

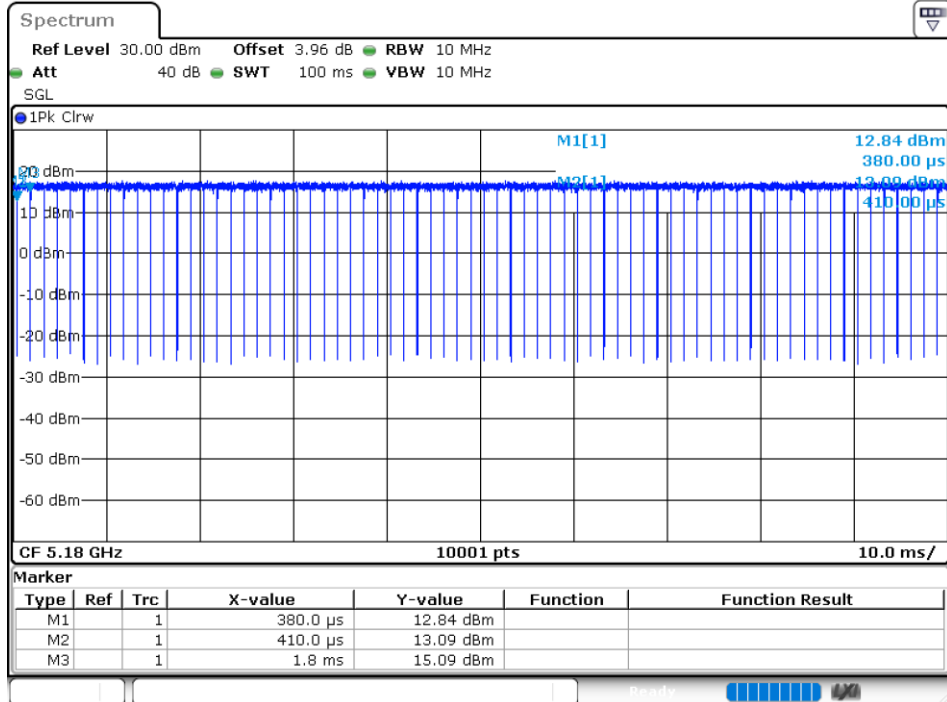
5.2G:

Duty Cycle

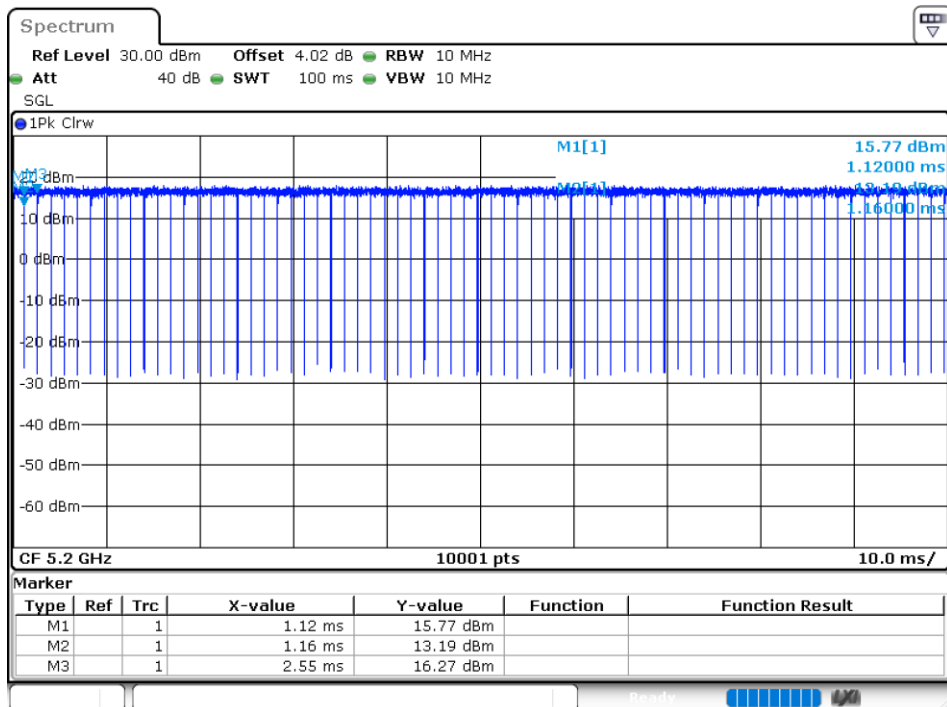
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	98.2	0.08	0.72
NVNT	a	5200	Ant1	98.2	0.08	0.72
NVNT	a	5240	Ant1	98.19	0.08	0.72
NVNT	n20	5180	Ant1	98.06	0.09	0.77
NVNT	n20	5200	Ant1	98.06	0.09	0.77
NVNT	n20	5240	Ant1	98.06	0.09	0.77
NVNT	n40	5190	Ant1	96.35	0.16	1.54
NVNT	n40	5230	Ant1	96.35	0.16	1.54
NVNT	ac20	5180	Ant1	98.08	0.08	0.76
NVNT	ac20	5200	Ant1	98.1	0.08	0.76
NVNT	ac20	5240	Ant1	98.1	0.08	0.76
NVNT	ac40	5190	Ant1	96.35	0.16	1.54
NVNT	ac40	5230	Ant1	96.35	0.16	1.54
NVNT	ac80	5210	Ant1	93.14	0.31	3.13

