

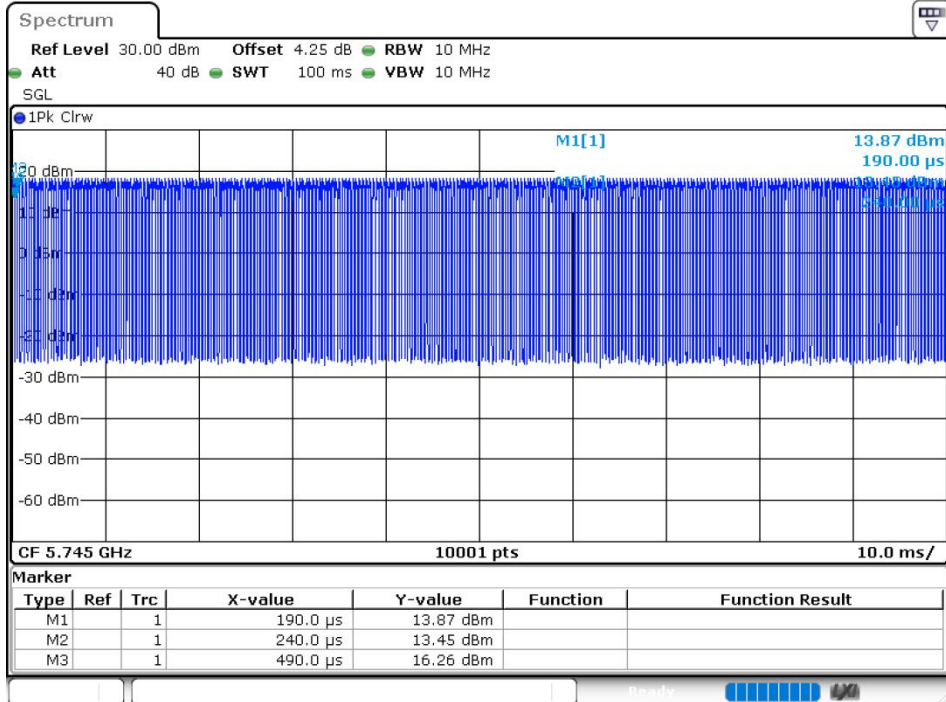
5.8G WIFI

Duty Cycle

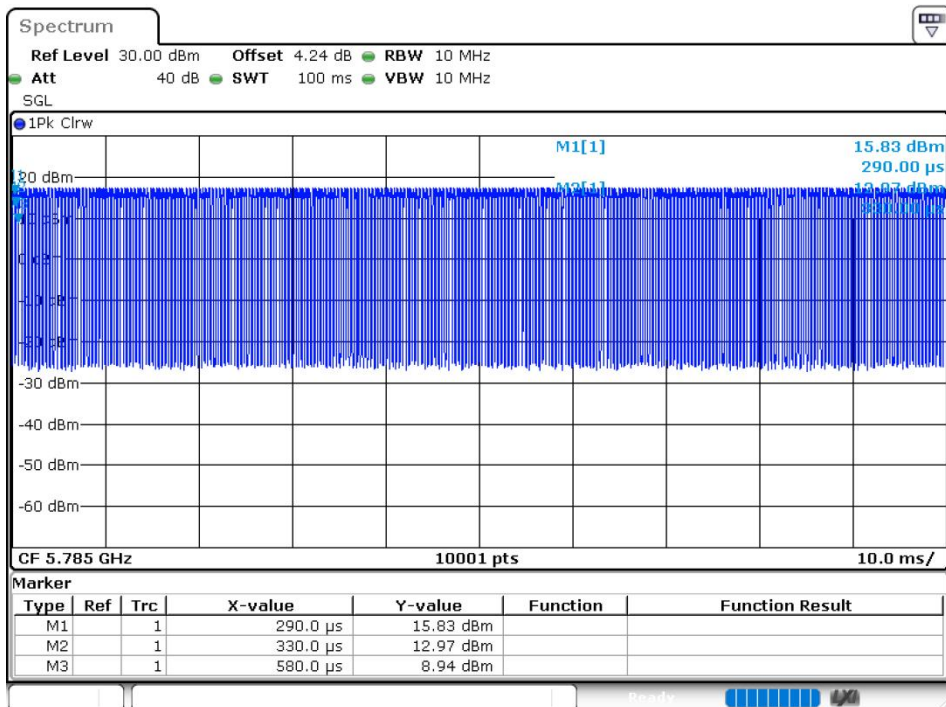
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	72.57	1.39	4
NVNT	a	5785	Ant1	72.29	1.41	4
NVNT	a	5825	Ant1	73.02	1.37	4
NVNT	n20	5745	Ant1	71.72	1.44	4.35
NVNT	n20	5785	Ant1	71.51	1.46	4.35
NVNT	n20	5825	Ant1	71.19	1.48	4.35
NVNT	n40	5755	Ant1	58.36	2.34	7.69
NVNT	n40	5795	Ant1	59.49	2.26	8.33
NVNT	ac20	5745	Ant1	68.27	1.66	5
NVNT	ac20	5785	Ant1	68.72	1.63	5
NVNT	ac20	5825	Ant1	68.16	1.66	5
NVNT	ac40	5755	Ant1	56.03	2.52	9.09
NVNT	ac40	5795	Ant1	56.24	2.5	9.09
NVNT	ac80	5775	Ant1	45.53	3.42	14.29

