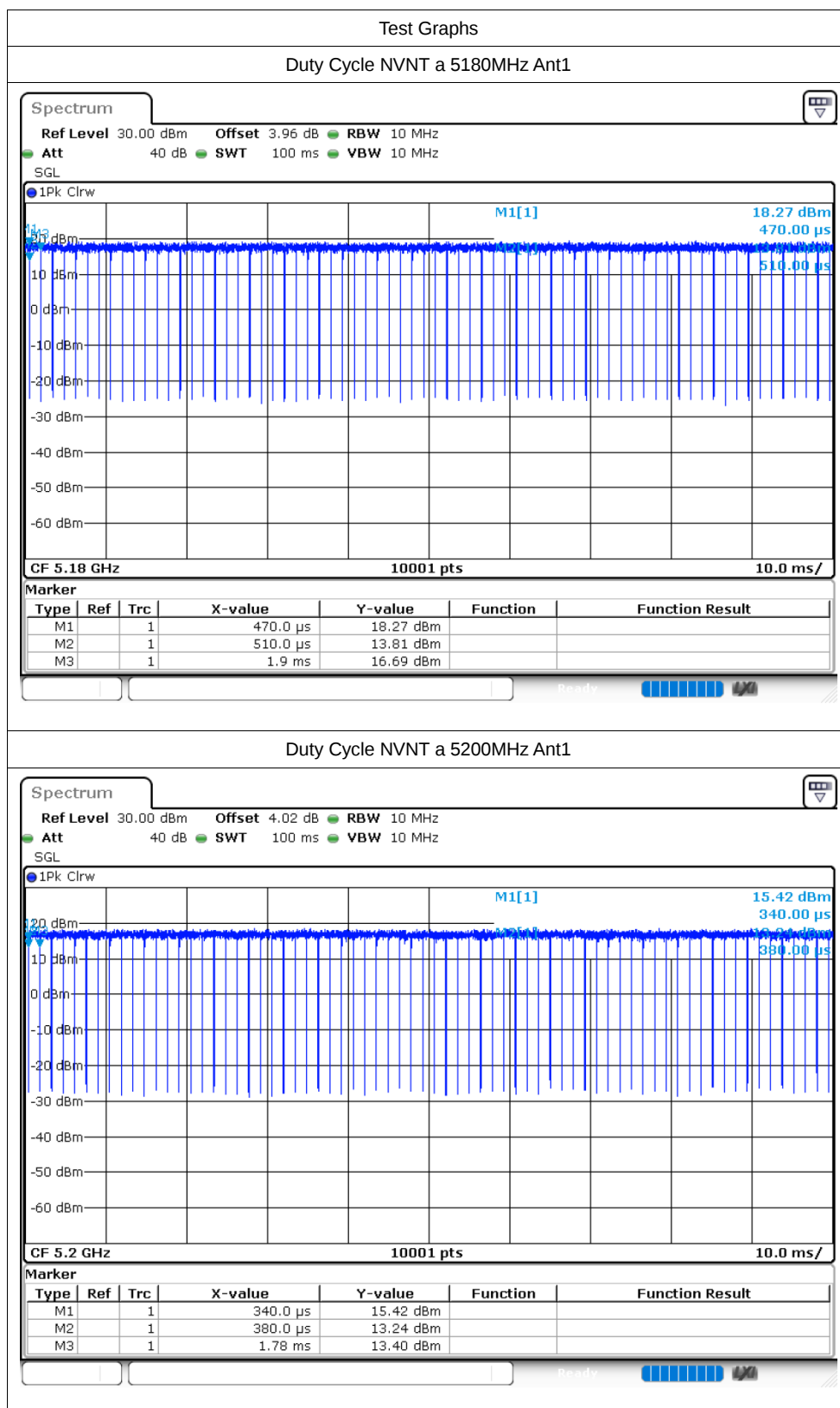
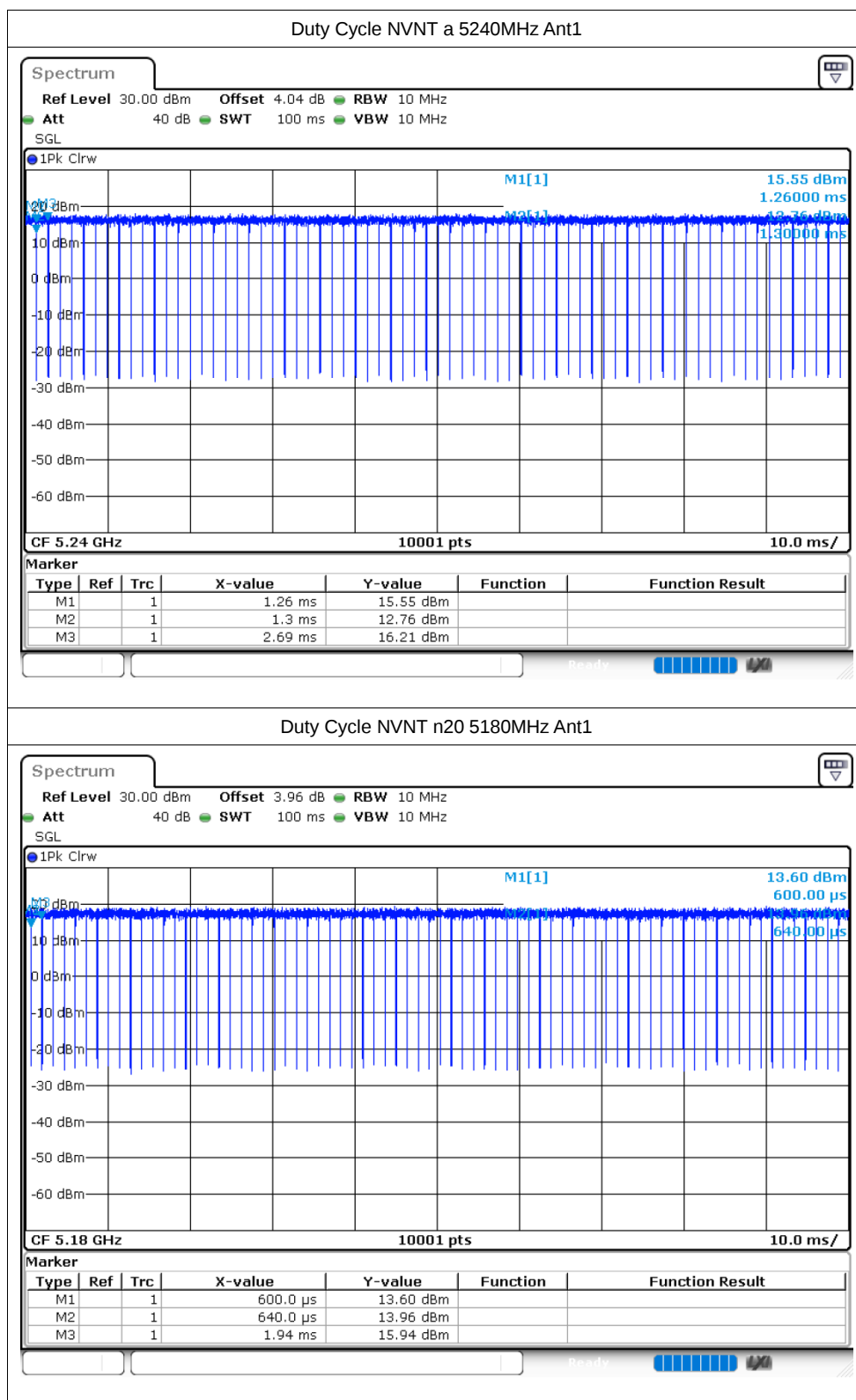


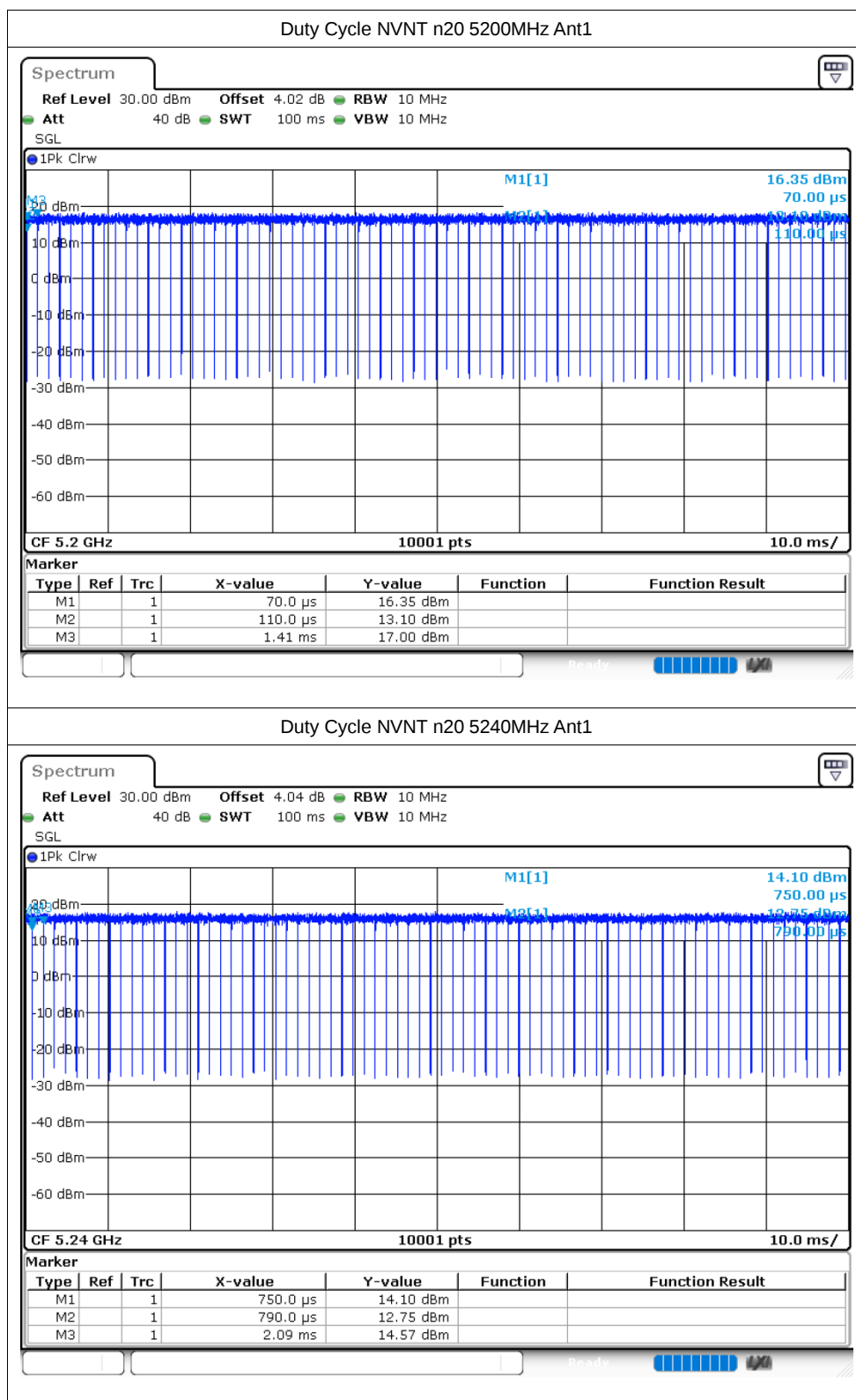
WIFI 5.2G:

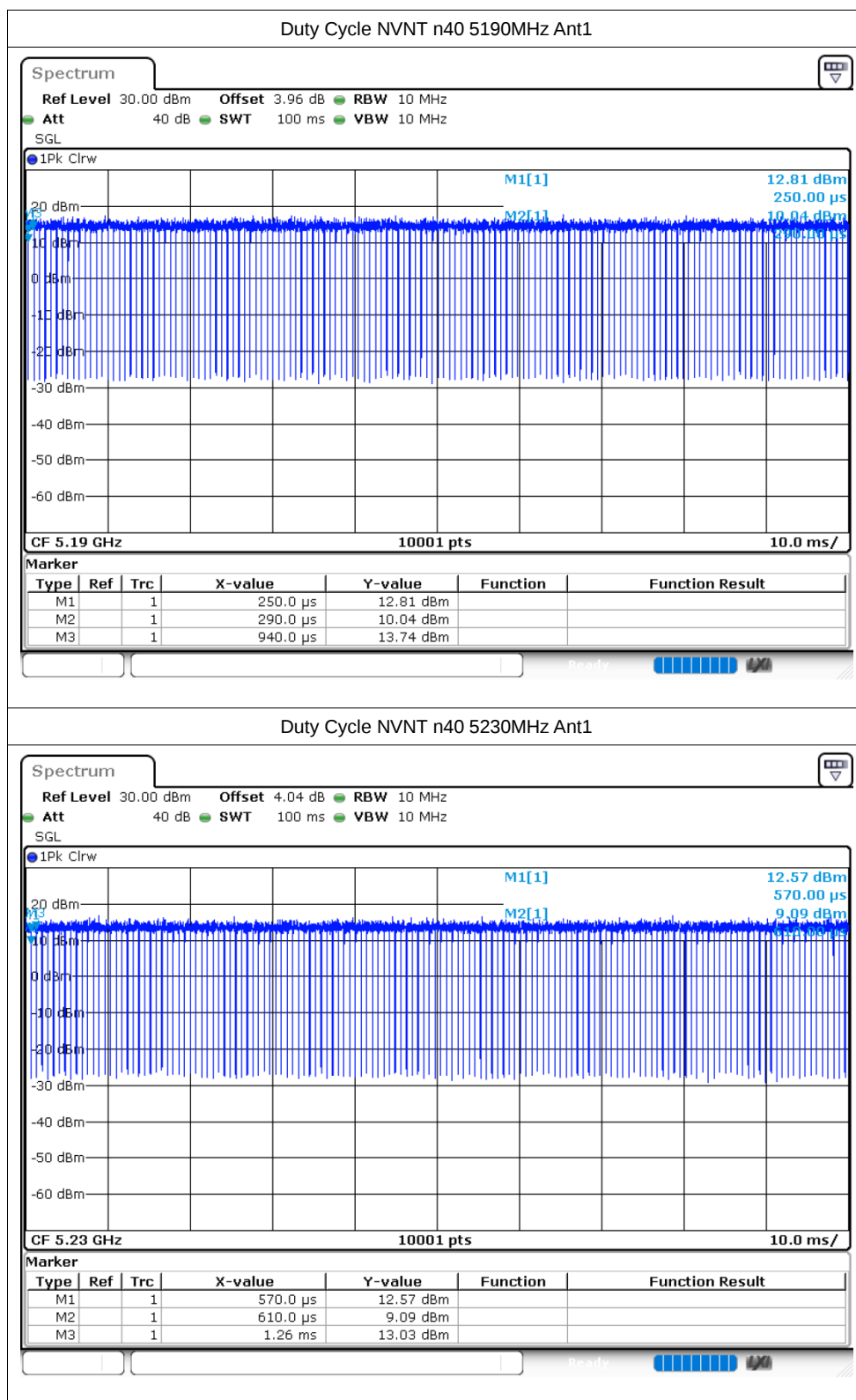
Duty Cycle

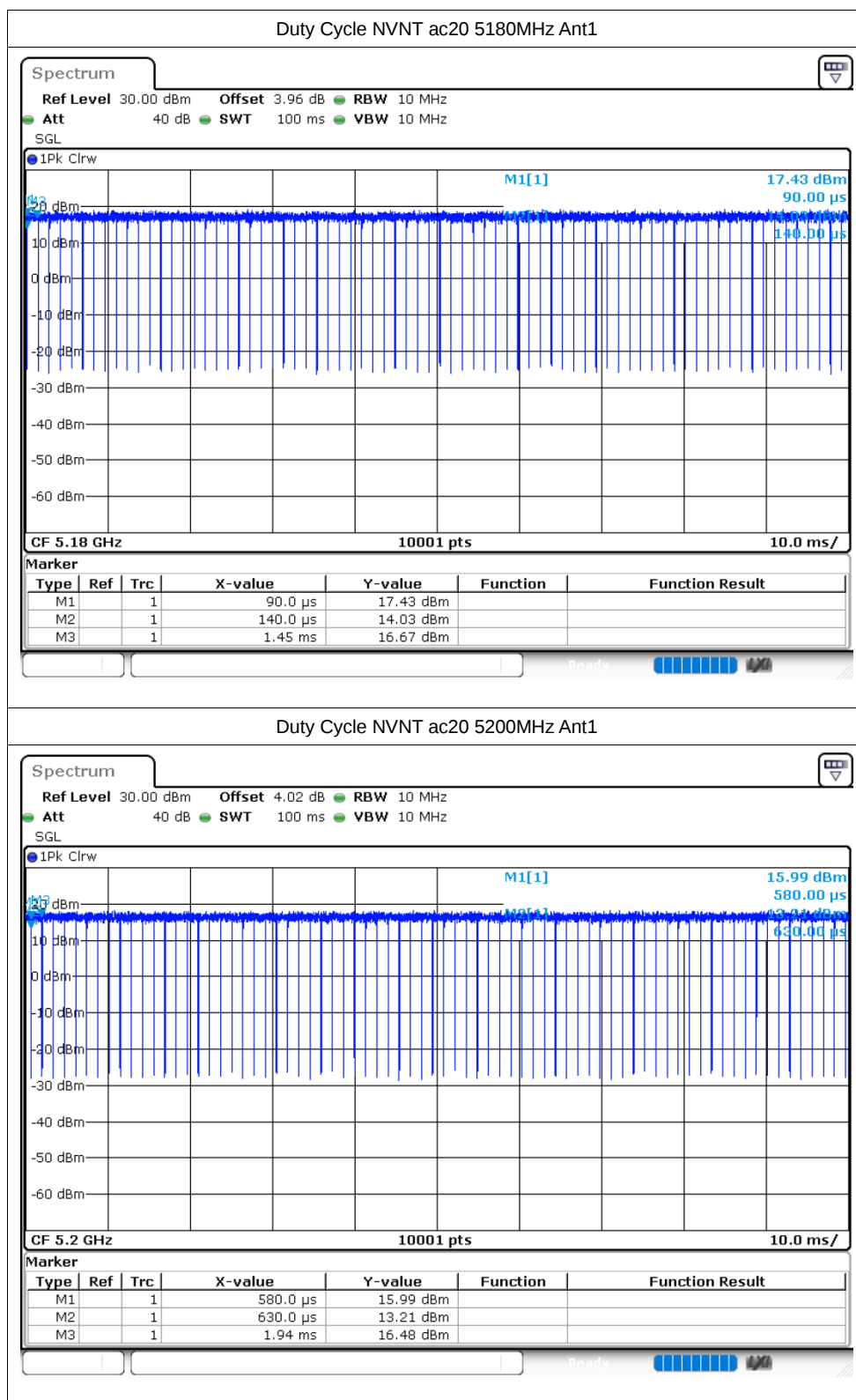
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	97.59	0.11	0.72
NVNT	a	5200	Ant1	97.59	0.11	0.71
NVNT	a	5240	Ant1	97.62	0.1	0.72
NVNT	n20	5180	Ant1	97.45	0.11	0.77
NVNT	n20	5200	Ant1	97.4	0.11	0.77
NVNT	n20	5240	Ant1	97.45	0.11	0.77
NVNT	n40	5190	Ant1	95.07	0.22	1.54
NVNT	n40	5230	Ant1	95.09	0.22	1.54
NVNT	ac20	5180	Ant1	97.45	0.11	0.76
NVNT	ac20	5200	Ant1	97.43	0.11	0.76
NVNT	ac20	5240	Ant1	97.41	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	90.65	0.43	3.03

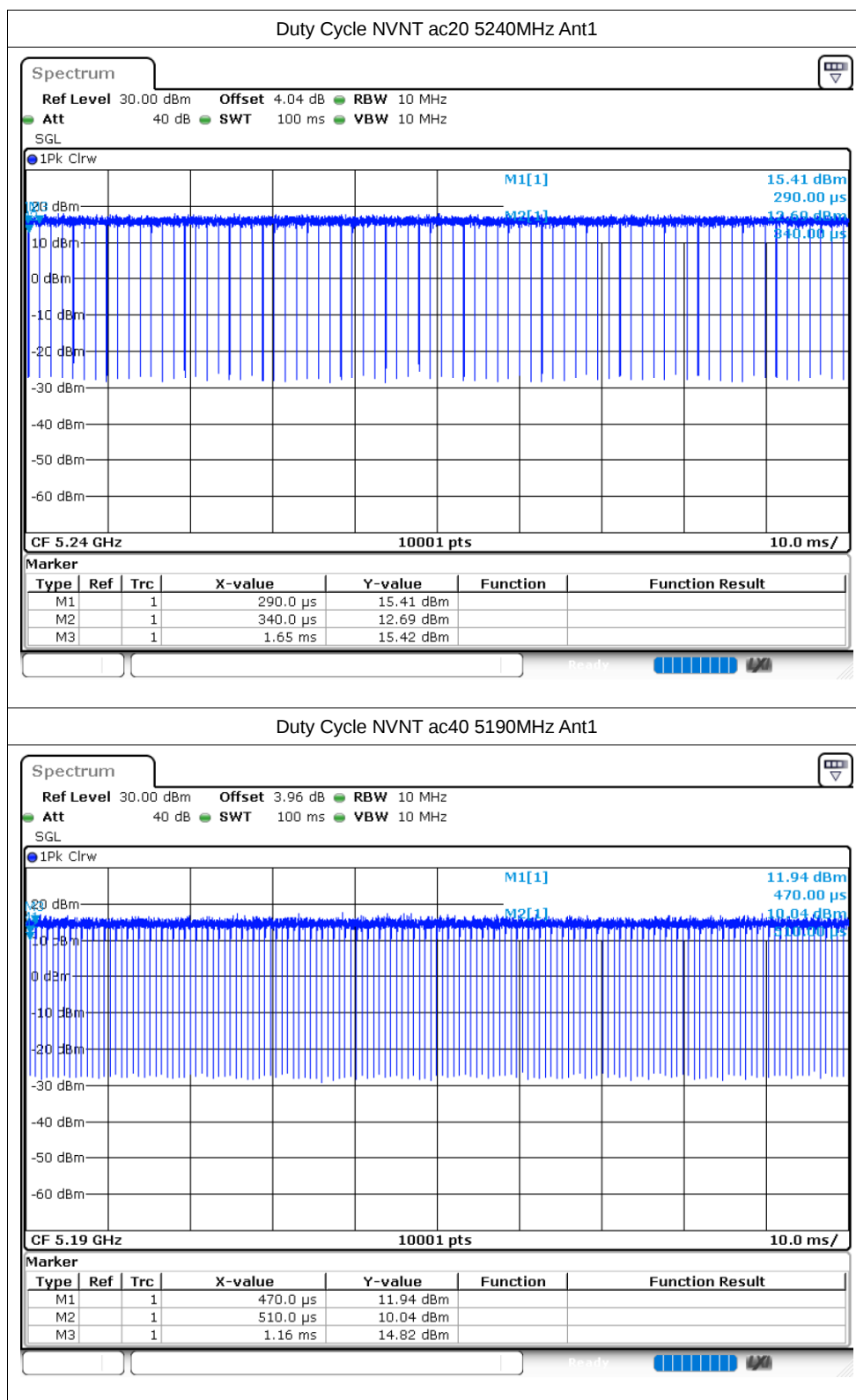


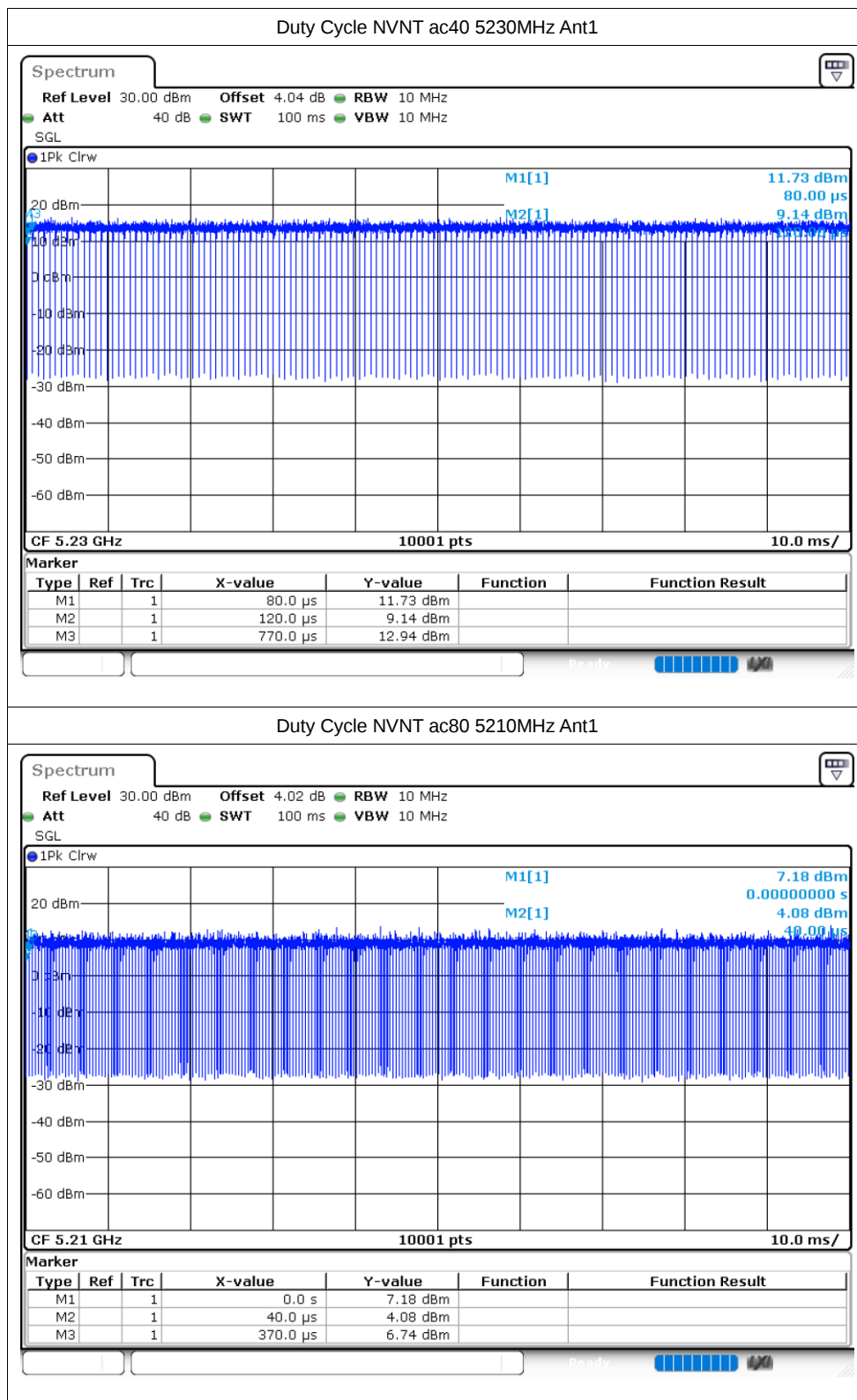












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.59	24	Pass
NVNT	a	5200	Ant1	12.49	24	Pass
NVNT	a	5240	Ant1	11.32	24	Pass
NVNT	n20	5180	Ant1	12.52	24	Pass
NVNT	n20	5200	Ant1	12.38	24	Pass
NVNT	n20	5240	Ant1	11.33	24	Pass
NVNT	n40	5190	Ant1	12.46	24	Pass
NVNT	n40	5230	Ant1	11.56	24	Pass
NVNT	ac20	5180	Ant1	12.59	24	Pass
NVNT	ac20	5200	Ant1	12.61	24	Pass
NVNT	ac20	5240	Ant1	11.18	24	Pass
NVNT	ac40	5190	Ant1	12.44	24	Pass
NVNT	ac40	5230	Ant1	11.48	24	Pass
NVNT	ac80	5210	Ant1	10.34	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.68	Pass
NVNT	a	5200	Ant1	24.054	Pass
NVNT	a	5240	Ant1	19.872	Pass
NVNT	n20	5180	Ant1	20.523	Pass
NVNT	n20	5200	Ant1	20.244	Pass
NVNT	n20	5240	Ant1	20.226	Pass
NVNT	n40	5190	Ant1	53.772	Pass
NVNT	n40	5230	Ant1	55.2	Pass
NVNT	ac20	5180	Ant1	19.815	Pass
NVNT	ac20	5200	Ant1	20.115	Pass
NVNT	ac20	5240	Ant1	20.13	Pass
NVNT	ac40	5190	Ant1	49.092	Pass
NVNT	ac40	5230	Ant1	55.95	Pass
NVNT	ac80	5210	Ant1	81.276	Pass

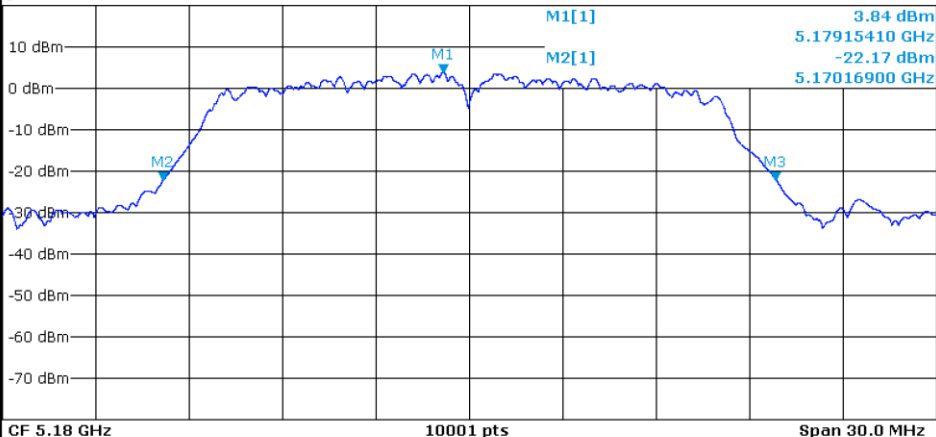
Test Graphs

-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

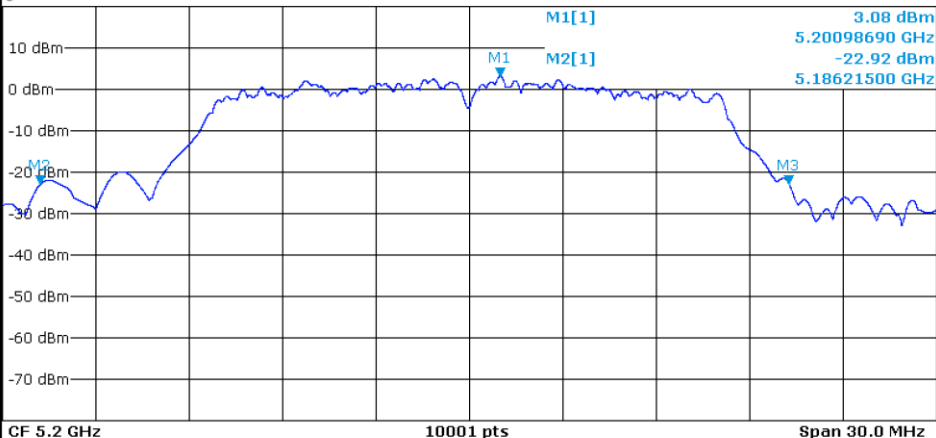
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.1791541 GHz	3.84 dBm		
M2	1		5.170169 GHz	-22.17 dBm		
M3	1		5.189849 GHz	-22.16 dBm		

