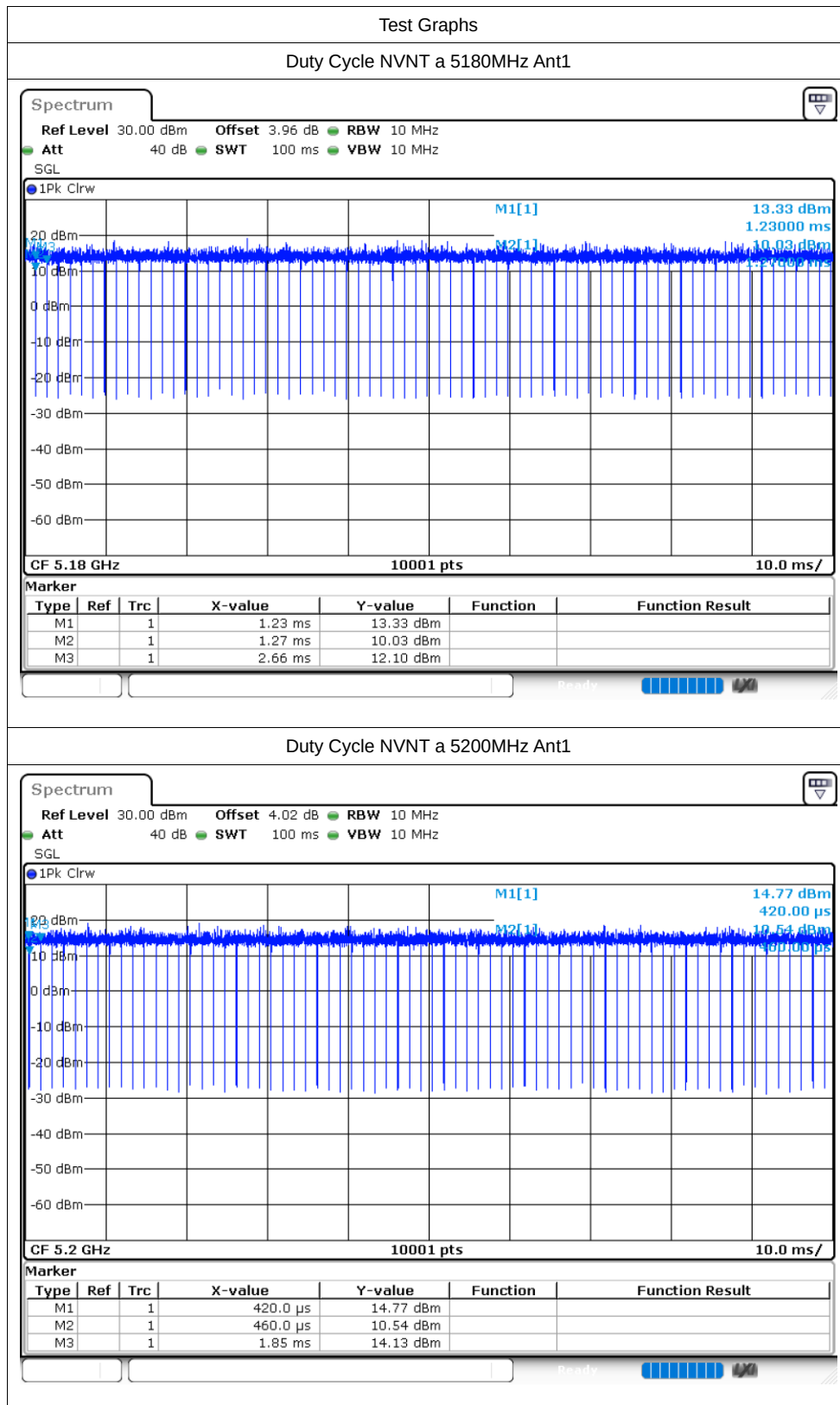
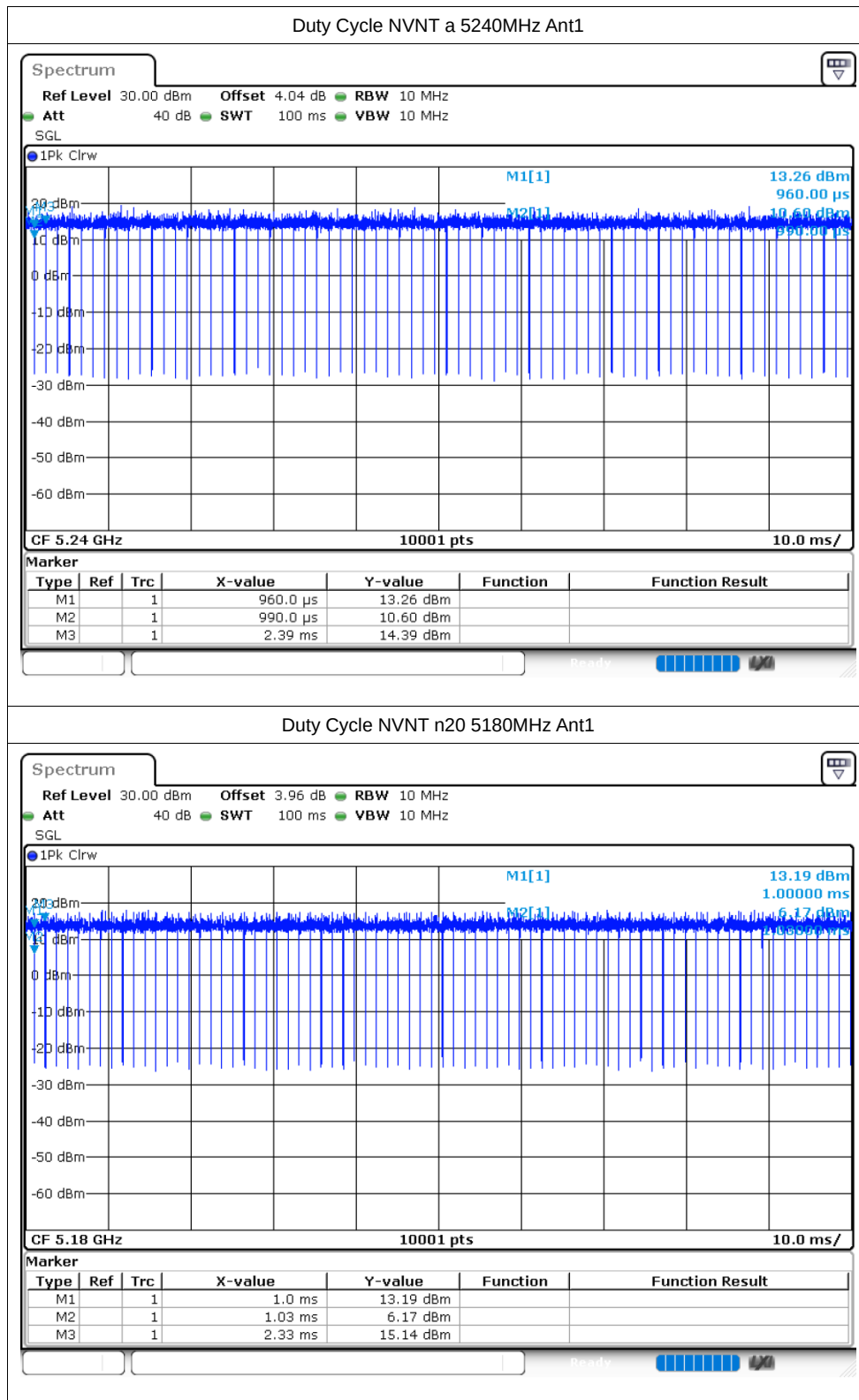


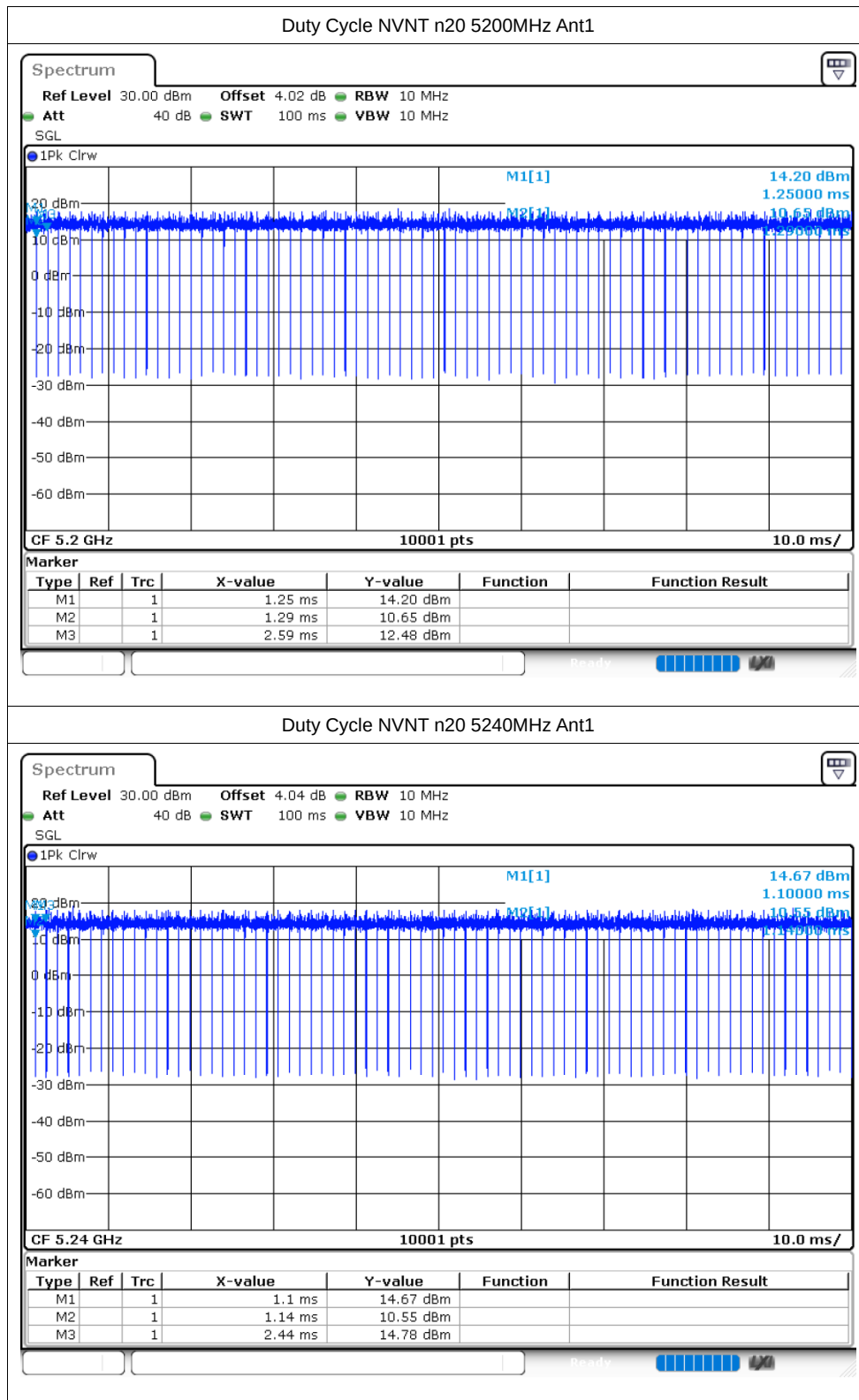
WIFI 5.2G:

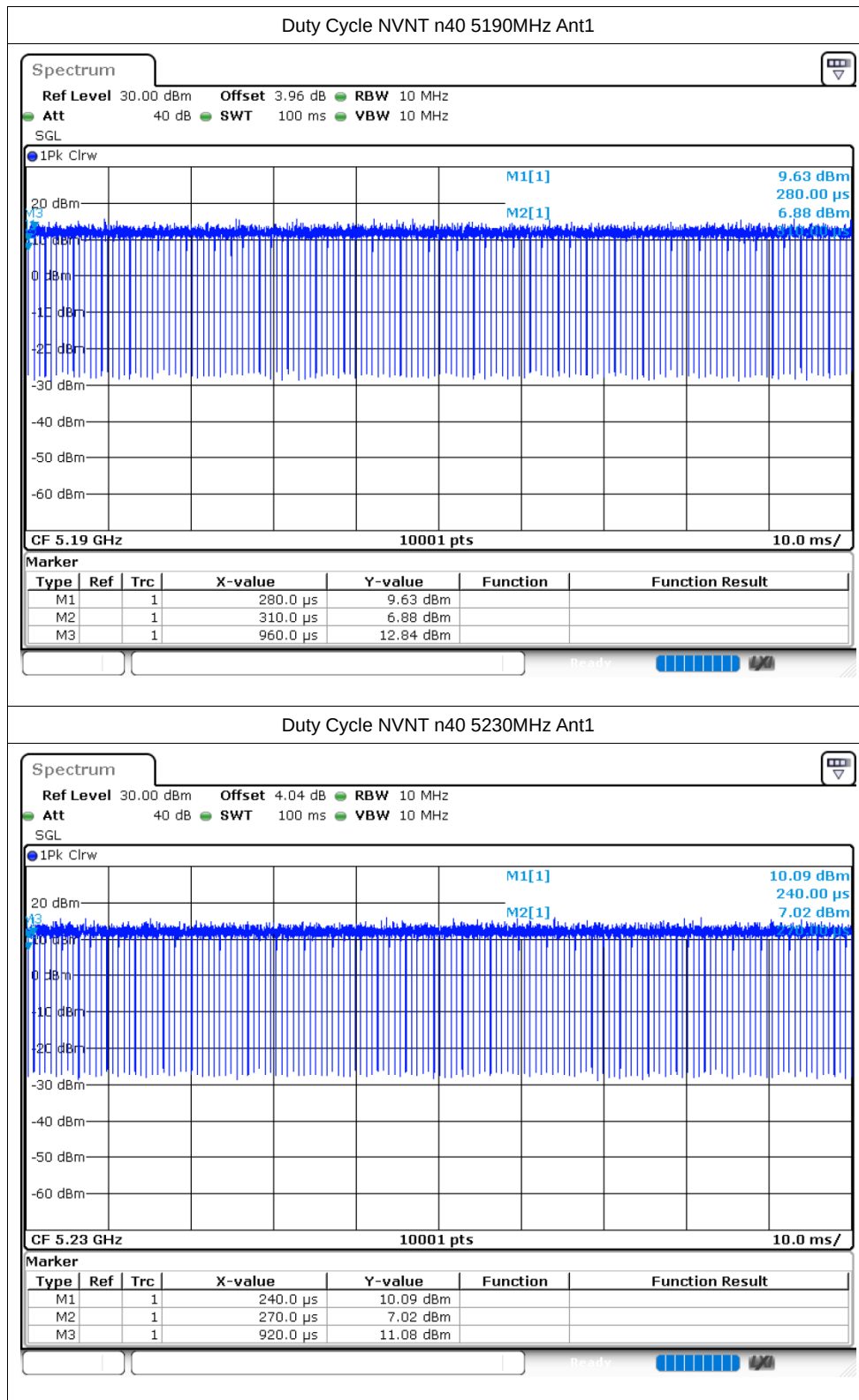
Duty Cycle

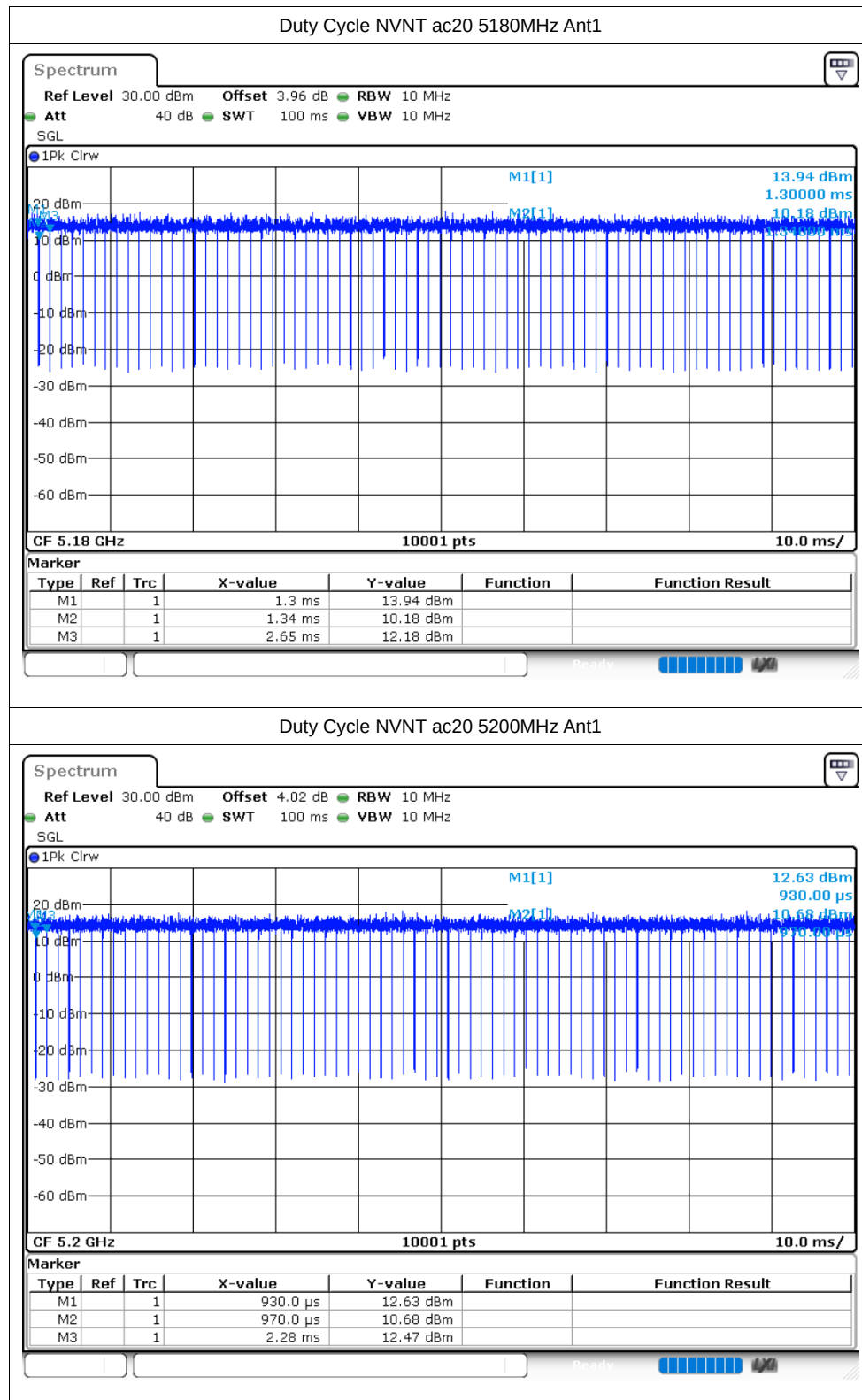
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	98.19	0.08	0.72
NVNT	a	5200	Ant1	98.2	0.08	0.72
NVNT	a	5240	Ant1	98.18	0.08	0.71
NVNT	n20	5180	Ant1	98.06	0.09	0.77
NVNT	n20	5200	Ant1	98.08	0.08	0.77
NVNT	n20	5240	Ant1	98.06	0.09	0.77
NVNT	n40	5190	Ant1	96.33	0.16	1.54
NVNT	n40	5230	Ant1	96.32	0.16	1.54
NVNT	ac20	5180	Ant1	98.08	0.08	0.76
NVNT	ac20	5200	Ant1	98.09	0.08	0.76
NVNT	ac20	5240	Ant1	98.07	0.08	0.76
NVNT	ac40	5190	Ant1	96.34	0.16	1.54
NVNT	ac40	5230	Ant1	96.39	0.16	1.54
NVNT	ac80	5210	Ant1	93.1	0.31	3.13

