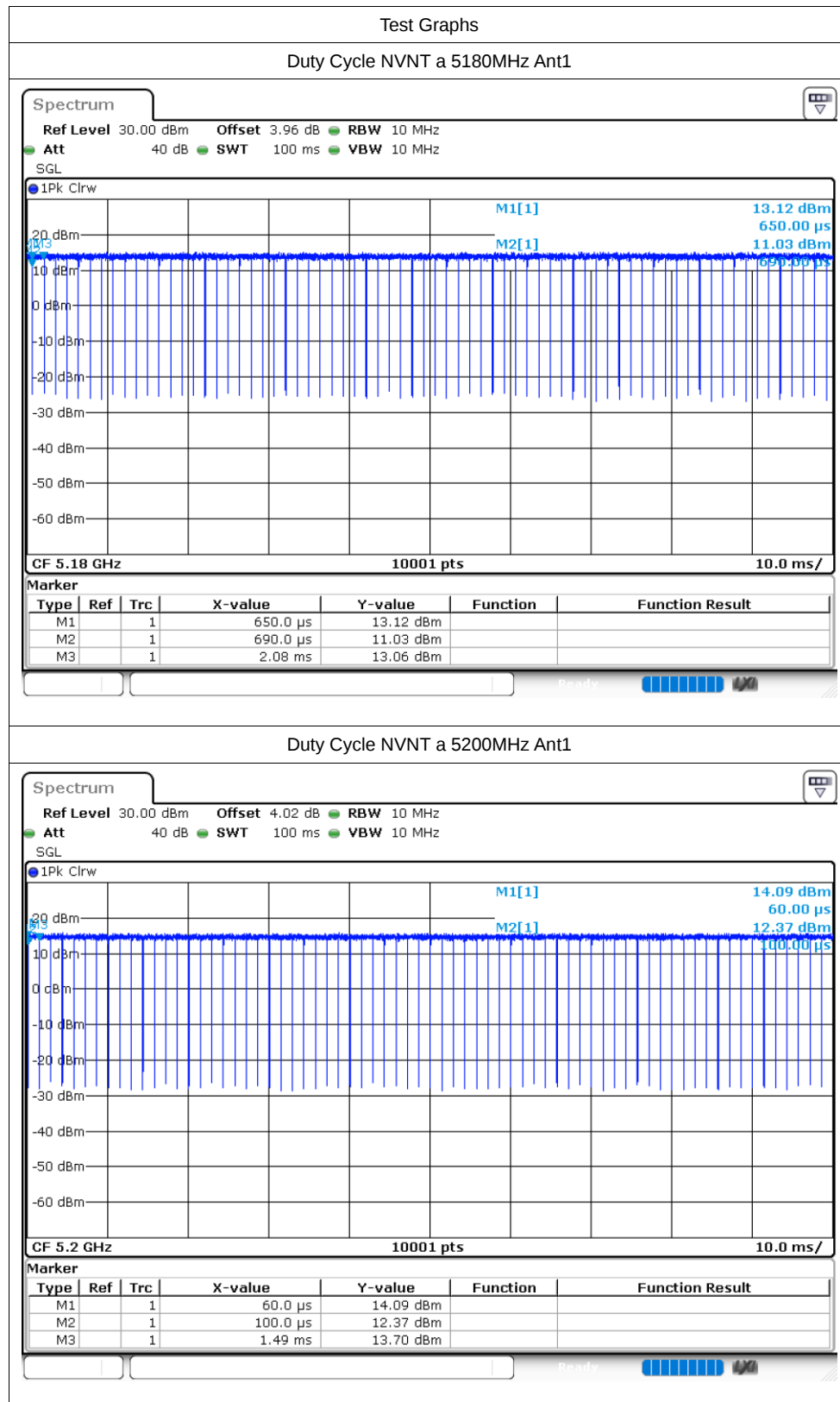
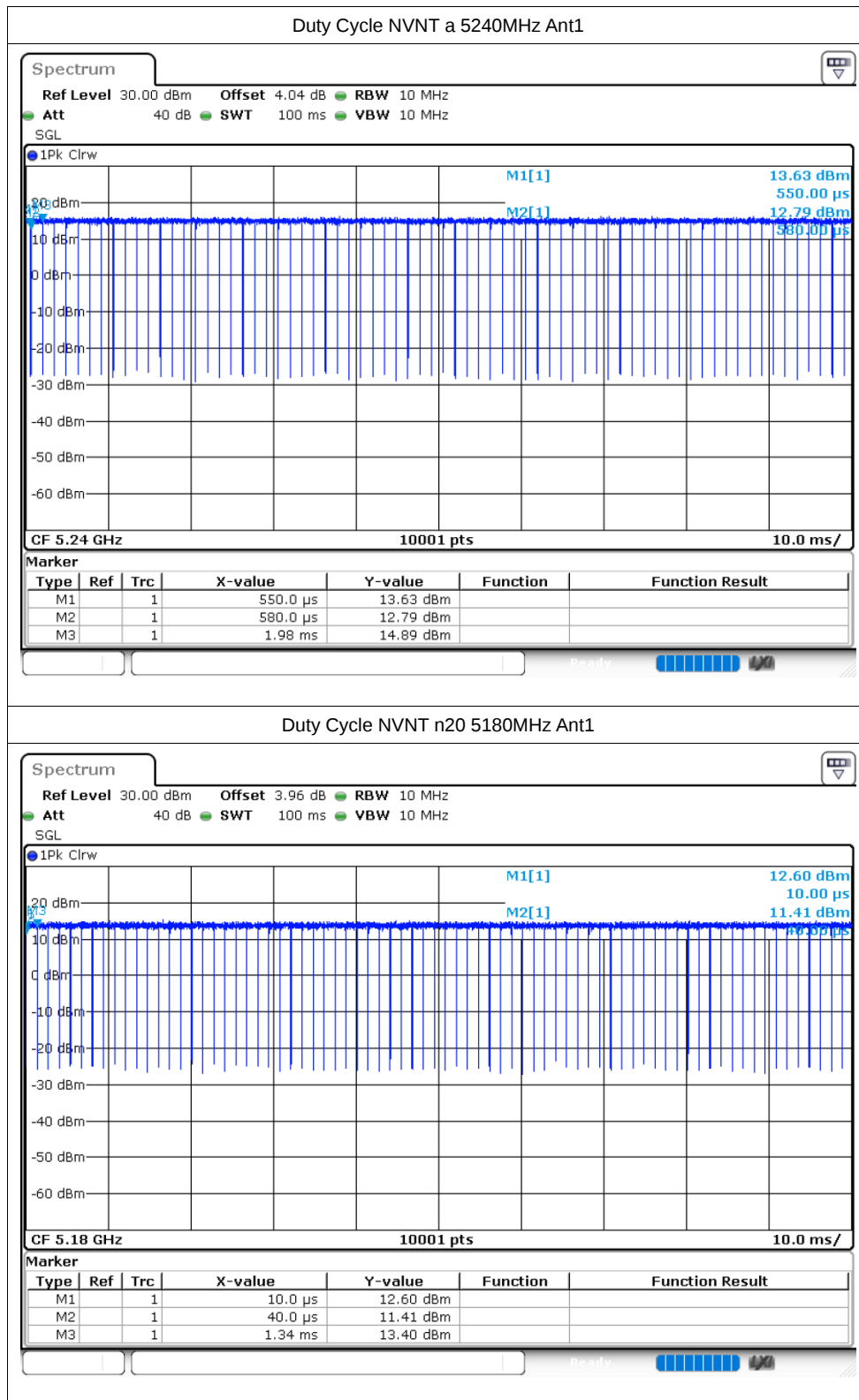


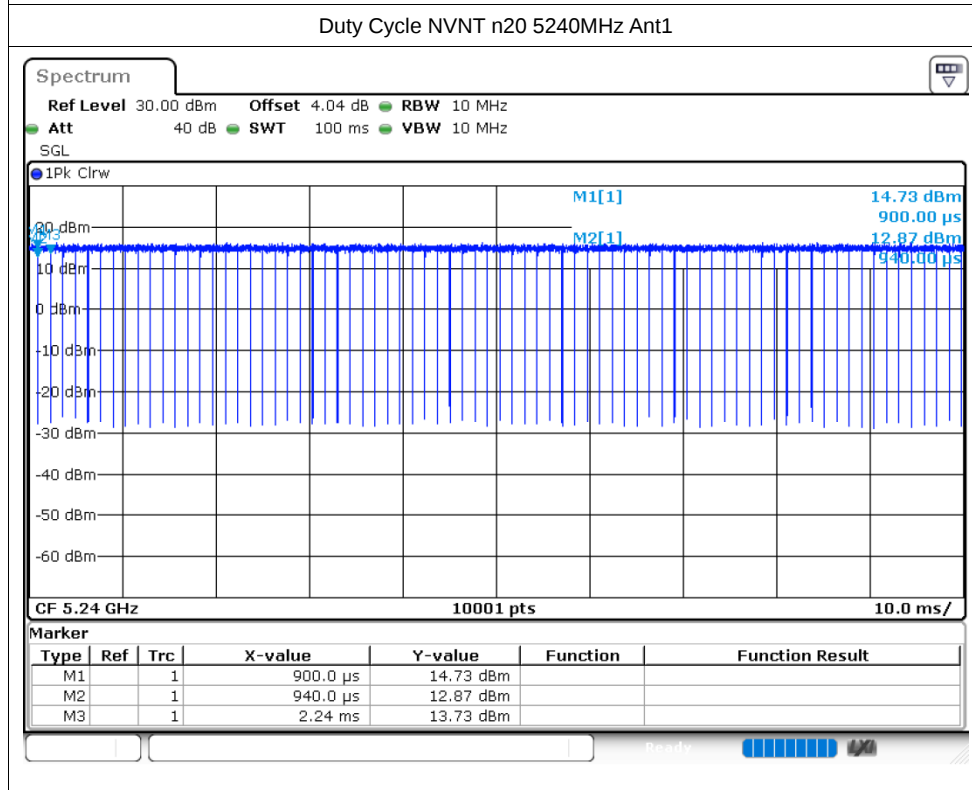
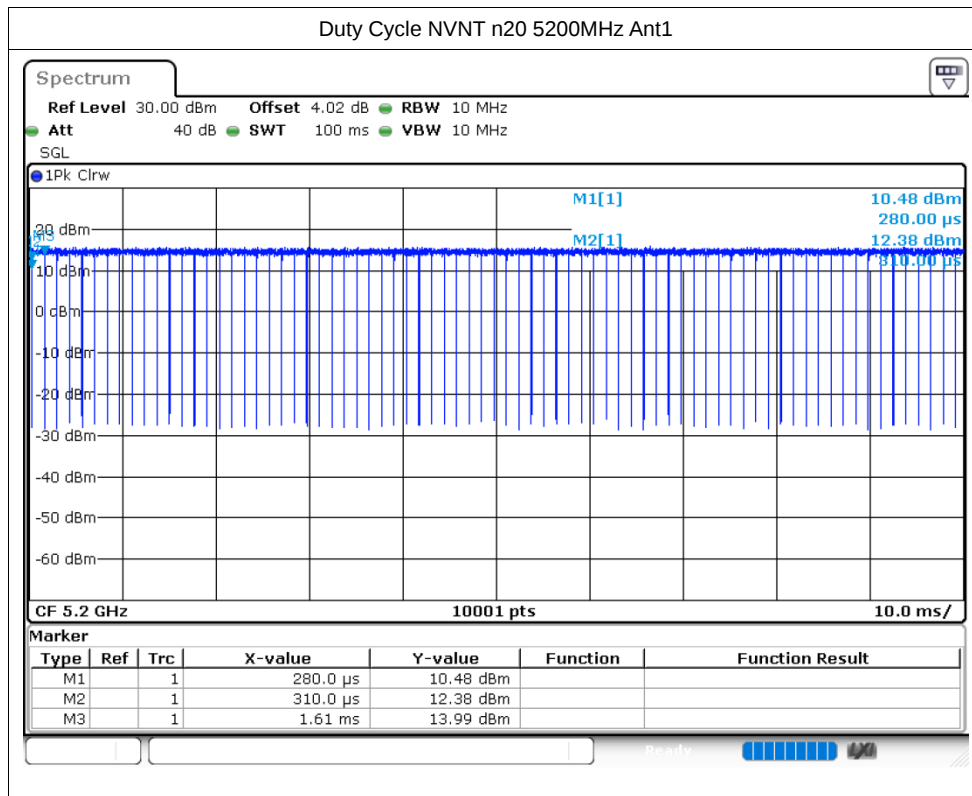
WIFI 5.2G:

