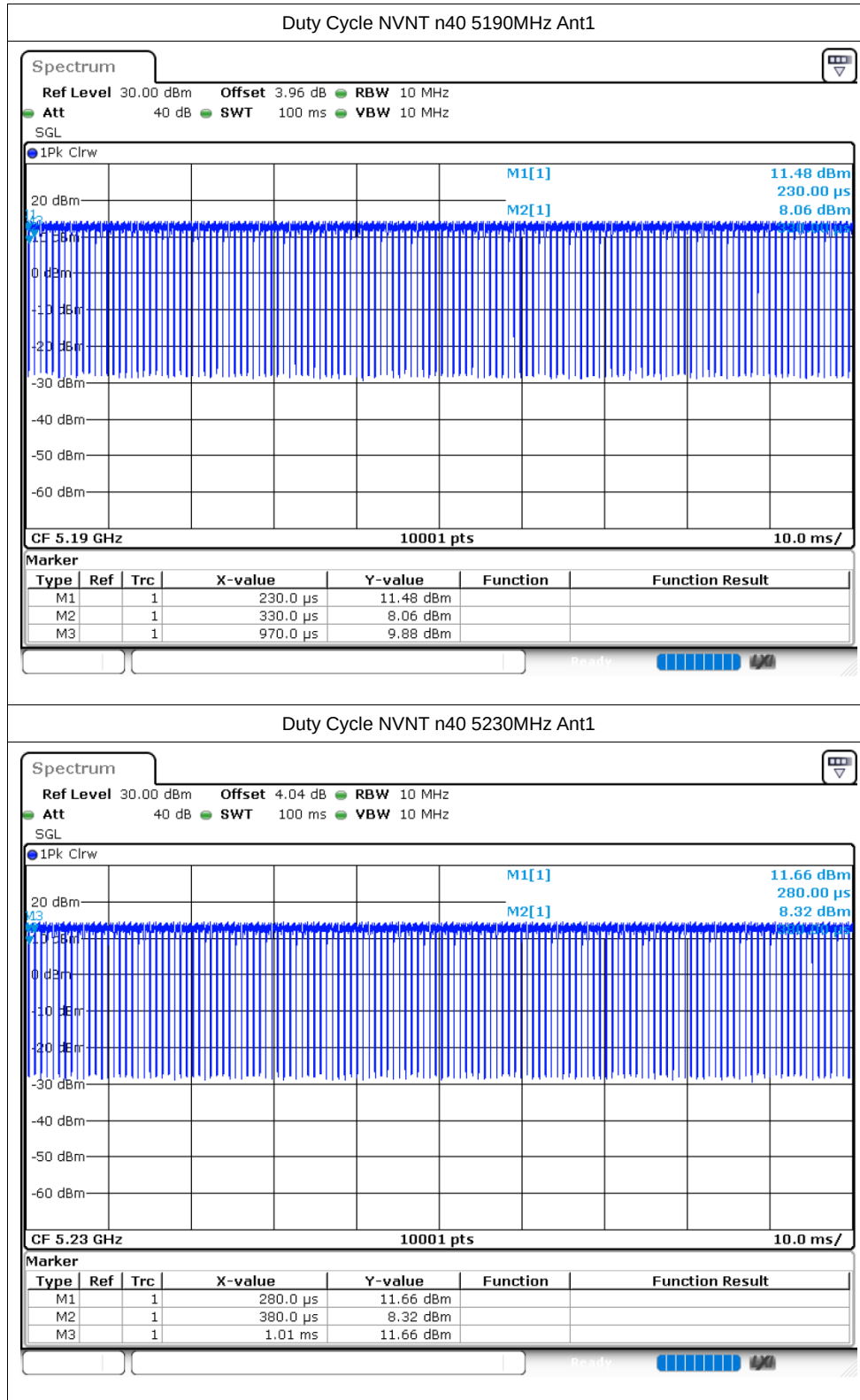


Duty Cycle NVNT a 5200MHz Ant1

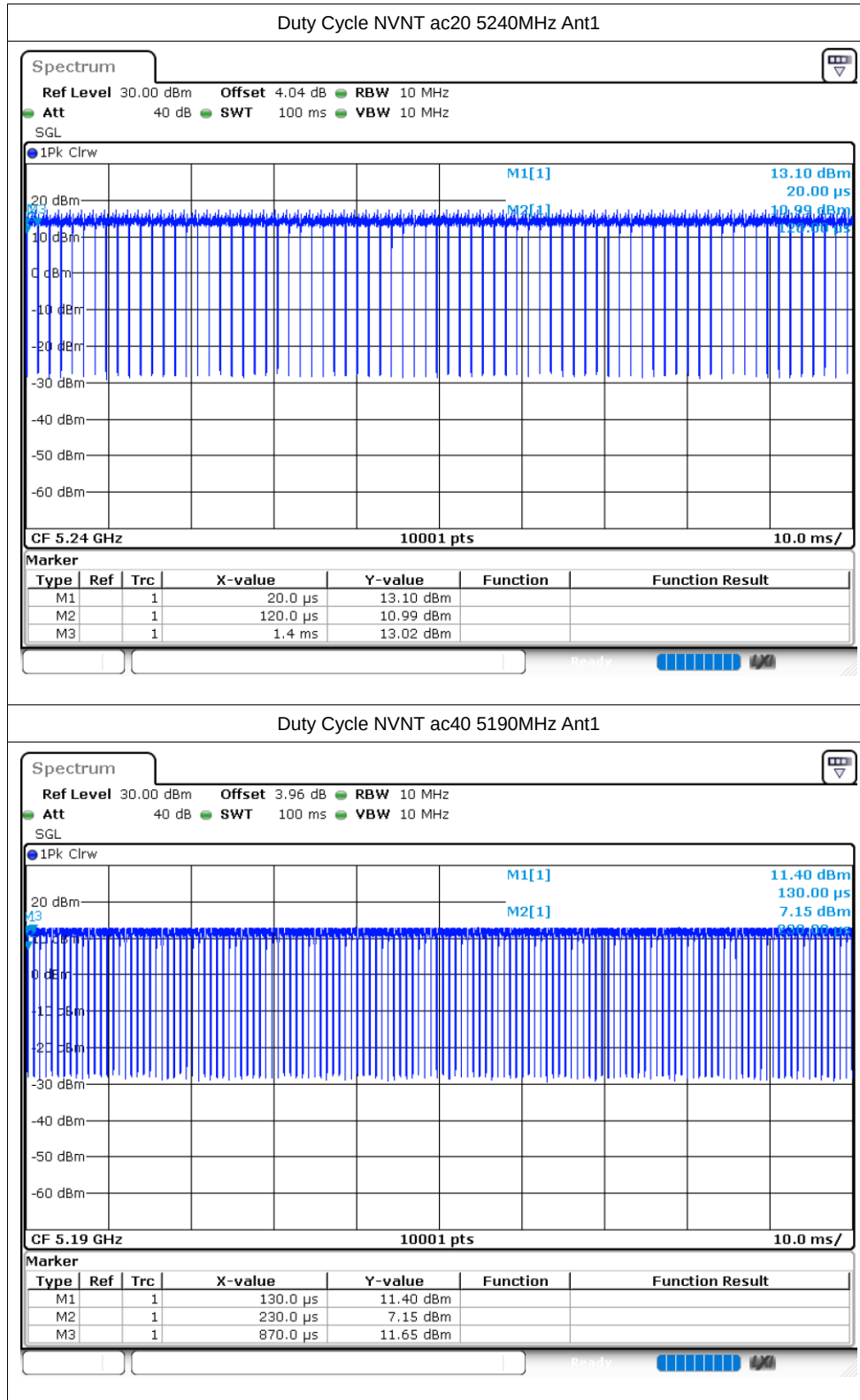


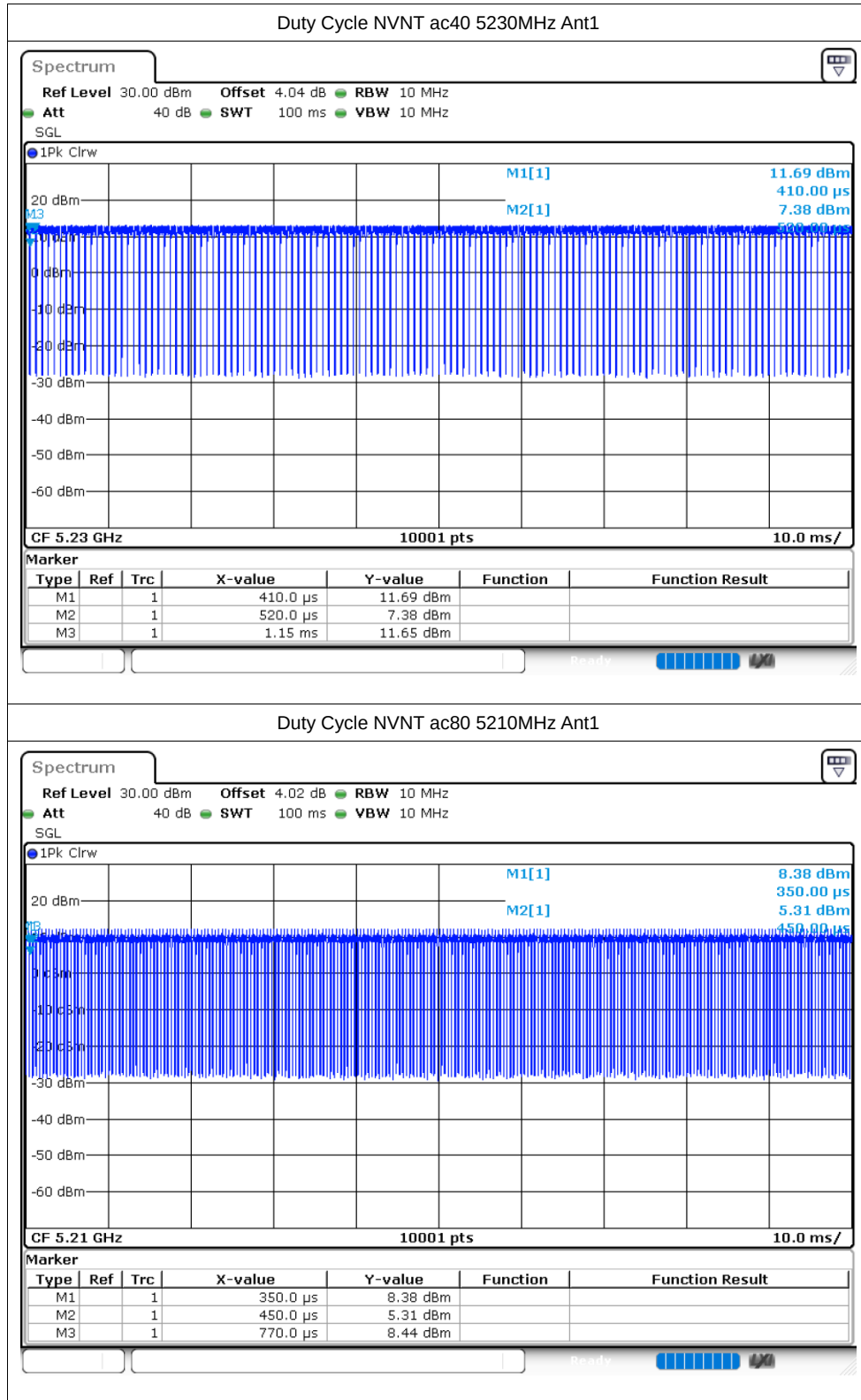


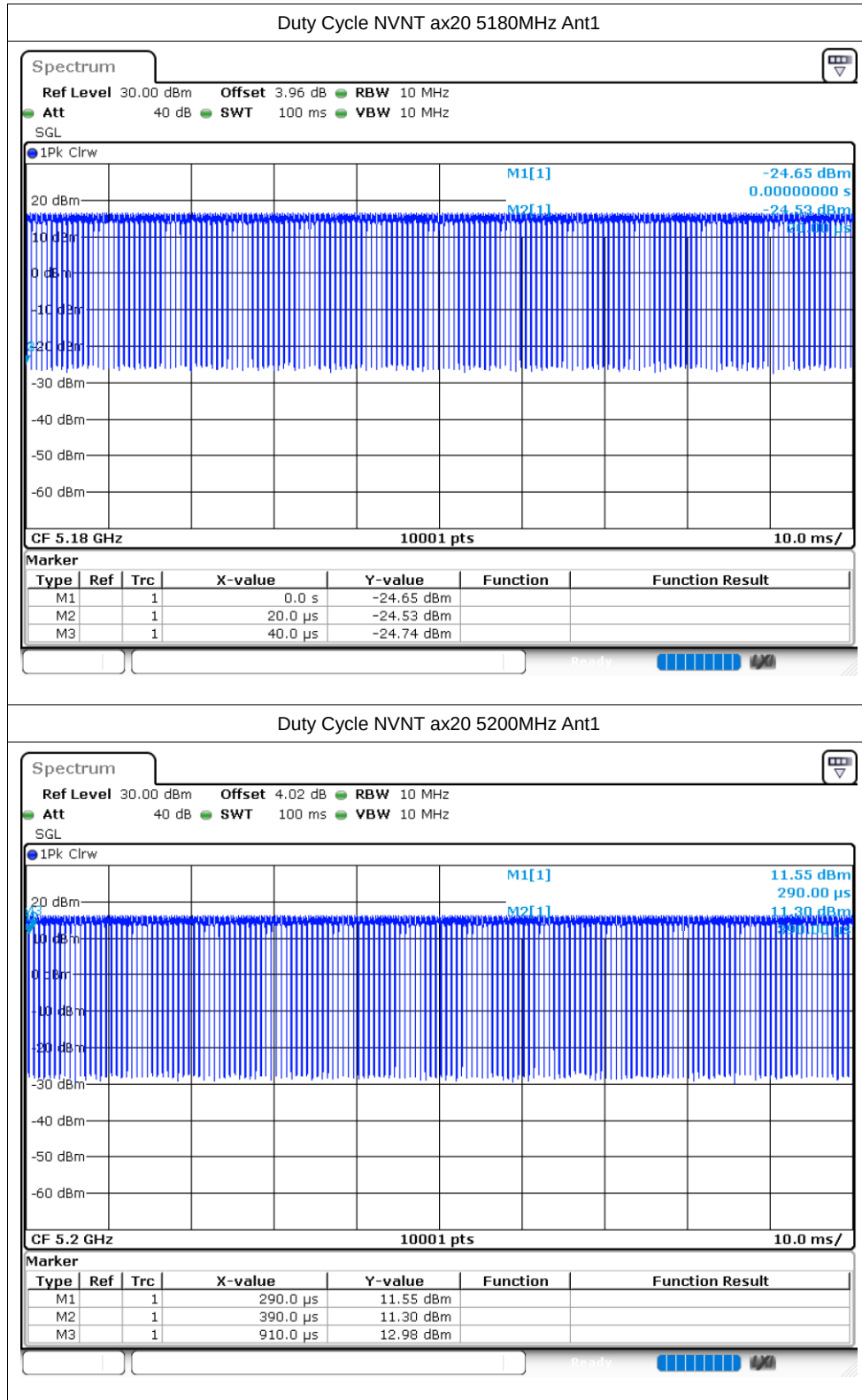


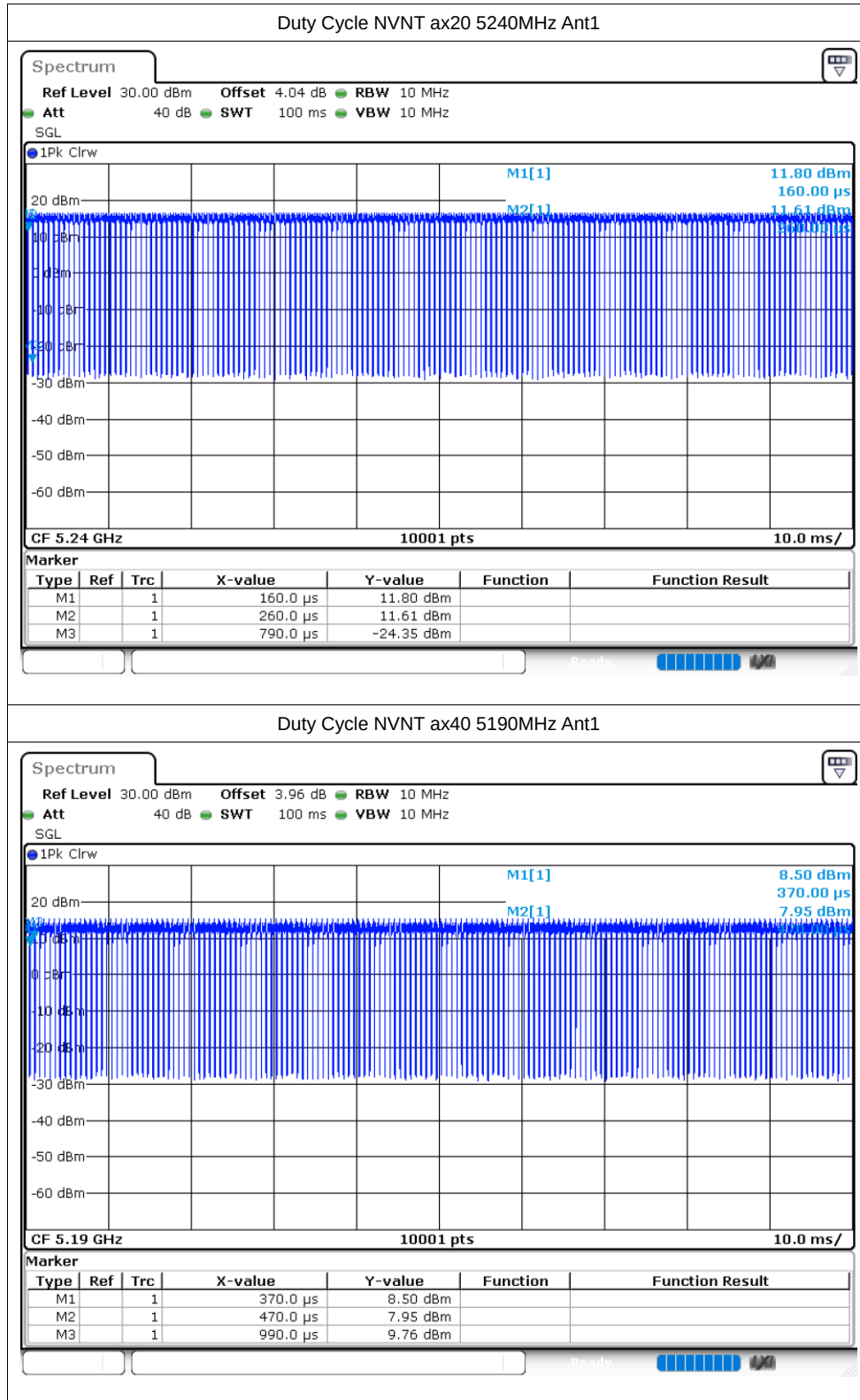


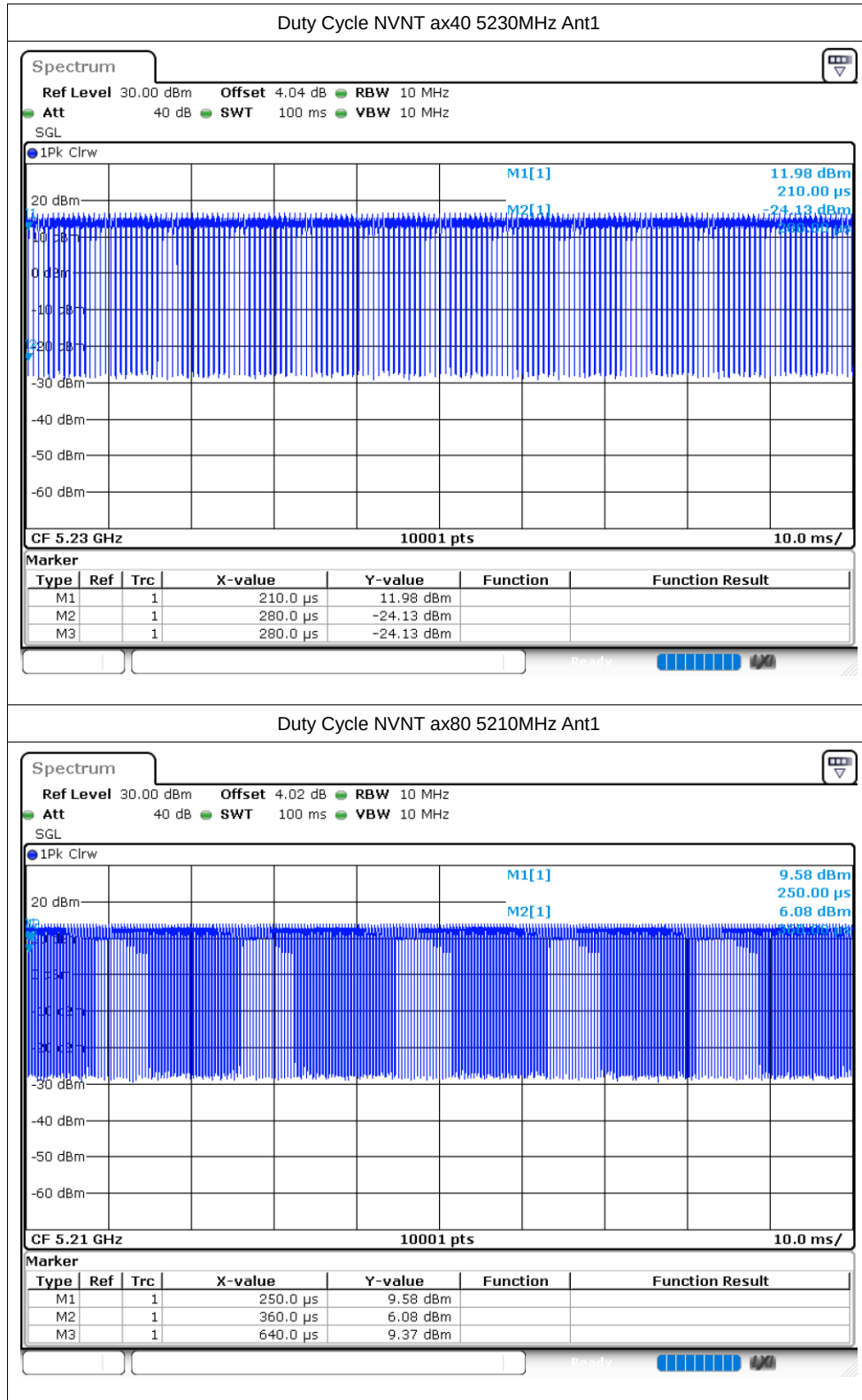












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.13	24	Pass
NVNT	a	5200	Ant1	11.4	24	Pass
NVNT	a	5240	Ant1	12.38	24	Pass
NVNT	n20	5180	Ant1	11.11	24	Pass
NVNT	n20	5200	Ant1	11.5	24	Pass
NVNT	n20	5240	Ant1	12.21	24	Pass
NVNT	n40	5190	Ant1	11.45	24	Pass
NVNT	n40	5230	Ant1	12.04	24	Pass
NVNT	ac20	5180	Ant1	11.11	24	Pass
NVNT	ac20	5200	Ant1	11.48	24	Pass
NVNT	ac20	5240	Ant1	12.09	24	Pass
NVNT	ac40	5190	Ant1	11.19	24	Pass
NVNT	ac40	5230	Ant1	11.94	24	Pass
NVNT	ac80	5210	Ant1	10.57	24	Pass
NVNT	ax20	5180	Ant1	10.19	24	Pass
