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 #:** SL-750
☐ **Same Type Part #:**

[b] **Manufacturer**
Tadiran Batteries GmbH
Industriestrasse 22
63654 Buedingen
Germany
T. +49 6042 954 0
info@tadiranbatteries.de
www.tadiranbatteries.de

[d] Unique report ID: 15Q-601

[e] Report date: 2003.04.01

[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):** Standard: 11 1 07501 00, Tags: 11 1 07502 00, Pins: 11 1 07503 00, Pins radial: 11 1 07506 00, Polarised tags: 11 1 07508 00, all other configurations with harness and cable of this cell with part number: 11 1 0750x xx or 14 1 0750x xx.

[f] (i) ☐ Li-ion ☒ Li-metal.

(iv) **Description:** Primary (non-rechargeable) 3.7 V Lithium Thionyl Chloride (Li-SOCl2) battery, assembled from 1 (one) "1/2 AA" sized SL-750 cell. The SL-750 cell 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 cell (for example, S-Standard, T-Tab, P-Pin, etc.).
Tadiran manufactures all cells/batteries under a quality management system as required under this regulation.

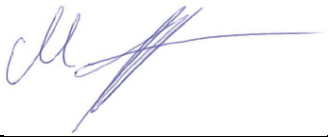
(ii) Mass: 9.6 g
(iii) ☐ Watt hour rating or ☒ Lithium content: 0.35 g
(v) ☒ Cell ☐ Battery ☐ Product. Model number/Part number: SL-750

[g] **List of Tests Conducted**	**Result (Pass / Fail / N.A.)**	**Test record reference**
38.3.4.1 T.1: Altitude simulation	Pass	Page 5
38.3.4.2 T.2: Thermal test	Pass	Page 6
38.3.4.3 T.3: Vibration	Pass	Page 7
38.3.4.4 T.4: Shock	Pass	Page 8
38.3.4.5 T.5: External short circuit	Pass	Page 9
38.3.4.6 T.6: Impact/Crush (cell only test)	Pass	Page 10
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	Page 11

[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. *third revised edition , am.1*

[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.*