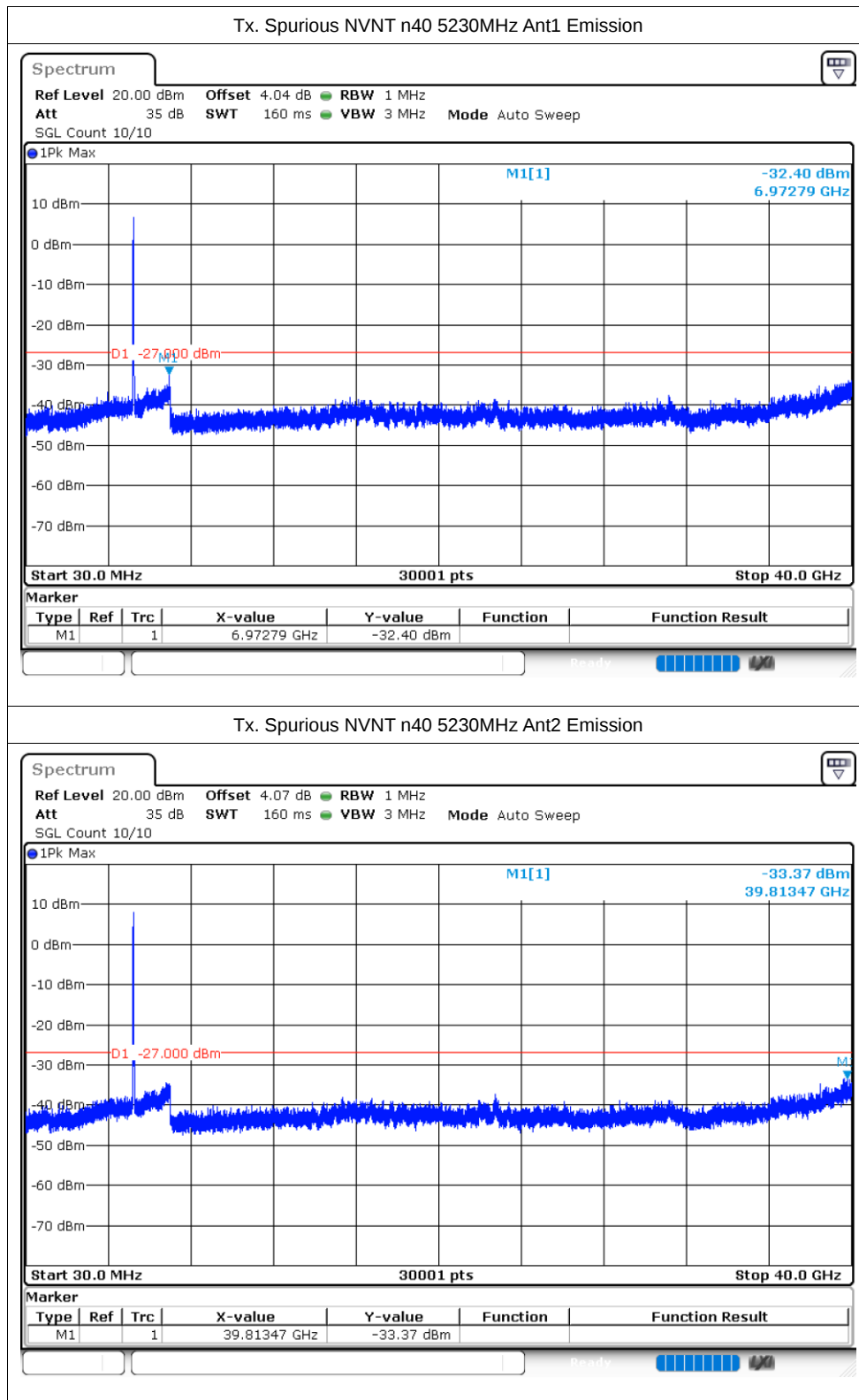




WIFI 5.8G:

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	57.4	2.41	0.71
NVNT	a	5785	Ant1	57.18	2.43	0.71
NVNT	a	5825	Ant1	80.79	0.93	∞
NVNT	a	5745	Ant2	57.28	2.42	0.72
NVNT	a	5785	Ant2	54.24	2.66	0.71
NVNT	a	5825	Ant2	54.68	2.62	0.72
NVNT	n20	5745	Ant1	53.19	2.74	0.77
NVNT	n20	5785	Ant1	55	2.6	0.77
NVNT	n20	5825	Ant1	80.41	0.95	50
NVNT	n20	5745	Ant2	53.35	2.73	0.77
NVNT	n20	5785	Ant2	52.71	2.78	0.77
NVNT	n20	5825	Ant2	52.73	2.78	0.77
NVNT	n40	5755	Ant1	63.62	1.96	1.52
NVNT	n40	5795	Ant1	70.89	1.49	∞
NVNT	n40	5755	Ant2	35.94	4.44	1.56
NVNT	n40	5795	Ant2	35.64	4.48	1.54
NVNT	ac20	5745	Ant1	52.73	2.78	0.77
NVNT	ac20	5785	Ant1	53.56	2.71	0.77
NVNT	ac20	5825	Ant1	100	0	0
NVNT	ac20	5745	Ant2	54.87	2.61	0.77
NVNT	ac20	5785	Ant2	53.64	2.7	0.76
NVNT	ac20	5825	Ant2	52.87	2.77	0.76
NVNT	ac40	5755	Ant1	36.41	4.39	1.52
NVNT	ac40	5795	Ant1	36.42	4.39	1.54
NVNT	ac40	5755	Ant2	36.34	4.4	1.54
NVNT	ac40	5795	Ant2	36.43	4.39	1.54
NVNT	ac80	5775	Ant1	22.39	6.5	3.12
NVNT	ac80	5775	Ant2	22.39	6.5	3.03
NVNT	ax20	5745	Ant1	49.11	3.09	0.99
NVNT	ax20	5785	Ant1	46.96	3.28	0.99
NVNT	ax20	5825	Ant1	47.08	3.27	0.98
NVNT	ax20	5745	Ant2	48.41	3.15	0.98
NVNT	ax20	5785	Ant2	46.93	3.29	0.98
NVNT	ax20	5825	Ant2	46.78	3.3	0.98
NVNT	ax40	5755	Ant1	33.75	4.72	1.89
NVNT	ax40	5795	Ant1	31.51	5.02	1.89

NVNT	ax40	5755	Ant2	31.82	4.97	1.89
NVNT	ax40	5795	Ant2	32.36	4.9	1.85
NVNT	ax80	5775	Ant1	20.26	6.93	3.57
NVNT	ax80	5775	Ant2	20.19	6.95	3.45

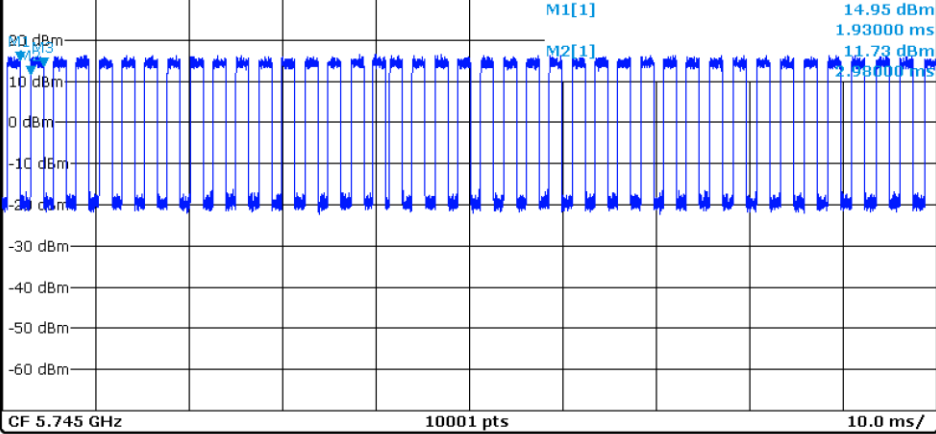
Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

Spectrum

Ref Level 30.00 dBm Offset 4.25 dB RBW 10 MHz
 Att 45 dB SWT 100 ms VBW 10 MHz
 SGL

1Pk Clrw



Marker

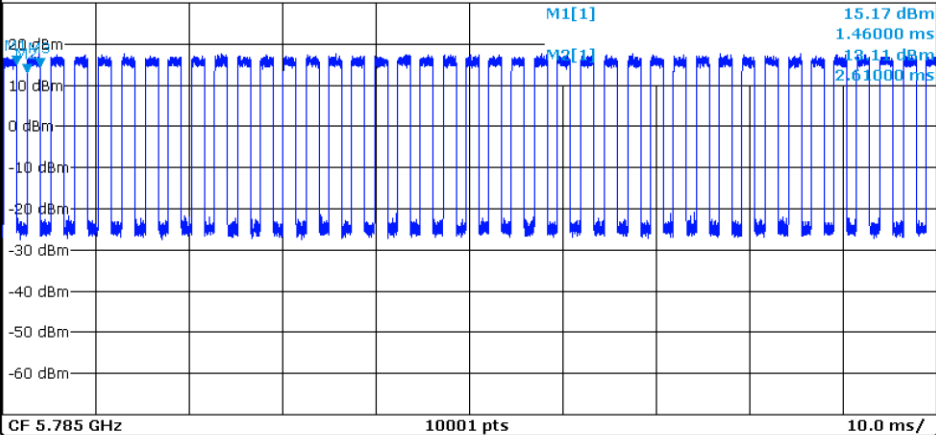
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.93 ms	14.95 dBm		
M2	1		2.98 ms	11.73 dBm		
M3	1		4.38 ms	13.48 dBm		

