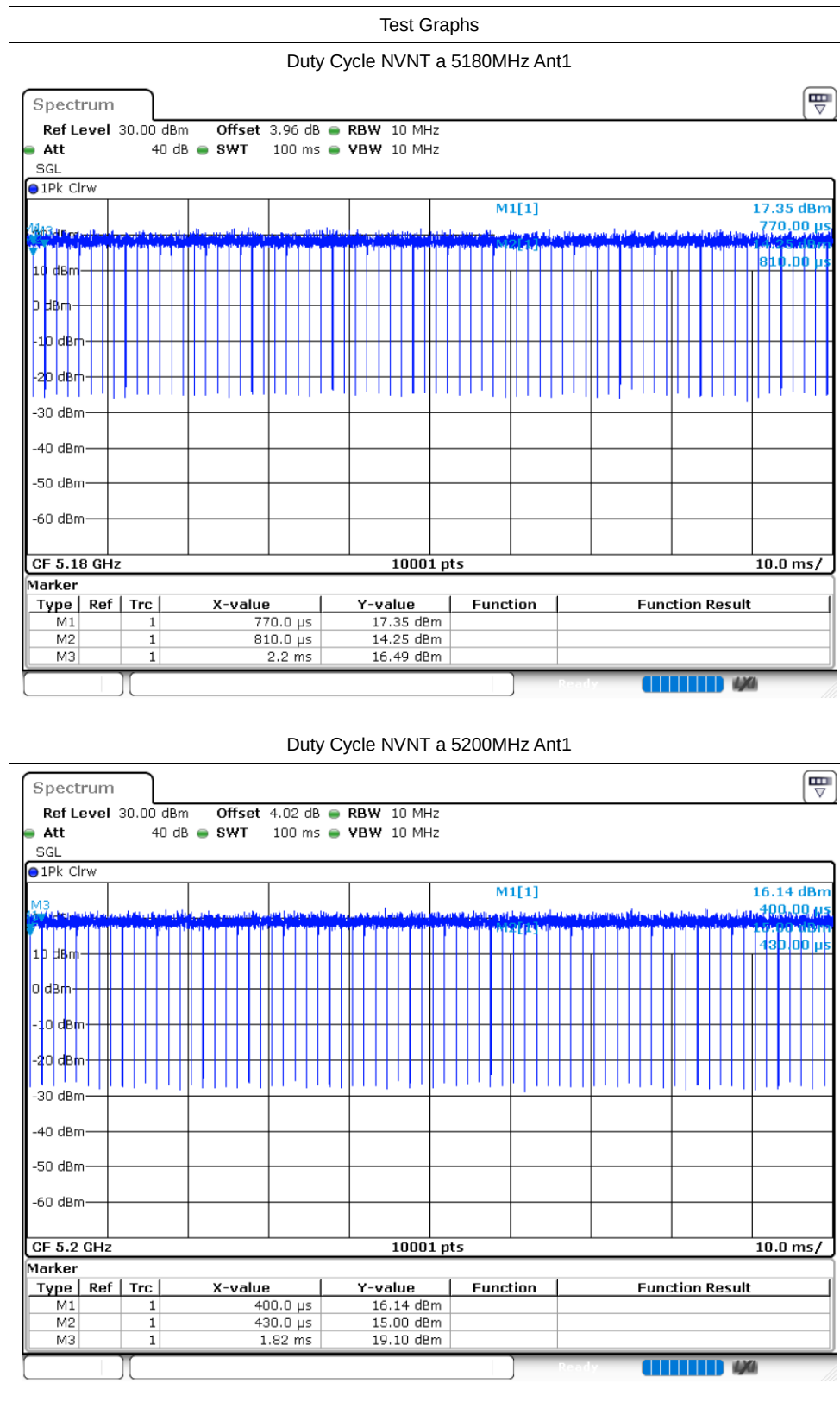
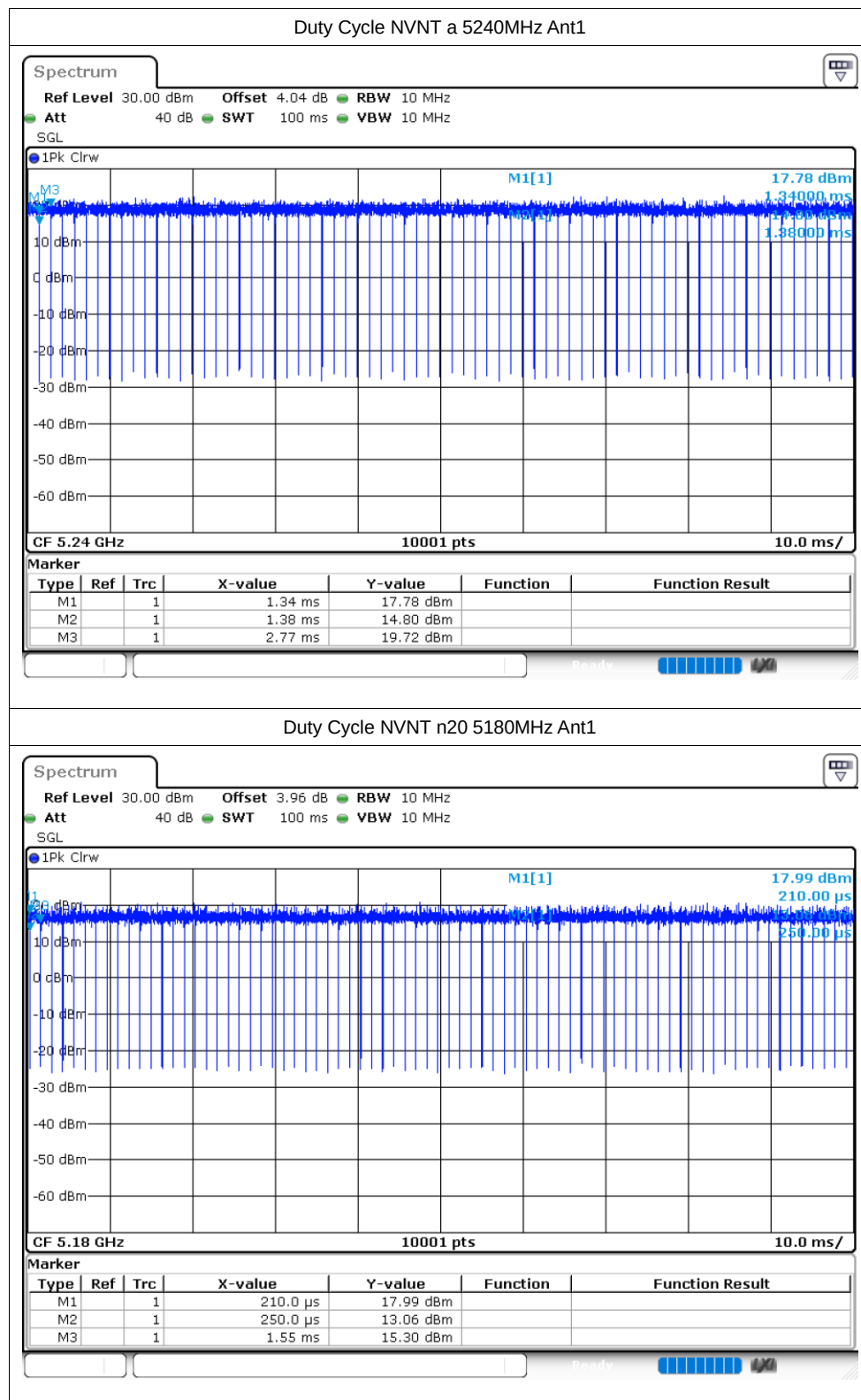


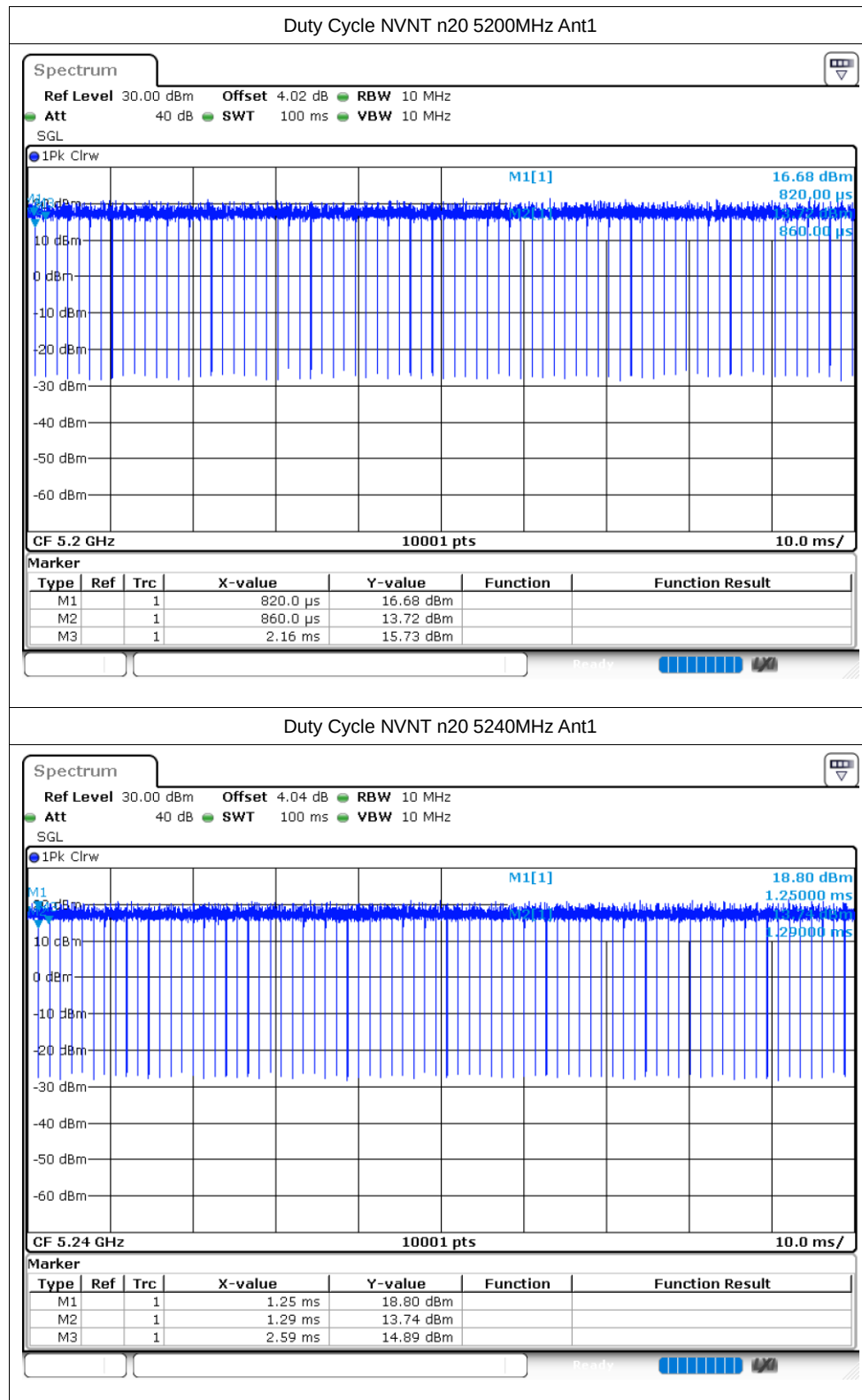
WIFI 5.2G:

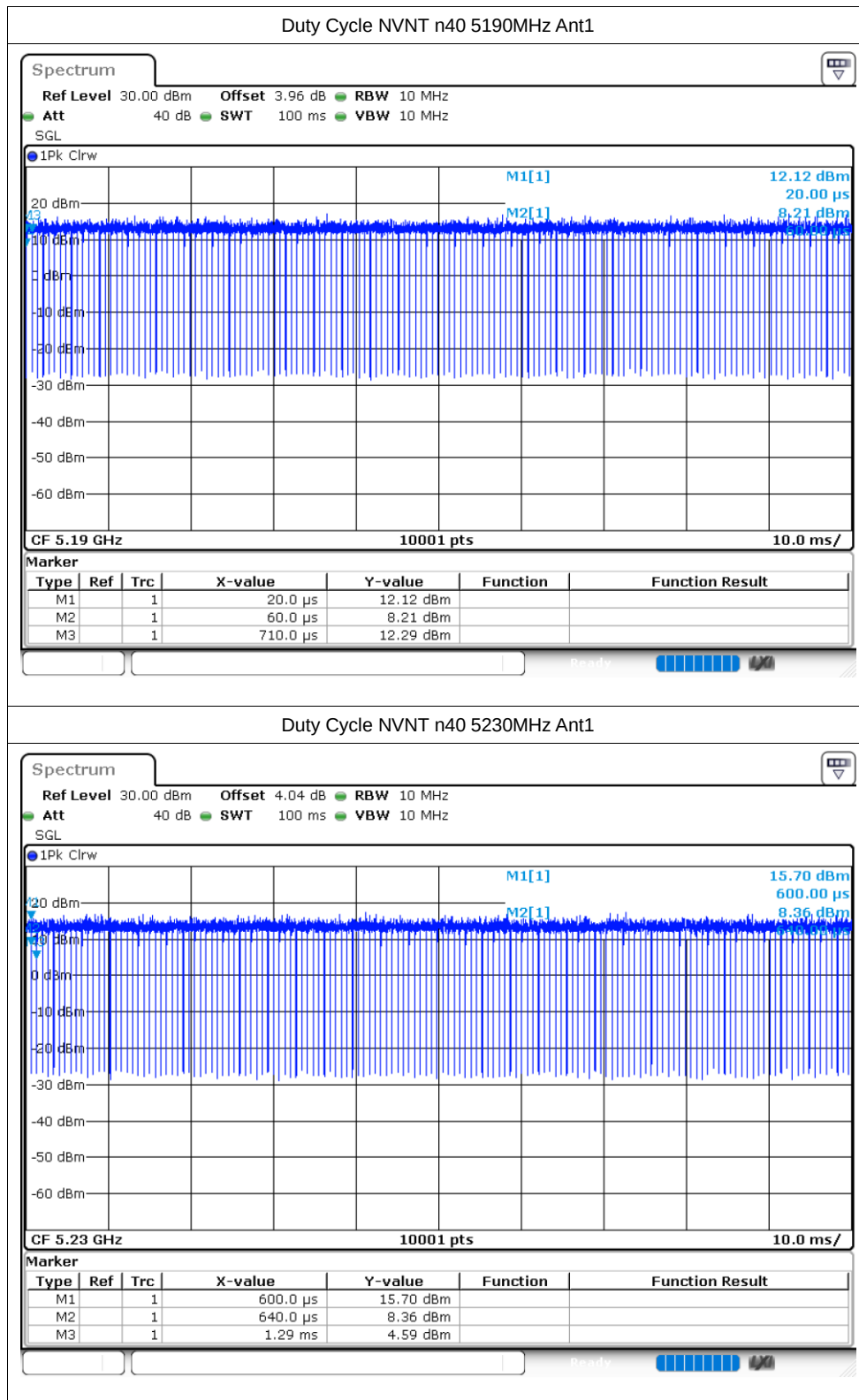
Duty Cycle

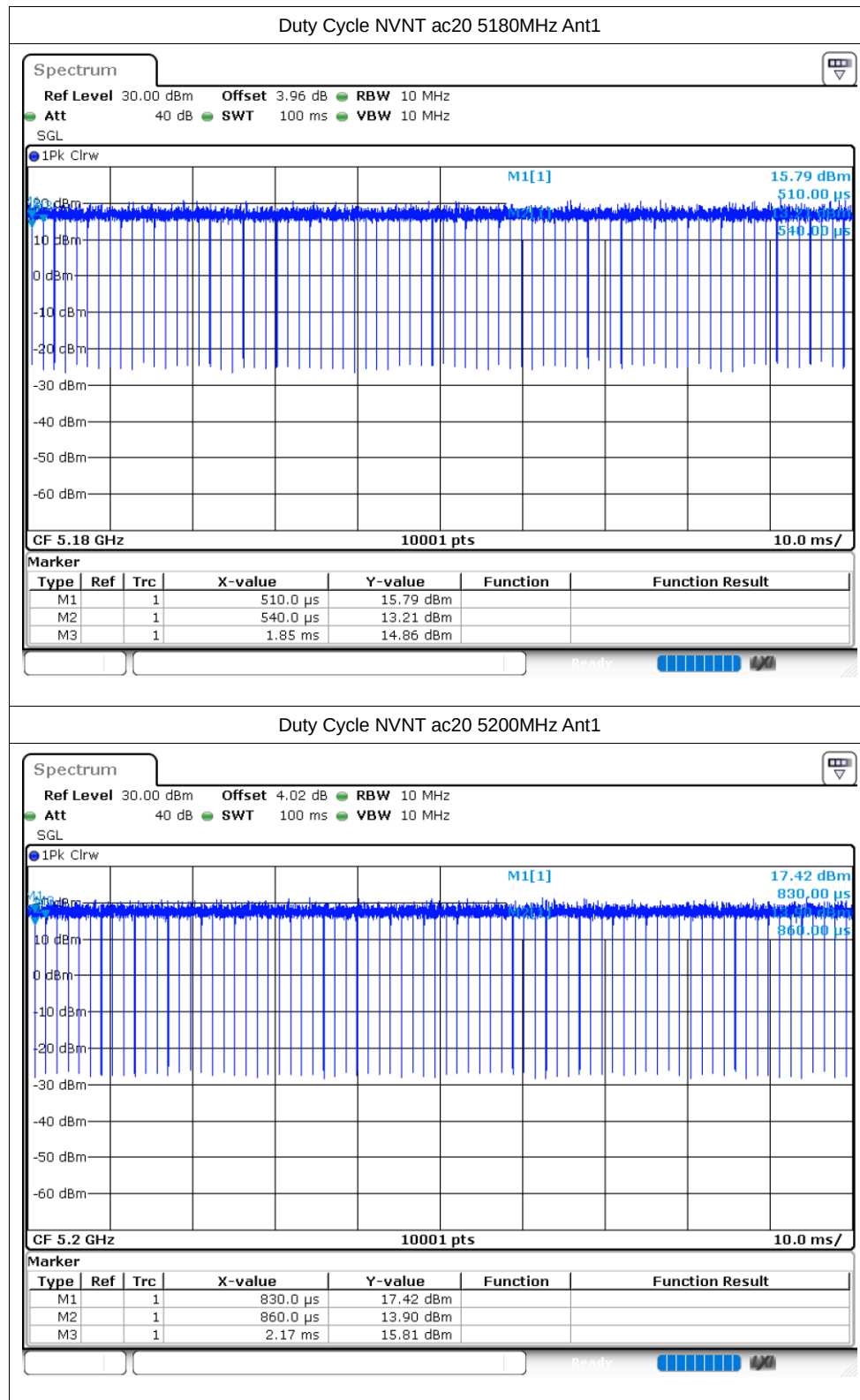
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	98.18	0.08	0.72
NVNT	a	5200	Ant1	98.19	0.08	0.72
NVNT	a	5240	Ant1	98.18	0.08	0.72
NVNT	n20	5180	Ant1	98.06	0.09	0.77
NVNT	n20	5200	Ant1	98.06	0.09	0.77
NVNT	n20	5240	Ant1	98.08	0.08	0.77
NVNT	n40	5190	Ant1	96.32	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	98.08	0.08	0.76
NVNT	ac20	5240	Ant1	98.09	0.08	0.76
NVNT	ac40	5190	Ant1	96.34	0.16	1.54
NVNT	ac40	5230	Ant1	96.34	0.16	1.54
NVNT	ac80	5210	Ant1	93.14	0.31	3.03

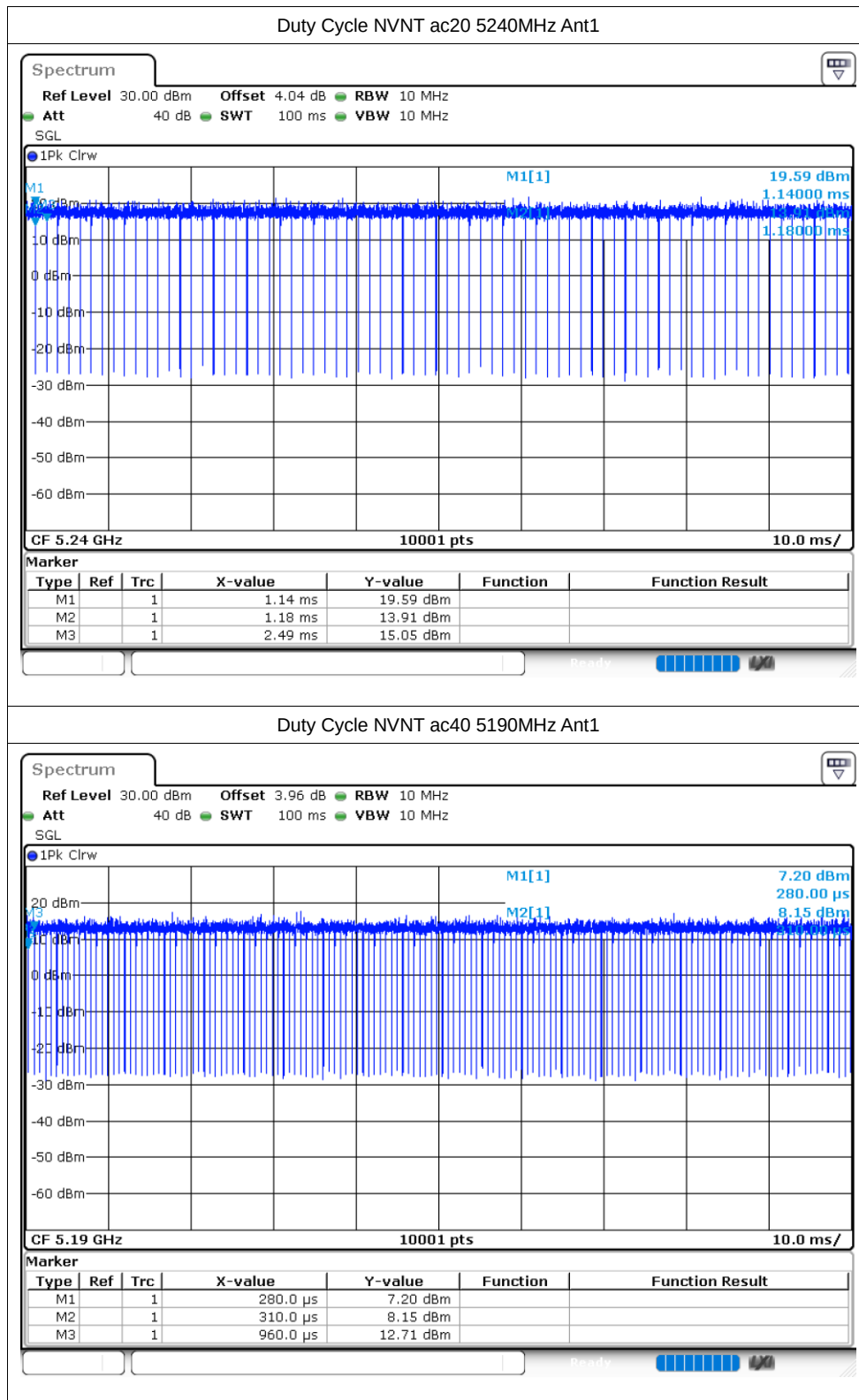


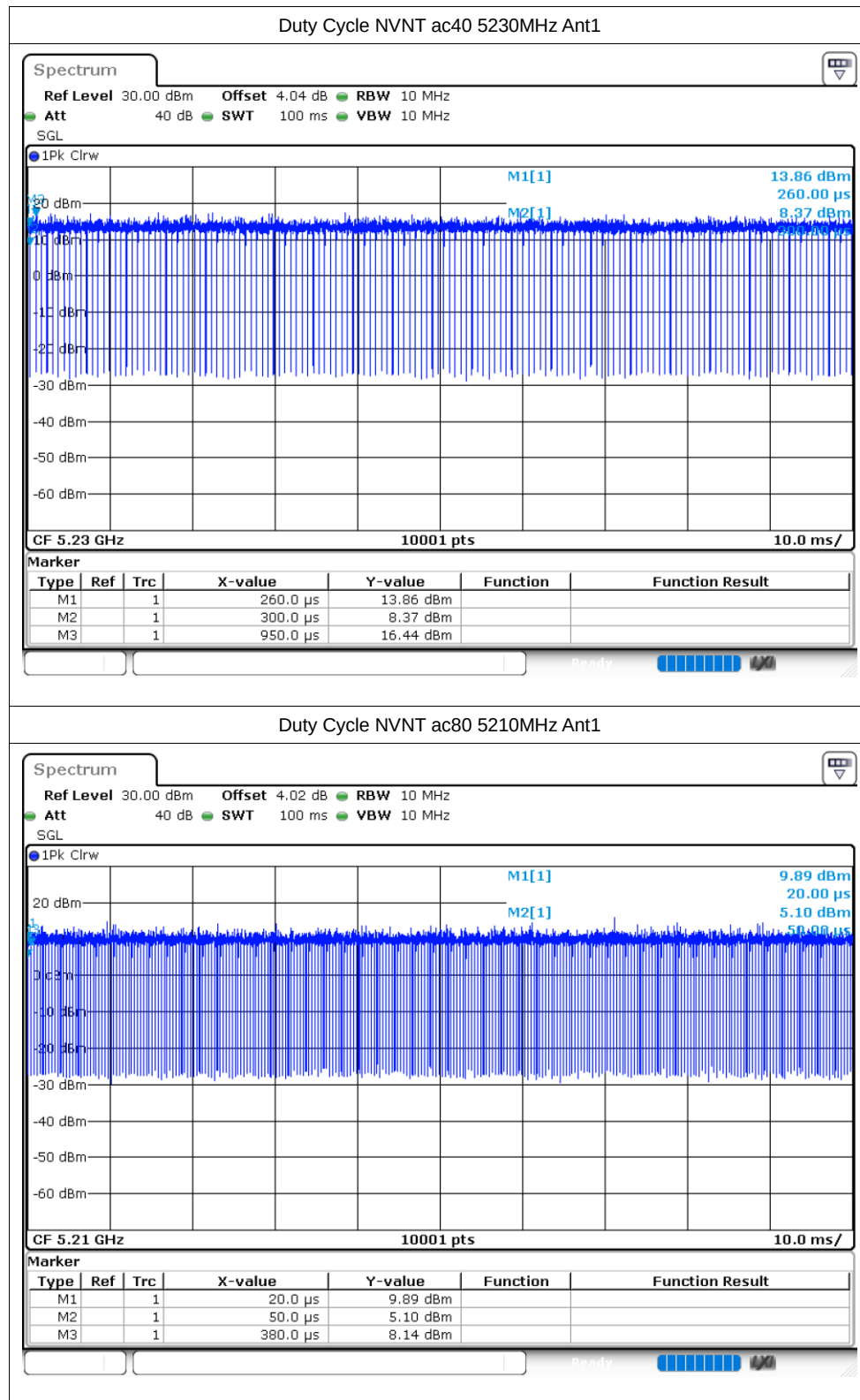












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	13.25	24	Pass
NVNT	a	5200	Ant1	13.41	24	Pass
NVNT	a	5240	Ant1	13.7	24	Pass
NVNT	n20	5180	Ant1	11.92	24	Pass
NVNT	n20	5200	Ant1	12.33	24	Pass
NVNT	n20	5240	Ant1	12.6	24	Pass
NVNT	n40	5190	Ant1	10.48	24	Pass
NVNT	n40	5230	Ant1	10.52	24	Pass
NVNT	ac20	5180	Ant1	11.97	24	Pass
NVNT	ac20	5200	Ant1	12.15	24	Pass
NVNT	ac20	5240	Ant1	12.44	24	Pass
NVNT	ac40	5190	Ant1	10.54	24	Pass
NVNT	ac40	5230	Ant1	10.72	24	Pass
NVNT	ac80	5210	Ant1	10.05	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.791	Pass
NVNT	a	5200	Ant1	19.737	Pass
NVNT	a	5240	Ant1	19.716	Pass
NVNT	n20	5180	Ant1	20.043	Pass
NVNT	n20	5200	Ant1	20.415	Pass
NVNT	n20	5240	Ant1	20.205	Pass
NVNT	n40	5190	Ant1	40.608	Pass
NVNT	n40	5230	Ant1	40.662	Pass
NVNT	ac20	5180	Ant1	20.208	Pass
NVNT	ac20	5200	Ant1	20.247	Pass
NVNT	ac20	5240	Ant1	20.37	Pass
NVNT	ac40	5190	Ant1	40.836	Pass
NVNT	ac40	5230	Ant1	40.506	Pass
NVNT	ac80	5210	Ant1	81	Pass

