### UN 38.3 Test Summary Report

**[a]** ☐ Cell  ☒ Battery  ☐ Product  
☒ Tested Type Part #: TLP-97311/A  
☐ 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

**[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

☒ Same Type Part Numbers # (all): covers all the TLP-97311/A/xxxx part numbers with harness/cables.

**[d]** Unique report ID: 15Q-818

**[e]** Report date: February 2008

**[f]** (i) ☐ Li-ion  ☒ Li-metal.

(iv) **Description:** Primary (non-rechargeable) 3.7 V Lithium Thionyl Chloride (Li-SOCl2) hybrid battery, assembled from a group of 1 (one) “2/3AA” size cell and 1 (one) HLC-1520 cell in parallel connection. The battery is designed to preclude violent rupture under normal conditions incident to transport. The TLP-97311/A battery may come with optional suffixes consisting of a “/” followed by one or more letters and a digit. These suffixes indicate different types of finishing to the battery, e.g. harness.

(ii) Mass: 35 g  
(iii) ☐ Watt hour rating or ☒ Lithium content: 0.21 Wh and 0.5 g  
(v) ☐ Cell  ☒ Battery  ☐ Product. Model number/Part number: TLP-97311/A

**[g]** List of Tests Conducted  
<table>
<thead>
<tr>
<th>Test Record Reference</th>
<th>Result (Pass / Fail / N.A.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>38.3.4.1 T.1: Altitude simulation</td>
<td>Pass 15Q-818</td>
</tr>
<tr>
<td>38.3.4.2 T.2: Thermal test</td>
<td>Pass 15Q-818</td>
</tr>
<tr>
<td>38.3.4.3 T.3: Vibration</td>
<td>Pass 15Q-818</td>
</tr>
<tr>
<td>38.3.4.4 T.4: Shock</td>
<td>Pass 15Q-818</td>
</tr>
<tr>
<td>38.3.4.5 T.5: External short circuit</td>
<td>Pass 15Q-818</td>
</tr>
<tr>
<td>38.3.4.6 T.6: Impact/Crush (cell only test)</td>
<td>Pass 15Q-604, 15Q-958</td>
</tr>
<tr>
<td>38.3.4.7 T.7: Overcharge (N.A for Li-metal only)</td>
<td>N.A. N/A</td>
</tr>
<tr>
<td>38.3.4.8 T.8: Forced discharge (cell only test)</td>
<td>Pass 15Q-604, 15Q-649</td>
</tr>
</tbody>
</table>

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


[j] Signatory A. Date: 2019.01.01  
Name: Aya Daniel  
Title: Quality Manager  
Signature. 

[j] Signatory B. Date: 2019.01.11  
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.