NVNT	ax20	5200	Ant1	9.99	24	Pass
NVNT	ax20	5240	Ant1	9.86	24	Pass
NVNT	ax40	5190	Ant1	9.97	24	Pass
NVNT	ax40	5230	Ant1	10.07	24	Pass
NVNT	ax80	5210	Ant1	9.89	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	22.578	Pass
NVNT	a	5200	Ant1	20.631	Pass
NVNT	a	5240	Ant1	19.848	Pass
NVNT	n20	5180	Ant1	22.887	Pass
NVNT	n20	5200	Ant1	20.832	Pass
NVNT	n20	5240	Ant1	22.392	Pass
NVNT	n40	5190	Ant1	46.422	Pass
NVNT	n40	5230	Ant1	44.952	Pass
NVNT	ac20	5180	Ant1	22.686	Pass
NVNT	ac20	5200	Ant1	22.602	Pass
NVNT	ac20	5240	Ant1	23.322	Pass
NVNT	ac40	5190	Ant1	46.47	Pass
NVNT	ac40	5230	Ant1	45.276	Pass
NVNT	ac80	5210	Ant1	85.26	Pass
NVNT	ax20	5180	Ant1	21.888	Pass
NVNT	ax20	5200	Ant1	24.885	Pass
NVNT	ax20	5240	Ant1	21.129	Pass
NVNT	ax40	5190	Ant1	45.042	Pass
NVNT	ax40	5230	Ant1	44.916	Pass
NVNT	ax80	5210	Ant1	84.708	Pass

