

5.2G WIFI

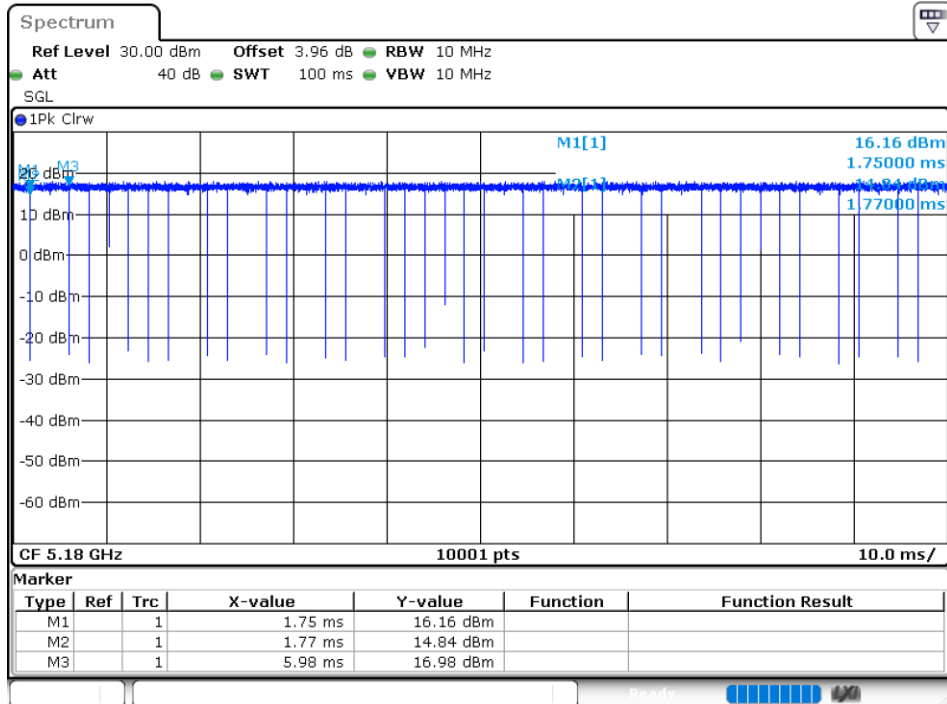
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	99.67	0.01	0.24
NVNT	a	5200	Ant1	99.66	0.01	0.48
NVNT	a	5240	Ant1	99.66	0.01	0.24
NVNT	a	5180	Ant2	99.73	0.01	0.48
NVNT	a	5200	Ant2	99.72	0.01	0.48
NVNT	a	5240	Ant2	99.7	0.01	0.48
NVNT	n20	5180	Ant1	99.87	0.01	0.09
NVNT	n20	5200	Ant1	99.87	0.01	0.09
NVNT	n20	5240	Ant1	99.87	0.01	0.19
NVNT	n20	5180	Ant2	99.89	0.01	0.19
NVNT	n20	5200	Ant2	99.89	0.01	0.19
NVNT	n20	5240	Ant2	99.88	0.01	0.19
NVNT	n40	5190	Ant1	99.88	0.01	0.19
NVNT	n40	5230	Ant1	99.86	0.01	0.19
NVNT	n40	5190	Ant2	99.91	0.01	0.19
NVNT	n40	5230	Ant2	99.88	0.01	0.19
NVNT	ac20	5180	Ant1	99.88	0.01	0.19
NVNT	ac20	5200	Ant1	99.87	0.01	0.19
NVNT	ac20	5240	Ant1	99.87	0.01	0.09
NVNT	ac20	5180	Ant2	99.9	0.01	0.19
NVNT	ac20	5200	Ant2	99.9	0.01	0.19
NVNT	ac20	5240	Ant2	99.86	0.01	0.19
NVNT	ac40	5190	Ant1	99.87	0.01	0.19
NVNT	ac40	5230	Ant1	99.87	0.01	0.19
NVNT	ac40	5190	Ant2	99.89	0.01	0.19
NVNT	ac40	5230	Ant2	99.9	0.01	0.19
NVNT	ac80	5210	Ant1	99.78	0.01	0.18
NVNT	ac80	5210	Ant2	99.81	0.01	0.37
NVNT	ax20	5180	Ant1	99.87	0.01	0.18
NVNT	ax20	5200	Ant1	99.88	0.01	0.09
NVNT	ax20	5240	Ant1	99.89	0.01	0.19
NVNT	ax20	5180	Ant2	99.89	0.01	0.19
NVNT	ax20	5200	Ant2	99.89	0.01	0.19
NVNT	ax20	5240	Ant2	99.88	0.01	0.09
NVNT	ax40	5190	Ant1	99.86	0.01	0.24
NVNT	ax40	5230	Ant1	99.85	0.01	0.24
NVNT	ax40	5190	Ant2	99.86	0.01	0.24
NVNT	ax40	5230	Ant2	99.86	0.01	0.24
NVNT	ax80	5210	Ant1	99.75	0.01	0.15

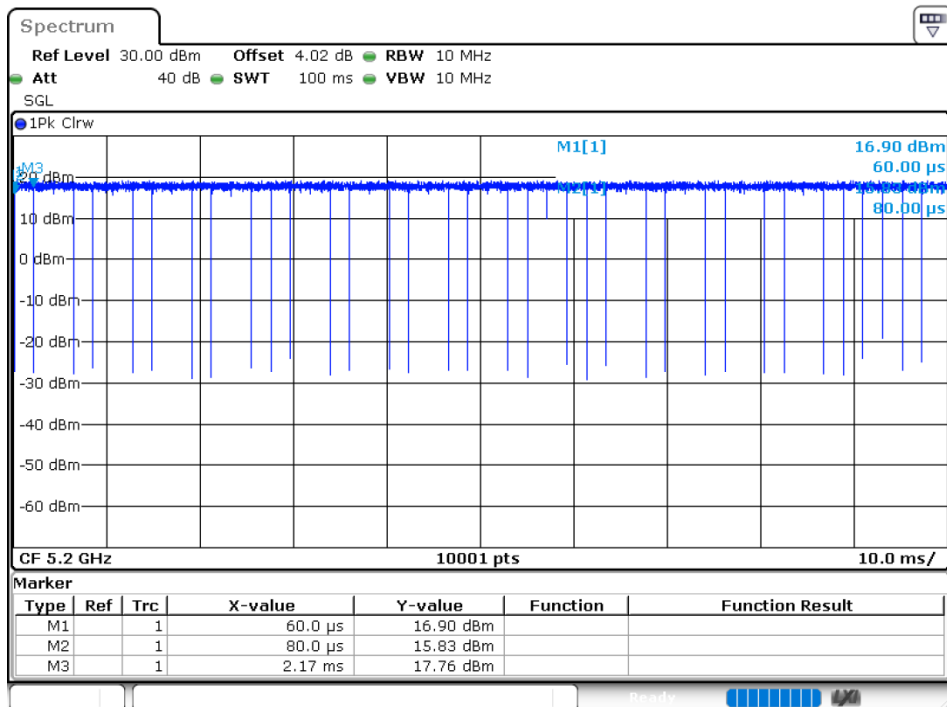
NVNT	ax80	5210	Ant2	99.77	0.01	0.45
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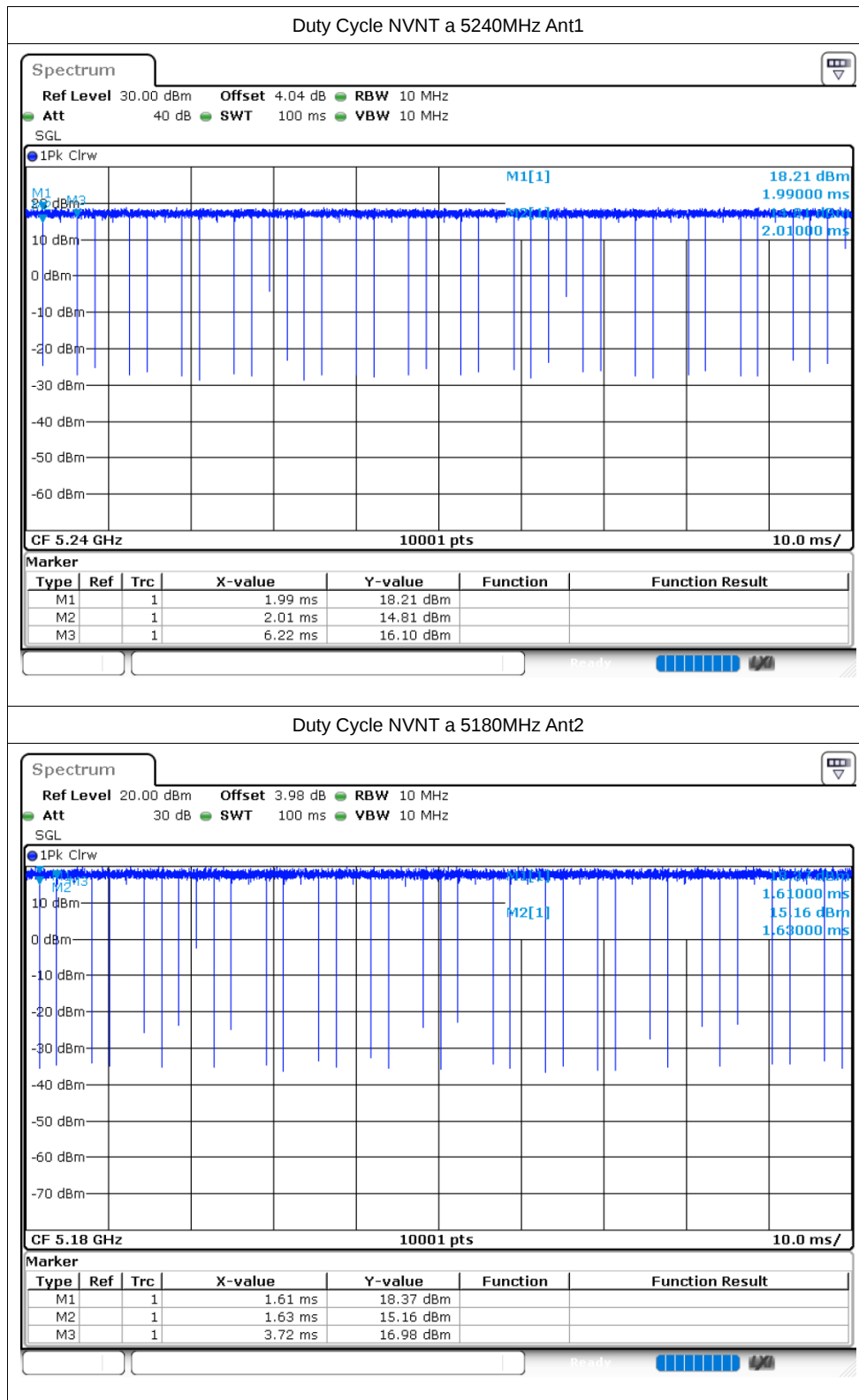
Test Graphs

