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Serial Number: 111567
Model No.: APT3-00102000-3010-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:	19 dB min.	Voltage/Current: DC Power	15 VDC @150 mA, nom.
Gain Flatness:	± 2.5 dB max	Measured Current:	107 mA
VSWR Input:	2.5:1	Max. Noise Figure:	3.0 dB
VSWR Output:	2.5:1 Z=50 Ohms	Outline: Model:	D4 EM 10417A

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	23.8	2.43	1.41	6.72*	10.1
0.5	25.5	2.30	1.38	2.48	10.2
2.0	24.5	2.28	1.36	2.17	10.1
6.0	25.4	1.91	1.51	2.20	11.7
10.0	24.0	2.25	1.43	2.44	13.2
14.0	23.7	1.70	1.40	2.25	13.5
18.0	24.3	1.79	1.27	2.27	13.0
20.0	22.1	1.55	1.16	2.41	13.7

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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