



60 Davids Drive, Hauppauge NY11788 Tel: 631 435 0603 Fax: 631 435 0604

Serial Number: 100859
Model No.: APT3-02001800-7013-D4

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

Specifications at 23°C			
Frequency:	2- 18 GHz	Output Power @ 1dB Comp. Pt:	+ 13 dBm
Gain:	15 dB min.	Voltage/Current: DC Power	+15 VDC @175 mA, nom.
Gain Flatness:	± 2.5 dB max	Measured Current:	119 mA
VSWR Input:	2.5:1	Max. Noise Figure:	7.0 dB
VSWR Output:	2.5:1 50 Ohms Impedance	Outline:	D4
		Model:	EM 10077

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		
2	20.4	1.64	1.67	4.25	15.5
4	21.4	1.68	1.74	4.03	15.5
6	20.9	1.70	1.61	3.73	15.5
8	20.5	1.87	1.43	3.58	15.5
10	20.0	1.99	1.29	3.71	15
12	19.4	1.84	1.34	3.77	14.5
14	17.9	2.23	1.57	3.93	15
16	17.5	2.31	1.93	4.41	14
18	18.8	2.13	1.58	4.10	14

Data taken at 23°C unless otherwise stated.

COMMENTS:

TESTER: _____

DATE: 10/18/2005