Duty Cycle NVNT a 5785MHz Ant1

Spectrum

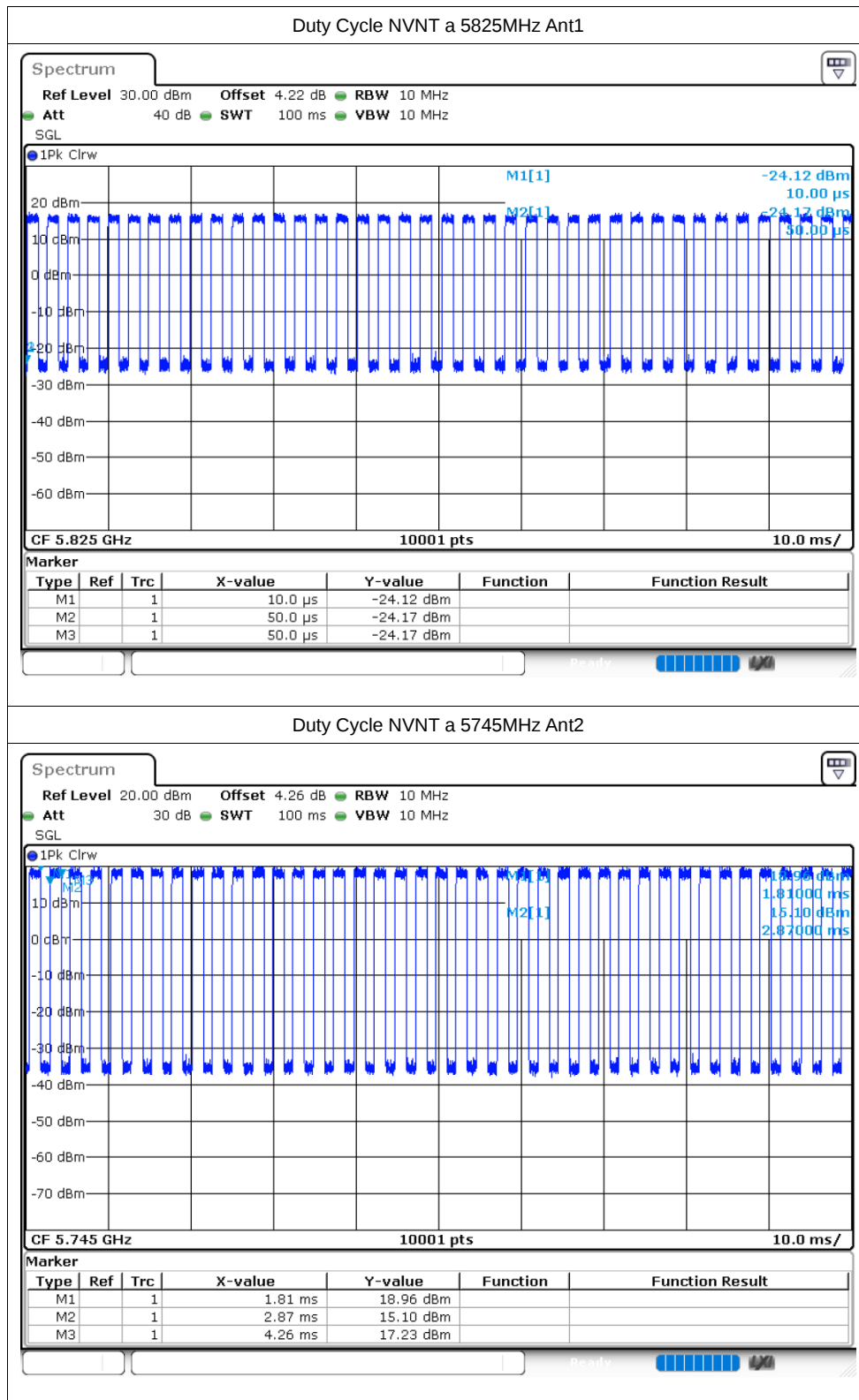
Ref Level 30.00 dBm Offset 4.24 dB RBW 10 MHz
 Att 40 dB SWT 100 ms VBW 10 MHz
 SGL