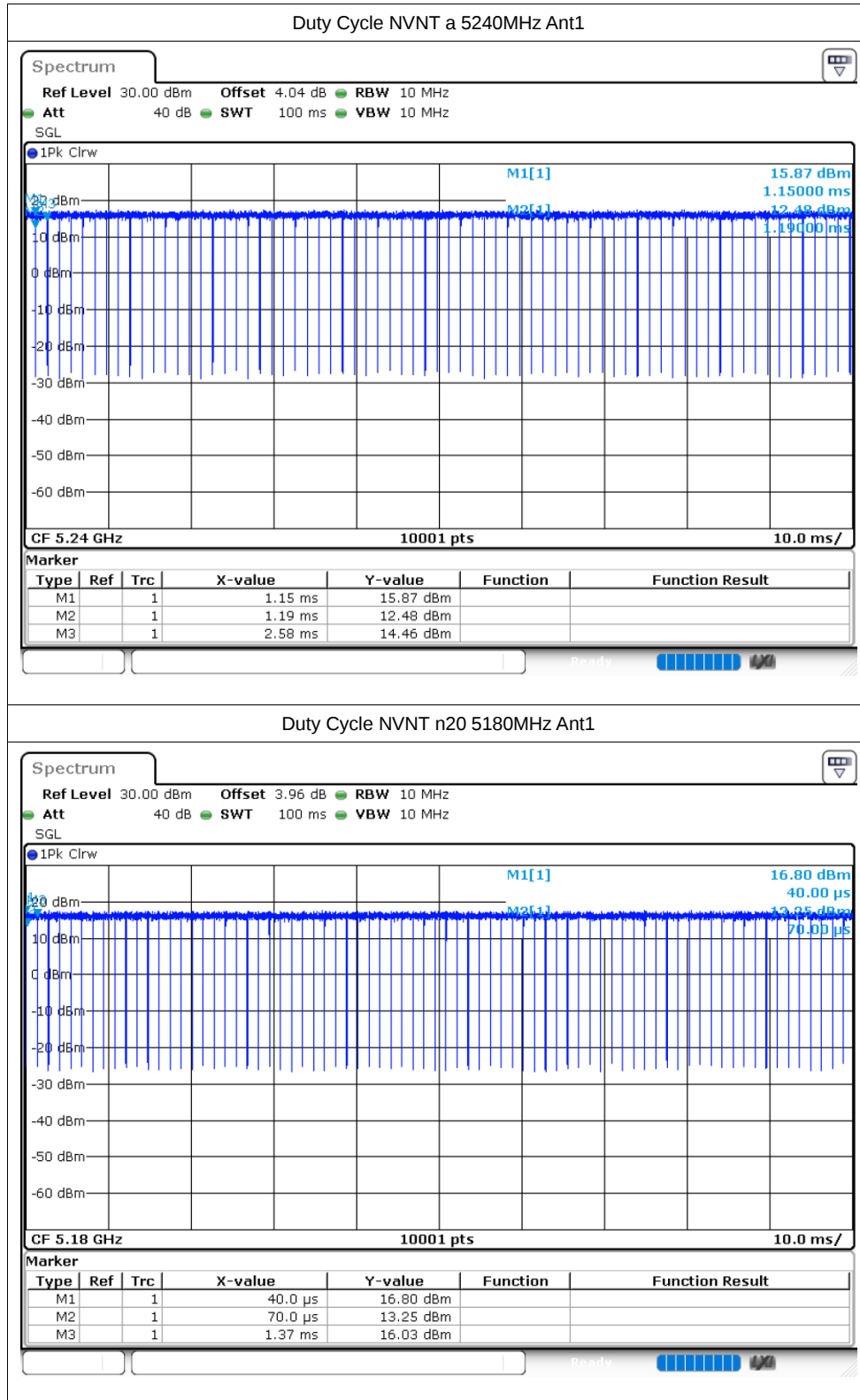
Test Graphs

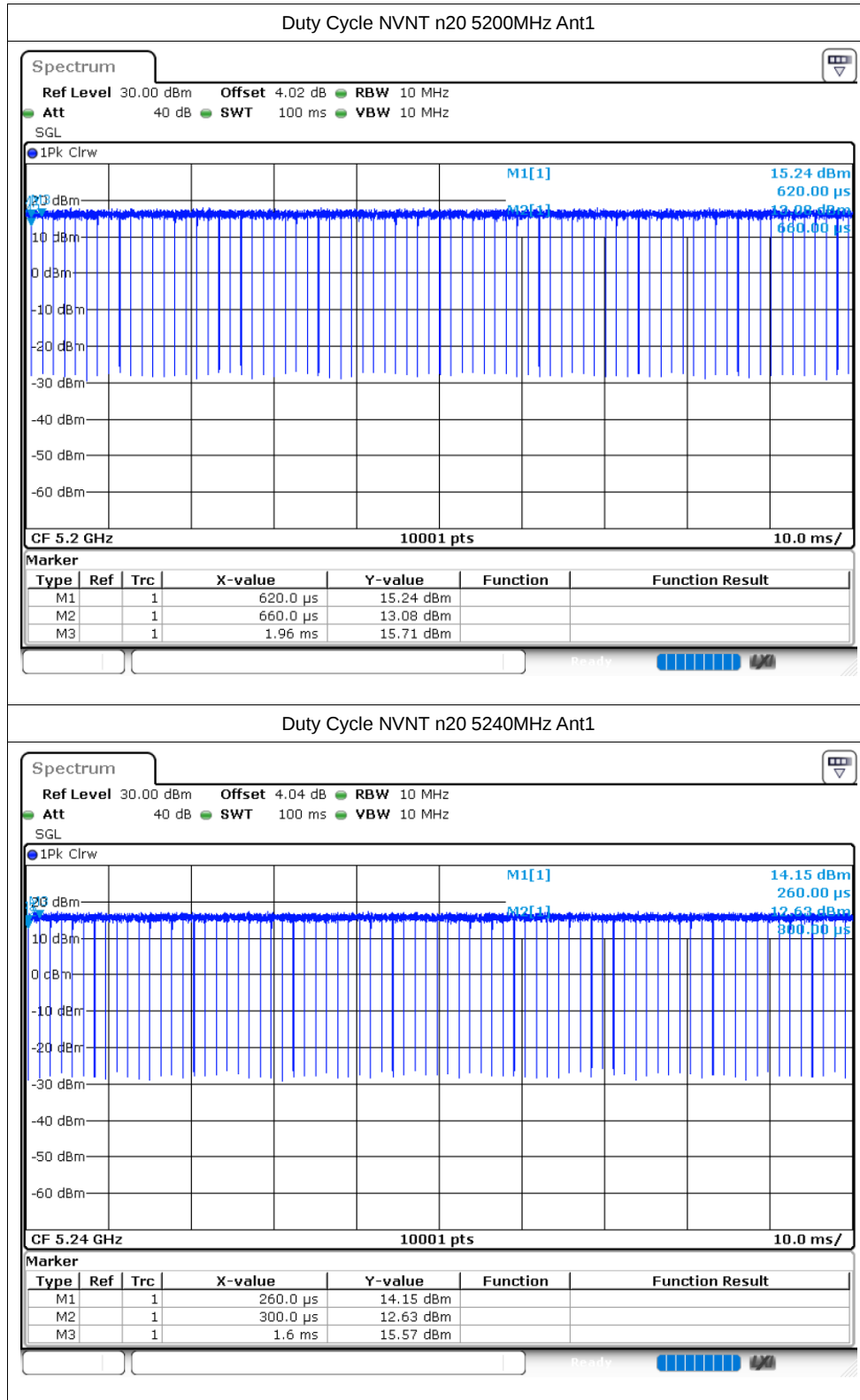
Duty Cycle NVNT a 5180MHz Ant1

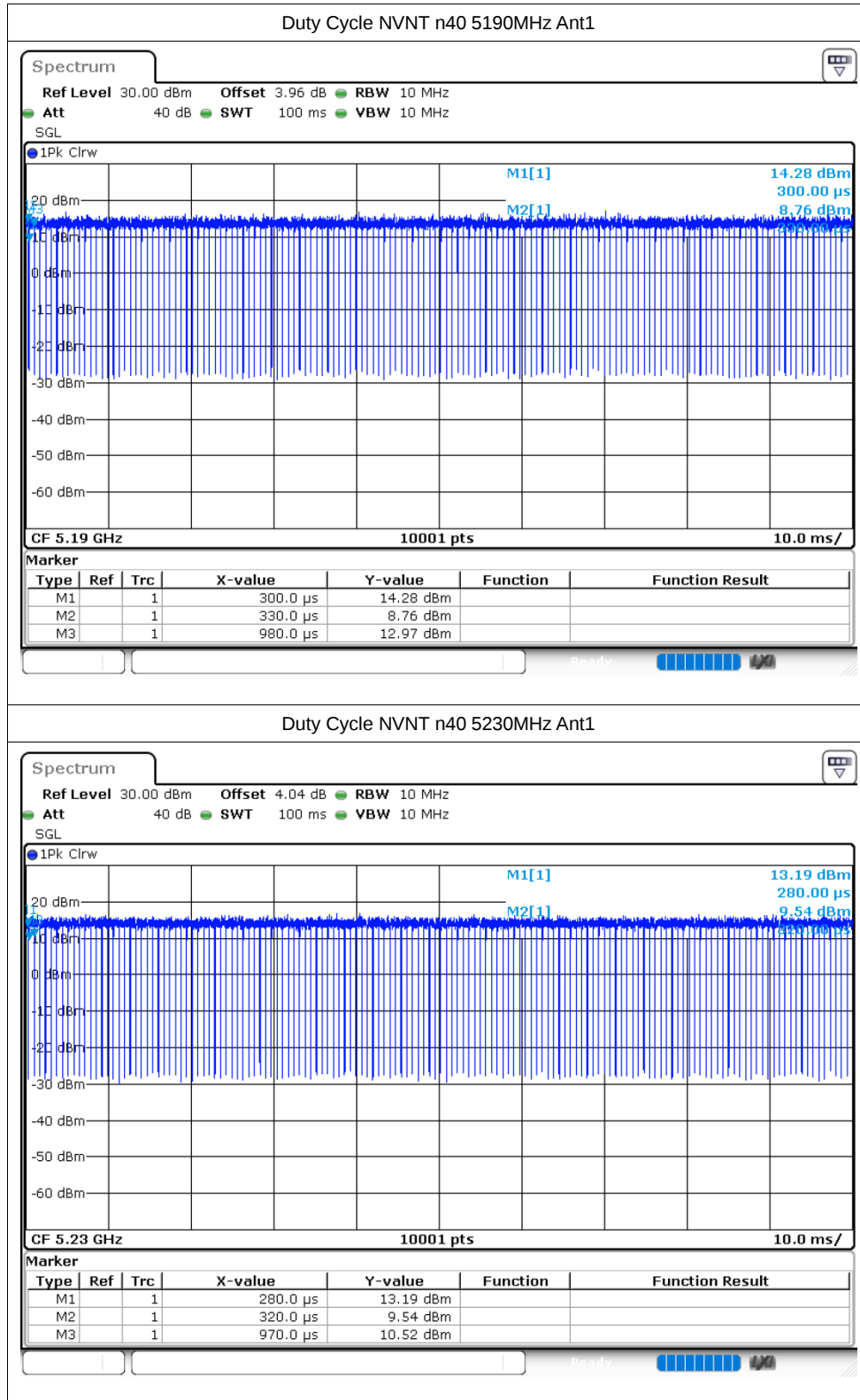


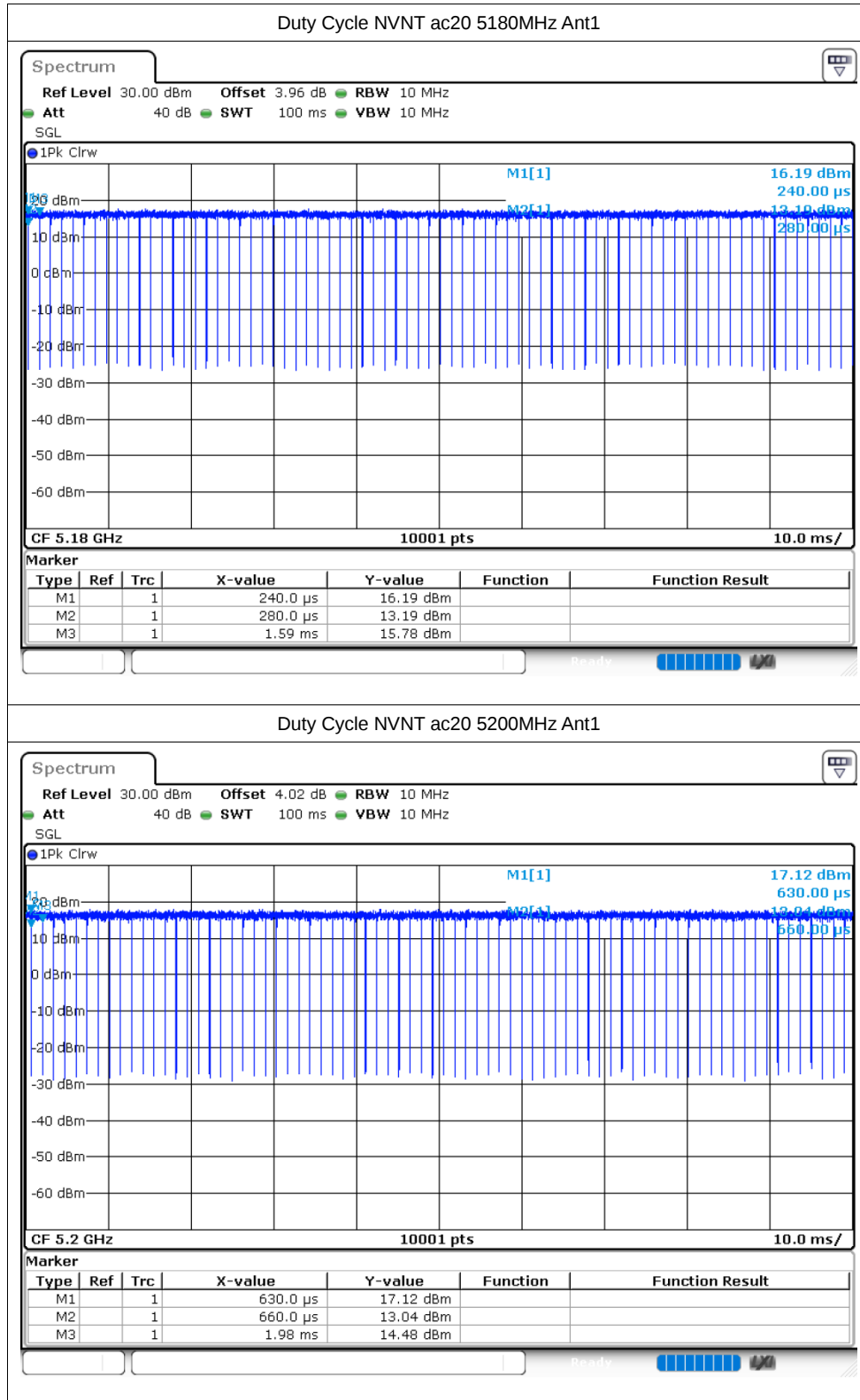
Duty Cycle NVNT a 5200MHz Ant1

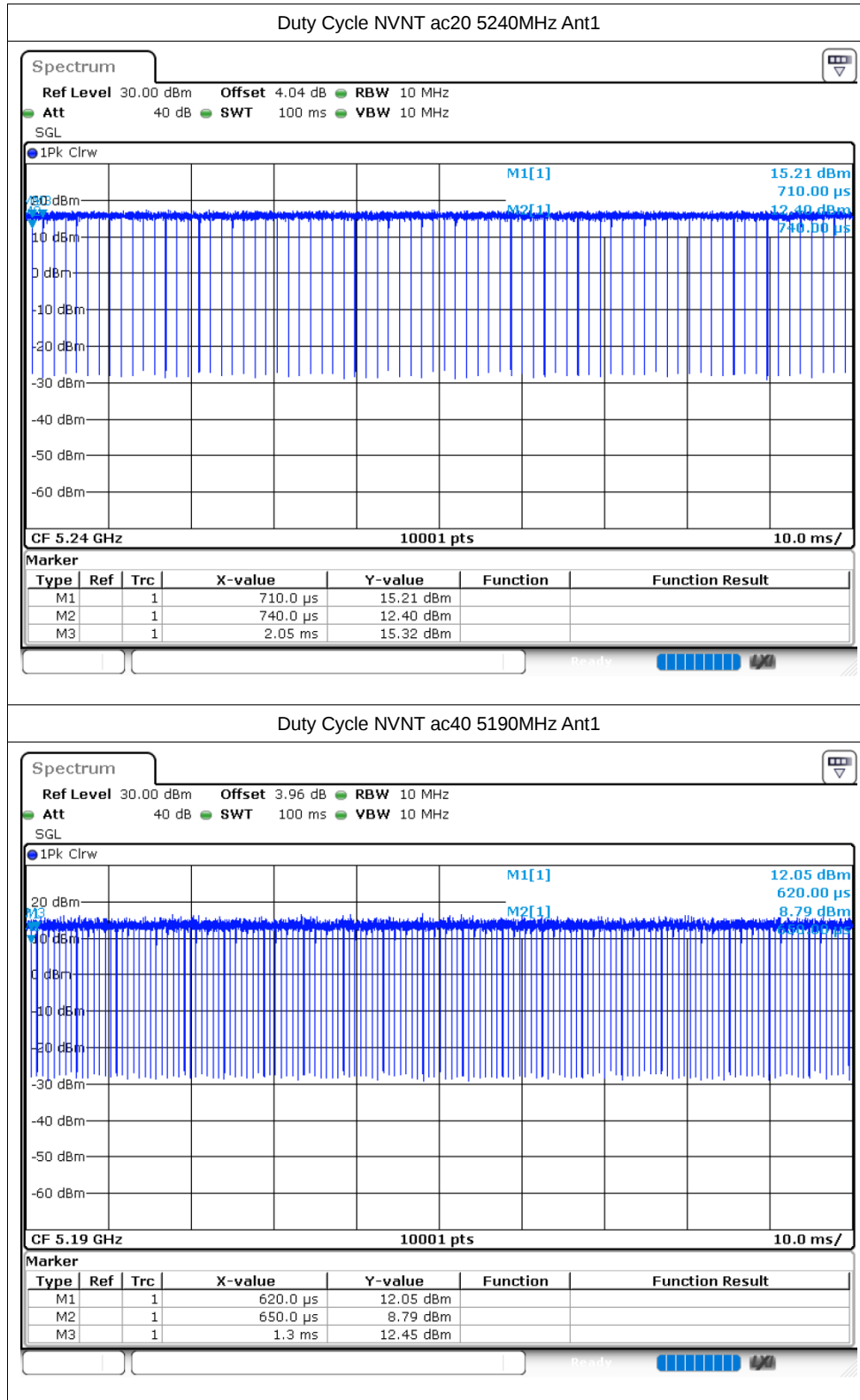


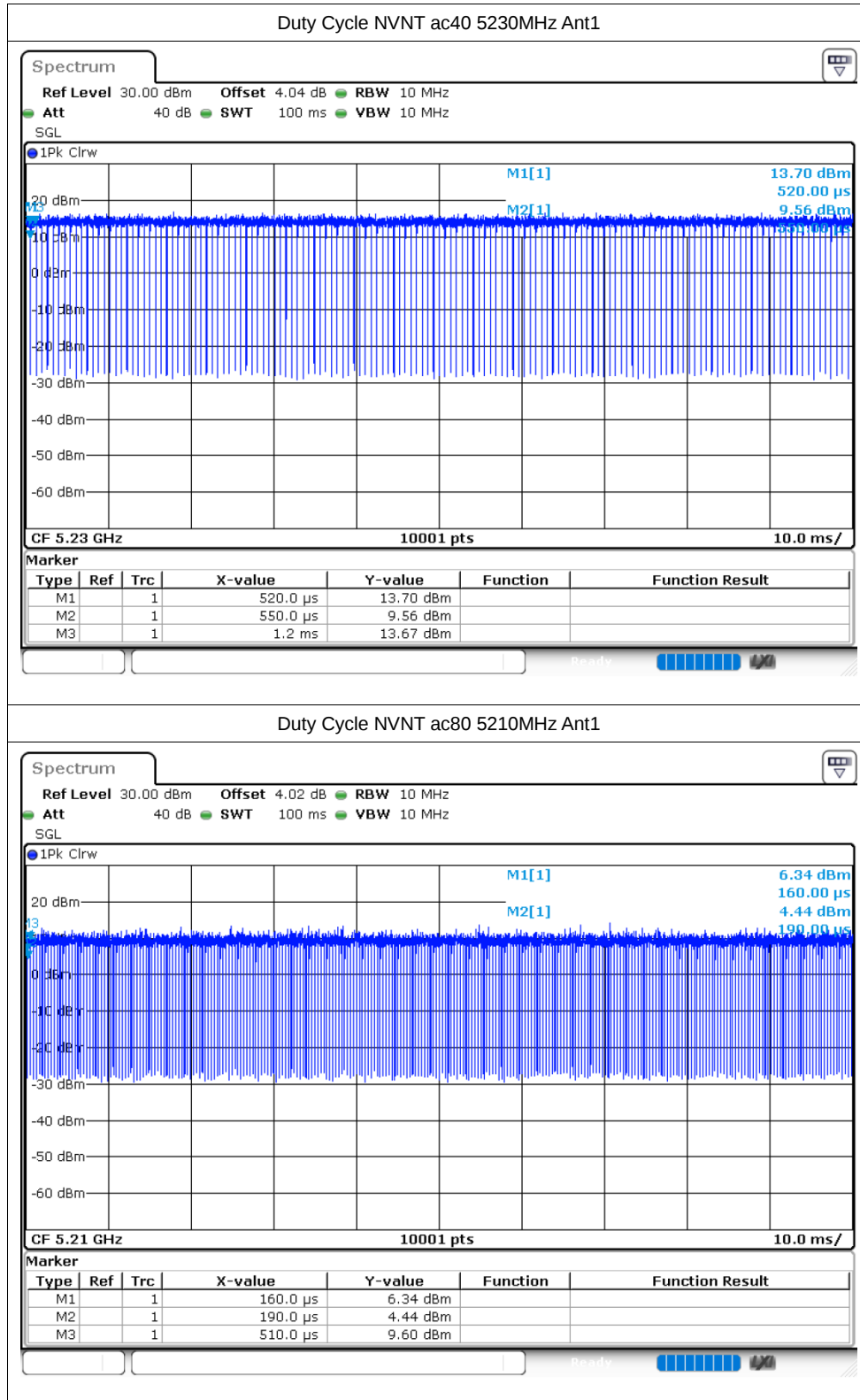












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.75	24	Pass
NVNT	a	5200	Ant1	12.57	24	Pass
NVNT	a	5240	Ant1	13.23	24	Pass
NVNT	n20	5180	Ant1	12.7	24	Pass
NVNT	n20	5200	Ant1	12.36	24	Pass
NVNT	n20	5240	Ant1	12.99	24	Pass
NVNT	n40	5190	Ant1	11.35	24	Pass
NVNT	n40	5230	Ant1	12.85	24	Pass
NVNT	ac20	5180	Ant1	12.74	24	Pass
NVNT	ac20	5200	Ant1	12.41	24	Pass
NVNT	ac20	5240	Ant1	12.94	24	Pass
NVNT	ac40	5190	Ant1	11.47	24	Pass
NVNT	ac40	5230	Ant1	12.84	24	Pass
NVNT	ac80	5210	Ant1	11.07	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	22.755	Pass
NVNT	a	5200	Ant1	20.931	Pass
NVNT	a	5240	Ant1	19.974	Pass
NVNT	n20	5180	Ant1	21.789	Pass
NVNT	n20	5200	Ant1	21.849	Pass
NVNT	n20	5240	Ant1	23.328	Pass
NVNT	n40	5190	Ant1	53.562	Pass
NVNT	n40	5230	Ant1	59.178	Pass
NVNT	ac20	5180	Ant1	23.685	Pass
NVNT	ac20	5200	Ant1	23.073	Pass
NVNT	ac20	5240	Ant1	20.151	Pass
NVNT	ac40	5190	Ant1	49.656	Pass
NVNT	ac40	5230	Ant1	56.682	Pass
NVNT	ac80	5210	Ant1	95.82	Pass

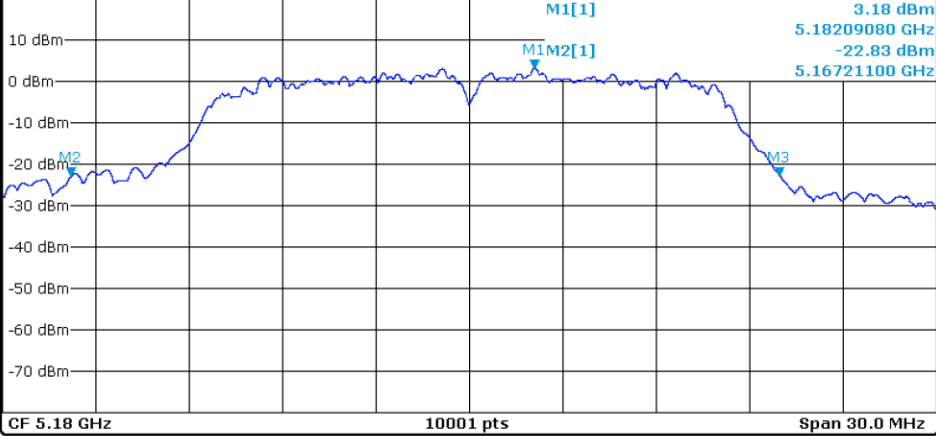
Test Graphs

-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

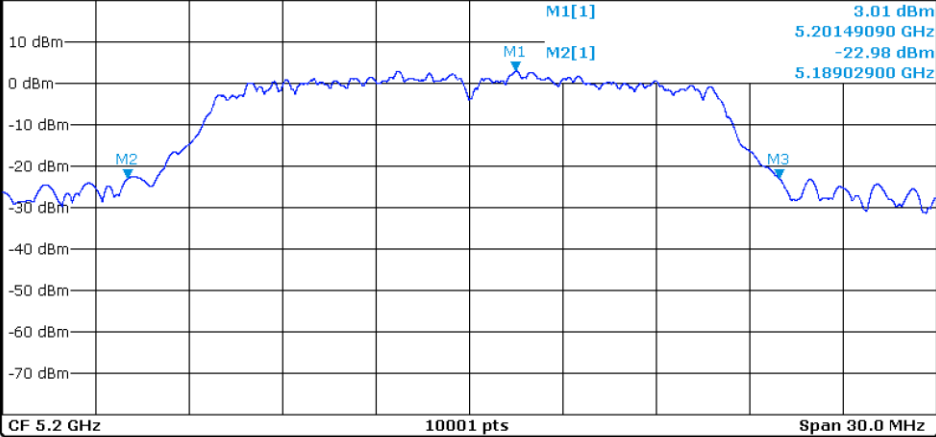
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.1820908 GHz	3.18 dBm		
M2	1		5.167211 GHz	-22.83 dBm		
M3	1		5.189966 GHz	-22.81 dBm		

