



<b>Serial Number: 100053</b>
<b>Model Number: APT3-01000200-0510-D4</b>

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

<b>Specifications at 25°C</b>			
<b>Frequency:</b>	<b>1-2 GHz</b>	<b>Output Power @ 1dB Comp. PT:</b>	<b>+10 dBm min.</b>
<b>Gain:</b>	<b>38 dB min.</b>	<b>Voltage/Current: DC Power (NOM.)</b>	<b>+15 VDC@150 mA</b>
<b>Gain Flatness:</b>	<b>± 1.0 dB max</b>	<b>Measured Current:</b>	<b>143 mA</b>
<b>VSWR Input:</b>	<b>2.0:1</b>	<b>Max. Noise Figure:</b>	<b>0.5 dB</b>
<b>VSWR Output:</b>	<b>2.0:1 50 Ohms</b>	<b>Housing No.:</b>	<b>H1002</b>

Note: Test data taken with case temperature of 25°C

<b>Frequency (GHz)</b>	<b>Gain (dB)</b>	<b>VSWR</b>		<b>Noise Figure (dB)</b>	<b>Output Power @ 1dB Comp. (dBm)</b>
		<b>In</b>	<b>Out</b>		
1.0	42.8	1.69	1.19		
1.2	42.8	1.36	1.09		
1.4	42.4	1.47	1.09		
1.6	42.0	1.64	1.10		
1.8	42.1	1.73	1.09		
2.0	42.4	1.74	1.11		

Comments: Data taken at 25°C unless noted otherwise.

Tester's Signature \_\_\_\_\_

Date: \_\_\_\_\_