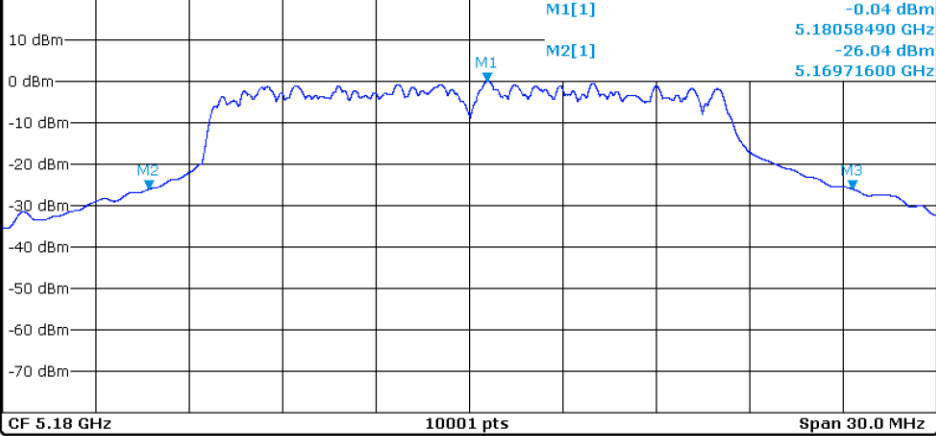
Test Graphs

-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

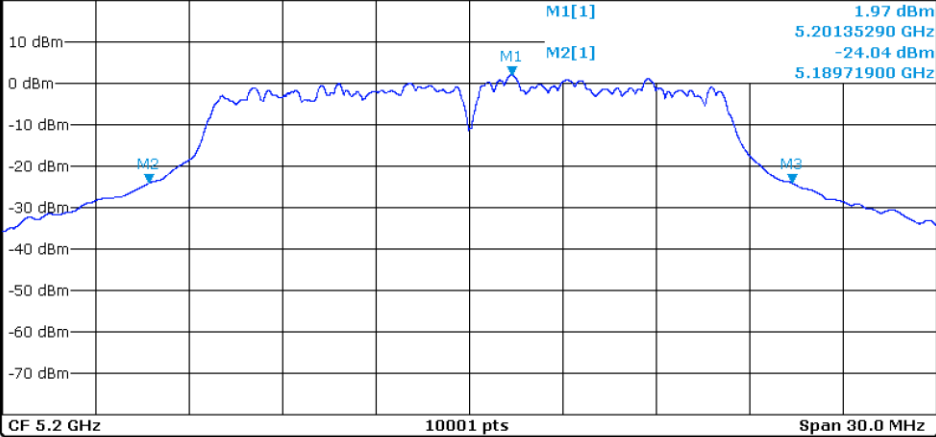
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.1805849 GHz	-0.04 dBm		
M2	1		5.169716 GHz	-26.04 dBm		
M3	1		5.192294 GHz	-26.04 dBm		

-26dB Bandwidth NVNT a 5200MHz Ant1

Spectrum

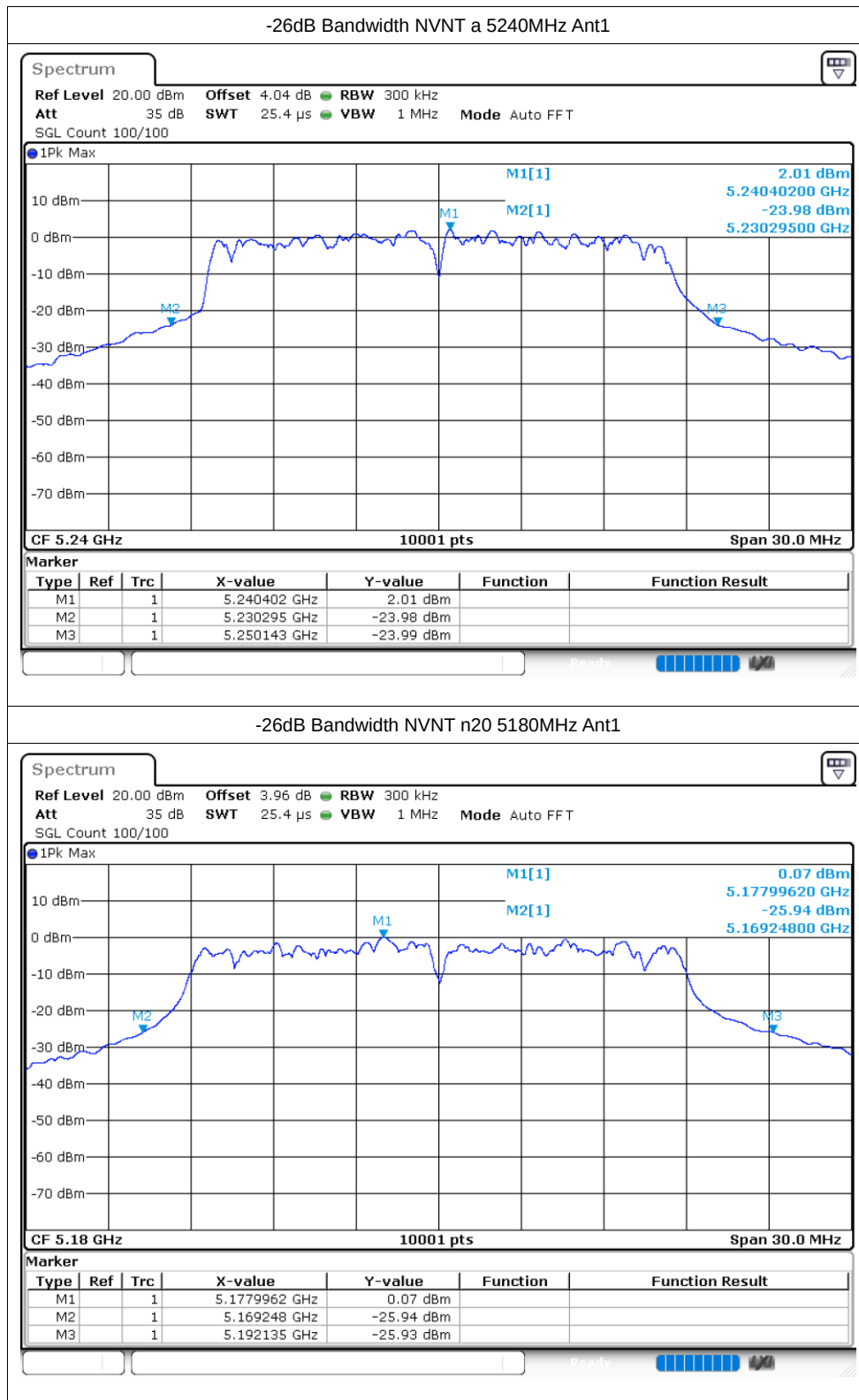
Ref Level 20.00 dBm Offset 4.02 dB RBW 300 kHz
 Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
 SGL Count 100/100

