

Test data attachment for WLAN 5.3G

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Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac20	5260	Ant1	98.88	0.05	0.2
NVNT	ac20	5280	Ant1	98.86	0.05	0.2
NVNT	ac20	5320	Ant1	98.66	0.06	0.3
NVNT	ac20	5260	Ant2	98.85	0.05	0.2
NVNT	ac20	5280	Ant2	98.89	0.05	0.2
NVNT	ac20	5320	Ant2	98.8	0.05	0.2
NVNT	ac20	5260	Ant3	97.16	0.13	2.27
NVNT	ac20	5280	Ant3	97.96	0.09	7.89
NVNT	ac20	5320	Ant3	97.91	0.09	2.91
NVNT	ac20	5260	Ant4	98.9	0.05	0.2
NVNT	ac20	5280	Ant4	98.94	0.05	0.2
NVNT	ac20	5320	Ant4	98.91	0.05	0.2
NVNT	ac40	5270	Ant1	82.46	0.84	60
NVNT	ac40	5310	Ant1	97.79	0.1	0.41
NVNT	ac40	5270	Ant2	86.48	0.63	300
NVNT	ac40	5310	Ant2	97.71	0.1	0.41
NVNT	ac40	5270	Ant3	97.7	0.1	0.41
NVNT	ac40	5310	Ant3	97.68	0.1	0.41
NVNT	ac40	5270	Ant4	97.69	0.1	0.41
NVNT	ac40	5310	Ant4	97.6	0.11	0.41
NVNT	ac80	5290	Ant1	95.31	0.21	0.88
NVNT	ac80	5290	Ant2	95.28	0.21	0.88
NVNT	ac80	5290	Ant3	95.3	0.21	0.88
NVNT	ac80	5290	Ant4	95.33	0.21	0.88
NVNT	ax20	5260	Ant1	98.48	0.07	0.25
NVNT	ax20	5280	Ant1	98.49	0.07	0.25
NVNT	ax20	5320	Ant1	98.54	0.06	0.25
NVNT	ax20	5260	Ant2	98.51	0.07	0.25
NVNT	ax20	5280	Ant2	98.56	0.06	0.25
NVNT	ax20	5320	Ant2	98.56	0.06	0.25
NVNT	ax20	5260	Ant3	95.05	0.22	16.67
NVNT	ax20	5280	Ant3	96.33	0.16	3.13
NVNT	ax20	5320	Ant3	98.58	0.06	0.25
NVNT	ax20	5260	Ant4	98.6	0.06	0.25
NVNT	ax20	5280	Ant4	74.08	1.3	150
NVNT	ax20	5320	Ant4	98.3	0.07	1.69
NVNT	ax40	5270	Ant1	97.38	0.12	0.49
NVNT	ax40	5310	Ant1	97.35	0.12	0.49
NVNT	ax40	5270	Ant2	97.38	0.12	0.49
NVNT	ax40	5310	Ant2	97.31	0.12	0.49

NVNT	ax40	5270	Ant3	97.43	0.11	0.49
NVNT	ax40	5310	Ant3	97.26	0.12	0.49
NVNT	ax40	5270	Ant4	97.06	0.13	0.5
NVNT	ax40	5310	Ant4	86.31	0.64	23.08
NVNT	ax80	5290	Ant1	94.66	0.24	1
NVNT	ax80	5290	Ant2	94.66	0.24	1
NVNT	ax80	5290	Ant3	94.65	0.24	1
NVNT	ax80	5290	Ant4	94.67	0.24	1
NVNT	ac20	5260	Ant5	98.95	0.05	0.2
NVNT	ac20	5280	Ant5	98.9	0.05	0.2
NVNT	ac20	5320	Ant5	98.9	0.05	0.2
NVNT	ac20	5260	Ant6	98.95	0.05	0.2
NVNT	ac20	5280	Ant6	98.99	0.04	0.2
NVNT	ac20	5320	Ant6	98.97	0.05	0.2
NVNT	ac20	5260	Ant7	98.9	0.05	0.2
NVNT	ac20	5280	Ant7	98.97	0.04	0.2
NVNT	ac20	5320	Ant7	98.8	0.05	0.2
NVNT	ac20	5260	Ant8	98.8	0.05	0.2
NVNT	ac20	5280	Ant8	98.95	0.05	0.2
NVNT	ac20	5320	Ant8	98.79	0.05	0.2
NVNT	ac40	5270	Ant5	97.69	0.1	0.41
NVNT	ac40	5310	Ant5	97.69	0.1	0.41
NVNT	ac40	5270	Ant6	97.75	0.1	0.41
NVNT	ac40	5310	Ant6	97.8	0.1	0.41
NVNT	ac40	5270	Ant7	97.72	0.1	0.41
NVNT	ac40	5310	Ant7	97.76	0.1	0.41
NVNT	ac40	5270	Ant8	97.78	0.1	0.41
NVNT	ac40	5310	Ant8	97.78	0.1	0.41
NVNT	ac80	5290	Ant5	95.35	0.21	0.88
NVNT	ac80	5290	Ant6	95.39	0.2	0.88
NVNT	ac80	5290	Ant7	95.32	0.21	0.88
NVNT	ac80	5290	Ant8	94.5	0.25	0.89
NVNT	ax20	5260	Ant5	98.6	0.06	0.25
NVNT	ax20	5280	Ant5	98.54	0.06	0.25
NVNT	ax20	5320	Ant5	98.67	0.06	0.25
NVNT	ax20	5260	Ant6	98.55	0.06	0.25
NVNT	ax20	5280	Ant6	98.65	0.06	0.25
NVNT	ax20	5320	Ant6	98.61	0.06	0.25
NVNT	ax20	5260	Ant7	98.53	0.06	0.25
NVNT	ax20	5280	Ant7	98.64	0.06	0.25
NVNT	ax20	5320	Ant7	98.54	0.06	0.25
NVNT	ax20	5260	Ant8	98.55	0.06	0.25
NVNT	ax20	5280	Ant8	98.62	0.06	0.25
NVNT	ax20	5320	Ant8	98.56	0.06	0.25

NVNT	ax40	5270	Ant5	97.31	0.12	0.49
NVNT	ax40	5310	Ant5	97.31	0.12	0.49
NVNT	ax40	5270	Ant6	97.3	0.12	0.49
NVNT	ax40	5310	Ant6	97.29	0.12	0.49
NVNT	ax40	5270	Ant7	97.32	0.12	0.49
NVNT	ax40	5310	Ant7	97.33	0.12	0.49
NVNT	ax40	5270	Ant8	97.31	0.12	0.49
NVNT	ax40	5310	Ant8	97.21	0.12	0.49
NVNT	ax80	5290	Ant5	94.71	0.24	1
NVNT	ax80	5290	Ant6	94.7	0.24	1
NVNT	ax80	5290	Ant7	94.72	0.24	1
NVNT	ax80	5290	Ant8	93.97	0.27	1.01

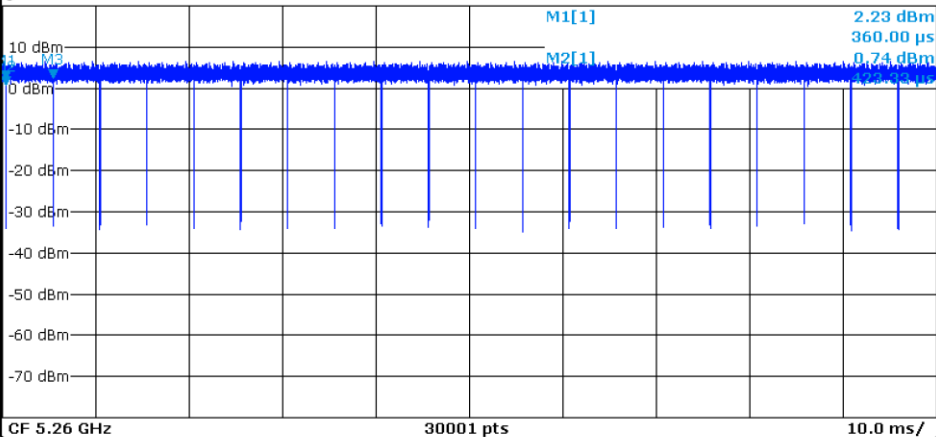
Test Graphs

Duty Cycle NVNT ac20 5260MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 9.89 dB RBW 10 MHz
Att 30 dB SWT 100 ms VBW 10 MHz
SGL

1Pk Clrw



Marker

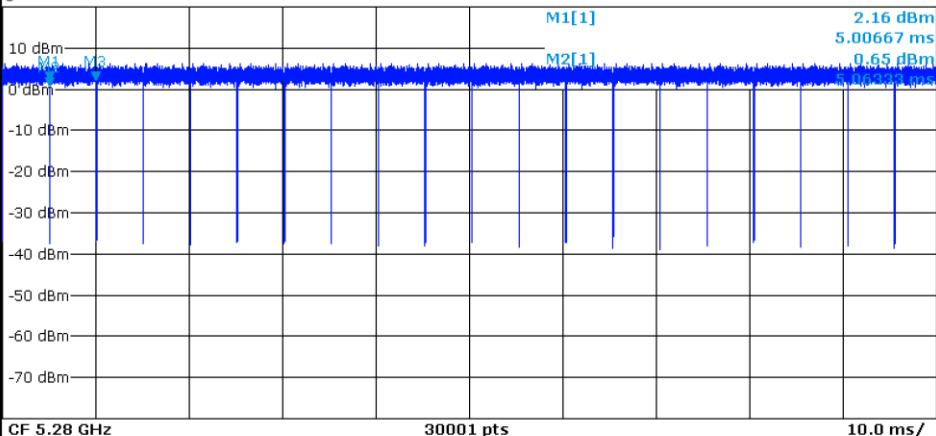
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		360.0 μ s	2.23 dBm		
M2	1		423.33 μ s	0.74 dBm		
M3	1		5.39 ms	2.37 dBm		

Duty Cycle NVNT ac20 5280MHz Ant1

Spectrum

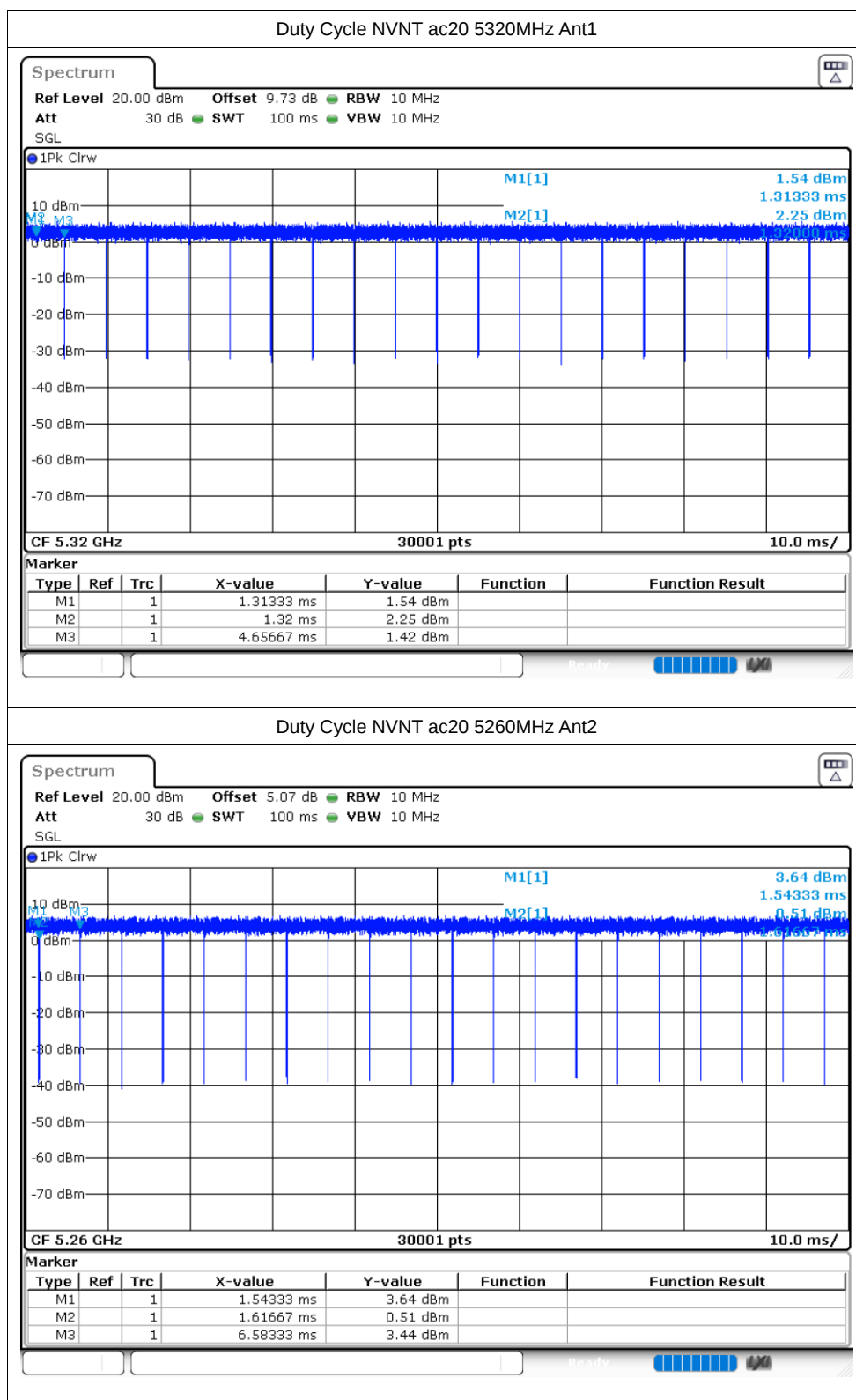
Ref Level 20.00 dBm Offset 10.02 dB RBW 10 MHz
Att 25 dB SWT 100 ms VBW 10 MHz
SGL