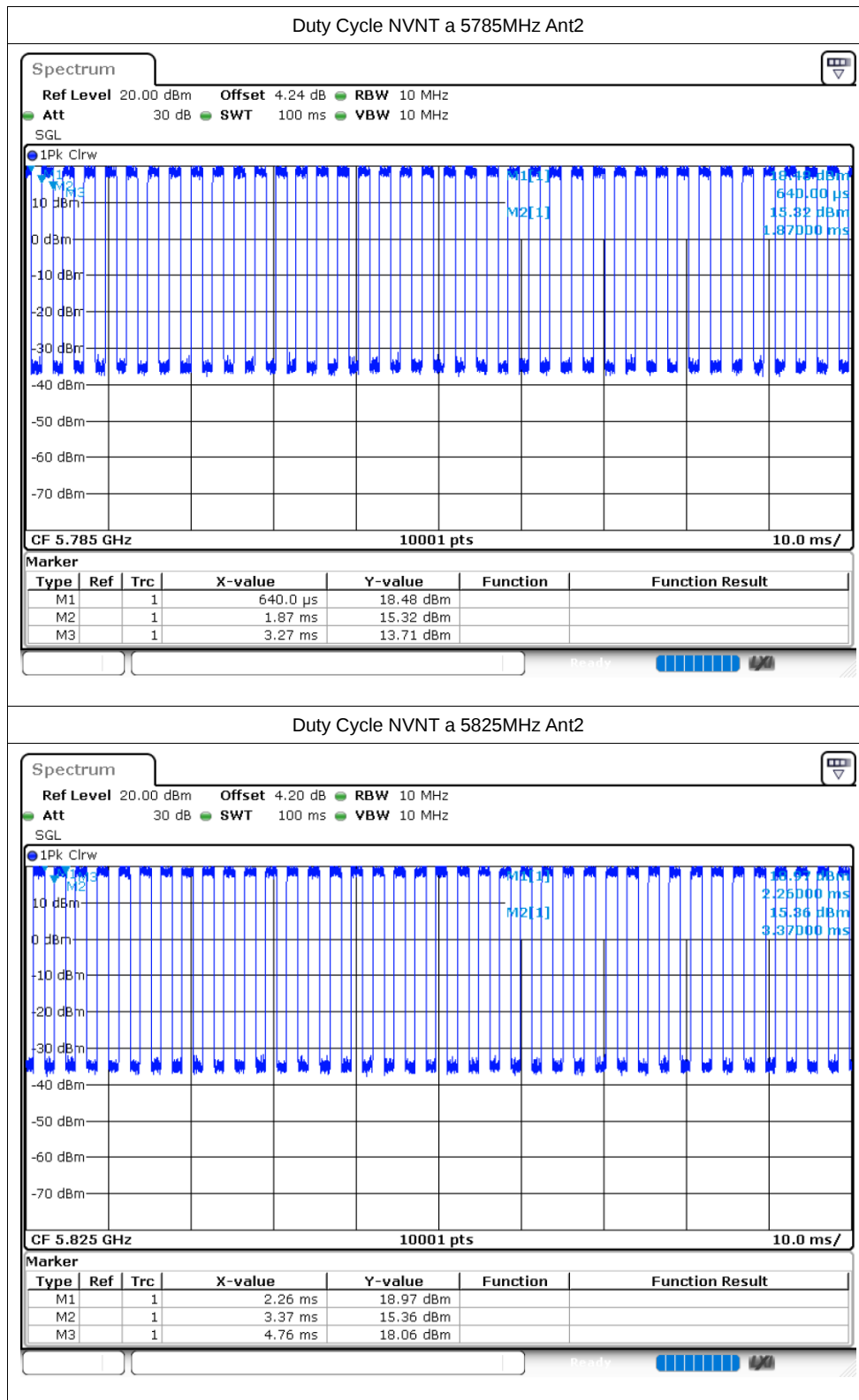
1Pk Clrw

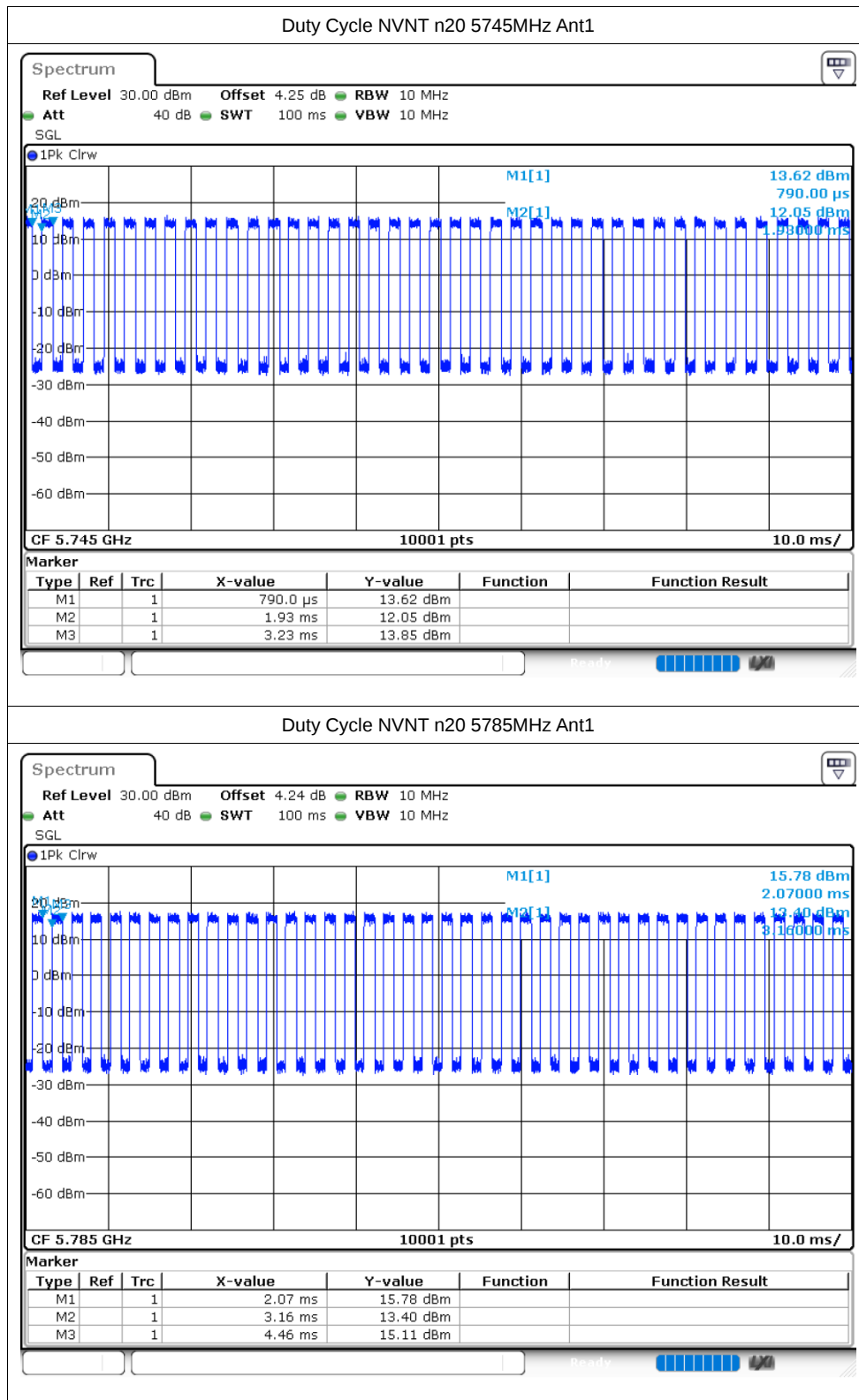


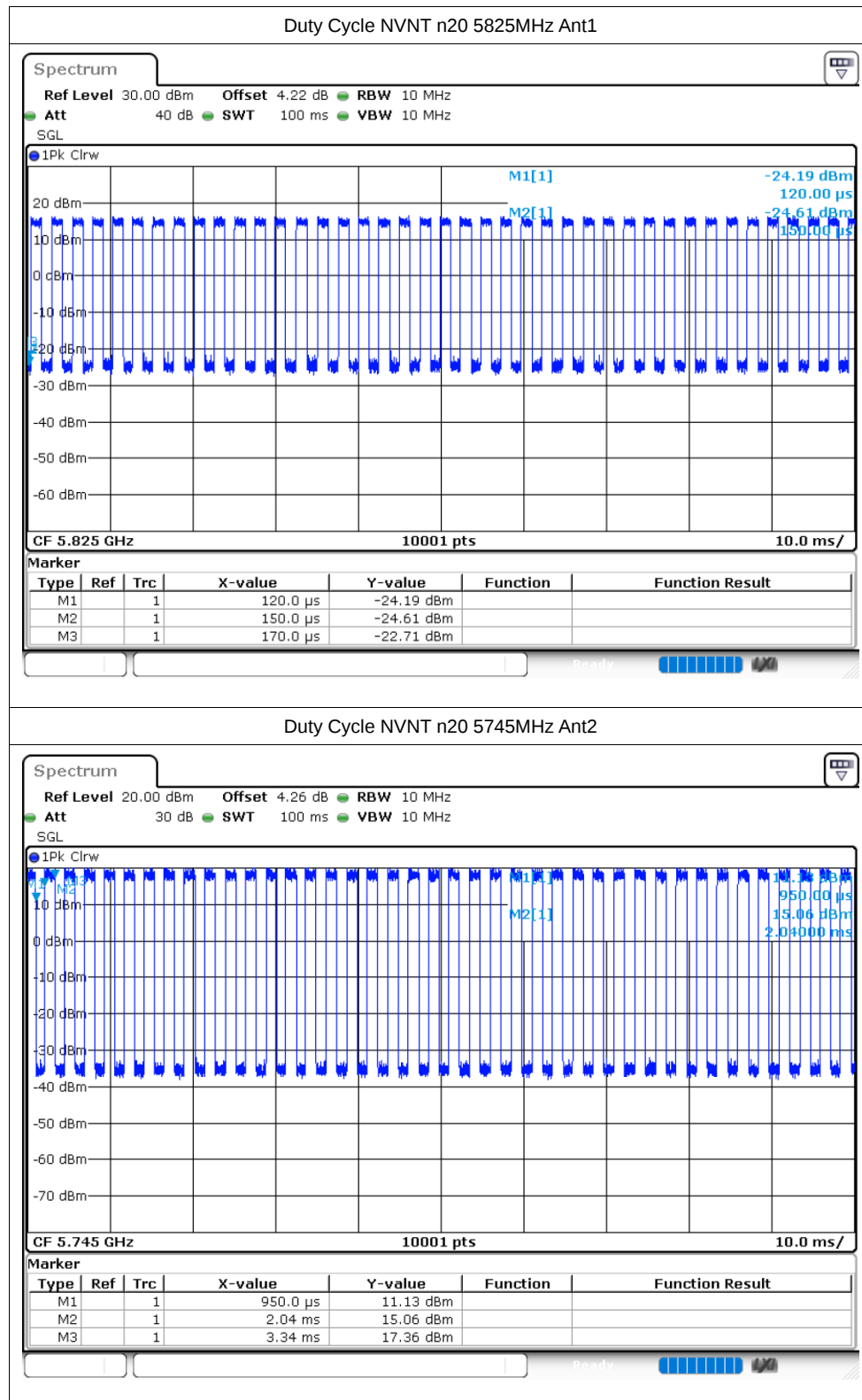
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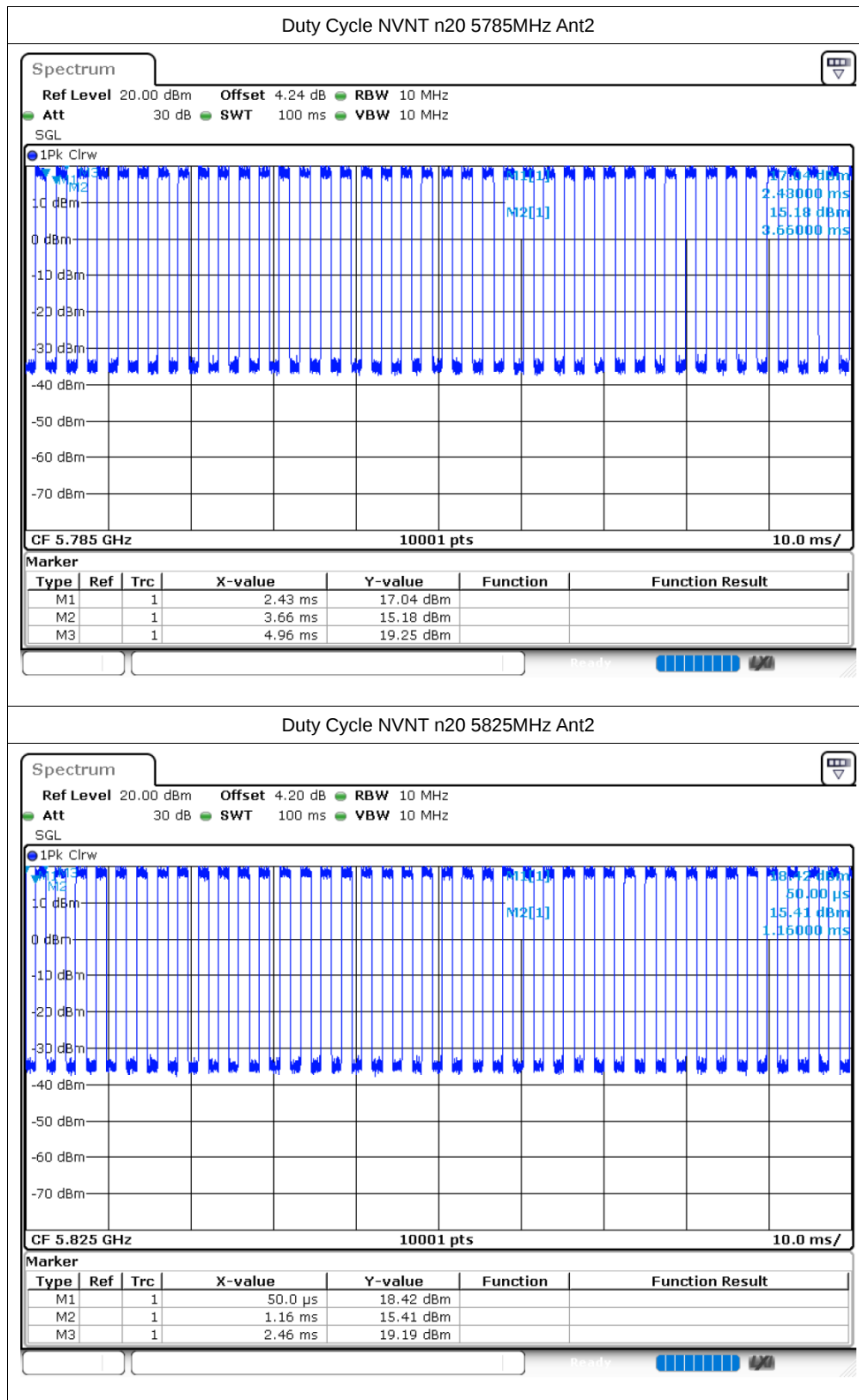
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.46 ms	15.17 dBm		
M2	1		2.61 ms	13.11 dBm		
M3	1		4.01 ms	14.41 dBm		

