



1373 Lincoln Avenue, Holbrook NY 11741

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Serial Number: 105083
Model No.: APT5-00100600-1310-D6

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

Specifications at 23°C			
Frequency:	0.1- 6.0 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	42 dB min.	Voltage/Current: DC Power	15 VDC @125 mA, nom.
Gain Flatness:	± 1.0 dB max	Measured Current:	192 mA
VSWR Input:	2.0:1	Max. Noise Figure:	1.3* dB
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	D6 EM 10015A

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		
0.1	44.1	1.80	1.17	1.91	11.0
0.2	44.3	1.77	1.15	1.29	11.0
1.0	44.1	1.67	1.18	1.09	11.0
2.0	43.9	1.43	1.19	1.11	11.0
3.0	43.8	1.38	1.24	1.17	11.0
4.0	44.3	1.54	1.51	1.28	12.0
5.0	45.0	1.75	1.46	1.30	12.0
6.0	43.8	1.99	1.01	1.29	13.0

Data taken at 23°C unless otherwise stated.

**COMMENTS:** \*N.F. Specified above 200 MHz

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

**DATE:** 05/14/2004

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