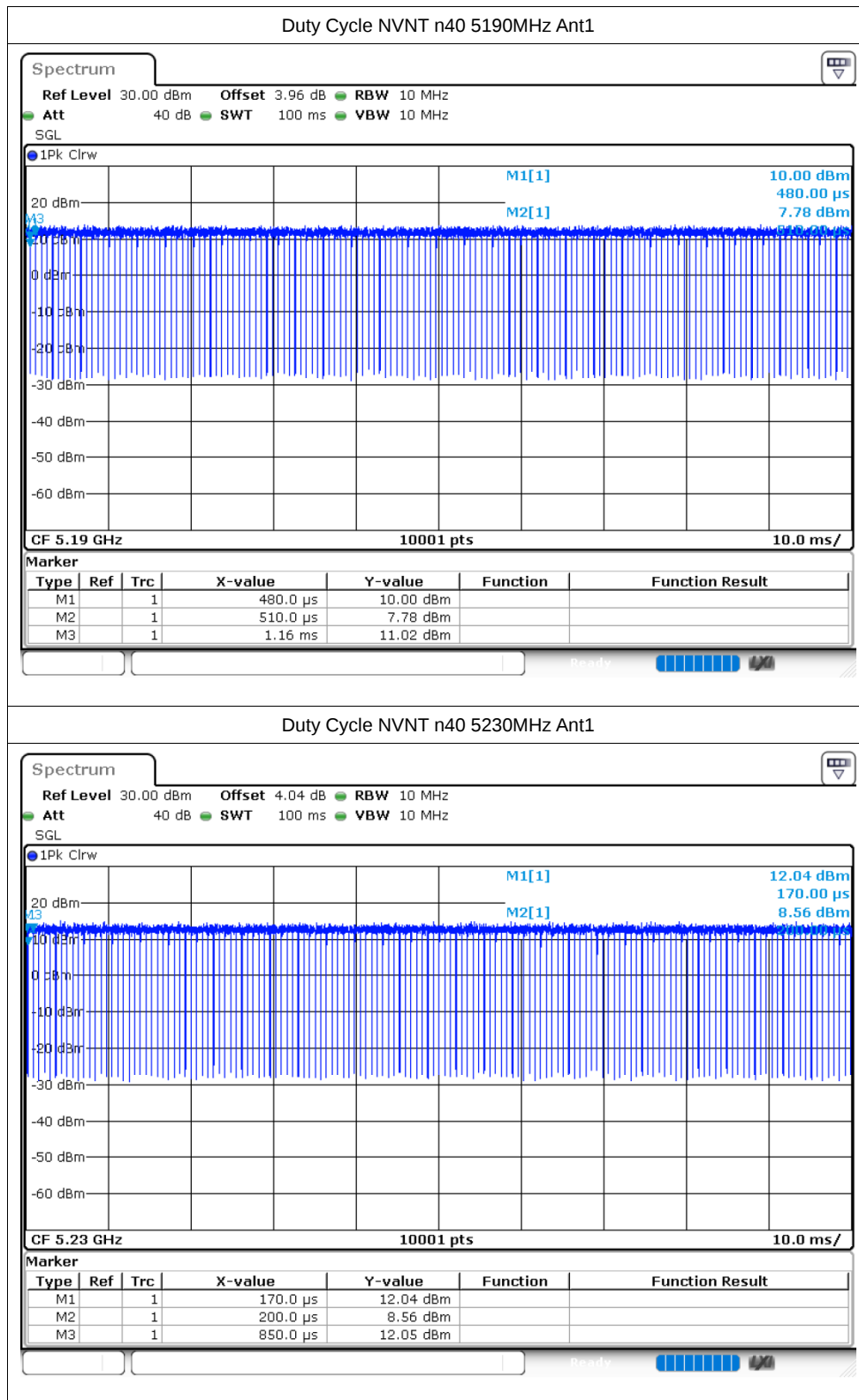
Duty Cycle

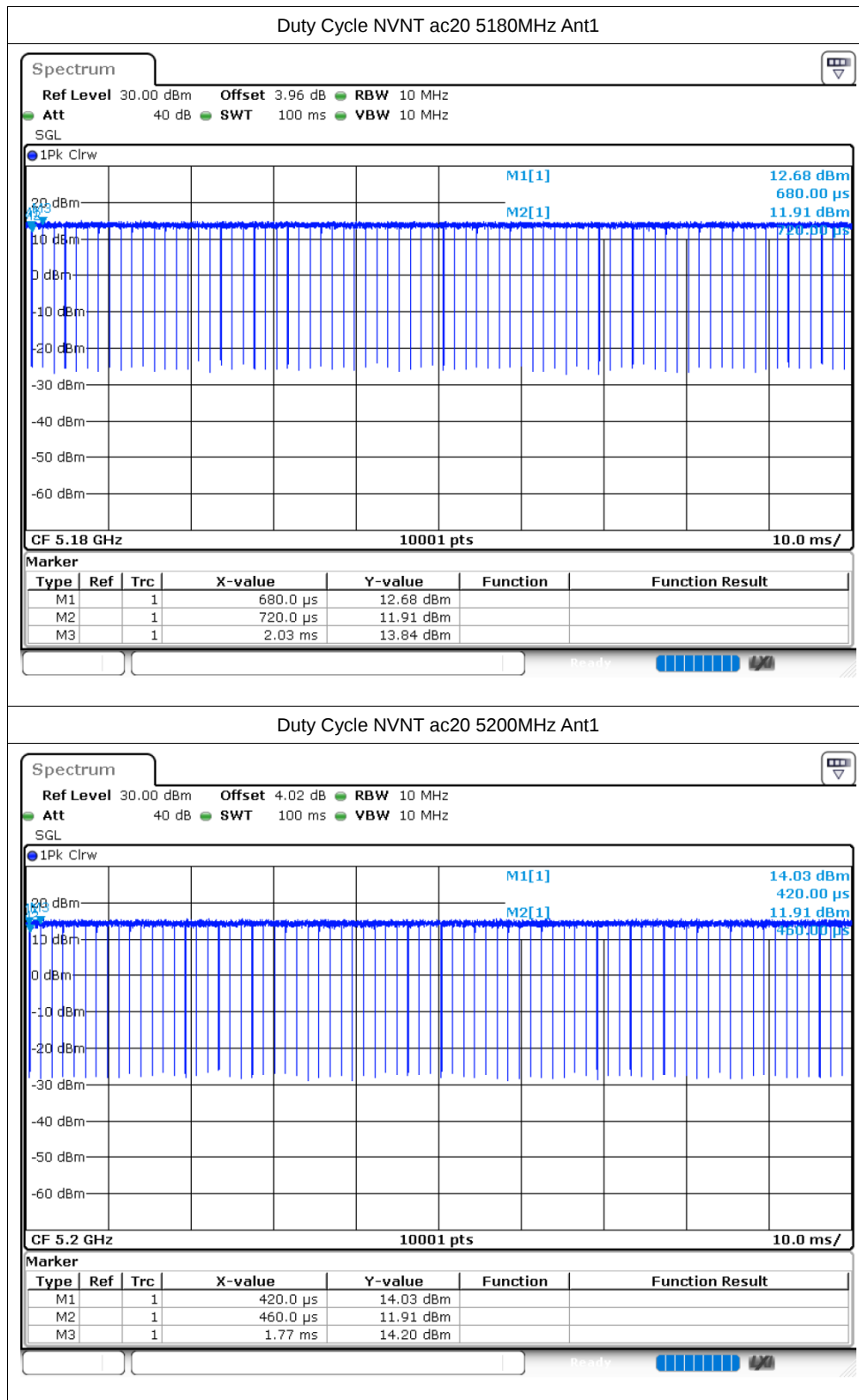
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	98.2	0.08	0.72
NVNT	a	5200	Ant1	98.2	0.08	0.72
NVNT	a	5240	Ant1	98.15	0.08	0.71
NVNT	n20	5180	Ant1	98.06	0.09	0.77
NVNT	n20	5200	Ant1	98.07	0.08	0.77
NVNT	n20	5240	Ant1	98.06	0.09	0.77
NVNT	n40	5190	Ant1	96.35	0.16	1.54
NVNT	n40	5230	Ant1	96.33	0.16	1.54
NVNT	ac20	5180	Ant1	98.04	0.09	0.76
NVNT	ac20	5200	Ant1	98.09	0.08	0.76
NVNT	ac20	5240	Ant1	98.08	0.08	0.76
NVNT	ac40	5190	Ant1	96.34	0.16	1.54
NVNT	ac40	5230	Ant1	96.35	0.16	1.54
NVNT	ac80	5210	Ant1	93.12	0.31	3.12

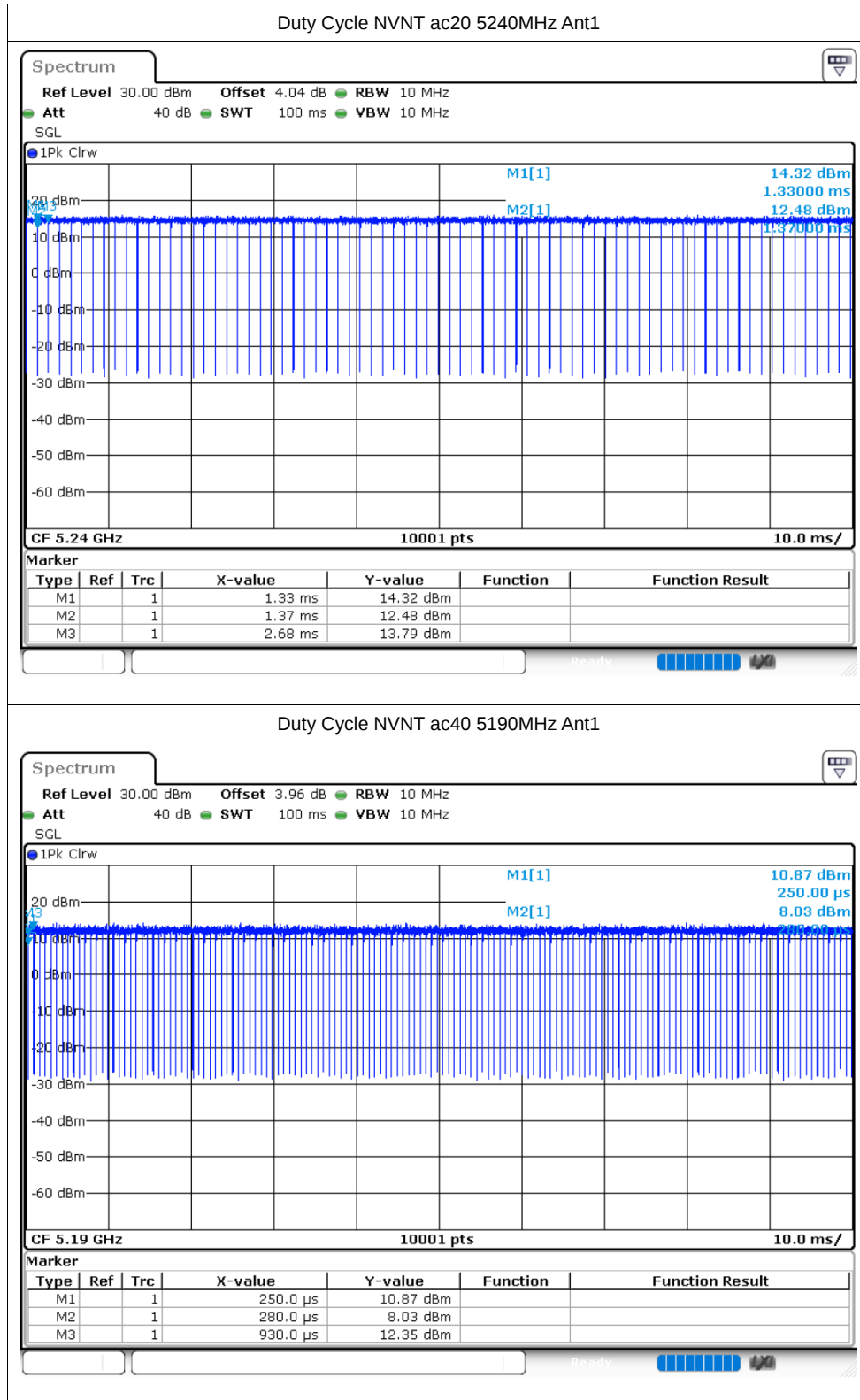


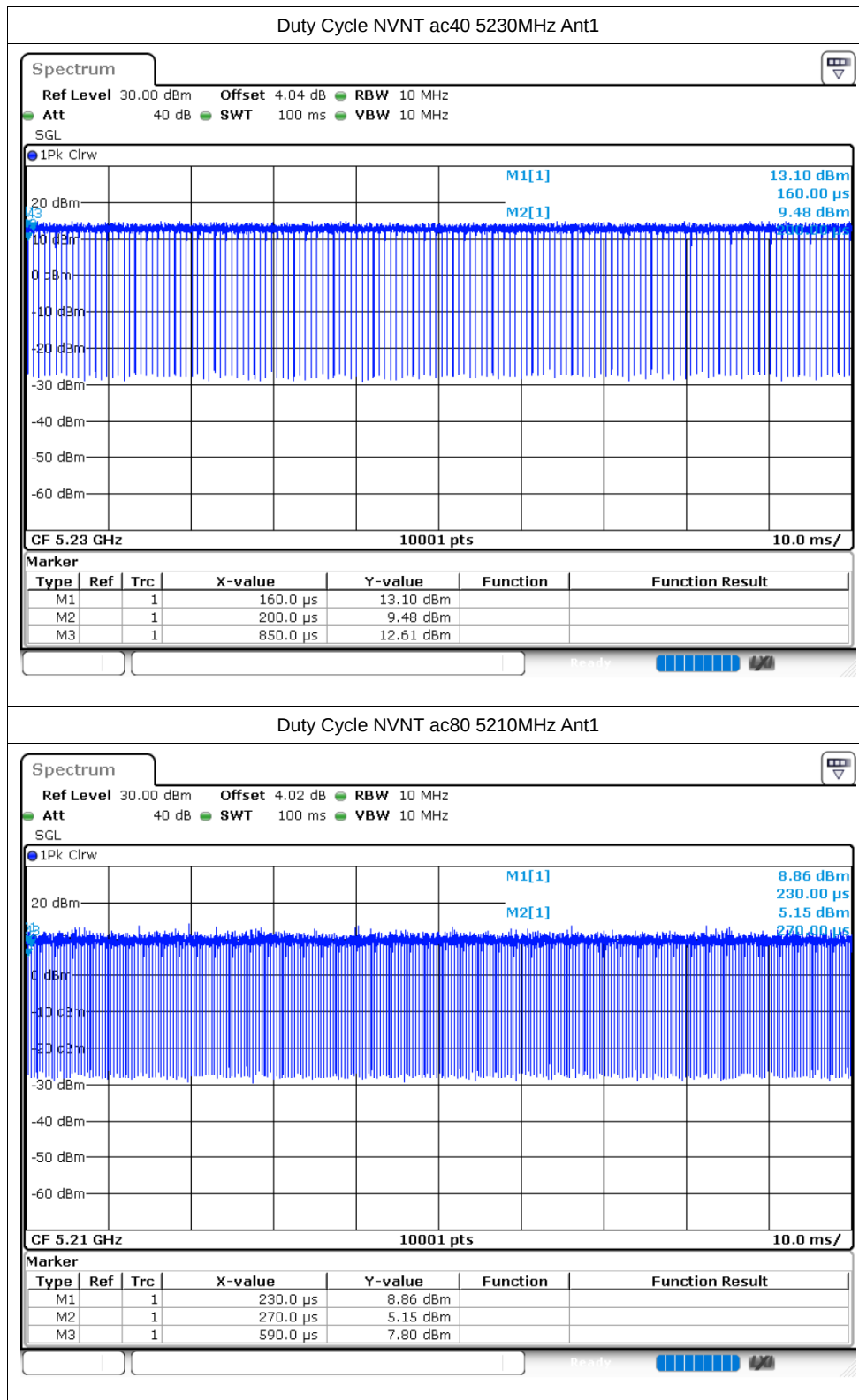












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.32	24	Pass
NVNT	a	5200	Ant1	11.27	24	Pass
NVNT	a	5240	Ant1	10.94	24	Pass
NVNT	n20	5180	Ant1	11.59	24	Pass
NVNT	n20	5200	Ant1	11.25	24	Pass
NVNT	n20	5240	Ant1	10.7	24	Pass
NVNT	n40	5190	Ant1	10.89	24	Pass
NVNT	n40	5230	Ant1	10.49	24	Pass
NVNT	ac20	5180	Ant1	11.71	24	Pass
NVNT	ac20	5200	Ant1	10.95	24	Pass
NVNT	ac20	5240	Ant1	10.5	24	Pass
NVNT	ac40	5190	Ant1	11.49	24	Pass
NVNT	ac40	5230	Ant1	10.74	24	Pass
NVNT	ac80	5210	Ant1	10.98	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	23.589	Pass
NVNT	a	5200	Ant1	24.498	Pass
NVNT	a	5240	Ant1	26.154	Pass
NVNT	n20	5180	Ant1	25.161	Pass
NVNT	n20	5200	Ant1	26.724	Pass
NVNT	n20	5240	Ant1	28.773	Pass
NVNT	n40	5190	Ant1	70.52	Pass
NVNT	n40	5230	Ant1	71.272	Pass
NVNT	ac20	5180	Ant1	26.634	Pass
NVNT	ac20	5200	Ant1	24.168	Pass
NVNT	ac20	5240	Ant1	28.593	Pass
NVNT	ac40	5190	Ant1	70.512	Pass
NVNT	ac40	5230	Ant1	68.112	Pass
NVNT	ac80	5210	Ant1	119.1	Pass

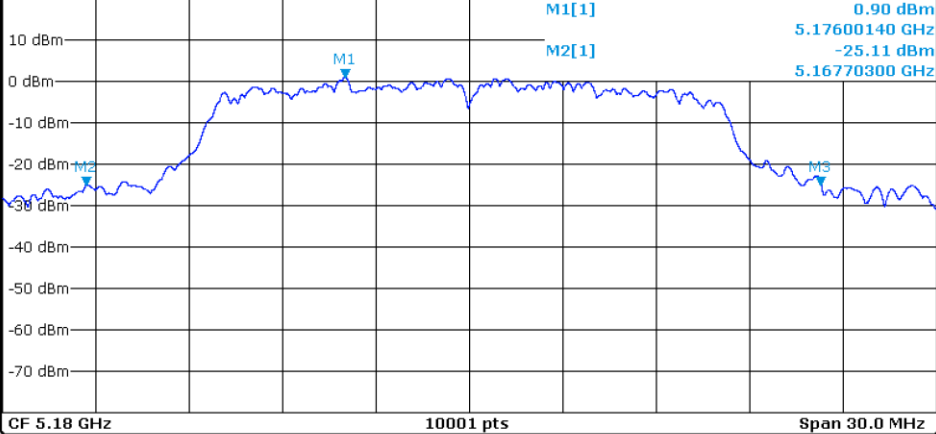
Test Graphs

-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

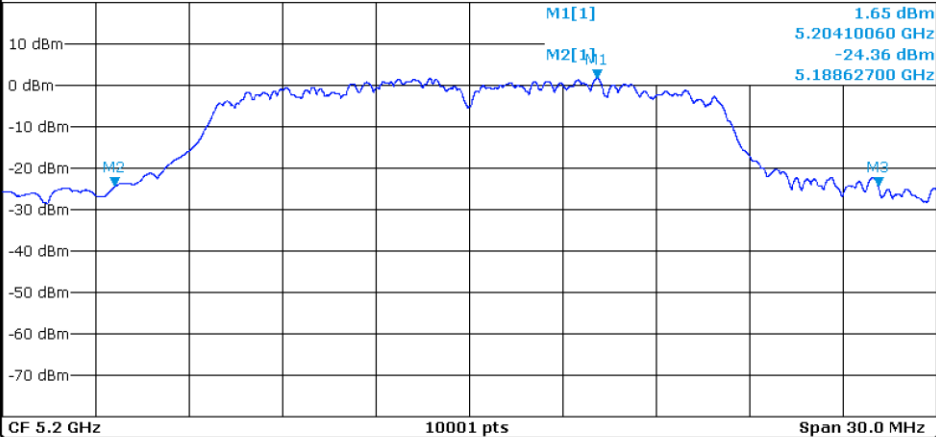
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.1760014 GHz	0.90 dBm		
M2	1		5.167703 GHz	-25.11 dBm		
M3	1		5.191292 GHz	-25.05 dBm		

