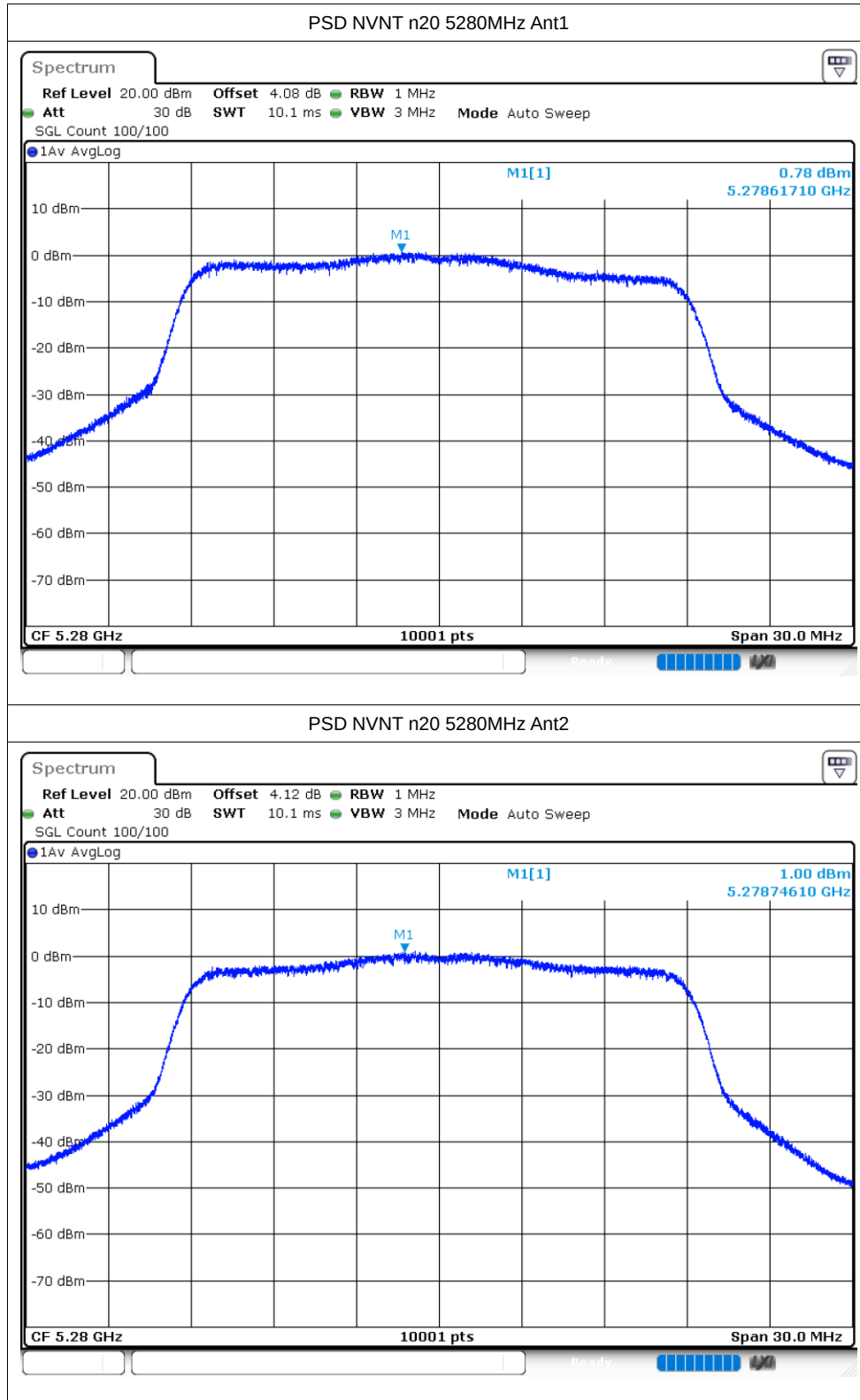
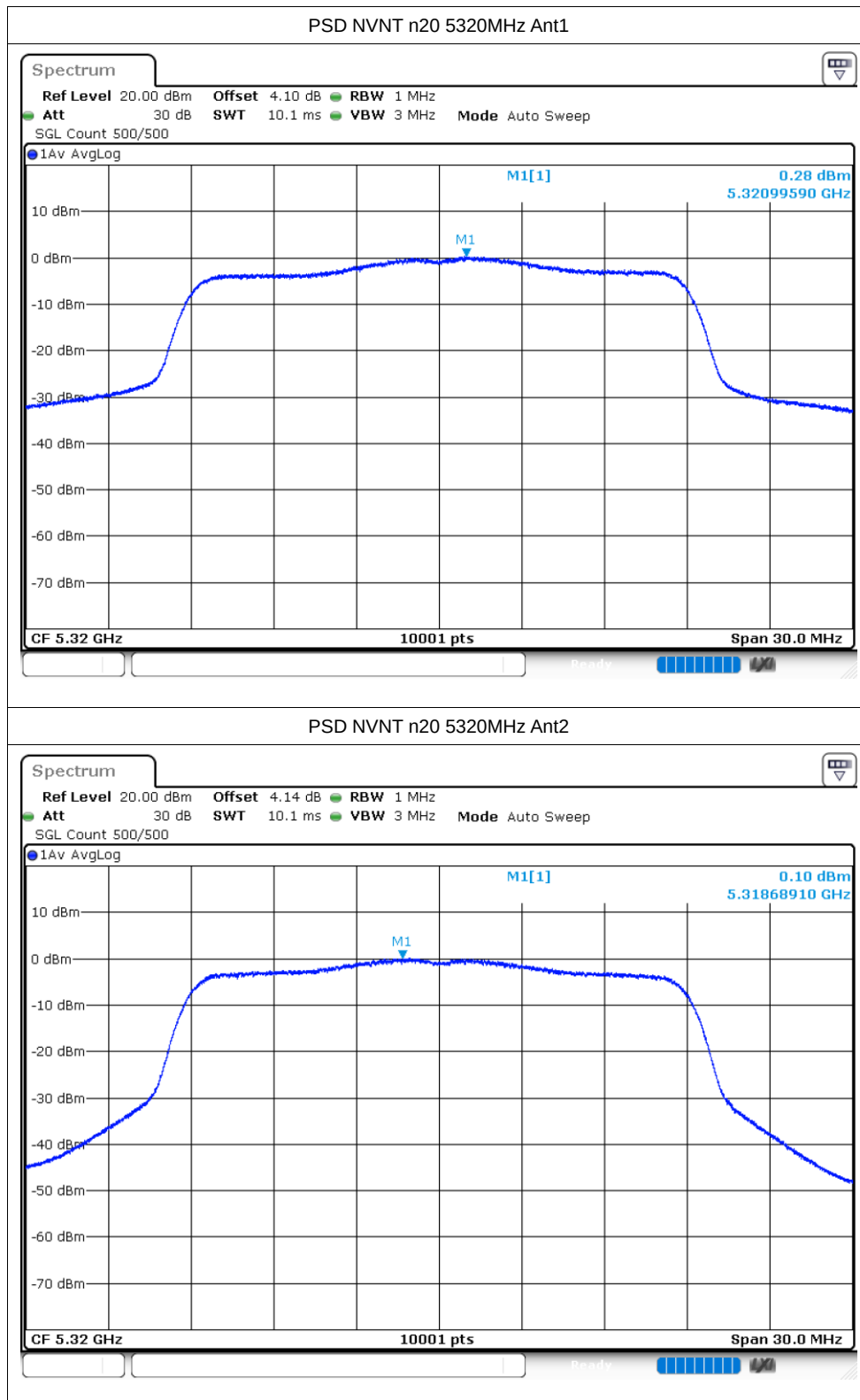
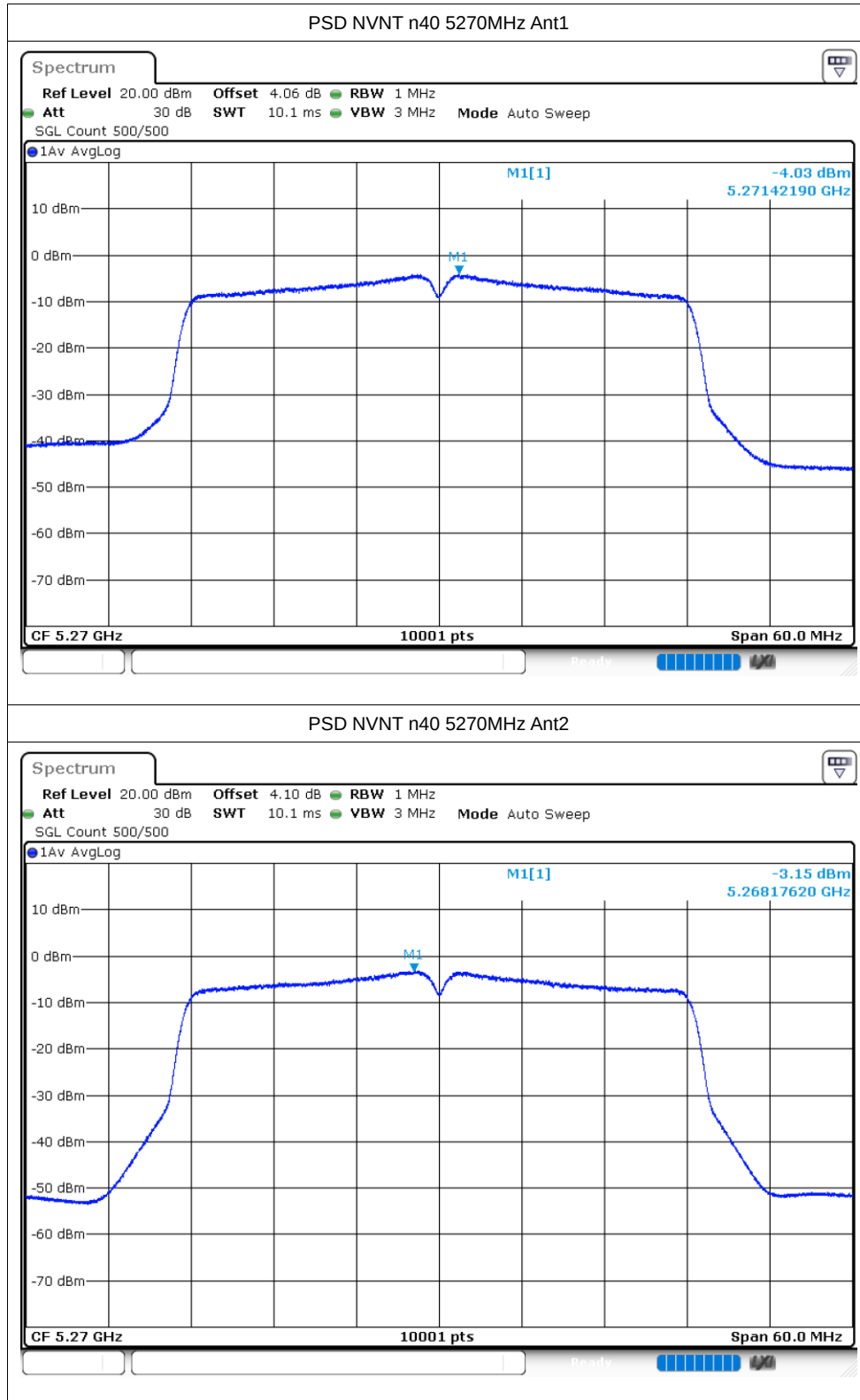
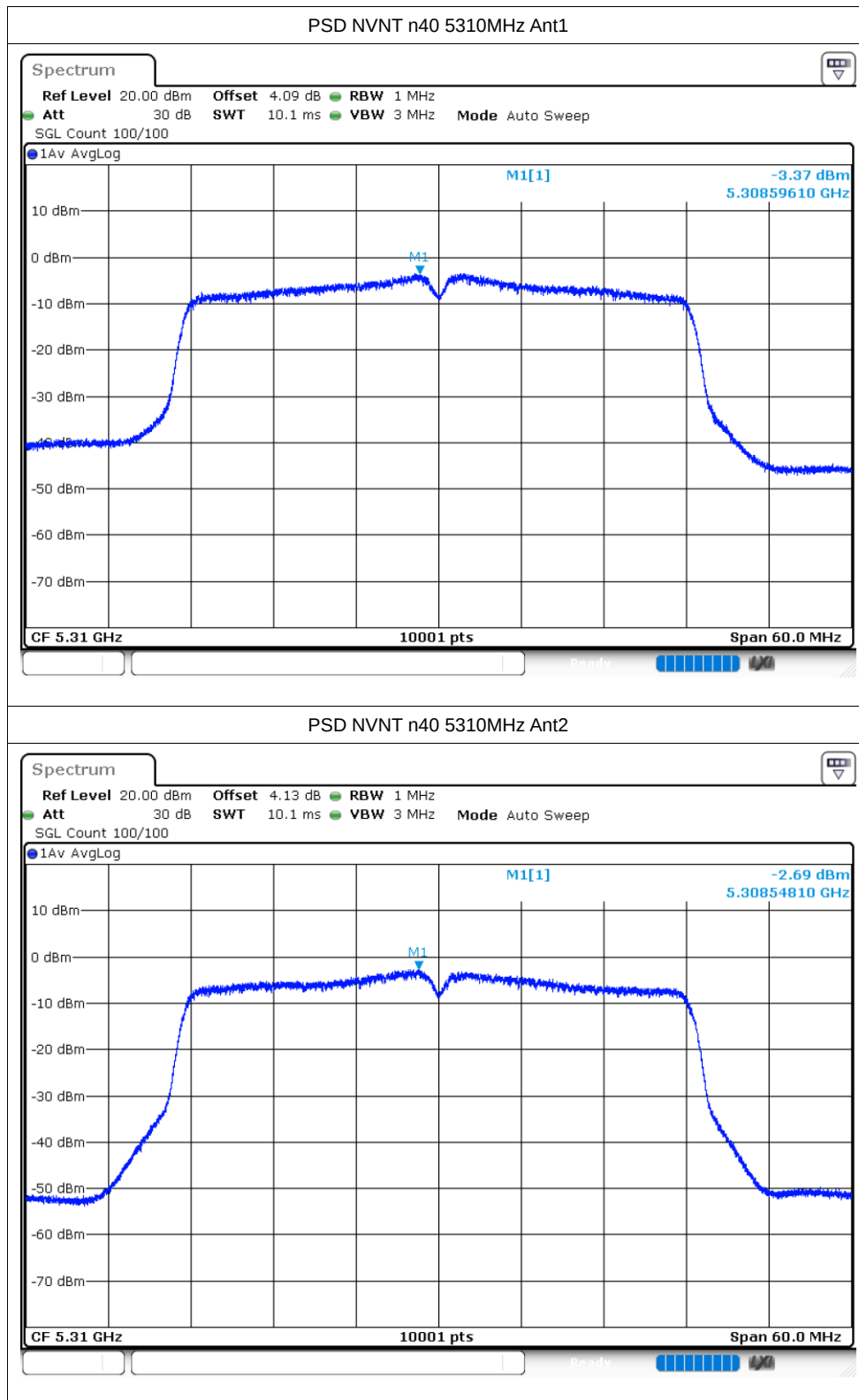










WIFI 5.6G

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	99.88	0.01	0.51
NVNT	a	5600	Ant1	99.88	0.01	0.51
NVNT	a	5700	Ant1	99.88	0.01	0.51
NVNT	a	5500	Ant2	99.88	0.01	0.51
NVNT	a	5600	Ant2	99.88	0.01	0.51
NVNT	a	5700	Ant2	99.87	0.01	0.51
NVNT	n20	5500	Ant1	99.83	0.01	0.19
NVNT	n20	5600	Ant1	99.82	0.01	0.19
NVNT	n20	5700	Ant1	99.86	0.01	0.19
NVNT	n20	5500	Ant2	99.89	0.01	0.09
NVNT	n20	5600	Ant2	99.89	0.01	0.09
NVNT	n20	5700	Ant2	99.85	0.01	0.19
NVNT	n40	5510	Ant1	99.88	0.01	0.19
NVNT	n40	5590	Ant1	99.88	0.01	0.19
NVNT	n40	5670	Ant1	99.88	0.01	0.19
NVNT	n40	5510	Ant2	99.87	0.01	0.19
NVNT	n40	5590	Ant2	99.87	0.01	0.06
NVNT	n40	5670	Ant2	99.88	0.01	0.19
NVNT	ac20	5500	Ant1	99.88	0.01	0.19
NVNT	ac20	5600	Ant1	99.87	0.01	0.19
NVNT	ac20	5700	Ant1	99.88	0.01	0.19
NVNT	ac20	5500	Ant2	99.87	0.01	0.19
NVNT	ac20	5600	Ant2	99.86	0.01	0.19
NVNT	ac20	5700	Ant2	99.87	0.01	0.19
NVNT	ac40	5510	Ant1	99.88	0.01	0.06
NVNT	ac40	5590	Ant1	99.88	0.01	0.19
NVNT	ac40	5670	Ant1	99.88	0.01	0.19
NVNT	ac40	5510	Ant2	99.88	0.01	0.06
NVNT	ac40	5590	Ant2	99.88	0.01	0.19
NVNT	ac40	5670	Ant2	99.88	0.01	0.06
NVNT	ac80	5530	Ant1	99.81	0.01	0.16
NVNT	ac80	5610	Ant1	99.81	0.01	0.16
NVNT	ac80	5530	Ant2	99.81	0.01	0.32
NVNT	ac80	5610	Ant2	99.81	0.01	0.16
NVNT	ax160	5570	Ant1	99.72	0.01	0.23
NVNT	ax160	5570	Ant2	99.74	0.01	0.45