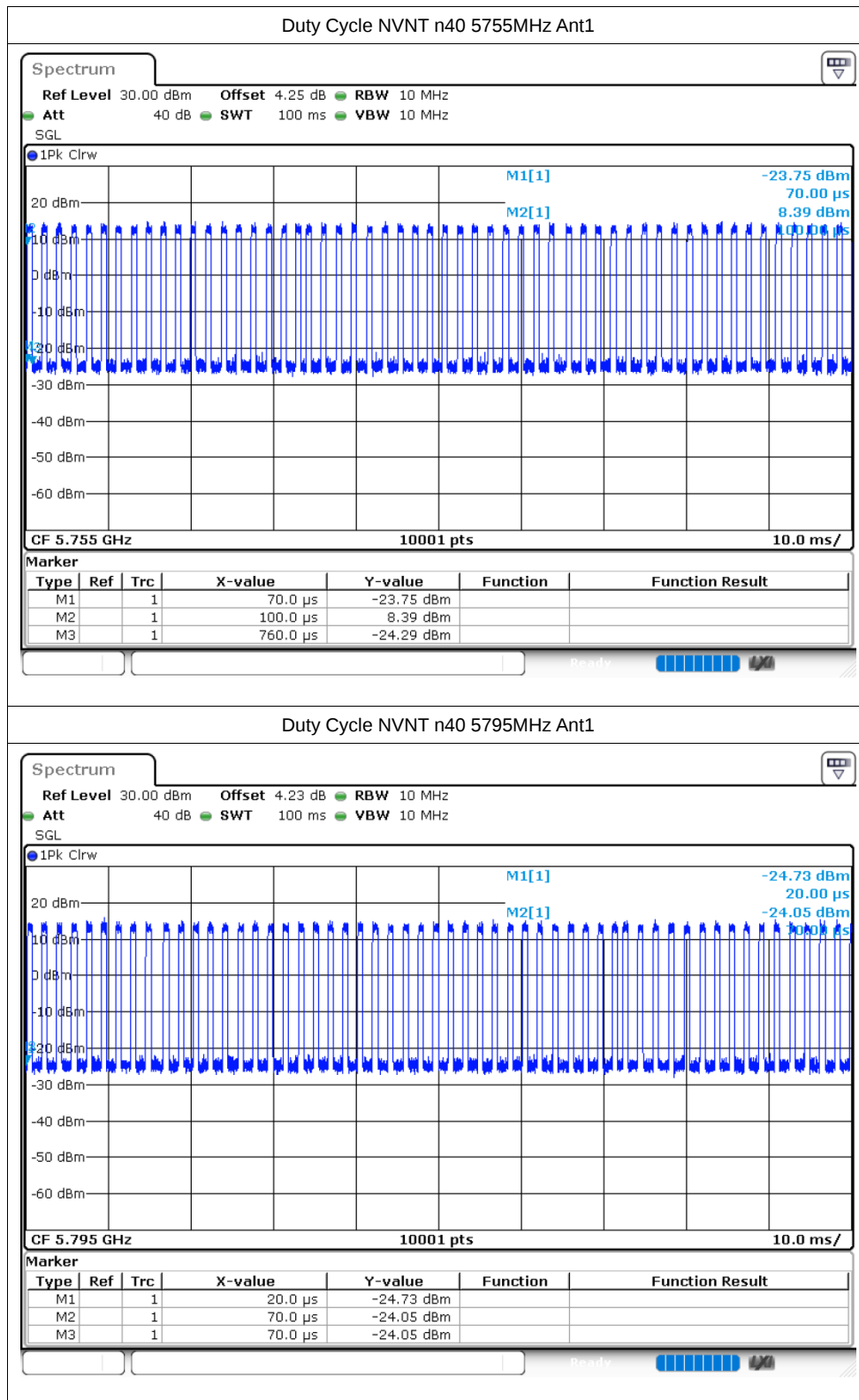


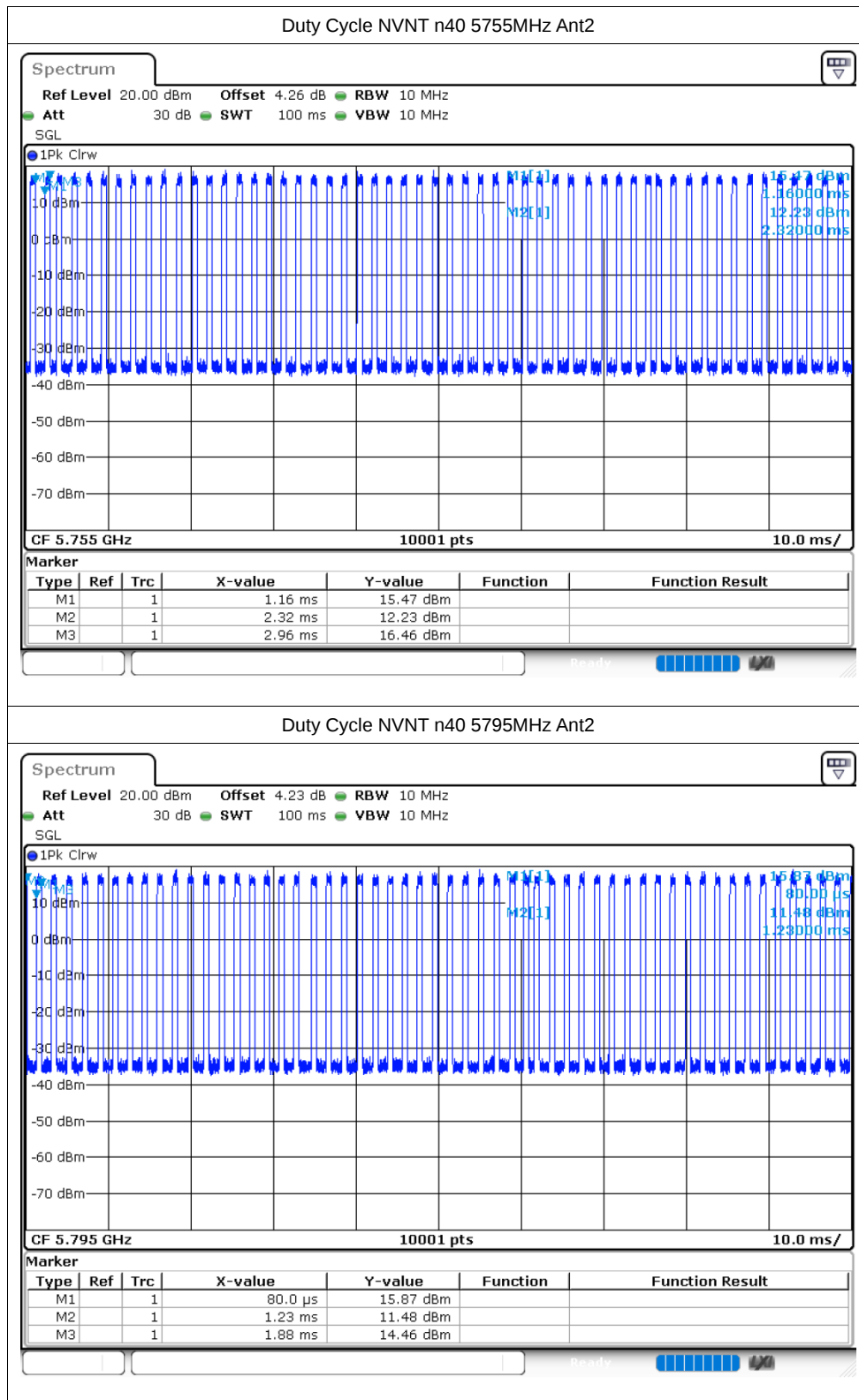


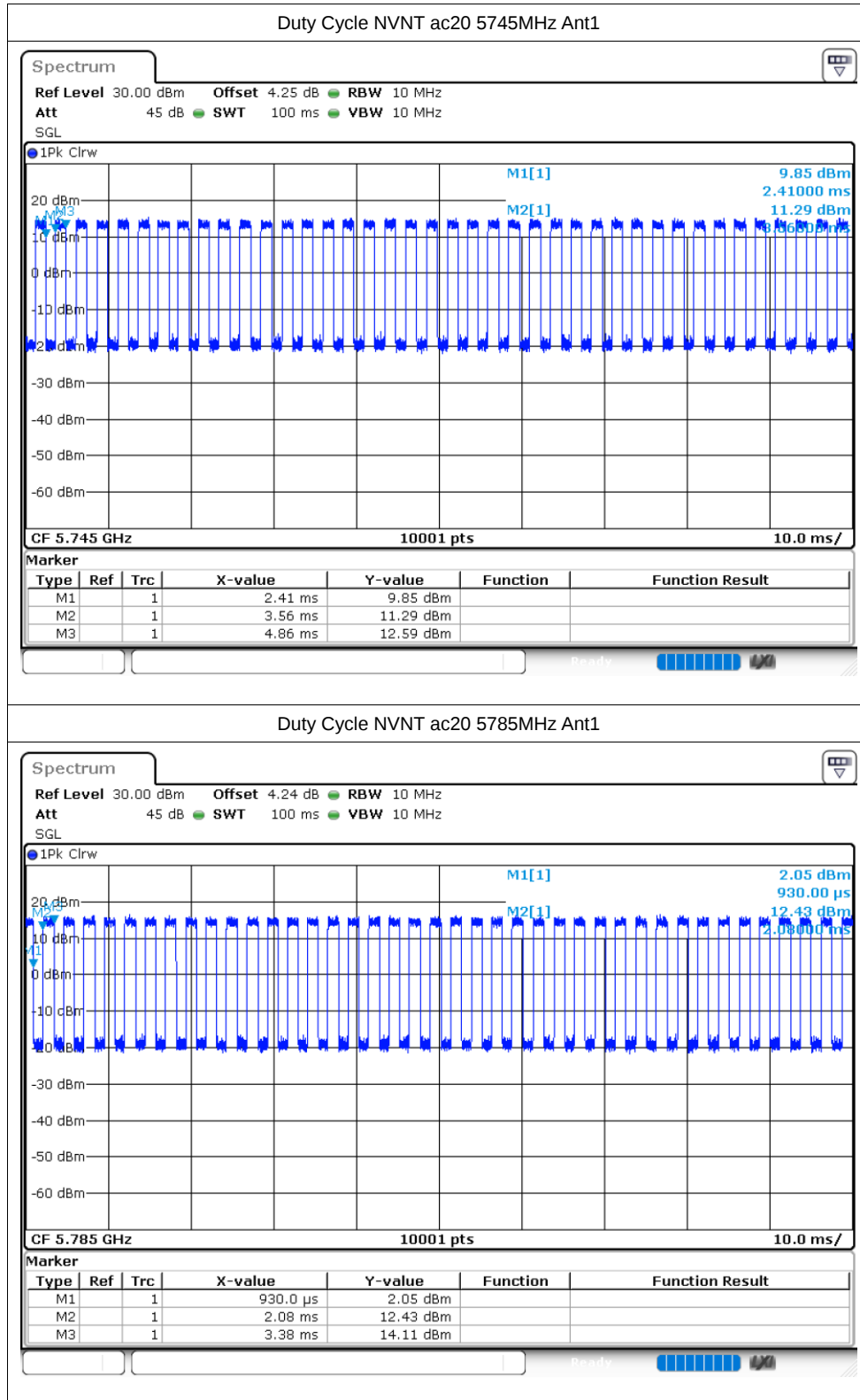


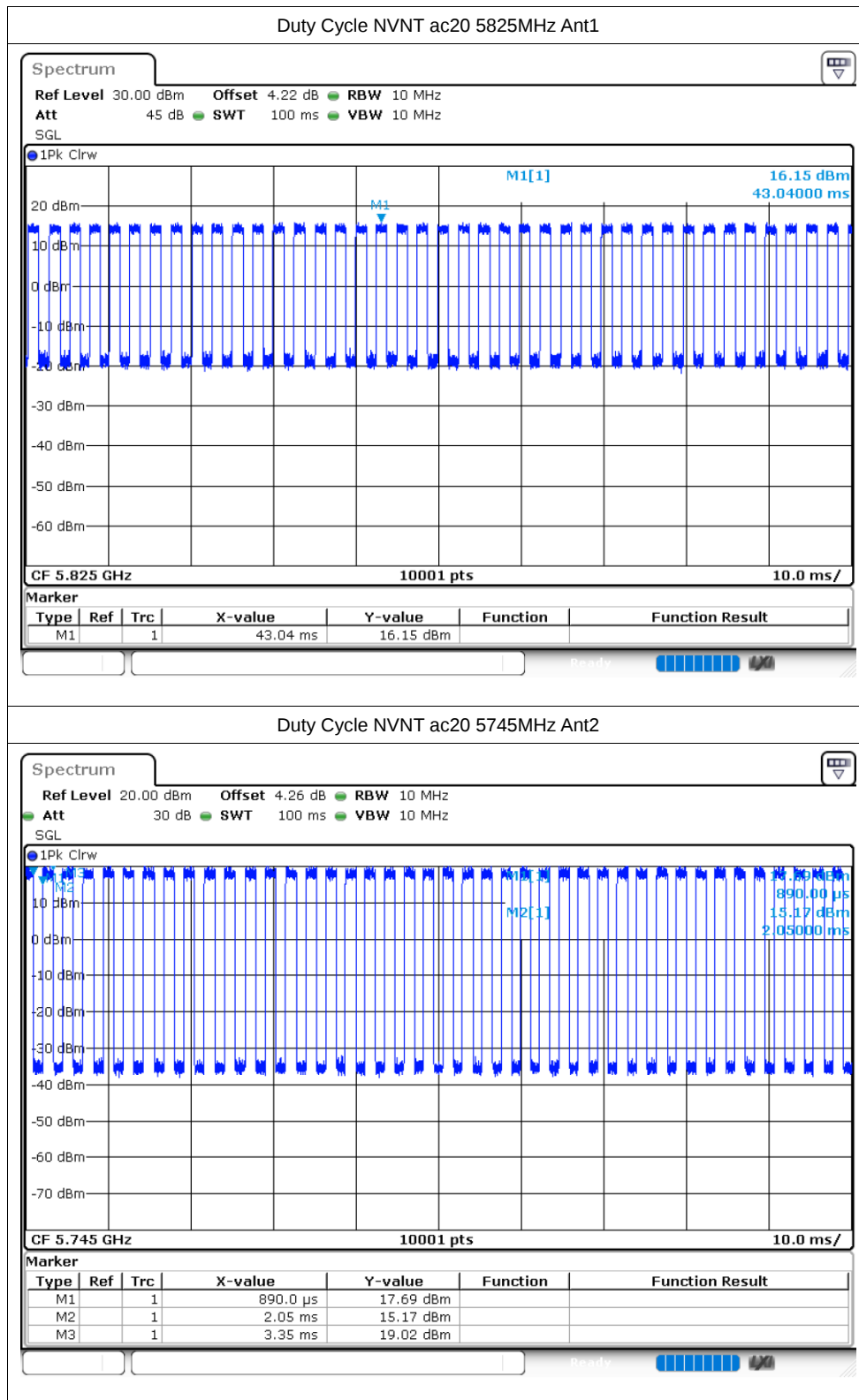


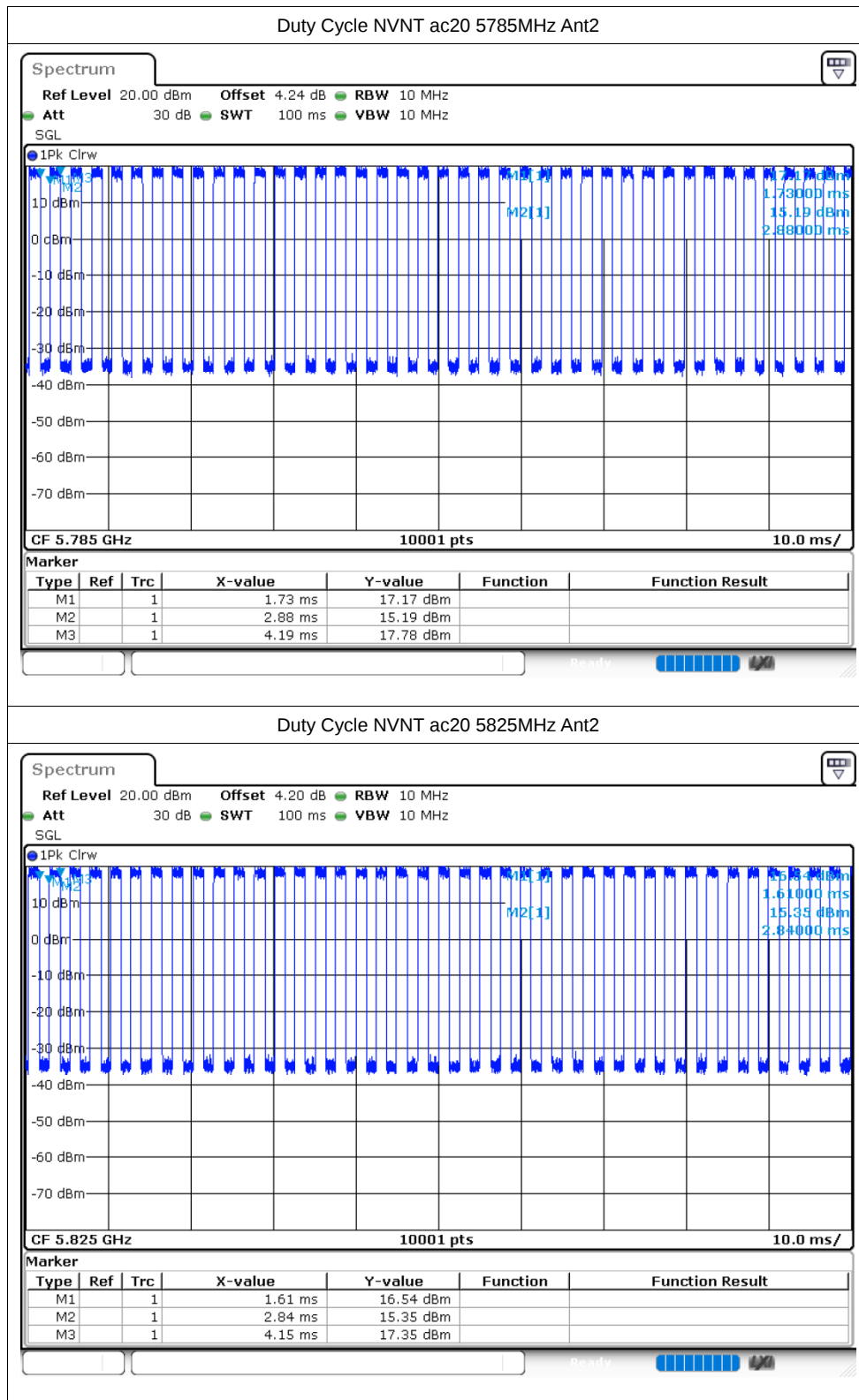


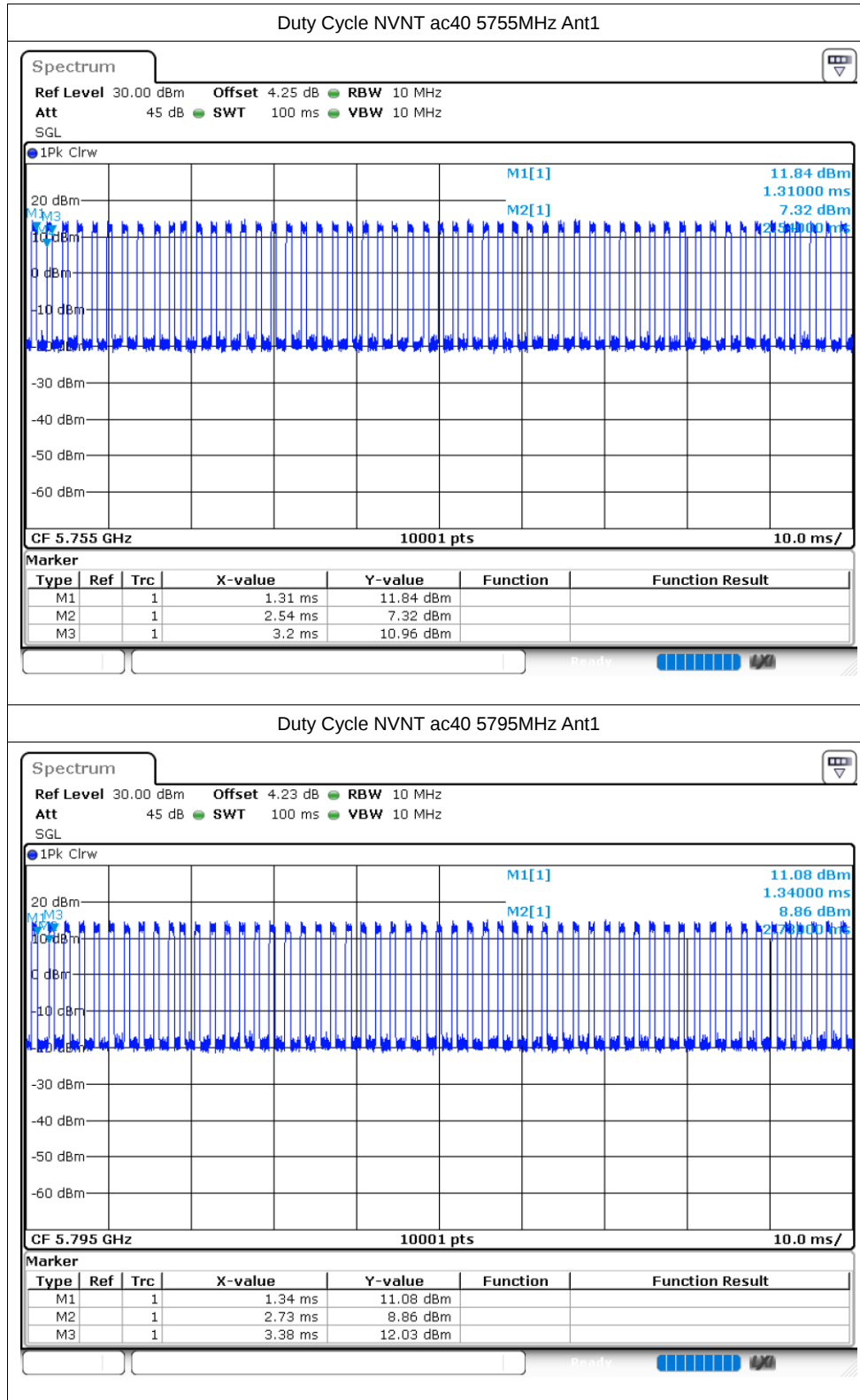


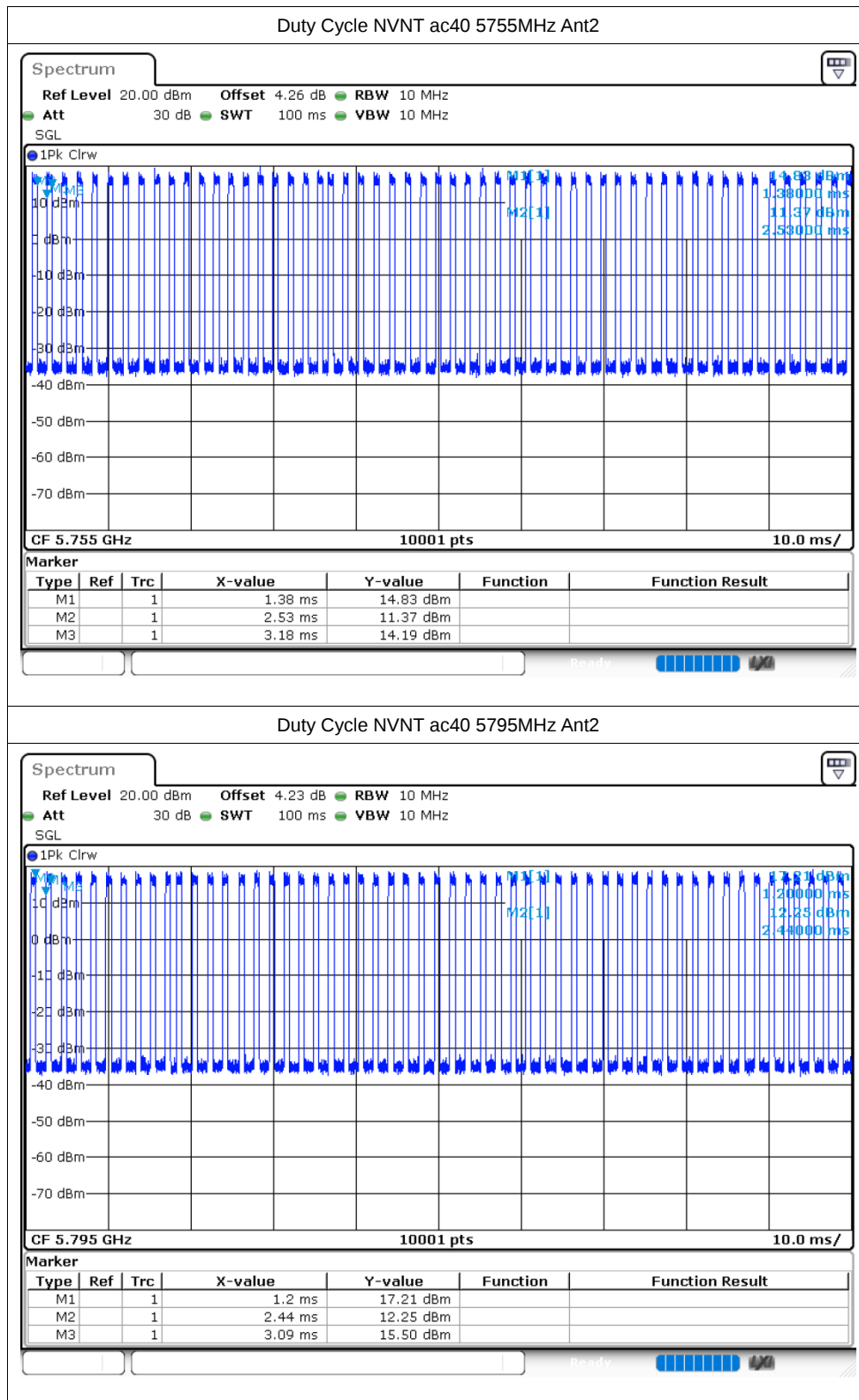


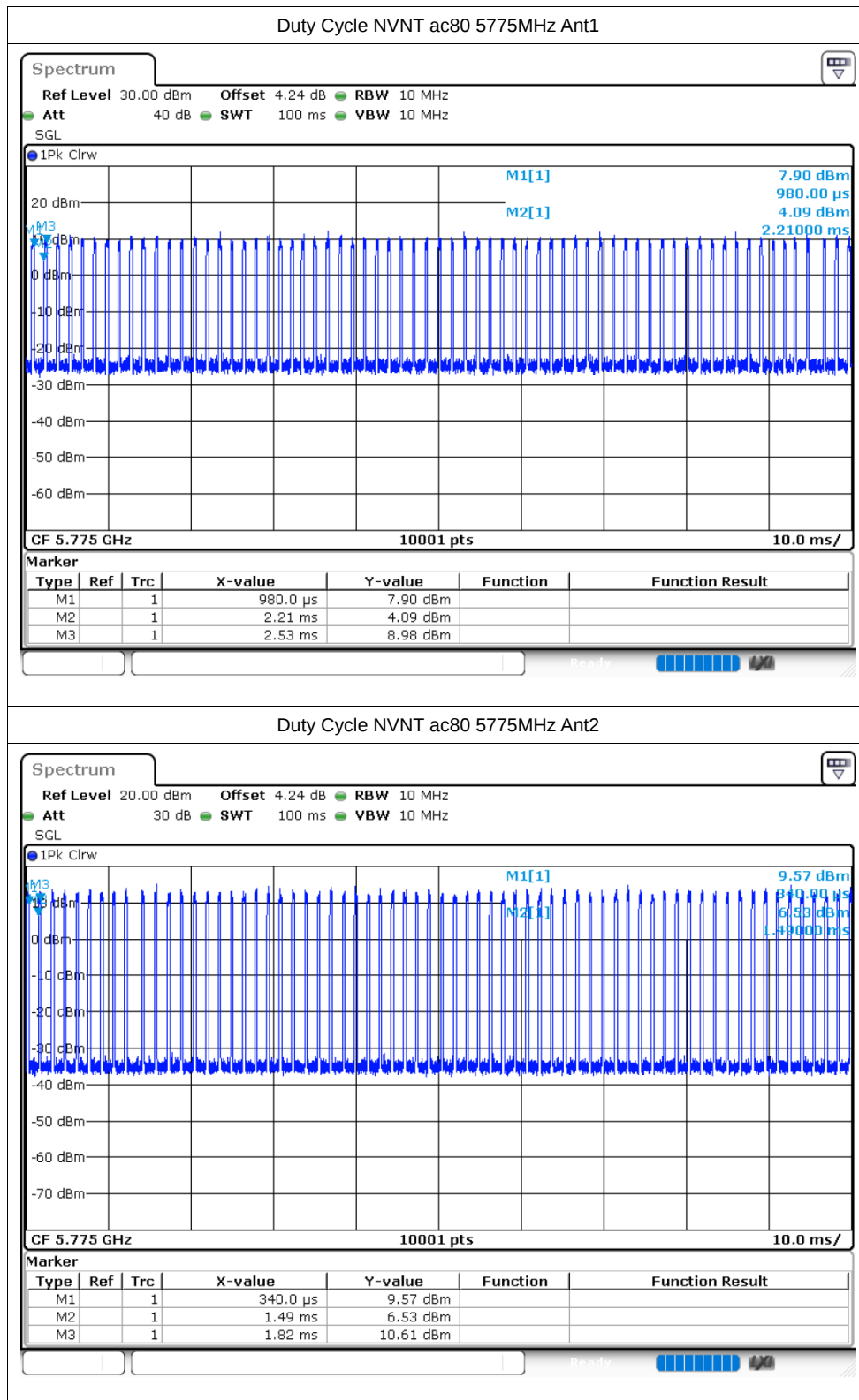


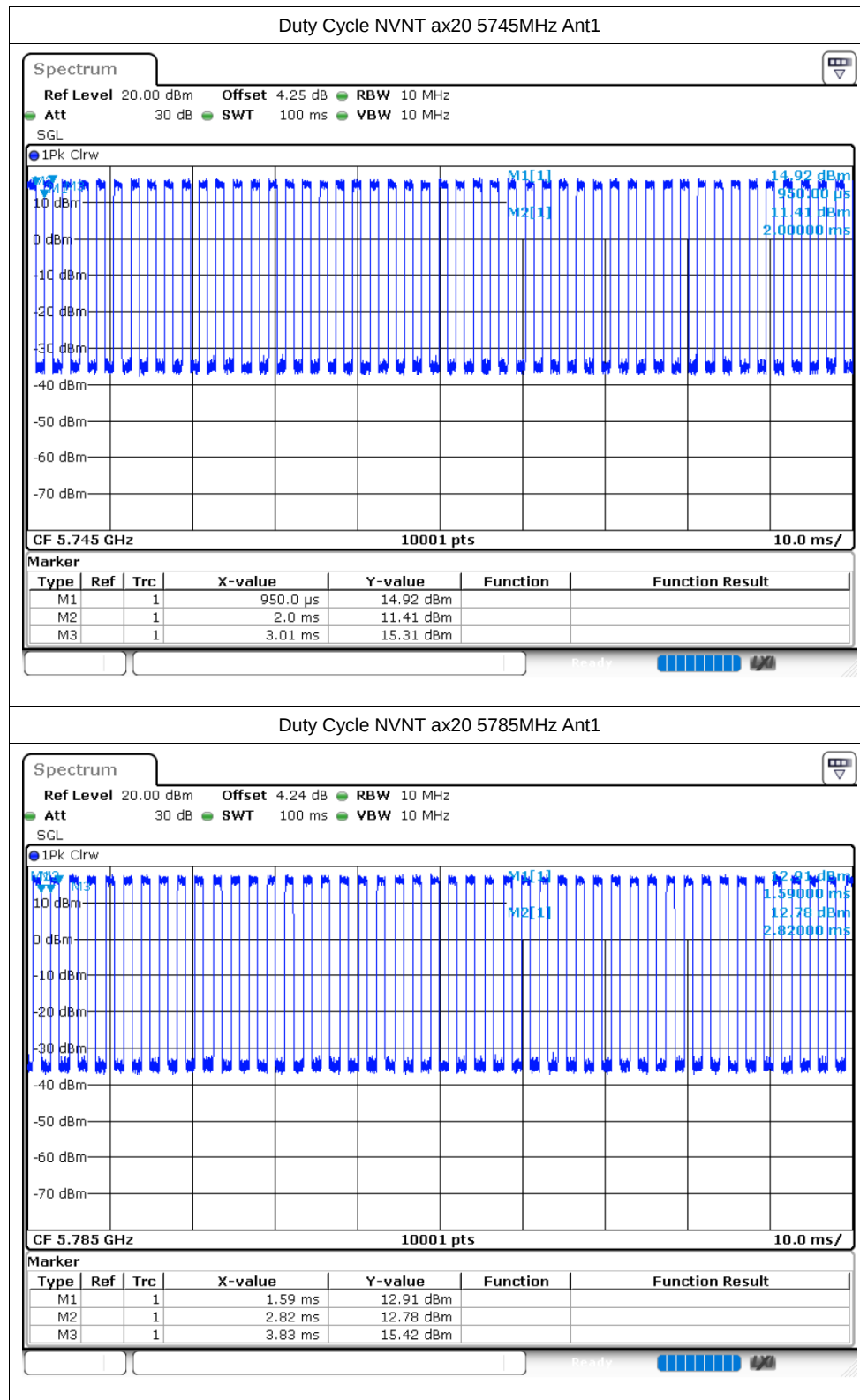


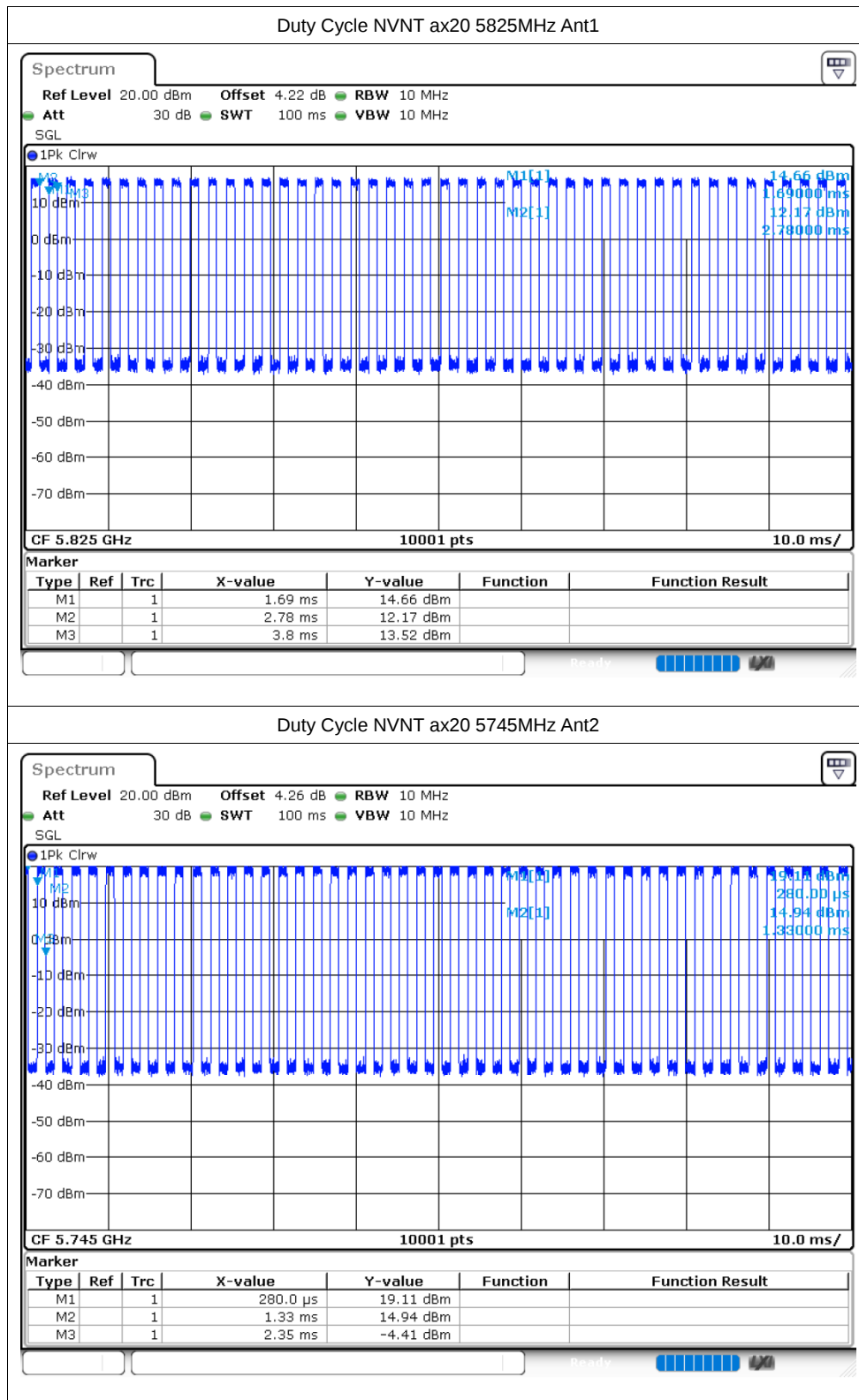


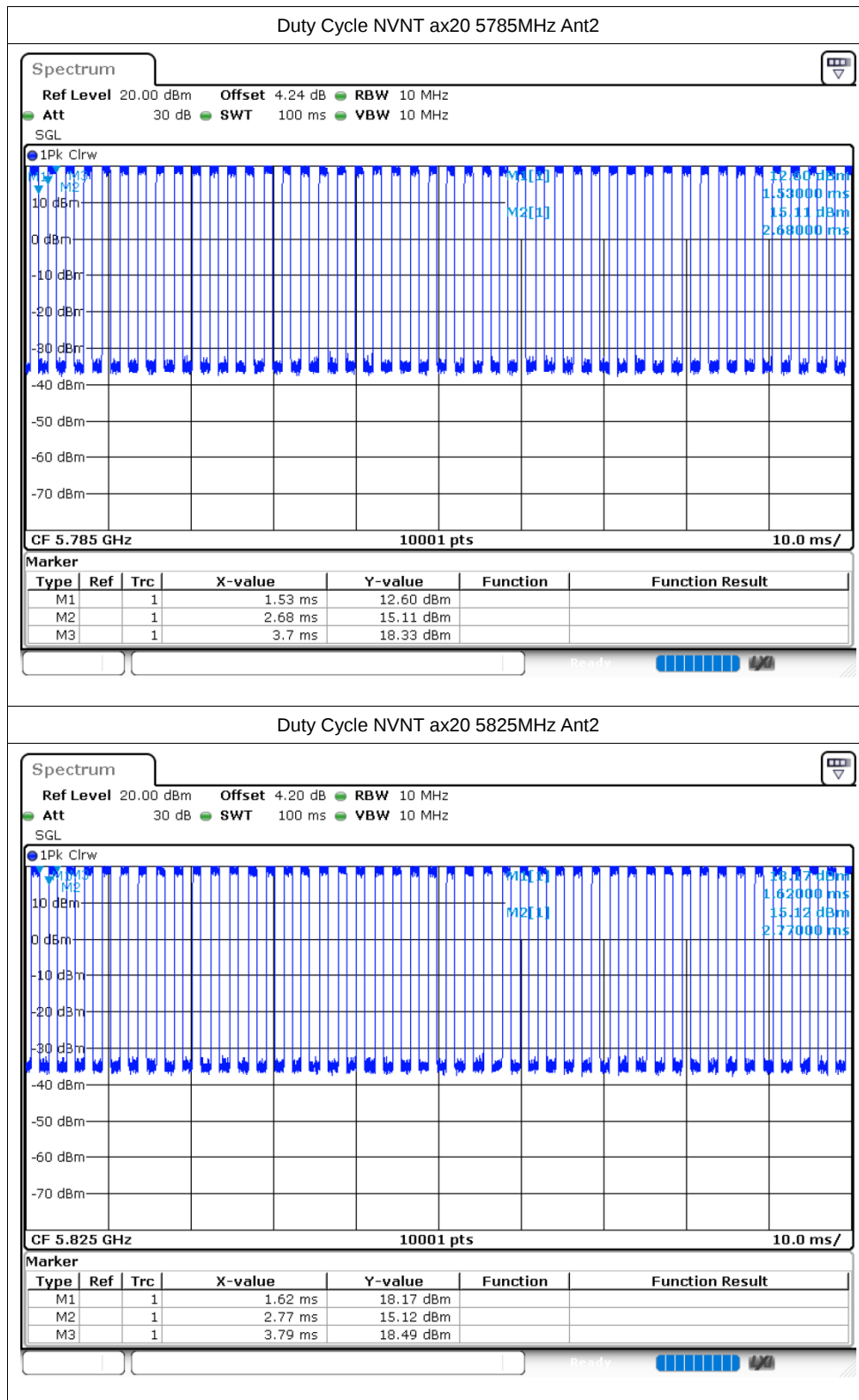


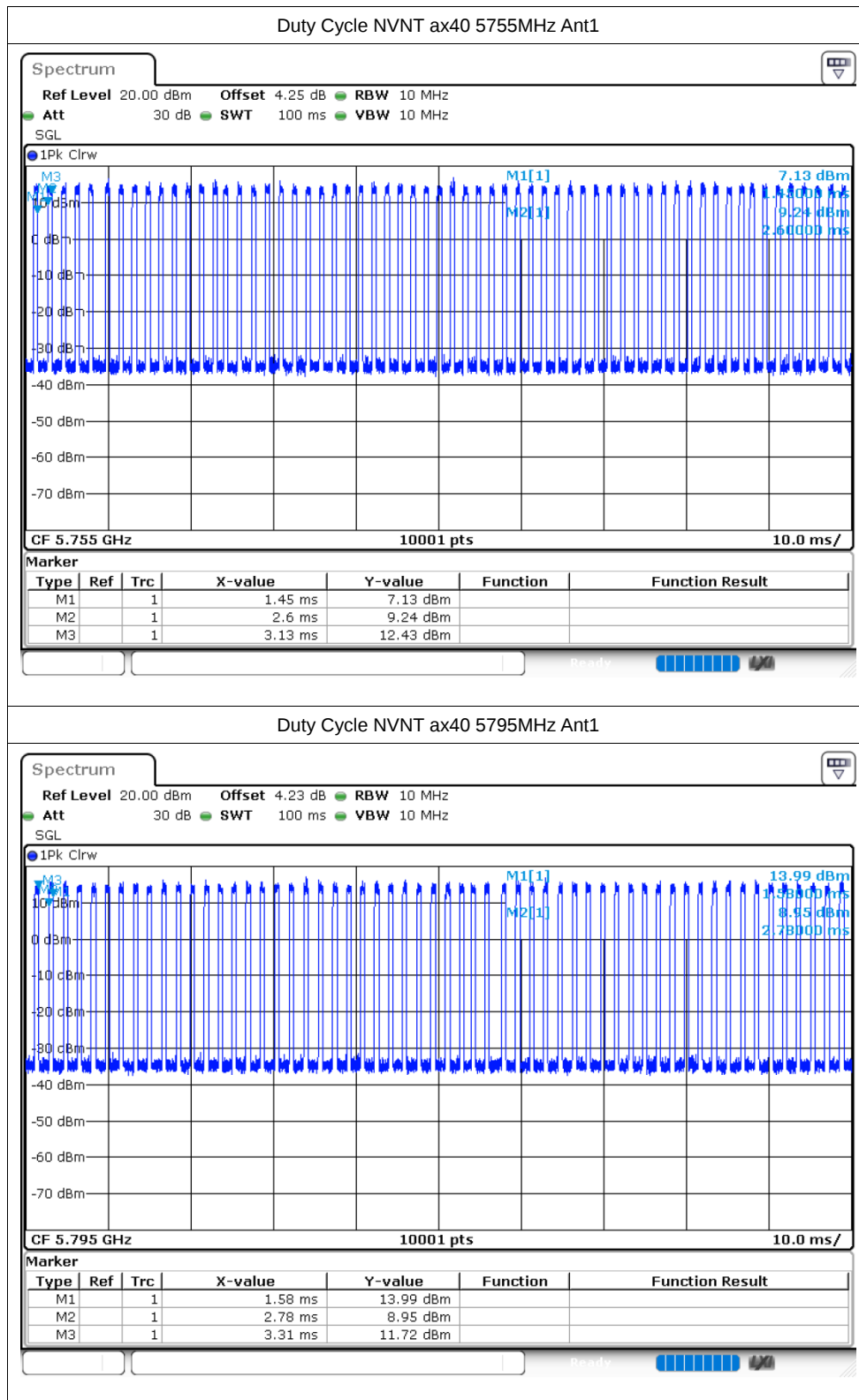


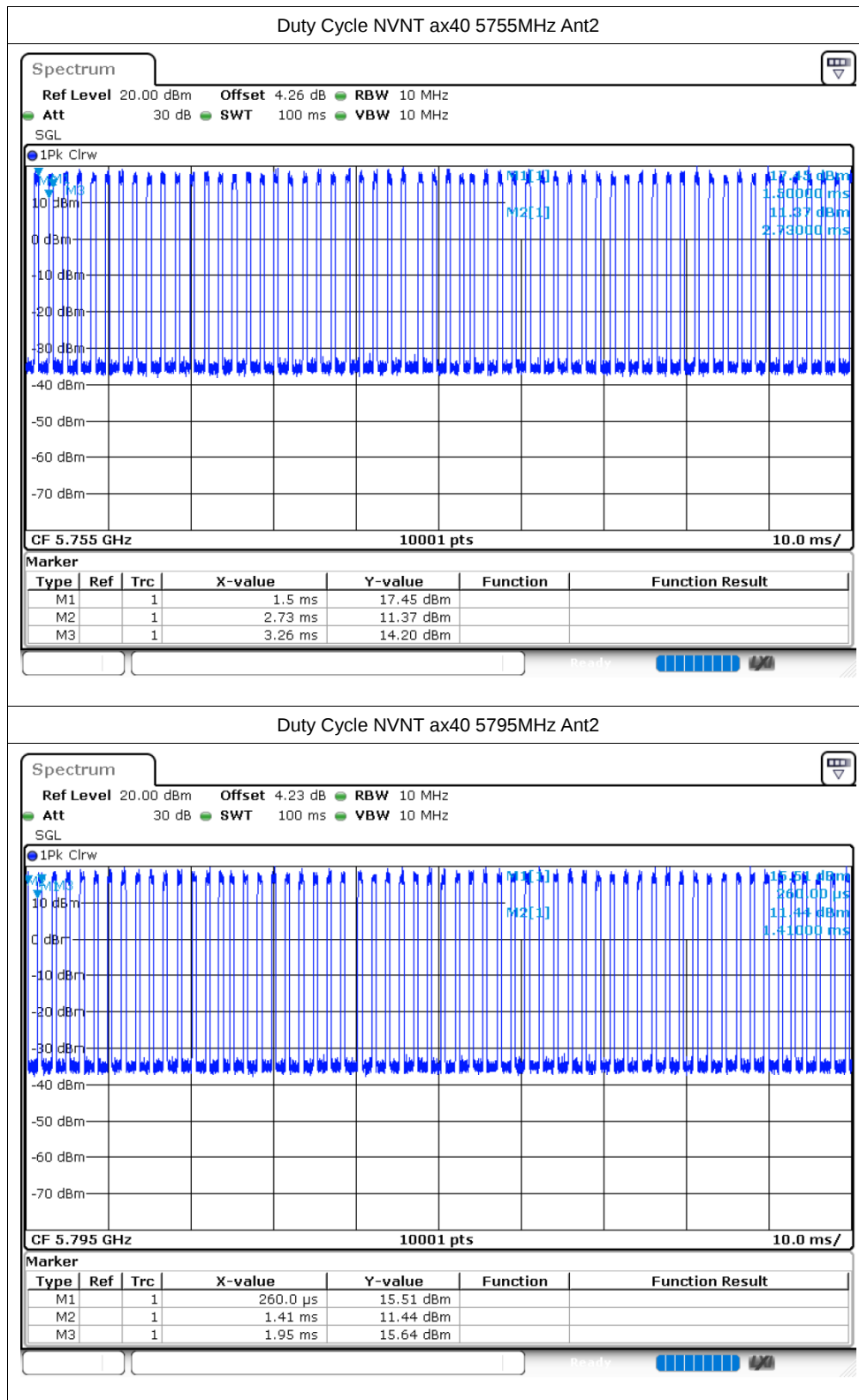


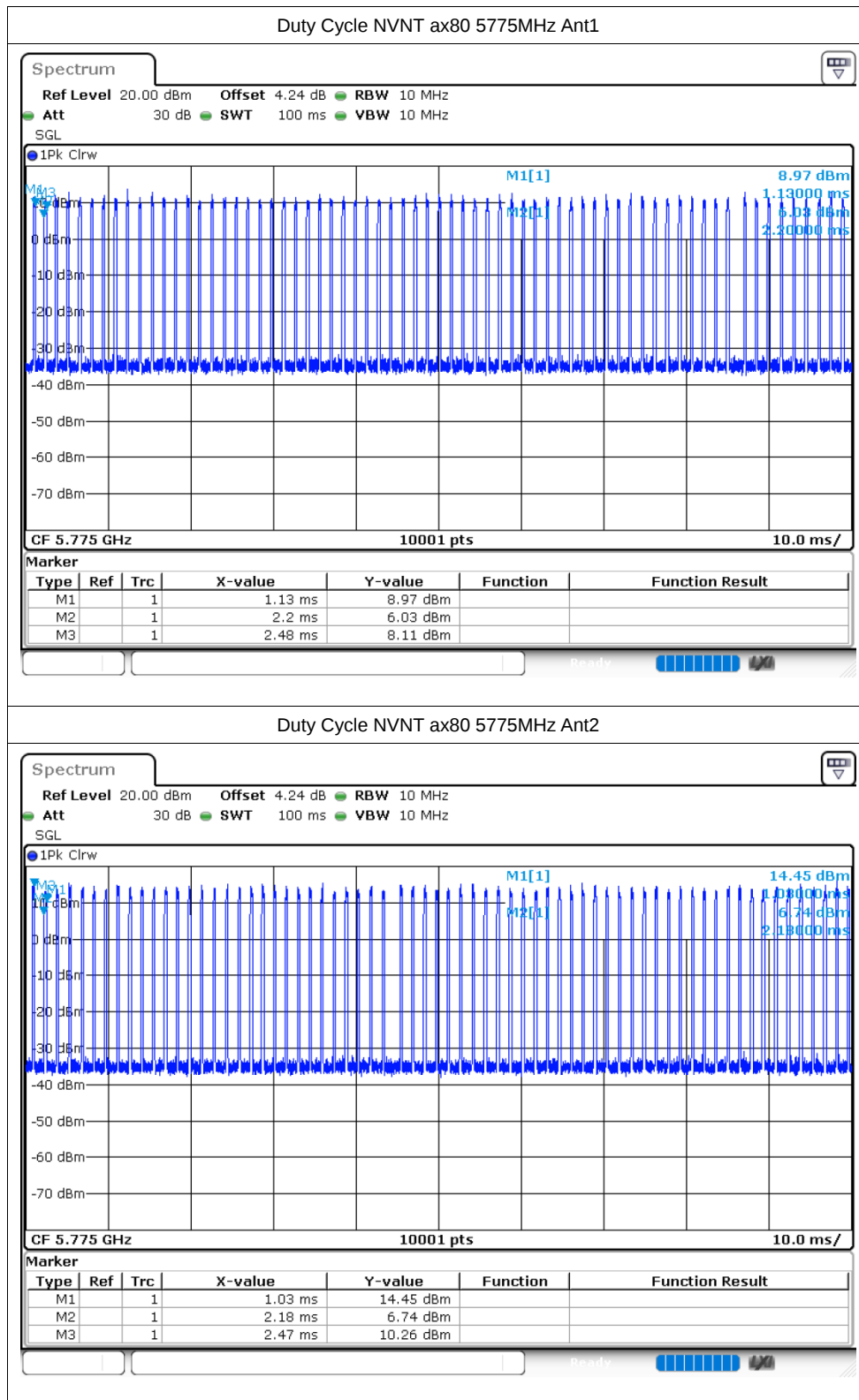












Maximum Conducted Output Power

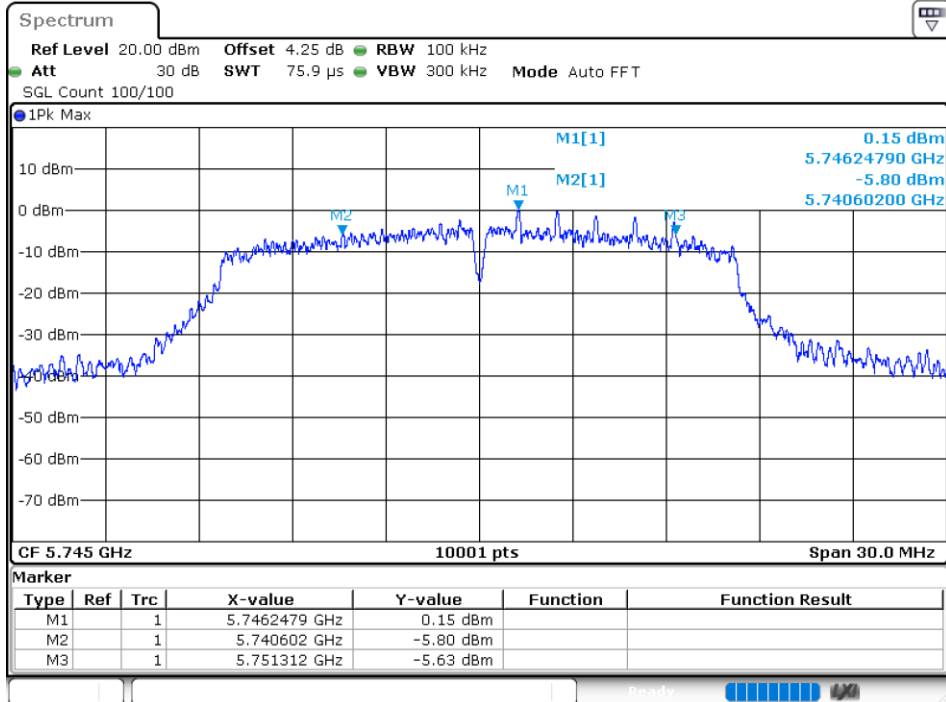
