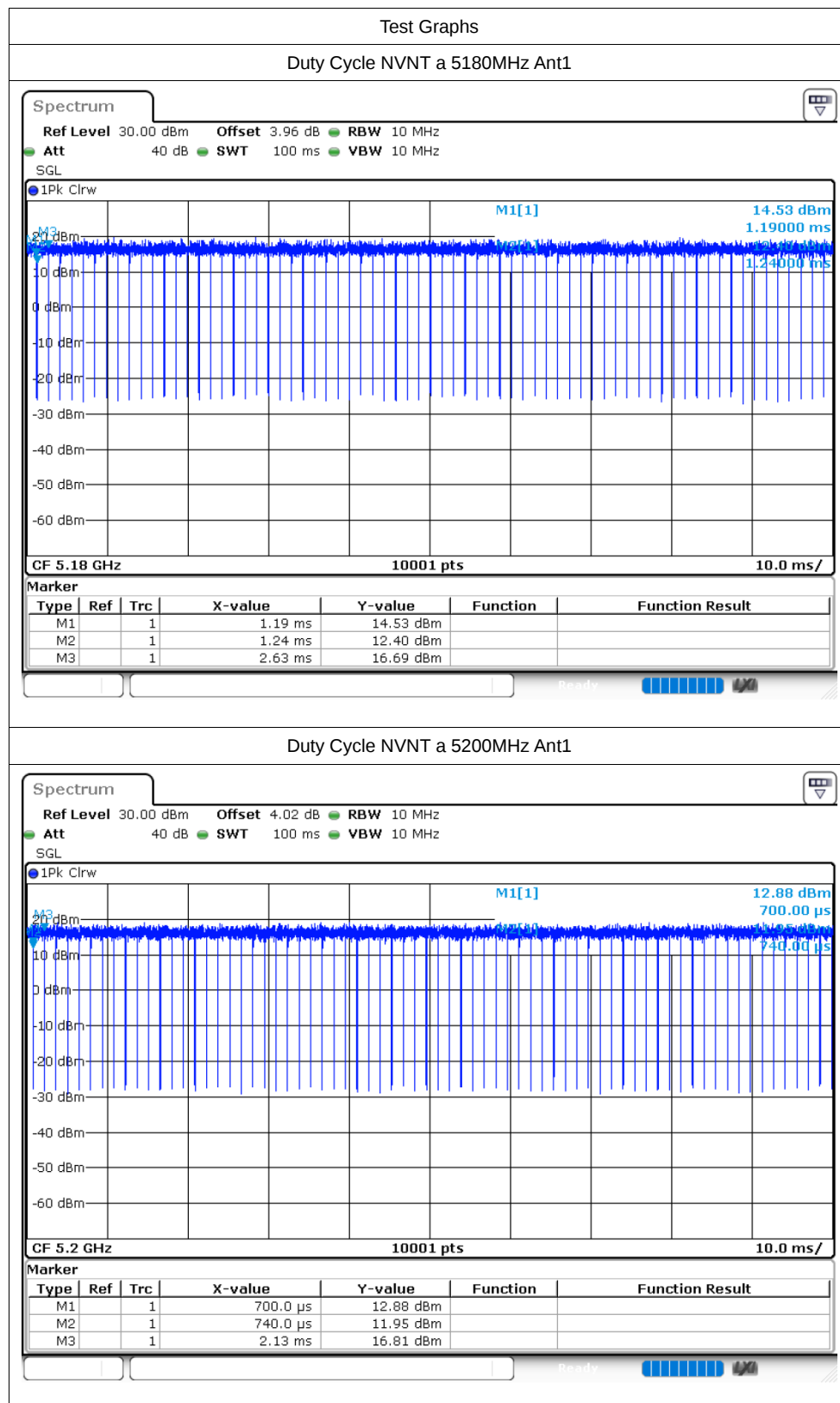
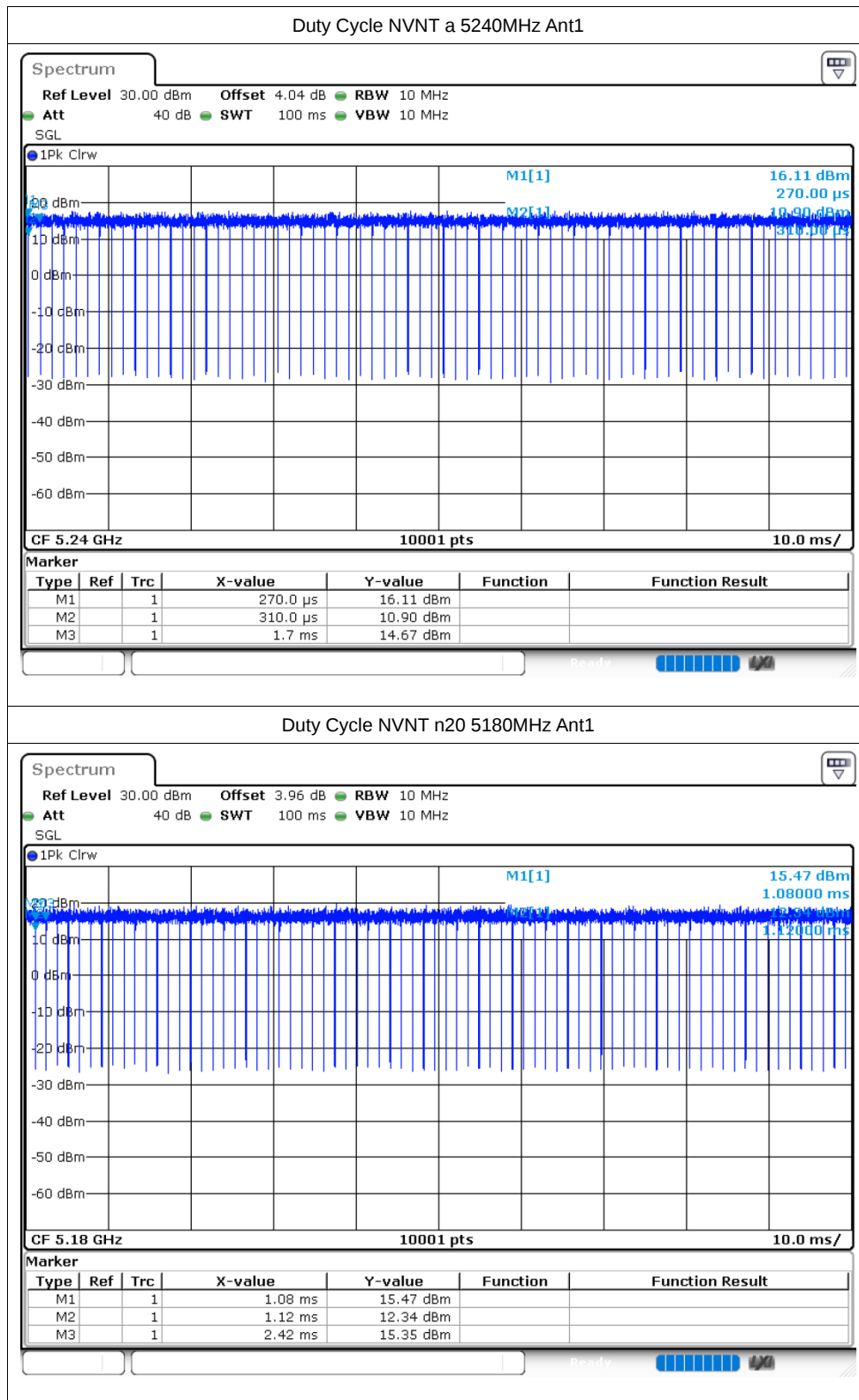


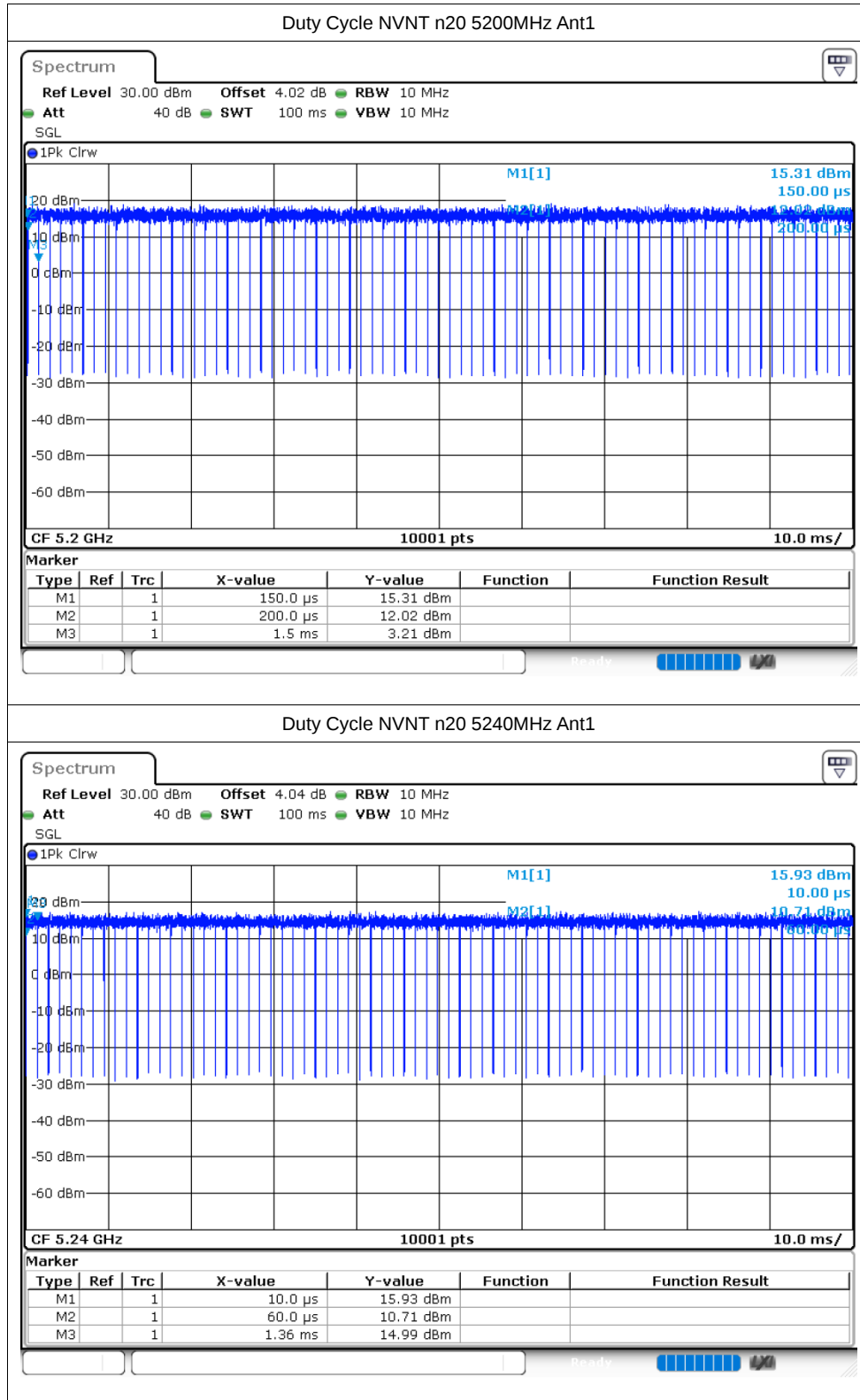
WIFI 5.2G:

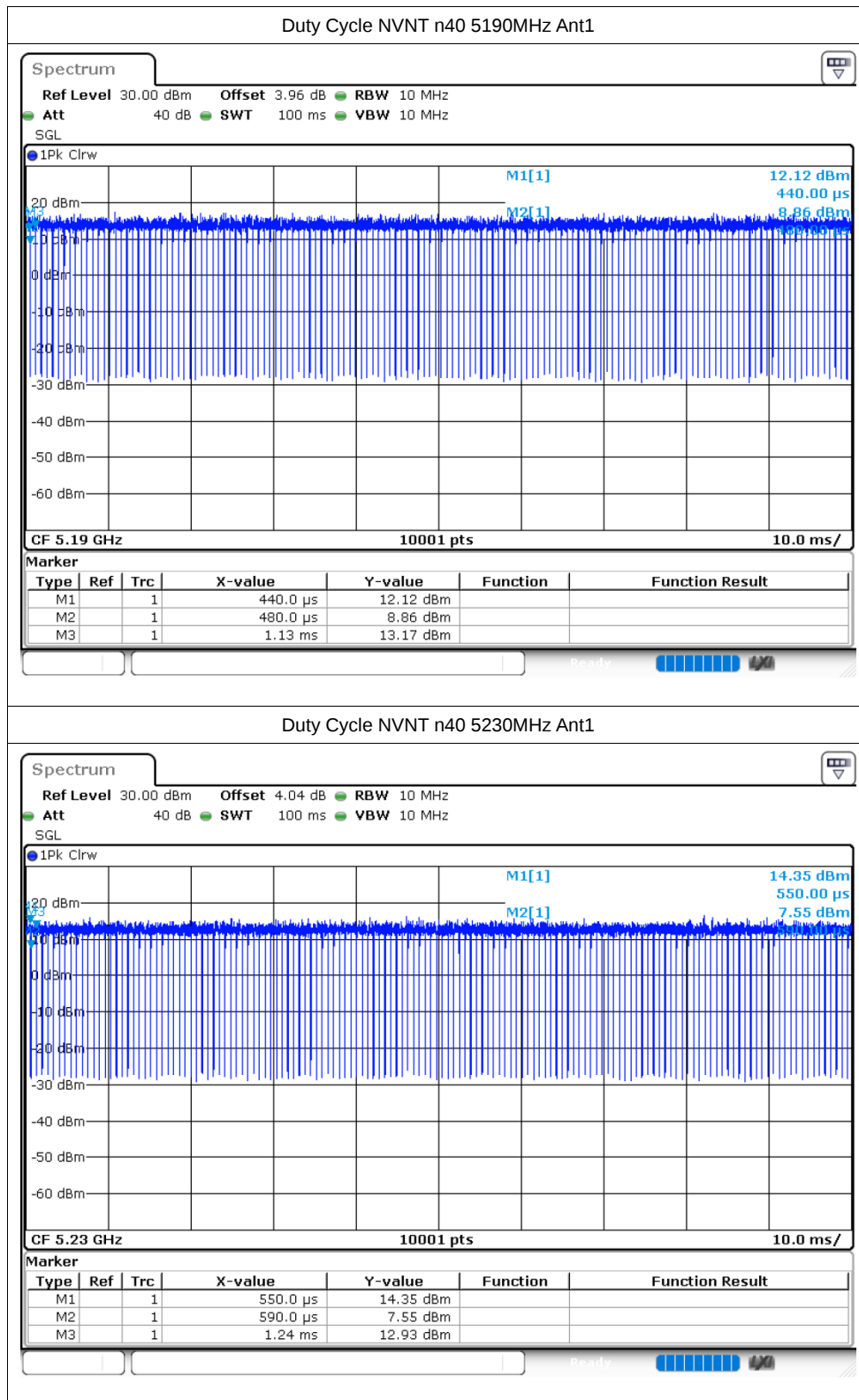
Duty Cycle

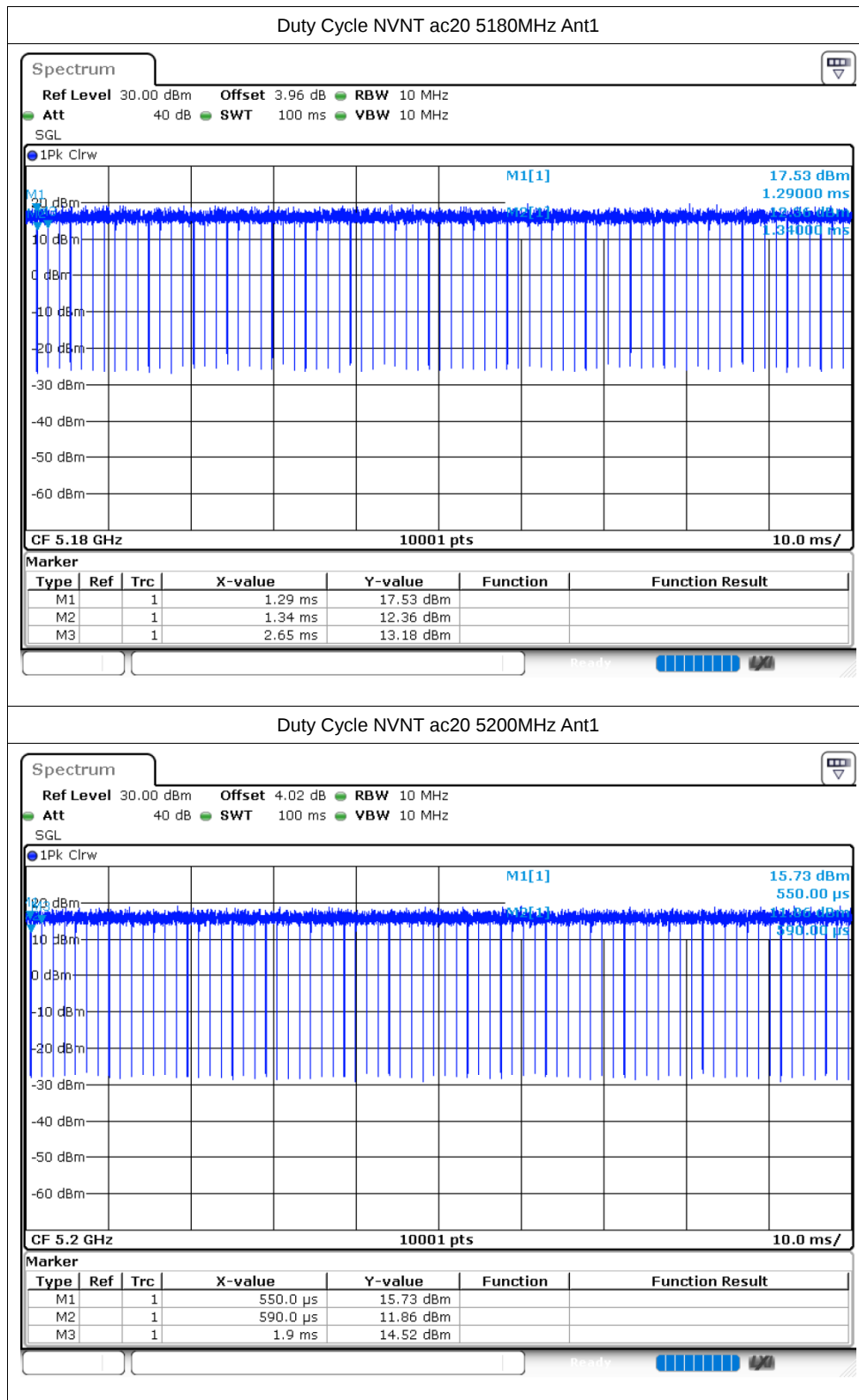
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	97.62	0.1	0.72
NVNT	a	5200	Ant1	97.57	0.11	0.72
NVNT	a	5240	Ant1	97.57	0.11	0.72
NVNT	n20	5180	Ant1	97.44	0.11	0.77
NVNT	n20	5200	Ant1	97.41	0.11	0.77
NVNT	n20	5240	Ant1	97.4	0.11	0.77
NVNT	n40	5190	Ant1	95.1	0.22	1.54
NVNT	n40	5230	Ant1	95.08	0.22	1.54
NVNT	ac20	5180	Ant1	97.5	0.11	0.76
NVNT	ac20	5200	Ant1	97.45	0.11	0.76
NVNT	ac20	5240	Ant1	97.42	0.11	0.76
NVNT	ac40	5190	Ant1	95.11	0.22	1.54
NVNT	ac40	5230	Ant1	95.09	0.22	1.54
NVNT	ac80	5210	Ant1	90.69	0.42	3.13

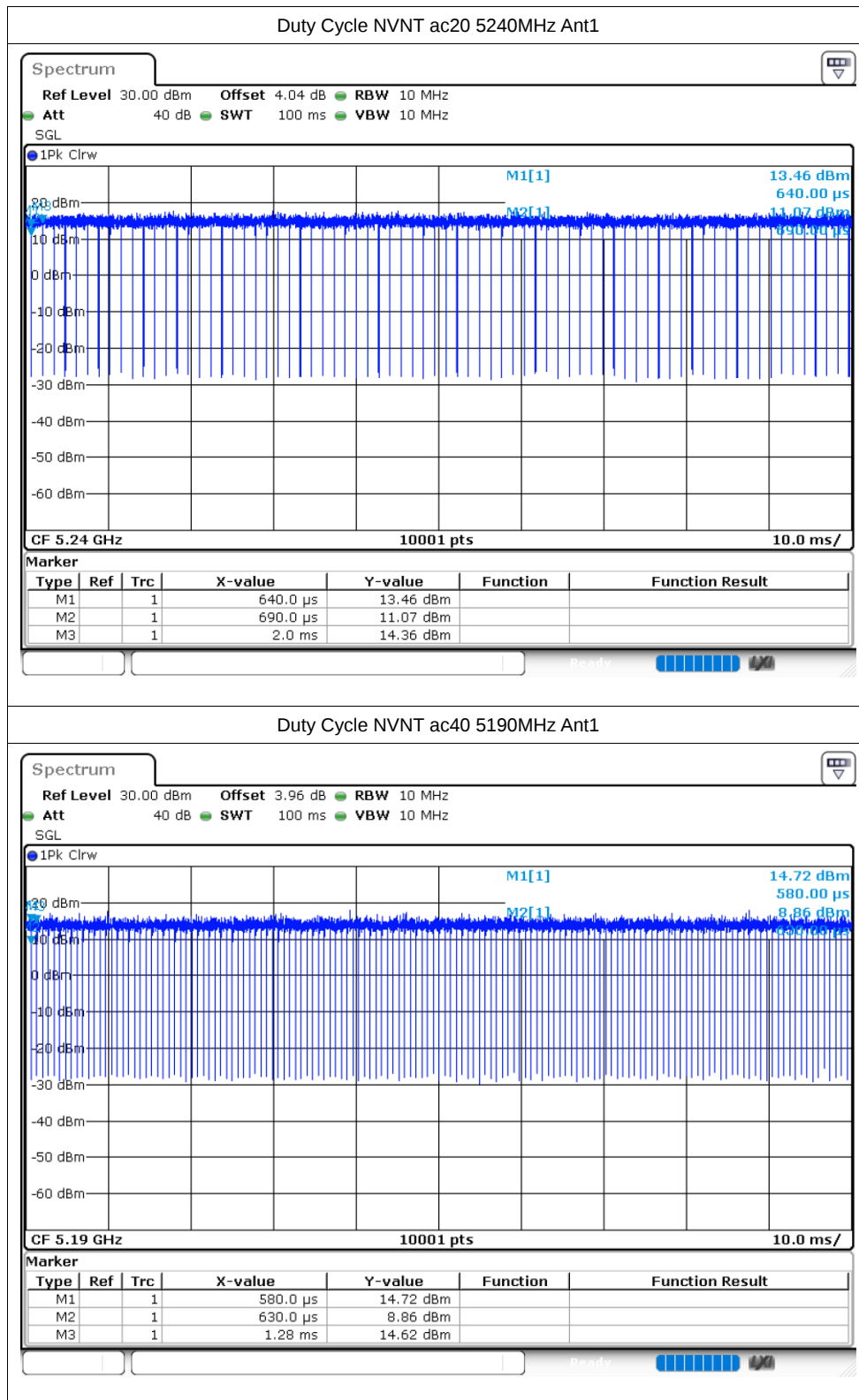


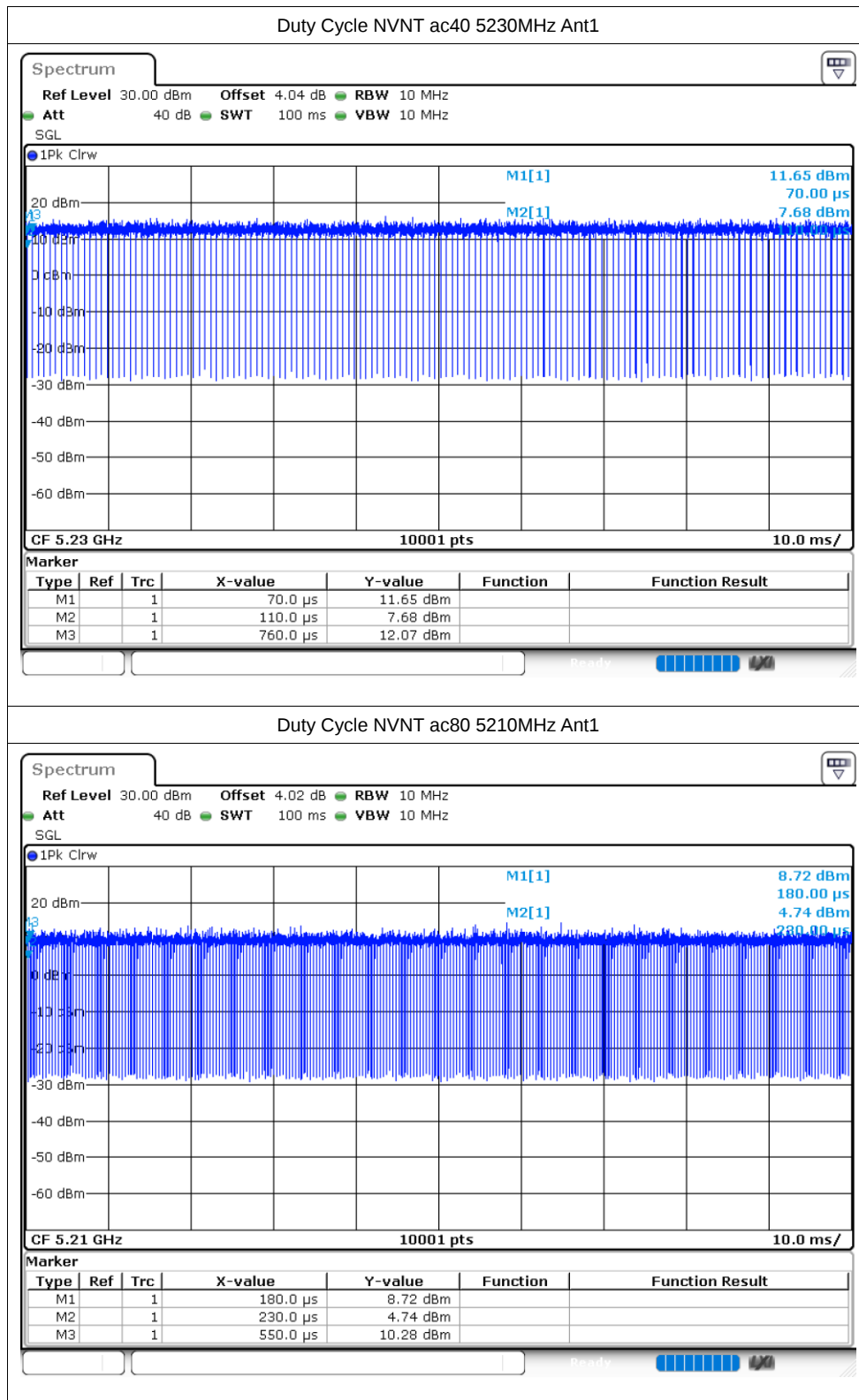












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.54	24	Pass
NVNT	a	5200	Ant1	11.22	24	Pass
NVNT	a	5240	Ant1	11.69	24	Pass
NVNT	n20	5180	Ant1	11.34	24	Pass
NVNT	n20	5200	Ant1	11.46	24	Pass
NVNT	n20	5240	Ant1	11.44	24	Pass
NVNT	n40	5190	Ant1	11.08	24	Pass
NVNT	n40	5230	Ant1	11.25	24	Pass
NVNT	ac20	5180	Ant1	11.38	24	Pass
NVNT	ac20	5200	Ant1	11.48	24	Pass
NVNT	ac20	5240	Ant1	11.52	24	Pass
NVNT	ac40	5190	Ant1	11.2	24	Pass
NVNT	ac40	5230	Ant1	11.17	24	Pass
NVNT	ac80	5210	Ant1	11.2	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.587	0.5	Pass
NVNT	a	5200	Ant1	19.68	0.5	Pass
NVNT	a	5240	Ant1	19.878	0.5	Pass
NVNT	n20	5180	Ant1	20.031	0.5	Pass
NVNT	n20	5200	Ant1	20.094	0.5	Pass
NVNT	n20	5240	Ant1	20.304	0.5	Pass
NVNT	n40	5190	Ant1	40.8	0.5	Pass
NVNT	n40	5230	Ant1	45.306	0.5	Pass
NVNT	ac20	5180	Ant1	20.241	0.5	Pass
NVNT	ac20	5200	Ant1	20.445	0.5	Pass
NVNT	ac20	5240	Ant1	20.271	0.5	Pass
NVNT	ac40	5190	Ant1	40.986	0.5	Pass
NVNT	ac40	5230	Ant1	40.932	0.5	Pass
NVNT	ac80	5210	Ant1	81.312	0.5	Pass

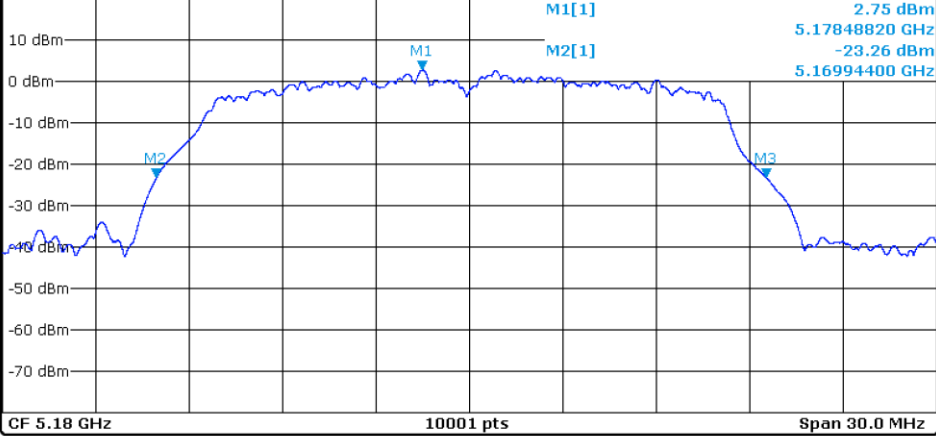
Test Graphs

-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

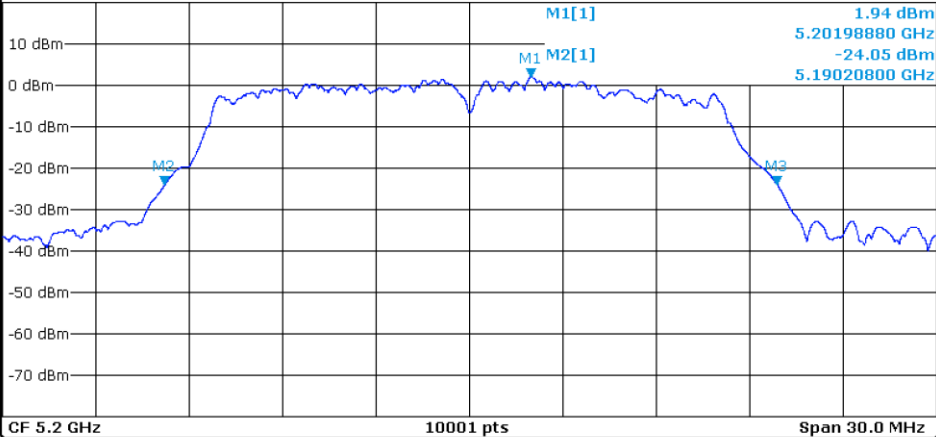
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.1784882 GHz	2.75 dBm		
M2	1		5.169944 GHz	-23.26 dBm		
M3	1		5.189531 GHz	-23.24 dBm		

-26dB Bandwidth NVNT a 5200MHz Ant1

Spectrum

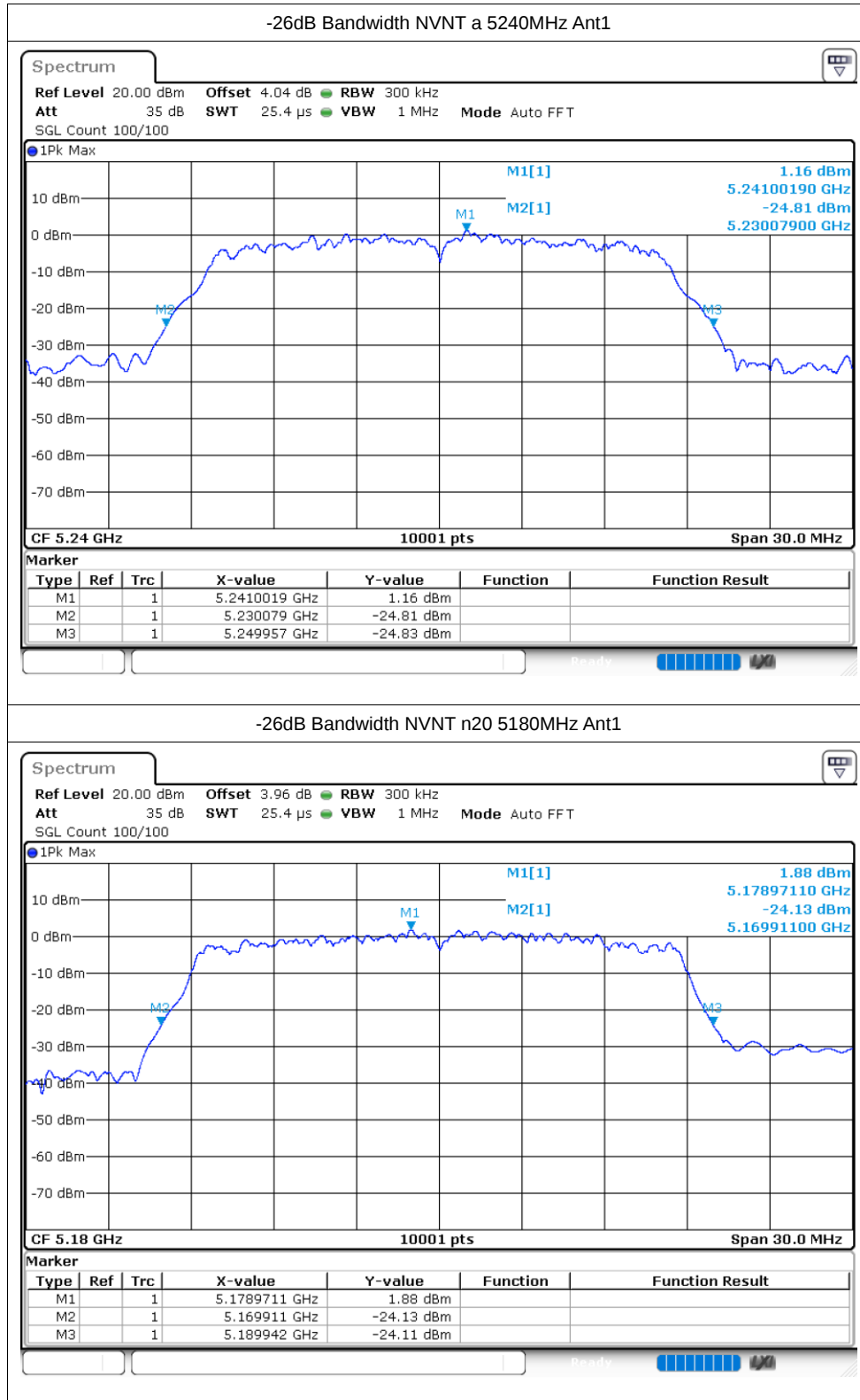
Ref Level 20.00 dBm Offset 4.02 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

