<table>
<thead>
<tr>
<th>Scoring Criteria</th>
<th>1 Attempted Demonstration</th>
<th>2 Partial Demonstration</th>
<th>3 Proficient Demonstration</th>
<th>4 Distinguished Demonstration</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Content Knowledge</strong></td>
<td>Students' understanding of the different portions of the electromagnetic spectrum.</td>
<td>Student attempts to describe at least 2 components of EMR from the images. May contain errors.</td>
<td>Student partially describes at least 3 components of EMR from the images. May contain minor errors.</td>
<td>Student clearly and accurately describes the 4 components of EMR from the images.</td>
</tr>
<tr>
<td><strong>Data Interpretation</strong></td>
<td>Students' ability to analyze and interpret EMR data.</td>
<td>Student attempts to interpret and/or synthesizes data gathered for the task but interpretation is incomplete, or contains major flaws and may omit a conclusion.</td>
<td>Student partially interprets and synthesizes data gathered for the task and makes a conclusion. There may be minor errors.</td>
<td>Student accurately interprets and synthesizes data gathered for the task showing insight or sophistication in the interpretation and conclusion drawn.</td>
</tr>
<tr>
<td><strong>Communication</strong></td>
<td>Students' ability to use visuals, such as charts and maps, to communicate information.</td>
<td>Student attempts to use one or more visuals but they are ineffective or flawed in communicating information.</td>
<td>Student makes use of one visual to effectively communicate information.</td>
<td>Student makes detailed use of two or more visuals to effectively communicate information.</td>
</tr>
<tr>
<td><strong>Communication</strong></td>
<td>Students' ability to present their findings clearly and effectively.</td>
<td>Student attempts to communicate conclusion although it may not be comprehensible or appropriate to the targeted audience.</td>
<td>Student partially communicates conclusion effectively although some parts may not be comprehensible or appropriate to the targeted audience.</td>
<td>Student communicates conclusion precisely, clearly, and effectively to the targeted audience.</td>
</tr>
</tbody>
</table>