

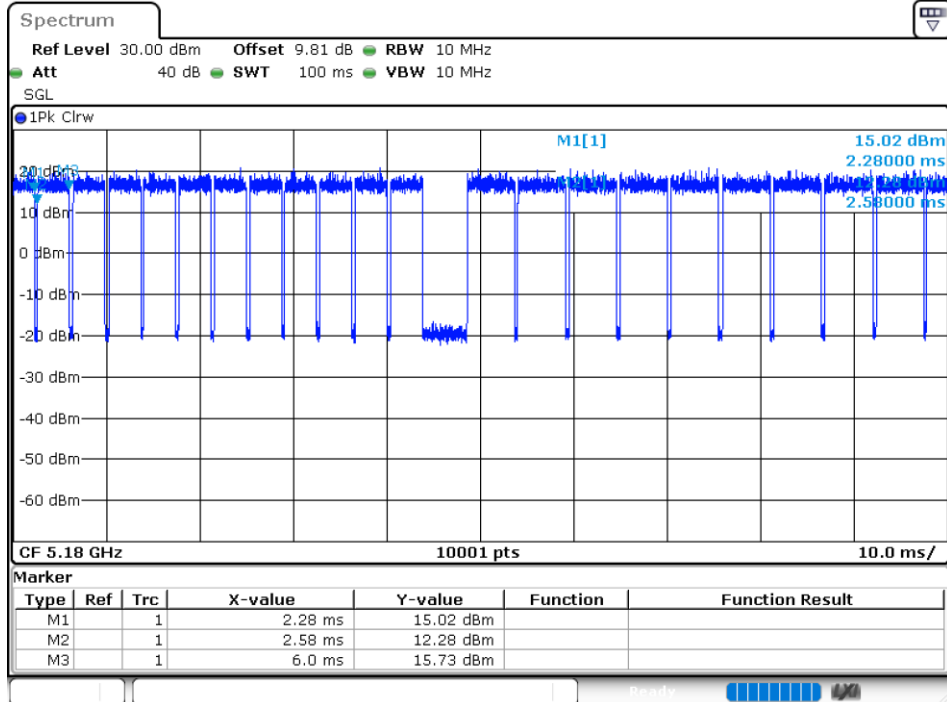
5.2G:

Duty Cycle

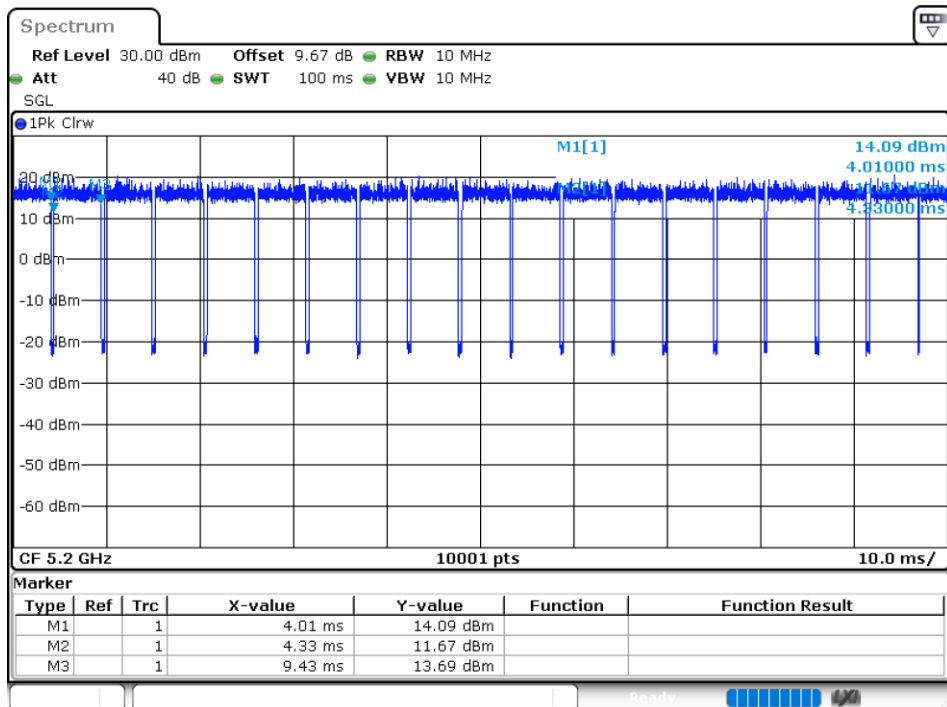
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	88.42	0.53	0.29
NVNT	a	5200	Ant1	93.94	0.27	0.2
NVNT	a	5240	Ant1	84.78	0.72	0.29
NVNT	n20	5180	Ant1	84.89	0.71	0.21
NVNT	n20	5200	Ant1	88.96	0.51	0.31
NVNT	n20	5240	Ant1	88.29	0.54	0.21
NVNT	n40	5190	Ant1	84.58	0.73	0.22
NVNT	n40	5230	Ant1	91.59	0.38	0.22
NVNT	ac20	5180	Ant1	92.86	0.32	0.21
NVNT	ac20	5200	Ant1	87.32	0.59	0.31
NVNT	ac20	5240	Ant1	87.93	0.56	0.21
NVNT	ac40	5190	Ant1	74.54	1.28	0.64
NVNT	ac40	5230	Ant1	63.67	1.96	0.22
NVNT	ac80	5210	Ant1	81.77	0.87	0.35
NVNT	ax20	5180	Ant1	81.96	0.86	0.41
NVNT	ax20	5200	Ant1	83.82	0.77	0.41
NVNT	ax20	5240	Ant1	86.76	0.62	0.28
NVNT	ax40	5190	Ant1	88.43	0.53	0.21
NVNT	ax40	5230	Ant1	83.29	0.79	0.21
NVNT	ax80	5210	Ant1	78.71	1.04	0.43