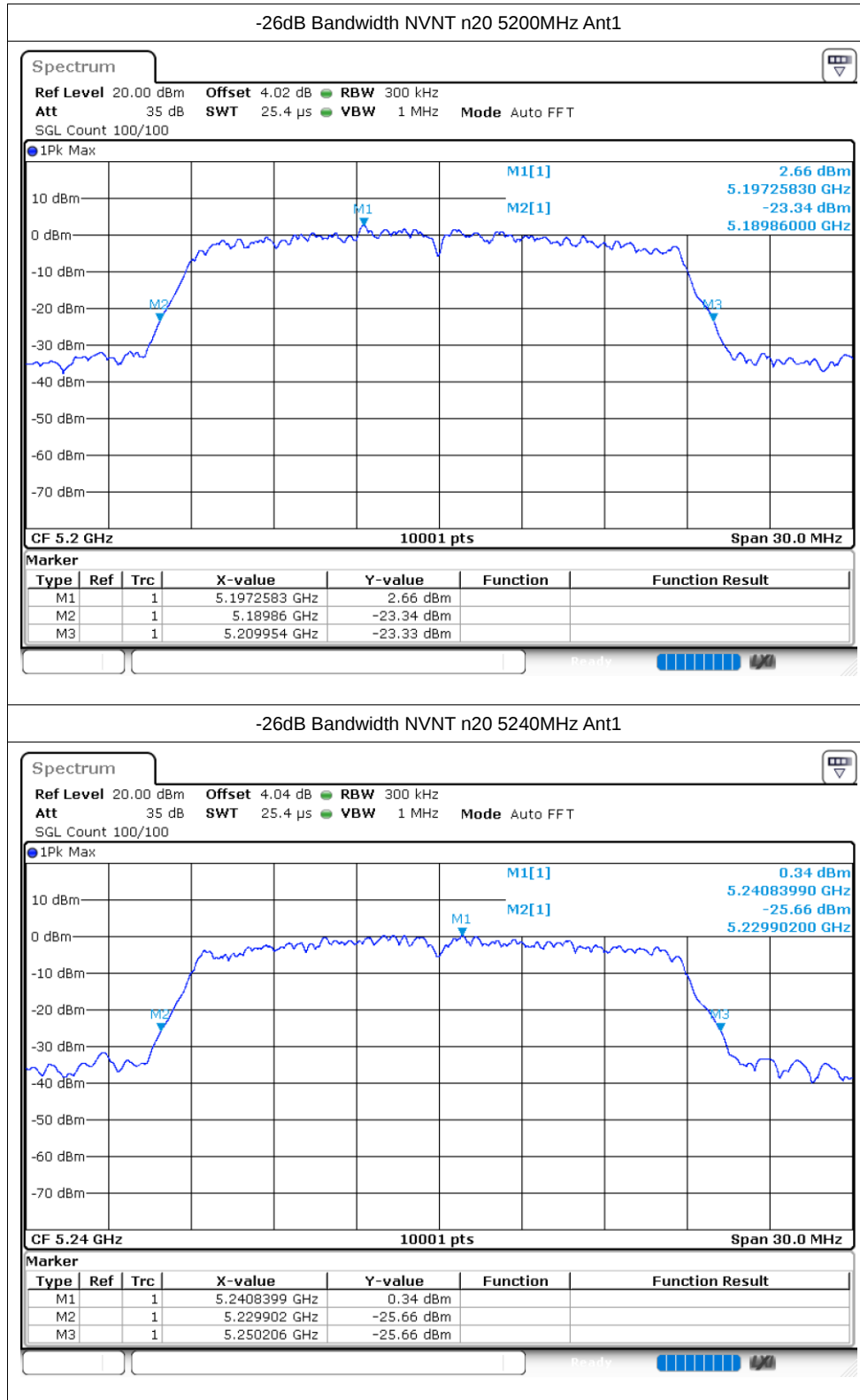
1Pk Max

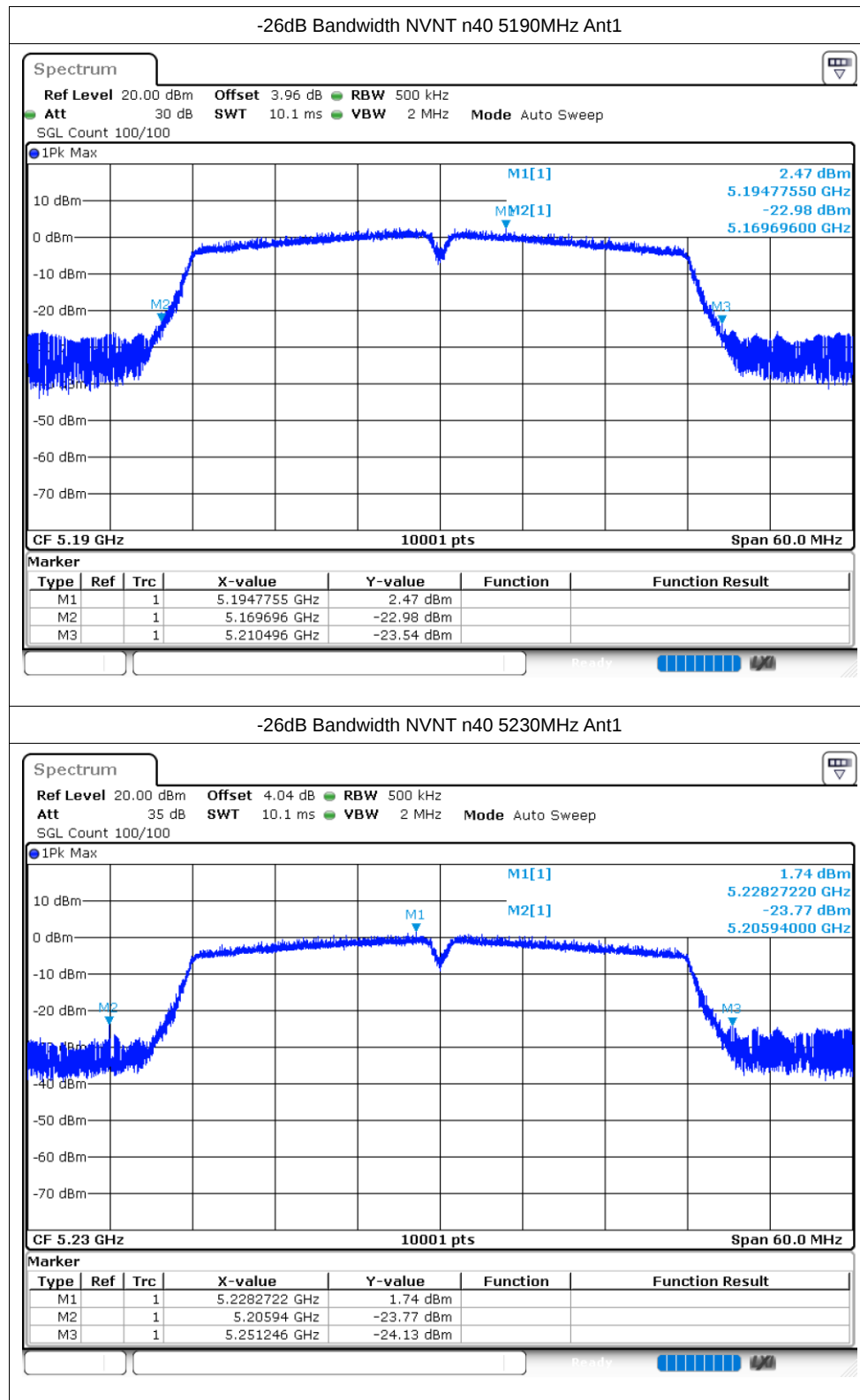


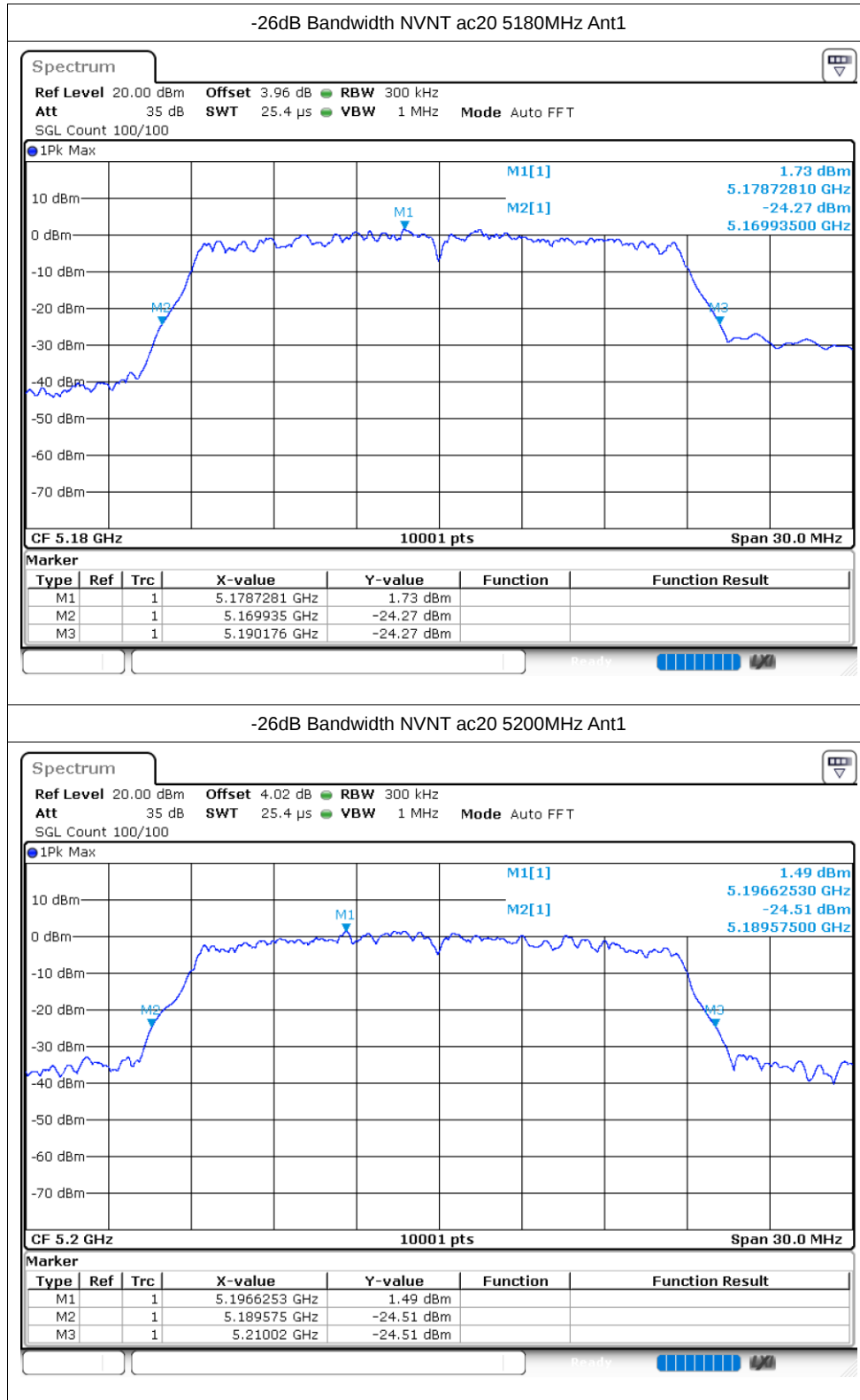
Marker

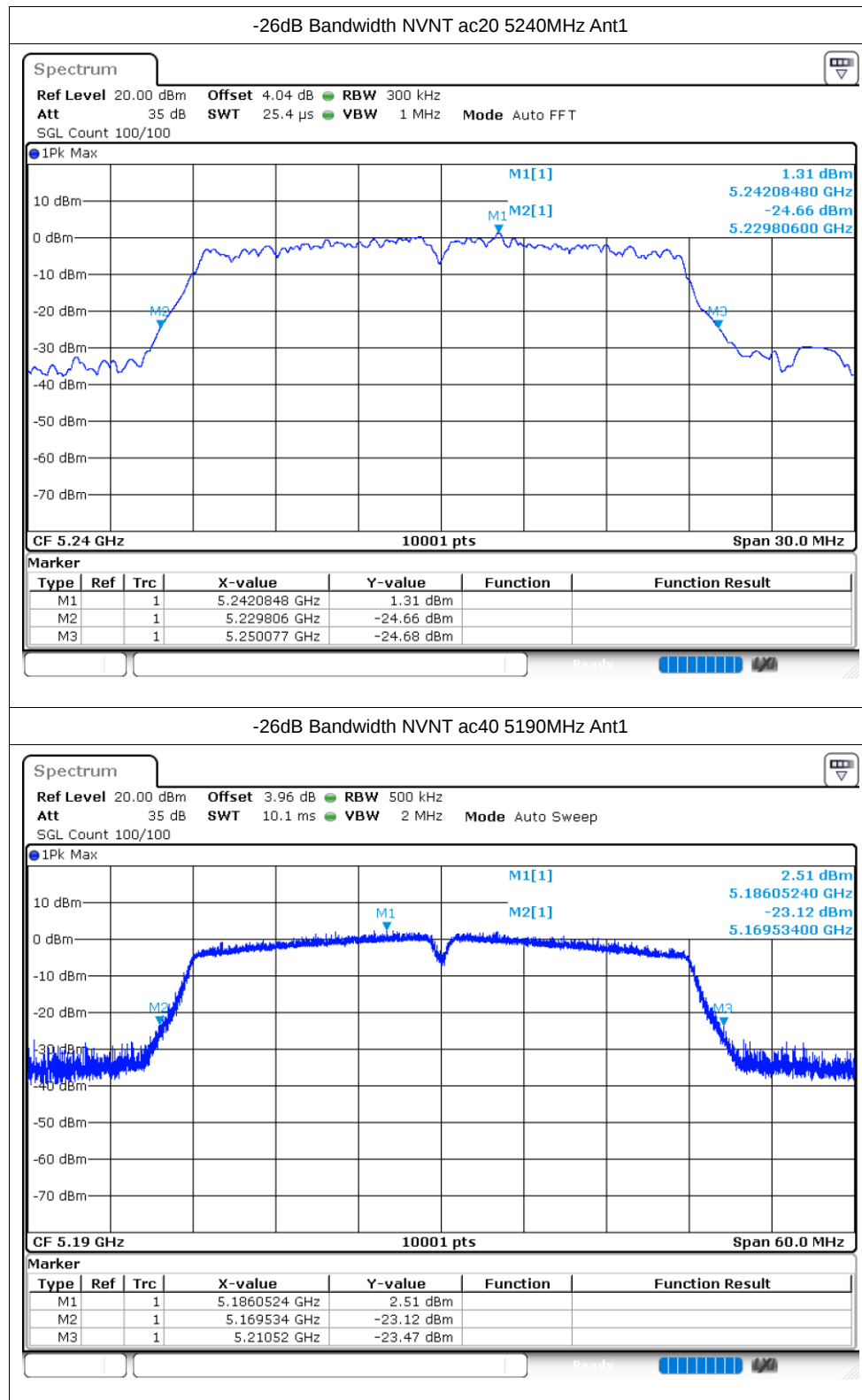
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.2019888 GHz	1.94 dBm		
M2	1		5.190208 GHz	-24.05 dBm		
M3	1		5.209888 GHz	-24.07 dBm		

