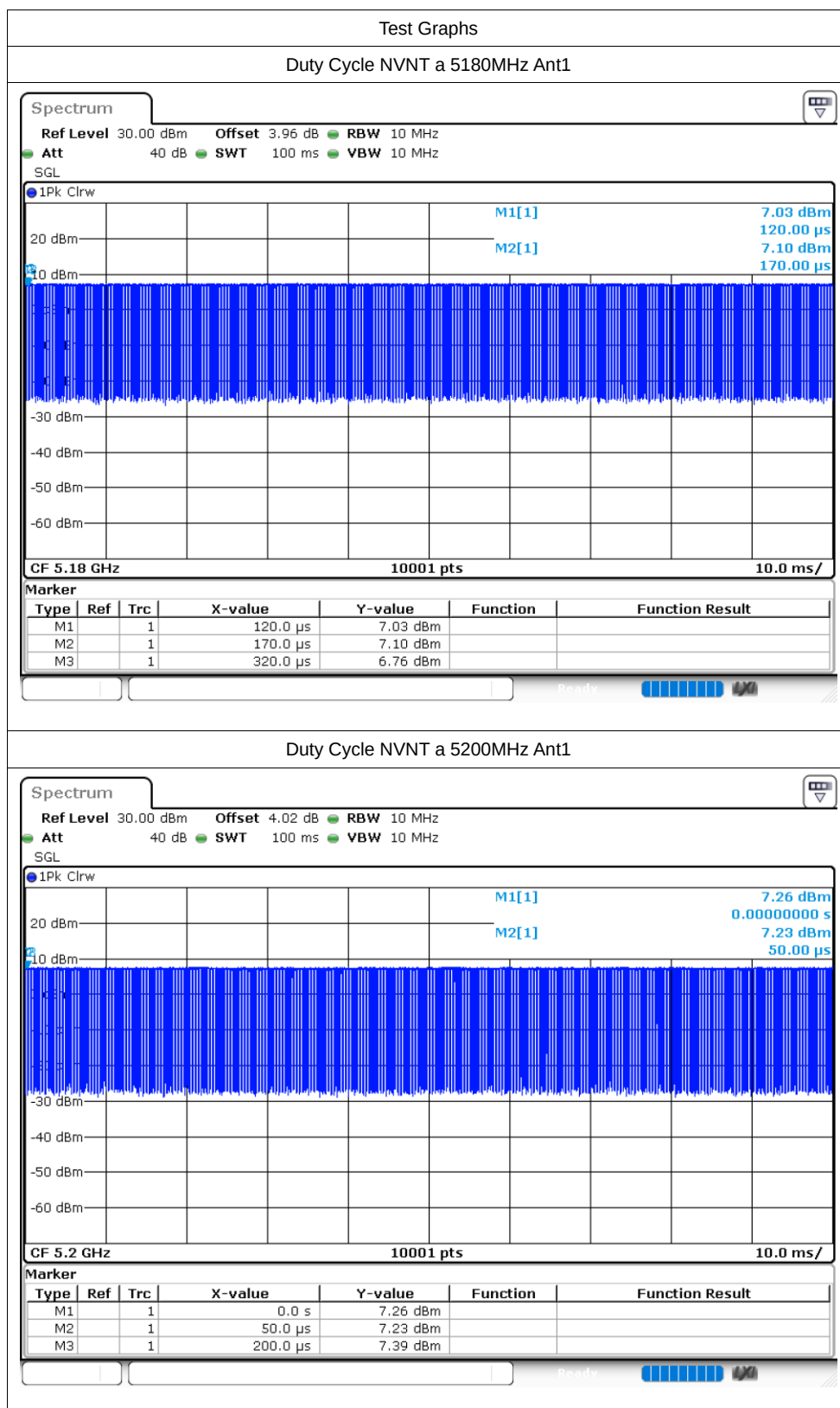


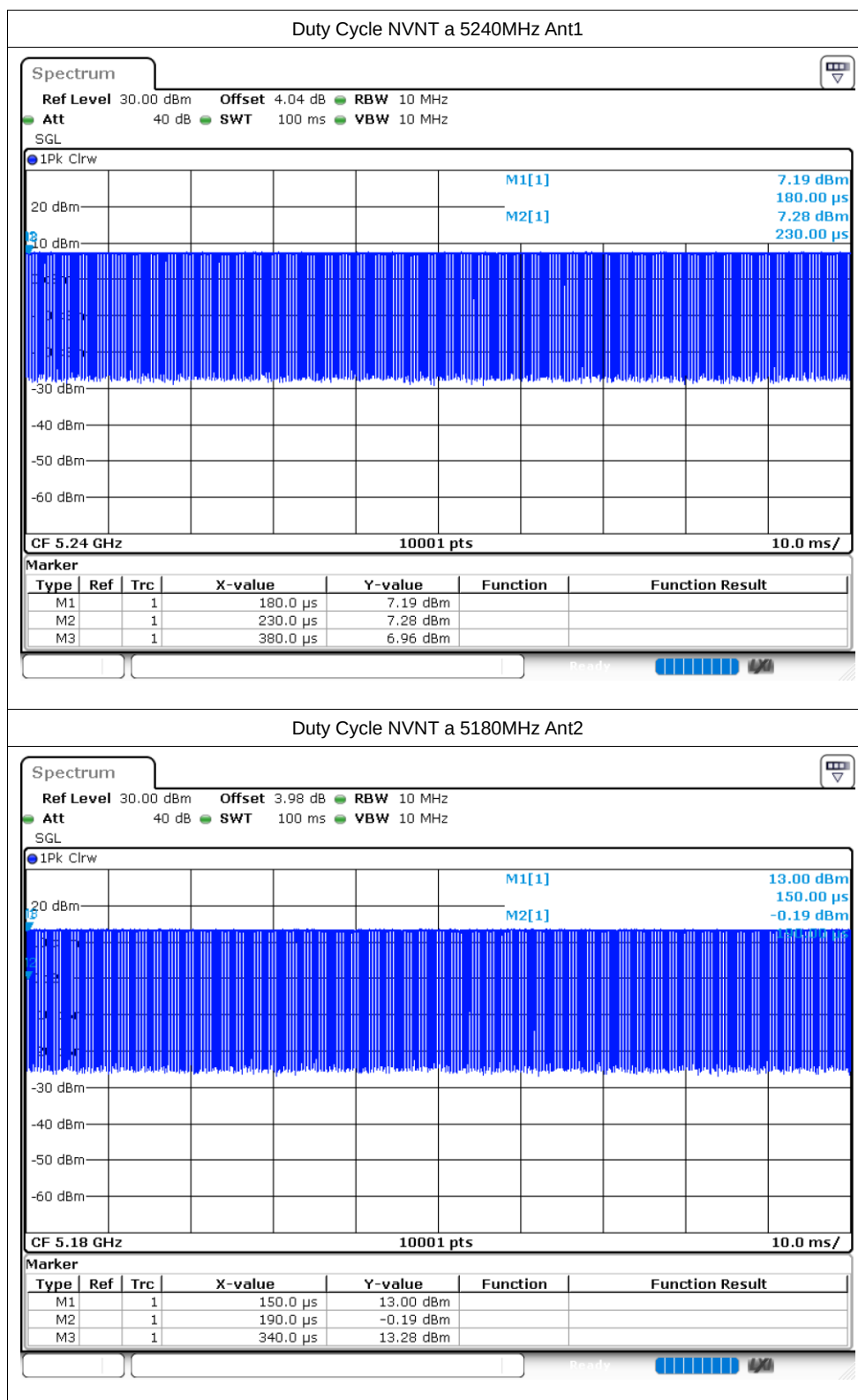
5.2G WIFI

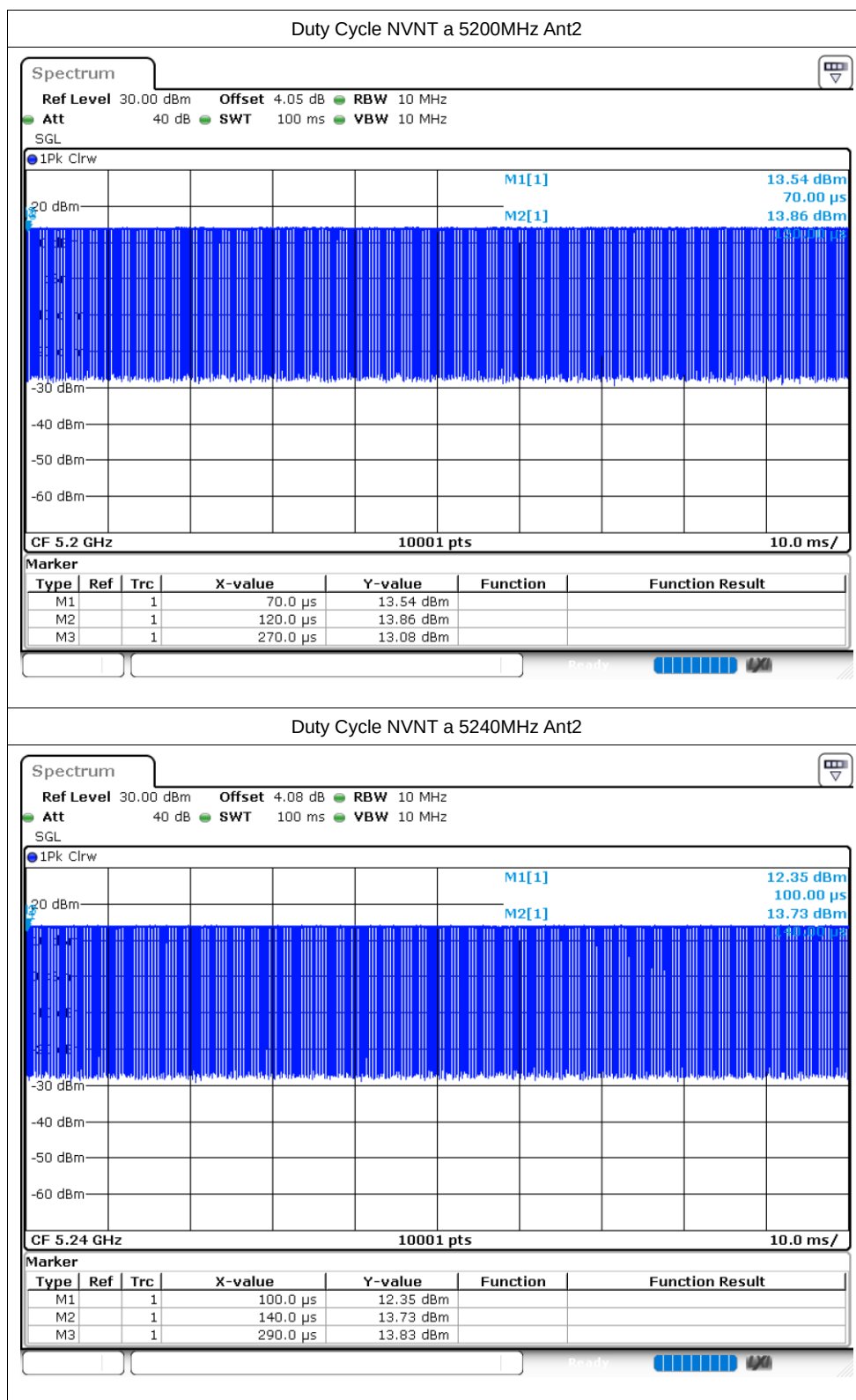
Duty Cycle

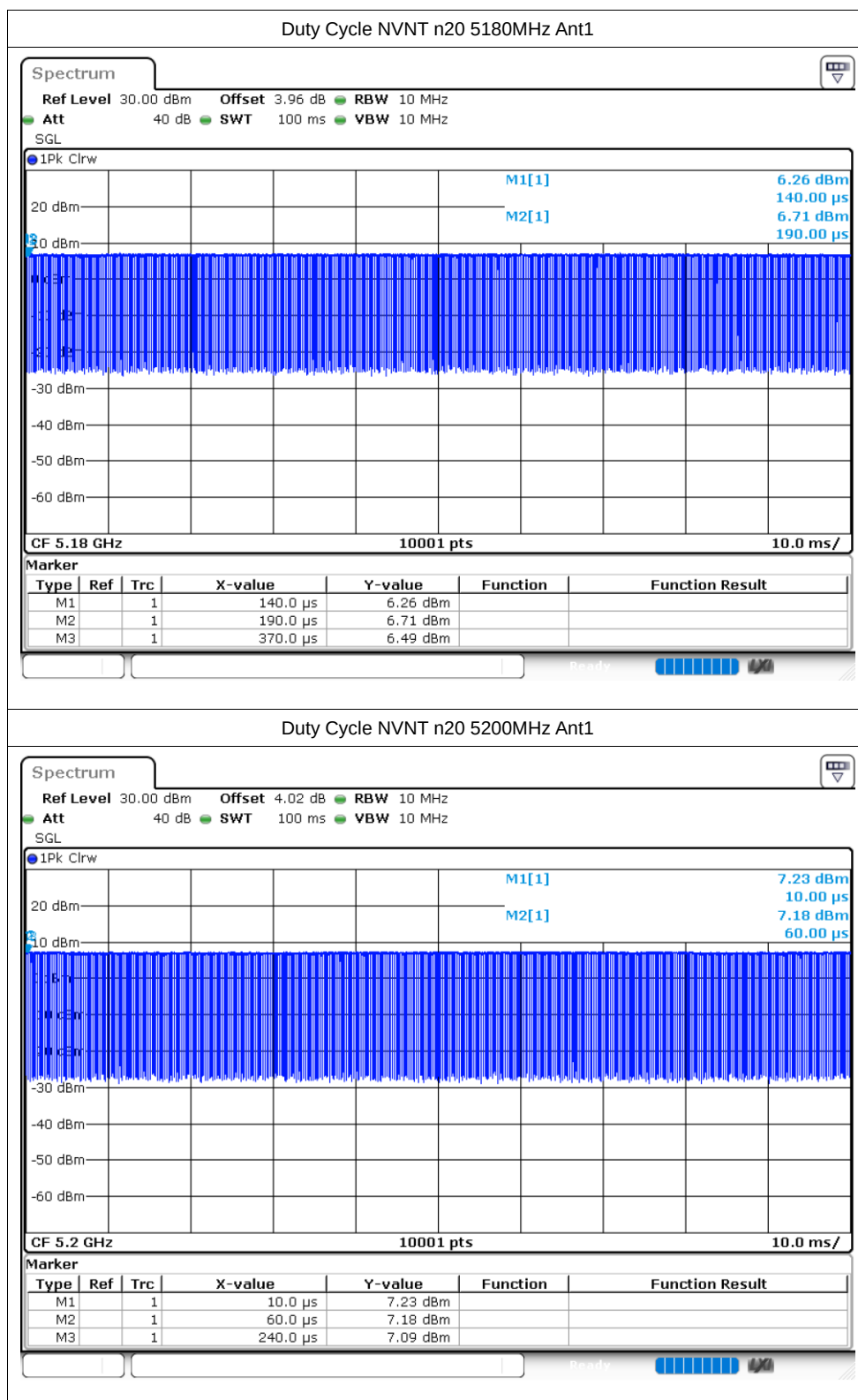
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	80.87	0.92	6.67
NVNT	a	5200	Ant1	80.53	0.94	6.67
NVNT	a	5240	Ant1	80.81	0.93	6.67
NVNT	a	5180	Ant2	80.69	0.93	6.67
NVNT	a	5200	Ant2	80.61	0.94	6.67
NVNT	a	5240	Ant2	80.82	0.92	6.67
NVNT	n20	5180	Ant1	82.89	0.81	5.56
NVNT	n20	5200	Ant1	82.92	0.81	5.56
NVNT	n20	5240	Ant1	82.91	0.81	5.56
NVNT	n20	5180	Ant2	83.05	0.81	5.56
NVNT	n20	5200	Ant2	83.02	0.81	5.56
NVNT	n20	5240	Ant2	83.01	0.81	5.88
NVNT	n40	5190	Ant1	83.16	0.8	5.56
NVNT	n40	5230	Ant1	83.32	0.79	5.56
NVNT	n40	5190	Ant2	83.22	0.8	5.56
NVNT	n40	5230	Ant2	83.35	0.79	5.56
NVNT	ac20	5180	Ant1	82.1	0.86	6.25
NVNT	ac20	5200	Ant1	82.06	0.86	6.25
NVNT	ac20	5240	Ant1	81.84	0.87	6.25
NVNT	ac20	5180	Ant2	82.07	0.86	5.88