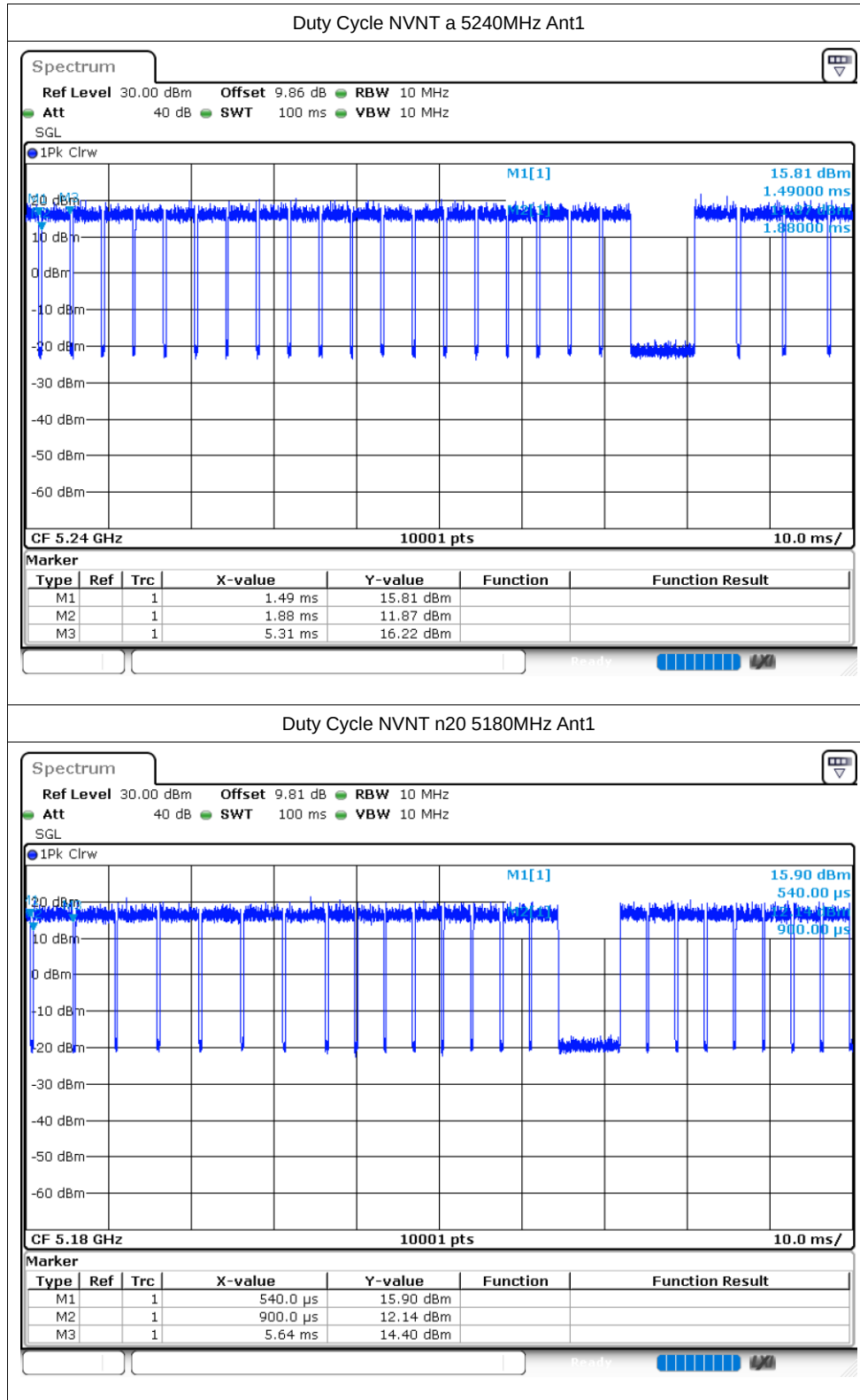
Test Graphs

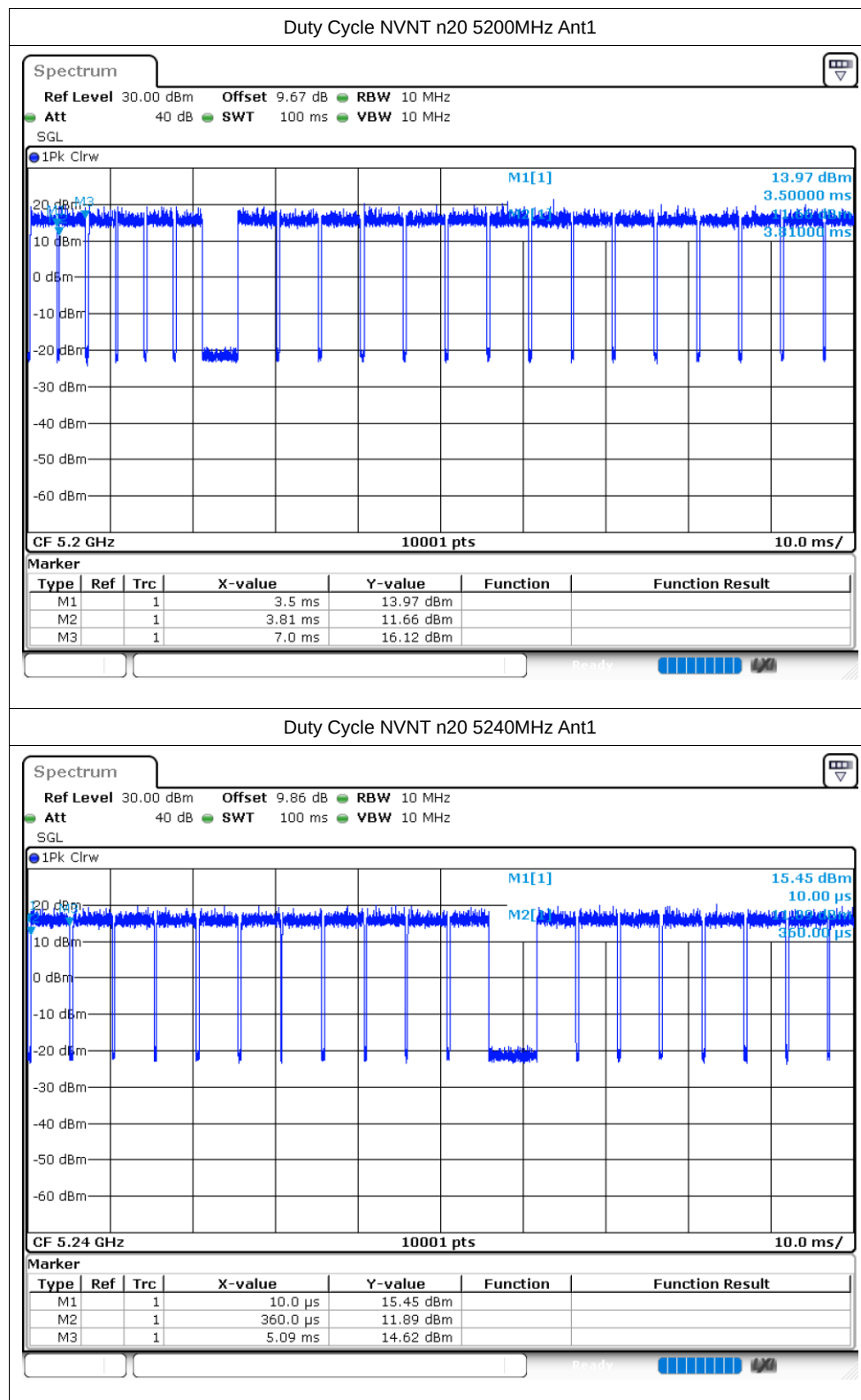
Duty Cycle NVNT a 5180MHz Ant1

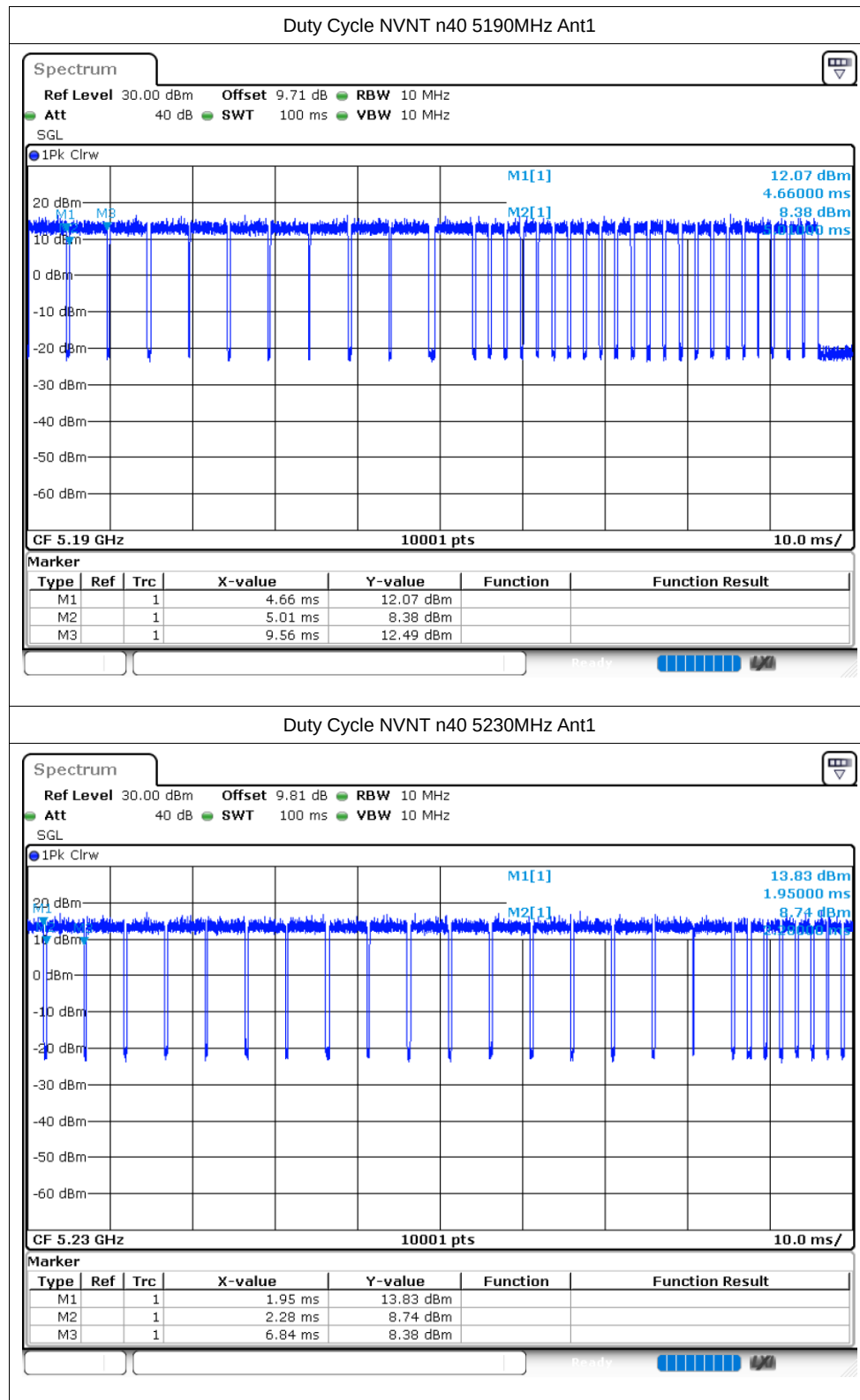


Duty Cycle NVNT a 5200MHz Ant1

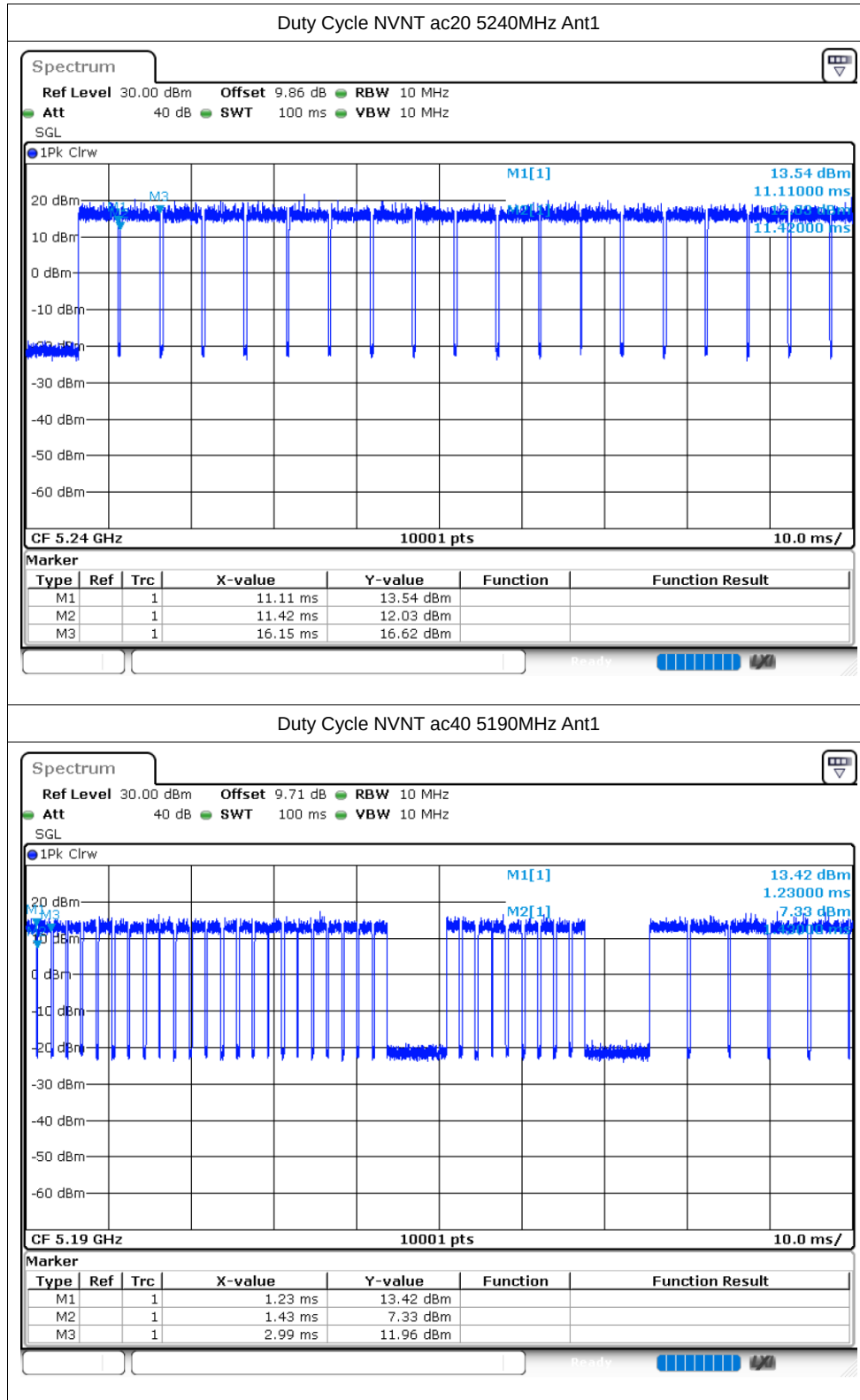


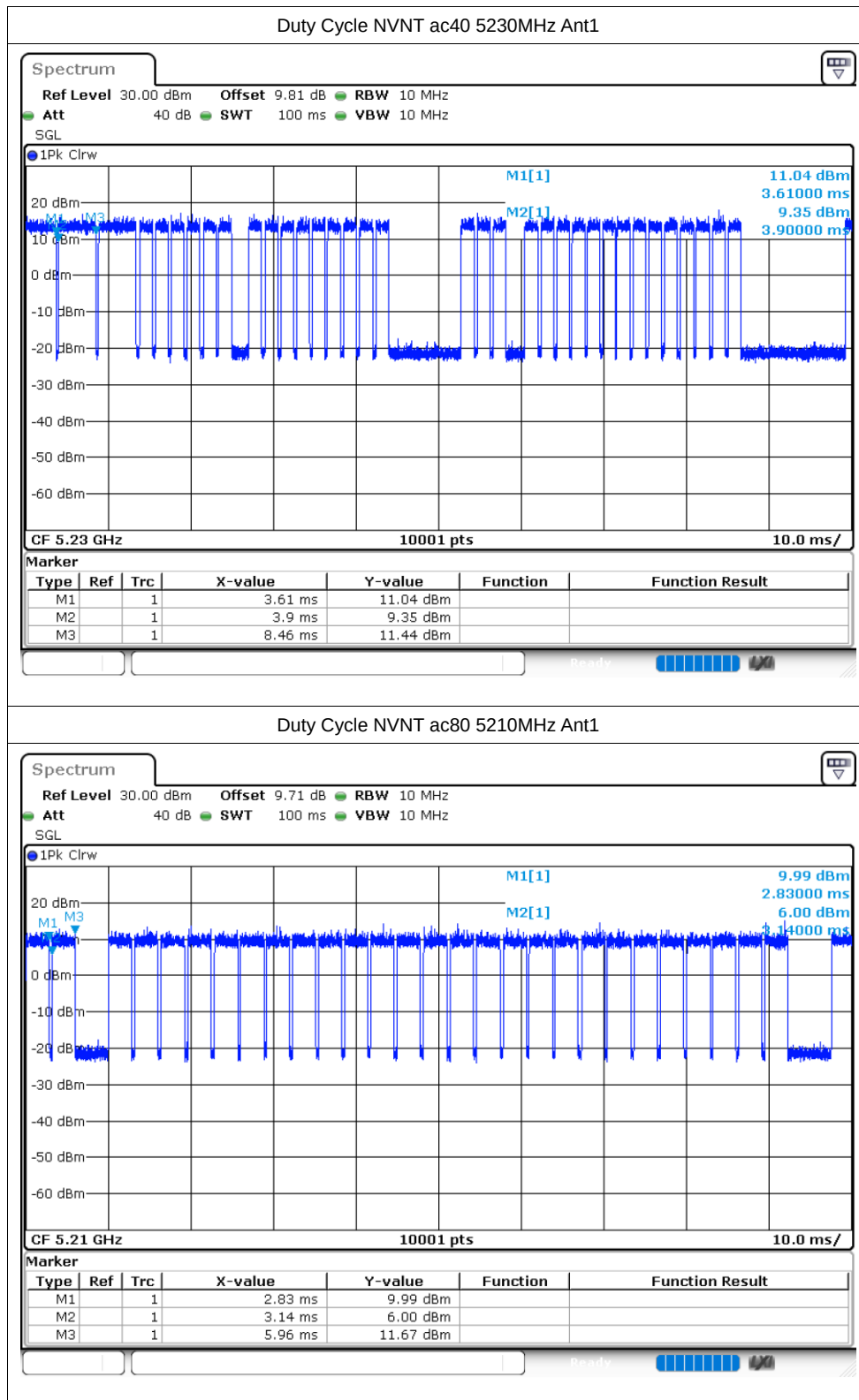


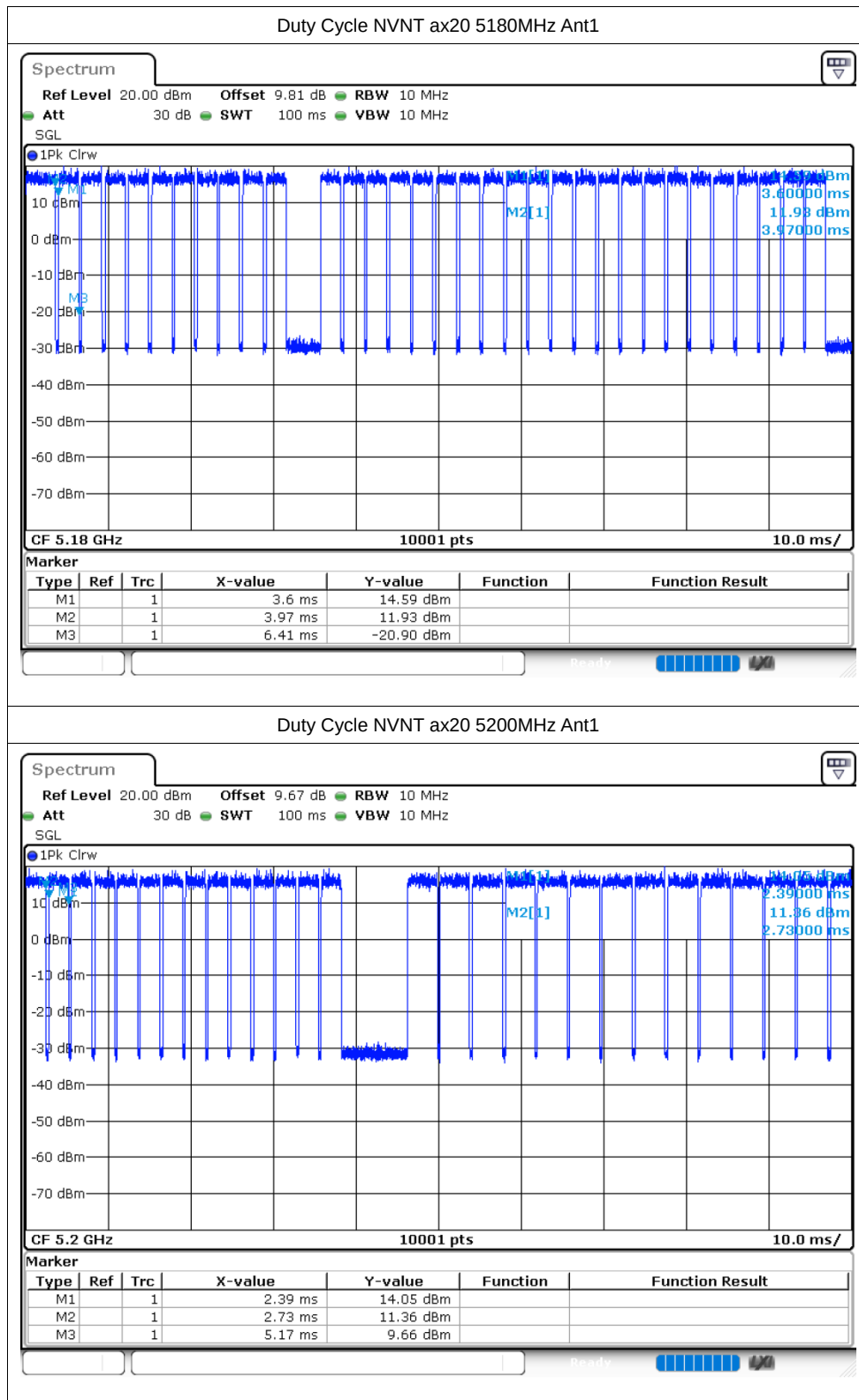


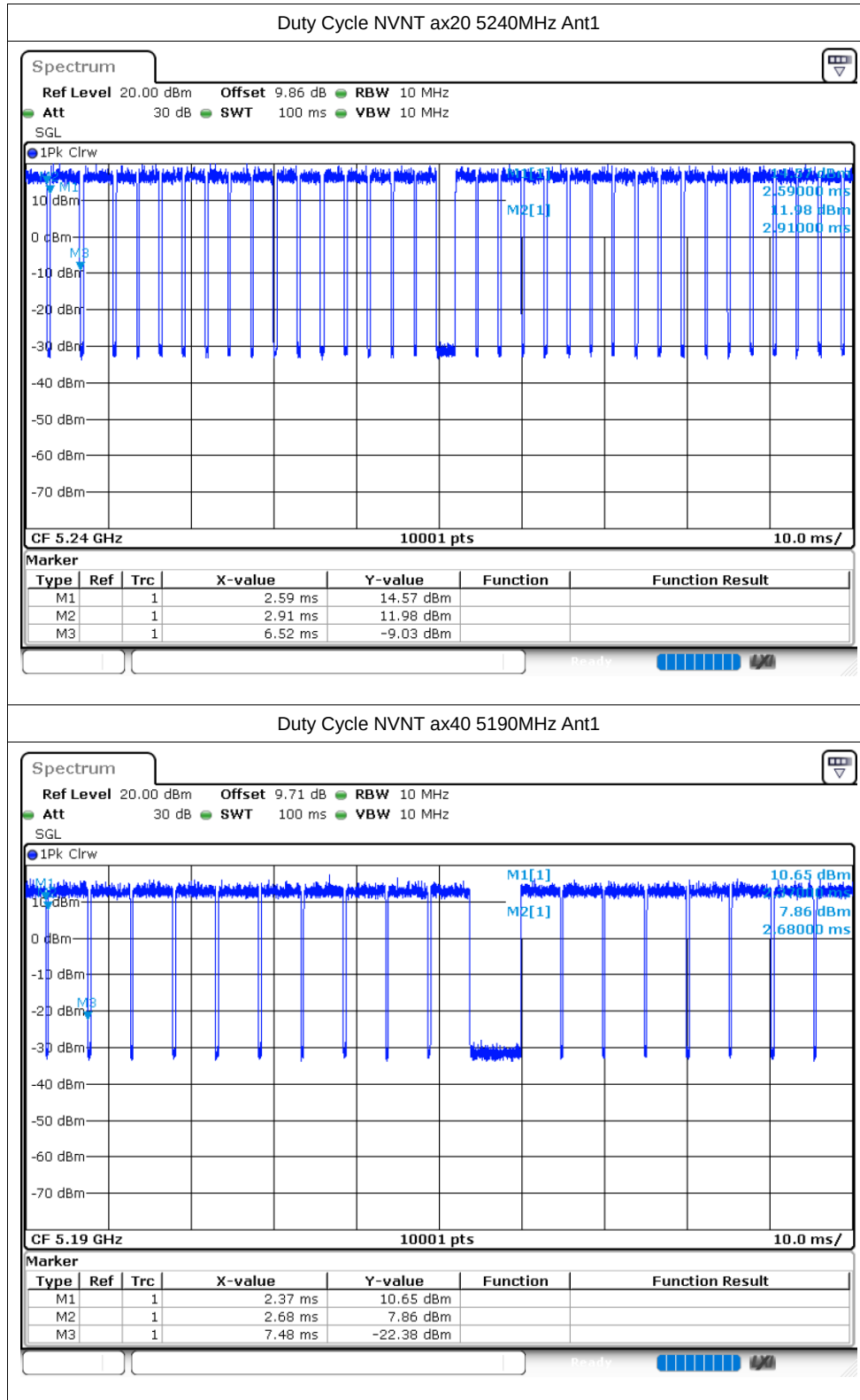


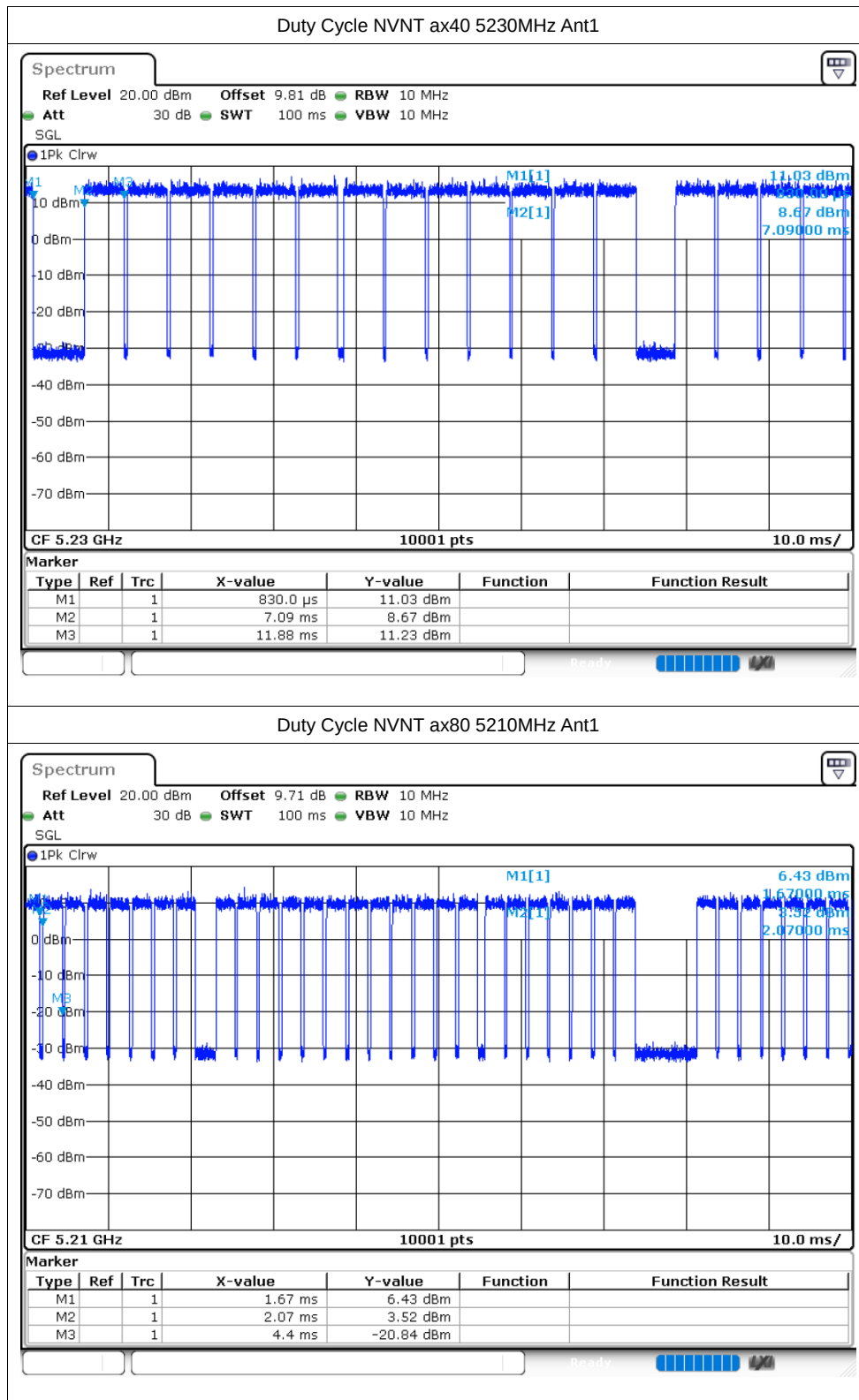












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	10.22	0.53	10.75	24	Pass
NVNT	a	5200	Ant1	10.31	0.27	10.58	24	Pass
NVNT	a	5240	Ant1	9.81	0.72	10.53	24	Pass
NVNT	n20	5180	Ant1	10.5	0.71	11.21	24	Pass
NVNT	n20	5200	Ant1	10.2	0.51	10.71	24	Pass
NVNT	n20	5240	Ant1	10	0.54	10.54	24	Pass
NVNT	n40	5190	Ant1	10.23	0.73	10.96	24	Pass
NVNT	n40	5230	Ant1	10.39	0.38	10.77	24	Pass
NVNT	ac20	5180	Ant1	10.41	0.32	10.73	24	Pass