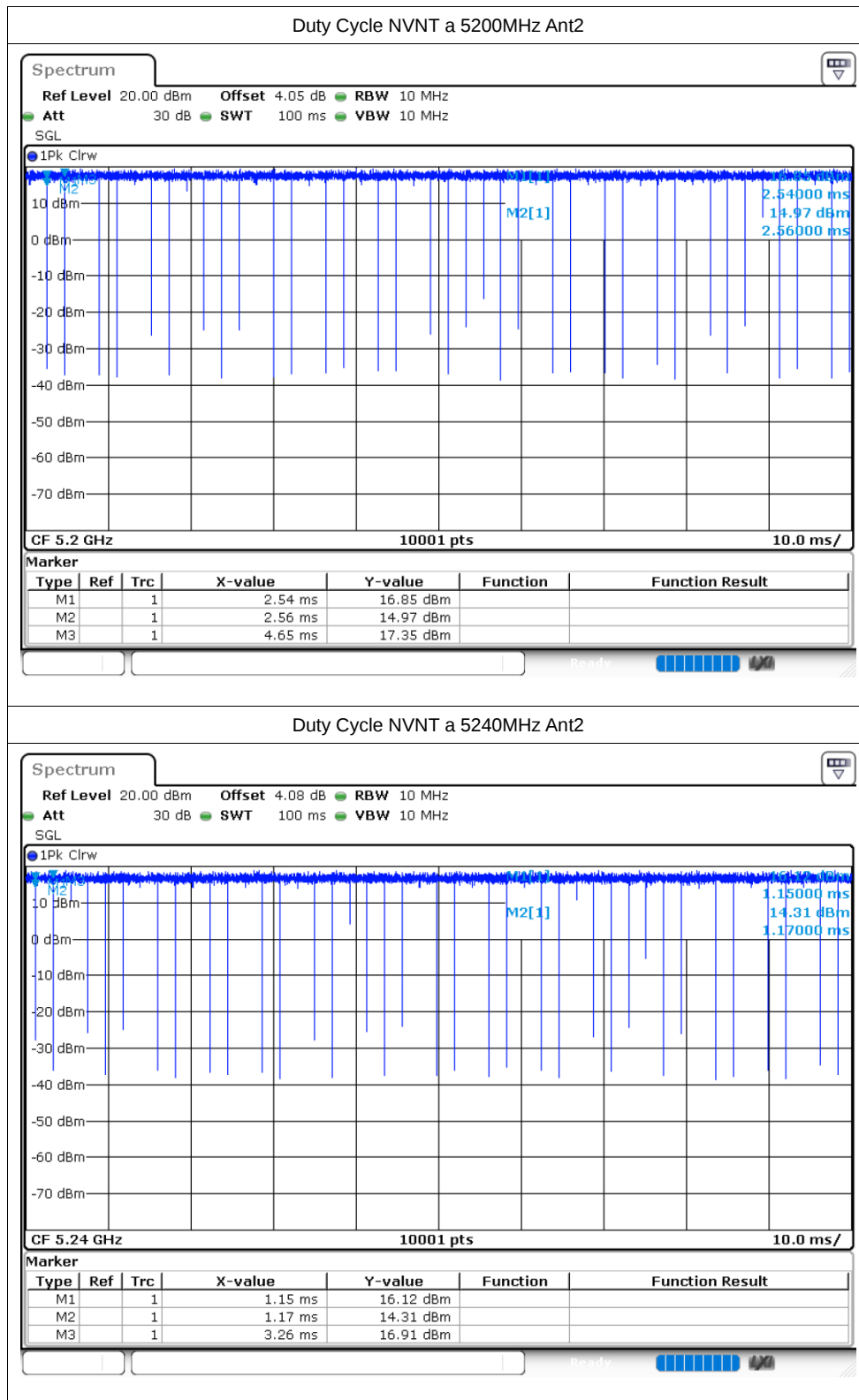
Duty Cycle NVNT a 5180MHz Ant1

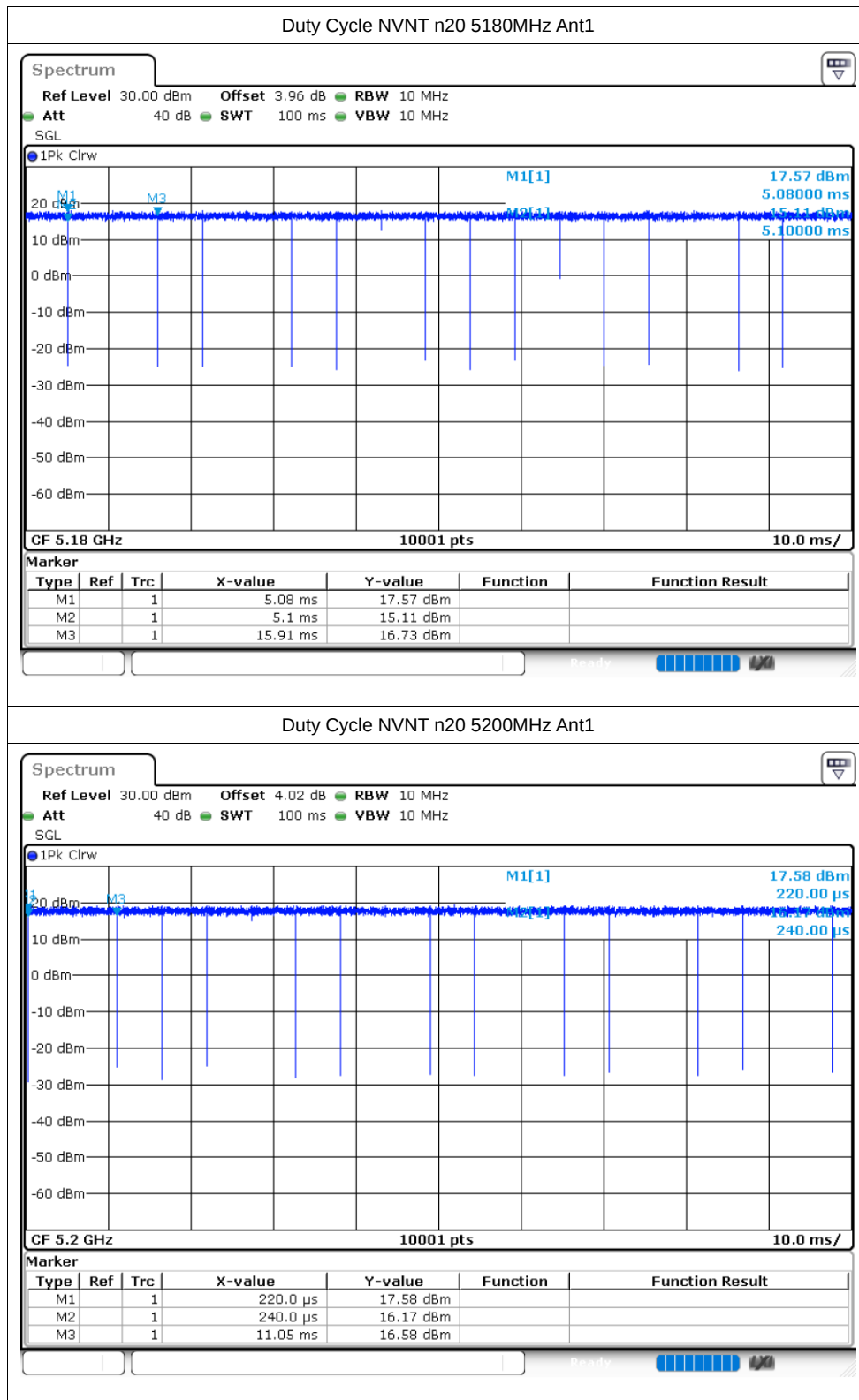


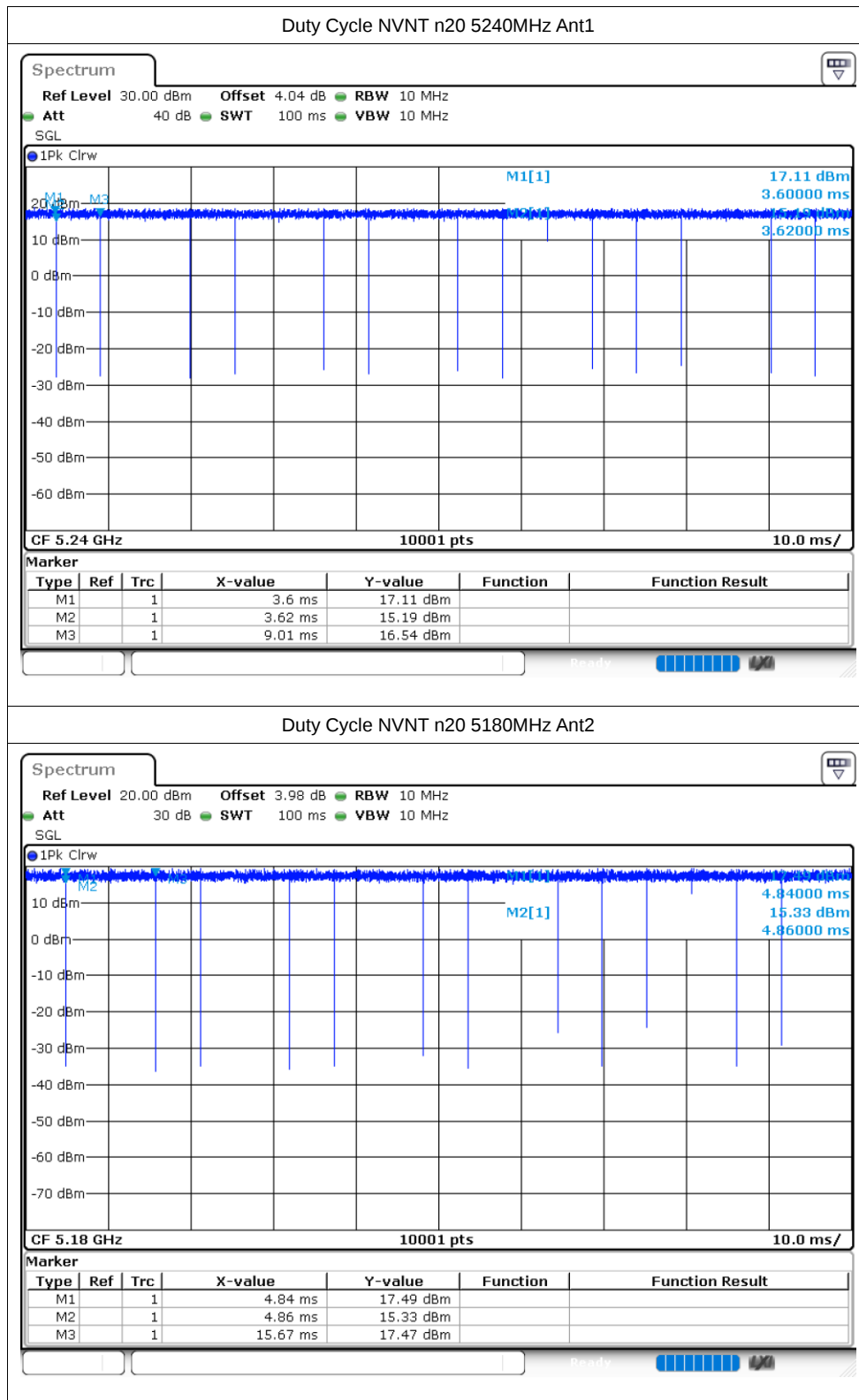
Duty Cycle NVNT a 5200MHz Ant1

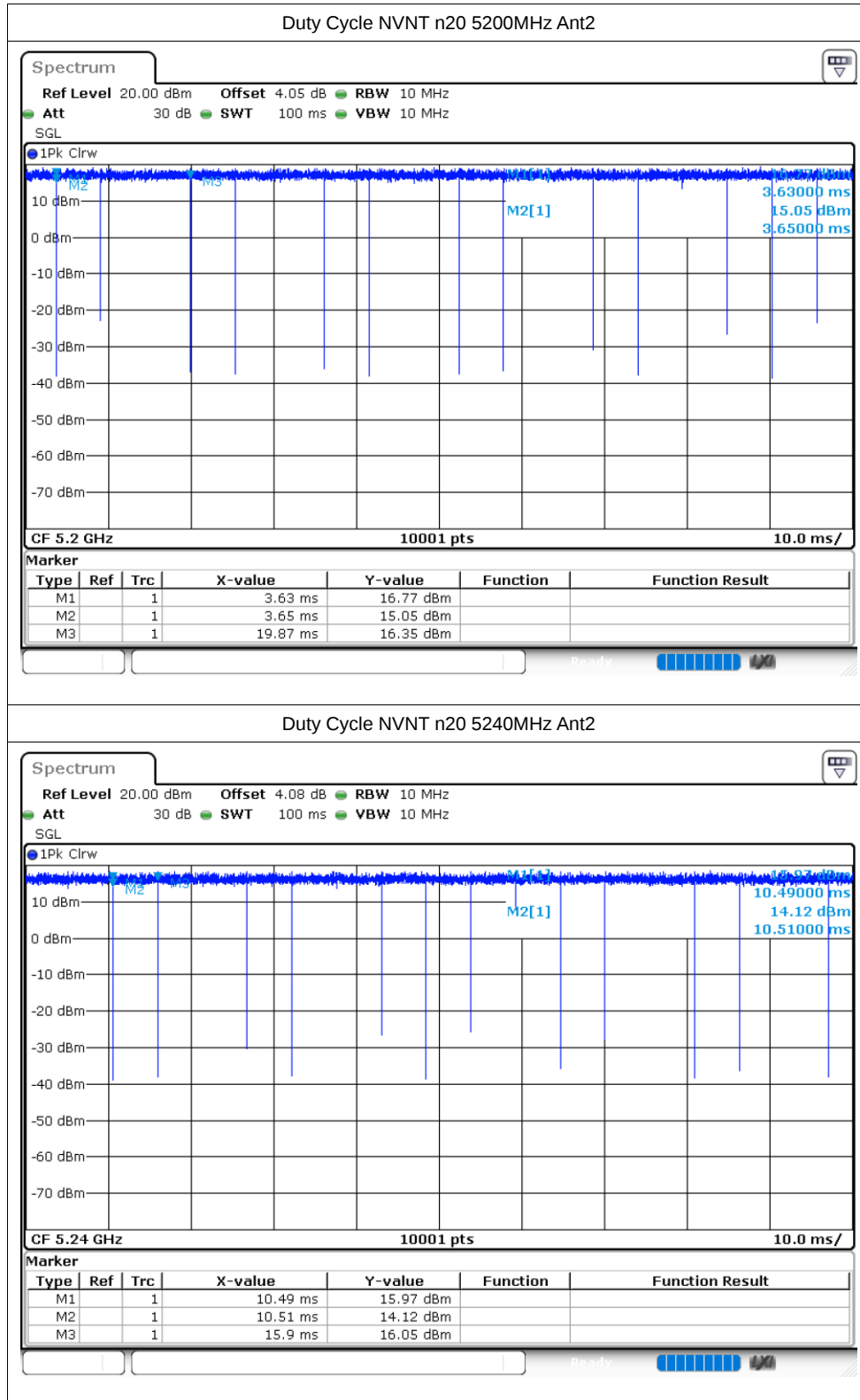


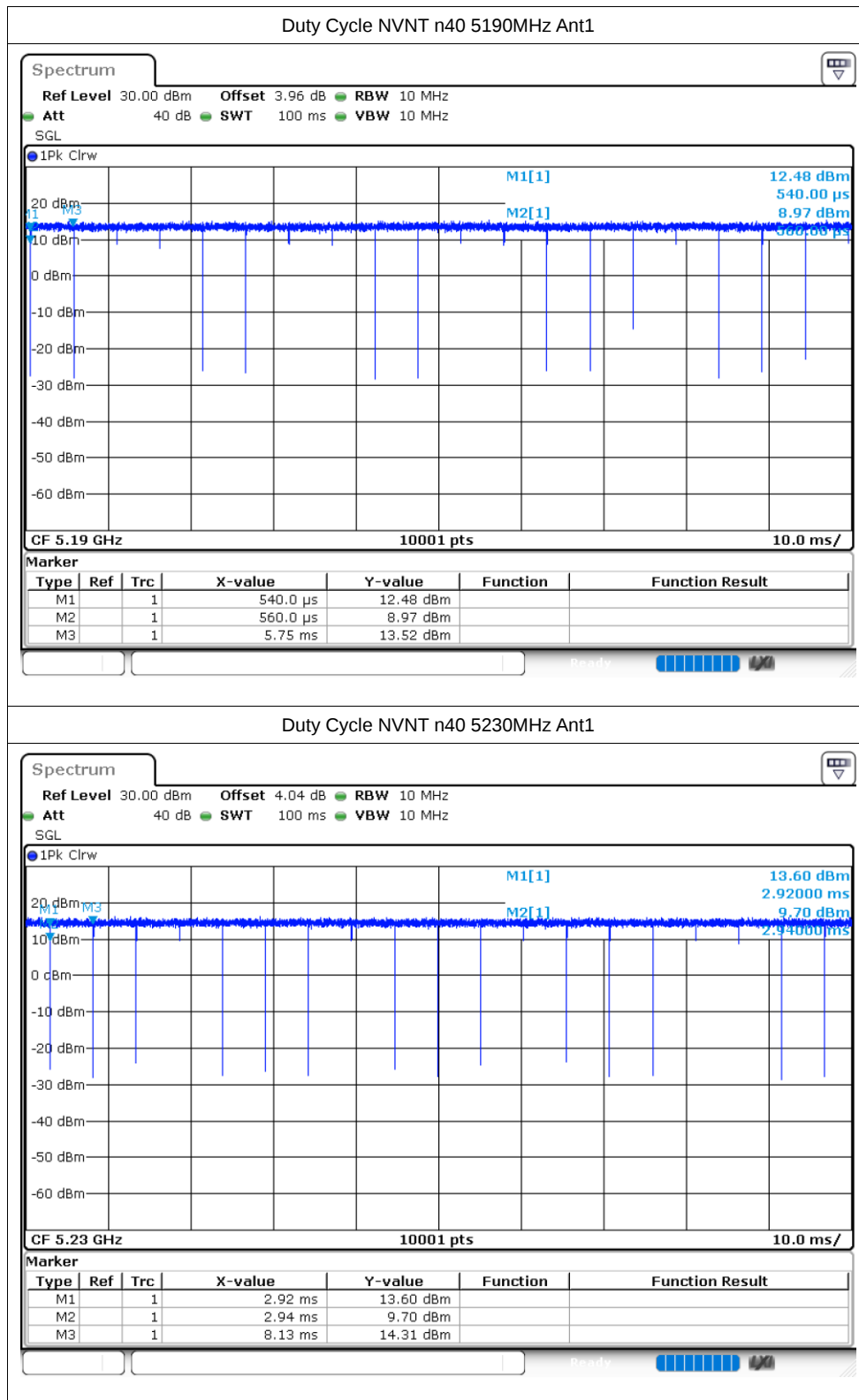


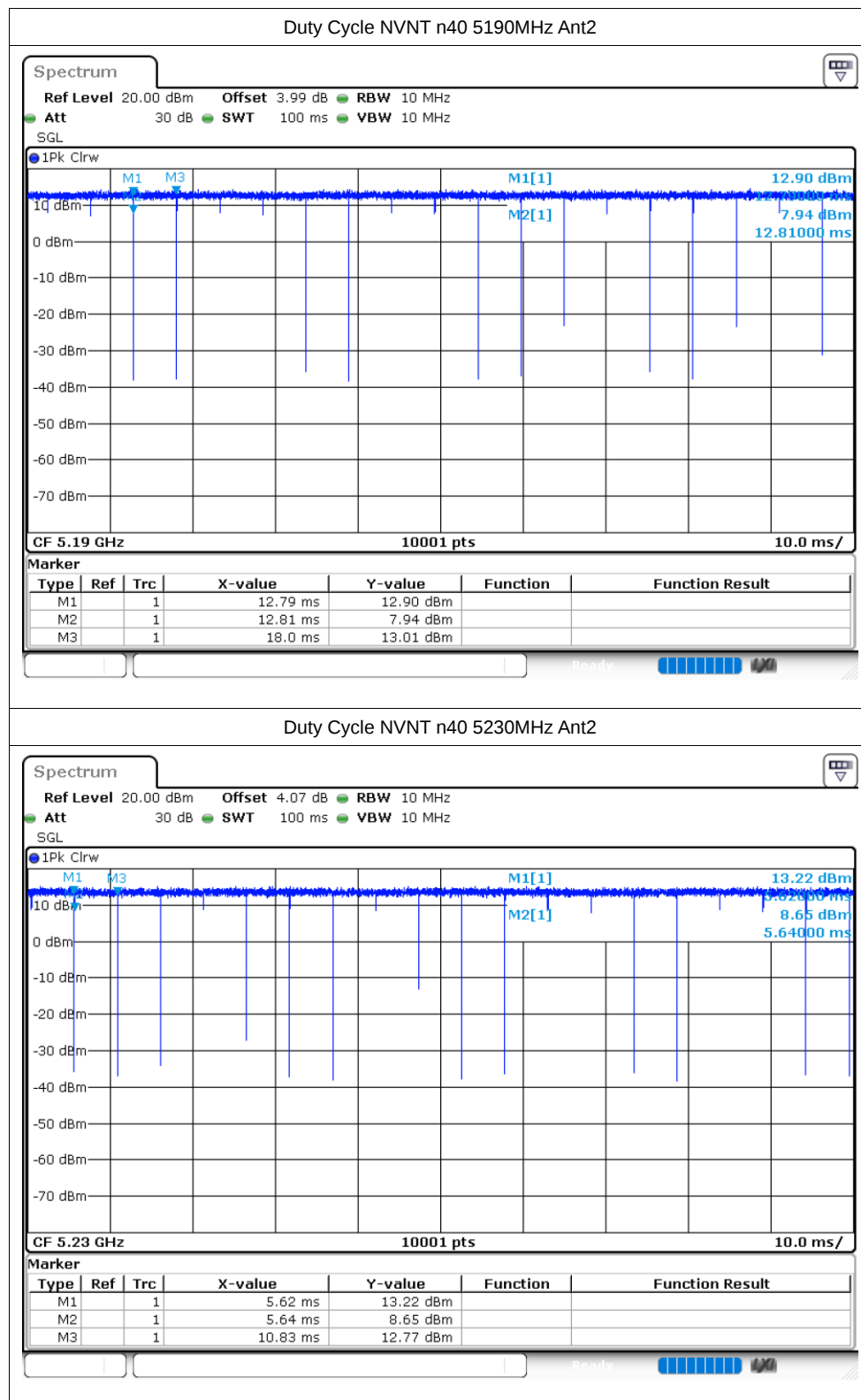


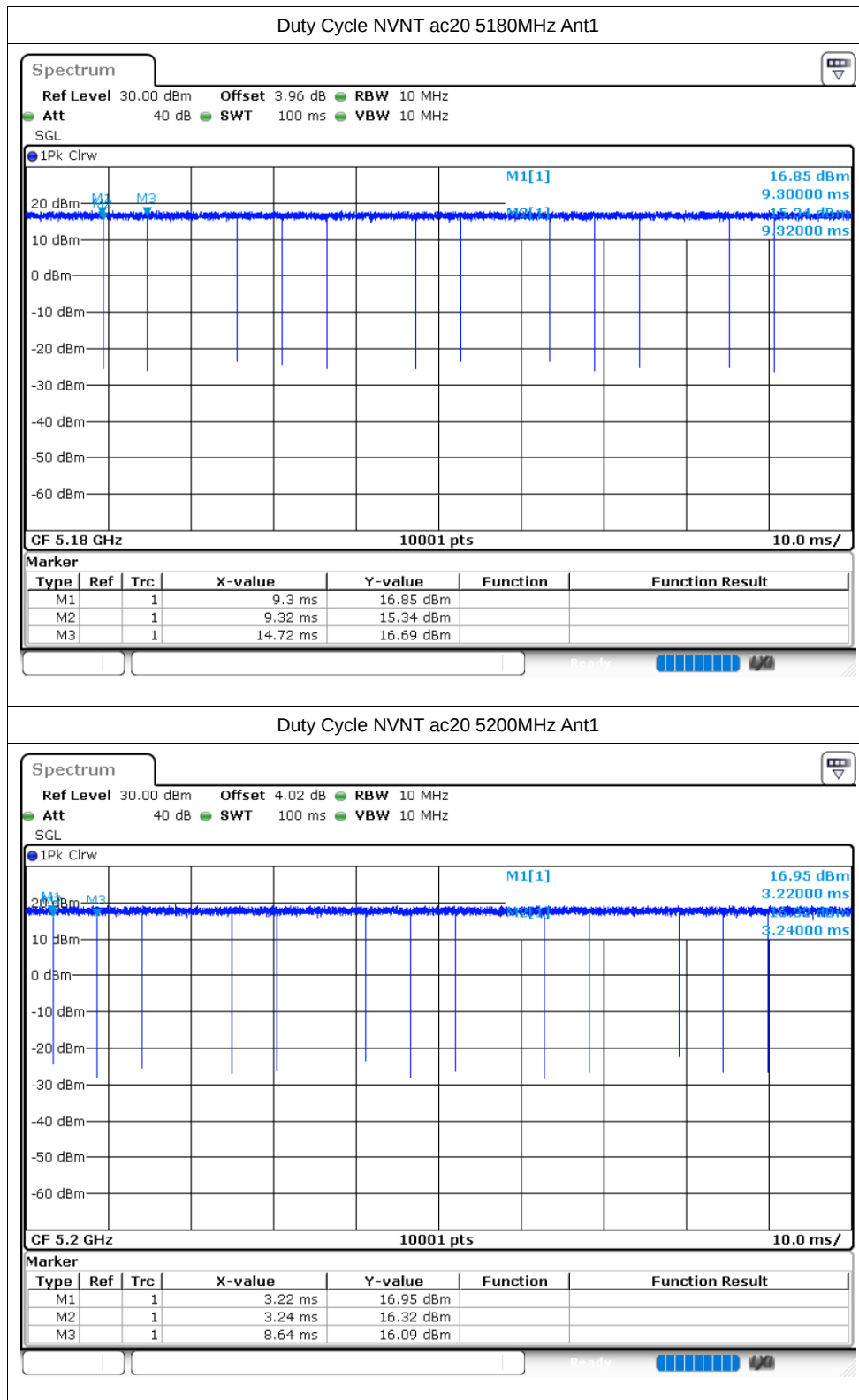


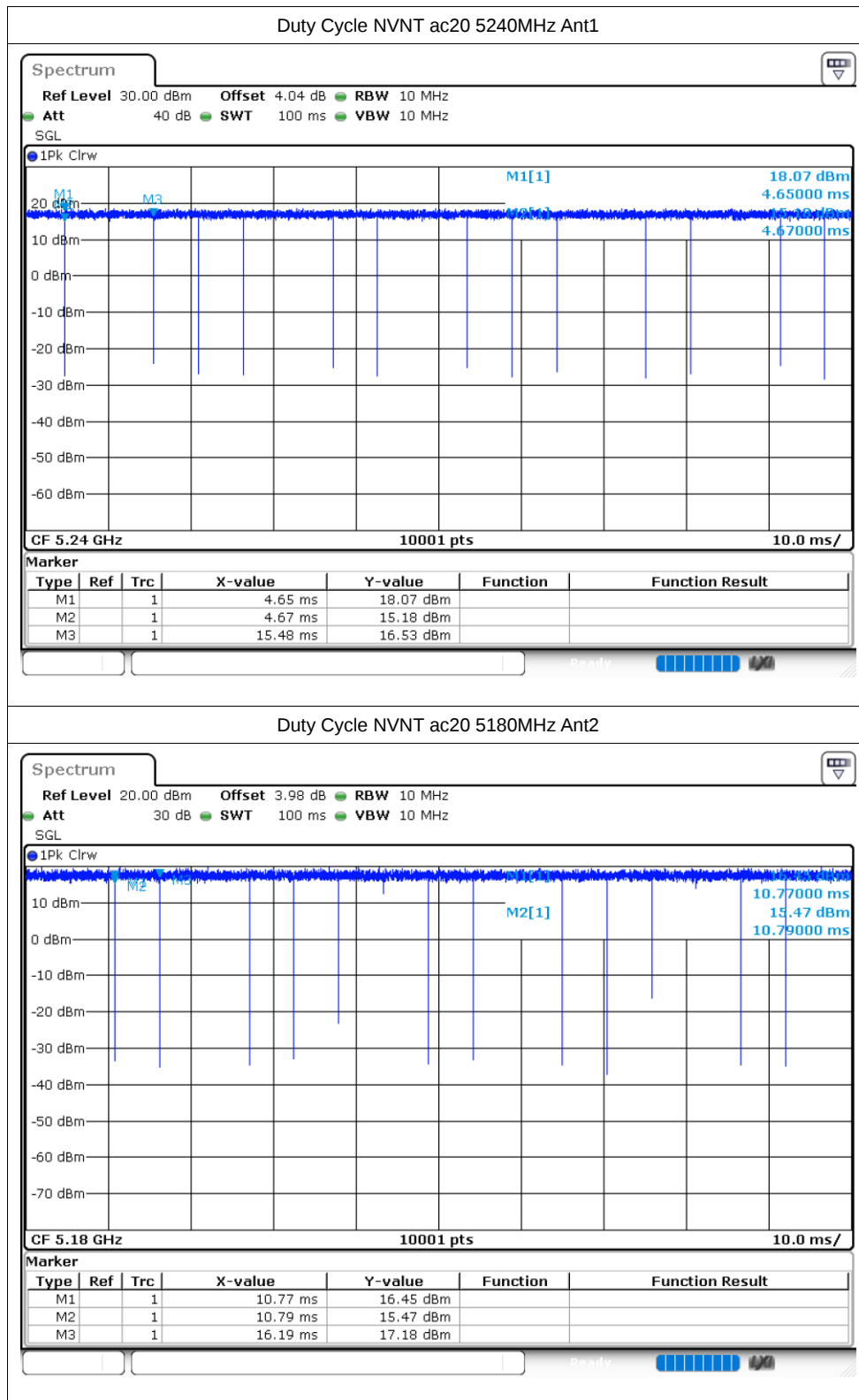


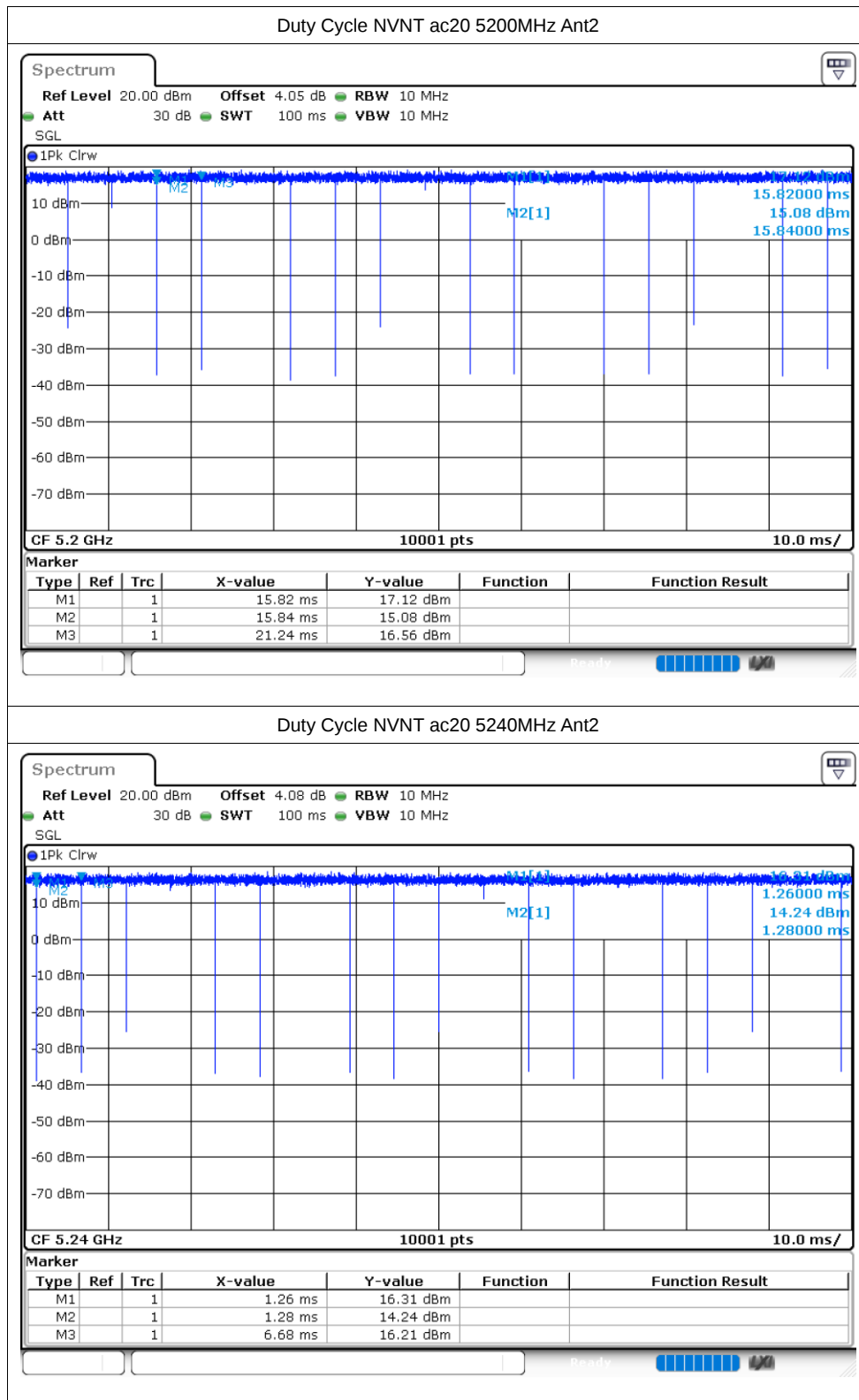


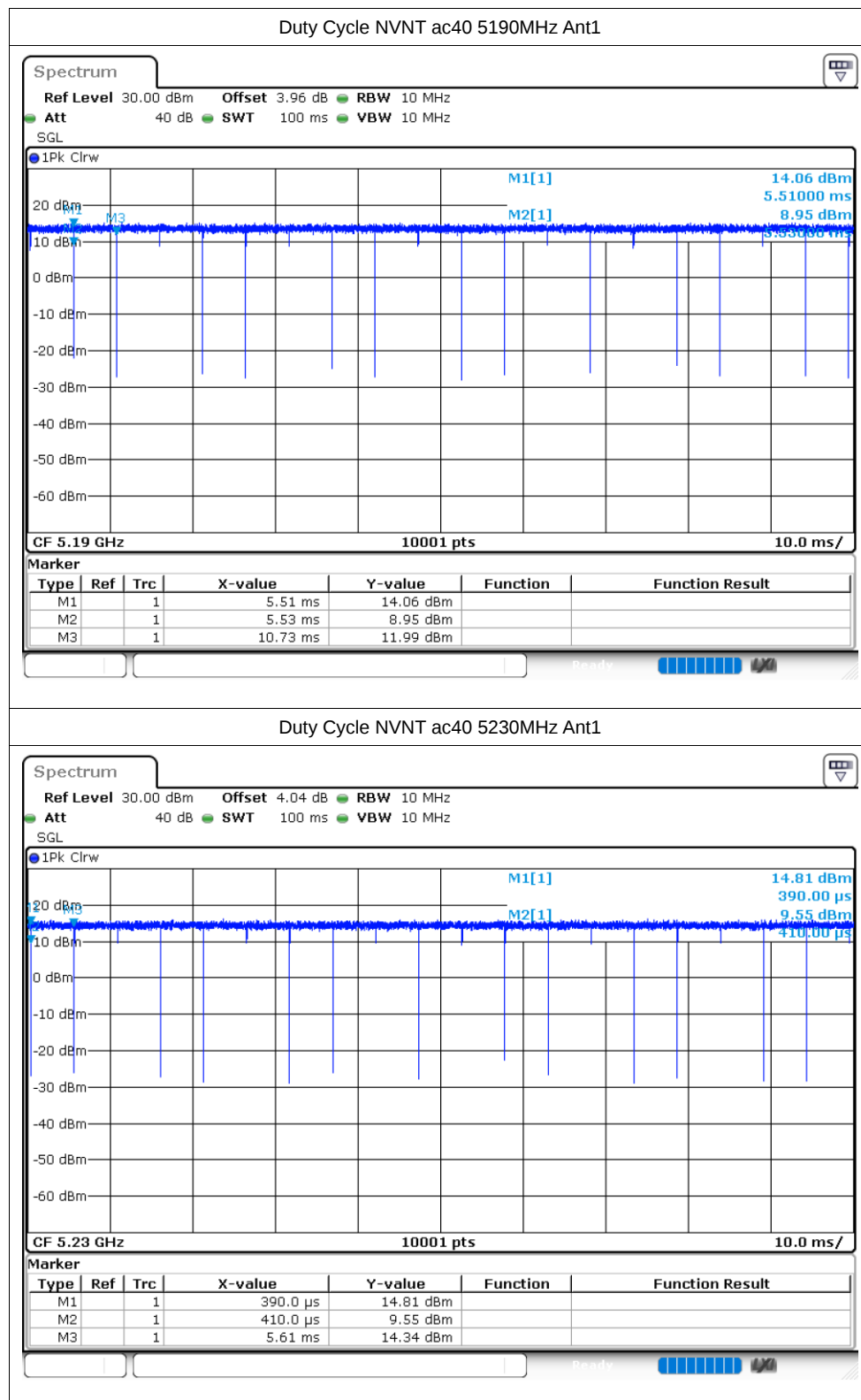


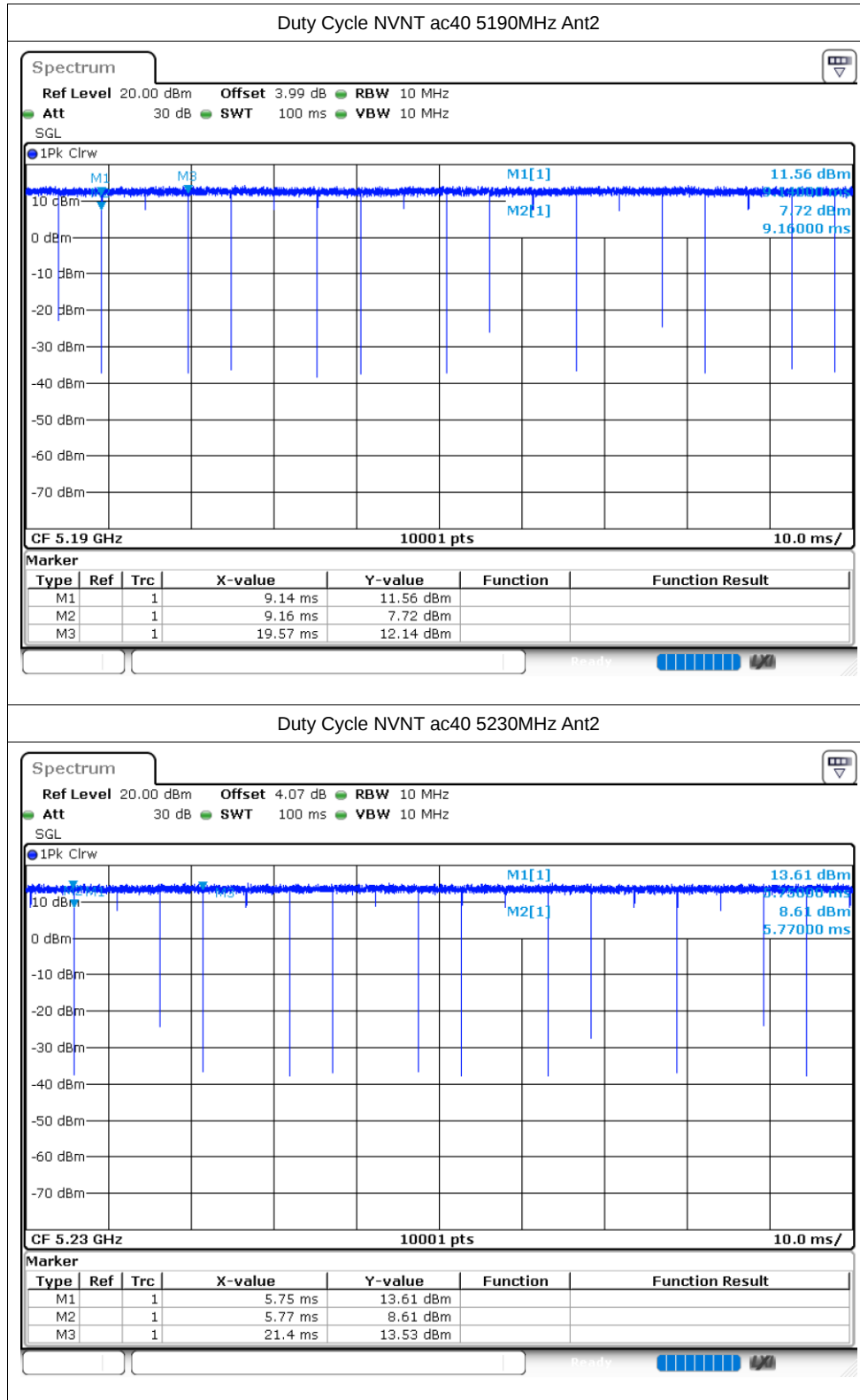


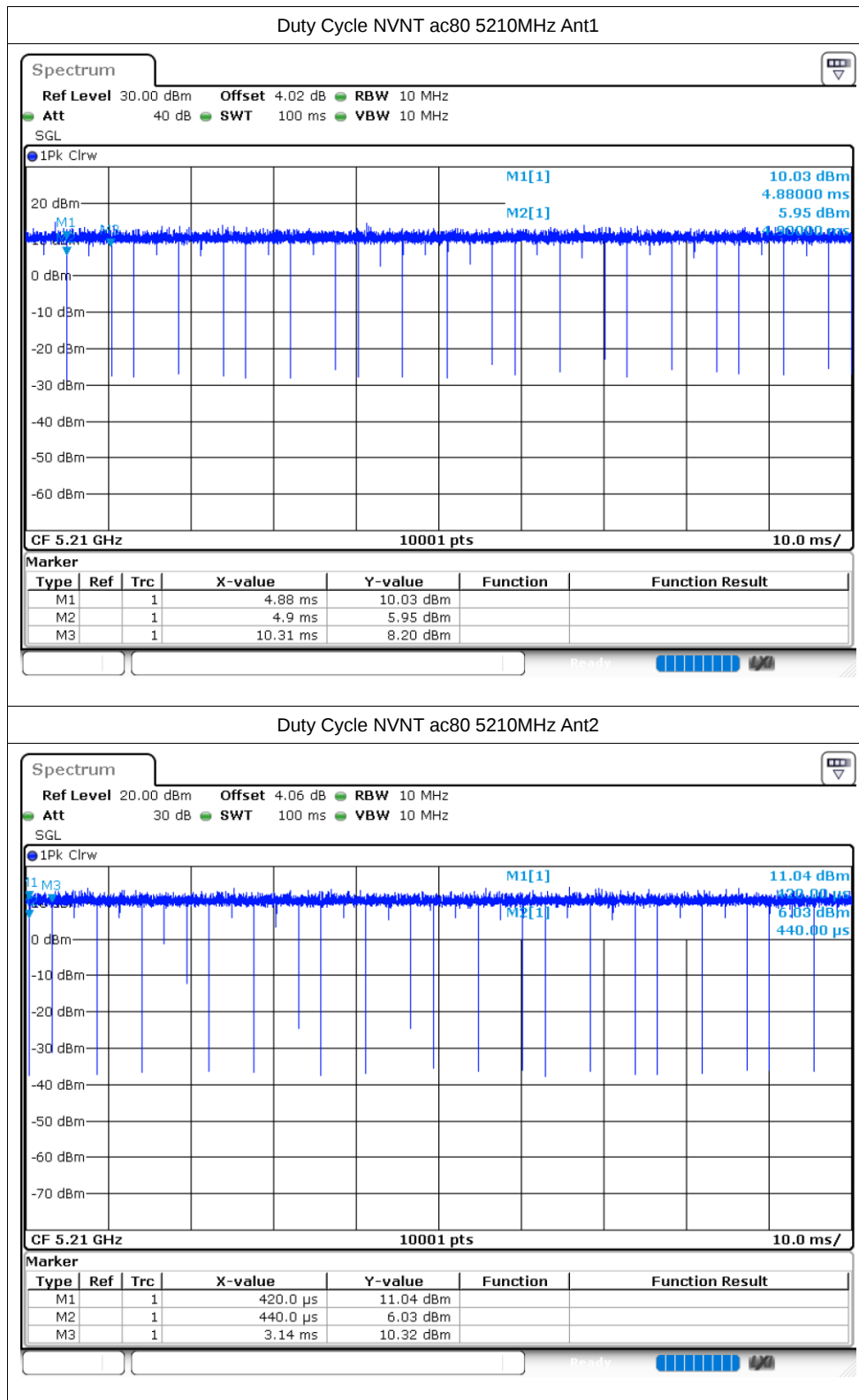