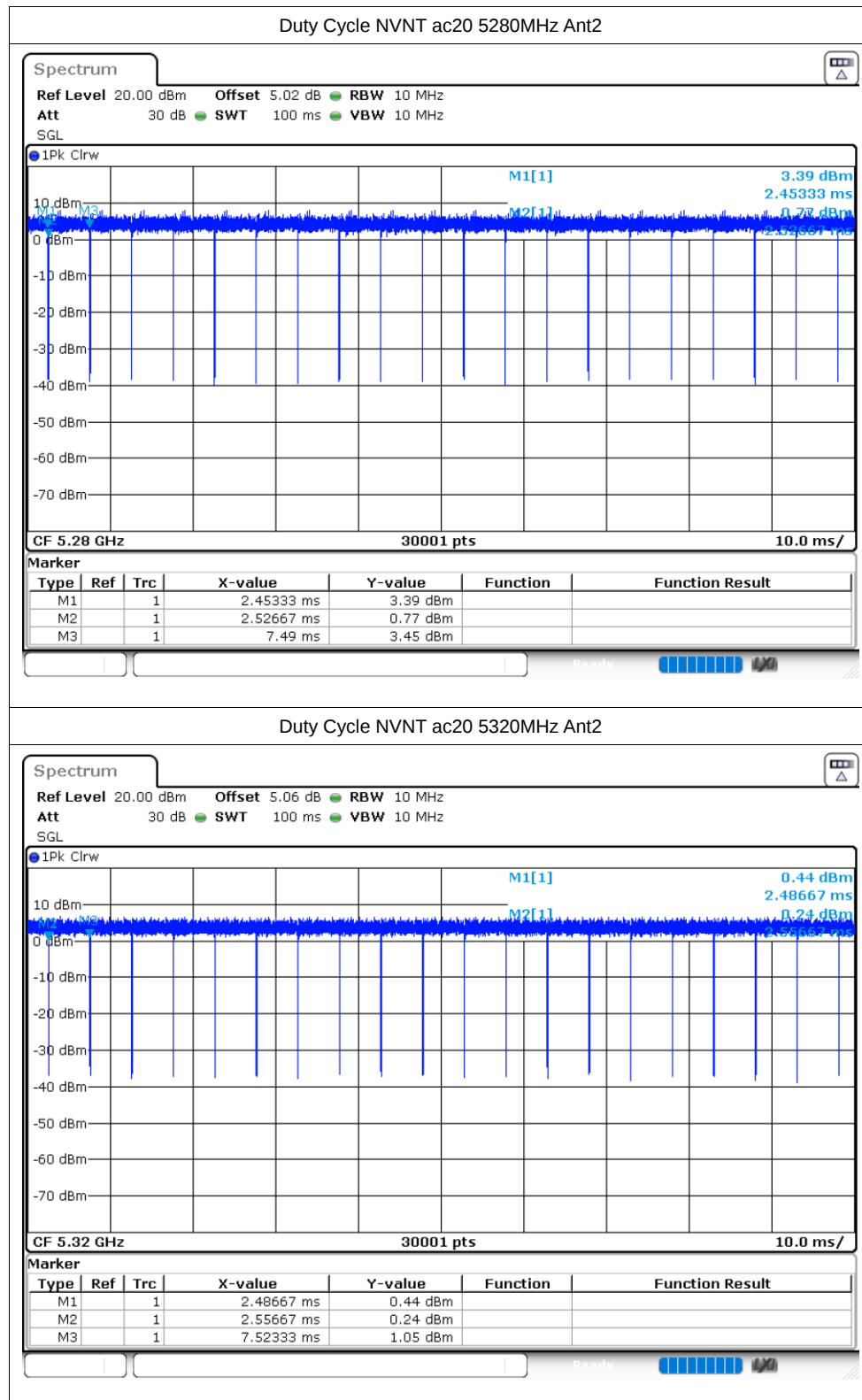
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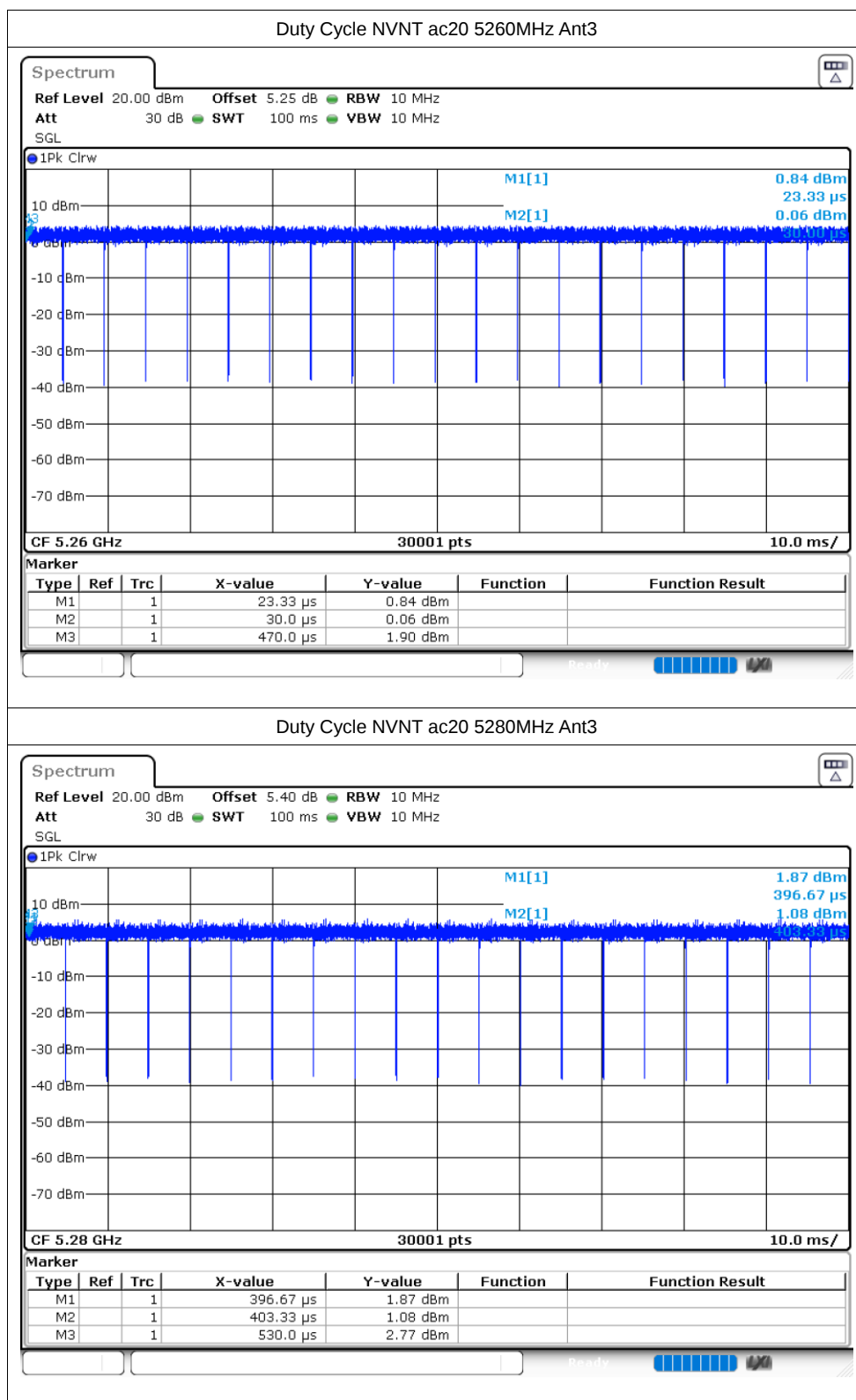


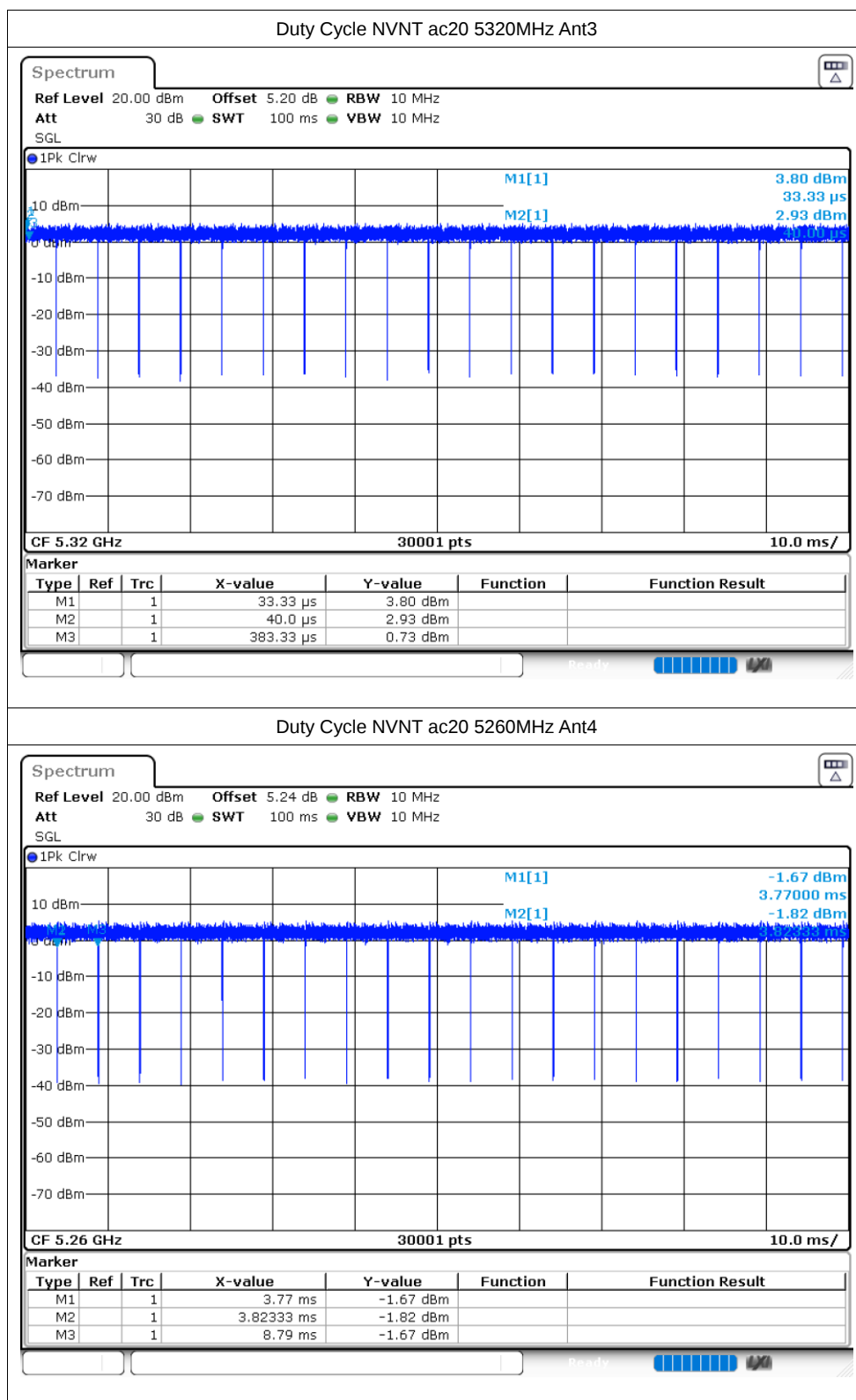
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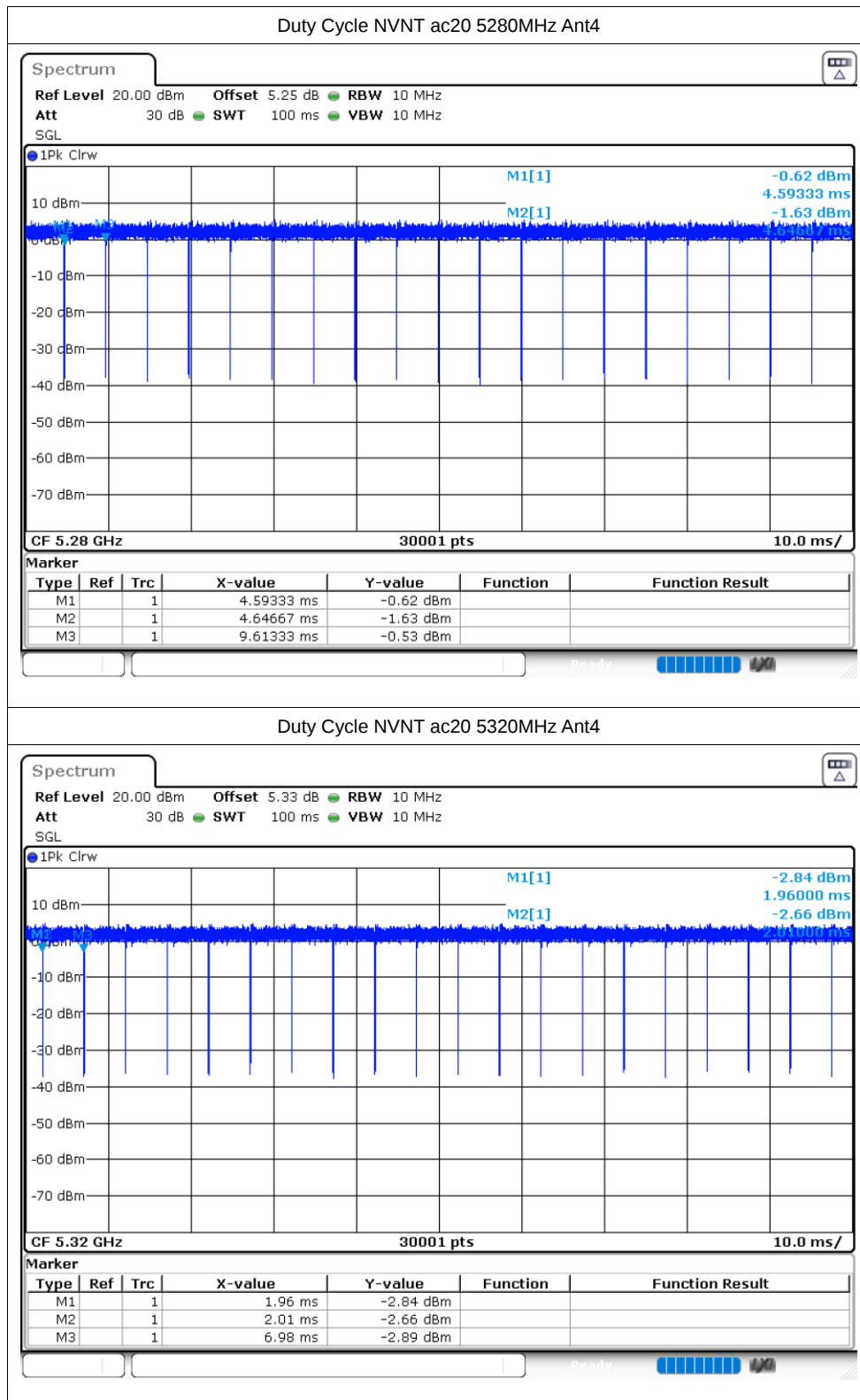
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.00667 ms	2.16 dBm		
M2	1		5.06333 ms	0.65 dBm		
M3	1		10.02667 ms	2.12 dBm		

