## LITHIUM CELLS OR BATTERIES TEST SUMMARY
### IN ACCORDANCE WITH SUB-SECTION 38.3
### OF MANUAL OF TEST AND CRITERIA

### BATTERY TRANSPORTATION INFORMATION

<table>
<thead>
<tr>
<th>Name of cell, battery or product manufacturer, as applicable:</th>
<th>Cell, battery or product manufacturer’s contact information to include address, phone number, email address and website for more information:</th>
</tr>
</thead>
</table>
| Item Number: US18650VTC4                                      | Tohoku Murata Manufacturing Co., Ltd.  
1-1 Shimosugishita, Takakura, Hiwada-machi, Koriyama-shi, Fukushima, 963-0531 Japan  
Phone: +81-24-955-7770  
e-mail: tmm-qa-compliance@murata.com  
Website: https://www.murata.com/en-global/group/tohokumurata/ |
| Item Name:                                                    |                                                                                                                                   |
| Item Description: Lithium Ion Battery Cell                    |                                                                                                                                   |

| Name of the test laboratory to include address, phone number, email address and website for more information: | A unique test report identification number: QA-7226  
Date of the test report: 1-Sep-17 |
|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Tohoku Murata Manufacturing Co., Ltd.  
1-1 Shimosugishita, Takakura, Hiwada-machi, Koriyama-shi, Fukushima, 963-0531 Japan  
Phone: +81-24-955-7770  
e-mail: tmm-qa-compliance@murata.com  
Website: https://www.murata.com/en-global/group/tohokumurata/ |                                                                                                                                   |

### Description of cell or battery to include at a minimum: Lithium ion or Lithium metal cell or battery; Mass; Watt-hour rating, or lithium content; Physical description of the cell/battery; and Model

| Cell/battery Type: Lithium Ion  
Cell or Battery: Cell  
Cell or Battery Weight: 45.0 ± 1.5 g  
LC or W/h rating: 7.2 Wh  
Physical description: Lithium Ion Rechargeable Cells | Testing additional comments: |

### List of tests conducted and results (i.e., pass/fail):

- **Test T.1**: Altitude Simulation: Pass  
- **Test T.2**: Thermal Test: Pass  
- **Test T.3**: Vibration: Pass  
- **Test T.4**: Shock: Pass  
- **Test T.5**: External short circuit: Pass  
- **Test T.6**: Impact: Pass  
- **Test T.7**: Overcharge: Not applicable  
- **Test T.8**: Forced discharge: Pass

### Reference to assembled battery testing requirements, if applicable (i.e., 38.3.3;(f) and 38.3.3;(g):

Not Applicable

### Reference to the revised edition of the Manual of Test and Criteria used and to amendments thereto, if any:

Revision 5 Amendment 2

### PRODUCT CLASSIFICATION FOR TRANSPORT (According to UN – DGP)

<table>
<thead>
<tr>
<th>UN Classification: UN3480</th>
<th>Proper Shipping Name: Lithium Ion Battery</th>
</tr>
</thead>
</table>

This document remains valid as long as no changes, modification, or additions are made to the model(s) described in this document, after being transported from a Tohoku Murata Manufacturing. The model(s) has (have) been classified according to the applicable transport regulations and the UN Manual of Tests and Criteria as of the date of the certification. The model(s) must be packed, labeled, and documented according to country and other international regulations for transportation.