-26dB Bandwidth NVNT a 5200MHz Ant1

Spectrum

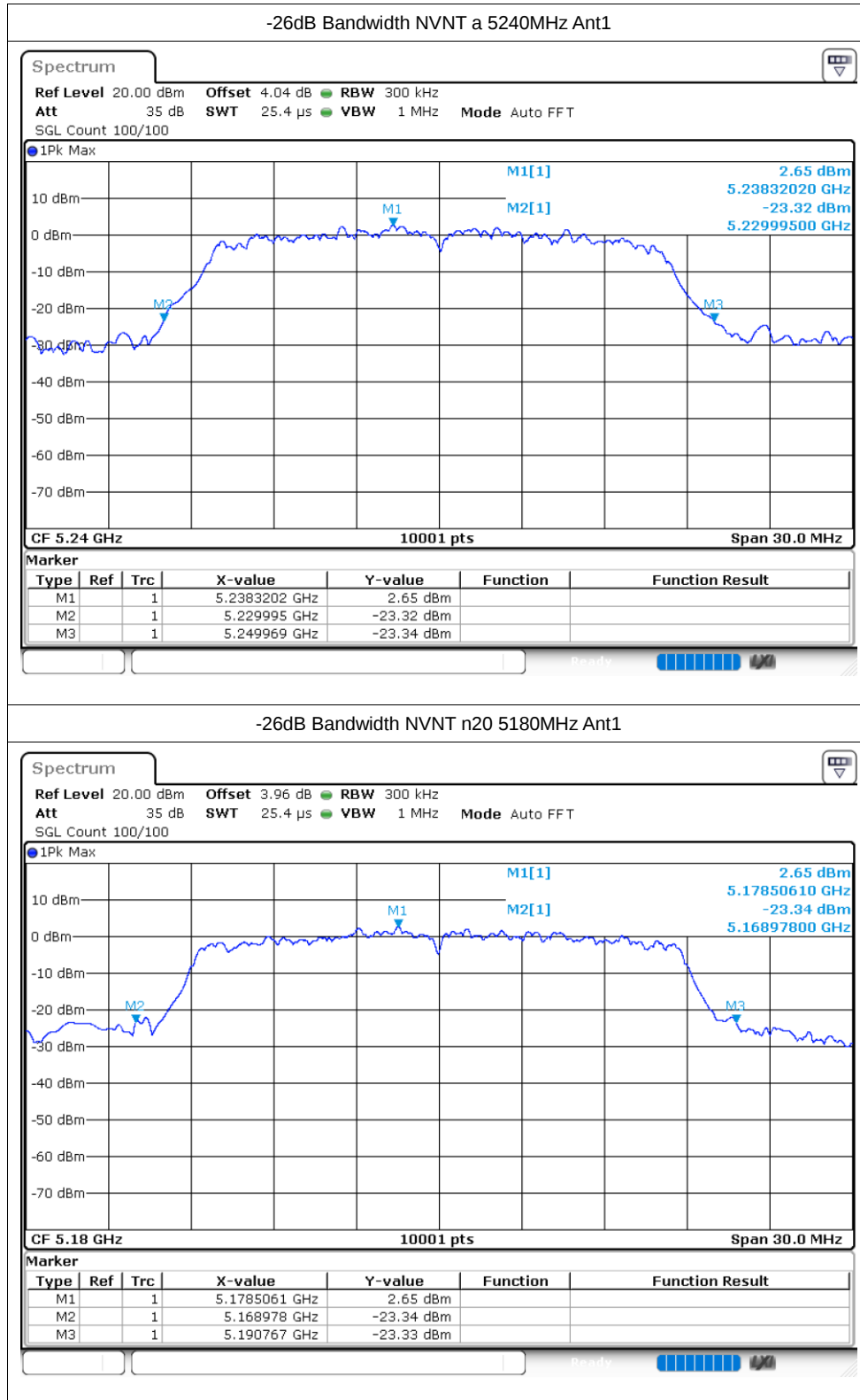
Ref Level 20.00 dBm Offset 4.02 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

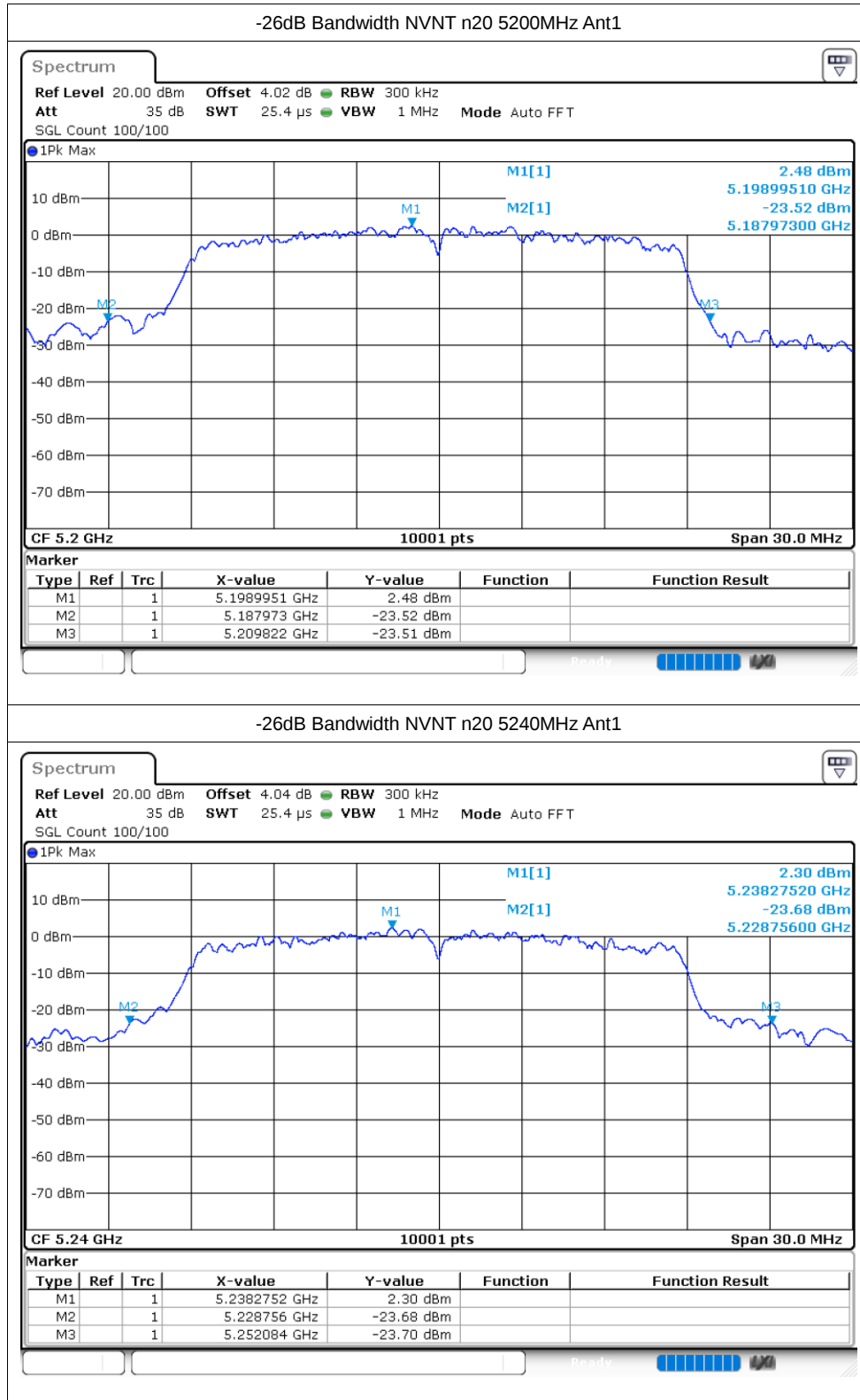
1Pk Max

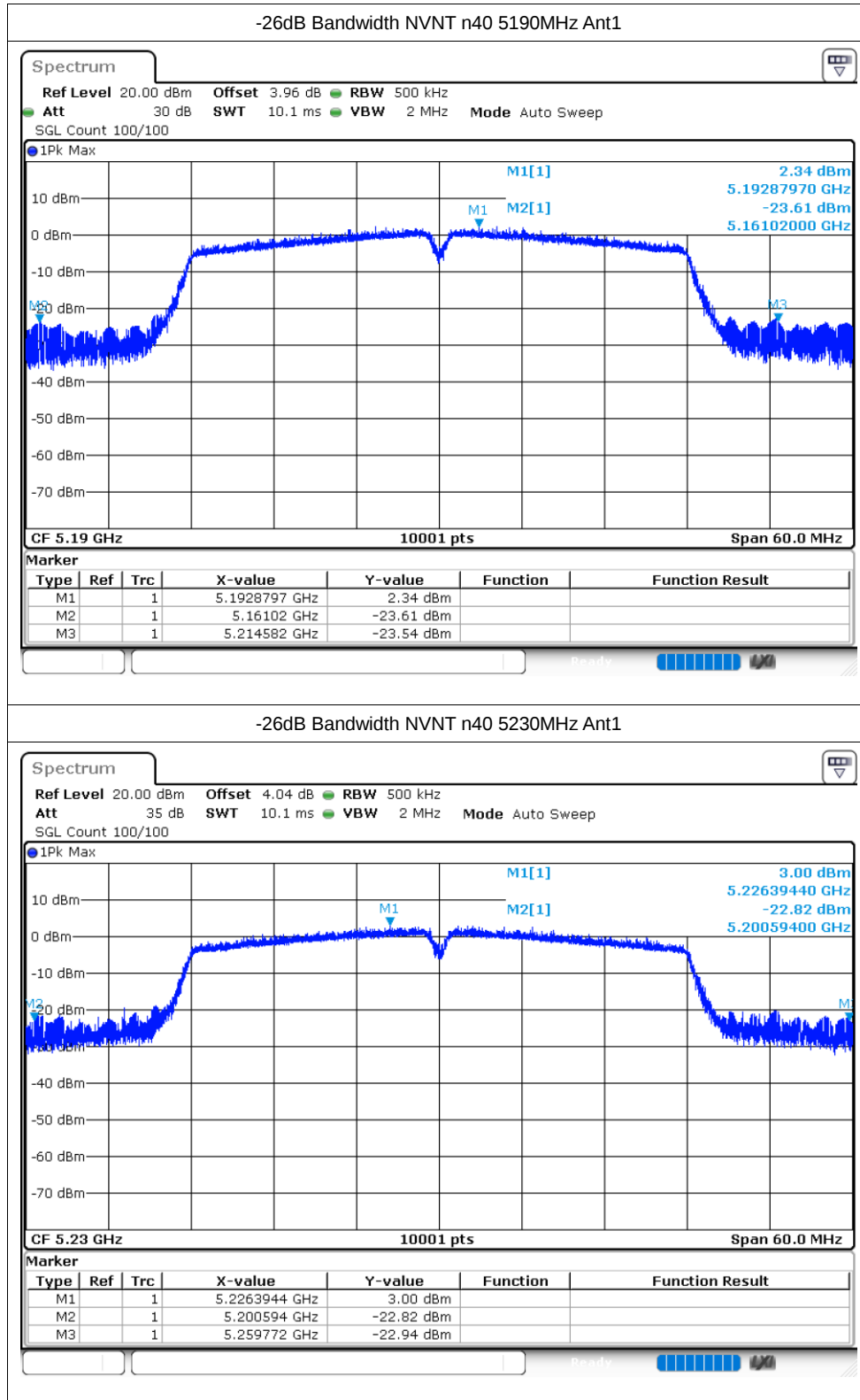


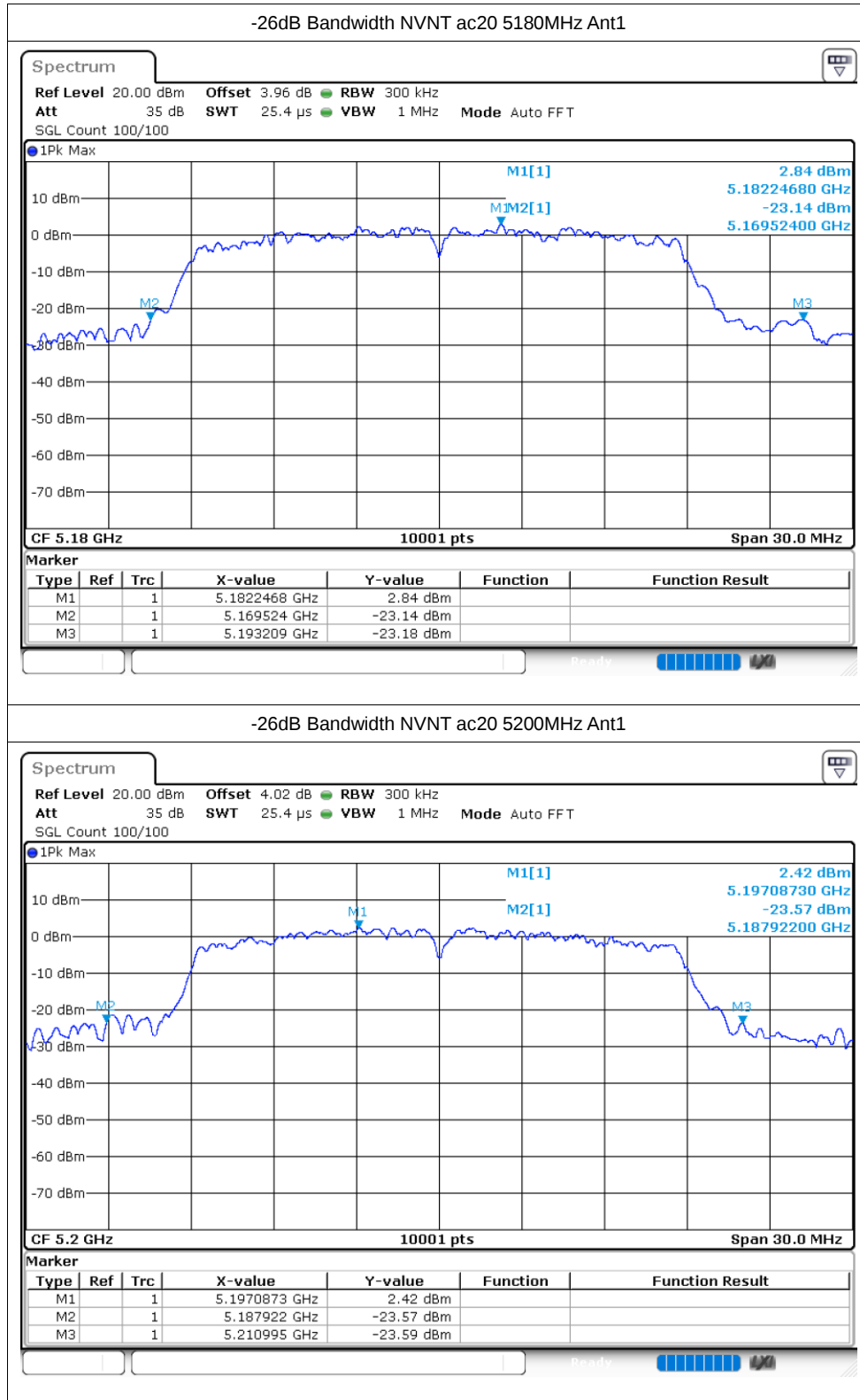
Marker

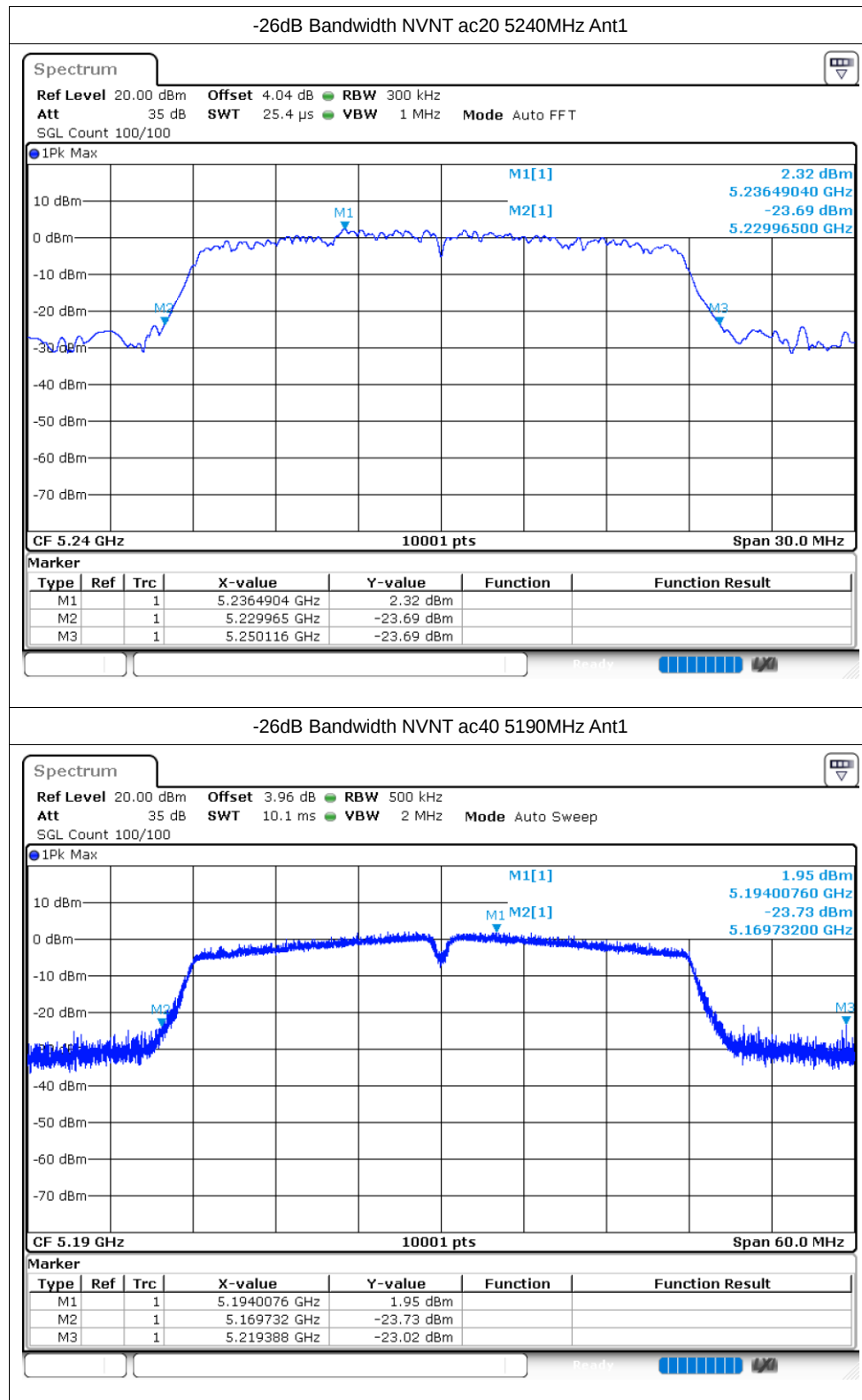
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.2014909 GHz	3.01 dBm		
M2	1		5.189029 GHz	-22.98 dBm		
M3	1		5.20996 GHz	-22.97 dBm		