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.9	30	Pass
NVNT	a	5785	Ant1	11.39	30	Pass
NVNT	a	5825	Ant1	11.51	30	Pass
NVNT	a	5745	Ant2	14.3	30	Pass
NVNT	a	5785	Ant2	14.78	30	Pass
NVNT	a	5825	Ant2	15.04	30	Pass
NVNT	n20	5745	Ant1	10.75	30	Pass
NVNT	n20	5785	Ant1	10.93	30	Pass
NVNT	n20	5825	Ant1	10.74	30	Pass
NVNT	n20	5745	Ant2	14.17	30	Pass
NVNT	n20	5785	Ant2	14.66	30	Pass
NVNT	n20	5825	Ant2	14.9	30	Pass
NVNT	n40	5755	Ant1	10.75	30	Pass
NVNT	n40	5795	Ant1	10.91	30	Pass
NVNT	n40	5755	Ant2	14.54	30	Pass
NVNT	n40	5795	Ant2	14.92	30	Pass
NVNT	ac20	5745	Ant1	10.35	30	Pass
NVNT	ac20	5785	Ant1	10.25	30	Pass
NVNT	ac20	5825	Ant1	10.54	30	Pass
NVNT	ac20	5745	Ant2	14.14	30	Pass
NVNT	ac20	5785	Ant2	14.65	30	Pass
