**UN 38.3 Test Summary Report**

**[a]** ☑ Cell ☑ Battery ☑ Product
☒ Tested Type Part #: TLP-93311/B
☐ Same Type Part #:

*[b] Manufacturer*
Tadiran Batteries Ltd.
44 Yitzhak Rabin Blvd,
Kiryat Ekron,
Israel 7695001
T. +972 8 9 44 503
sales@tadiran-batt.com
www.tadiran.com

☒ Same Type Part Numbers # (all): covers all the TLP-93311/B/xxxx part numbers with harness/cables.

**[d]** Unique report ID: 15Q-678

**[e]** Report date: March 2005

**[c]** Test Laboratory
Tadiran Batteries Ltd.
44 Yitzhak Rabin Blvd,
Kiryat Ekron,
Israel 7695001
T. +972 8 9 44 560
aya-d@tadiran-batt.com
www.tadiran.com

<table>
<thead>
<tr>
<th>[g] List of Tests Conducted</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-678</td>
</tr>
<tr>
<td>38.3.4.2 T.2: Thermal test</td>
<td>Pass</td>
<td>15Q-678</td>
</tr>
<tr>
<td>38.3.4.3 T.3: Vibration</td>
<td>Pass</td>
<td>15Q-678</td>
</tr>
<tr>
<td>38.3.4.4 T.4: Shock</td>
<td>Pass</td>
<td>15Q-678</td>
</tr>
<tr>
<td>38.3.4.5 T.5: External short circuit</td>
<td>Pass</td>
<td>15Q-678</td>
</tr>
<tr>
<td>38.3.4.6 T.6: Impact/Crush (cell only test)</td>
<td>Pass</td>
<td>15Q-610, 15Q-615</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-678</td>
</tr>
</tbody>
</table>

**[h]** Battery assembly: ☑ Not Applicable. ☑ UN38.3.3 (f) ☑ UN38.3.3 (g)


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**[j]** Signatory A. Date: 2019.06.17
Name: Aya Daniel
Title: Quality Manager
Signature.

**[j]** Signatory B. Date: 2019.06.17
Name: Kobi Pinsky
Title: VP Marketing and Sales
Signature.

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**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.

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www.tadiran.com