



35-3 Carlough Road, Bohemia NY 11716

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Serial Number: 111572
Model No.: APT4-00102000-2710-D4

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

Specifications at 23°C			
Frequency:	0.1- 20.0 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	25 dB min.	Voltage/Current: DC Power	15 VDC @150 mA, nom.
Gain Flatness:	± 2.5 dB max	Measured Current:	154 mA
VSWR Input:	2.5:1	Max. Noise Figure:	2.7 dB
VSWR Output:	2.5:1 Z=50 Ohms	Outline: Model:	D4 EM 10583A

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	28.3	2.10	1.16	6.03*	10.1
0.5	29.9	1.99	1.13	2.45	10.2
2.0	30.1	2.03	1.13	2.18	10.2
6.0	30.7	1.89	1.42	2.19	11.7
10.0	30.6	2.03	1.19	2.38	13.6
14.0	30.5	1.65	1.43	2.22	14.1
18.0	31.6	1.77	1.66	2.39	14.1
20.0	30.1	1.62	1.78	2.59	14.0

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. N.F increases below 500MHZ

TESTER: _____

DATE: 12/23/2015

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