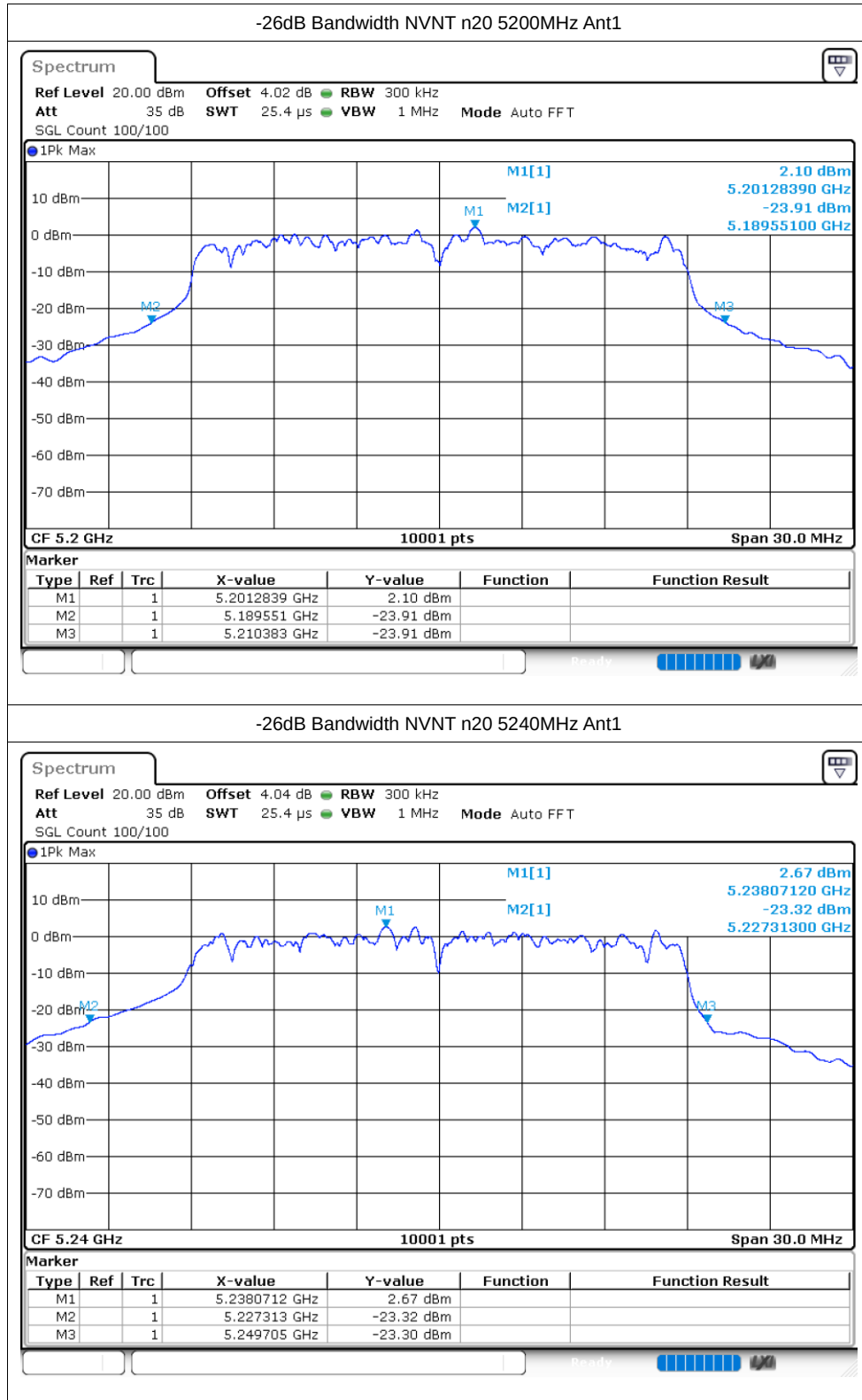
1Pk Max

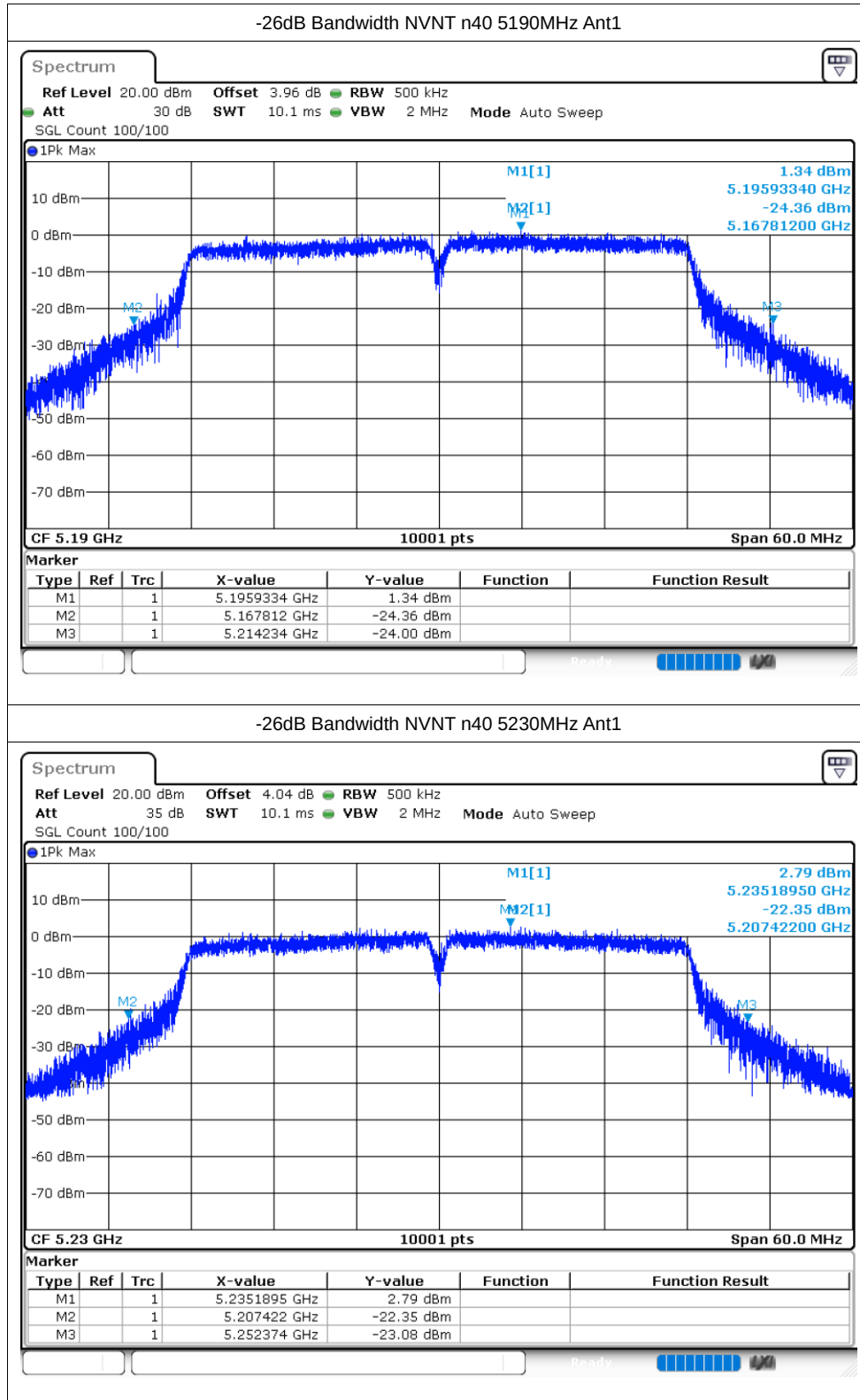


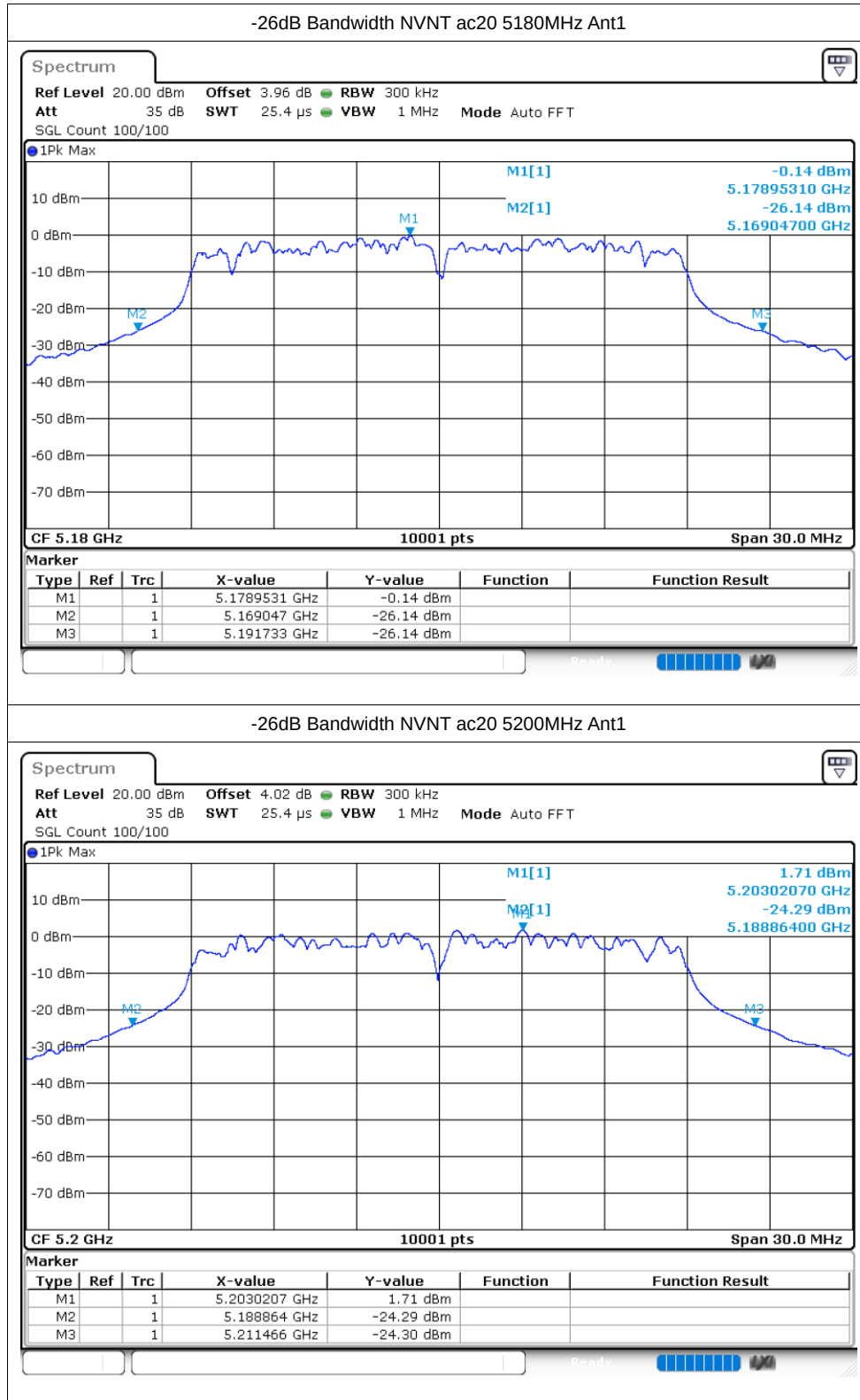
Marker

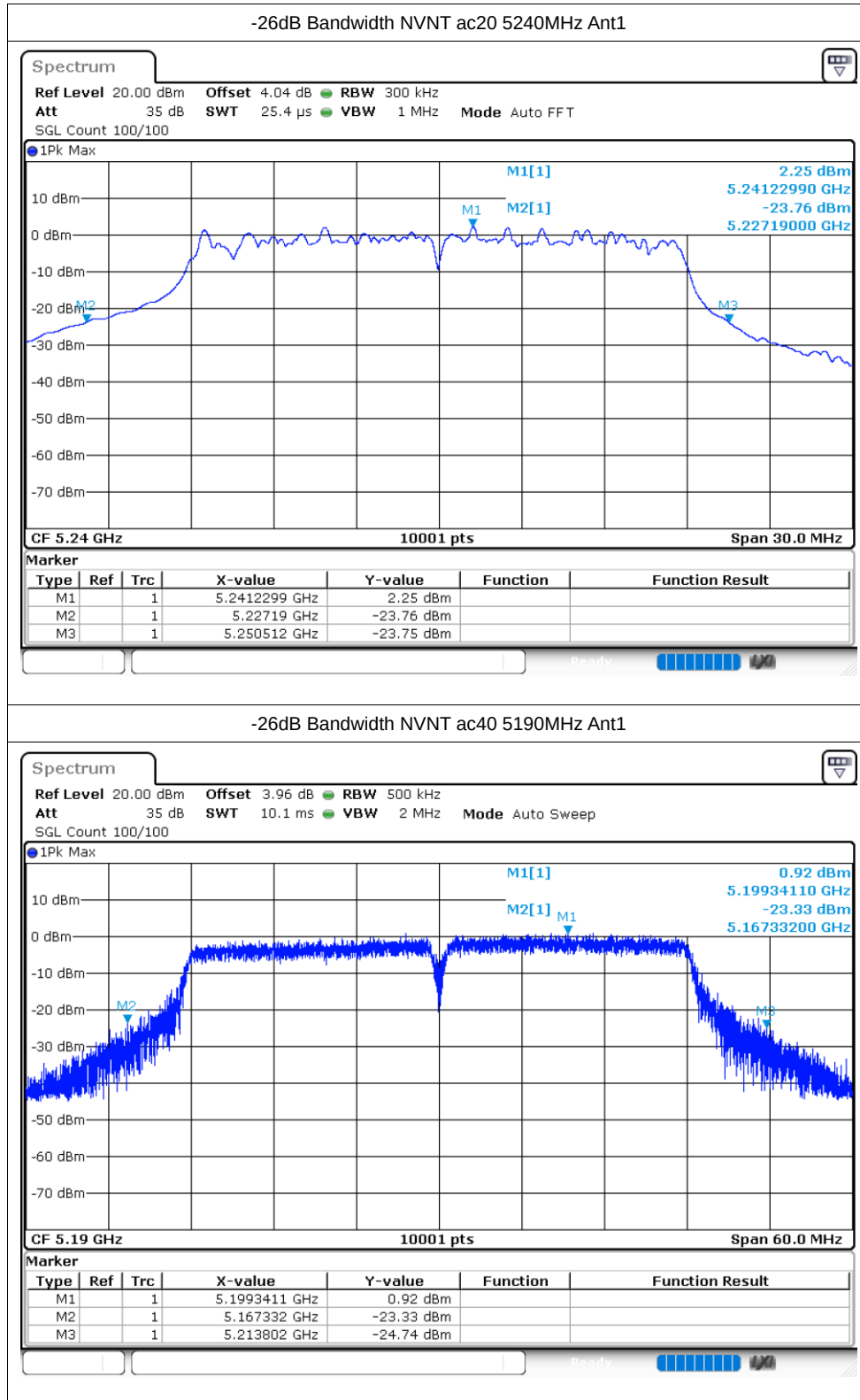
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.2013529 GHz	1.97 dBm		
M2	1		5.189719 GHz	-24.04 dBm		
M3	1		5.21035 GHz	-24.03 dBm		