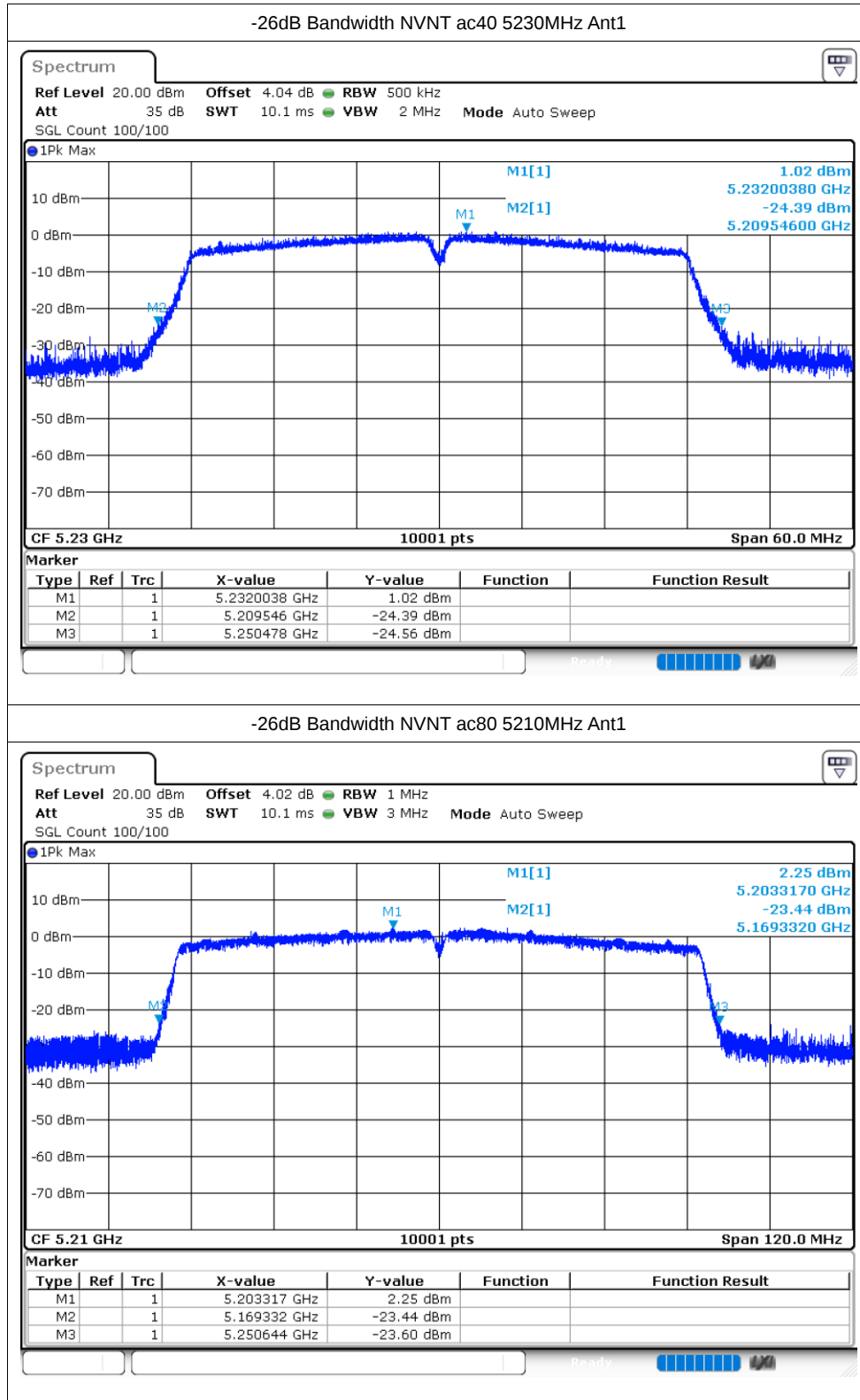










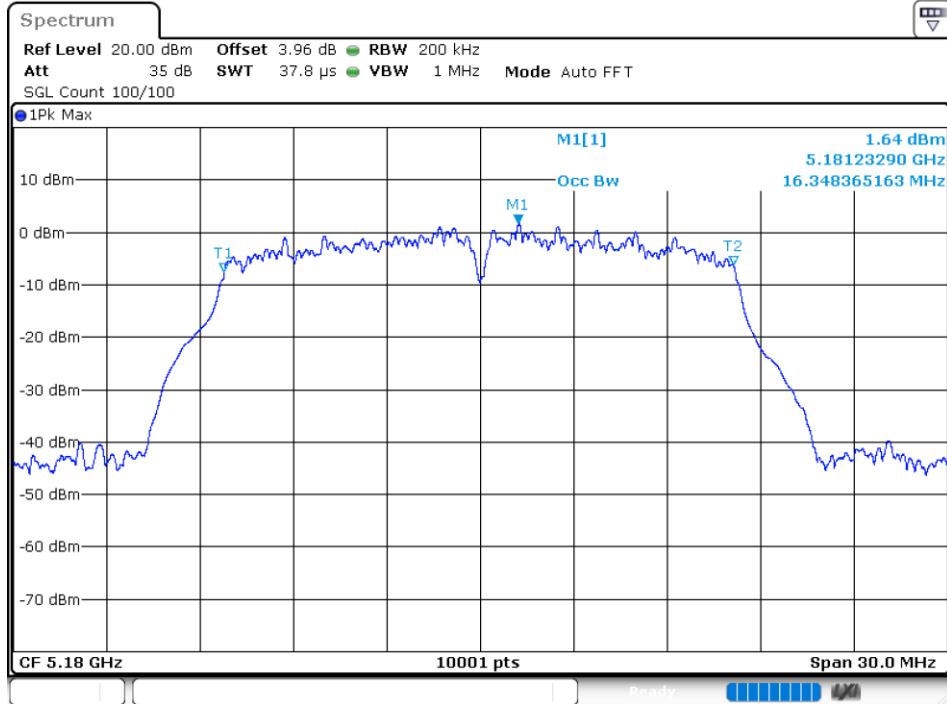


Occupied Channel Bandwidth

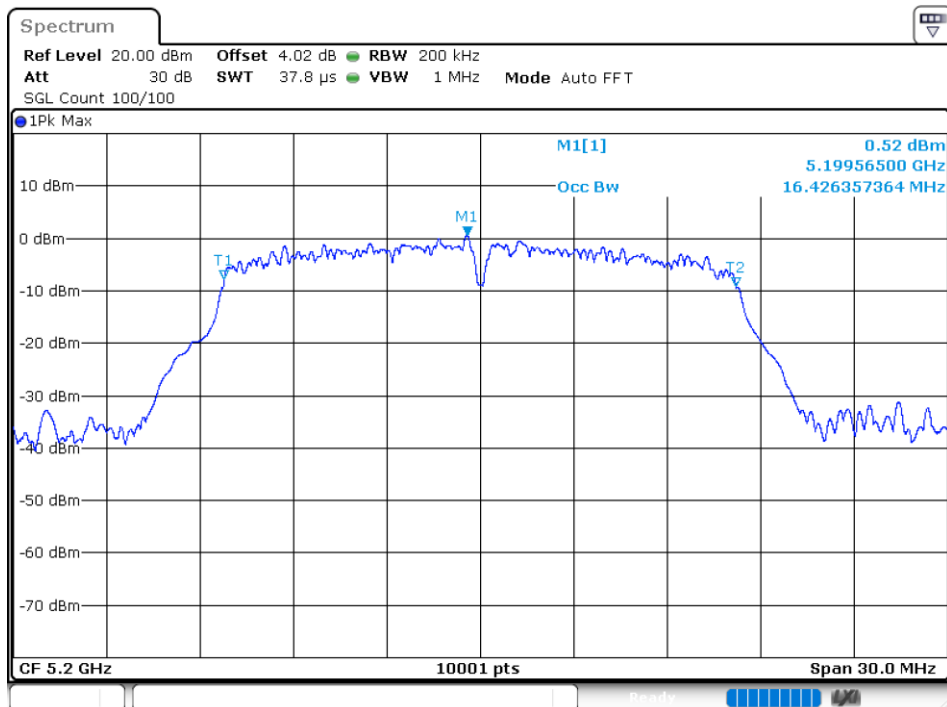
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.348
NVNT	a	5200	Ant1	16.426
NVNT	a	5240	Ant1	16.339
NVNT	n20	5180	Ant1	17.488
NVNT	n20	5200	Ant1	17.557
NVNT	n20	5240	Ant1	17.644
NVNT	n40	5190	Ant1	35.966
NVNT	n40	5230	Ant1	36.092
NVNT	ac20	5180	Ant1	17.587
NVNT	ac20	5200	Ant1	17.524
NVNT	ac20	5240	Ant1	17.539
NVNT	ac40	5190	Ant1	35.942
NVNT	ac40	5230	Ant1	36.044
NVNT	ac80	5210	Ant1	75.208

