

Test data attachment for WLAN 5.2G

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Duty Cycle

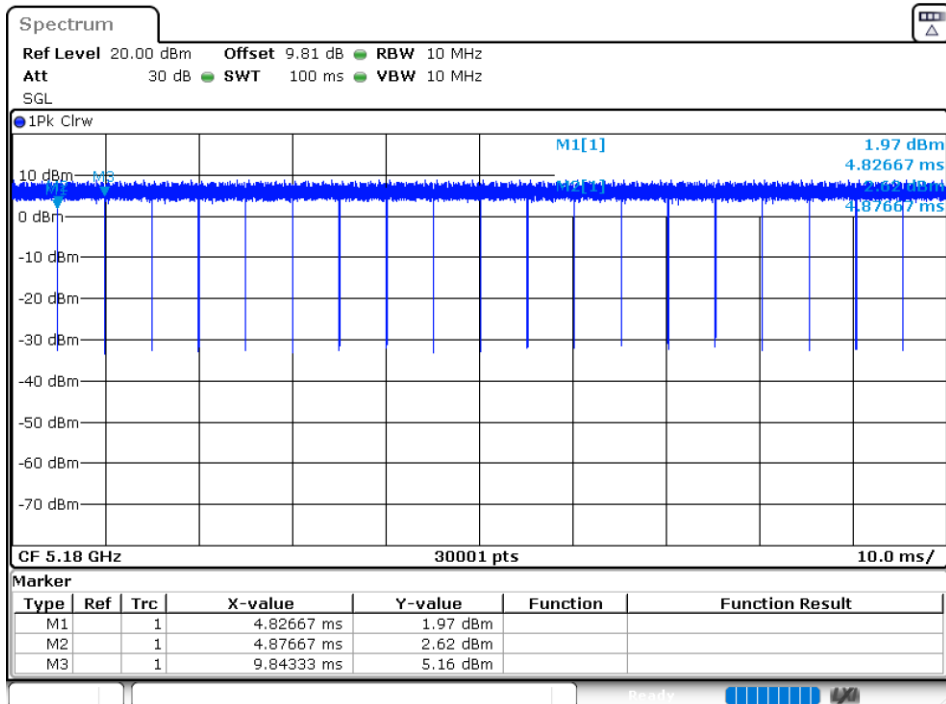
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac20	5180	Ant1	98.93	0.05	0.2
NVNT	ac20	5200	Ant1	98.9	0.05	0.2
NVNT	ac20	5240	Ant1	98.82	0.05	0.2
NVNT	ac20	5180	Ant2	98.8	0.05	0.2
NVNT	ac20	5200	Ant2	98.95	0.05	0.2
NVNT	ac20	5240	Ant2	98.87	0.05	0.2
NVNT	ac20	5180	Ant3	98.88	0.05	0.2
NVNT	ac20	5200	Ant3	98.79	0.05	0.2
NVNT	ac20	5240	Ant3	98.88	0.05	0.2
NVNT	ac20	5180	Ant4	98.9	0.05	0.2
NVNT	ac20	5200	Ant4	98.94	0.05	0.2
NVNT	ac20	5240	Ant4	98.92	0.05	0.2
NVNT	ac40	5190	Ant1	97.7	0.1	0.41
NVNT	ac40	5230	Ant1	97.63	0.1	0.41
NVNT	ac40	5190	Ant2	93.62	0.29	100
NVNT	ac40	5230	Ant2	92.82	0.32	33.33
NVNT	ac40	5190	Ant3	96.28	0.16	100
NVNT	ac40	5230	Ant3	96.58	0.15	75
NVNT	ac40	5190	Ant4	97.11	0.13	100
NVNT	ac40	5230	Ant4	96.72	0.14	100
NVNT	ac80	5210	Ant1	83.32	0.79	27.27
NVNT	ac80	5210	Ant2	95.22	0.21	0.88
NVNT	ac80	5210	Ant3	95.23	0.21	0.88
NVNT	ac80	5210	Ant4	95.26	0.21	0.88
NVNT	ac160	5250	Ant1	91.42	0.39	1.7
NVNT	ac160	5250	Ant2	91.32	0.39	1.7
NVNT	ac160	5250	Ant3	91.31	0.39	1.7
NVNT	ac160	5250	Ant4	91.42	0.39	1.71
NVNT	ax160	5250	Ant1	90.51	0.43	1.89
NVNT	ax160	5250	Ant2	90.34	0.44	1.89
NVNT	ax160	5250	Ant3	90.42	0.44	1.89
NVNT	ax160	5250	Ant4	90.57	0.43	1.89
NVNT	ax20	5180	Ant1	98.69	0.06	0.25
NVNT	ax20	5200	Ant1	98.54	0.06	0.25
NVNT	ax20	5240	Ant1	98.56	0.06	0.25
NVNT	ax20	5180	Ant2	98.54	0.06	0.25
NVNT	ax20	5200	Ant2	98.58	0.06	0.25
NVNT	ax20	5240	Ant2	98.52	0.06	0.25
NVNT	ax20	5180	Ant3	98.49	0.07	0.25
NVNT	ax20	5200	Ant3	98.52	0.06	0.25

NVNT	ax20	5240	Ant3	98.57	0.06	0.25
NVNT	ax20	5180	Ant4	98.55	0.06	0.25
NVNT	ax20	5200	Ant4	98.64	0.06	0.25
NVNT	ax20	5240	Ant4	98.56	0.06	0.25
NVNT	ax40	5190	Ant1	97.09	0.13	0.49
NVNT	ax40	5230	Ant1	97.21	0.12	0.49
NVNT	ax40	5190	Ant2	87.57	0.58	150
NVNT	ax40	5230	Ant2	89.18	0.5	60
NVNT	ax40	5190	Ant3	93.37	0.3	27.27
NVNT	ax40	5230	Ant3	94.4	0.25	7.32
NVNT	ax40	5190	Ant4	96.37	0.16	42.86
NVNT	ax40	5230	Ant4	96.3	0.16	2.65
NVNT	ax80	5210	Ant1	87.6	0.58	30
NVNT	ax80	5210	Ant2	94.71	0.24	1
NVNT	ax80	5210	Ant3	94.62	0.24	1
NVNT	ax80	5210	Ant4	94.64	0.24	1
NVNT	ac20	5180	Ant5	98.81	0.05	0.2
NVNT	ac20	5200	Ant5	98.81	0.05	0.2
NVNT	ac20	5240	Ant5	98.88	0.05	0.2
NVNT	ac20	5180	Ant6	98.91	0.05	0.2
NVNT	ac20	5200	Ant6	98.89	0.05	0.2
NVNT	ac20	5240	Ant6	98.87	0.05	0.2
NVNT	ac20	5180	Ant7	98.88	0.05	0.2
NVNT	ac20	5200	Ant7	98.86	0.05	0.2
NVNT	ac20	5240	Ant7	98.9	0.05	0.2
NVNT	ac20	5180	Ant8	98.86	0.05	0.2
NVNT	ac20	5200	Ant8	98.86	0.05	0.2
NVNT	ac20	5240	Ant8	98.9	0.05	0.2
NVNT	ac40	5190	Ant5	97.73	0.1	0.41
NVNT	ac40	5230	Ant5	97.67	0.1	0.41
NVNT	ac40	5190	Ant6	97.8	0.1	0.41
NVNT	ac40	5230	Ant6	97.65	0.1	0.41
NVNT	ac40	5190	Ant7	97.66	0.1	0.41
NVNT	ac40	5230	Ant7	97.61	0.11	0.41
NVNT	ac40	5190	Ant8	97.67	0.1	0.41
NVNT	ac40	5230	Ant8	97.67	0.1	0.41
NVNT	ac80	5210	Ant5	94.49	0.25	60
NVNT	ac80	5210	Ant6	94.31	0.25	0.89
NVNT	ac80	5210	Ant7	94.54	0.24	0.89
NVNT	ac80	5210	Ant8	94.43	0.25	0.89
NVNT	ac160	5250	Ant5	91.33	0.39	1.7
NVNT	ac160	5250	Ant6	91.37	0.39	1.7
NVNT	ac160	5250	Ant7	91.59	0.38	1.7
NVNT	ac160	5250	Ant8	91.35	0.39	1.71

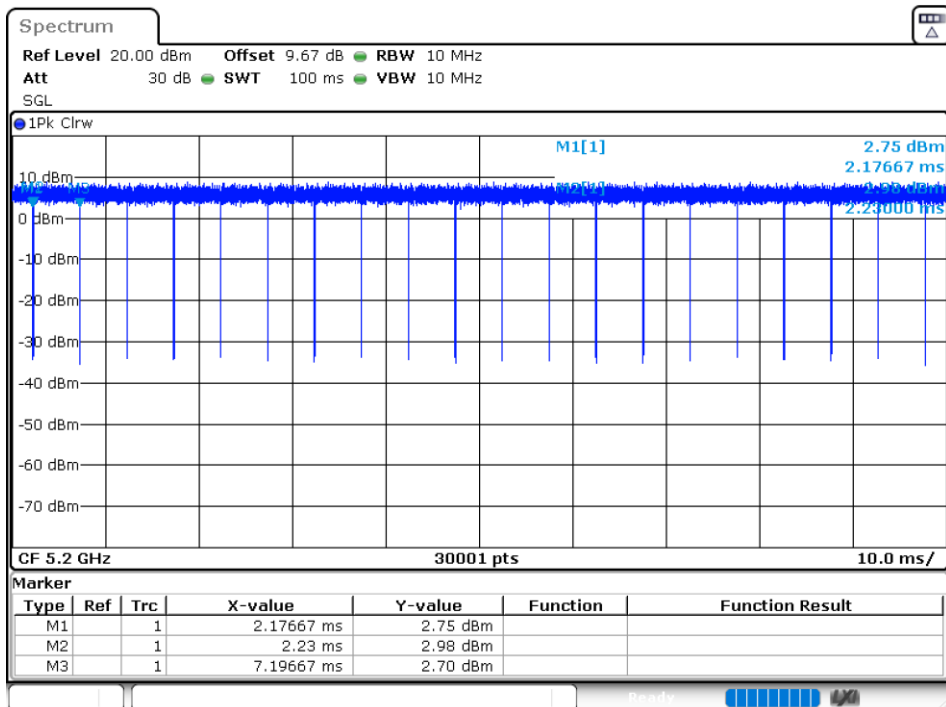
NVNT	ax160	5250	Ant5	90.51	0.43	1.89
NVNT	ax160	5250	Ant6	90.37	0.44	1.89
NVNT	ax160	5250	Ant7	90.5	0.43	1.89
NVNT	ax160	5250	Ant8	90.68	0.43	1.89
NVNT	ax20	5180	Ant5	98.5	0.07	0.25
NVNT	ax20	5200	Ant5	98.62	0.06	0.25
NVNT	ax20	5240	Ant5	98.57	0.06	0.25
NVNT	ax20	5180	Ant6	98.68	0.06	0.25
NVNT	ax20	5200	Ant6	98.56	0.06	0.25
NVNT	ax20	5240	Ant6	98.68	0.06	0.25
NVNT	ax20	5180	Ant7	98.52	0.06	0.25
NVNT	ax20	5200	Ant7	98.59	0.06	0.25
NVNT	ax20	5240	Ant7	98.53	0.06	0.25
NVNT	ax20	5180	Ant8	98.52	0.06	0.25
NVNT	ax20	5200	Ant8	98.52	0.06	0.25
NVNT	ax20	5240	Ant8	98.6	0.06	0.25
NVNT	ax40	5190	Ant5	97.35	0.12	0.49
NVNT	ax40	5230	Ant5	97.3	0.12	0.49
NVNT	ax40	5190	Ant6	97.34	0.12	0.49
NVNT	ax40	5230	Ant6	97.34	0.12	0.49
NVNT	ax40	5190	Ant7	97.21	0.12	0.49
NVNT	ax40	5230	Ant7	97.34	0.12	0.49
NVNT	ax40	5190	Ant8	97.26	0.12	0.49
NVNT	ax40	5230	Ant8	97.28	0.12	0.49
NVNT	ax80	5210	Ant5	93.86	0.28	1.01
NVNT	ax80	5210	Ant6	93.71	0.28	1.13
NVNT	ax80	5210	Ant7	93.78	0.28	10
NVNT	ax80	5210	Ant8	93.83	0.28	1.04