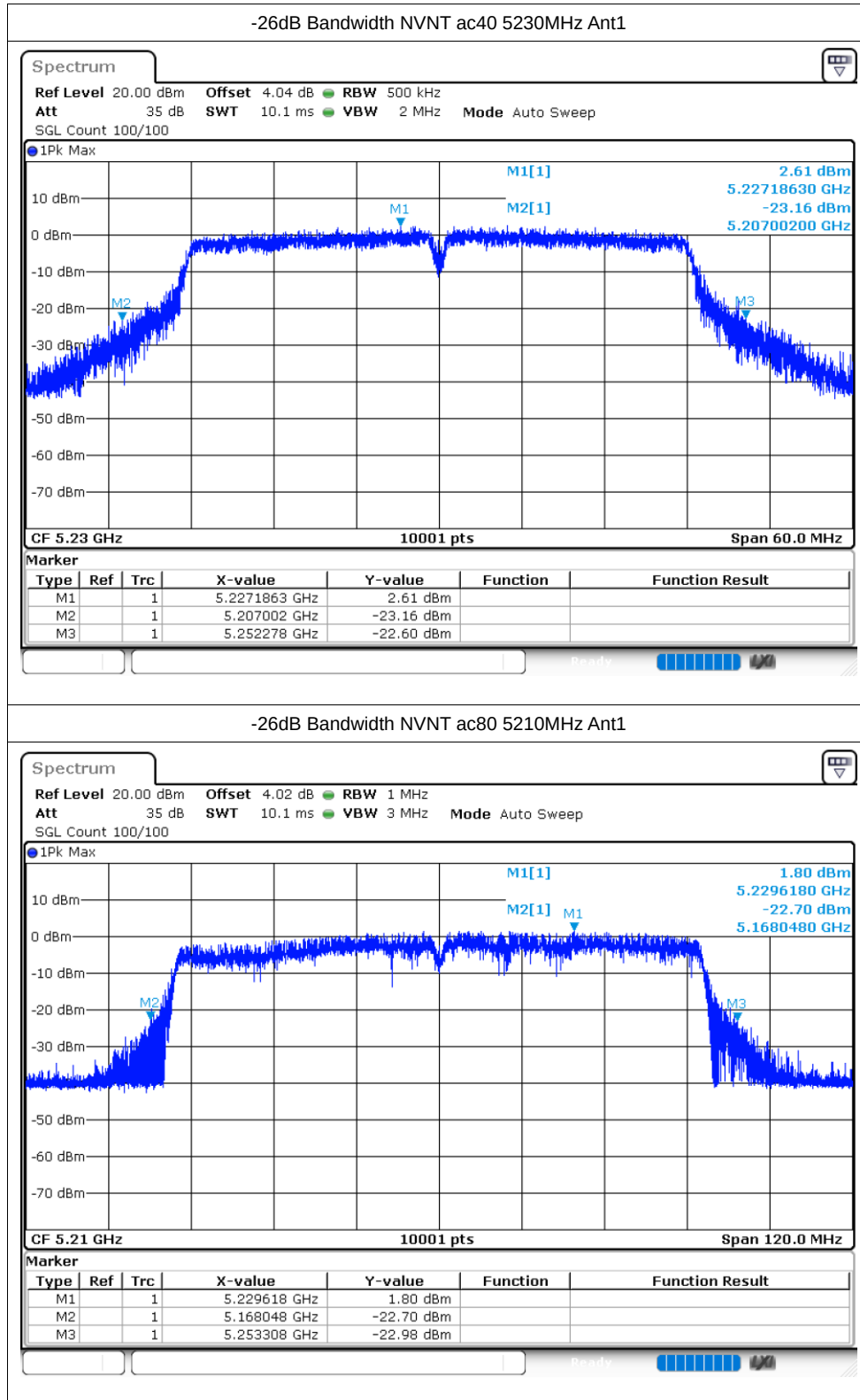


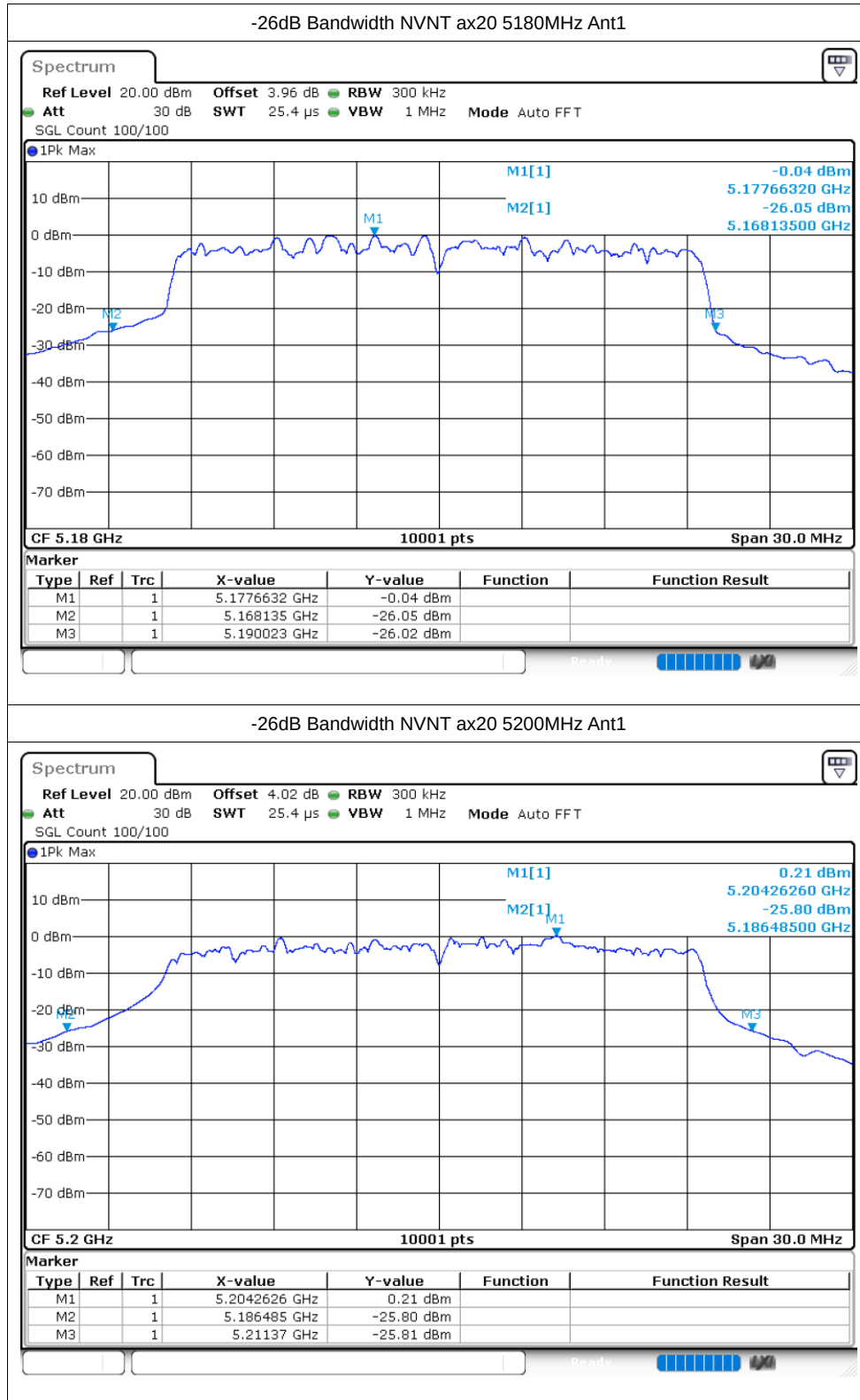


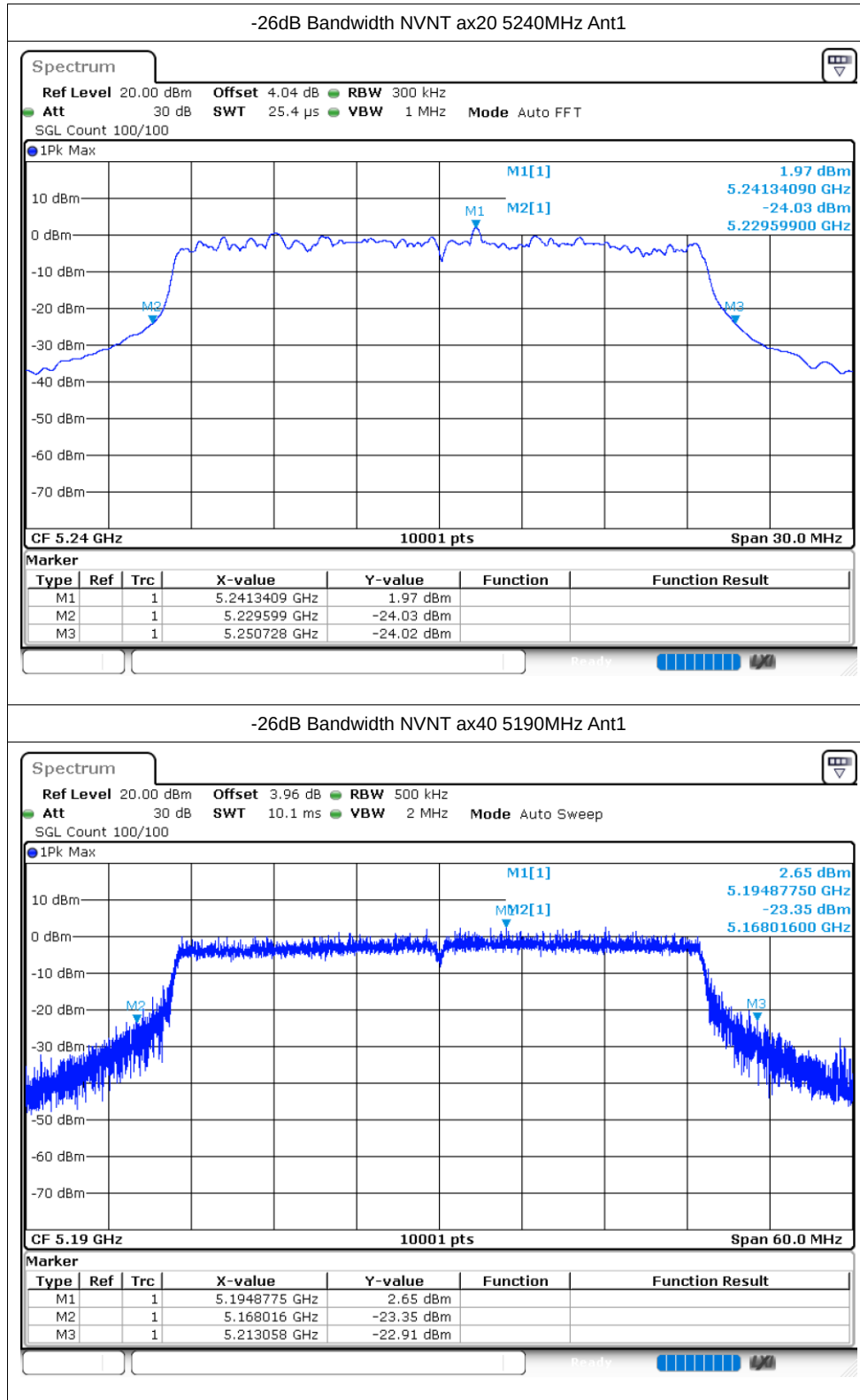


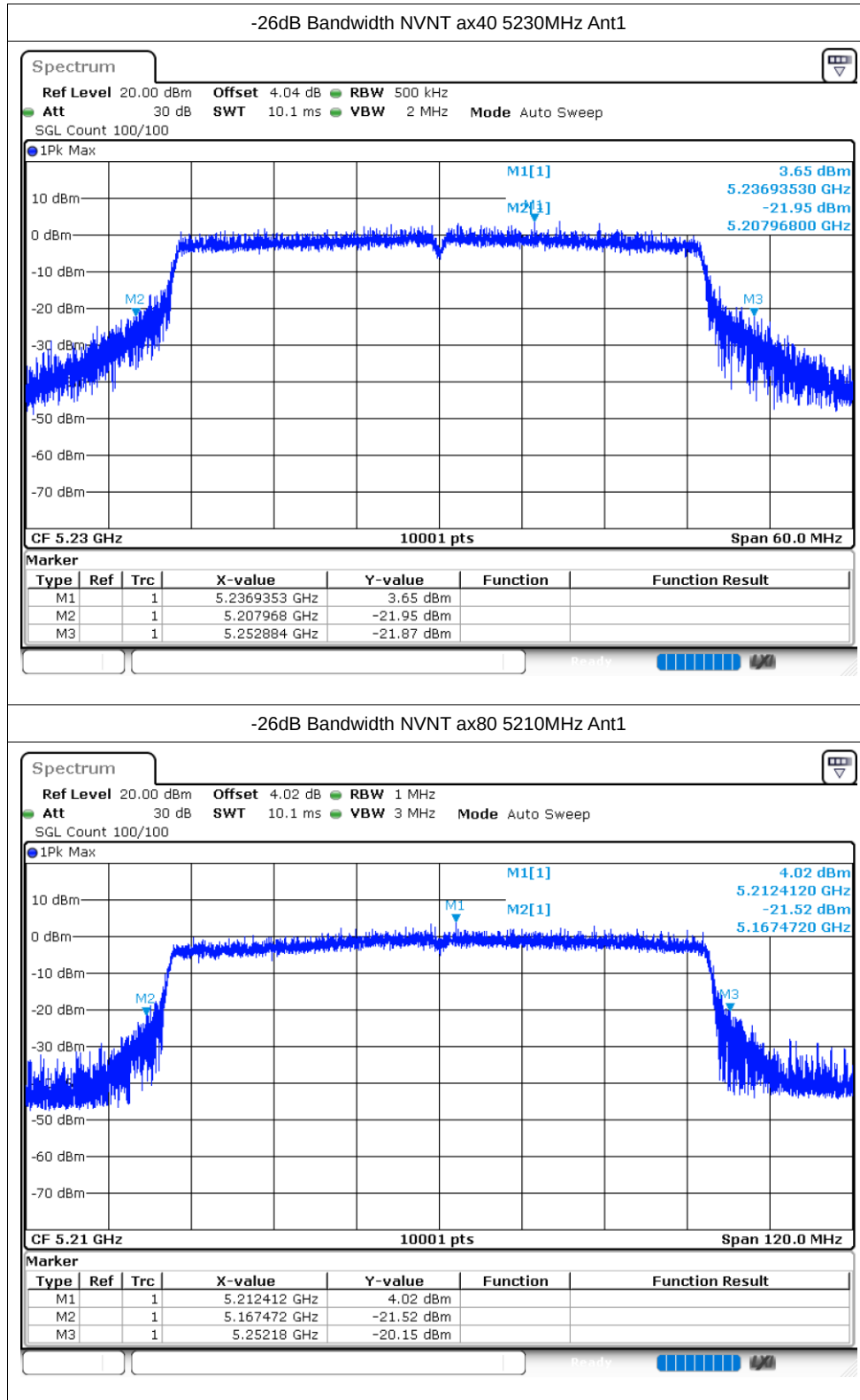










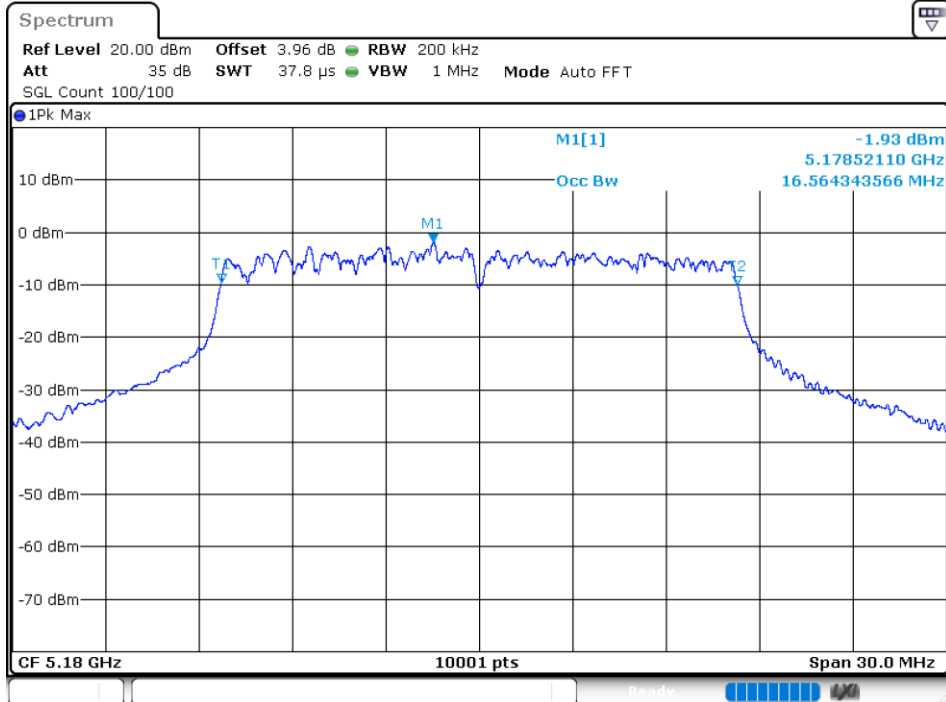


Occupied Channel Bandwidth

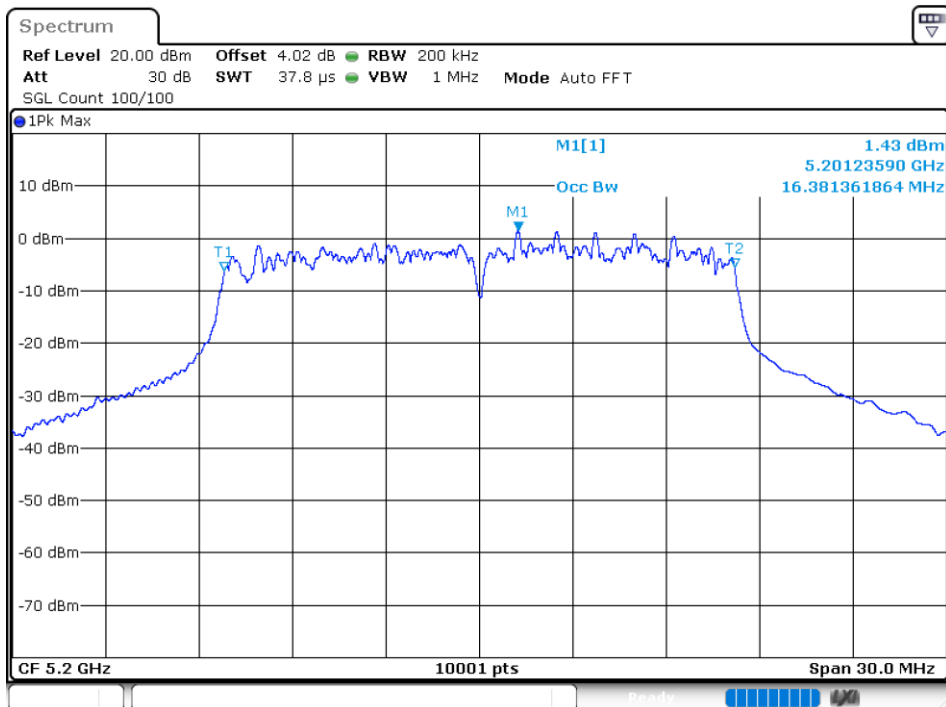
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.564
NVNT	a	5200	Ant1	16.381
NVNT	a	5240	Ant1	16.417
NVNT	n20	5180	Ant1	17.809
NVNT	n20	5200	Ant1	17.674
NVNT	n20	5240	Ant1	17.728
NVNT	n40	5190	Ant1	36.338
NVNT	n40	5230	Ant1	36.26
NVNT	ac20	5180	Ant1	18.022
NVNT	ac20	5200	Ant1	17.77
NVNT	ac20	5240	Ant1	17.917
NVNT	ac40	5190	Ant1	36.338
NVNT	ac40	5230	Ant1	36.194
NVNT	ac80	5210	Ant1	75.508
NVNT	ax20	5180	Ant1	18.946
NVNT	ax20	5200	Ant1	18.853
NVNT	ax20	5240	Ant1	18.928
NVNT	ax40	5190	Ant1	37.832
NVNT	ax40	5230	Ant1	37.838
NVNT	ax80	5210	Ant1	77.272