-26dB Bandwidth NVNT a 5200MHz Ant1

Spectrum

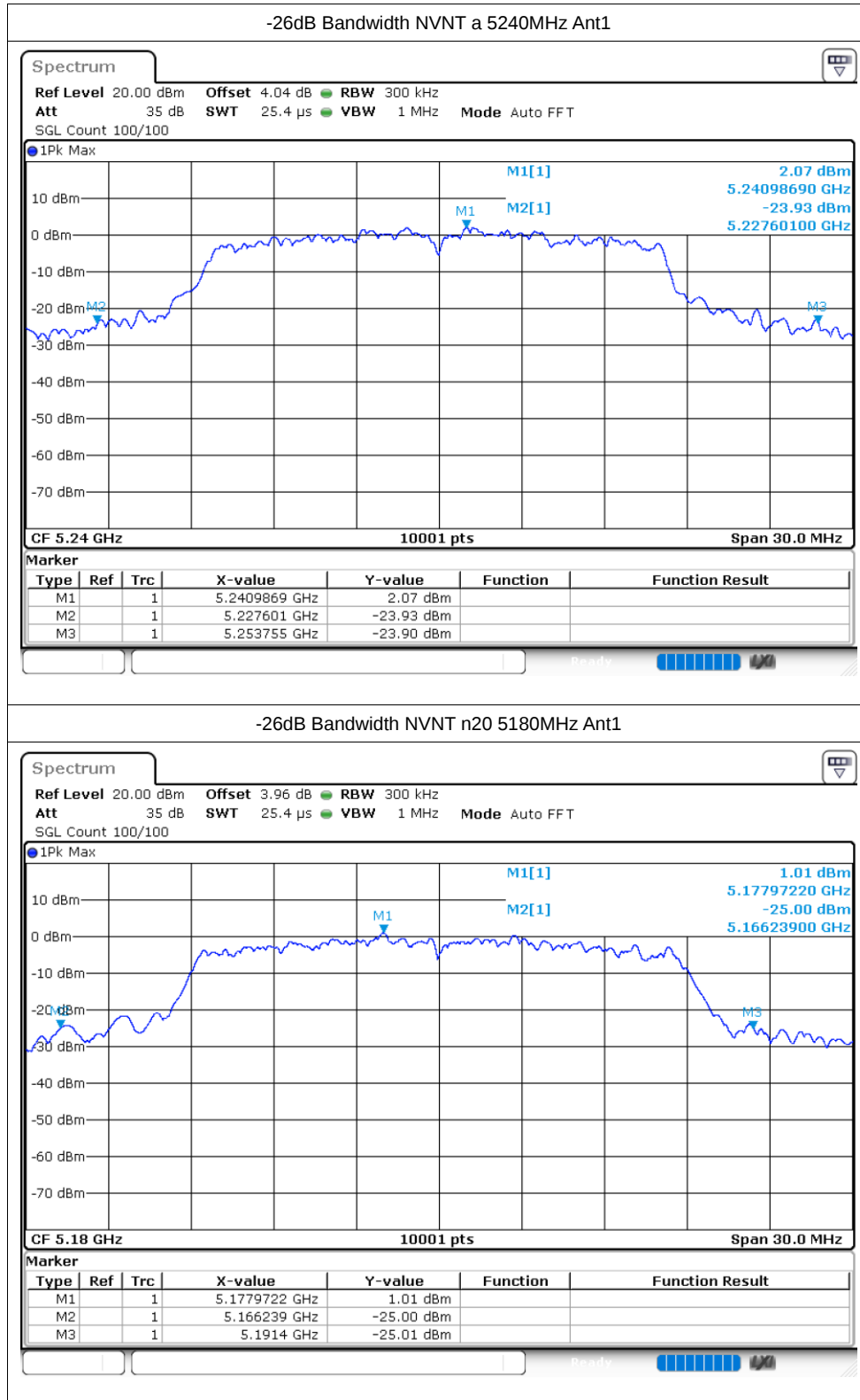
Ref Level 20.00 dBm Offset 4.02 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

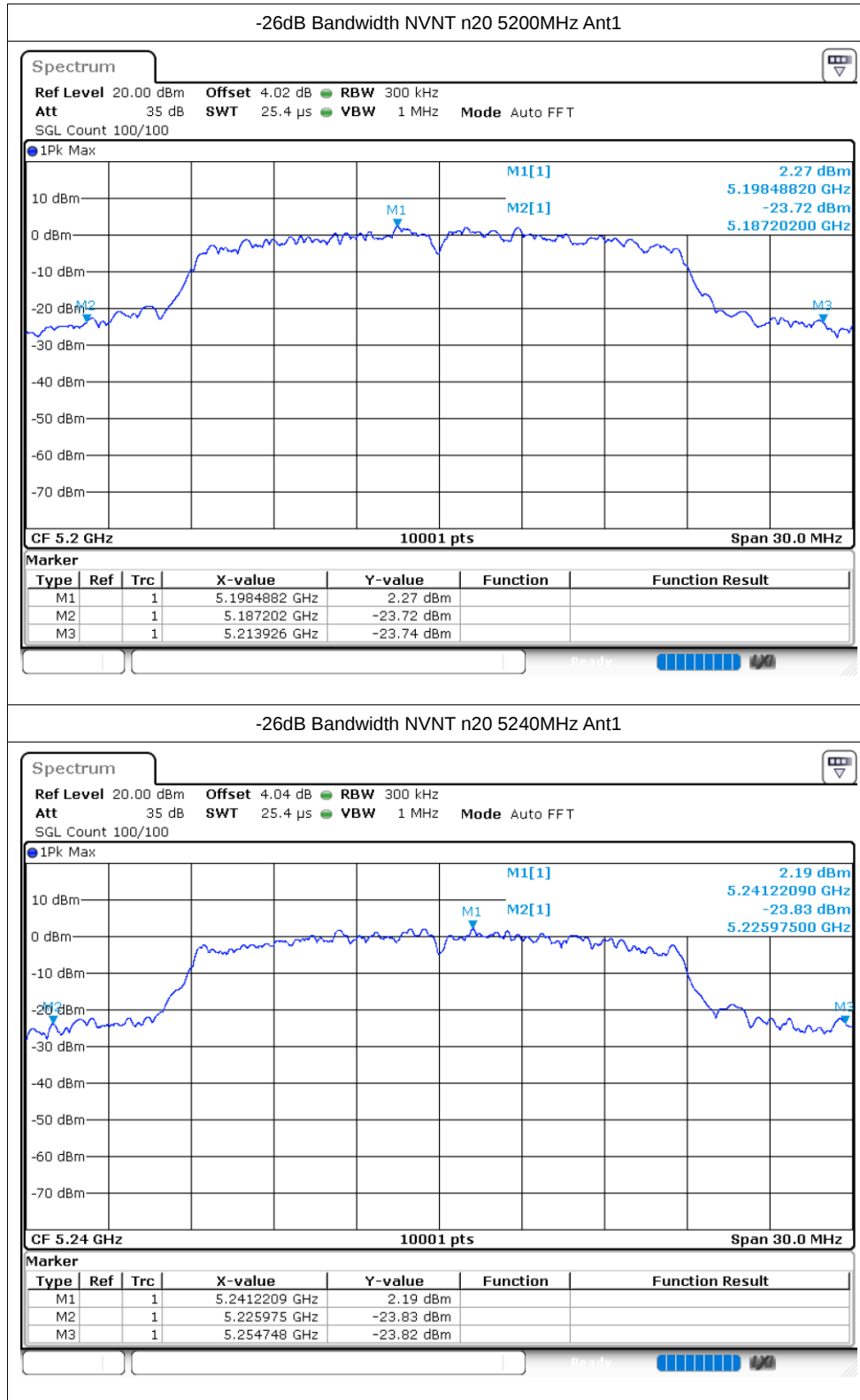
1Pk Max

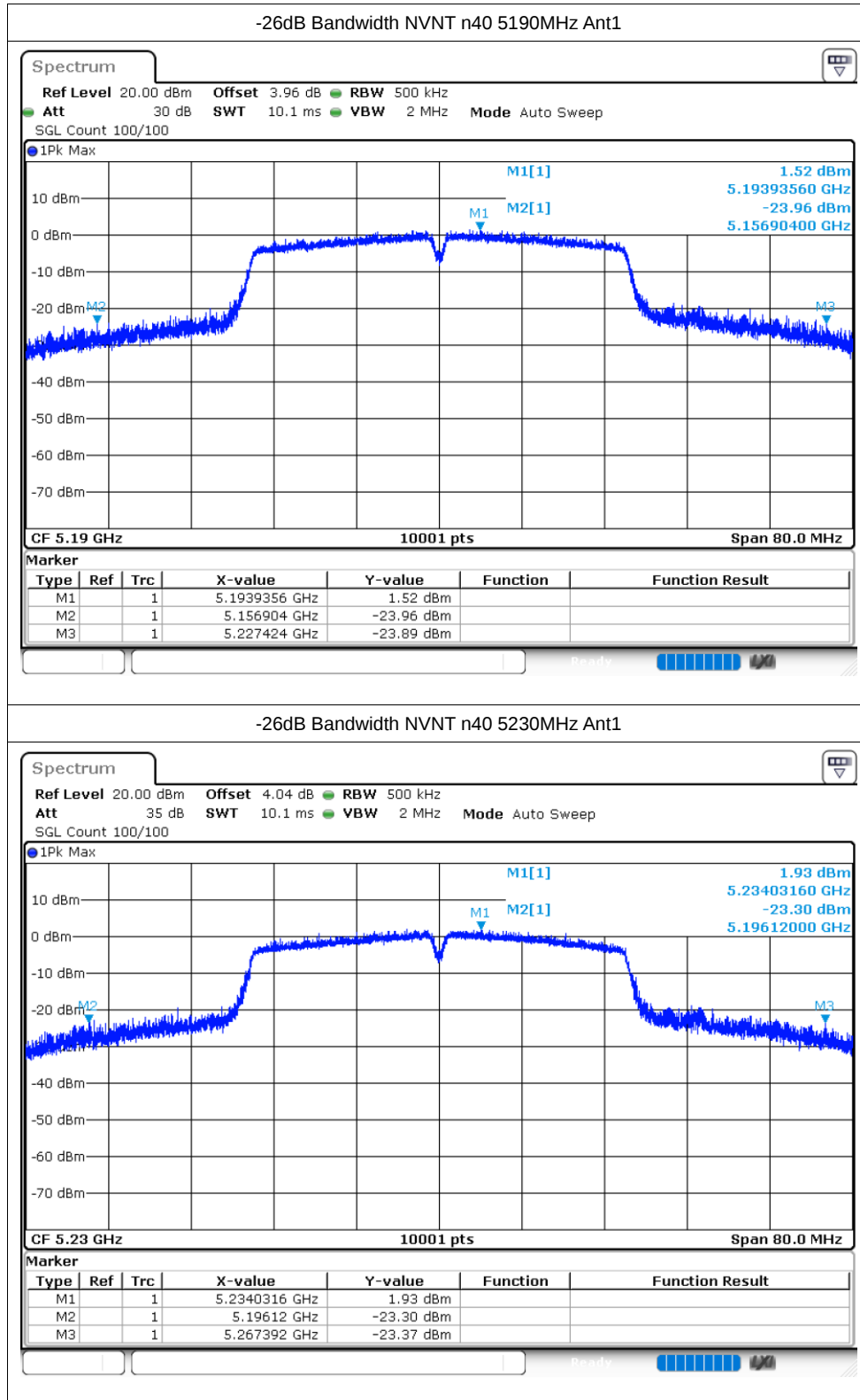


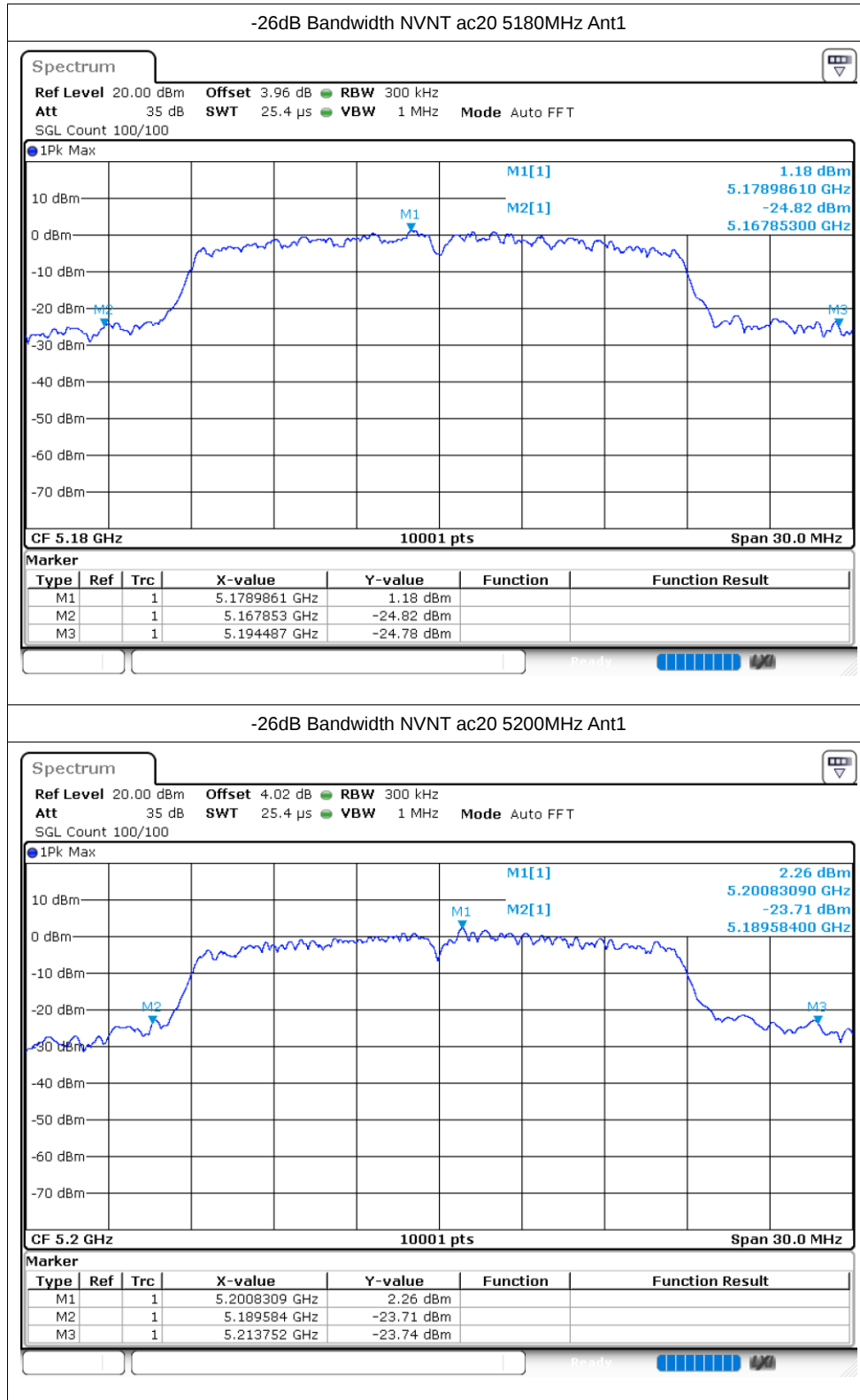
Marker

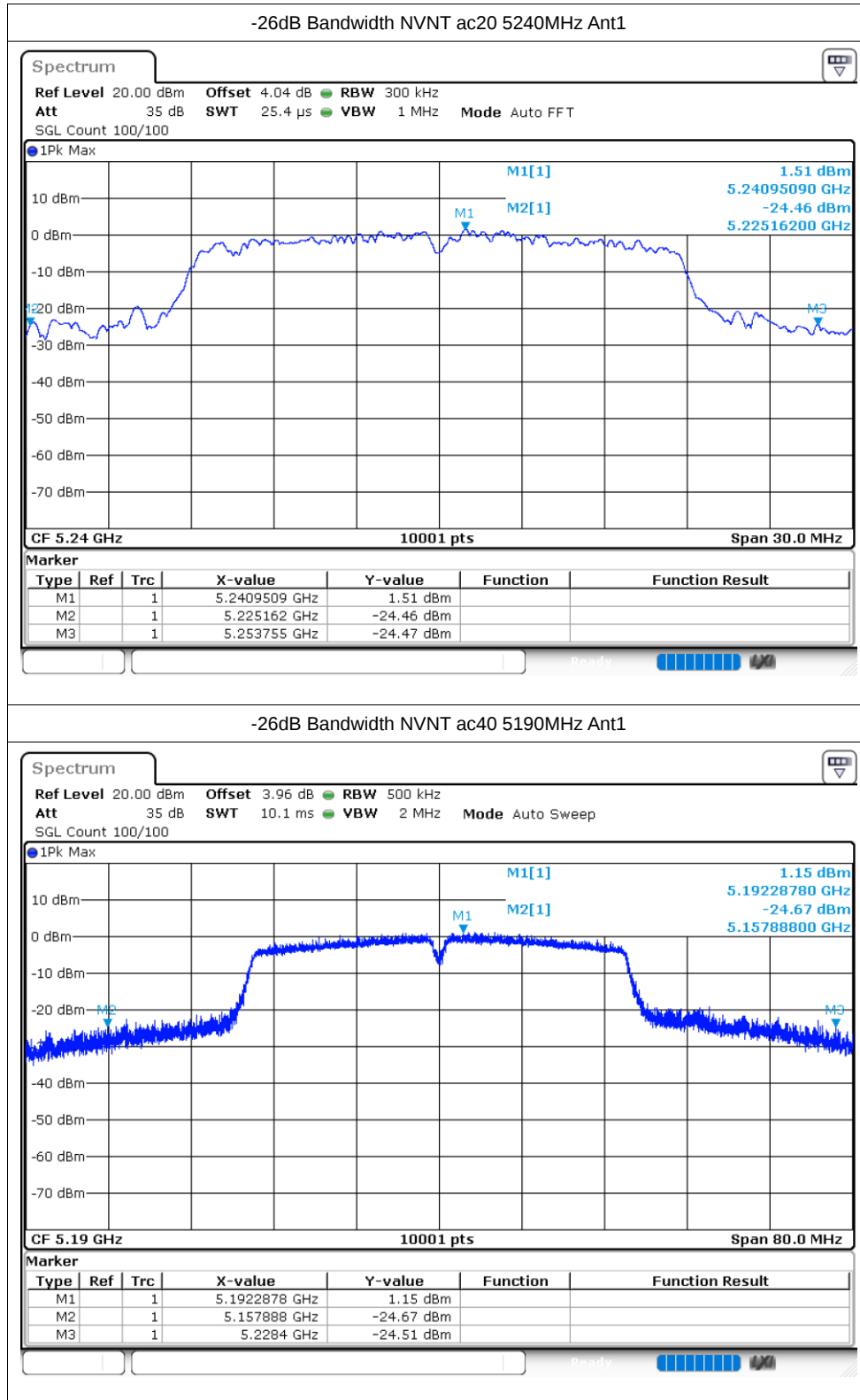
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.2041006 GHz	1.65 dBm		
M2	1		5.188627 GHz	-24.36 dBm		
M3	1		5.213125 GHz	-24.30 dBm		