NVNT	ac20	5825	Ant2	14.89	30	Pass
NVNT	ac40	5755	Ant1	10.17	30	Pass
NVNT	ac40	5795	Ant1	10.35	30	Pass
NVNT	ac40	5755	Ant2	14.54	30	Pass
NVNT	ac40	5795	Ant2	14.9	30	Pass
NVNT	ac80	5775	Ant1	10.05	30	Pass
NVNT	ac80	5775	Ant2	14.45	30	Pass
NVNT	ax20	5745	Ant1	10.38	30	Pass
NVNT	ax20	5785	Ant1	10.85	30	Pass
NVNT	ax20	5825	Ant1	10.46	30	Pass
NVNT	ax20	5745	Ant2	14.36	30	Pass
NVNT	ax20	5785	Ant2	14.86	30	Pass
NVNT	ax20	5825	Ant2	15.03	30	Pass
NVNT	ax40	5755	Ant1	10.81	30	Pass
NVNT	ax40	5795	Ant1	11.04	30	Pass
NVNT	ax40	5755	Ant2	14.73	30	Pass
NVNT	ax40	5795	Ant2	15.09	30	Pass
NVNT	ax80	5775	Ant1	10.8	30	Pass
NVNT	ax80	5775	Ant2	14.7	30	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	10.71	0.5	Pass