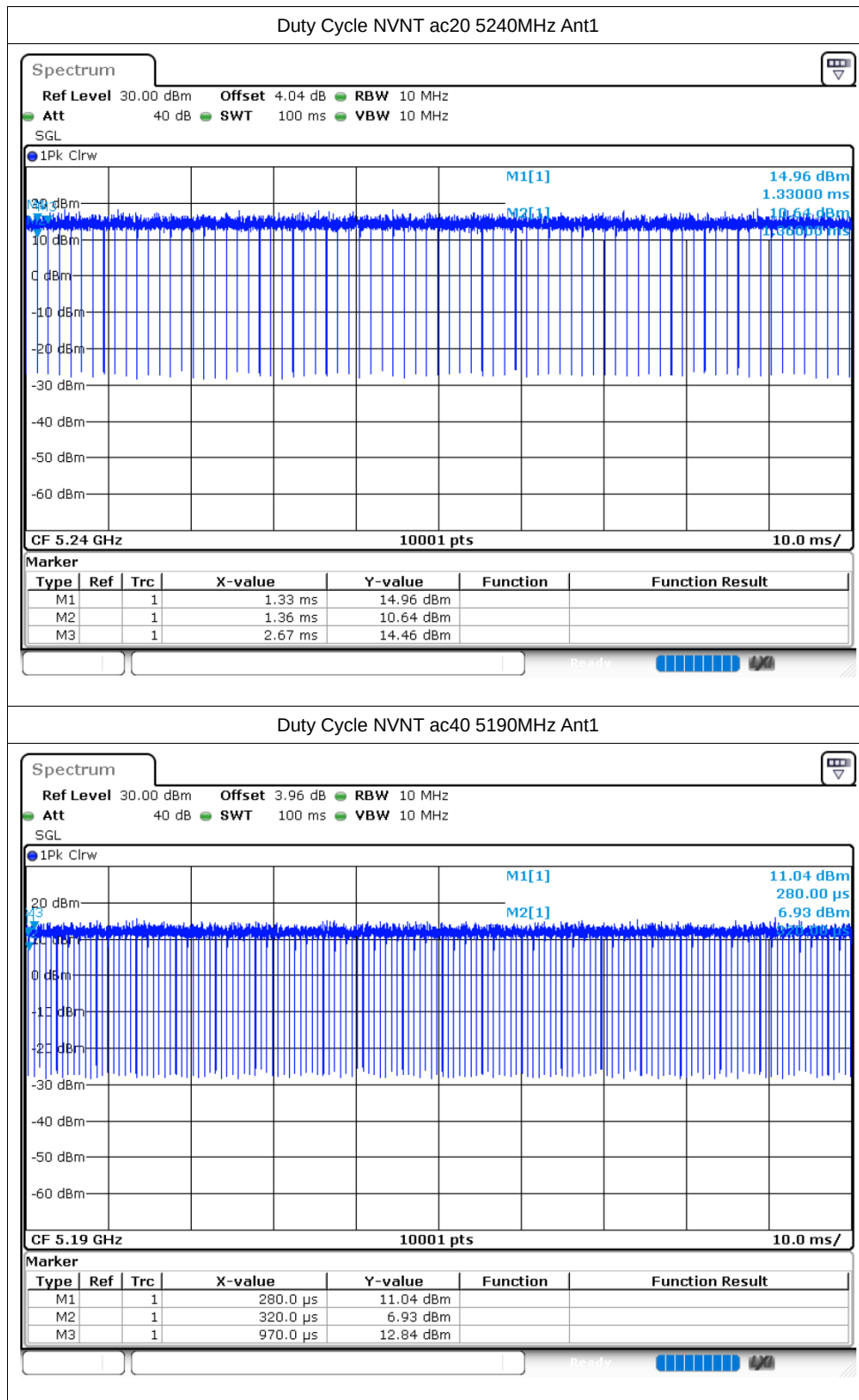


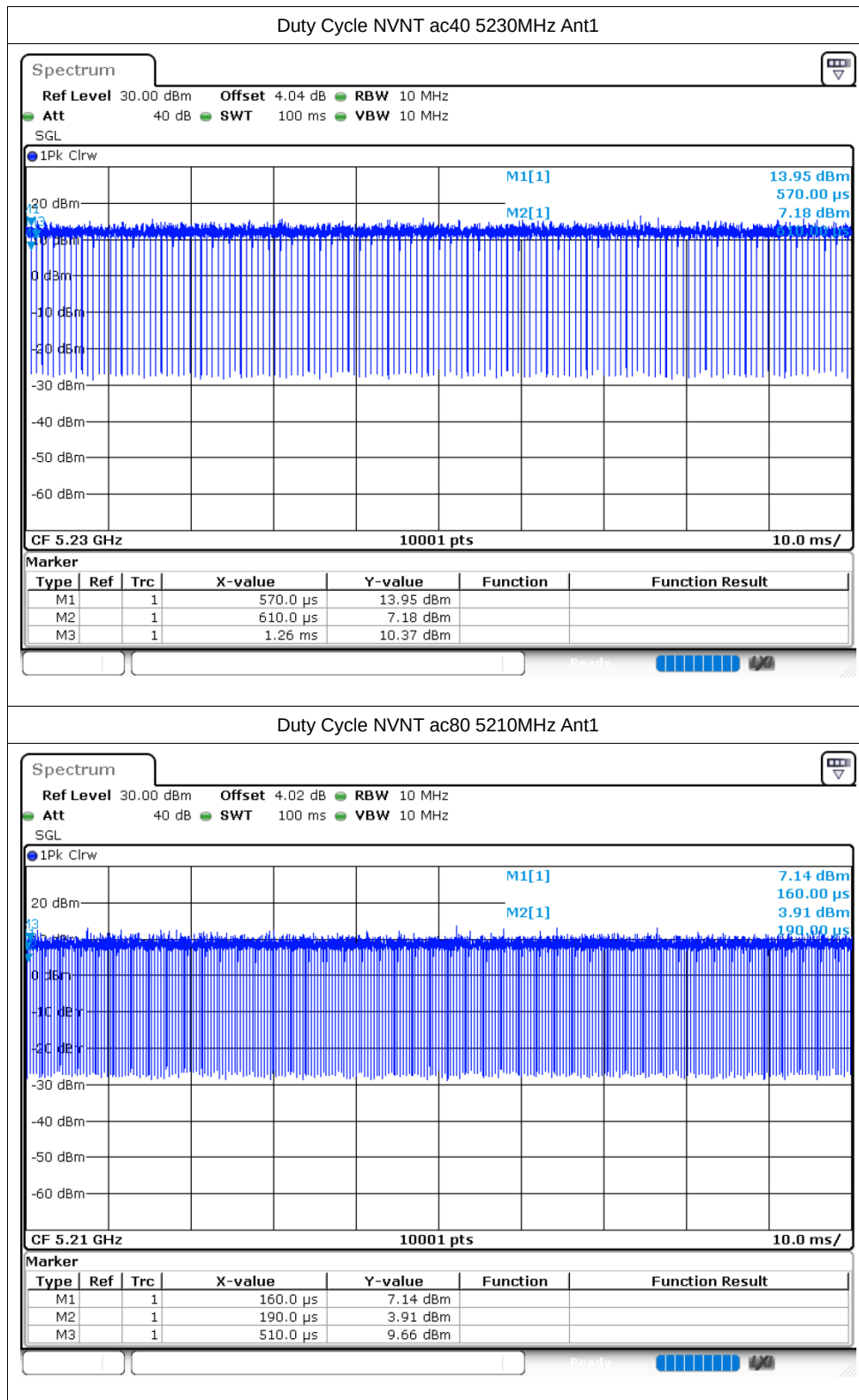












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	9.26	24	Pass
NVNT	a	5200	Ant1	9.37	24	Pass
NVNT	a	5240	Ant1	9.49	24	Pass
NVNT	n20	5180	Ant1	9.21	24	Pass
NVNT	n20	5200	Ant1	9.25	24	Pass
NVNT	n20	5240	Ant1	9.33	24	Pass
NVNT	n40	5190	Ant1	9.23	24	Pass
NVNT	n40	5230	Ant1	9.56	24	Pass
NVNT	ac20	5180	Ant1	9.18	24	Pass
NVNT	ac20	5200	Ant1	9.49	24	Pass
NVNT	ac20	5240	Ant1	9.47	24	Pass
NVNT	ac40	5190	Ant1	9.32	24	Pass
NVNT	ac40	5230	Ant1	9.41	24	Pass
NVNT	ac80	5210	Ant1	9.13	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.746	Pass
NVNT	a	5200	Ant1	19.785	Pass
NVNT	a	5240	Ant1	19.695	Pass
NVNT	n20	5180	Ant1	20.115	Pass
NVNT	n20	5200	Ant1	20.469	Pass
NVNT	n20	5240	Ant1	19.689	Pass
NVNT	n40	5190	Ant1	40.596	Pass
NVNT	n40	5230	Ant1	40.59	Pass
NVNT	ac20	5180	Ant1	20.343	Pass
NVNT	ac20	5200	Ant1	20.139	Pass
NVNT	ac20	5240	Ant1	20.055	Pass
NVNT	ac40	5190	Ant1	40.446	Pass
NVNT	ac40	5230	Ant1	40.782	Pass
NVNT	ac80	5210	Ant1	80.928	Pass

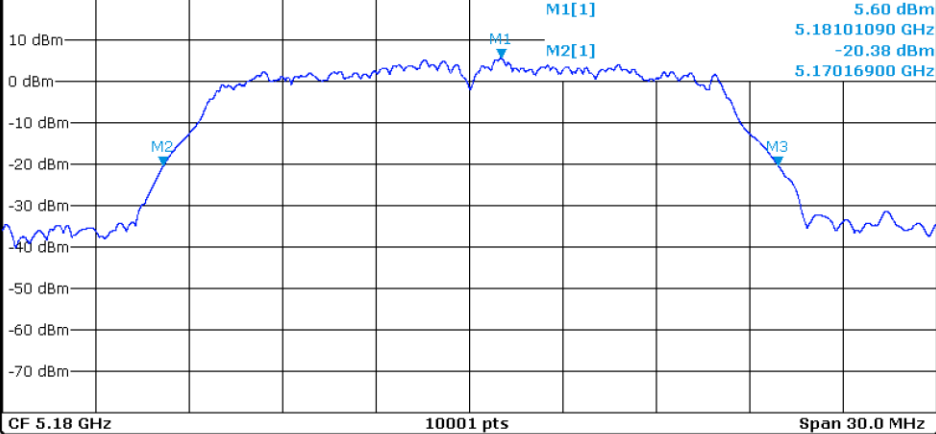
Test Graphs

-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

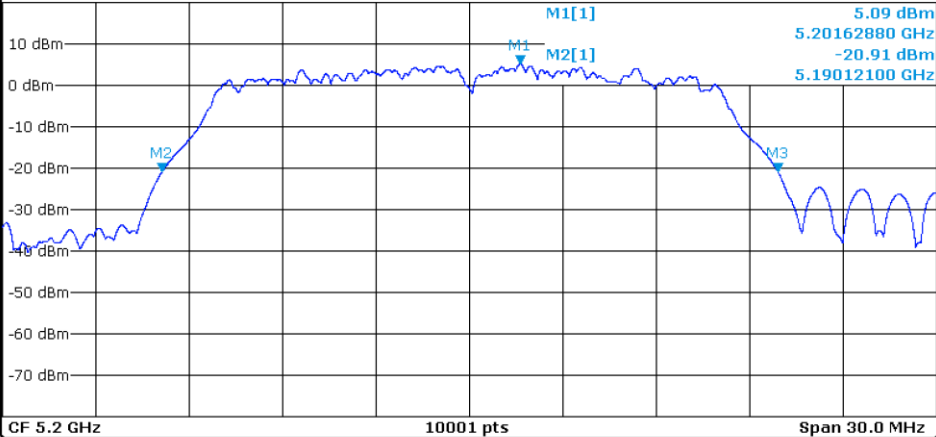
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.1810109 GHz	5.60 dBm		
M2	1		5.170169 GHz	-20.38 dBm		
M3	1		5.189915 GHz	-20.38 dBm		

-26dB Bandwidth NVNT a 5200MHz Ant1

Spectrum

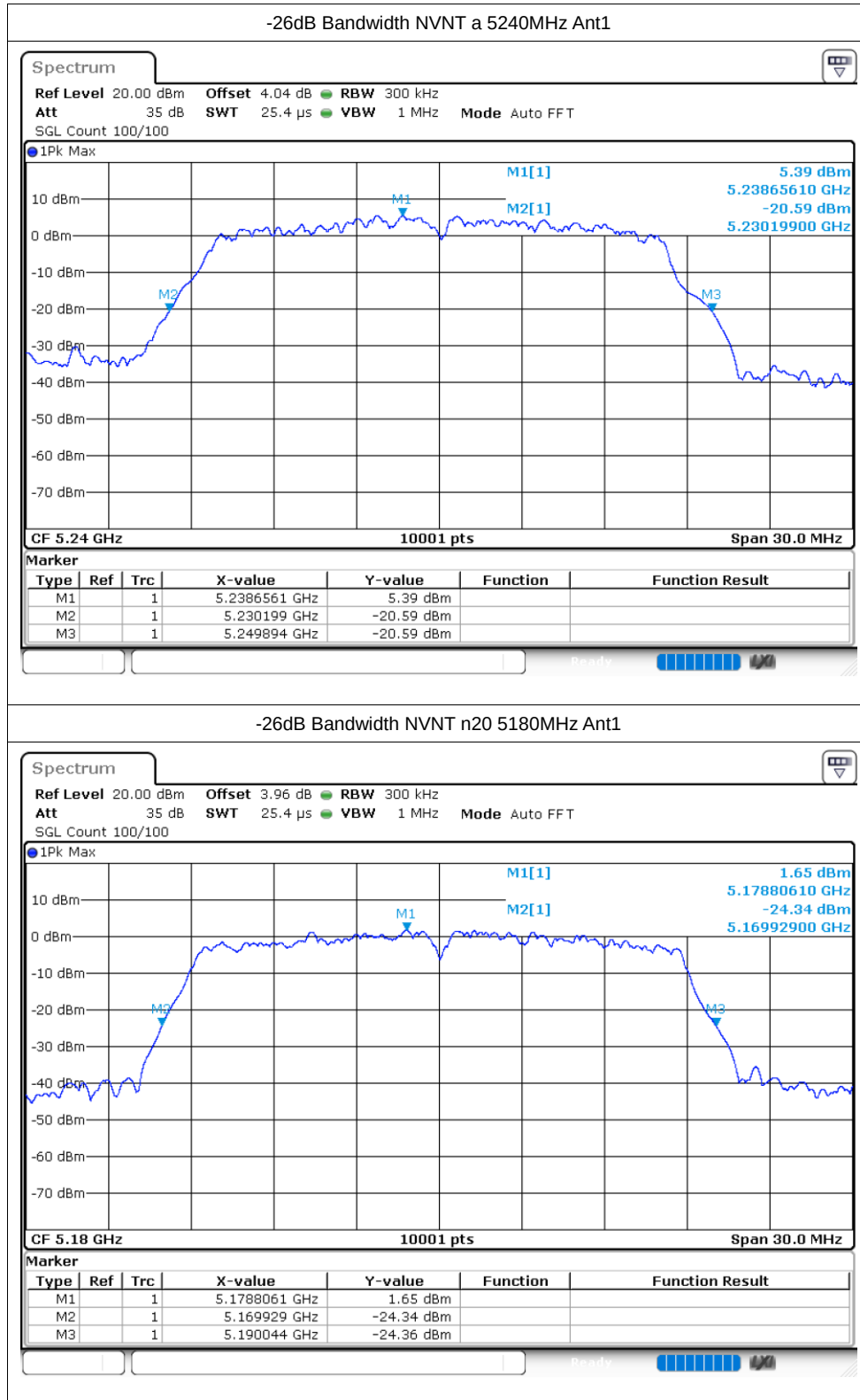
Ref Level 20.00 dBm Offset 4.02 dB RBW 300 kHz
 Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
 SGL Count 100/100