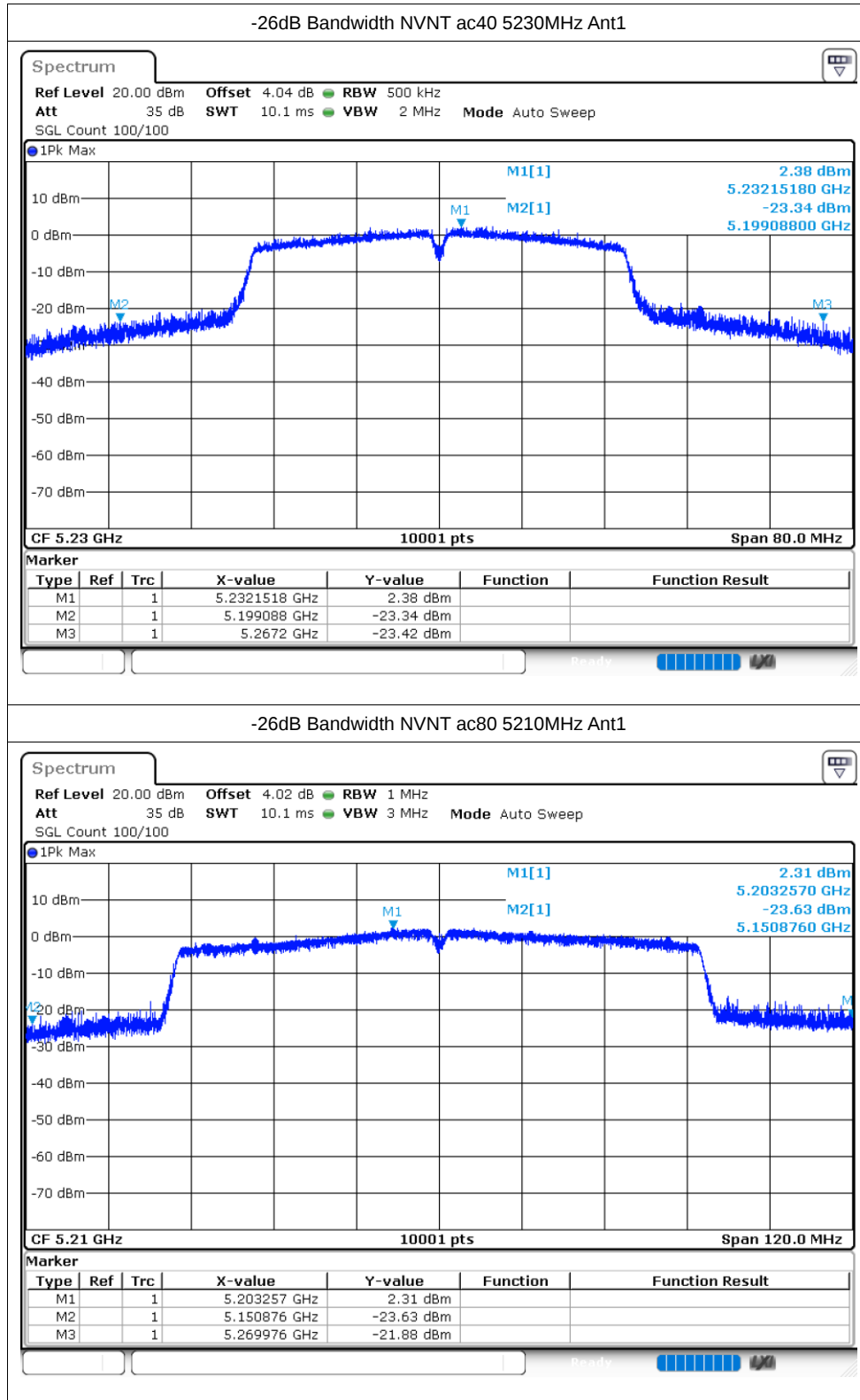










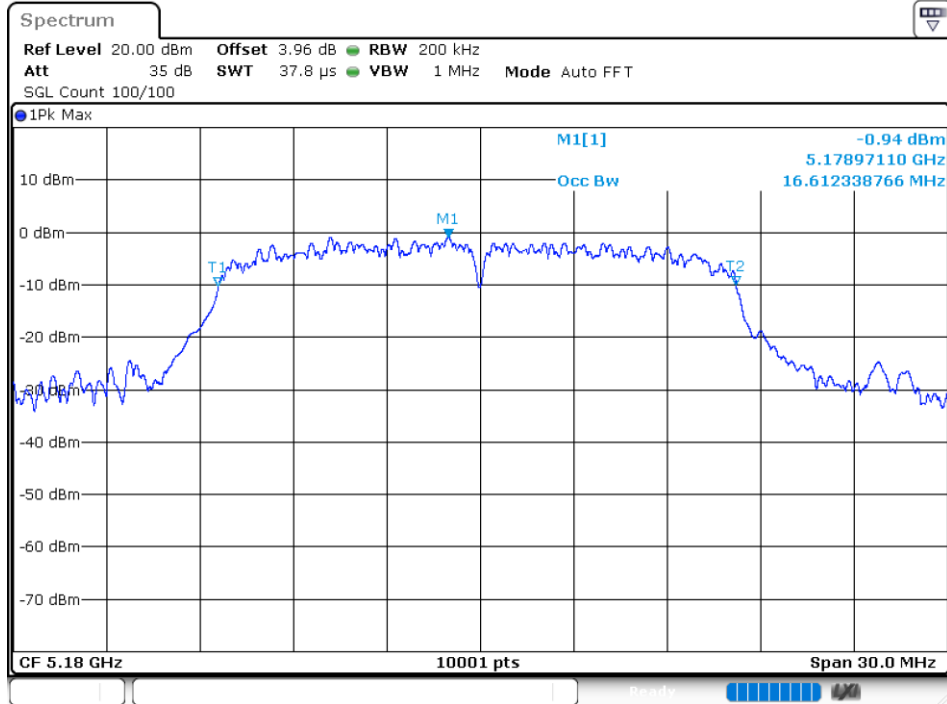


Occupied Channel Bandwidth

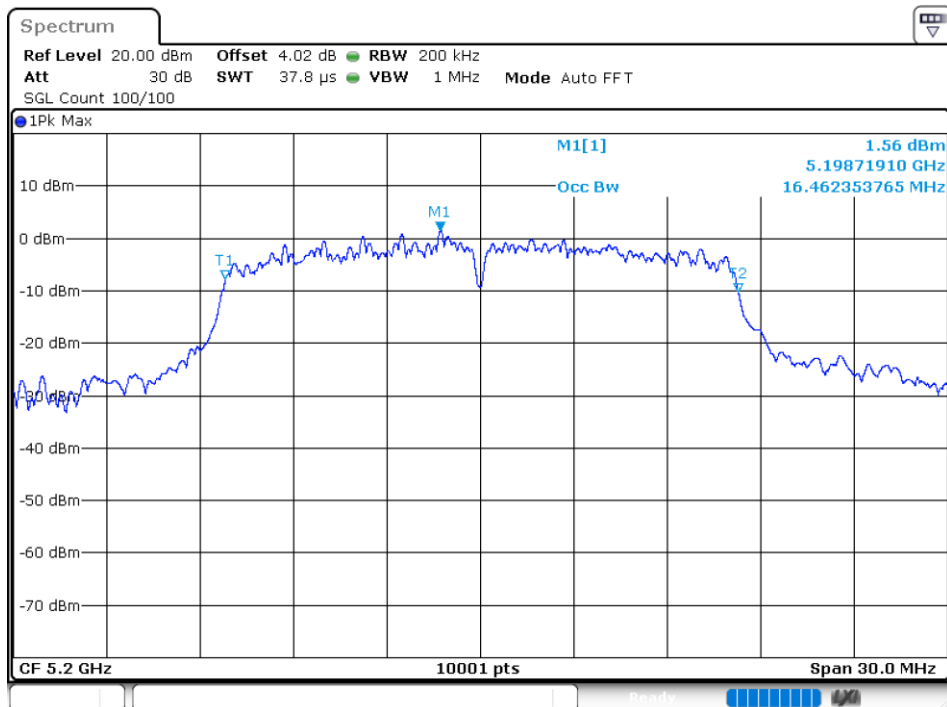
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.612
NVNT	a	5200	Ant1	16.462
NVNT	a	5240	Ant1	16.747
NVNT	n20	5180	Ant1	17.695
NVNT	n20	5200	Ant1	17.719
NVNT	n20	5240	Ant1	17.731
NVNT	n40	5190	Ant1	36.398
NVNT	n40	5230	Ant1	36.32
NVNT	ac20	5180	Ant1	17.629
NVNT	ac20	5200	Ant1	17.59
NVNT	ac20	5240	Ant1	17.605
NVNT	ac40	5190	Ant1	36.476
NVNT	ac40	5230	Ant1	36.338
NVNT	ac80	5210	Ant1	75.592