NVNT	ac20	5200	Ant1	10.45	0.59	11.04	24	Pass
NVNT	ac20	5240	Ant1	10.1	0.56	10.66	24	Pass
NVNT	ac40	5190	Ant1	10.19	1.28	11.47	24	Pass
NVNT	ac40	5230	Ant1	10.58	1.96	12.54	24	Pass
NVNT	ac80	5210	Ant1	10.17	0.87	11.04	24	Pass
NVNT	ax20	5180	Ant1	10.46	0.86	11.32	24	Pass
NVNT	ax20	5200	Ant1	10.29	0.77	11.06	24	Pass
NVNT	ax20	5240	Ant1	10.6	0.62	11.22	24	Pass
NVNT	ax40	5190	Ant1	9.99	0.53	10.52	24	Pass
NVNT	ax40	5230	Ant1	10.48	0.79	11.27	24	Pass
NVNT	ax80	5210	Ant1	10.09	1.04	11.13	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	22.038	Pass
NVNT	a	5200	Ant1	21.426	Pass
NVNT	a	5240	Ant1	21.192	Pass
NVNT	n20	5180	Ant1	21.669	Pass
NVNT	n20	5200	Ant1	21.312	Pass
NVNT	n20	5240	Ant1	21.855	Pass
NVNT	n40	5190	Ant1	40.704	Pass
NVNT	n40	5230	Ant1	41.07	Pass
NVNT	ac20	5180	Ant1	22.134	Pass
NVNT	ac20	5200	Ant1	22.161	Pass