NVNT	ac20	5200	Ant2	81.99	0.86	5.88
NVNT	ac20	5240	Ant2	82.1	0.86	6.25
NVNT	ac40	5190	Ant1	81.18	0.91	6.25
NVNT	ac40	5230	Ant1	81.33	0.9	6.25
NVNT	ac40	5190	Ant2	81.09	0.91	6.67
NVNT	ac40	5230	Ant2	81.34	0.9	6.25
NVNT	ac80	5210	Ant1	70.32	1.53	7.14
NVNT	ac80	5210	Ant2	81.93	0.87	6.25
NVNT	ac160	5250	Ant1	56.87	2.45	∞
NVNT	ac160	5250	Ant2	80.17	0.96	7.14
NVNT	ax160	5250	Ant1	81.92	0.87	11.11
NVNT	ax160	5250	Ant2	82.91	0.81	5.56
NVNT	ax20	5180	Ant1	82.76	0.82	5.88
NVNT	ax20	5200	Ant1	82.53	0.83	5.56
NVNT	ax20	5240	Ant1	82.5	0.84	5.56

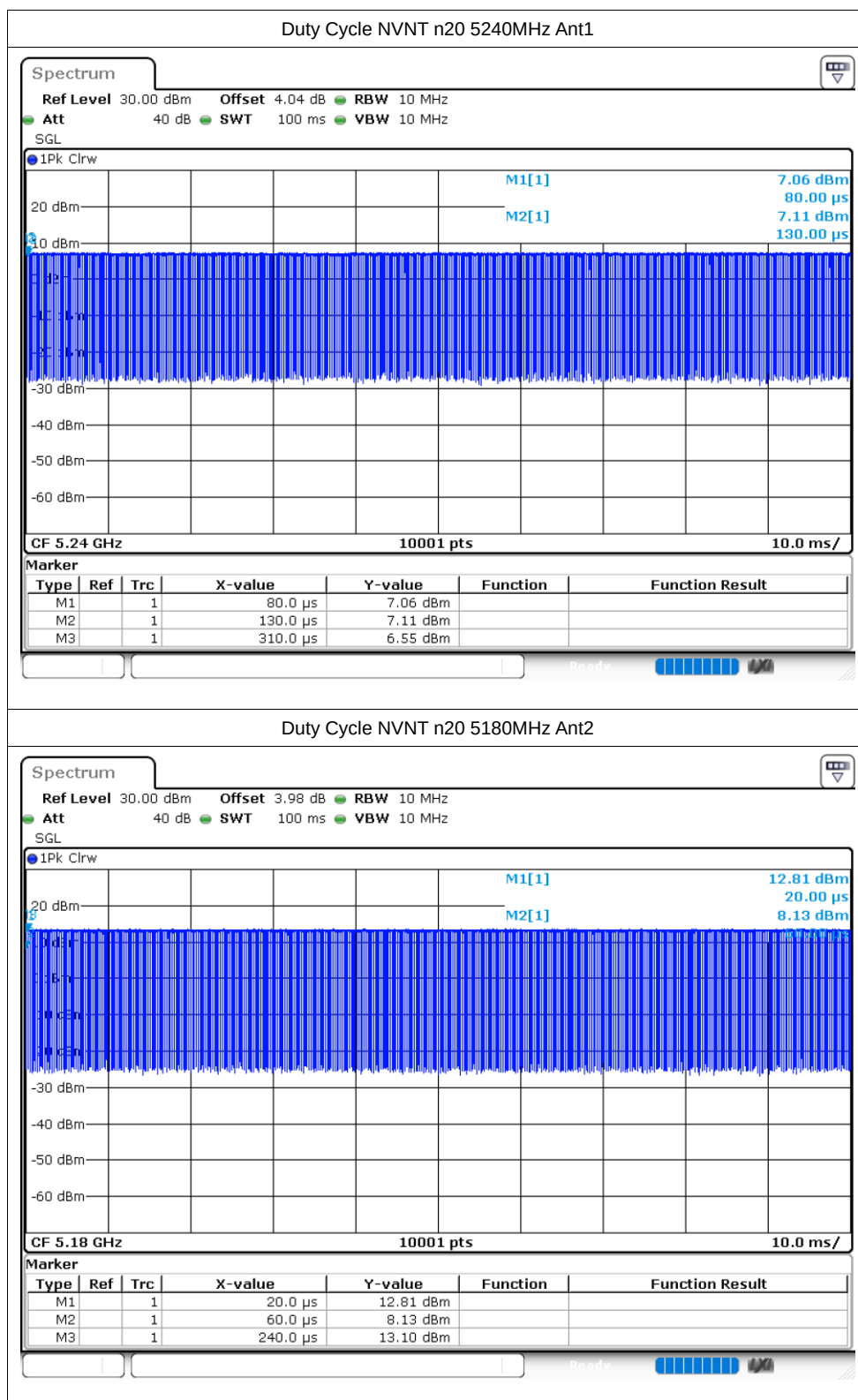
NVNT	ax20	5180	Ant2	82.71	0.82	5.56
NVNT	ax20	5200	Ant2	82.85	0.82	5.56
NVNT	ax20	5240	Ant2	82.67	0.83	5.88
NVNT	ax40	5190	Ant1	82.21	0.85	5.88
NVNT	ax40	5230	Ant1	82.51	0.83	5.88
NVNT	ax40	5190	Ant2	82.45	0.84	5.88
NVNT	ax40	5230	Ant2	82.31	0.85	5.88
NVNT	ax80	5210	Ant1	82.8	0.82	5.88
NVNT	ax80	5210	Ant2	82.78	0.82	5.88