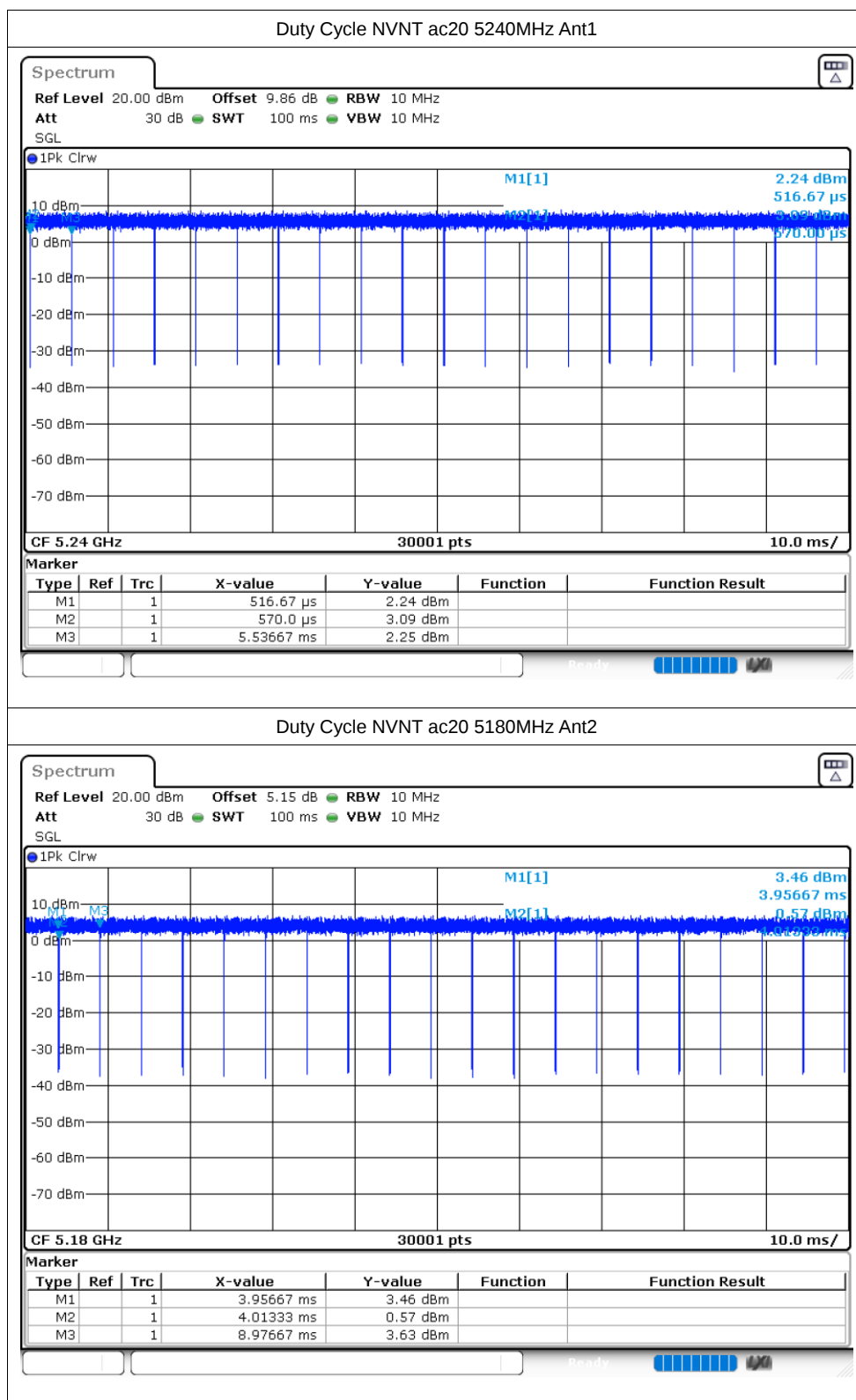
Test Graphs

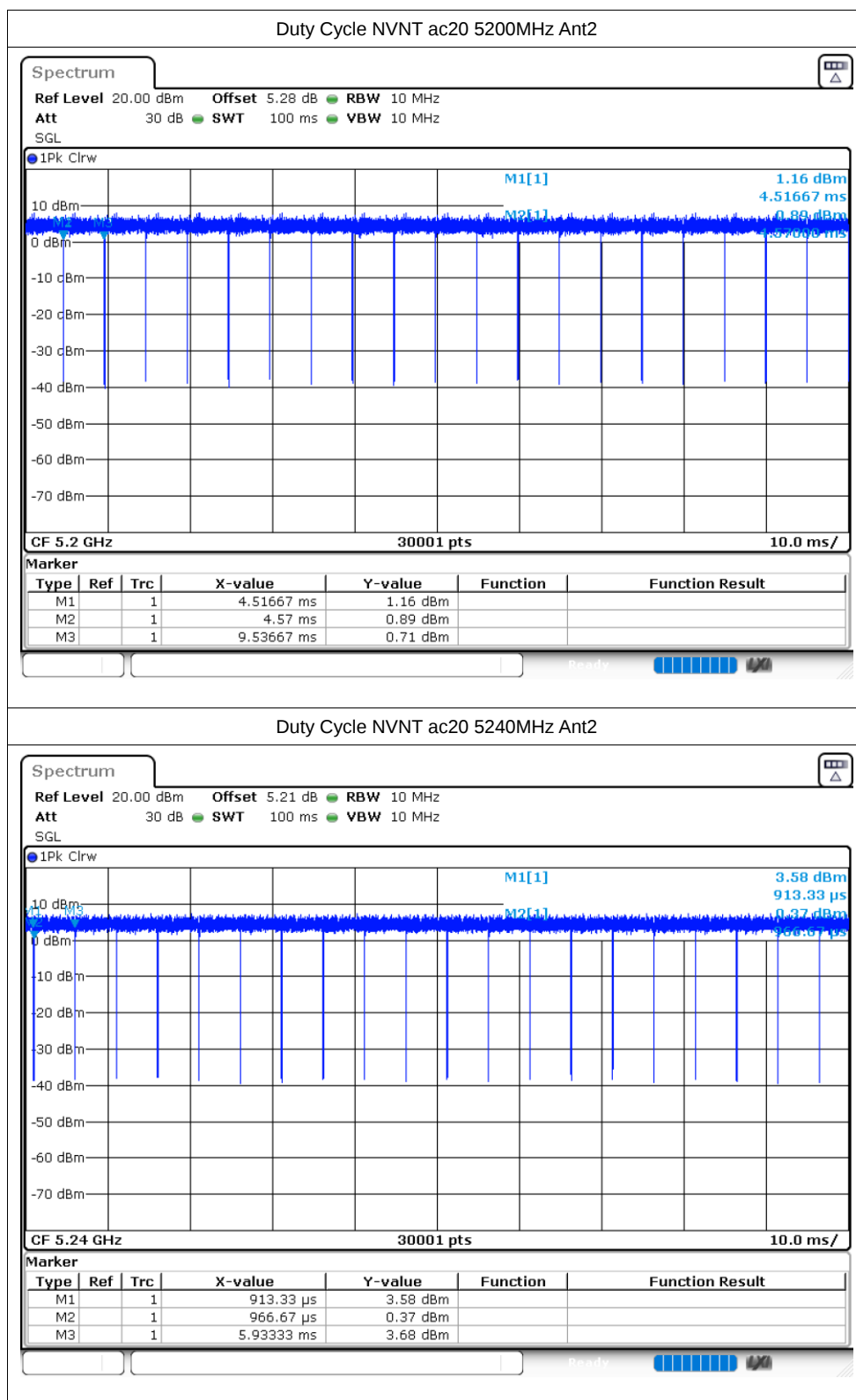
Duty Cycle NVNT ac20 5180MHz Ant1

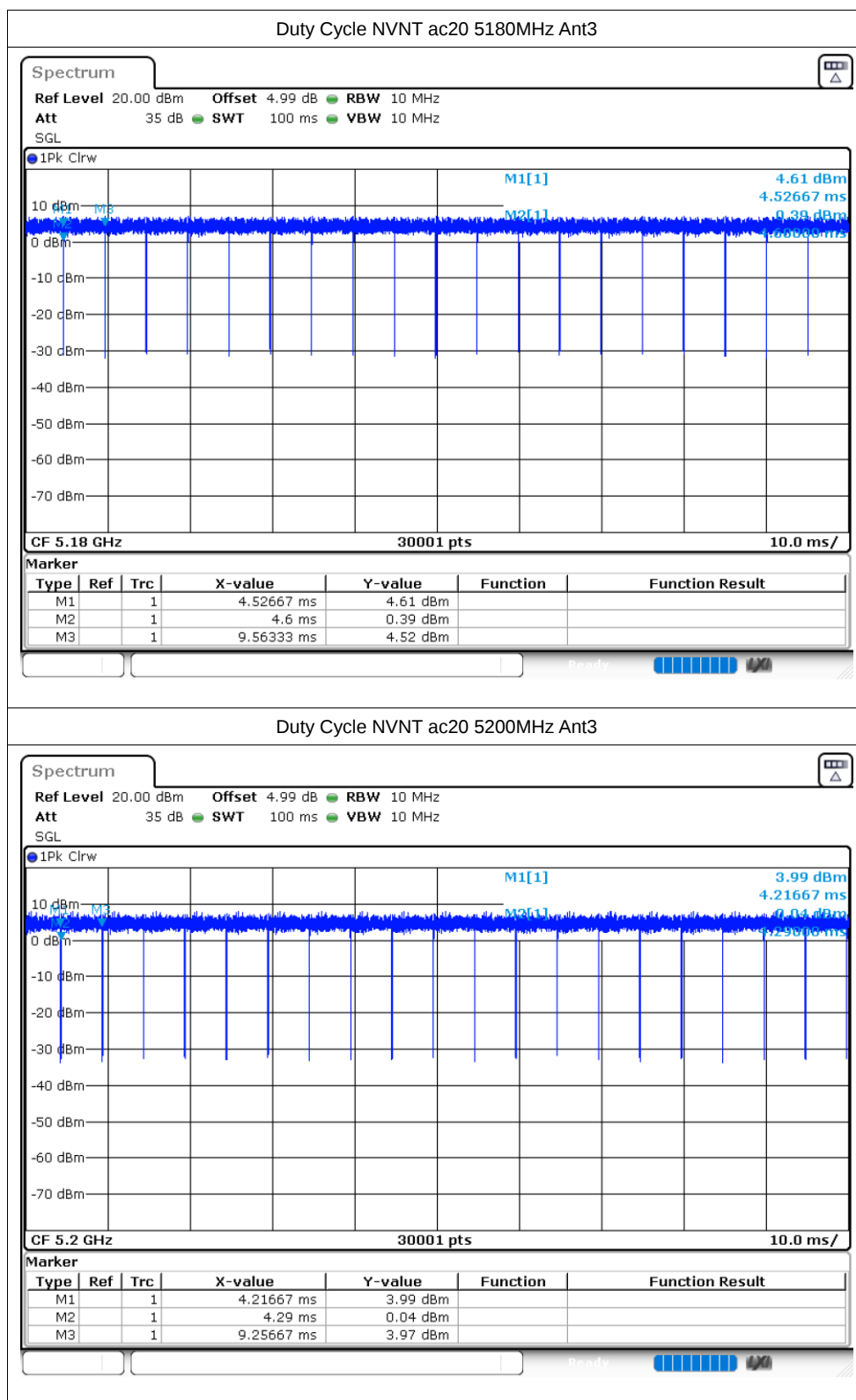


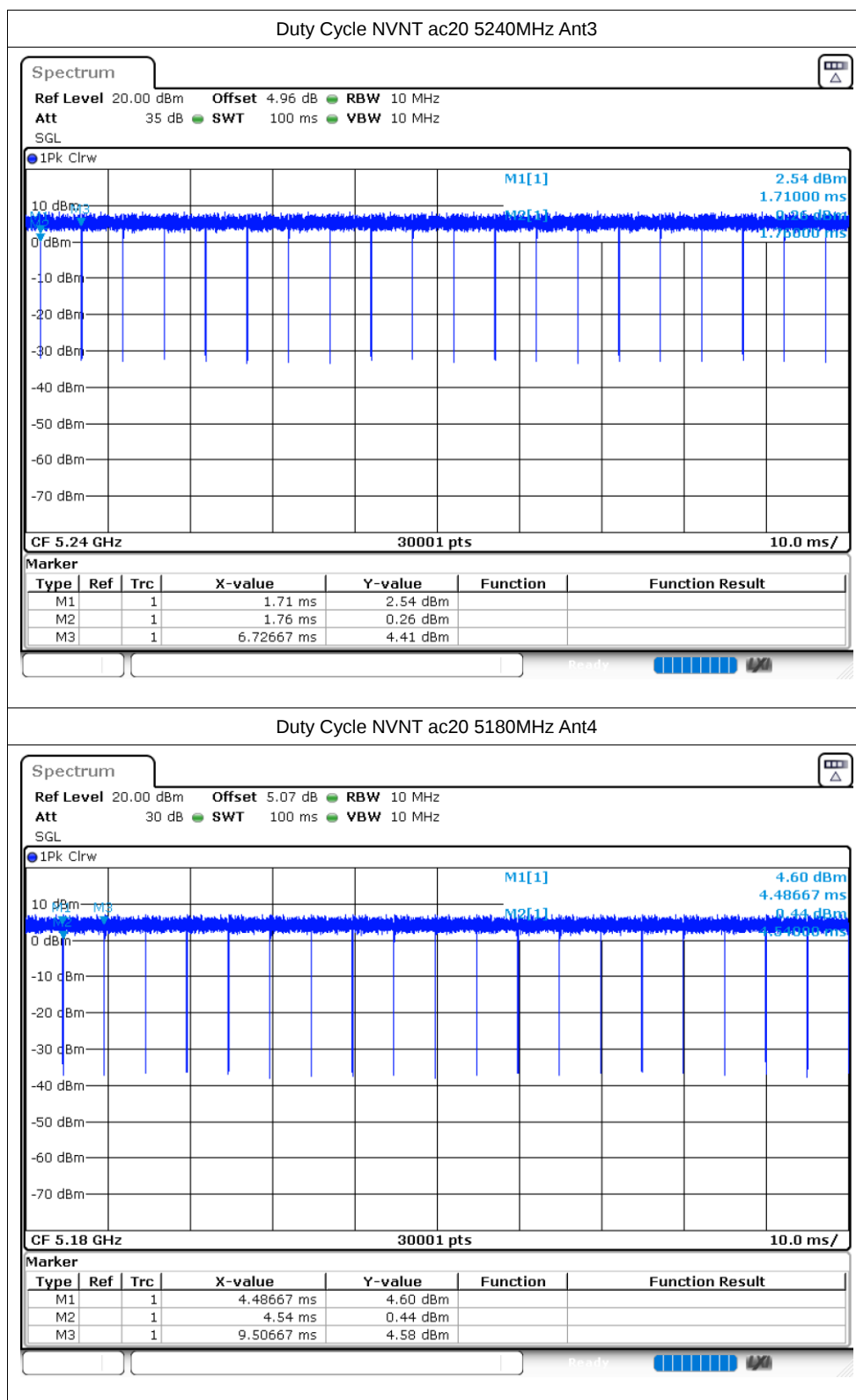
Duty Cycle NVNT ac20 5200MHz Ant1