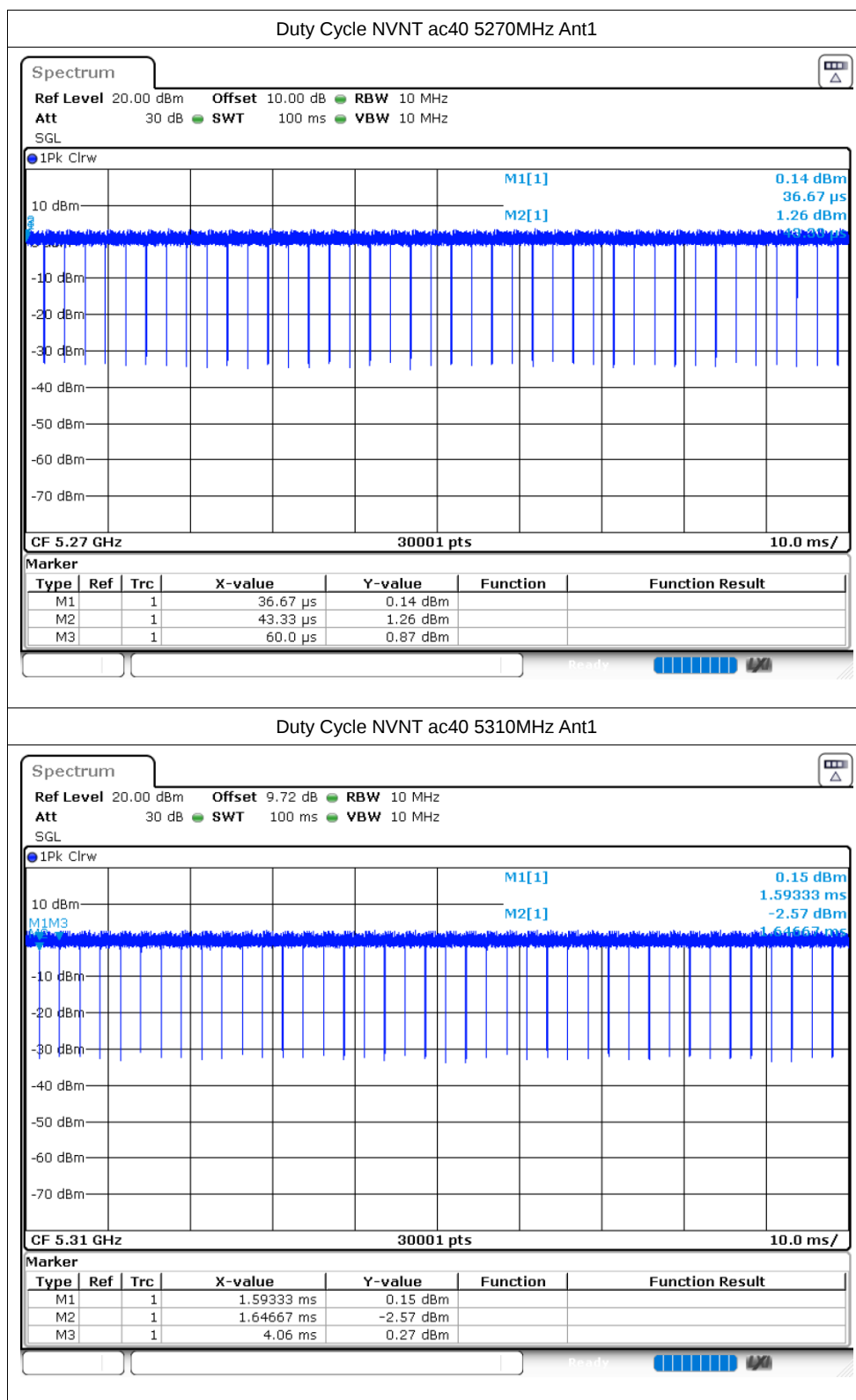


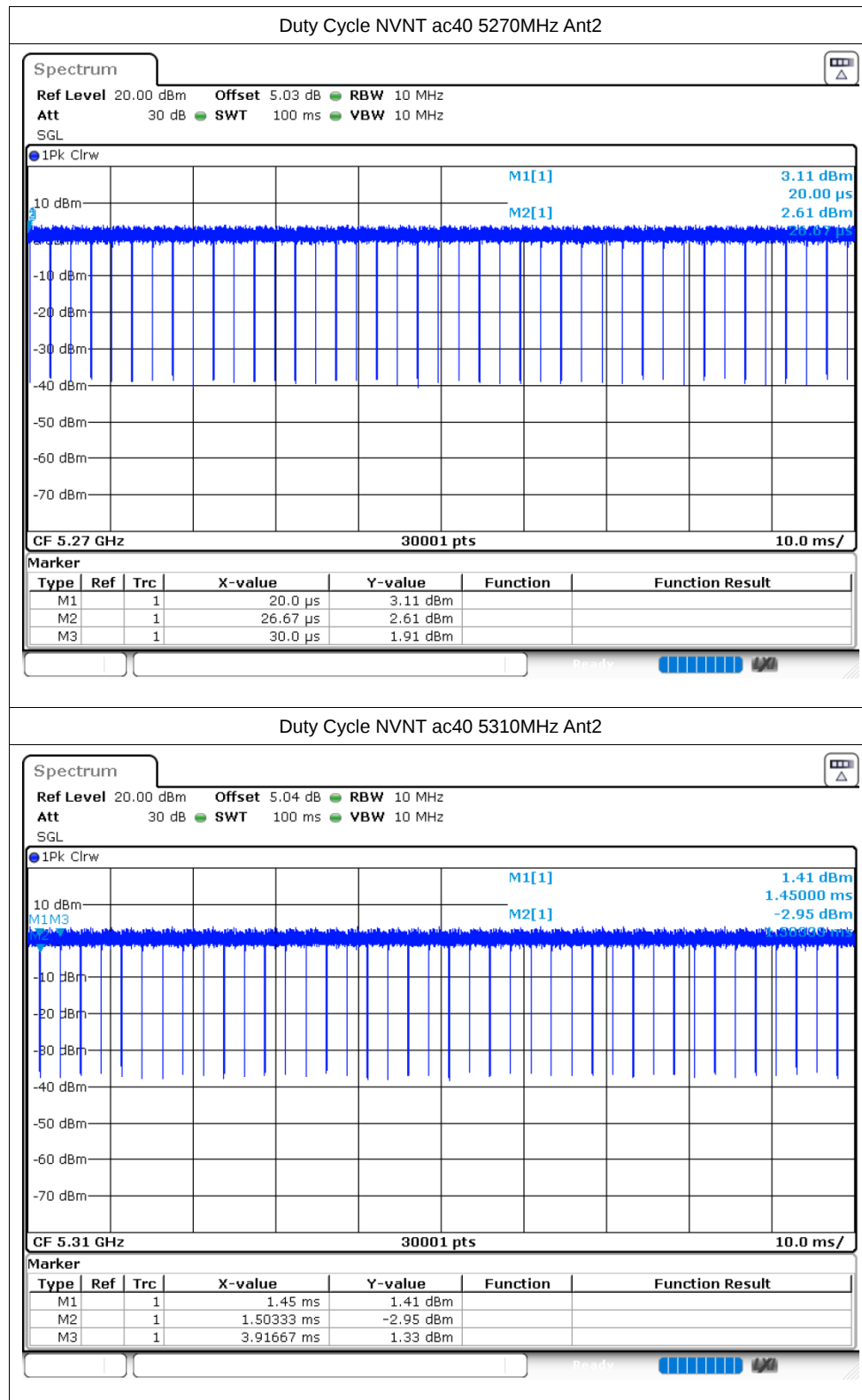


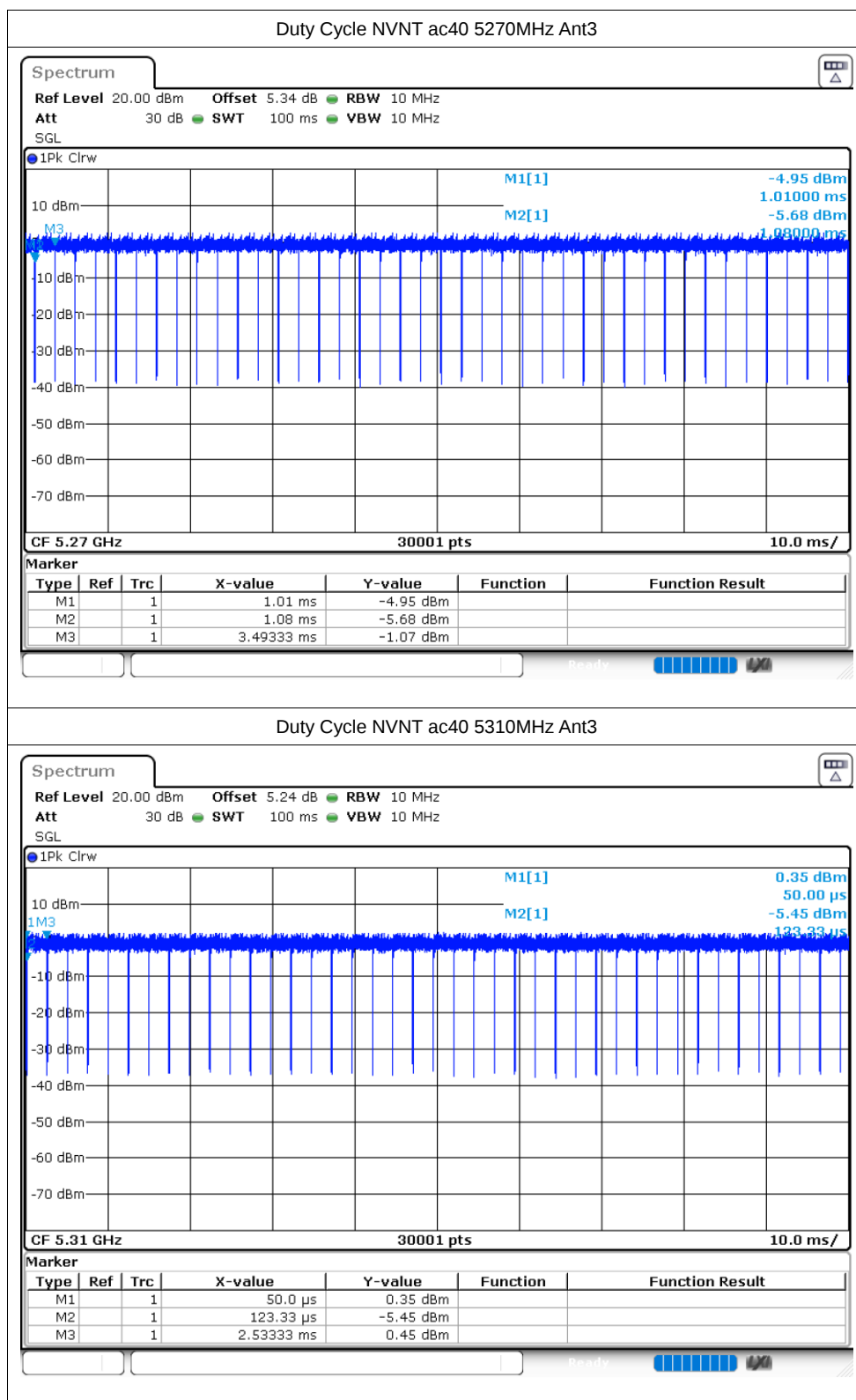


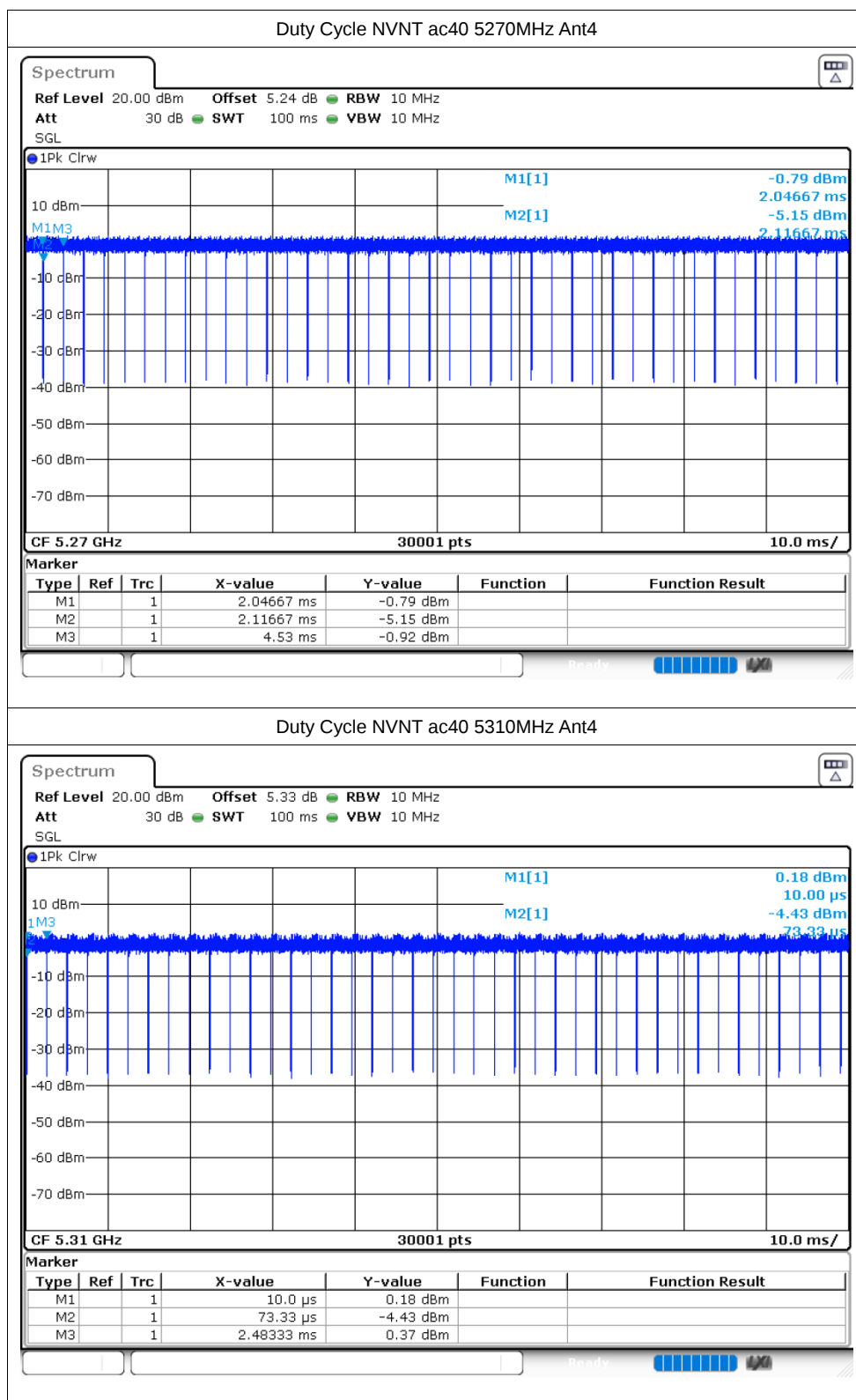


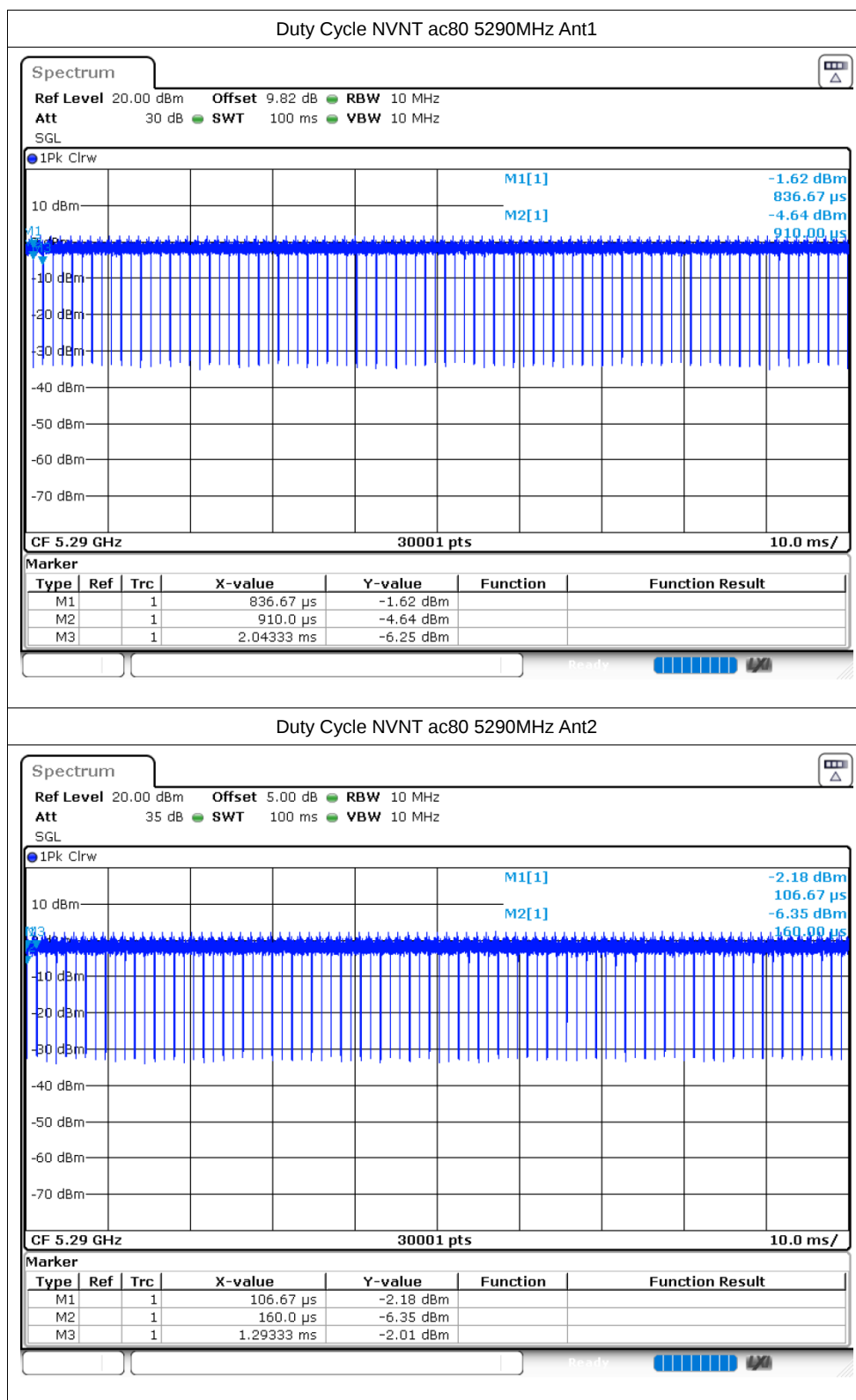


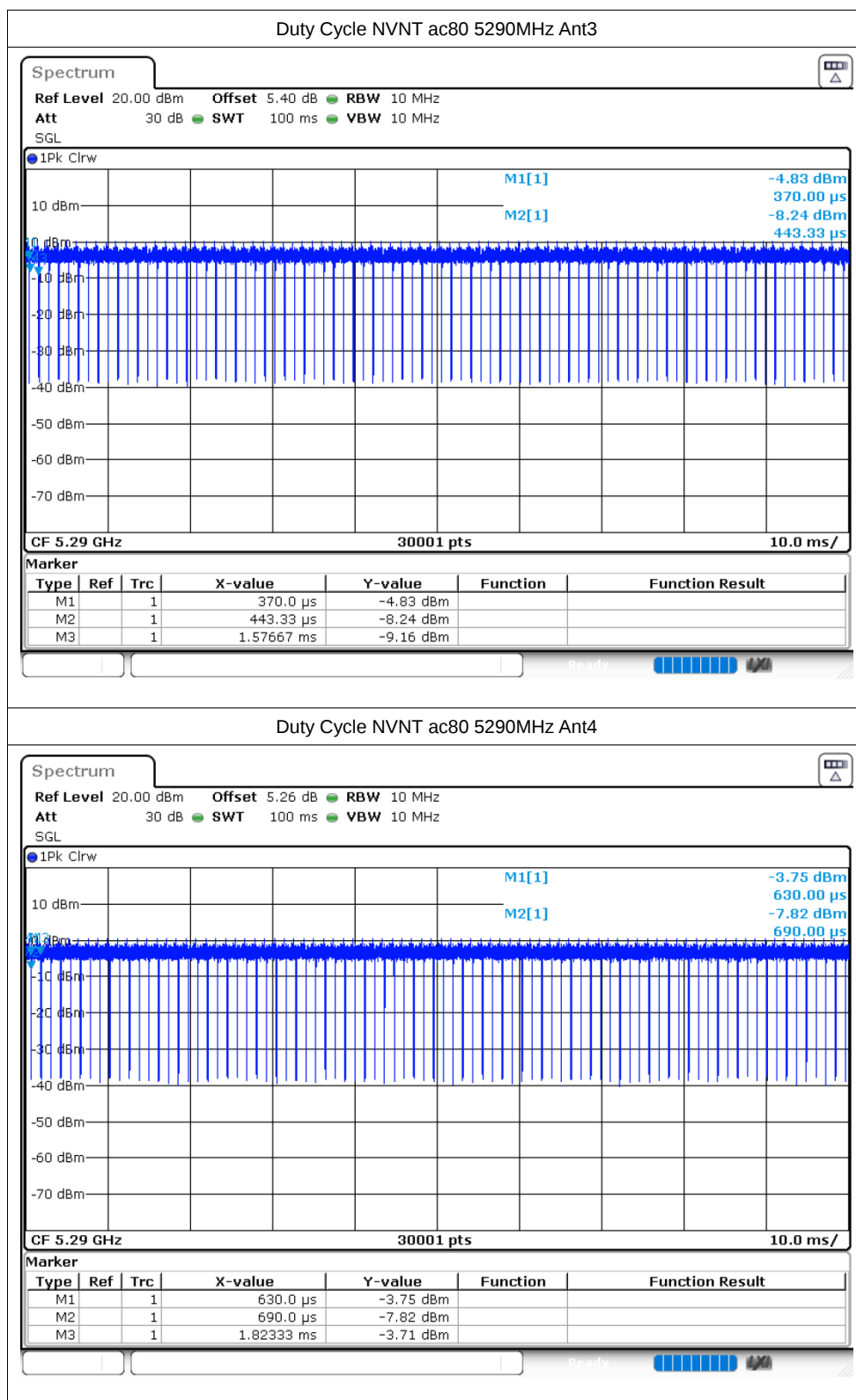