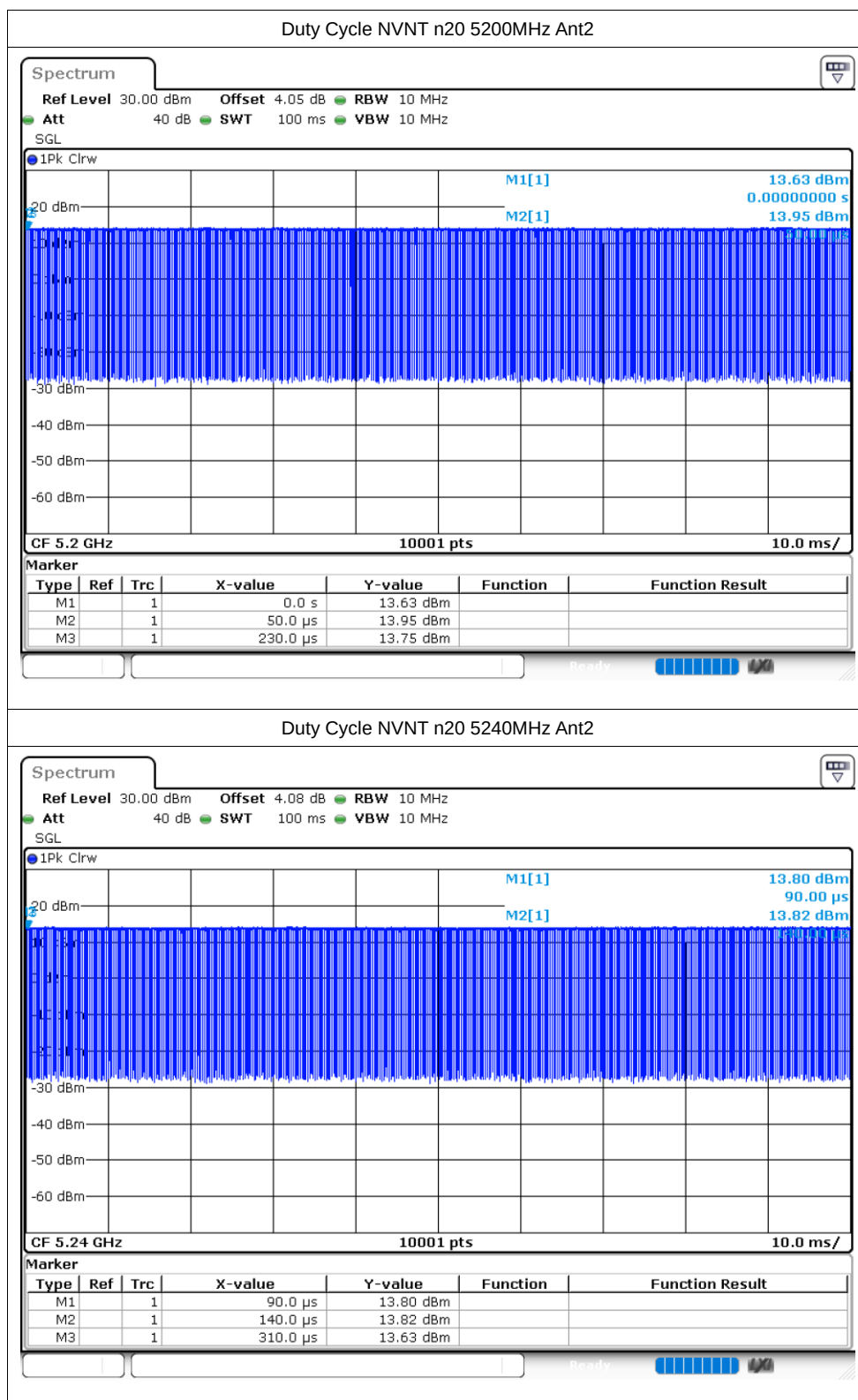


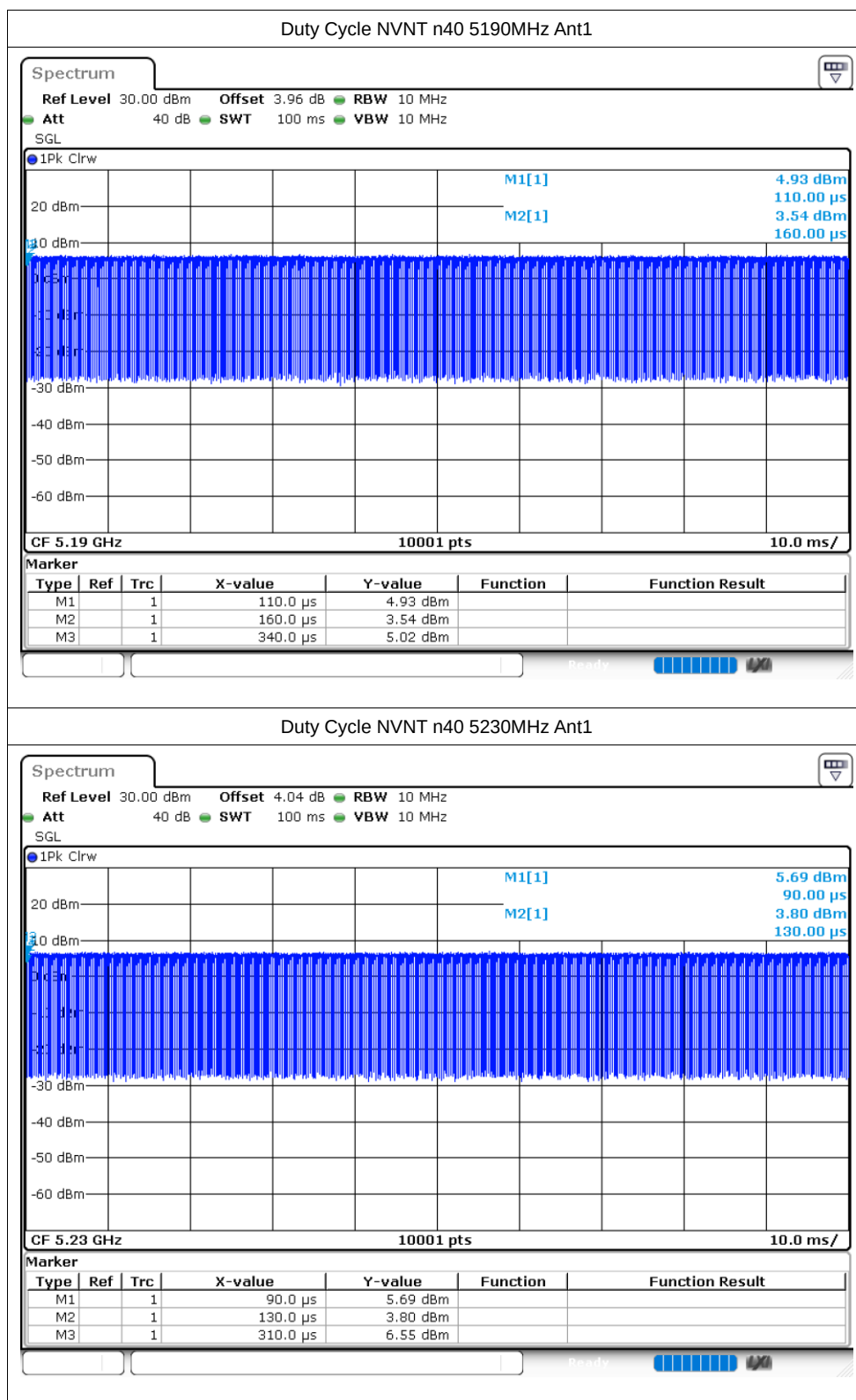


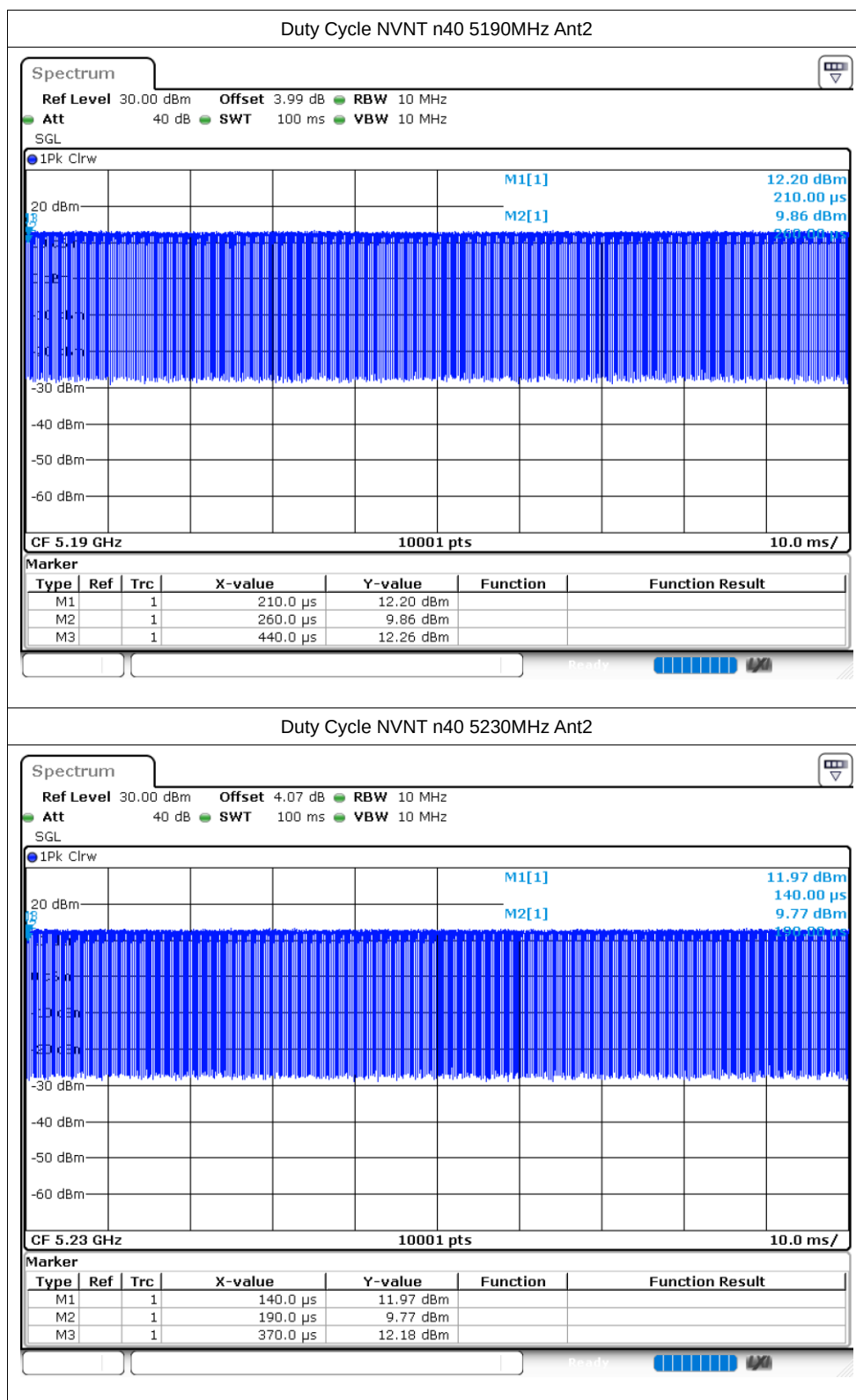


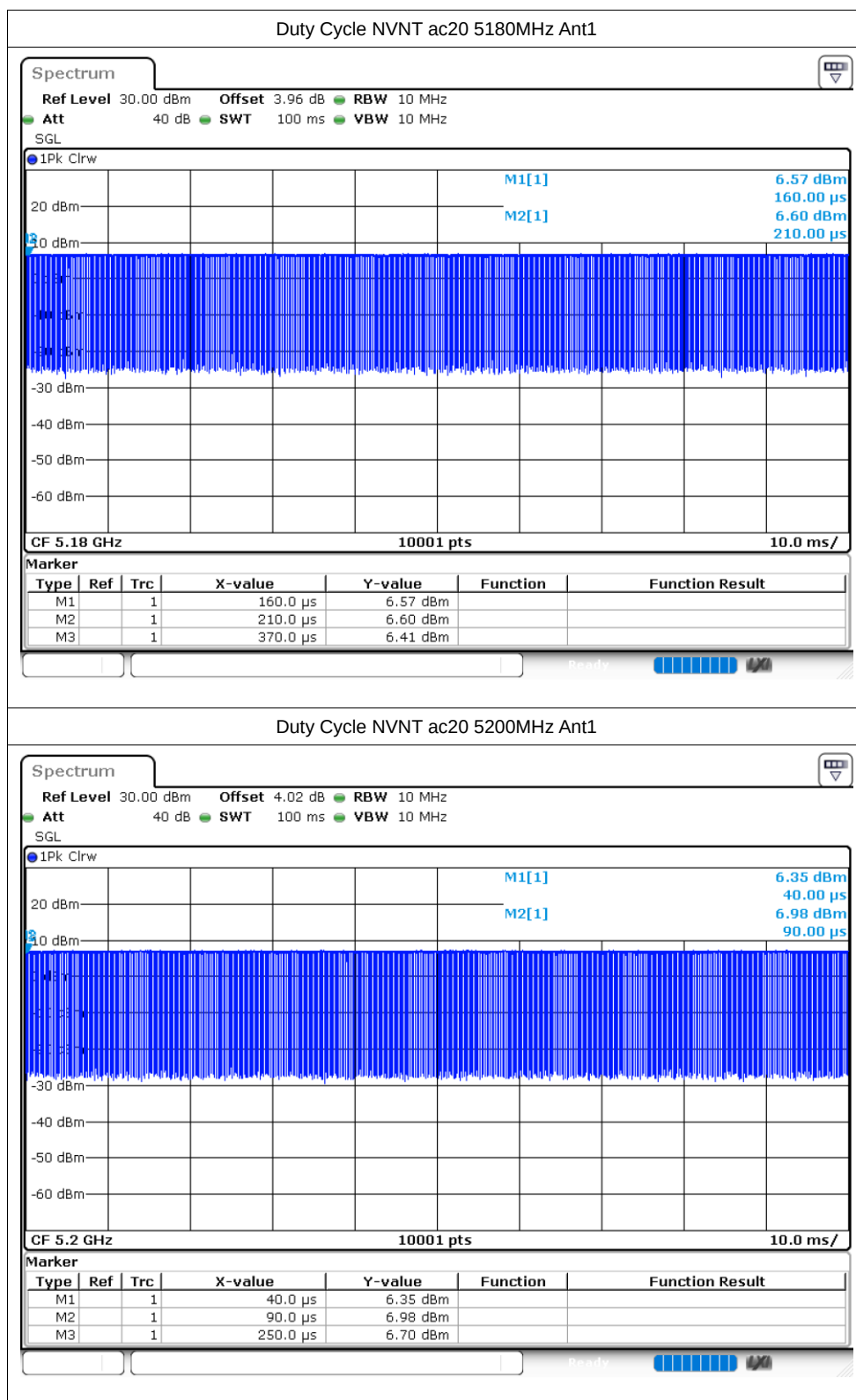


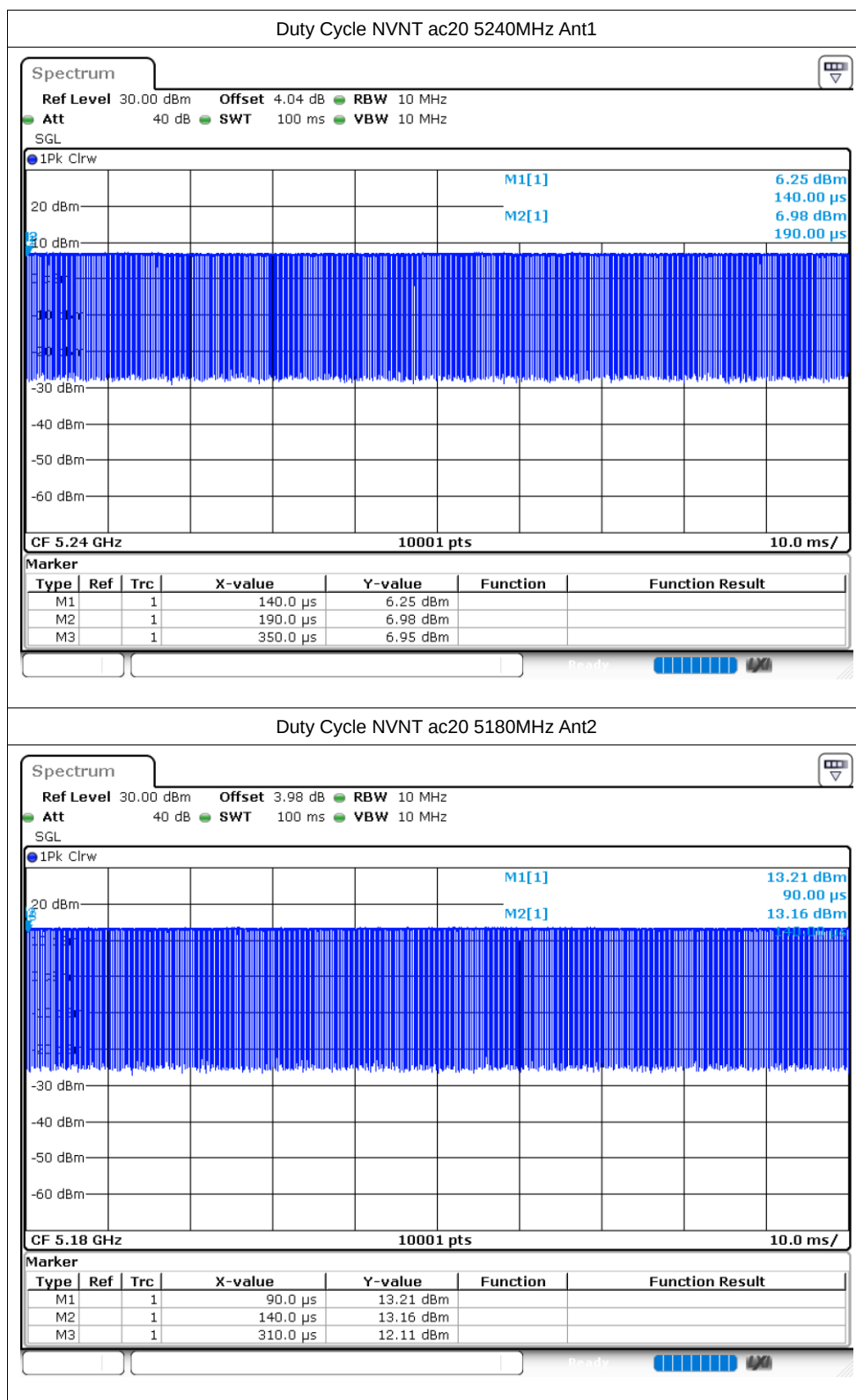


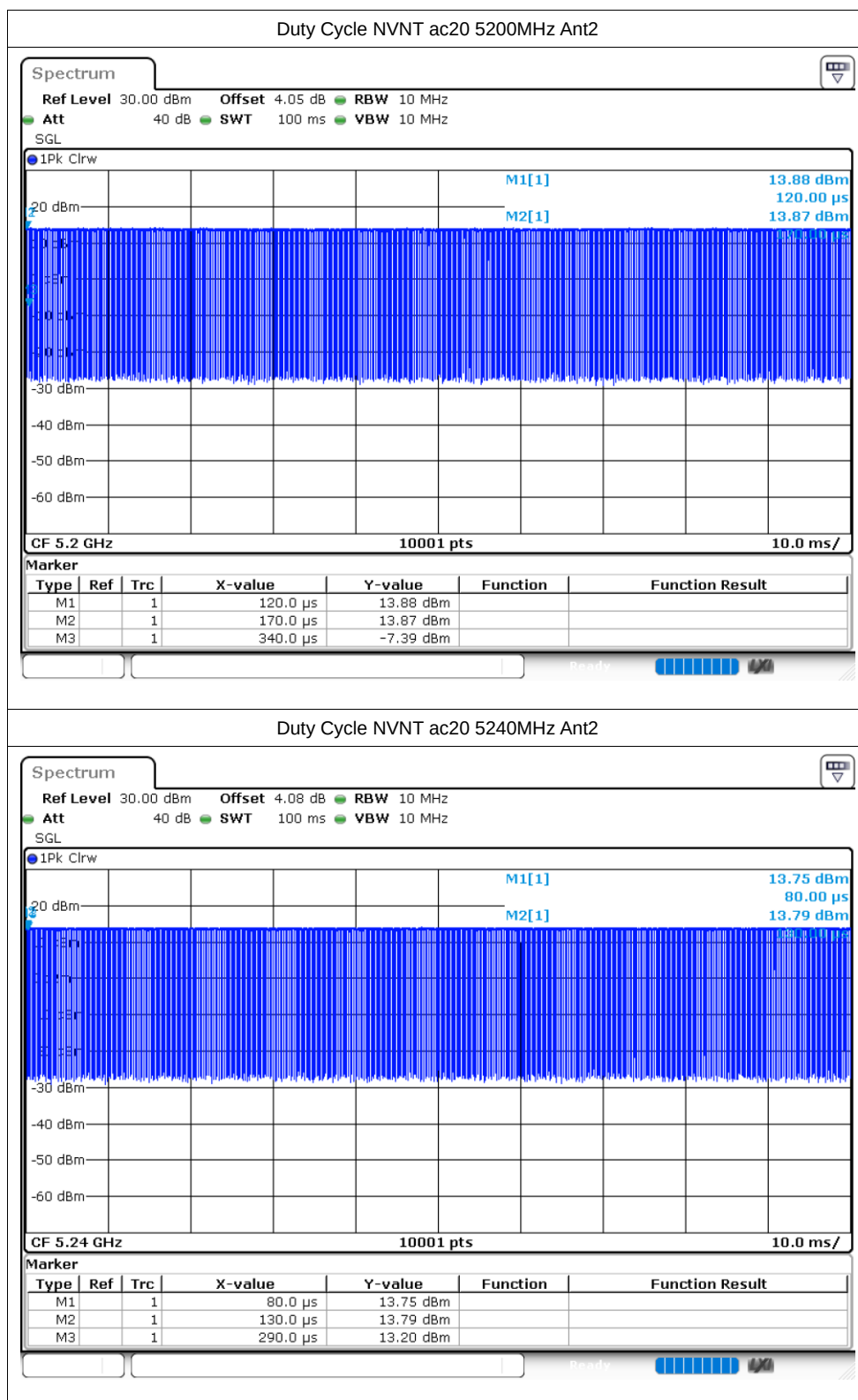


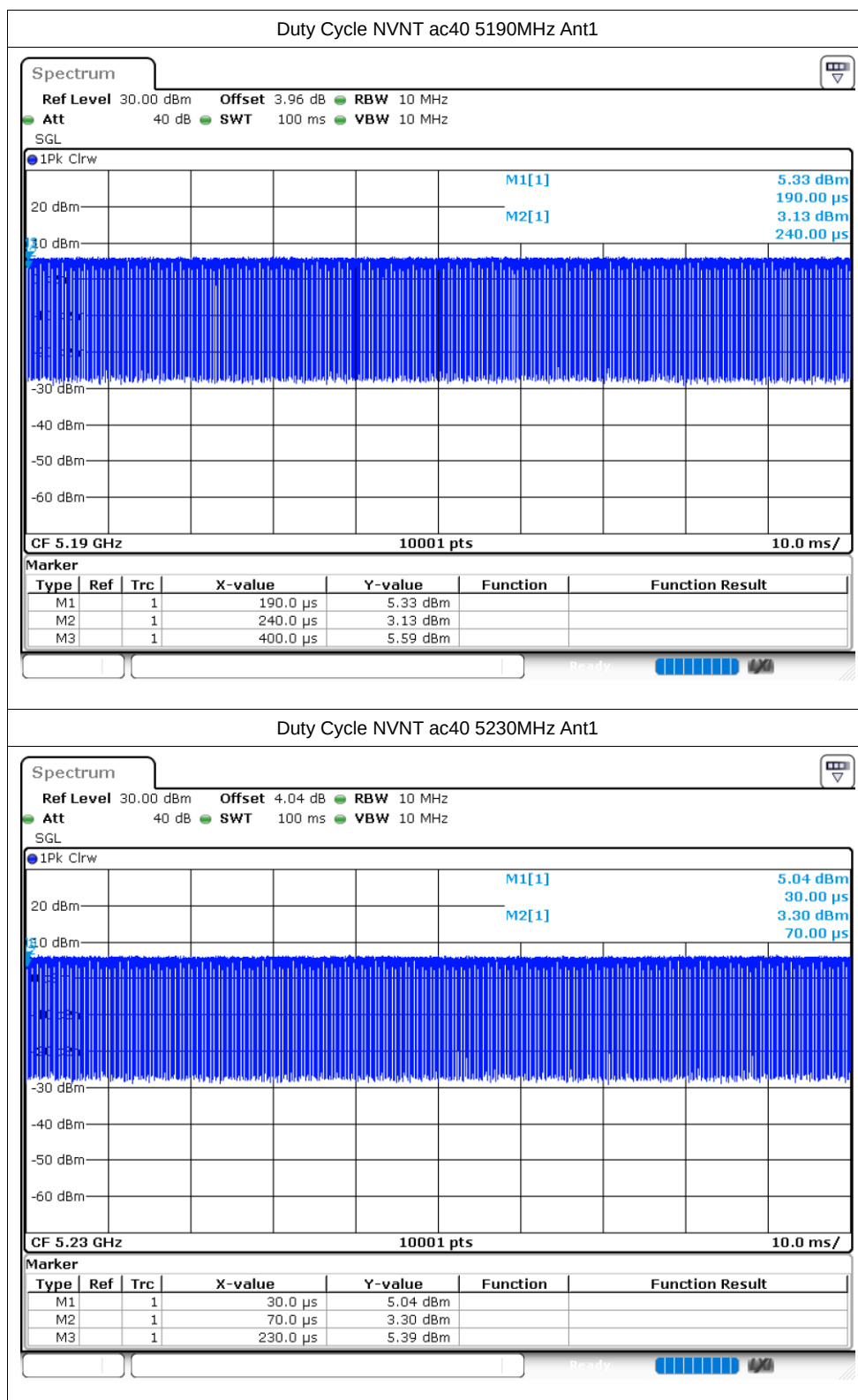


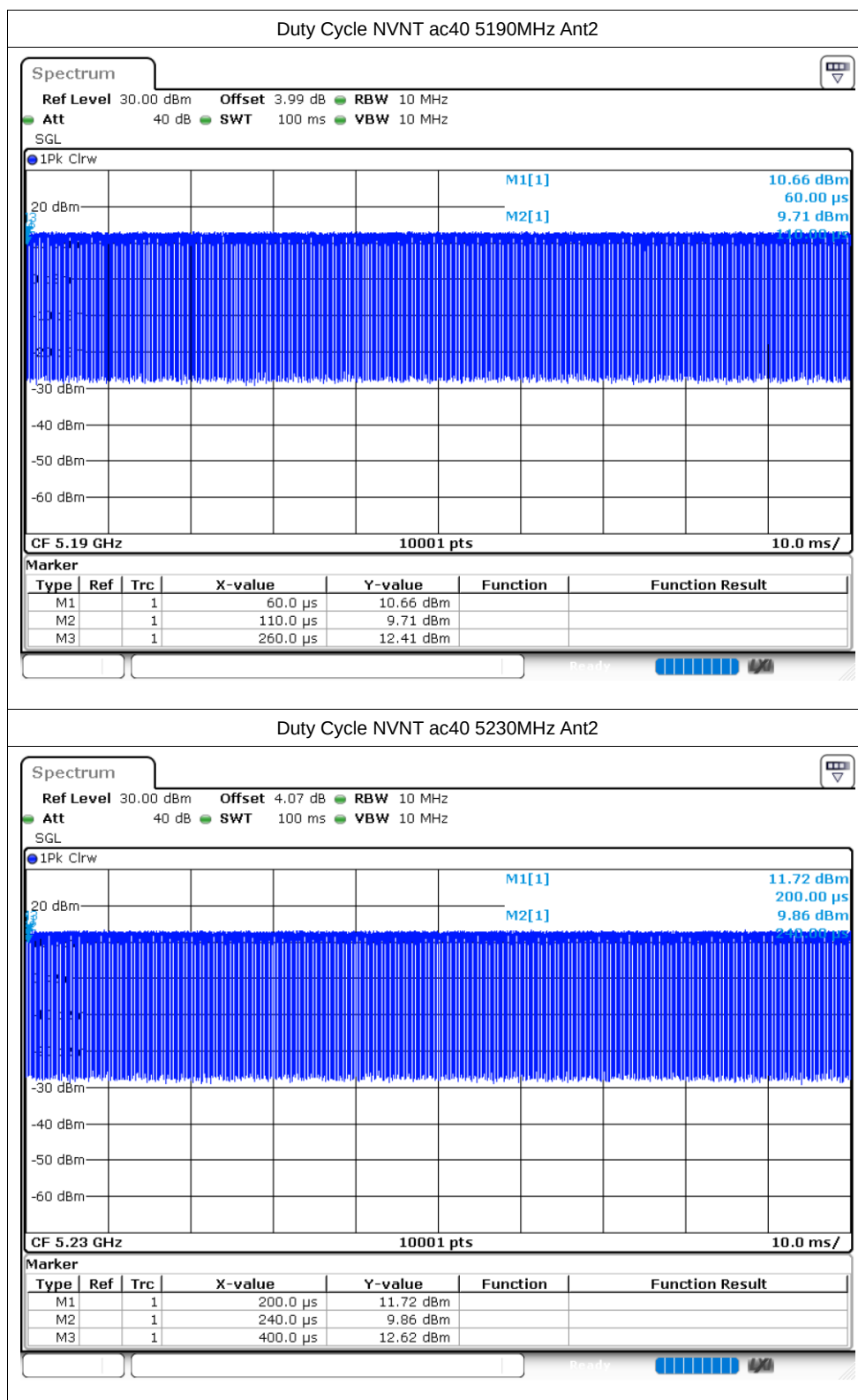


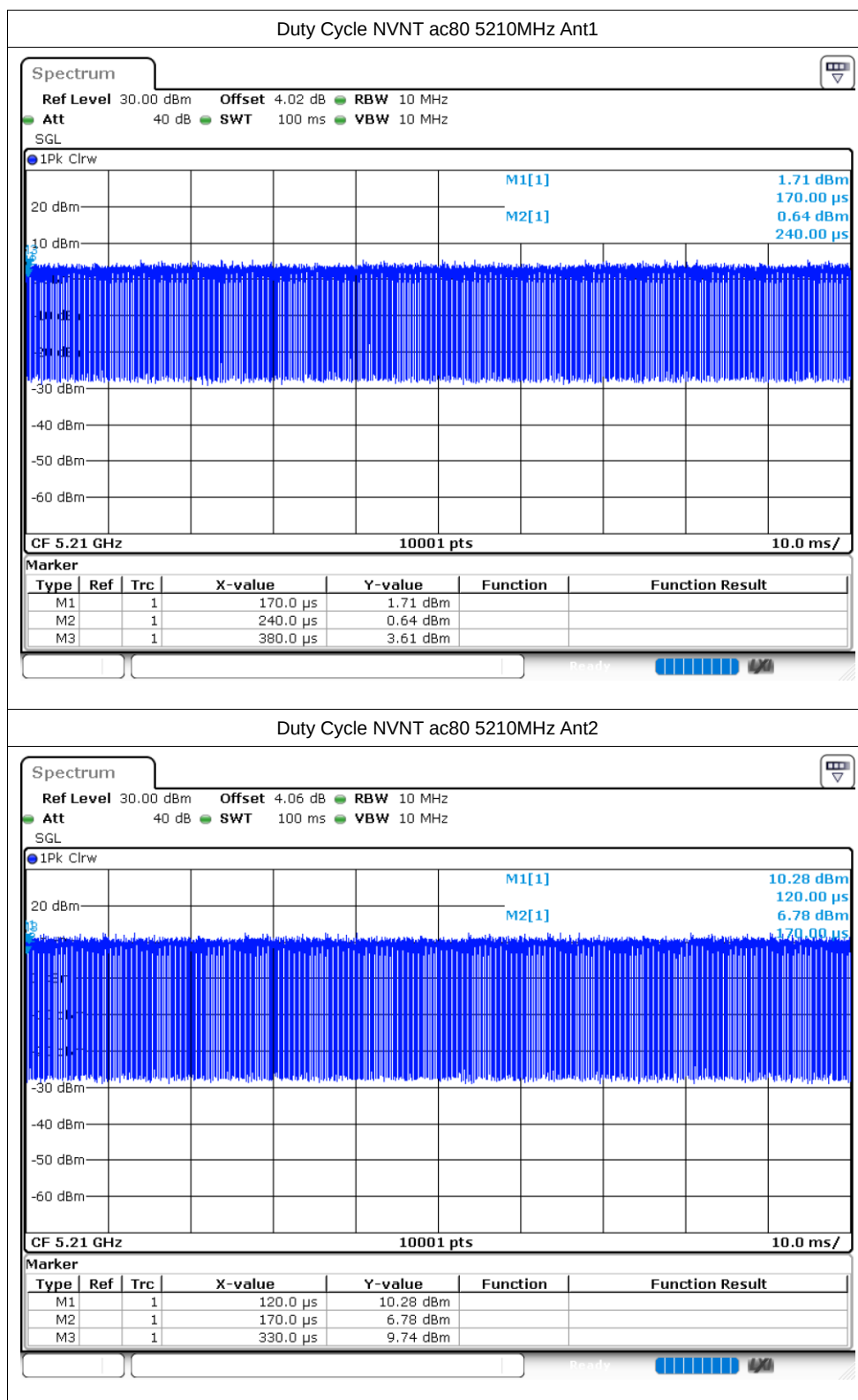


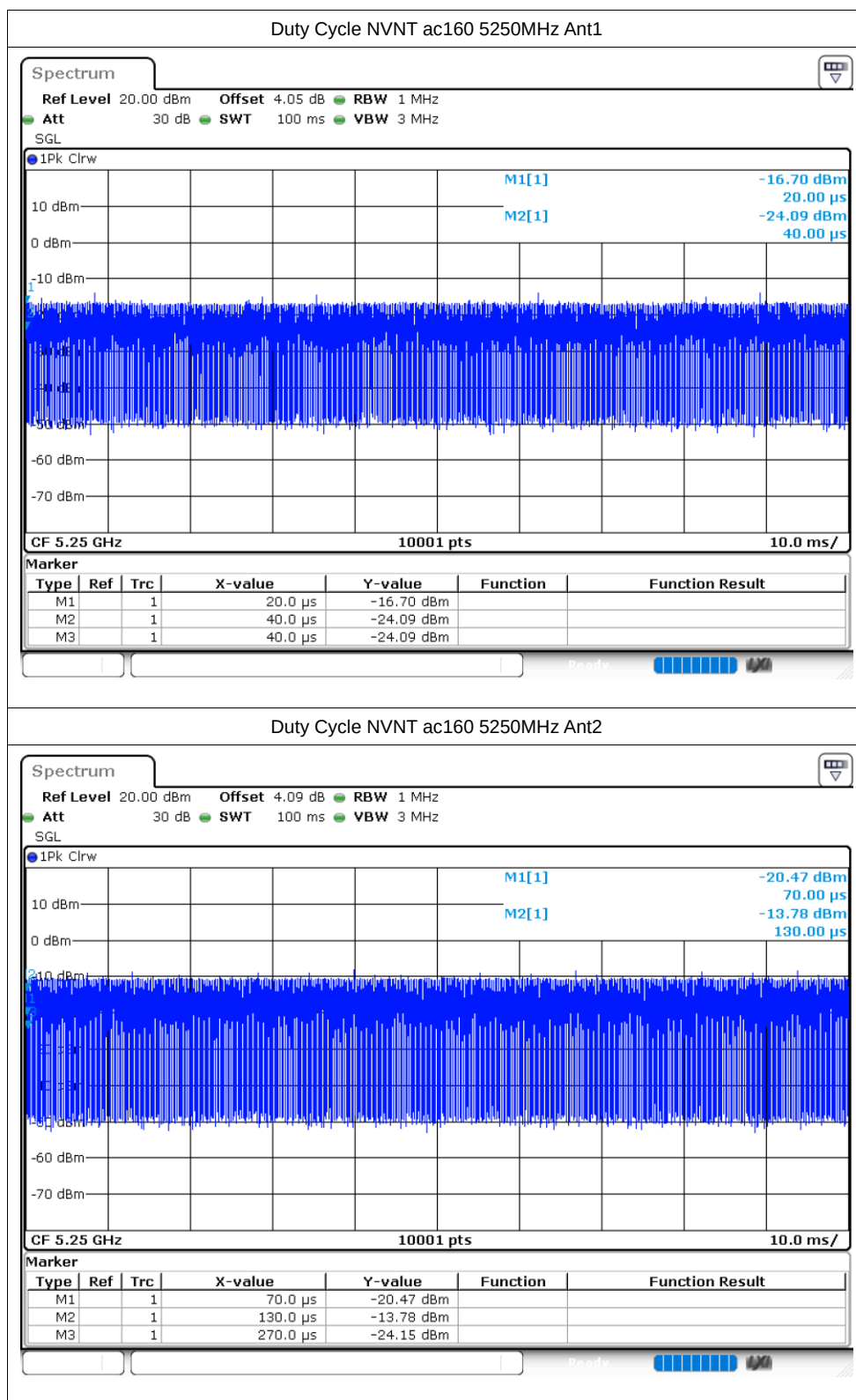


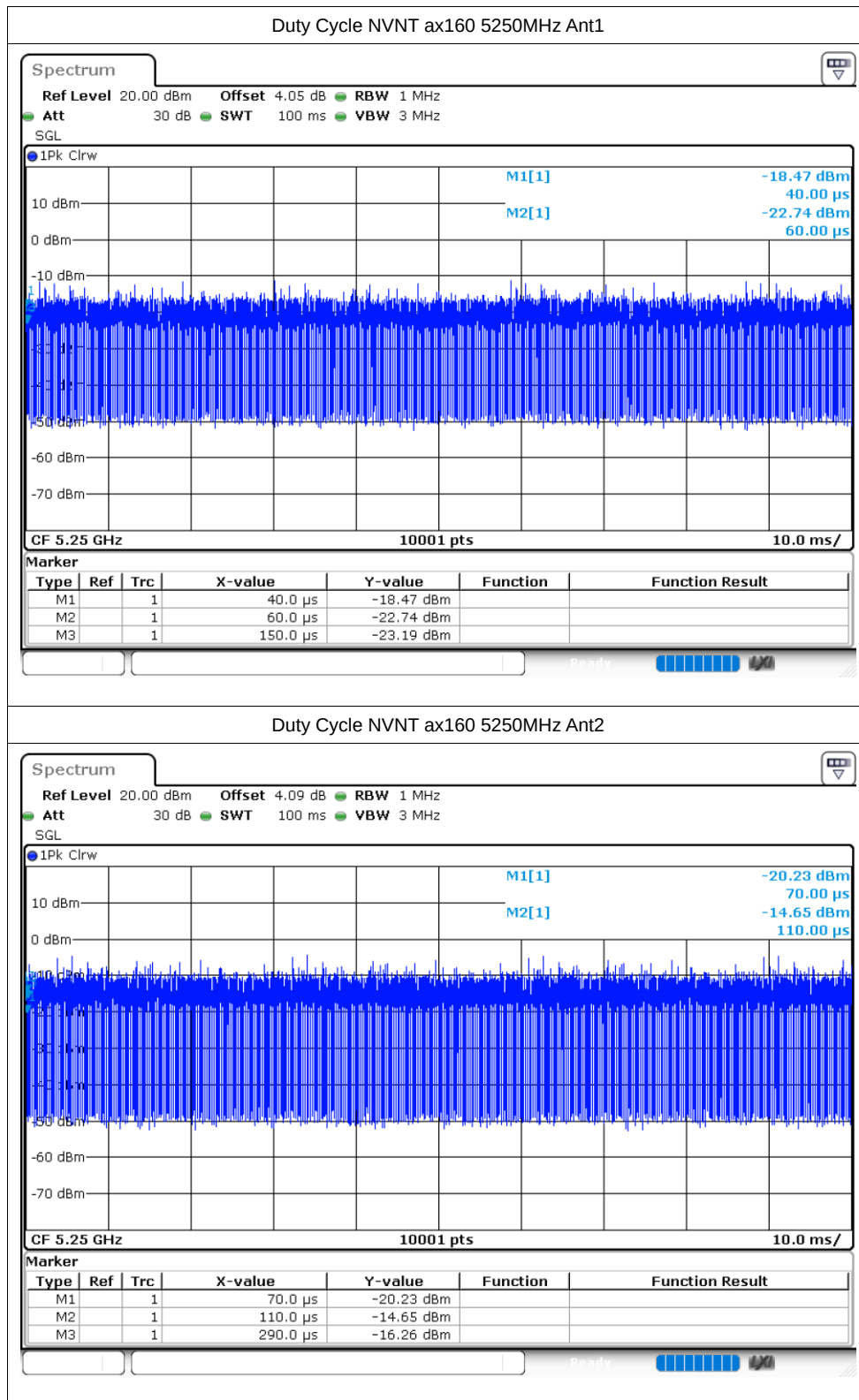


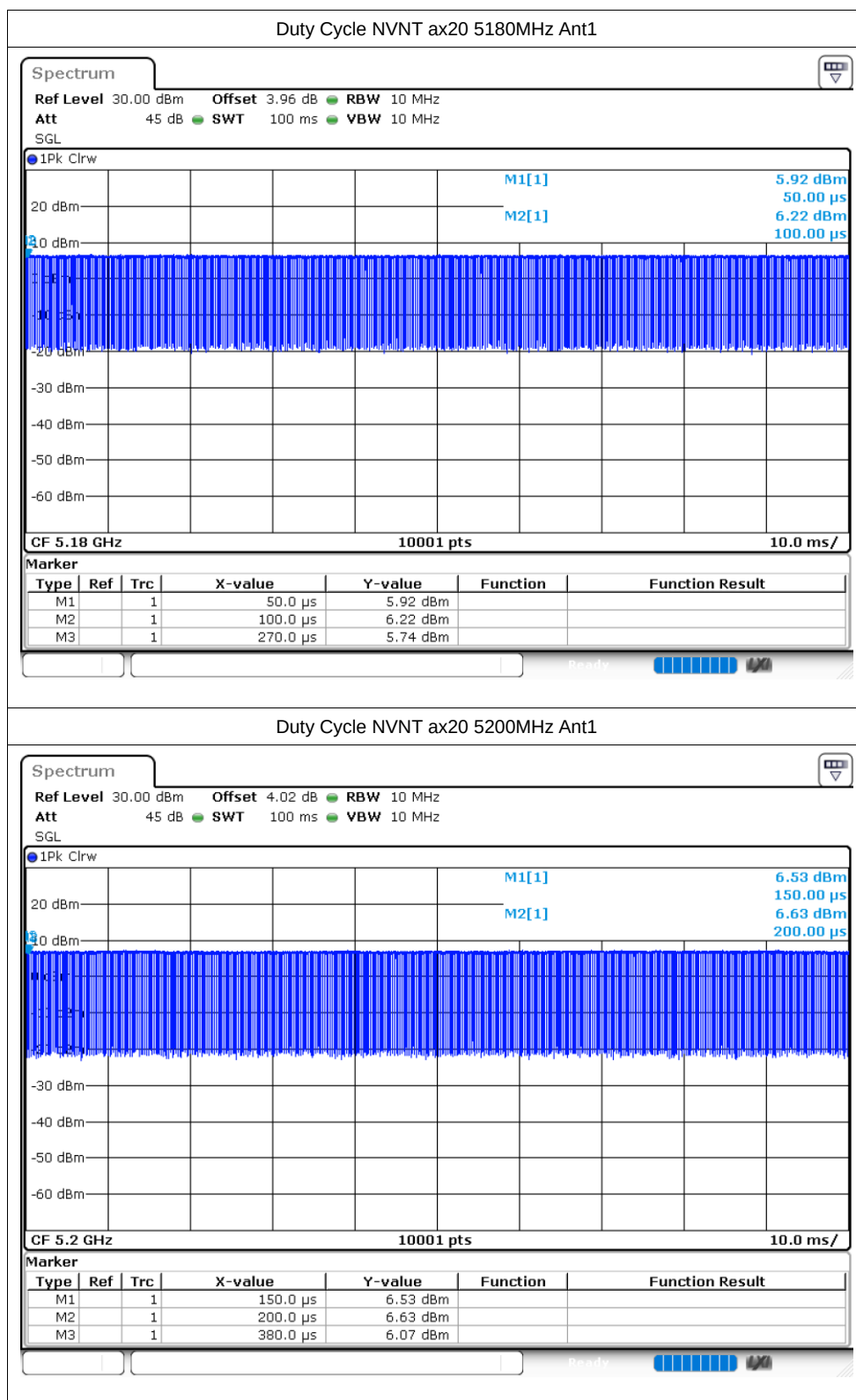


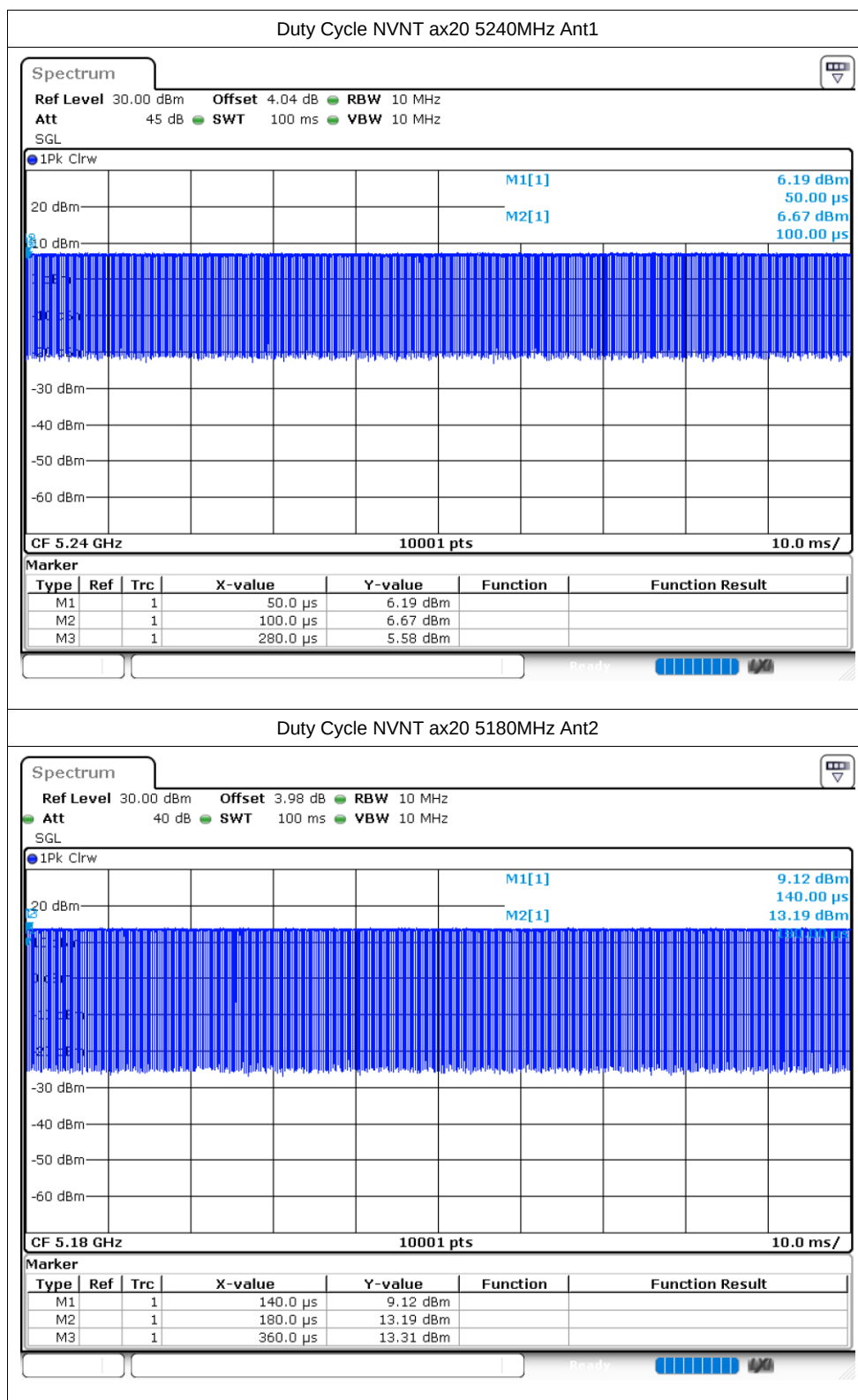


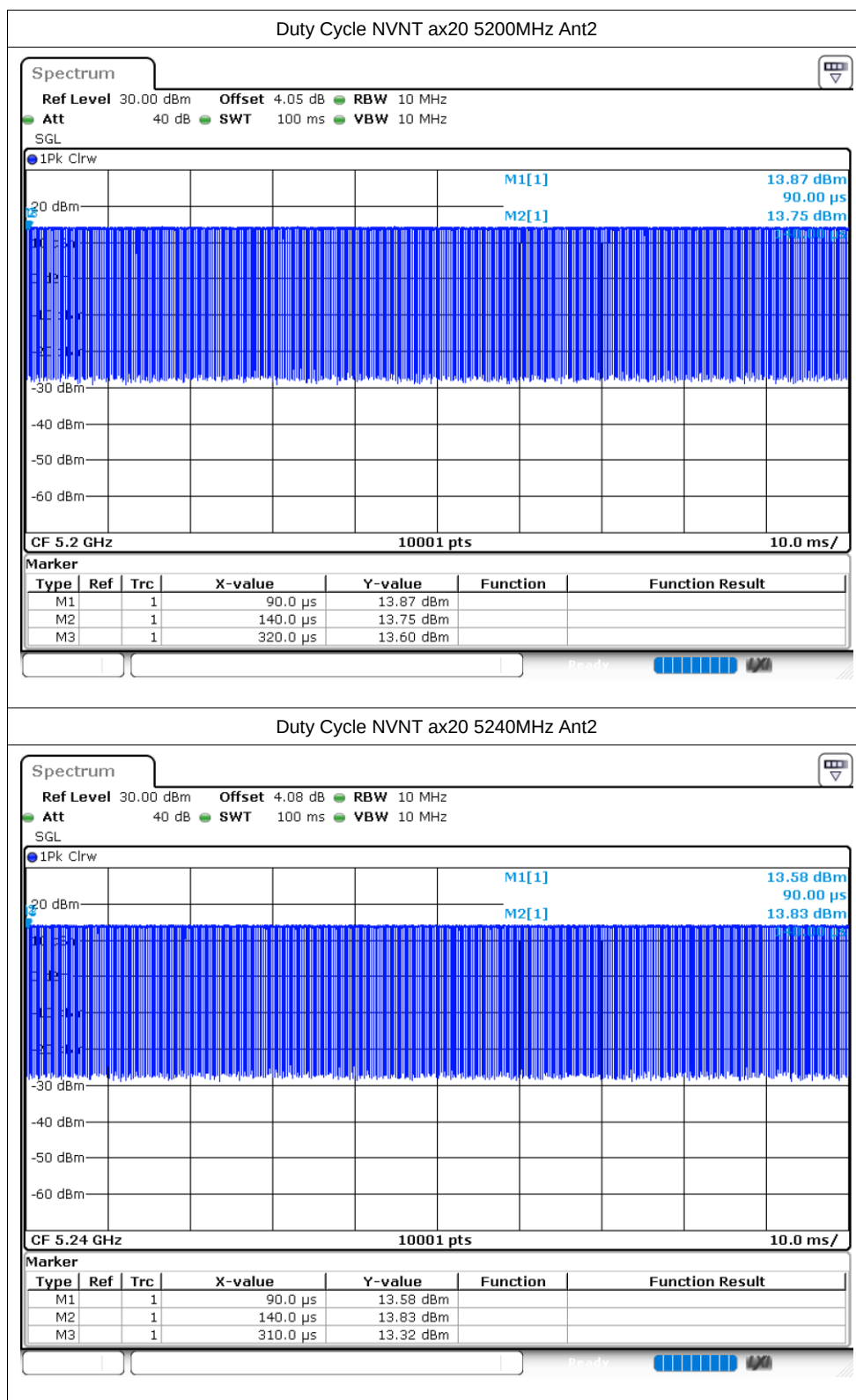


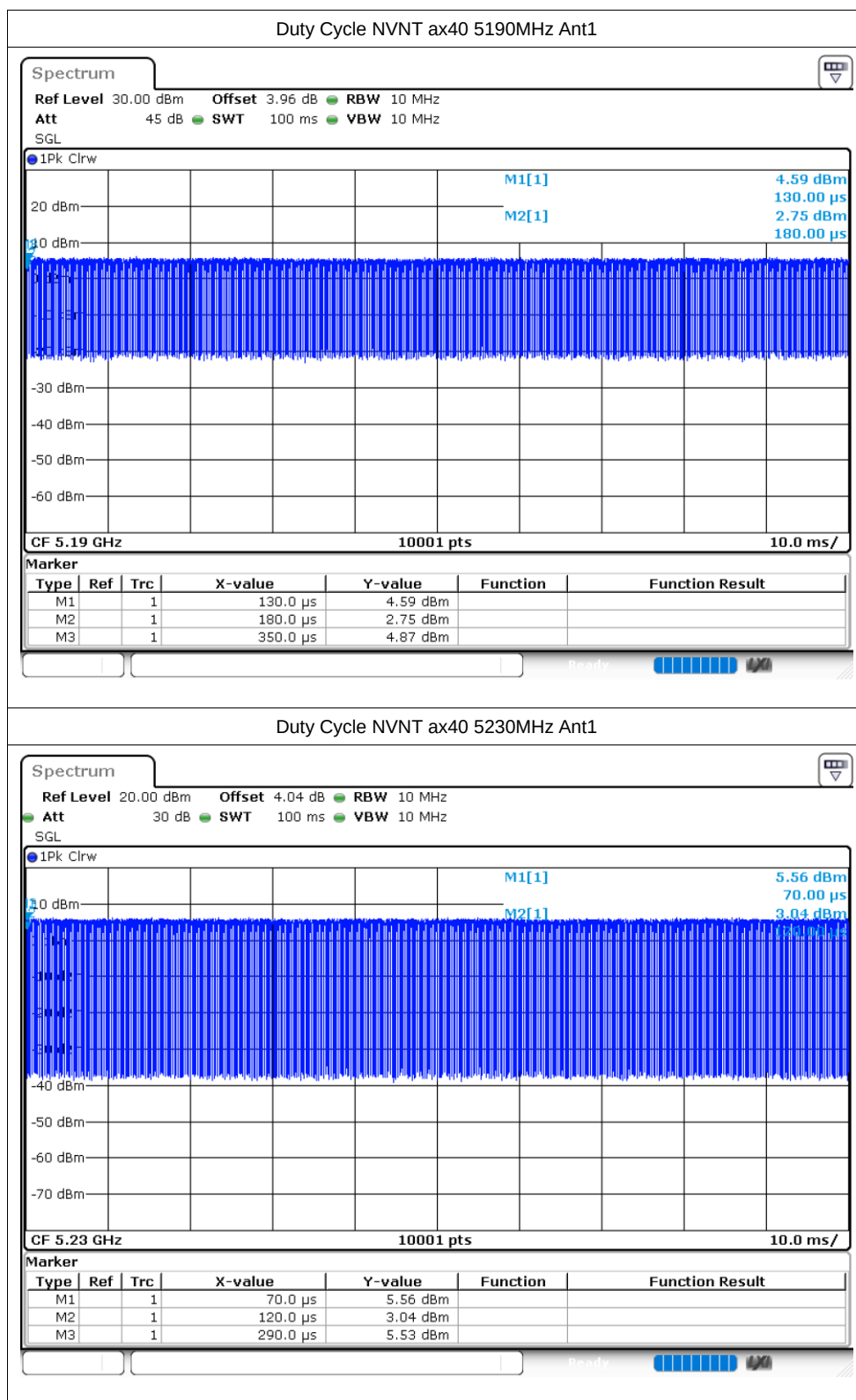


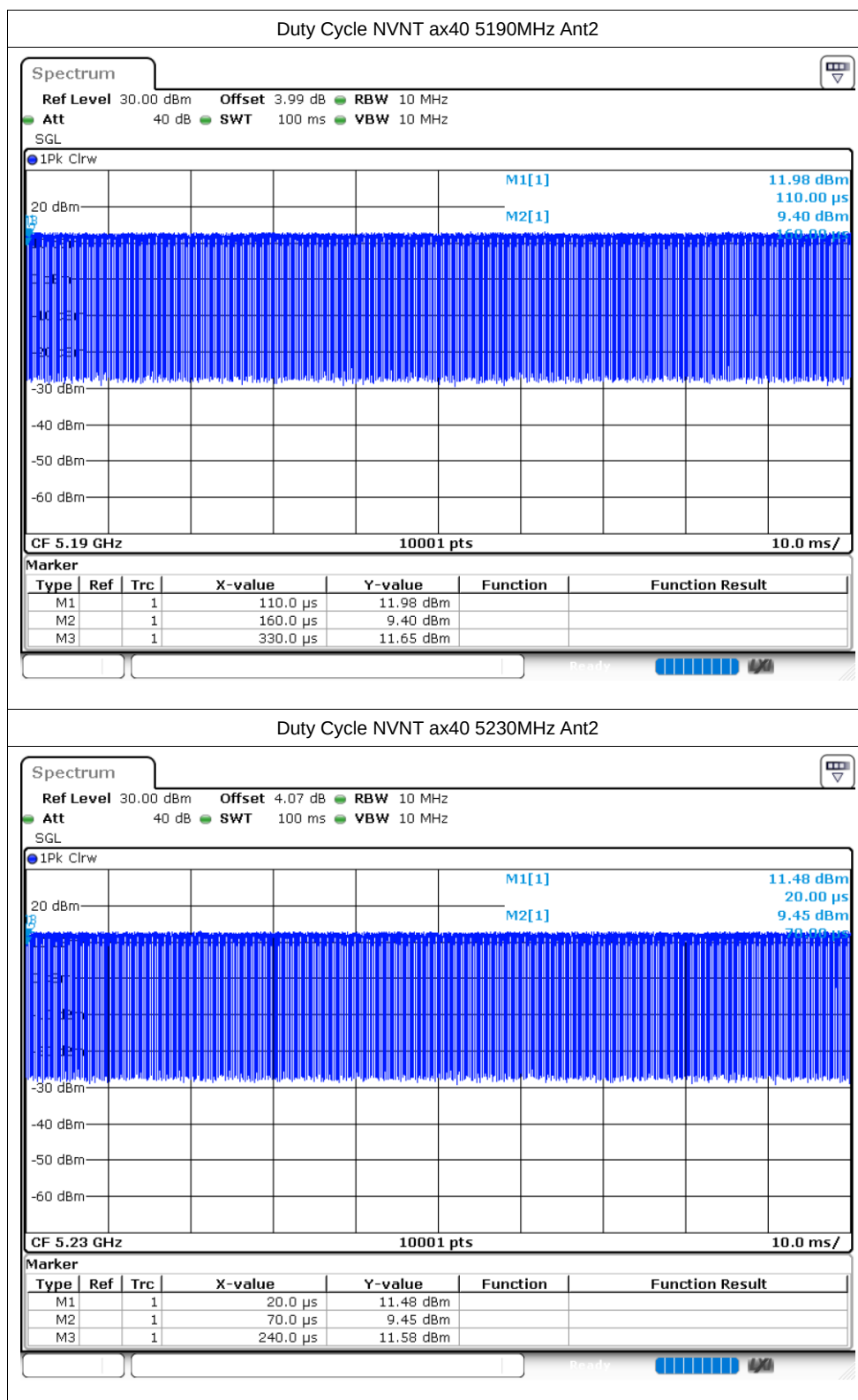