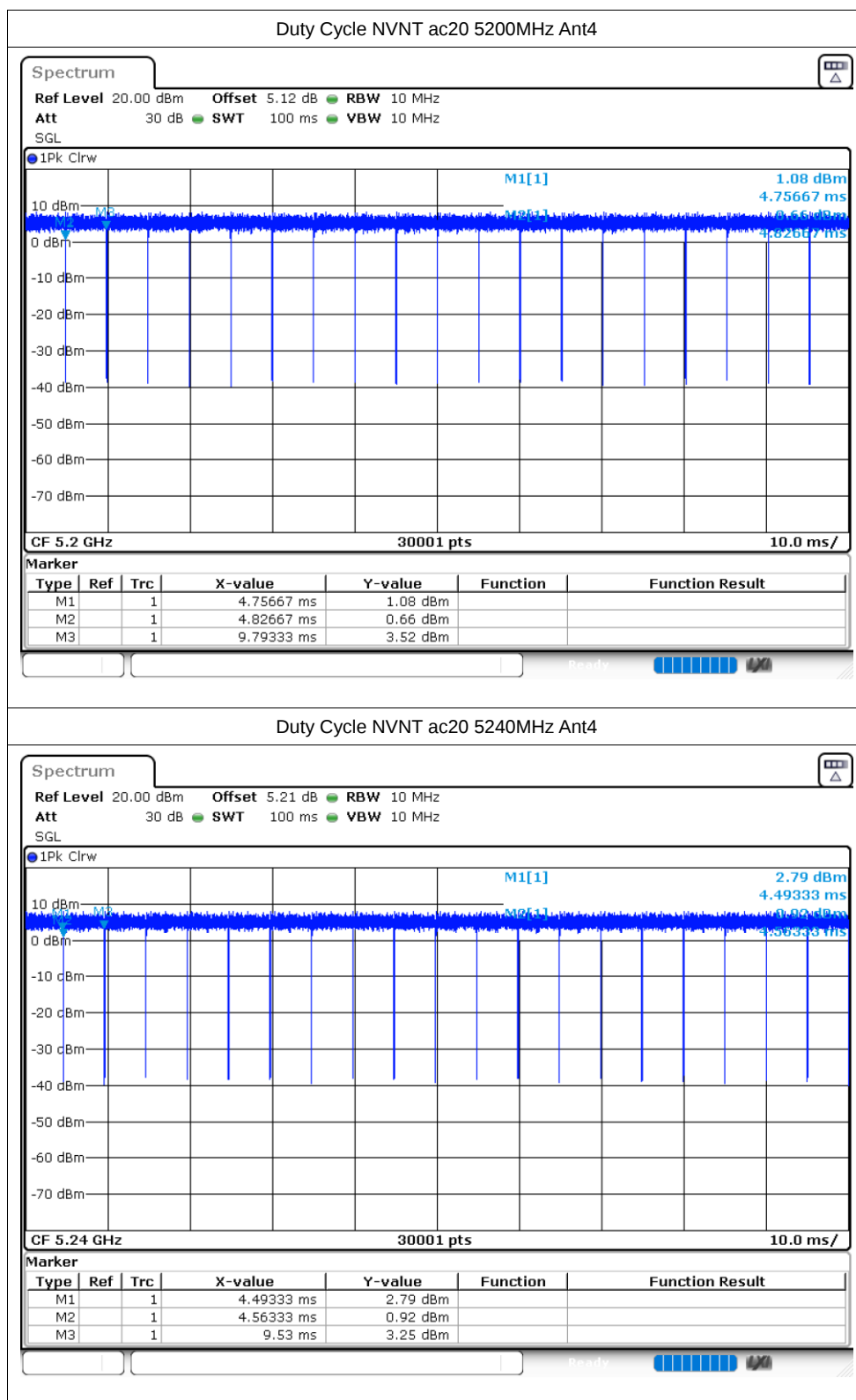


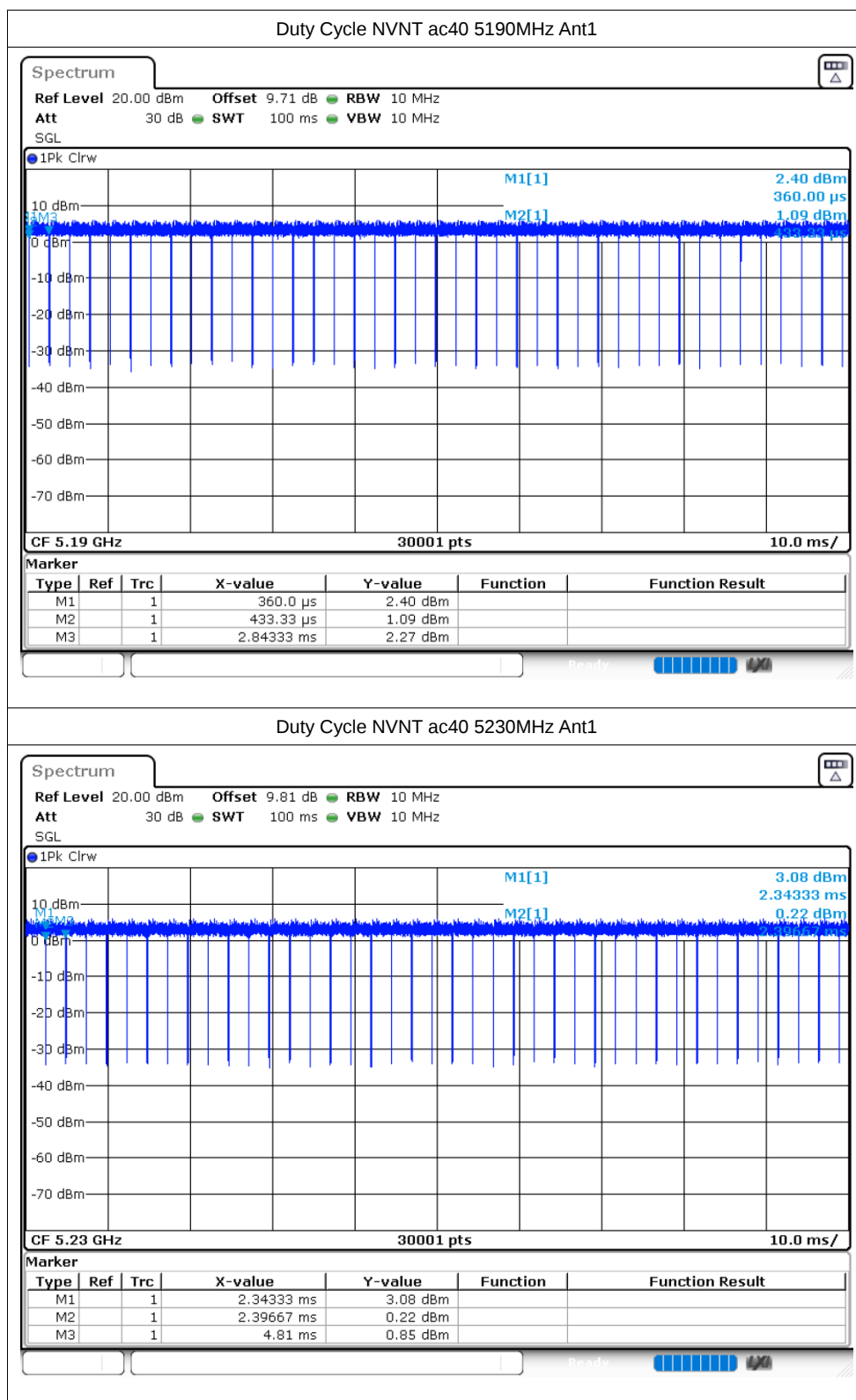


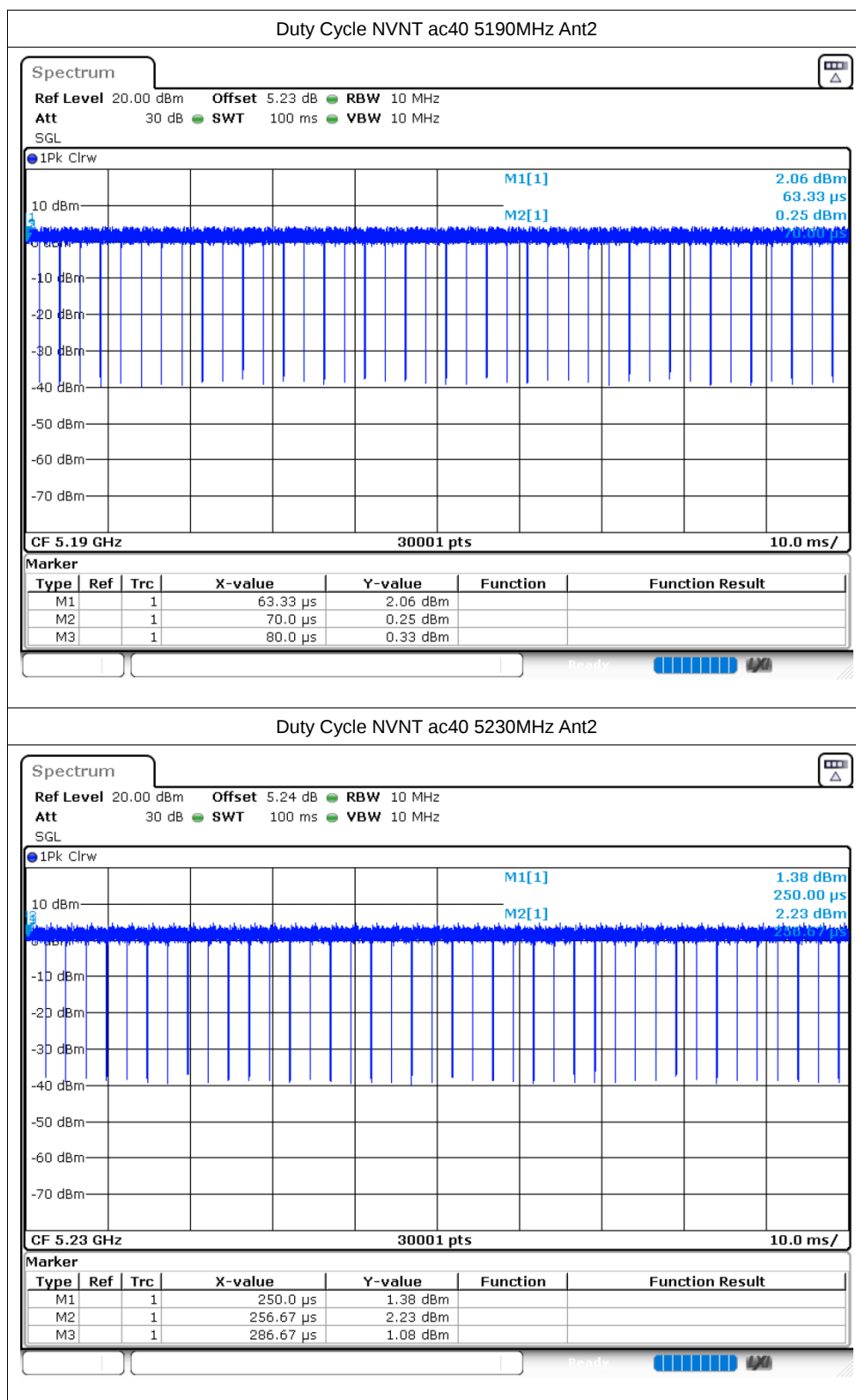


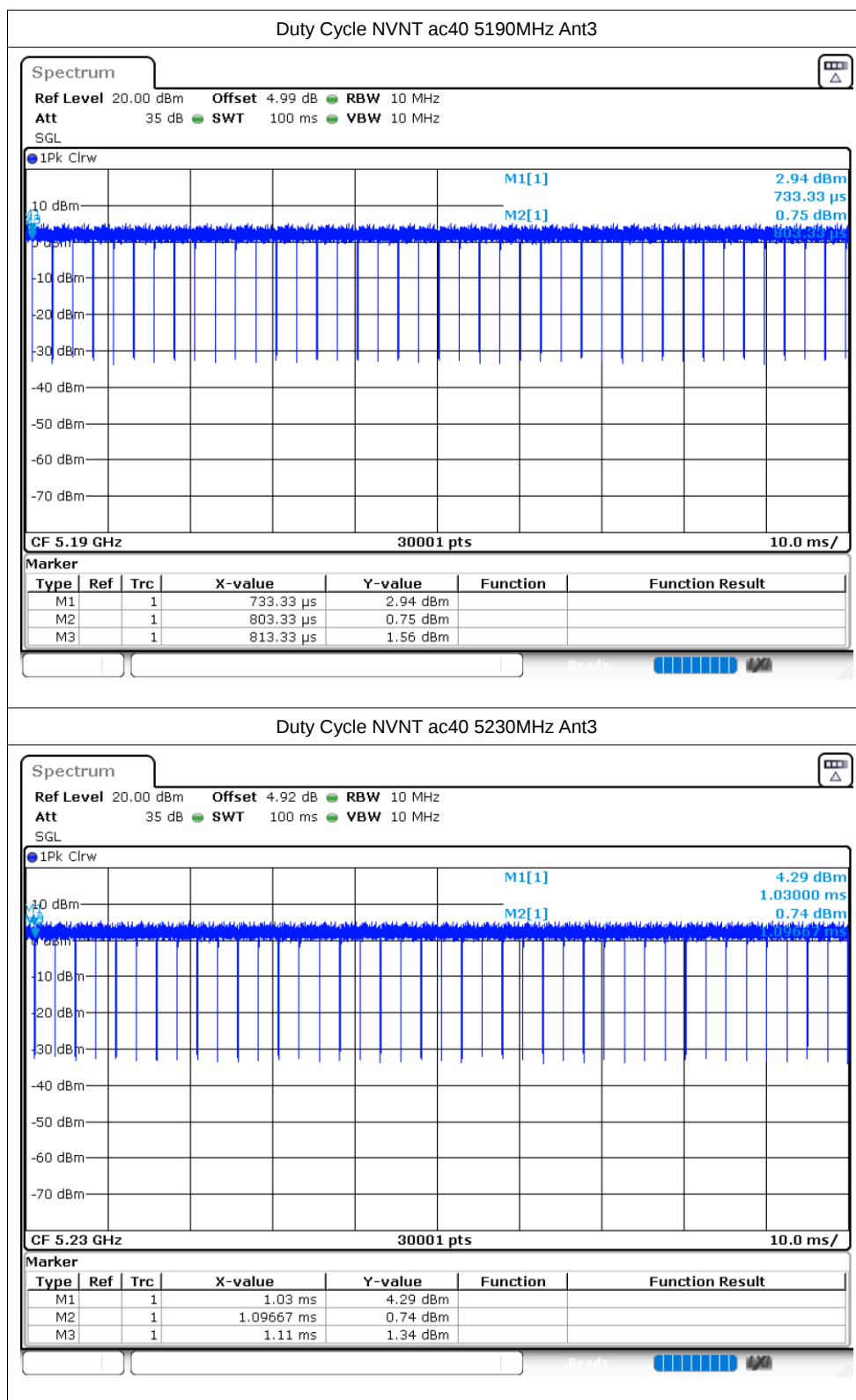


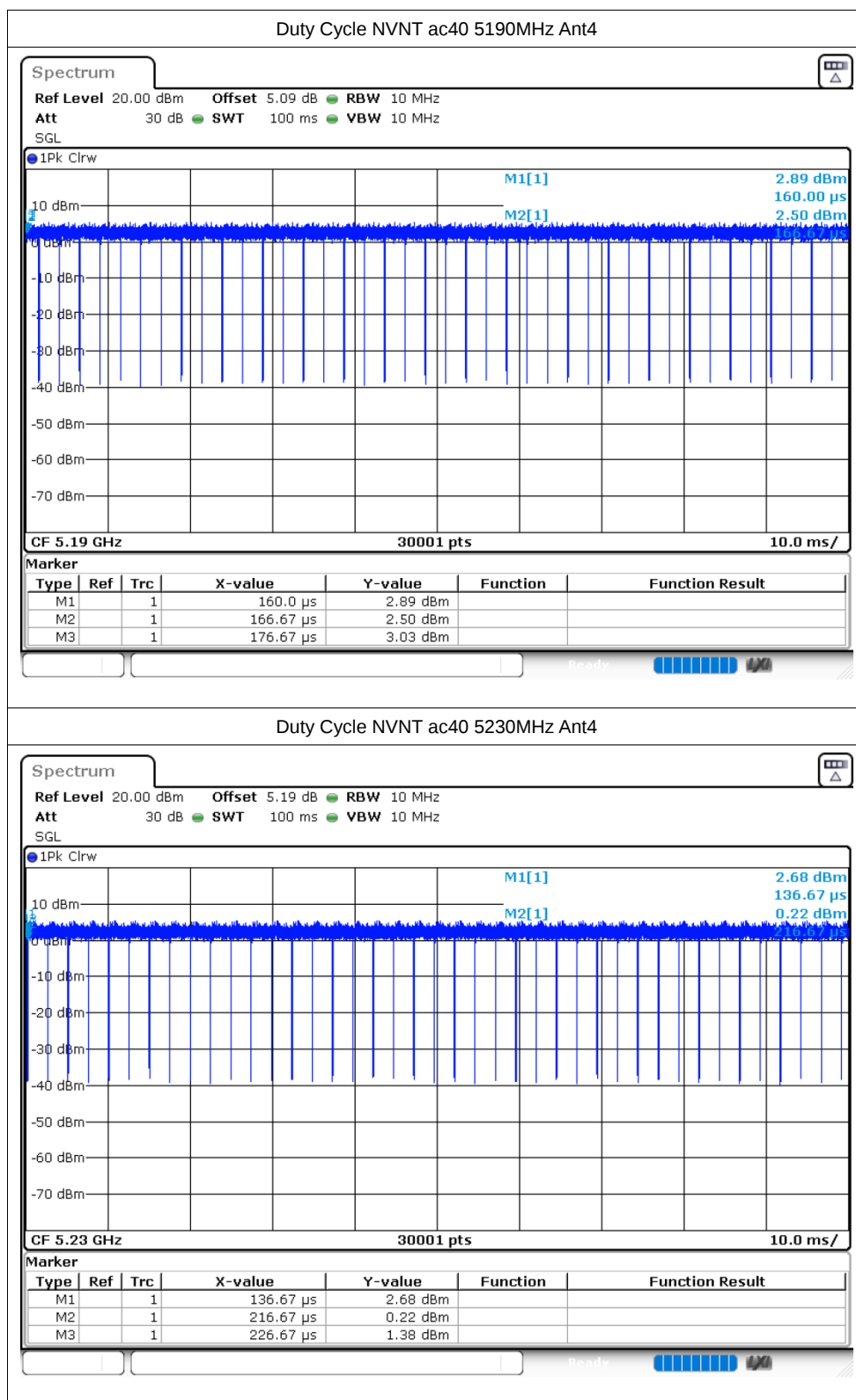


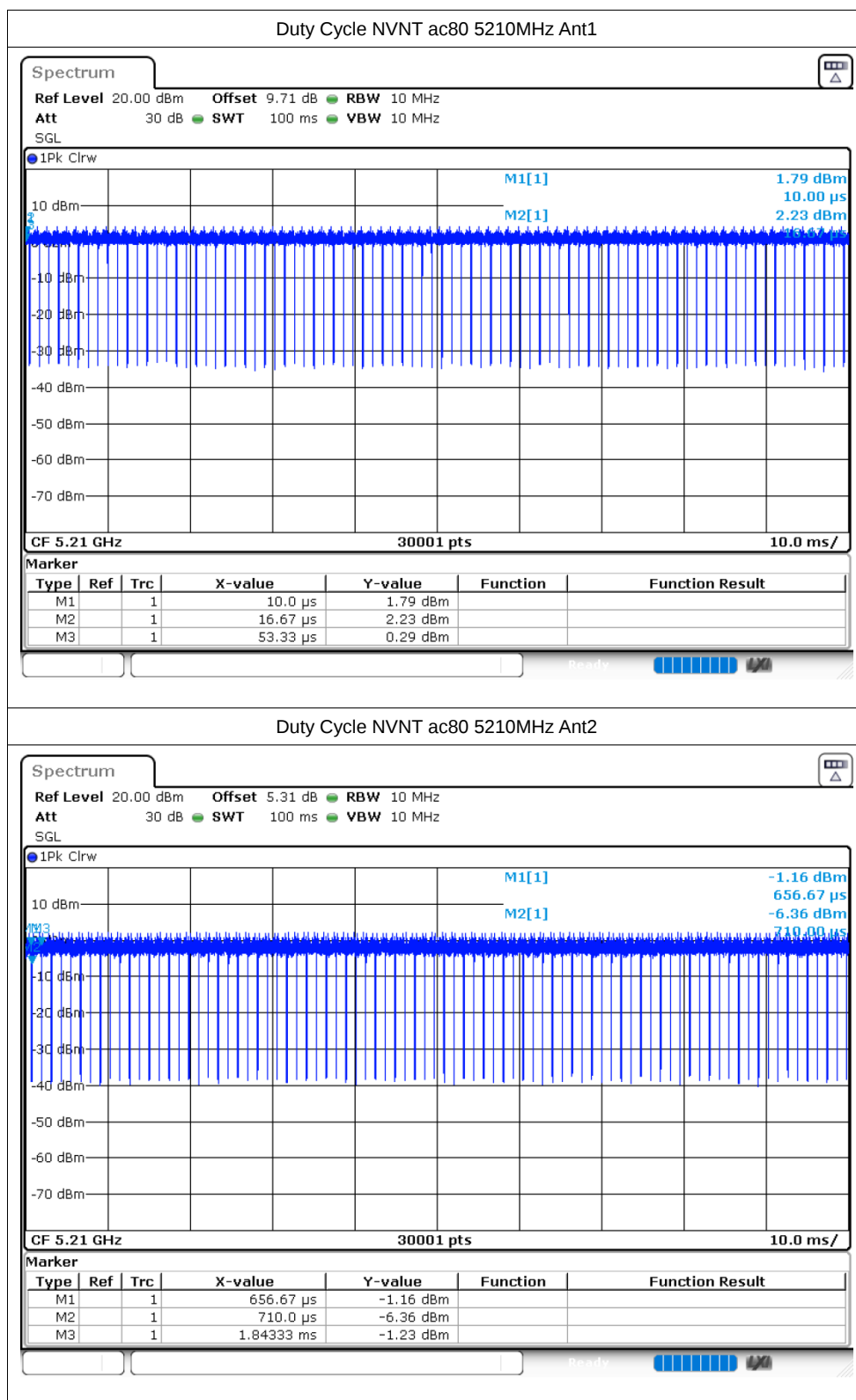