NVNT	a	5785	Ant1	12.597	0.5	Pass
NVNT	a	5825	Ant1	16.284	0.5	Pass
NVNT	a	5745	Ant2	15.375	0.5	Pass
NVNT	a	5785	Ant2	16.032	0.5	Pass
NVNT	a	5825	Ant2	16.269	0.5	Pass
NVNT	n20	5745	Ant1	11.322	0.5	Pass
NVNT	n20	5785	Ant1	15.405	0.5	Pass
NVNT	n20	5825	Ant1	14.376	0.5	Pass
NVNT	n20	5745	Ant2	11.604	0.5	Pass
NVNT	n20	5785	Ant2	17.526	0.5	Pass
NVNT	n20	5825	Ant2	11.325	0.5	Pass
NVNT	n40	5755	Ant1	28.83	0.5	Pass
NVNT	n40	5795	Ant1	24.156	0.5	Pass
NVNT	n40	5755	Ant2	32.532	0.5	Pass
NVNT	n40	5795	Ant2	33.15	0.5	Pass
NVNT	ac20	5745	Ant1	15.303	0.5	Pass
NVNT	ac20	5785	Ant1	12.606	0.5	Pass
NVNT	ac20	5825	Ant1	16.32	0.5	Pass
NVNT	ac20	5745	Ant2	10.332	0.5	Pass
NVNT	ac20	5785	Ant2	15.429	0.5	Pass
NVNT	ac20	5825	Ant2	14.301	0.5	Pass