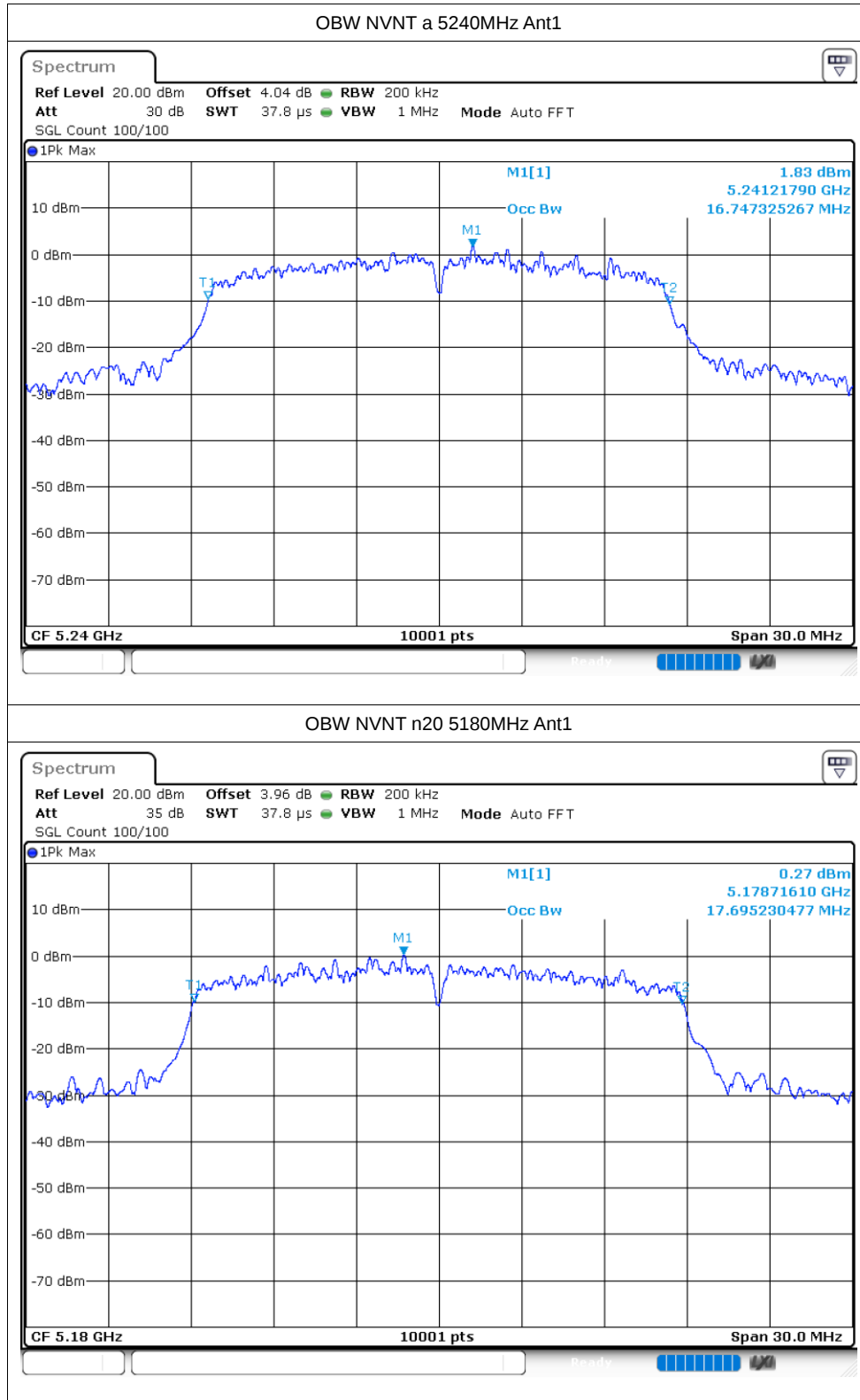
Test Graphs

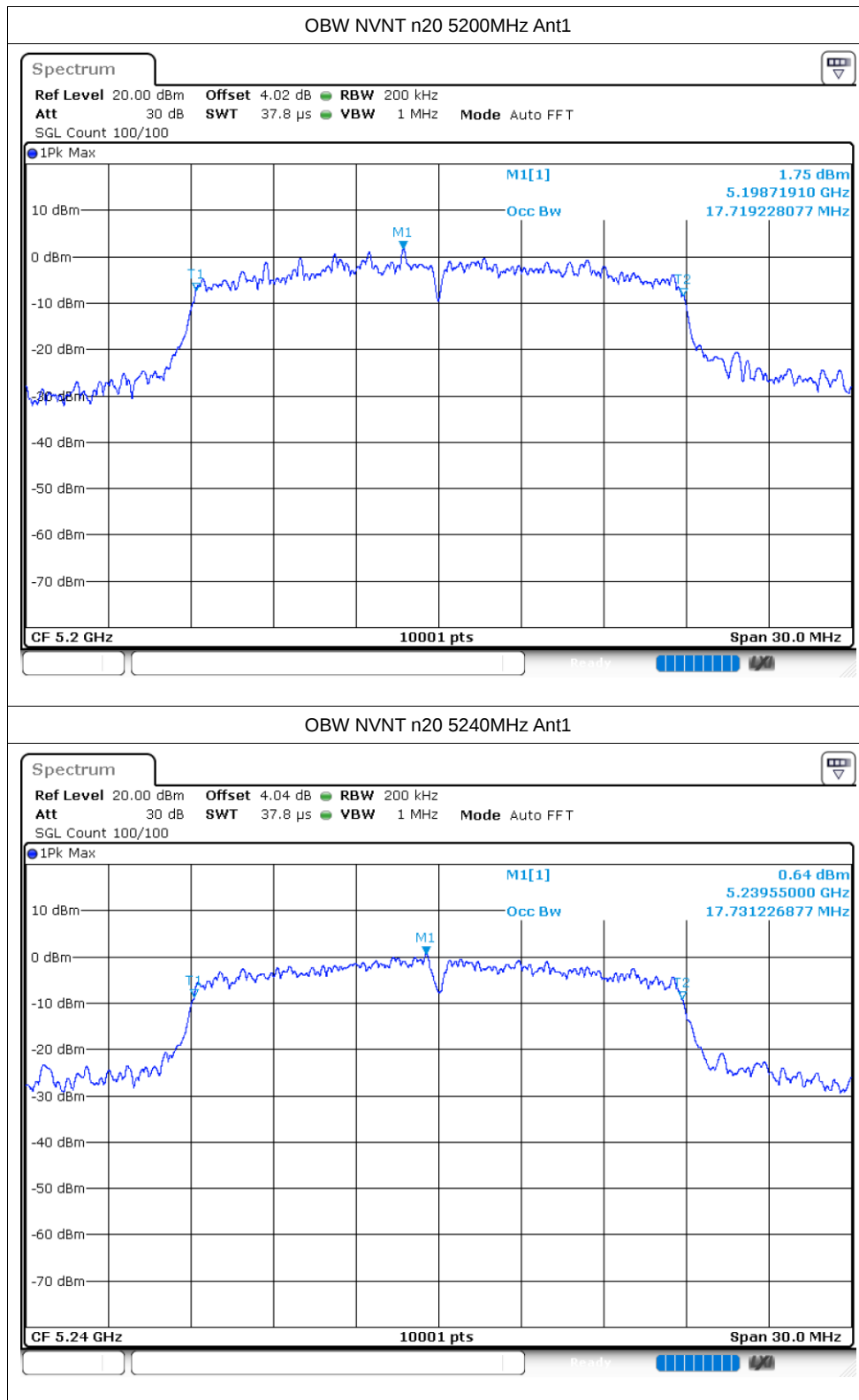
OBW NVNT a 5180MHz Ant1

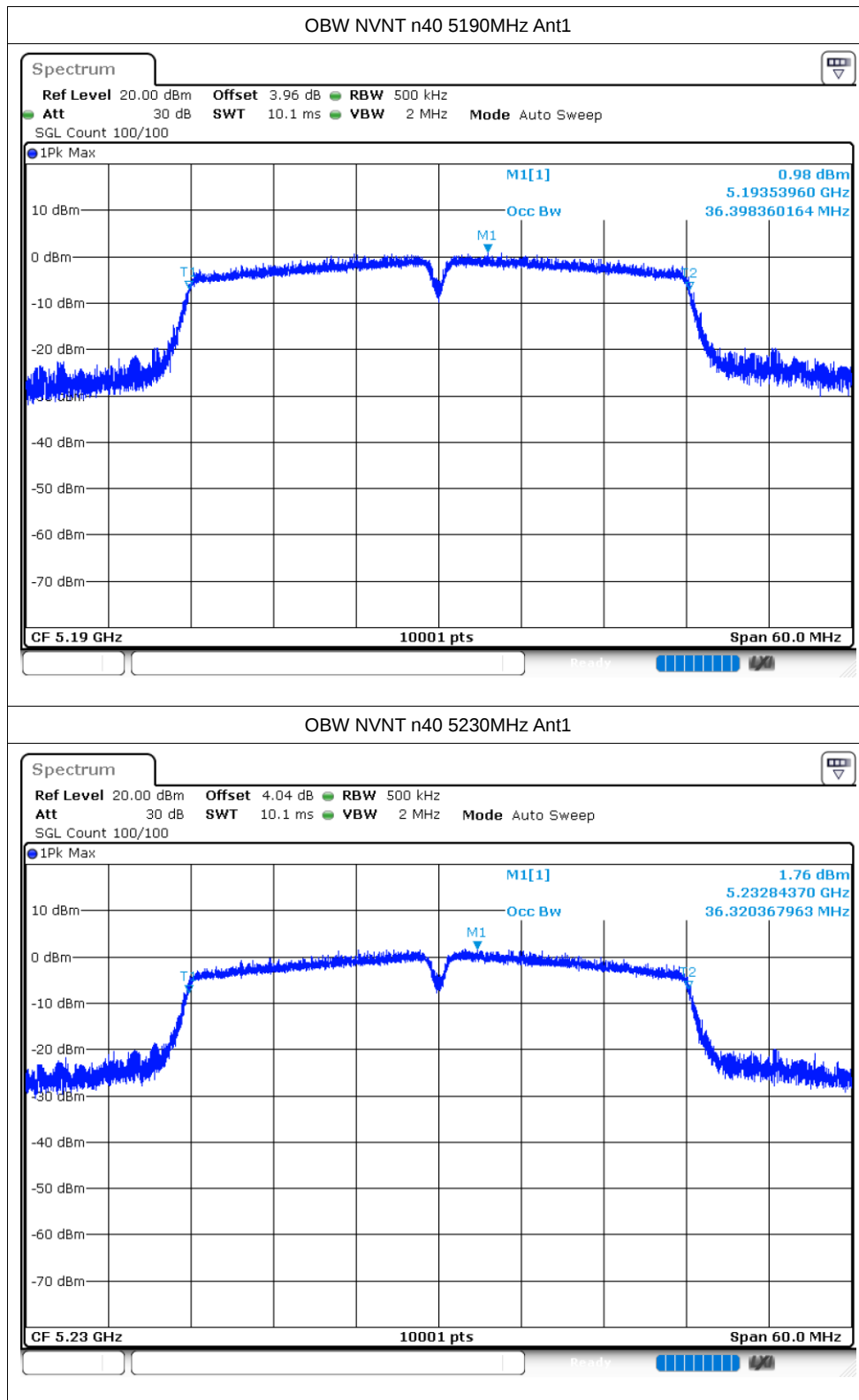


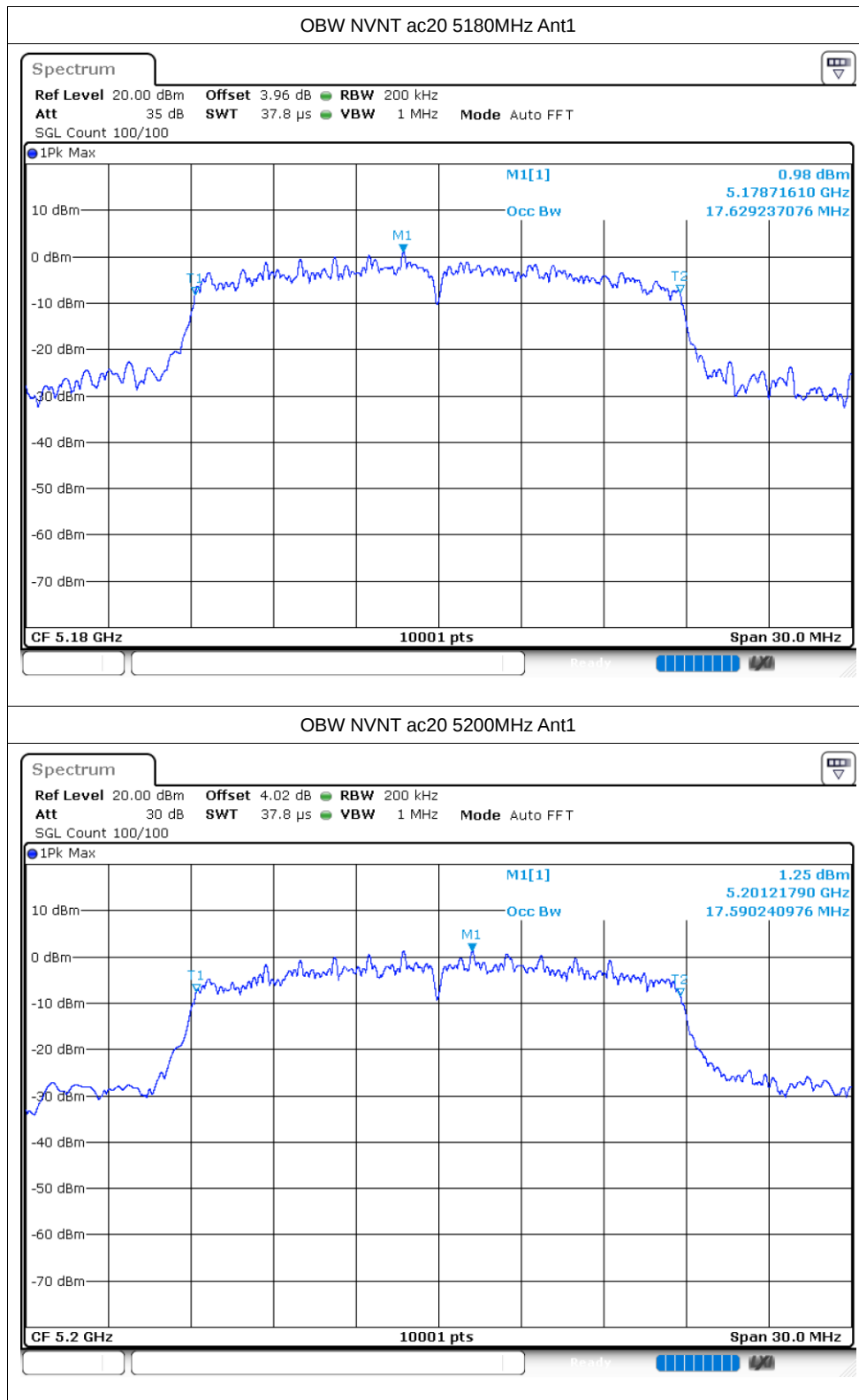
OBW NVNT a 5200MHz Ant1

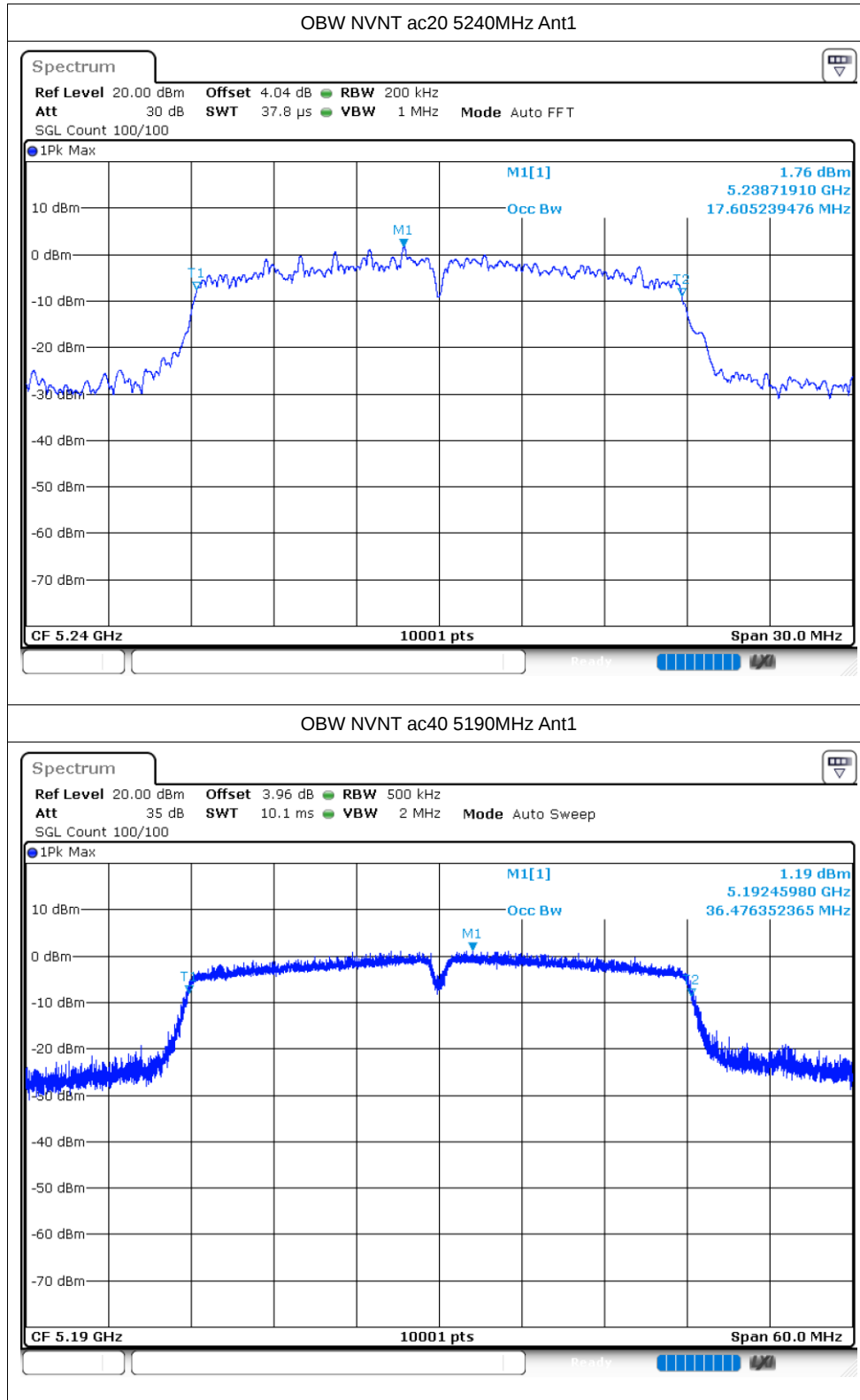


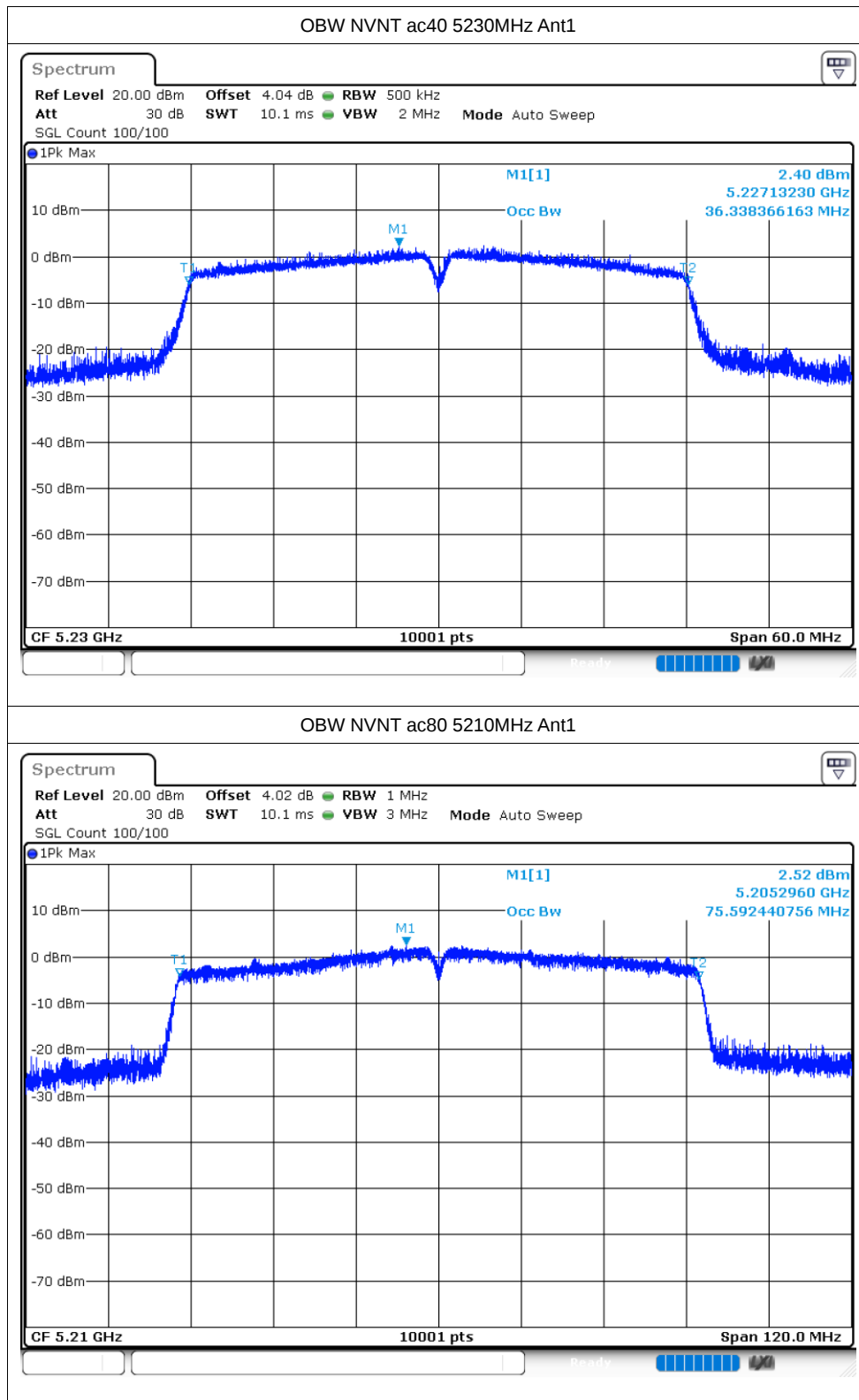










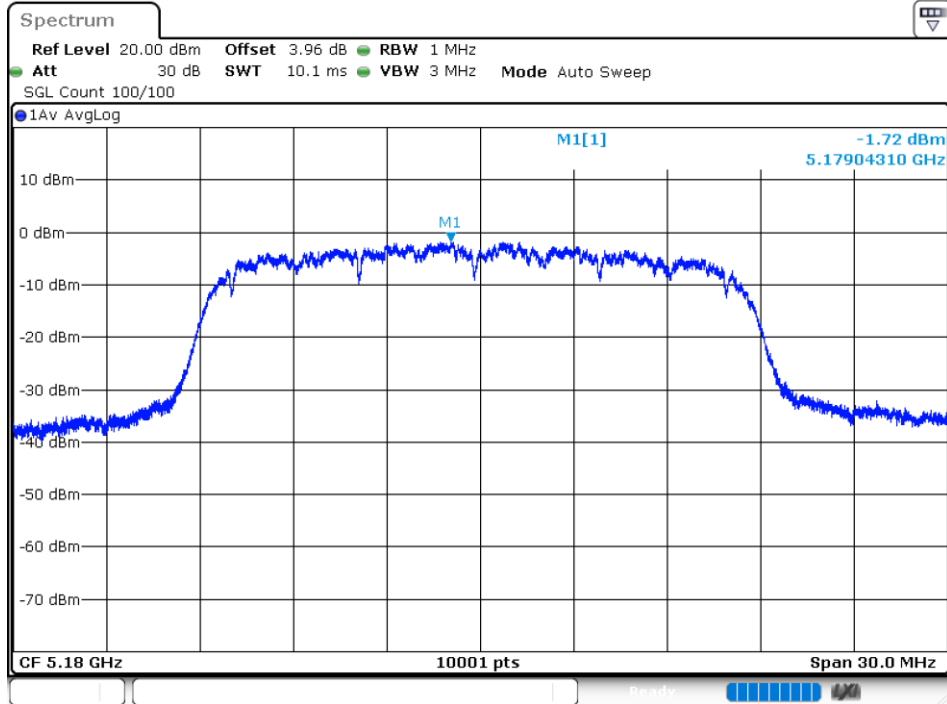


Maximum Power Spectral Density Level

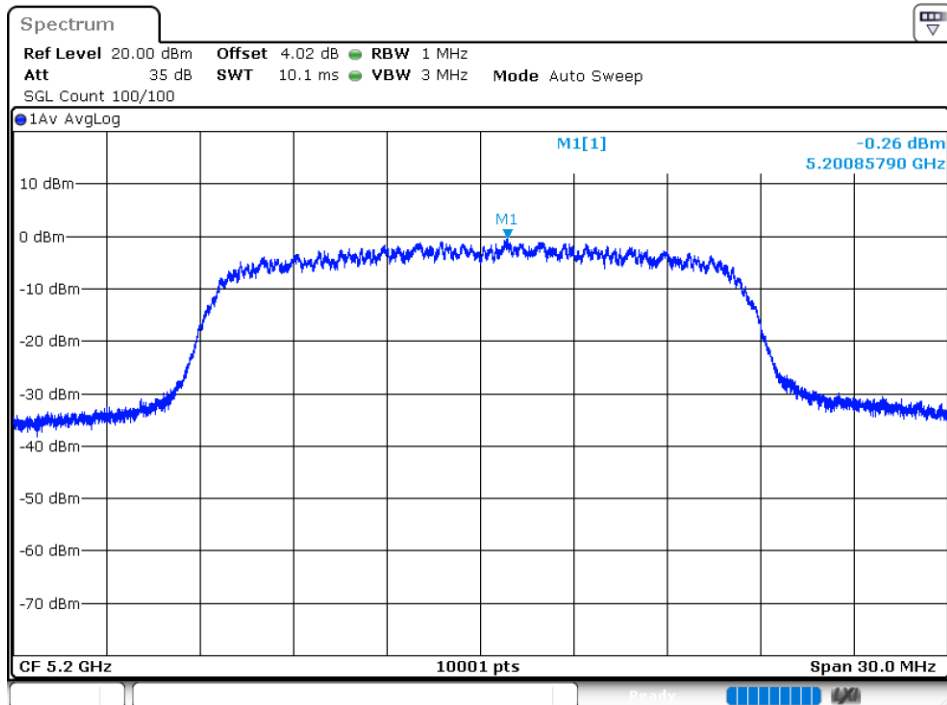
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-1.72	0.08	-1.64	11	Pass
NVNT	a	5200	Ant1	-0.26	0.08	-0.18	11	Pass
NVNT	a	5240	Ant1	-0.4	0.08	-0.32	11	Pass
NVNT	n20	5180	Ant1	-1.95	0.09	-1.86	11	Pass
NVNT	n20	5200	Ant1	-1.17	0.08	-1.09	11	Pass
NVNT	n20	5240	Ant1	-0.67	0.09	-0.58	11	Pass
NVNT	n40	5190	Ant1	-5.52	0.16	-5.36	11	Pass
NVNT	n40	5230	Ant1	-5.25	0.16	-5.09	11	Pass
NVNT	ac20	5180	Ant1	-1.87	0.09	-1.78	11	Pass
NVNT	ac20	5200	Ant1	-1.01	0.08	-0.93	11	Pass
NVNT	ac20	5240	Ant1	-0.86	0.08	-0.78	11	Pass
NVNT	ac40	5190	Ant1	-4.55	0.16	-4.39	11	Pass
NVNT	ac40	5230	Ant1	-4.26	0.16	-4.1	11	Pass
NVNT	ac80	5210	Ant1	-10.06	0.31	-9.75	11	Pass