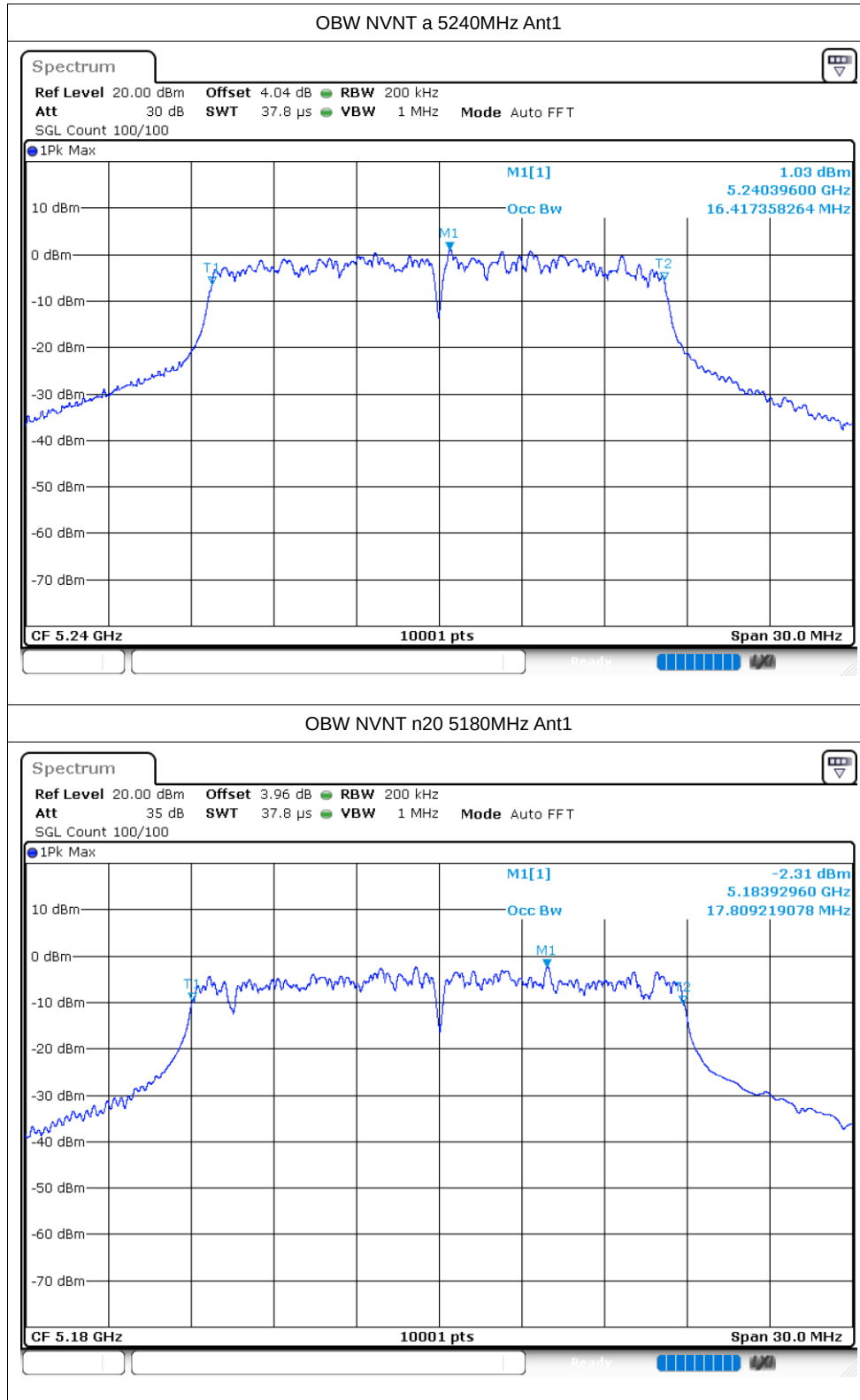
Test Graphs

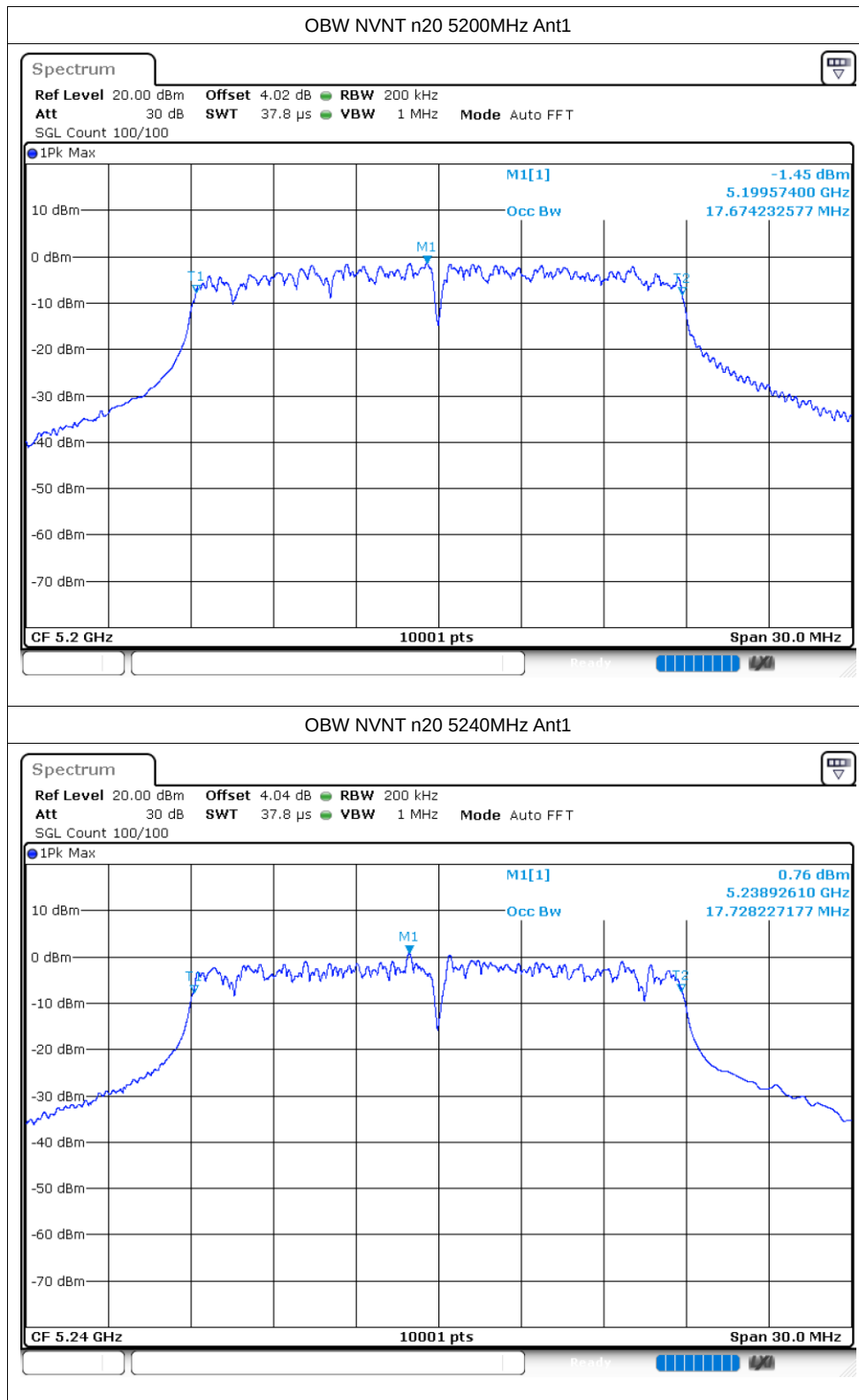
OBW NVNT a 5180MHz Ant1

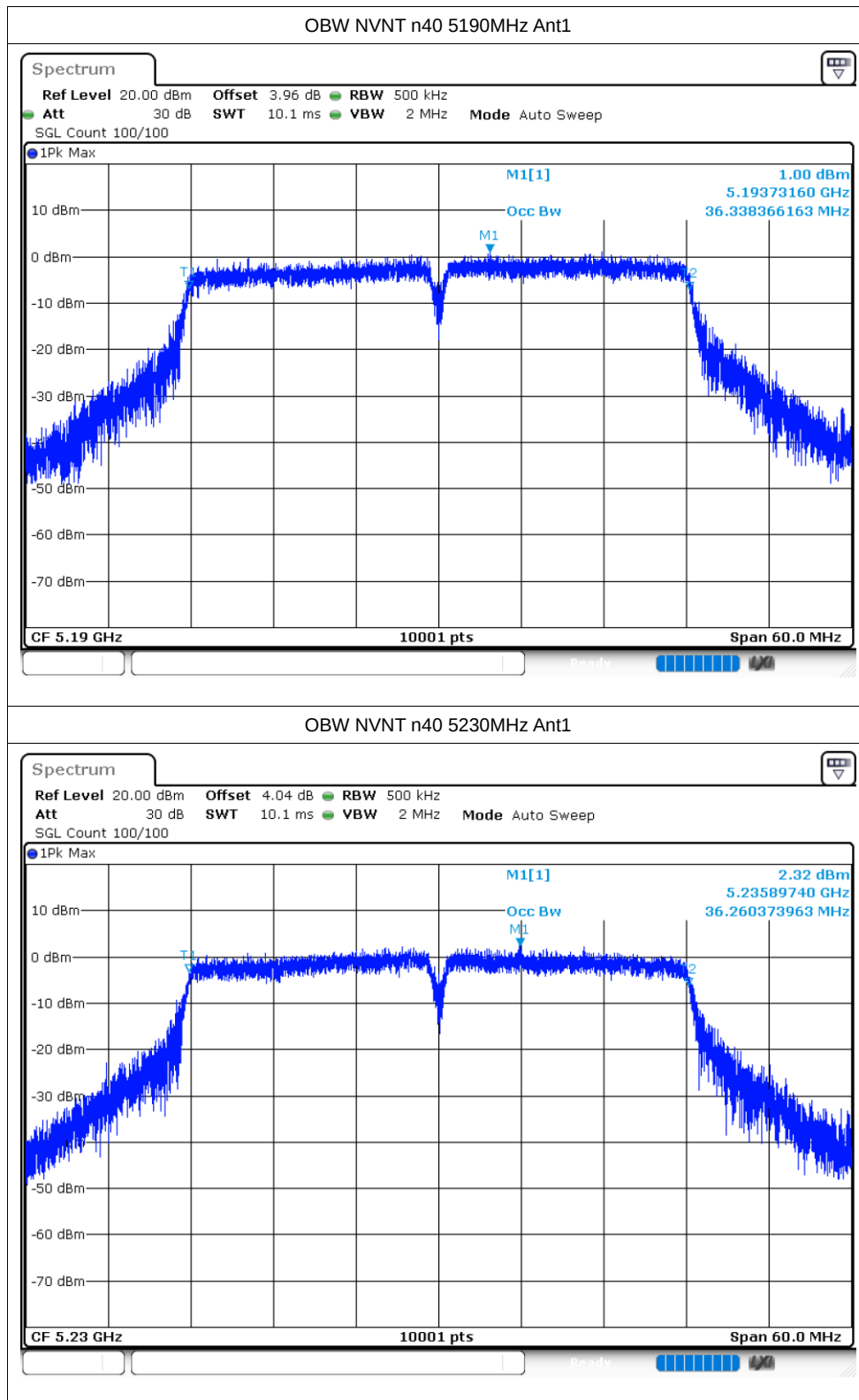


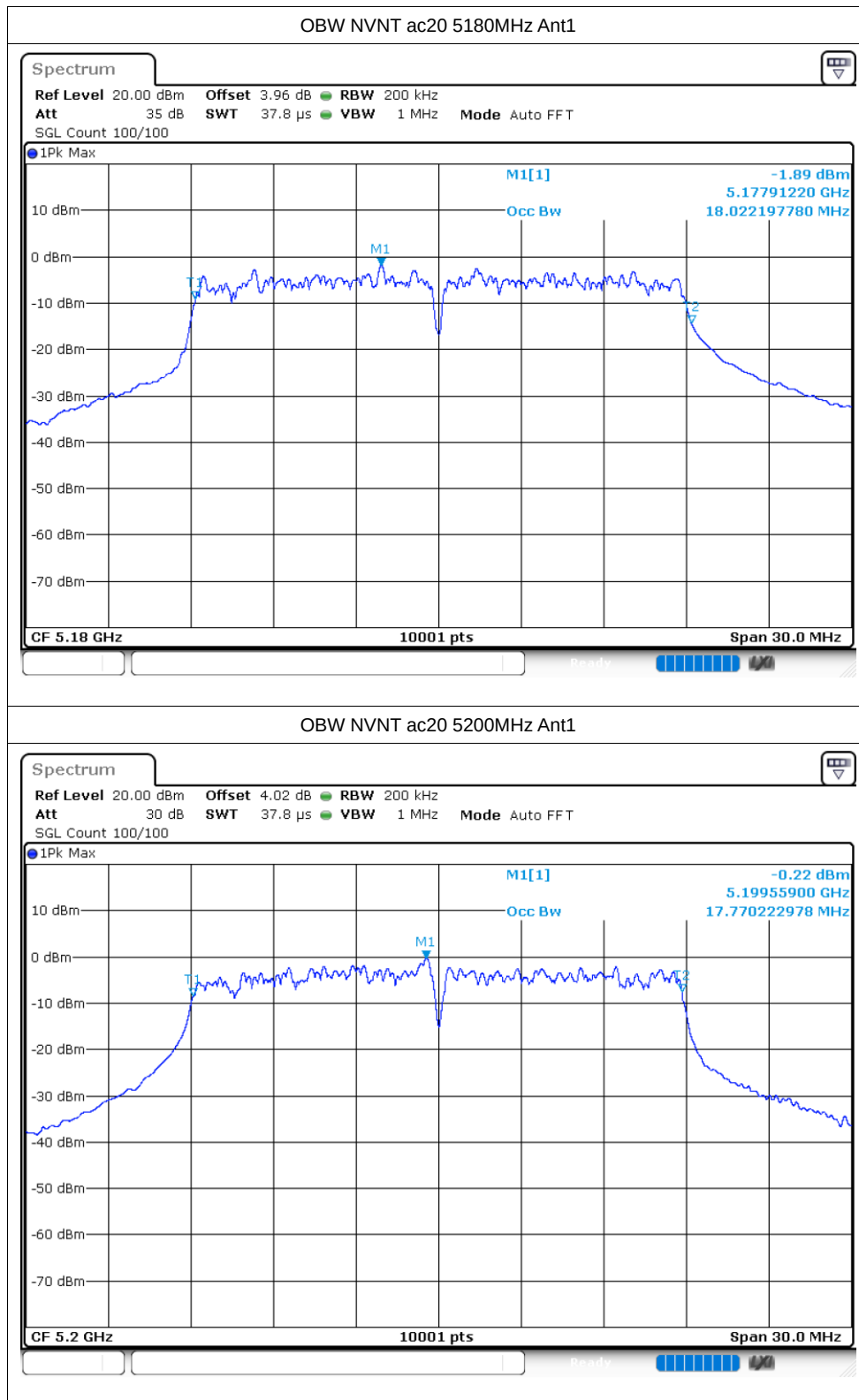
OBW NVNT a 5200MHz Ant1

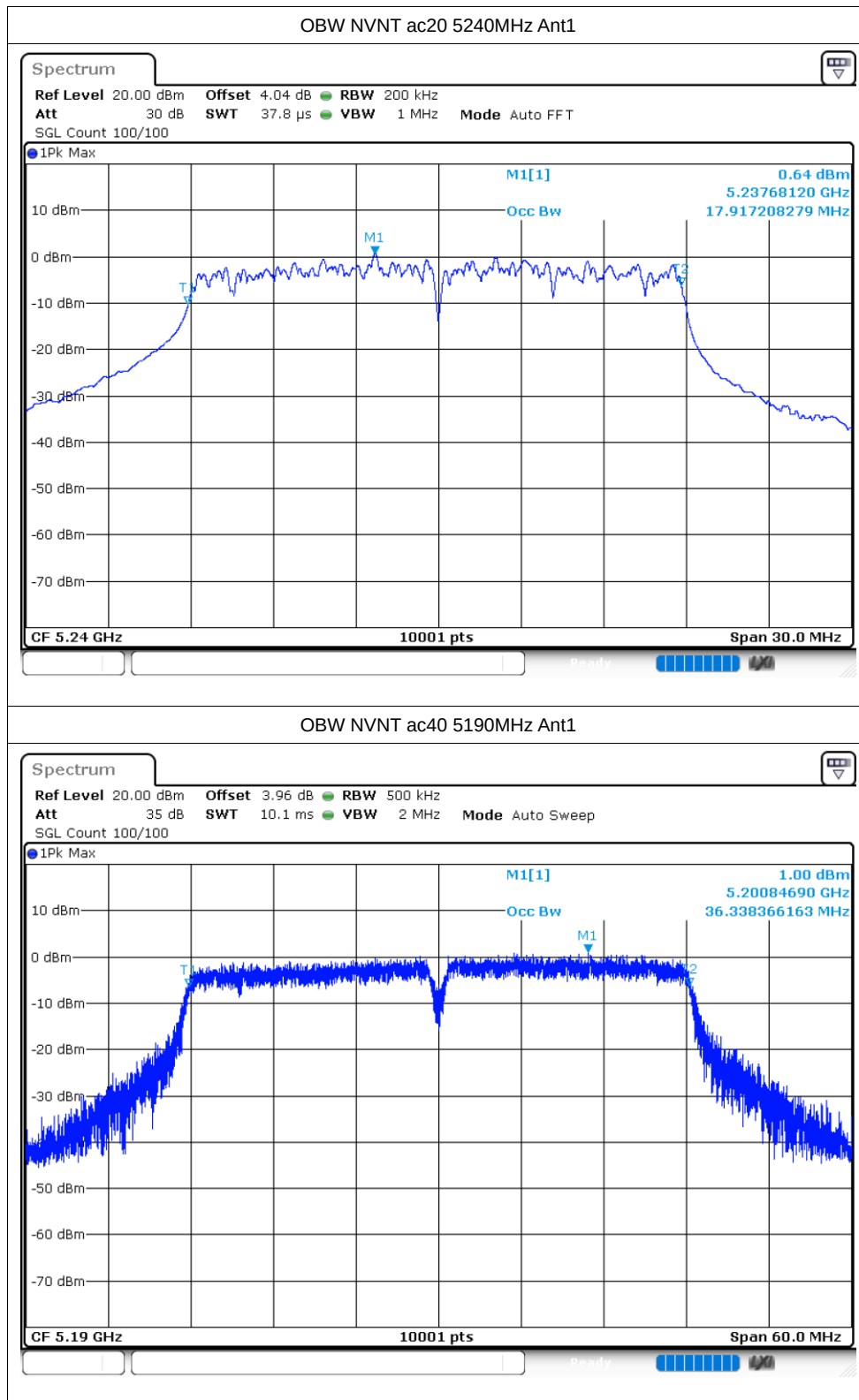


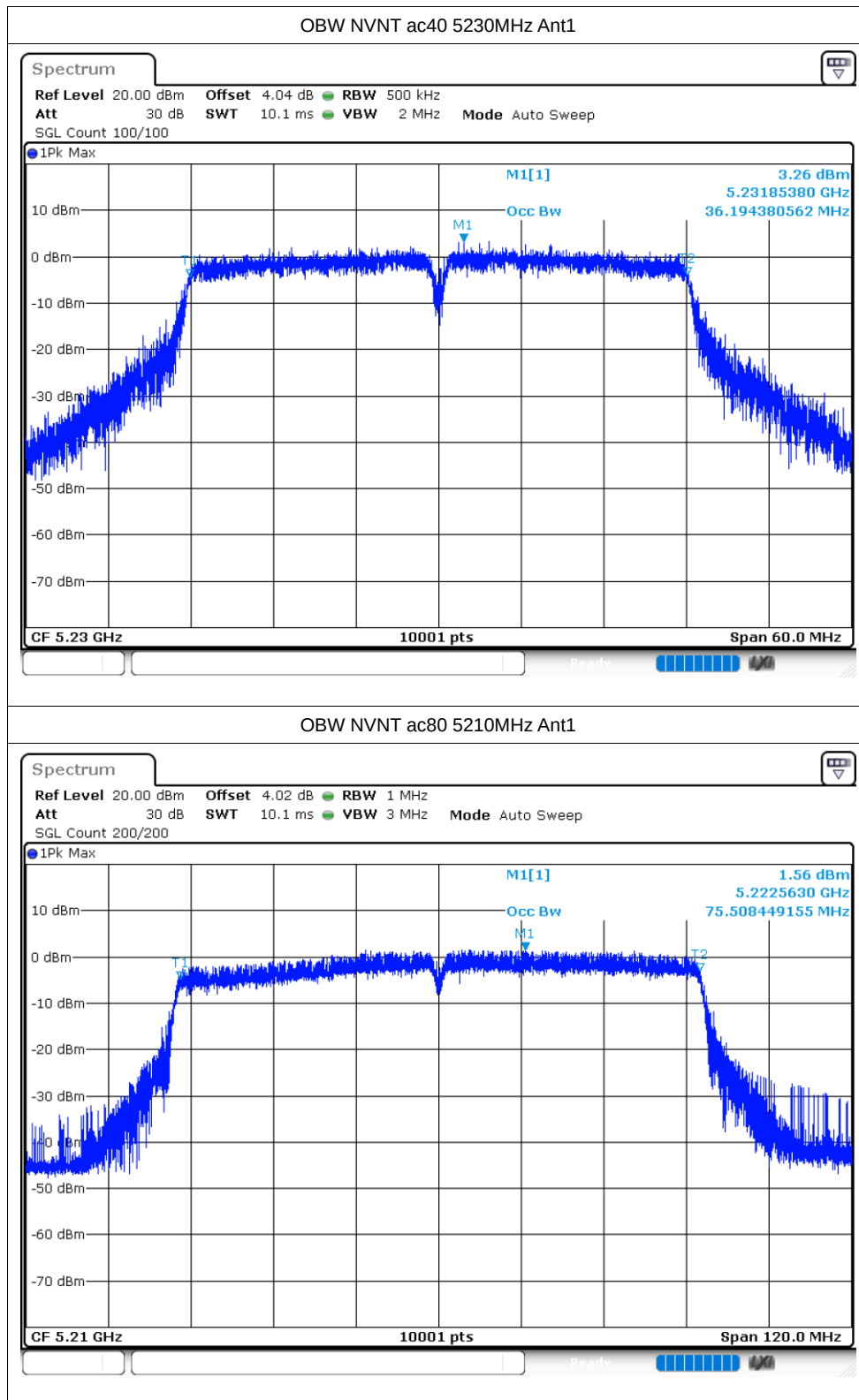


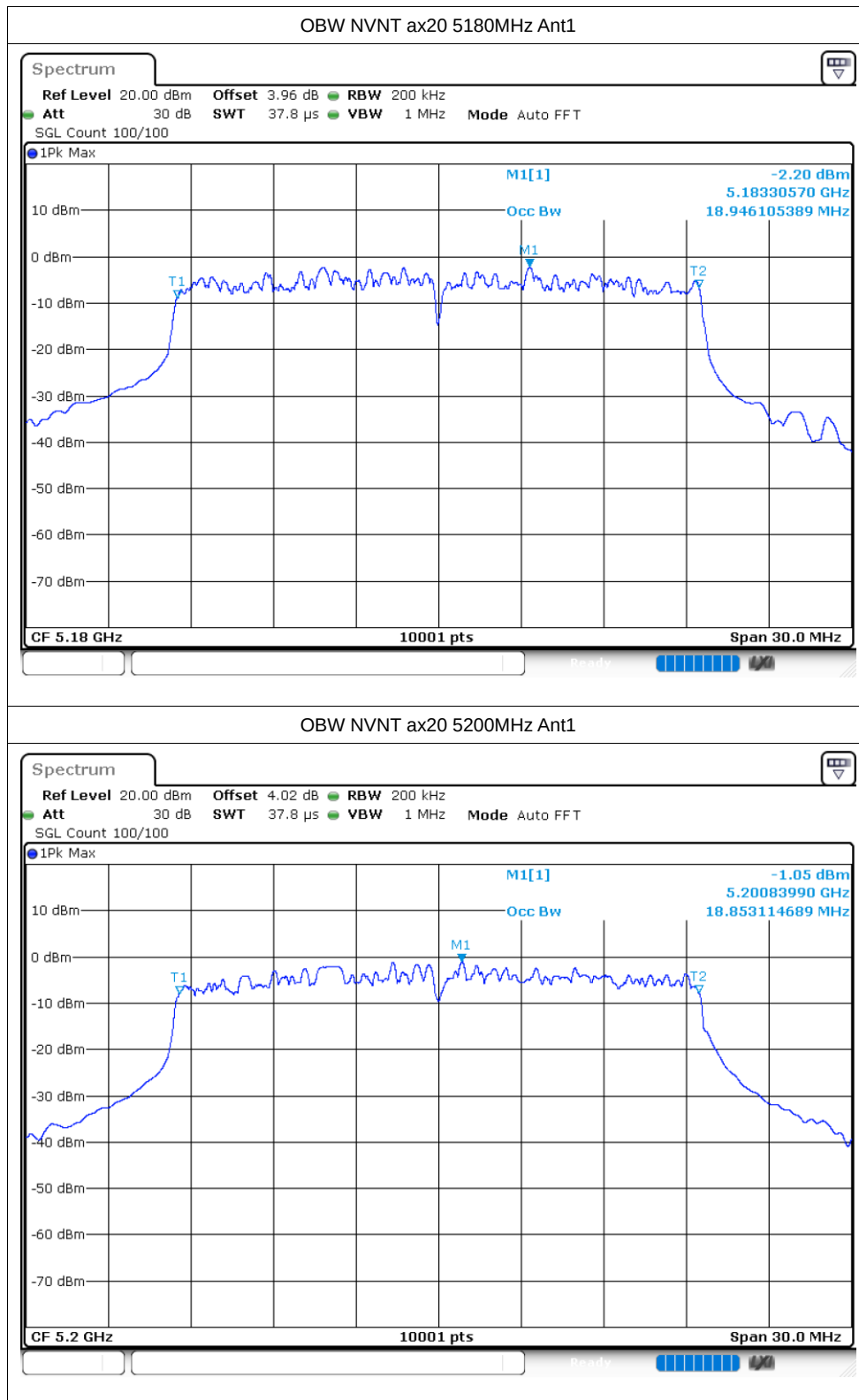


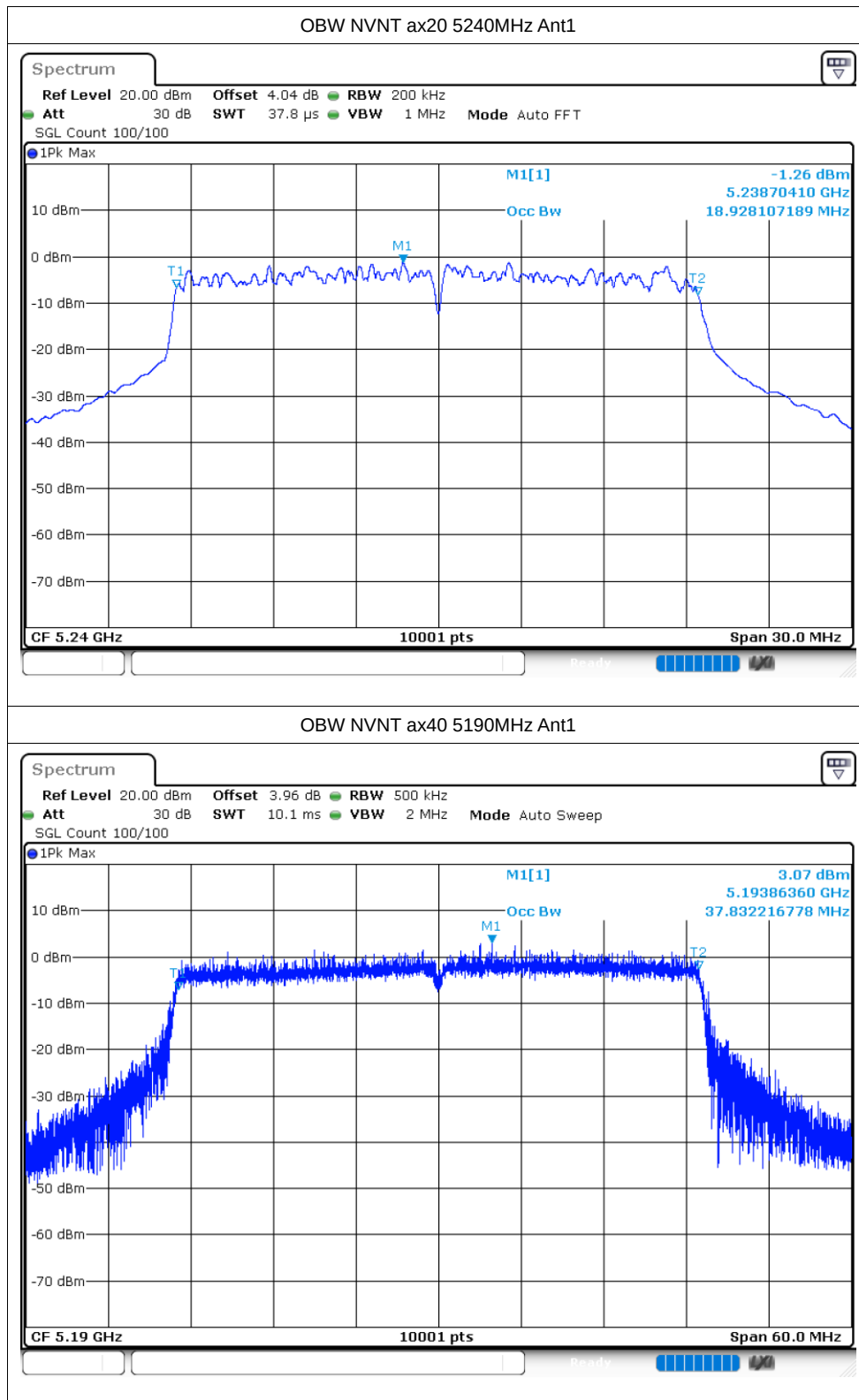


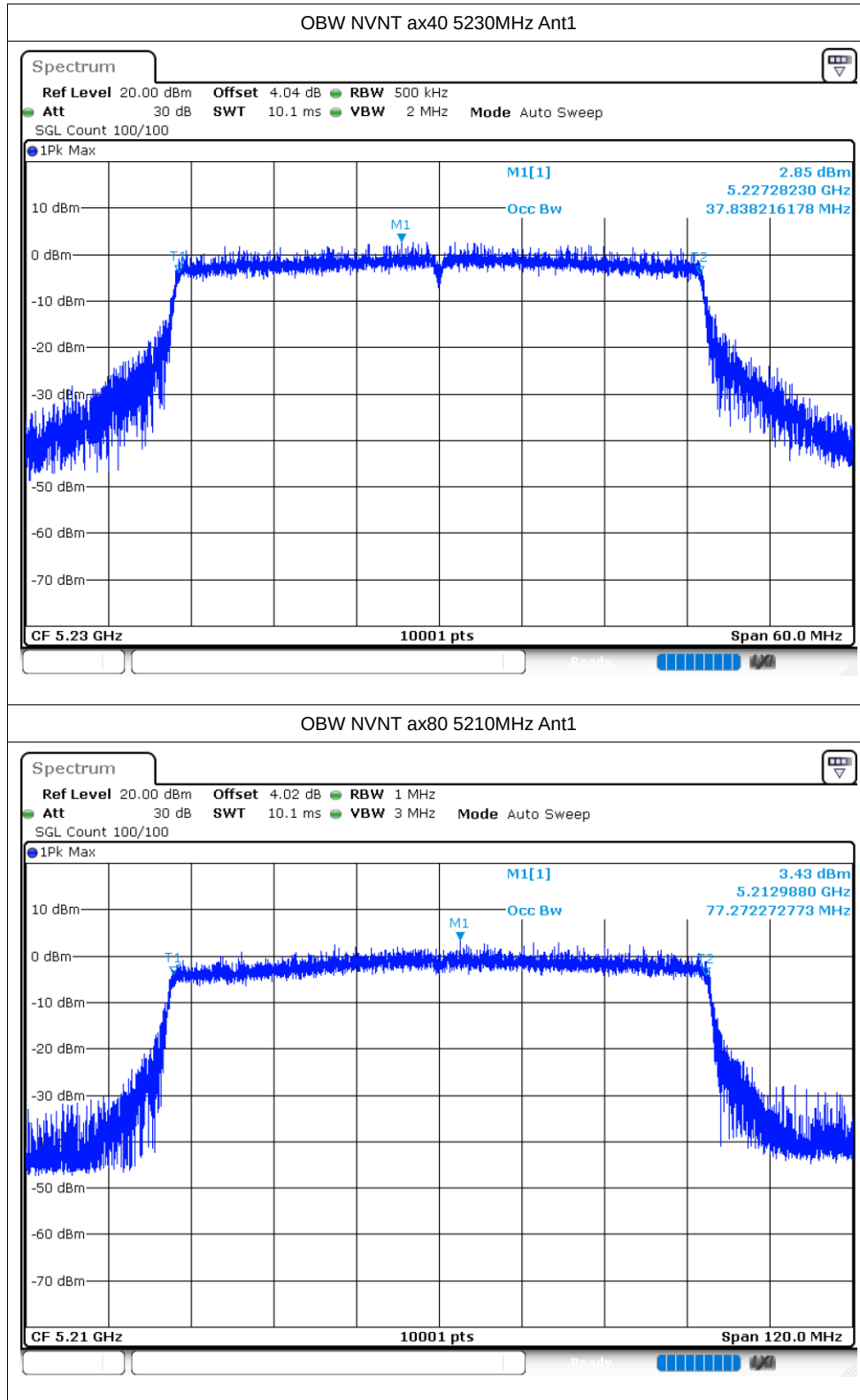










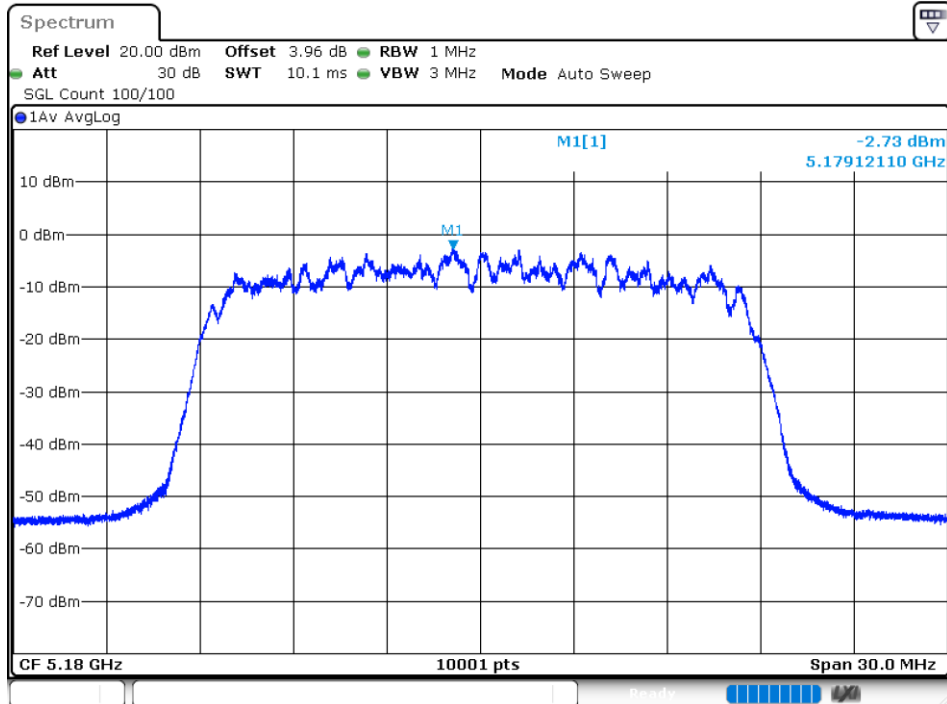