NVNT	ax20	5500	Ant1	99.86	0.01	0.19
NVNT	ax20	5600	Ant1	99.87	0.01	0.09
NVNT	ax20	5700	Ant1	99.86	0.01	0.19
NVNT	ax20	5500	Ant2	99.86	0.01	0.09
NVNT	ax20	5600	Ant2	99.88	0.01	0.19
NVNT	ax20	5700	Ant2	99.87	0.01	0.19
NVNT	ax40	5510	Ant1	99.87	0.01	0.1
NVNT	ax40	5590	Ant1	99.87	0.01	0.1
NVNT	ax40	5670	Ant1	99.87	0.01	0.1
NVNT	ax40	5510	Ant2	99.87	0.01	0.1
NVNT	ax40	5590	Ant2	99.87	0.01	0.1
NVNT	ax40	5670	Ant2	99.88	0.01	0.1
NVNT	ax80	5530	Ant1	99.77	0.01	0.39
NVNT	ax80	5610	Ant1	99.77	0.01	0.39
NVNT	ax80	5530	Ant2	99.77	0.01	0.39
NVNT	ax80	5610	Ant2	99.78	0.01	0.39

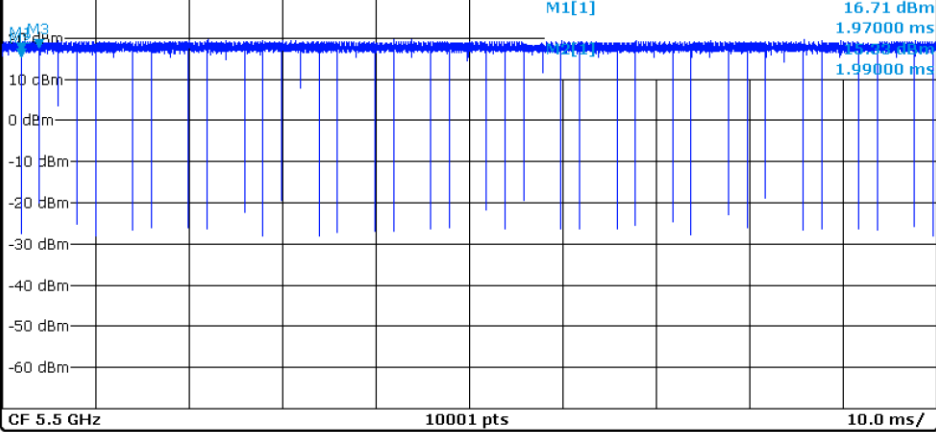
Test Graphs

Duty Cycle NVNT a 5500MHz Ant1

Spectrum

Ref Level 30.00 dBm Offset 4.13 dB RBW 10 MHz
Att 40 dB SWT 100 ms VBW 10 MHz
SGL

1Pk Clrw



Marker

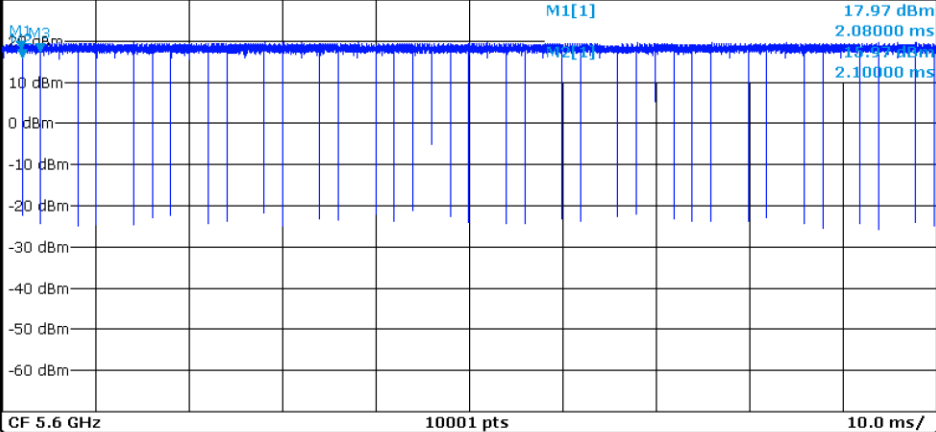
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.97 ms	16.71 dBm		
M2	1		1.99 ms	15.33 dBm		
M3	1		3.96 ms	17.78 dBm		

Duty Cycle NVNT a 5600MHz Ant1

Spectrum

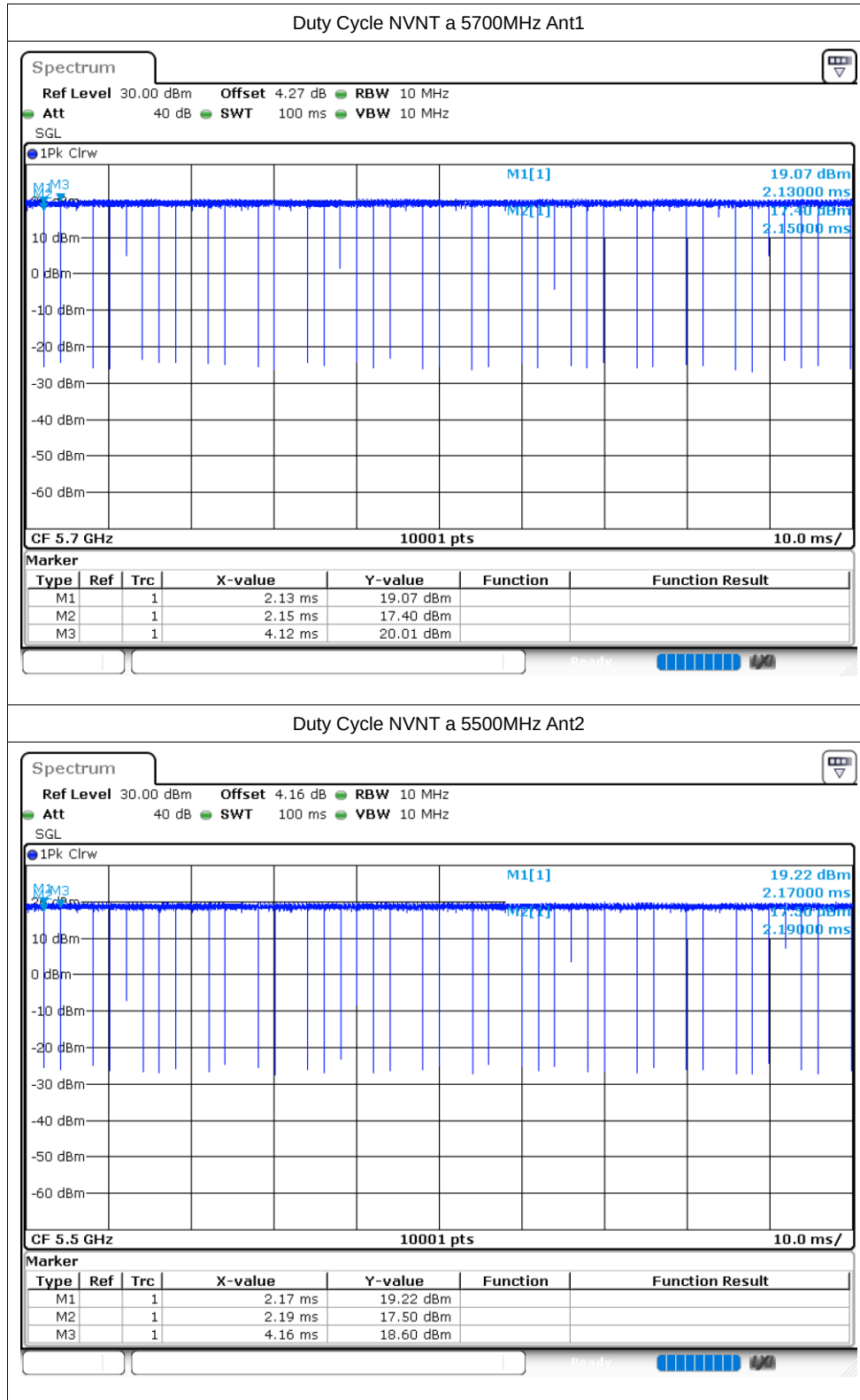
Ref Level 30.00 dBm Offset 4.23 dB RBW 10 MHz
Att 40 dB SWT 100 ms VBW 10 MHz
SGL

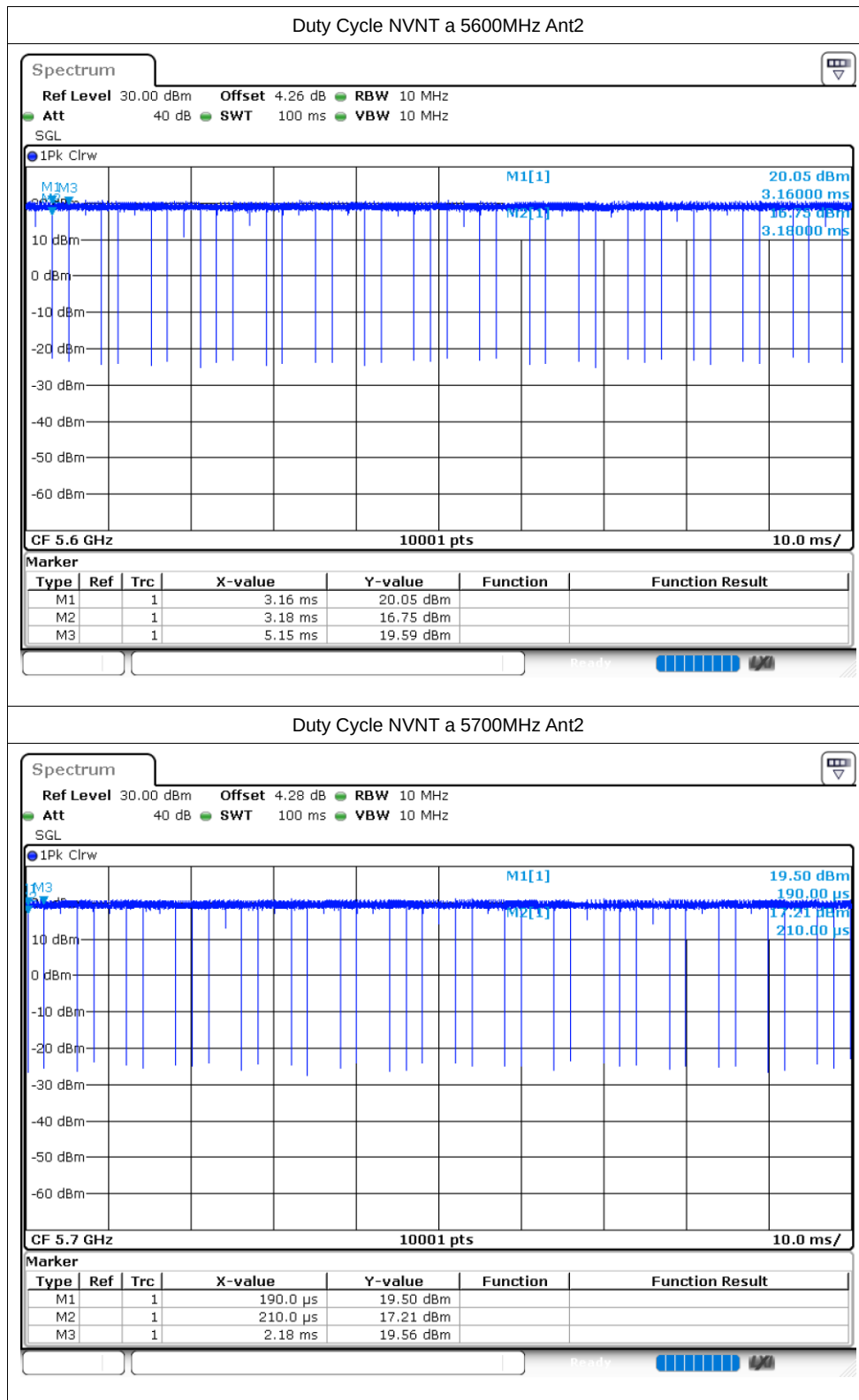
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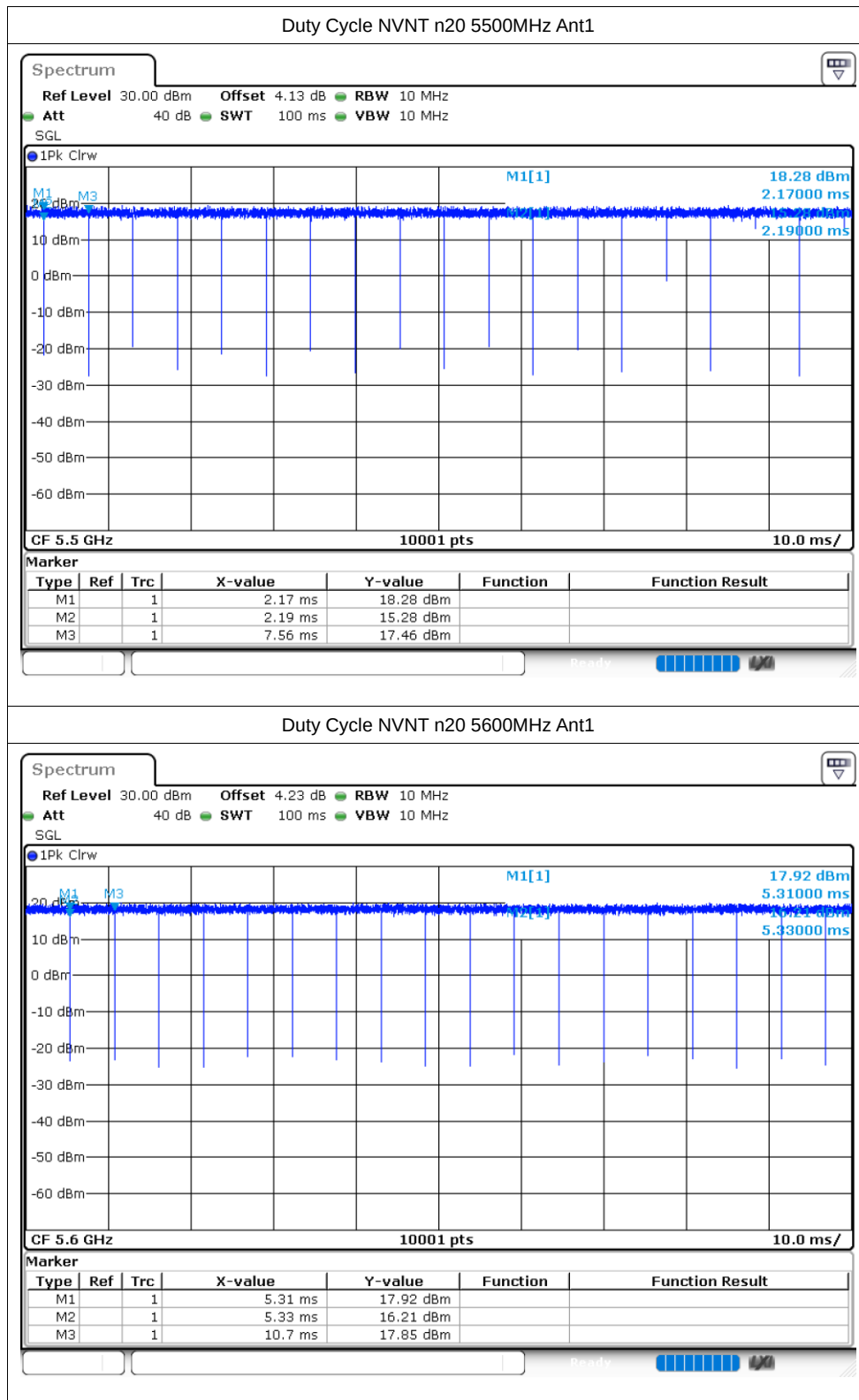