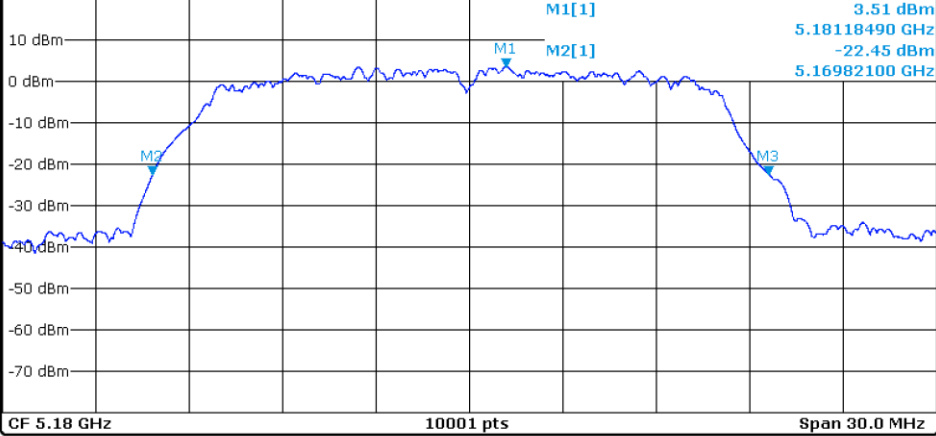
Test Graphs

-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

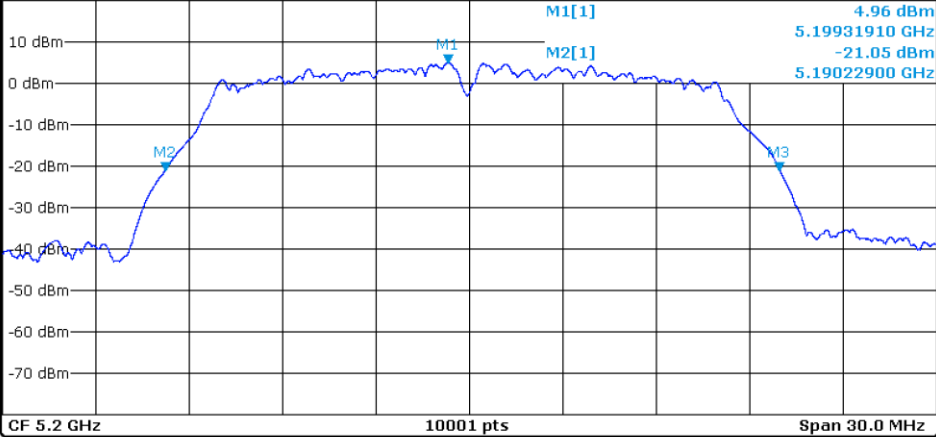


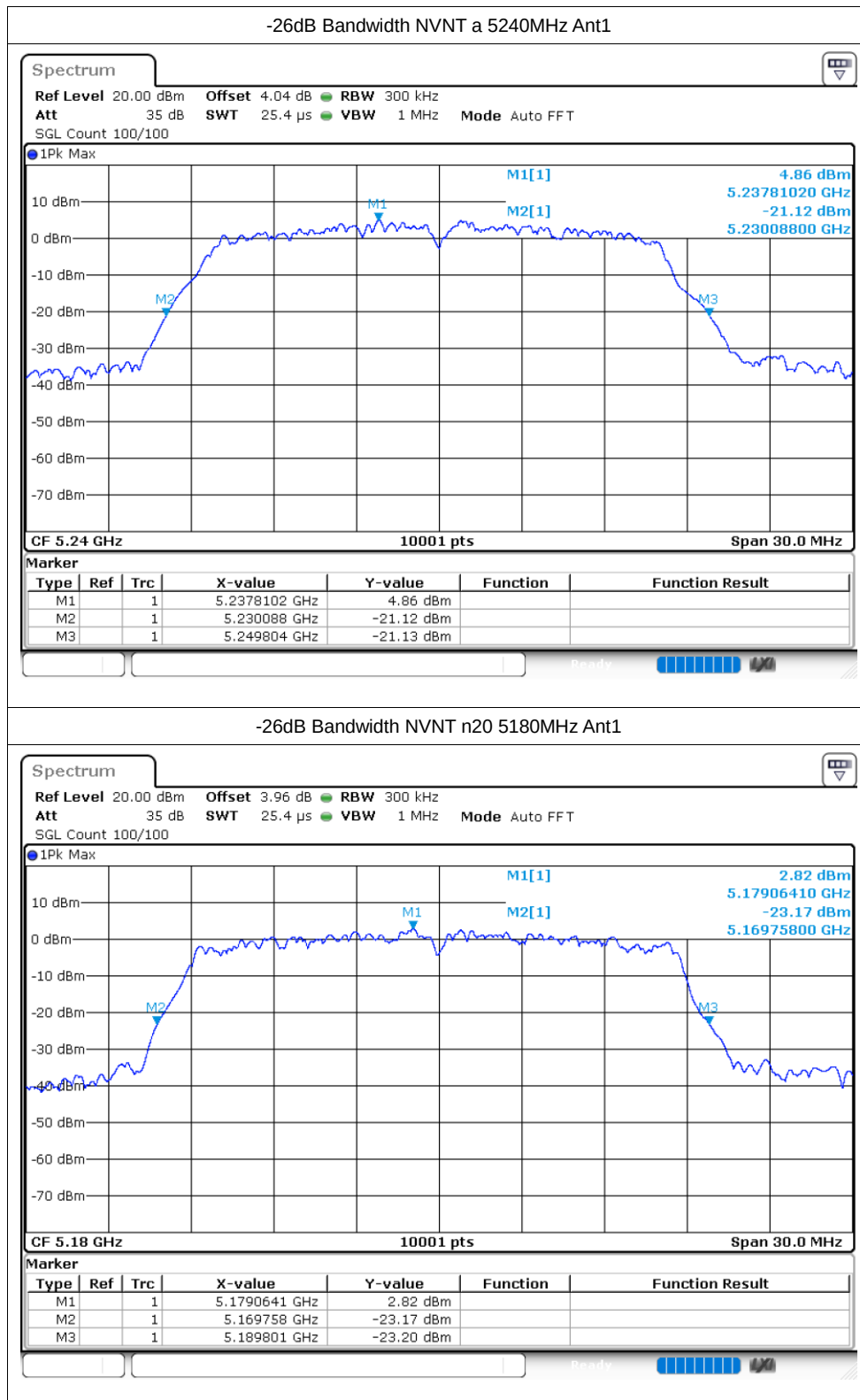
-26dB Bandwidth NVNT a 5200MHz Ant1

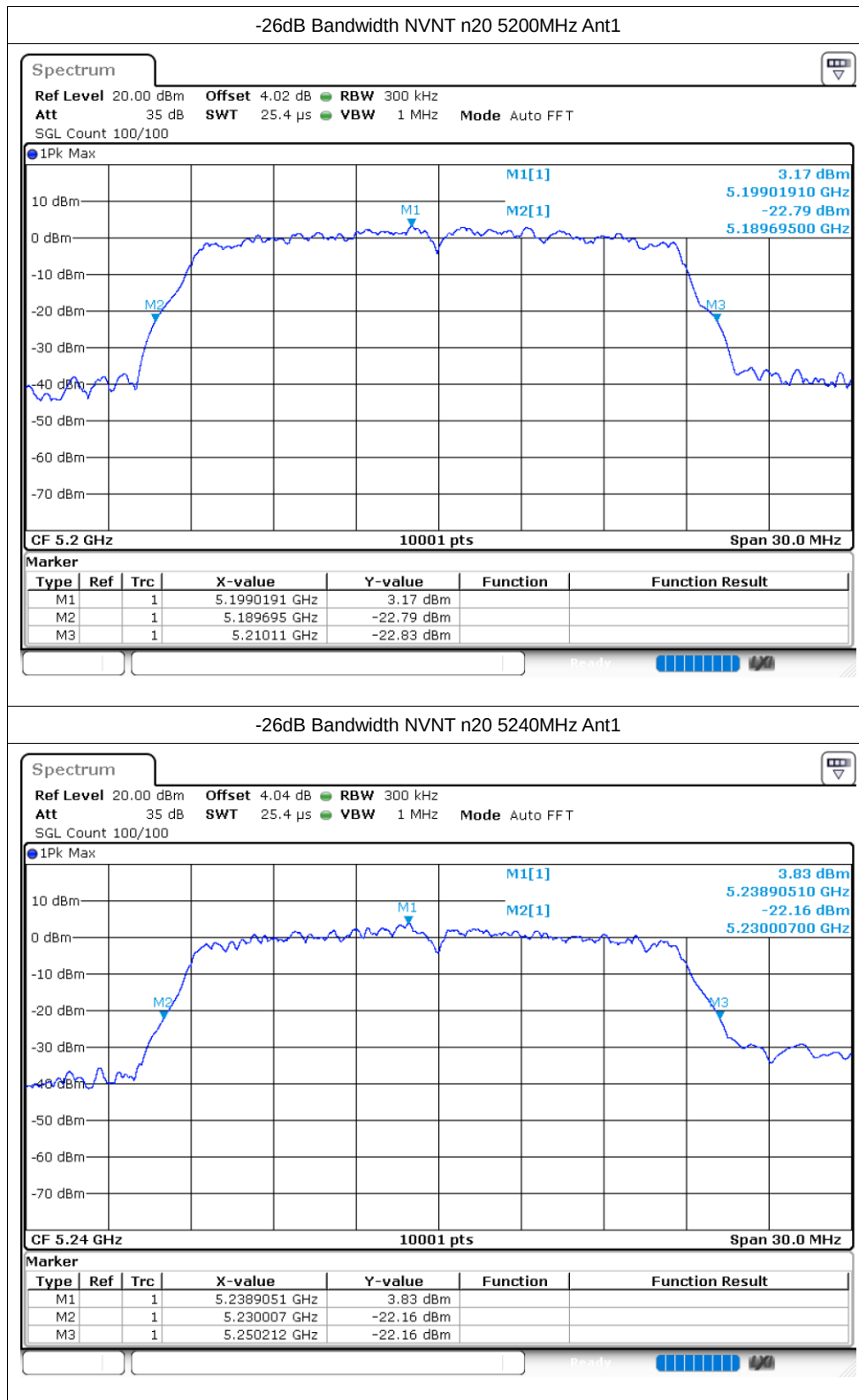
Spectrum

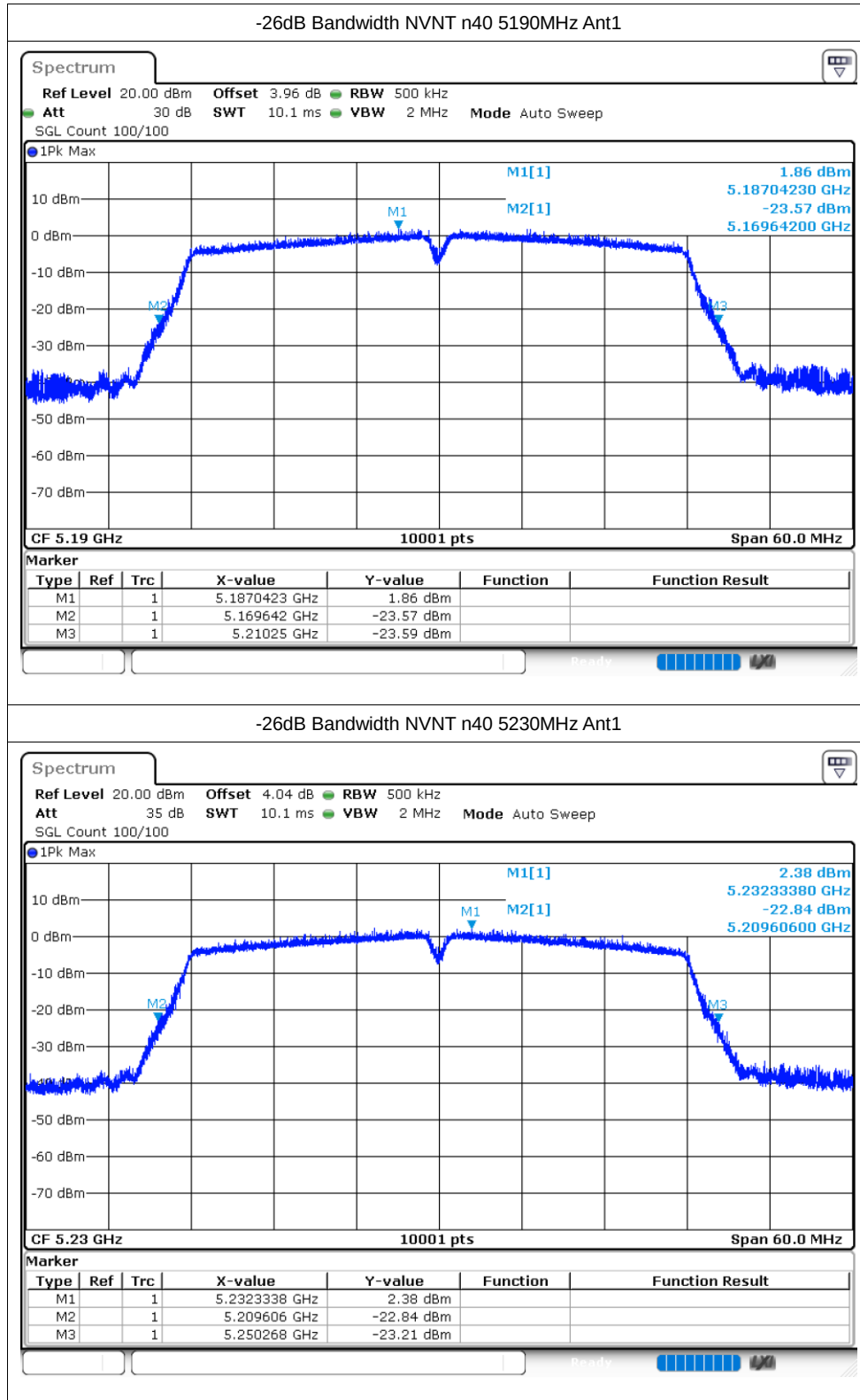
Ref Level 20.00 dBm Offset 4.02 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