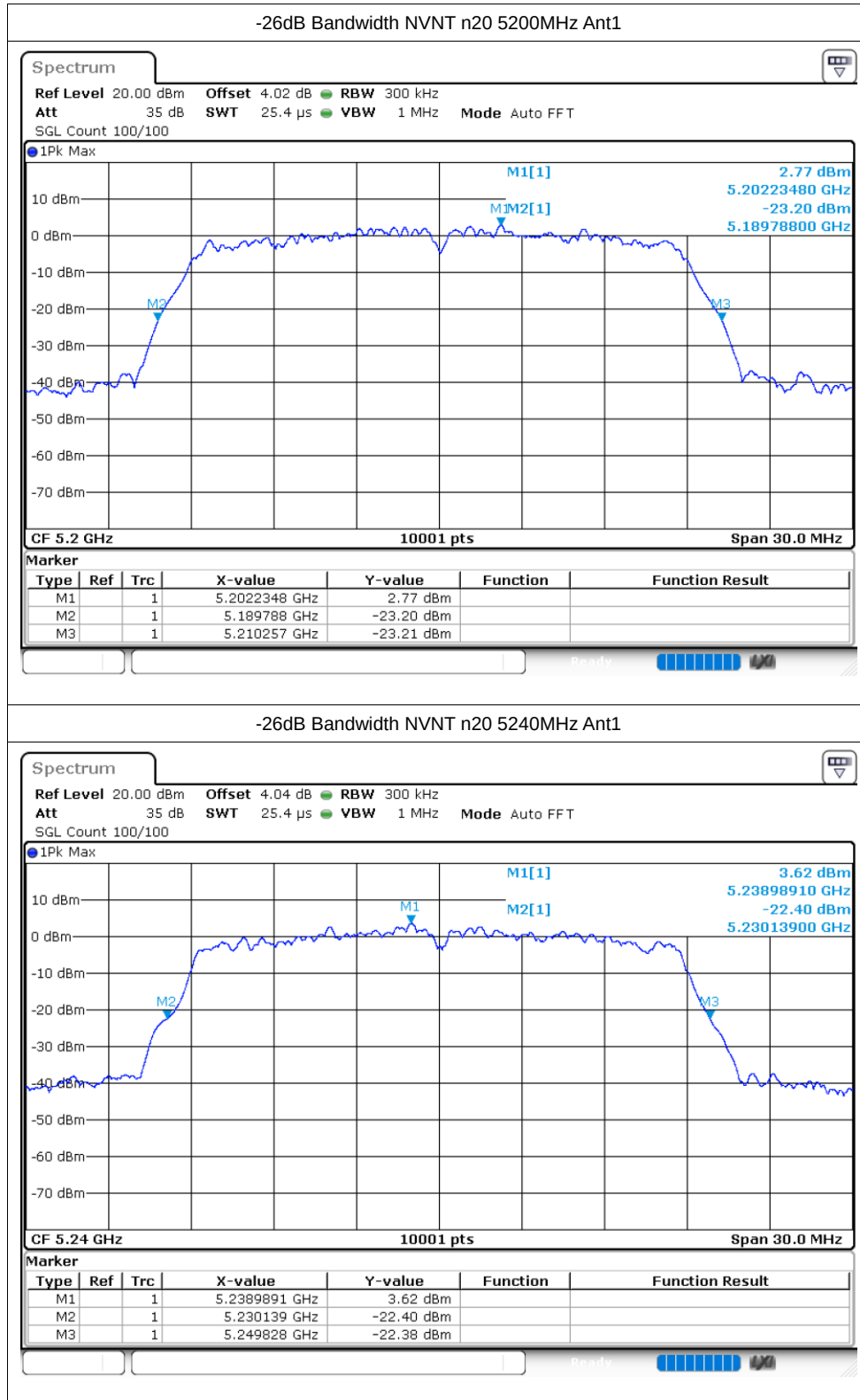
1Pk Max

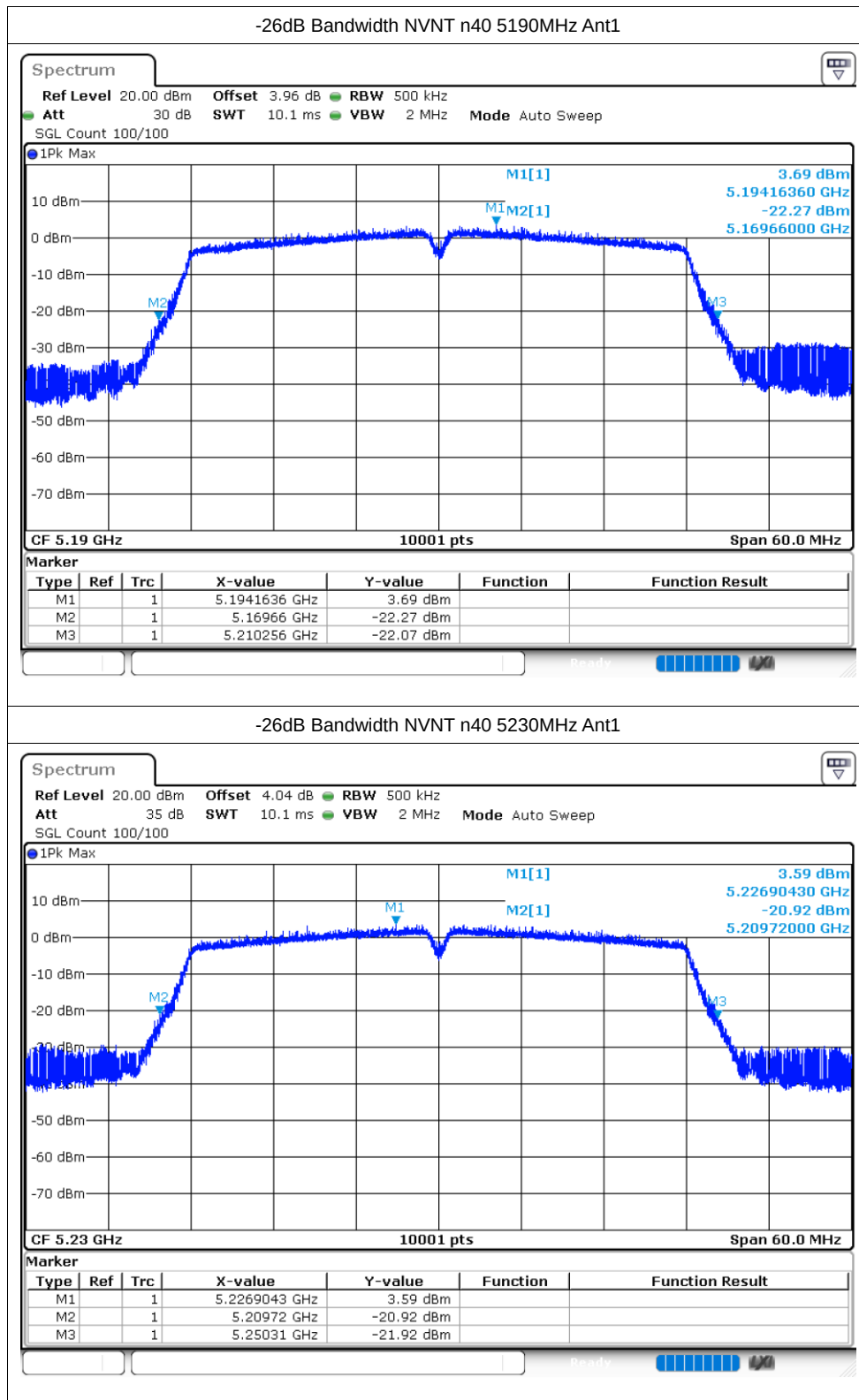


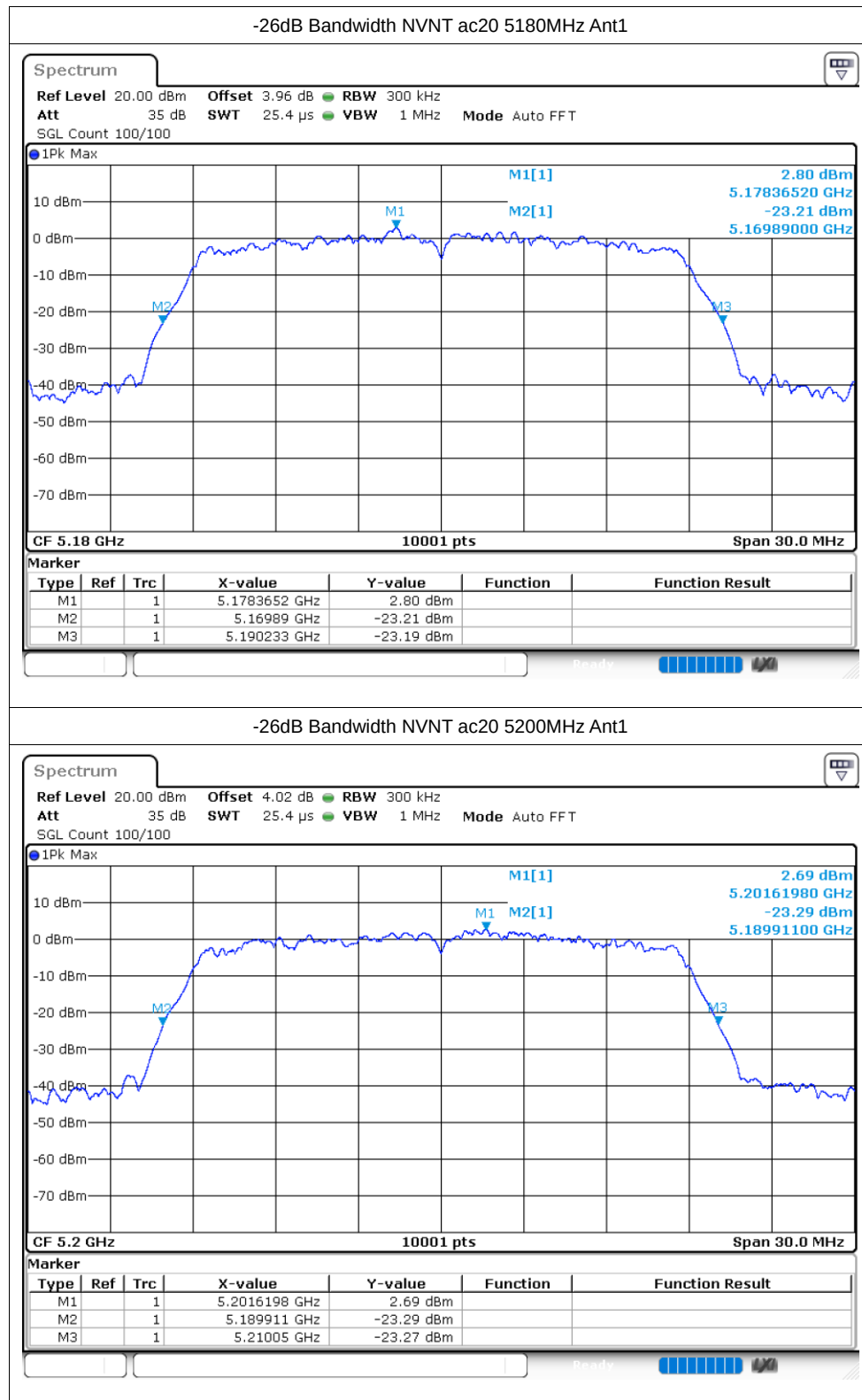
Marker

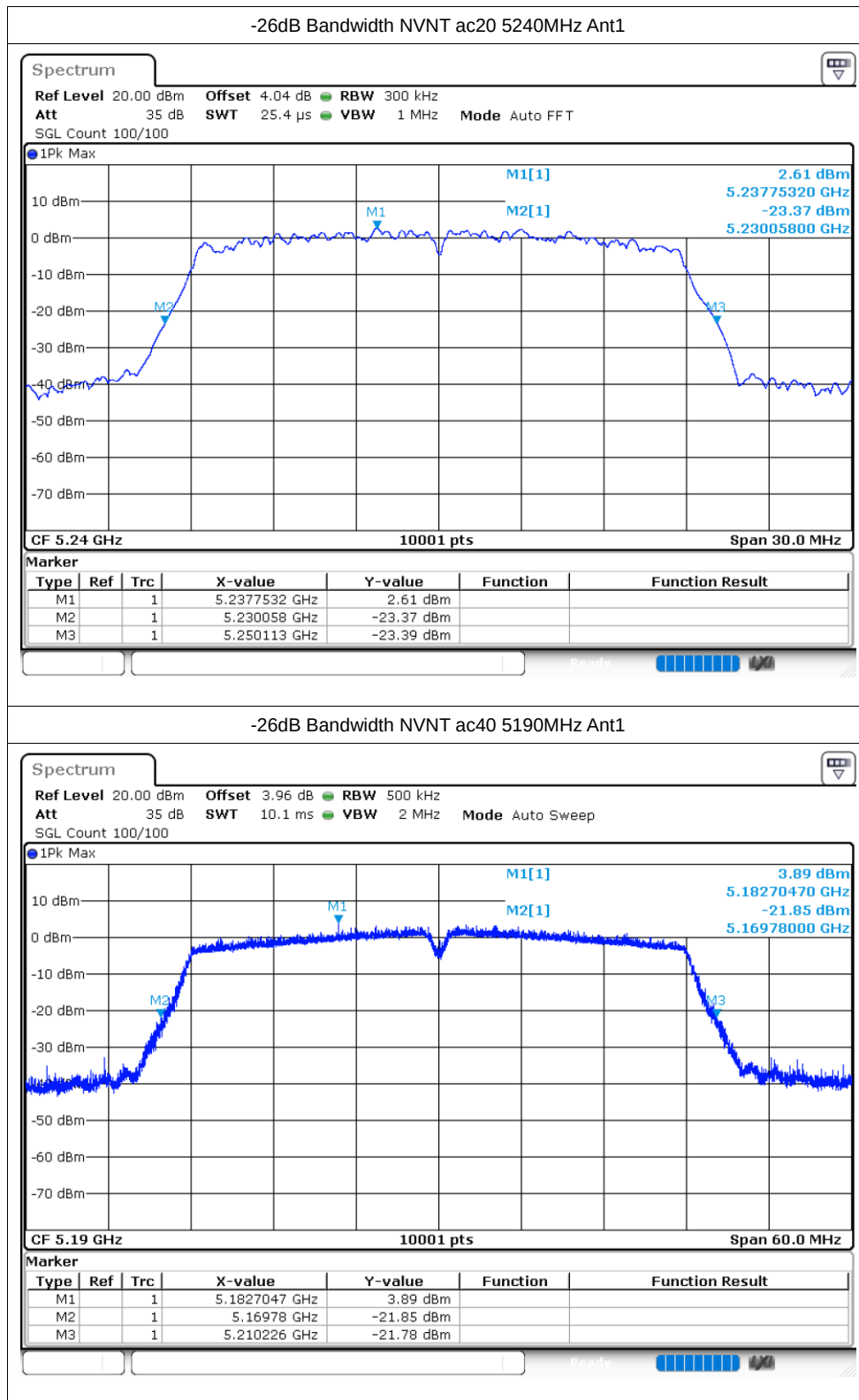
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.2016288 GHz	5.09 dBm		
M2	1		5.190121 GHz	-20.91 dBm		
M3	1		5.209906 GHz	-20.92 dBm		