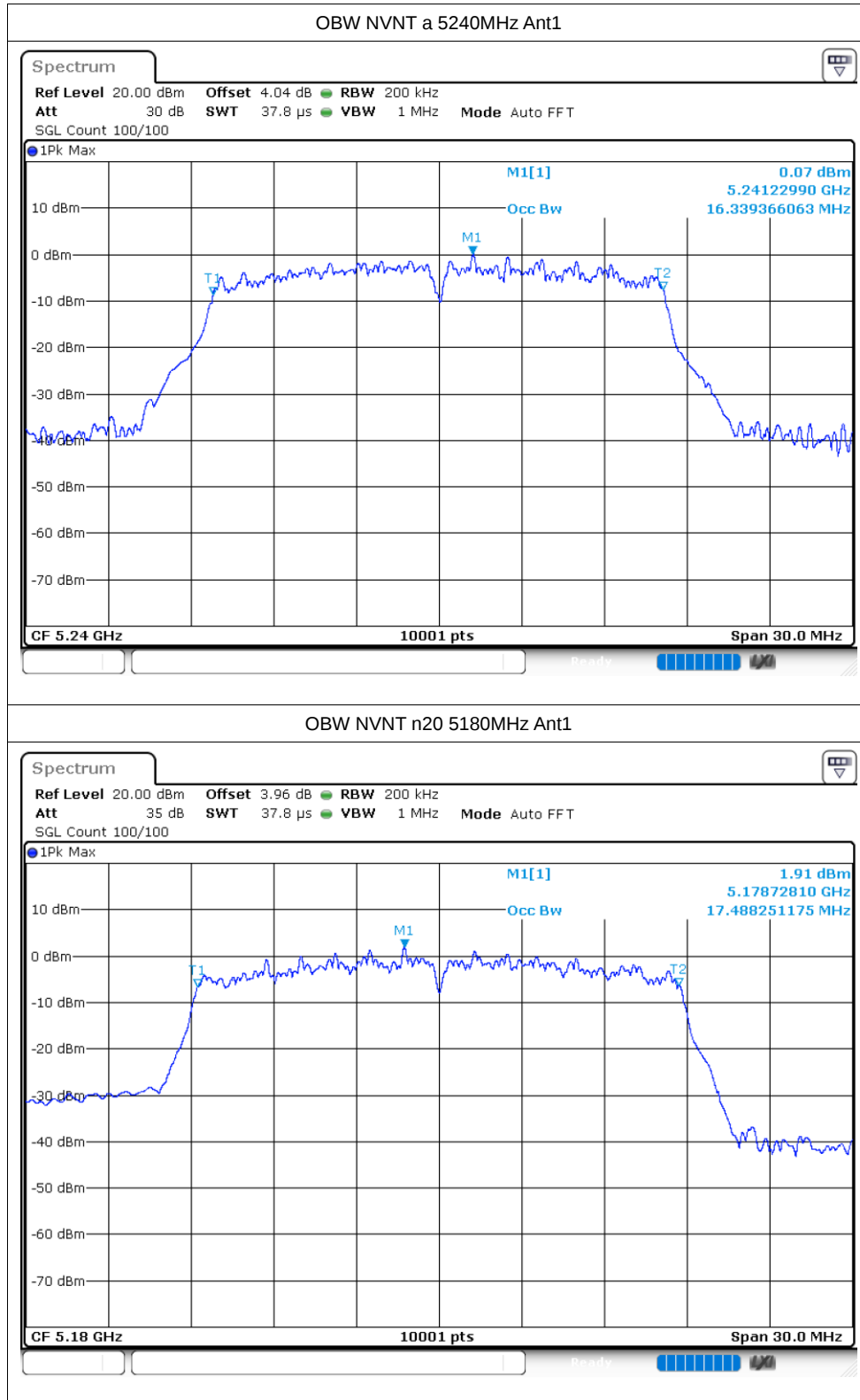
Test Graphs

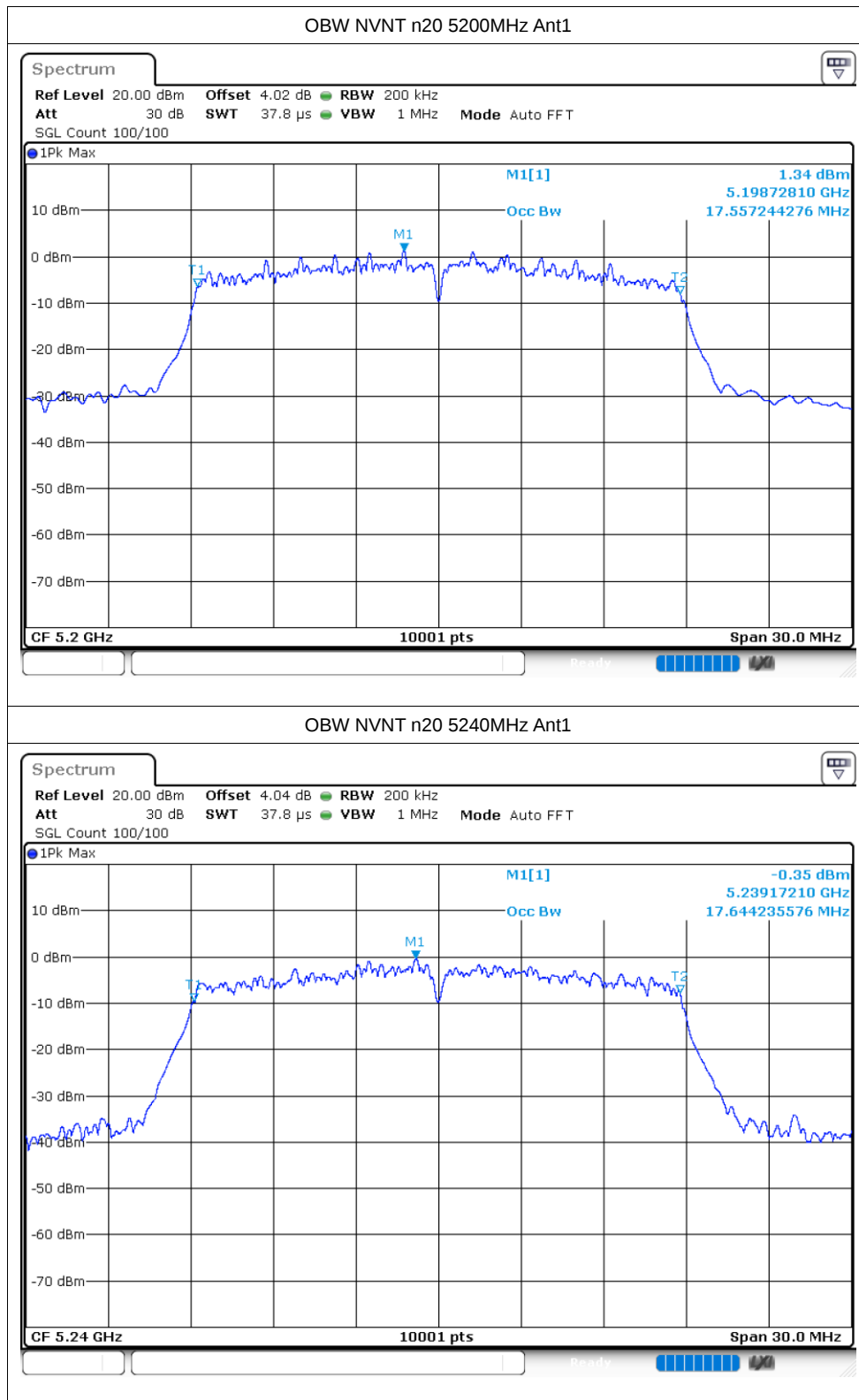
OBW NVNT a 5180MHz Ant1

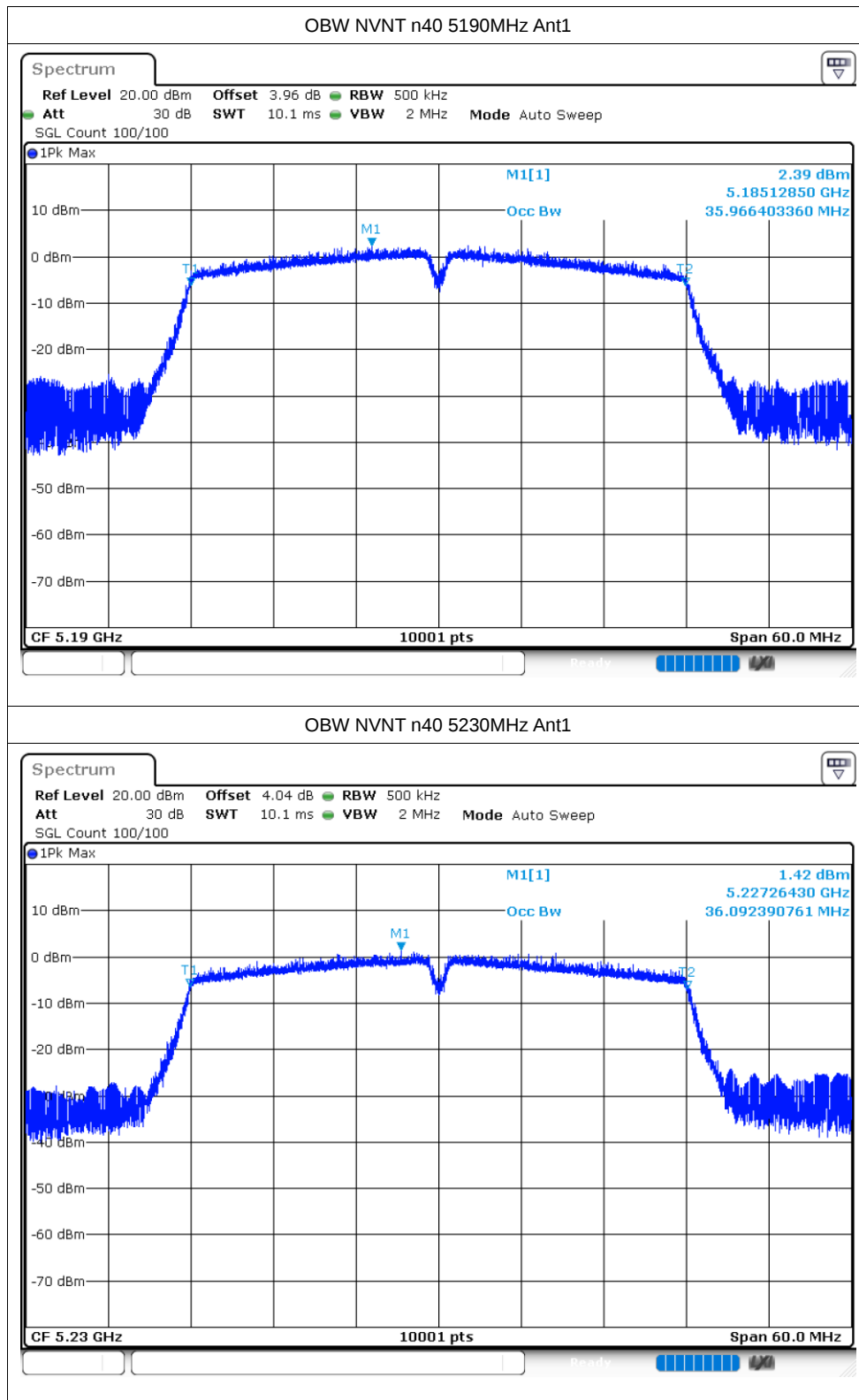


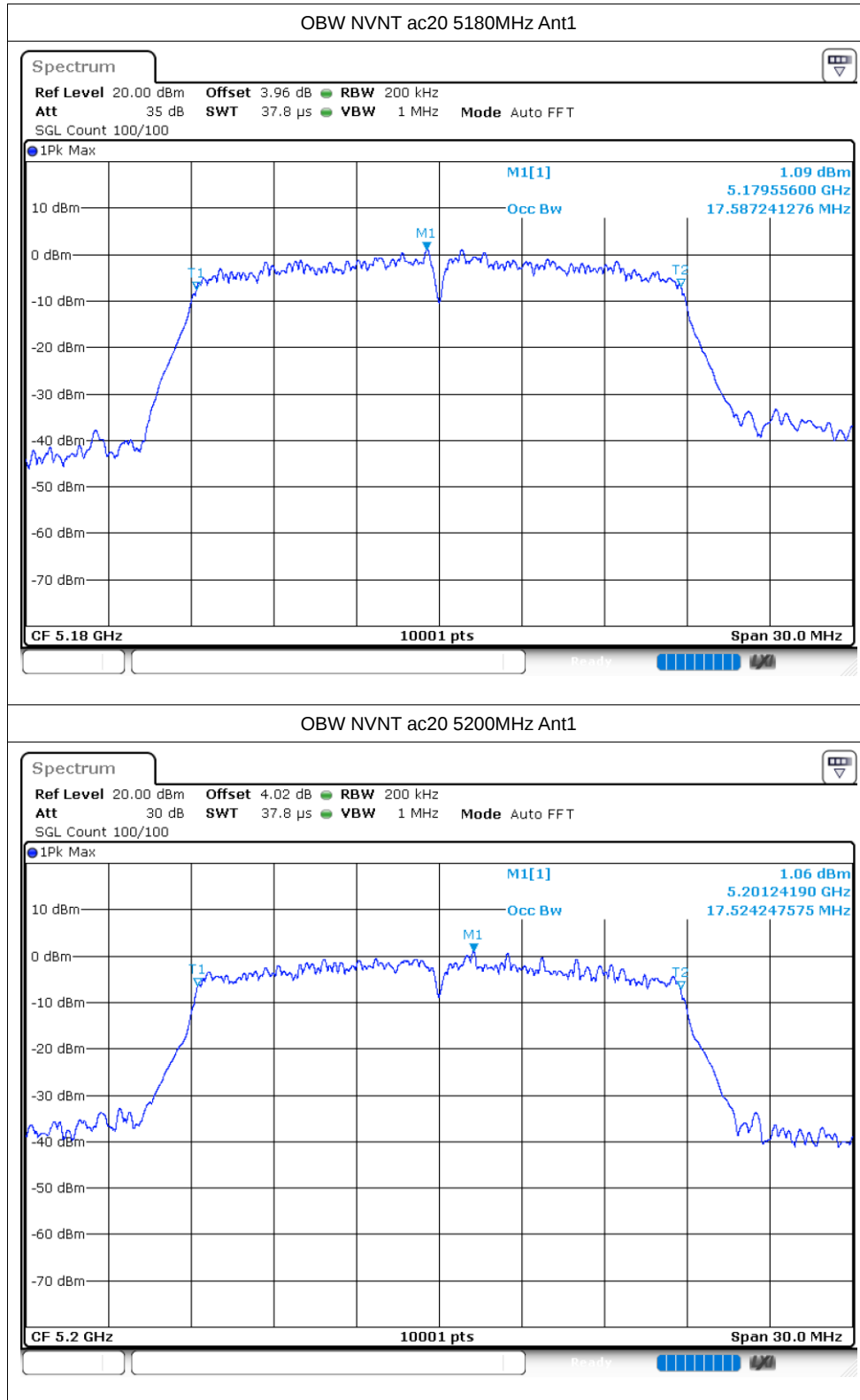
OBW NVNT a 5200MHz Ant1

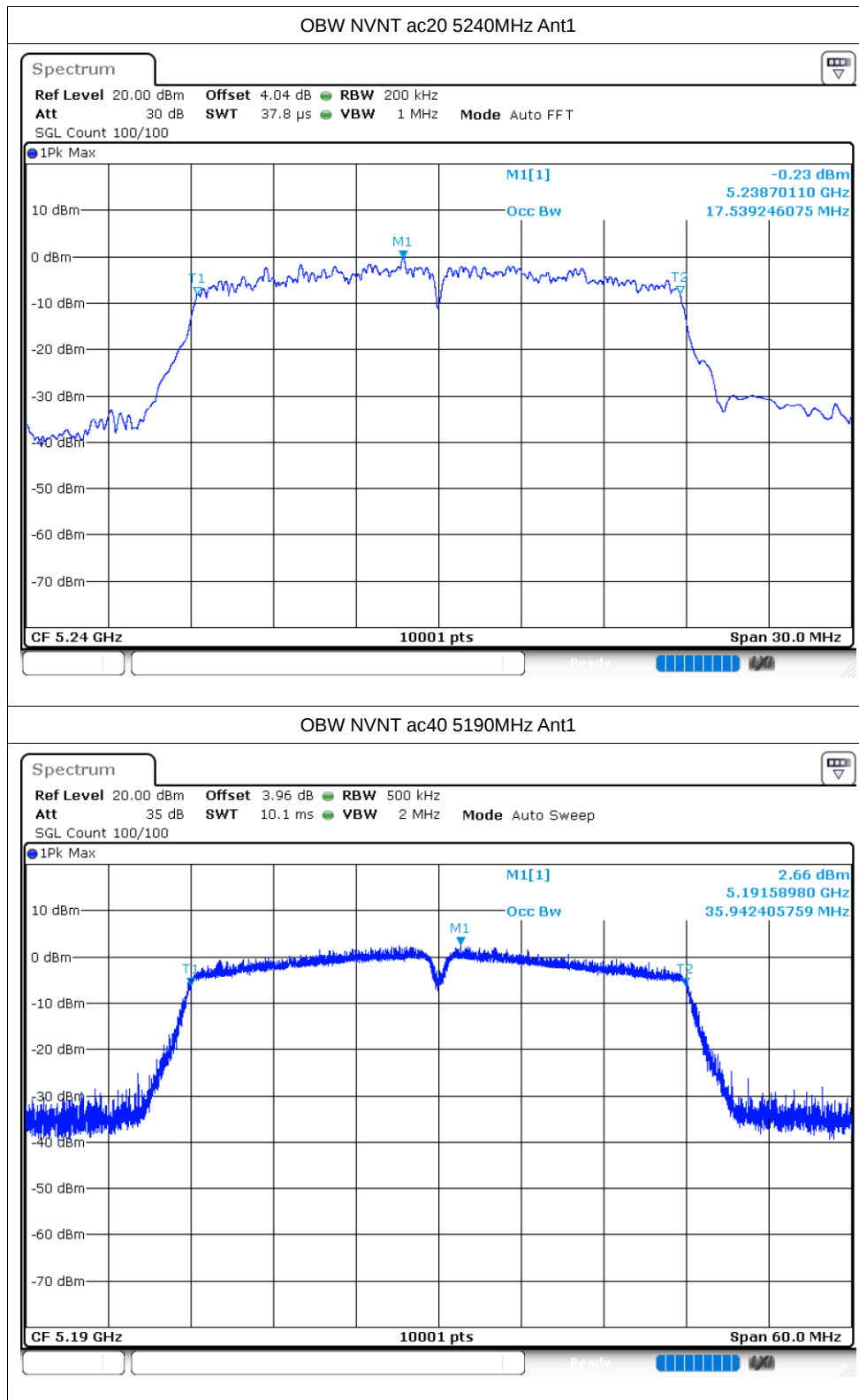


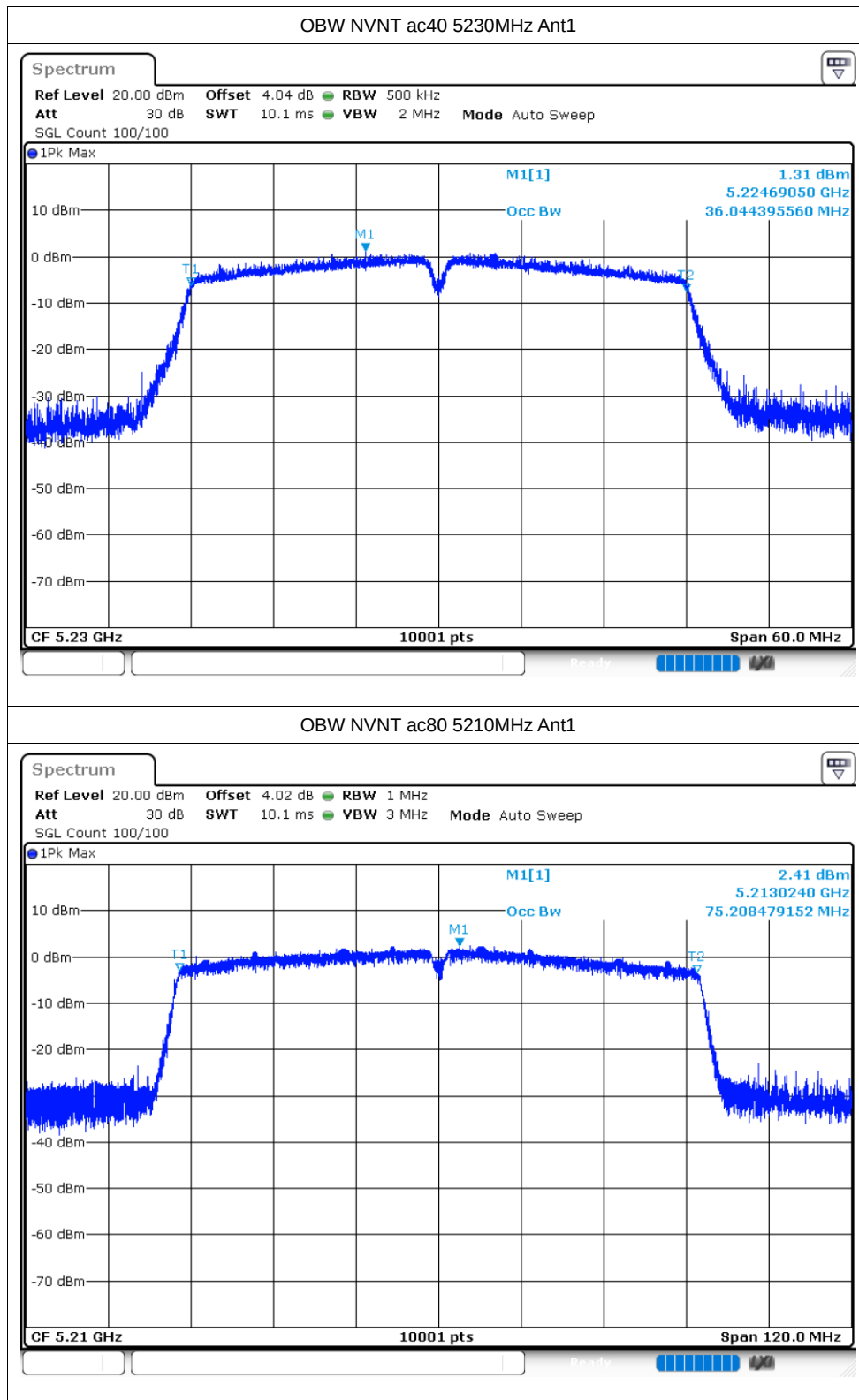










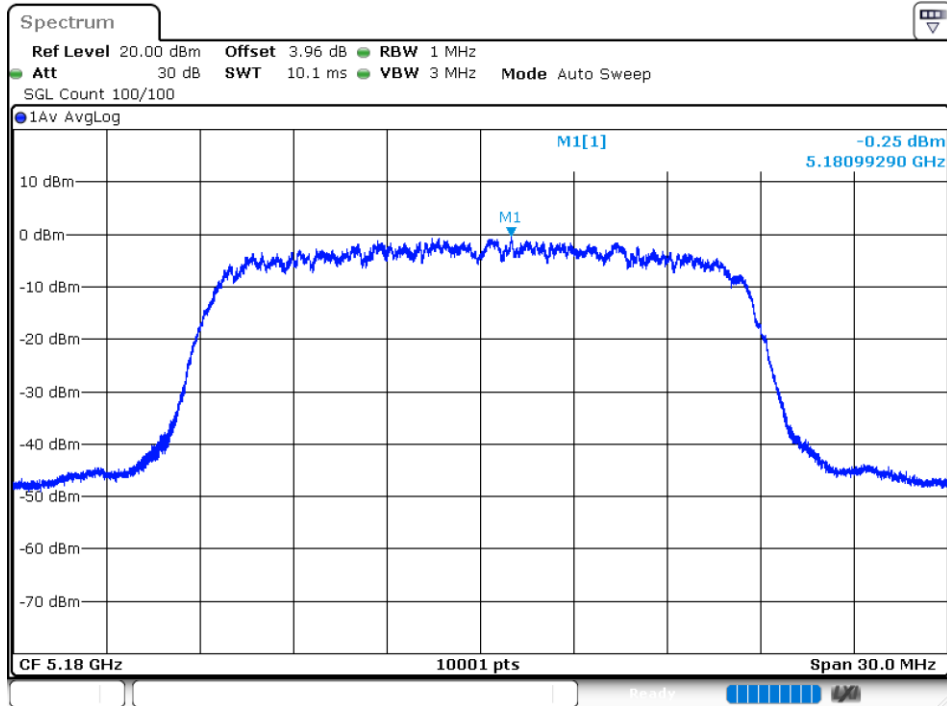


Maximum Power Spectral Density Level

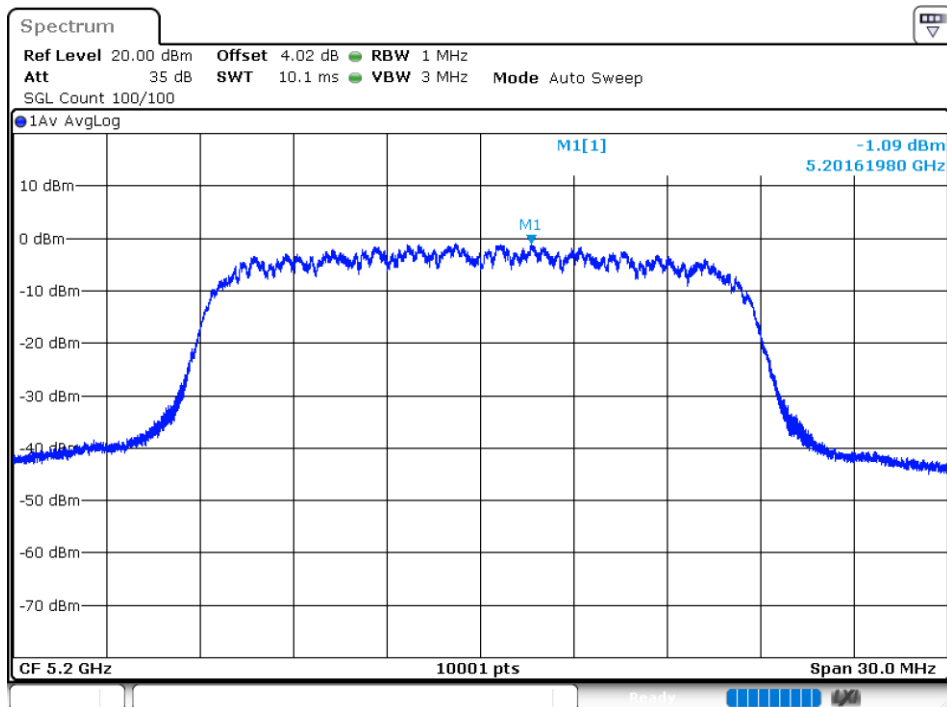
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-0.25	0.1	-0.15	11	Pass
NVNT	a	5200	Ant1	-1.09	0.11	-0.98	11	Pass
NVNT	a	5240	Ant1	-1.86	0.11	-1.75	11	Pass
NVNT	n20	5180	Ant1	-0.53	0.11	-0.42	11	Pass
NVNT	n20	5200	Ant1	-0.87	0.11	-0.76	11	Pass
NVNT	n20	5240	Ant1	-2.35	0.11	-2.24	11	Pass
NVNT	n40	5190	Ant1	-4.18	0.22	-3.96	11	Pass
NVNT	n40	5230	Ant1	-5.38	0.22	-5.16	11	Pass
NVNT	ac20	5180	Ant1	-0.38	0.11	-0.27	11	Pass
NVNT	ac20	5200	Ant1	-0.9	0.11	-0.79	11	Pass
NVNT	ac20	5240	Ant1	-1.85	0.11	-1.74	11	Pass
NVNT	ac40	5190	Ant1	-5.08	0.22	-4.86	11	Pass
NVNT	ac40	5230	Ant1	-5.7	0.22	-5.48	11	Pass
NVNT	ac80	5210	Ant1	-9.67	0.42	-9.25	11	Pass