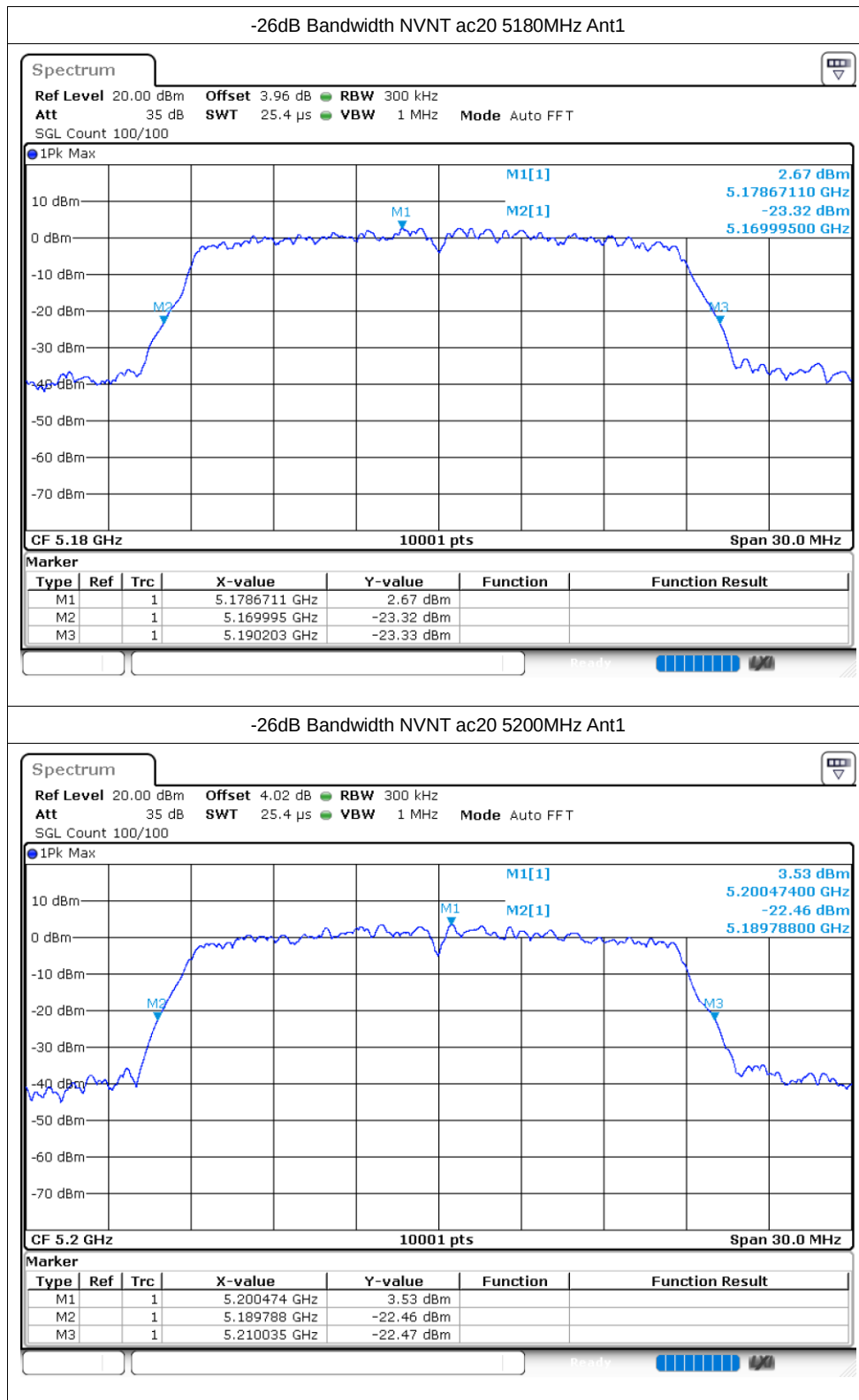
1Pk Max

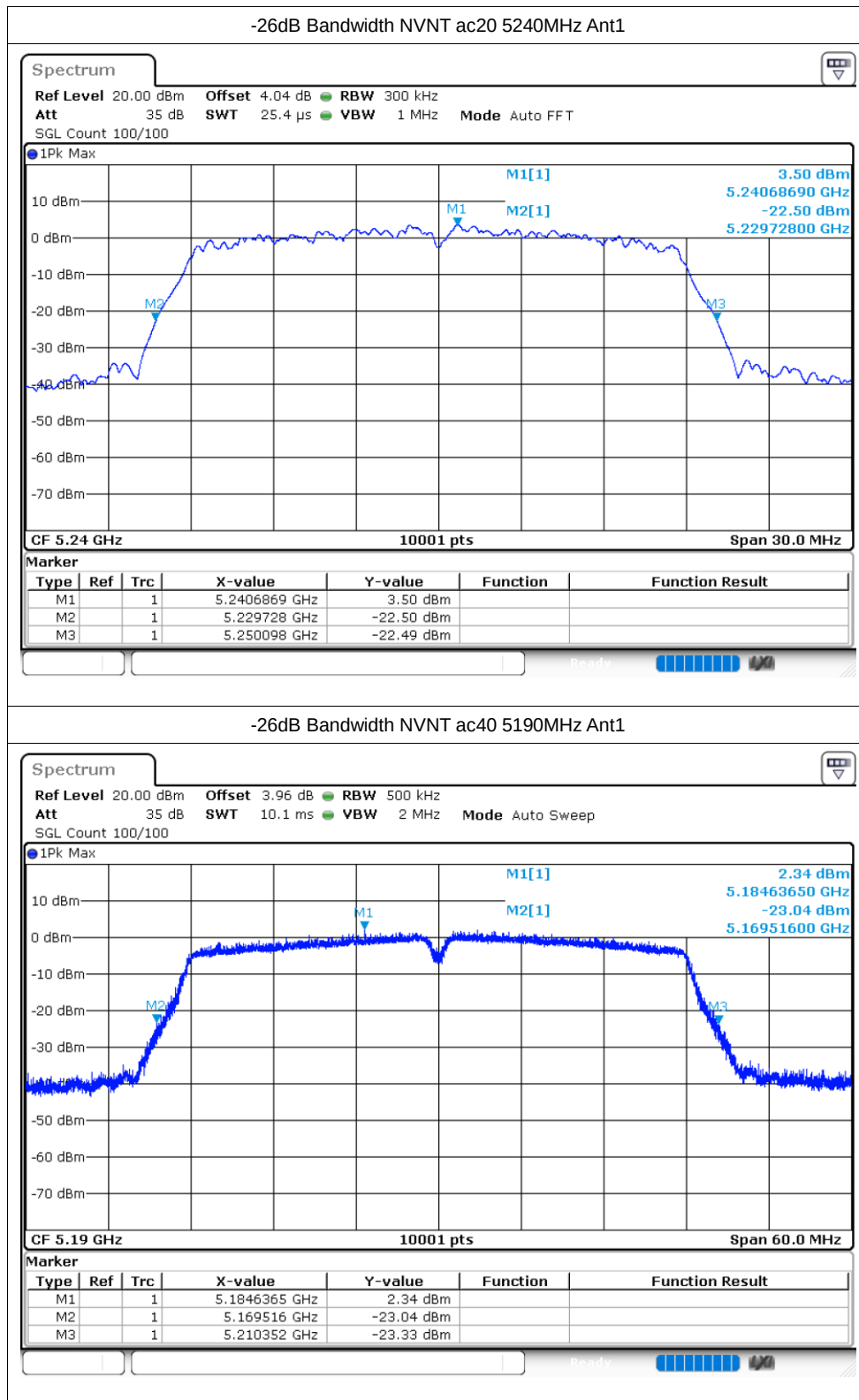


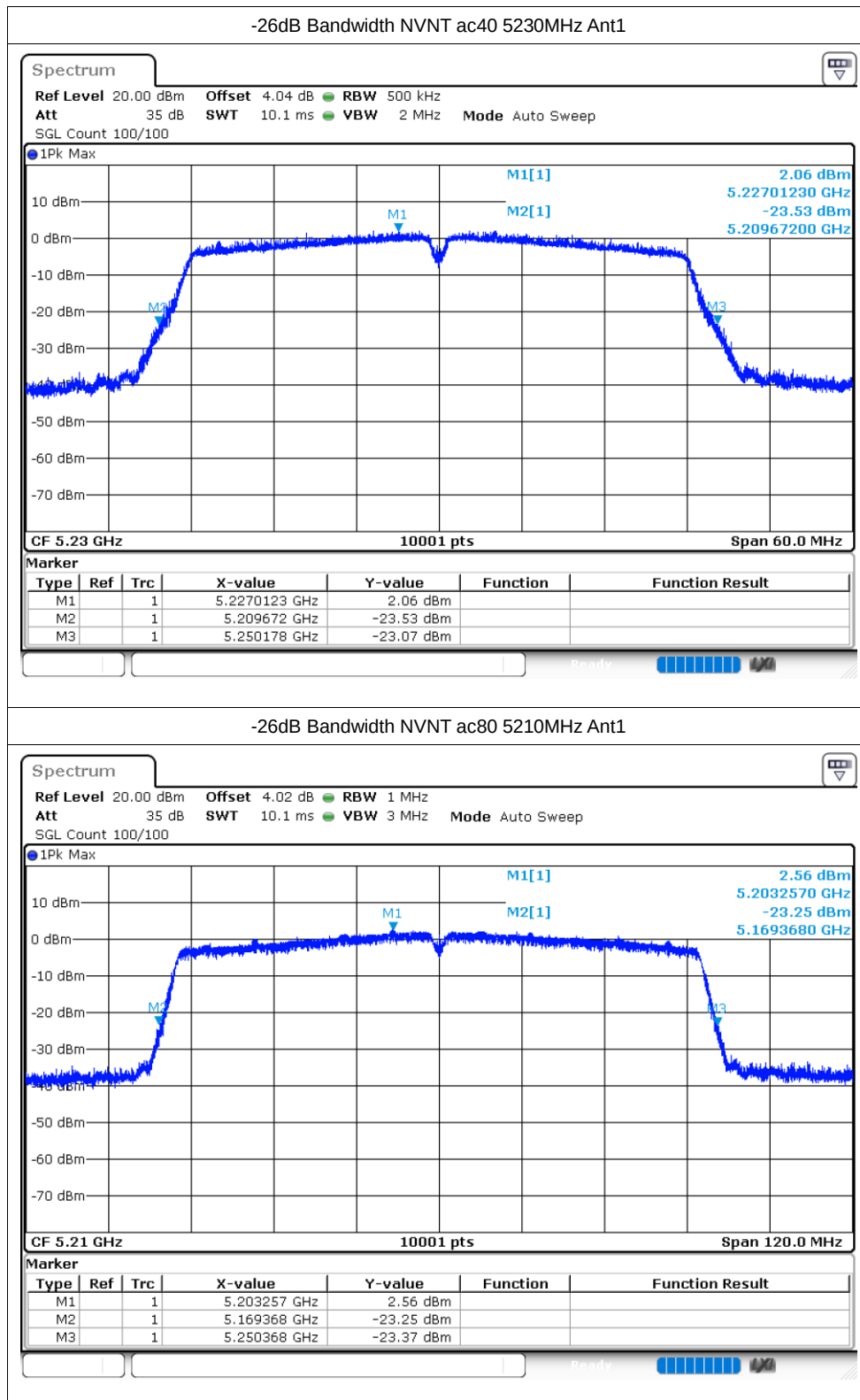










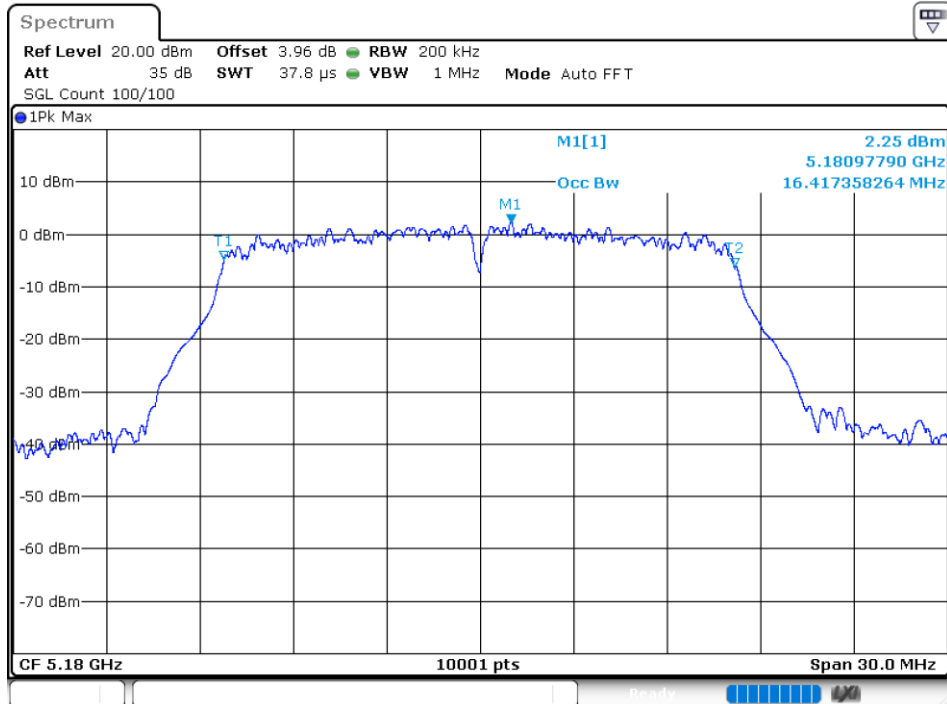


Occupied Channel Bandwidth

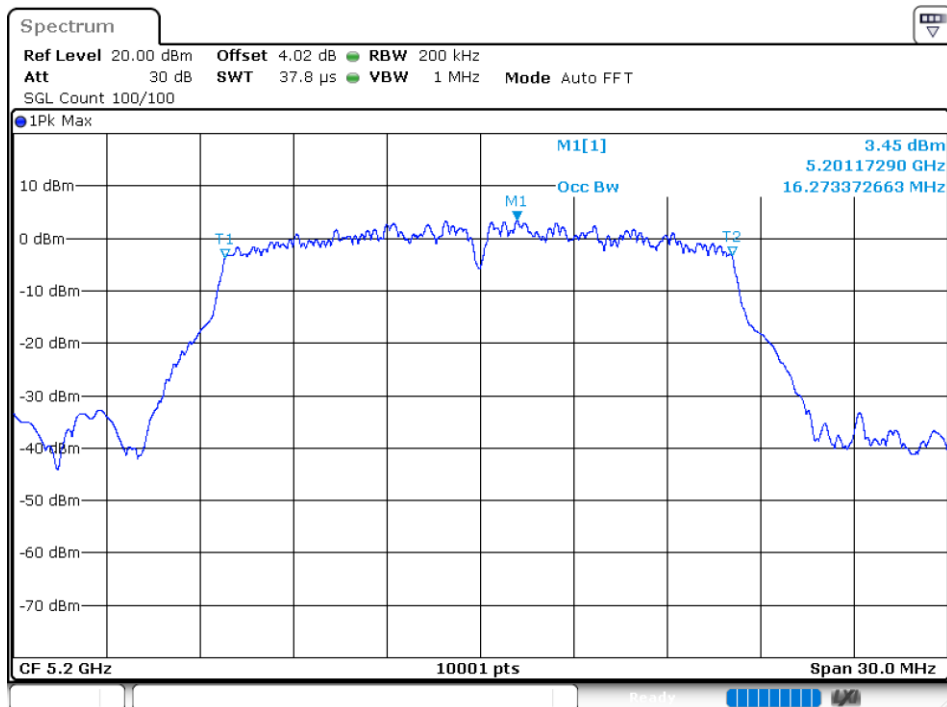
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.417
NVNT	a	5200	Ant1	16.273
NVNT	a	5240	Ant1	16.399
NVNT	n20	5180	Ant1	17.557
NVNT	n20	5200	Ant1	17.503
NVNT	n20	5240	Ant1	17.47
NVNT	n40	5190	Ant1	36.026
NVNT	n40	5230	Ant1	35.972
NVNT	ac20	5180	Ant1	17.62
NVNT	ac20	5200	Ant1	17.533
NVNT	ac20	5240	Ant1	17.521
NVNT	ac40	5190	Ant1	36.044
NVNT	ac40	5230	Ant1	35.984
NVNT	ac80	5210	Ant1	75.04