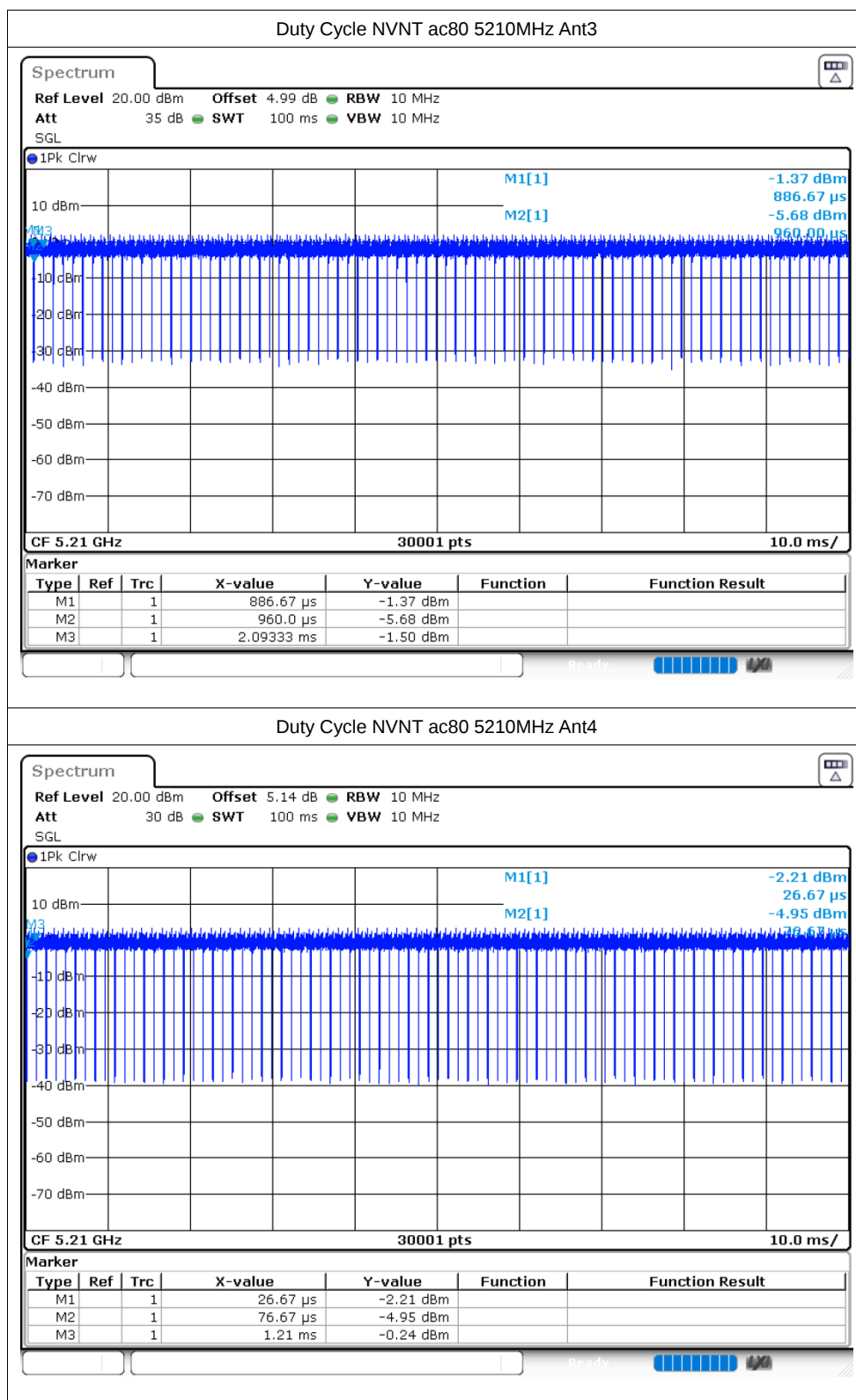


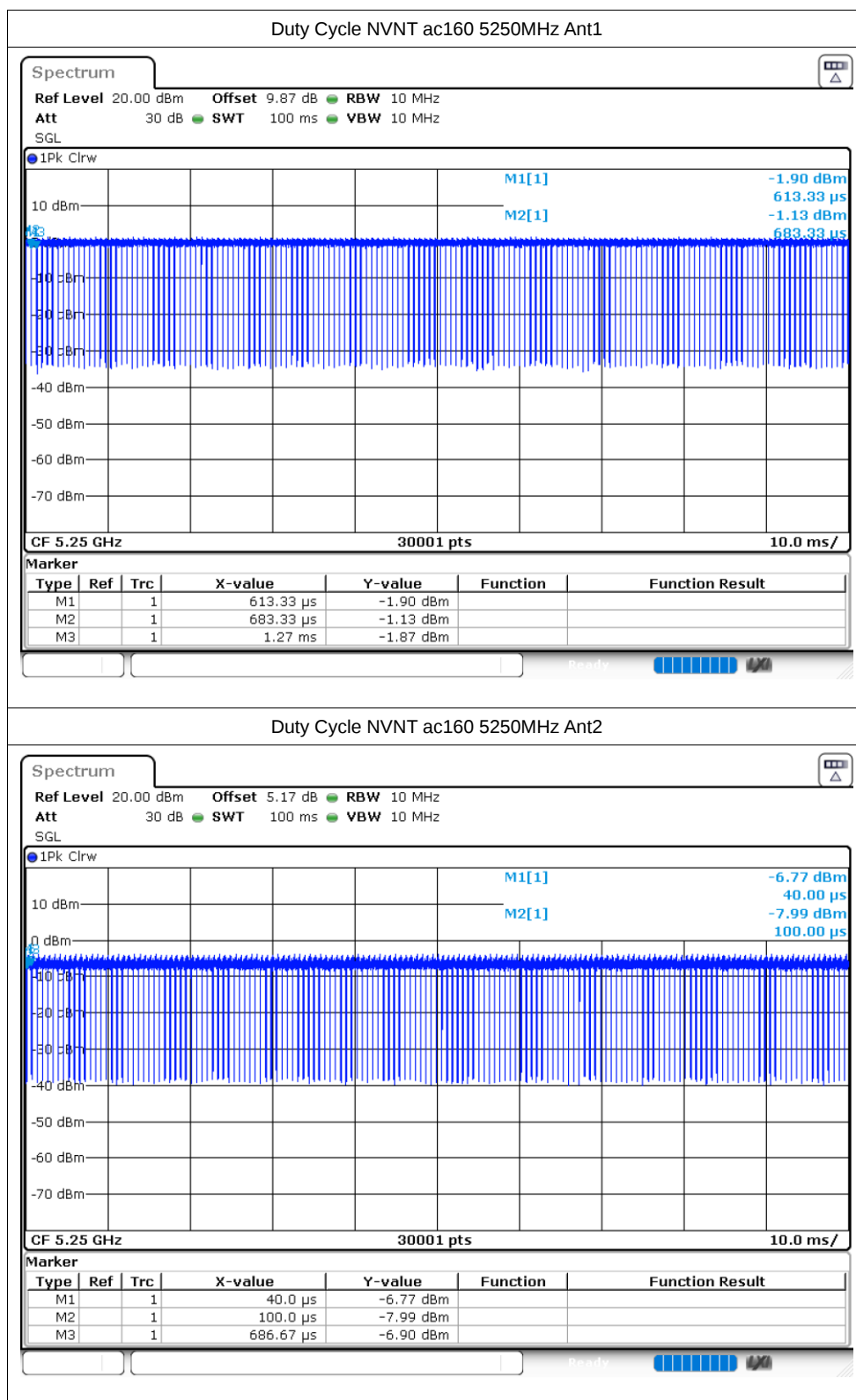


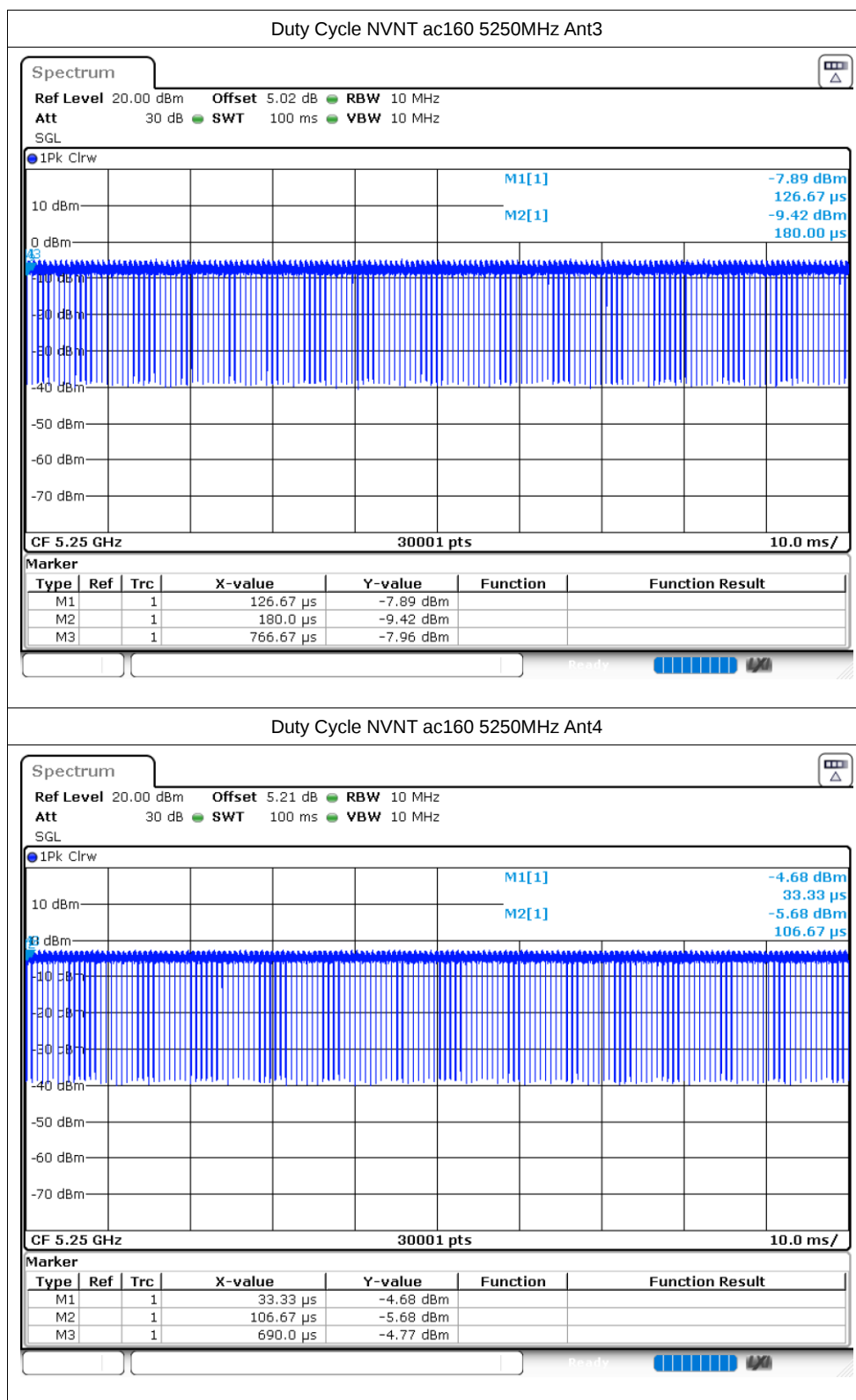


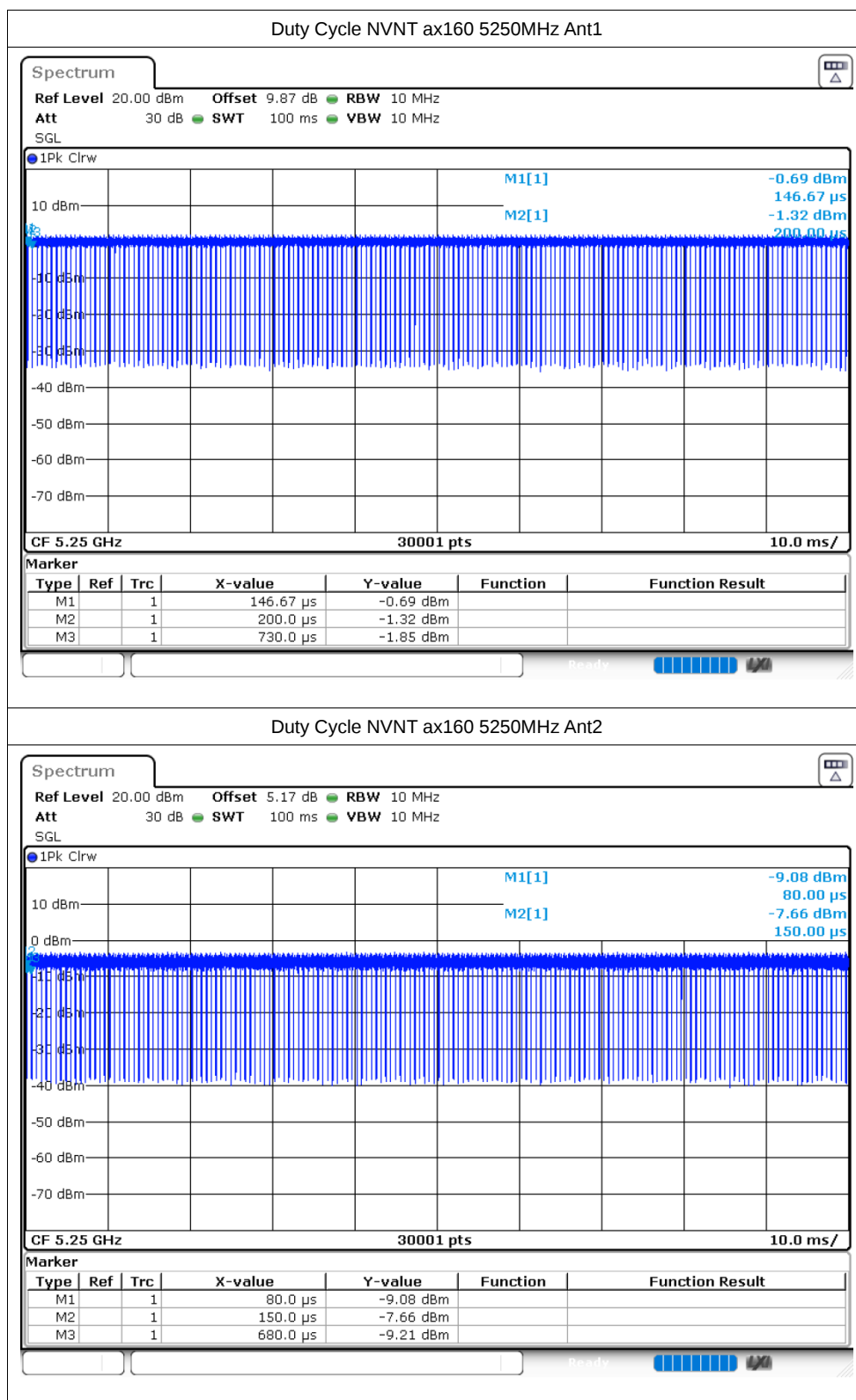


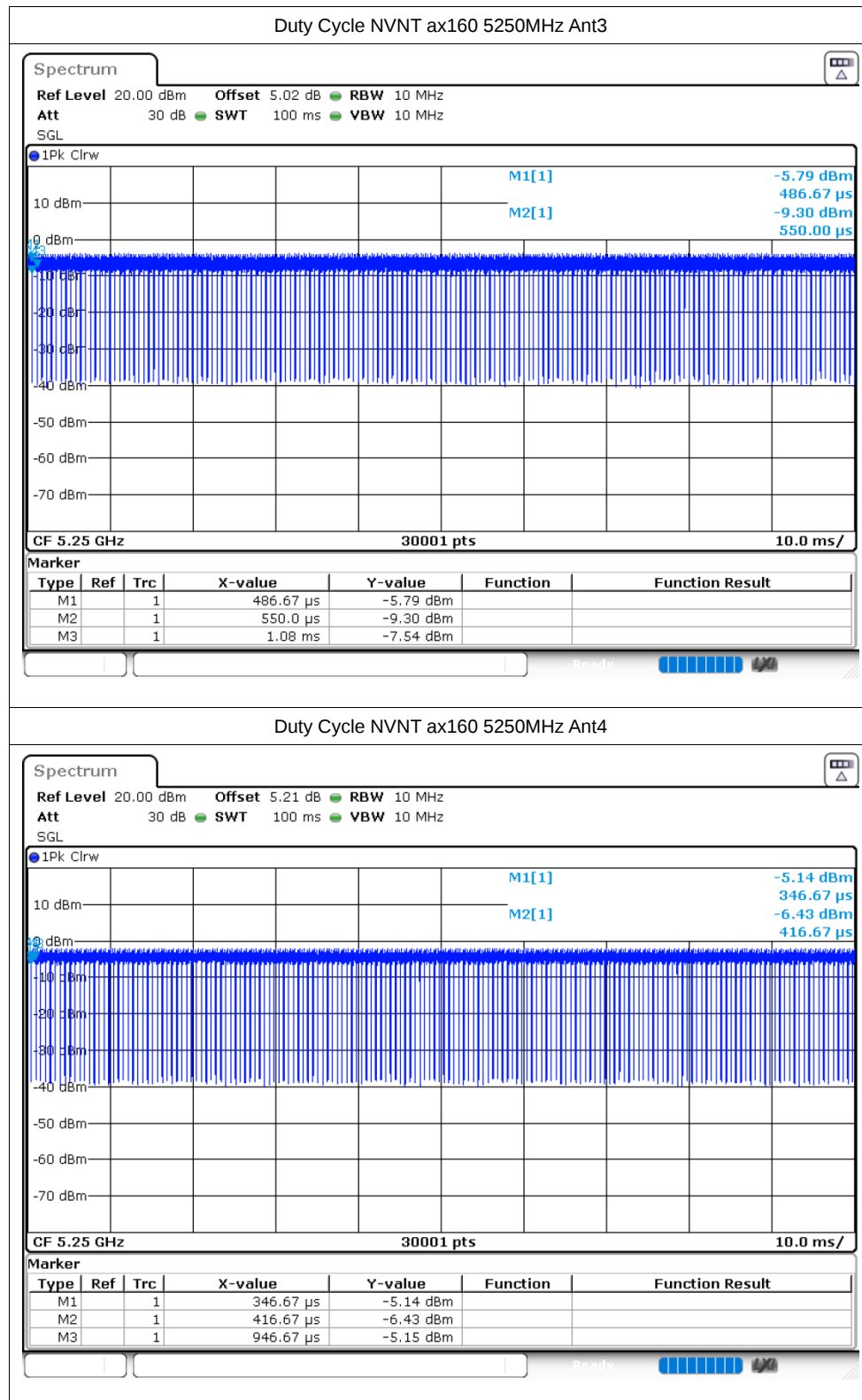


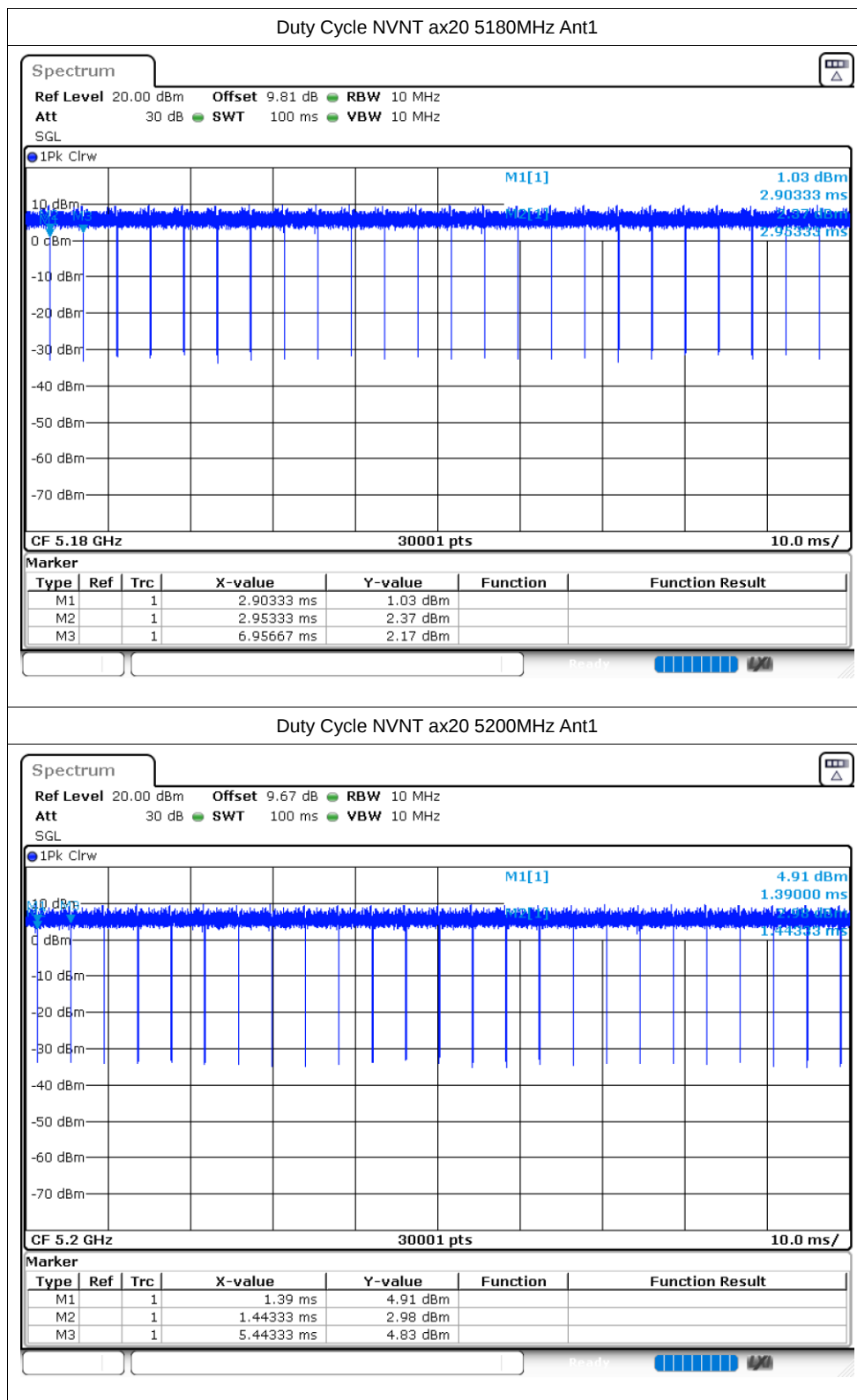