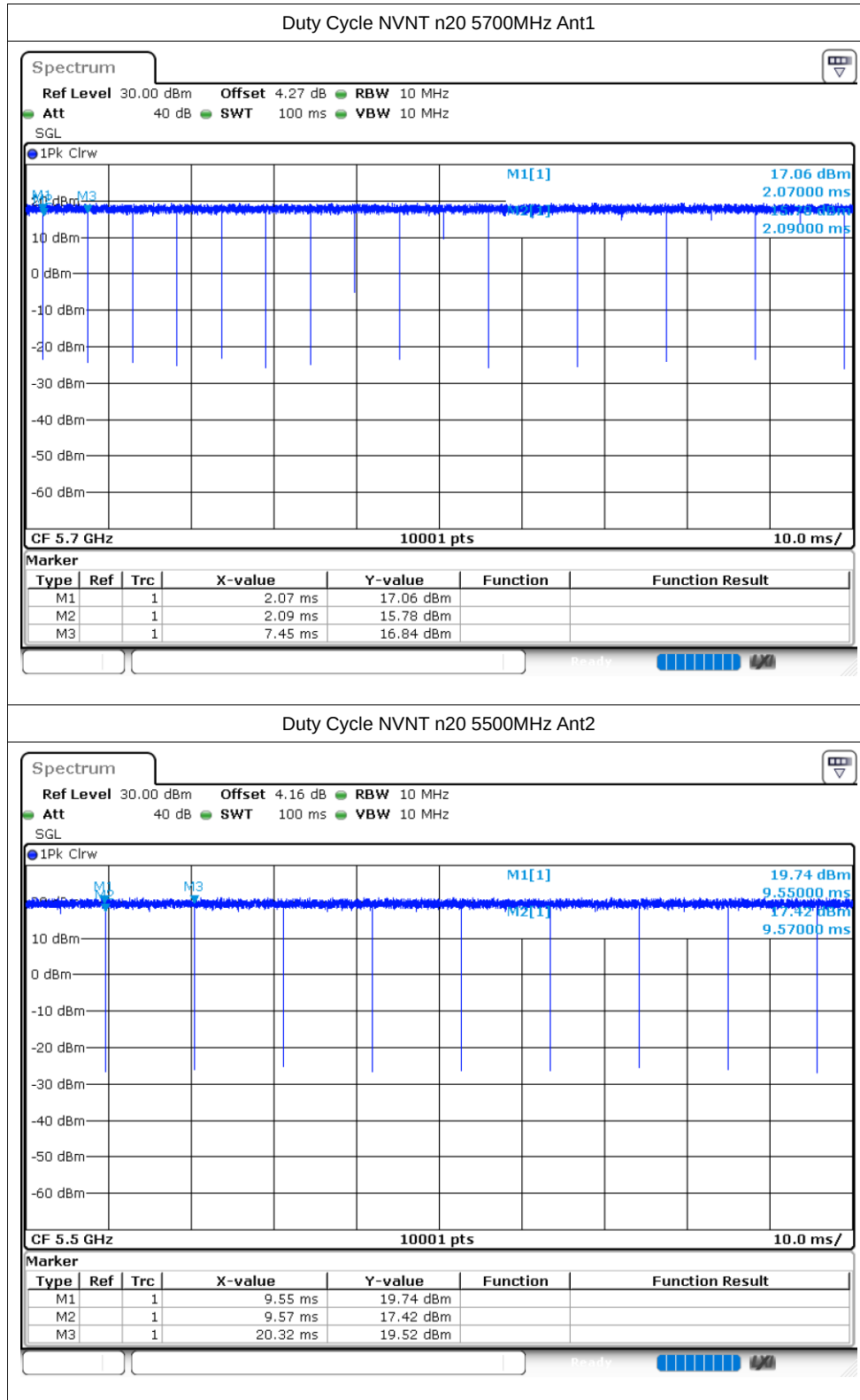
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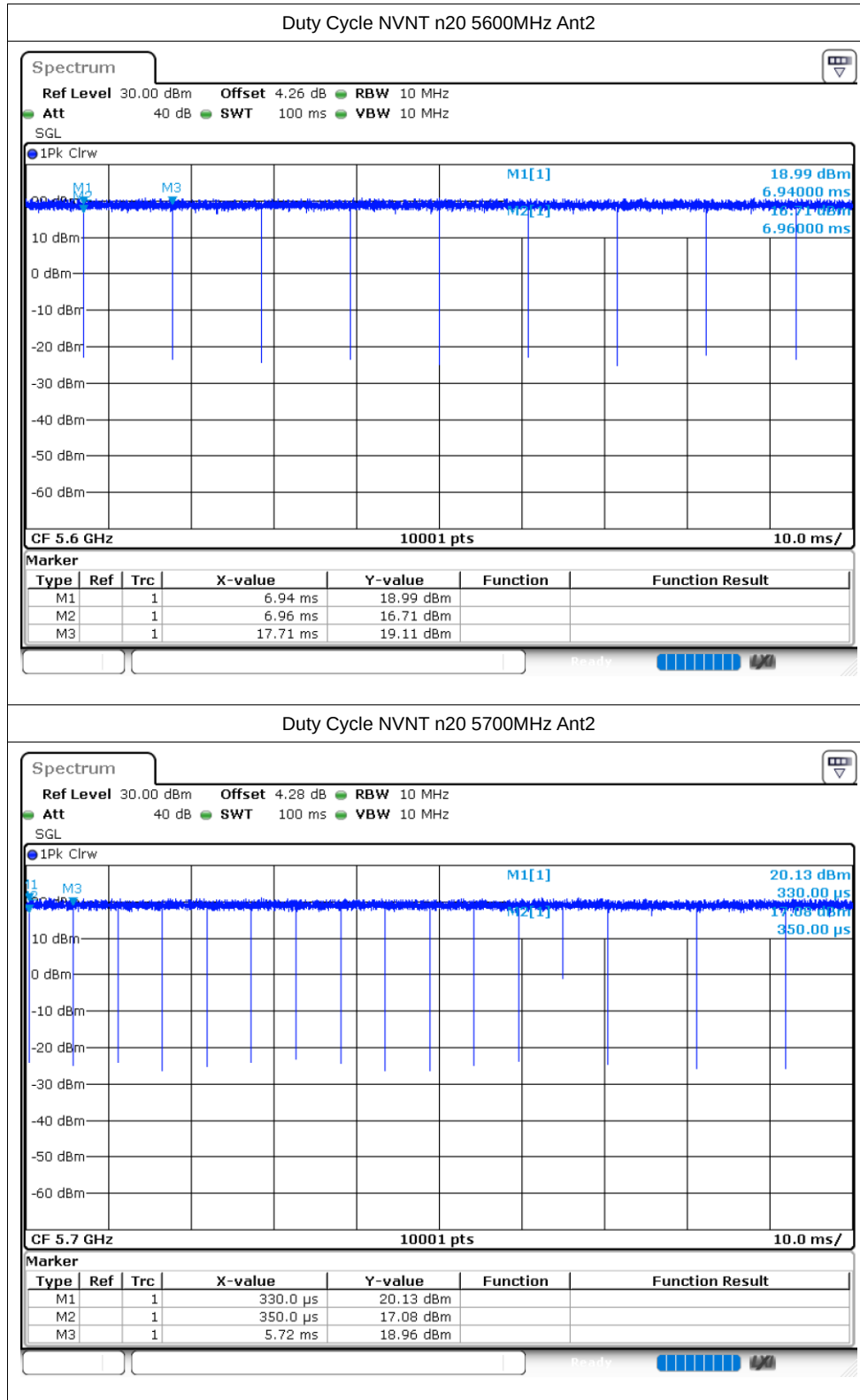
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.08 ms	17.97 dBm		
M2	1		2.1 ms	15.97 dBm		
M3	1		4.07 ms	17.29 dBm		