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-2.73	0.28	-2.45	11	Pass
NVNT	a	5200	Ant1	-2.6	0.28	-2.32	11	Pass
NVNT	a	5240	Ant1	-2.56	0.28	-2.28	11	Pass
NVNT	n20	5180	Ant1	-4.02	0.31	-3.71	11	Pass
NVNT	n20	5200	Ant1	-4.44	0.31	-4.13	11	Pass
NVNT	n20	5240	Ant1	-3.44	0.31	-3.13	11	Pass
NVNT	n40	5190	Ant1	-8.58	0.59	-7.99	11	Pass
NVNT	n40	5230	Ant1	-9.14	0.59	-8.55	11	Pass
NVNT	ac20	5180	Ant1	-2.65	0.3	-2.35	11	Pass
NVNT	ac20	5200	Ant1	-4.35	0.3	-4.05	11	Pass
NVNT	ac20	5240	Ant1	-3.36	0.31	-3.05	11	Pass
NVNT	ac40	5190	Ant1	-9.86	0.59	-9.27	11	Pass
NVNT	ac40	5230	Ant1	-9.43	0.58	-8.85	11	Pass
NVNT	ac80	5210	Ant1	-16.47	1.09	-15.38	11	Pass
NVNT	ax20	5180	Ant1	-6.44	0.29	-6.15	11	Pass
NVNT	ax20	5200	Ant1	-7.07	0.7	-6.37	11	Pass
NVNT	ax20	5240	Ant1	-6.82	0.68	-6.14	11	Pass
NVNT	ax40	5190	Ant1	-11.38	0.68	-10.7	11	Pass
NVNT	ax40	5230	Ant1	-10.1	0.69	-9.41	11	Pass
NVNT	ax80	5210	Ant1	-14.69	1.17	-13.52	11	Pass

Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1