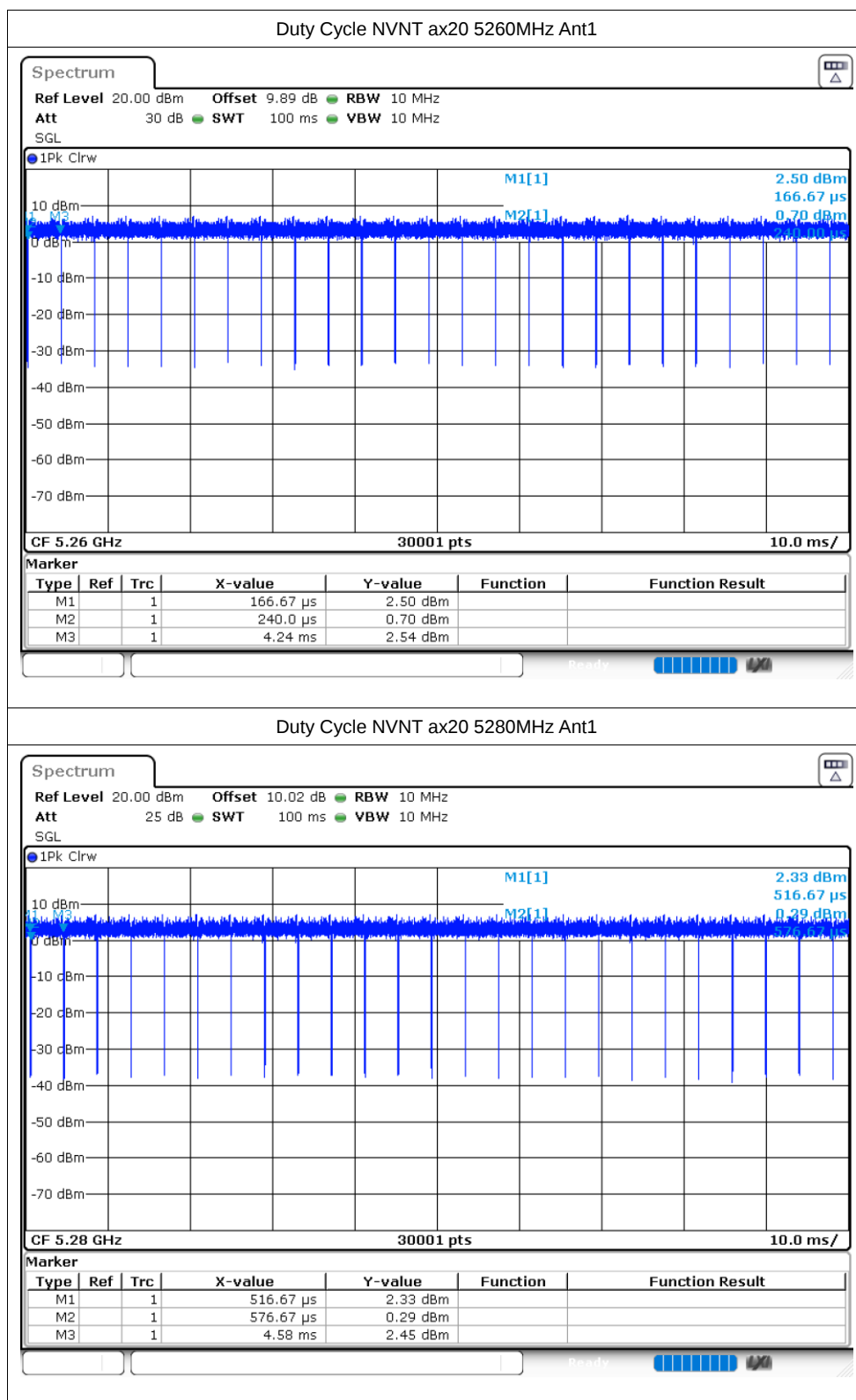


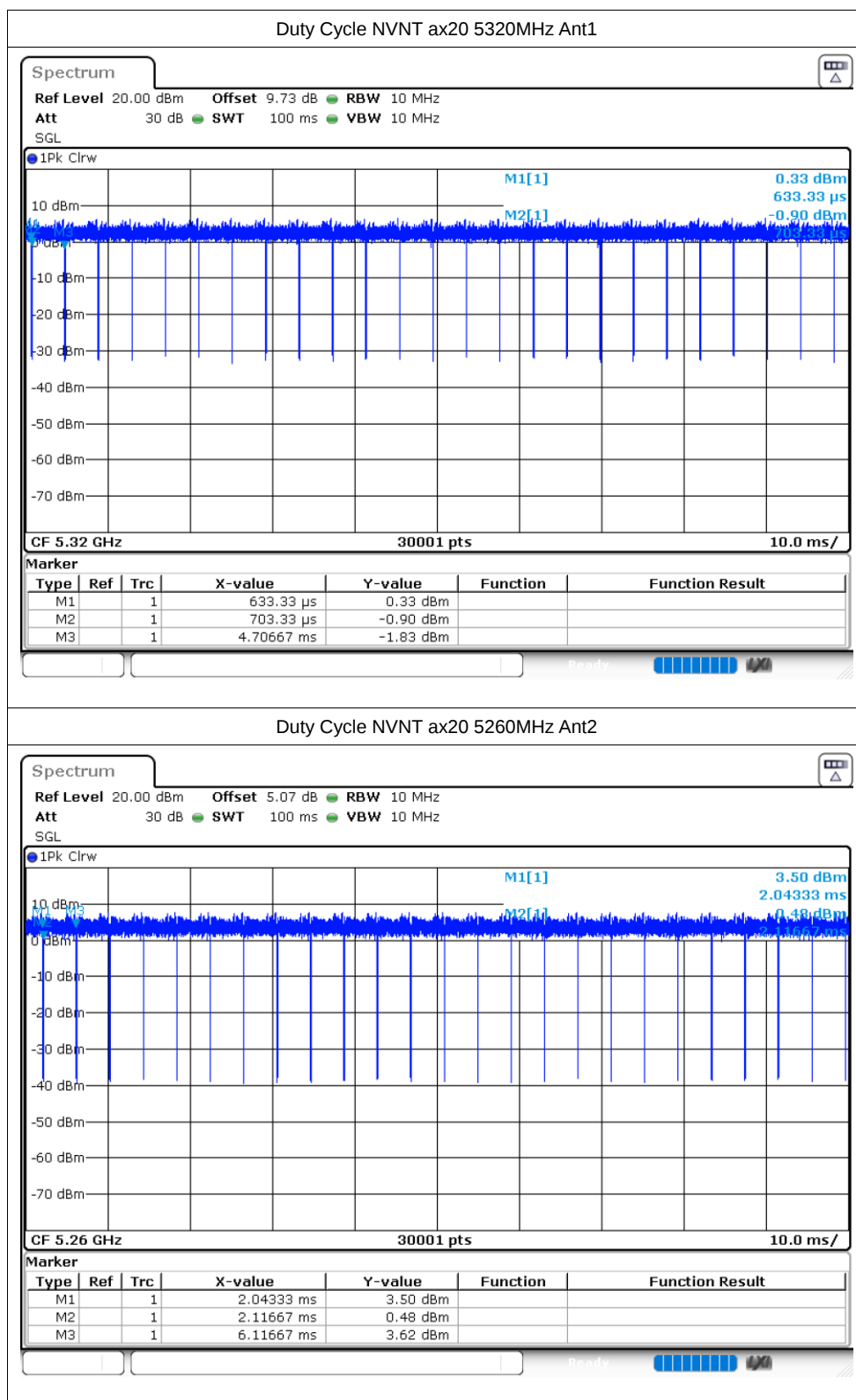


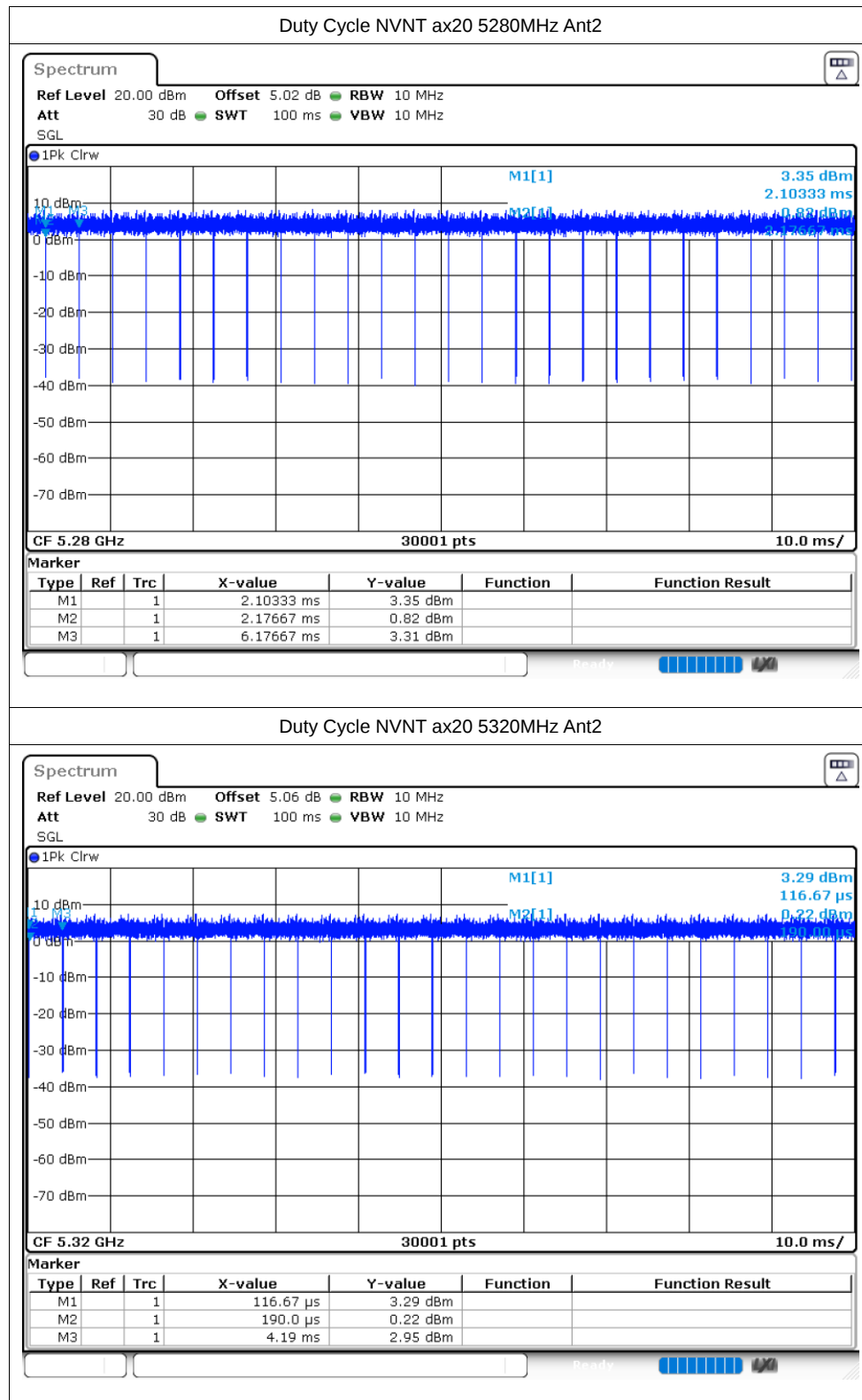


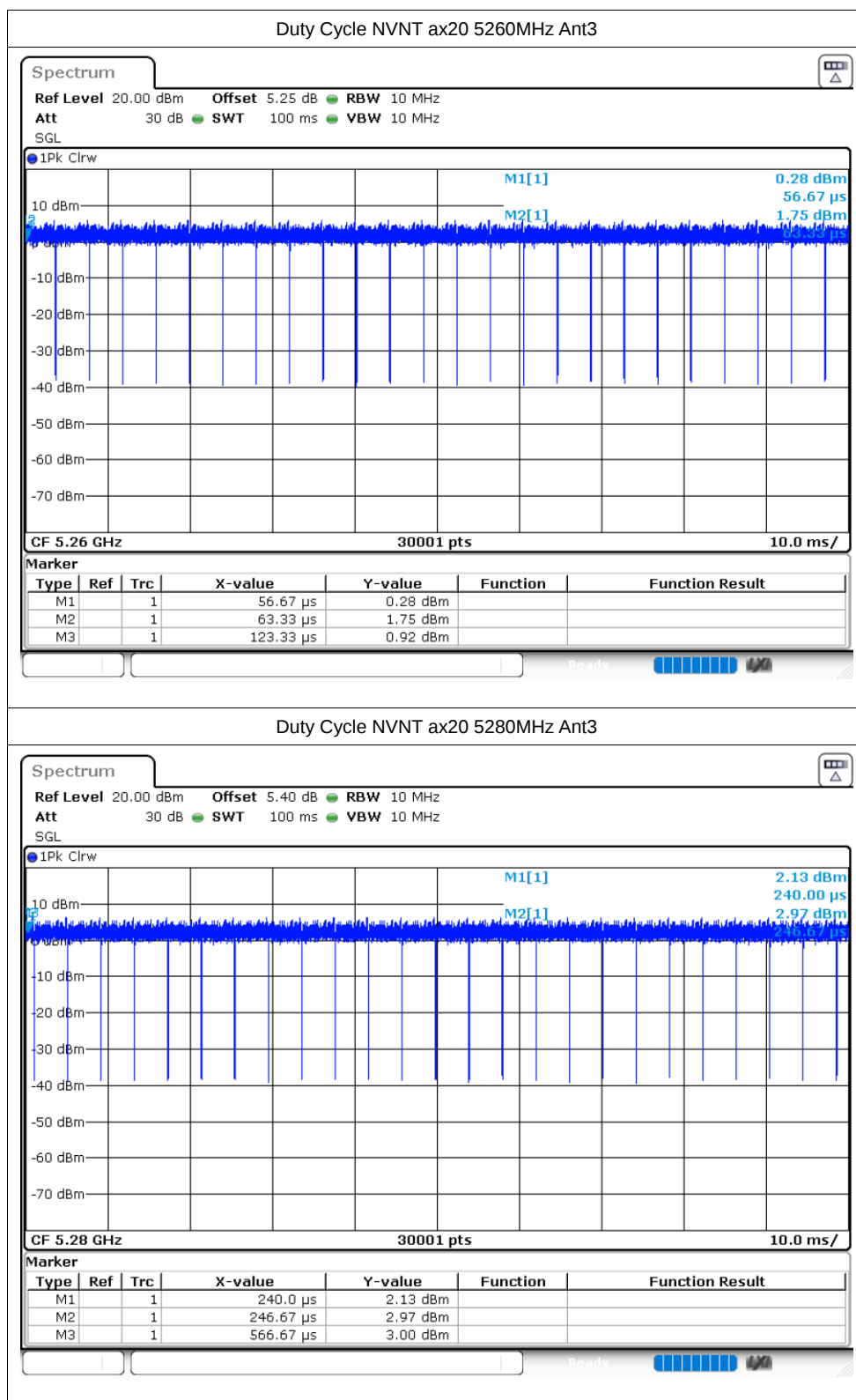


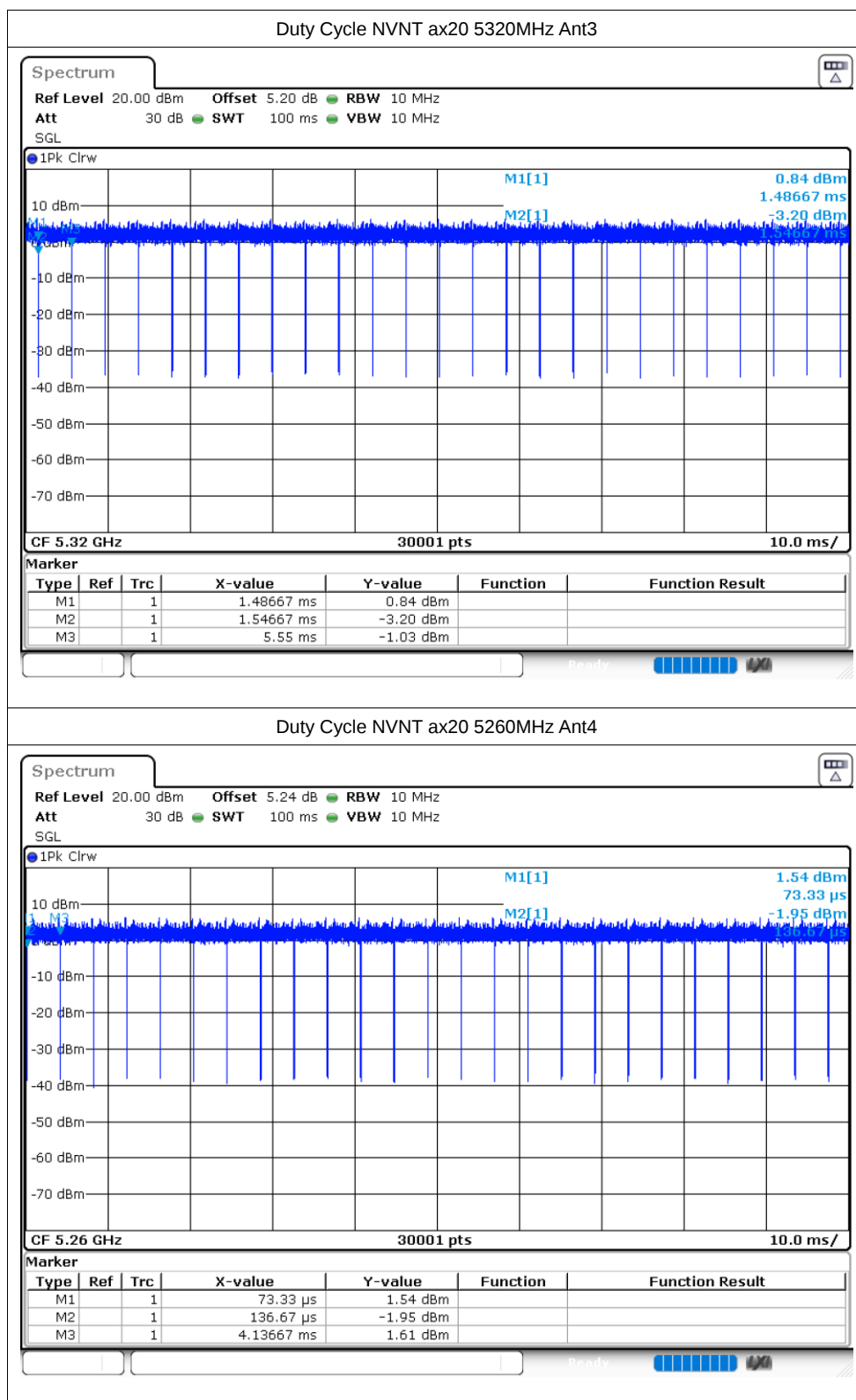


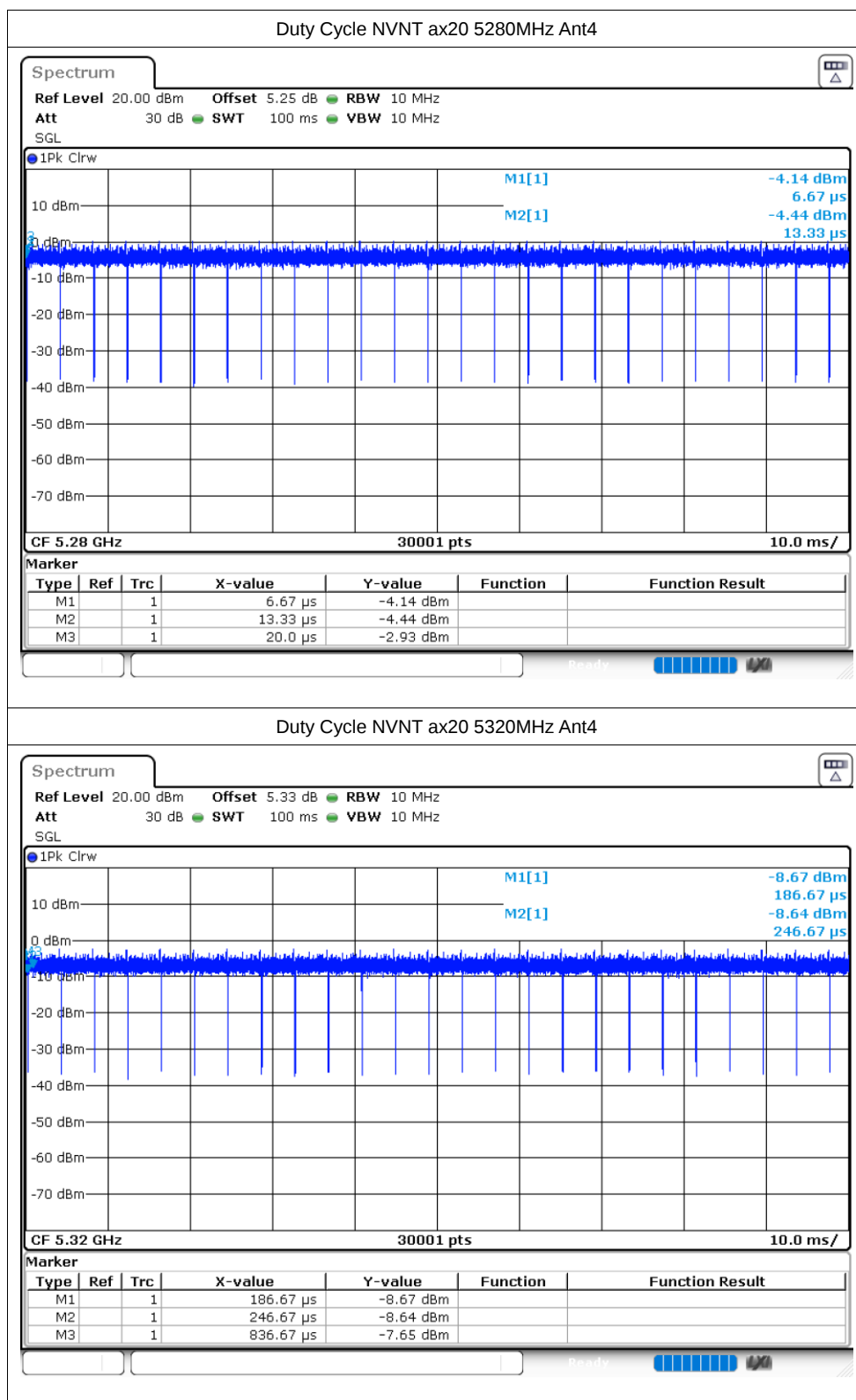