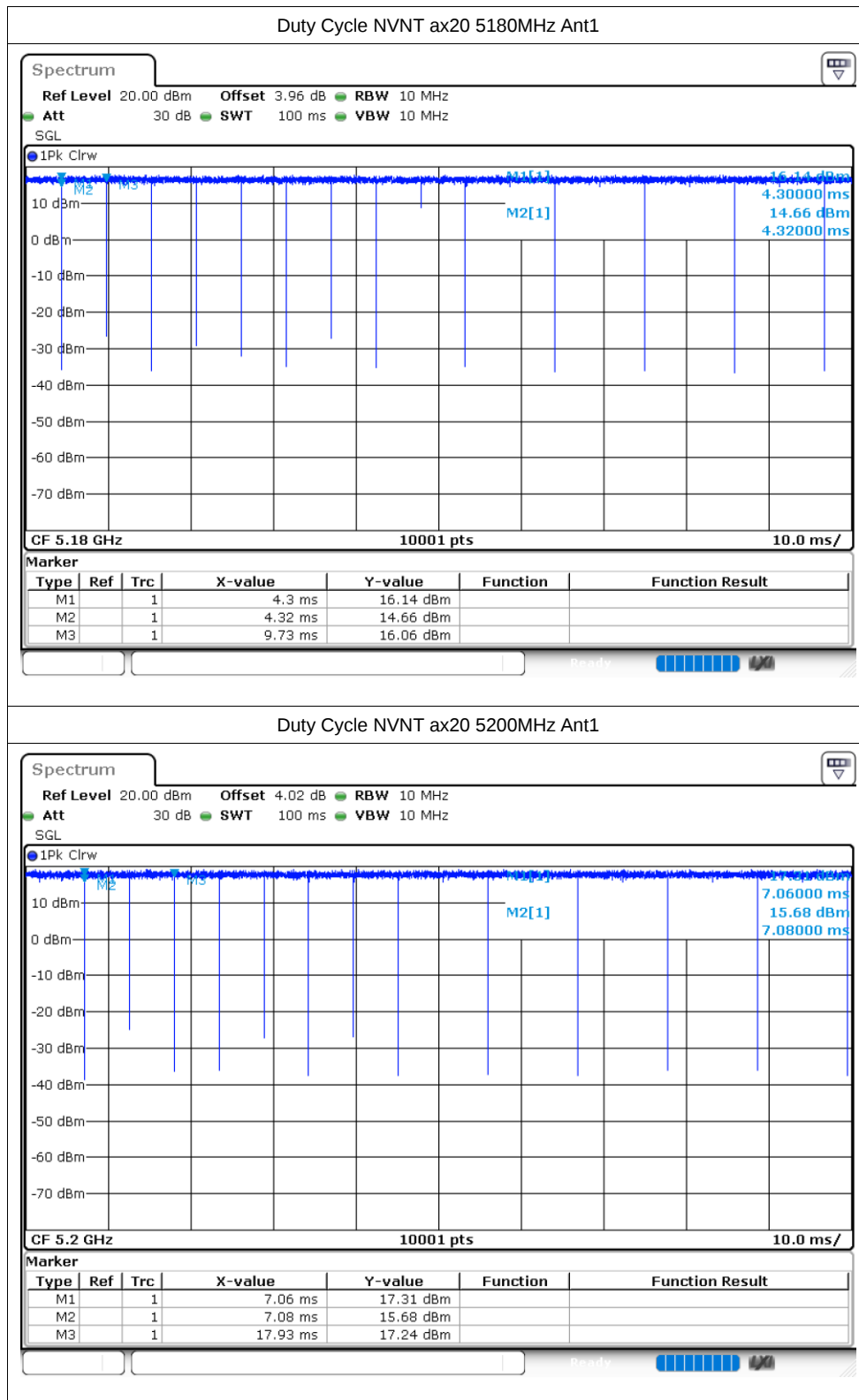


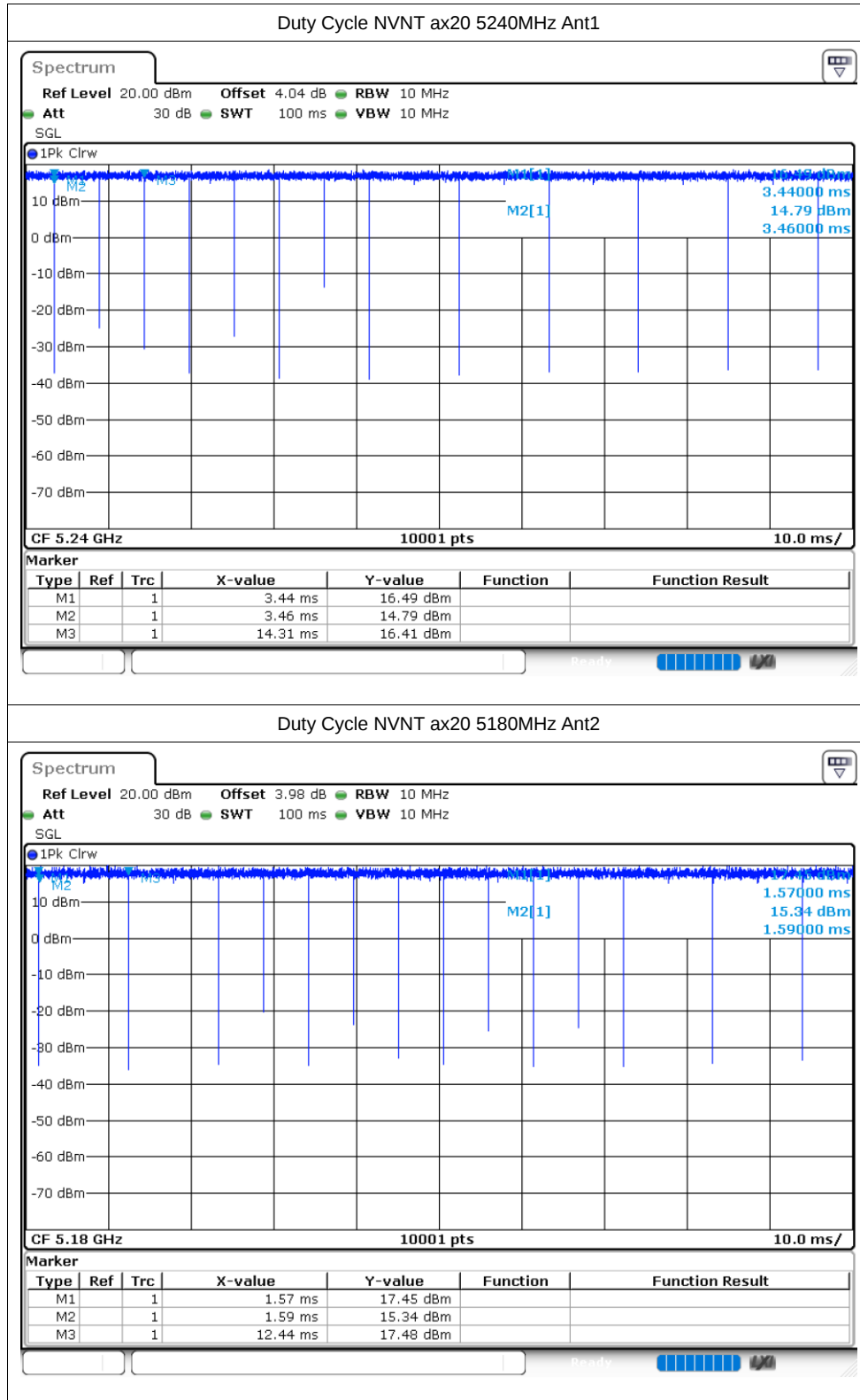


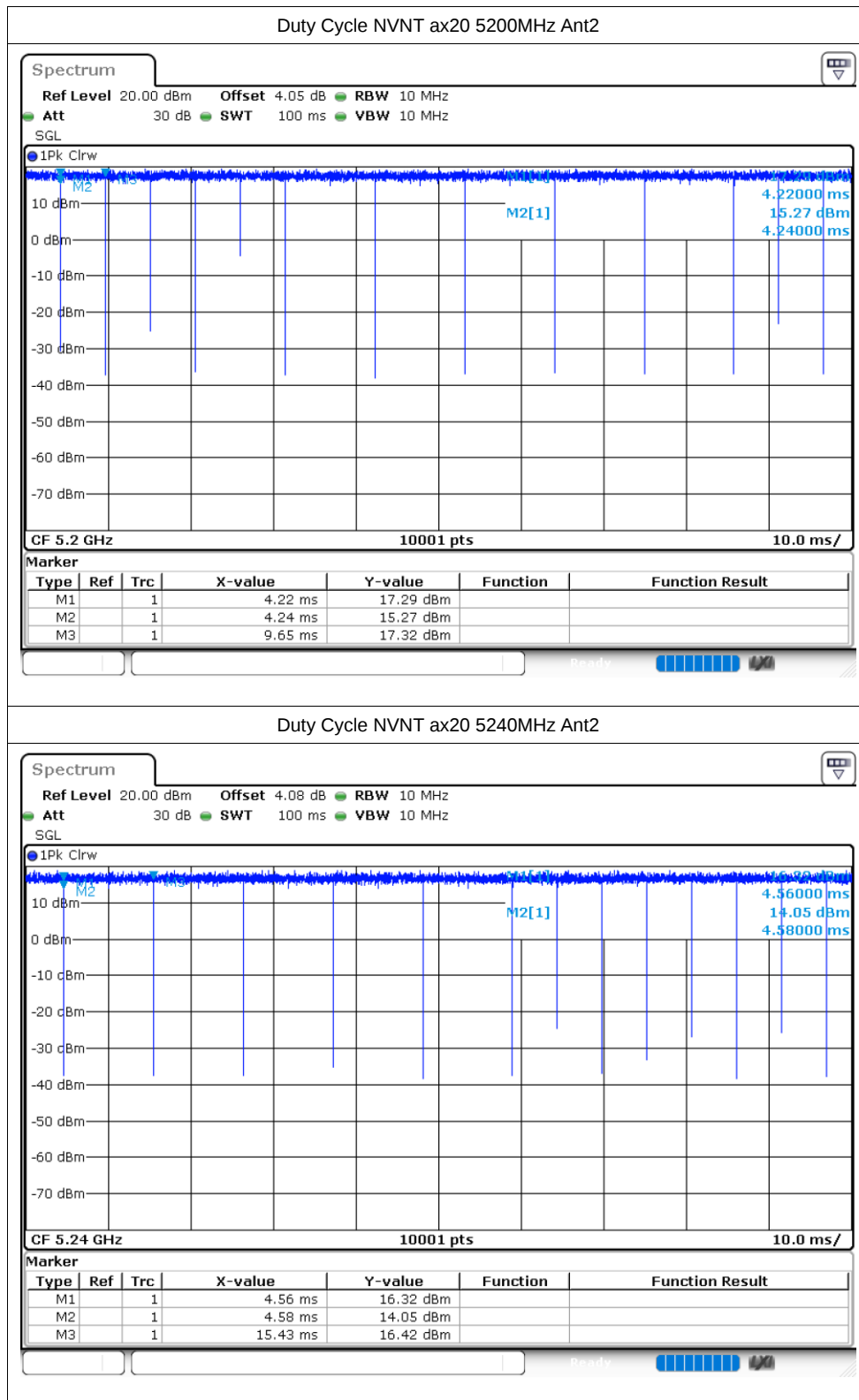


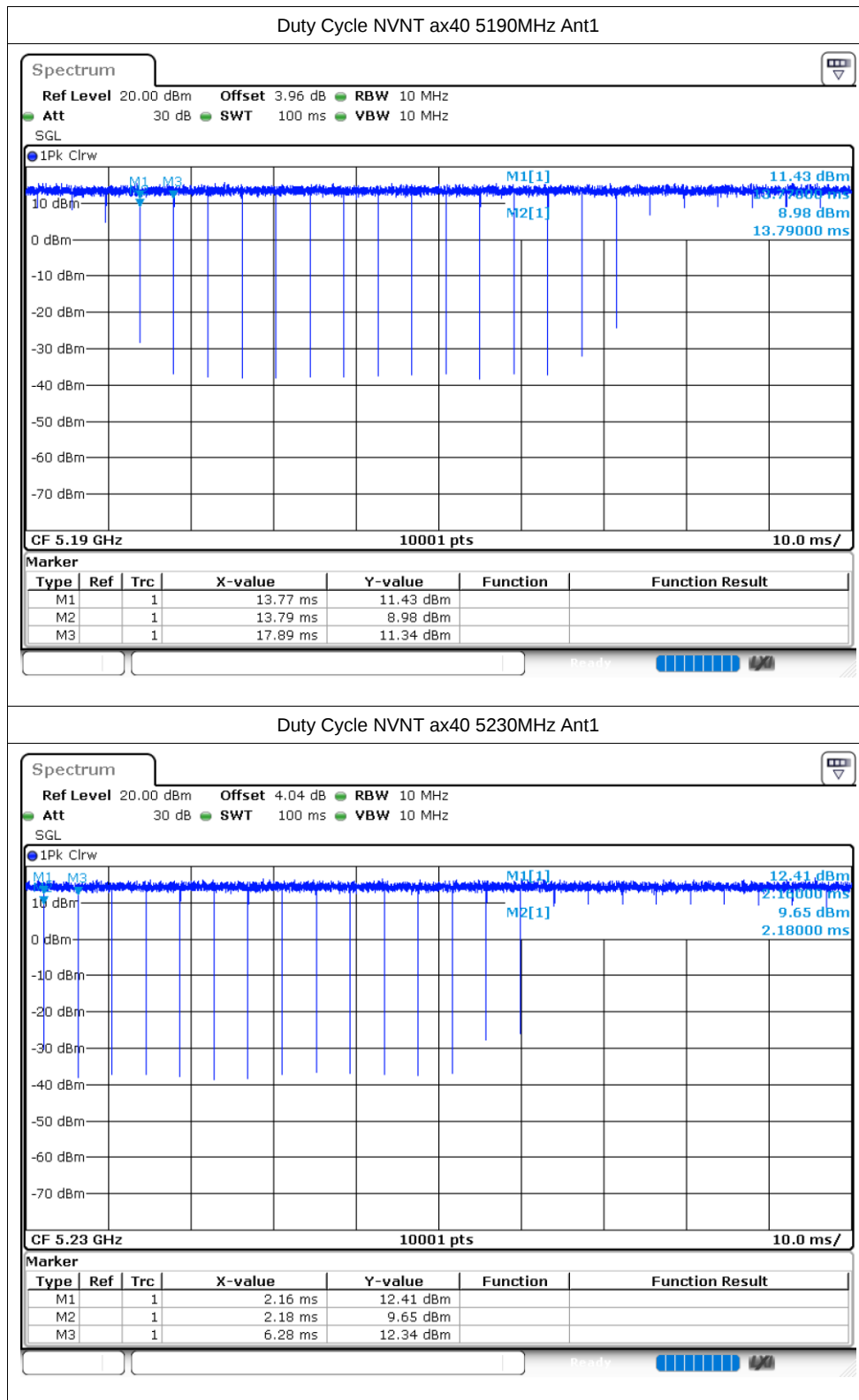


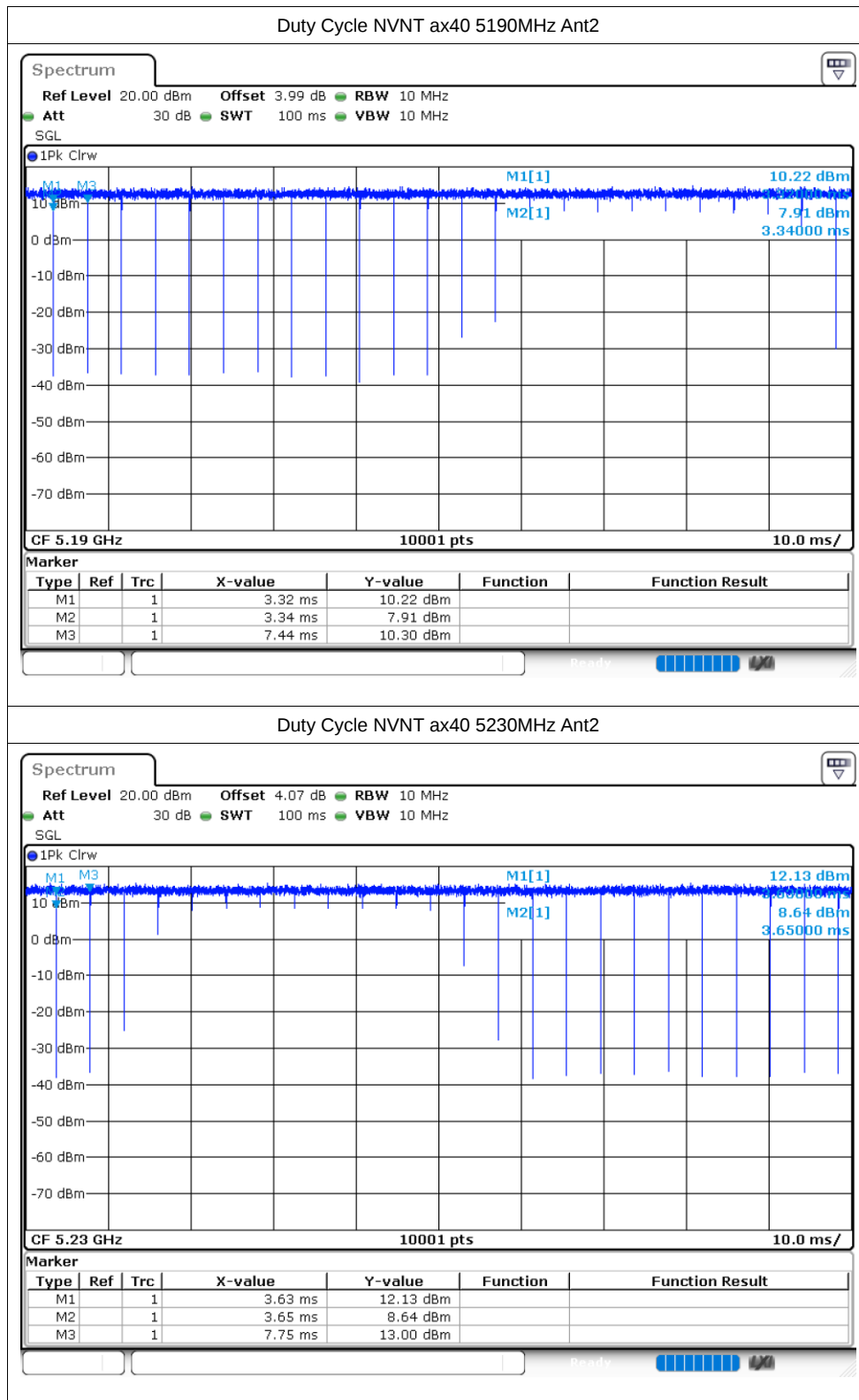


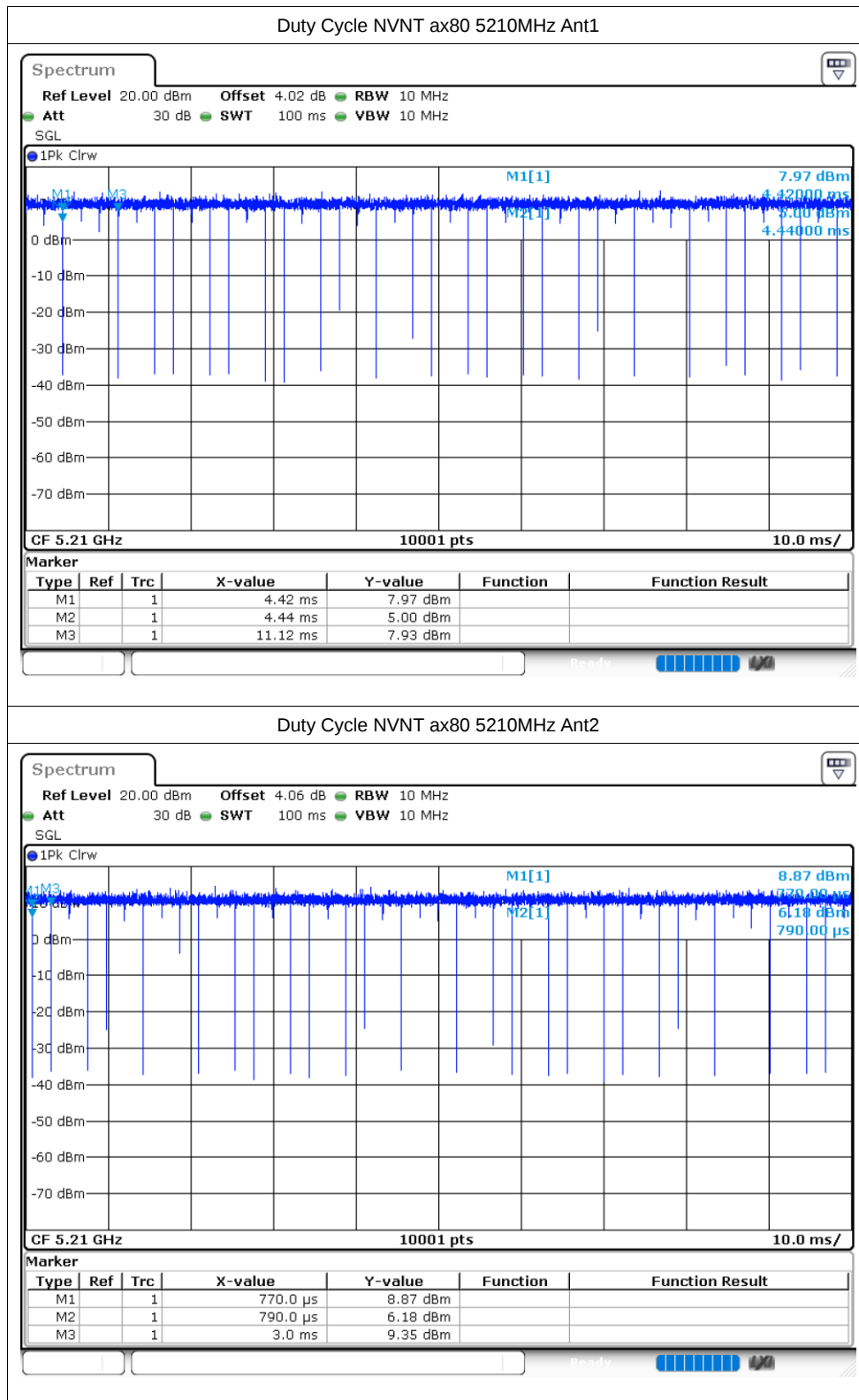












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	14.78	0.01	14.79	30	Pass
NVNT	a	5200	Ant1	14.89	0.01	14.9	30	Pass
NVNT	a	5240	Ant1	15.02	0.01	15.03	30	Pass
NVNT	a	5180	Ant2	15.46	0.01	15.47	30	Pass
NVNT	a	5200	Ant2	15.44	0.01	15.45	30	Pass
NVNT	a	5240	Ant2	14.61	0.01	14.62	30	Pass
NVNT	n20	5180	Ant1	14.65	0.01	14.66	30	Pass