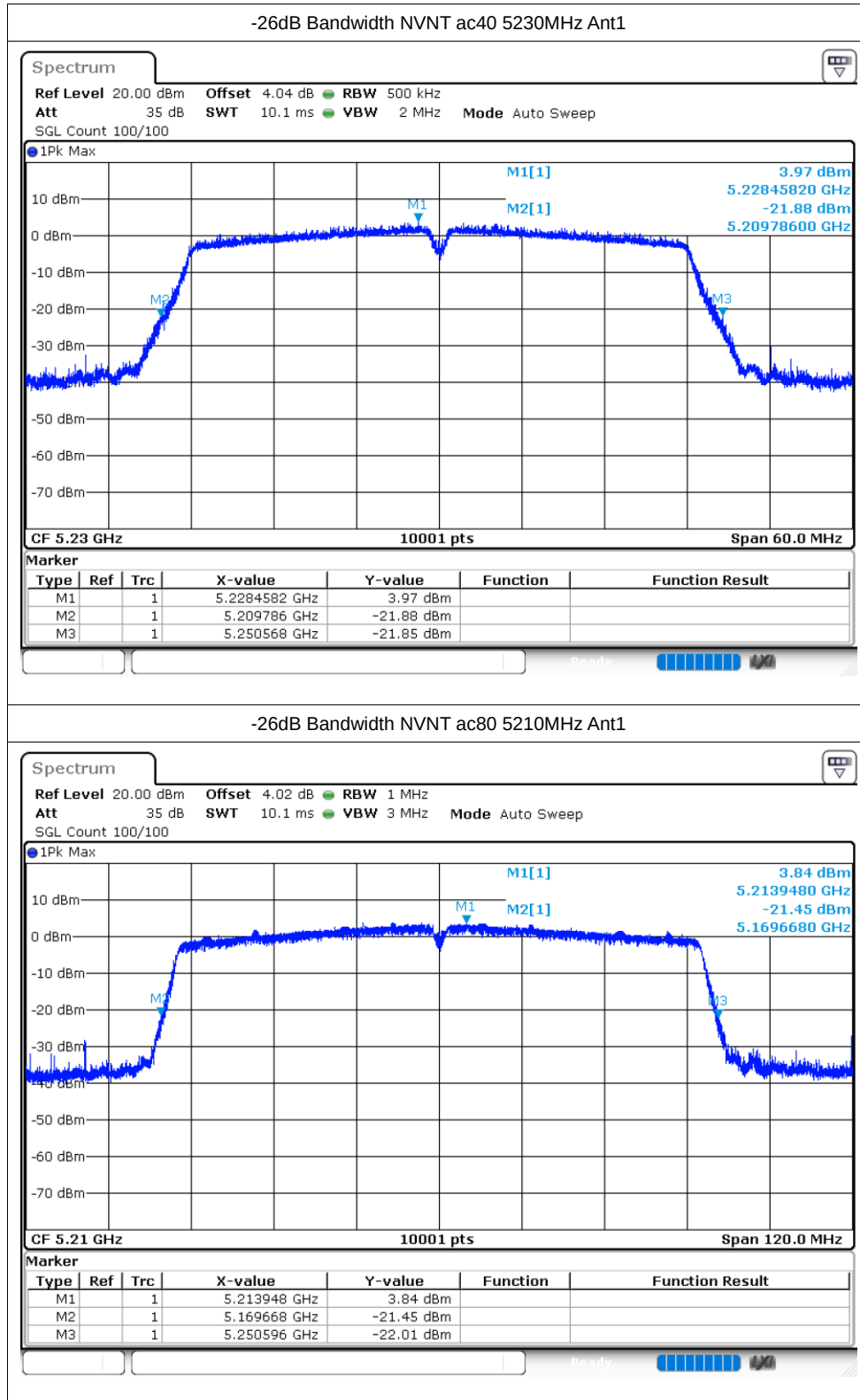










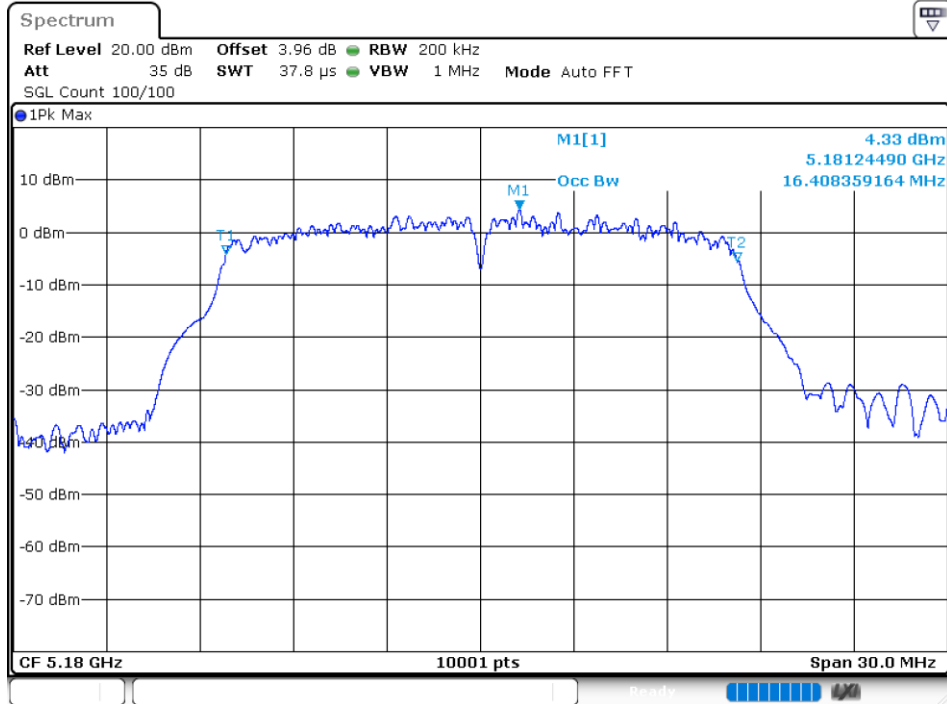


Occupied Channel Bandwidth

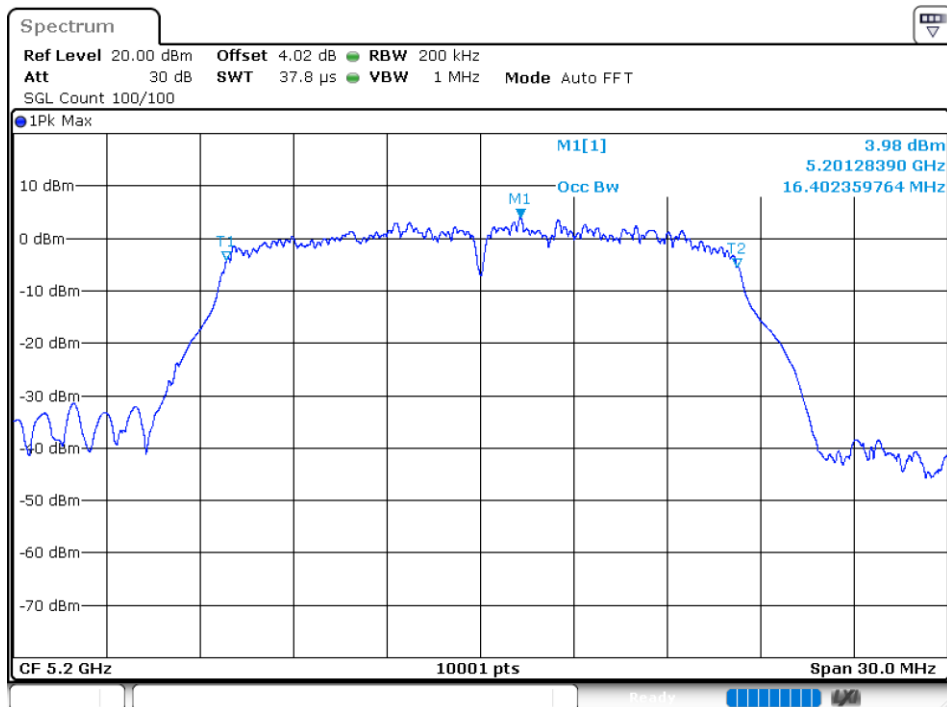
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.408
NVNT	a	5200	Ant1	16.402
NVNT	a	5240	Ant1	16.378
NVNT	n20	5180	Ant1	17.524
NVNT	n20	5200	Ant1	17.476
NVNT	n20	5240	Ant1	17.545
NVNT	n40	5190	Ant1	35.984
NVNT	n40	5230	Ant1	36.032
NVNT	ac20	5180	Ant1	17.509
NVNT	ac20	5200	Ant1	17.512
NVNT	ac20	5240	Ant1	17.476
NVNT	ac40	5190	Ant1	35.966
NVNT	ac40	5230	Ant1	36.014
NVNT	ac80	5210	Ant1	75.04