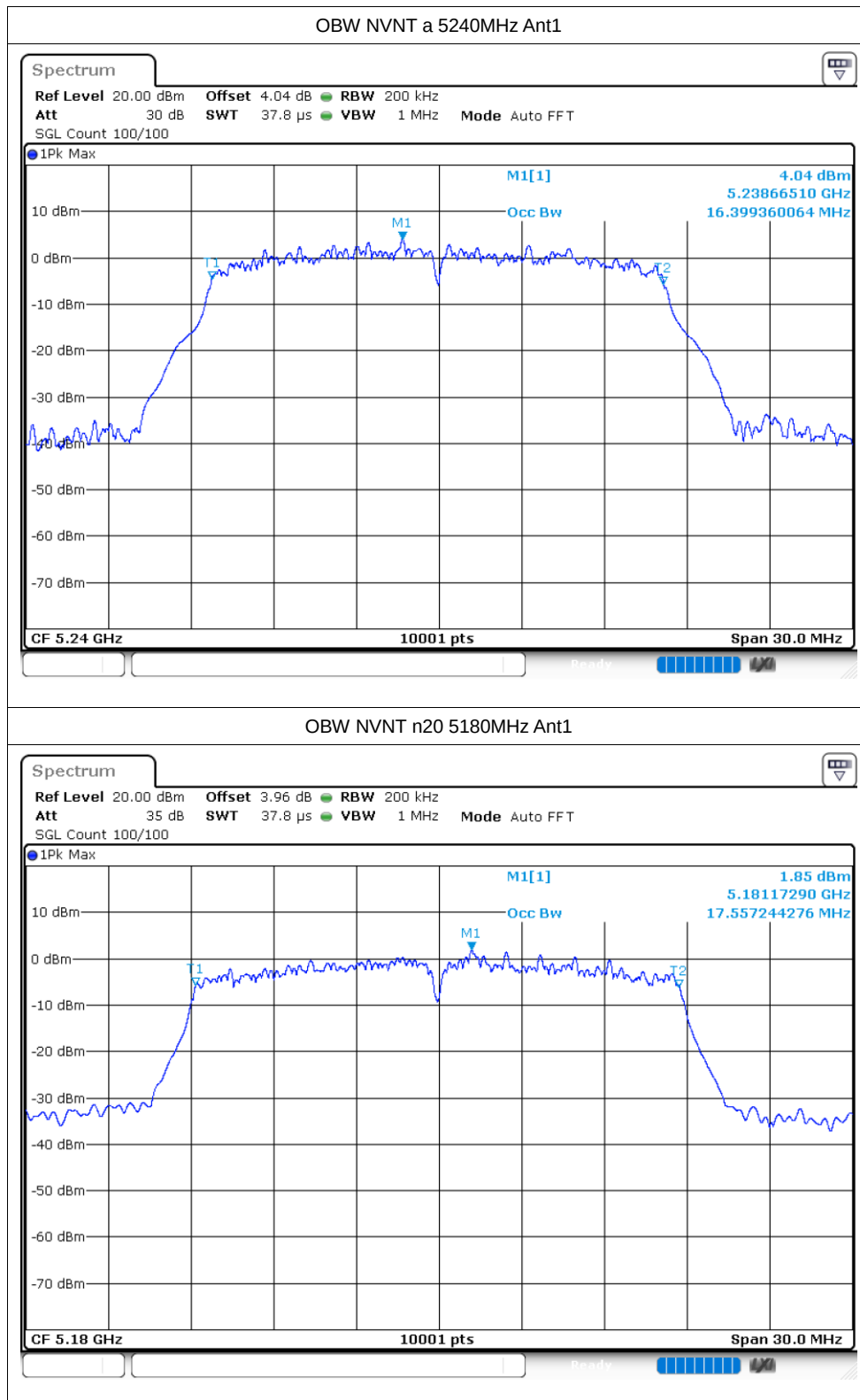
Test Graphs

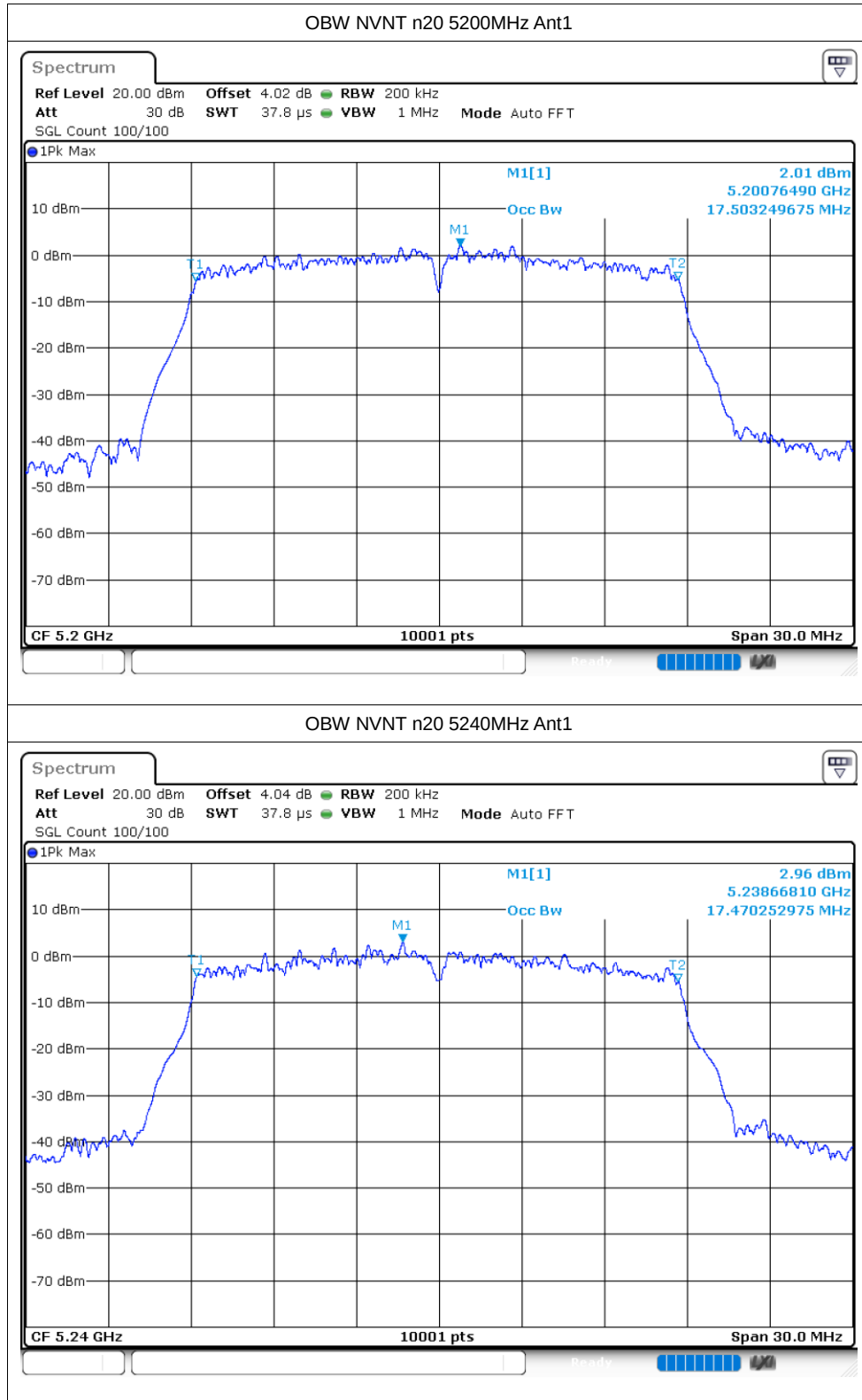
OBW NVNT a 5180MHz Ant1

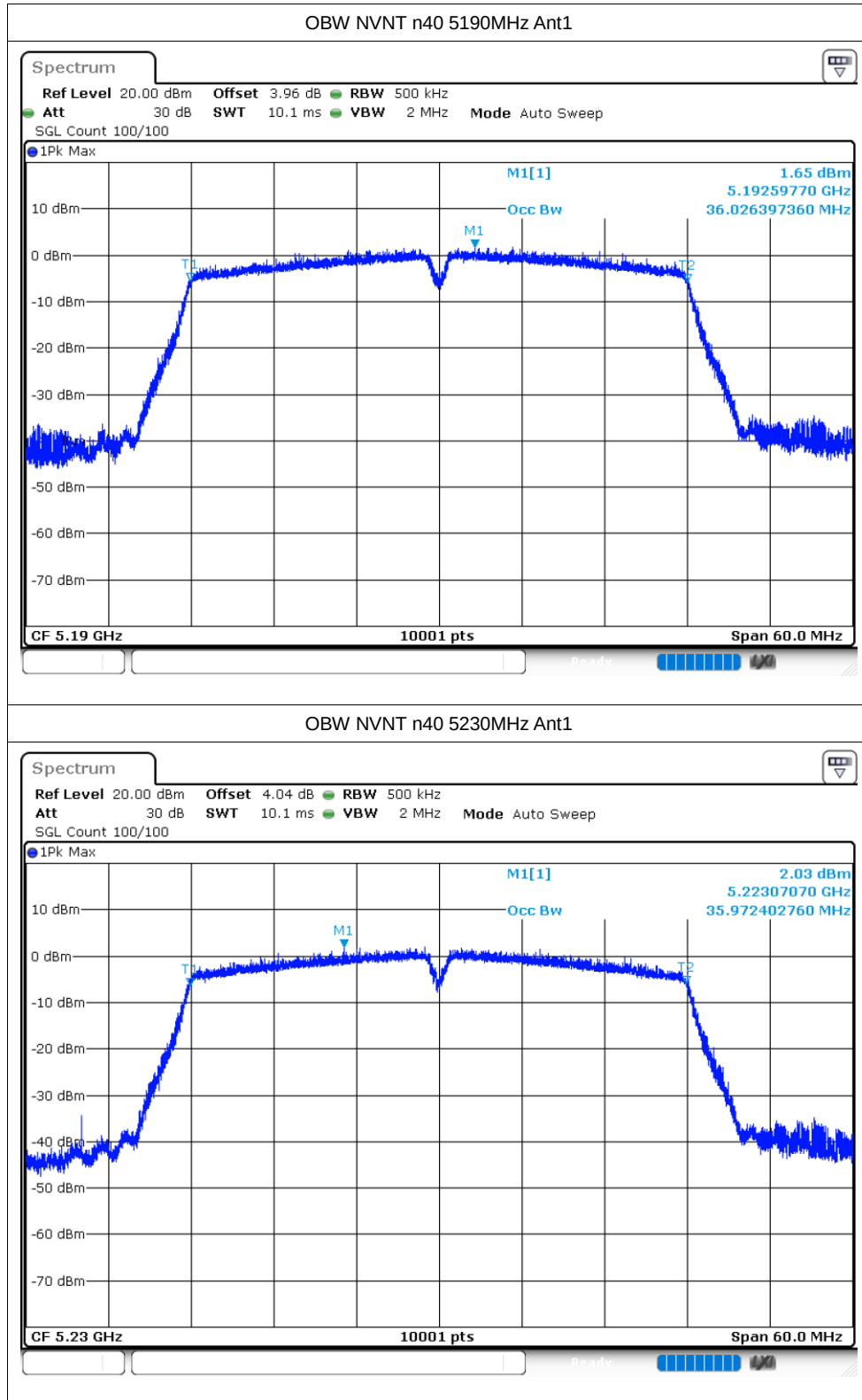


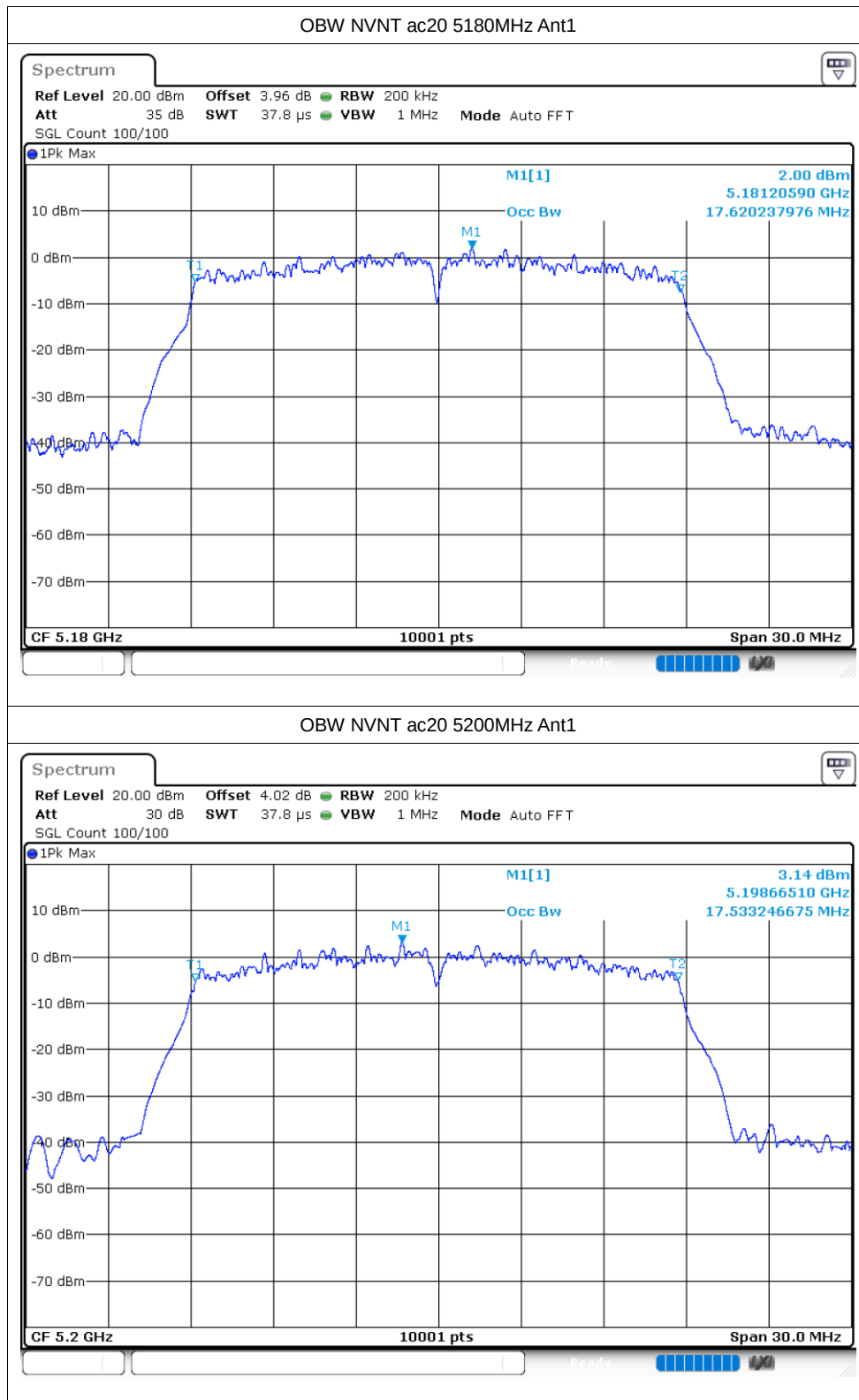
OBW NVNT a 5200MHz Ant1

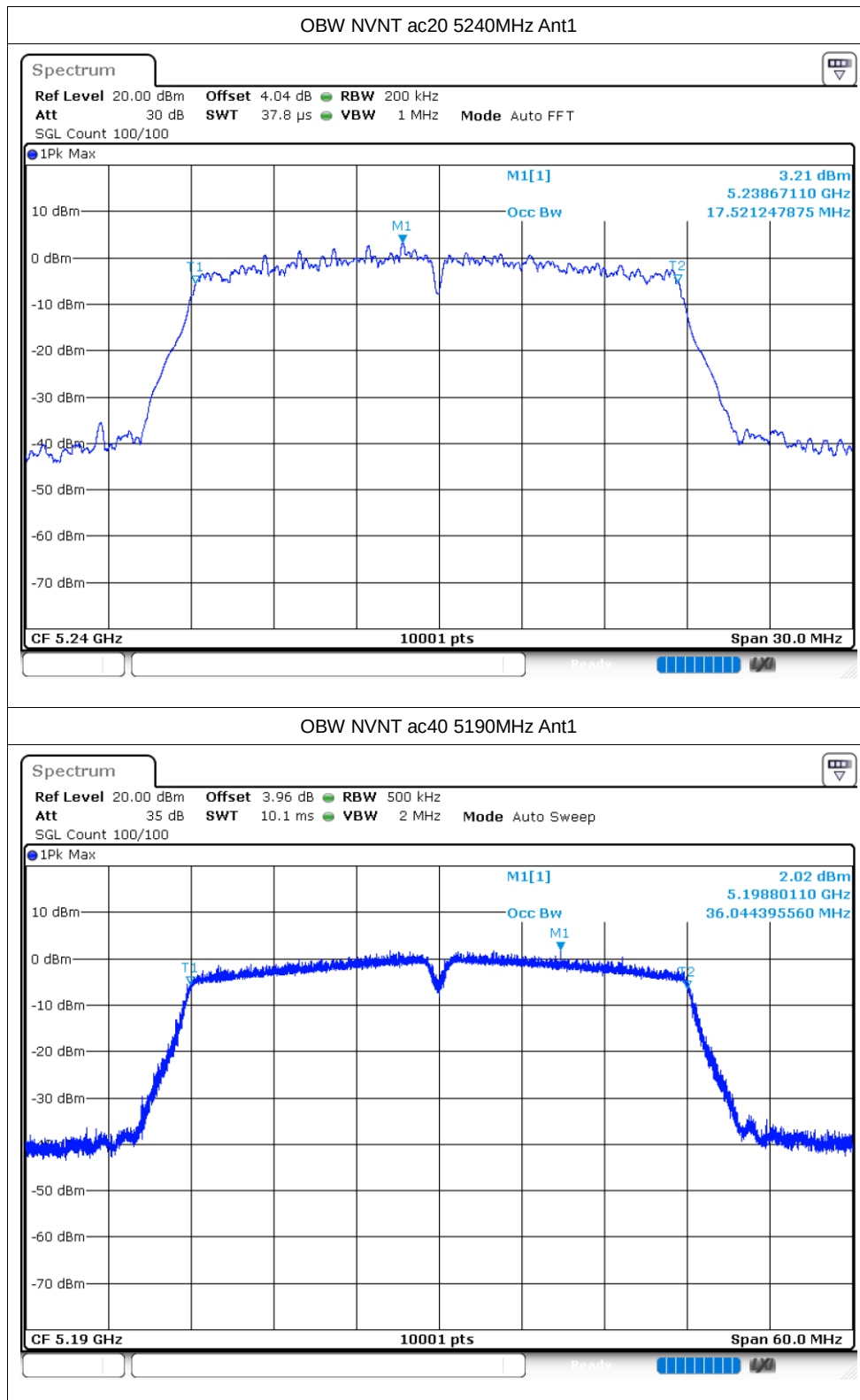


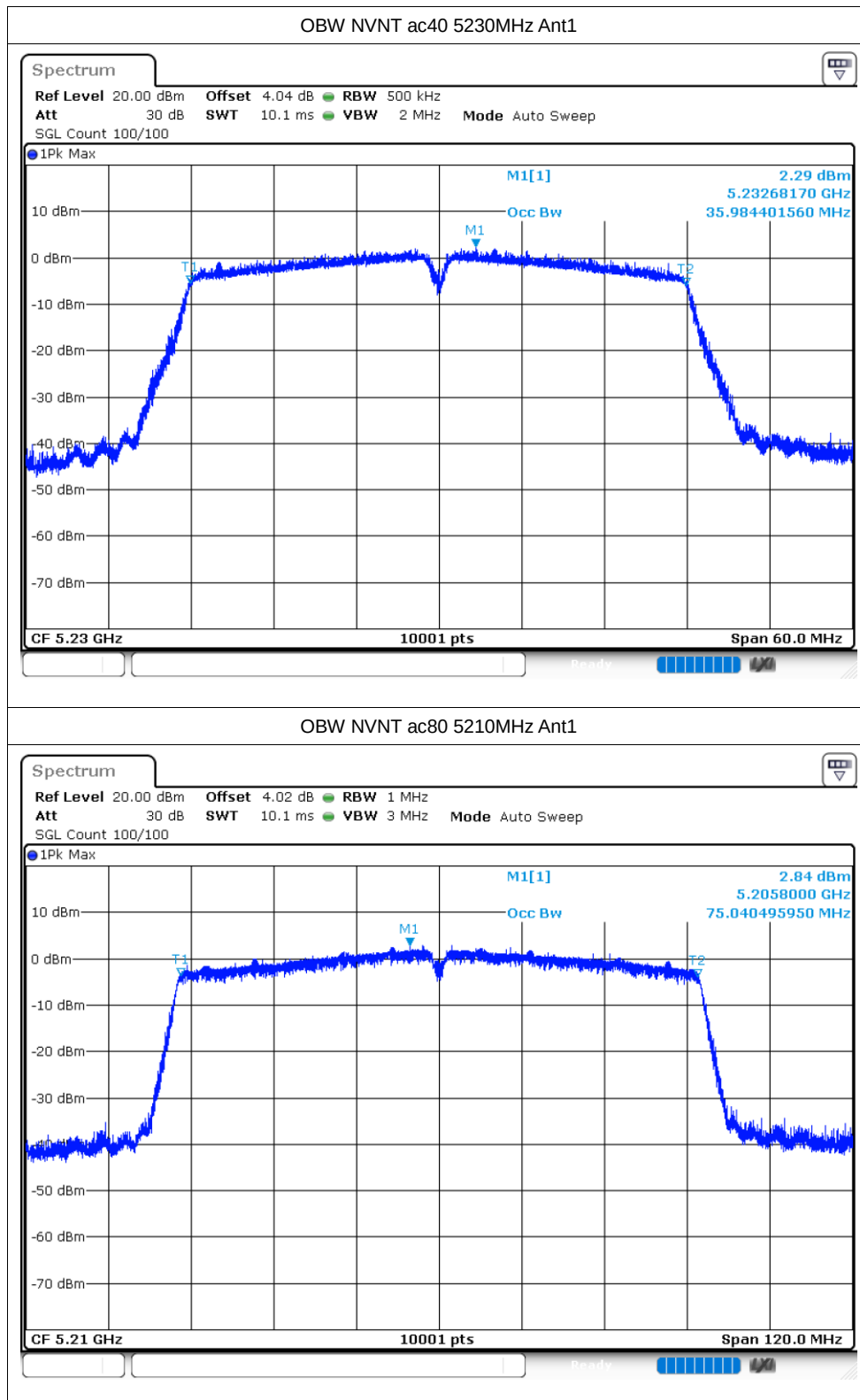










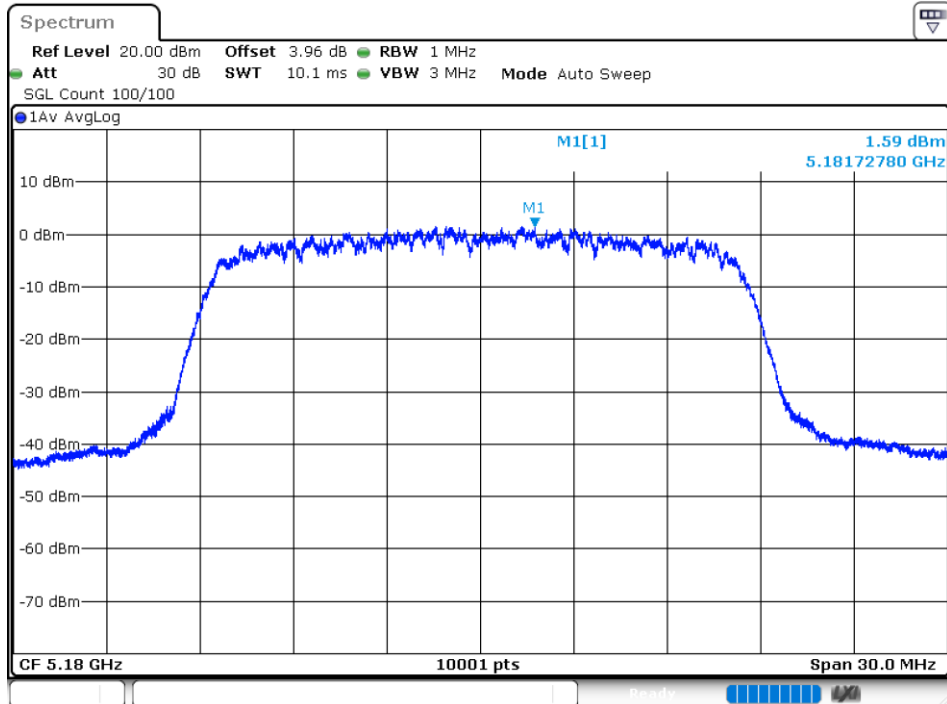


Maximum Power Spectral Density Level

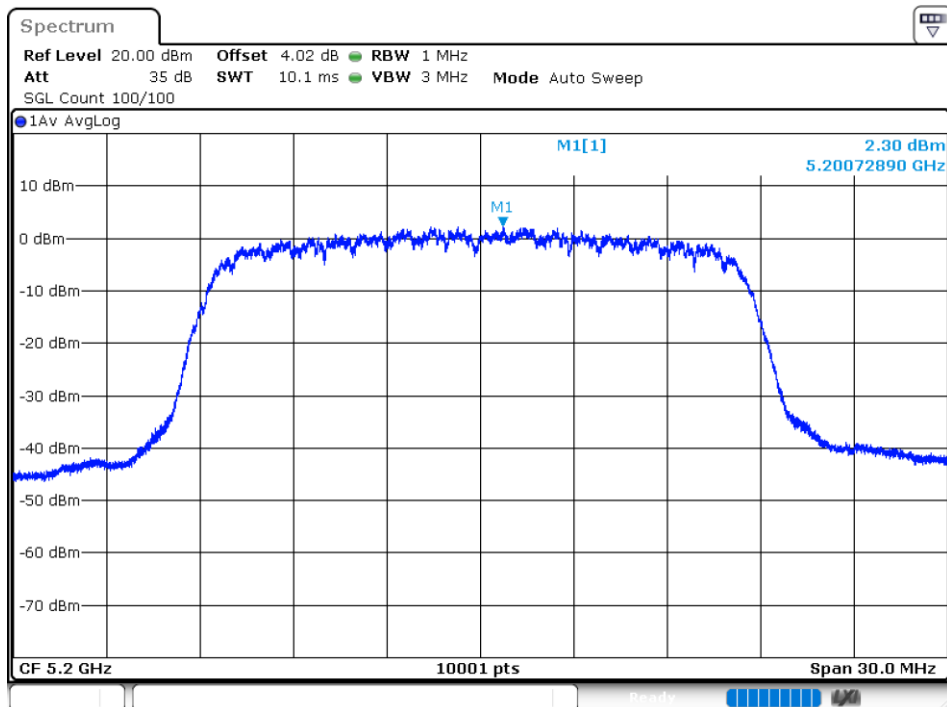
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	1.59	0.08	1.67	11	Pass
NVNT	a	5200	Ant1	2.3	0.08	2.38	11	Pass
NVNT	a	5240	Ant1	2.09	0.08	2.17	11	Pass
NVNT	n20	5180	Ant1	0.3	0.09	0.39	11	Pass
NVNT	n20	5200	Ant1	0.84	0.09	0.93	11	Pass
NVNT	n20	5240	Ant1	0.83	0.08	0.91	11	Pass
NVNT	n40	5190	Ant1	-4.93	0.16	-4.77	11	Pass
NVNT	n40	5230	Ant1	-4.67	0.16	-4.51	11	Pass
NVNT	ac20	5180	Ant1	0.18	0.08	0.26	11	Pass
NVNT	ac20	5200	Ant1	0.66	0.08	0.74	11	Pass
NVNT	ac20	5240	Ant1	0.73	0.08	0.81	11	Pass
NVNT	ac40	5190	Ant1	-4.36	0.16	-4.2	11	Pass
NVNT	ac40	5230	Ant1	-4.61	0.16	-4.45	11	Pass
NVNT	ac80	5210	Ant1	-9.48	0.31	-9.17	11	Pass