-26dB Bandwidth NVNT a 5200MHz Ant1

Spectrum

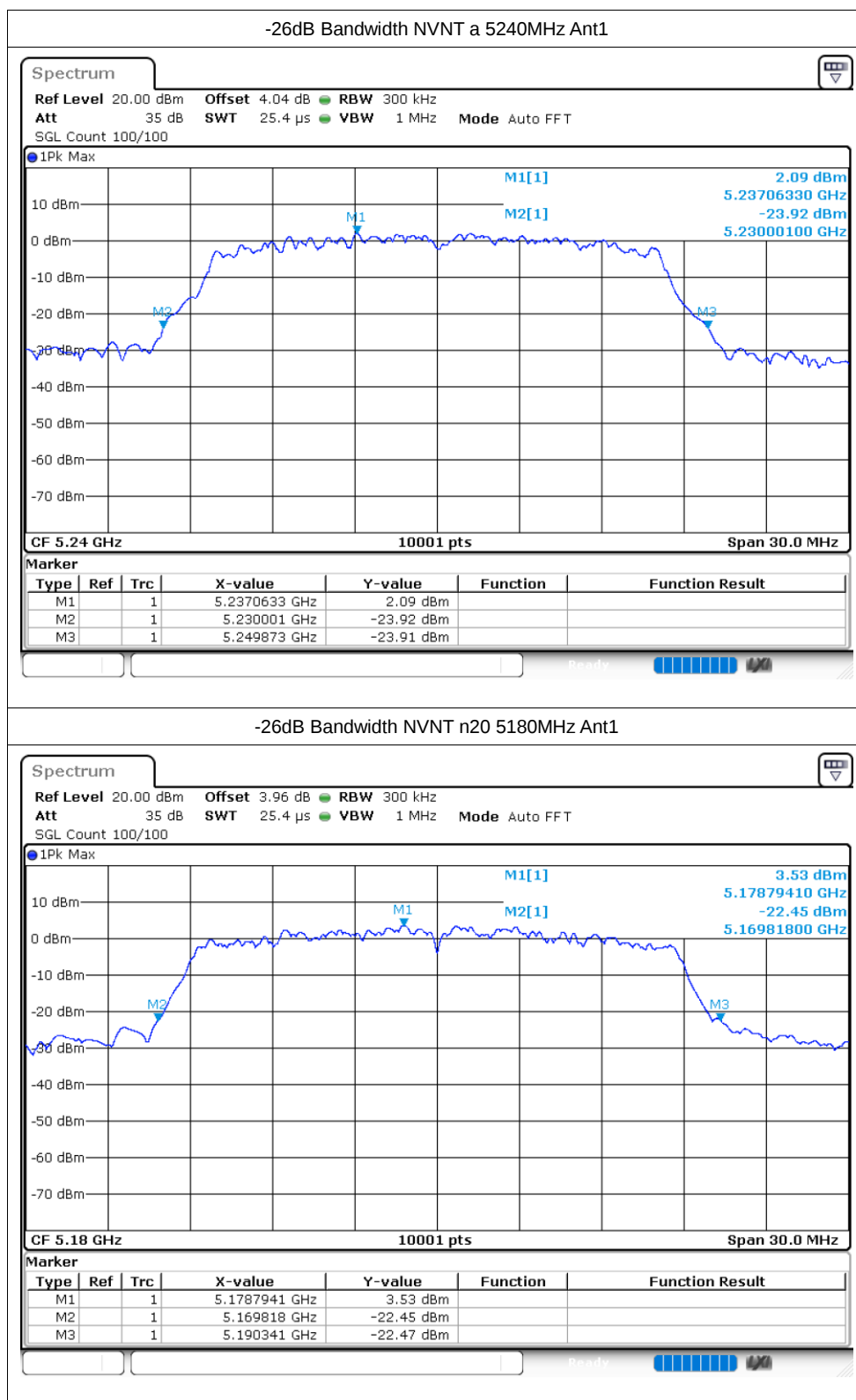
Ref Level 20.00 dBm **Offset** 4.02 dB **RBW** 300 kHz
Att 35 dB **SWT** 25.4 μ s **VBW** 1 MHz **Mode** Auto FFT
SGL Count 100/100

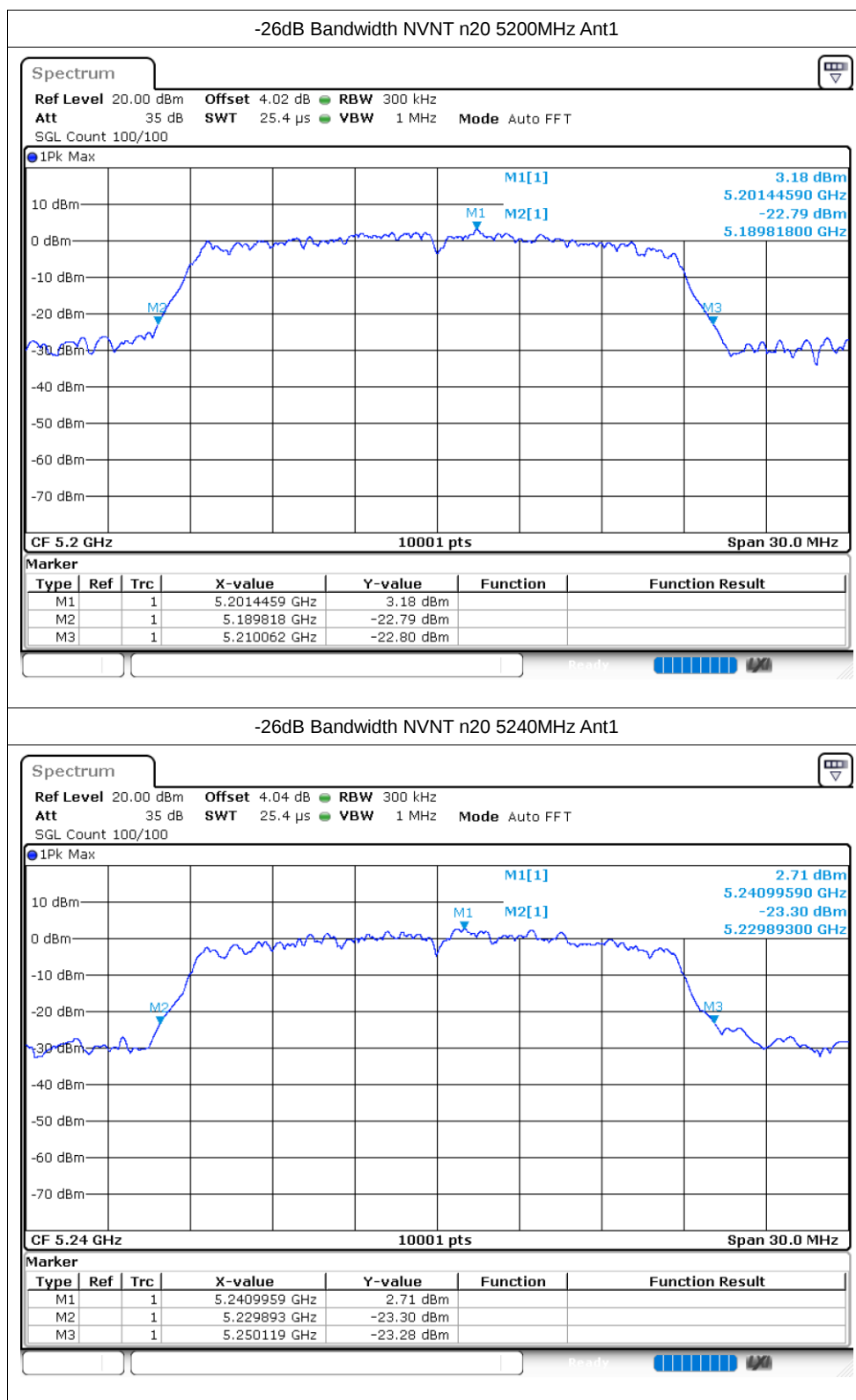
1Pk Max

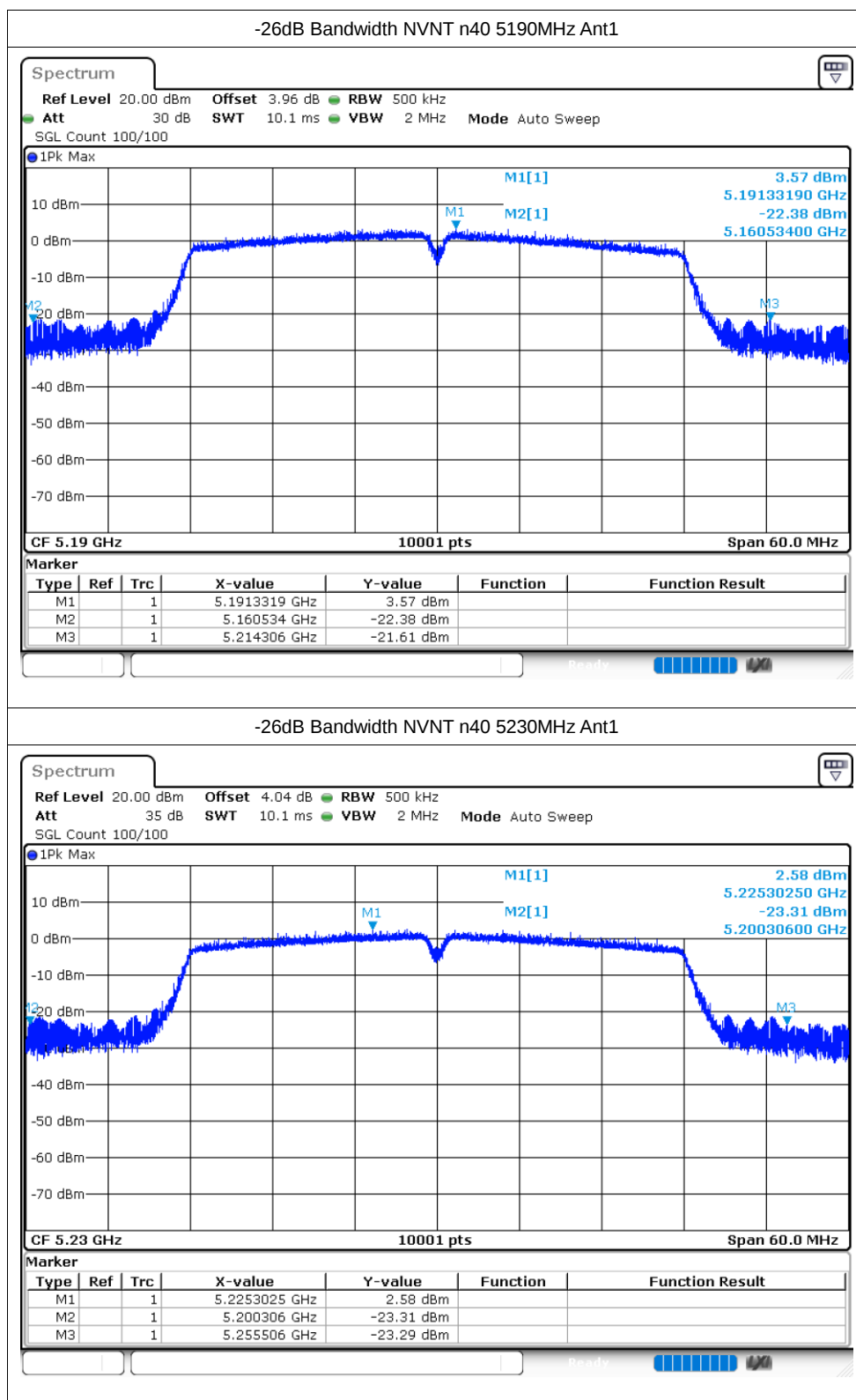


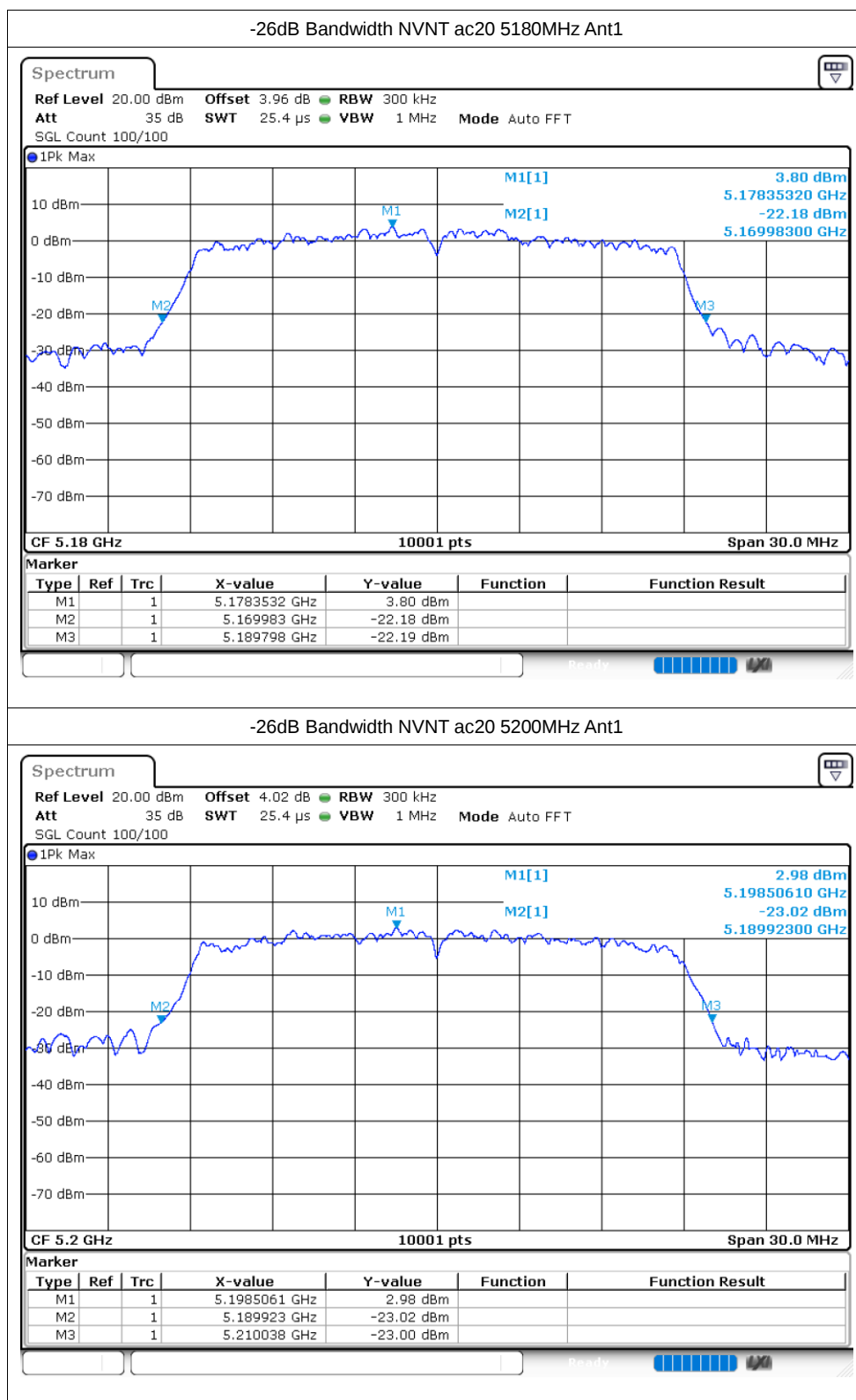
Marker

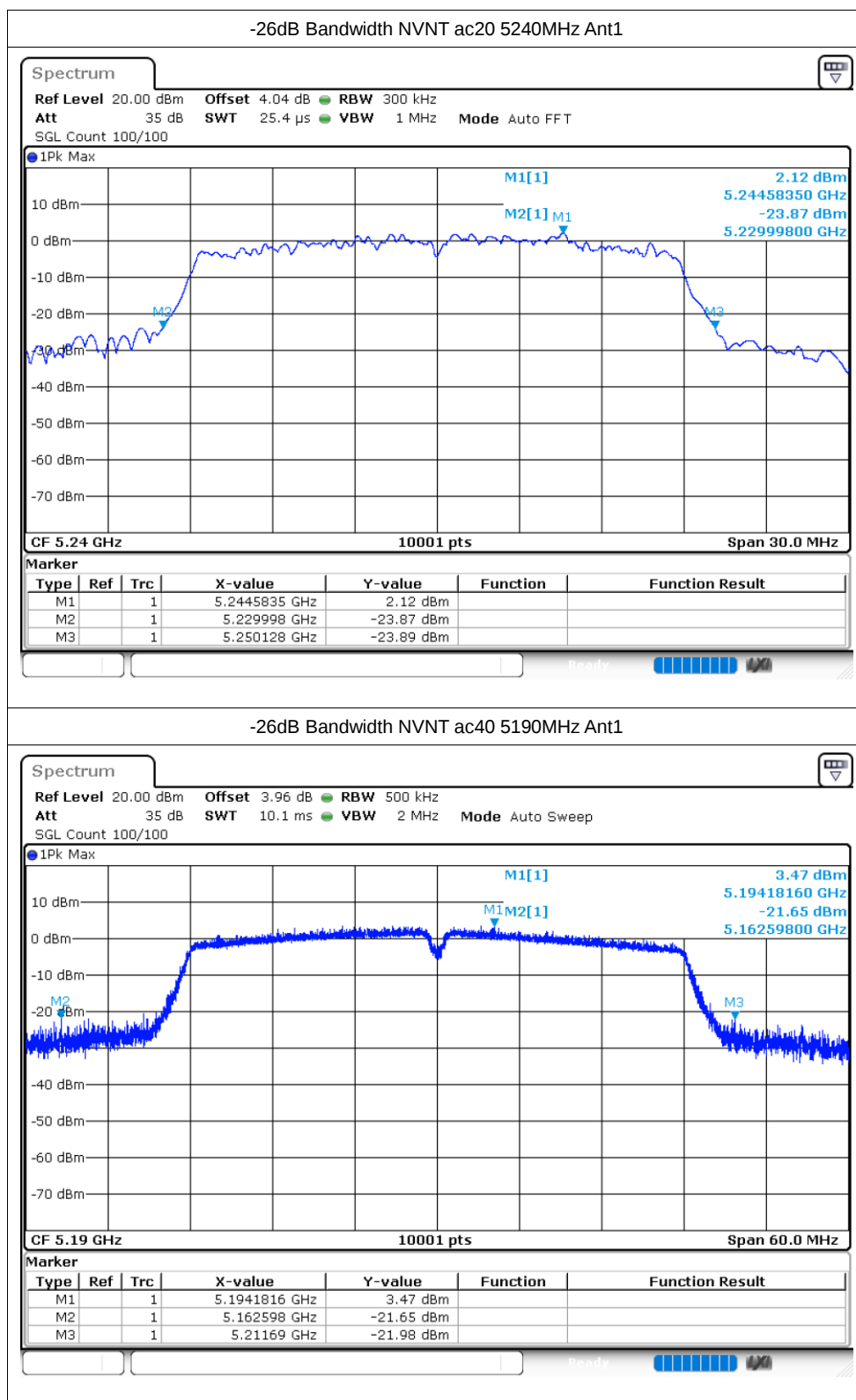
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.2009869 GHz	3.08 dBm		
M2	1		5.186215 GHz	-22.92 dBm		
M3	1		5.210269 GHz	-22.91 dBm		

