# 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

[a] ☐ Cell ☒ Battery ☐ Product
☐ **Tested Type Part #:** S1P4/SL-760 + S1P1/SL-760
☐ **Same Type Part #:**

[b] **Manufacturer**
Tadiran Batteries GmbH
Industriestrasse 22
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Germany
T. +49 6042 954 0
info@tadiranbatteries.de
www.tadiranbatteries.de

[d] Unique report ID: QC-880

[e] Report date: 2011.05.01

[c] **Test Laboratory**
Tadiran Batteries Ltd.
P.O. Box 1
Kiryat Ekron
Israel 70500
T. +972 8 9 44 560
sales@tadiran-batt.com
www.tadiran.com

☒ **Same Type Part Numbers # (all):** All configurations with harness and cable of this battery with part number: 14 5 0760x xx

[f] (i) ☐ Li-ion ☒ Li-metal.

(iv) **Description:** Primary (non-rechargeable) 3.7 V Lithium Thionyl Chloride (Li-SOCl2) battery, assembled from 4 + 1 (four + one) "AA" sized SL-760 cells. The S1P4/SL-760 + S1P1/SL-760 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.
Tadiran manufactures all cells/batteries under a quality management system as required under this regulation.

(ii) Mass: 100 g
(iii) ☐ Watt hour rating or ☒ Lithium content: 3.25 g
(v) ☐ Cell ☒ Battery ☐ Product. Model number/Part number: S1P4/SL-760 + S1P1/SL-760

| [g] List of Tests Conducted | Result (Pass / Fail / N.A.) | Test record reference |
|---|---|---|
| 38.3.4.1 T.1: Altitude simulation | Pass | Summery page 2 |
| 38.3.4.2 T.2: Thermal test | Pass | Summery page 2 |
| 38.3.4.3 T.3: Vibration | Pass | Summery page 2 |
| 38.3.4.4 T.4: Shock | Pass | Summery page 2 |
| 38.3.4.5 T.5: External short circuit | Pass | Summery page 2 |
| 38.3.4.6 T.6: Impact/Crush (cell only test) | Pass | Summery page 2 |
| 38.3.4.7 T.7: Overcharge (N.A for Li-metal only) | N.A. | N.A. |
| 38.3.4.8 T.8: Forced discharge (cell only test) | Pass | Summery page 2 |

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

[i] Test Reference: UN Manual of Tests and Criteria, Part III, sub-section 38.3. *Fifth revised edition*

[j] Signatory A. Date: 2018.02.12
Name: Marc Henn
Title: Application Engineering Manager
Signature.

[j] Signatory B. Date: 2018.02.12
Name: Olaf G. Lichtlein
Title: General Manager
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.*