NVNT	n20	5200	Ant1	14.78	0.01	14.79	30	Pass
NVNT	n20	5240	Ant1	15.01	0.01	15.02	30	Pass
NVNT	n20	5180	Ant2	15.14	0	15.14	30	Pass
NVNT	n20	5200	Ant2	15.1	0	15.1	30	Pass
NVNT	n20	5240	Ant2	14.3	0.01	14.31	30	Pass
NVNT	n40	5190	Ant1	13.11	0.01	13.12	30	Pass
NVNT	n40	5230	Ant1	14.37	0.01	14.38	30	Pass
NVNT	n40	5190	Ant2	13.22	0	13.22	30	Pass
NVNT	n40	5230	Ant2	14.35	0.01	14.36	30	Pass
NVNT	ac20	5180	Ant1	14.71	0.01	14.72	30	Pass
NVNT	ac20	5200	Ant1	14.69	0.01	14.7	30	Pass
NVNT	ac20	5240	Ant1	14.92	0.01	14.93	30	Pass
NVNT	ac20	5180	Ant2	15.17	0	15.17	30	Pass
NVNT	ac20	5200	Ant2	15.07	0	15.07	30	Pass
NVNT	ac20	5240	Ant2	14.32	0.01	14.33	30	Pass
NVNT	ac40	5190	Ant1	13.25	0.01	13.26	30	Pass
NVNT	ac40	5230	Ant1	14.4	0.01	14.41	30	Pass
NVNT	ac40	5190	Ant2	13.18	0	13.18	30	Pass
NVNT	ac40	5230	Ant2	14.36	0	14.36	30	Pass
NVNT	ac80	5210	Ant1	13.17	0.01	13.18	30	Pass
NVNT	ac80	5210	Ant2	14.24	0.01	14.25	30	Pass
NVNT	ax20	5180	Ant1	14.31	0.01	14.32	30	Pass
NVNT	ax20	5200	Ant1	14.45	0.01	14.46	30	Pass
NVNT	ax20	5240	Ant1	14.57	0	14.57	30	Pass
NVNT	ax20	5180	Ant2	15.24	0	15.24	30	Pass
NVNT	ax20	5200	Ant2	15.26	0	15.26	30	Pass
NVNT	ax20	5240	Ant2	14.41	0.01	14.42	30	Pass