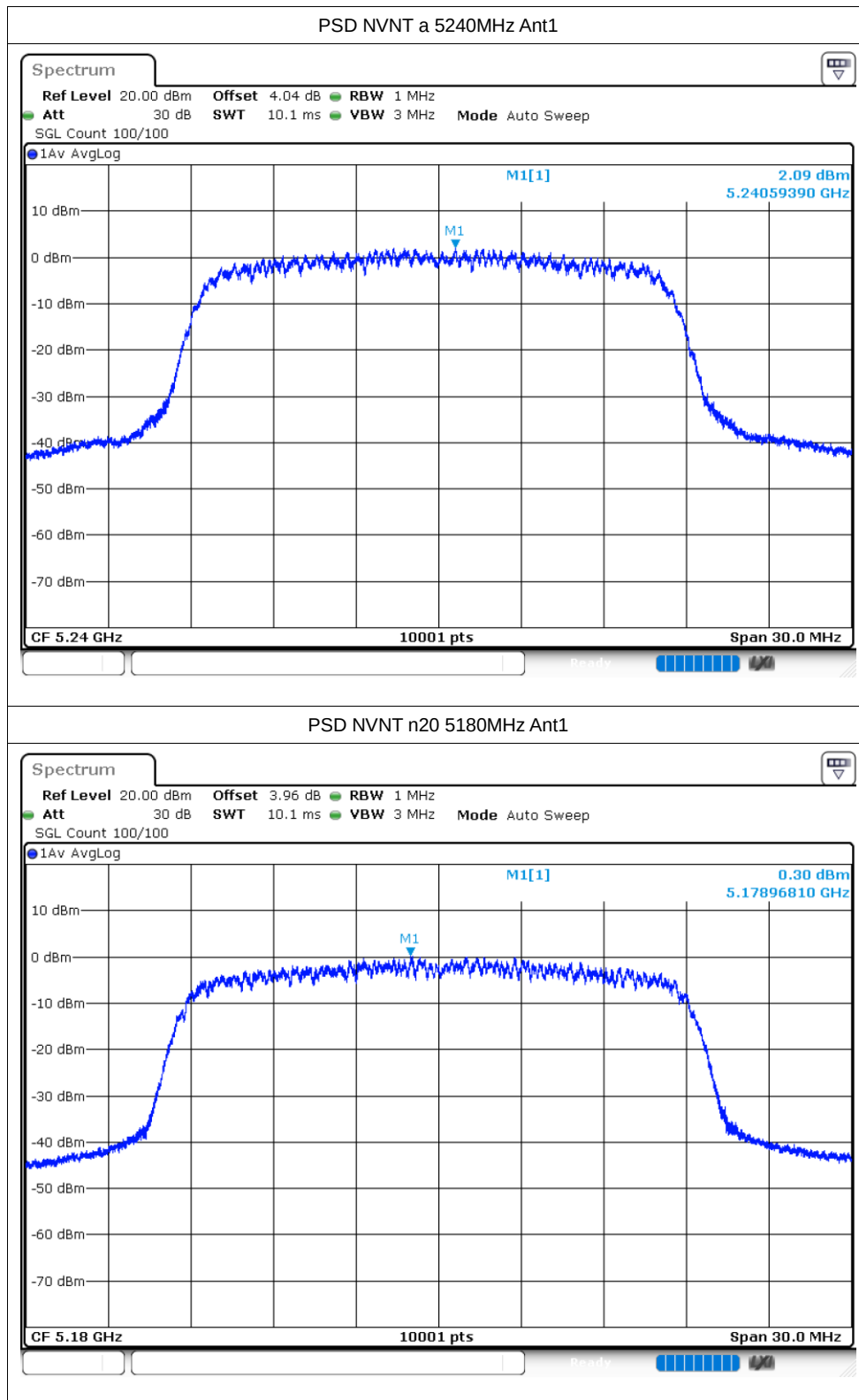
Test Graphs

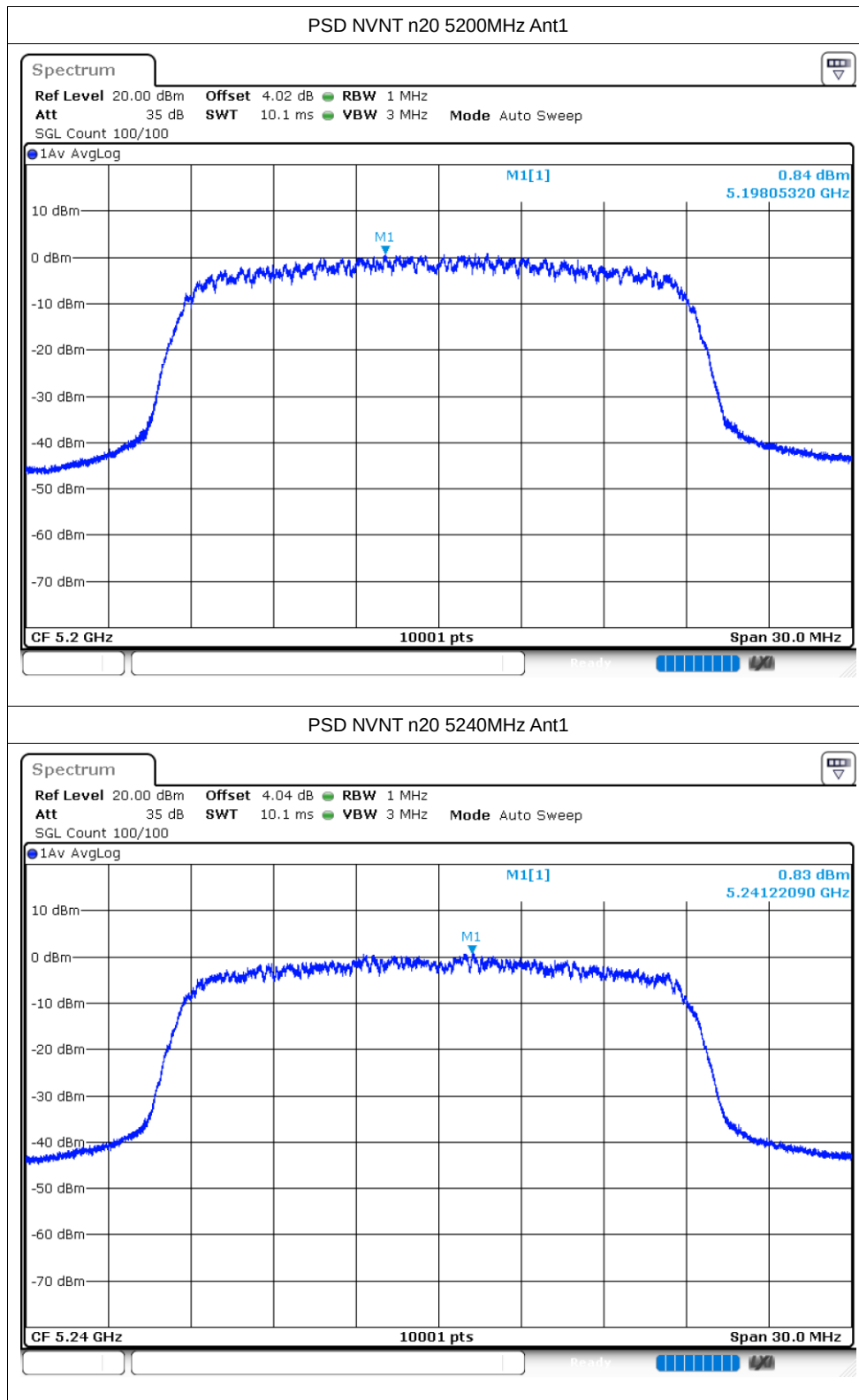
PSD NVNT a 5180MHz Ant1

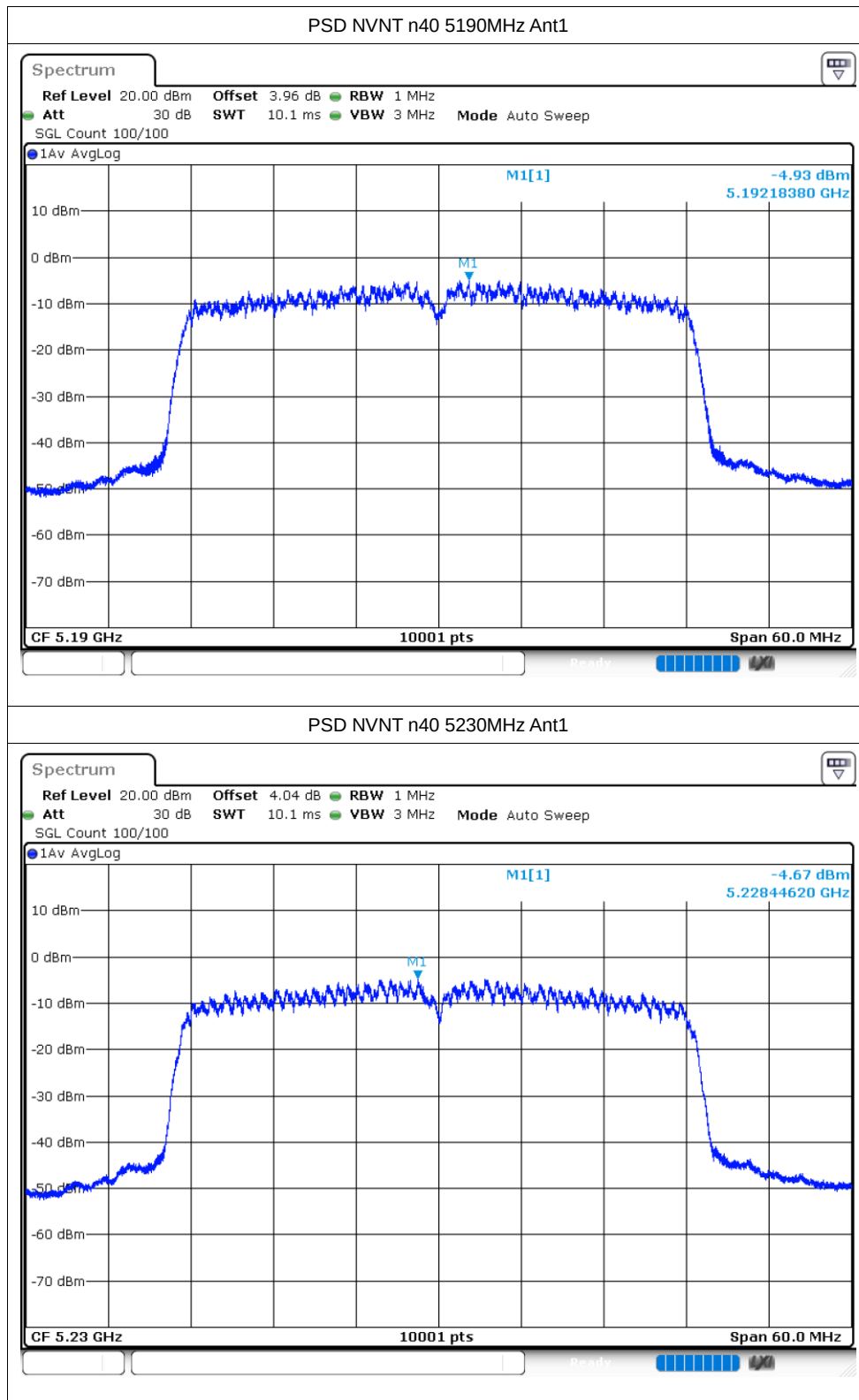


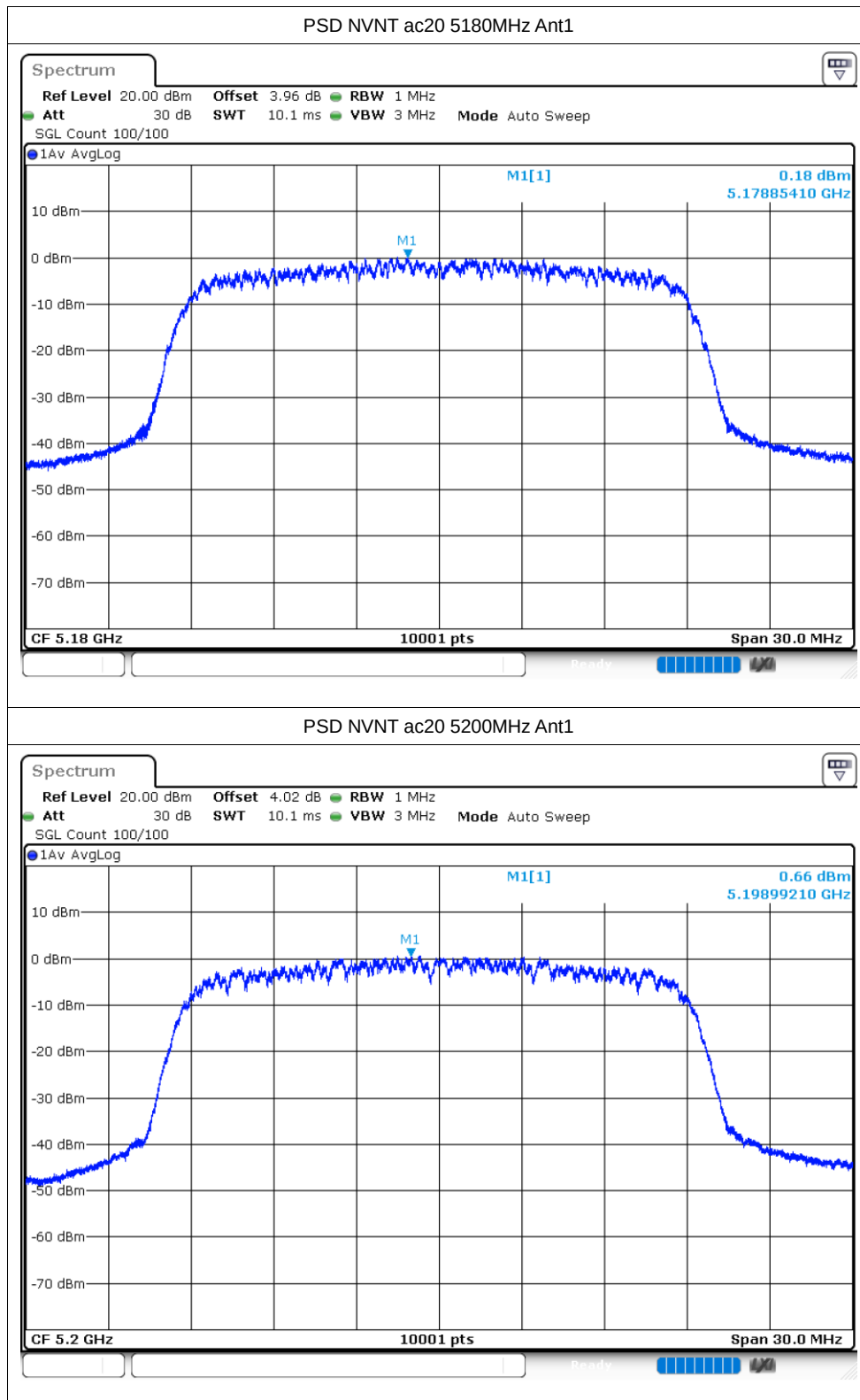
PSD NVNT a 5200MHz Ant1

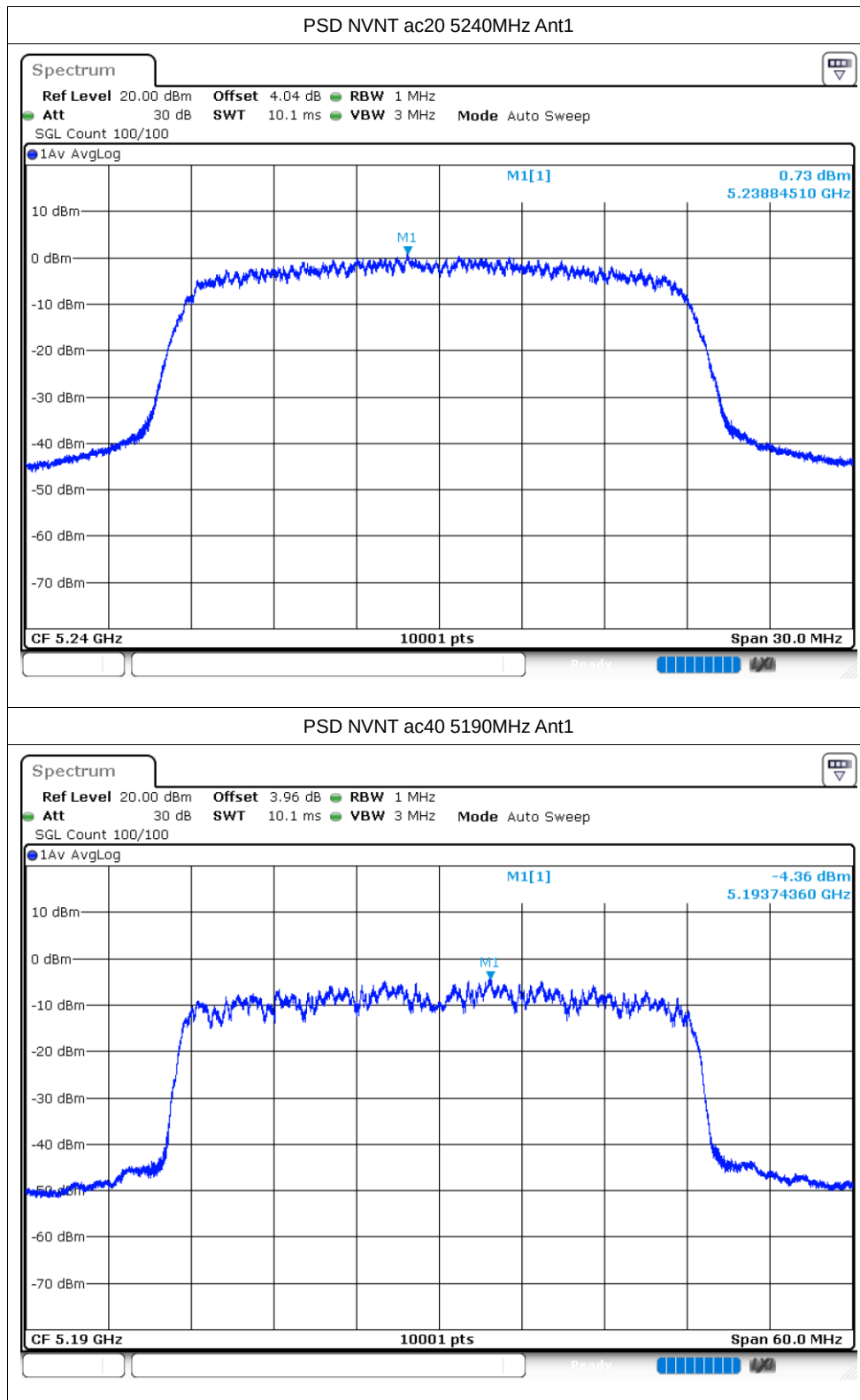


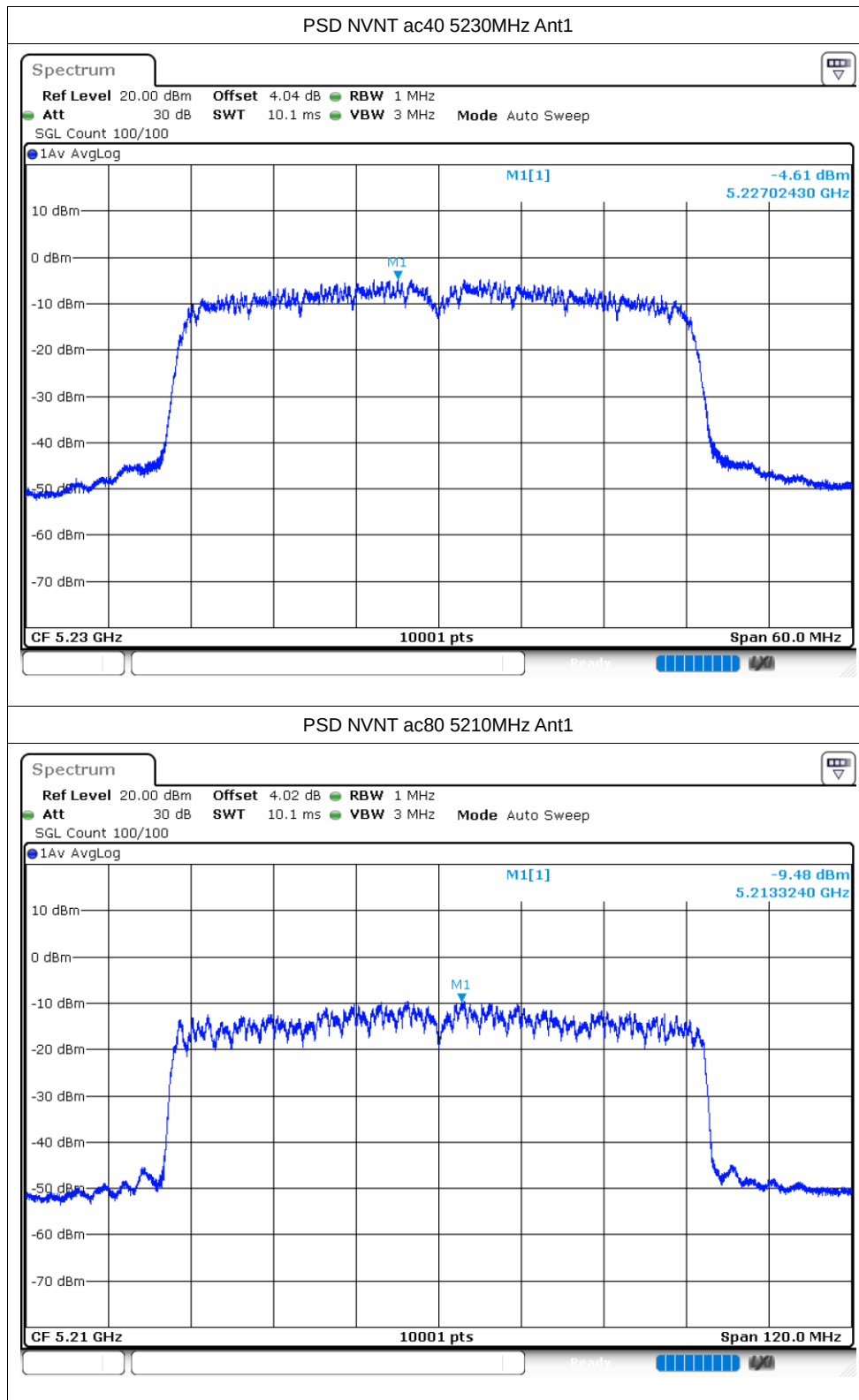










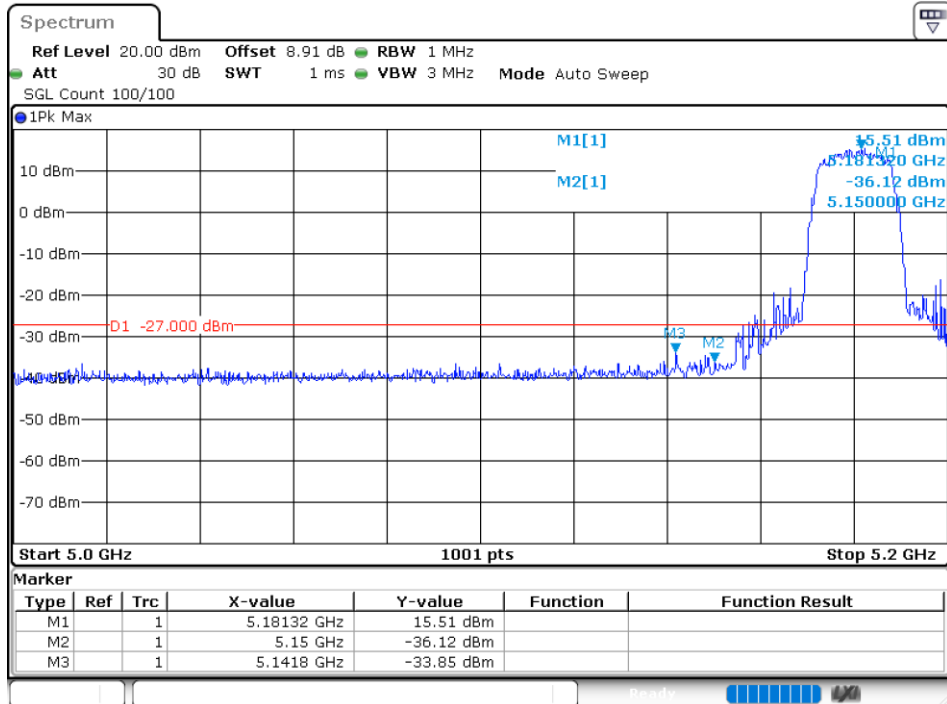


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-33.84	-27	Pass
NVNT	a	5240	Ant1	-36.89	-27	Pass
NVNT	n20	5180	Ant1	-34.16	-27	Pass
NVNT	n20	5240	Ant1	-36.94	-27	Pass
NVNT	n40	5190	Ant1	-34.08	-27	Pass
NVNT	n40	5230	Ant1	-36.77	-27	Pass
NVNT	ac20	5180	Ant1	-36.33	-27	Pass
NVNT	ac20	5240	Ant1	-37.03	-27	Pass
NVNT	ac40	5190	Ant1	-35.19	-27	Pass
NVNT	ac40	5230	Ant1	-37.23	-27	Pass
NVNT	ac80	5210	Ant1	-37.14	-27	Pass
NVNT	ac80	5210	Ant1	-33.61	-27	Pass

Test Graphs

Band Edge NVNT a 5180MHz Low Ant1



Band Edge NVNT a 5240MHz High Ant1