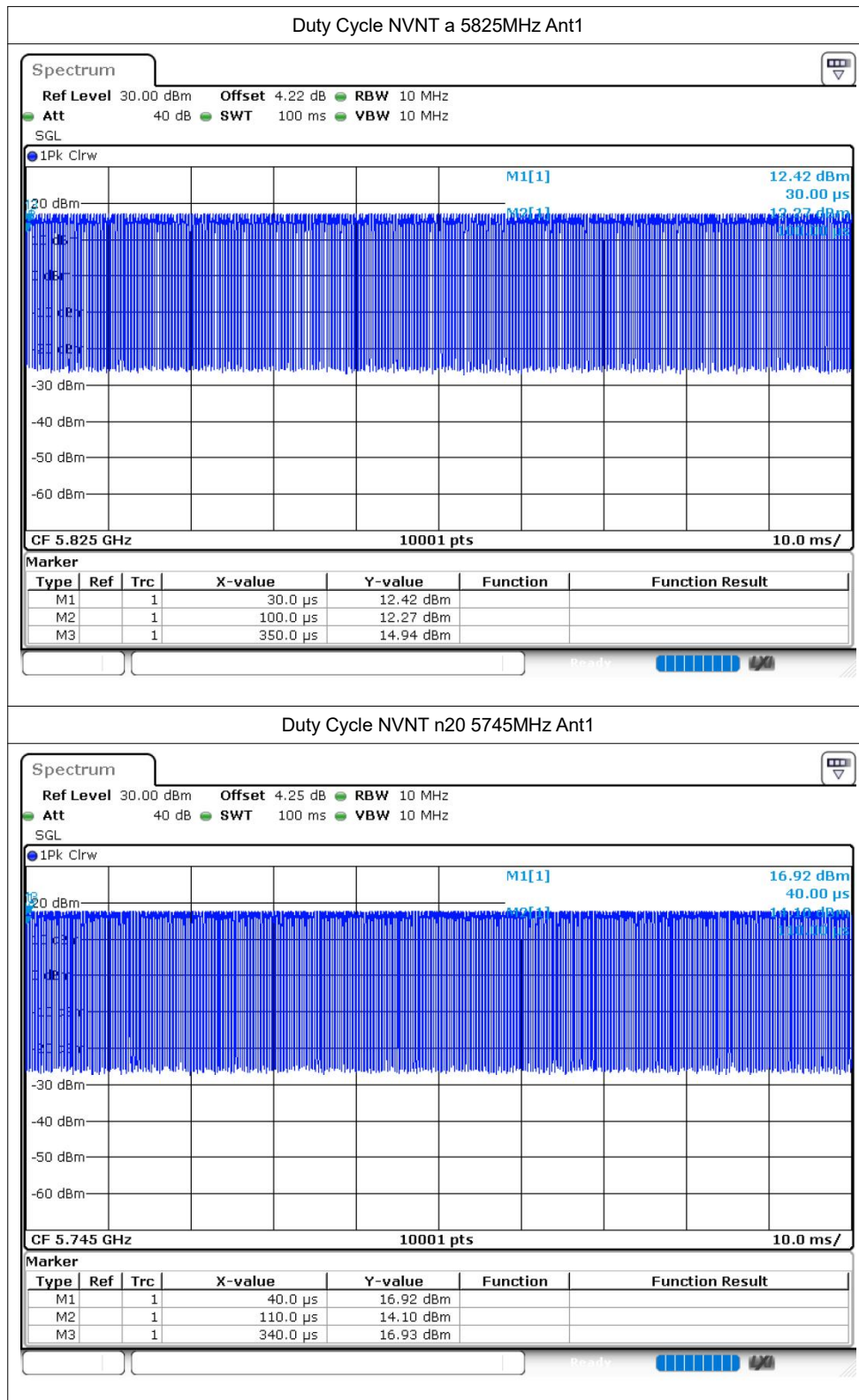
Test Graphs

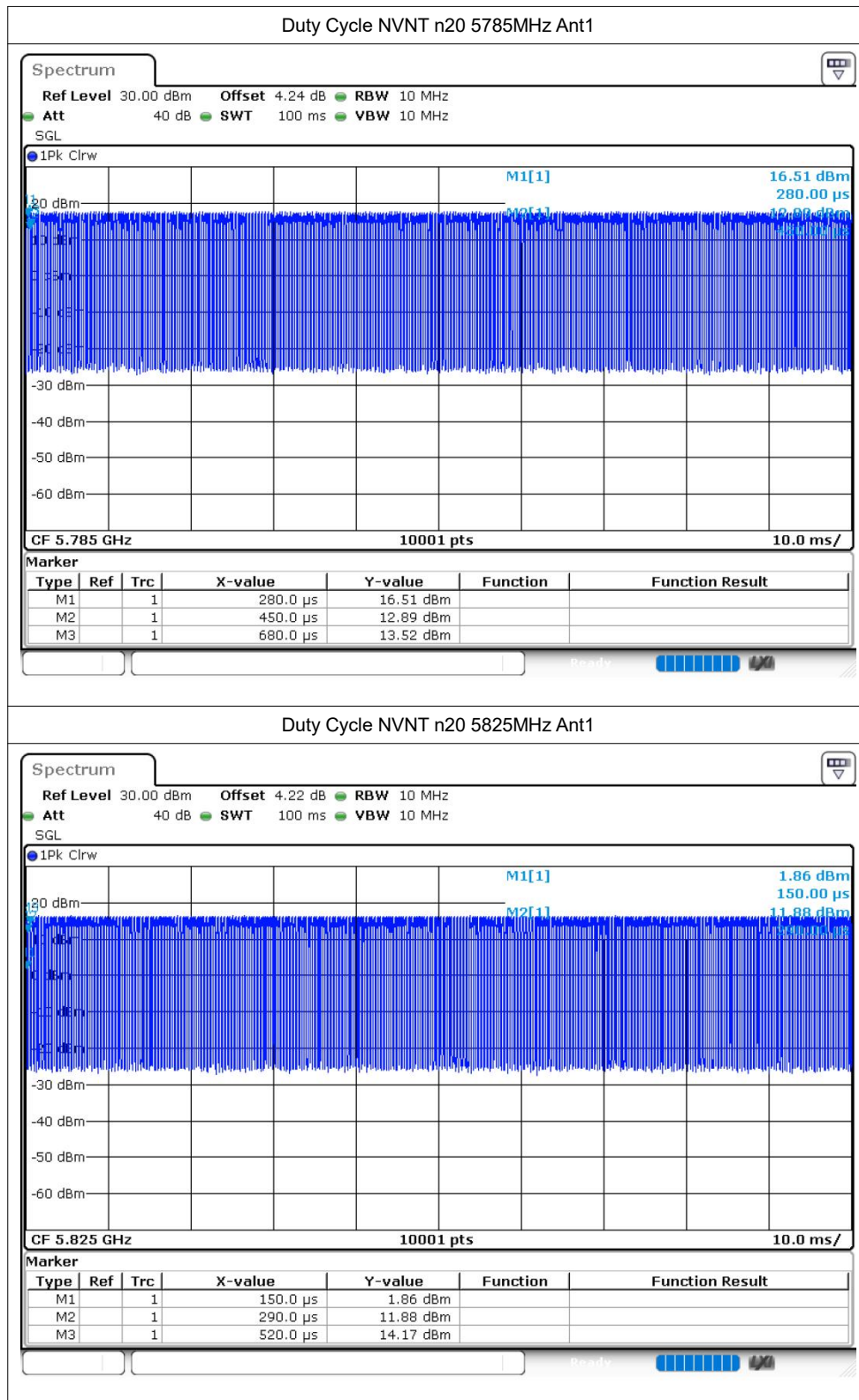
Duty Cycle NVNT a 5745MHz Ant1

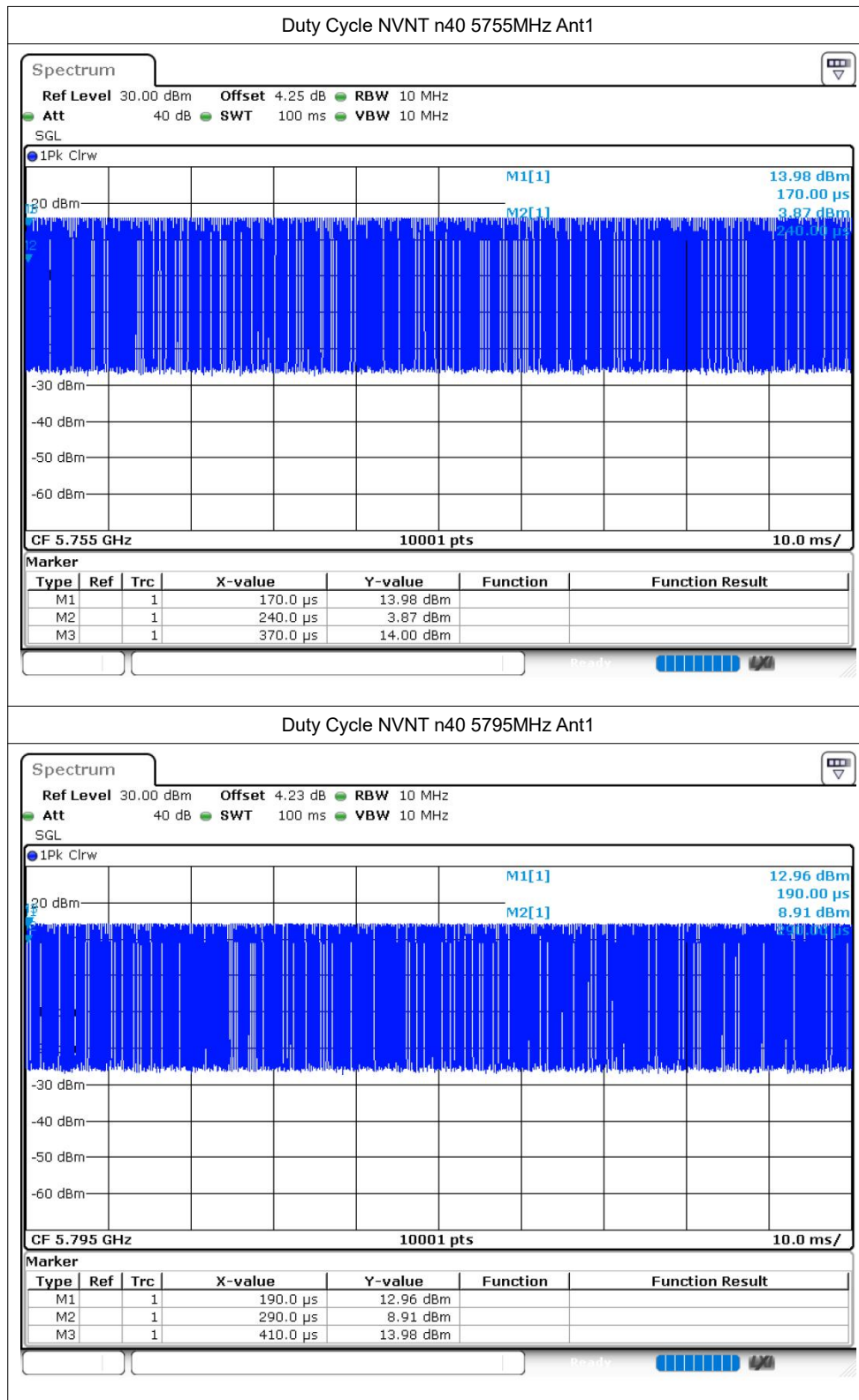


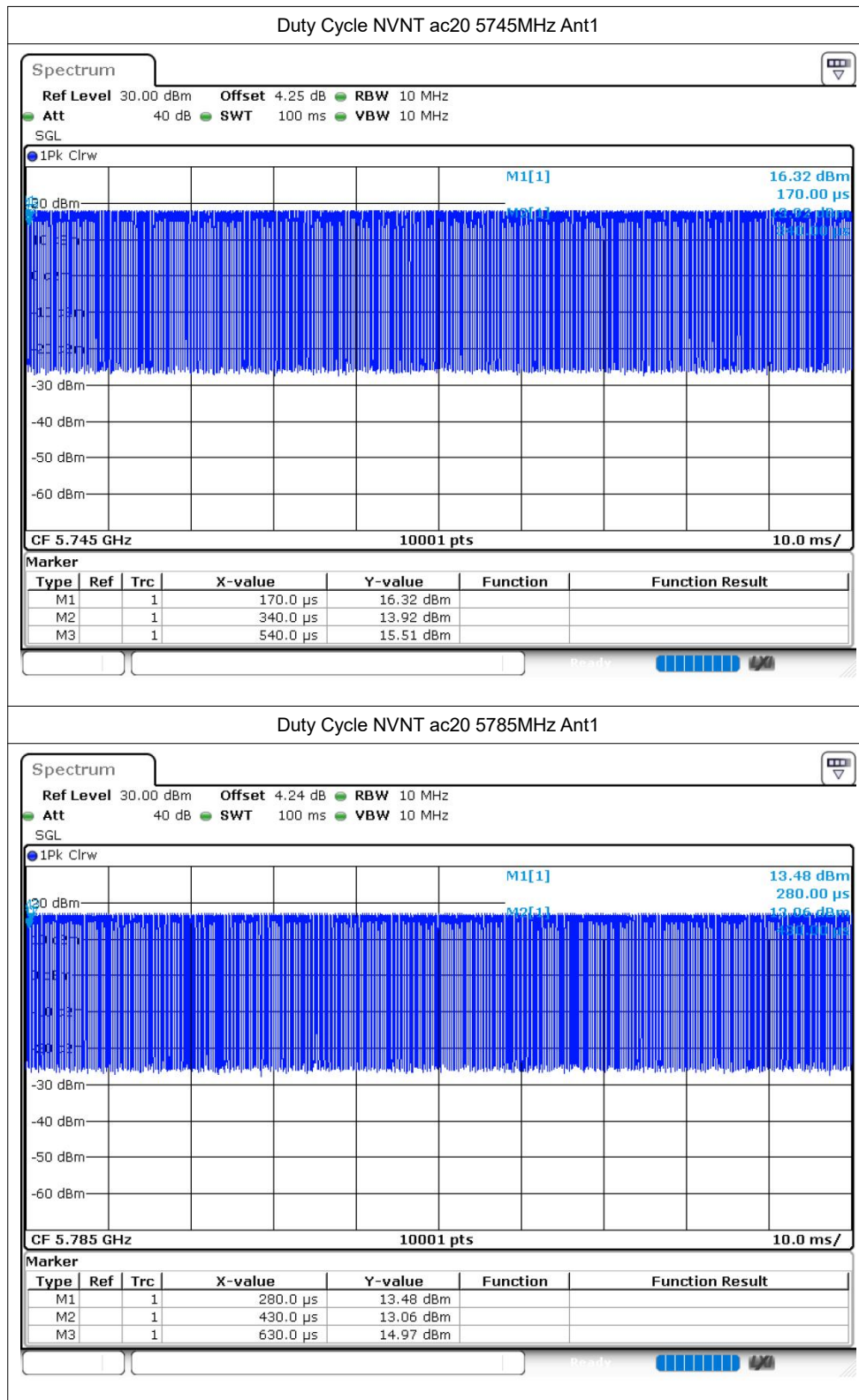
Duty Cycle NVNT a 5785MHz Ant1

