LITHIUM CELL TEST SUMMARY AND SUPPLIER INQUIRY

IN ACCORDANCE WITH SUB-SECTION 38.3
OF MANUAL OF TESTS AND CRITERIA

N/A = Not Applicable

1. Name/Description of cell
Lithium Ion Cell (Rechargeable type)

2. Manufacturer of cell	
Name	Amperex Technology Limited
Address	3503,Wharf Cable TV Tower, 9 Hoi Shing Road,Tsuen Wan,N.T, HongKong China
Phone	852-2498-0908
Email	WuHE@ATLBattery.com
Website	http://www.ATLbattery.com

2a. Manufacturer of the equipment (if the cell is contained in equipment)	
Name	FairPhone B.V.
Address	Jollemanhof 17,1019 GW, Amsterdam, the Netherlands
Phone	+31207884400
Email	ted.jao@fairphone.com
Website	www.fairphone.com

3. Test laboratory of cell	
Name	AnTek Certification Inc.
Address	7F., No.351, Yangguang St., Neihu District, Taipei City, Taiwan
Phone	+886287523779
Email	atc@atclab.com.tw
Website	www.actlab.com.tw

4. ID-number and date			
Unique test report identification number	TW1909079-001	Date of test report	Oct.23,2019

DESCRIPTION OF CELL

5. Mark the type of cell with an "•"			
(•)	Lithium ion cell	Lithium metal cell	( )

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IN ACCORDANCE WITH SUB-SECTION 38.3
OF MANUAL OF TESTS AND CRITERIA

Name/Description of cell (taken from field 1)
Lithium Ion Cell (Rechargeable typ

6. Parameters	Cell
Mass in gram (g):	40
Lithium ion: Indicate watt-hour rating (Wh):	11.55
Lithium metal: Indicate lithium metal content in gram (g):	

7. Physical description of cell
Pouch cell

8. Model numbers
503987

TESTS AND RESULTS

9. List of tests conducted and results - Mark N/A, pass or fail with an " "	N/A	pass	fail
T1 - Altitude simulation	○	◉	○
T2 - Thermal Test	○	◉	○
T3 - Vibration	○	◉	○
T4 - Shock	○	◉	○
T5 - External Short Circuit	○	◉	○
T6 - Impact - for cylindrical cells having a diameter of at least 18 mm	◉	○	○
T6 - Crush - for prismatic cells, pouch cells, button cells and cylindrical cells having a diameter of less than 18 mm	○	◉	○
T7 - Overcharge	○	◉	○
T8 - Forced Discharge	○	◉	○
	○	○	○
	○	○	○

10. Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto

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Name/Description of cell (taken from field 1)
Lithium Ion Cell (Rechargeable typ

ADDITIONAL SUPPLIER INQUIRY

11. Quality management system for manufacturing cells Does the manufacturer of the cell/battery manufacture the products based on a documented quality management system according to transport regulations?			● YES	○ NO
12. Are the following parameters exceeded? Lithium ion cell: more than 20 Wh Lithium metal cell: more than 1 g Lithium			○ YES	● NO
Check point 13 – 15 need to be answered when 13 has been ticked "YES":				
13. Does each cell incorporates a safety venting device or is designed to preclude a violent rupture under normal conditions of carriage?			● YES	○ NO
14. Is each cell equipped with an effective means of preventing external short circuits?			○ YES	● NO
15. Is each battery containing cells or series of cells connected in parallel equipped with effective means as necessary to prevent dangerous reverse current flow (e.g. diodes, fuses, etc.)	Not relevant for cells			● N/A

16. Only in air transport: State of Charge (SoC) for UN 3480 Lithium ion cells and lithium polymer cells				
State of Charge (SoC) max. 30 %	○ N/A	● YES		○ NO

CELLS INSTALLED IN EQUIPMENT

17. Check point 17 needs to be answered when the cells are installed in articles:				
17.a) Only button cells enclosed?		○ YES		● NO
17.b) Number of enclosed cells (other than button cells) per equipment			1	
When the equipment is intentionally active/switched on during transport e.g. data loggers:				
17.c) Confirmation that no dangerous amount of heat is emitted from the equipment	○ N/A	● YES		○ NO
17.d) Confirmation that the equipment when transported by air fulfills the defined air transport standards for electromagnetic radiation according to DO-160	○ N/A	○ YES		● NO

18. Place, Date	19. Title, Surname, First name	20. Company stamp and signature
2019.10.29	Engineer Daisy Wu	Daisy Wu

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