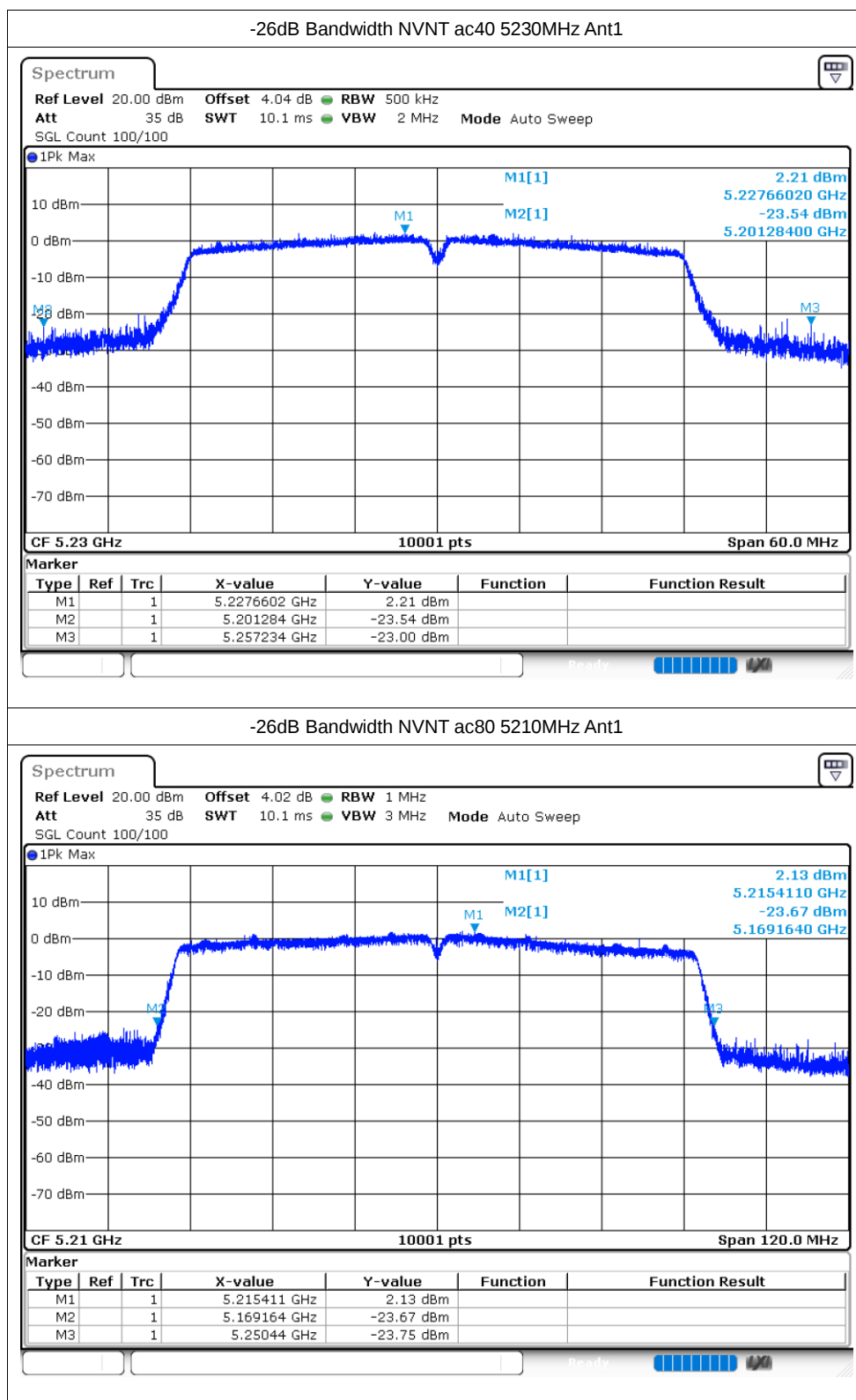










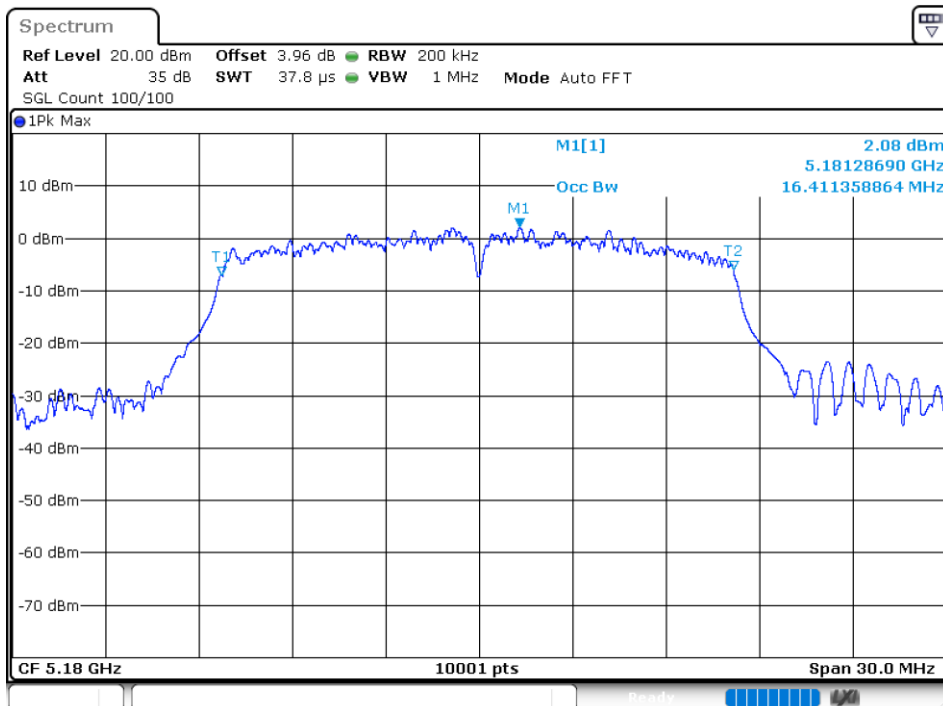


Occupied Channel Bandwidth

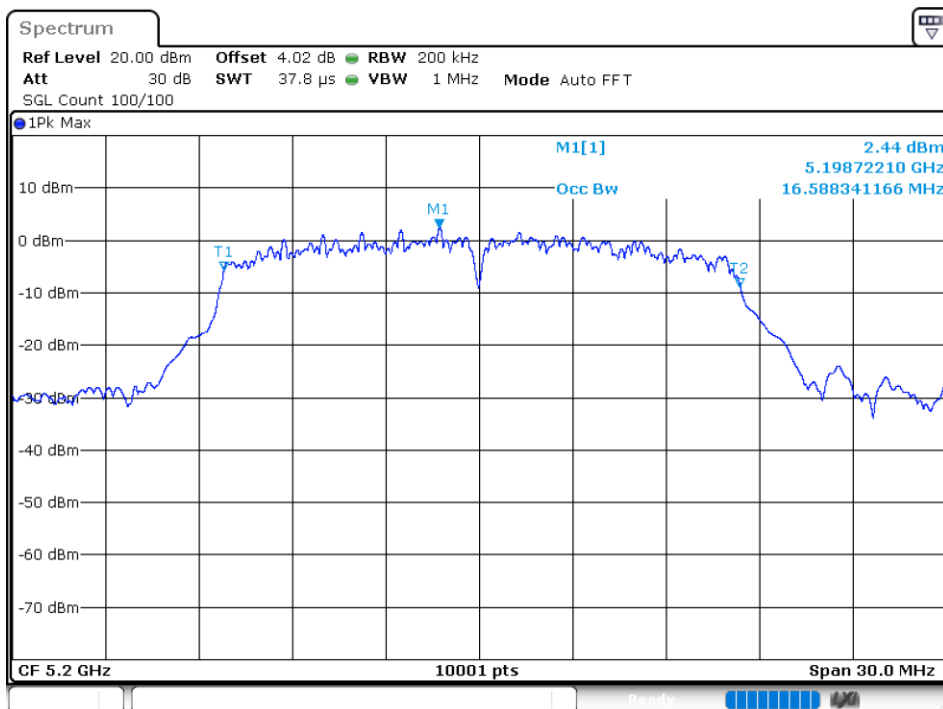
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.411
NVNT	a	5200	Ant1	16.588
NVNT	a	5240	Ant1	16.369
NVNT	n20	5180	Ant1	17.482
NVNT	n20	5200	Ant1	17.563
NVNT	n20	5240	Ant1	17.578
NVNT	n40	5190	Ant1	36.134
NVNT	n40	5230	Ant1	36.176
NVNT	ac20	5180	Ant1	17.503
NVNT	ac20	5200	Ant1	17.533
NVNT	ac20	5240	Ant1	17.59
NVNT	ac40	5190	Ant1	36.074
NVNT	ac40	5230	Ant1	36.158
NVNT	ac80	5210	Ant1	75.268