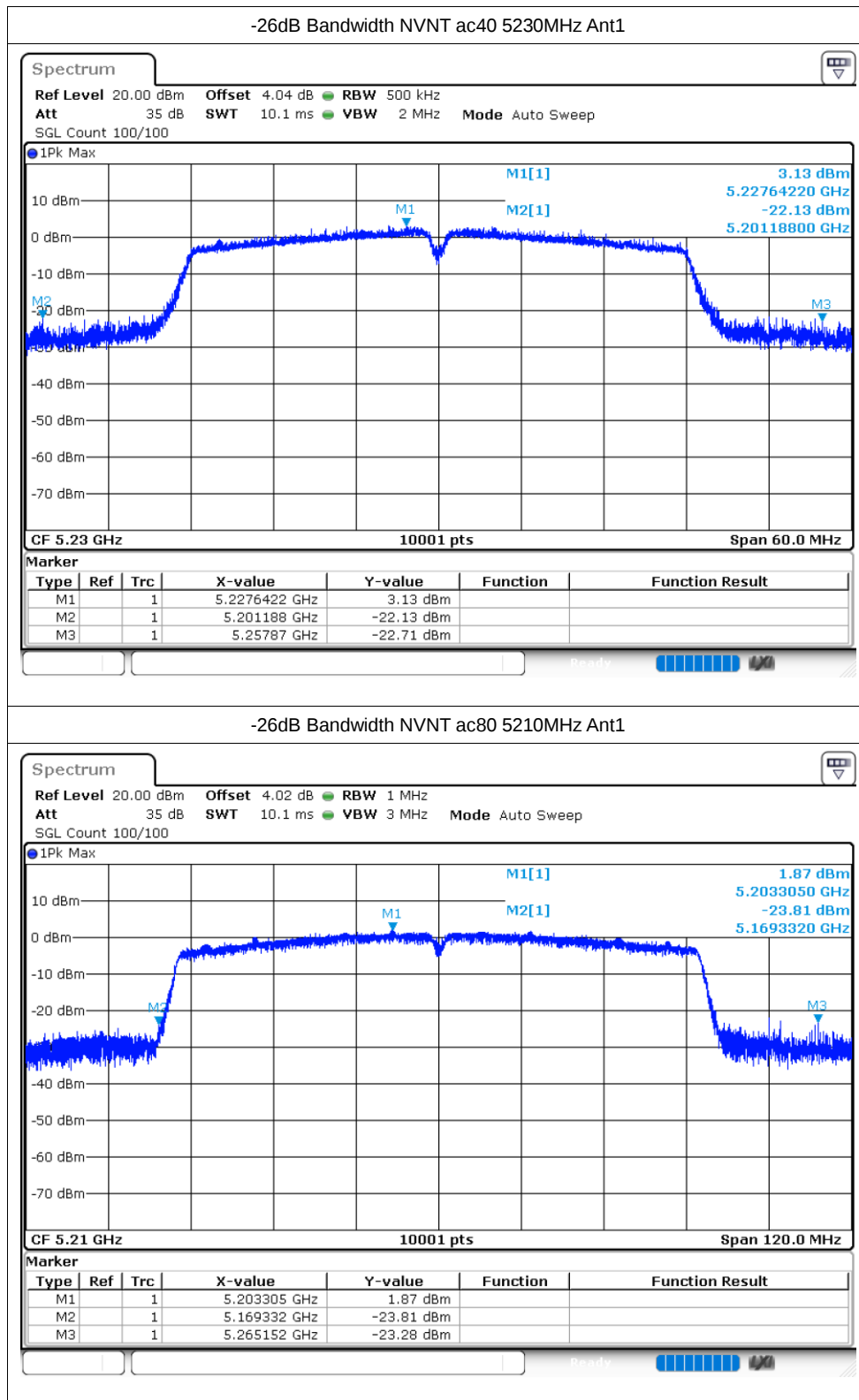










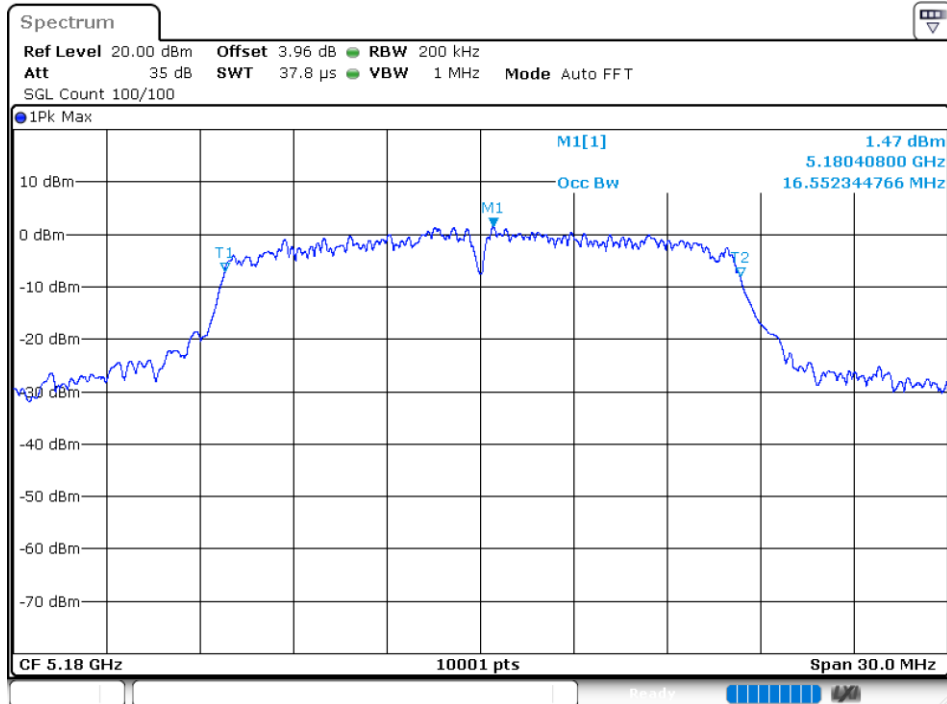


Occupied Channel Bandwidth

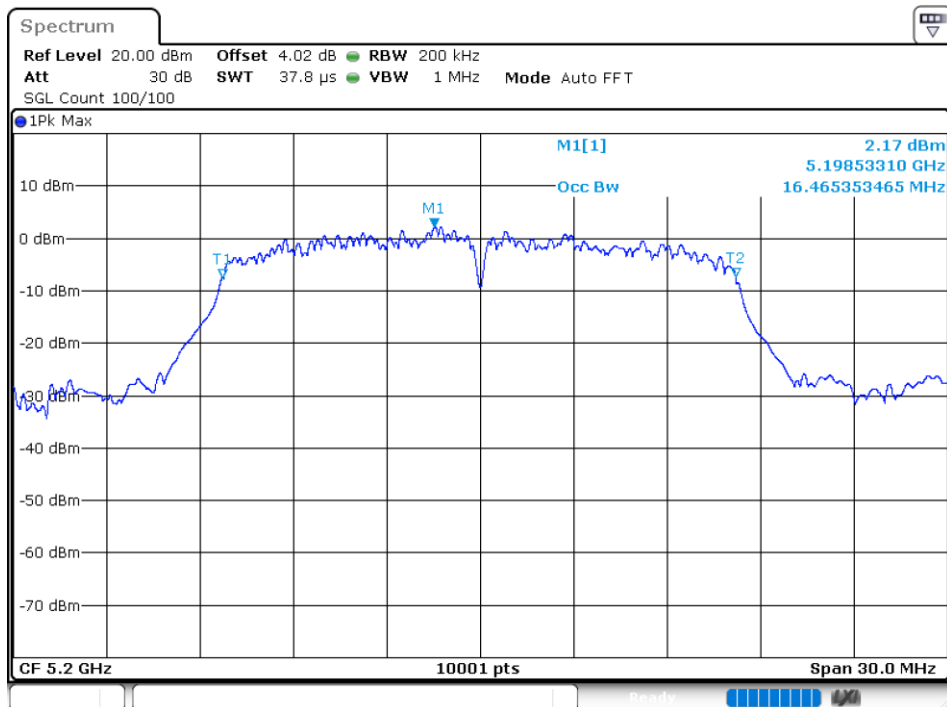
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.552
NVNT	a	5200	Ant1	16.465
NVNT	a	5240	Ant1	16.456
NVNT	n20	5180	Ant1	17.584
NVNT	n20	5200	Ant1	17.557
NVNT	n20	5240	Ant1	17.584
NVNT	n40	5190	Ant1	36.008
NVNT	n40	5230	Ant1	36.122
NVNT	ac20	5180	Ant1	17.599
NVNT	ac20	5200	Ant1	17.629
NVNT	ac20	5240	Ant1	17.632
NVNT	ac40	5190	Ant1	35.96
NVNT	ac40	5230	Ant1	36.062
NVNT	ac80	5210	Ant1	75.052

