



620 Johnson Avenue, Bohemia NY 11716

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Serial Number: 111575
Model No.: APT4-00100400-1610-D6

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

Specifications at 23°C			
Frequency:	0.1- 4.0 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	42 dB min.	Voltage/Current: DC Power	+15 VDC @200 mA, nom.
Gain Flatness:	± 1.0 dB max	Measured Current:	165 mA
VSWR Input:	2.0:1	Max. Noise Figure:	1.6 dB
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	D4 EM 10617A

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	43.3	1.33	1.21	1.04	12.5
0.5	43.6	1.29	1.21	1.09	12.1
2.0	44.4	1.22	1.25	1.04	12.8
4.0	44.0	1.37	1.28	0.87	13.4
5.0	43.4	1.15	1.51	0.96	13.5
6.0	44.7	1.43	1.92	1.17	13.6

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 is only guaranteed above 500 MHZ.

TESTER: _____

DATE: 11/10/16

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