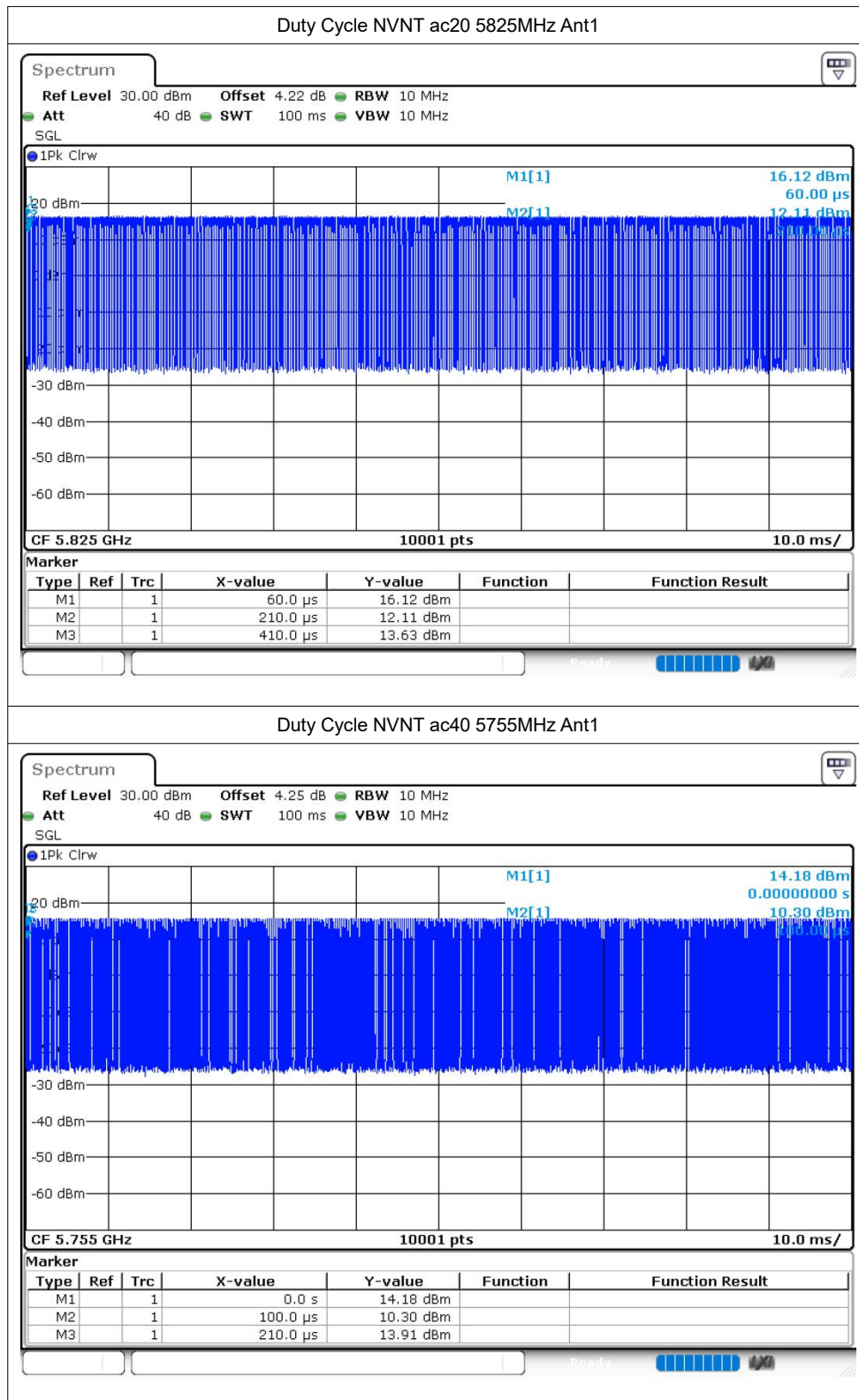


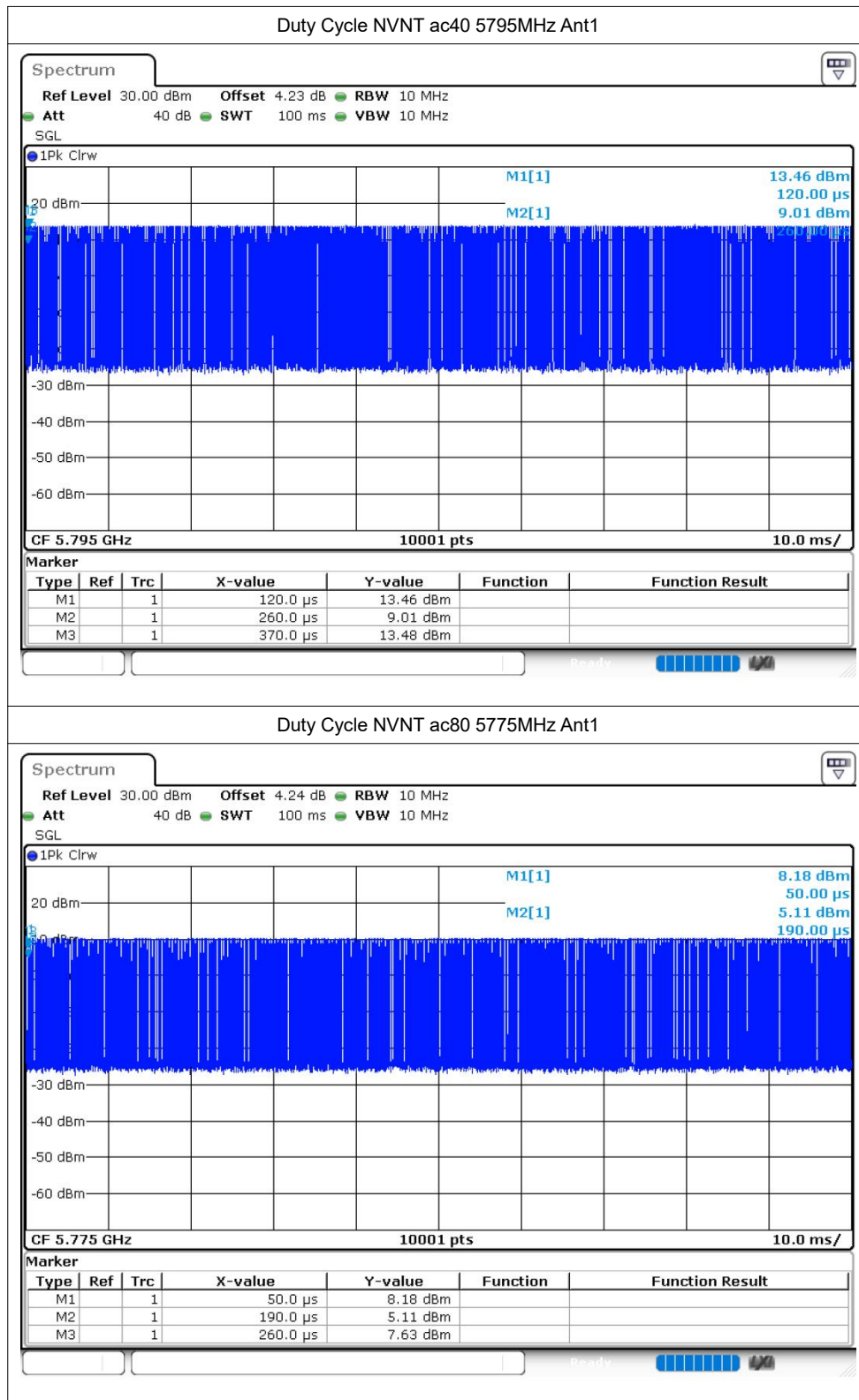












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	12.19	30	Pass
NVNT	a	5785	Ant1	11.84	30	Pass
NVNT	a	5825	Ant1	11.33	30	Pass
NVNT	n20	5745	Ant1	12.44	30	Pass