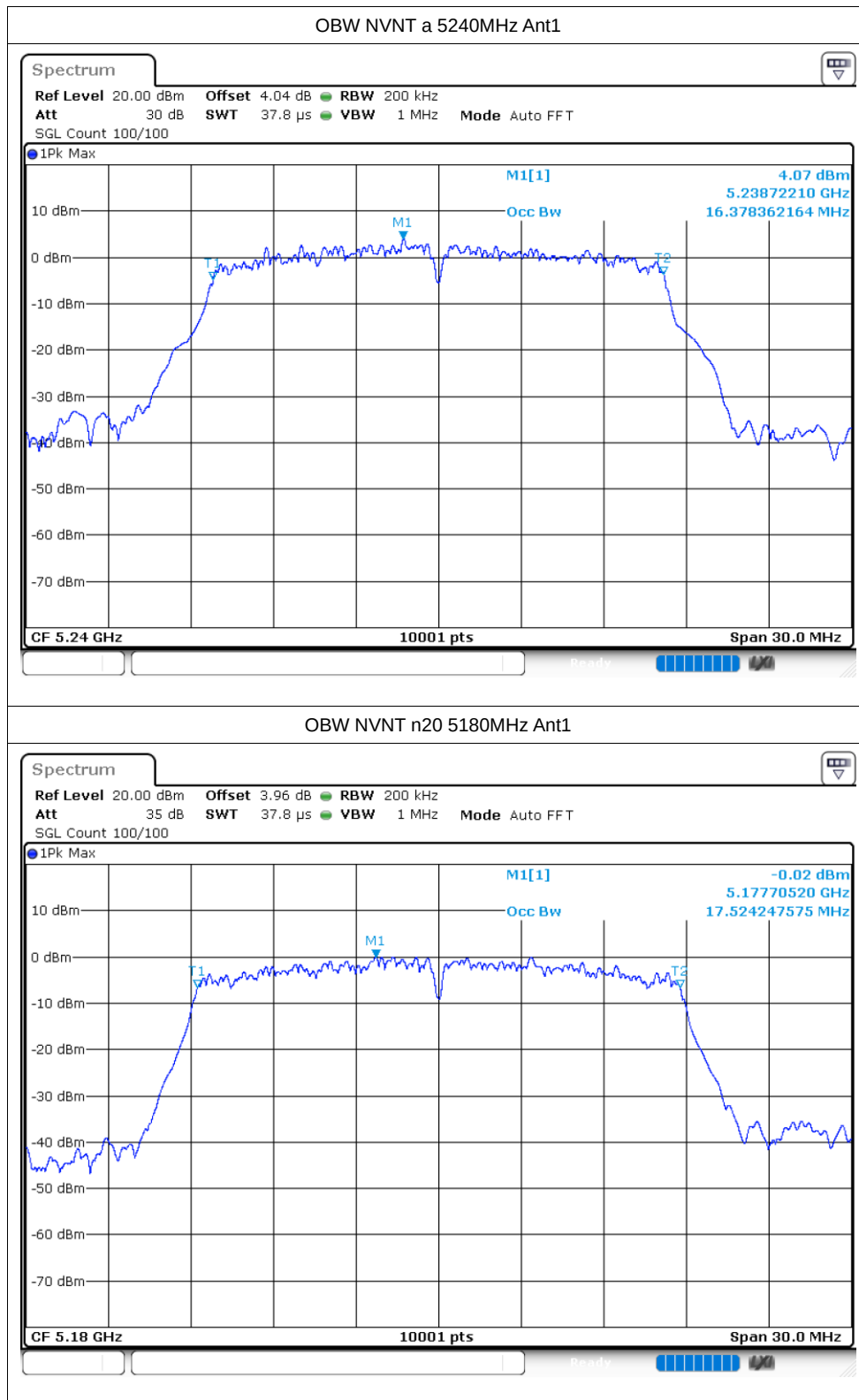
Test Graphs

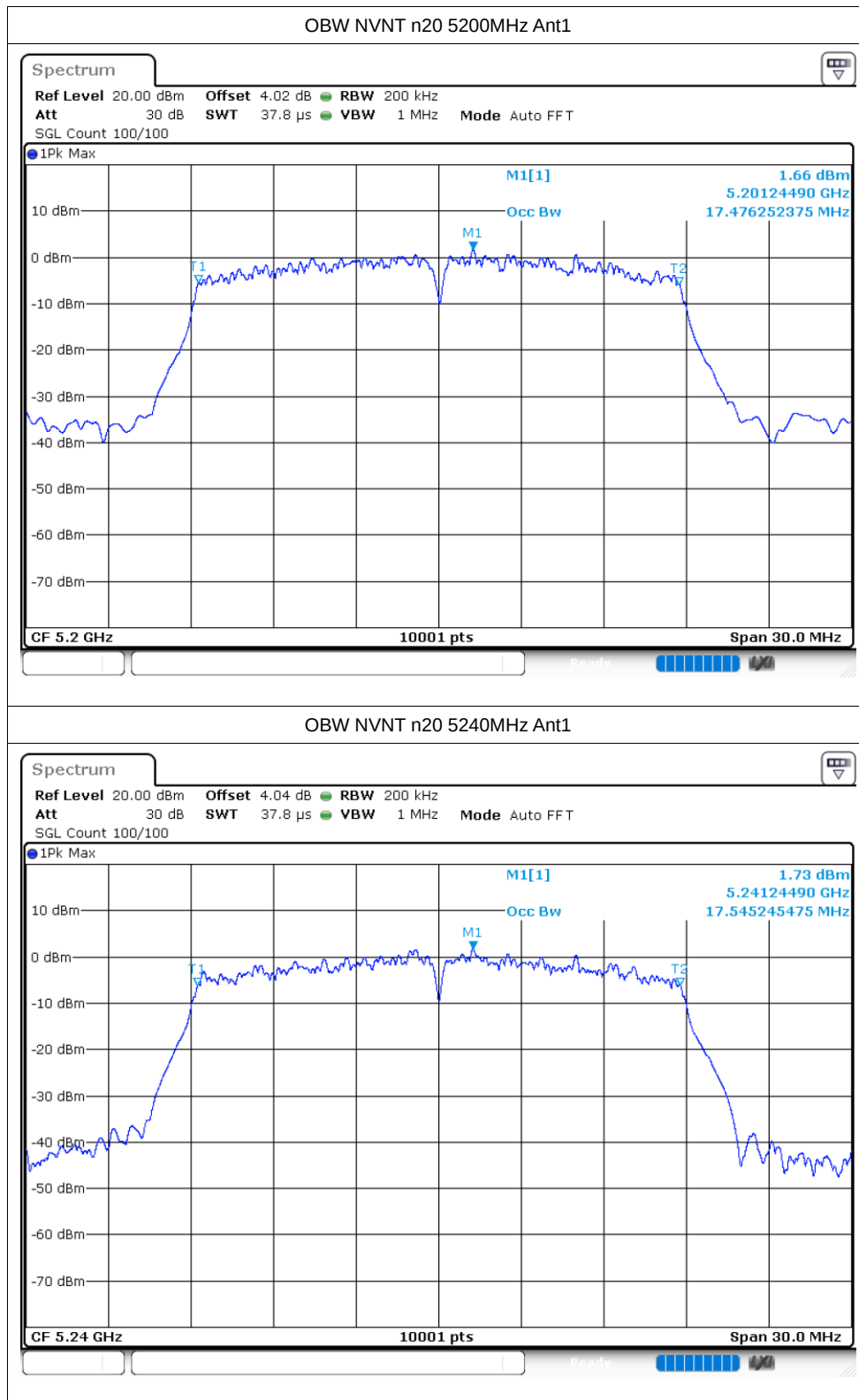
OBW NVNT a 5180MHz Ant1

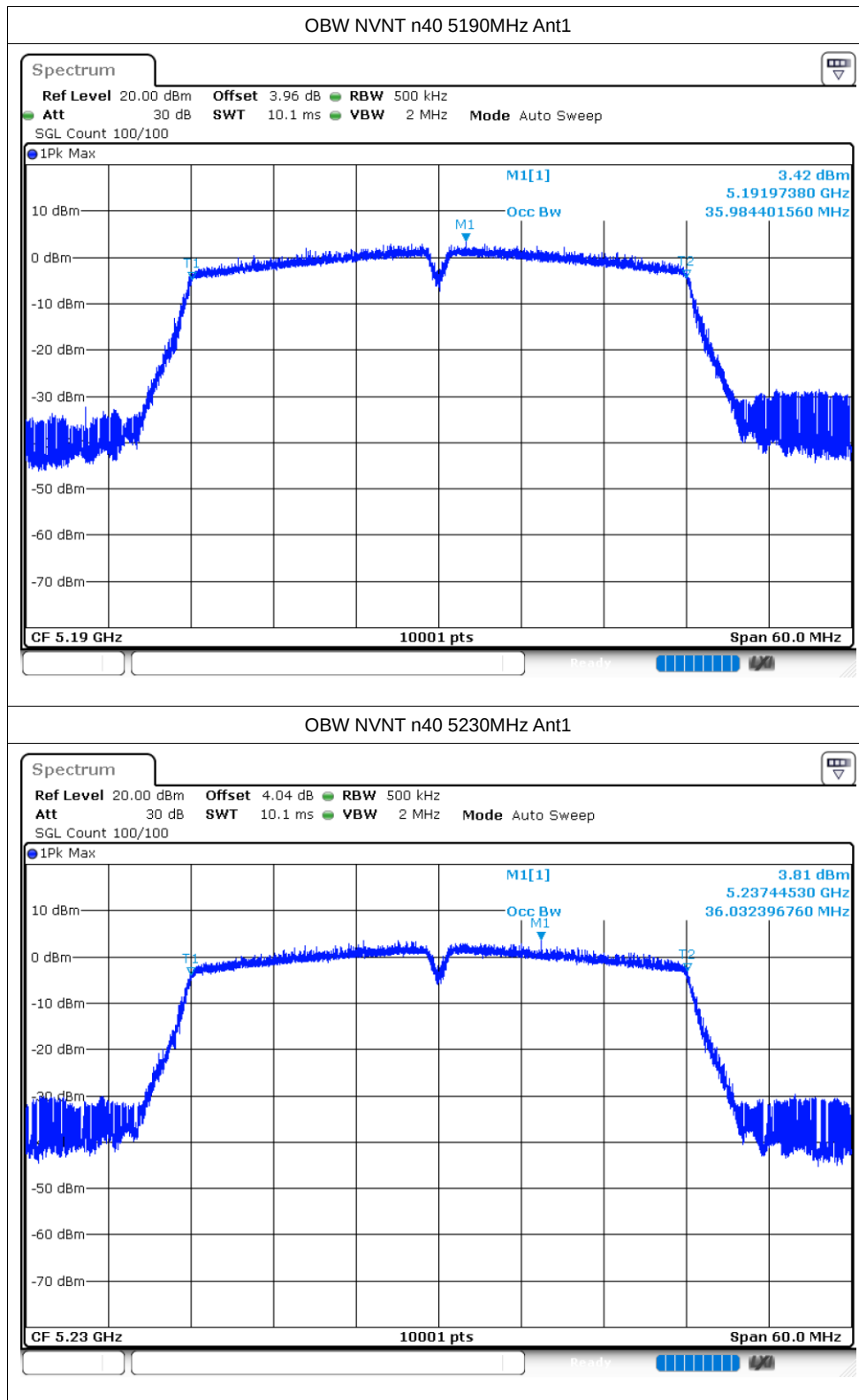


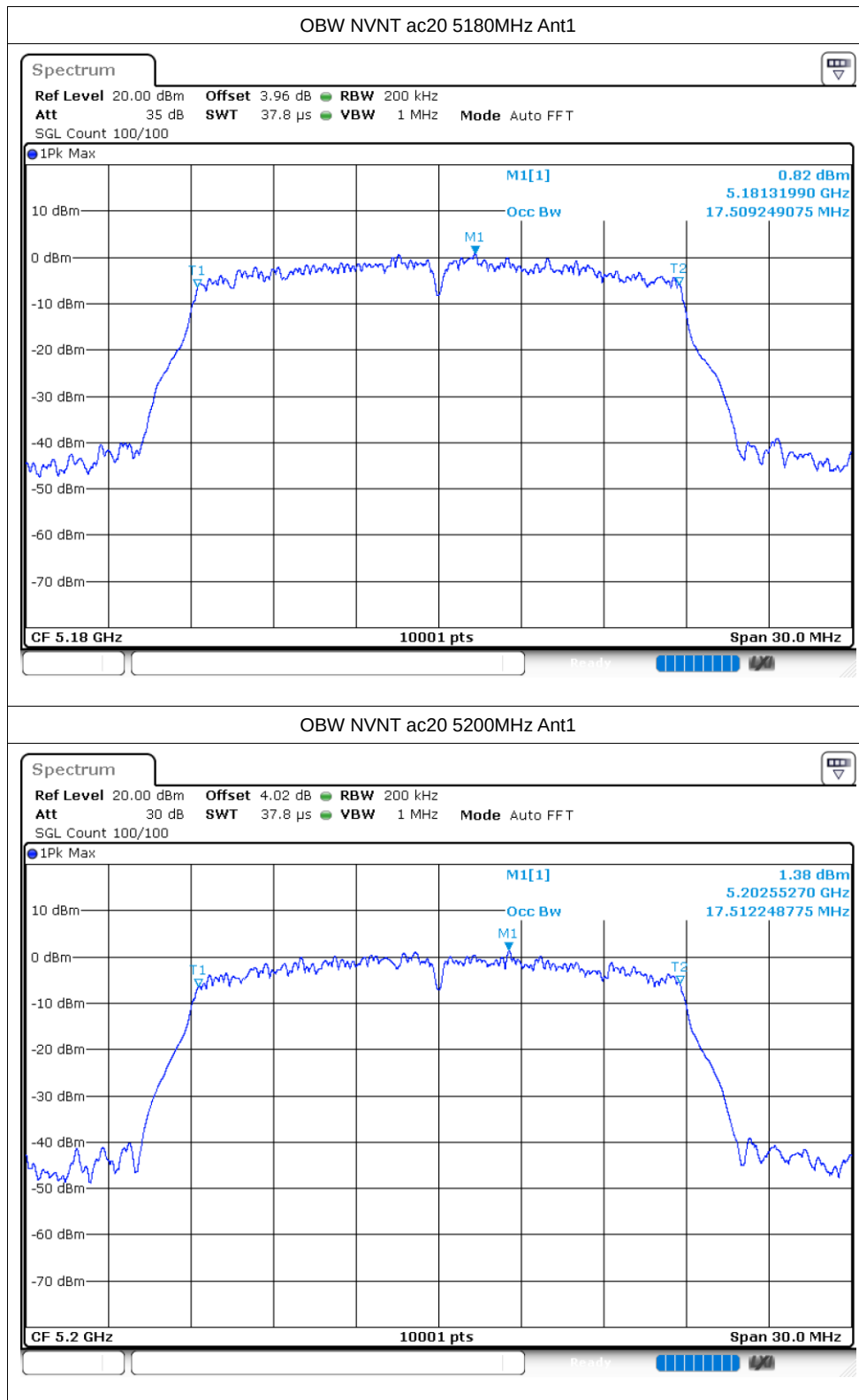
OBW NVNT a 5200MHz Ant1

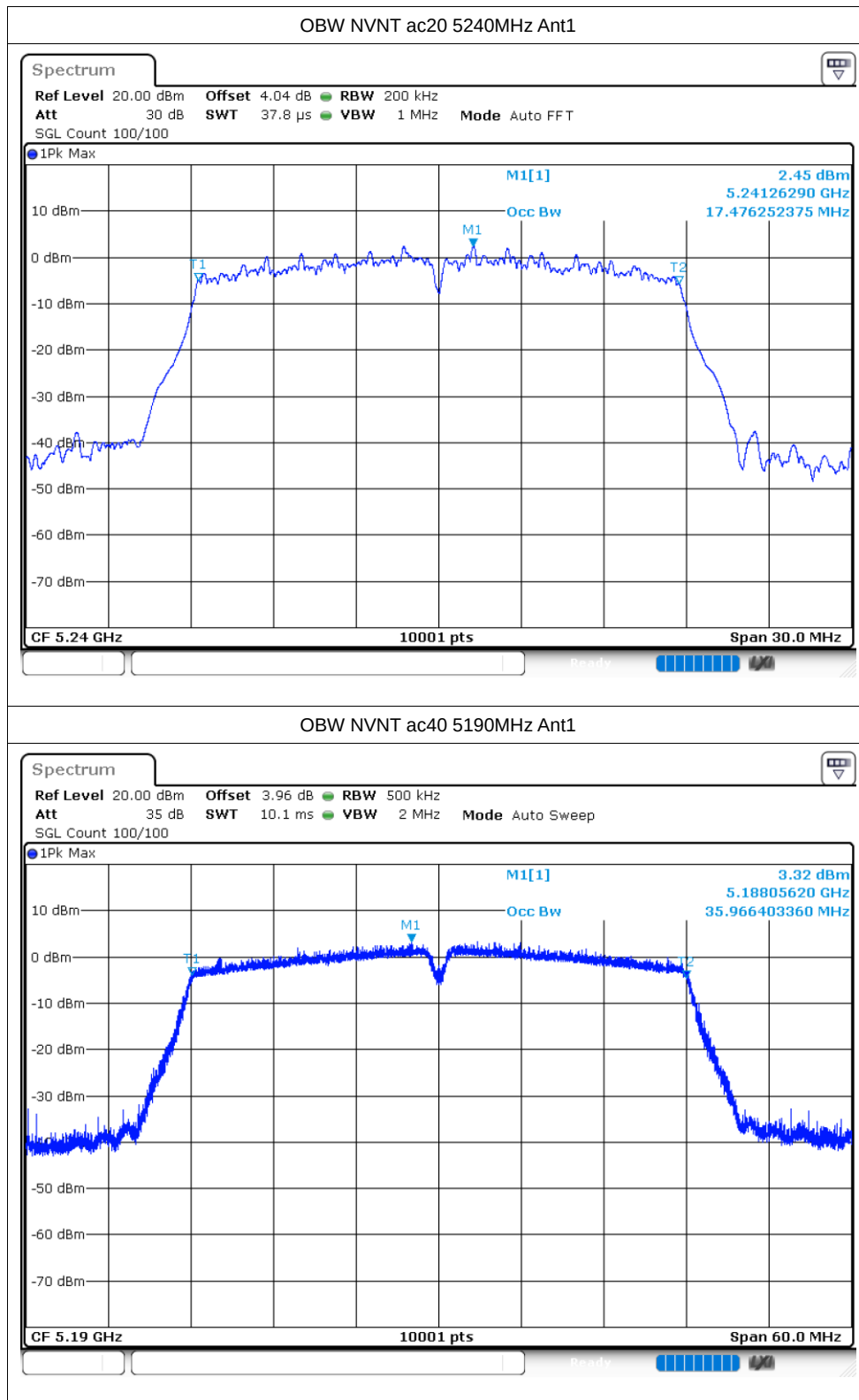


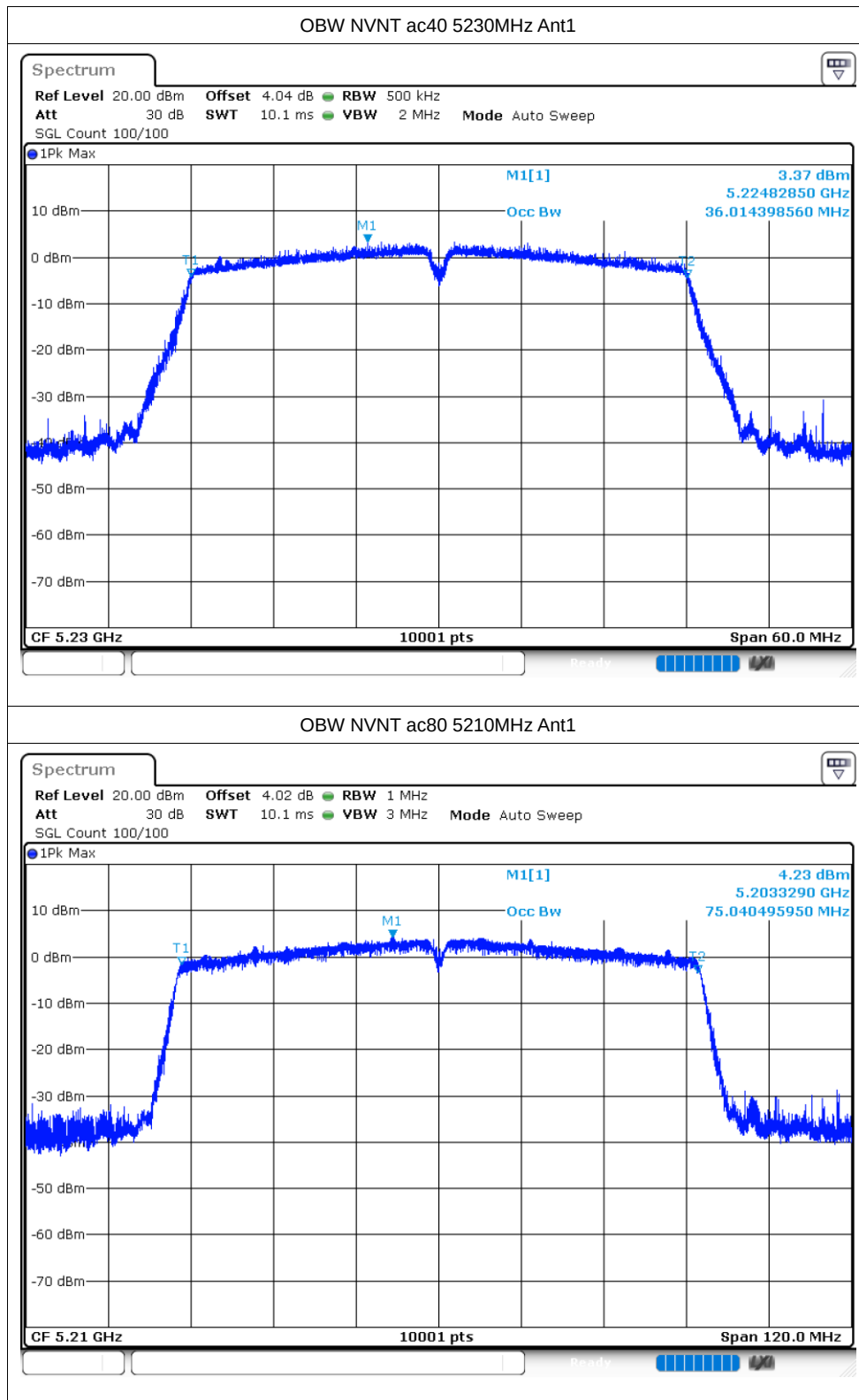










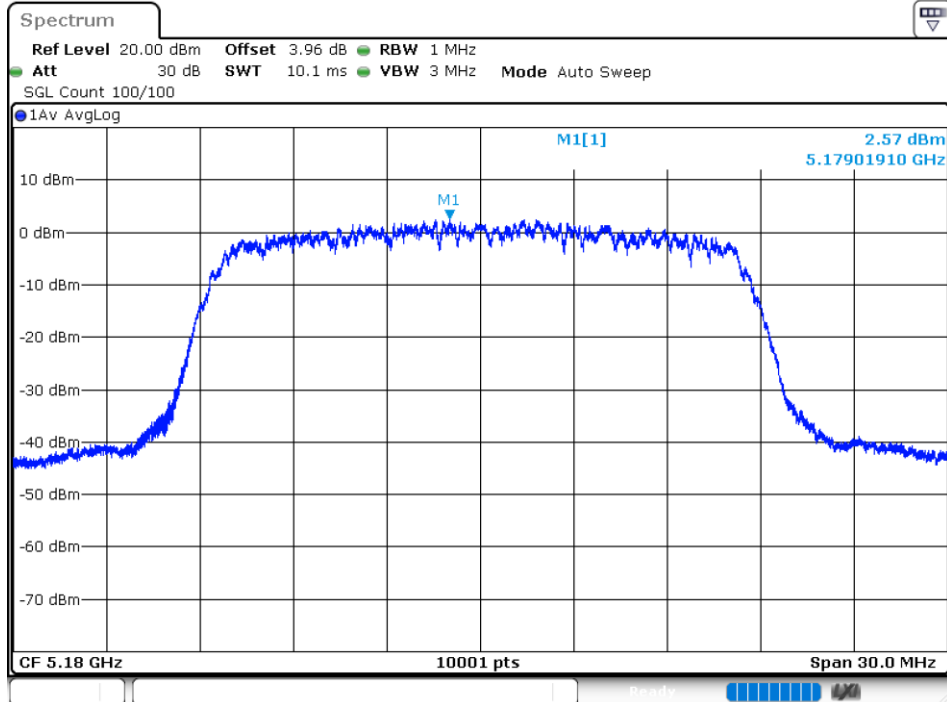


Maximum Power Spectral Density Level

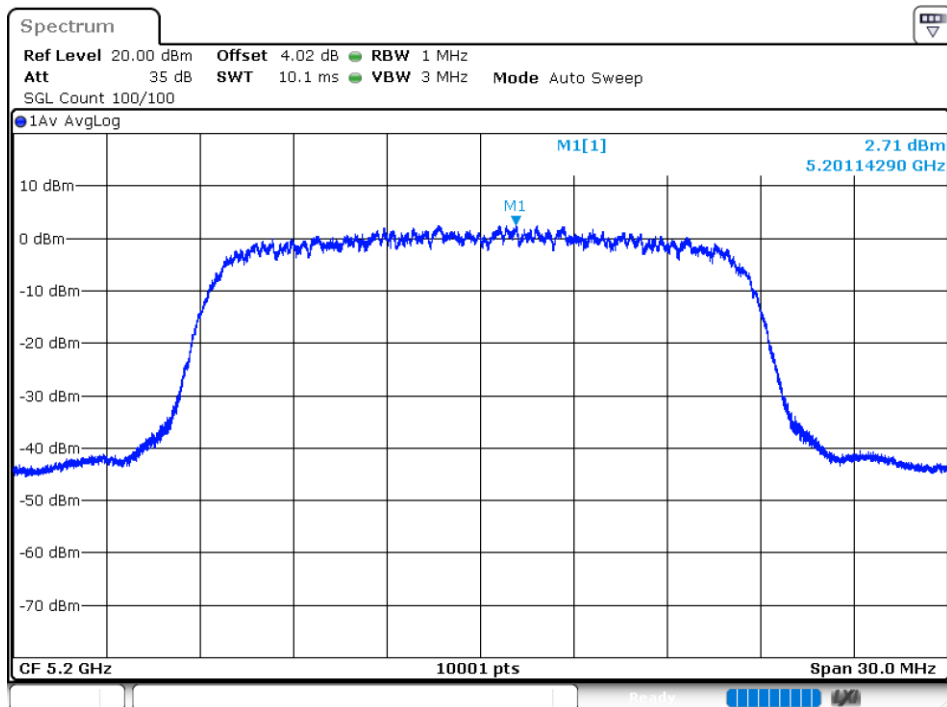
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	2.57	0.08	2.65	11	Pass
NVNT	a	5200	Ant1	2.71	0.08	2.79	11	Pass
NVNT	a	5240	Ant1	2.47	0.08	2.55	11	Pass
NVNT	n20	5180	Ant1	-0.51	0.09	-0.42	11	Pass
NVNT	n20	5200	Ant1	0.13	0.09	0.22	11	Pass
NVNT	n20	5240	Ant1	0.02	0.09	0.11	11	Pass
NVNT	n40	5190	Ant1	-3.77	0.16	-3.61	11	Pass
NVNT	n40	5230	Ant1	-3.1	0.16	-2.94	11	Pass
NVNT	ac20	5180	Ant1	-0.22	0.09	-0.13	11	Pass
NVNT	ac20	5200	Ant1	0.08	0.08	0.16	11	Pass
NVNT	ac20	5240	Ant1	0.24	0.09	0.33	11	Pass
NVNT	ac40	5190	Ant1	-3.5	0.16	-3.34	11	Pass
NVNT	ac40	5230	Ant1	-3.57	0.16	-3.41	11	Pass
NVNT	ac80	5210	Ant1	-8.18	0.31	-7.87	11	Pass