NVNT	ac20	5240	Ant1	21.564	Pass
NVNT	ac40	5190	Ant1	40.758	Pass
NVNT	ac40	5230	Ant1	42.03	Pass
NVNT	ac80	5210	Ant1	80.724	Pass
NVNT	ax20	5180	Ant1	21.591	Pass
NVNT	ax20	5200	Ant1	22.167	Pass
NVNT	ax20	5240	Ant1	22.185	Pass
NVNT	ax40	5190	Ant1	41.154	Pass
NVNT	ax40	5230	Ant1	41.304	Pass
NVNT	ax80	5210	Ant1	83.052	Pass

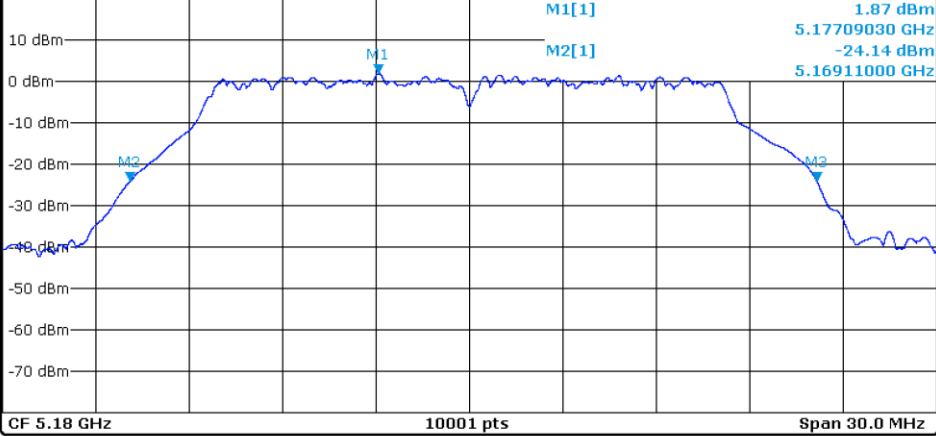
Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 9.81 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

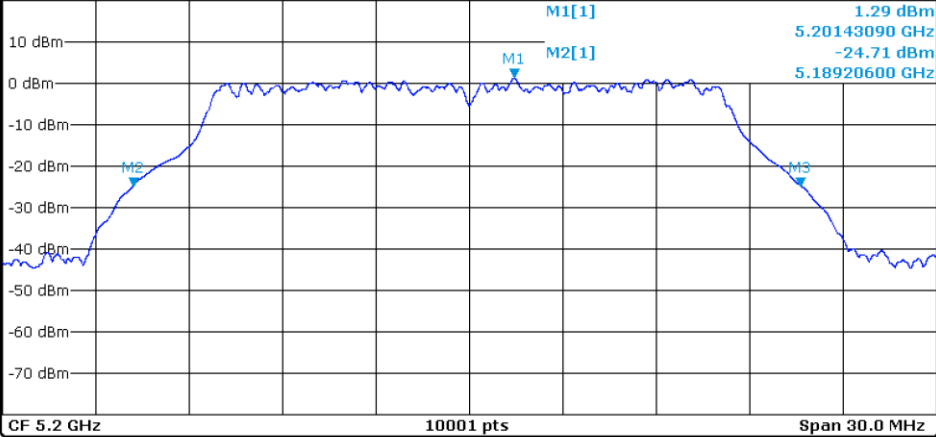
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.1770903 GHz	1.87 dBm		
M2	1		5.16911 GHz	-24.14 dBm		
M3	1		5.191148 GHz	-24.11 dBm		

-26dB Bandwidth NVNT a 5200MHz Ant1

Spectrum

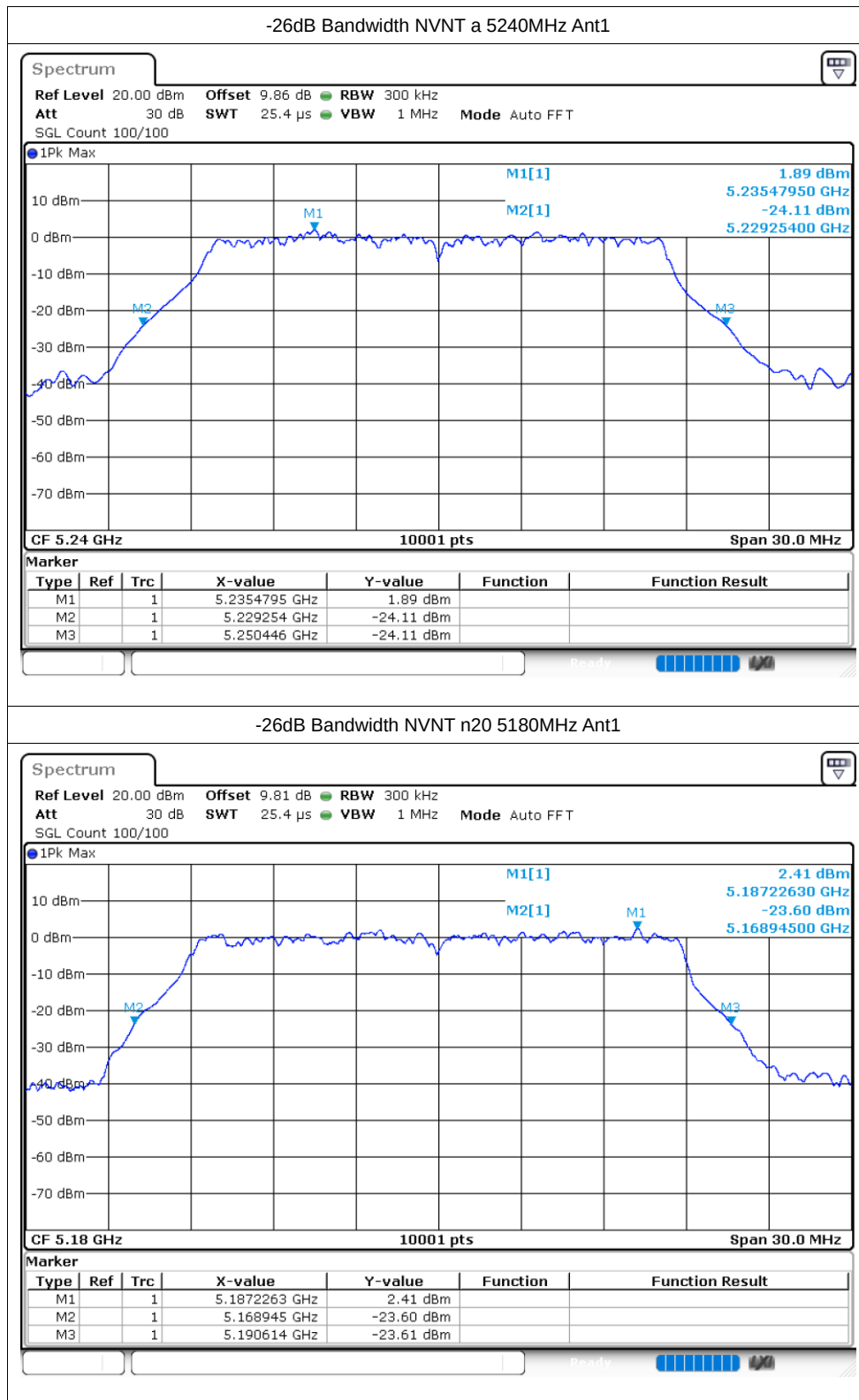
Ref Level 20.00 dBm Offset 9.67 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