NVNT	n20	5785	Ant1	11.92	30	Pass
NVNT	n20	5825	Ant1	11.3	30	Pass
NVNT	n40	5755	Ant1	12.13	30	Pass
NVNT	n40	5795	Ant1	12.11	30	Pass
NVNT	ac20	5745	Ant1	12.07	30	Pass
NVNT	ac20	5785	Ant1	11.94	30	Pass
NVNT	ac20	5825	Ant1	11.53	30	Pass
NVNT	ac40	5755	Ant1	12.41	30	Pass
NVNT	ac40	5795	Ant1	12.04	30	Pass
NVNT	ac80	5775	Ant1	11.32	30	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.461	0.5	Pass
NVNT	a	5785	Ant1	16.014	0.5	Pass
NVNT	a	5825	Ant1	16.317	0.5	Pass
NVNT	n20	5745	Ant1	17.295	0.5	Pass
NVNT	n20	5785	Ant1	16.896	0.5	Pass
NVNT	n20	5825	Ant1	17.304	0.5	Pass
NVNT	n40	5755	Ant1	35.484	0.5	Pass
NVNT	n40	5795	Ant1	35.76	0.5	Pass
NVNT	ac20	5745	Ant1	16.98	0.5	Pass
NVNT	ac20	5785	Ant1	16.386	0.5	Pass
NVNT	ac20	5825	Ant1	17.118	0.5	Pass
NVNT	ac40	5755	Ant1	35.67	0.5	Pass