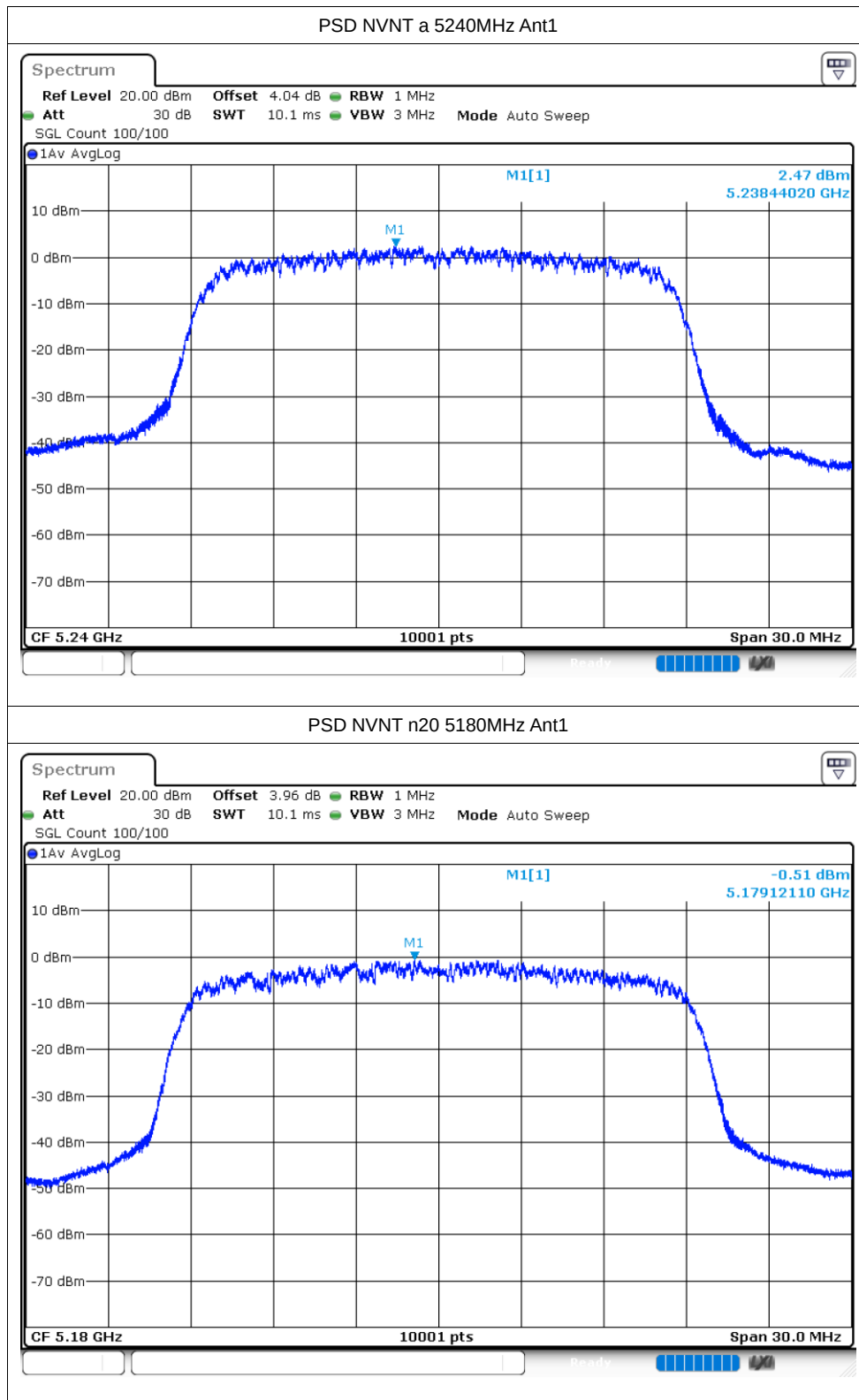
Test Graphs

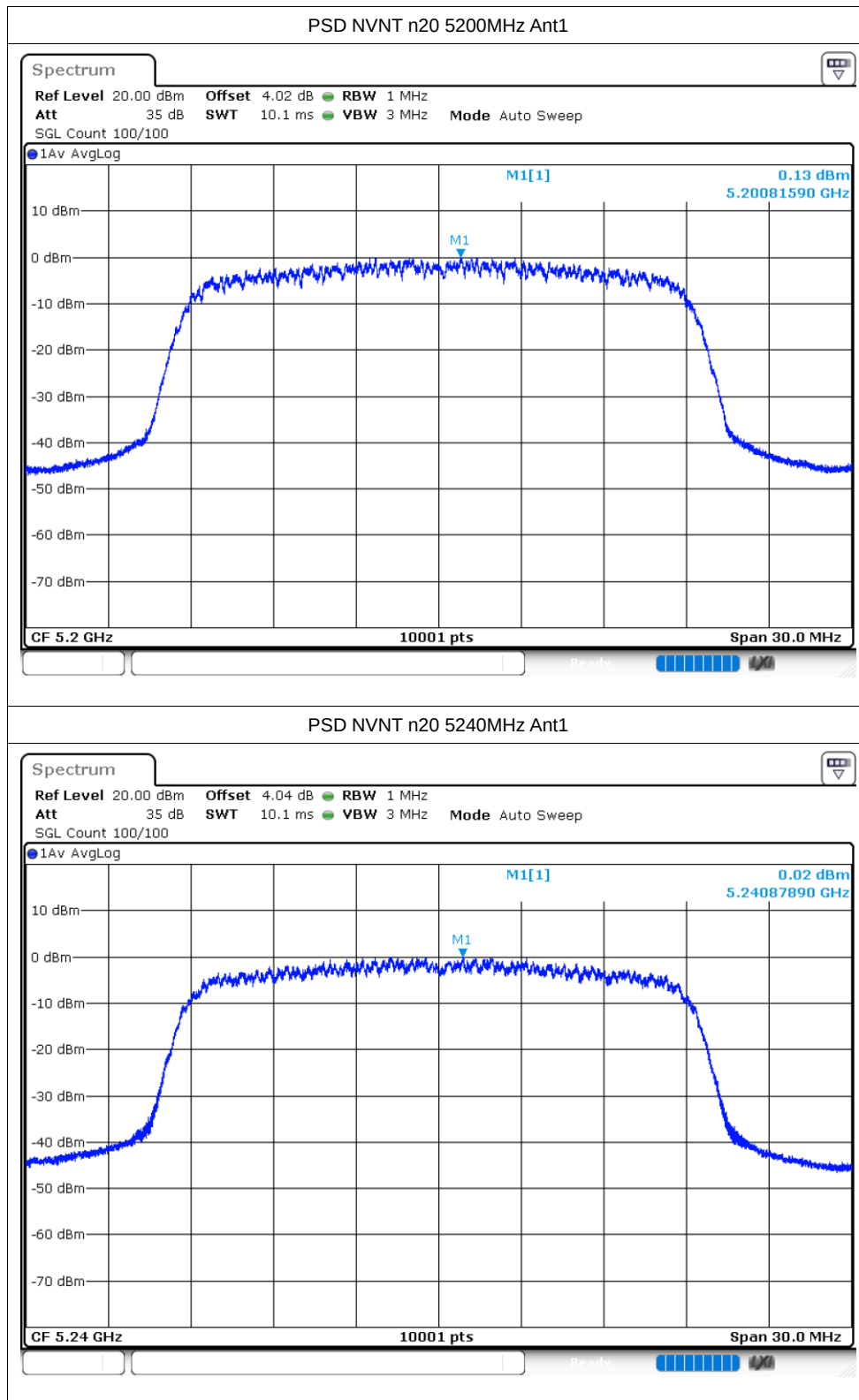
PSD NVNT a 5180MHz Ant1

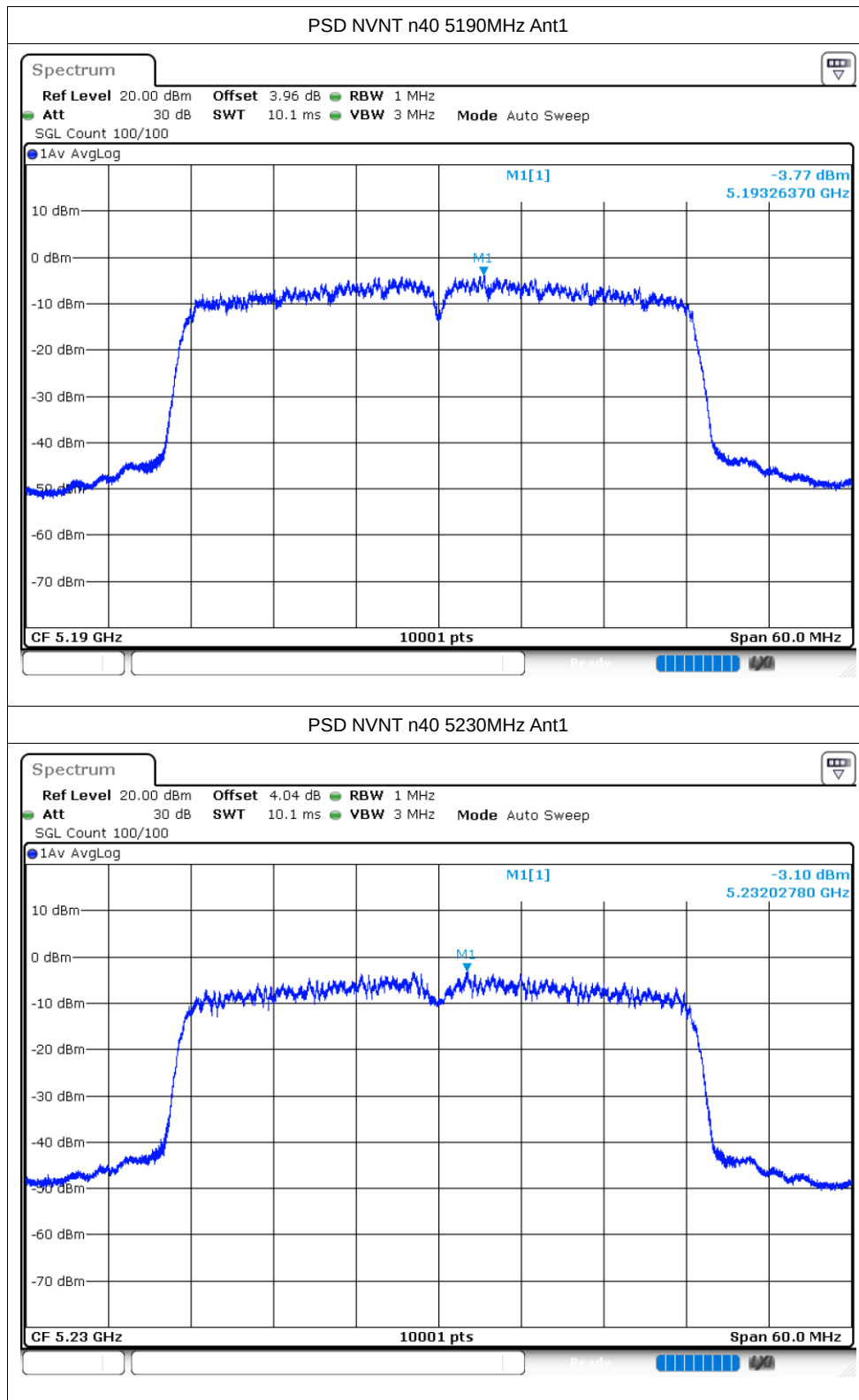


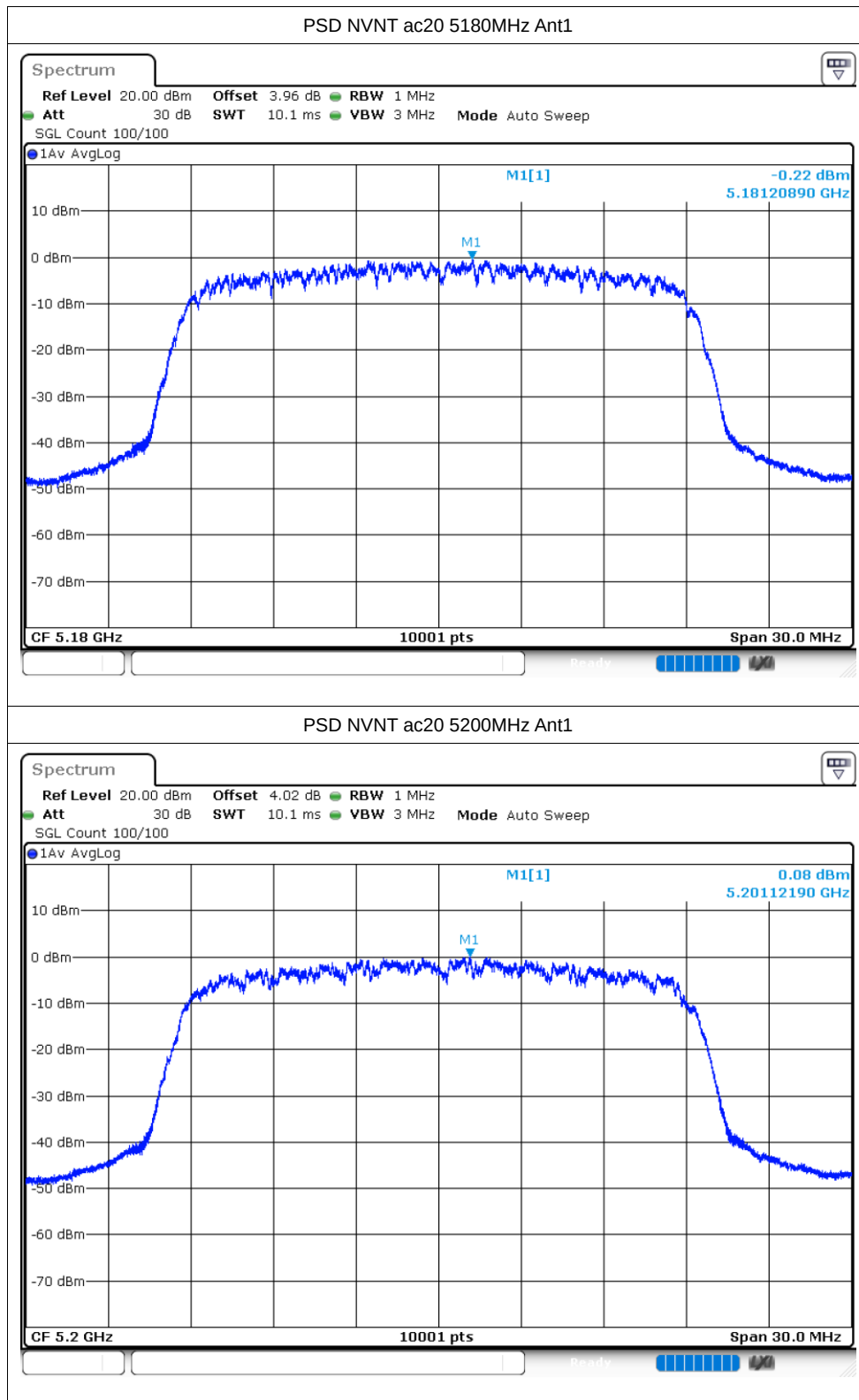
PSD NVNT a 5200MHz Ant1

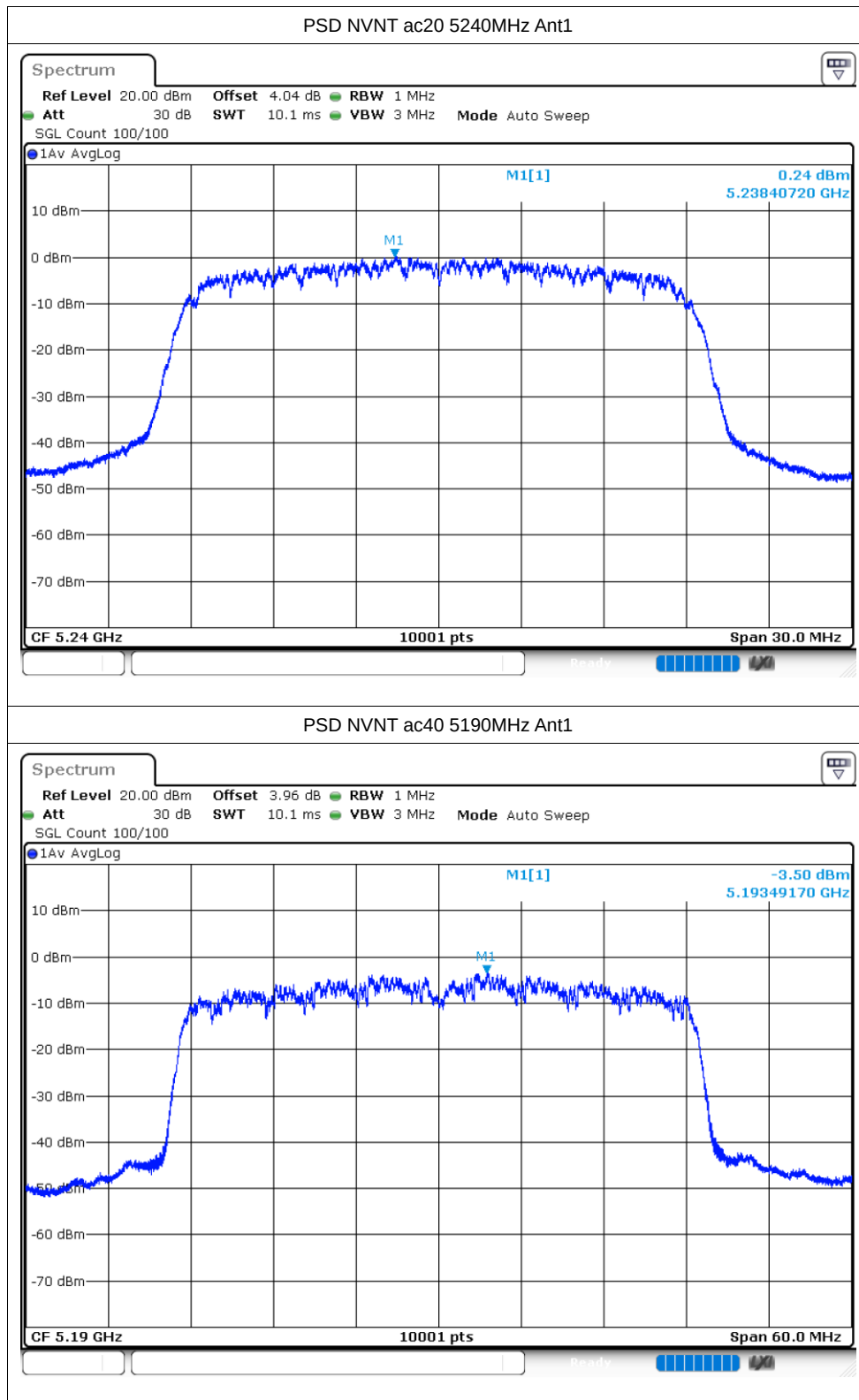


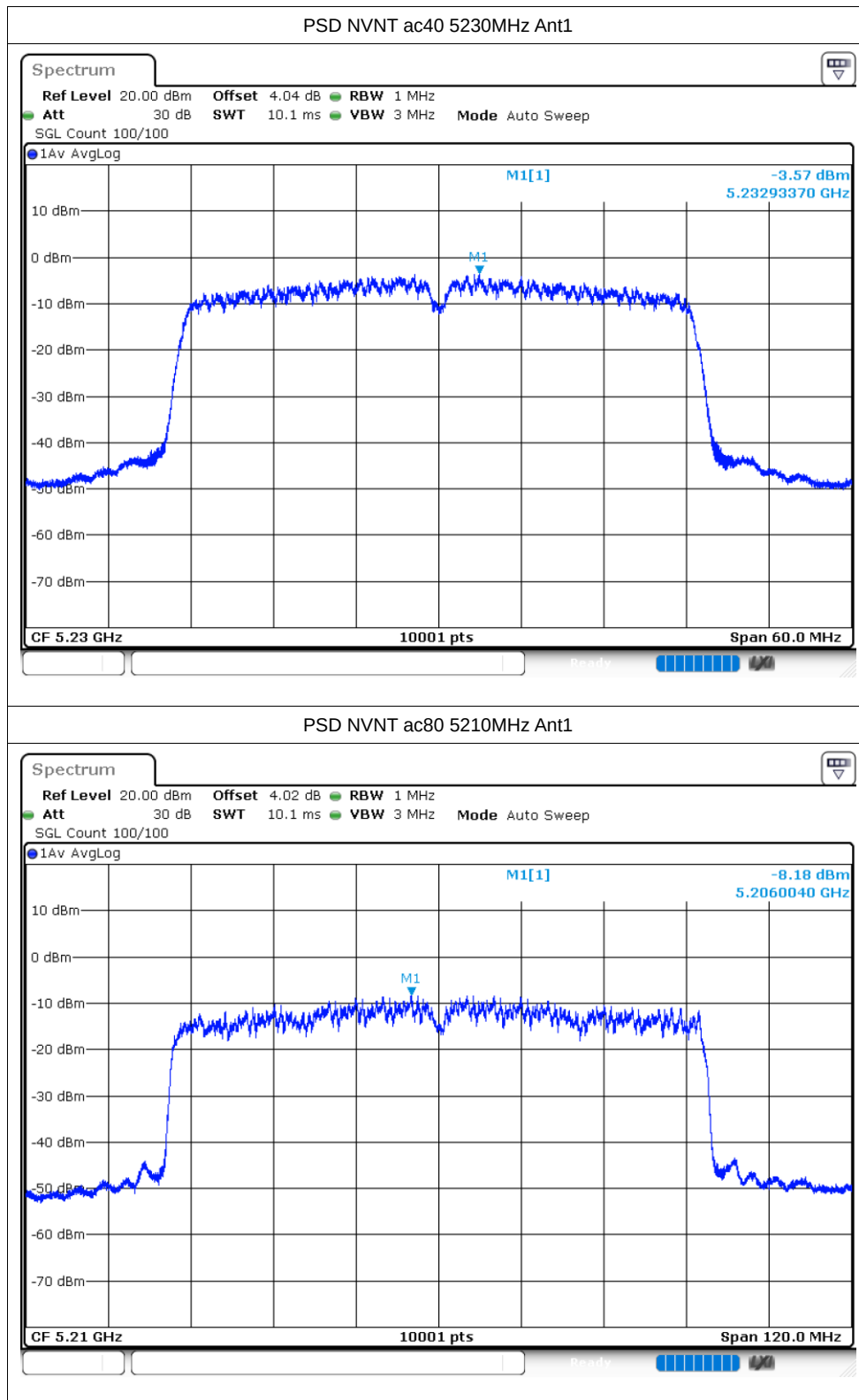












WIFI 5.8G:

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	98.19	0.08	0.72
NVNT	a	5785	Ant1	98.19	0.08	0.72
NVNT	a	5825	Ant1	98.19	0.08	0.72
NVNT	n20	5745	Ant1	98.06	0.09	0.77
NVNT	n20	5785	Ant1	98.06	0.09	0.77
NVNT	n20	5825	Ant1	98.06	0.09	0.77
NVNT	n40	5755	Ant1	98.13	0.08	1.52
NVNT	n40	5795	Ant1	98.13	0.08	1.52
NVNT	ac20	5745	Ant1	98.06	0.09	0.76