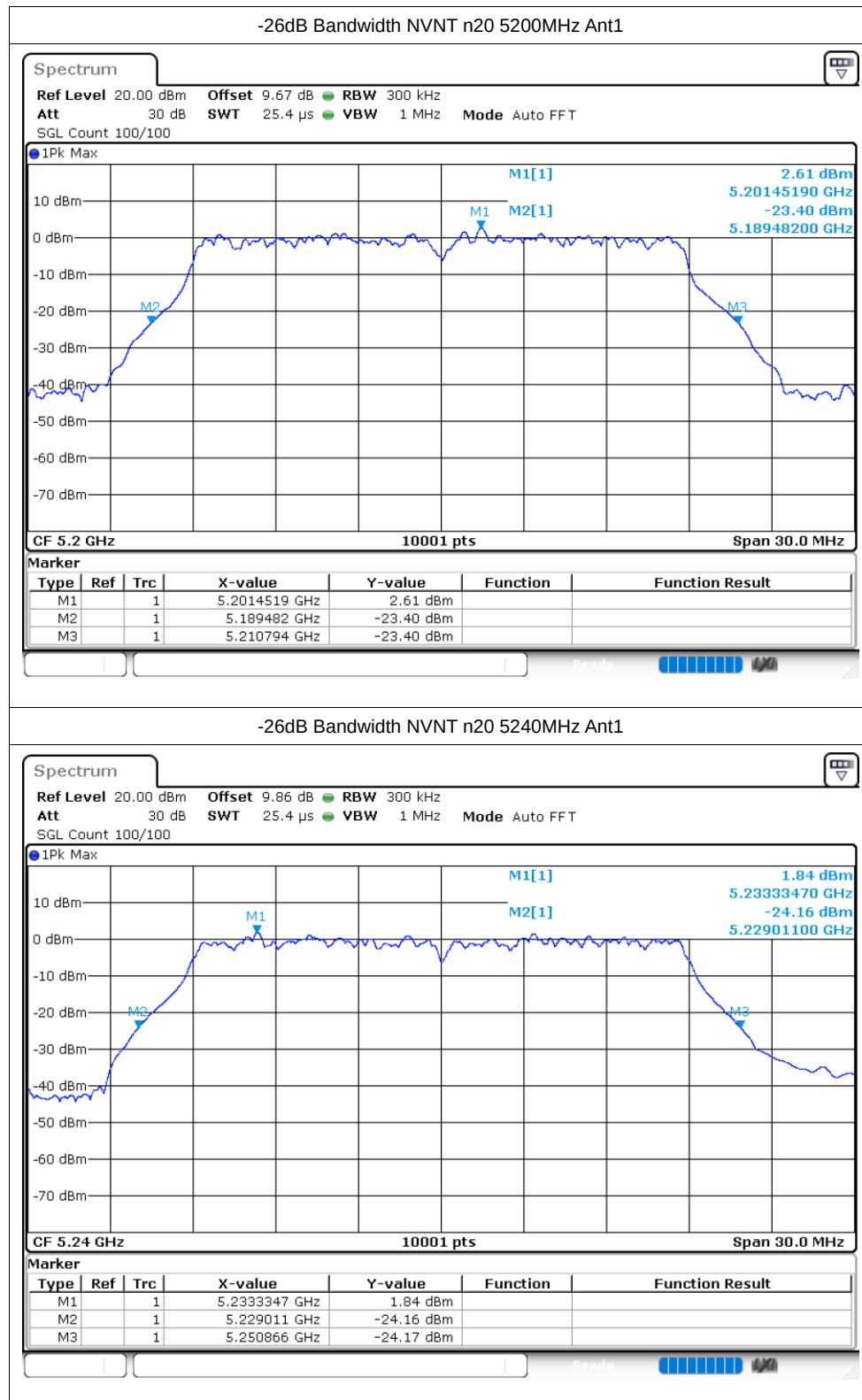
1Pk Max

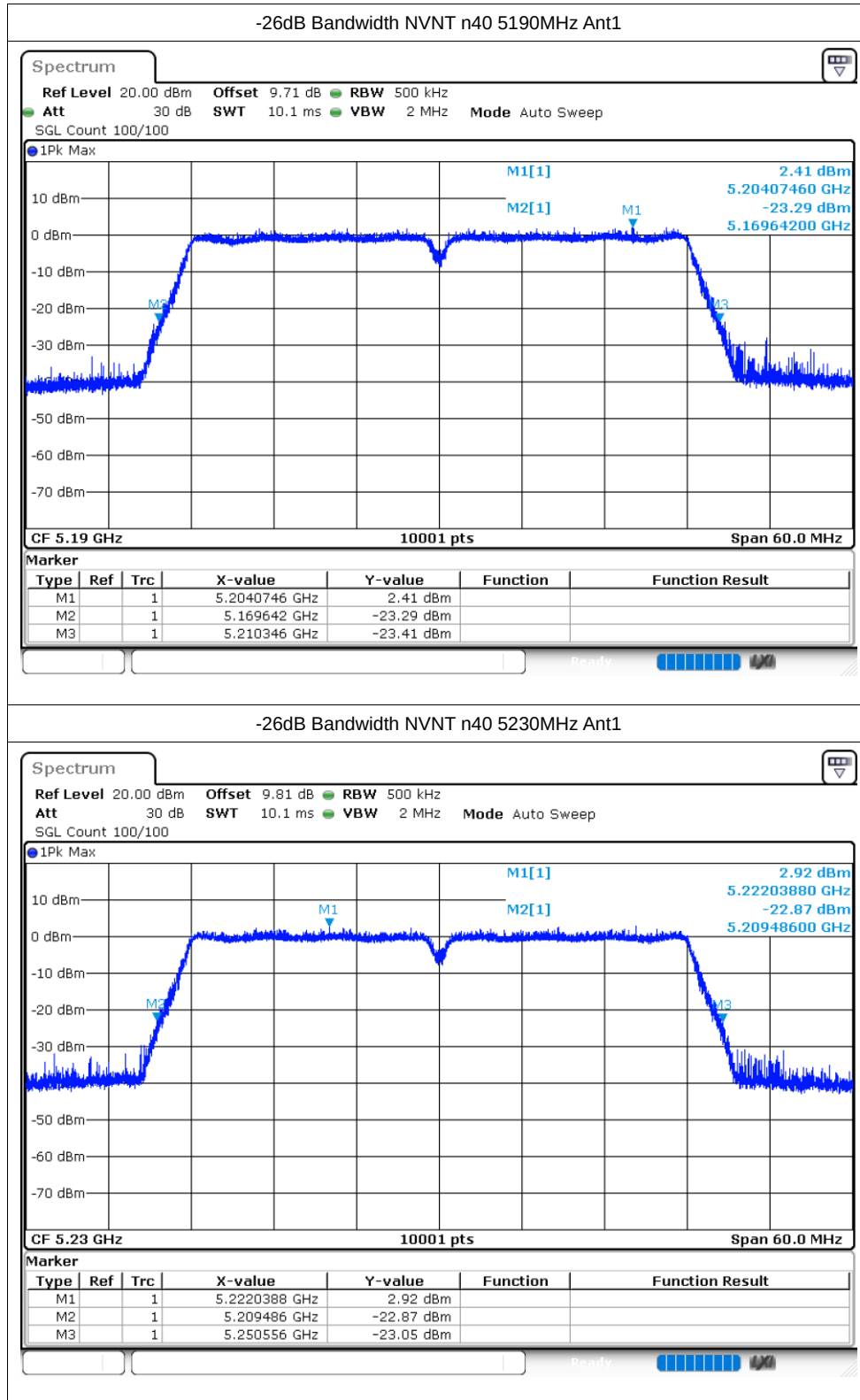


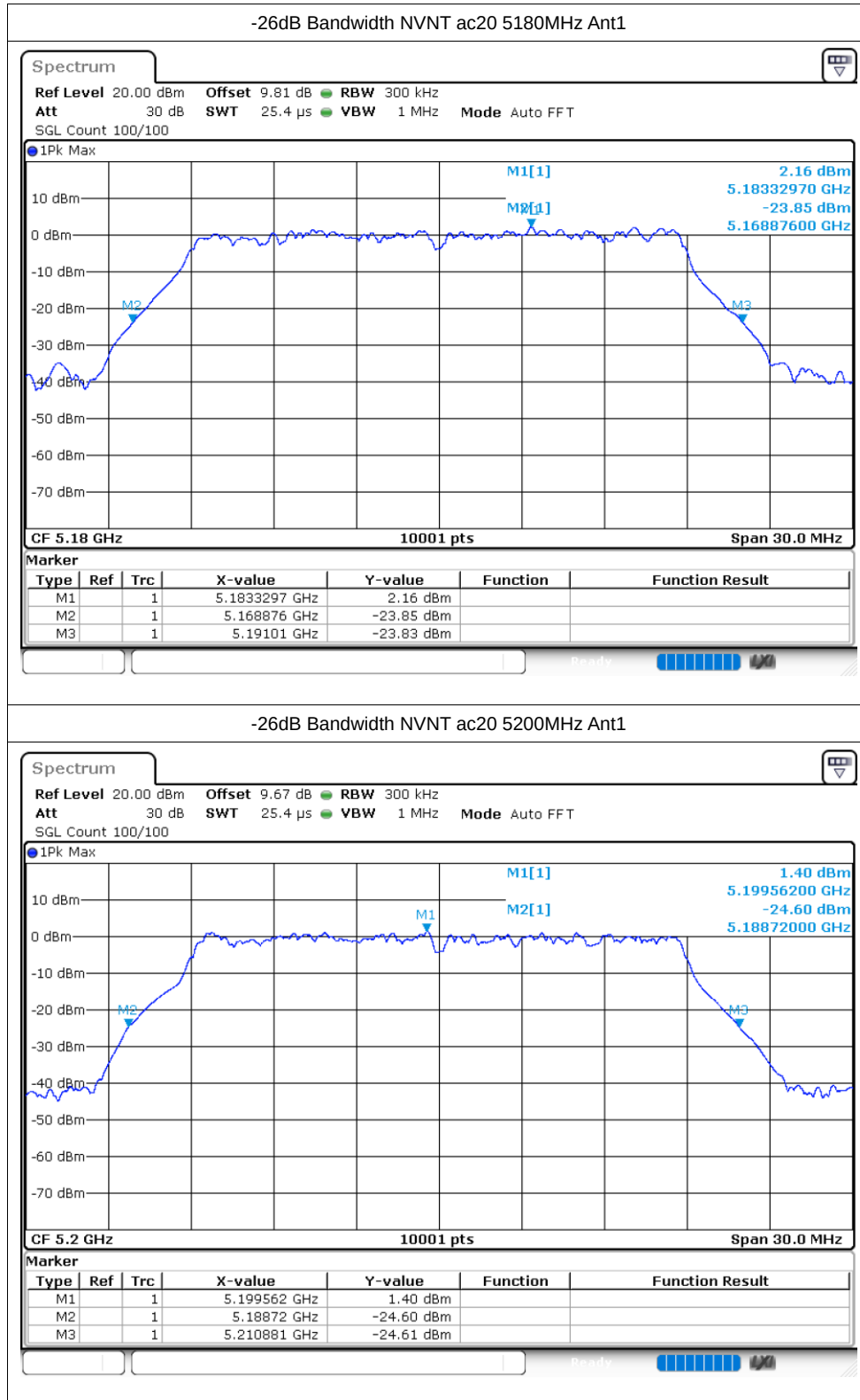
Marker

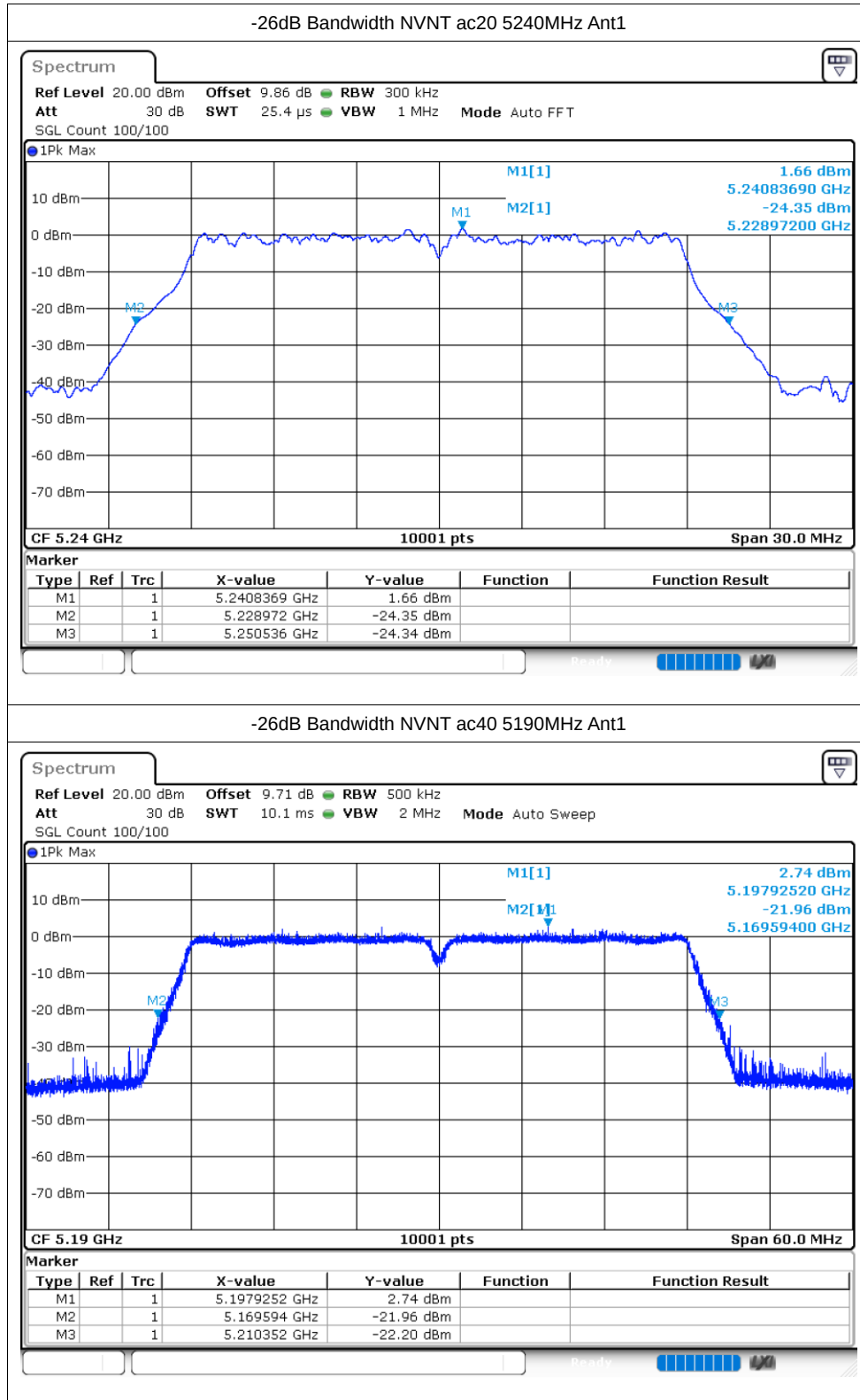
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.2014309 GHz	1.29 dBm		
M2	1		5.189206 GHz	-24.71 dBm		
M3	1		5.210632 GHz	-24.72 dBm		