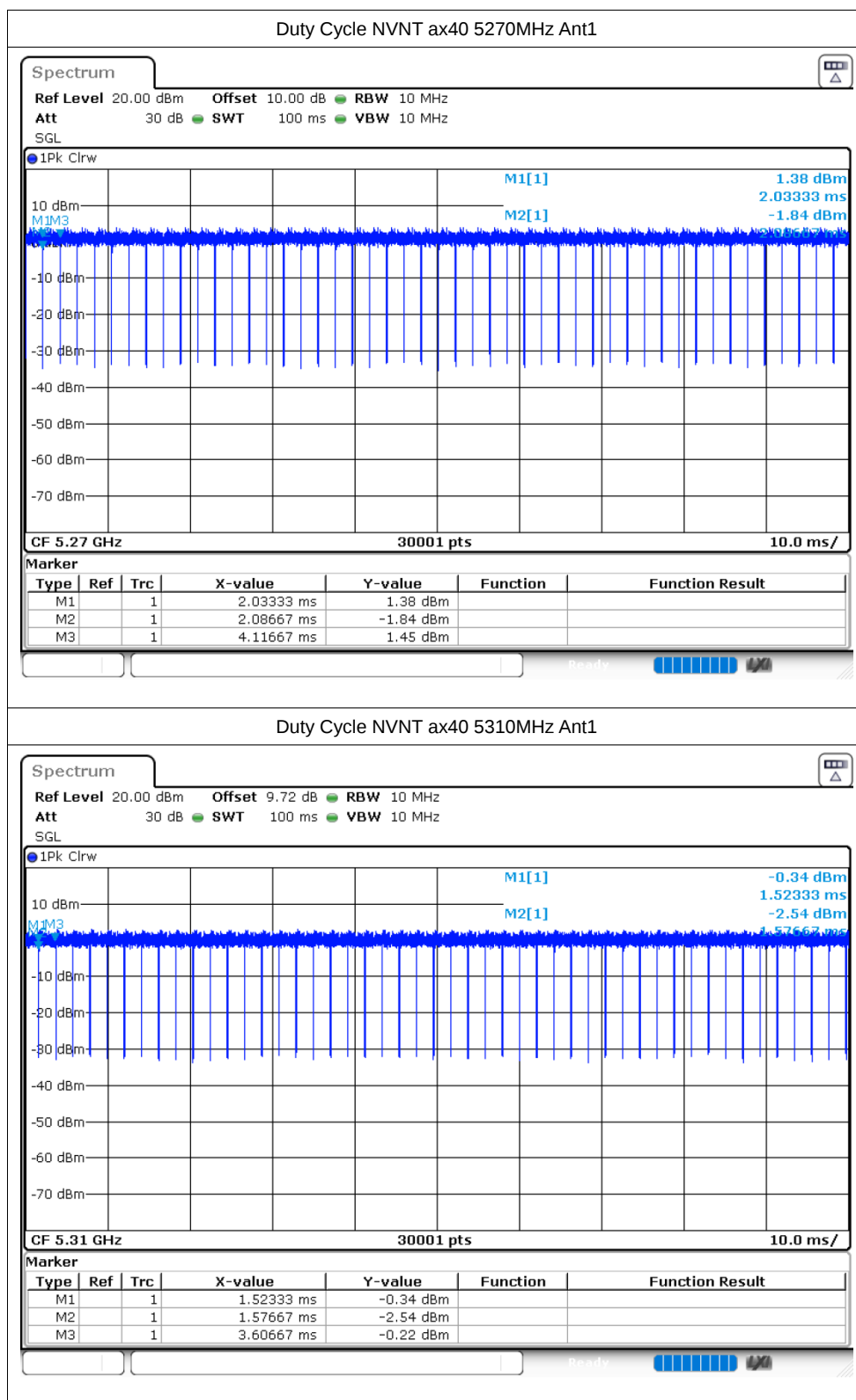


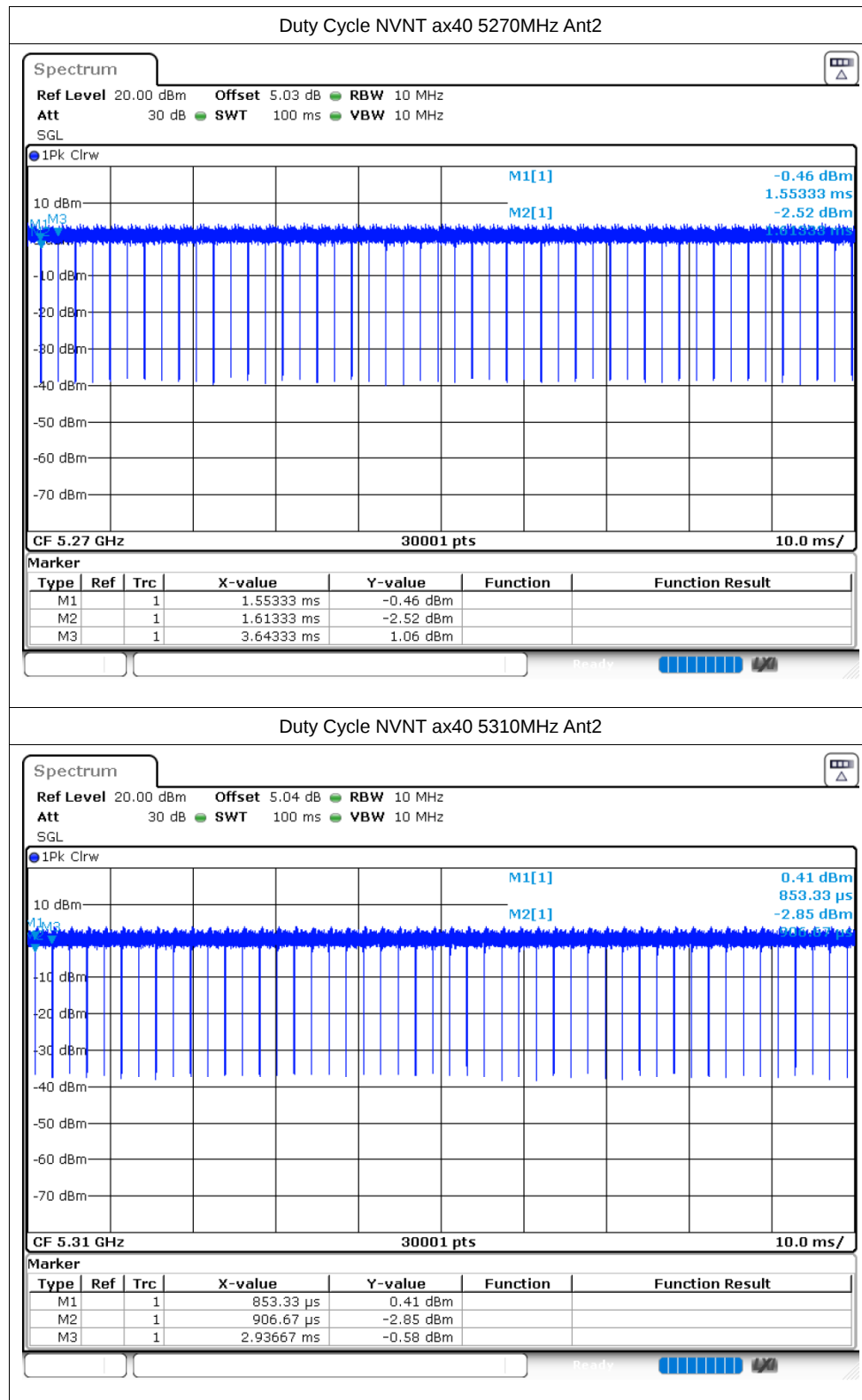


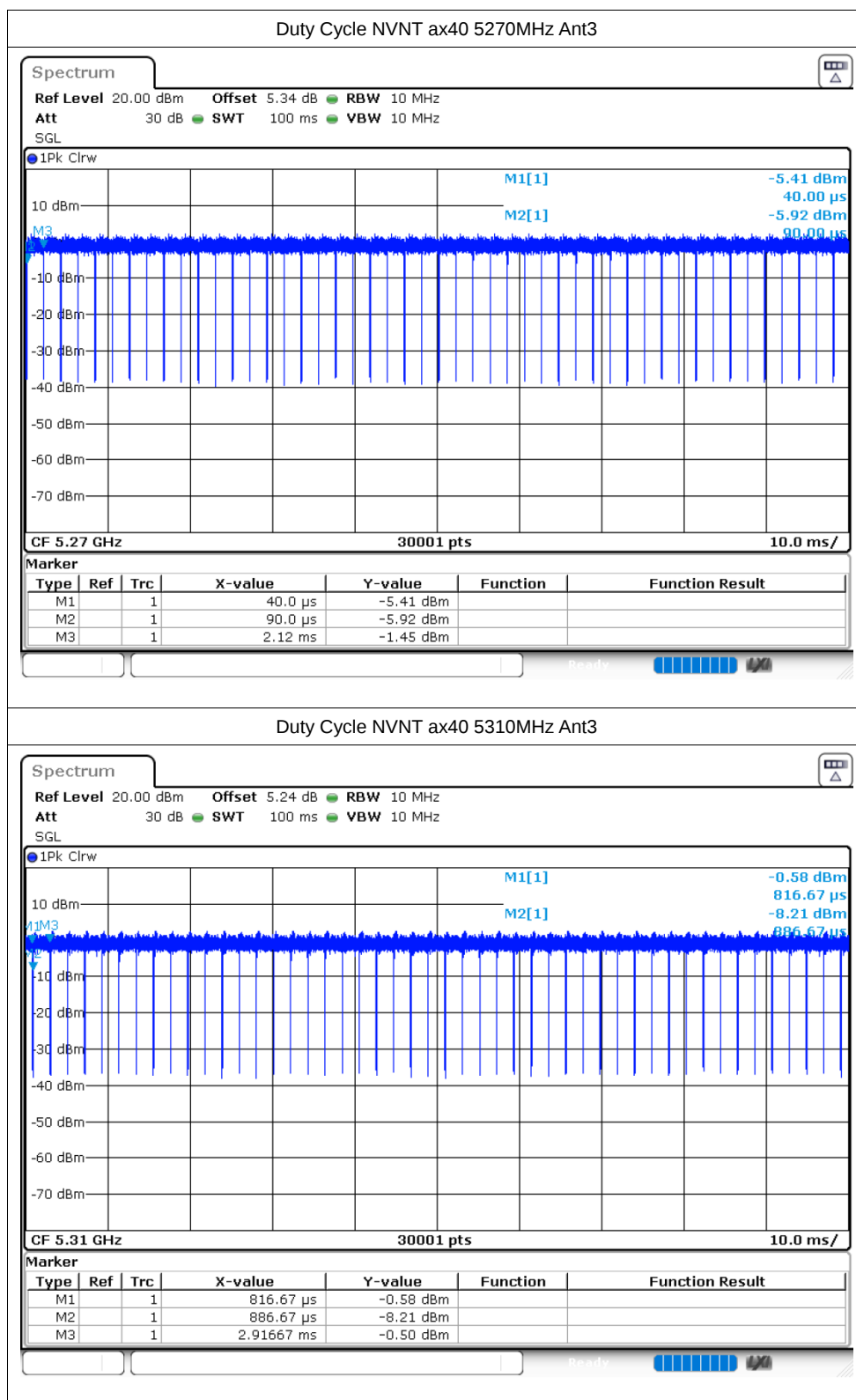




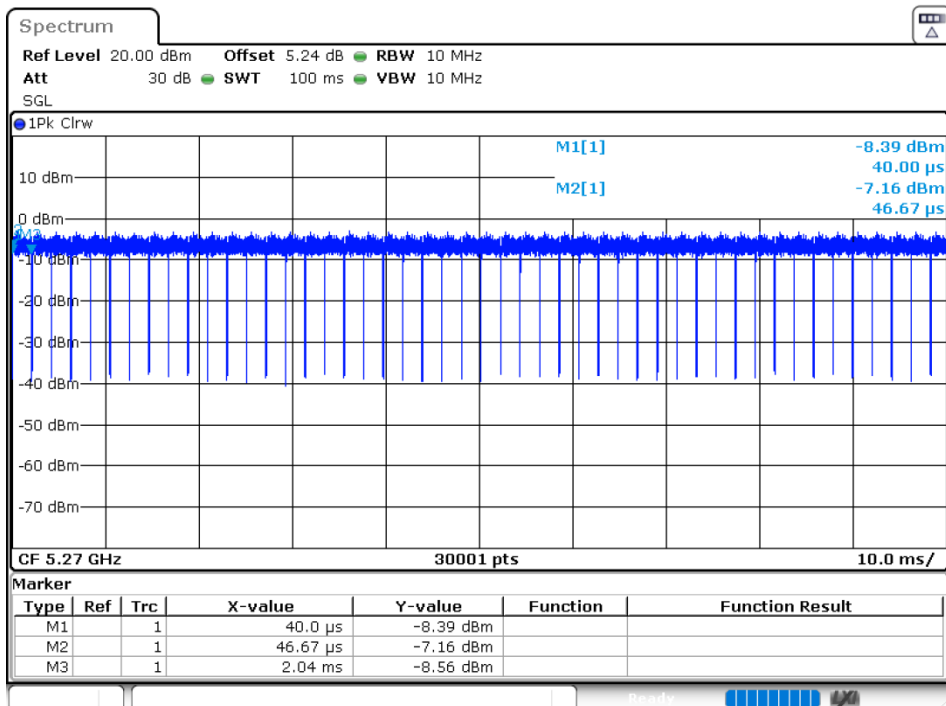




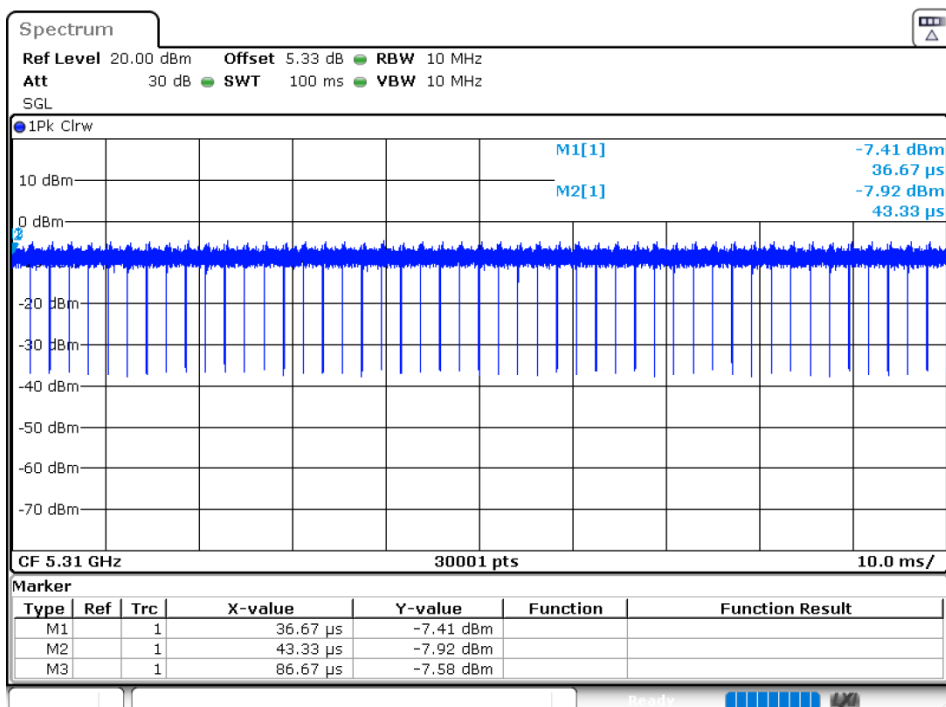


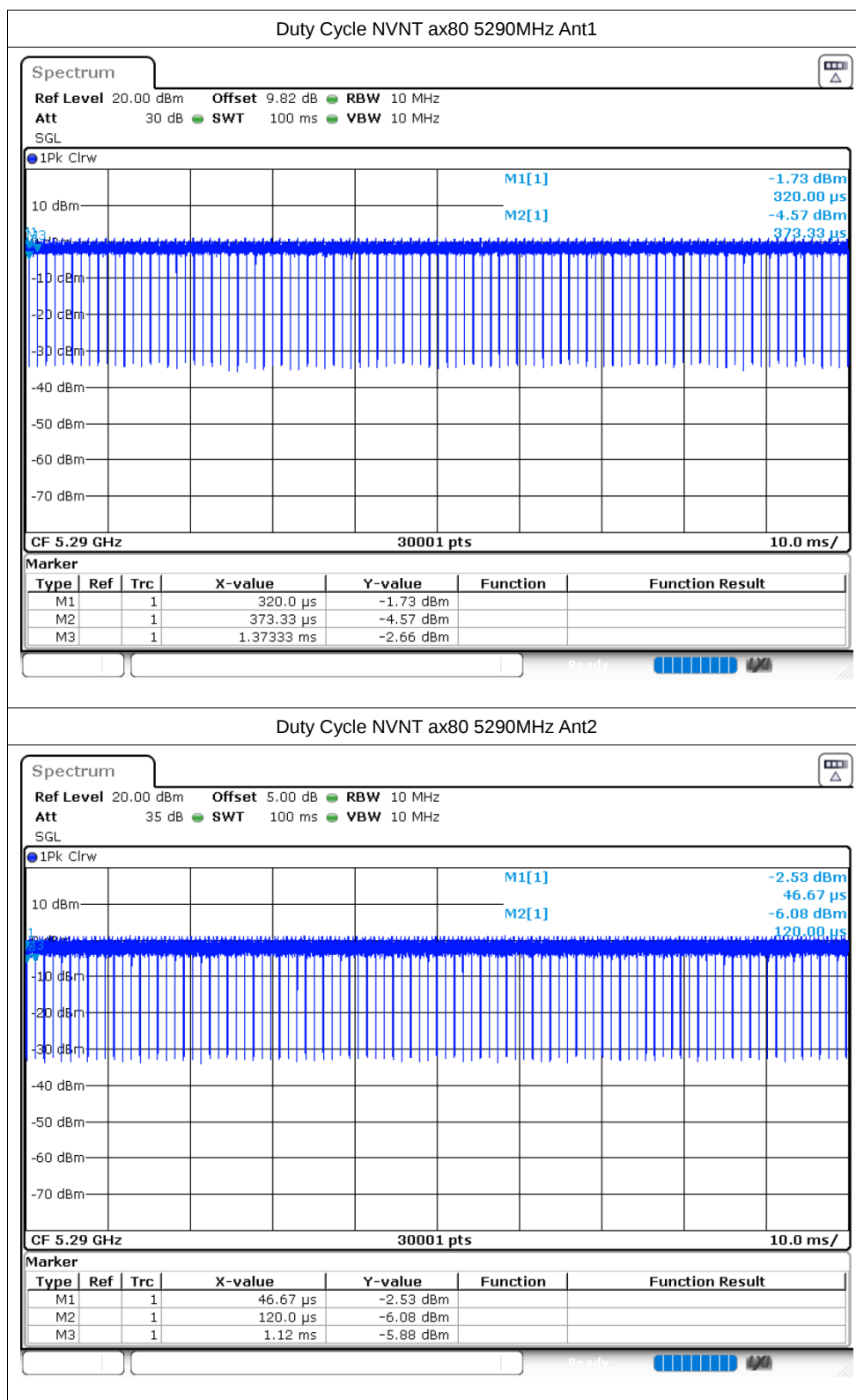


