



60 Davids Drive, Hauppauge NY11788

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<b>Serial Number: 100486</b>
<b>Model No.: APTW6-1504-100K10-WR62</b>

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

<b>Specifications at 23°C</b>			
<b>Frequency:</b>	<b>14.923- 15.173 GHz</b>	<b>Output Power @ 1dB Comp. Pt:</b>	<b>+ 13 dBm</b>
<b>Gain:</b>	<b>36 dB min.</b>	<b>Voltage/Current: DC Power</b>	<b>+15 VDC @250 mA, nom.</b>
<b>Gain Flatness:</b>	<b>± 0.5 dB max</b>	<b>Measured Current:</b>	<b>180 mA</b>
<b>VSWR Input:</b>	<b>1.40:1</b>	<b>Max. Noise Figure:</b>	<b>100 °K</b>
<b>VSWR Output:</b>	<b>1.40:1 50 Ohms Impedance</b>	<b>Outline:</b>	<b>APTWR62-D4</b>
		<b>Model:</b>	<b>EM 10034[WGSN103]</b>

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

<b>Frequency (GHz)</b>	<b>Gain (dB)</b>	<b>VSWR</b>		<b>Noise Figure (°K)</b>	<b>Output Power @ 1dB Comp. (+dBm)</b>
		<b>In</b>	<b>Out</b>		
14.9	41.8	1.19	1.18	90	14
15.0	41.5	1.08	1.28	95	14
15.2	41.8	1.20	1.18	98	14

Data taken at 23°C unless otherwise stated.

**COMMENTS:**

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

**DATE:** 4/08/2005