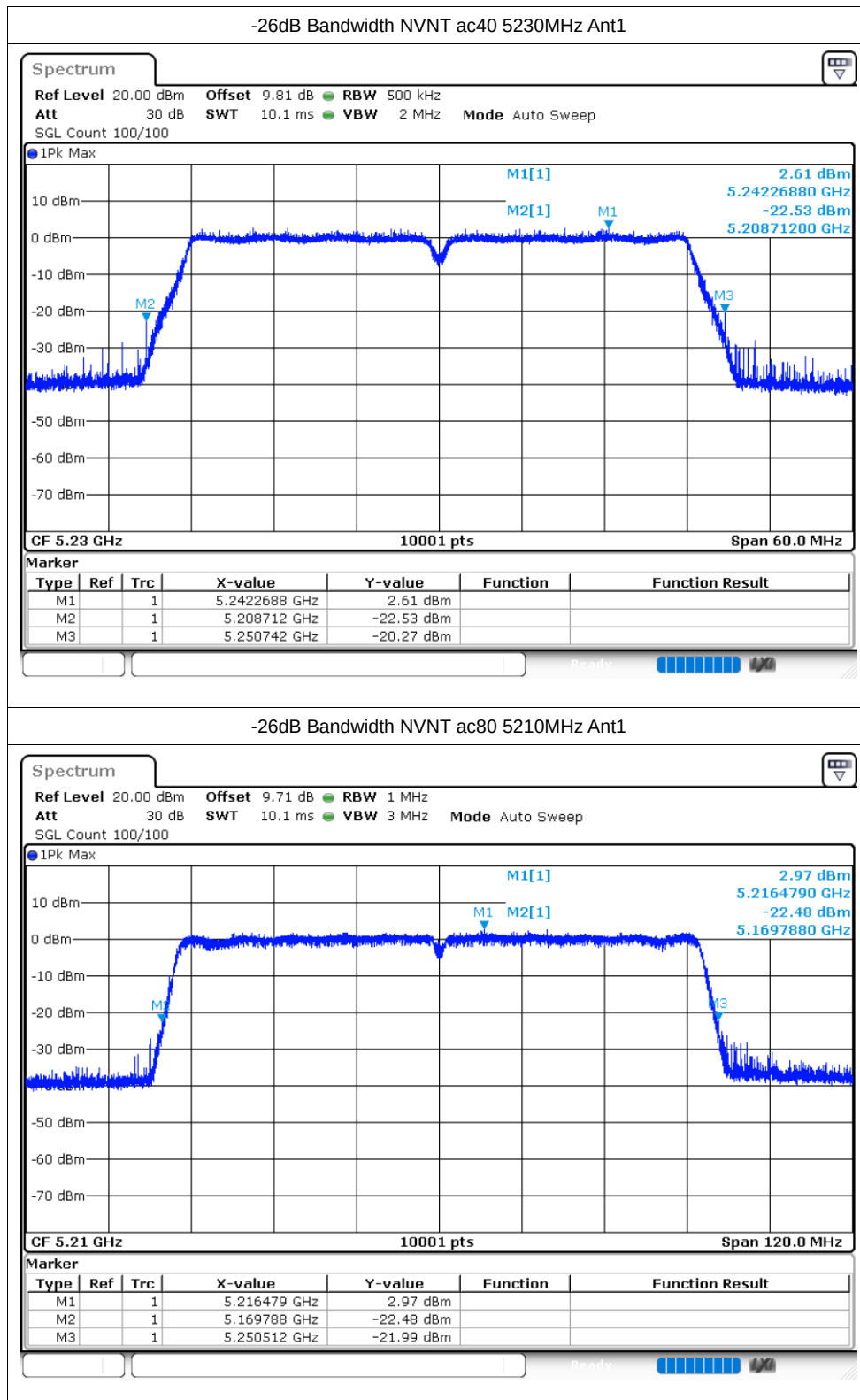


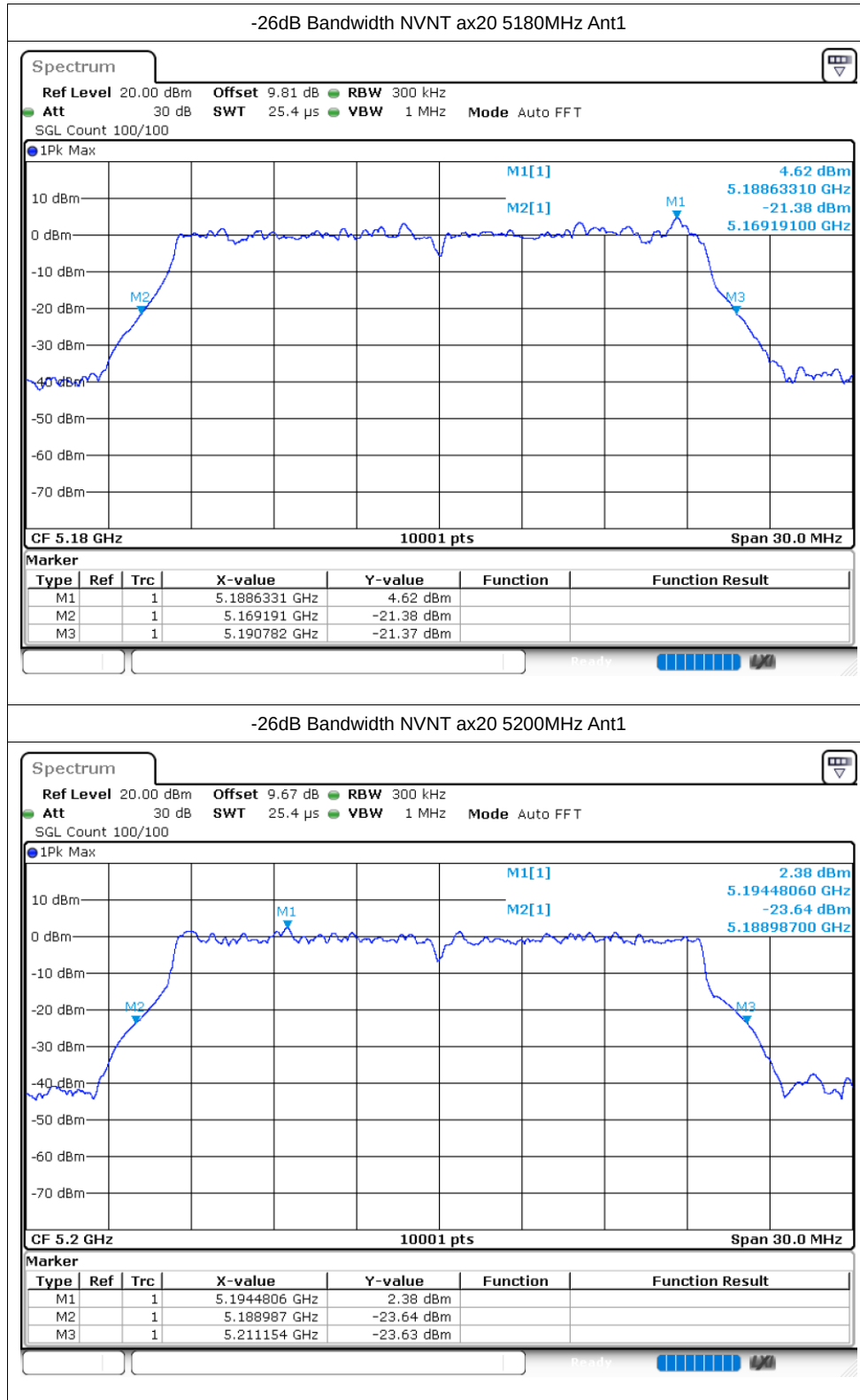


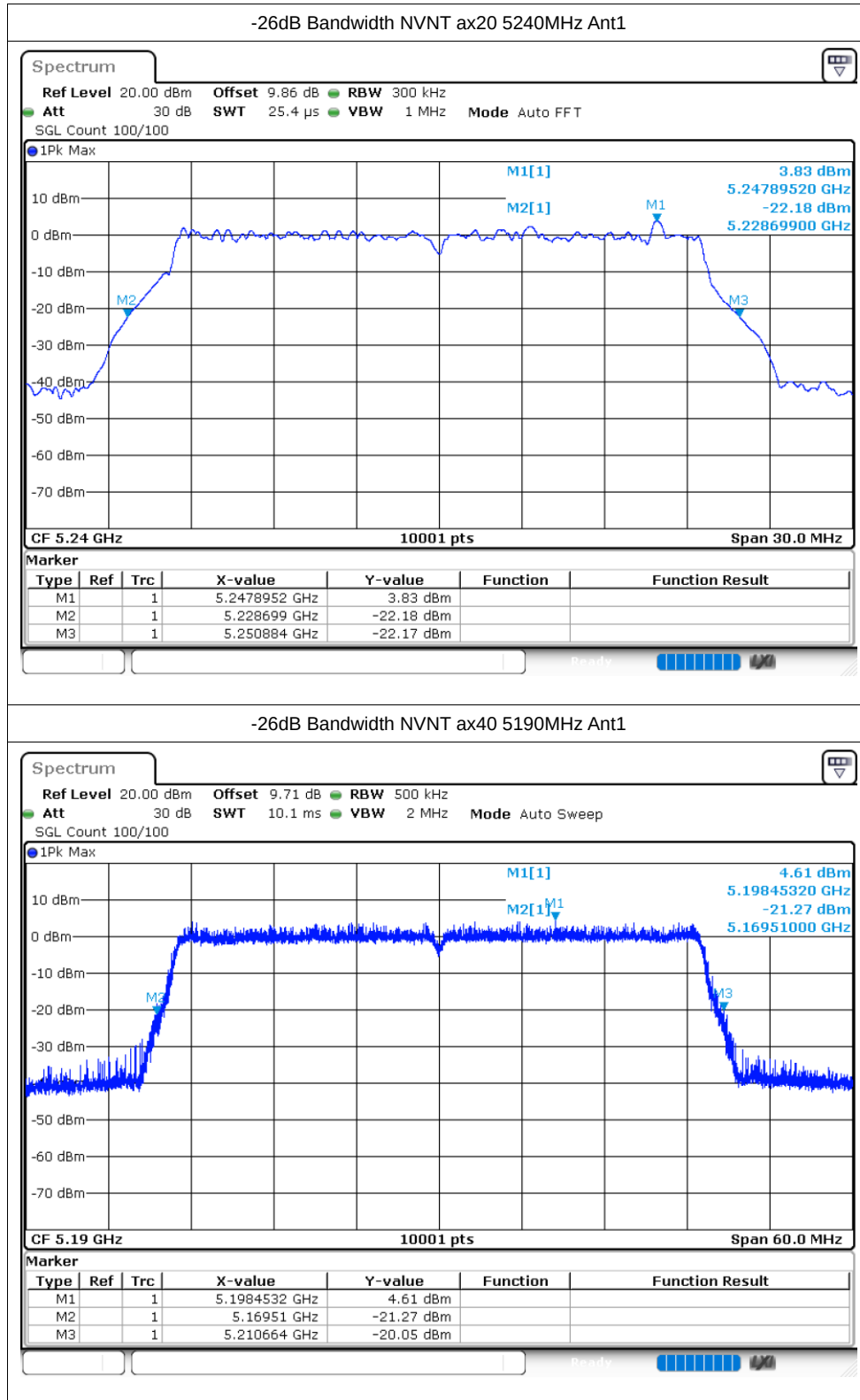


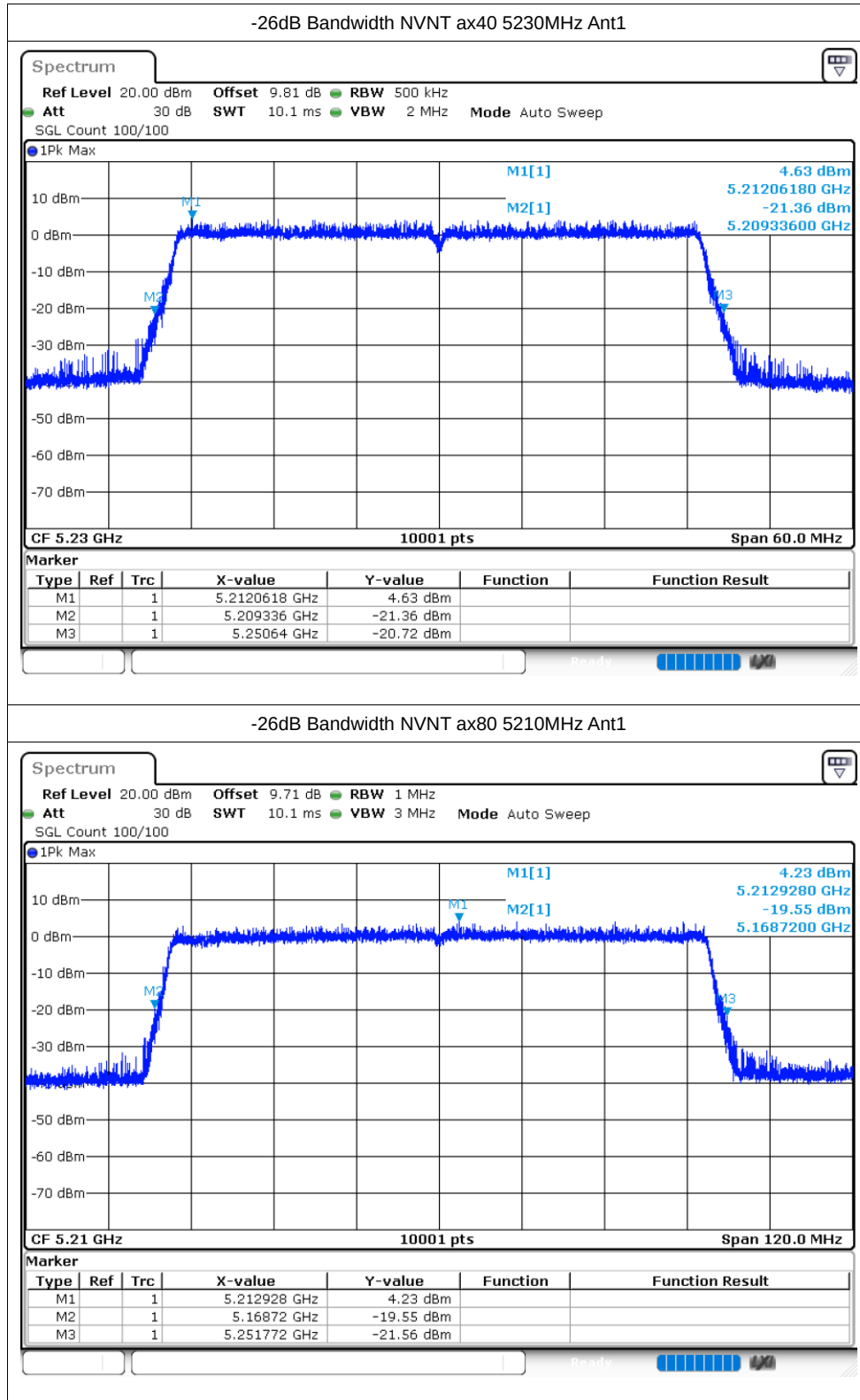










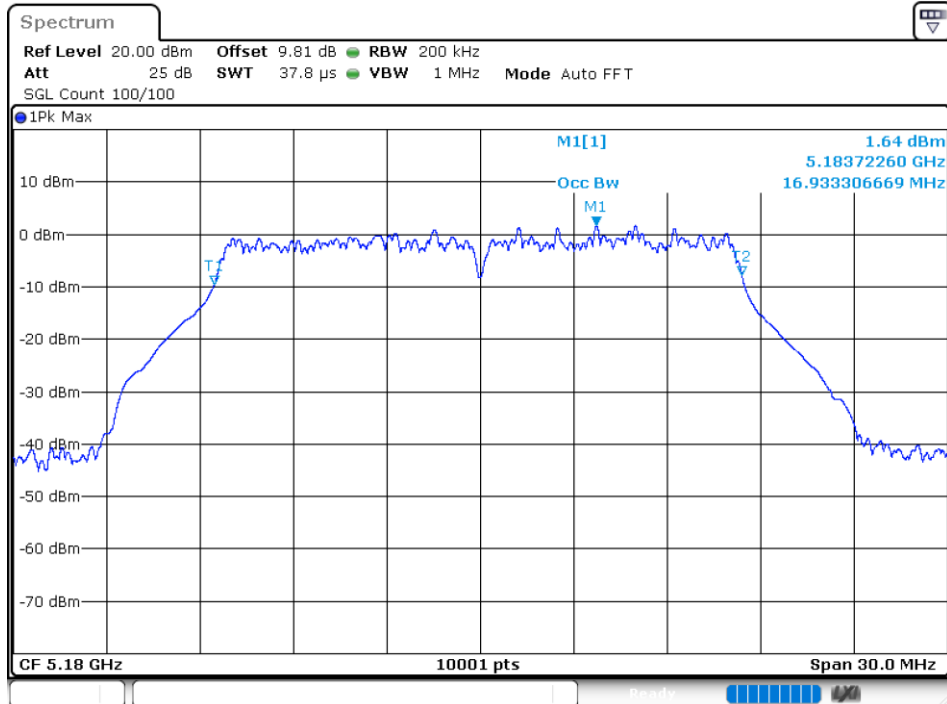


Occupied Channel Bandwidth

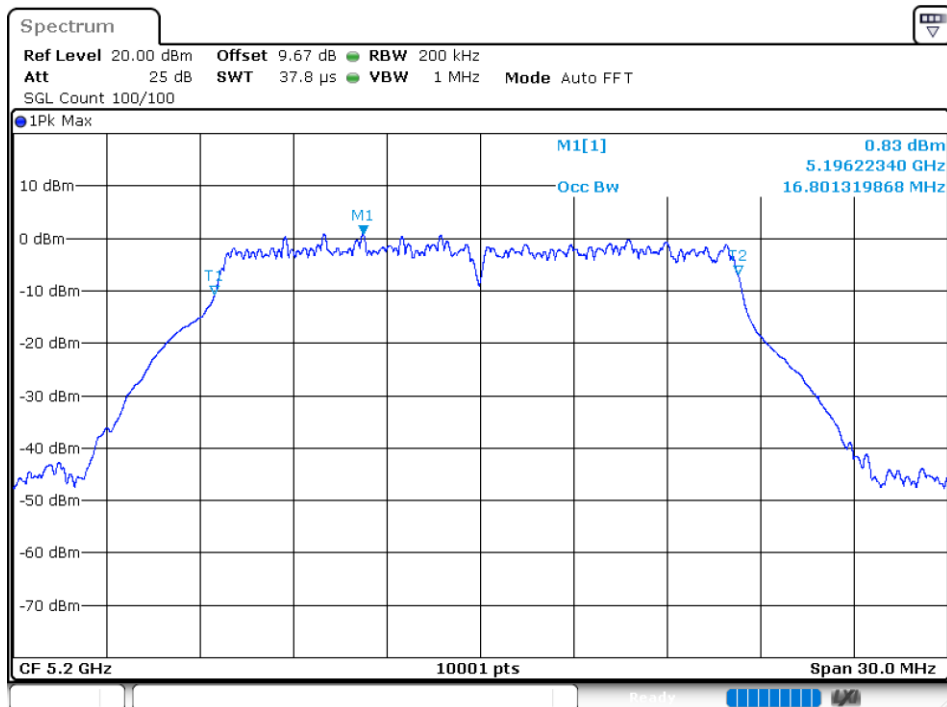
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.933
NVNT	a	5200	Ant1	16.801
NVNT	a	5240	Ant1	16.732
NVNT	n20	5180	Ant1	17.917
NVNT	n20	5200	Ant1	17.893
NVNT	n20	5240	Ant1	17.914
NVNT	n40	5190	Ant1	36.494
NVNT	n40	5230	Ant1	36.572
NVNT	ac20	5180	Ant1	18.004
NVNT	ac20	5200	Ant1	17.806
NVNT	ac20	5240	Ant1	17.854
NVNT	ac40	5190	Ant1	36.512
NVNT	ac40	5230	Ant1	36.53
NVNT	ac80	5210	Ant1	75.436
NVNT	ax20	5180	Ant1	19.069
NVNT	ax20	5200	Ant1	19.042
NVNT	ax20	5240	Ant1	19.183
NVNT	ax40	5190	Ant1	37.868
NVNT	ax40	5230	Ant1	37.922
NVNT	ax80	5210	Ant1	77.356