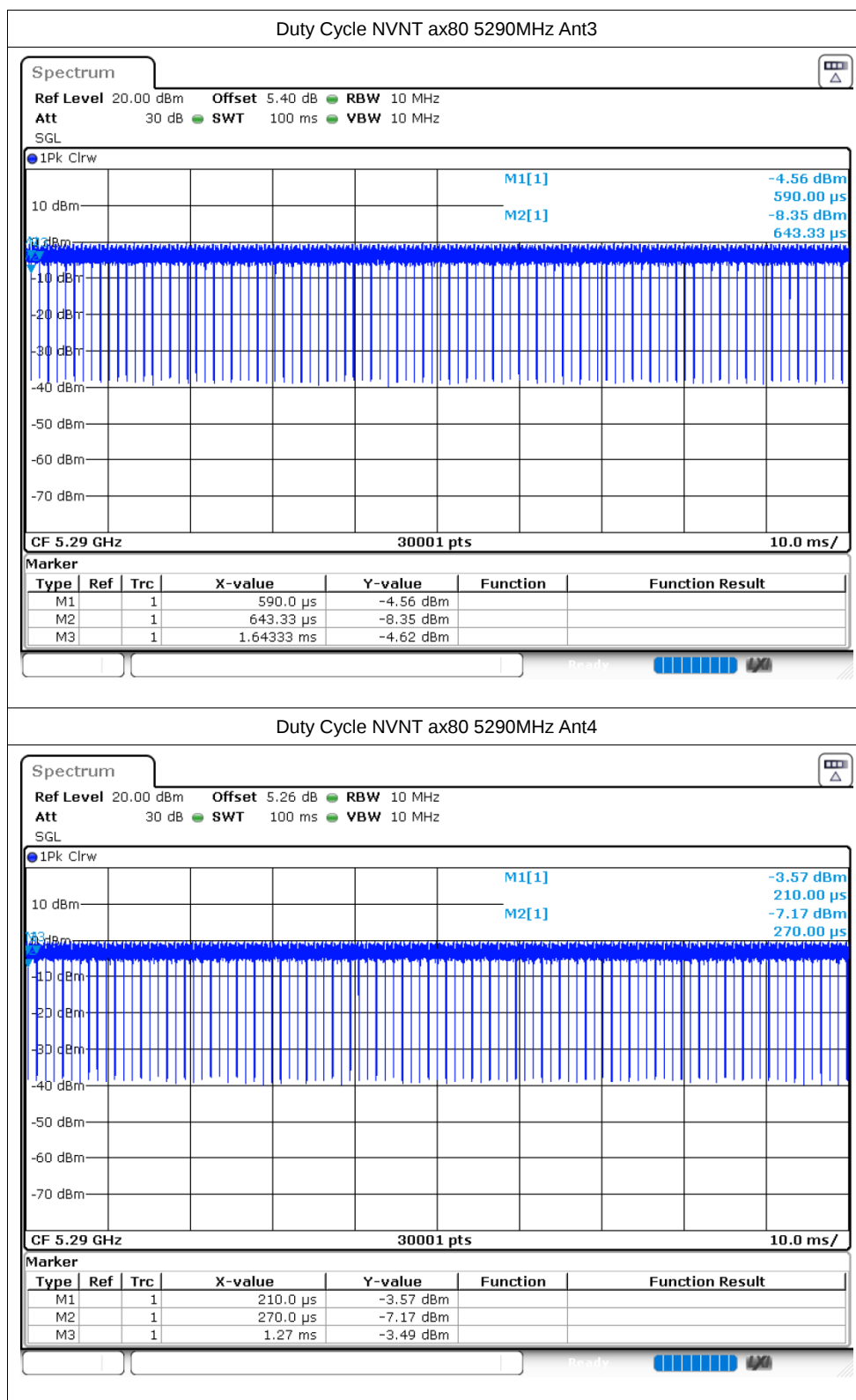
Duty Cycle NVNT ax40 5270MHz Ant4



Duty Cycle NVNT ax40 5310MHz Ant4







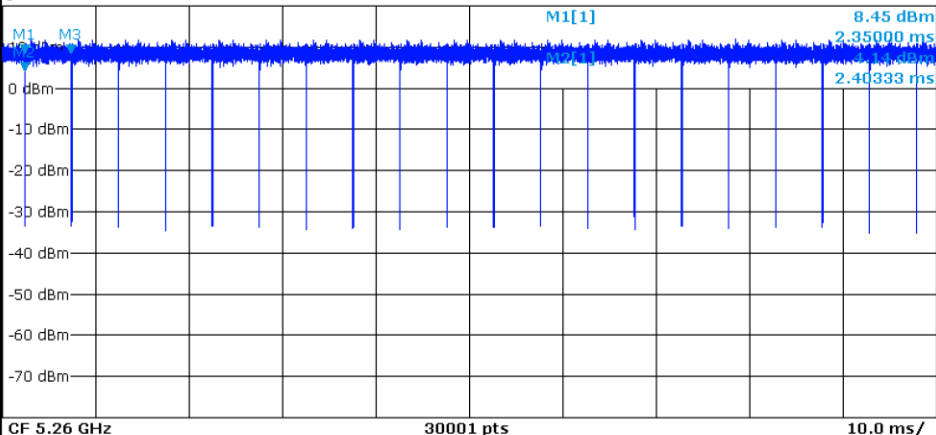
Test Graphs

Duty Cycle NVNT ac20 5260MHz Ant5

Spectrum

