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

| Specifications at 23°C | | | |
|------------------------|--------------------|---------------------------------|--------------------------|
| Frequency: | 0.1- 2.0 GHz | Output Power @ 1dB Comp. Pt: | + 27 dBm |
| Gain: | 44 dB min. | Voltage/Current: DC Power | +15 VDC @800 mA, nom. |
| Gain Flatness: | ± 1.0 dB max | Measured Current: | 323 mA |
| VSWR Input: | 2.0:1 | Max. Noise Figure: | 2.5 dB |
| VSWR Output: | 2.5:1 Z=50 Ohms | Outline: Model: | D6 EM 10111A |

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 | 45.7 | 1.89 | 1.95 | 2.10 | 27 |
| 0.5 | 47 | 1.87 | 1.23 | 1.76 | 28 |
| 1 | 46 | 1.85 | 1.25 | 1.45 | 29 |
| 1.5 | 45.4 | 1.75 | 1.19 | 1.49 | 28 |
| 2 | 45.8 | 1.71 | 1.14 | 1.68 | 28 |
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Data taken at 23°C unless otherwise stated.

COMMENTS:

TESTER: _____

DATE: 7/9/2013

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