



35-3 Carlough Road, Bohemia NY 11716

Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 111664

Model No.: APTMP3-01001800-2520-D4

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

Specifications at 23°C			
Frequency:	1.0- 18.0 GHz	Output Power @ 1dB Comp. Pt:	+ 20 dBm
Gain:	30 dB min.	Voltage/Current: DC Power	+15 VDC @325 mA, nom.
Gain Flatness:	± 2.5 dB max	Measured Current:	326 mA
VSWR Input:	2.3:1	Max. Noise Figure:	2.5 dB
VSWR Output:	1.5:1 Z=50 Ohms	Outline: Model:	D4 EM 10449A

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	34.2	1.87	1.11	2.10	21.5
2.0	34.5	1.93	1.05	2.09	22.1
6.0	35.3	2.17	1.48	2.04	25.2
10.0	34.6	1.84	1.13	2.06	24.8
14.0	34.1	1.29	1.29	1.98	22.9
18.0	30.4	1.84	1.39	2.41	20.5

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. *Noise figure specified above 200 MHz.

TESTER: _____

DATE: 11/25/14

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