NVNT	ax40	5190	Ant1	12.77	0.01	12.78	30	Pass
NVNT	ax40	5230	Ant1	13.91	0.01	13.92	30	Pass
NVNT	ax40	5190	Ant2	12.74	0.01	12.75	30	Pass
NVNT	ax40	5230	Ant2	13.93	0.01	13.94	30	Pass
NVNT	ax80	5210	Ant1	12.1	0.01	12.11	30	Pass
NVNT	ax80	5210	Ant2	14.03	0.01	14.04	30	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	22.272
NVNT	a	5200	Ant1	21.294
NVNT	a	5240	Ant1	19.851
NVNT	a	5180	Ant2	19.566
NVNT	a	5200	Ant2	20.622
NVNT	a	5240	Ant2	20.061
NVNT	n20	5180	Ant1	20.871
NVNT	n20	5200	Ant1	22.005
NVNT	n20	5240	Ant1	21.426
NVNT	n20	5180	Ant2	20.952
NVNT	n20	5200	Ant2	20.823
NVNT	n20	5240	Ant2	21.825
NVNT	n40	5190	Ant1	40.422
NVNT	n40	5230	Ant1	40.722
NVNT	n40	5190	Ant2	40.254
NVNT	n40	5230	Ant2	40.464
NVNT	ac20	5180	Ant1	21.501
NVNT	ac20	5200	Ant1	22.119
NVNT	ac20	5240	Ant1	20.781
NVNT	ac20	5180	Ant2	20.772
NVNT	ac20	5200	Ant2	21.546
NVNT	ac20	5240	Ant2	21.129
NVNT	ac40	5190	Ant1	40.374
NVNT	ac40	5230	Ant1	40.848
NVNT	ac40	5190	Ant2	40.296
NVNT	ac40	5230	Ant2	40.722
NVNT	ac80	5210	Ant1	83.256
NVNT	ac80	5210	Ant2	82.896
NVNT	ax20	5180	Ant1	21.015
NVNT	ax20	5200	Ant1	22.626
NVNT	ax20	5240	Ant1	21.642
NVNT	ax20	5180	Ant2	20.886
NVNT	ax20	5200	Ant2	20.766
NVNT	ax20	5240	Ant2	20.733