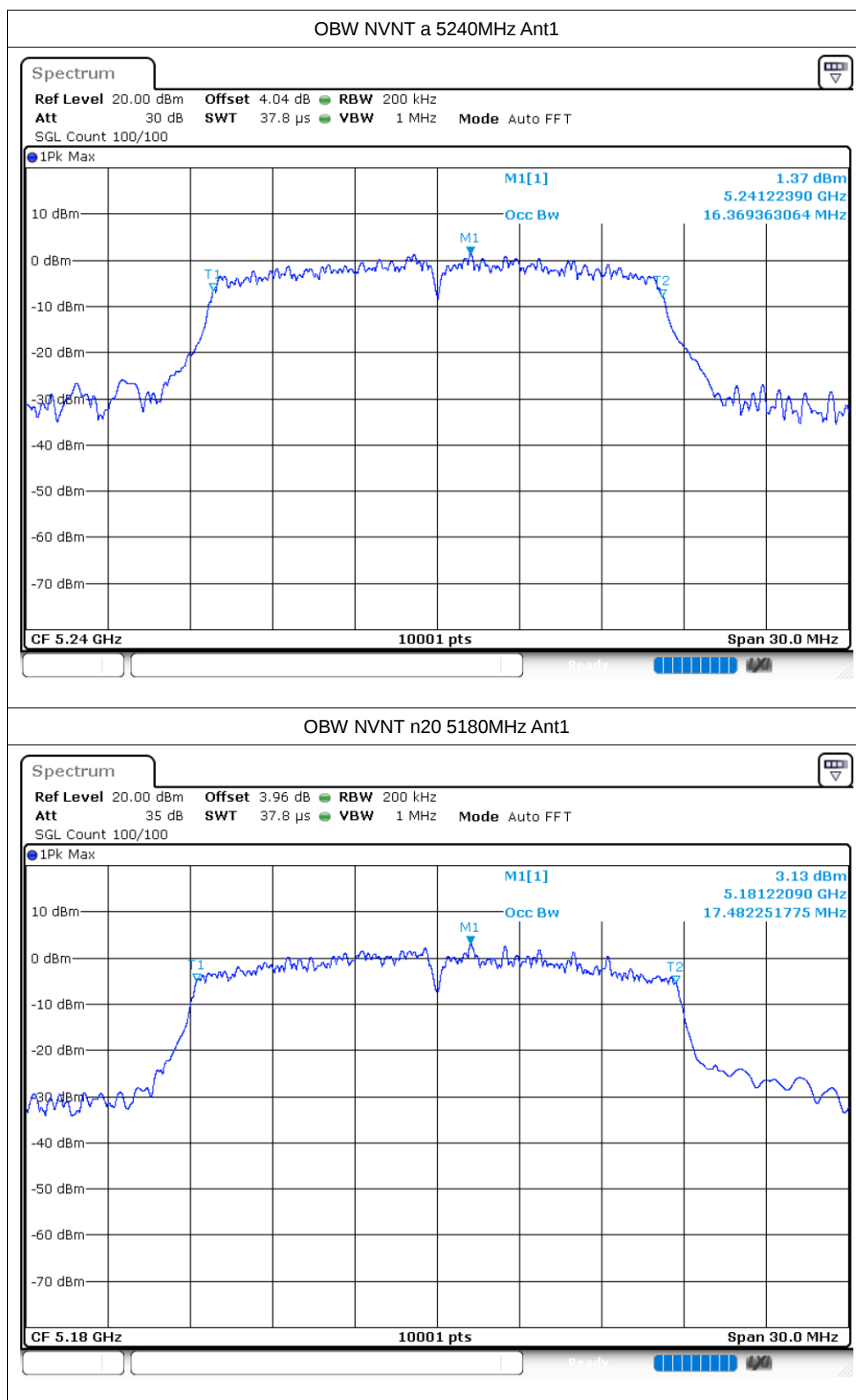
Test Graphs

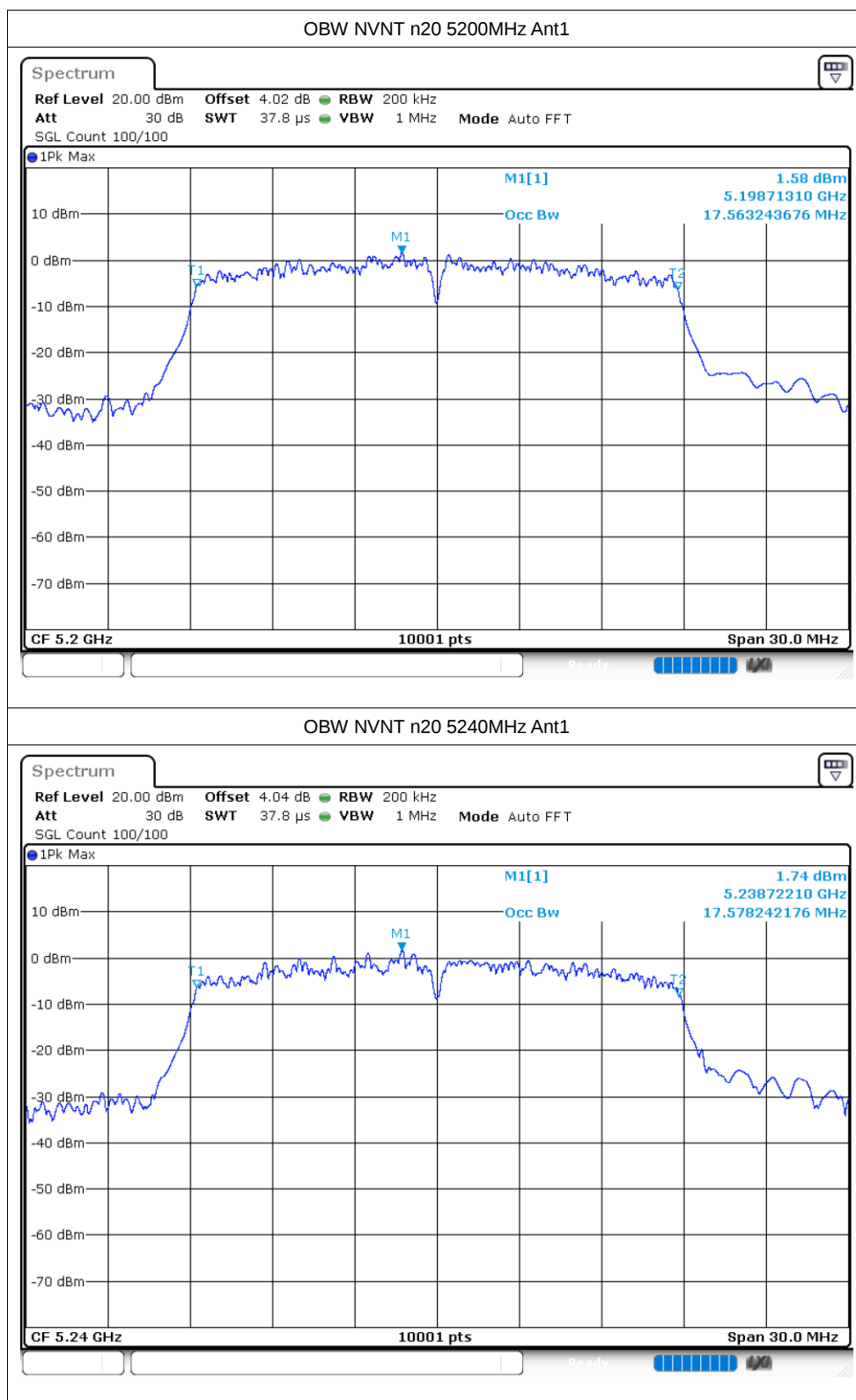
OBW NVNT a 5180MHz Ant1

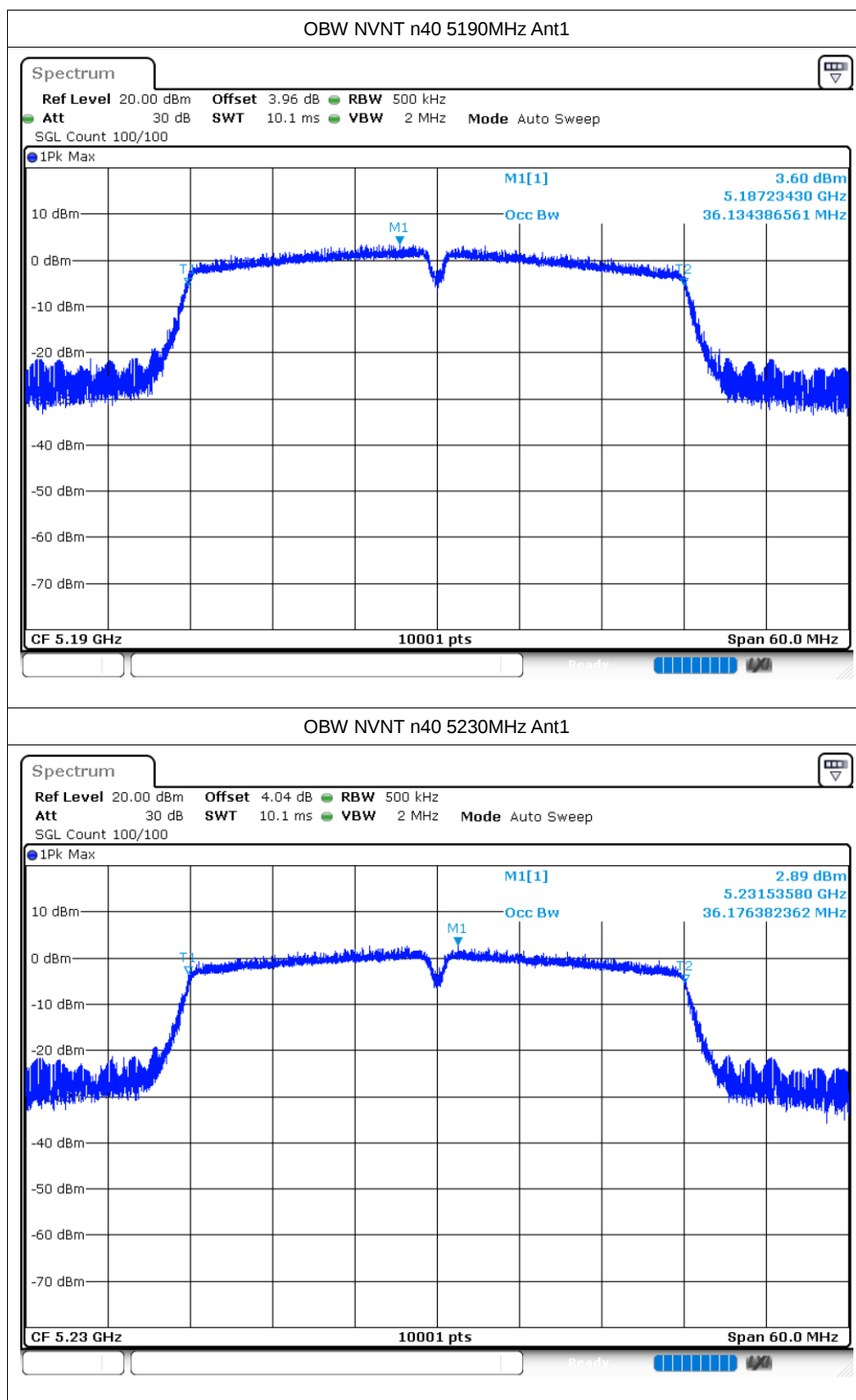


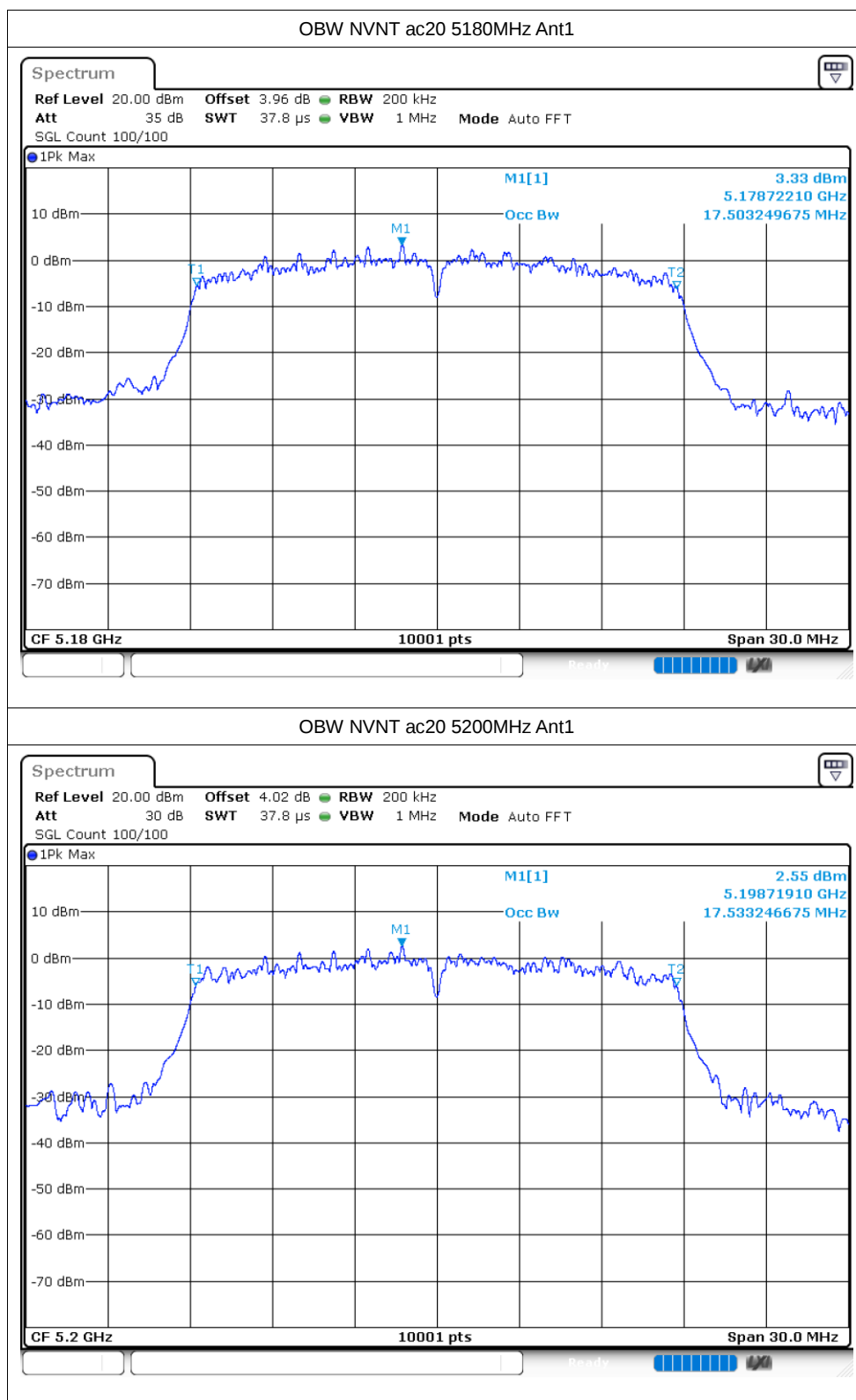
OBW NVNT a 5200MHz Ant1

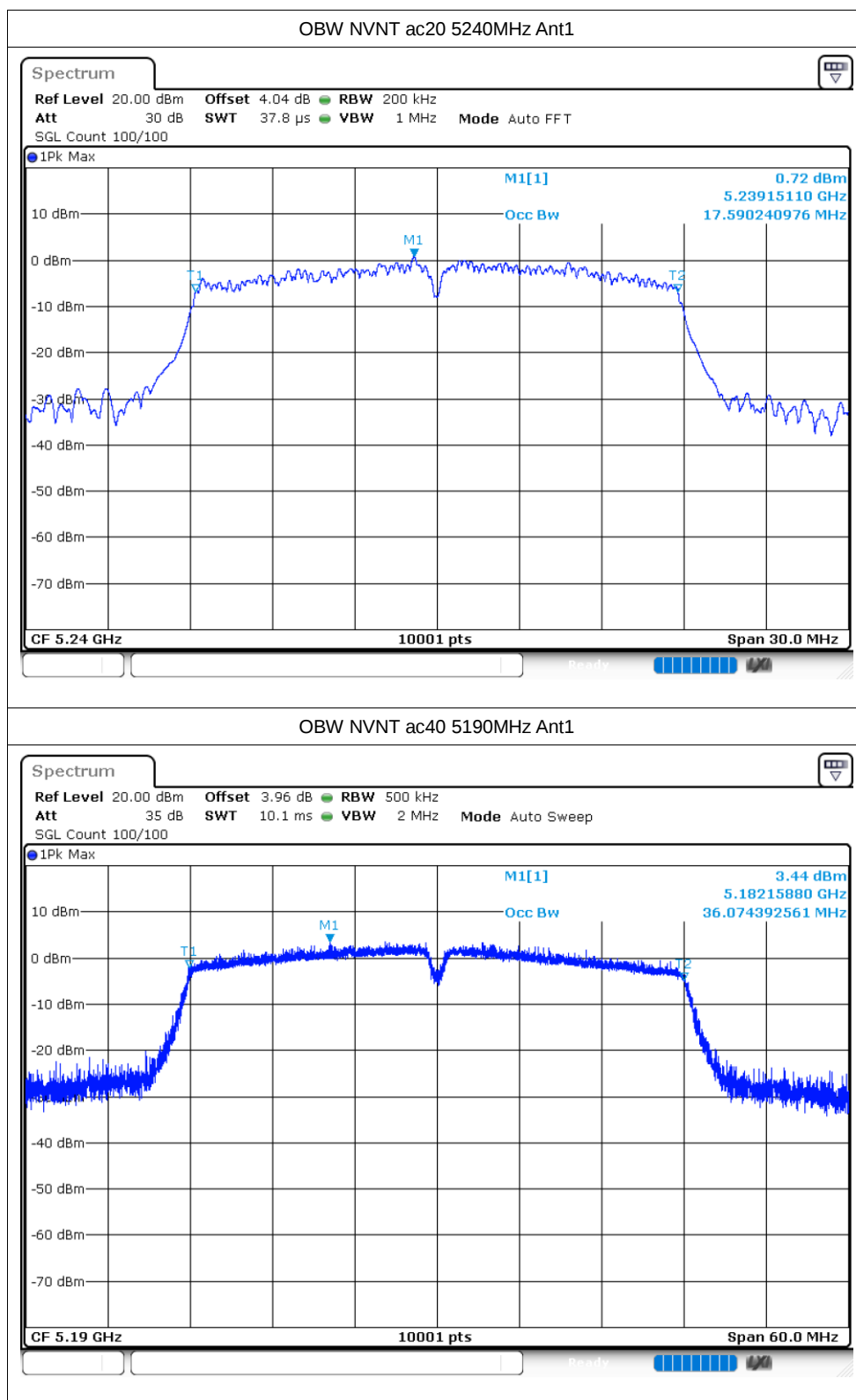


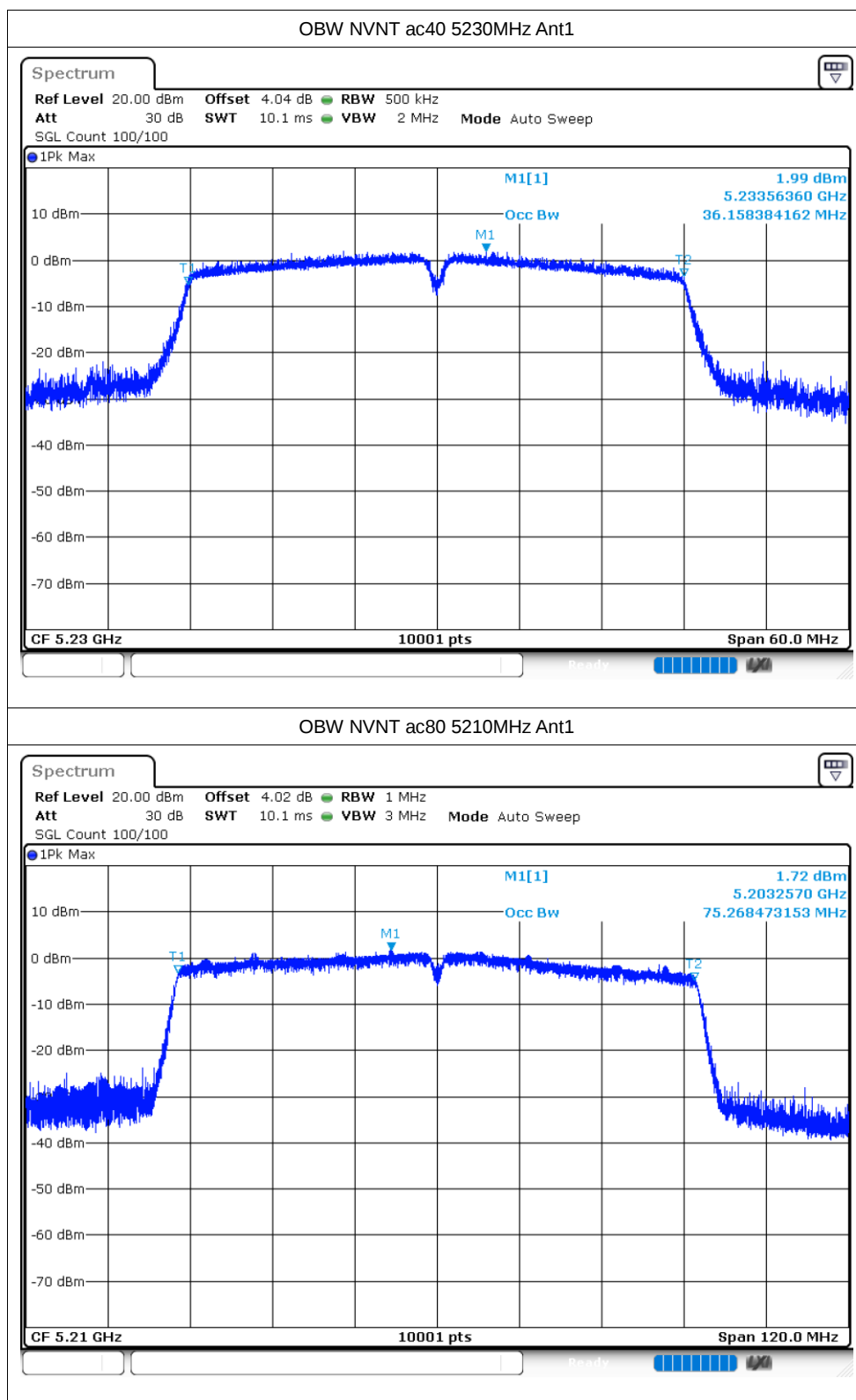










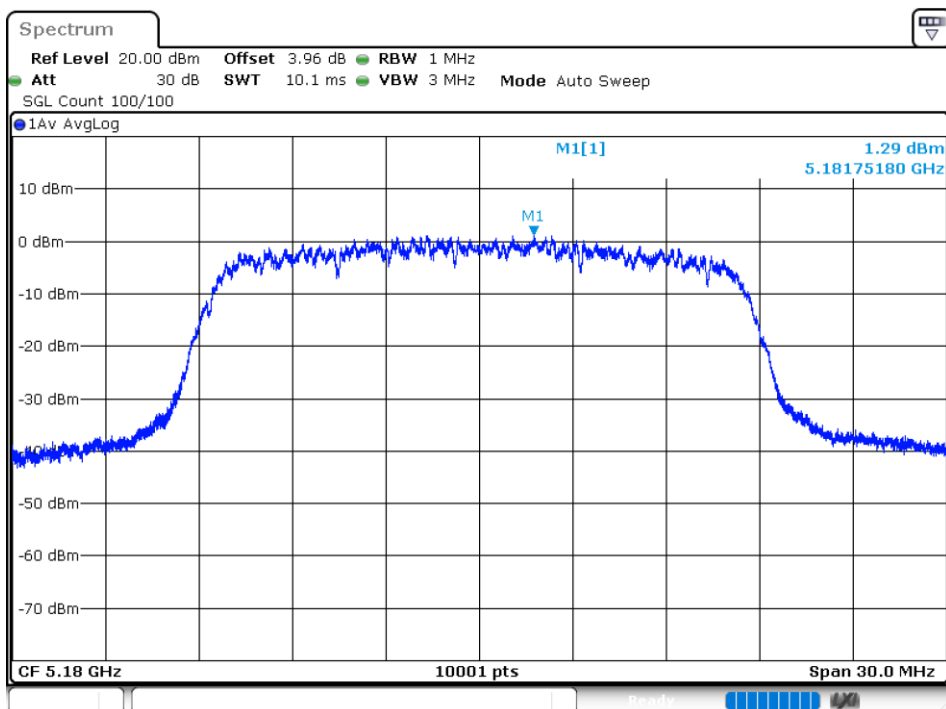


Maximum Power Spectral Density Level

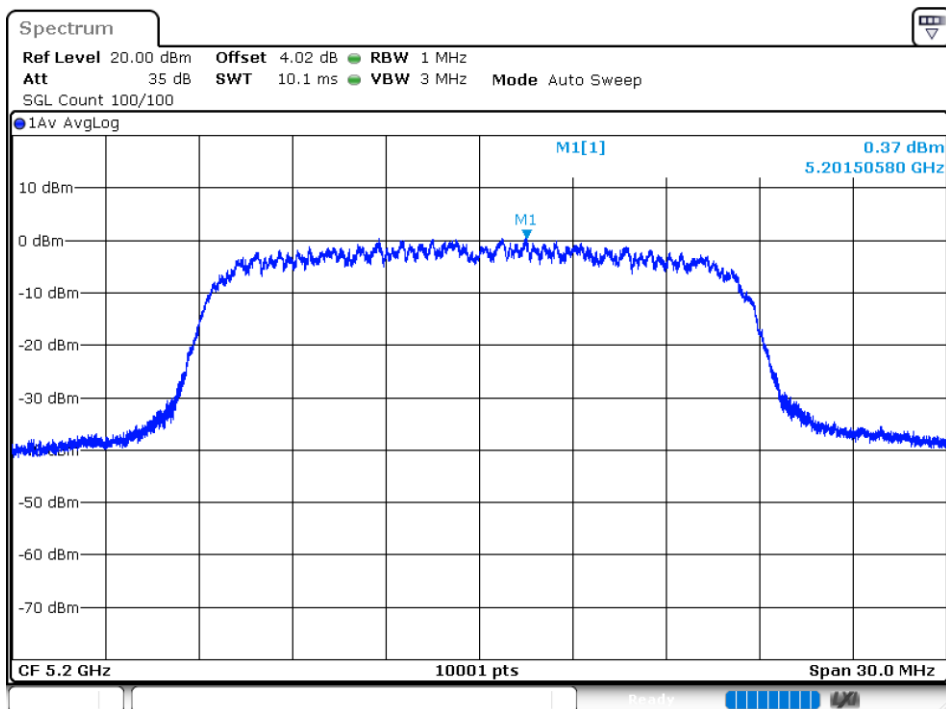
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	1.29	0.11	1.4	11	Pass
NVNT	a	5200	Ant1	0.37	0.11	0.48	11	Pass
NVNT	a	5240	Ant1	-0.2	0.1	-0.1	11	Pass
NVNT	n20	5180	Ant1	1.08	0.11	1.19	11	Pass
NVNT	n20	5200	Ant1	0.02	0.11	0.13	11	Pass
NVNT	n20	5240	Ant1	-0.64	0.11	-0.53	11	Pass
NVNT	n40	5190	Ant1	-3.9	0.22	-3.68	11	Pass
NVNT	n40	5230	Ant1	-4.1	0.22	-3.88	11	Pass
NVNT	ac20	5180	Ant1	0.7	0.11	0.81	11	Pass
NVNT	ac20	5200	Ant1	0.11	0.11	0.22	11	Pass
NVNT	ac20	5240	Ant1	-0.76	0.11	-0.65	11	Pass
NVNT	ac40	5190	Ant1	-3.39	0.22	-3.17	11	Pass
NVNT	ac40	5230	Ant1	-3.67	0.22	-3.45	11	Pass
NVNT	ac80	5210	Ant1	-9.99	0.43	-9.56	11	Pass