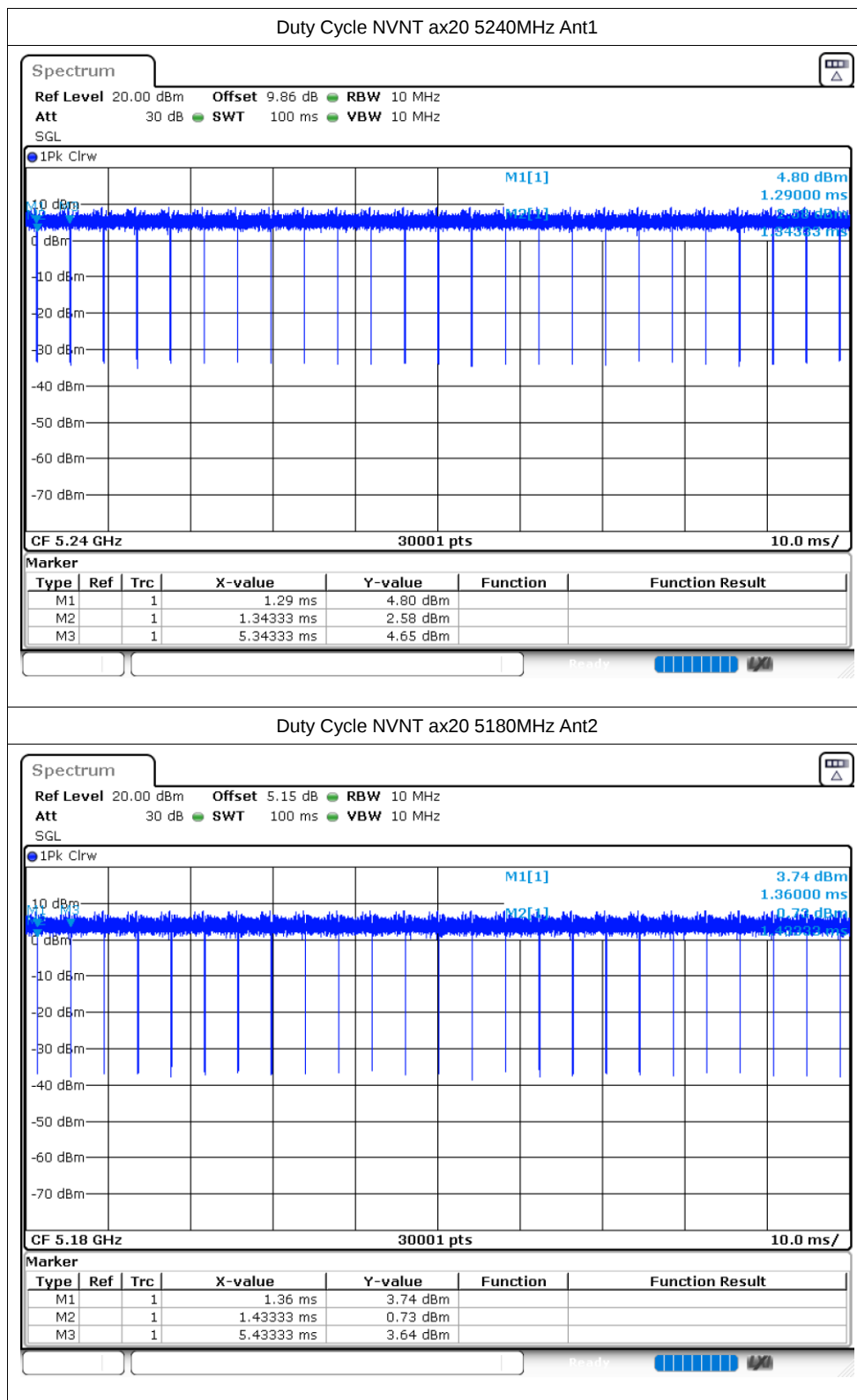


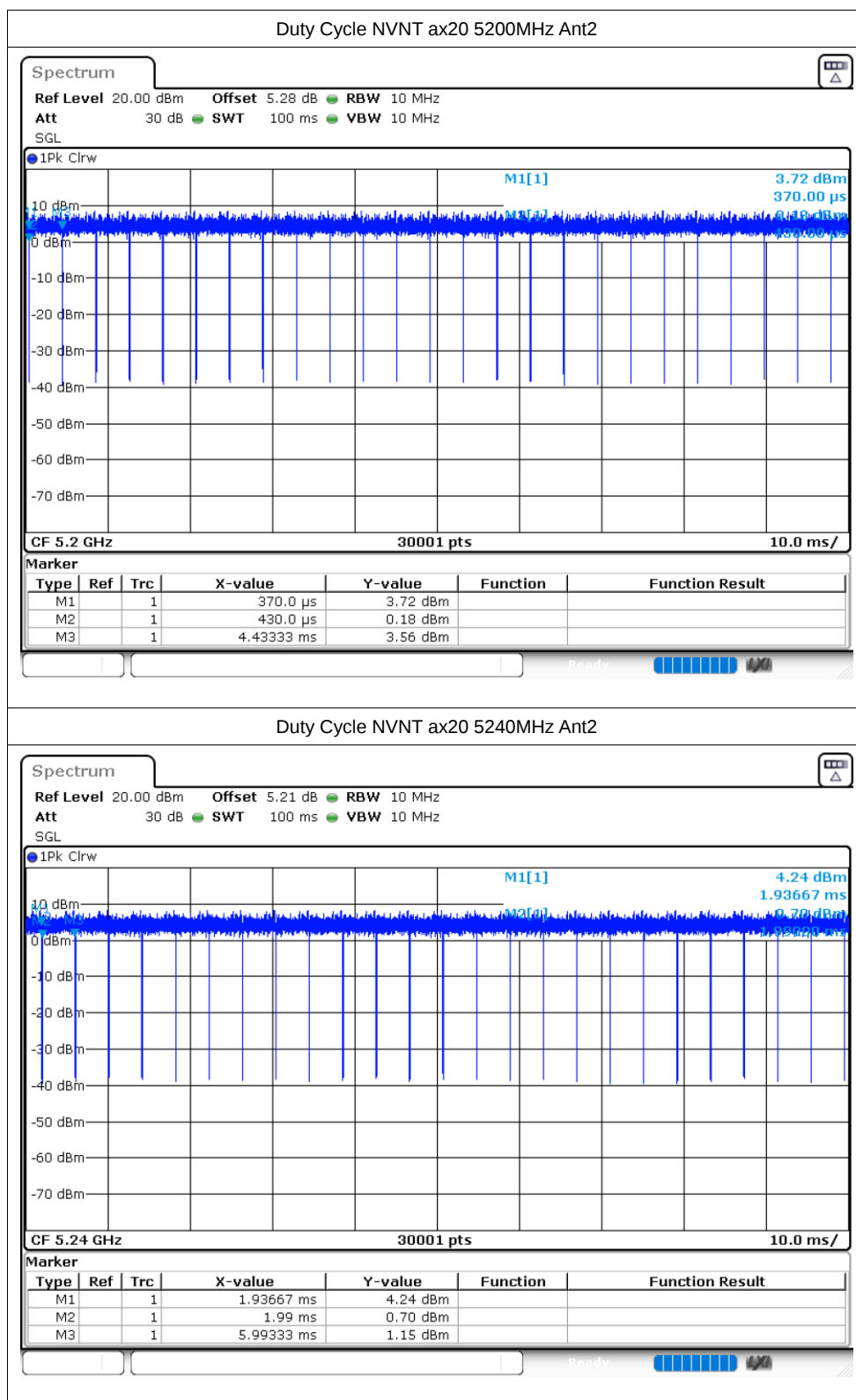


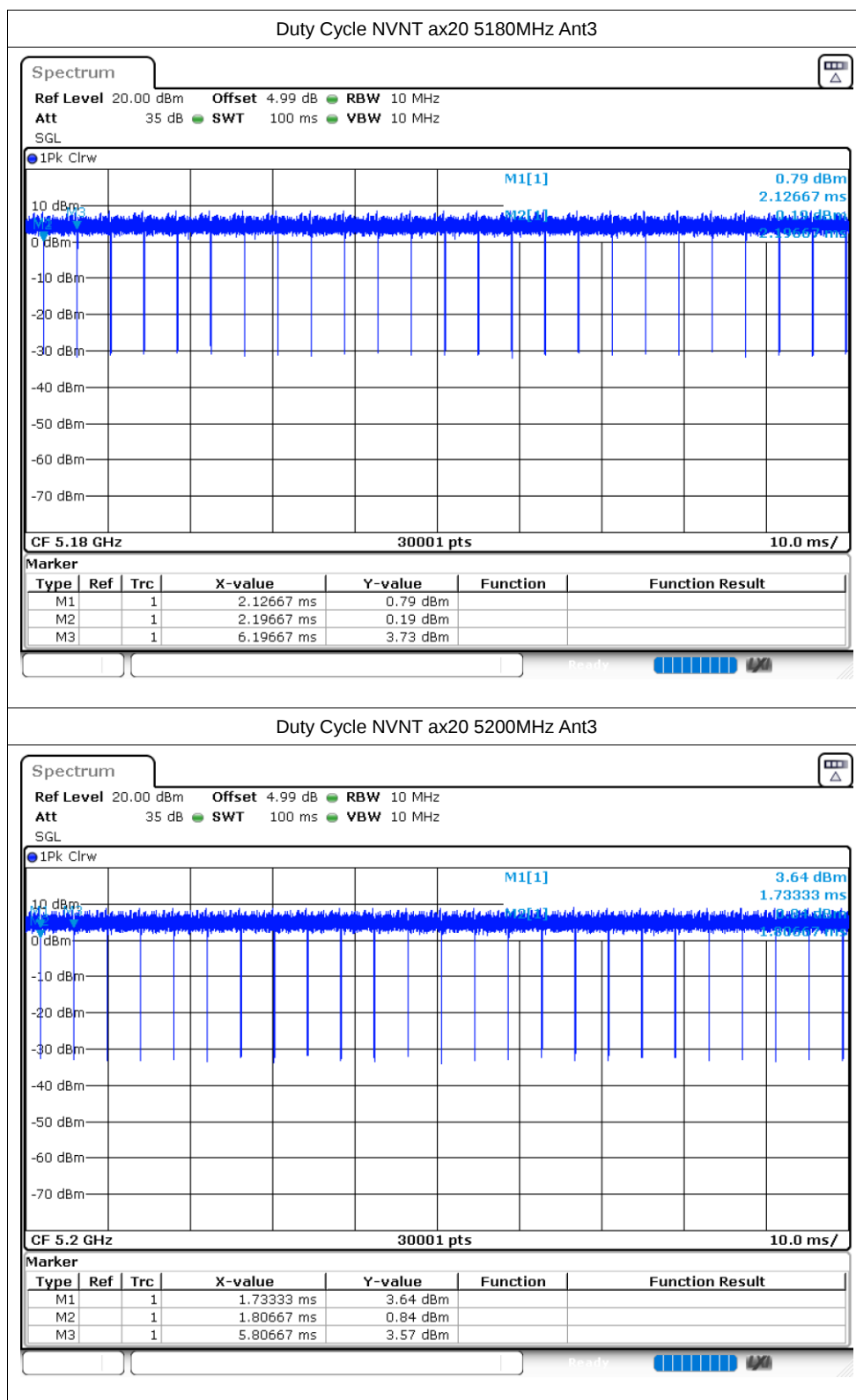


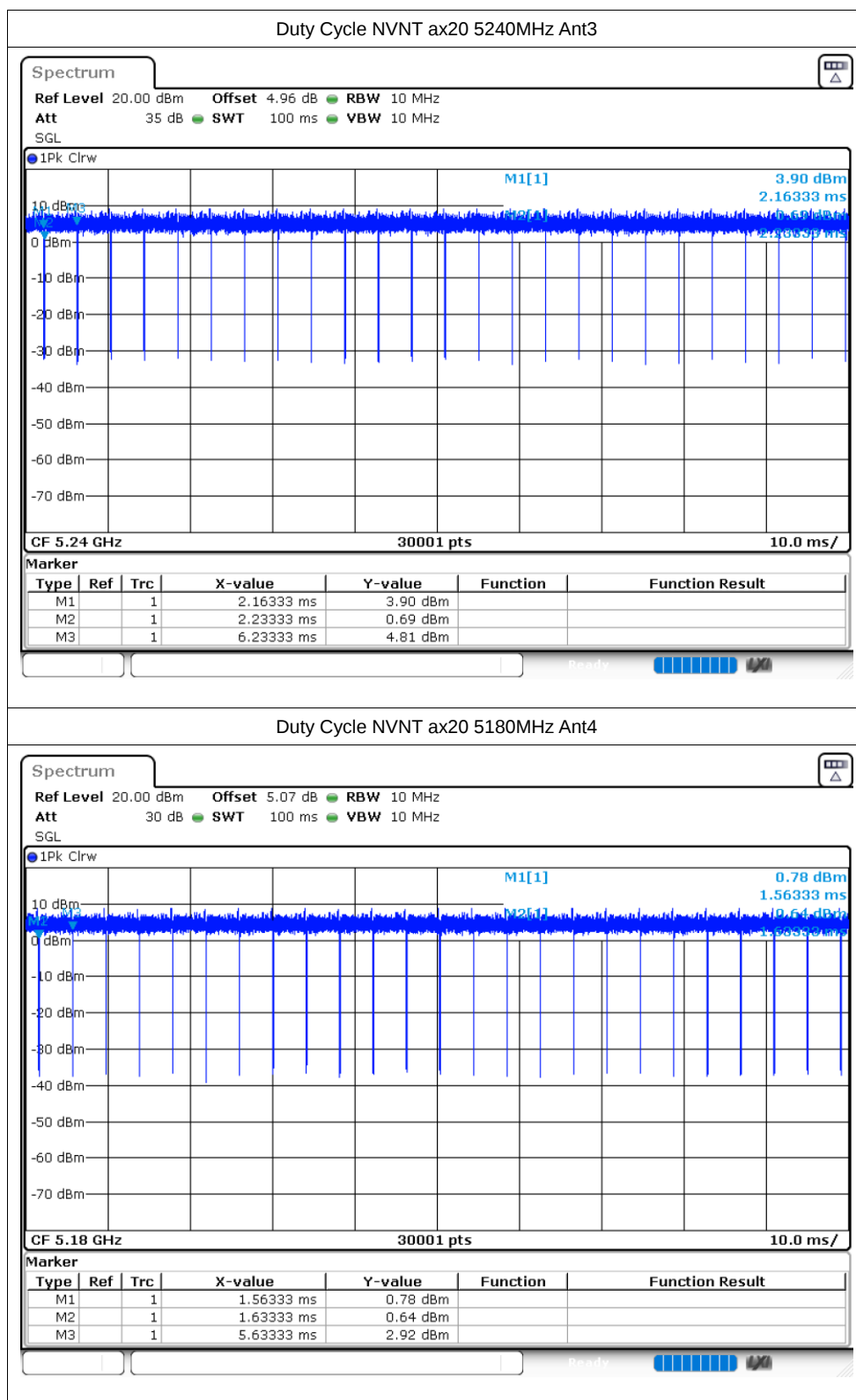


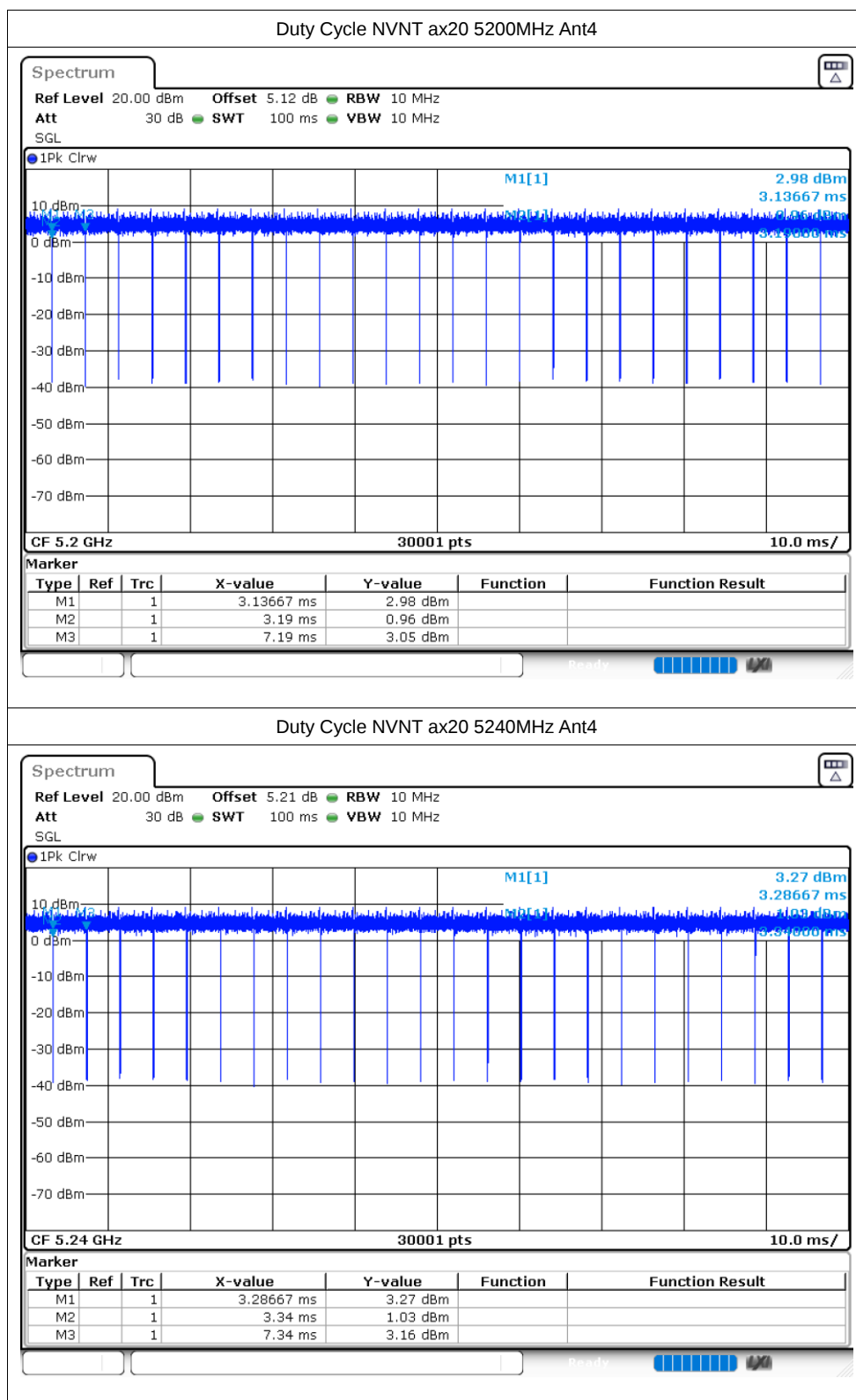