NVNT	ac20	5785	Ant1	98.07	0.08	0.76
NVNT	ac20	5825	Ant1	98.09	0.08	0.76
NVNT	ac40	5755	Ant1	96.34	0.16	1.54
NVNT	ac40	5795	Ant1	96.36	0.16	1.54
NVNT	ac80	5775	Ant1	92.53	0.34	3.03

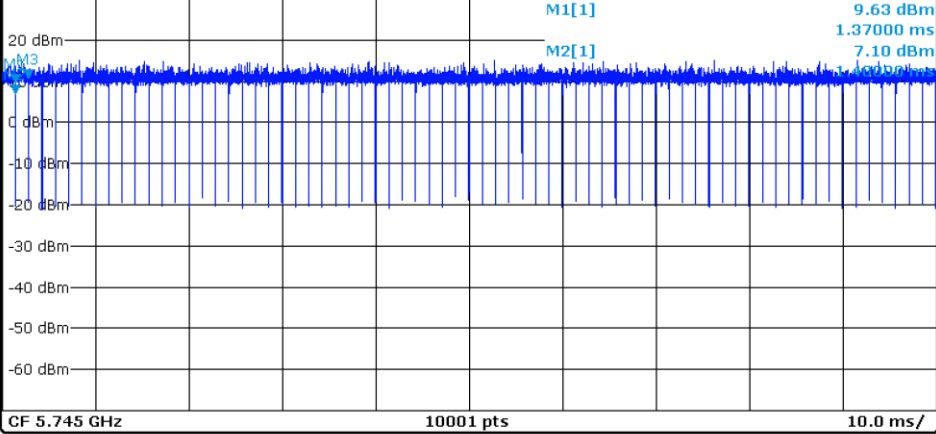
Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

Spectrum

Ref Level 30.00 dBm Offset 4.25 dB RBW 10 MHz
Att 45 dB SWT 100 ms VBW 10 MHz
SGL

1Pk Clrw



Marker

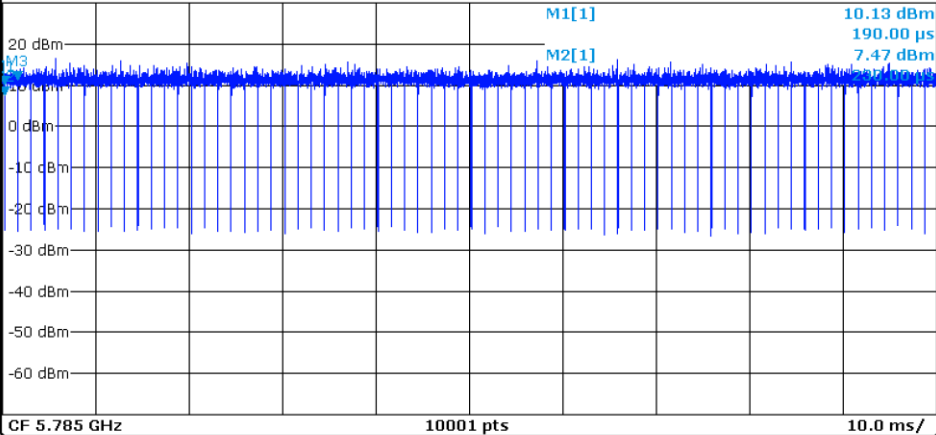
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.37 ms	9.63 dBm		
M2	1		1.4 ms	7.10 dBm		
M3	1		2.79 ms	10.73 dBm		

Duty Cycle NVNT a 5785MHz Ant1

Spectrum

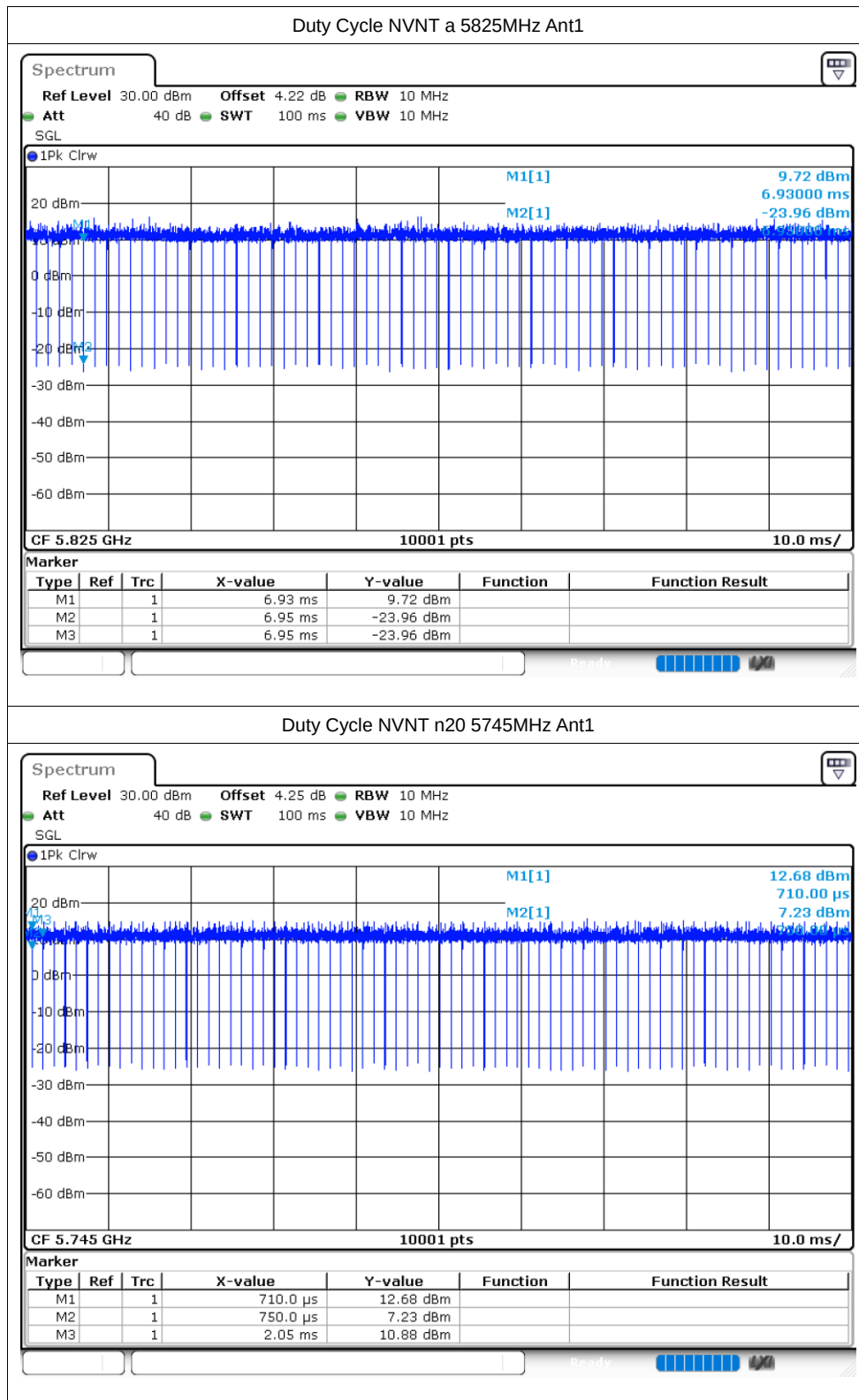
Ref Level 30.00 dBm Offset 4.24 dB RBW 10 MHz
Att 40 dB SWT 100 ms VBW 10 MHz
SGL