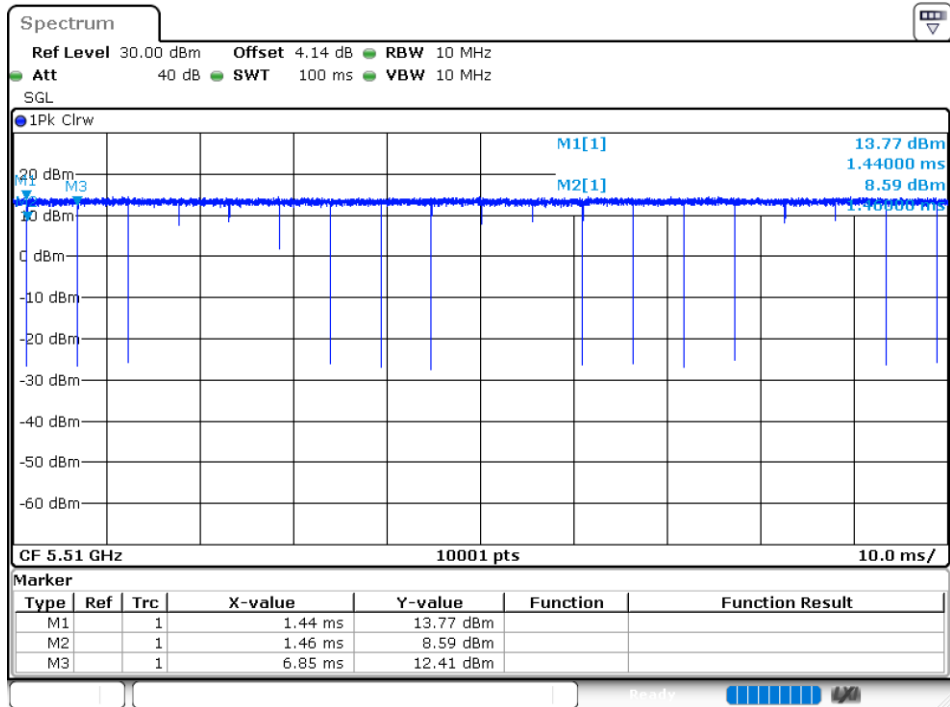




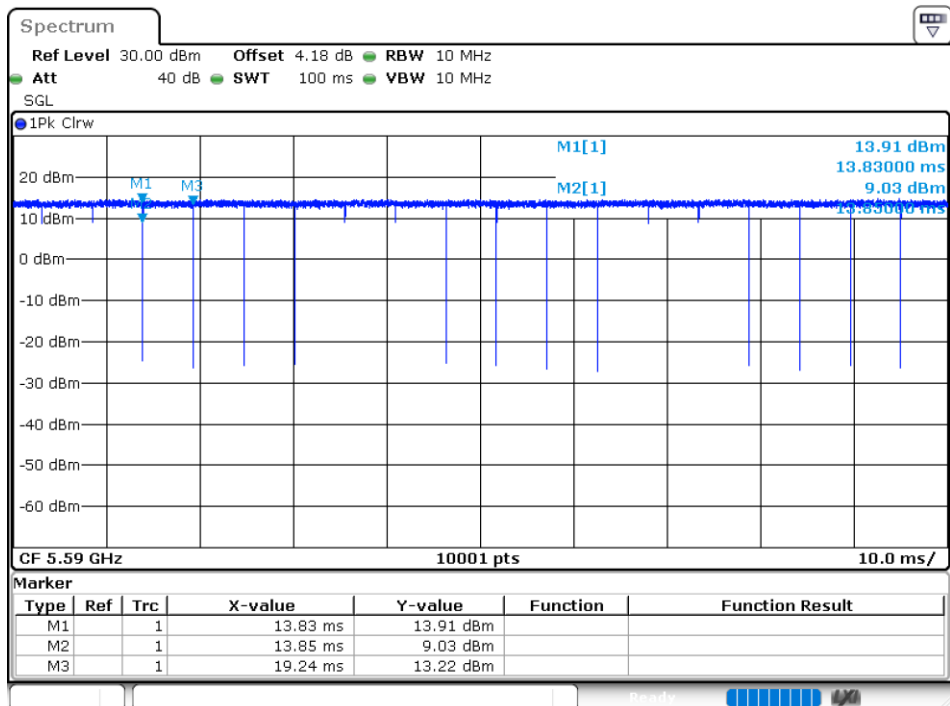


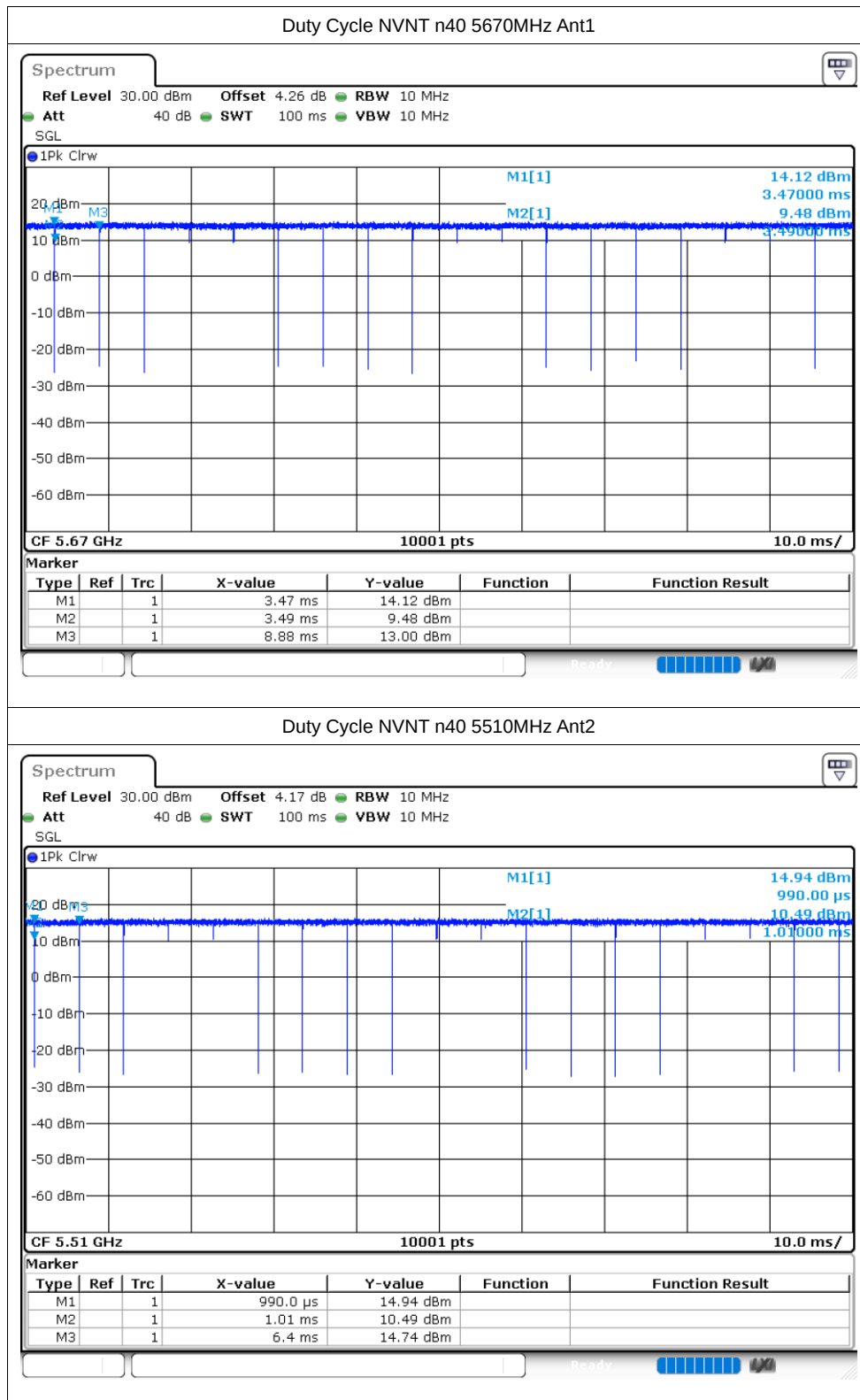


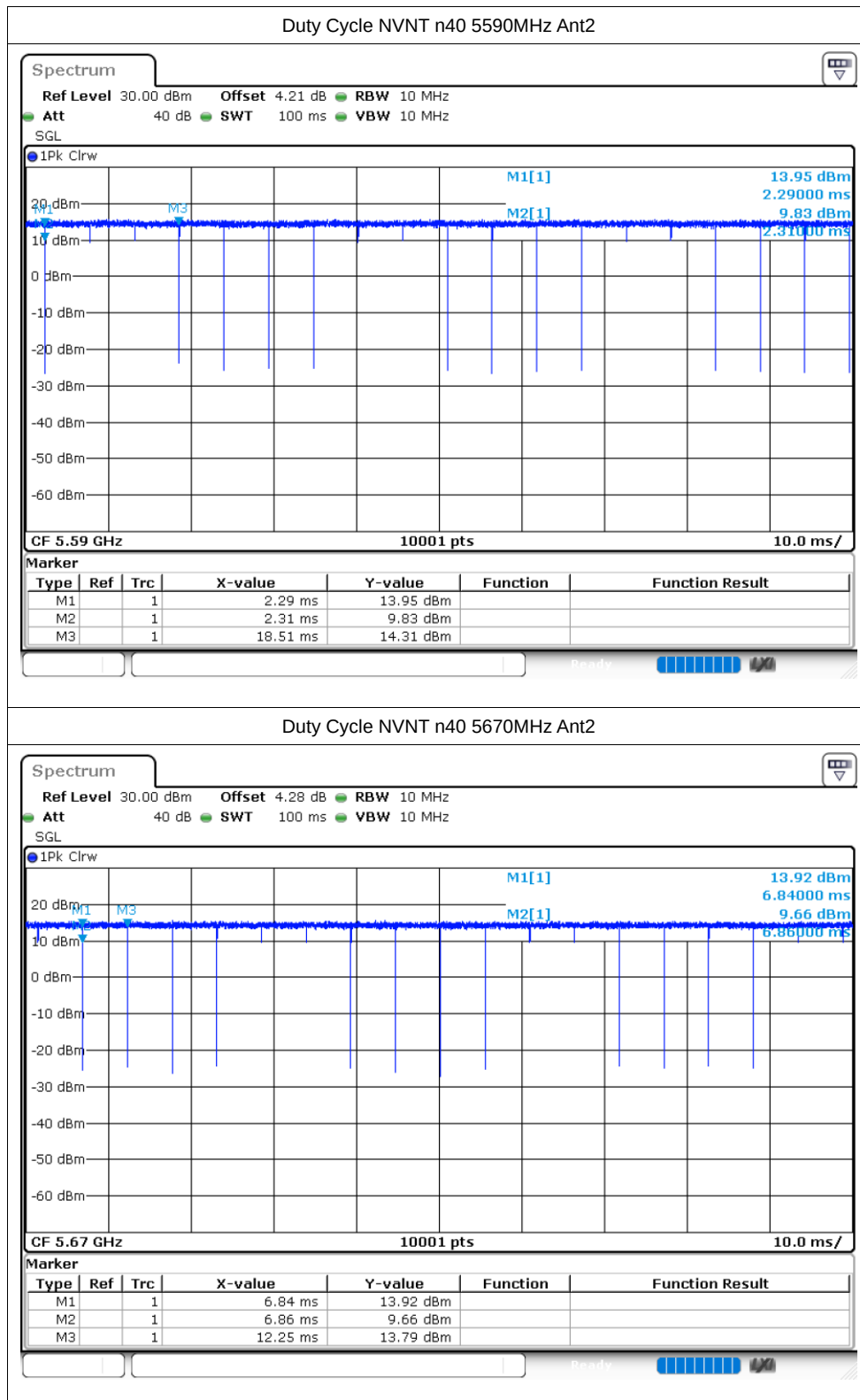
Duty Cycle NVNT n40 5510MHz Ant1

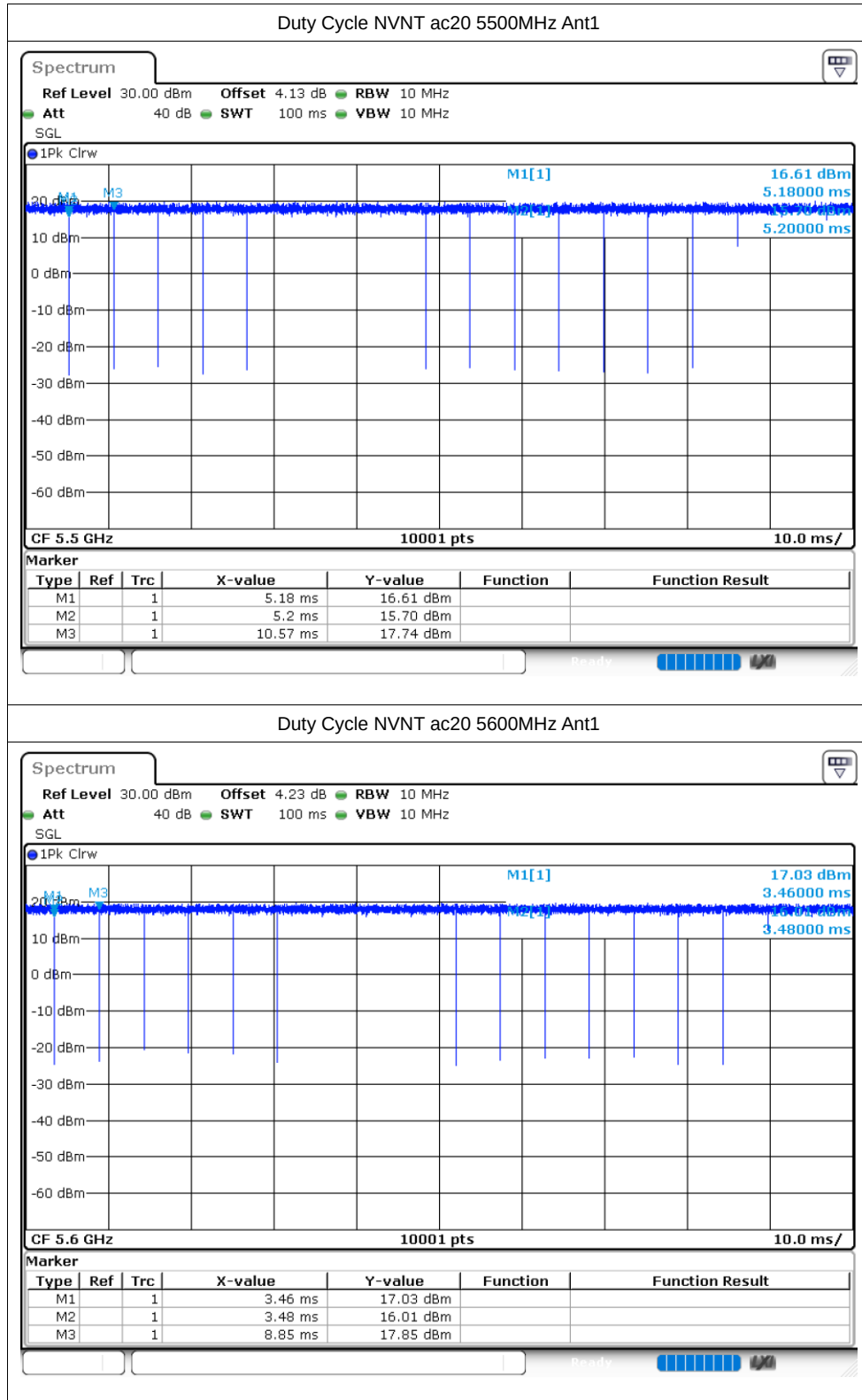


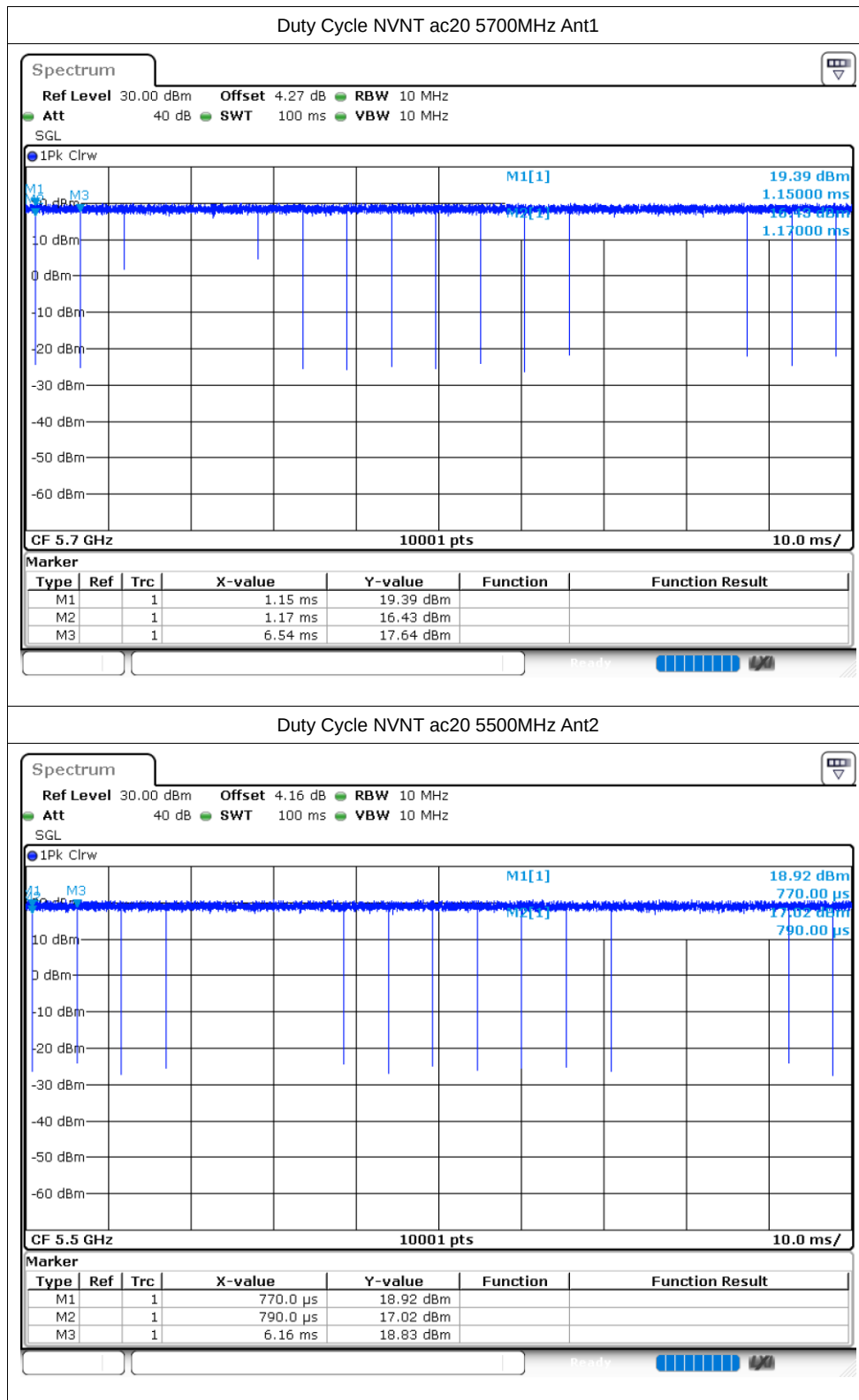
Duty Cycle NVNT n40 5590MHz Ant1

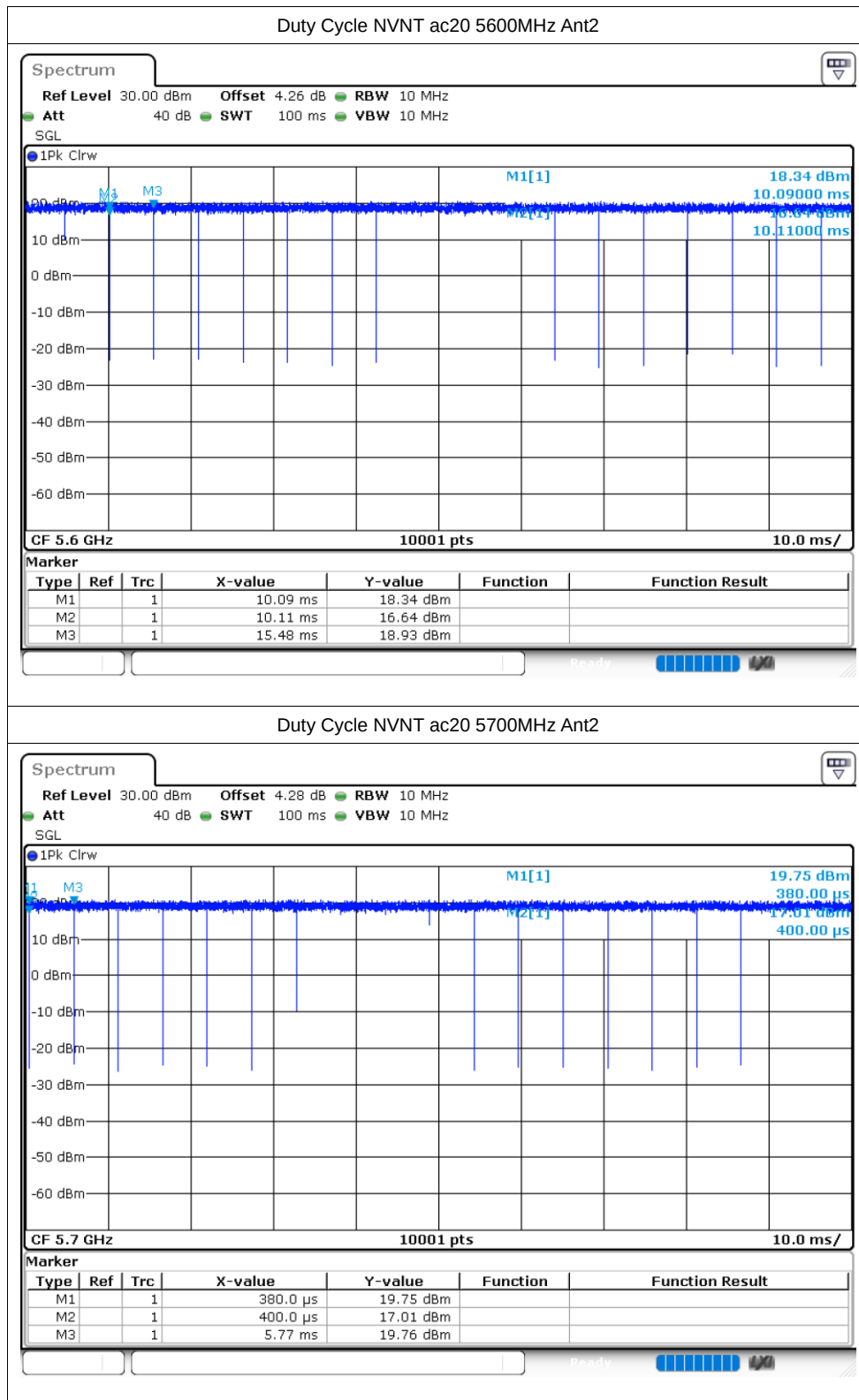


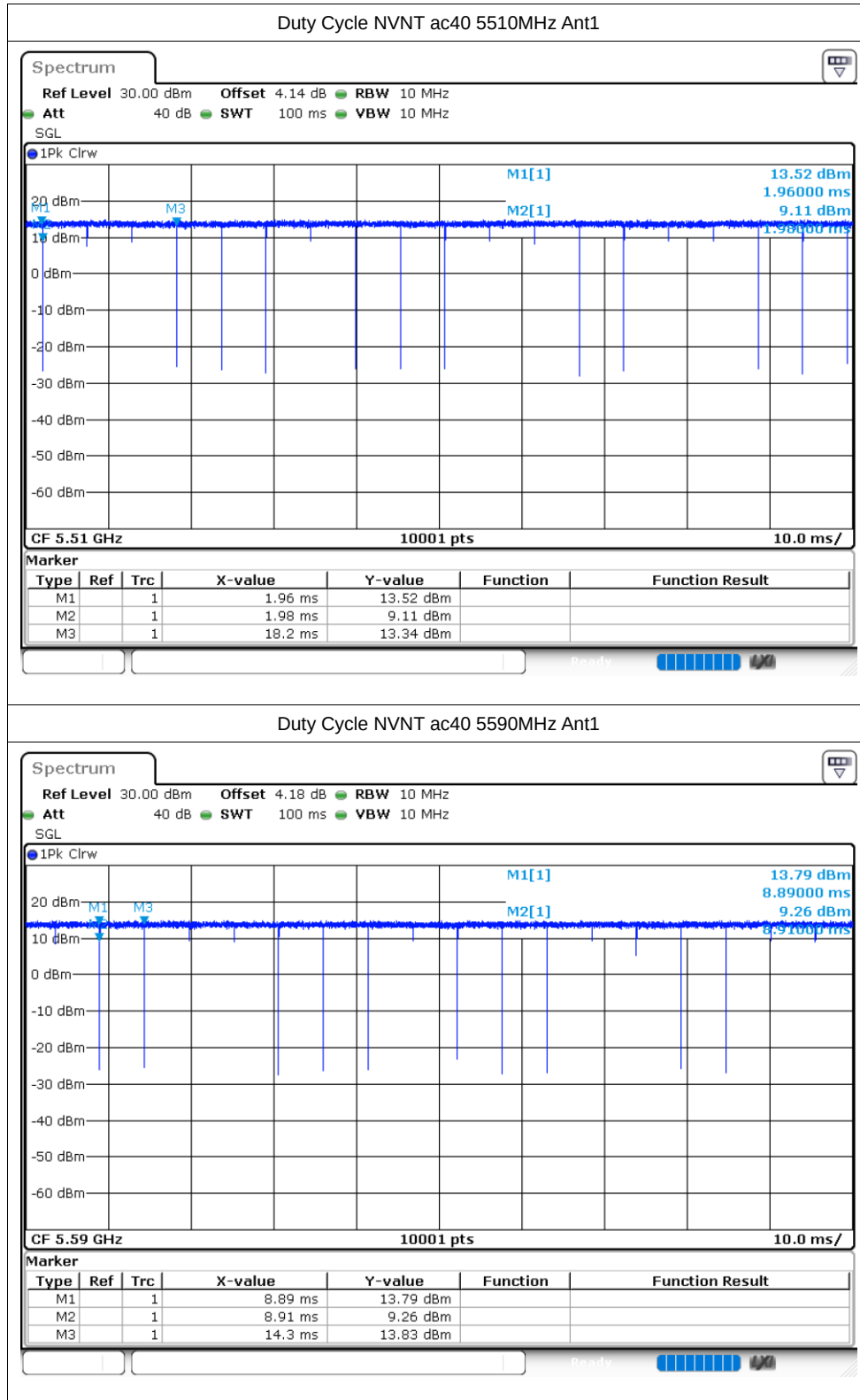




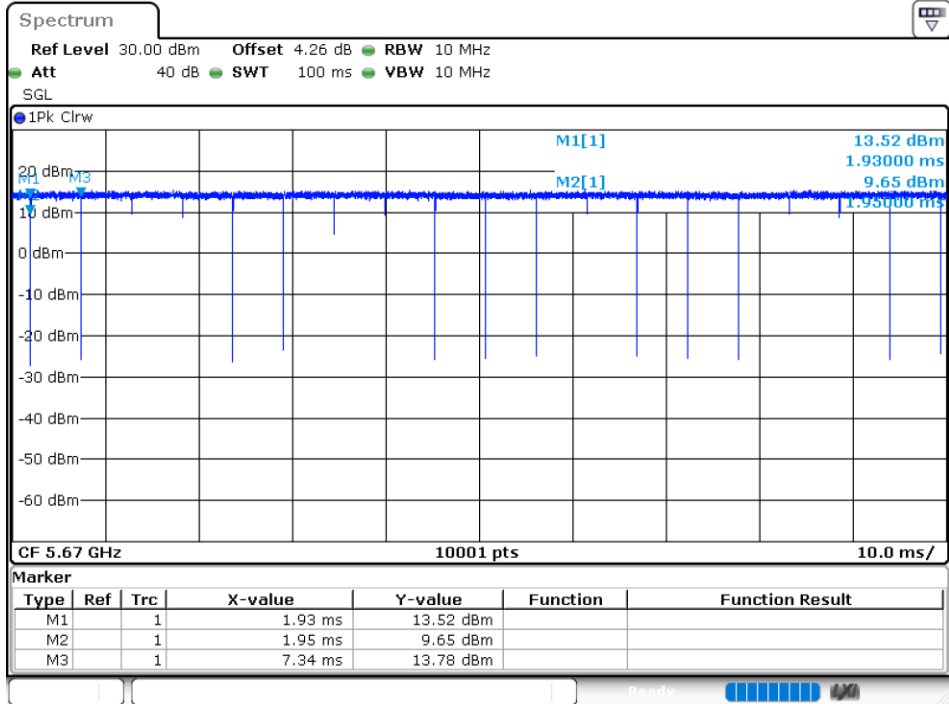




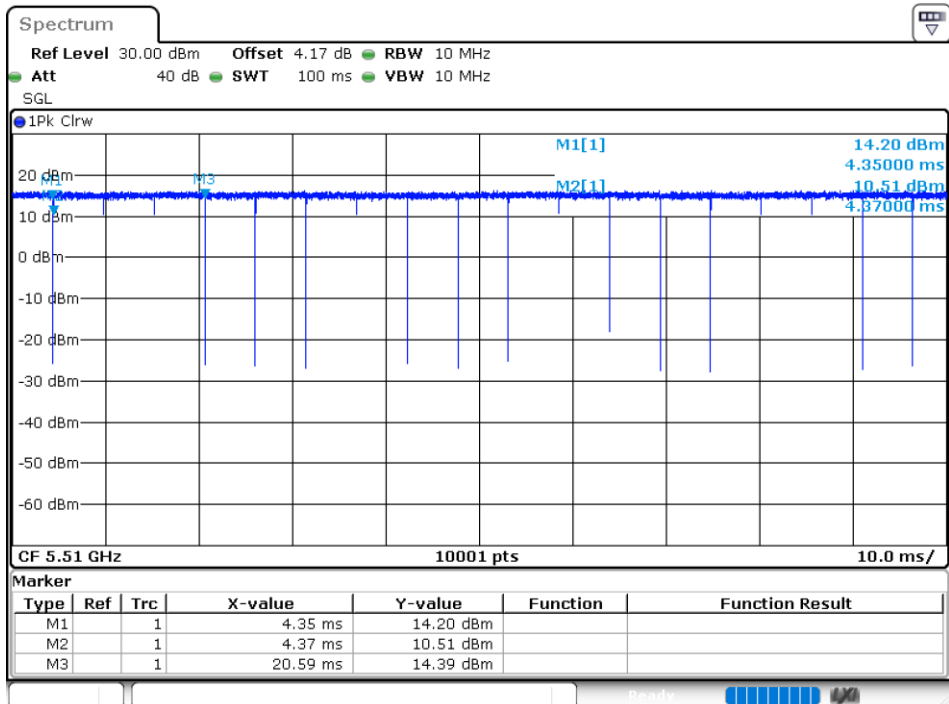


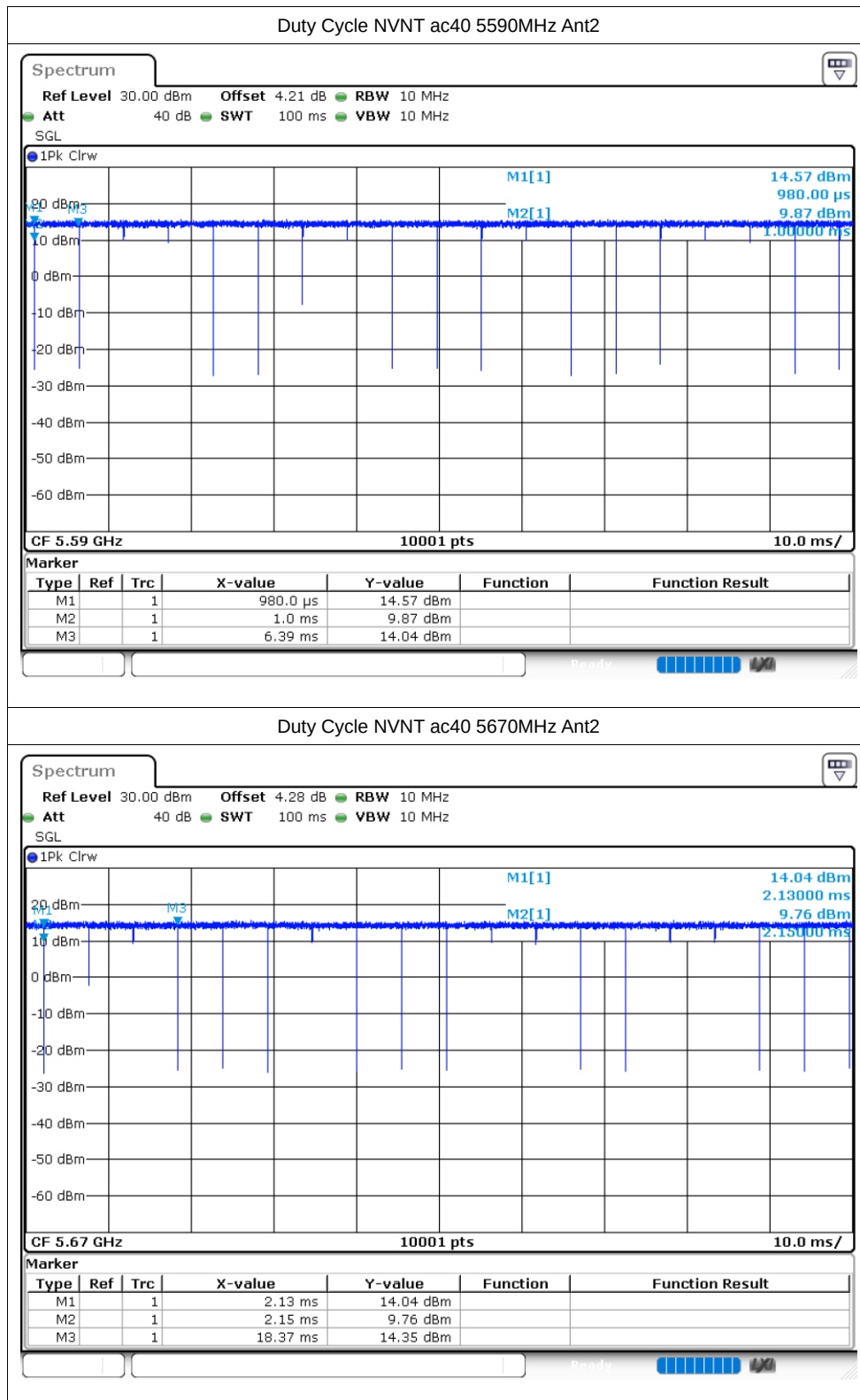


Duty Cycle NVNT ac40 5670MHz Ant1

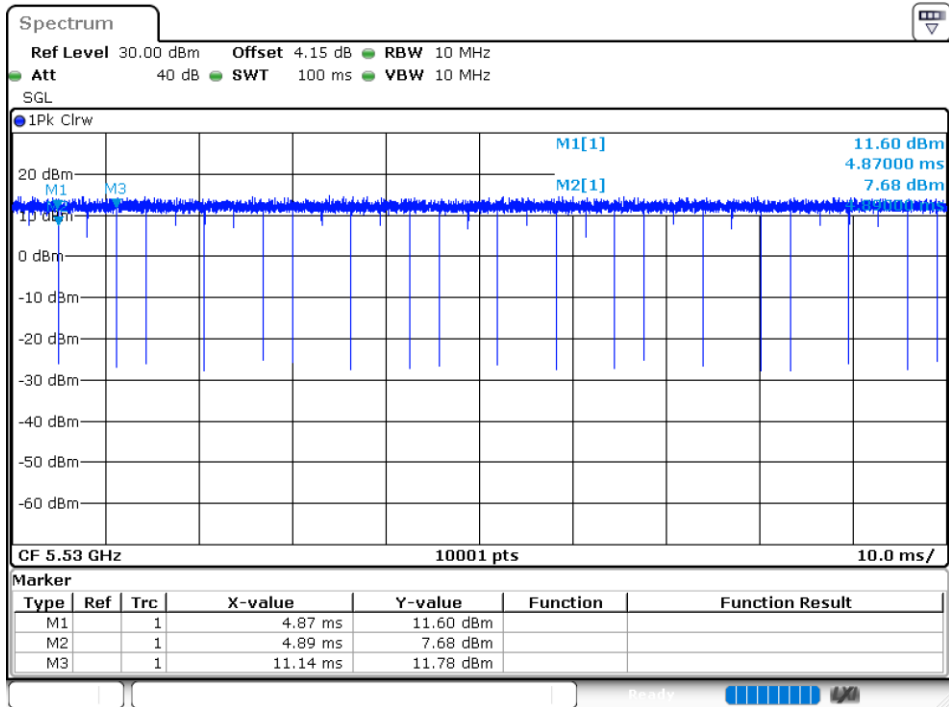


Duty Cycle NVNT ac40 5510MHz Ant2

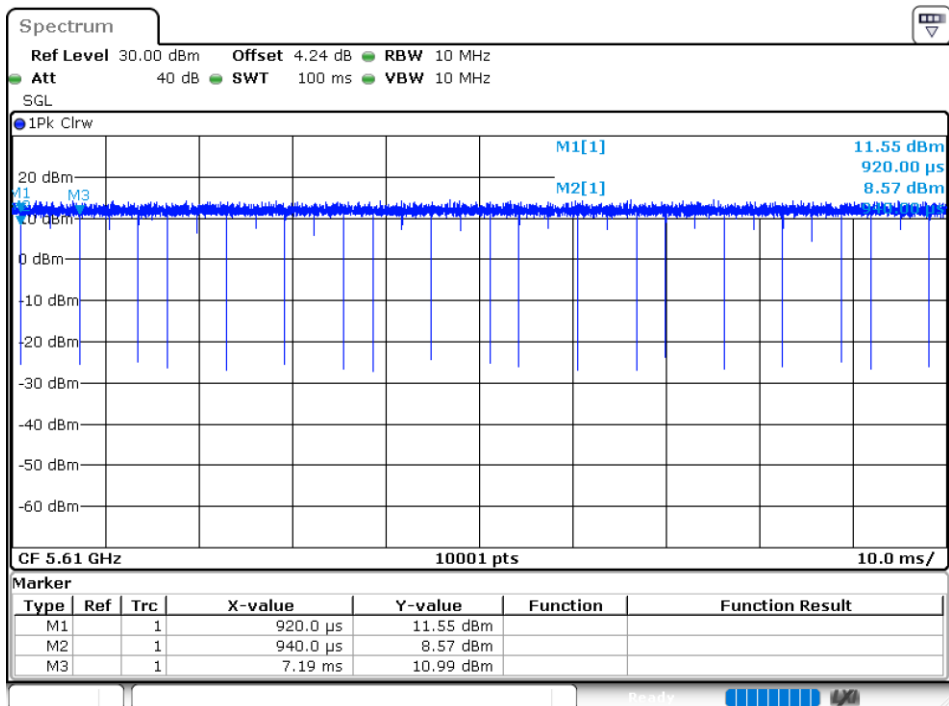


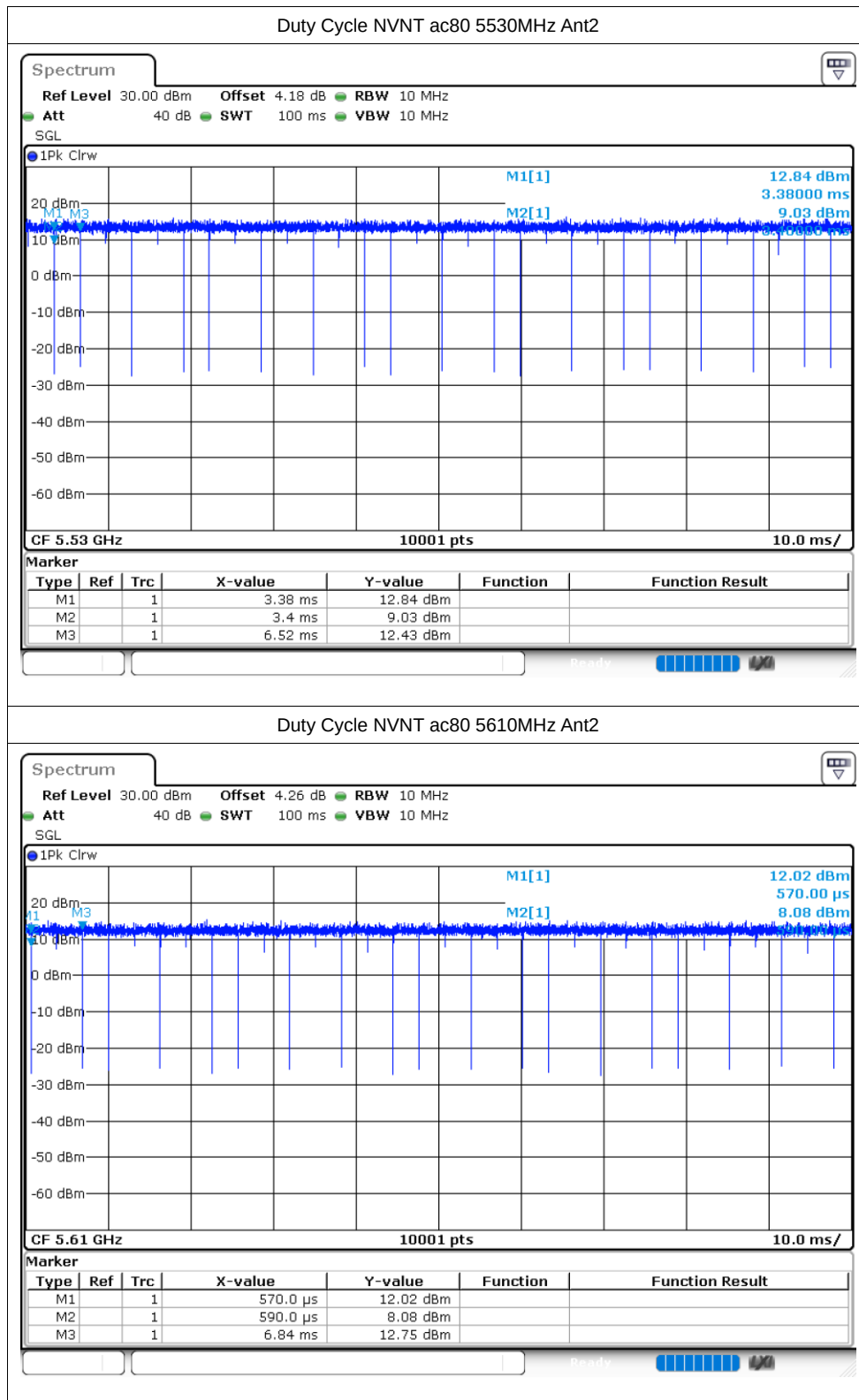


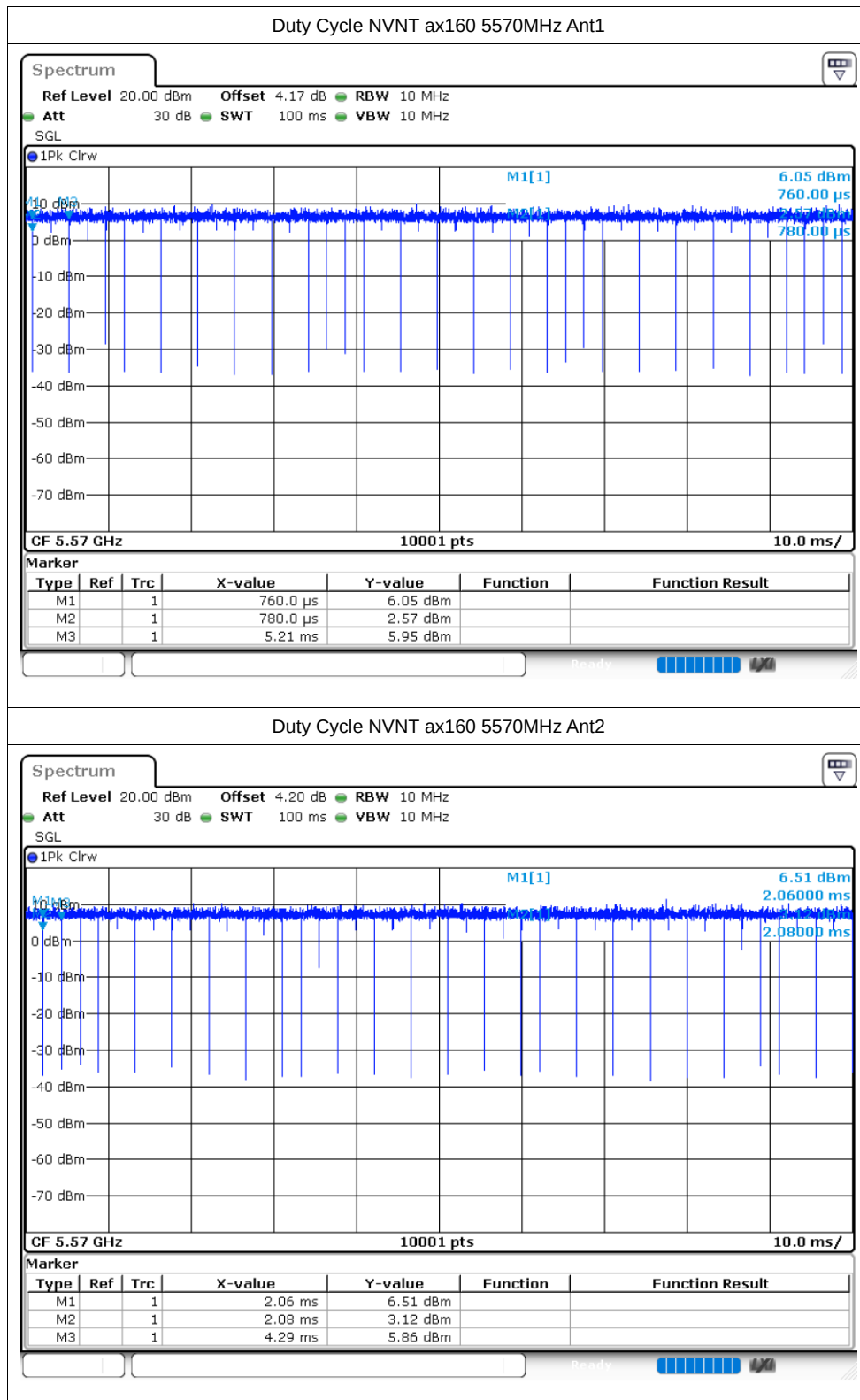
Duty Cycle NVNT ac80 5530MHz Ant1

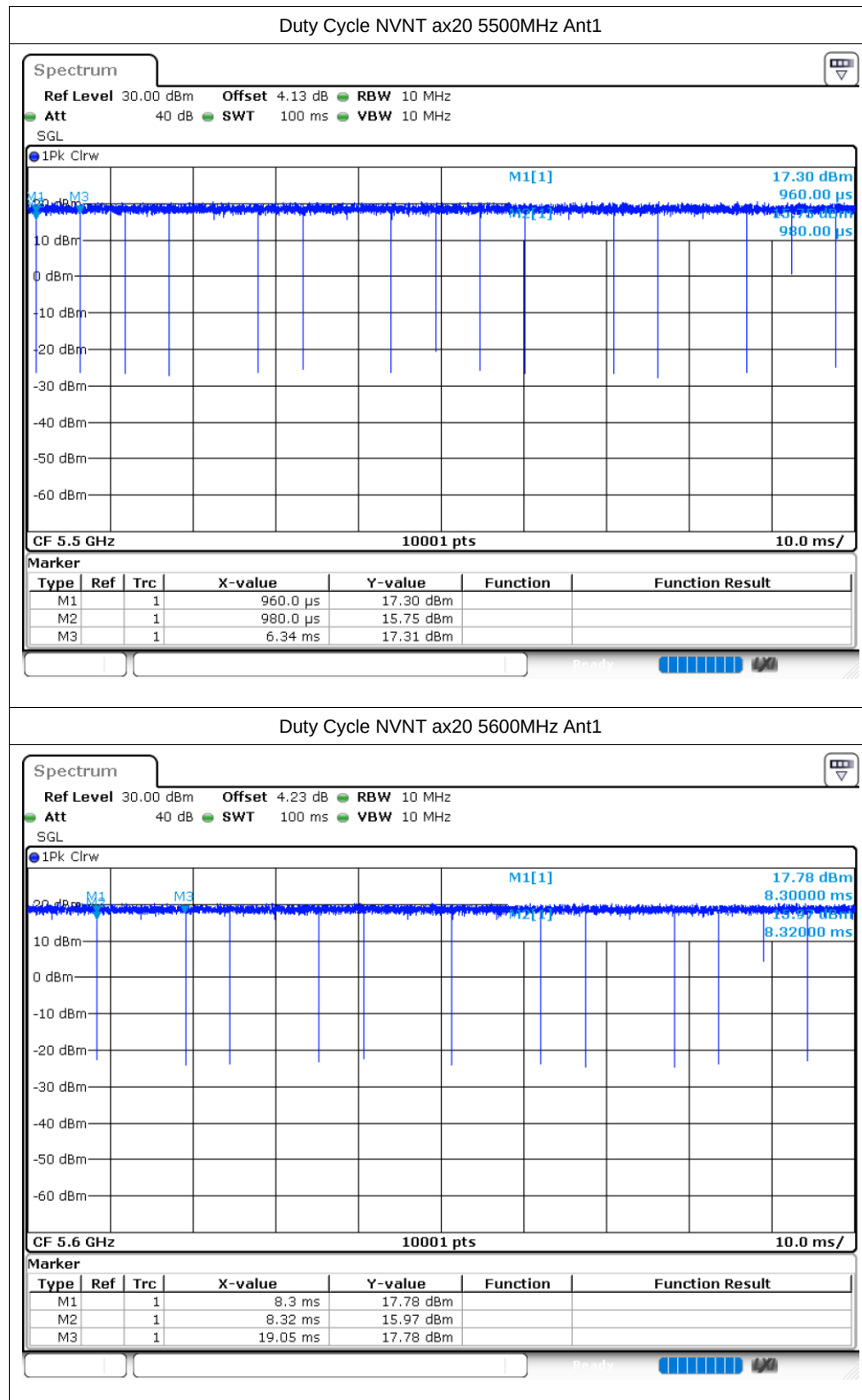


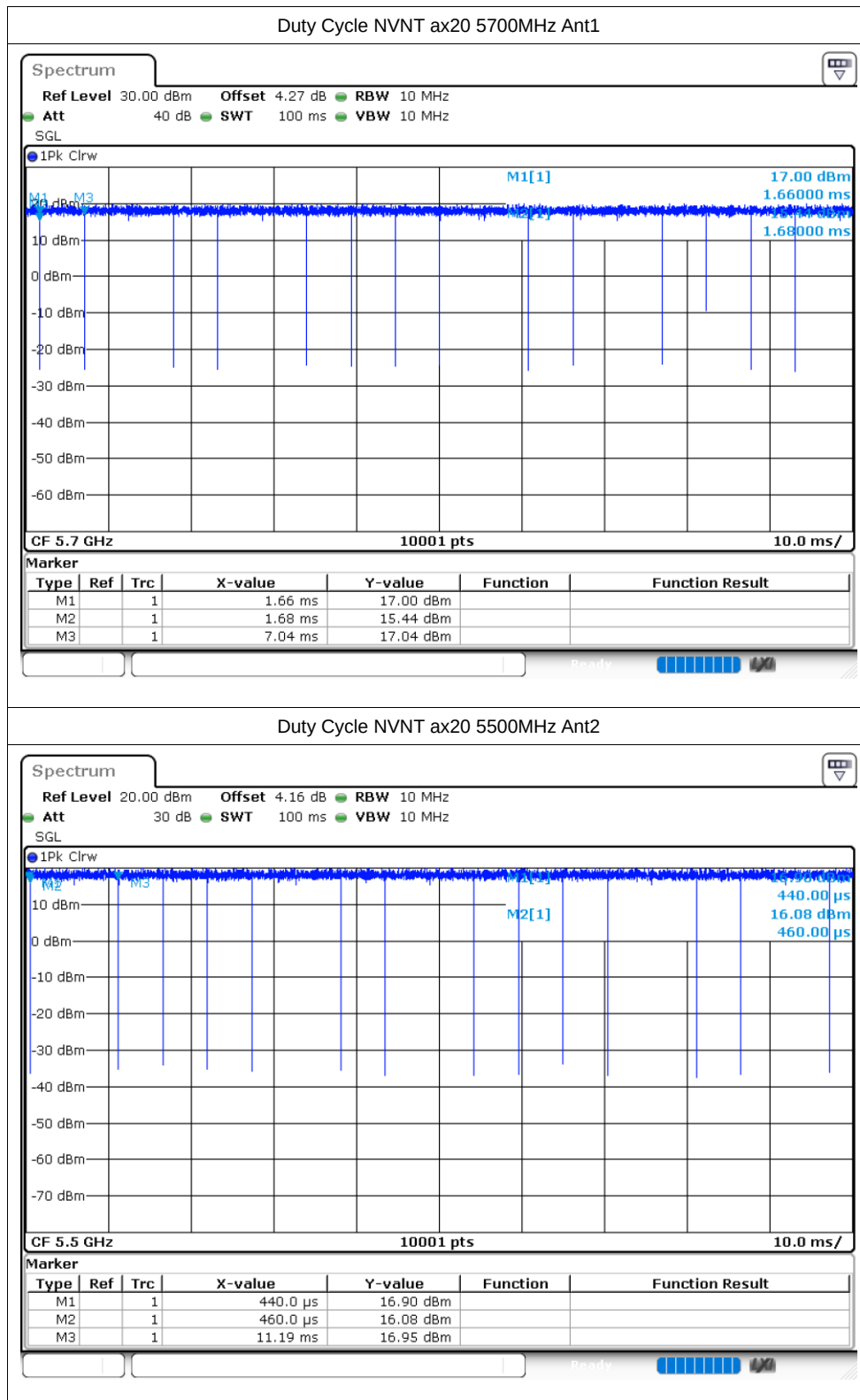
Duty Cycle NVNT ac80 5610MHz Ant1

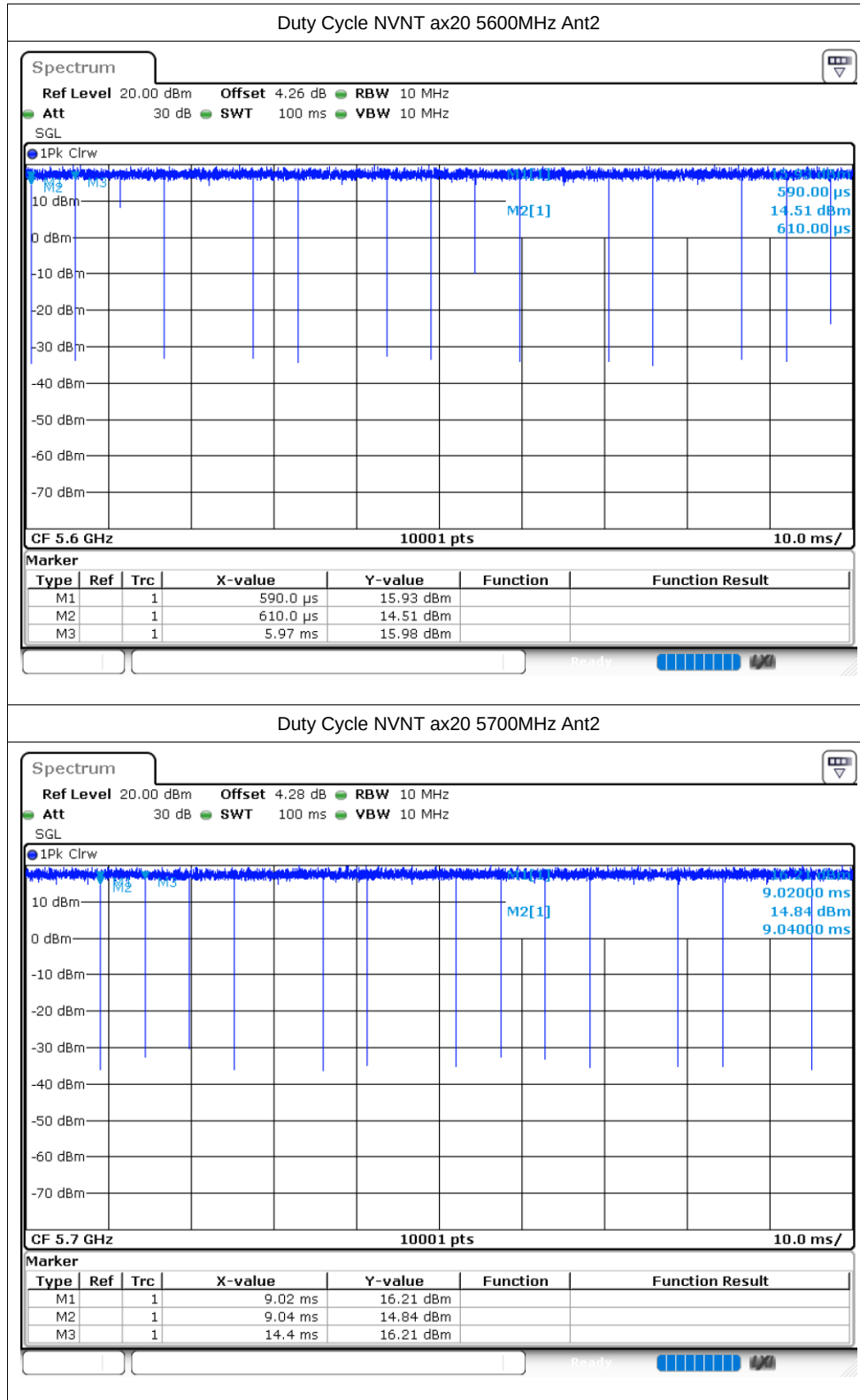


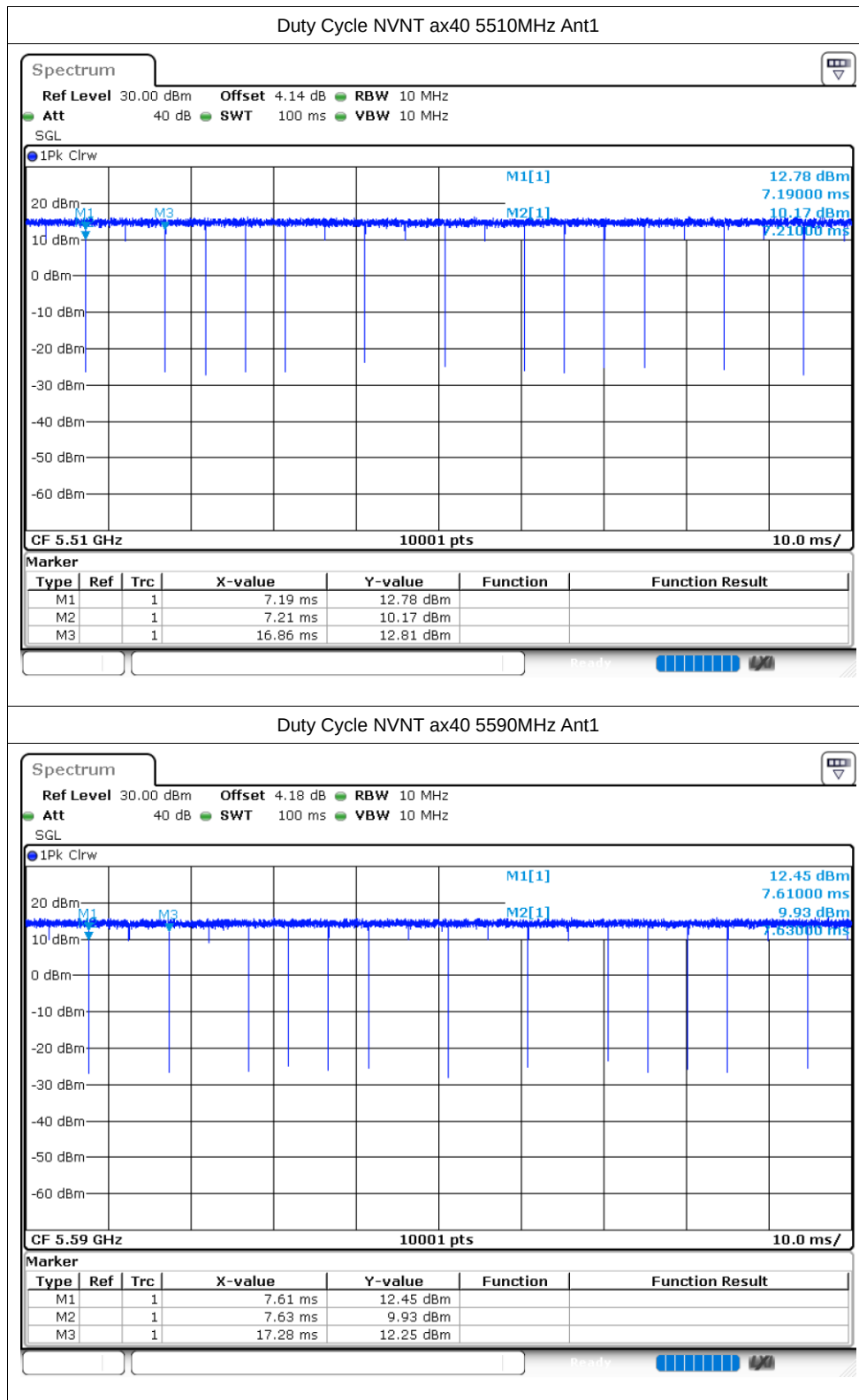


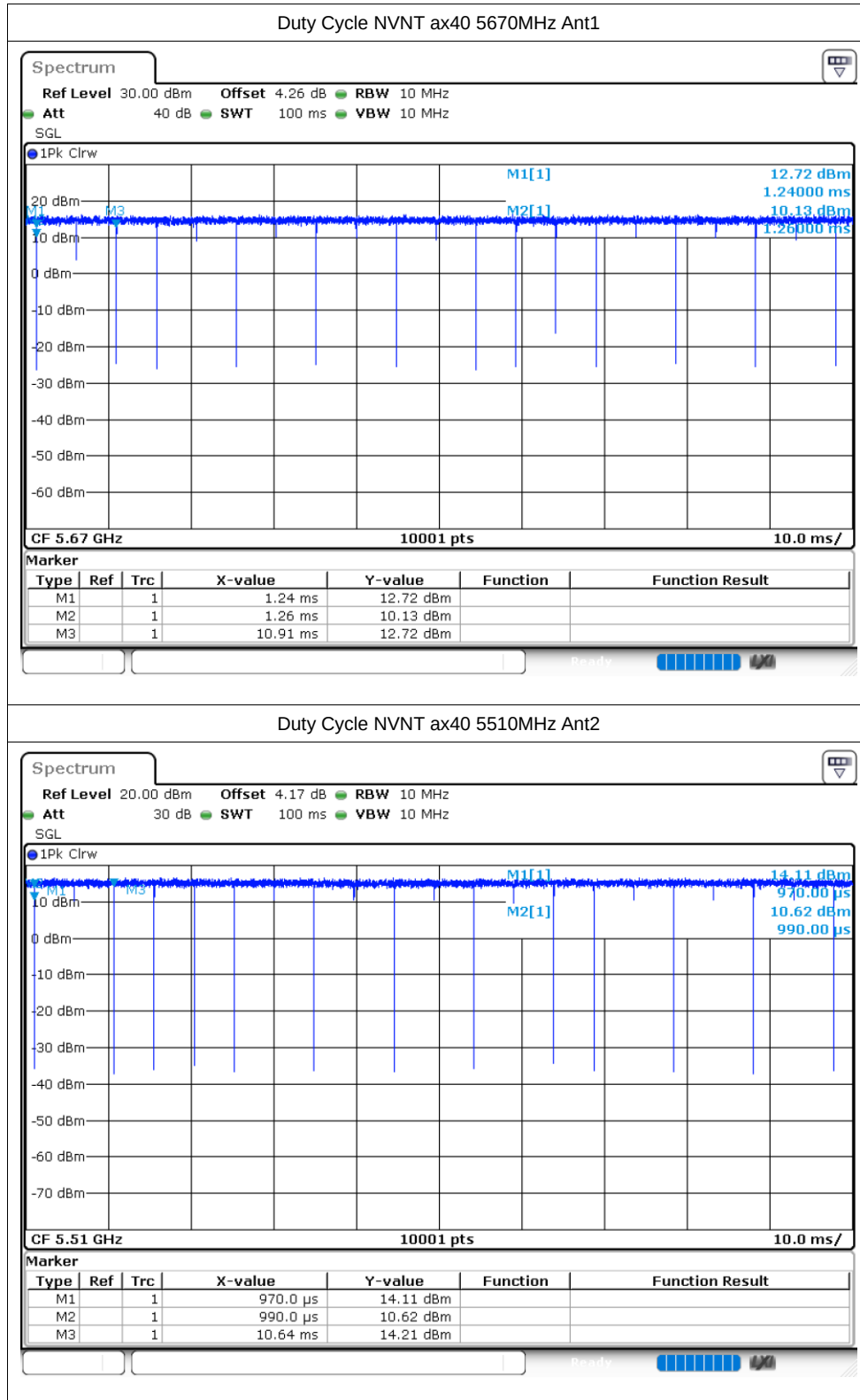


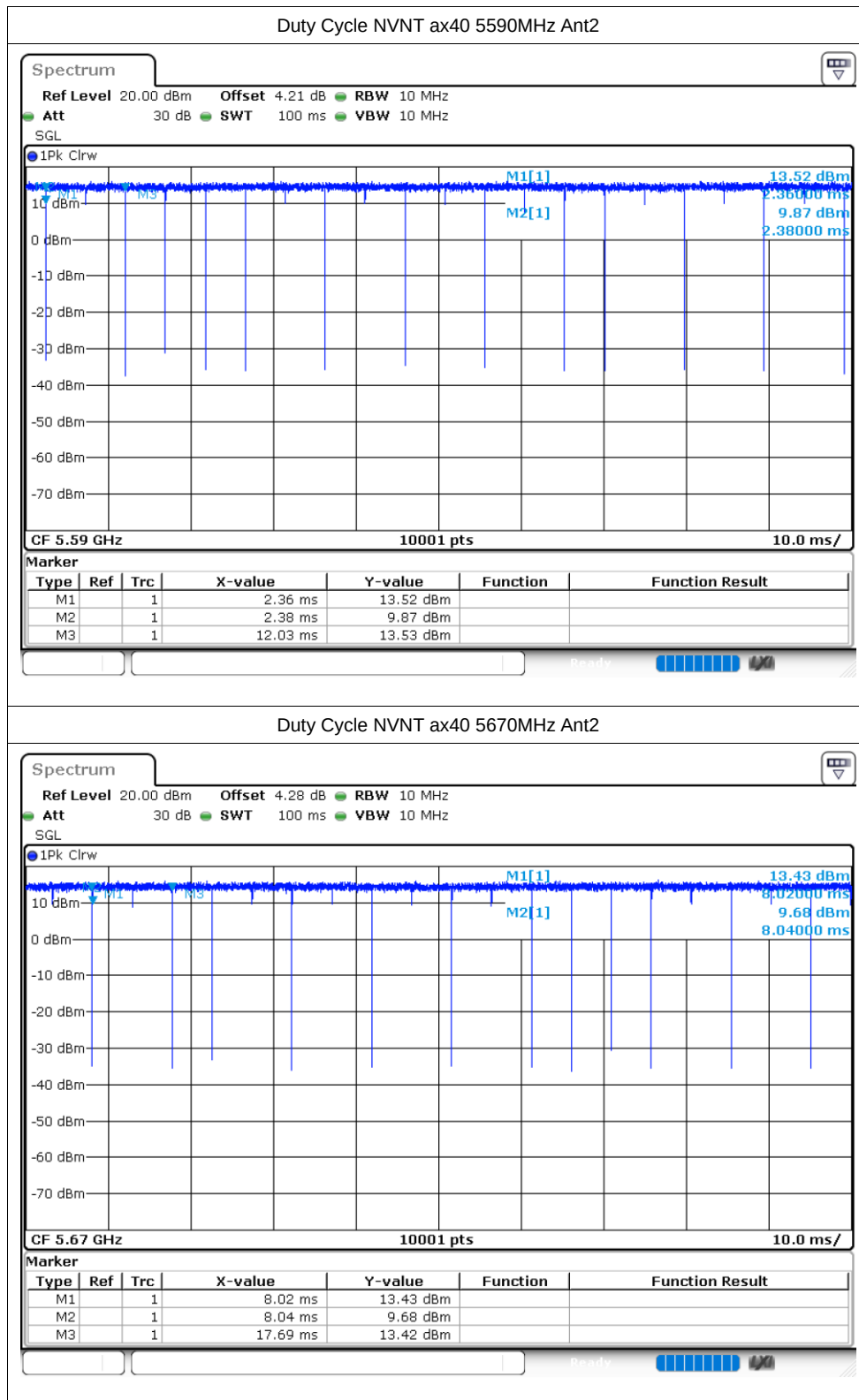


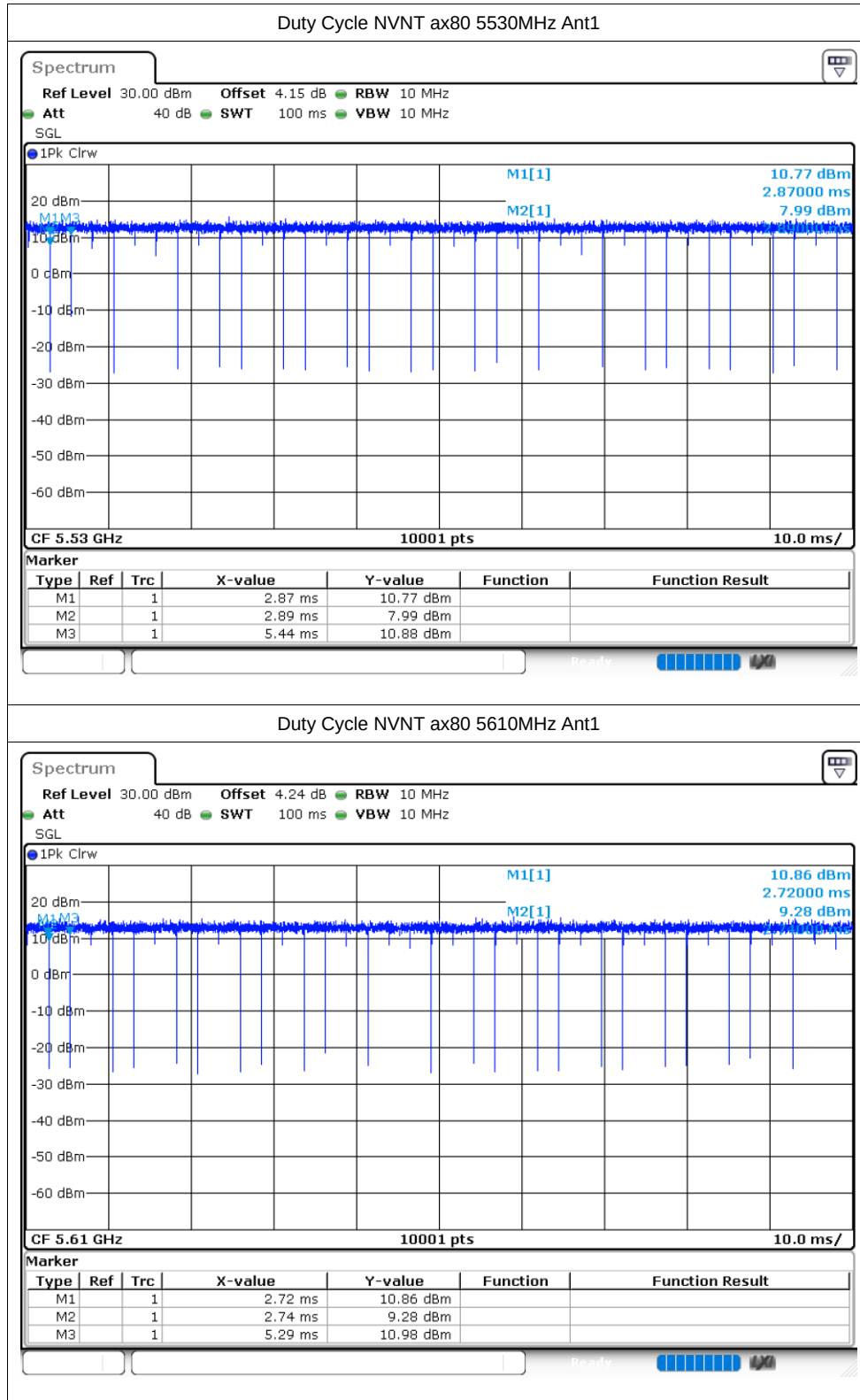