Ref Level 20.00 dBm Offset 9.89 dB RBW 10 MHz
Att 30 dB SWT 100 ms VBW 10 MHz
SGL

1Pk Clrw



Marker

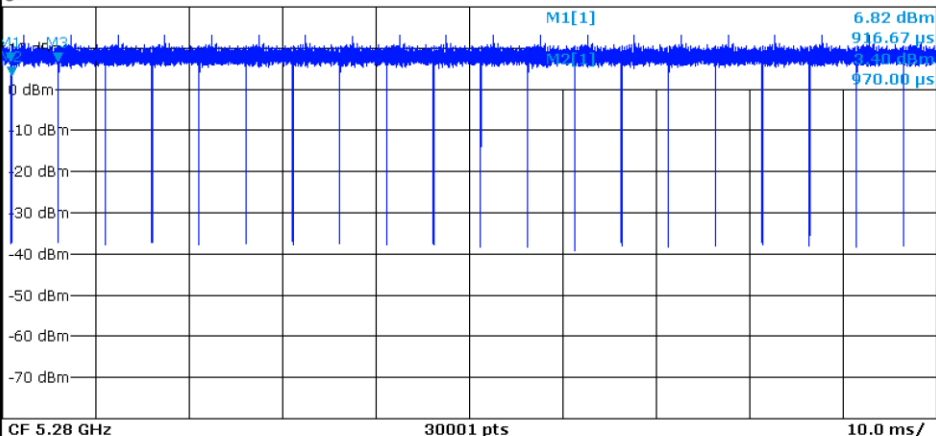
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.35 ms	8.45 dBm		
M2	1		2.40333 ms	4.14 dBm		
M3	1		7.37 ms	8.44 dBm		