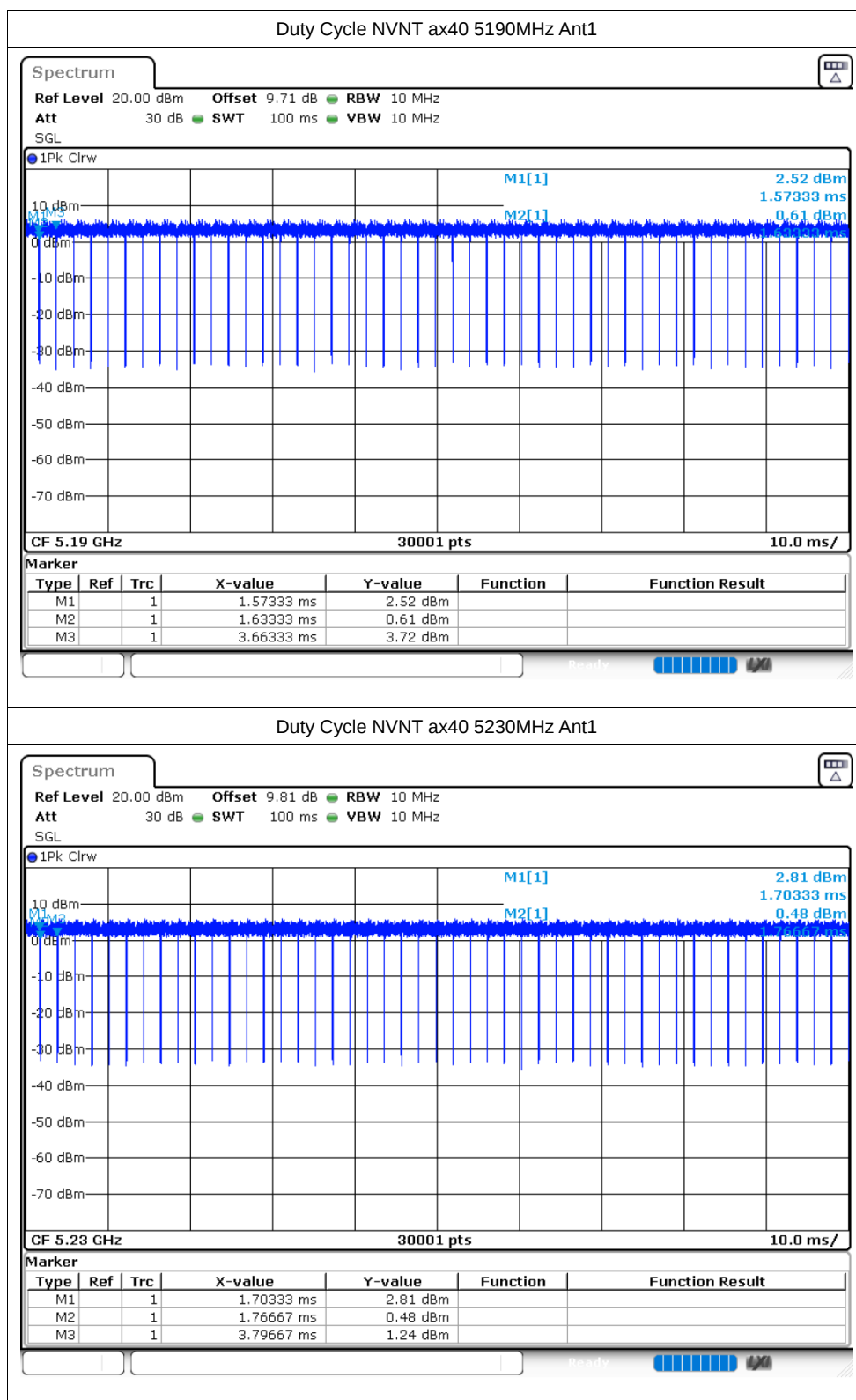


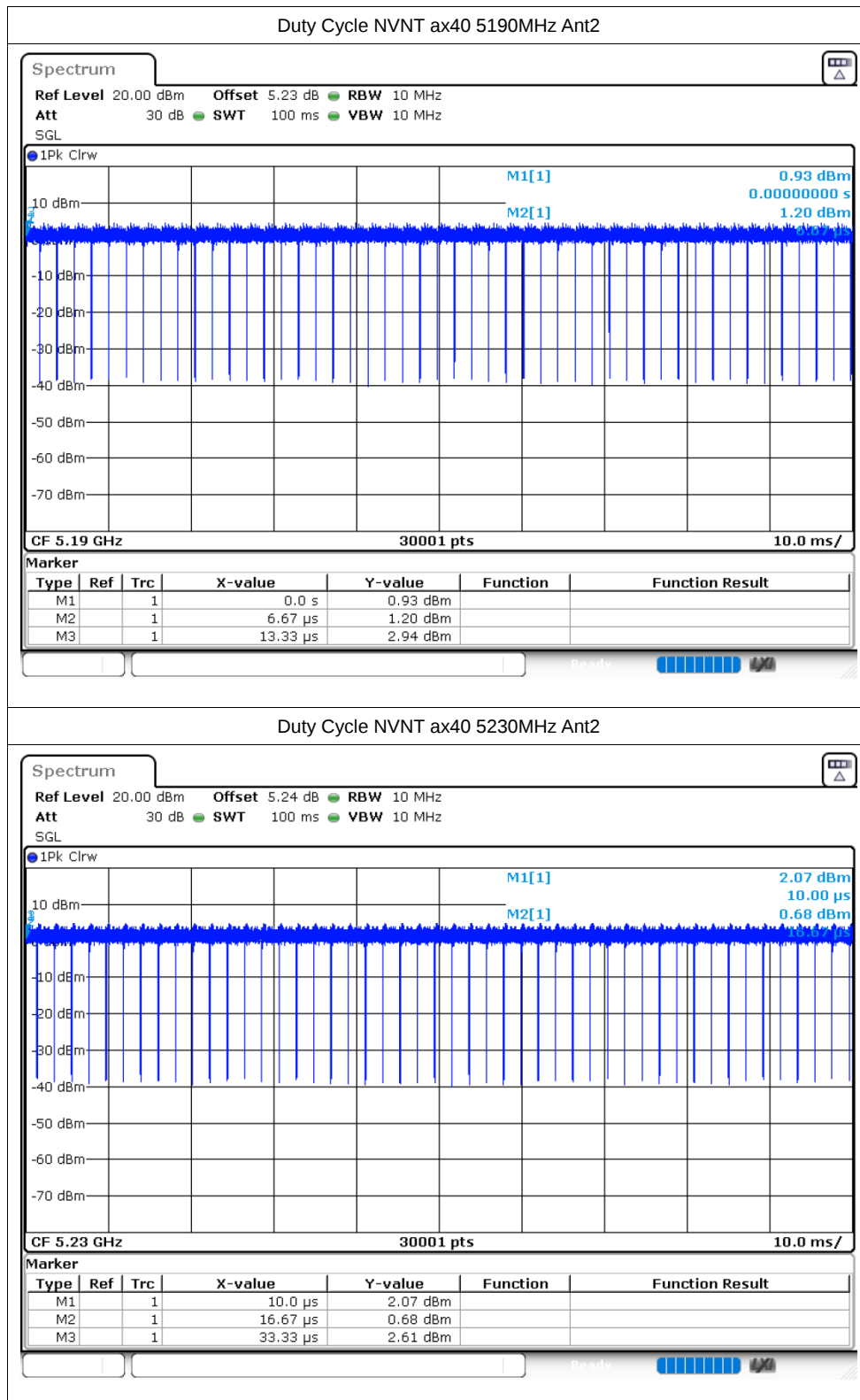










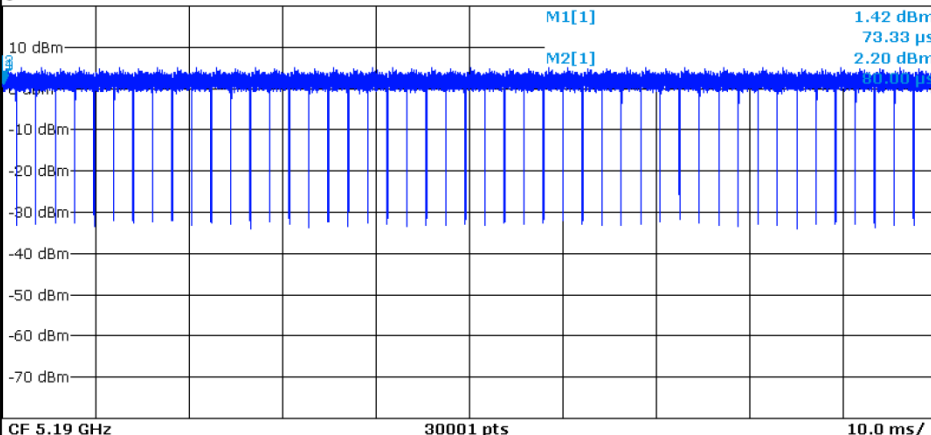


Duty Cycle NVNT ax40 5190MHz Ant3

Spectrum

Ref Level 20.00 dBm Offset 4.99 dB RBW 10 MHz
Att 35 dB SWT 100 ms VBW 10 MHz
SGL

