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

Specifications at 23°C			
Frequency:	1- 20 GHz	Saturated Output Power @ Pin=-30 to +0 dBm:	+ 11 to +16 dBm
Gain:	N/A dB min.	Voltage/Current: DC Power	+15 VDC @200 mA, nom.
Gain Flatness:	± N/A dB max	Measured Current:	218 mA
VSWR Input:	2.5:1	Max. Noise Figure:	N/A dB
VSWR Output:	2.5:1 Z=50 Ohms	Outline: Model:	D42 EM 100192A/10189A

Note: Test data taken with case temperature of +23 °C

Frequency (GHz)	Gain (dB)	VSWR		Noise Figure (dB)	Psat @ Pin= -30 to 0 dBm -30/-20/0 (dBm)
		In	Out		
1	47.0	1.81	1.19	2.09	12.5/12.3/12.7
4	46.9	1.86	1.19	1.98	12.4/12.6/13
8	45.2	2.42	1.49	2.02	12.5/13/13
12	46.8	2.00	1.84	2.02	14/14/14
16	46.9	1.09	1.87	1.94	14.8/14.7/14.4
20	42.9	1.98	1.24	2.25	12.5/16.9/17

Data taken at 23°C unless otherwise stated.

COMMENTS:

TESTER: _____

DATE: 8/26/2013

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