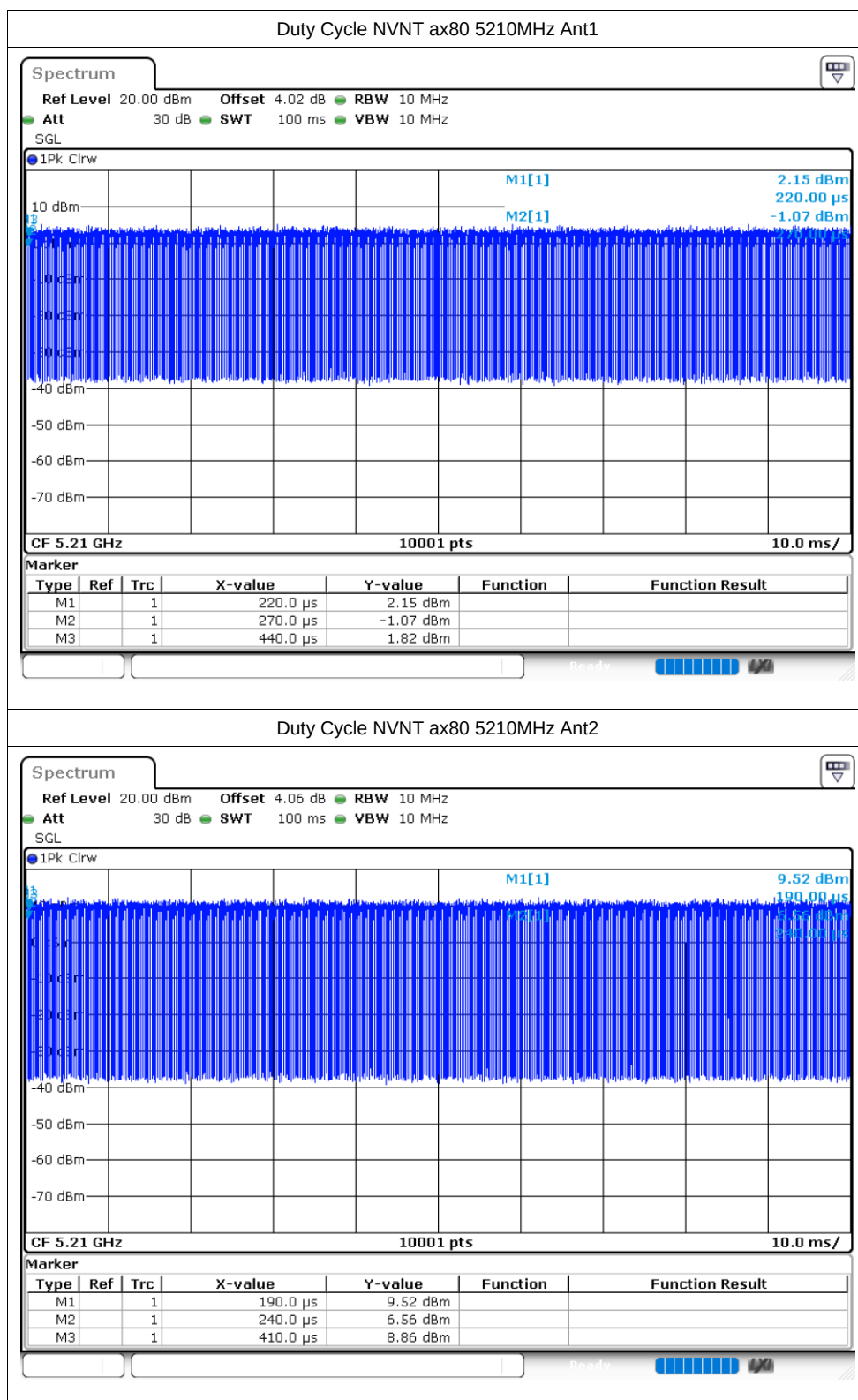












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	5.06	24	Pass
NVNT	a	5200	Ant1	4.78	24	Pass
NVNT	a	5240	Ant1	5.11	24	Pass
NVNT	a	5180	Ant2	12.61	24	Pass
NVNT	a	5200	Ant2	12.75	24	Pass
NVNT	a	5240	Ant2	12.84	24	Pass
NVNT	n20	5180	Ant1	4.9	24	Pass
NVNT	n20	5200	Ant1	5.14	24	Pass
NVNT	n20	5240	Ant1	5.13	24	Pass
NVNT	n20	5180	Ant2	12.57	24	Pass
NVNT	n20	5200	Ant2	12.78	24	Pass
NVNT	n20	5240	Ant2	12.8	24	Pass
NVNT	n40	5190	Ant1	5.4	24	Pass
NVNT	n40	5230	Ant1	5.52	24	Pass
NVNT	n40	5190	Ant2	13.02	24	Pass
NVNT	n40	5230	Ant2	13.1	24	Pass
NVNT	ac20	5180	Ant1	4.82	24	Pass
NVNT	ac20	5200	Ant1	4.9	24	Pass
NVNT	ac20	5240	Ant1	4.94	24	Pass