NVNT	ax40	5190	Ant1	40.53
NVNT	ax40	5230	Ant1	40.47
NVNT	ax40	5190	Ant2	40.848
NVNT	ax40	5230	Ant2	40.734
NVNT	ax80	5210	Ant1	82.056
NVNT	ax80	5210	Ant2	82.86

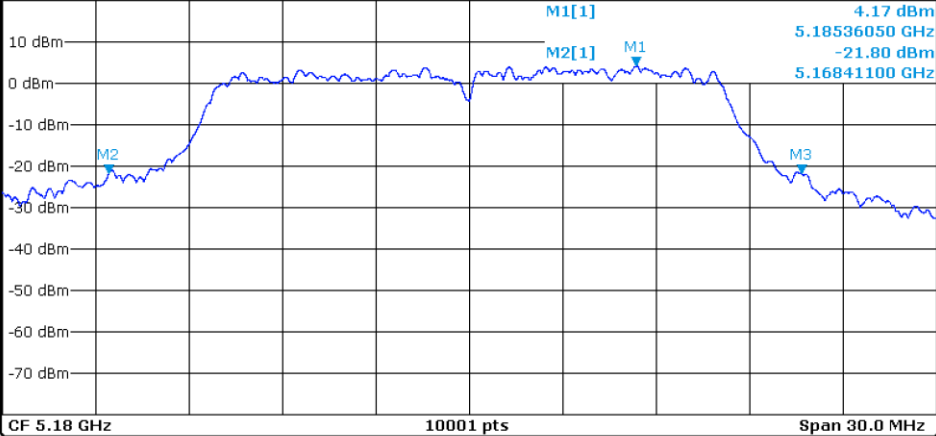
Test Graphs

-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

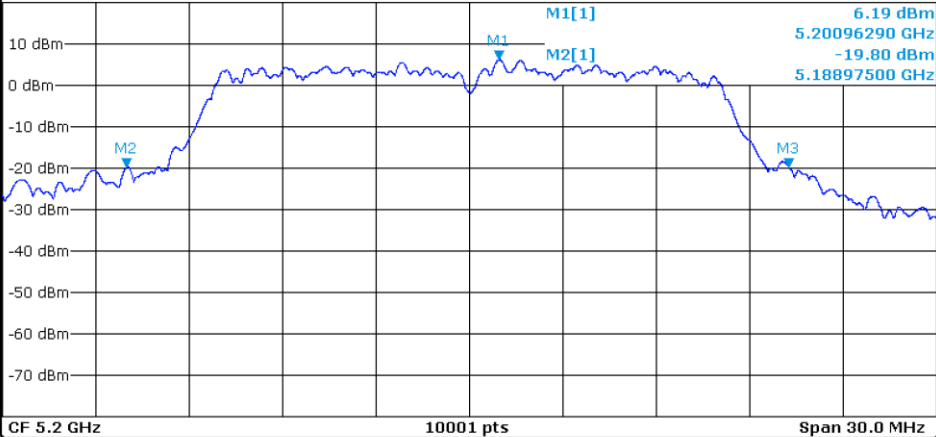
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1853605 GHz	4.17 dBm		
M2		1	5.168411 GHz	-21.80 dBm		
M3		1	5.190683 GHz	-21.82 dBm		

-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	5.2009629 GHz	6.19 dBm		
M2		1	5.188975 GHz	-19.80 dBm		
M3		1	5.210269 GHz	-19.82 dBm		

