



620 Johnson Avenue, Bohemia NY 11716

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Serial Number: 113749
Model No.: APT3-02001800-2320-D6

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

Specifications at 23°C			
Frequency:	2- 18 GHz	Output Power @ 1dB Comp. Pt:	+ 20 dBm
Gain:	40 dB min.	Voltage/Current: DC Power	+15 VDC @375 mA, nom.
Gain Flatness:	± 2.0 dB max	Measured Current:	395 mA
VSWR Input:	2.5:1	Max. Noise Figure:	2.3 dB*
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	D6 EM 10597A

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	44.7	2.33	1.10	2.12	24
4	46.0	1.99	1.53	2.11	24.5
6	46.0	2.40	1.17	2.19	25
10	44.4	1.92	1.23	1.92	23.5
14	44.0	1.82	1.20	1.99	22.5
18	43.0	1.65	1.21	2.00	21.5

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. *NOTE: NF data taken only with unit operating at 500MHz or more.

TESTER: _____

DATE: 2/28/17

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