1Pk Clrw



Marker

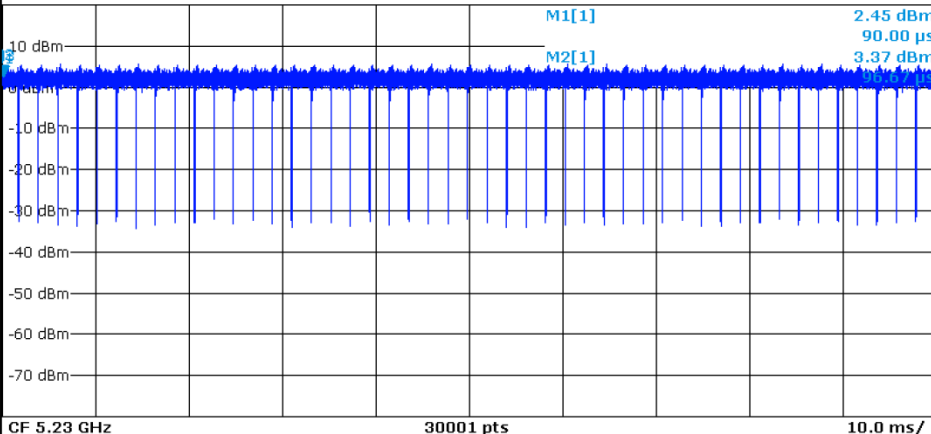
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		73.33 μ s	1.42 dBm		
M2	1		80.0 μ s	2.20 dBm		
M3	1		116.67 μ s	1.13 dBm		

Duty Cycle NVNT ax40 5230MHz Ant3

Spectrum

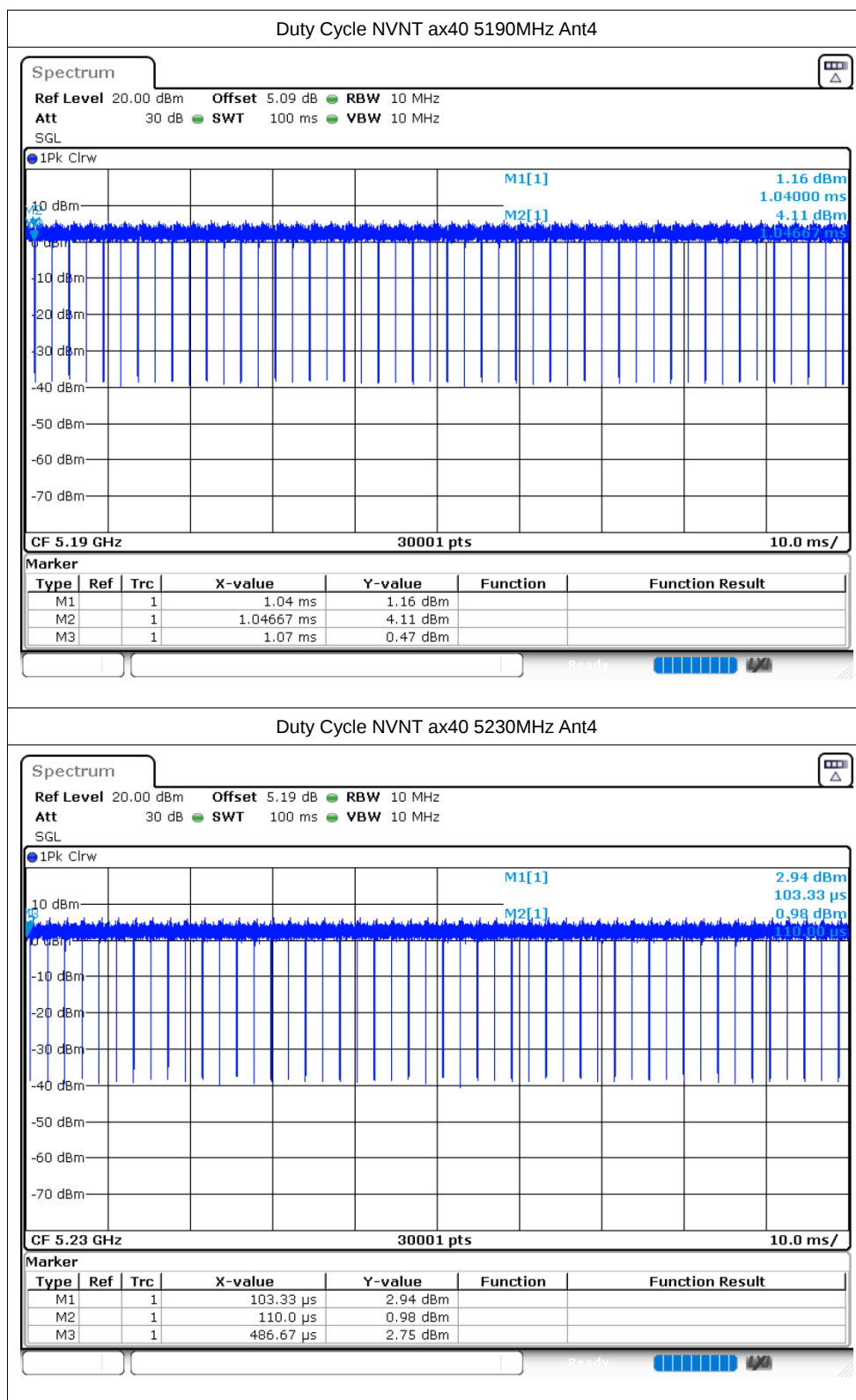
Ref Level 20.00 dBm Offset 4.92 dB RBW 10 MHz
Att 35 dB SWT 100 ms VBW 10 MHz
SGL

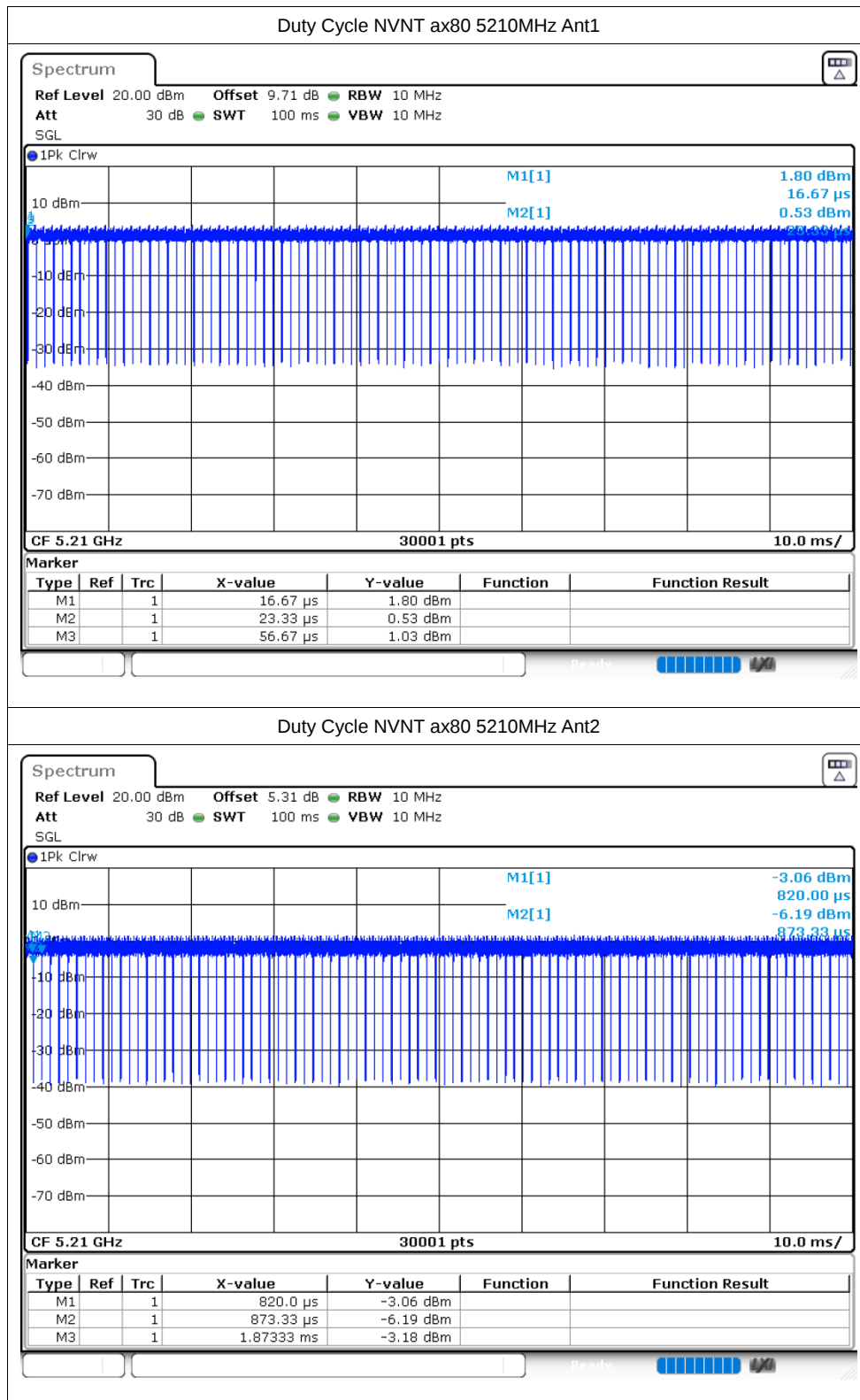
1Pk Clrw

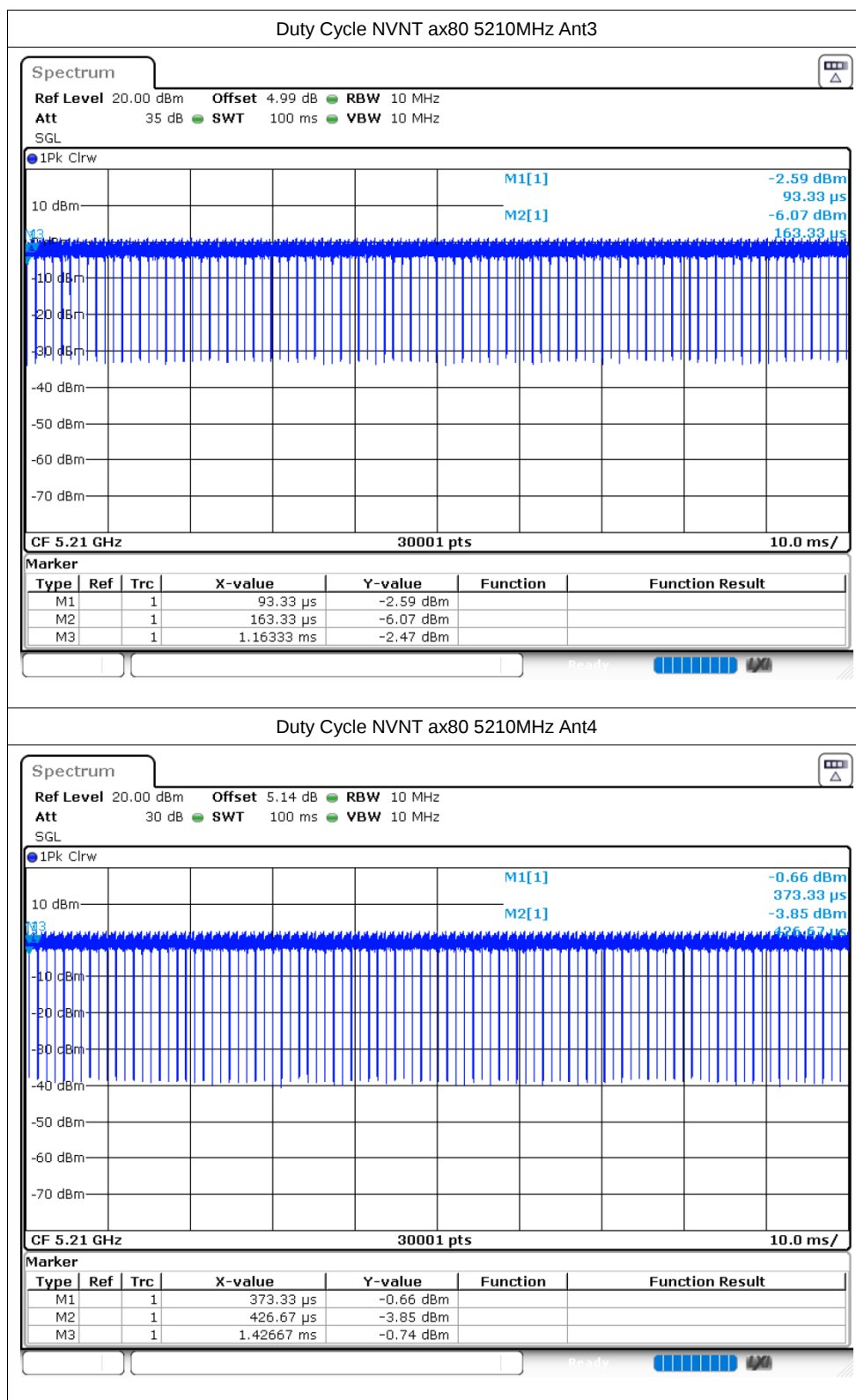


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		90.0 μ s	2.45 dBm		
M2	1		96.67 μ s	3.37 dBm		
M3	1		233.33 μ s	3.18 dBm		