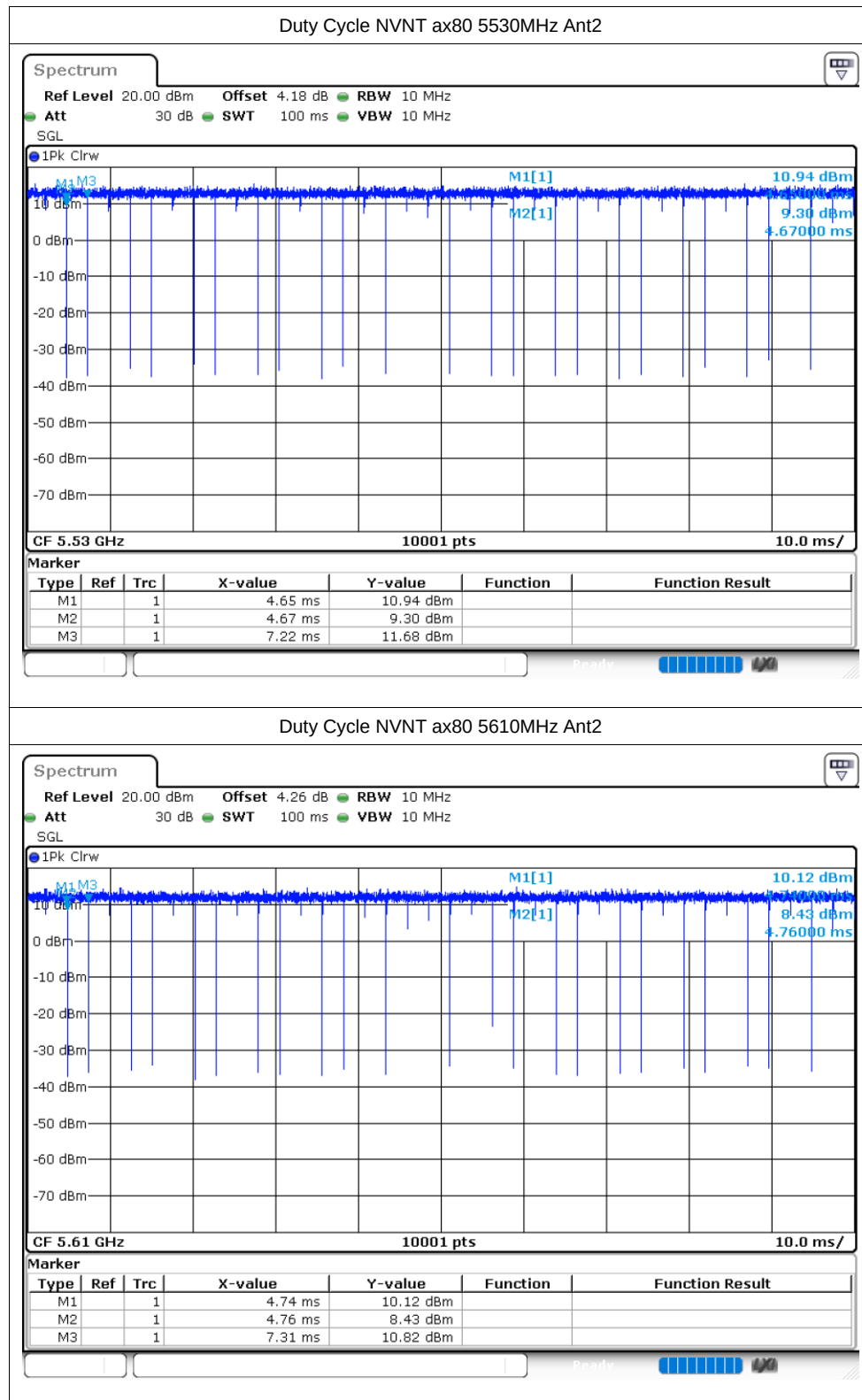












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	14.46	23.84	Pass
NVNT	a	5600	Ant1	14.37	23.76	Pass
NVNT	a	5700	Ant1	15.94	23.87	Pass
NVNT	a	5500	Ant2	16.2	24	Pass
NVNT	a	5600	Ant2	15.43	23.67	Pass
NVNT	a	5700	Ant2	15.97	23.82	Pass
NVNT	n20	5500	Ant1	14.13	24	Pass
NVNT	n20	5600	Ant1	14.42	23.99	Pass
NVNT	n20	5700	Ant1	14.86	24	Pass
NVNT	n20	5500	Ant2	16.18	24	Pass
NVNT	n20	5600	Ant2	15.19	23.95	Pass
NVNT	n20	5700	Ant2	15.65	23.96	Pass
NVNT	n40	5510	Ant1	12.71	24	Pass
NVNT	n40	5590	Ant1	12.04	24	Pass
NVNT	n40	5670	Ant1	13.21	24	Pass
NVNT	n40	5510	Ant2	14.62	24	Pass
NVNT	n40	5590	Ant2	13.6	24	Pass
NVNT	n40	5670	Ant2	13.71	24	Pass
NVNT	ac20	5500	Ant1	14.12	24	Pass
NVNT	ac20	5600	Ant1	13.96	24	Pass
NVNT	ac20	5700	Ant1	14.94	24	Pass
NVNT	ac20	5500	Ant2	15.94	24	Pass
NVNT	ac20	5600	Ant2	15.14	24	Pass
NVNT	ac20	5700	Ant2	15.66	23.91	Pass
NVNT	ac40	5510	Ant1	12.84	24	Pass
NVNT	ac40	5590	Ant1	12.14	24	Pass
NVNT	ac40	5670	Ant1	13.39	24	Pass
NVNT	ac40	5510	Ant2	14.65	24	Pass
NVNT	ac40	5590	Ant2	13.65	24	Pass
NVNT	ac40	5670	Ant2	13.65	24	Pass
NVNT	ac80	5530	Ant1	12.59	24	Pass
NVNT	ac80	5610	Ant1	12.24	24	Pass
