



35-3 Carlough RD Bohemia NY, 11716

Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 106881
Model No.: APTMP3-01001800-2820-D4

**IMPORTANT - MUST USE HEAT SINK IF CASE TEMPERATURE EXCEEDS 50°C**

Specifications at 23°C			
Frequency:	1- 18 GHz	Output Power @ 1dB Comp. Pt:	+ 20 dBm
Gain:	30 dB min.	Voltage/Current: DC Power	+15 VDC @500 mA, nom.
Gain Flatness:	± 2.5 dB max	Measured Current:	356 mA
VSWR Input:	2.3:1	Max. Noise Figure:	2.8 dB
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	D4 EM10390A

**Note: Test data taken with case temperature of +23 °C**

Frequency (GHz)	Gain (dB)	VSWR		Noise Figure (dB)	Output Power @ 1dB Comp. (+dBm)
		In	Out		
1.0	37.6	2.08	1.24	2.61	22
2	38.0	2.05	1.23	2.64	22
6	37.8	1.98	1.15	2.17	22
10	35.2	2.10	1.32	2.67	21
14	34.8	2.23	1.32	2.79	21
18	33.5	1.83	1.80	2.44	21

Data taken at 23°C unless otherwise stated.

**COMMENTS:** Do not apply DC Voltage to the INPUT. The maximum RF CW Input to the unit is +15 dBm. \*Indicates Design goal.

TESTER: \_\_\_\_\_

DATE: 09/15/2017