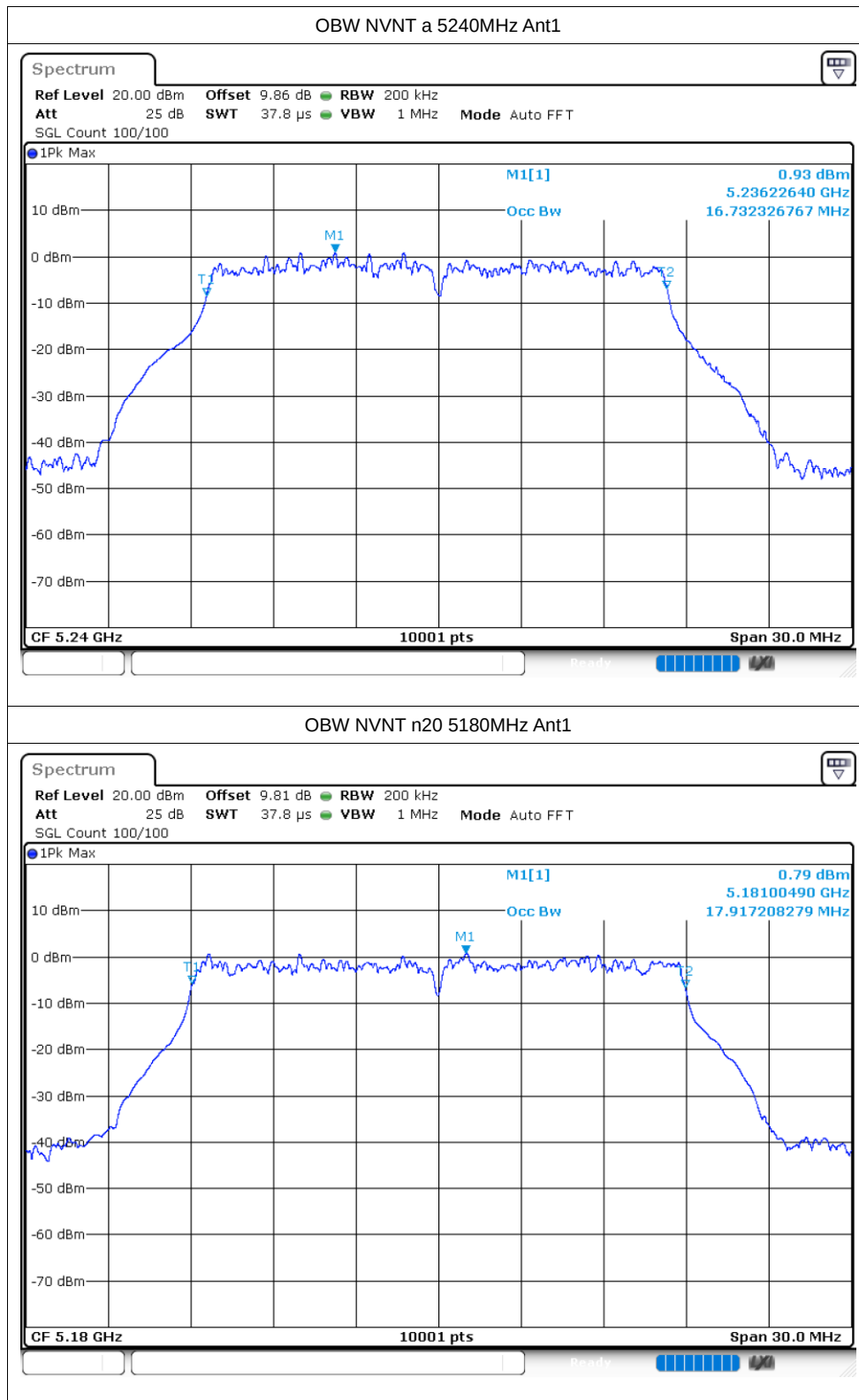
Test Graphs

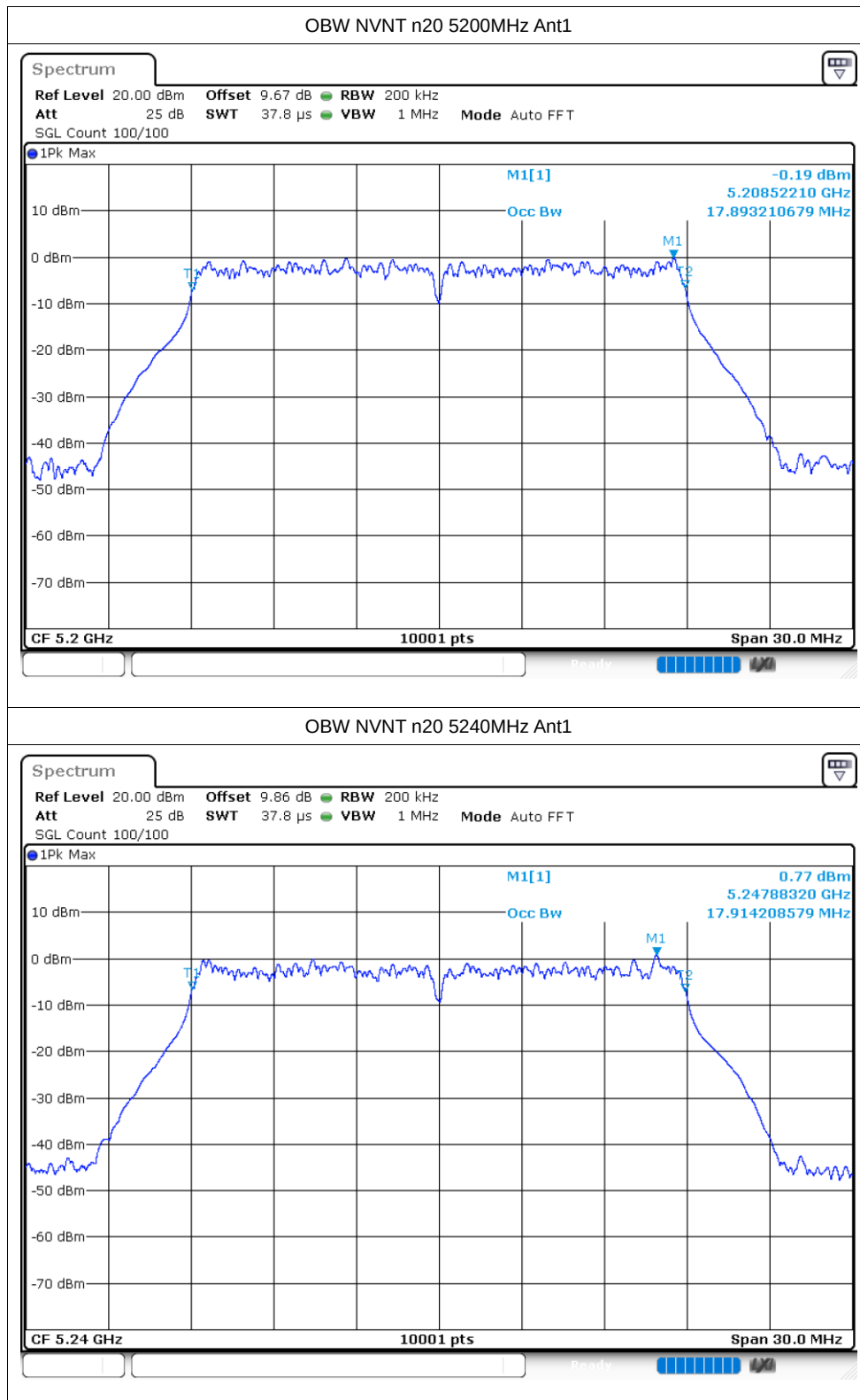
OBW NVNT a 5180MHz Ant1

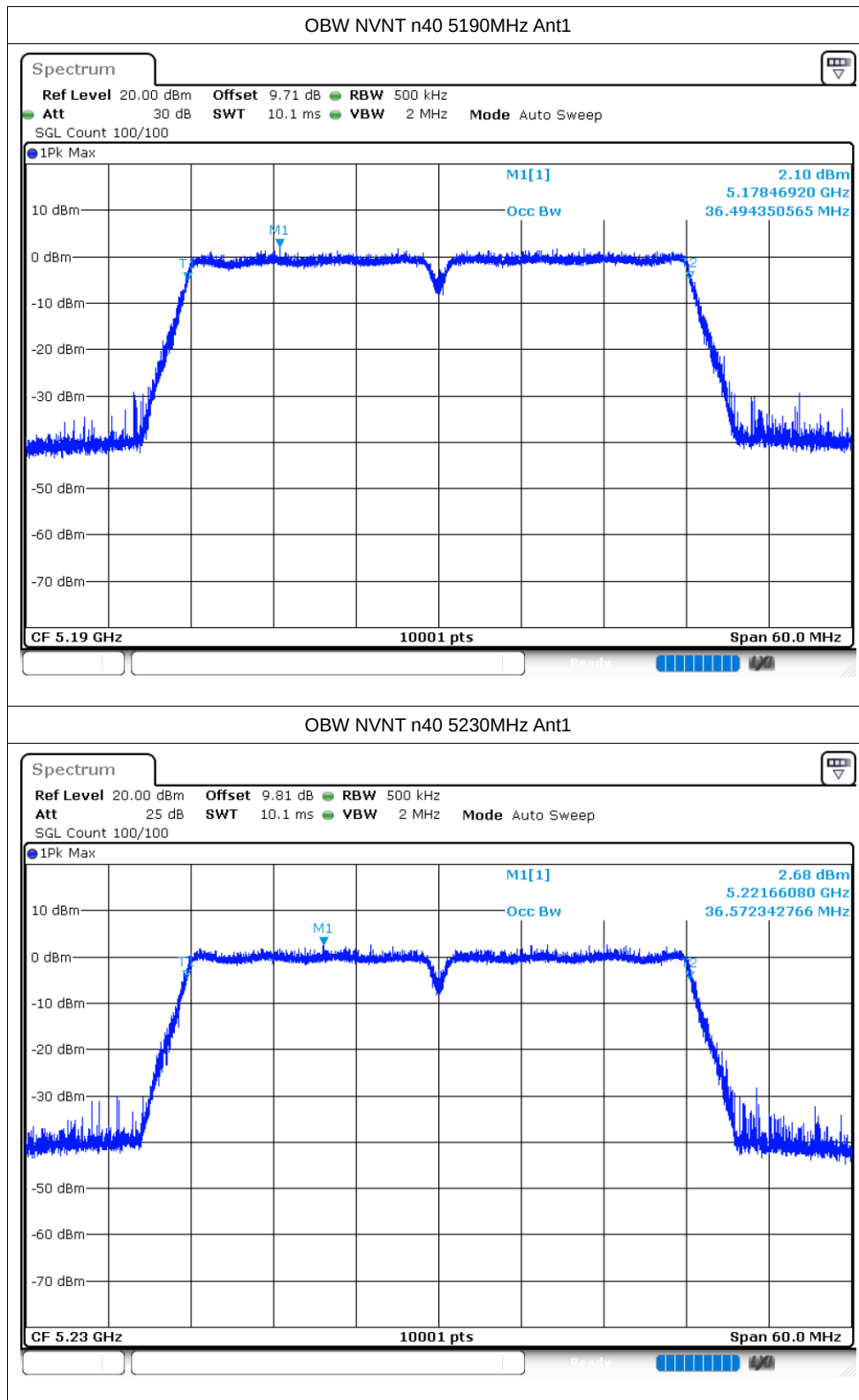


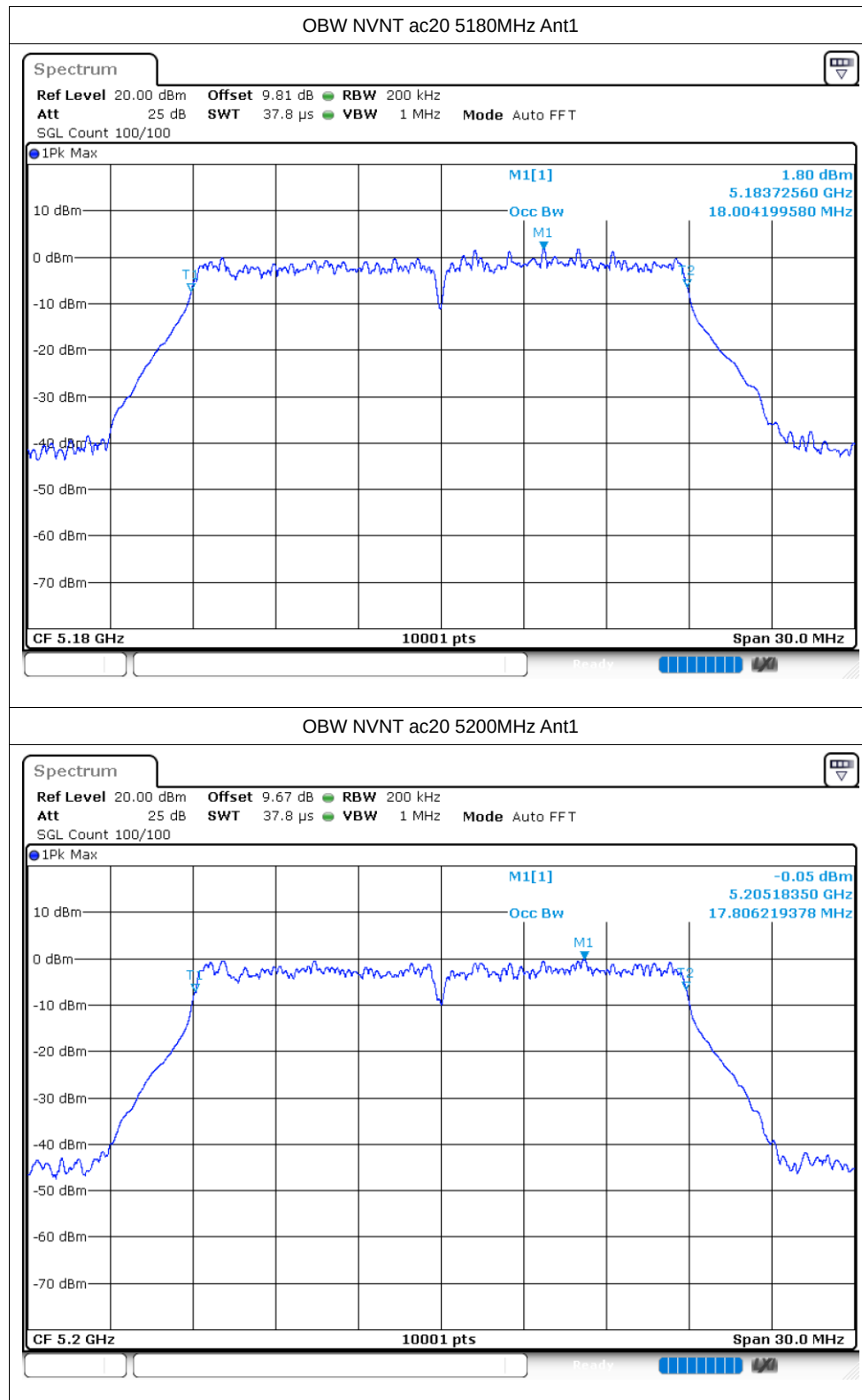
OBW NVNT a 5200MHz Ant1

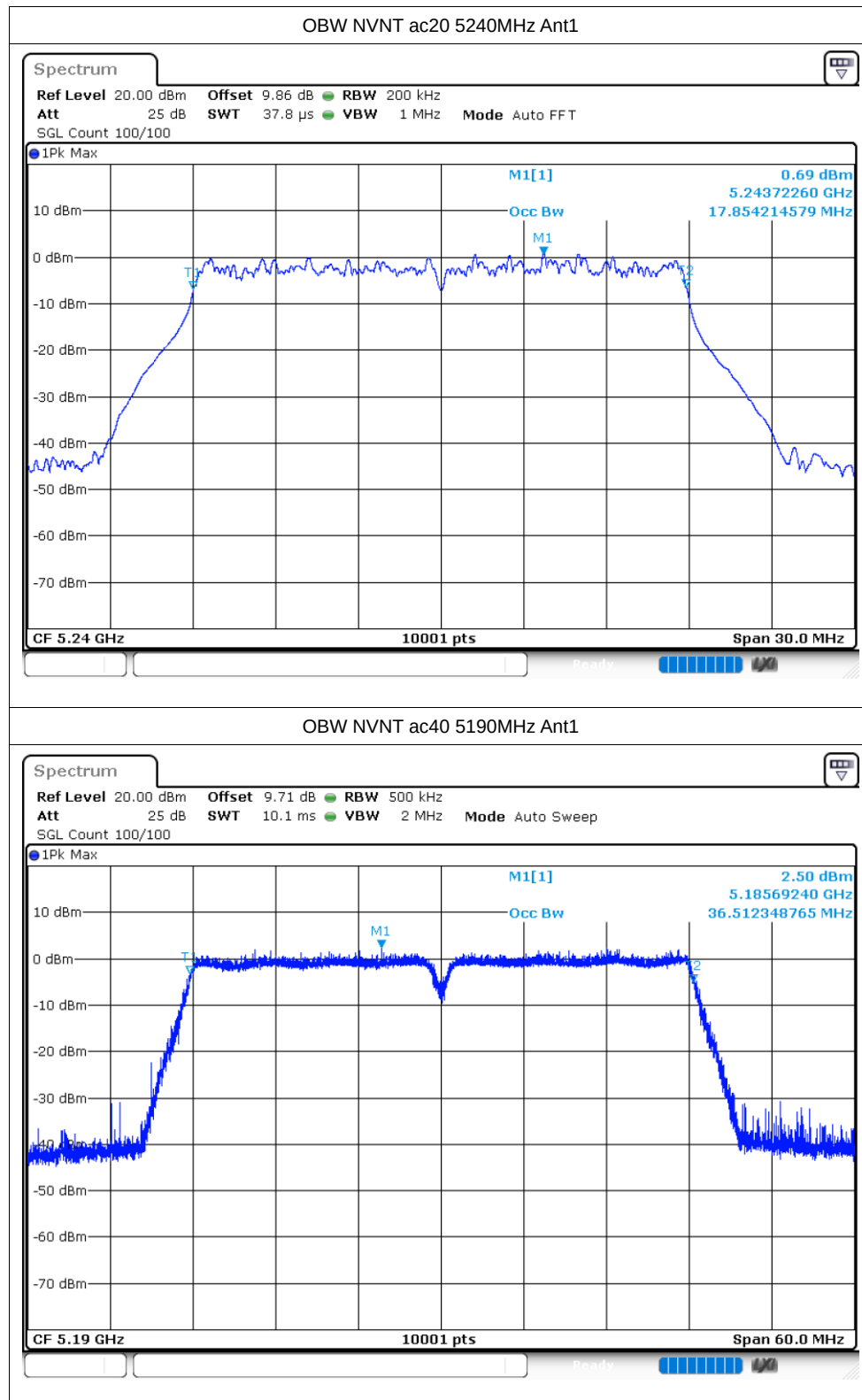


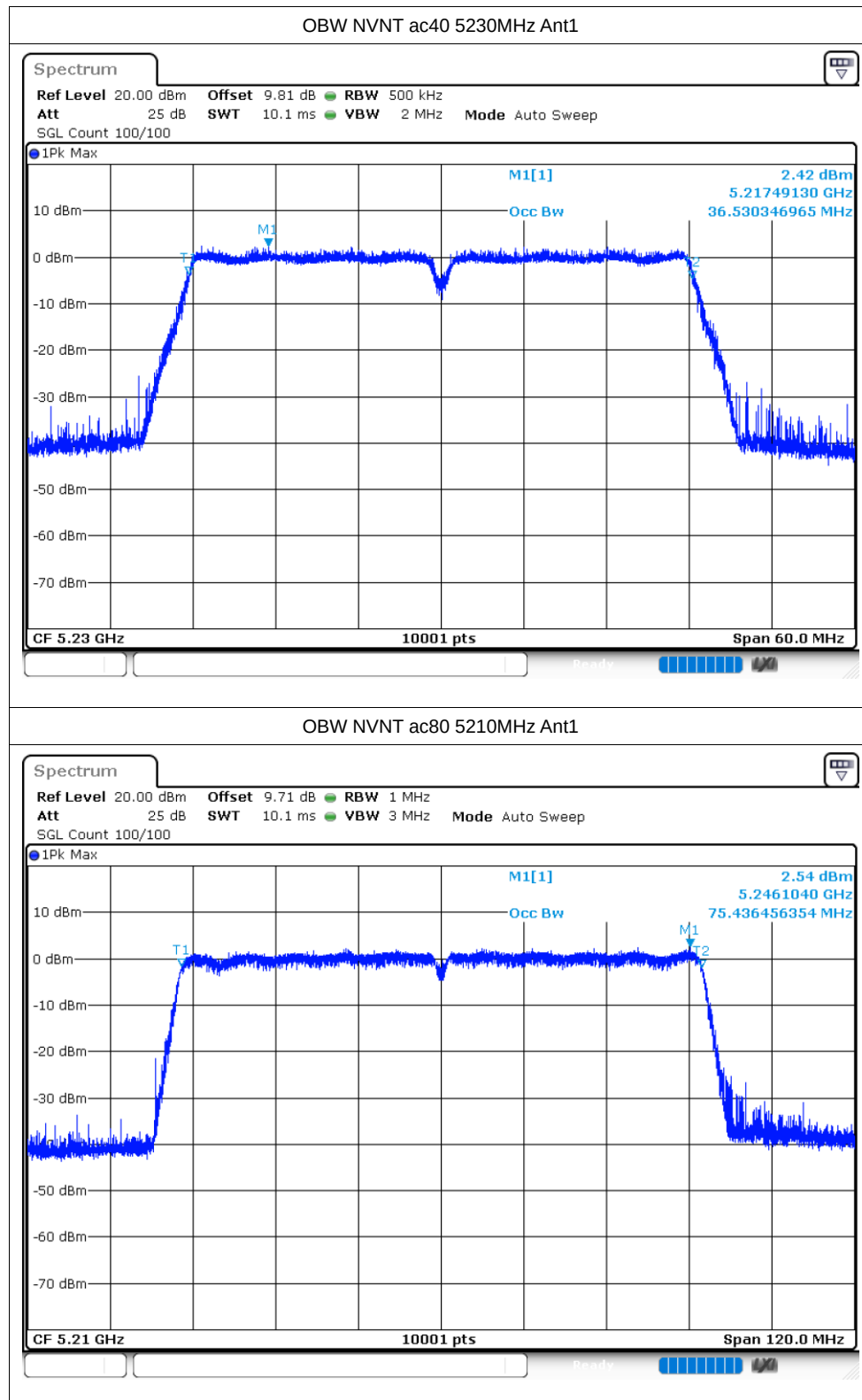


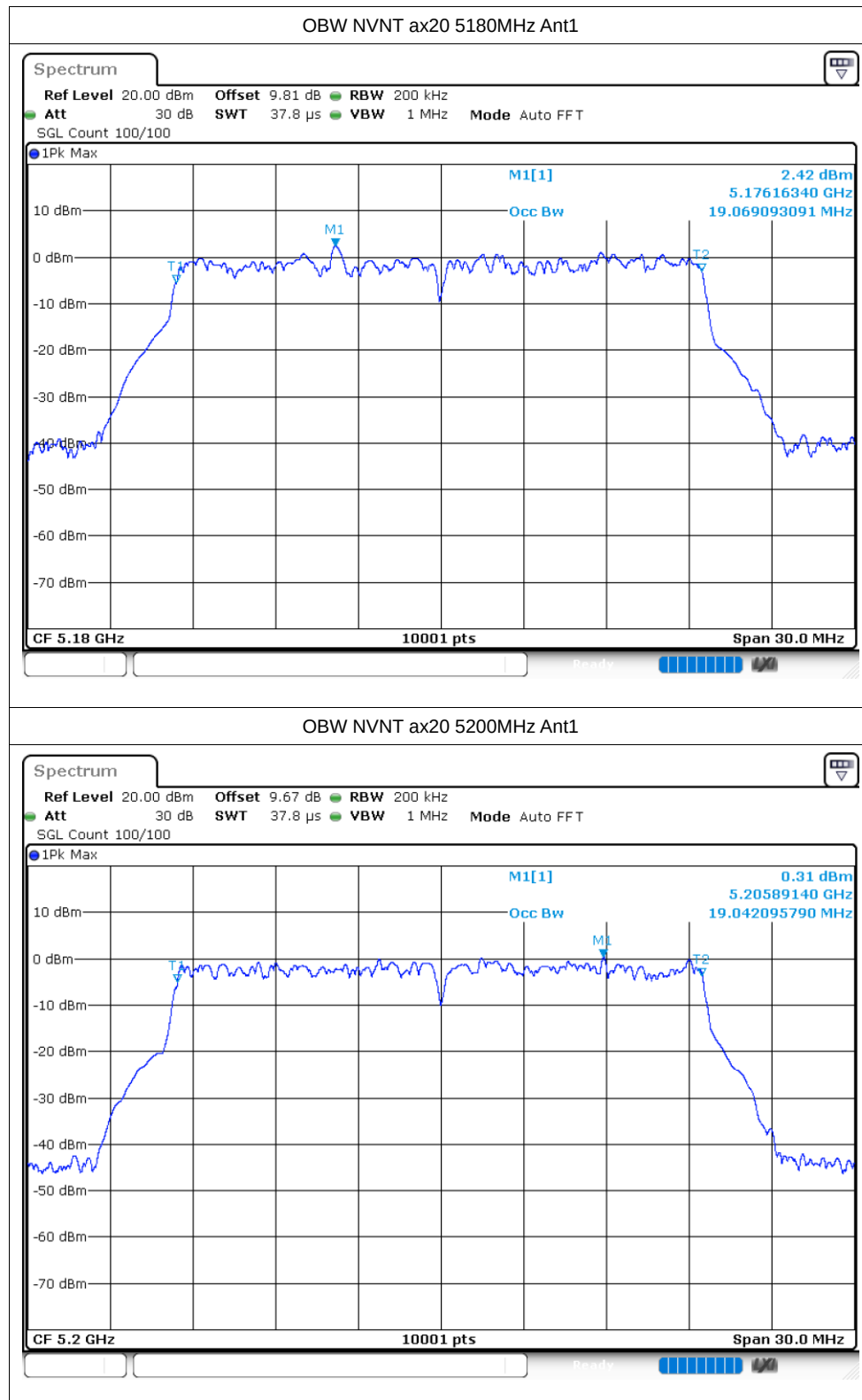


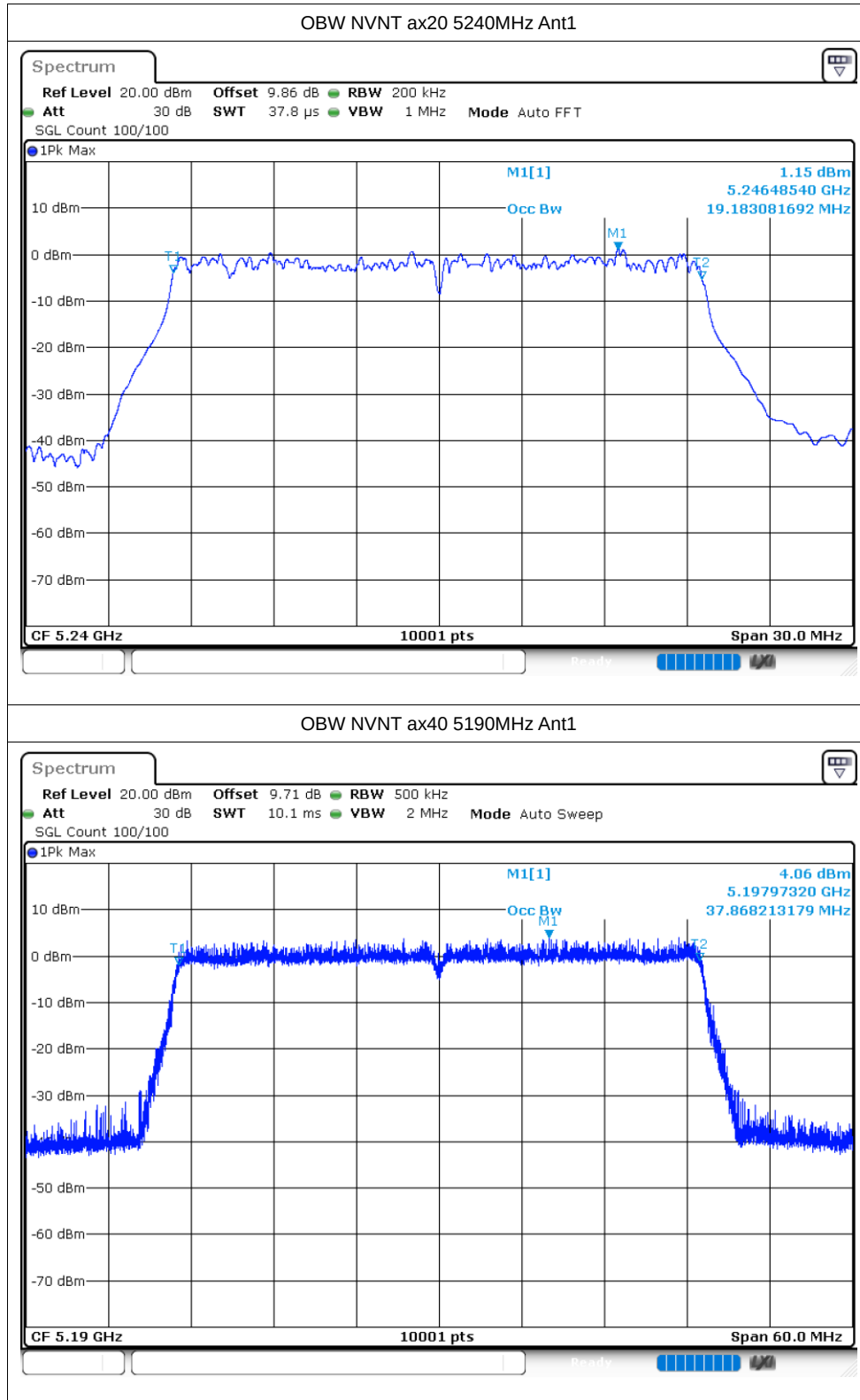


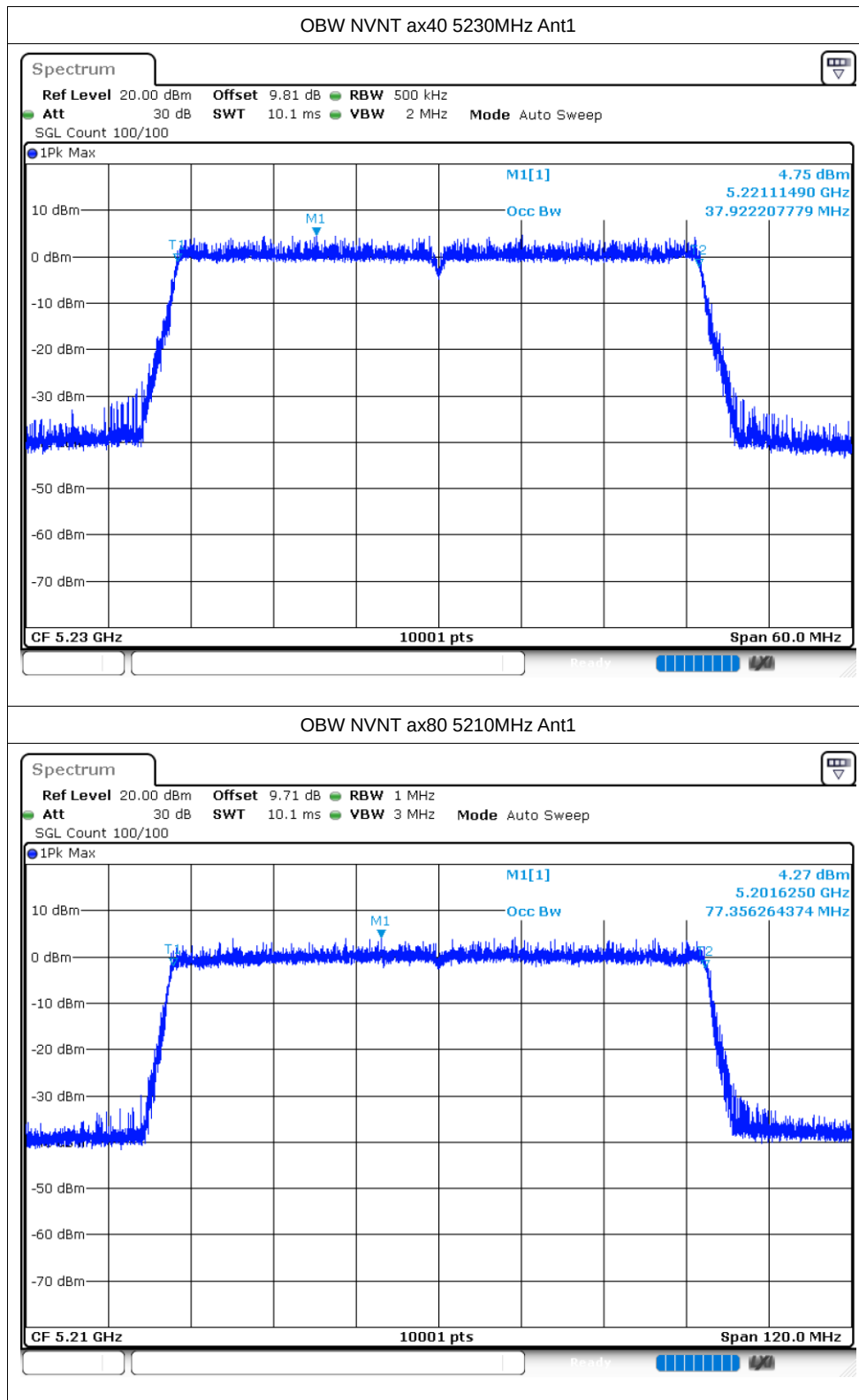










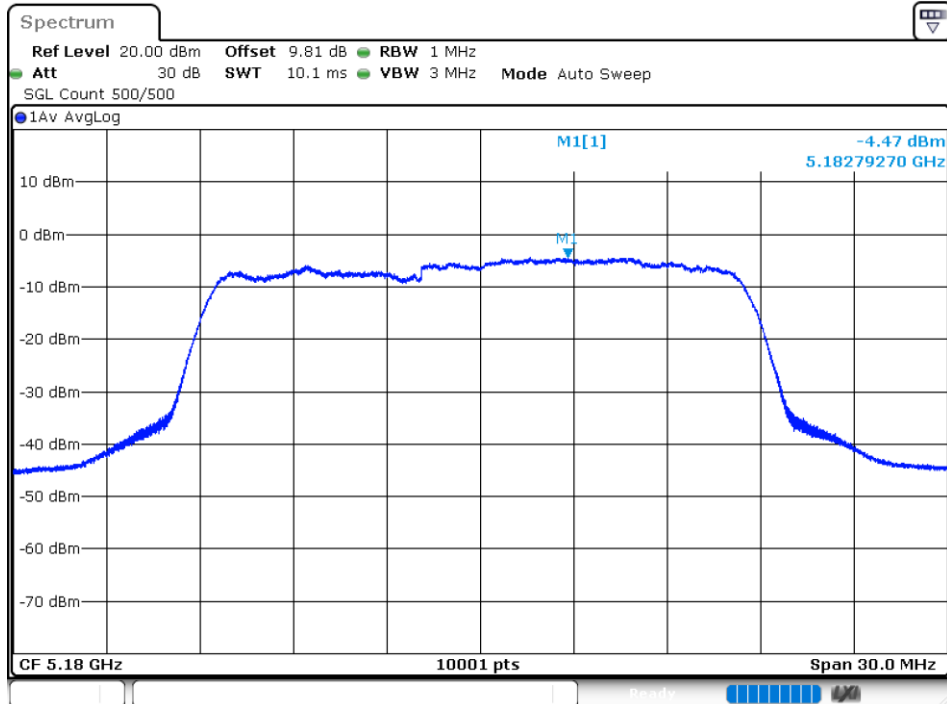


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-4.47	0.53	-3.94	11	Pass
NVNT	a	5200	Ant1	-5.79	0.27	-5.52	11	Pass
NVNT	a	5240	Ant1	-5.91	0.72	-5.19	11	Pass
NVNT	n20	5180	Ant1	-6.02	0.71	-5.31	11	Pass
NVNT	n20	5200	Ant1	-7.04	0.51	-6.53	11	Pass