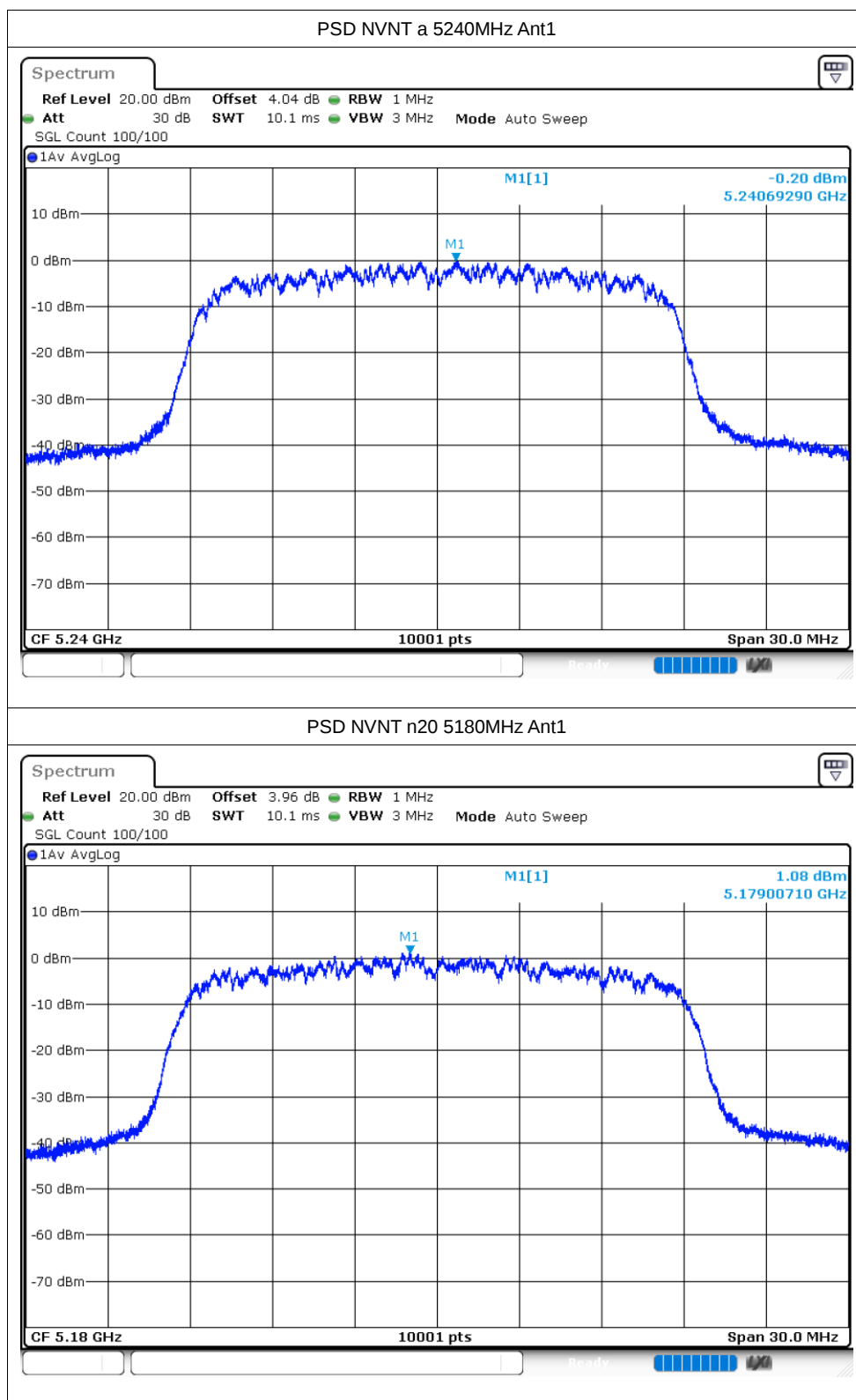
Test Graphs

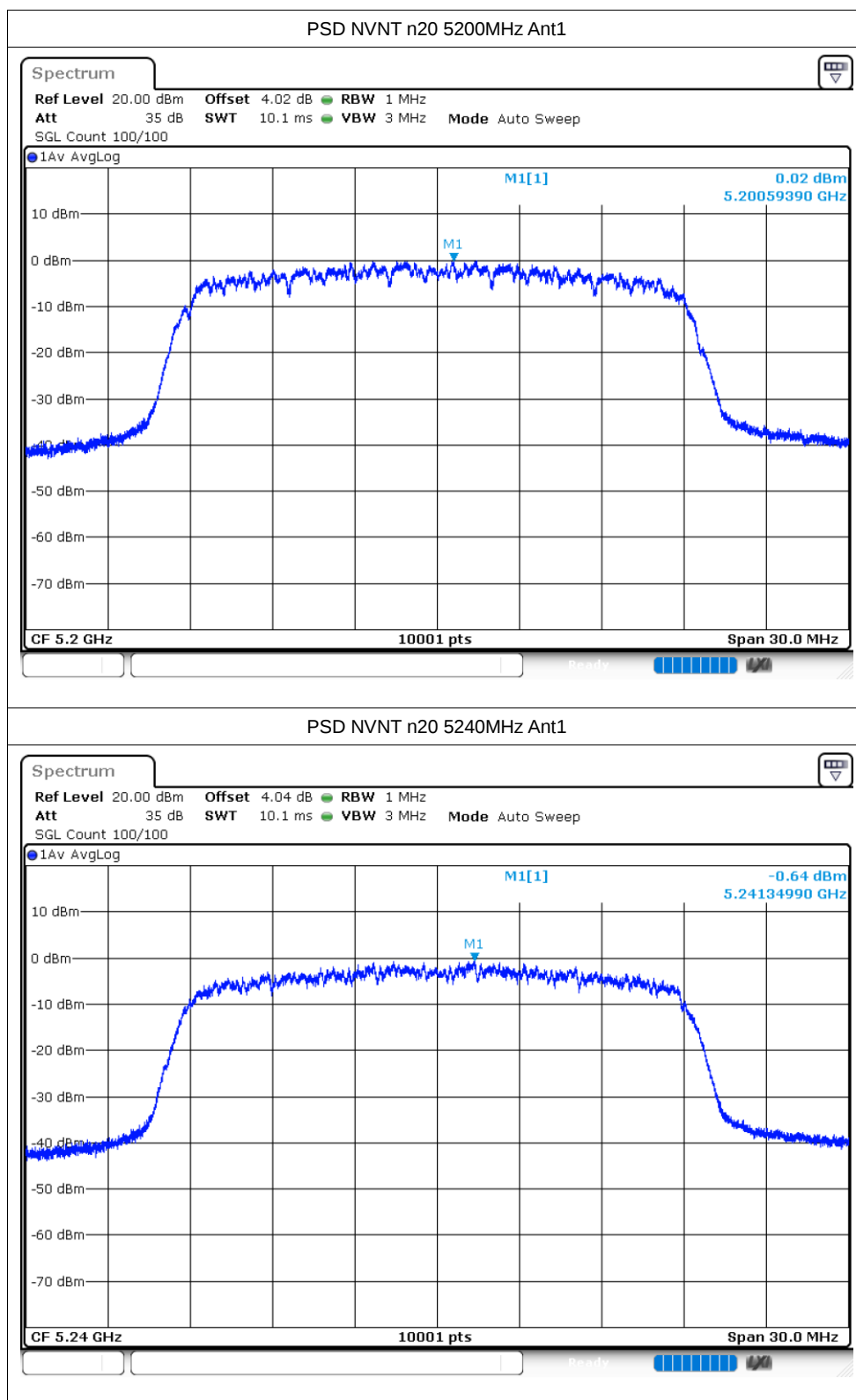
PSD NVNT a 5180MHz Ant1

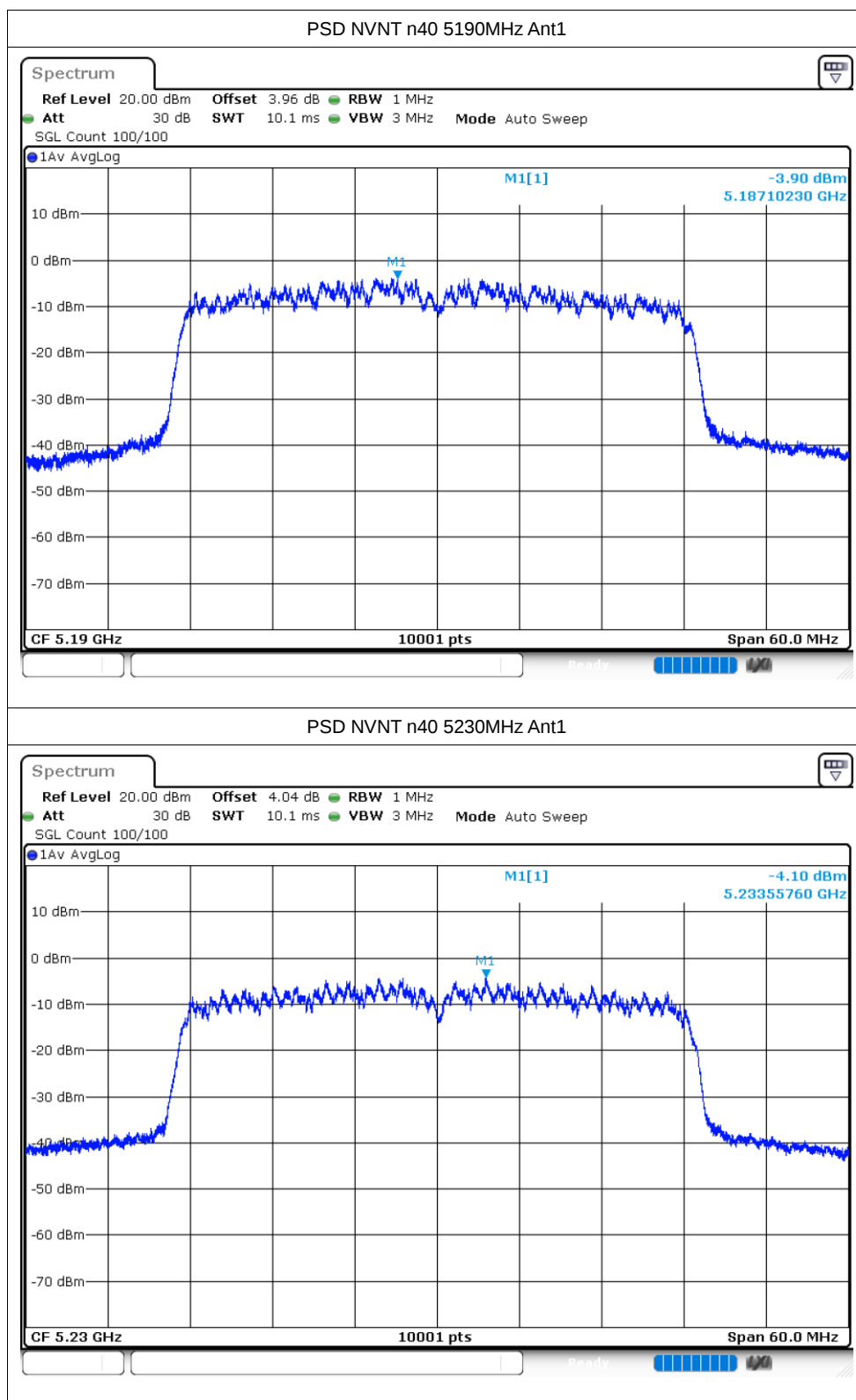


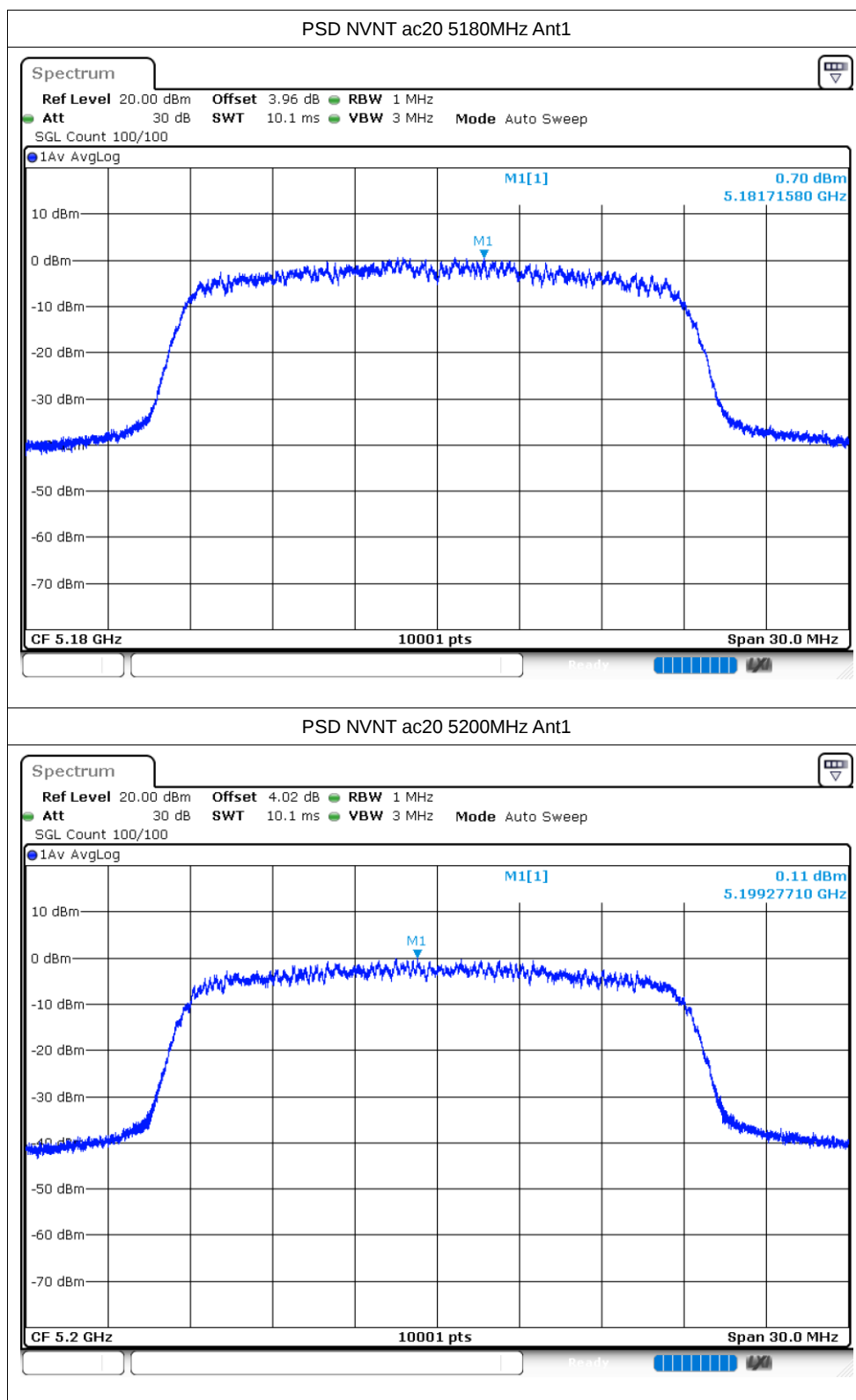
PSD NVNT a 5200MHz Ant1

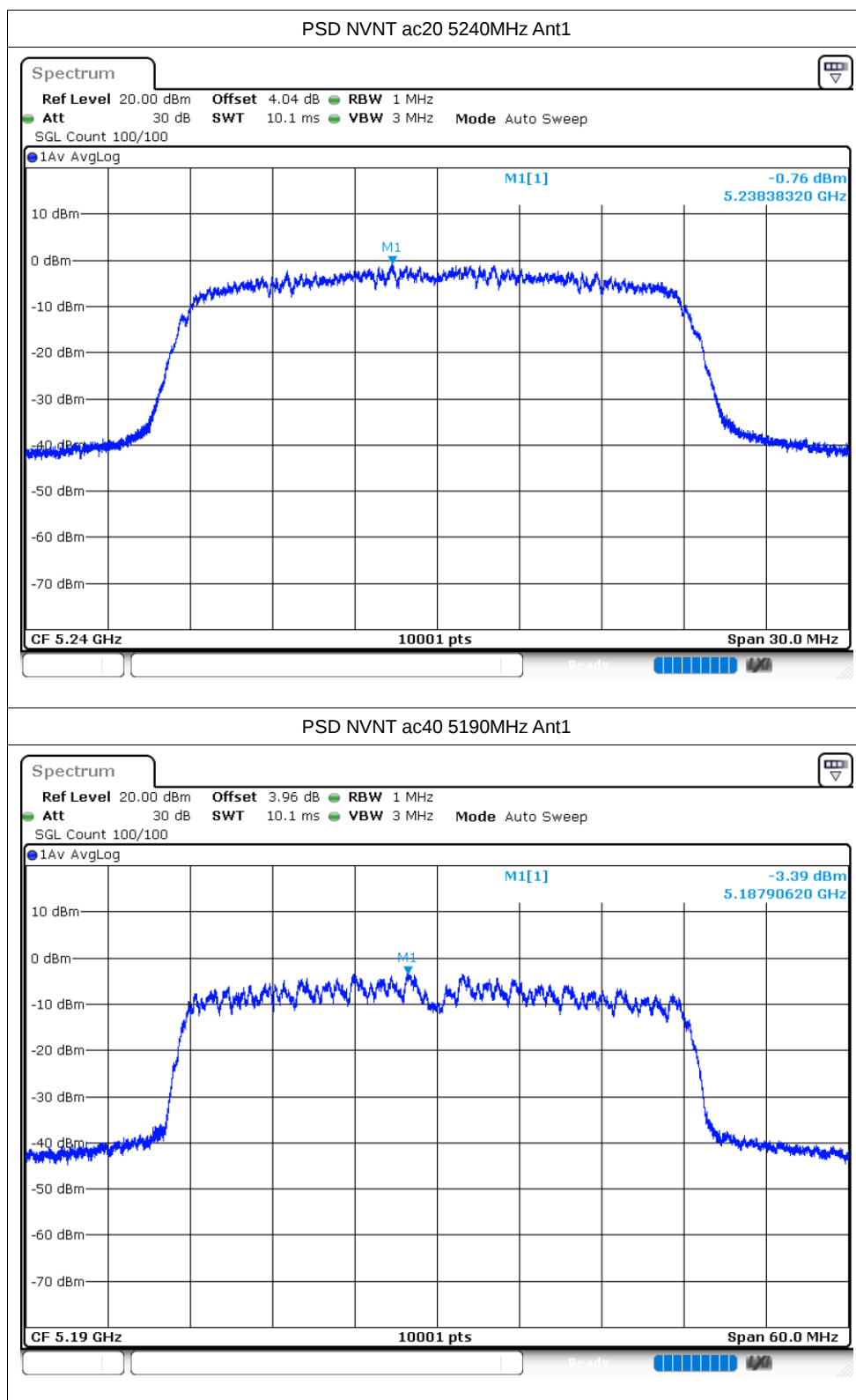


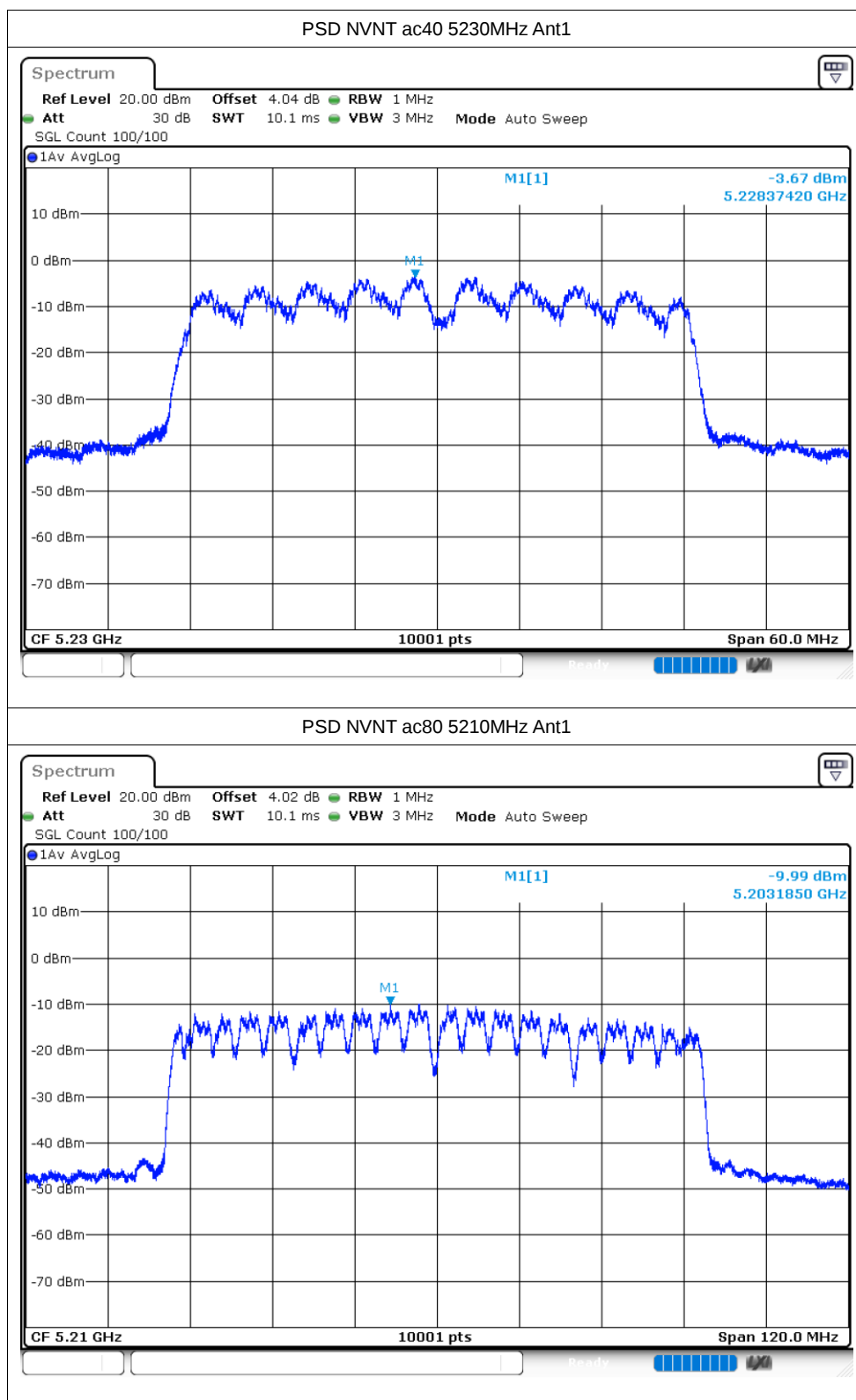










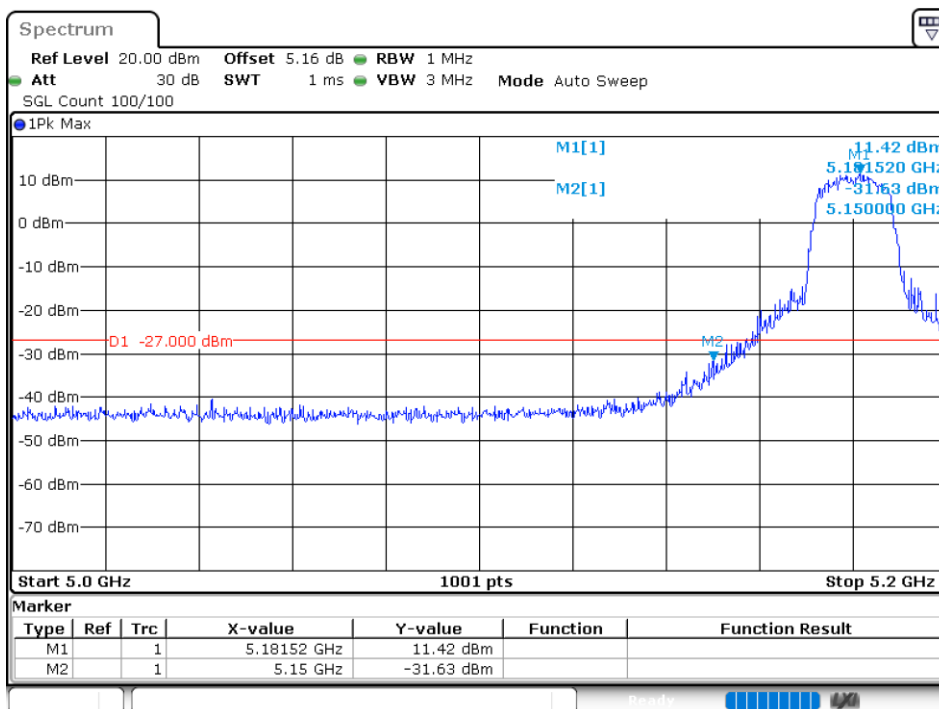


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-31.63	-27	Pass
NVNT	a	5240	Ant1	-41.01	-27	Pass
NVNT	n20	5180	Ant1	-29.29	-27	Pass
NVNT	n20	5240	Ant1	-41.32	-27	Pass
NVNT	n40	5190	Ant1	-27.19	-27	Pass
NVNT	n40	5230	Ant1	-41.09	-27	Pass
NVNT	ac20	5180	Ant1	-32.12	-27	Pass
NVNT	ac20	5240	Ant1	-41.34	-27	Pass
NVNT	ac40	5190	Ant1	-27.15	-27	Pass
NVNT	ac40	5230	Ant1	-41.79	-27	Pass
NVNT	ac80	5210	Ant1	-41.37	-27	Pass
NVNT	ac80	5210	Ant1	-30.68	-27	Pass