NVNT	ac40	5795	Ant1	35.148	0.5	Pass
NVNT	ac80	5775	Ant1	75.096	0.5	Pass

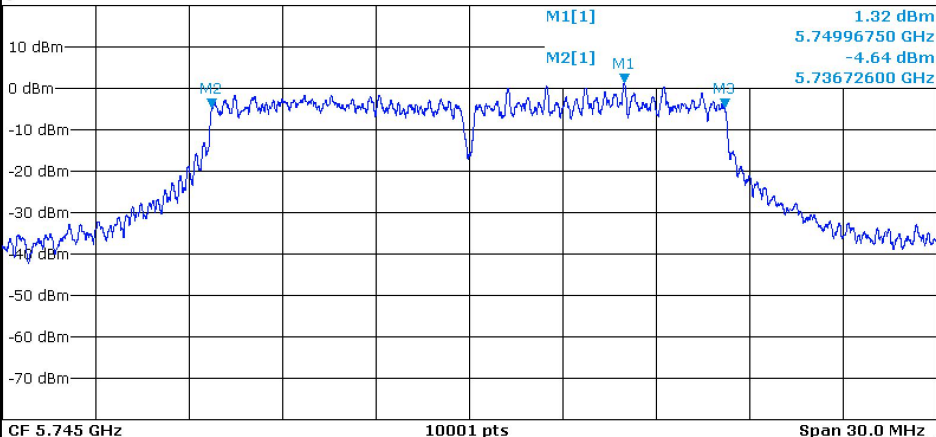
Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.25 dB RBW 100 kHz
Att 30 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

