

# 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 #:** TLI-1550A  
 **Same Type Part #:**

[b] **Manufacturer**  
Tadiran Batteries Ltd.  
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Kiryat Ekron,  
Israel 7695001  
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[d] Unique report ID: 15Q-1007

[e] Report date: October 2018

[c] **Test Laboratory**  
Tadiran Batteries Ltd.  
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**Same Type Part Numbers # (all):** covers all the TLI-1550A/xxx, TLI-1550A/1A/xxx part numbers with various contact terminations / harness.

[f] (i)  Li-ion  Li-metal.


(iv) **Description:** TLI-1550A is a rechargeable lithium ion battery with OCV of up to 4.1V and can be transported as a lithium ion battery under UN numbers 3480 (lithium ion batteries) and UN 3481 (lithium ion batteries packed with or in equipment). The TLI-1550A cell may come with an additional optional letter and suffixes consist of a "f" followed by one or two letters and digits which indicate different finishing such as /T , /TP, /PT2, etc..  
Tadiran manufactures all cells/batteries under a quality management system as required under this regulation.

(ii) Mass: 20 g  
(iii)  Watt hour rating or  Lithium content: 1.3 W/h  
(v)  Cell  Battery  Product. Model number/Part number: TLI-1550A

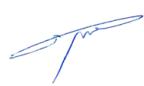
[g] List of Tests Conducted	Result (Pass / Fail / N.A.)	Test record reference
38.3.4.1 T.1: Altitude simulation	Pass	15Q-1007
38.3.4.2 T.2: Thermal test	Pass	15Q-1007
38.3.4.3 T.3: Vibration	Pass	15Q-1007
38.3.4.4 T.4: Shock	Pass	15Q-1007
38.3.4.5 T.5: External short circuit	Pass	15Q-1007
38.3.4.6 T.6: Impact/Crush (cell only test)	Pass	15Q-1007
38.3.4.7 T.7: Overcharge (N.A for Li-metal only)	N.A.	15Q-1007
38.3.4.8 T.8: Forced discharge (cell only test)	Pass	15Q-1007

[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. *Sixth revised edition*

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




[j] Signatory B. Date: 2019.01.01  
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.