NVNT	ac80	5530	Ant2	14.41	24	Pass
NVNT	ac80	5610	Ant2	13.36	24	Pass
NVNT	ax160	5570	Ant1	9.53	24	Pass
NVNT	ax160	5570	Ant2	10.88	24	Pass
NVNT	ax20	5500	Ant1	14.46	24	Pass
NVNT	ax20	5600	Ant1	13.75	24	Pass
NVNT	ax20	5700	Ant1	14.39	24	Pass
NVNT	ax20	5500	Ant2	14.64	24	Pass

NVNT	ax20	5600	Ant2	13.31	24	Pass
NVNT	ax20	5700	Ant2	13.7	24	Pass
NVNT	ax40	5510	Ant1	12.9	24	Pass
NVNT	ax40	5590	Ant1	11.83	24	Pass
NVNT	ax40	5670	Ant1	13.15	24	Pass
NVNT	ax40	5510	Ant2	14.3	24	Pass
NVNT	ax40	5590	Ant2	13.28	24	Pass
NVNT	ax40	5670	Ant2	13.35	24	Pass
NVNT	ax80	5530	Ant1	12.38	24	Pass
NVNT	ax80	5610	Ant1	12.85	24	Pass
NVNT	ax80	5530	Ant2	13.42	24	Pass
NVNT	ax80	5610	Ant2	12.47	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	19.215	Pass
NVNT	a	5600	Ant1	18.879	Pass
NVNT	a	5700	Ant1	19.347	Pass
NVNT	a	5500	Ant2	29.1	Pass
NVNT	a	5600	Ant2	18.51	Pass
NVNT	a	5700	Ant2	19.14	Pass
NVNT	n20	5500	Ant1	20.208	Pass
NVNT	n20	5600	Ant1	19.92	Pass
NVNT	n20	5700	Ant1	20.121	Pass
NVNT	n20	5500	Ant2	20.136	Pass
NVNT	n20	5600	Ant2	19.731	Pass
NVNT	n20	5700	Ant2	19.749	Pass
NVNT	n40	5510	Ant1	39.834	Pass
NVNT	n40	5590	Ant1	40.11	Pass
NVNT	n40	5670	Ant1	39.78	Pass
NVNT	n40	5510	Ant2	39.84	Pass
