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<TITLE>NAME OF TEST</TITLE>
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<U><P>NAME OF TEST</U>&#9;&#9;&#9;Maximum Peak Output Power</P>

<U><P>PARAGRAPH</U>&#9;&#9;&#9;15.247 (b) </P>

<U><P>SPECIFICATION LIMIT</U>&#9;&#9;<U>&lt;</U> 1 Watt (Peak)</P>

<U><P ALIGN="CENTER">Data</P>
<P ALIGN="CENTER"></P>
<P>Antenna Net Gain dBi</P></U>
<TABLE CELLSPACING=0 BORDER=0 CELLPADDING=7 WIDTH=594>
<TR><TD WIDTH="59%" VALIGN="TOP">
<P>Flat Panel Array (Conifer QD-2400)</TD>
<TD WIDTH="7%" VALIGN="TOP">
<P ALIGN="CENTER">=</TD>
<TD WIDTH="34%" VALIGN="TOP">
<P ALIGN="CENTER">15.2 (ANT-PNL-16)</TD>
</TR>
</TABLE>

<U><P ALIGN="CENTER"></P>

<UL>
</U><LI>If a non-Solectek antenna is attached typically a DC open or short, then
the ODU will not transmit. This antenna sensing circuitry satisfies the intent
of the FCC requirement for a unique connector described in 15.203.</LI></UL>

<B><P>15.247 (b) &#9;Maximum Calculated Peak Output Power</P>

<OL>

</B><LI>Calculated Peak output of the ANT-PNL-16 = 29.7dBm</LI></OL>

<U><P>Results</P>
</U>
<TABLE CELLSPACING=0 BORDER=0 CELLPADDING=7 WIDTH=662>
<TR><TD WIDTH="26%" VALIGN="TOP">&nbsp;</TD>
<TD WIDTH="12%" VALIGN="TOP">
<U><P>Power</U></TD>
<TD WIDTH="16%" VALIGN="TOP">
<U><P>Antenna Gain</U></TD>
<TD WIDTH="45%" VALIGN="TOP">
<U><P>EIRP</U></TD>
</TR>
<TR><TD WIDTH="26%" VALIGN="TOP">
<P>1. EUT (Peak Power) =</TD>
<TD WIDTH="12%" VALIGN="TOP">
<P>14.5dBm</TD>

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<TD WIDTH="16%" VALIGN="TOP">
<P>+15.2dBi</TD>
<TD WIDTH="45%" VALIGN="TOP">
<P>= 29.7dBm*</TD>
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<U>

<UL>
</U><LI>Highest Emission Used</LI></UL>

<B>
<P>PEAK POWER INTERCONNECTION CABLE</P>
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<B><P ALIGN="CENTER">&nbsp;</P>
<P ALIGN="CENTER">CONNECTION</P>
<P ALIGN="CENTER"></B></TD>
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<B><P ALIGN="CENTER">&nbsp;</P>
<P ALIGN="CENTER">I/O CABLE</B></TD>
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<TR><TD WIDTH="49%" VALIGN="TOP">
<P>EUT AB400</TD>
<TD WIDTH="51%" VALIGN="TOP">
<P>Coaxial TNC LMR 400 (100 feet)</TD>
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