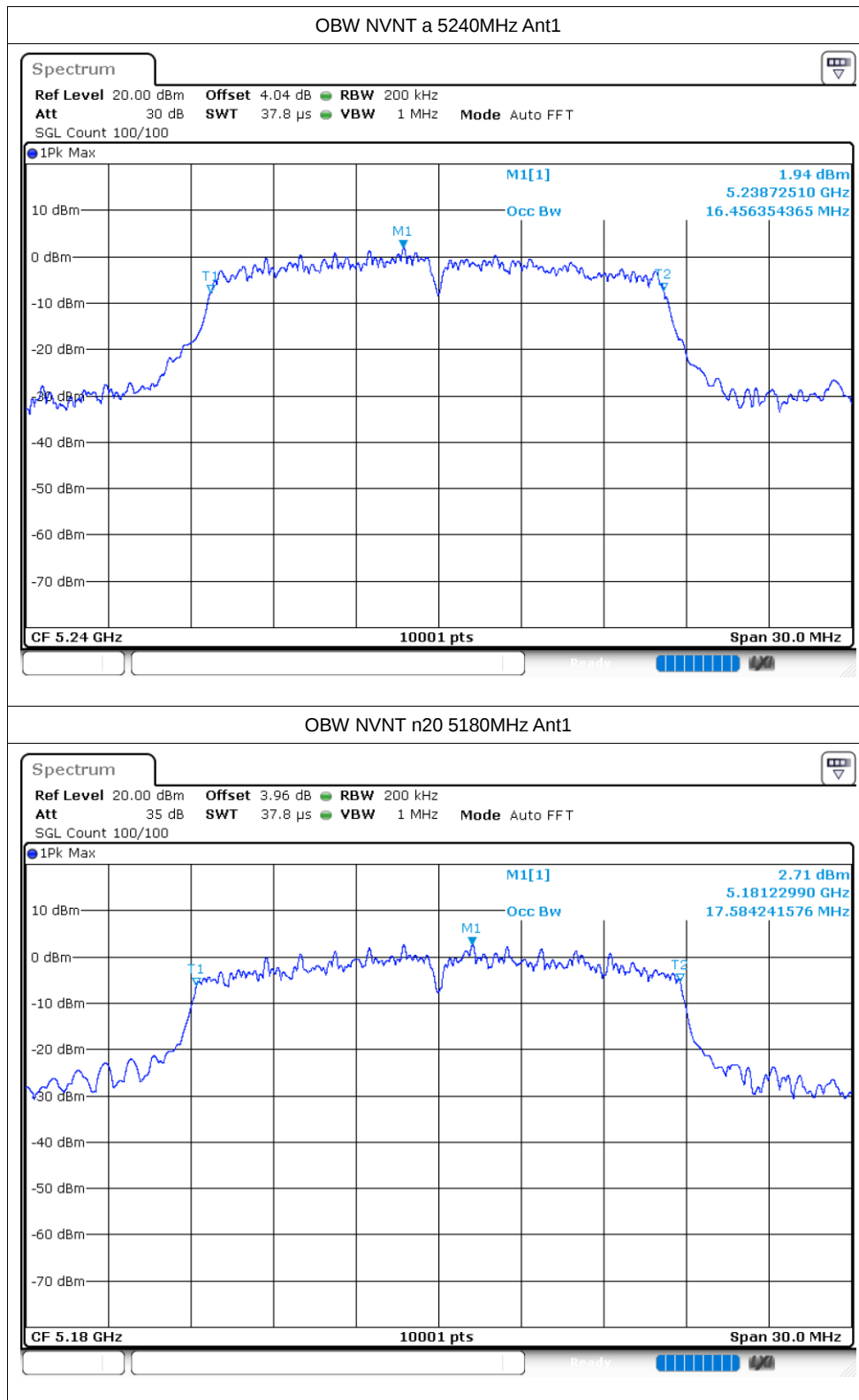
Test Graphs

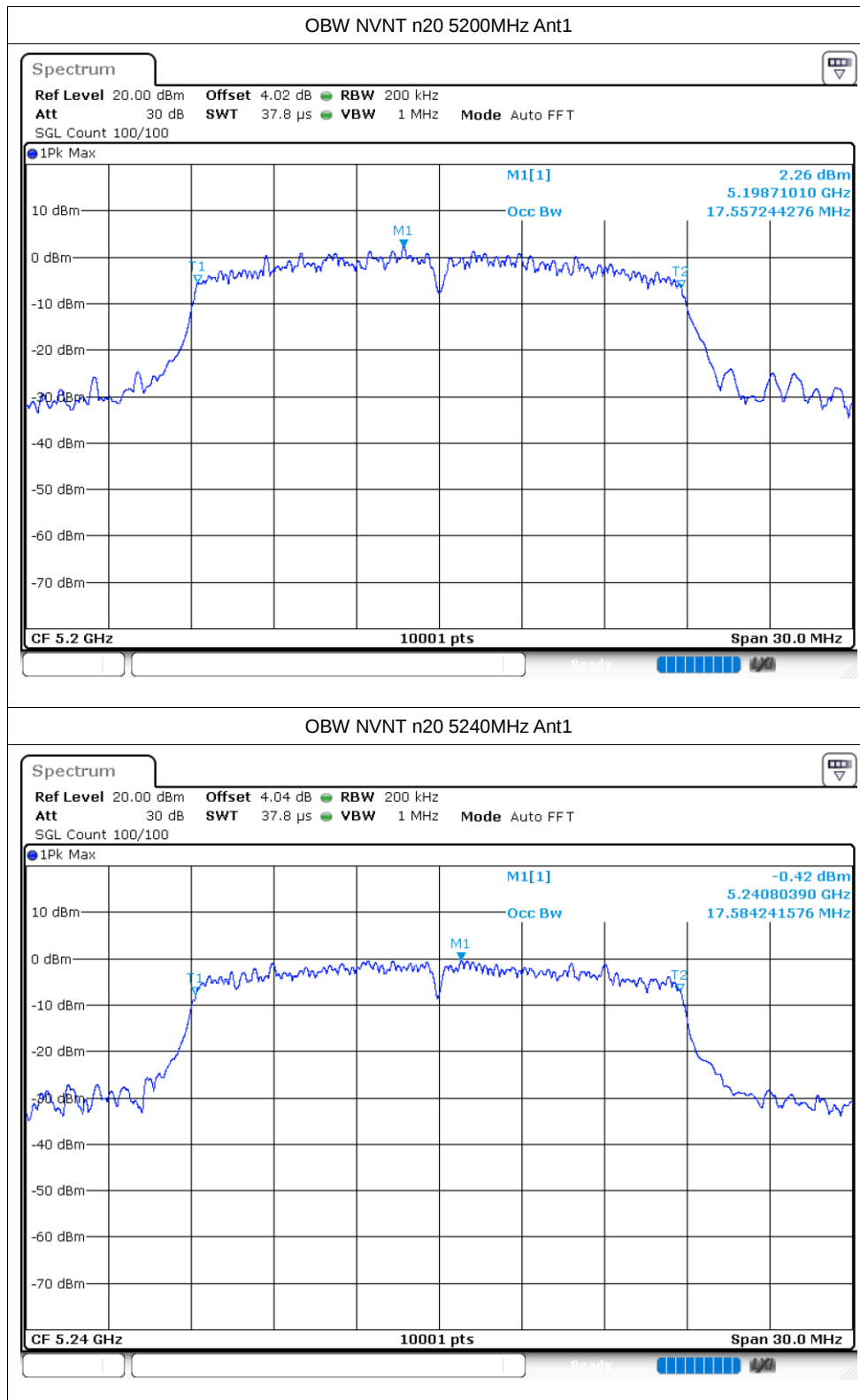
OBW NVNT a 5180MHz Ant1

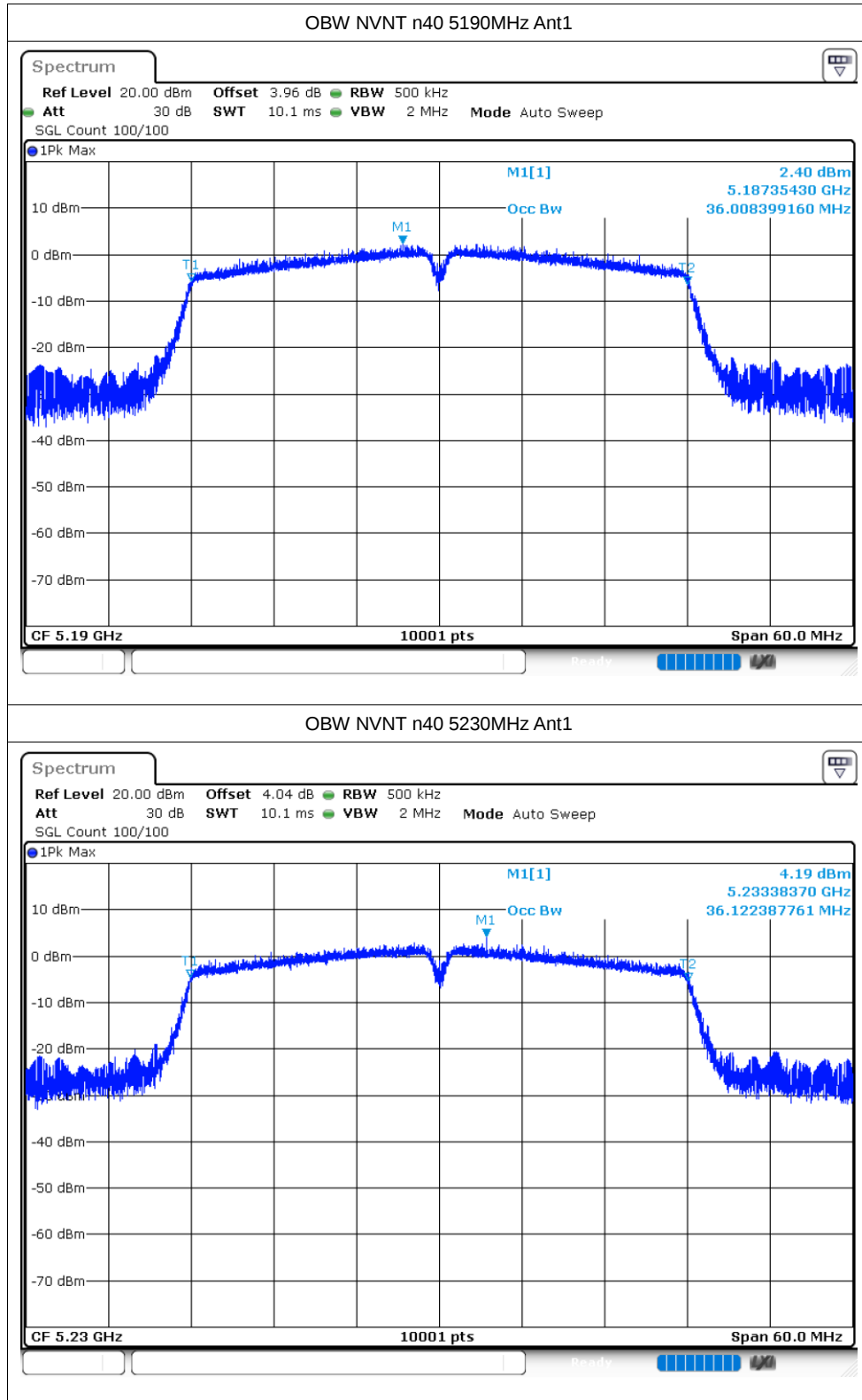


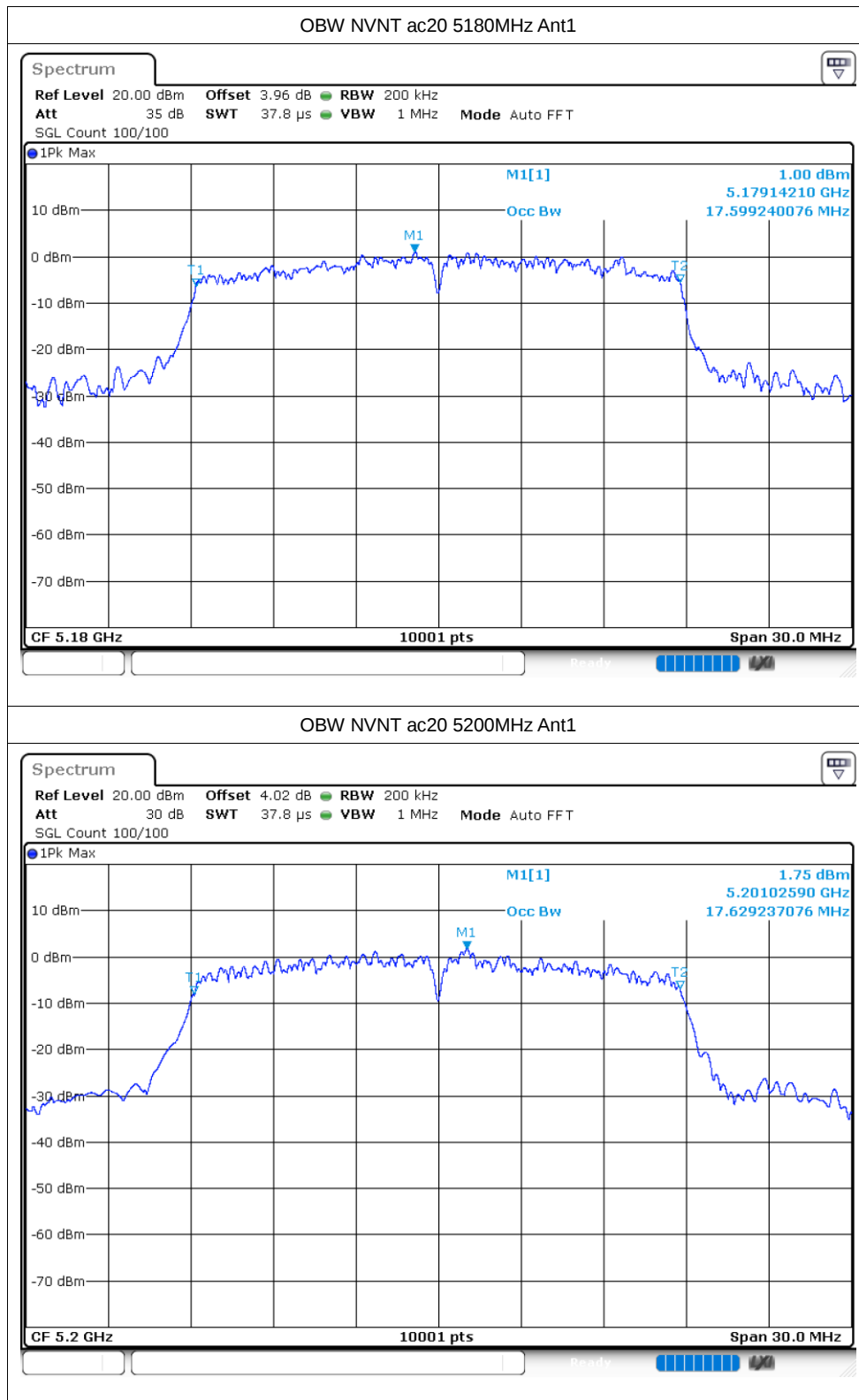
OBW NVNT a 5200MHz Ant1

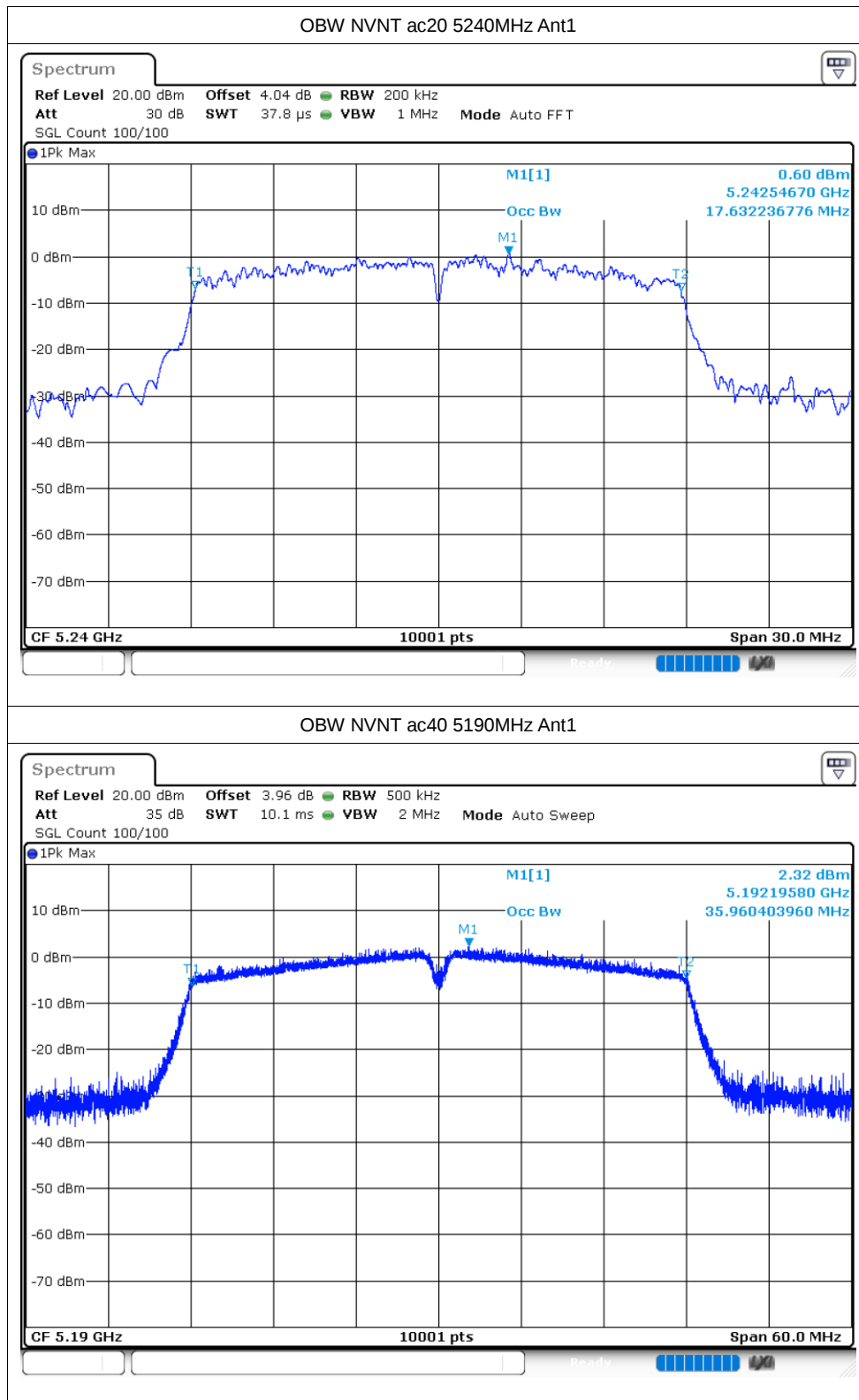


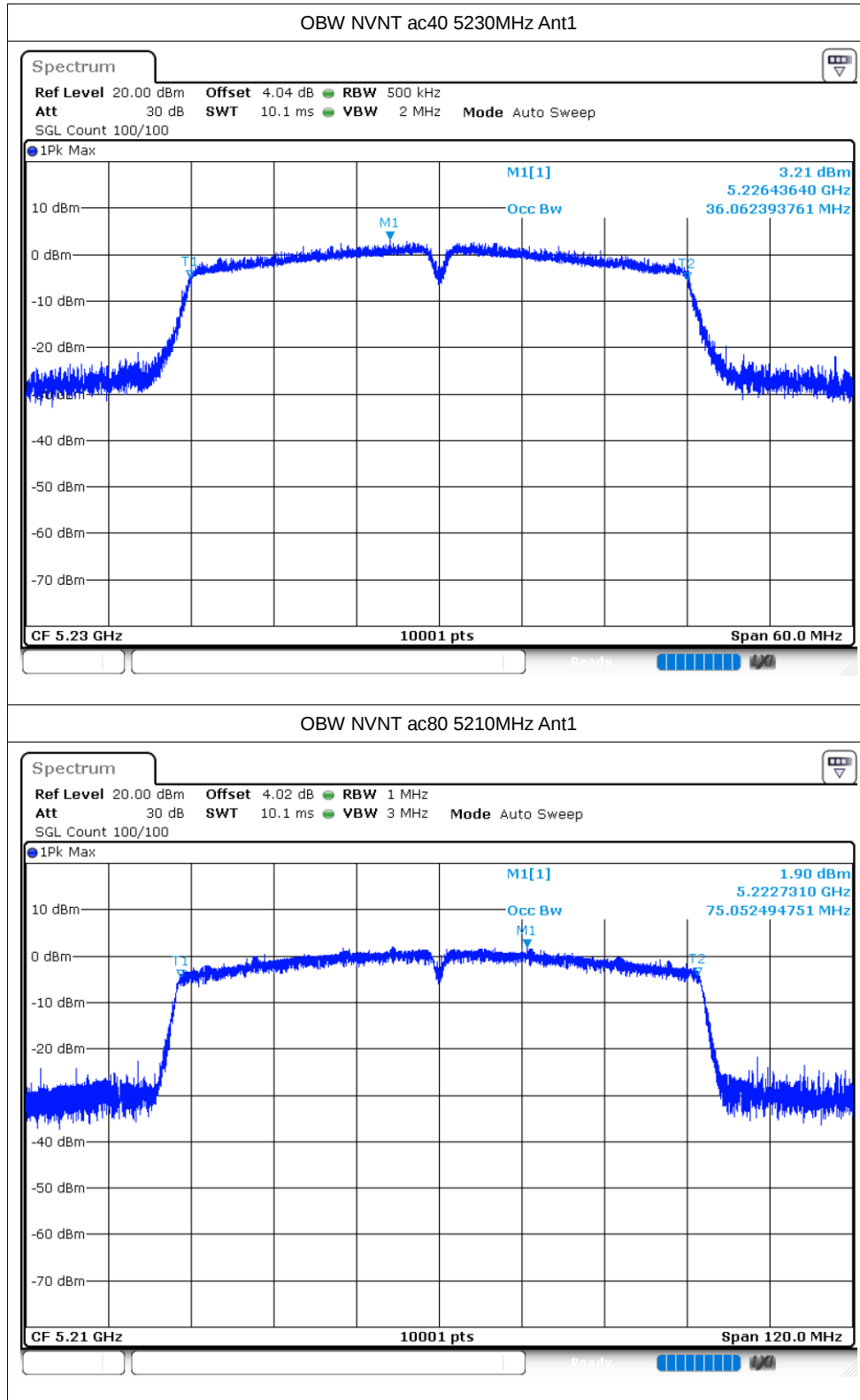










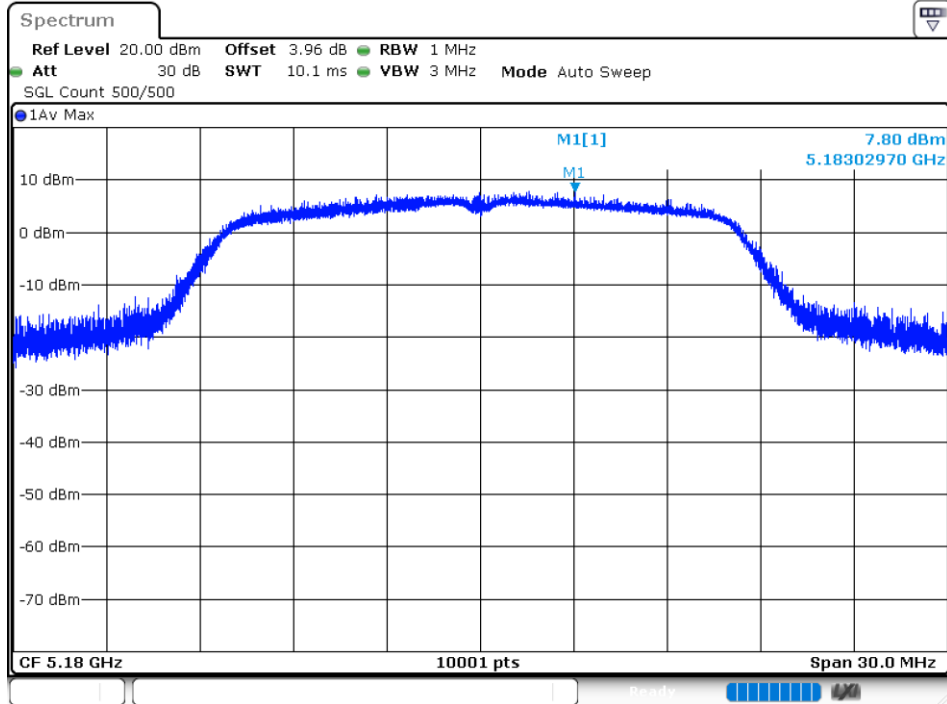


Maximum Power Spectral Density Level

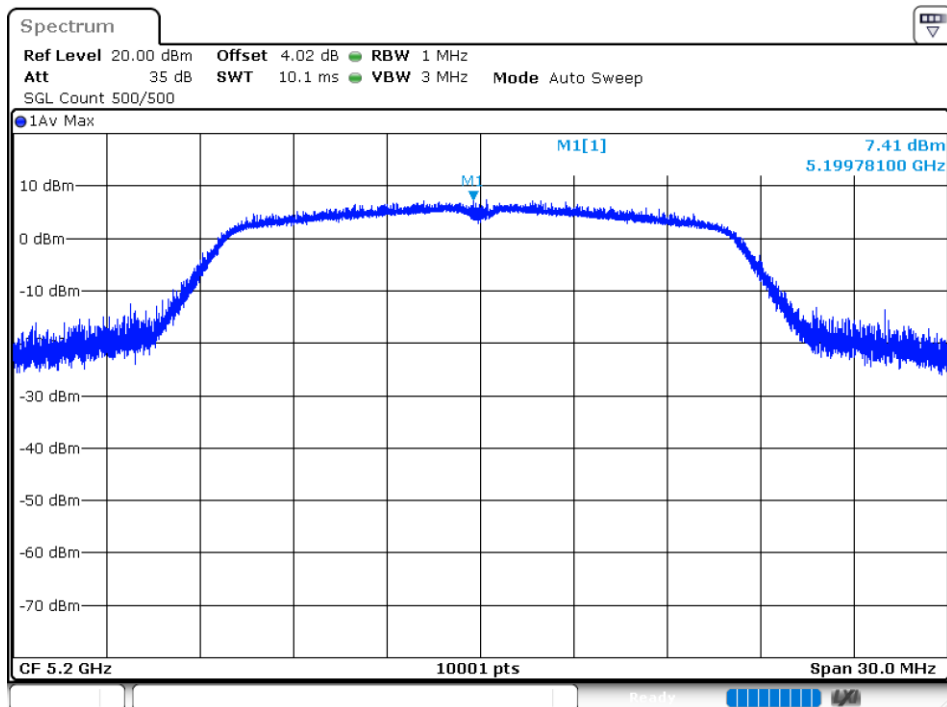
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	7.8	0.08	7.88	11	Pass
NVNT	a	5200	Ant1	7.41	0.08	7.49	11	Pass
NVNT	a	5240	Ant1	6.8	0.08	6.88	11	Pass
NVNT	n20	5180	Ant1	7.43	0.09	7.52	11	Pass
NVNT	n20	5200	Ant1	7.2	0.09	7.29	11	Pass
NVNT	n20	5240	Ant1	6.6	0.09	6.69	11	Pass
NVNT	n40	5190	Ant1	3.68	0.16	3.84	11	Pass
NVNT	n40	5230	Ant1	4.16	0.16	4.32	11	Pass
NVNT	ac20	5180	Ant1	7.1	0.08	7.18	11	Pass
NVNT	ac20	5200	Ant1	7.75	0.08	7.83	11	Pass
NVNT	ac20	5240	Ant1	6.84	0.08	6.92	11	Pass
NVNT	ac40	5190	Ant1	3.51	0.16	3.67	11	Pass
NVNT	ac40	5230	Ant1	4.34	0.16	4.5	11	Pass
NVNT	ac80	5210	Ant1	-0.15	0.31	0.16	11	Pass