NVNT	n20	5240	Ant1	-6.16	0.54	-5.62	11	Pass
NVNT	n40	5190	Ant1	-11.62	0.73	-10.89	11	Pass
NVNT	n40	5230	Ant1	-6.42	0.38	-6.04	11	Pass
NVNT	ac20	5180	Ant1	-6.39	0.32	-6.07	11	Pass
NVNT	ac20	5200	Ant1	-6.42	0.59	-5.83	11	Pass
NVNT	ac20	5240	Ant1	-3.54	0.56	-2.98	11	Pass
NVNT	ac40	5190	Ant1	-10.99	1.28	-9.71	11	Pass
NVNT	ac40	5230	Ant1	-10.79	1.96	-8.83	11	Pass
NVNT	ac80	5210	Ant1	-14.24	0.87	-13.37	11	Pass
NVNT	ax20	5180	Ant1	-5.76	0.86	-4.9	11	Pass
NVNT	ax20	5200	Ant1	-6.94	0.77	-6.17	11	Pass
NVNT	ax20	5240	Ant1	-6.7	0.62	-6.08	11	Pass
NVNT	ax40	5190	Ant1	-8.02	0.53	-7.49	11	Pass
NVNT	ax40	5230	Ant1	-9.65	0.79	-8.86	11	Pass
NVNT	ax80	5210	Ant1	-14.3	1.04	-13.26	11	Pass

Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1