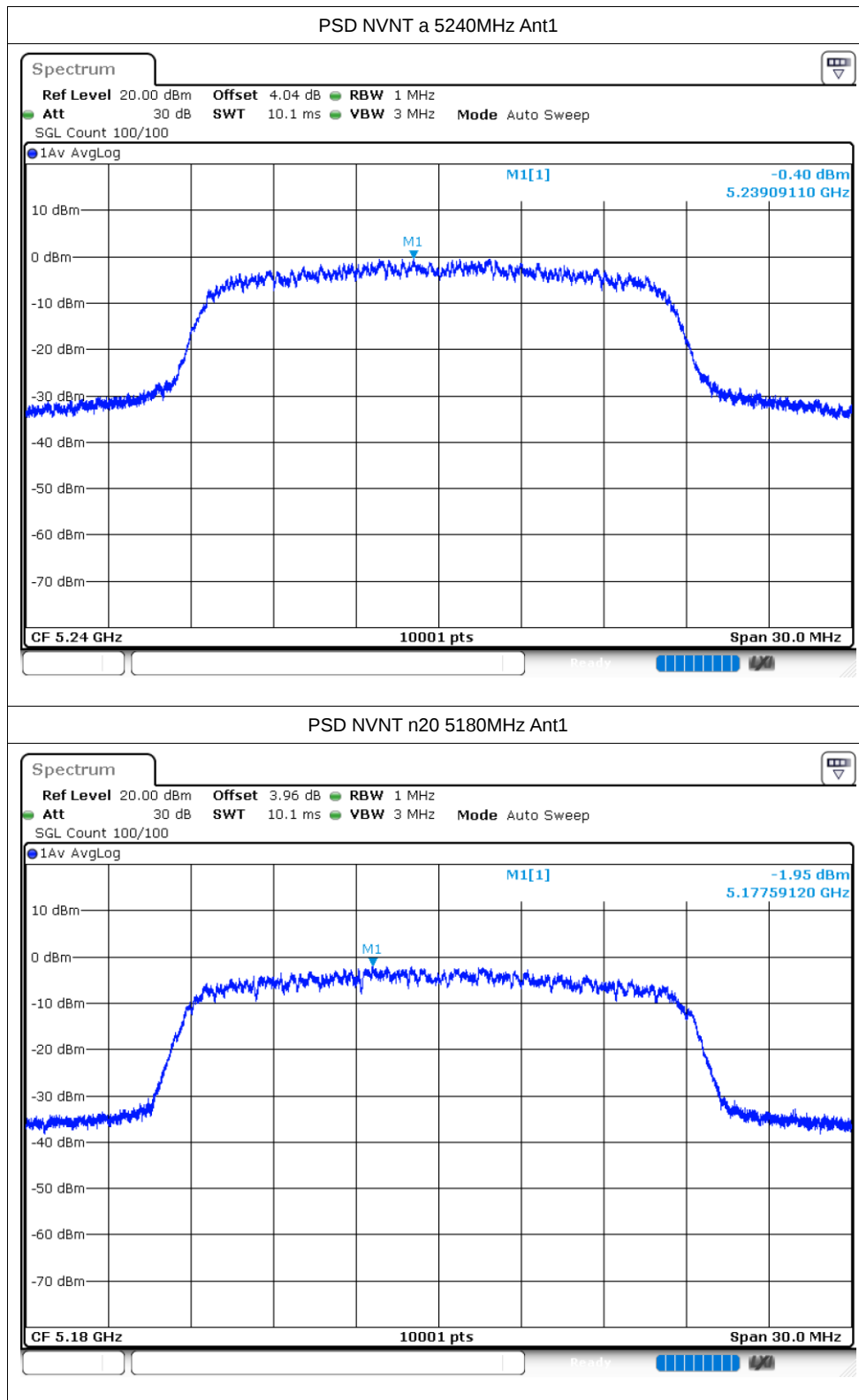
Test Graphs

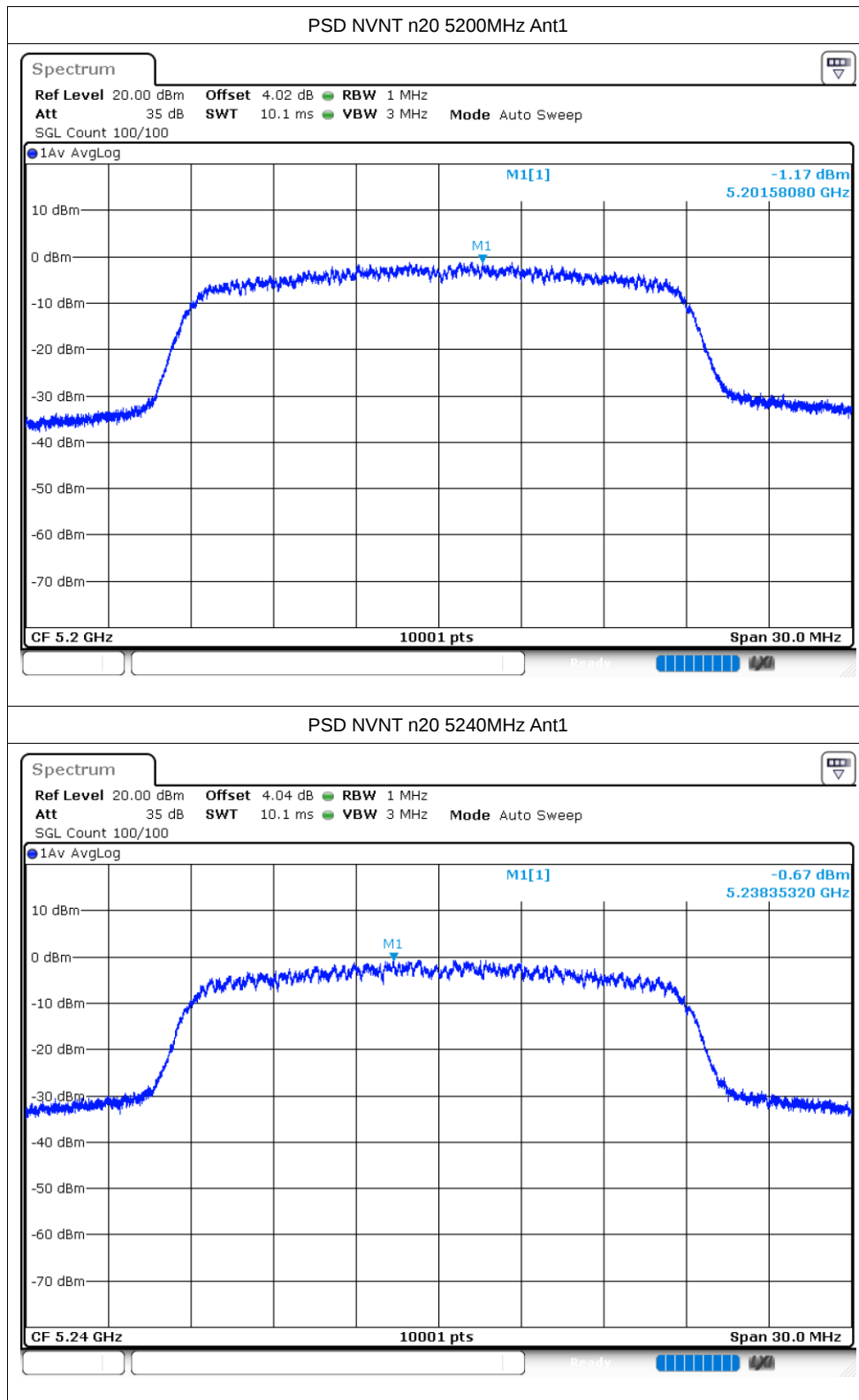
PSD NVNT a 5180MHz Ant1

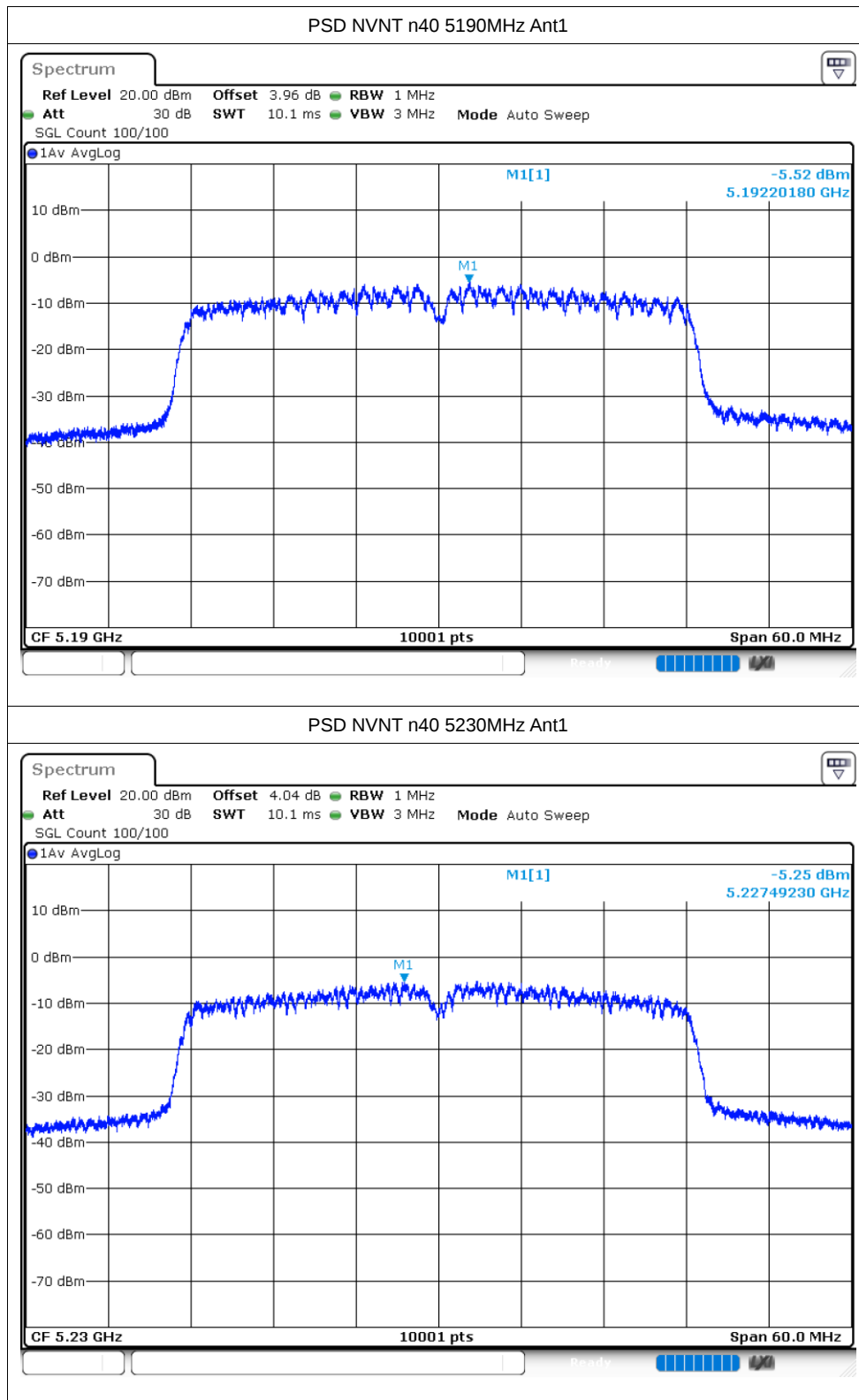


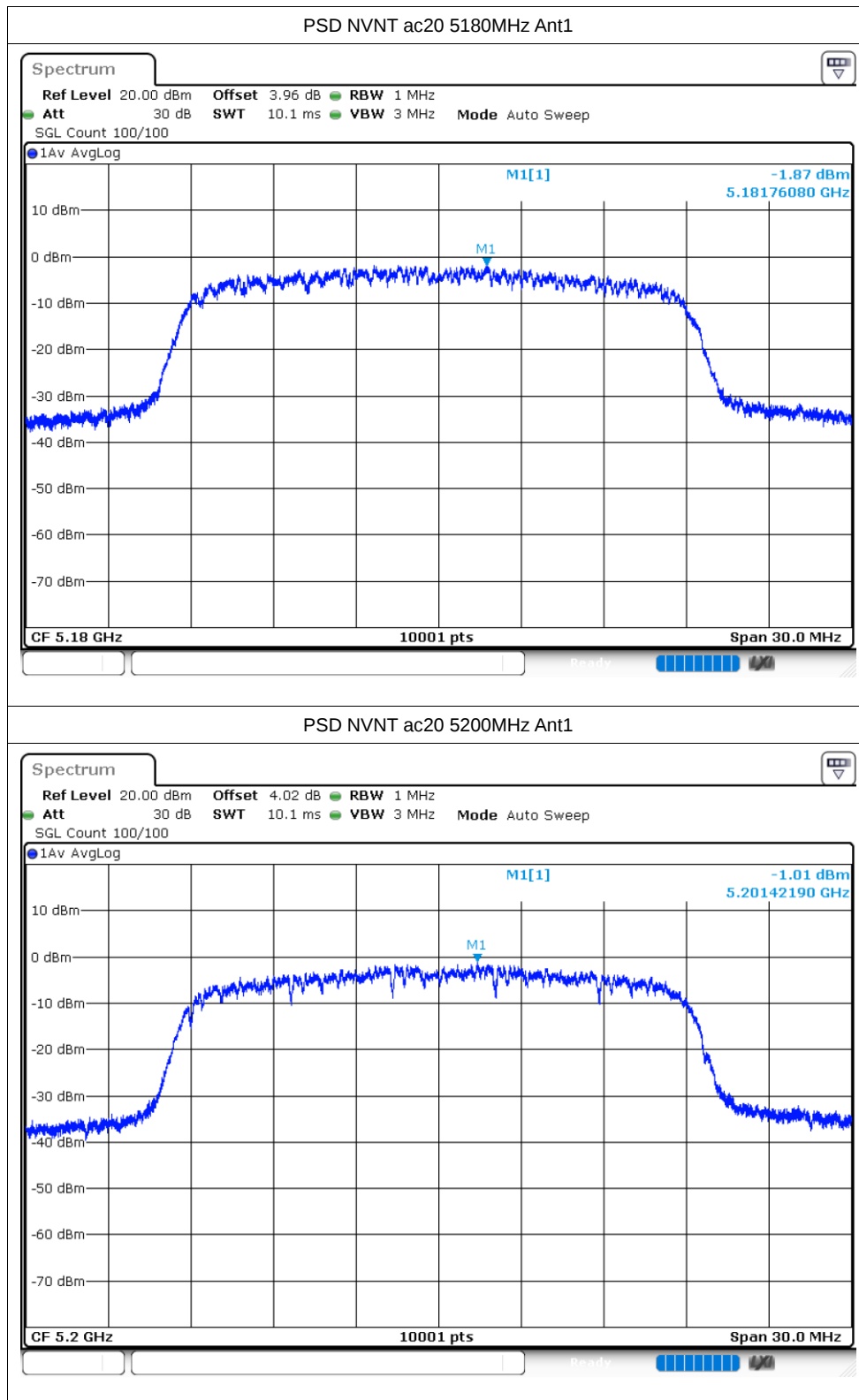
PSD NVNT a 5200MHz Ant1

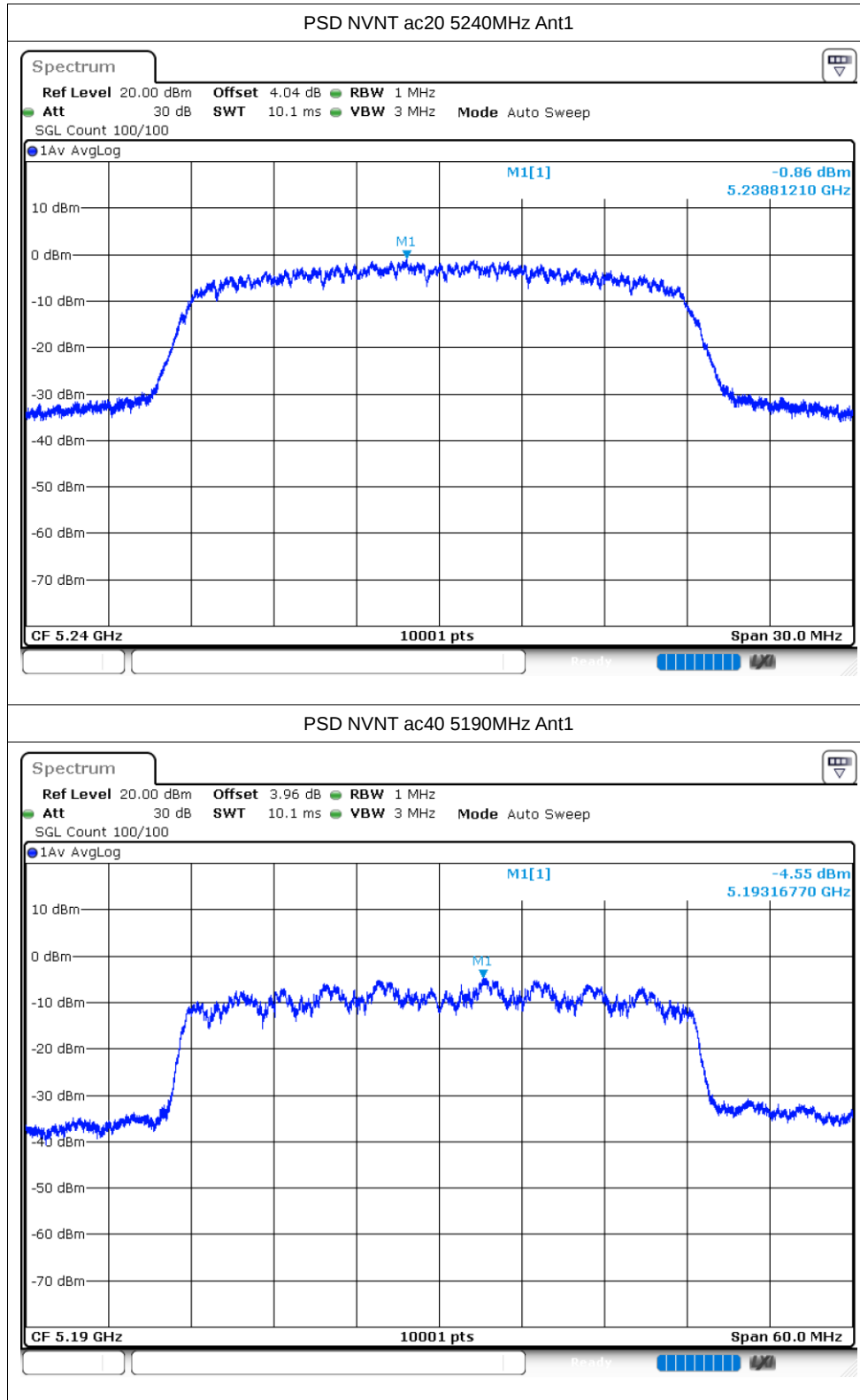


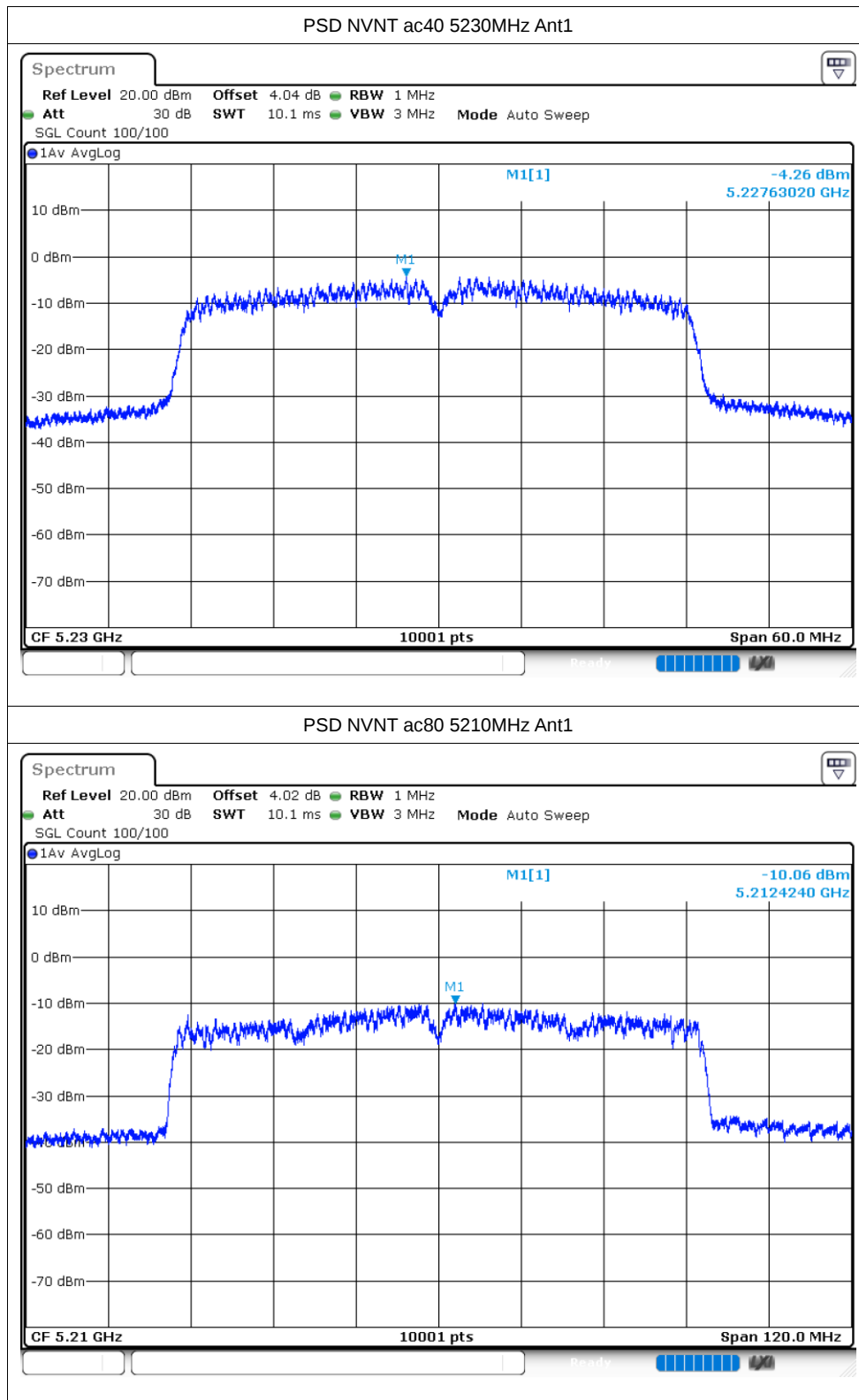










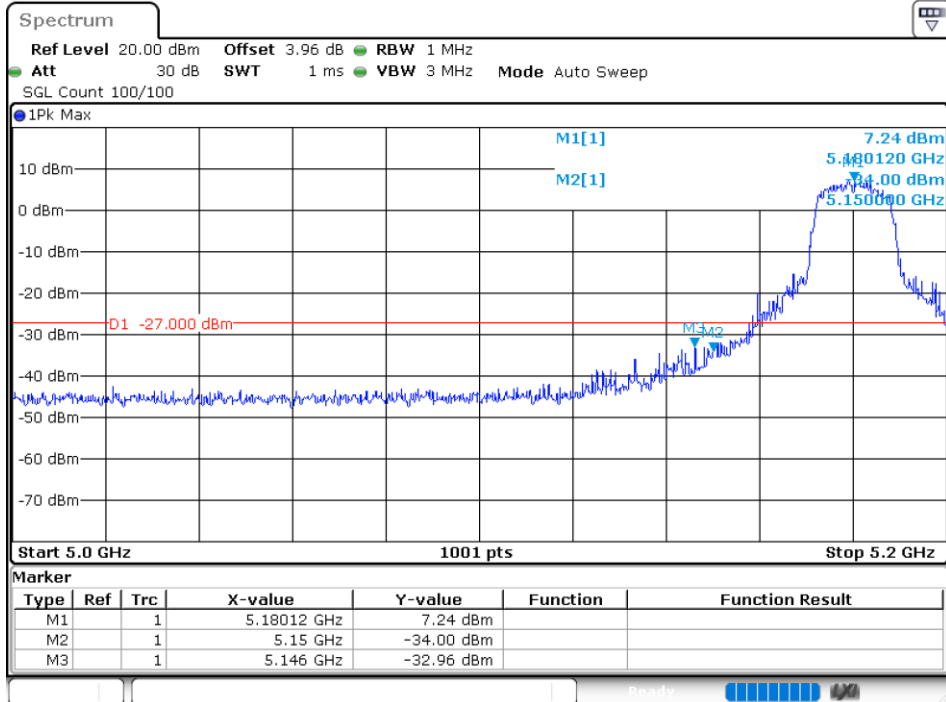


Band Edge

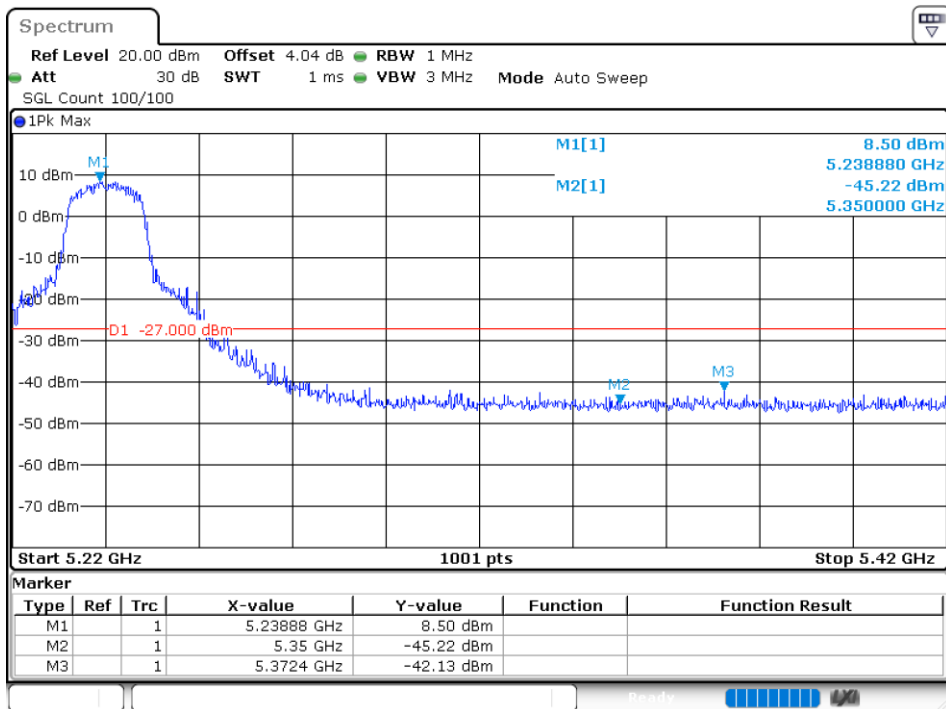
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-32.96	-27	Pass
NVNT	a	5240	Ant1	-42.12	-27	Pass
NVNT	n20	5180	Ant1	-31.25	-27	Pass
NVNT	n20	5240	Ant1	-42.31	-27	Pass
NVNT	n40	5190	Ant1	-27.06	-27	Pass
NVNT	n40	5230	Ant1	-43.54	-27	Pass
NVNT	ac20	5180	Ant1	-27.27	-27	Pass
NVNT	ac20	5240	Ant1	-42.9	-27	Pass
NVNT	ac40	5190	Ant1	-27.34	-27	Pass
NVNT	ac40	5230	Ant1	-42.96	-27	Pass
NVNT	ac80	5210	Ant1	-27.44	-27	Pass
NVNT	ac80	5210	Ant1	-40.47	-27	Pass