NVNT	n40	5590	Ant2	39.324	Pass
NVNT	n40	5670	Ant2	39.744	Pass
NVNT	ac20	5500	Ant1	20.277	Pass
NVNT	ac20	5600	Ant1	19.932	Pass
NVNT	ac20	5700	Ant1	20.262	Pass
NVNT	ac20	5500	Ant2	20.25	Pass
NVNT	ac20	5600	Ant2	20.178	Pass
NVNT	ac20	5700	Ant2	19.551	Pass
NVNT	ac40	5510	Ant1	39.642	Pass
NVNT	ac40	5590	Ant1	39.882	Pass
NVNT	ac40	5670	Ant1	39.684	Pass
NVNT	ac40	5510	Ant2	39.84	Pass
NVNT	ac40	5590	Ant2	39.846	Pass
NVNT	ac40	5670	Ant2	39.624	Pass
NVNT	ac80	5530	Ant1	81.144	Pass
NVNT	ac80	5610	Ant1	81.456	Pass
NVNT	ac80	5530	Ant2	80.916	Pass
NVNT	ac80	5610	Ant2	80.628	Pass
NVNT	ax160	5570	Ant1	163.44	Pass
NVNT	ax160	5570	Ant2	163.56	Pass
NVNT	ax20	5500	Ant1	20.739	Pass
NVNT	ax20	5600	Ant1	20.376	Pass
NVNT	ax20	5700	Ant1	20.388	Pass
NVNT	ax20	5500	Ant2	20.802	Pass
NVNT	ax20	5600	Ant2	20.475	Pass

NVNT	ax20	5700	Ant2	19.941	Pass
NVNT	ax40	5510	Ant1	40.524	Pass
NVNT	ax40	5590	Ant1	40.362	Pass
NVNT	ax40	5670	Ant1	40.068	Pass
NVNT	ax40	5510	Ant2	40.458	Pass
NVNT	ax40	5590	Ant2	40.296	Pass
NVNT	ax40	5670	Ant2	40.038	Pass
NVNT	ax80	5530	Ant1	82.128	Pass
NVNT	ax80	5610	Ant1	81.84	Pass
NVNT	ax80	5530	Ant2	81.972	Pass
NVNT	ax80	5610	Ant2	81.564	Pass