NVNT	ac20	5180	Ant2	12.59	24	Pass
NVNT	ac20	5200	Ant2	12.74	24	Pass
NVNT	ac20	5240	Ant2	12.78	24	Pass
NVNT	ac40	5190	Ant1	5.33	24	Pass
NVNT	ac40	5230	Ant1	5.58	24	Pass
NVNT	ac40	5190	Ant2	12.9	24	Pass
NVNT	ac40	5230	Ant2	13.01	24	Pass
NVNT	ac80	5210	Ant1	5.11	24	Pass
NVNT	ac80	5210	Ant2	13.1	24	Pass
NVNT	ac160	5250	Ant1	5.46	24	Pass
NVNT	ac160	5250	Ant2	13.14	24	Pass
NVNT	ax160	5250	Ant1	5.48	24	Pass
NVNT	ax160	5250	Ant2	13.12	24	Pass
NVNT	ax20	5180	Ant1	4.87	24	Pass
NVNT	ax20	5200	Ant1	4.69	24	Pass
NVNT	ax20	5240	Ant1	5.32	24	Pass
NVNT	ax20	5180	Ant2	12.66	24	Pass
NVNT	ax20	5200	Ant2	12.86	24	Pass
NVNT	ax20	5240	Ant2	12.89	24	Pass
NVNT	ax40	5190	Ant1	4.94	24	Pass