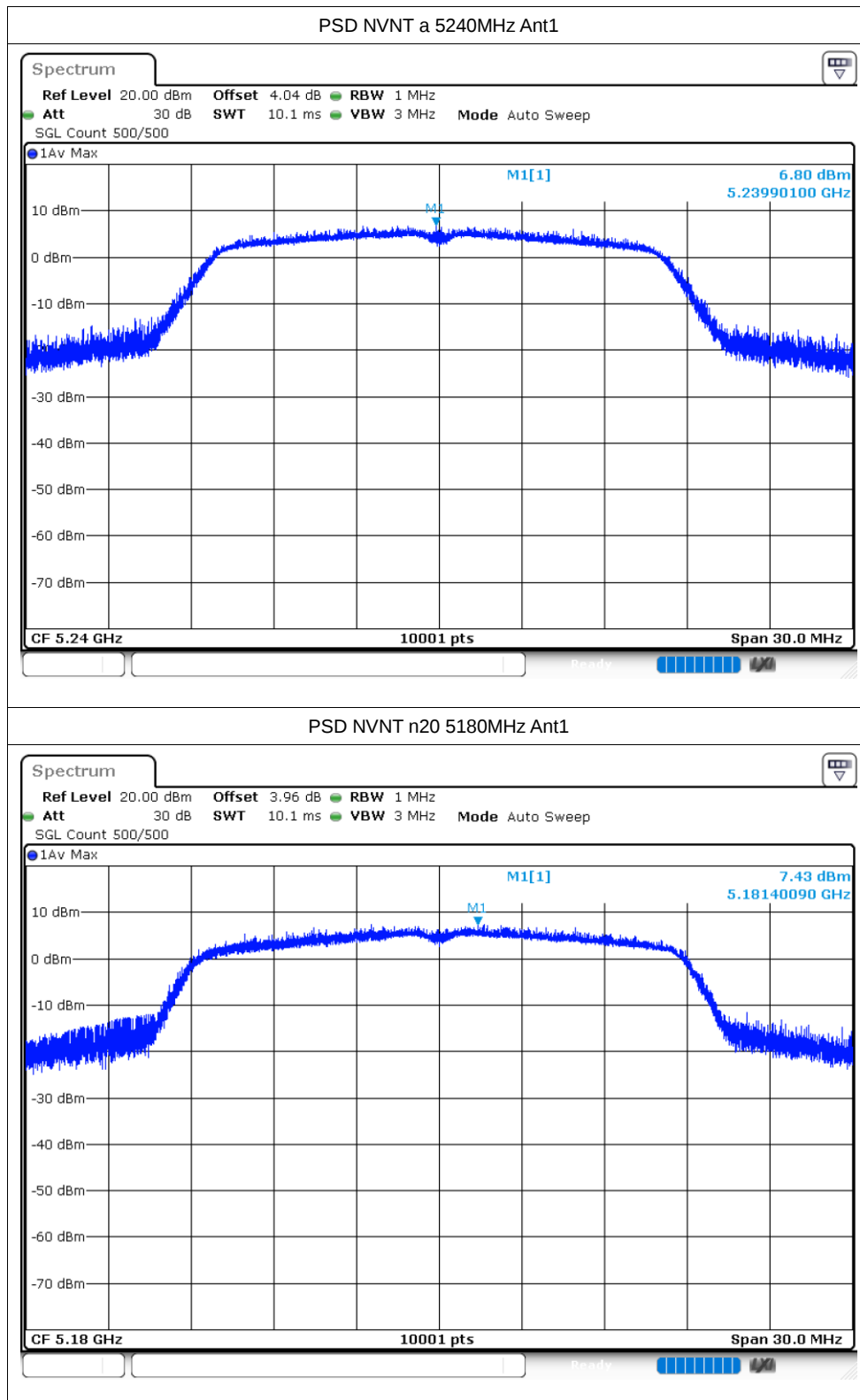
Test Graphs

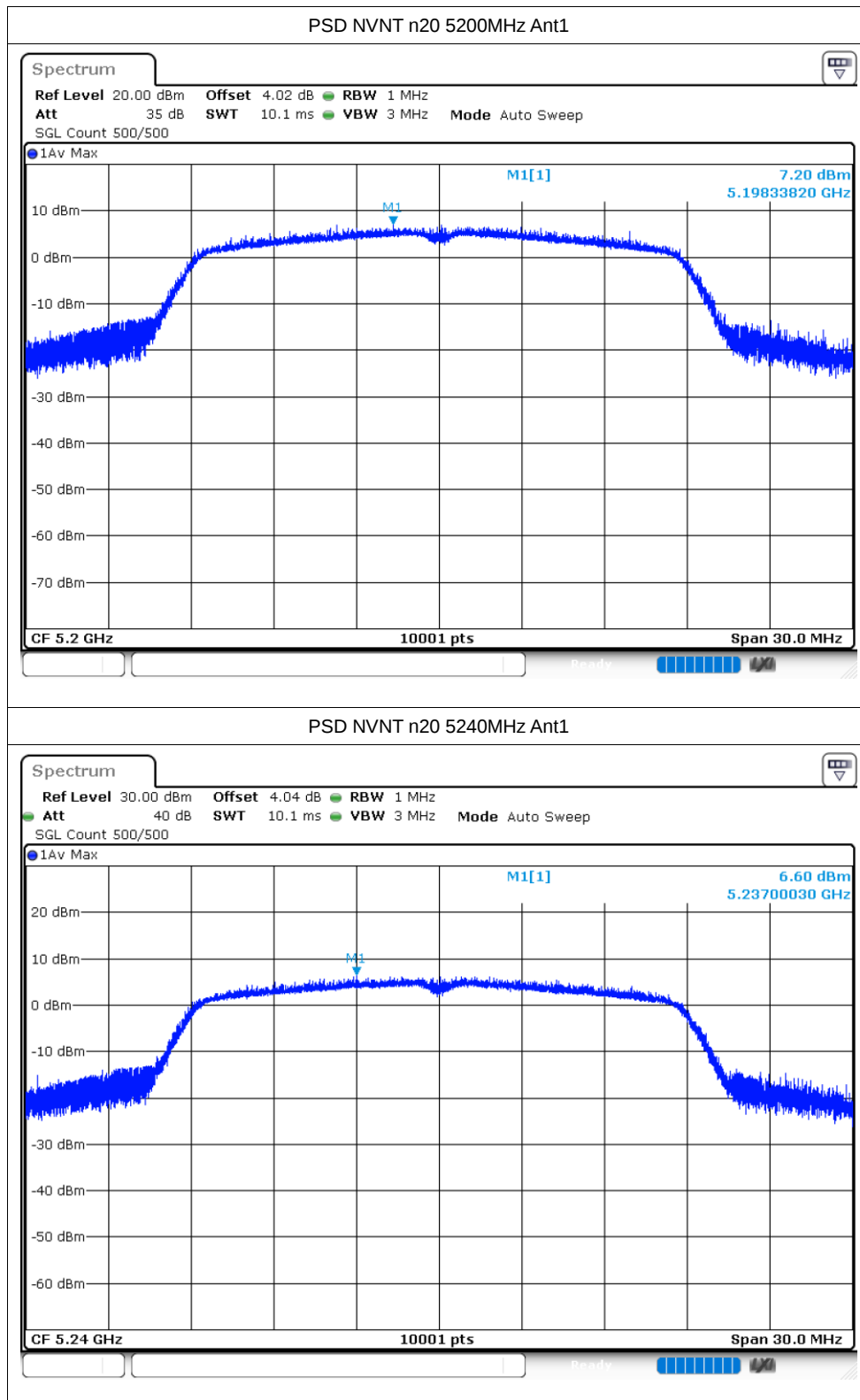
PSD NVNT a 5180MHz Ant1

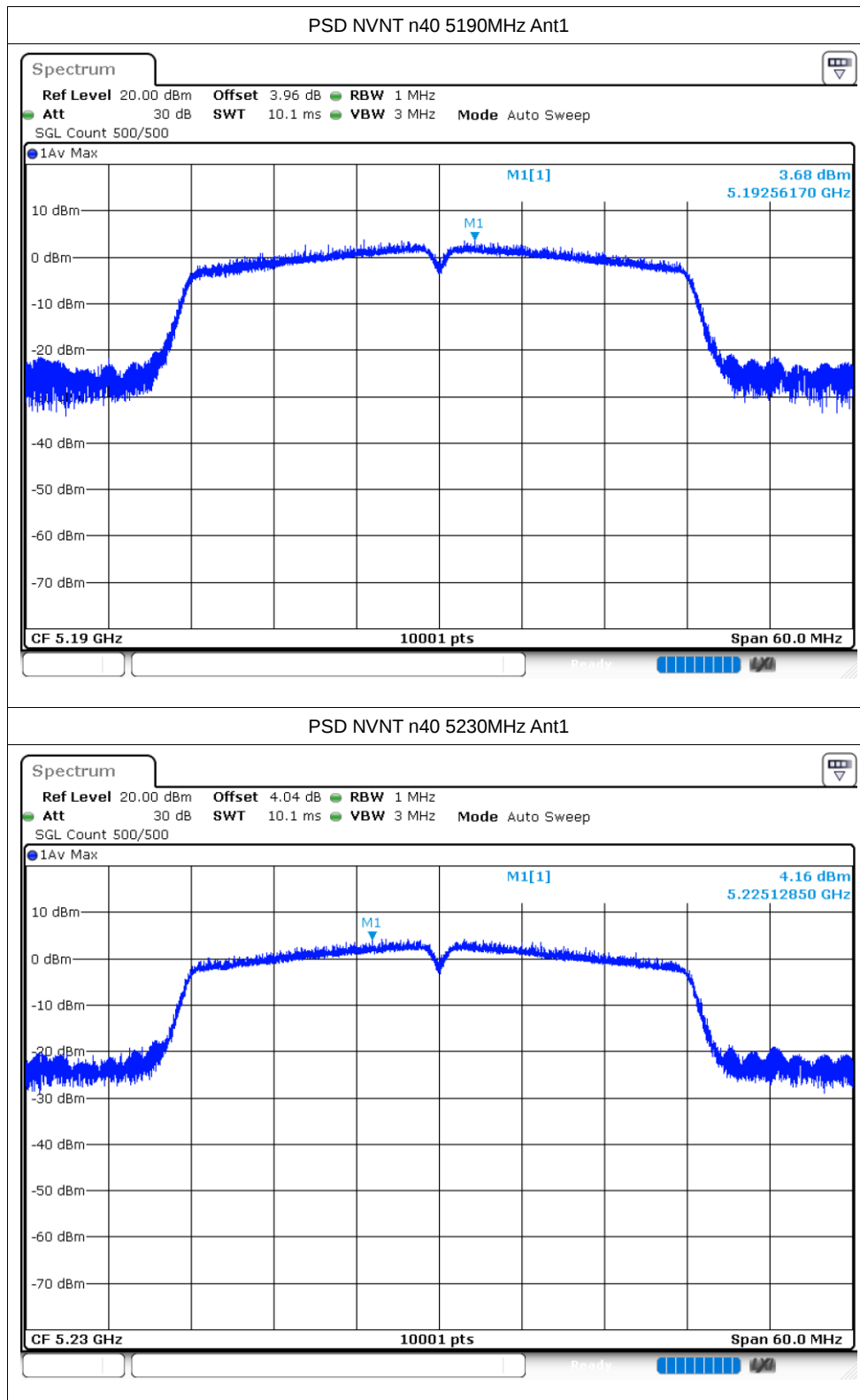


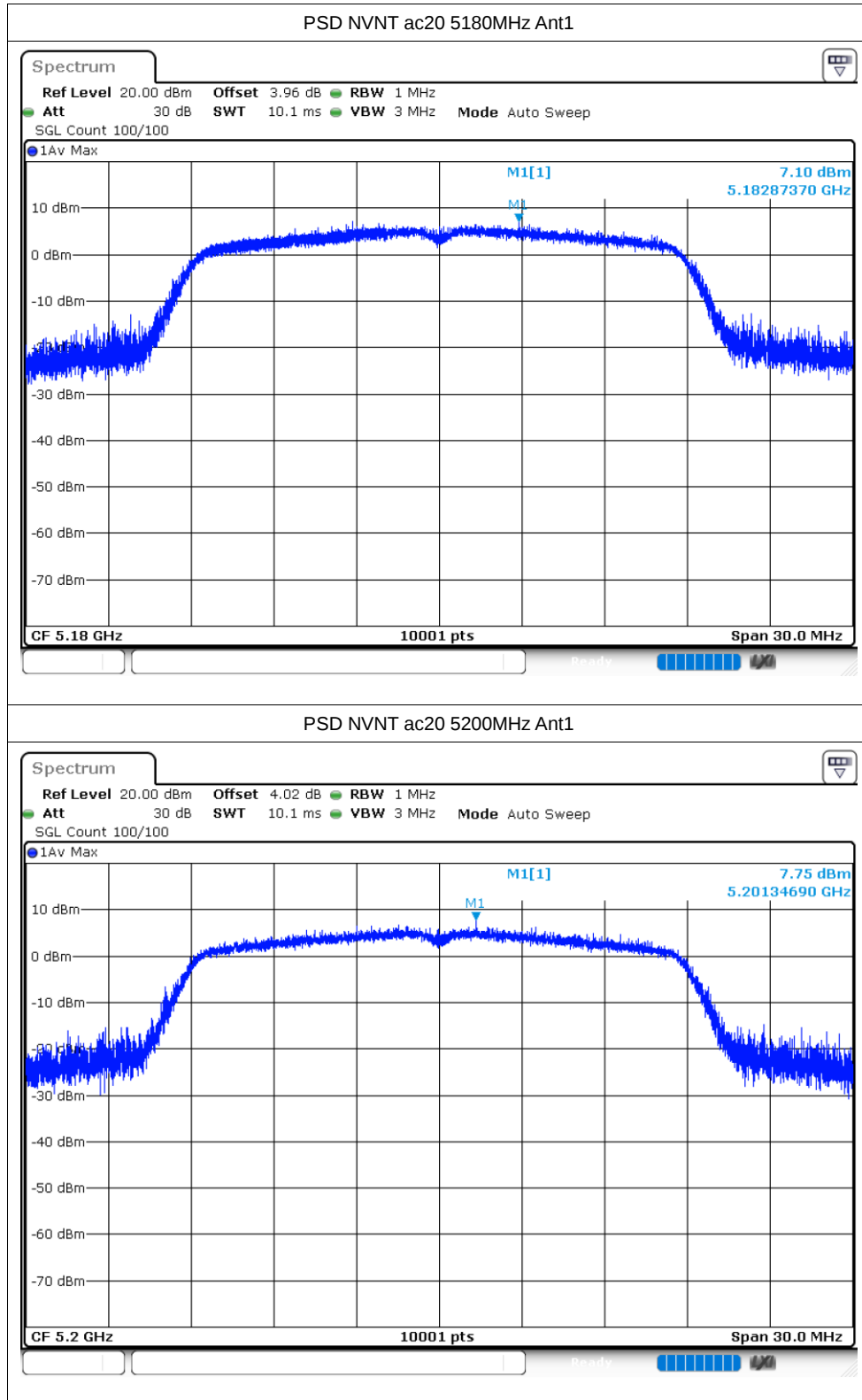
PSD NVNT a 5200MHz Ant1

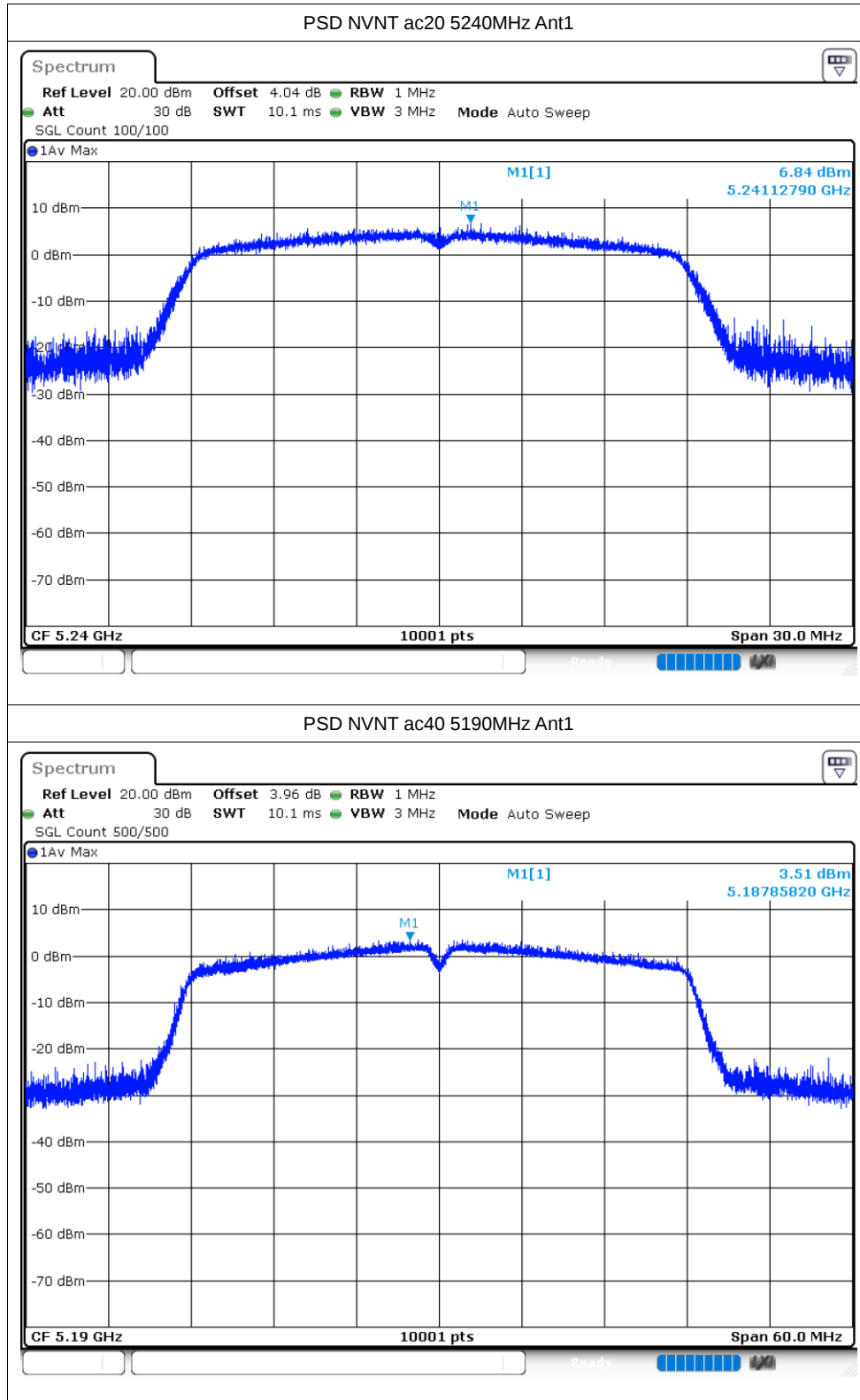


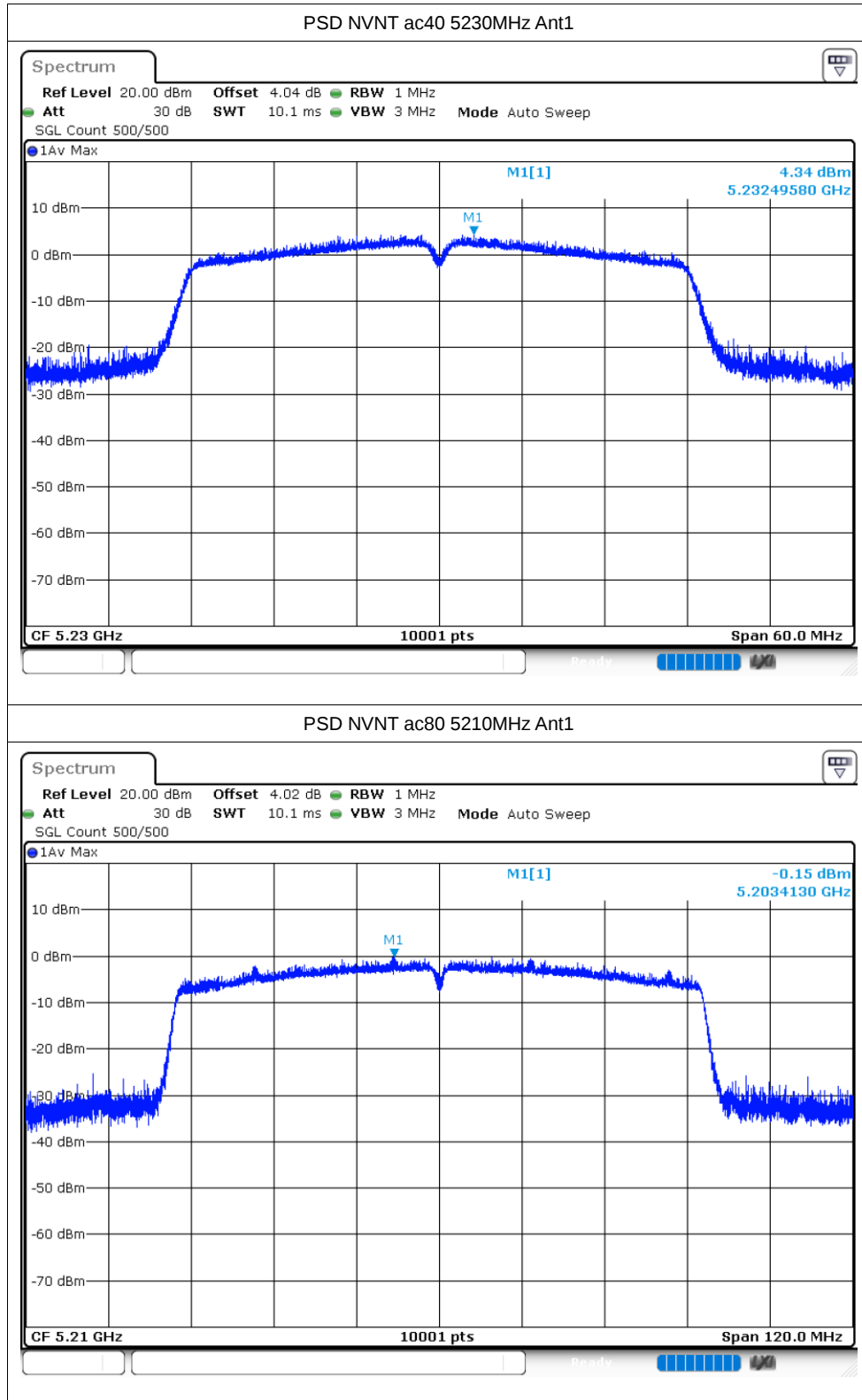










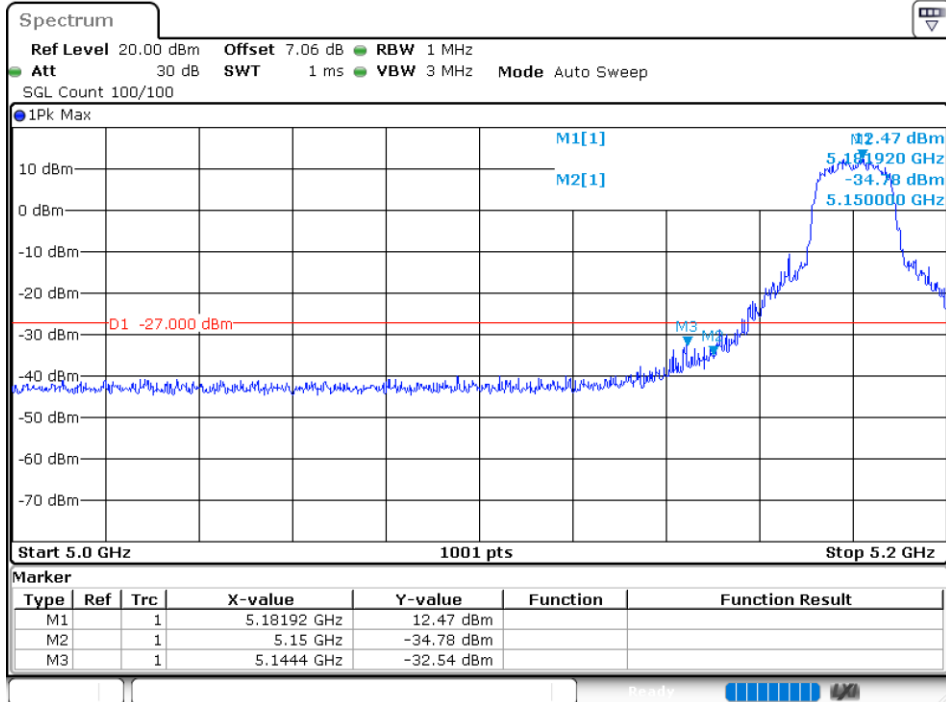


Band Edge

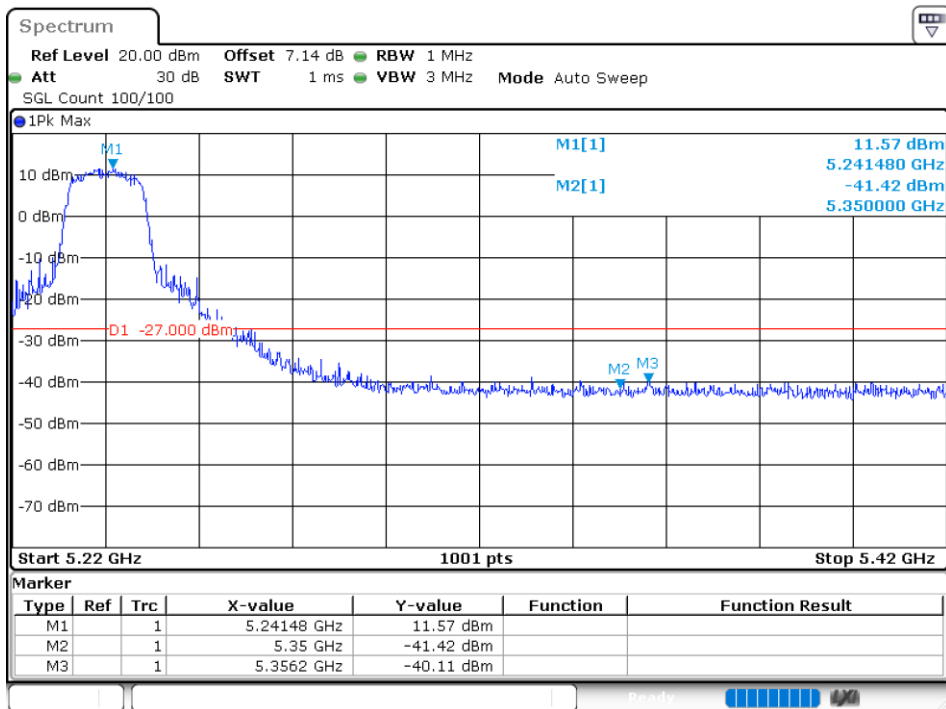
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-32.54	-27	Pass
NVNT	a	5240	Ant1	-40.1	-27	Pass
NVNT	n20	5180	Ant1	-28.44	-27	Pass
NVNT	n20	5240	Ant1	-38.68	-27	Pass
NVNT	n40	5190	Ant1	-27.42	-27	Pass
NVNT	n40	5230	Ant1	-37.38	-27	Pass
NVNT	ac20	5180	Ant1	-27.37	-27	Pass
NVNT	ac20	5240	Ant1	-40.05	-27	Pass
NVNT	ac40	5190	Ant1	-29.4	-27	Pass
NVNT	ac40	5230	Ant1	-39.57	-27	Pass
NVNT	ac80	5210	Ant1	-34.96	-27	Pass