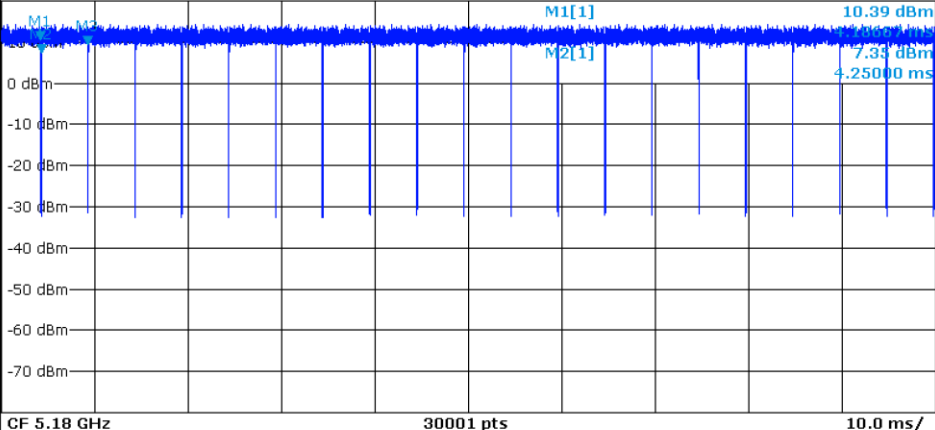
Test Graphs

Duty Cycle NVNT ac20 5180MHz Ant5

Spectrum

Ref Level 20.00 dBm Offset 9.81 dB RBW 10 MHz
Att 30 dB SWT 100 ms VBW 10 MHz
SGL

1Pk Clrw



Marker

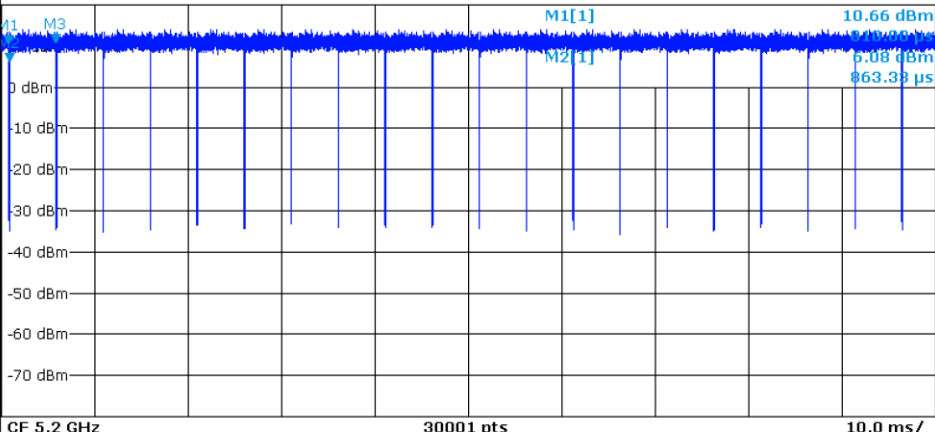
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	4.18667 ms	10.39 dBm		
M2		1	4.25 ms	7.35 dBm		
M3		1	9.21667 ms	9.31 dBm		

Duty Cycle NVNT ac20 5200MHz Ant5

Spectrum

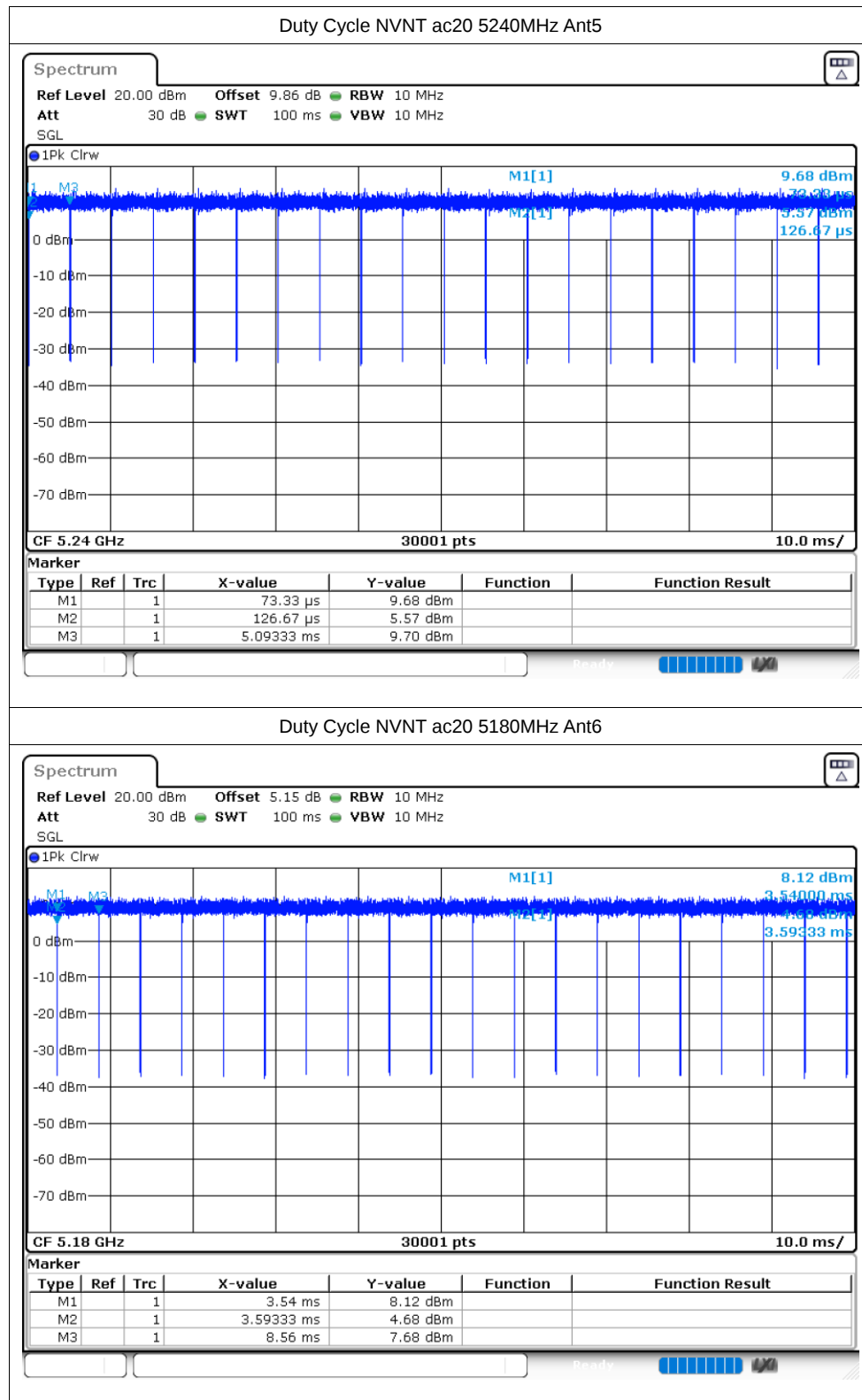
Ref Level 20.00 dBm Offset 9.67 dB RBW 10 MHz
Att 30 dB SWT 100 ms VBW 10 MHz
SGL

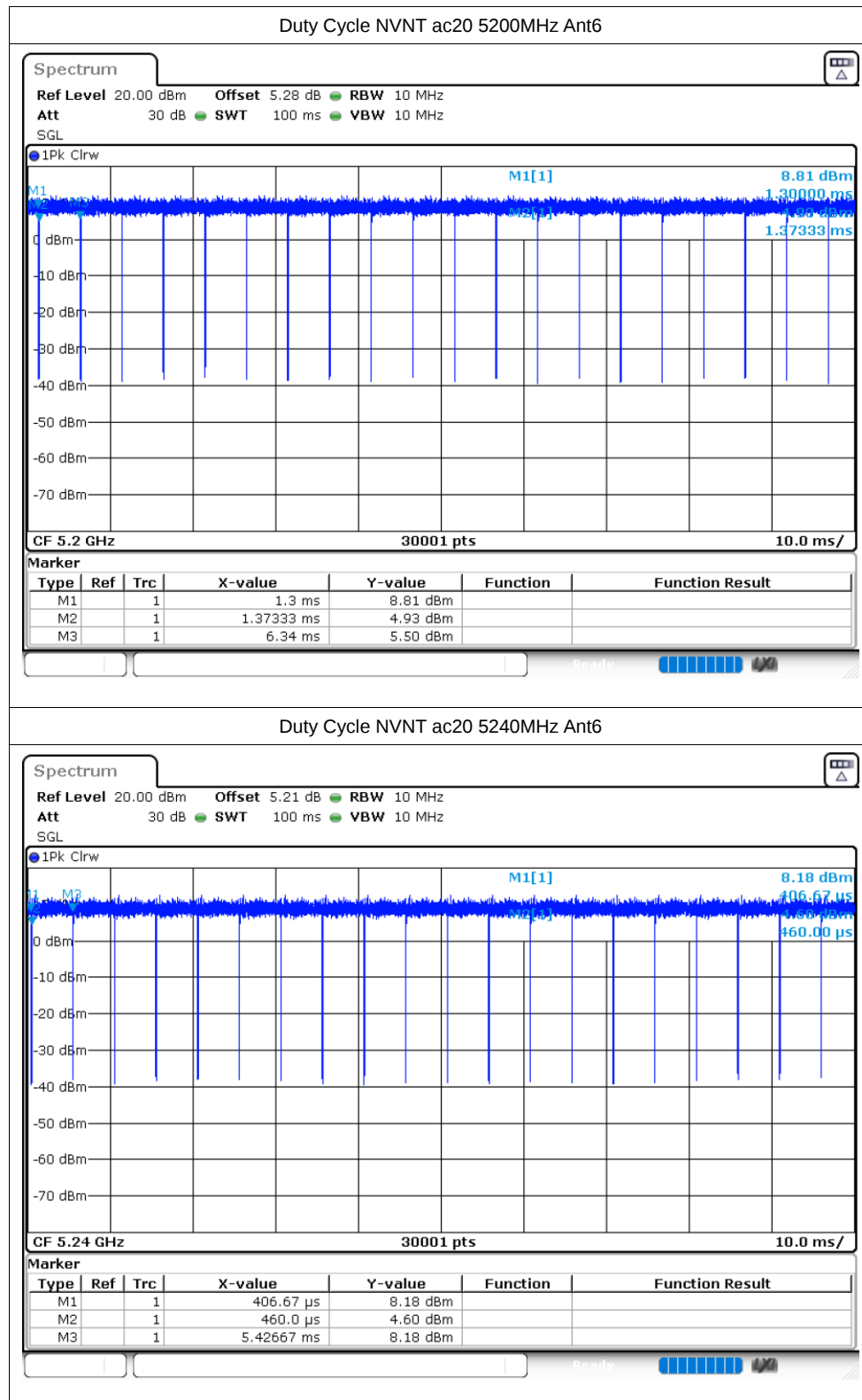
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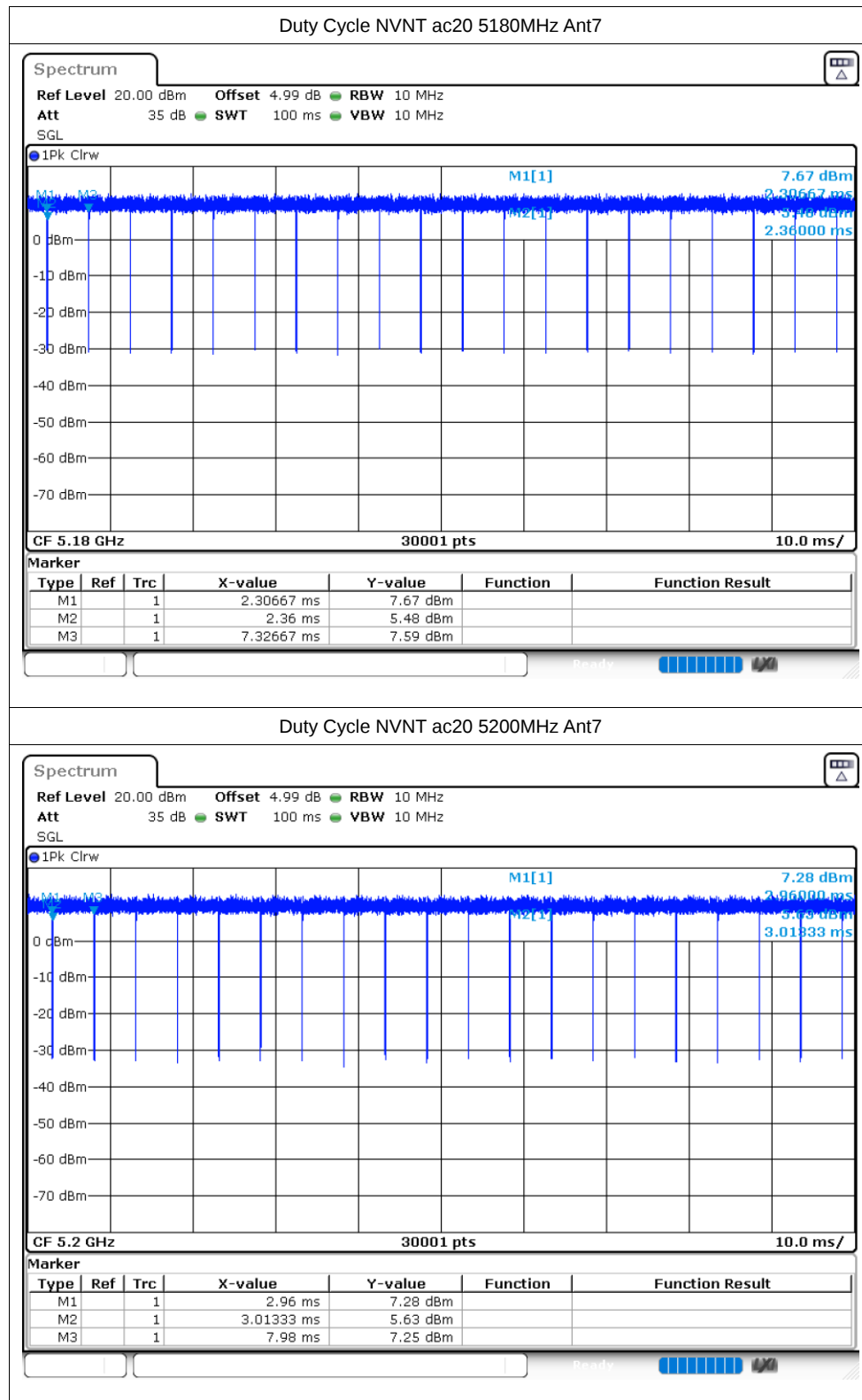


Marker

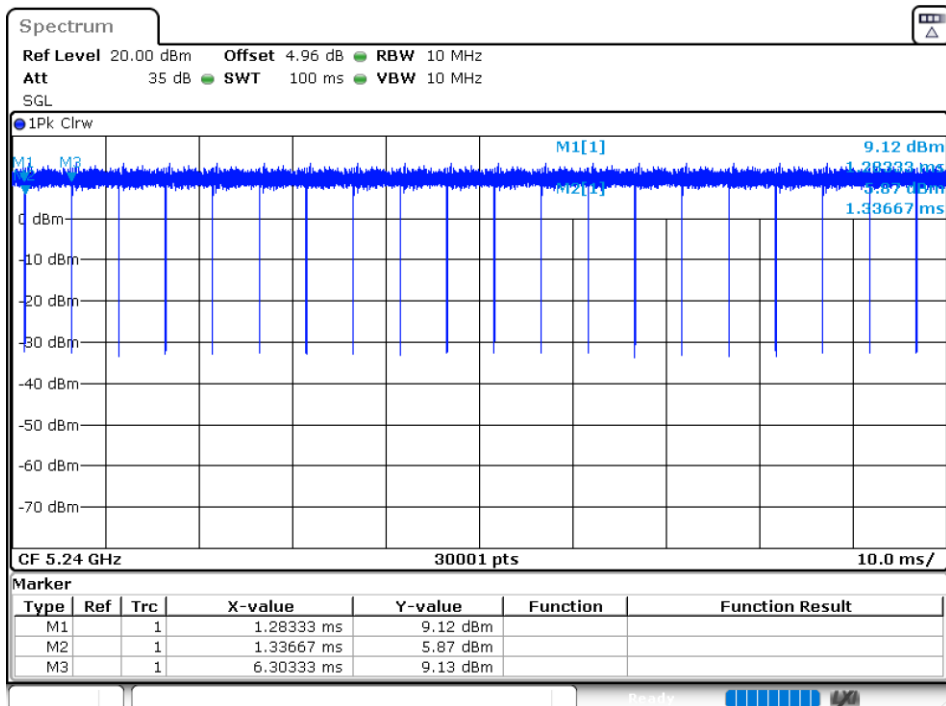
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	810.0 μs	10.66 dBm		
M2		1	863.33 μs	6.08 dBm		
M3		1	5.83 ms	10.70 dBm		







Duty Cycle NVNT ac20 5240MHz Ant7



Duty Cycle NVNT ac20 5180MHz Ant8