NVNT	ax40	5230	Ant1	5.22	24	Pass
NVNT	ax40	5190	Ant2	12.7	24	Pass
NVNT	ax40	5230	Ant2	12.78	24	Pass
NVNT	ax80	5210	Ant1	4.98	24	Pass
NVNT	ax80	5210	Ant2	12.79	24	Pass

Note: The average power contains duty cycle

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	22.53	Pass
NVNT	a	5200	Ant1	22.707	Pass
NVNT	a	5240	Ant1	22.524	Pass
NVNT	a	5180	Ant2	22.503	Pass
NVNT	a	5200	Ant2	23.334	Pass
NVNT	a	5240	Ant2	23.847	Pass
NVNT	n20	5180	Ant1	23.349	Pass
NVNT	n20	5200	Ant1	22.503	Pass
NVNT	n20	5240	Ant1	22.845	Pass
NVNT	n20	5180	Ant2	22.479	Pass
NVNT	n20	5200	Ant2	23.685	Pass
NVNT	n20	5240	Ant2	22.656	Pass
NVNT	n40	5190	Ant1	43.626	Pass
NVNT	n40	5230	Ant1	44.37	Pass
NVNT	n40	5190	Ant2	44.274	Pass
NVNT	n40	5230	Ant2	44.376	Pass
NVNT	ac20	5180	Ant1	22.839	Pass
NVNT	ac20	5200	Ant1	23.271	Pass
NVNT	ac20	5240	Ant1	23.235	Pass
NVNT	ac20	5180	Ant2	23.079	Pass
NVNT	ac20	5200	Ant2	23.115	Pass
NVNT	ac20	5240	Ant2	23.415	Pass
NVNT	ac40	5190	Ant1	44.1	Pass
NVNT	ac40	5230	Ant1	43.404	Pass
NVNT	ac40	5190	Ant2	43.614	Pass
NVNT	ac40	5230	Ant2	42.66	Pass
NVNT	ac80	5210	Ant1	85.584	Pass
NVNT	ac80	5210	Ant2	85.092	Pass
NVNT	ac160	5250	Ant1	158.616	Pass
NVNT	ac160	5250	Ant2	159.576	Pass
NVNT	ax160	5250	Ant1	159.912	Pass
NVNT	ax160	5250	Ant2	160.416	Pass
NVNT	ax20	5180	Ant1	24.537	Pass
NVNT	ax20	5200	Ant1	23.898	Pass
NVNT	ax20	5240	Ant1	23.853	Pass
NVNT	ax20	5180	Ant2	23.508	Pass