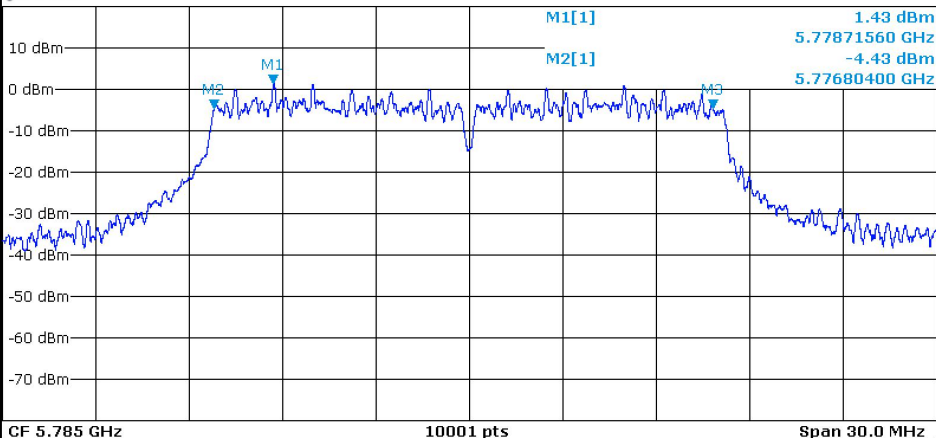
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.7499675 GHz	1.32 dBm		
M2	1		5.736726 GHz	-4.64 dBm		
M3	1		5.753187 GHz	-4.62 dBm		

-6dB Bandwidth NVNT a 5785MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.24 dB RBW 100 kHz
Att 30 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

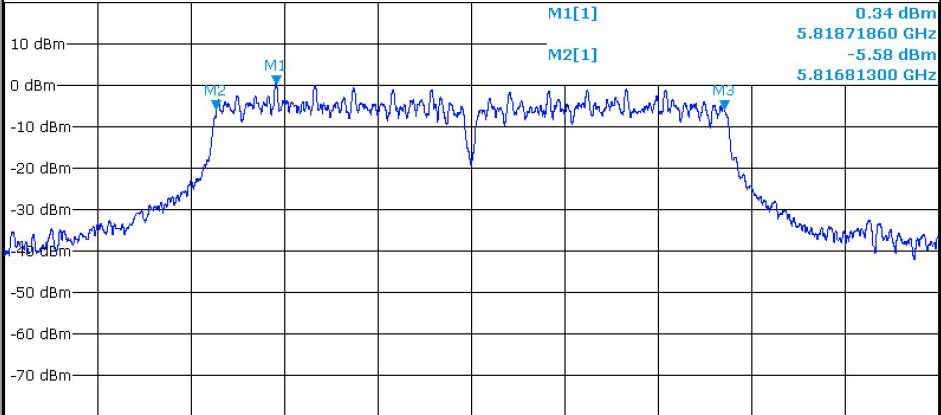
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.7787156 GHz	1.43 dBm		
M2	1		5.776804 GHz	-4.43 dBm		
M3	1		5.792818 GHz	-4.53 dBm		

-6dB Bandwidth NVNT a 5825MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.22 dB RBW 100 kHz
Att 30 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

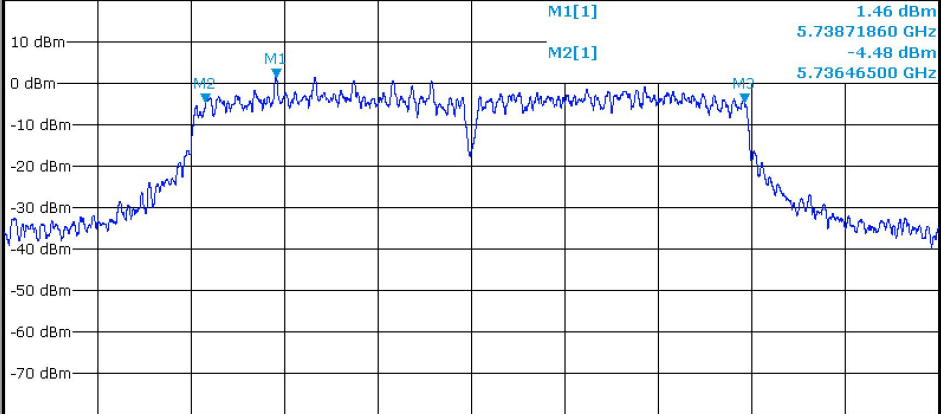
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.8187186 GHz	0.34 dBm		
M2	1	1	5.816813 GHz	-5.58 dBm		
M3	1	1	5.83313 GHz	-5.63 dBm		

-6dB Bandwidth NVNT n20 5745MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.25 dB RBW 100 kHz
Att 30 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.7387186 GHz	1.46 dBm		
M2	1	1	5.736465 GHz	-4.48 dBm		
M3	1	1	5.75376 GHz	-4.48 dBm		