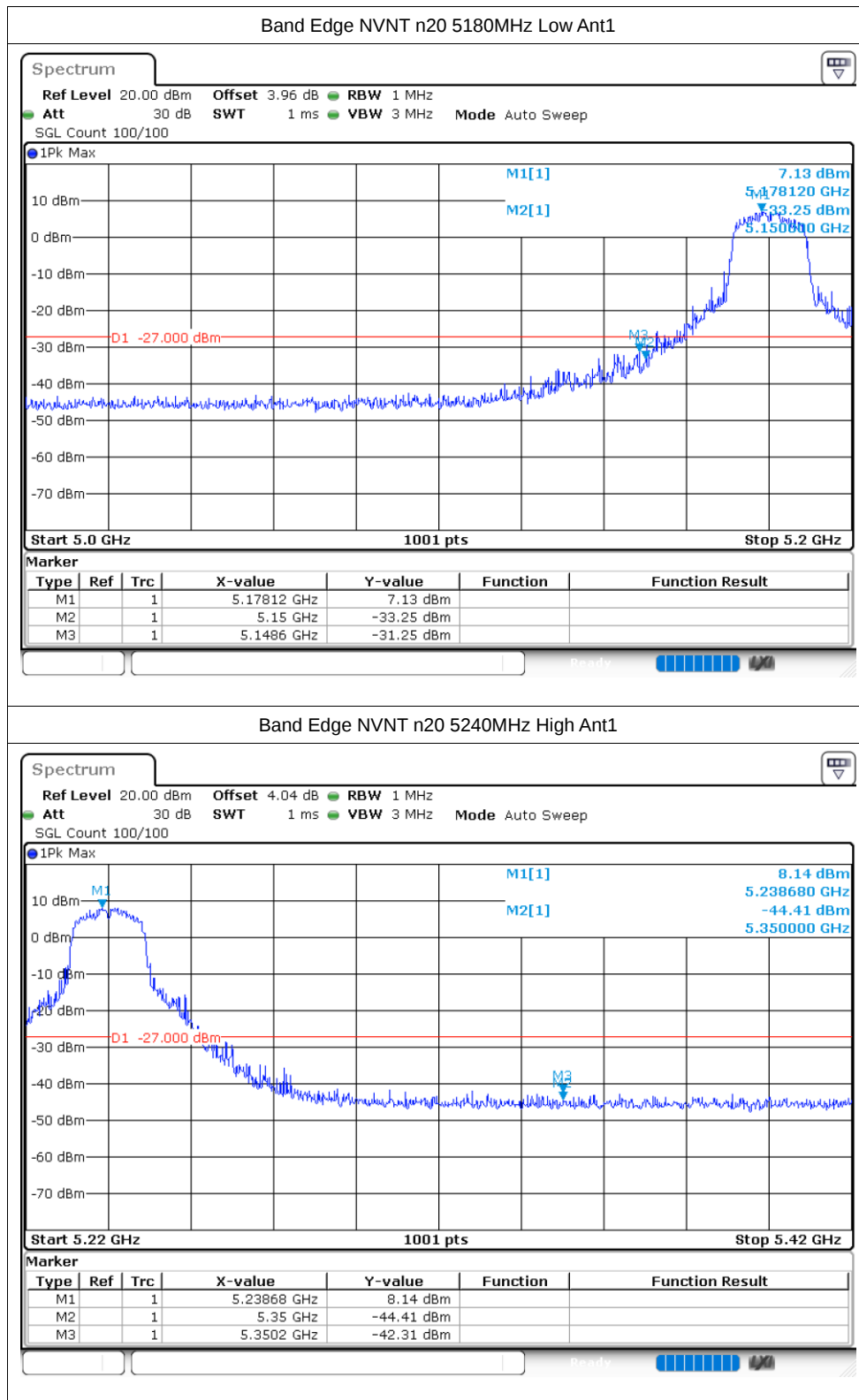
Test Graphs

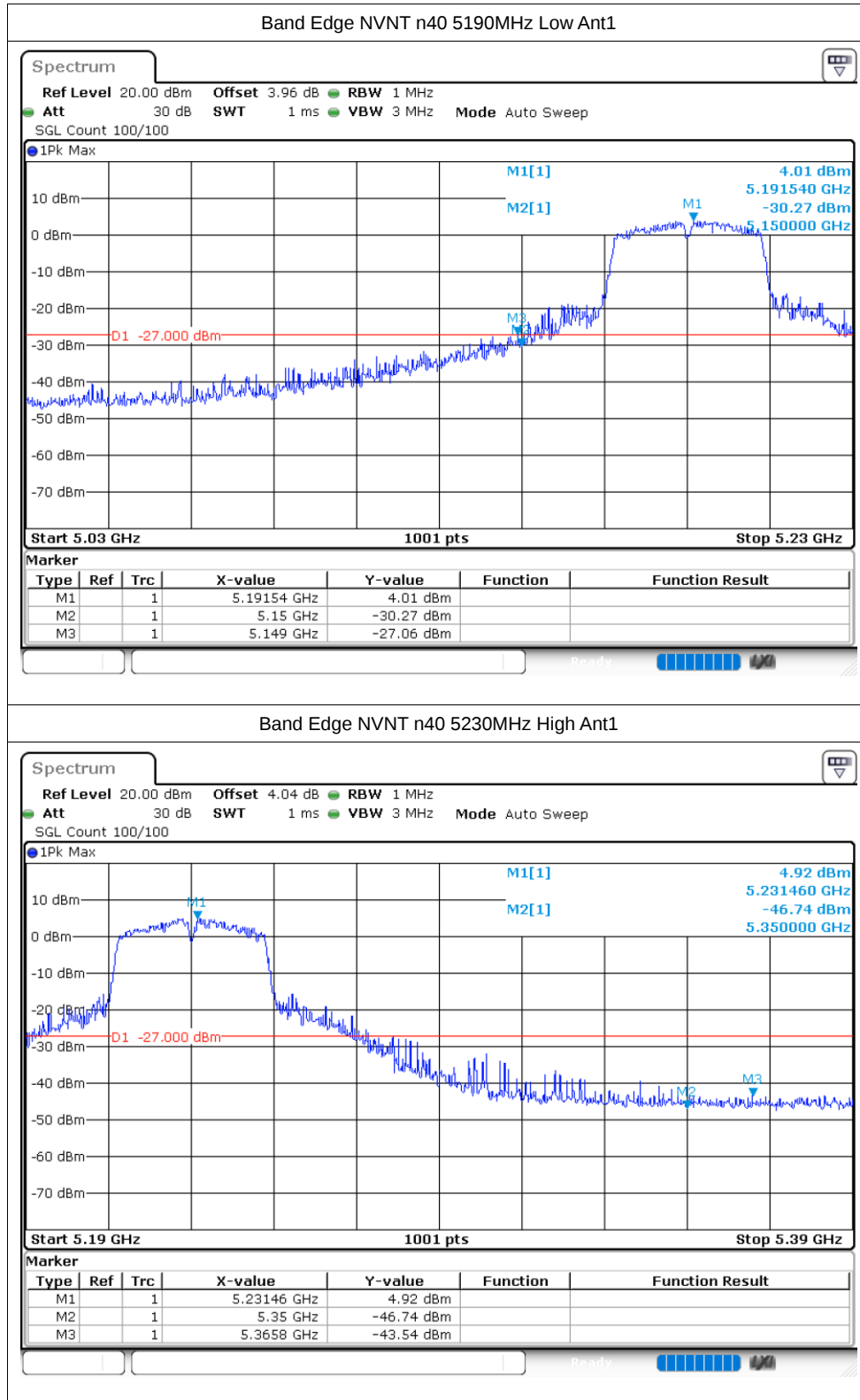
Band Edge NVNT a 5180MHz Low Ant1

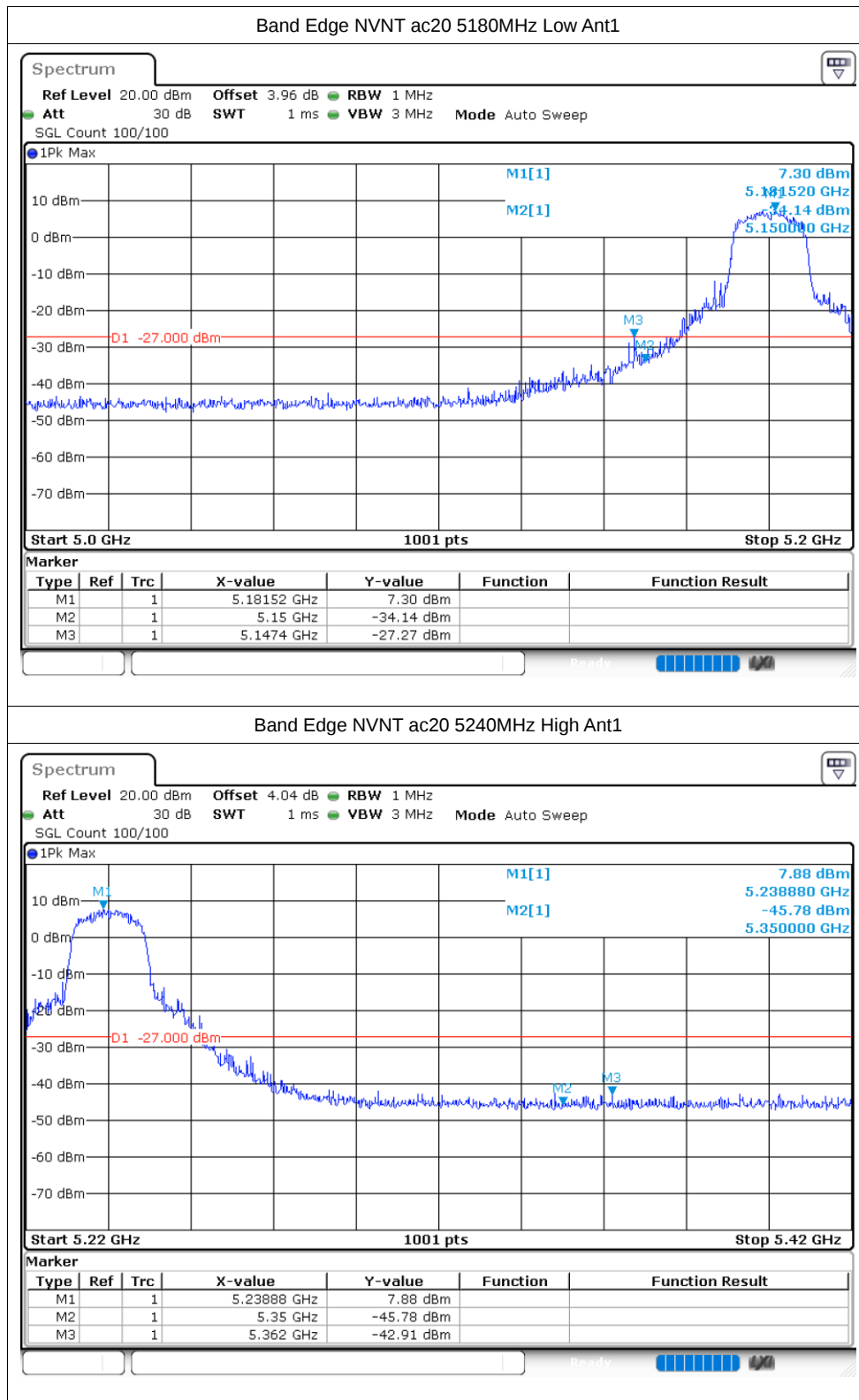


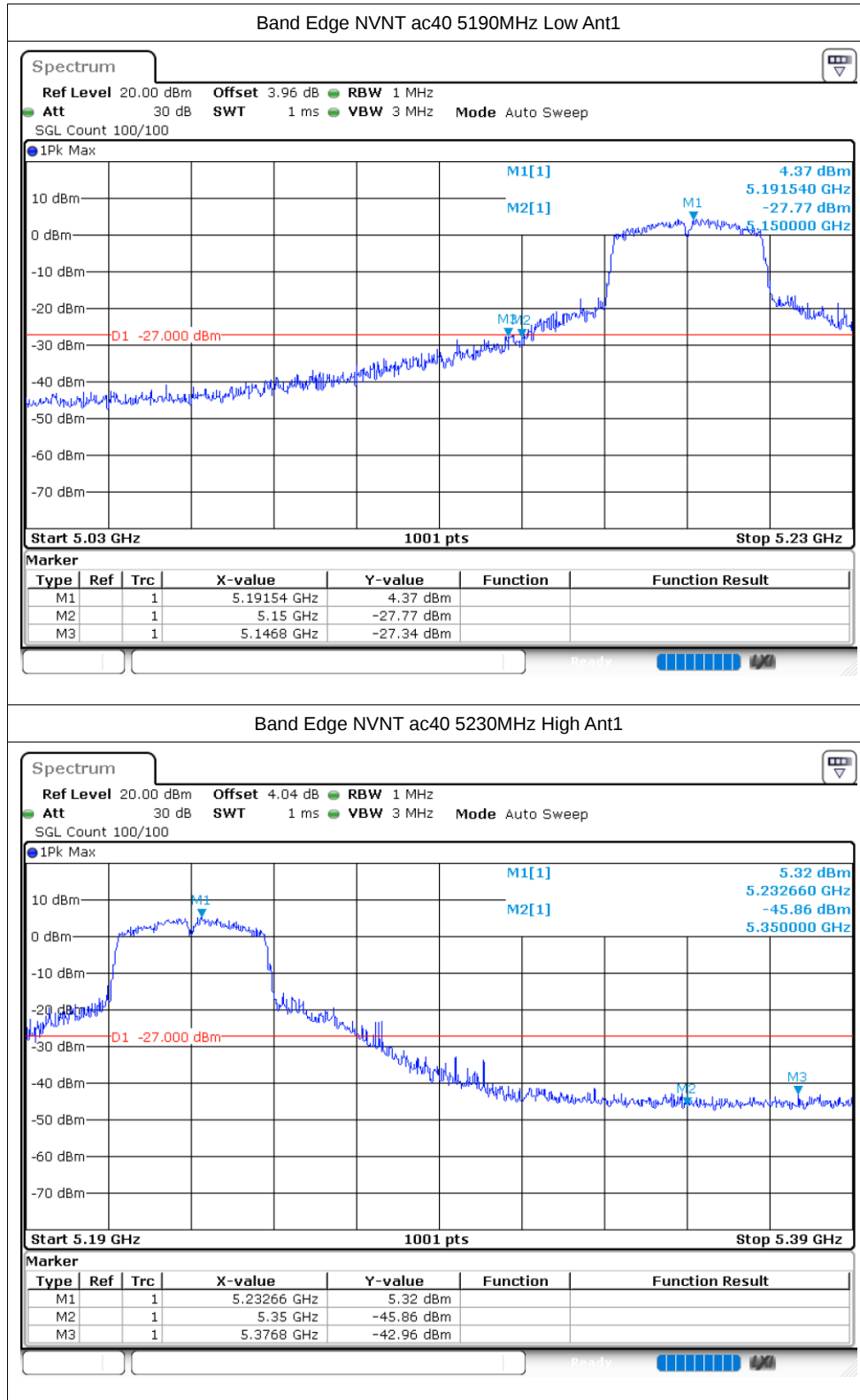
Band Edge NVNT a 5240MHz High Ant1

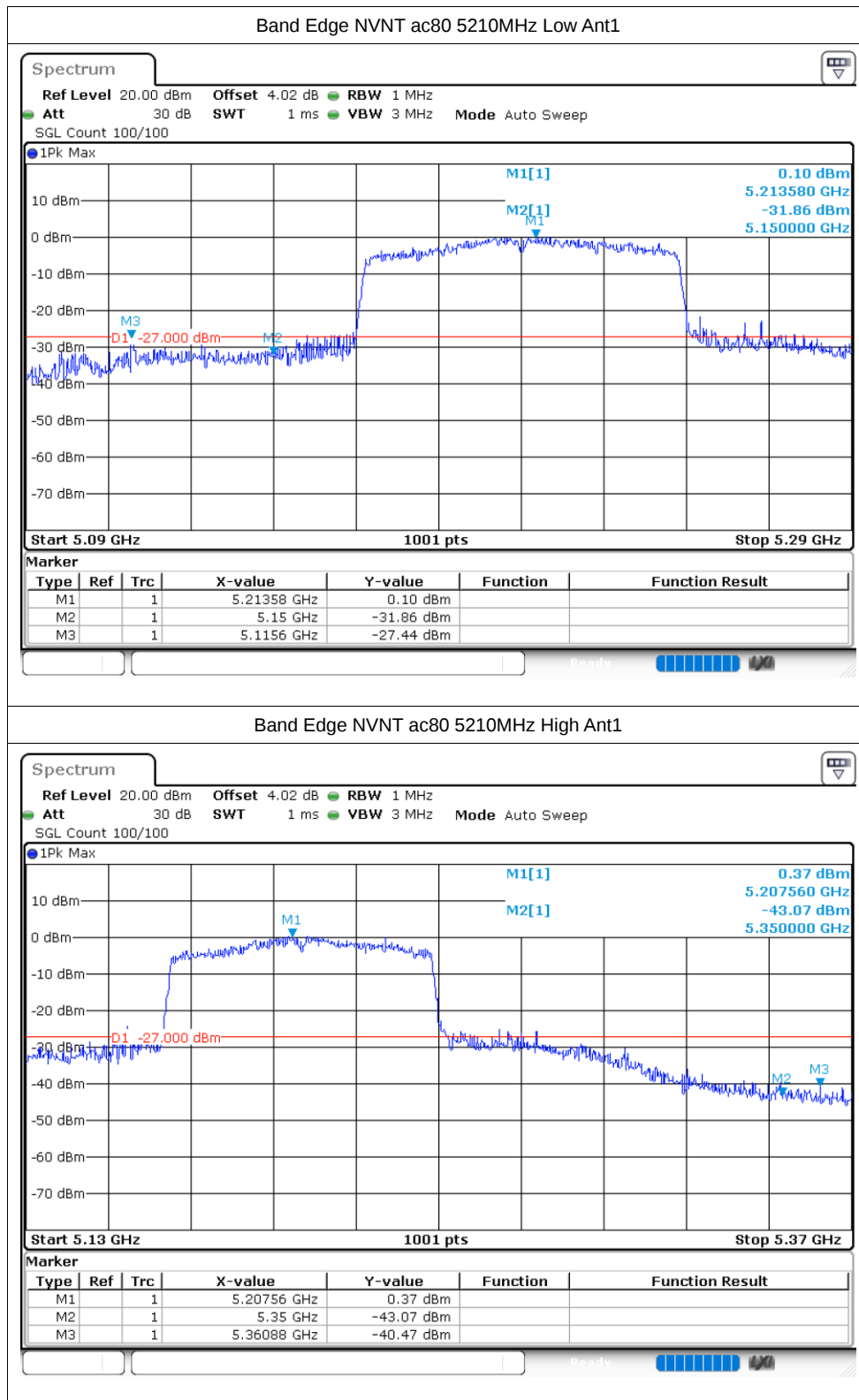












Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-33.59	-27	Pass
NVNT	a	5200	Ant1	-34.7	-27	Pass
NVNT	a	5240	Ant1	-34.42	-27	Pass
NVNT	n20	5180	Ant1	-34.54	-27	Pass
NVNT	n20	5200	Ant1	-34.59	-27	Pass
NVNT	n20	5240	Ant1	-34.34	-27	Pass
NVNT	n40	5190	Ant1	-34.49	-27	Pass
NVNT	n40	5230	Ant1	-34.77	-27	Pass
NVNT	ac20	5180	Ant1	-34.74	-27	Pass
NVNT	ac20	5200	Ant1	-34.6	-27	Pass
NVNT	ac20	5240	Ant1	-34.43	-27	Pass
NVNT	ac40	5190	Ant1	-34.38	-27	Pass
NVNT	ac40	5230	Ant1	-34.41	-27	Pass
NVNT	ac80	5210	Ant1	-35.13	-27	Pass