NVNT	ax20	5200	Ant2	21.945	Pass
NVNT	ax20	5240	Ant2	22.503	Pass
NVNT	ax40	5190	Ant1	42.534	Pass
NVNT	ax40	5230	Ant1	41.958	Pass
NVNT	ax40	5190	Ant2	41.676	Pass

NVNT	ax40	5230	Ant2	41.718	Pass
NVNT	ax80	5210	Ant1	82.524	Pass
NVNT	ax80	5210	Ant2	82.992	Pass

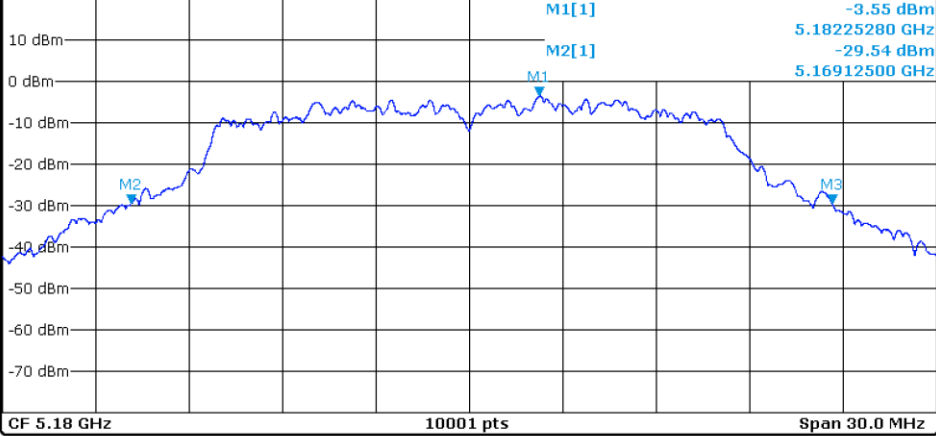
Test Graphs

-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

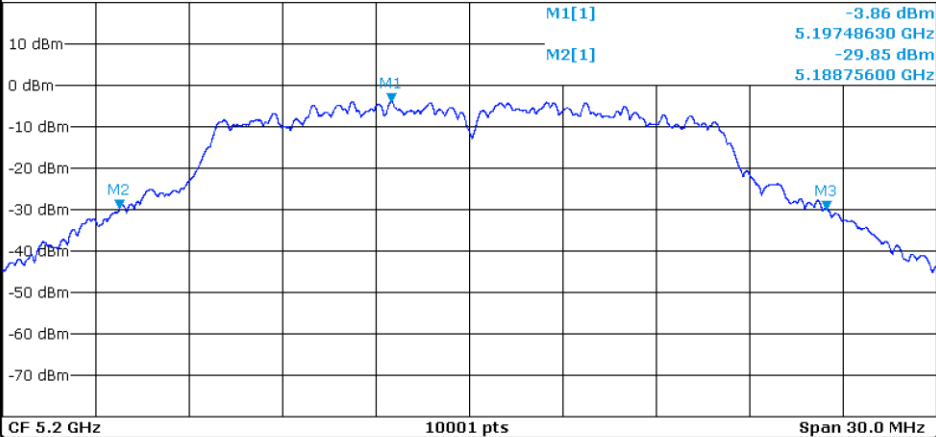
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1822528 GHz	-3.55 dBm		
M2		1	5.169125 GHz	-29.54 dBm		
M3		1	5.191655 GHz	-29.56 dBm		

-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	5.1974863 GHz	-3.86 dBm		
M2		1	5.188756 GHz	-29.85 dBm		
M3		1	5.211463 GHz	-29.86 dBm		