Duty Cycle NVNT ac20 5280MHz Ant5

Spectrum

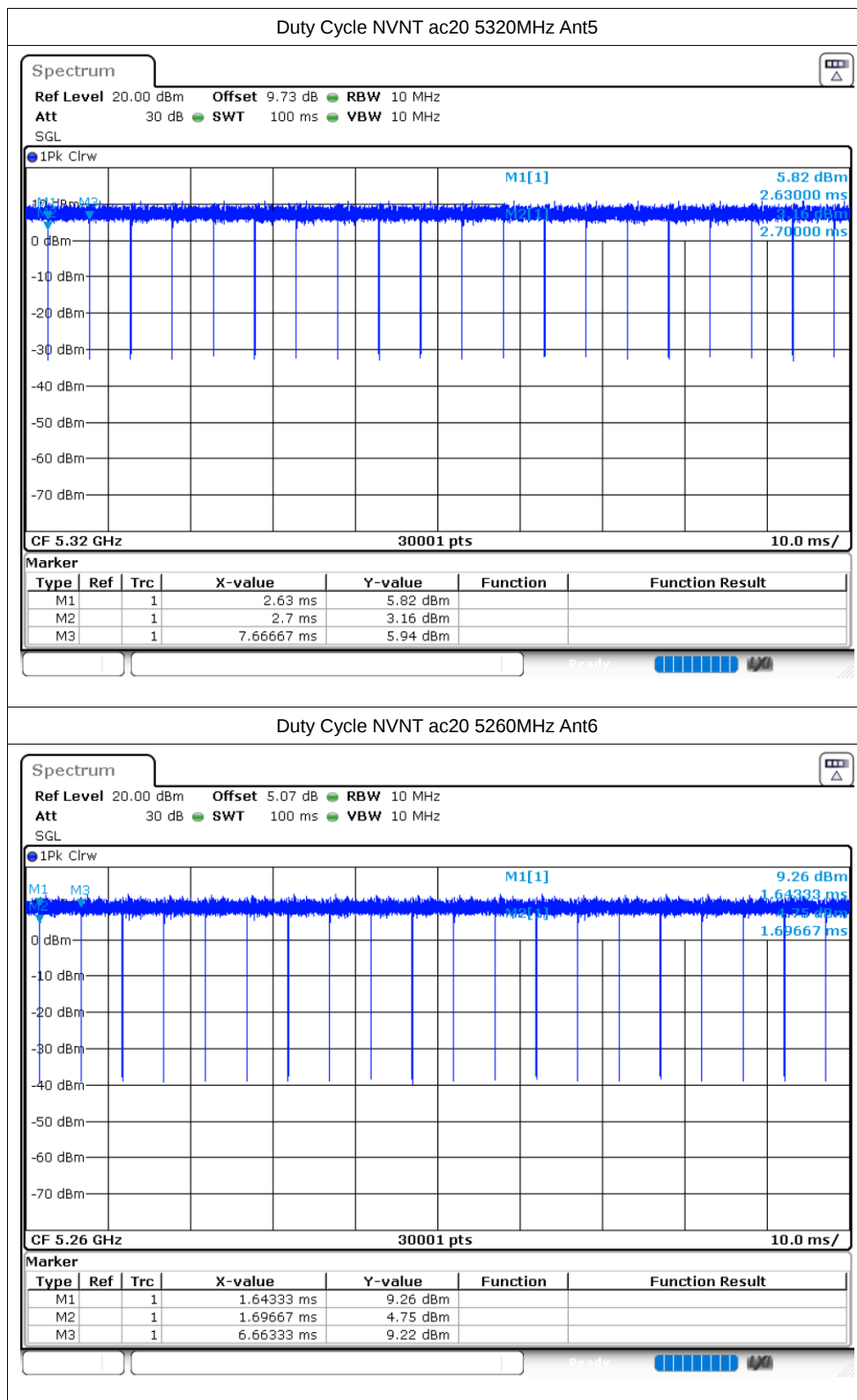
Ref Level 20.00 dBm Offset 10.02 dB RBW 10 MHz
Att 25 dB SWT 100 ms VBW 10 MHz
SGL

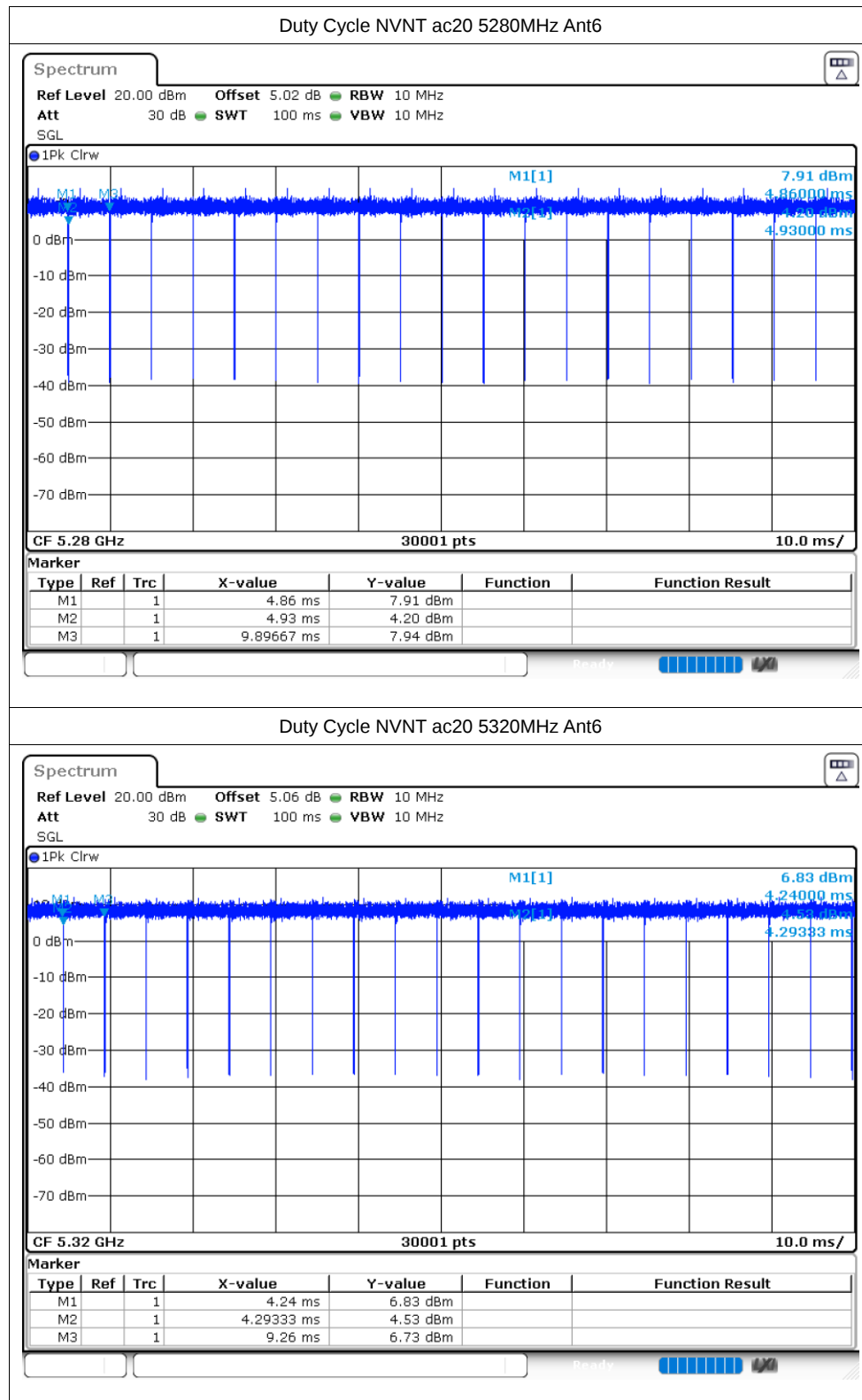
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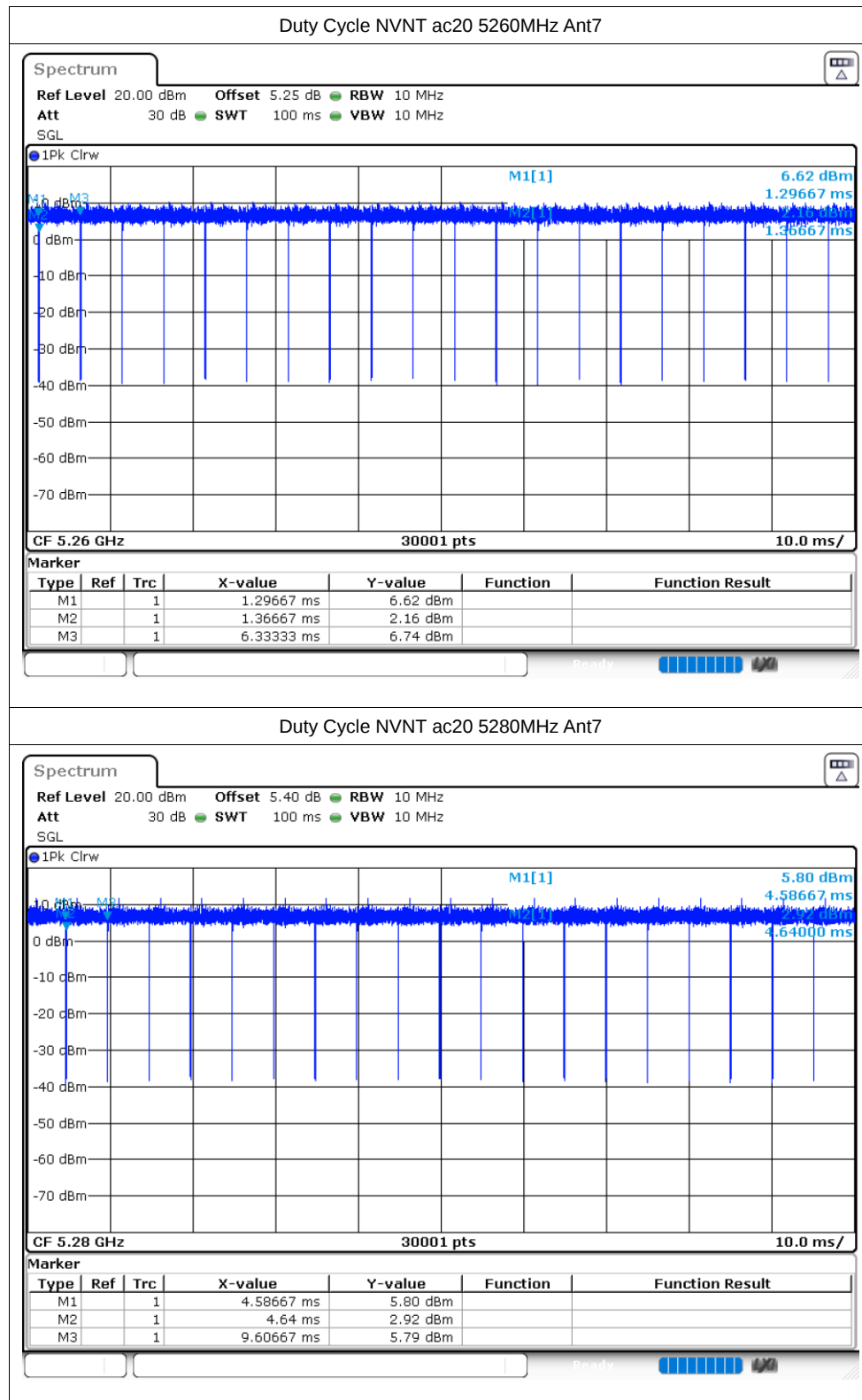


Marker

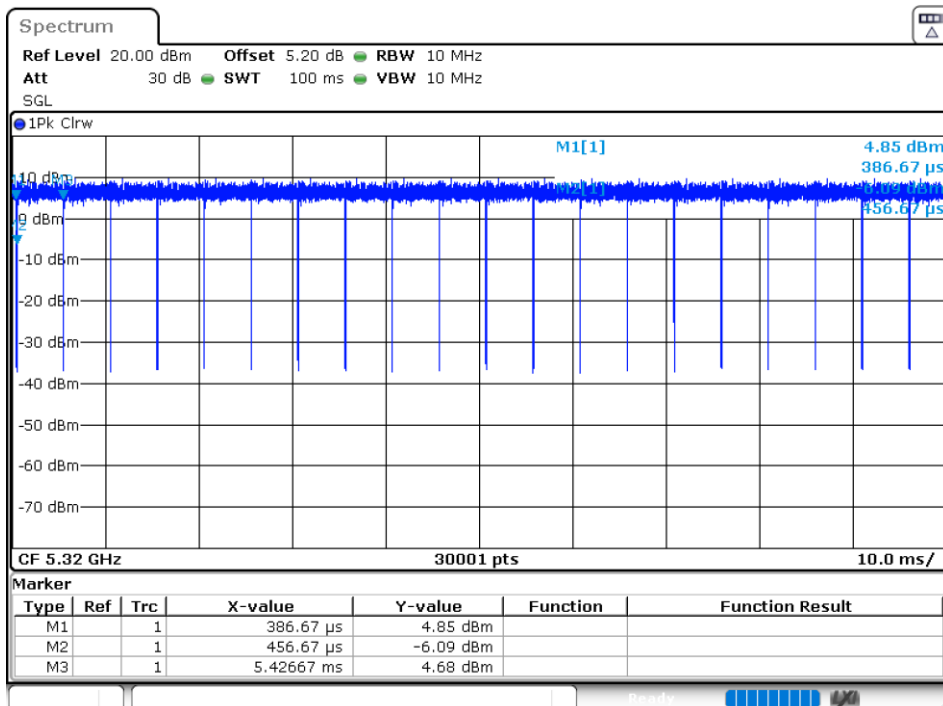
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		916.67 μs	6.82 dBm		
M2	1		970.0 μs	3.40 dBm		
M3	1		5.93667 ms	6.88 dBm		







Duty Cycle NVNT ac20 5320MHz Ant7



Duty Cycle NVNT ac20 5260MHz Ant8