NVNT	ac40	5755	Ant1	30.042	0.5	Pass
NVNT	ac40	5795	Ant1	28.788	0.5	Pass
NVNT	ac40	5755	Ant2	29.982	0.5	Pass
NVNT	ac40	5795	Ant2	32.508	0.5	Pass
NVNT	ac80	5775	Ant1	75.096	0.5	Pass
NVNT	ac80	5775	Ant2	75.144	0.5	Pass
NVNT	ax20	5745	Ant1	18.216	0.5	Pass
NVNT	ax20	5785	Ant1	15.363	0.5	Pass
NVNT	ax20	5825	Ant1	14.529	0.5	Pass
NVNT	ax20	5745	Ant2	16.929	0.5	Pass
NVNT	ax20	5785	Ant2	14.007	0.5	Pass
NVNT	ax20	5825	Ant2	17.628	0.5	Pass
NVNT	ax40	5755	Ant1	34.392	0.5	Pass
NVNT	ax40	5795	Ant1	35.058	0.5	Pass
NVNT	ax40	5755	Ant2	36.36	0.5	Pass
NVNT	ax40	5795	Ant2	27.426	0.5	Pass
NVNT	ax80	5775	Ant1	76.248	0.5	Pass
NVNT	ax80	5775	Ant2	77.484	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1