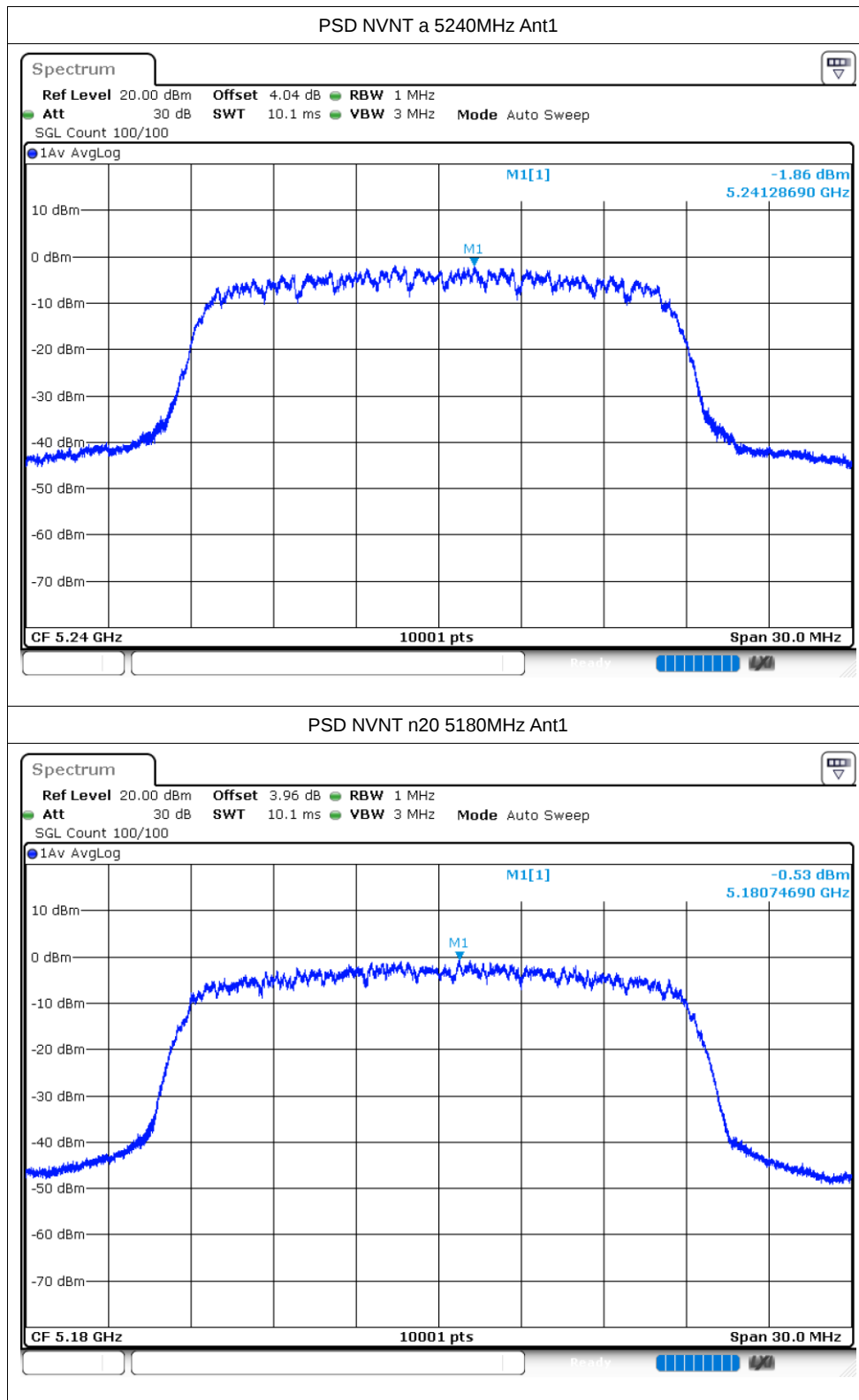
Test Graphs

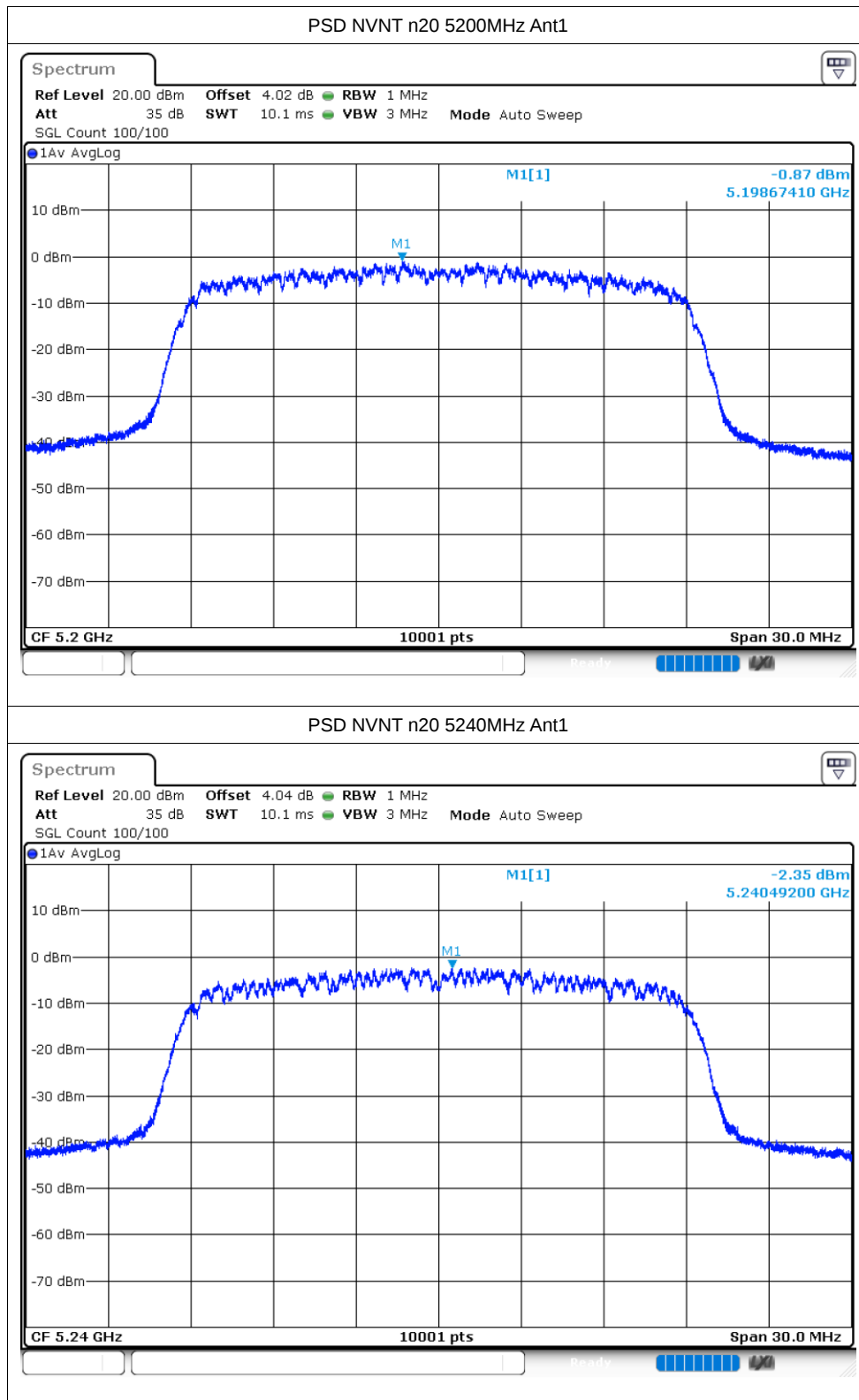
PSD NVNT a 5180MHz Ant1

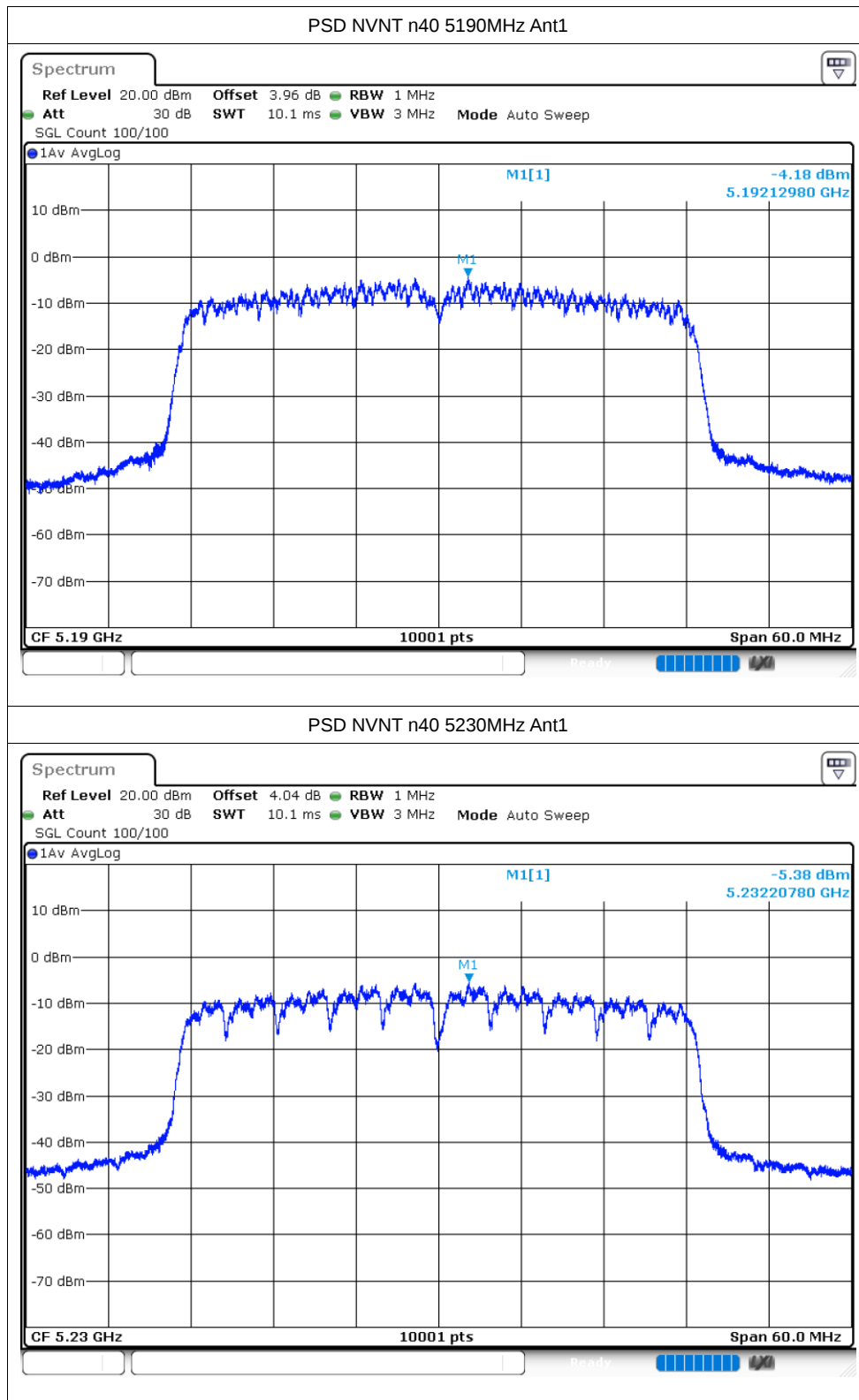


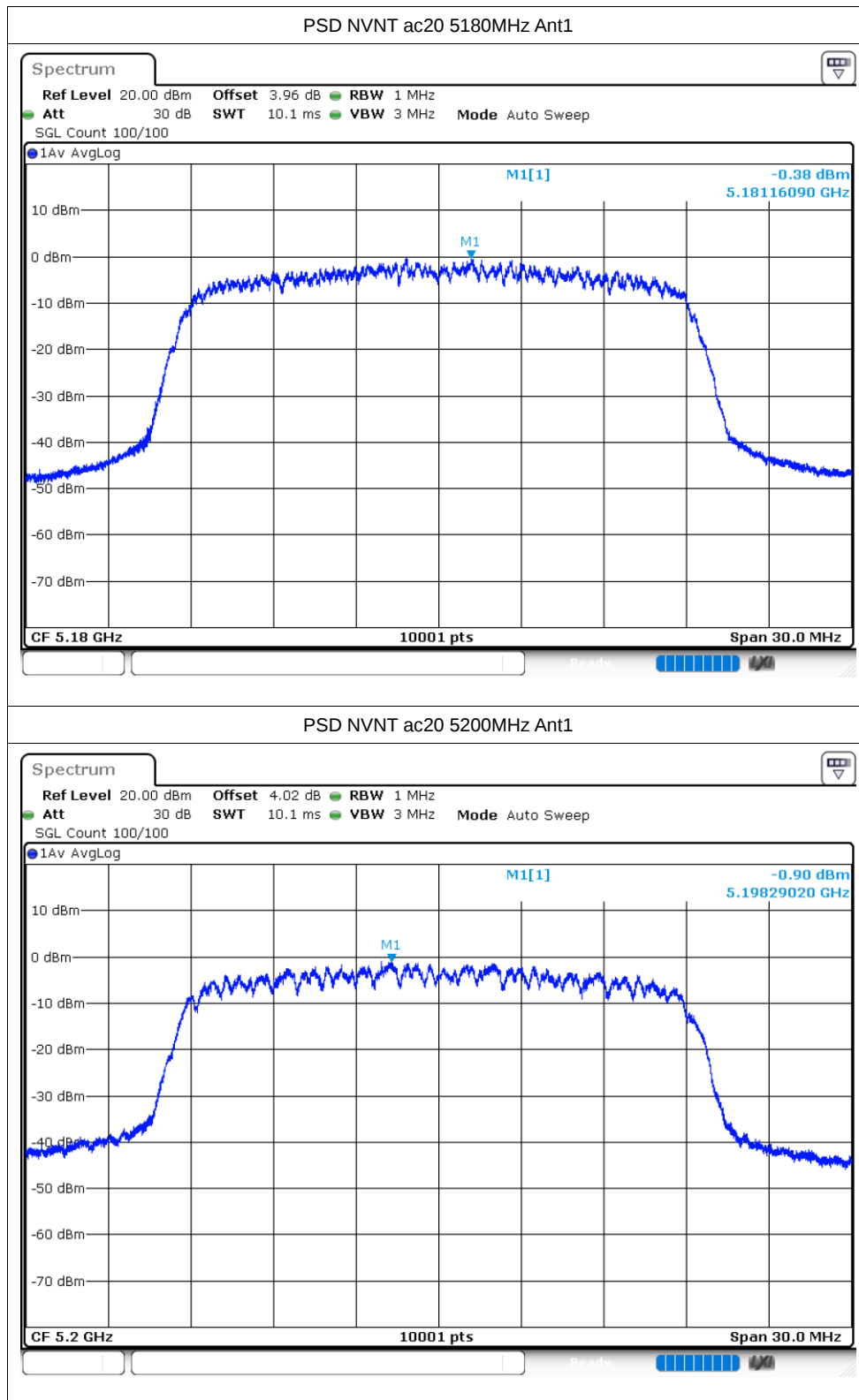
PSD NVNT a 5200MHz Ant1

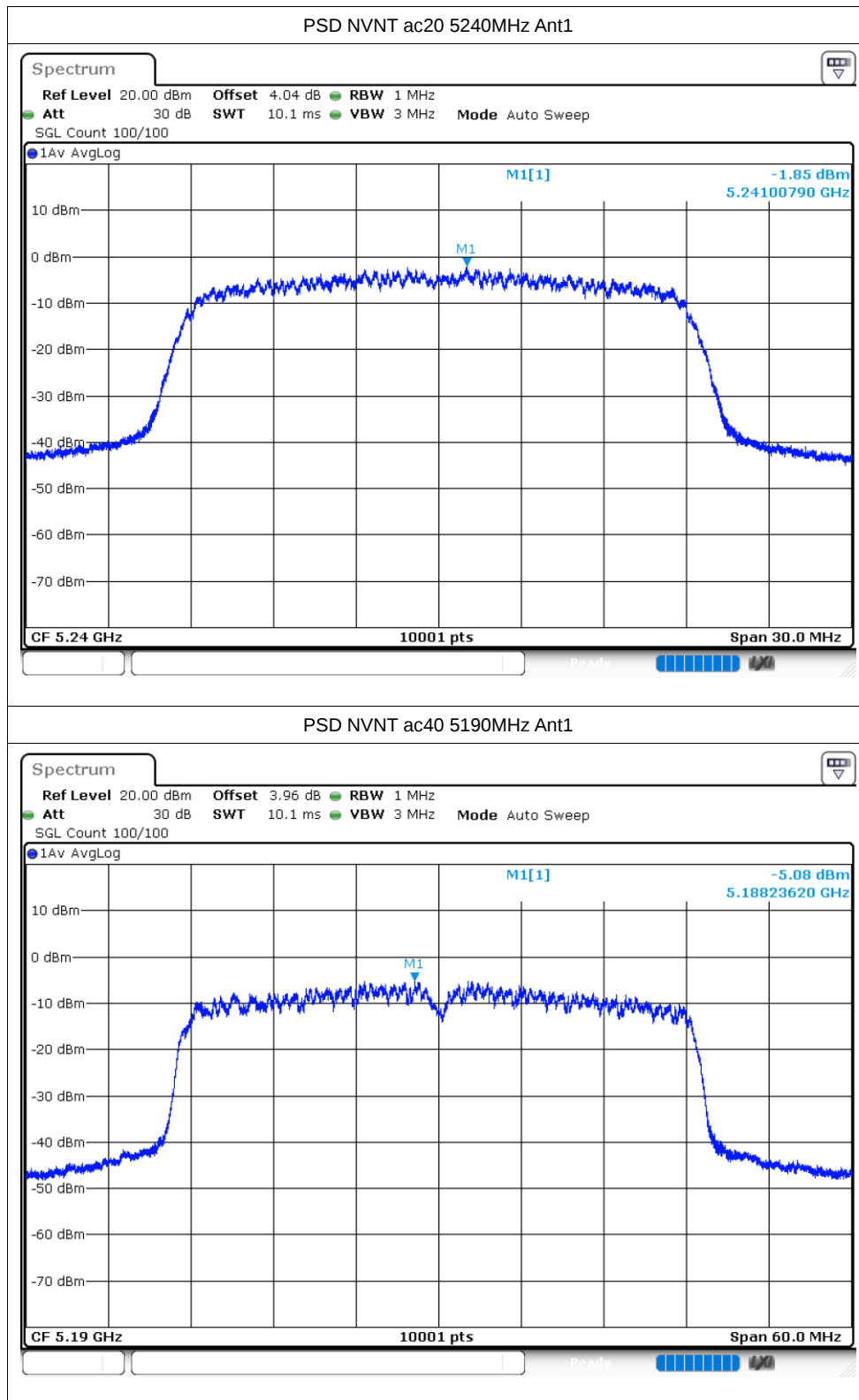


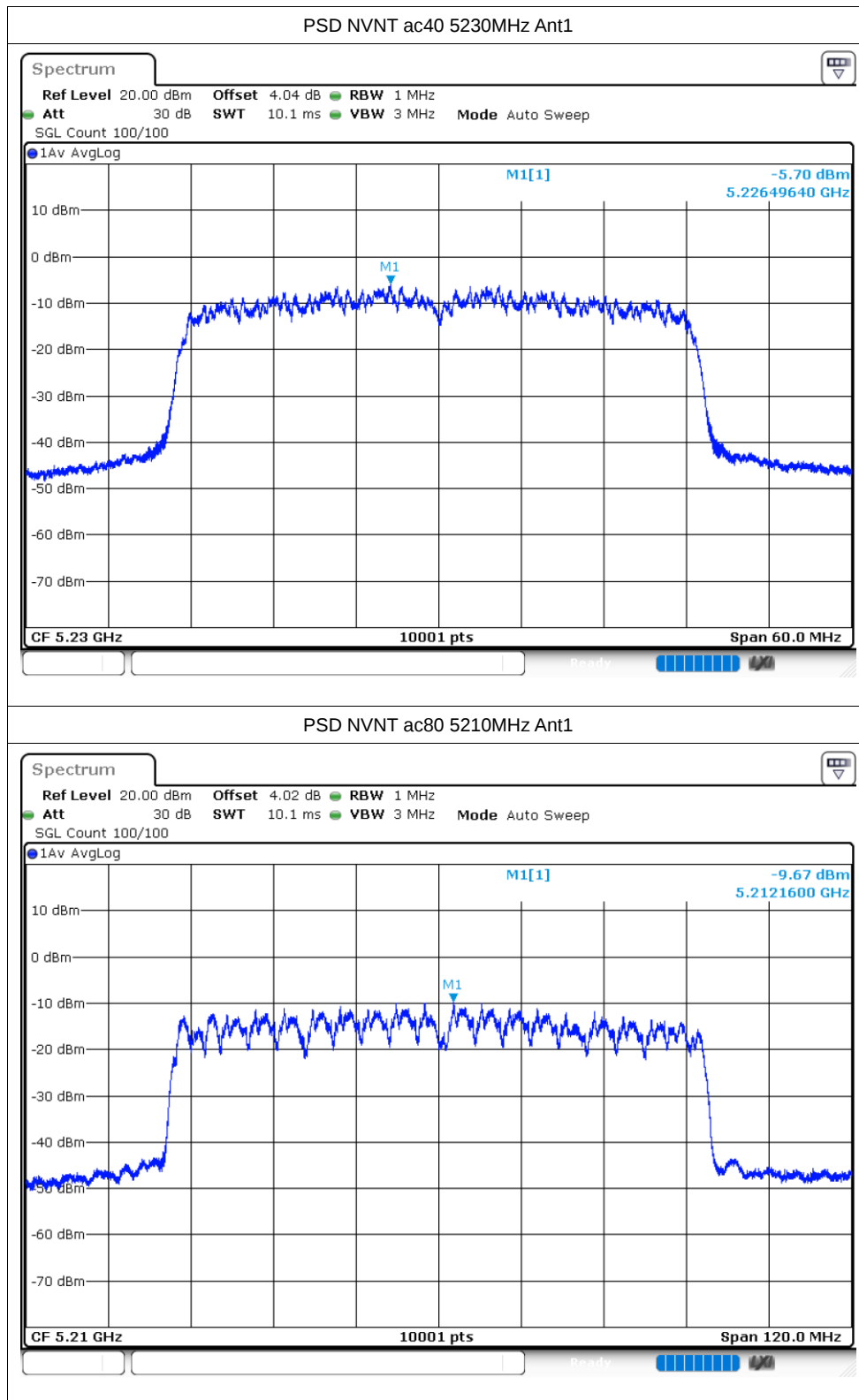










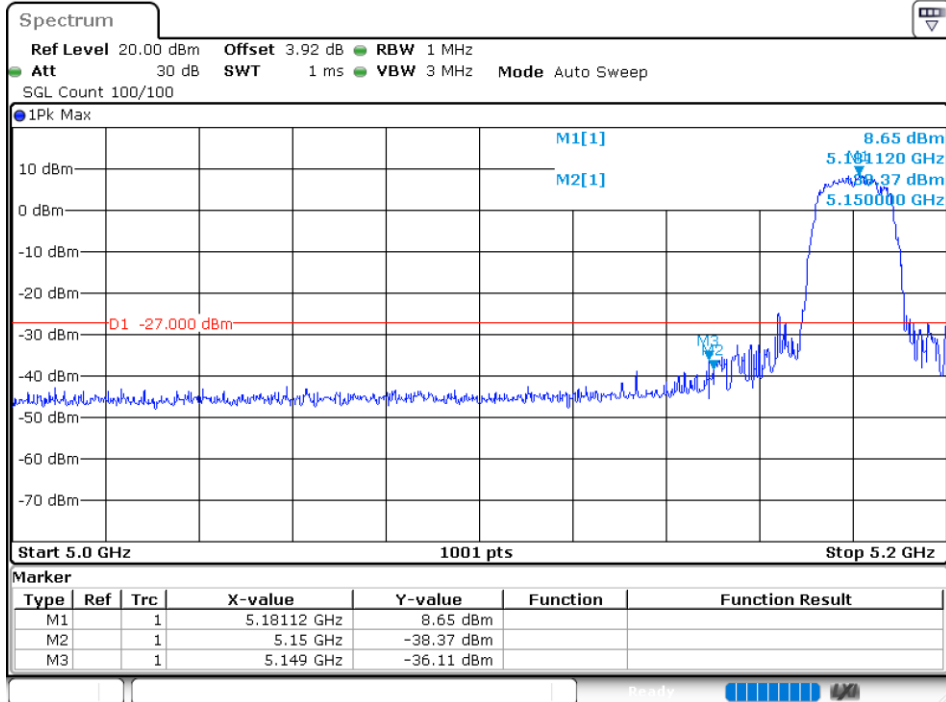


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-36.1	-27	Pass
NVNT	a	5240	Ant1	-43.16	-27	Pass
NVNT	n20	5180	Ant1	-32.94	-27	Pass
NVNT	n20	5240	Ant1	-42.72	-27	Pass
NVNT	n40	5190	Ant1	-27.67	-27	Pass
NVNT	n40	5230	Ant1	-42.92	-27	Pass
NVNT	ac20	5180	Ant1	-34.93	-27	Pass
NVNT	ac20	5240	Ant1	-42.87	-27	Pass
NVNT	ac40	5190	Ant1	-31.28	-27	Pass
NVNT	ac40	5230	Ant1	-43.15	-27	Pass
NVNT	ac80	5210	Ant1	-41.62	-27	Pass
NVNT	ac80	5210	Ant1	-28.87	-27	Pass