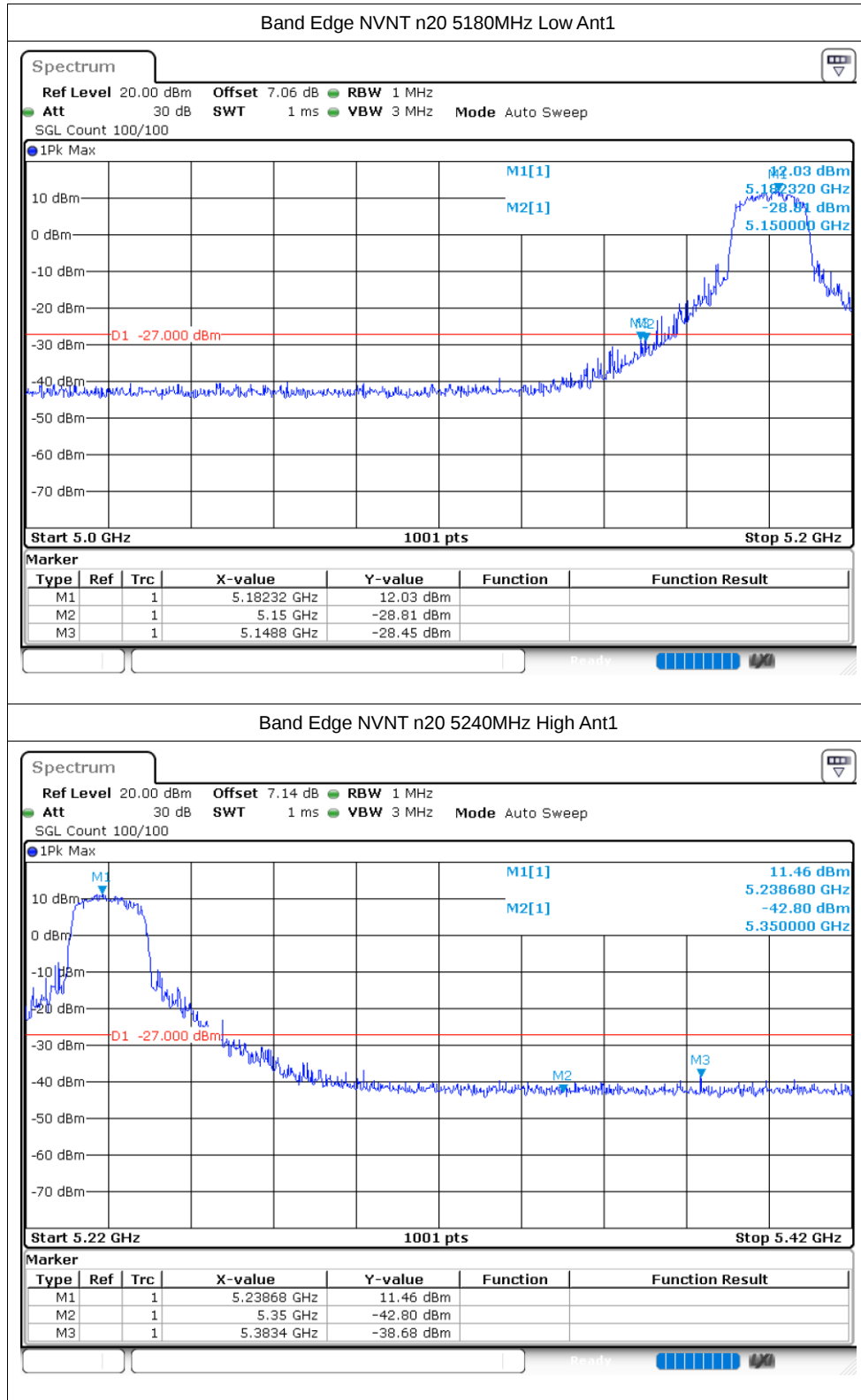
Test Graphs

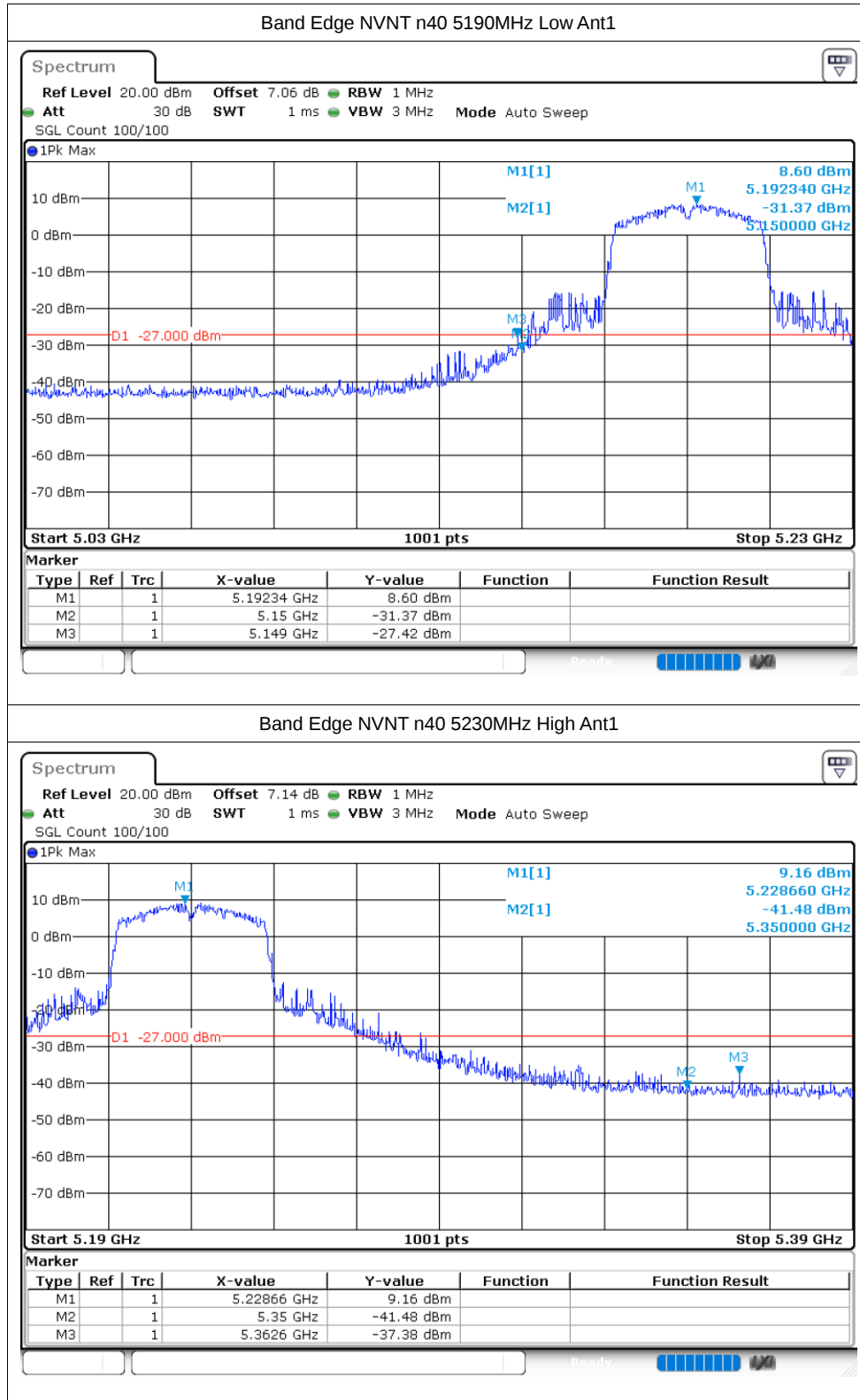
Band Edge NVNT a 5180MHz Low Ant1

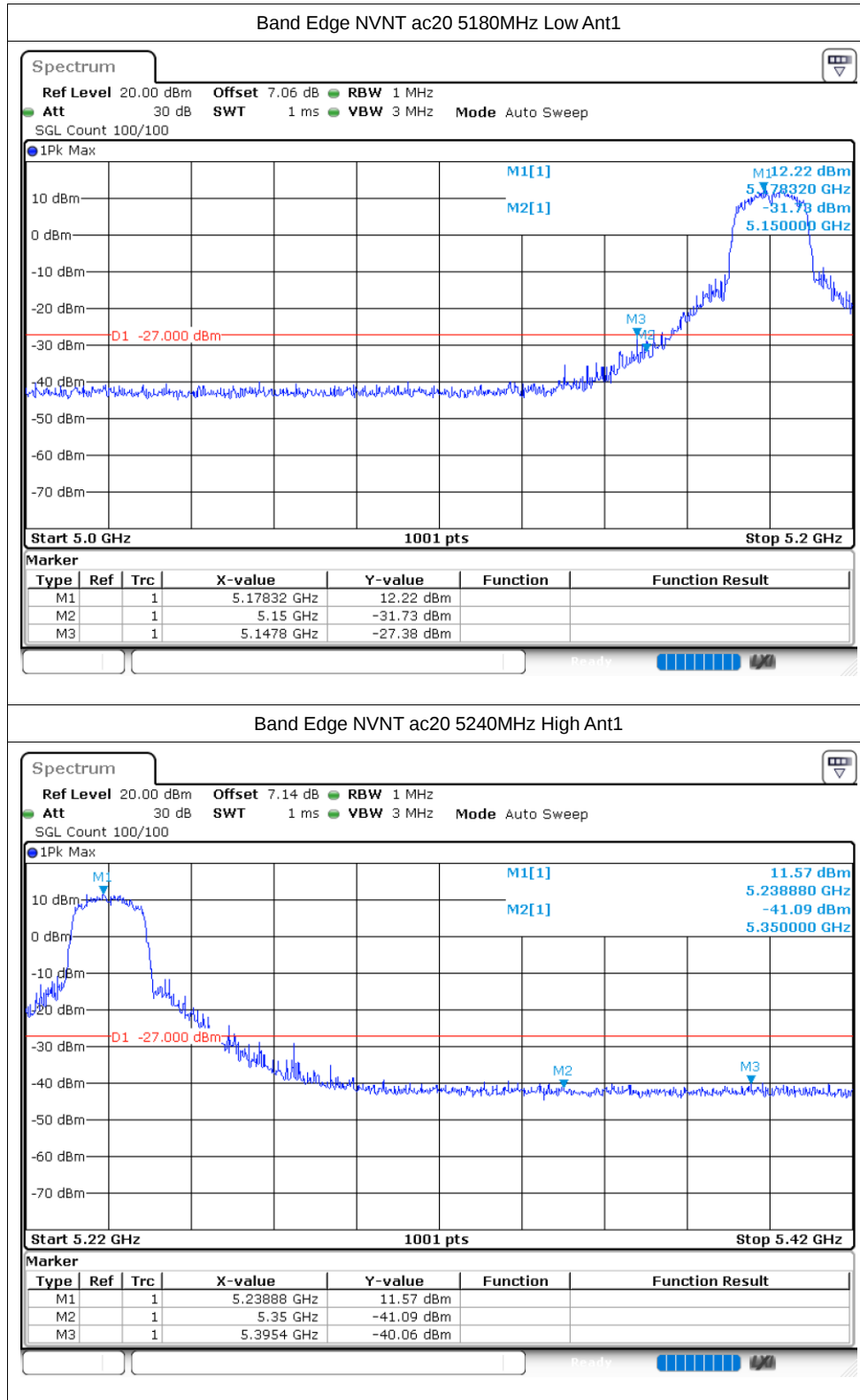


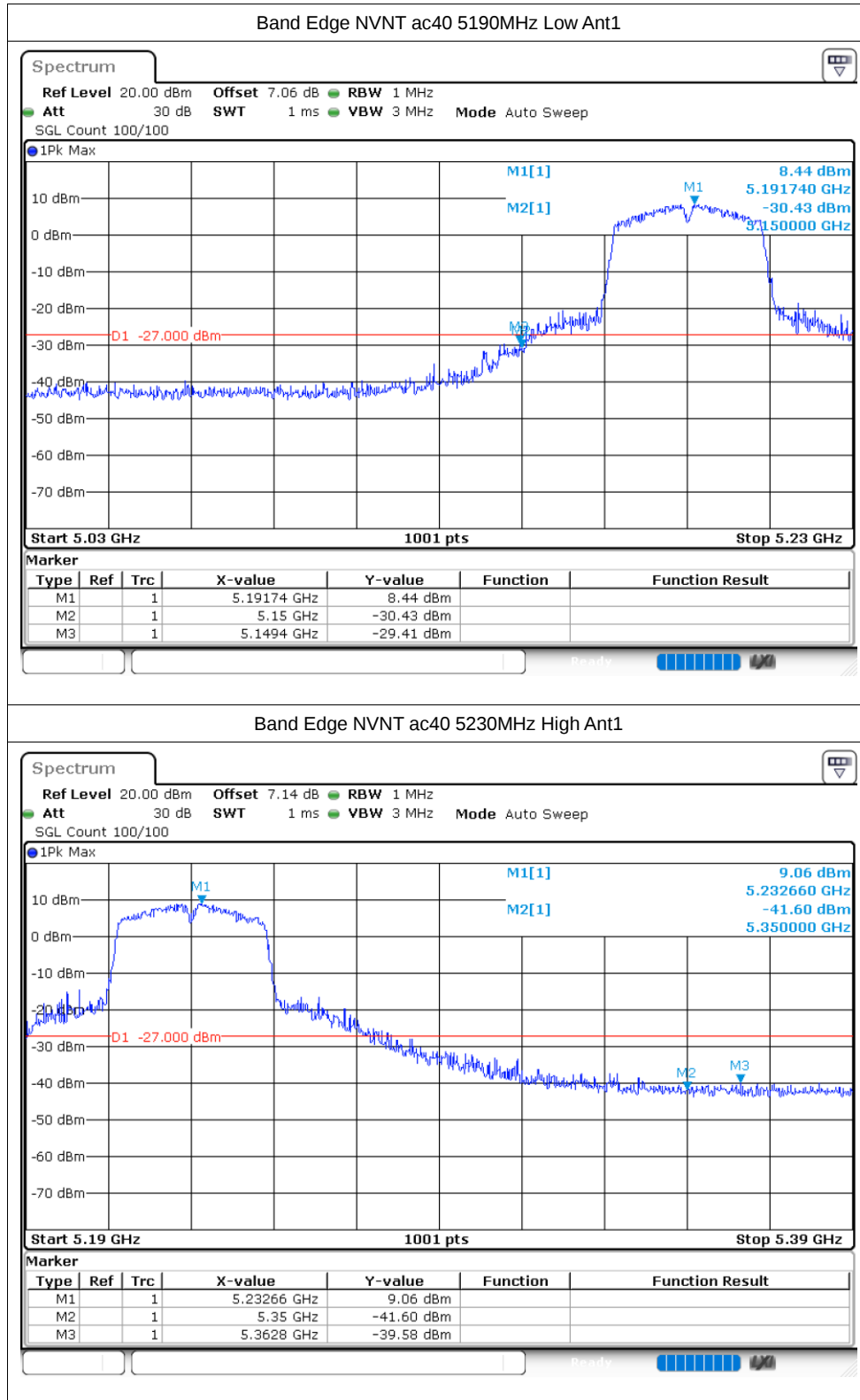
Band Edge NVNT a 5240MHz High Ant1

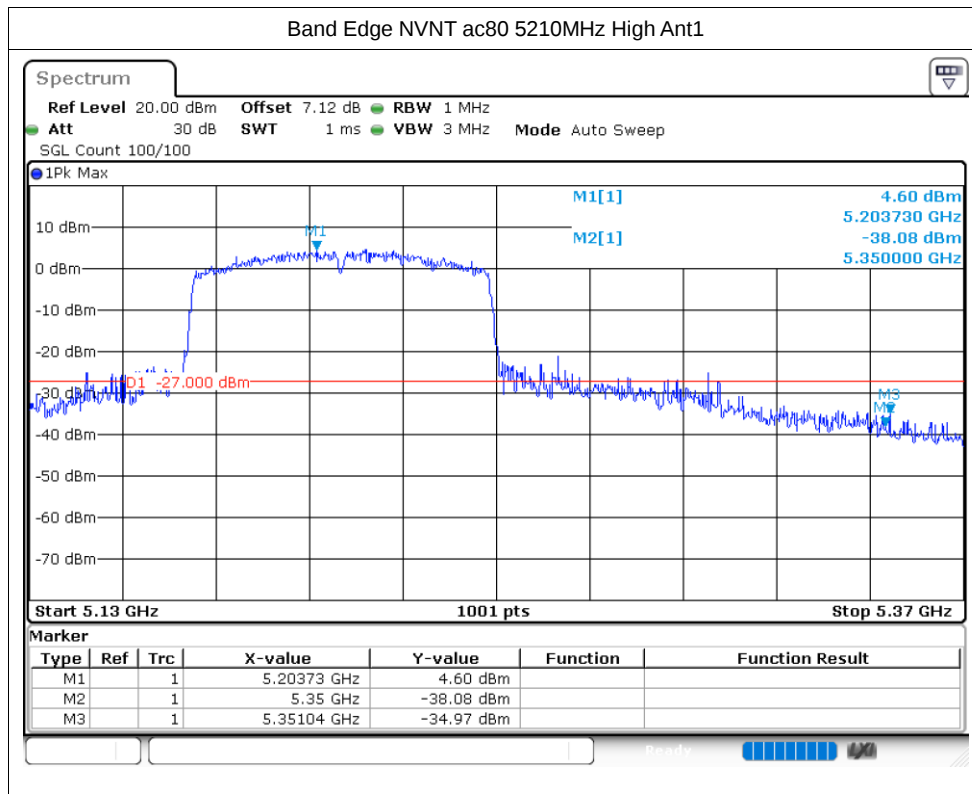












Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-31.02	-27	Pass
NVNT	a	5200	Ant1	-31.95	-27	Pass
NVNT	a	5240	Ant1	-31.79	-27	Pass
NVNT	n20	5180	Ant1	-32	-27	Pass
NVNT	n20	5200	Ant1	-32.4	-27	Pass
NVNT	n20	5240	Ant1	-31.03	-27	Pass
NVNT	n40	5190	Ant1	-31.41	-27	Pass
NVNT	n40	5230	Ant1	-31.21	-27	Pass
NVNT	ac20	5180	Ant1	-30.16	-27	Pass
NVNT	ac20	5200	Ant1	-31.8	-27	Pass
NVNT	ac20	5240	Ant1	-28.18	-27	Pass
NVNT	ac40	5190	Ant1	-31.85	-27	Pass
NVNT	ac40	5230	Ant1	-30.53	-27	Pass
NVNT	ac80	5210	Ant1	-31.31	-27	Pass

