



1373 Lincoln Avenue, Holbrook NY

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Serial Number: 106304
Model No.: APT3-01001800-3010-D42

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

Specifications at 23°C			
Frequency:	1- 18 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	35 dB min.	Voltage/Current: DC Power	+15V VDC @150 mA, nom.
Gain Flatness:	± 2.5 dB max	Measured Current:	241 mA
VSWR Input:	2.0:1	Max. Noise Figure:	3.0 dB
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	D42 EM 10023I/EM 10184A

**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	39.5	1.66	1.25	2.96	11
2	40.4	1.63	1.25	2.92	11
6	41.2	1.74	1.14	2.67	12
10	40.1	1.86	1.60	2.55	14
14	40.0	1.15	1.96	2.29	15.5
18	37.3	1.64	1.38	2.47	15

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.

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

DATE: 10/08/2010

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