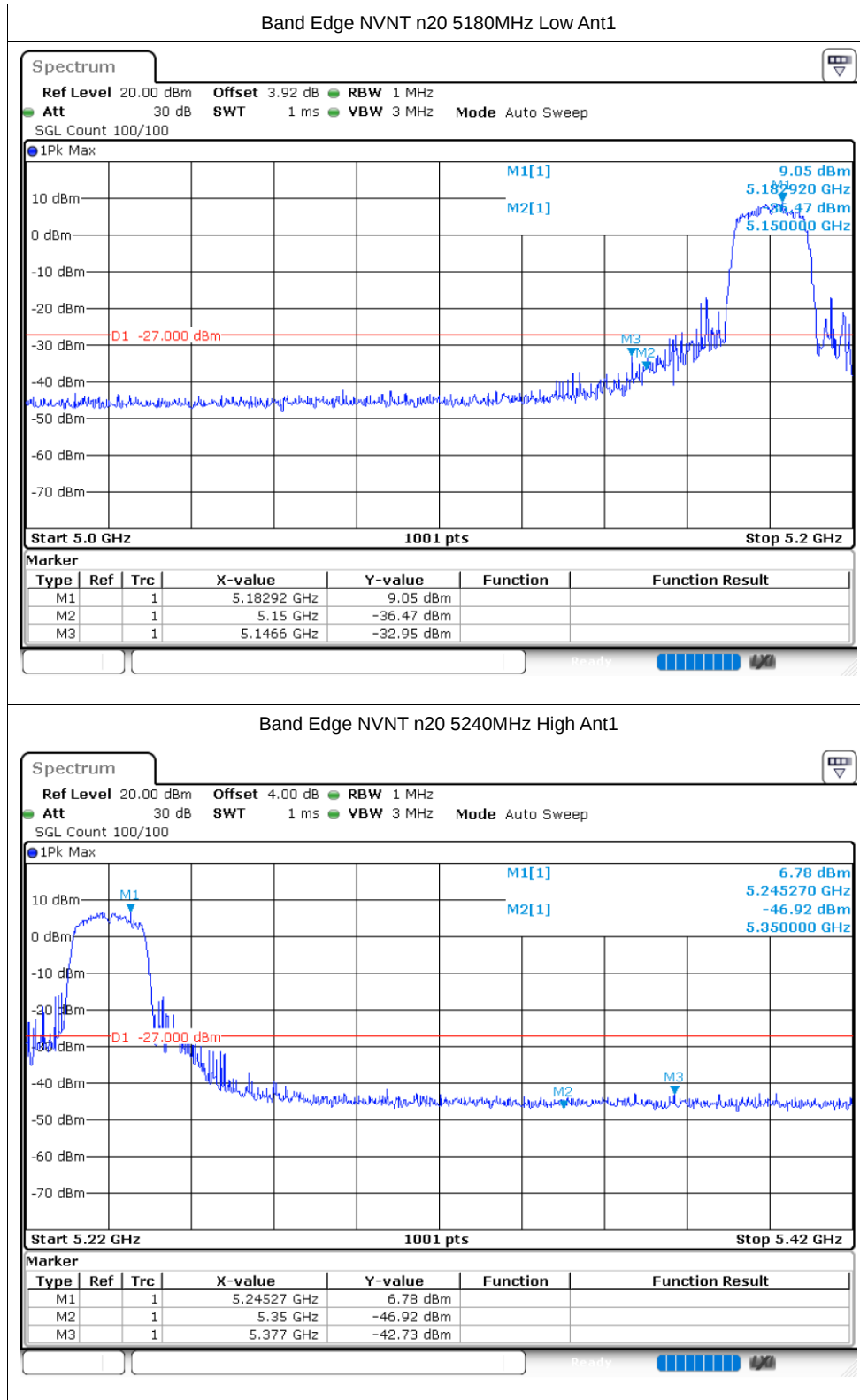
Test Graphs

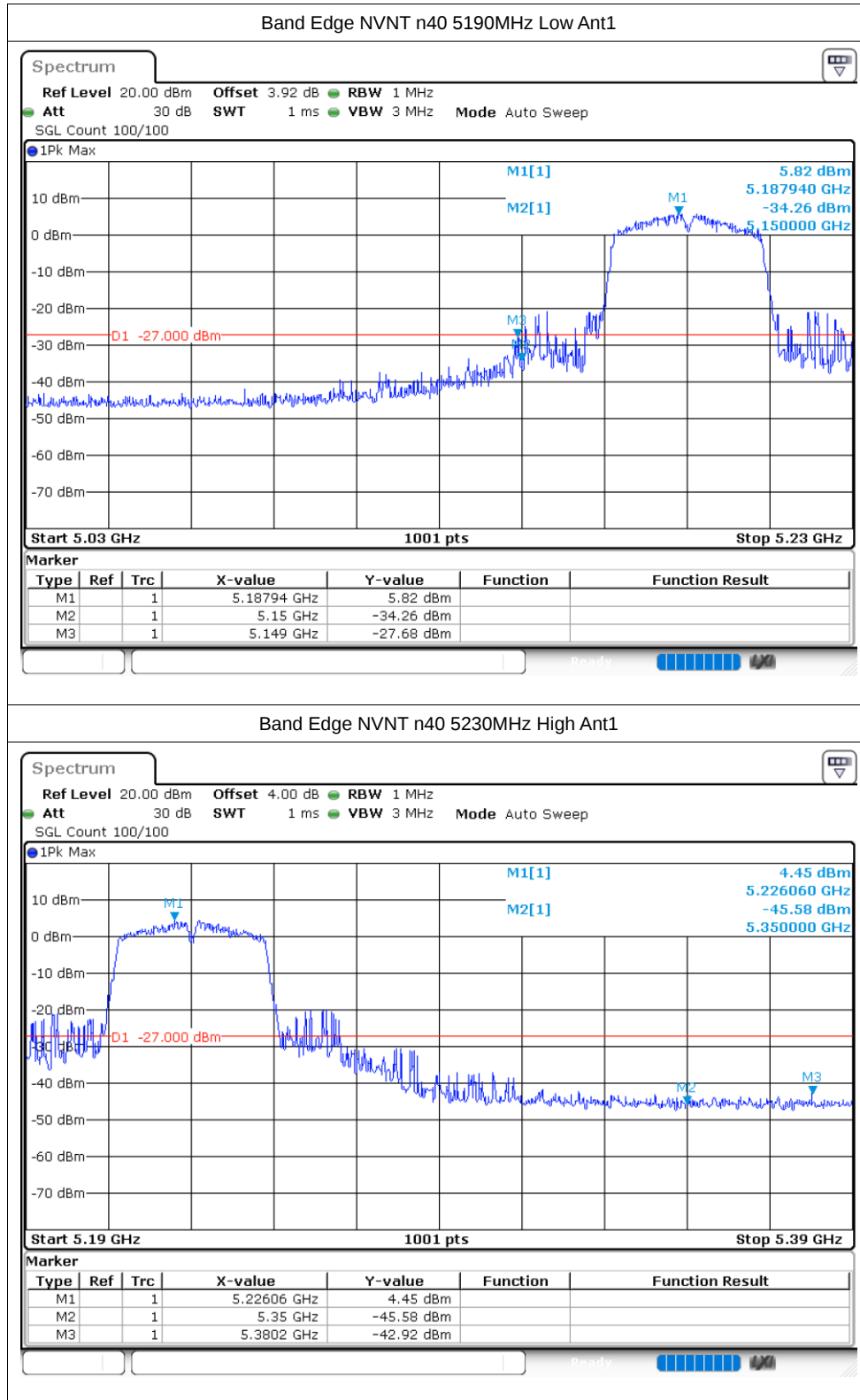
Band Edge NVNT a 5180MHz Low Ant1

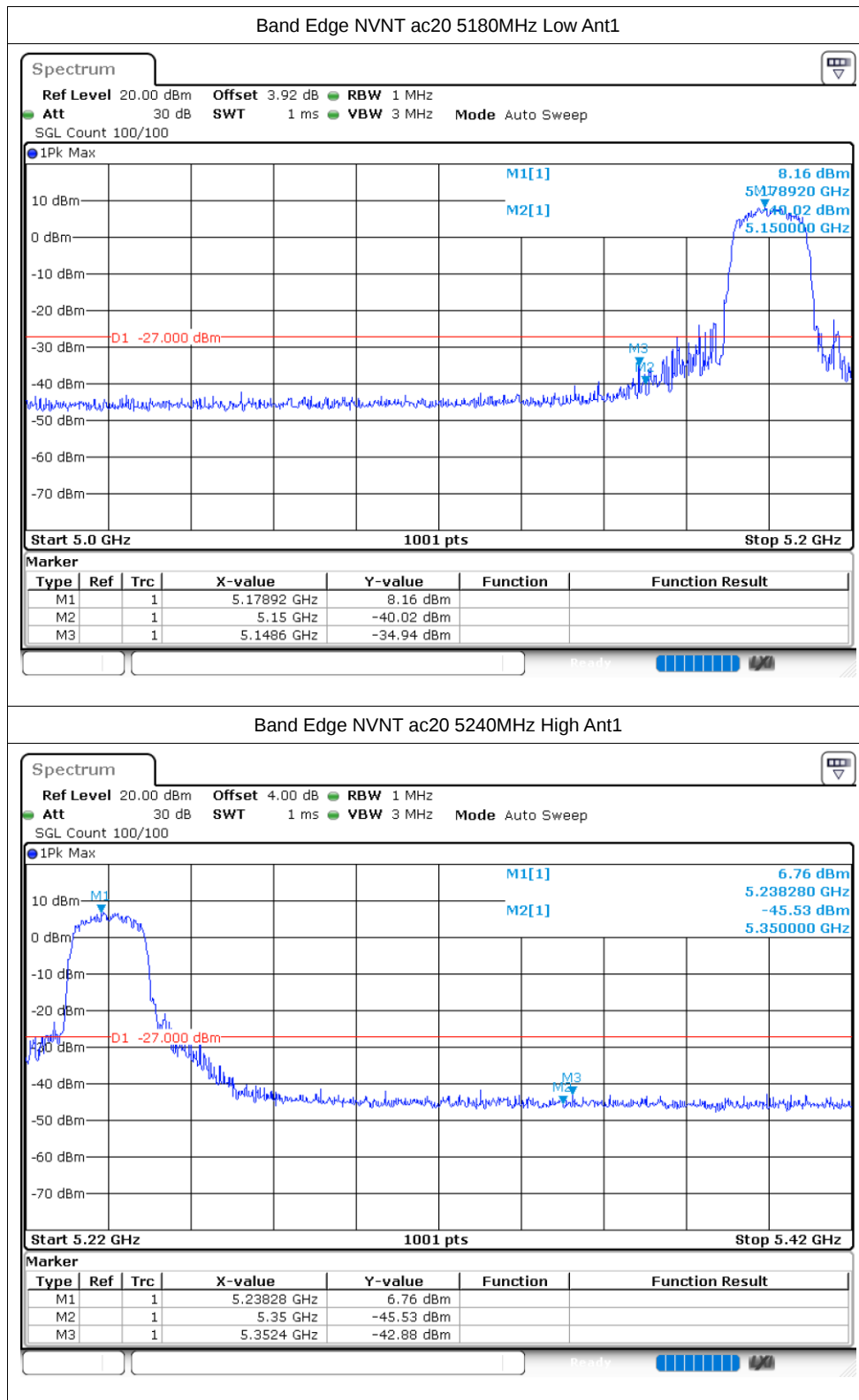


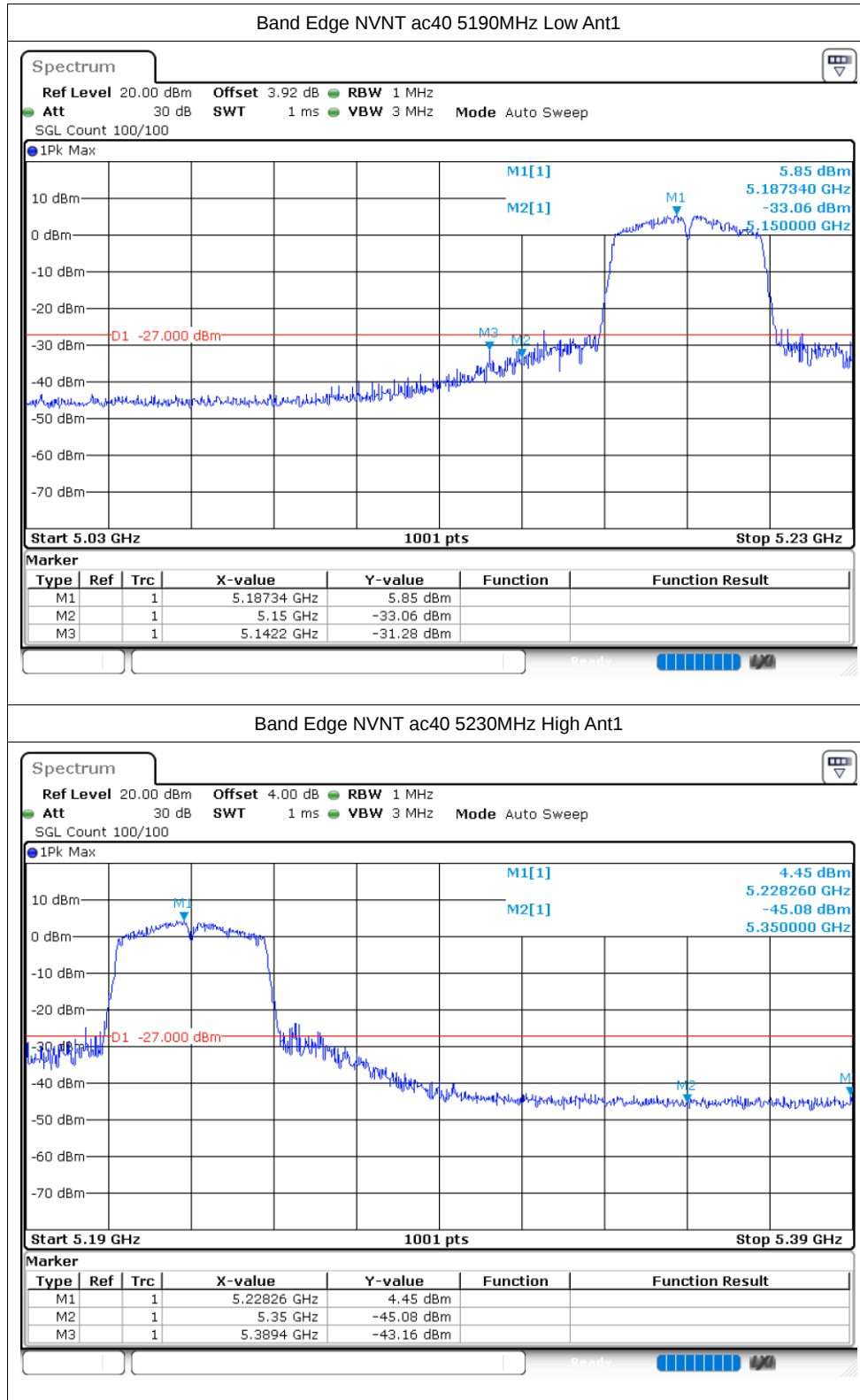
Band Edge NVNT a 5240MHz High Ant1

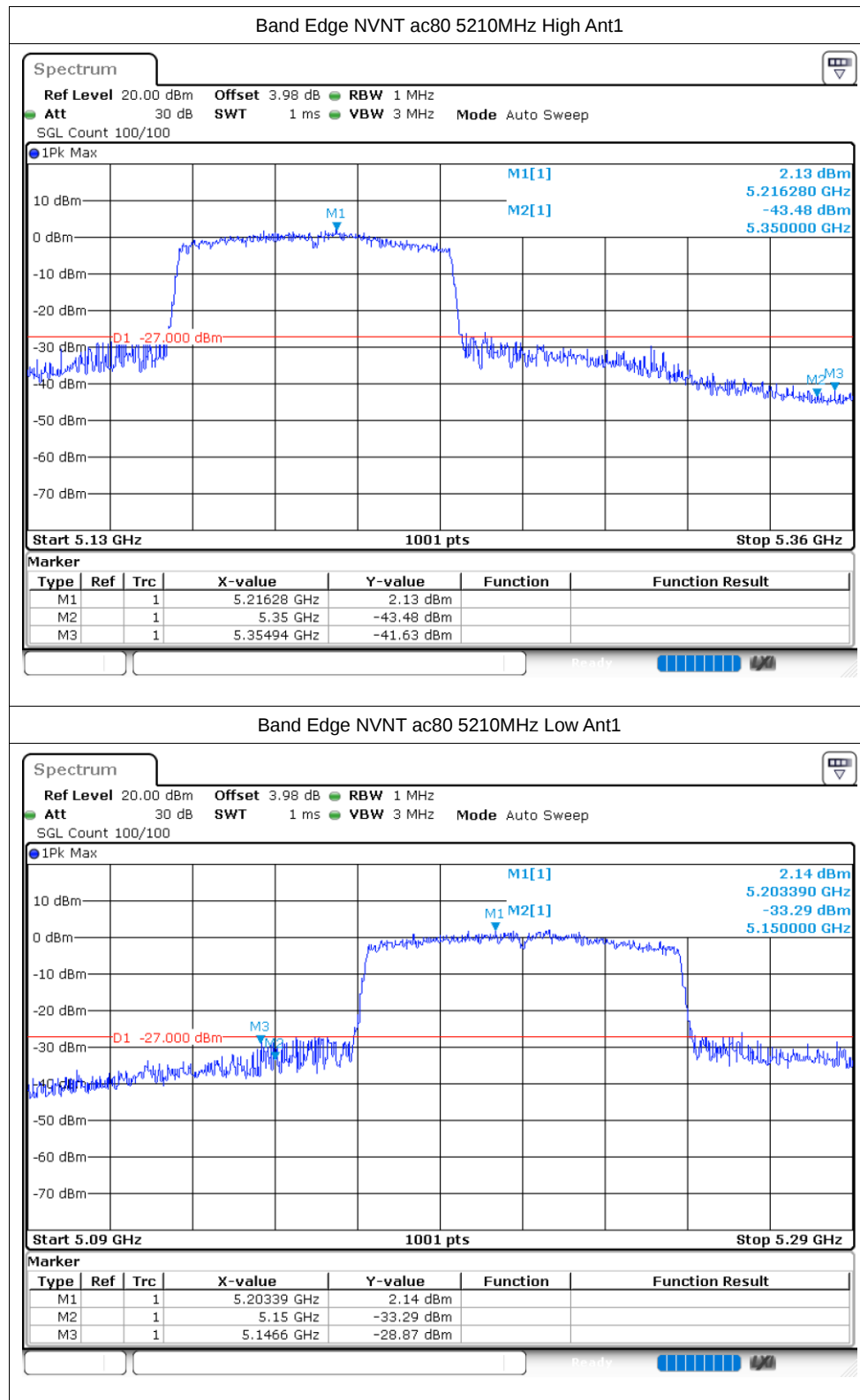










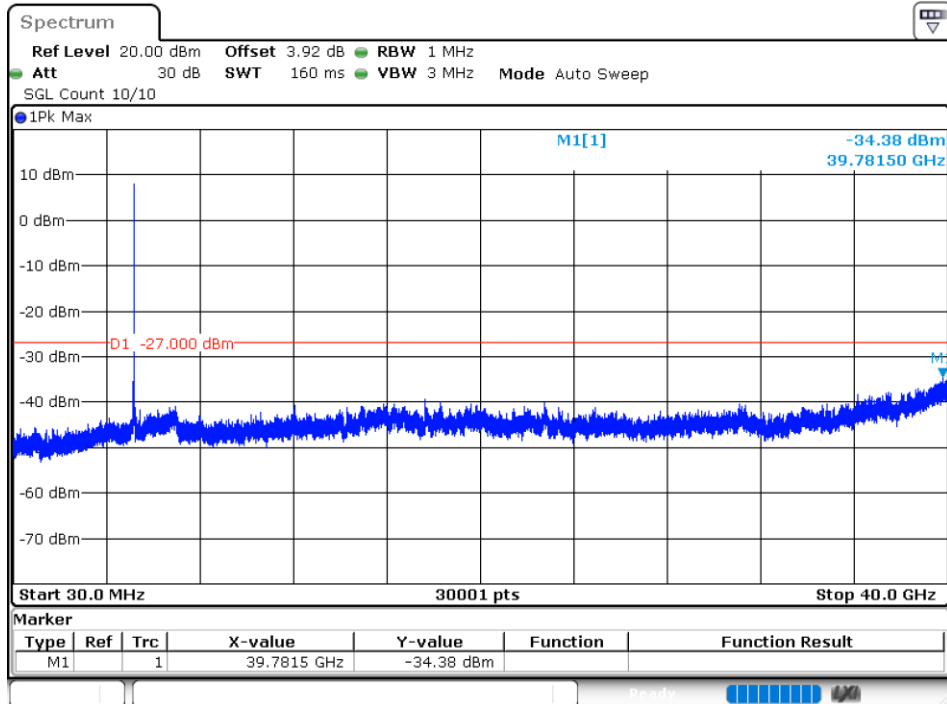


Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-34.38	-27	Pass
NVNT	a	5200	Ant1	-34.51	-27	Pass
NVNT	a	5240	Ant1	-34.55	-27	Pass
NVNT	n20	5180	Ant1	-34.79	-27	Pass
NVNT	n20	5200	Ant1	-34.52	-27	Pass
NVNT	n20	5240	Ant1	-34.69	-27	Pass
NVNT	n40	5190	Ant1	-34.69	-27	Pass
NVNT	n40	5230	Ant1	-34.87	-27	Pass
NVNT	ac20	5180	Ant1	-35.19	-27	Pass
NVNT	ac20	5200	Ant1	-35.02	-27	Pass
NVNT	ac20	5240	Ant1	-34.63	-27	Pass
NVNT	ac40	5190	Ant1	-35.29	-27	Pass
NVNT	ac40	5230	Ant1	-34.9	-27	Pass
NVNT	ac80	5210	Ant1	-35.11	-27	Pass

Test Graphs

Tx. Spurious NVNT a 5180MHz Ant1 Emission



Tx. Spurious NVNT a 5200MHz Ant1 Emission