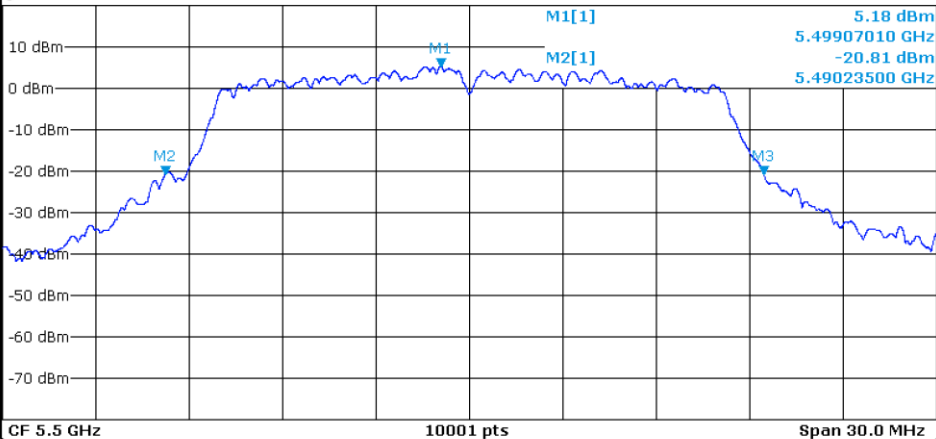
Test Graphs

-26dB Bandwidth NVNT a 5500MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.13 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

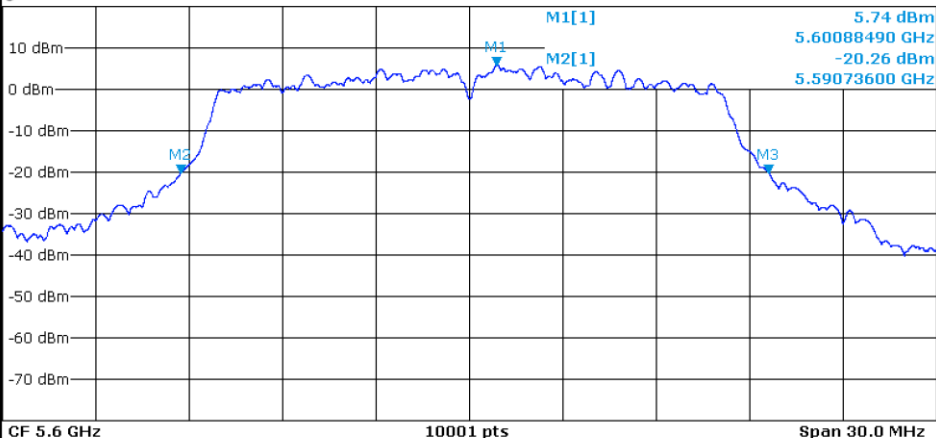
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.4990701 GHz	5.18 dBm		
M2	1		5.490235 GHz	-20.81 dBm		
M3	1		5.50945 GHz	-20.77 dBm		

-26dB Bandwidth NVNT a 5600MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.23 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

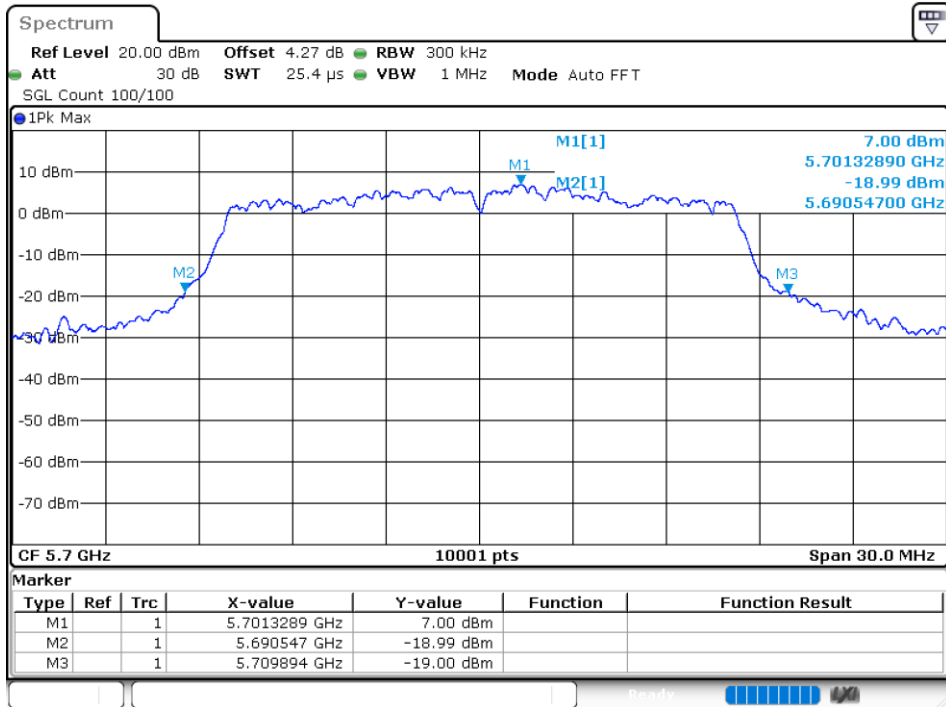
1Pk Max



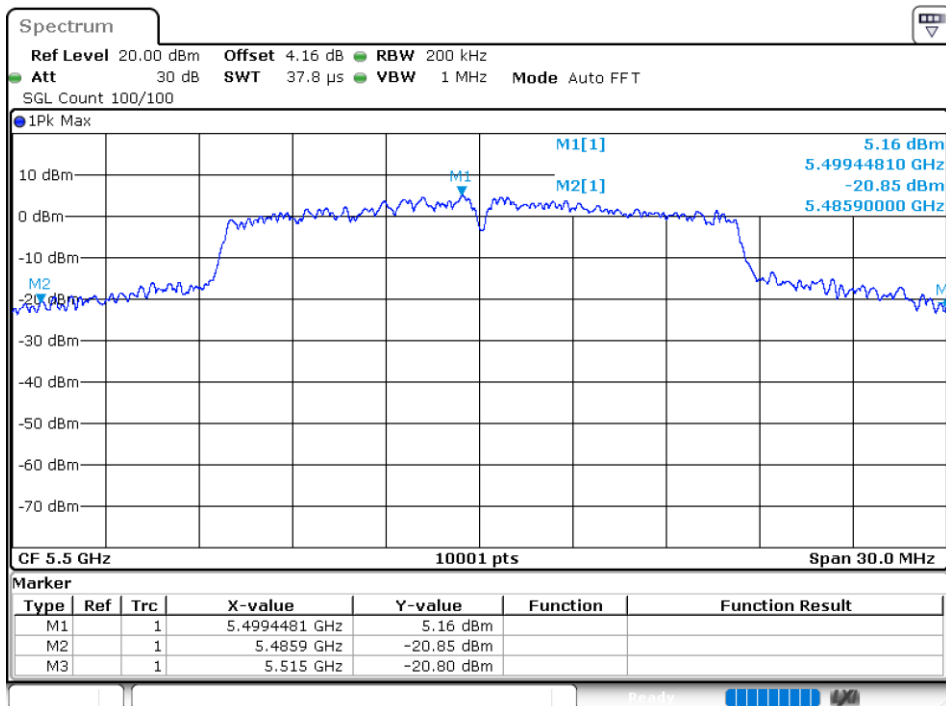
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.6008849 GHz	5.74 dBm		
M2	1		5.590736 GHz	-20.26 dBm		
M3	1		5.609615 GHz	-20.27 dBm		

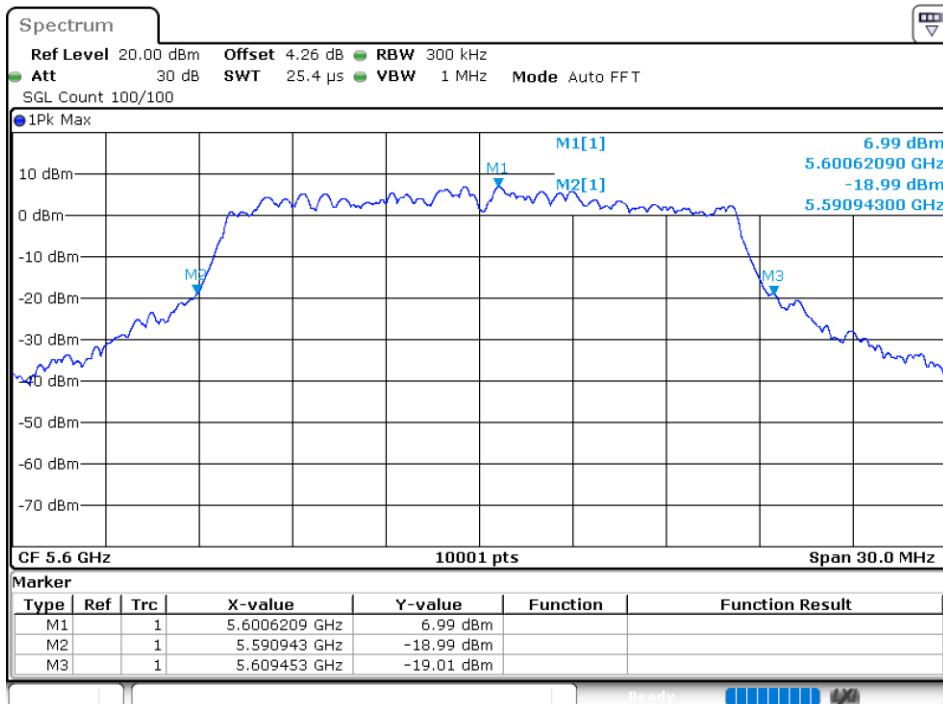
-26dB Bandwidth NVNT a 5700MHz Ant1



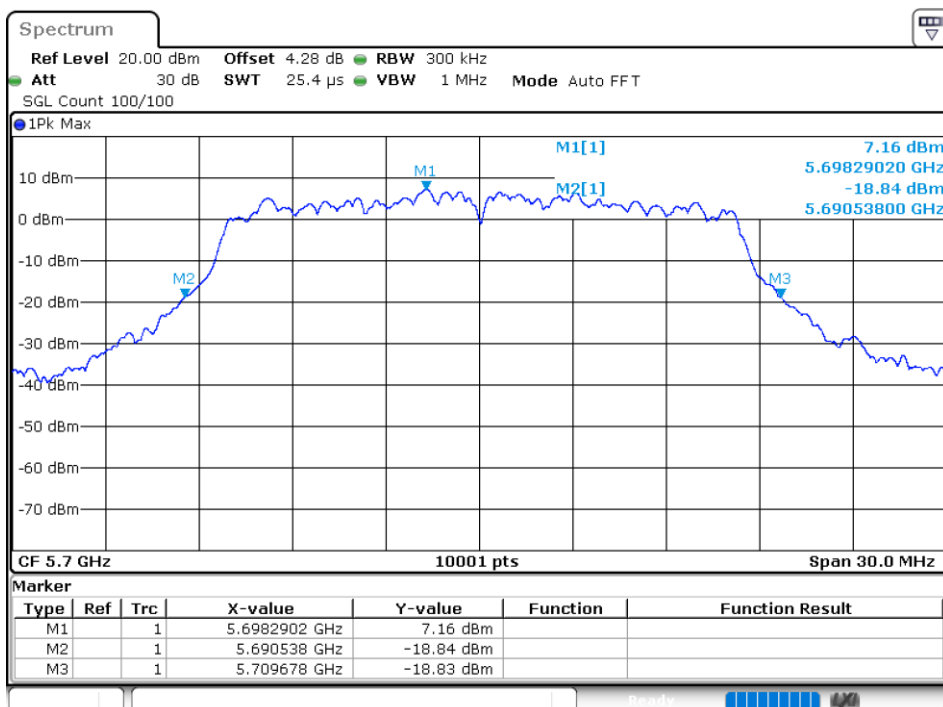
-26dB Bandwidth NVNT a 5500MHz Ant2

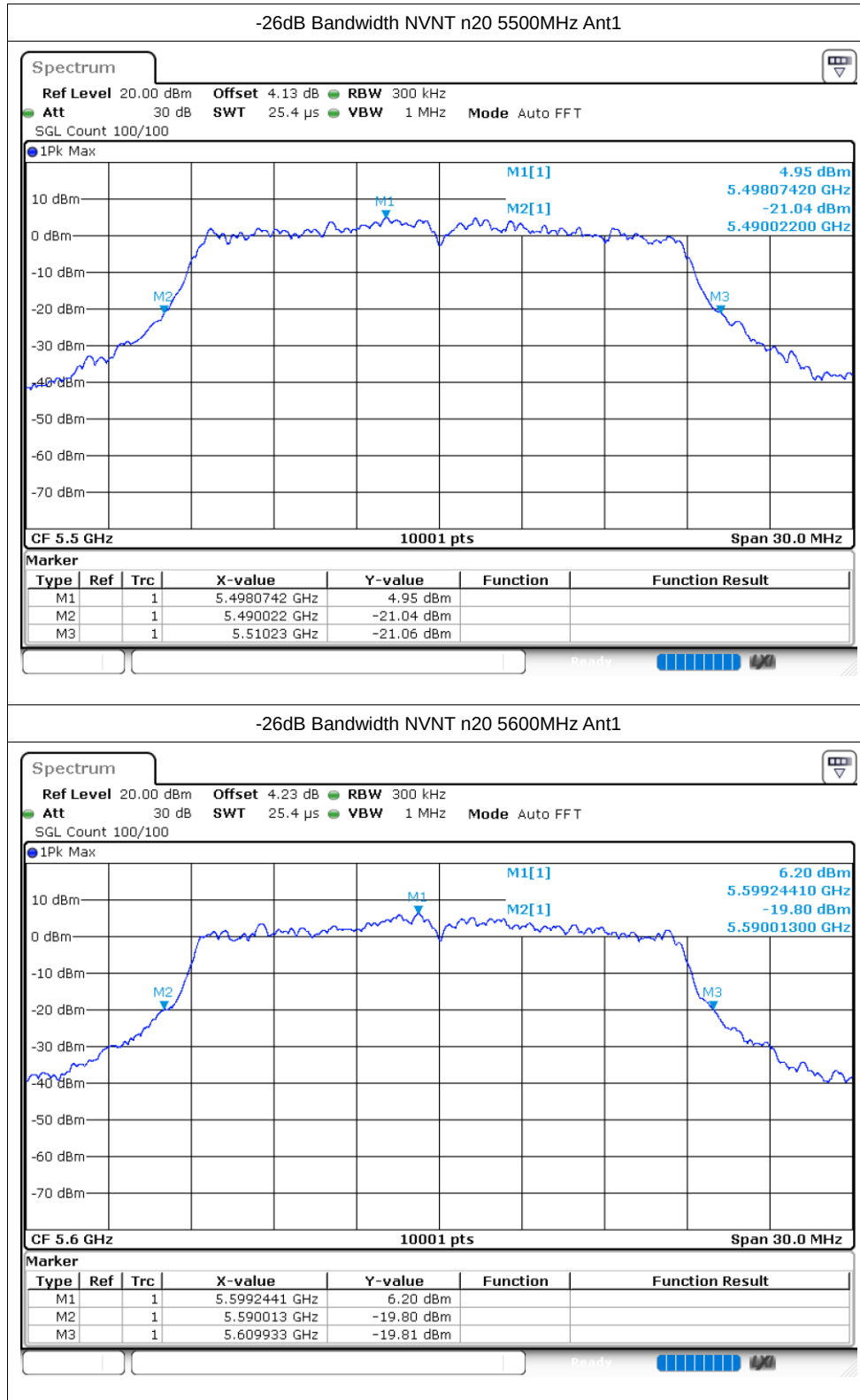


-26dB Bandwidth NVNT a 5600MHz Ant2

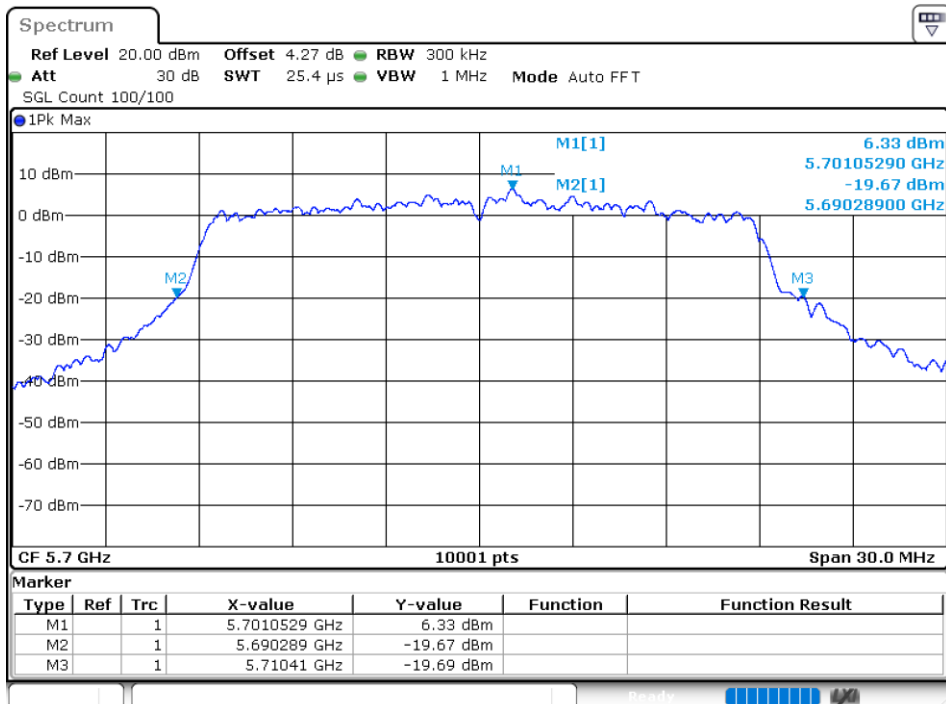


-26dB Bandwidth NVNT a 5700MHz Ant2





-26dB Bandwidth NVNT n20 5700MHz Ant1



-26dB Bandwidth NVNT n20 5500MHz Ant2