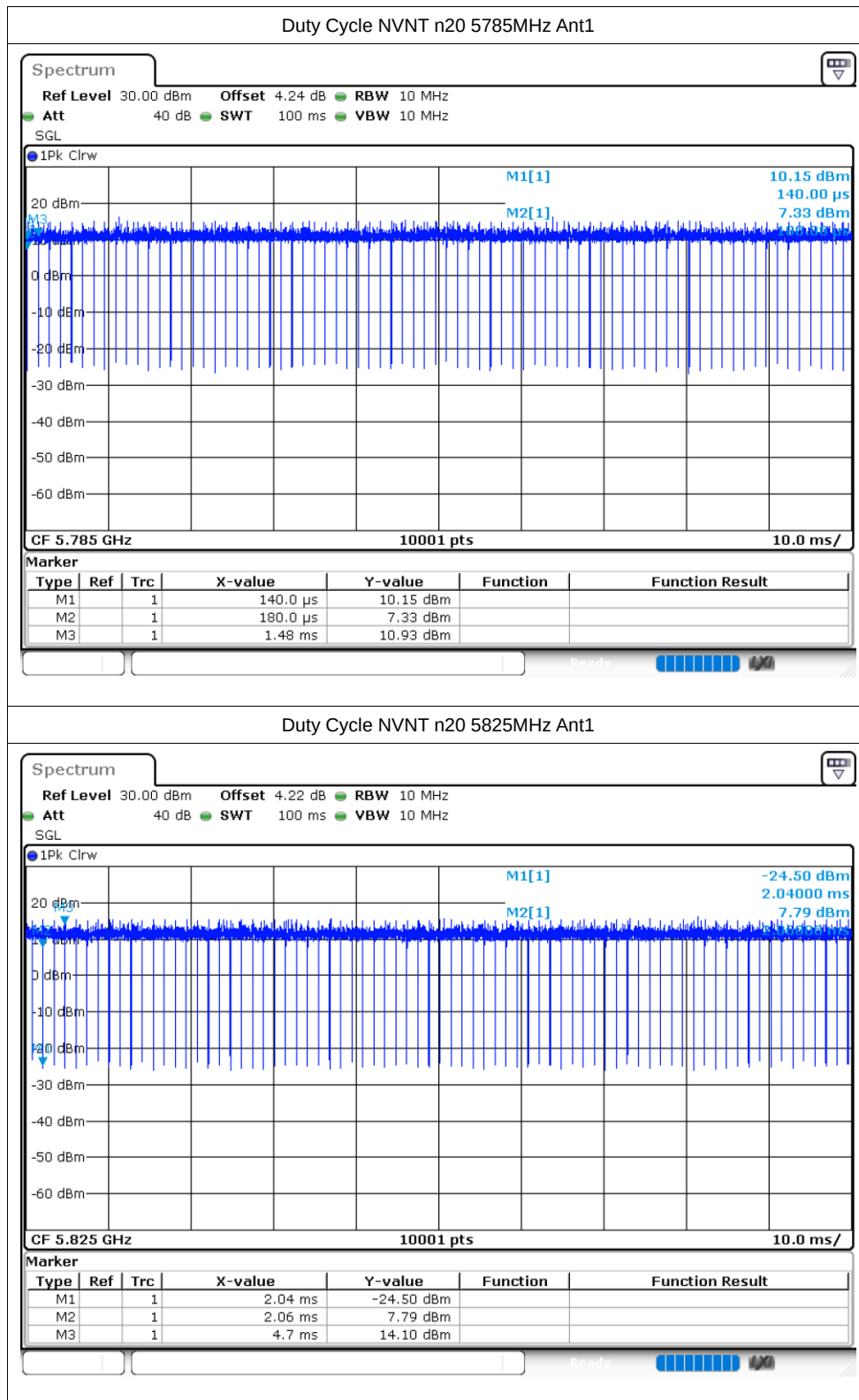
1Pk Clrw

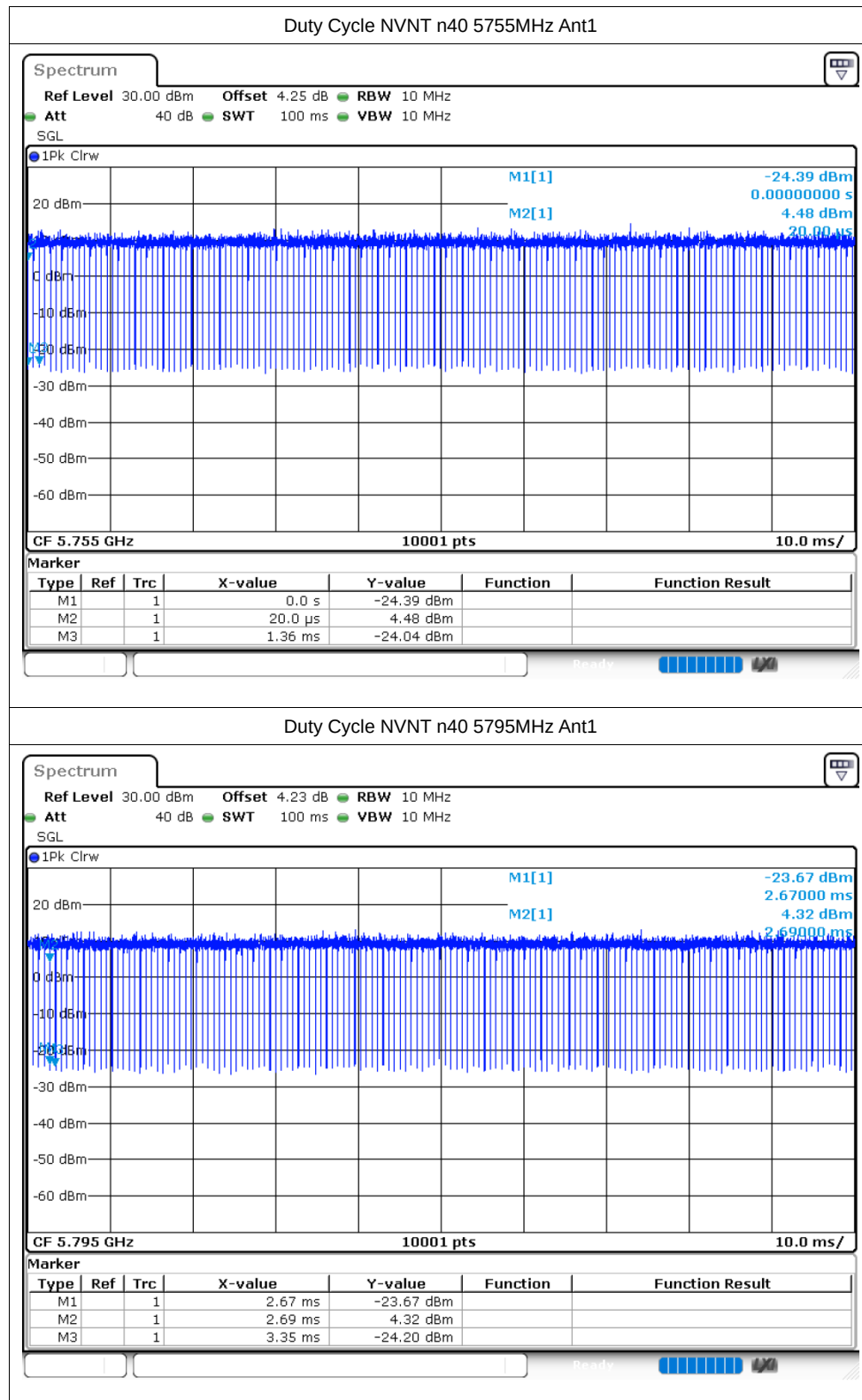


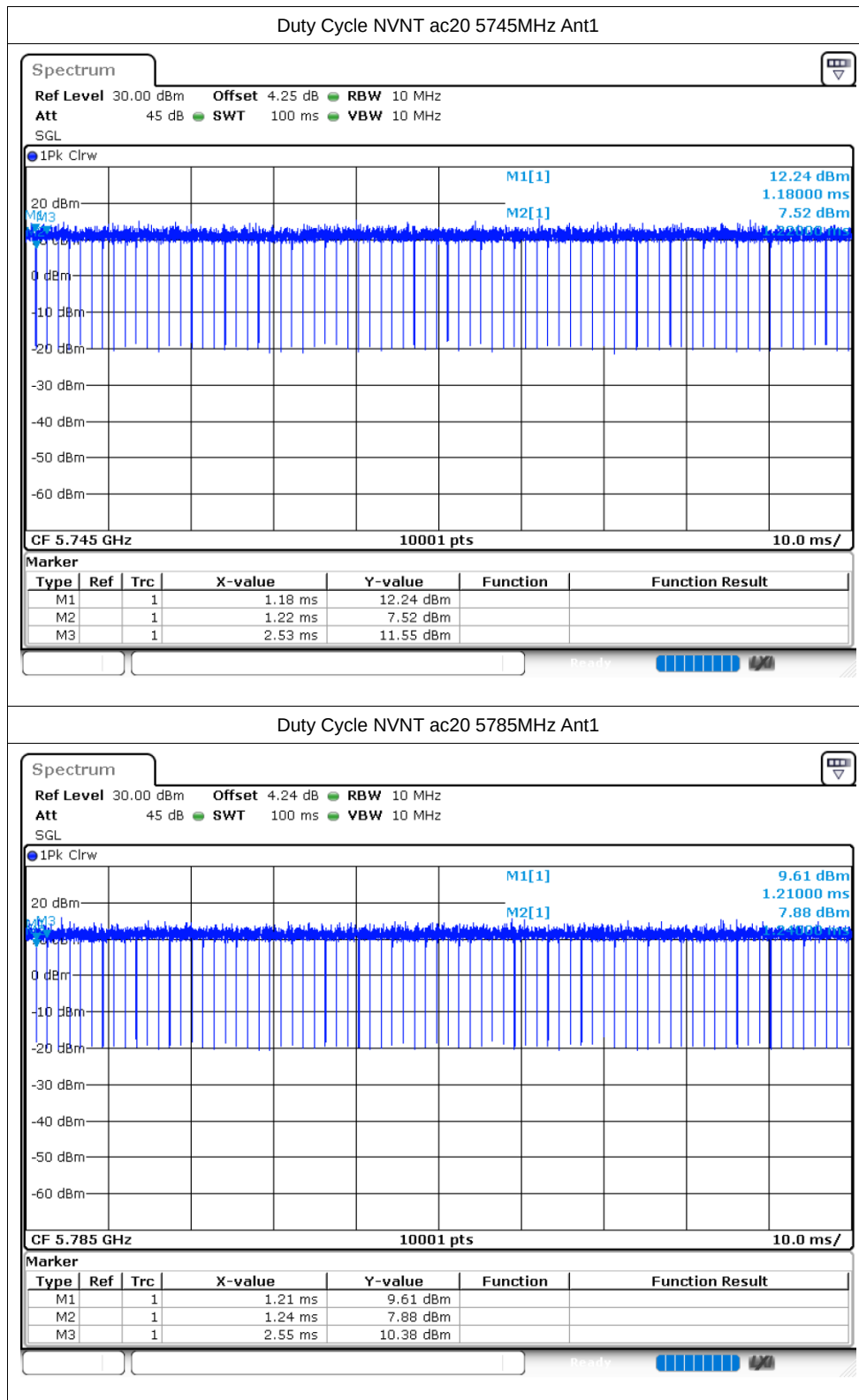
Marker

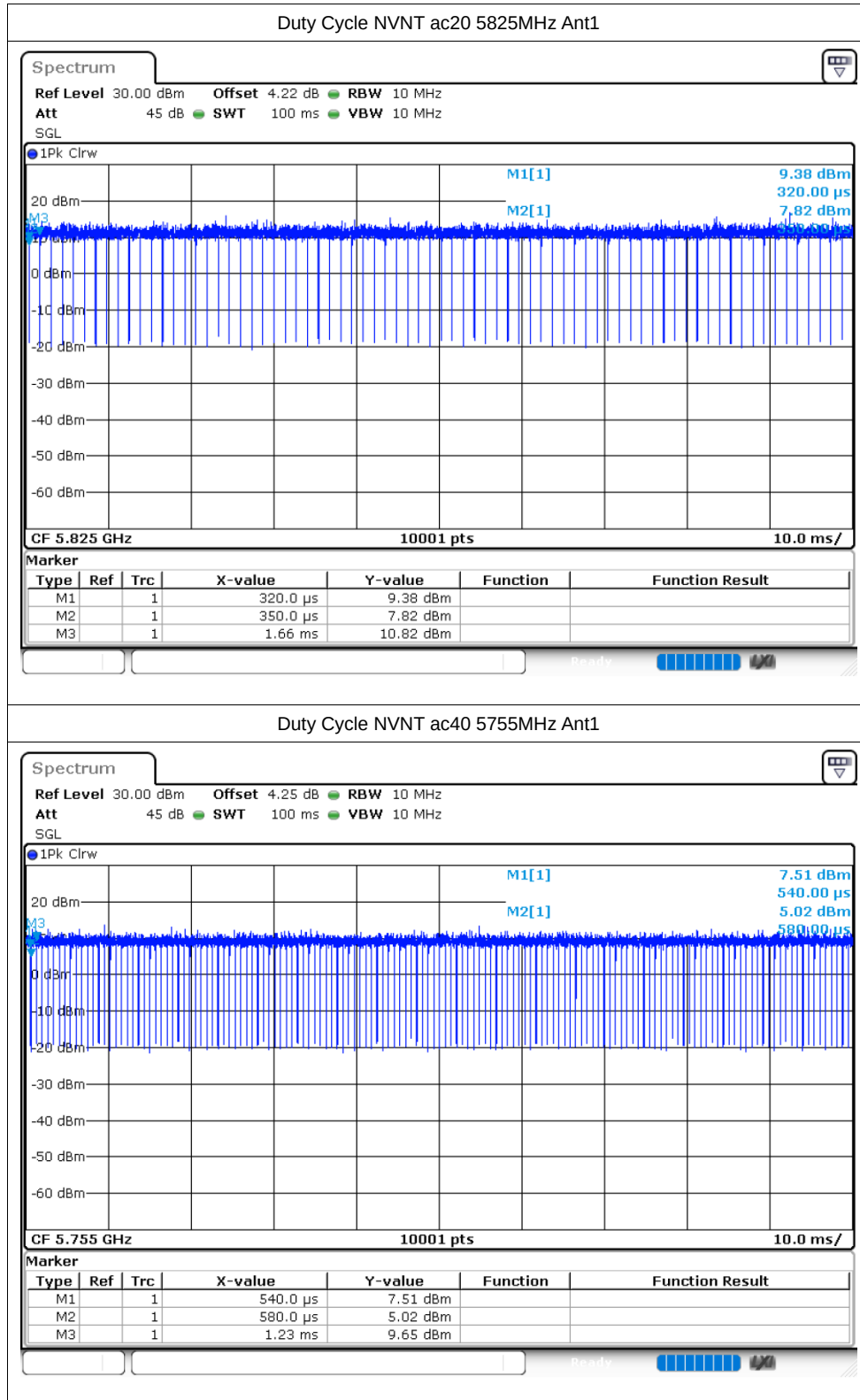
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		190.0 μs	10.13 dBm		
M2	1		230.0 μs	7.47 dBm		
M3	1		1.62 ms	11.46 dBm		

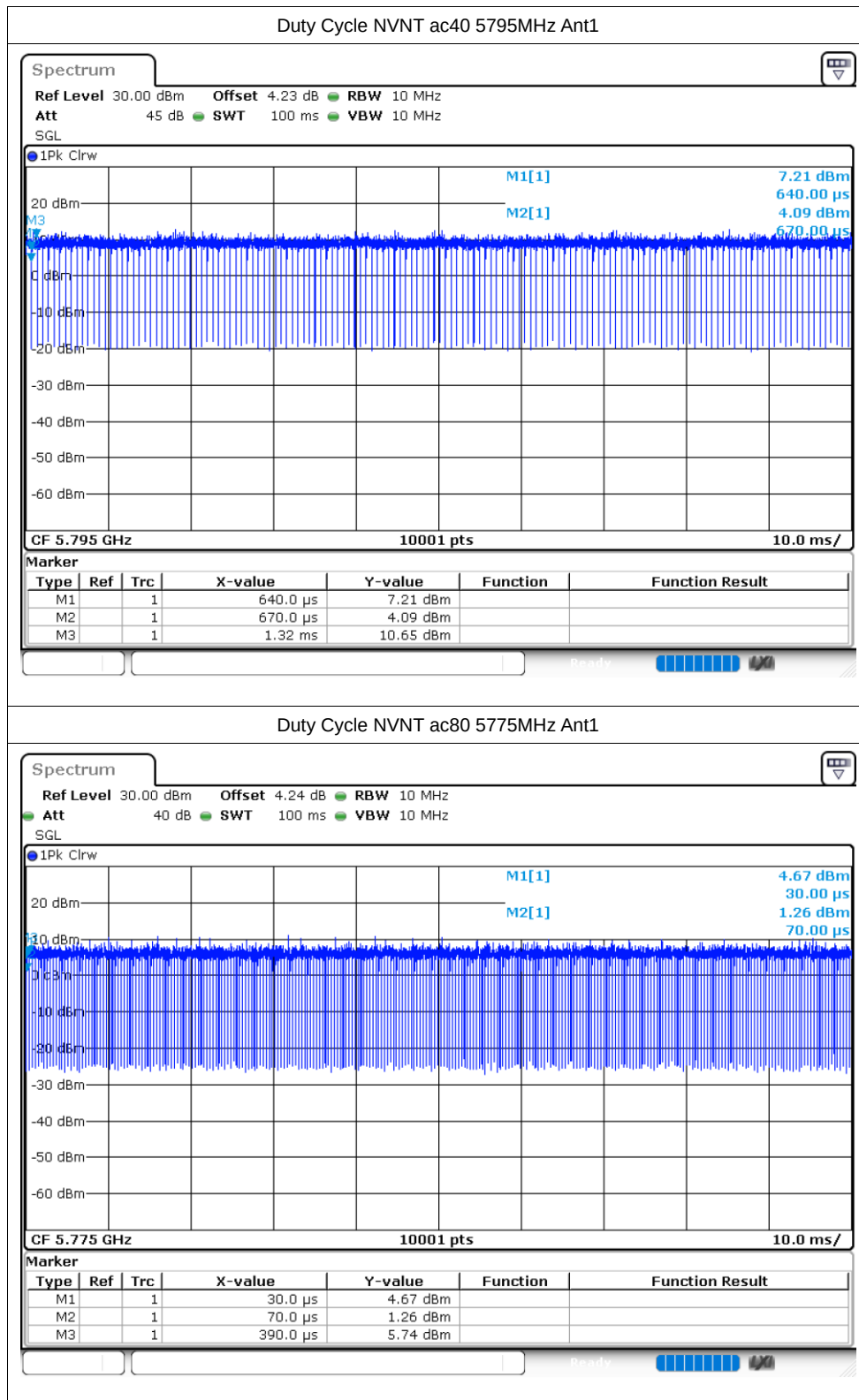












-6dB Emission Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	11.79	0.5	Pass
NVNT	a	5785	Ant1	13.83	0.5	Pass
NVNT	a	5825	Ant1	16.32	0.5	Pass
NVNT	n20	5745	Ant1	15.03	0.5	Pass
NVNT	n20	5785	Ant1	13.23	0.5	Pass
NVNT	n20	5825	Ant1	17.34	0.5	Pass
NVNT	n40	5755	Ant1	35.1	0.5	Pass
NVNT	n40	5795	Ant1	35.16	0.5	Pass
NVNT	ac20	5745	Ant1	17.31	0.5	Pass
NVNT	ac20	5785	Ant1	14.46	0.5	Pass
NVNT	ac20	5825	Ant1	13.86	0.5	Pass
NVNT	ac40	5755	Ant1	35.1	0.5	Pass
NVNT	ac40	5795	Ant1	35.04	0.5	Pass
NVNT	ac80	5775	Ant1	75.12	0.5	Pass