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

Specifications at 23°C			
Frequency:	0.1- 18.0 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	47 dB min.	Voltage/Current: DC Power	15 VDC @500 mA, nom.
Gain Flatness:	± 2.0 dB max	Measured Current:	295 mA
VSWR Input:	2.5:1	Max. Noise Figure:	2.4* dB
VSWR Output:	2.5:1 Z=50 Ohms	Outline: Model:	D44 EM10023J/10023I

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	52.2	2.06	1.24	4.38	11
2	52.9	2.08	1.45	2.39	11
6	54.5	1.80	1.64	2.22	13
10	51.5	2.20	1.16	2.14	13
14	53.5	1.75	1.18	2.36	15
18	50.5	1.53	1.40	2.37	15

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:

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