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|                                     |
|-------------------------------------|
| Serial Number: 108779               |
| Model No.: APT5-01690171-05610-D6-T |

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

| Specifications at 23°C |                    |                              |                       |
|------------------------|--------------------|------------------------------|-----------------------|
| Frequency:             | 1.69- 1.71 GHz     | Output Power @ 1dB Comp. Pt: | + 10 dBm              |
| Gain:                  | 50 dB min.         | Voltage/Current: DC Power    | +15 VDC @250 mA, nom. |
| Gain Flatness:         | ± 1.0 dB max       | Measured Current:            | 147 mA                |
| VSWR Input:            | 1.3:1              | Max. Noise Figure:           | 0.56 dB               |
| VSWR Output:           | 1.3:1<br>Z=50 Ohms | Outline:<br>Model:           | D6<br>EM 10035D       |

**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  |                   |                                 |
| 1.69            | 57.8      | 1.29 | 1.05 | 0.36              | 12.5                            |
| 1.70            | 57.8      | 1.18 | 1.05 | 0.34              | 12.5                            |
| 1.71            | 58.0      | 1.18 | 1.05 | 0.40              | 12.5                            |
|                 |           |      |      |                   |                                 |
|                 |           |      |      |                   |                                 |
|                 |           |      |      |                   |                                 |
|                 |           |      |      |                   |                                 |
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|                 |           |      |      |                   |                                 |
|                 |           |      |      |                   |                                 |
|                 |           |      |      |                   |                                 |

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.

TESTER: \_\_\_\_\_

DATE: 8/16/13

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