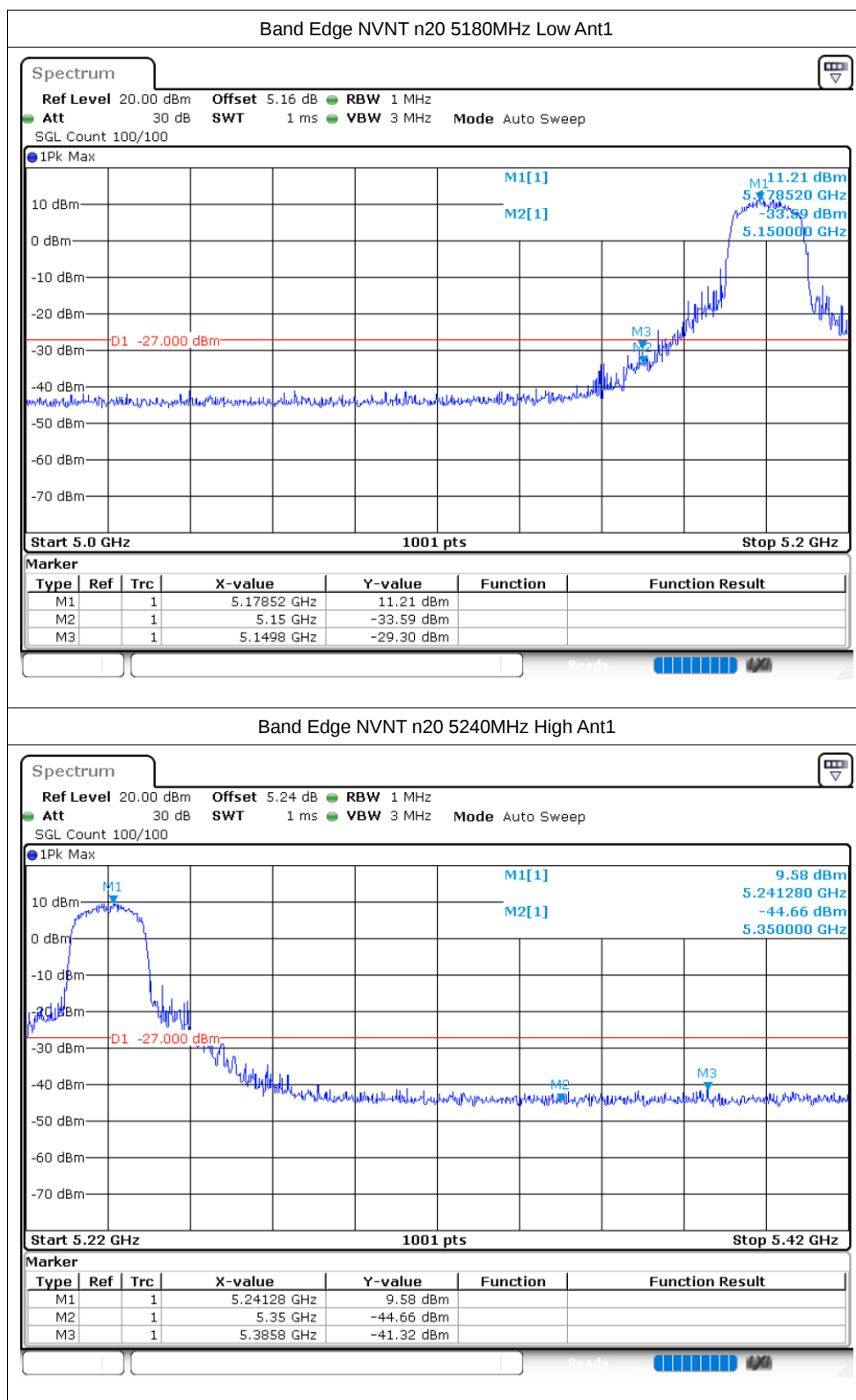
Test Graphs

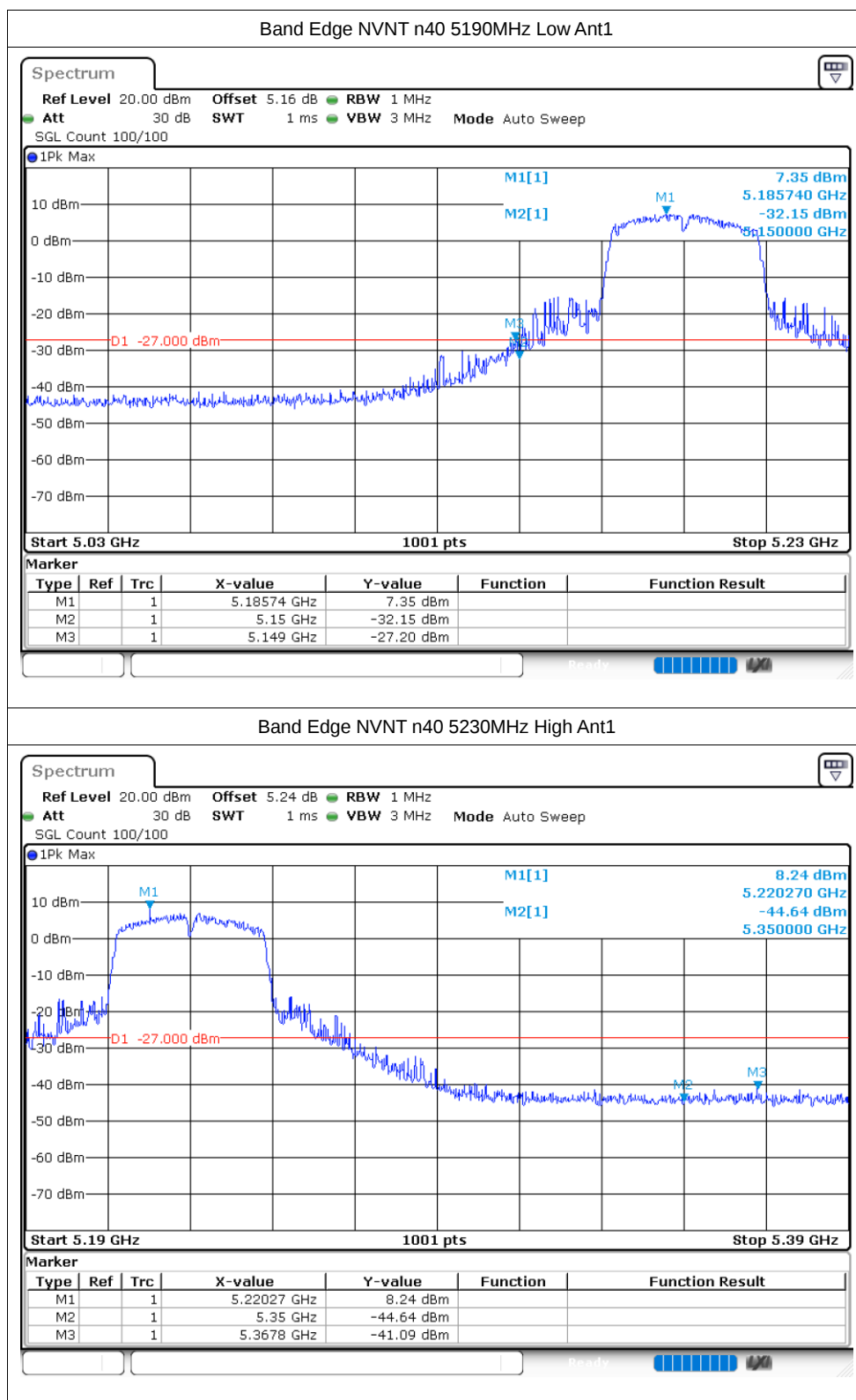
Band Edge NVNT a 5180MHz Low Ant1

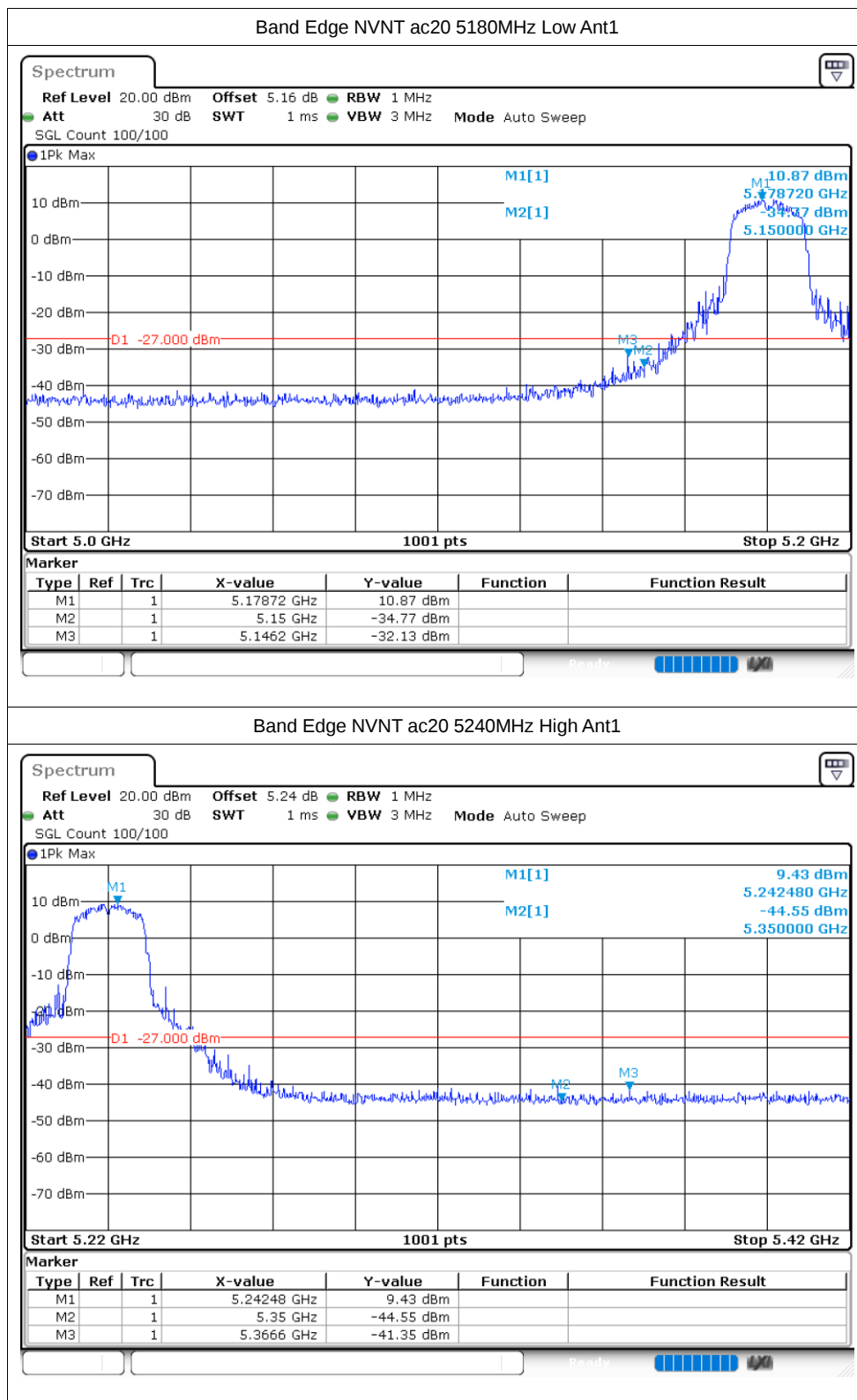


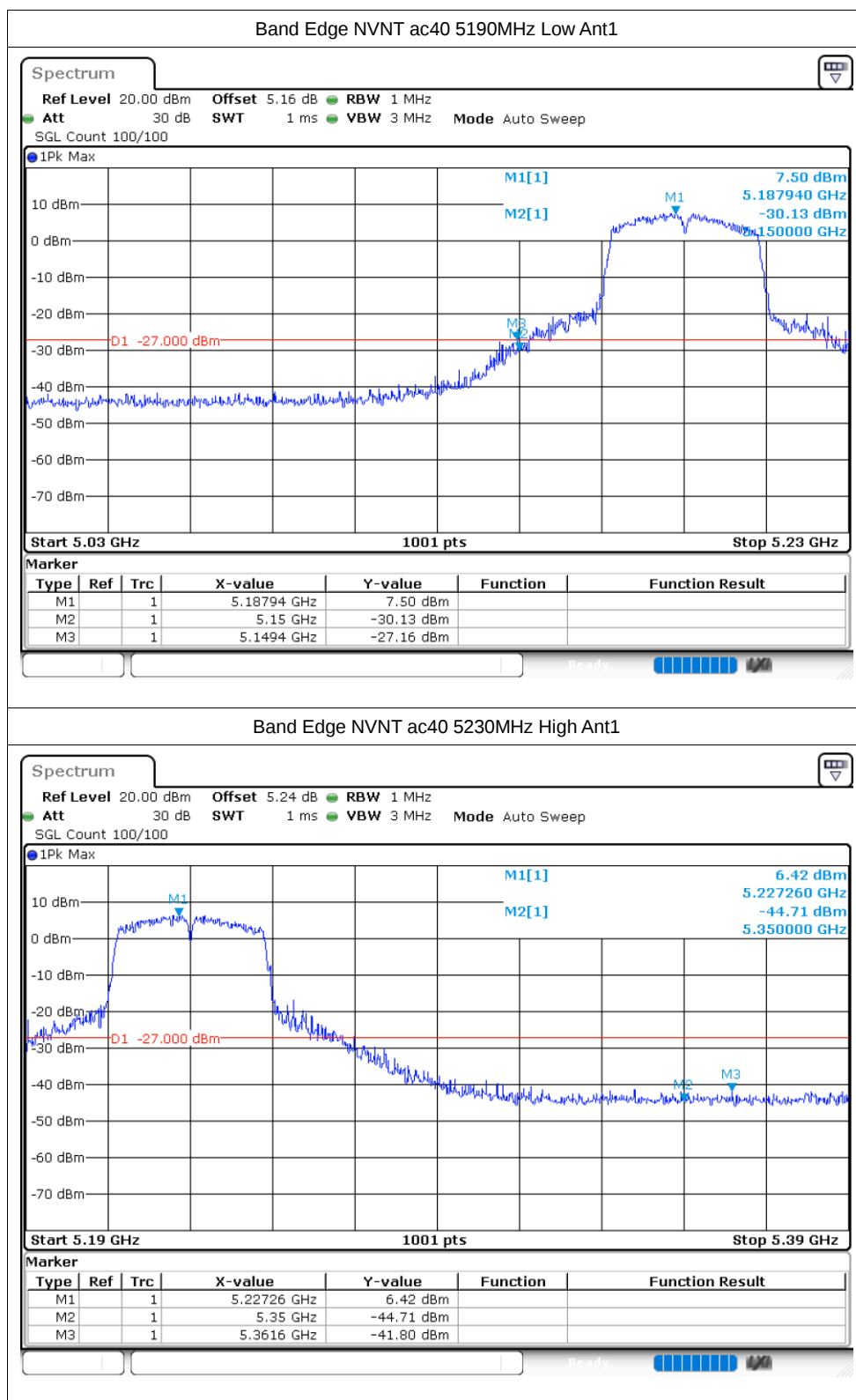
Band Edge NVNT a 5240MHz High Ant1

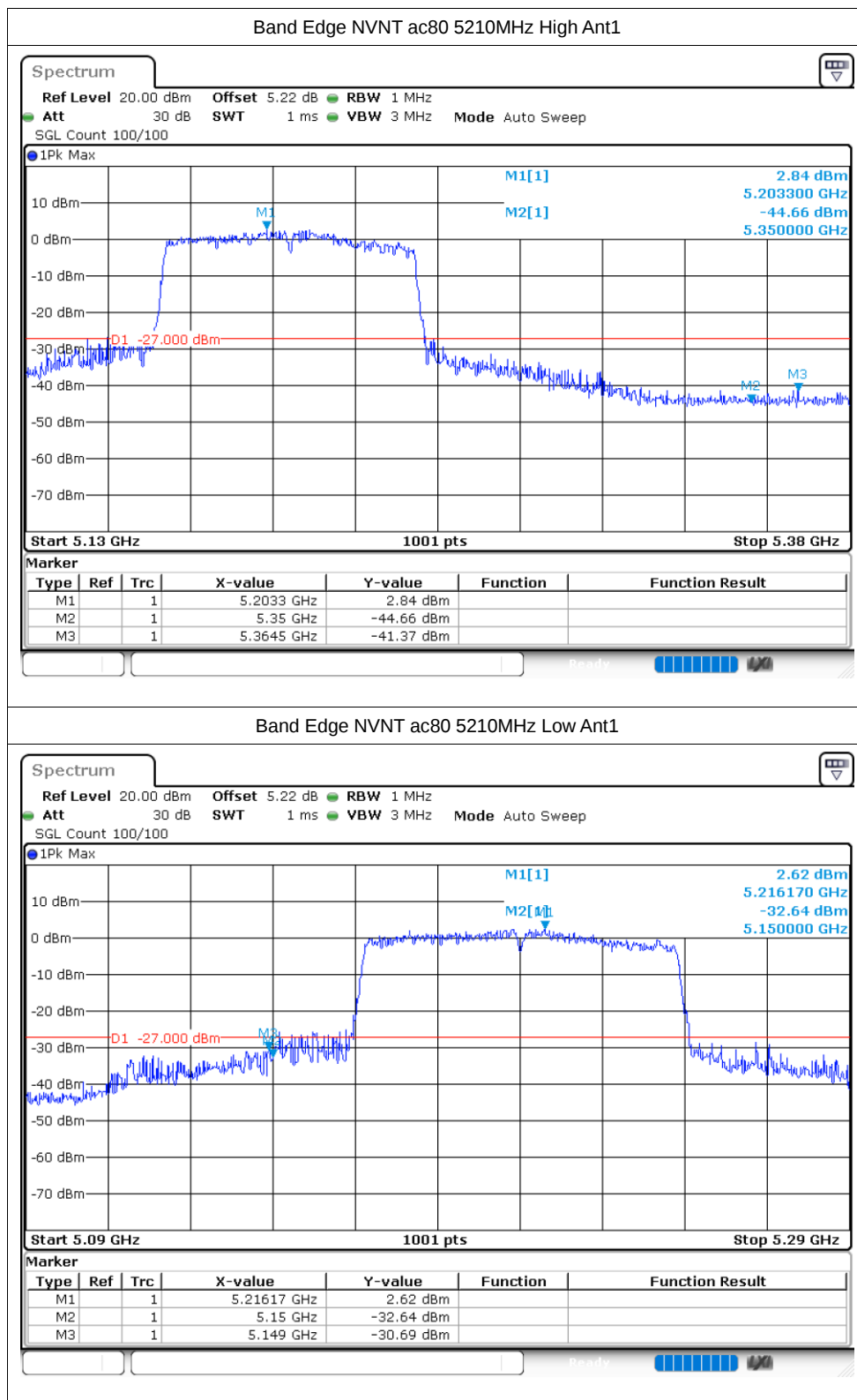












Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-30.86	-27	Pass
NVNT	a	5200	Ant1	-32.27	-27	Pass
NVNT	a	5240	Ant1	-32.18	-27	Pass
NVNT	n20	5180	Ant1	-32.5	-27	Pass
NVNT	n20	5200	Ant1	-33.03	-27	Pass
NVNT	n20	5240	Ant1	-31.77	-27	Pass
NVNT	n40	5190	Ant1	-32.63	-27	Pass
NVNT	n40	5230	Ant1	-33.21	-27	Pass
NVNT	ac20	5180	Ant1	-33.09	-27	Pass
NVNT	ac20	5200	Ant1	-32.77	-27	Pass
NVNT	ac20	5240	Ant1	-33.23	-27	Pass
NVNT	ac40	5190	Ant1	-33.2	-27	Pass
NVNT	ac40	5230	Ant1	-32.21	-27	Pass
NVNT	ac80	5210	Ant1	-32.47	-27	Pass

