UN 38.3 Test Summary Report
Lithium Cell or Battery Test Summary in Accordance with Section 2.9.4 UN Model Regulations and Sub-section 38.3 of the UN Manual of Tests and Criteria, Part III, subsection 38.3.5

- Tested Type Part #: TLM-1550UHP
- Same Type Part #: TLM-1550UHP/xx
- Same Type Part Numbers # (all): covers all the TLM-1550UHP/xx, TLM-1550UHP/1A/xxx part numbers with various contact terminations / harness.

- Manufacturer: Tadiran Batteries Ltd.
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  sales@tadiran-batt.com
  www.tadiran.com

- Unique report ID: 15Q-898
- Report date: April 2012

- Test Laboratory: Tadiran Batteries Ltd.
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- Test record reference:
  38.3.4.1 T.1: Altitude simulation
  Pass
  15Q-898

- List of Tests Conducted

<table>
<thead>
<tr>
<th>Test Reference</th>
<th>Result (Pass / Fail / N.A.)</th>
<th>Test record reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>38.3.4.1 T.1: Altitude simulation</td>
<td>Pass</td>
<td>15Q-898</td>
</tr>
<tr>
<td>38.3.4.2 T.2: Thermal test</td>
<td>Pass</td>
<td>15Q-898</td>
</tr>
<tr>
<td>38.3.4.3 T.3: Vibration</td>
<td>Pass</td>
<td>15Q-898</td>
</tr>
<tr>
<td>38.3.4.4 T.4: Shock</td>
<td>Pass</td>
<td>15Q-898</td>
</tr>
<tr>
<td>38.3.4.5 T.5: External short circuit</td>
<td>Pass</td>
<td>15Q-898</td>
</tr>
<tr>
<td>38.3.4.6 T.6: Impact/Crush (cell only test)</td>
<td>Pass</td>
<td>15Q-898, 971</td>
</tr>
<tr>
<td>38.3.4.7 T.7: Overcharge (N.A for Li-metal only)</td>
<td>N.A.</td>
<td>N.A.</td>
</tr>
<tr>
<td>38.3.4.8 T.8: Forced discharge (cell only test)</td>
<td>Pass</td>
<td>15Q-898</td>
</tr>
</tbody>
</table>

- Battery assembly: Not Applicable.
- Description: TLM-1550UHP is a primary lithium metal battery with OCV of up to 4.1V consists of a single cell. The TLM-1550UHP may come with an additional optional letter and suffixes consist of a “/” followed by one or two letters and digits which indicate different finishing such as /T, /TP, /PT2, etc or types of finishing to the battery, e.g. harness. Tadiran manufactures all cells/batteries under a quality management system as required under this regulation.

- Mass: 20 g
- Watt hour rating or Lithium content: 0.2 g

- Cell: Yes
- Battery: Yes
- Product: No
- Model number/Part number: TLM-1550UHP

- Signatory A. Date: 2019.01.01
  Name: Aya Daniel
  Title: Quality Manager
  Signature.

- Signatory B. Date: 2019.01.31
  Name: Kobi Pinsky
  Title: VP Marketing and Sales
  Signature.

Important! The above signatory / signatories affirm that this document is a true and correct summary of the original individual tests and test data. The original test data is confidential information available to competent State Authorities with valid identification and only upon their formal request. Disclosure of the original test data to any other entity upon its request will be considered by Tadiran and, should Tadiran consider this request is with merit, may be subject to the prior execution of a nondisclosure agreement.