



Test Report

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Applicant : SHENZHEN ALEX TECHNOLOGY CO., LTD
Address : Unit 407,409, Hehuan Business Center, Bldg 36, Yintian Gongye Rd,
Xixiang District, Bao'an, Shenzhen
Name of sample : OPEN-EAR BLUETOOTH HEADPHONES
Receiving Date : April 2, 2020
Test Date : April 7, 2020
Test Location : Guangzhou Reliability Laboratory
Test Method : IEC 60529:1989+A1:1999+A2: 2013
Test Item : IPX4
Decision Rule : IEC 60529:1989+A1:1999+A2: 2013
Conclusion : Pass

Signed for and on behalf of
Shenzhen United Testing Technology Co.,Ltd



LiuZe
Approved Signatory

2020-04-16

Issue Date



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1. Sample information

For samples, the information provided by the applicant is as follows:

Product Model : OPENEAR Duet
Additional Model : OPENEAR Trio, OPENEAR Alto, OPENEAR Duo,
OPENEAR Chorus
Sample Quantity : 2 PCS

2. Conclusion

The sample was detected and according to the detection results, the conclusion are as follows:

Test item		Test Method	Decision Rule	Conclusion
Test data chapter No.	Item			
3	IPX4	IEC 60529:1989+A1:1999+A2: 2013	IEC 60529:1989+A1:1999+A2 : 2013	Pass



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3. Test Item: IPX4

3.1. Sample number: 1# ~ 2#

3.2. Test equipment:

Name of device	Model	Number	Calibration Effective Deadline
Rain test device	OJN-IP1-7	DC13	2021-01-12

3.3. Laboratory temperature and humidity: temperature: 23±5°C; humidity: 50±10%RH

3.4. Test method: IEC 60529:1989+A1:1999+A2: 2013

3.5. Test conditions:

1. Angle Direction: spray ± 180° from vertical;
2. Per hole flow: 0.07 L/min;
3. Duration of test: 10 min;
4. Distance from nozzle to enclosure surface: 200mm.




3.6. Decision Rule:

1. In general, if any water has entered, it shall not be sufficient to interfere with the correct operation of the equipment or impair safety; deposit on insulation parts where it could lead to tracking along the creepage distances: reach live parts or windings not designed to operate when wet; accumulate near the cable end or enter the cable if any;
 2. If the enclosure is provided with drain-holes, it should be proved by inspection that any water which enters does not accumulate and that it drains away without doing any harm to the equipment;
- For enclosures without drain-holes, the relevant product standard shall specify the acceptance conditions if water can accumulate to reach live parts.

3.7. Test result:

Sample number	Test result	Determine
1#	After the test, there was no trace of water in the shell.	Pass
2#	After the test, there was no trace of water in the shell.	Pass

3.8. Sample Photos:

	
<p>Before the testing</p>	<p>In testing</p>
	<p>/</p>
<p>After the test</p>	<p>/</p>



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The sample picture is only used to inform the applicant that the sample received by the laboratory is shown in the picture, which does not prove the appearance and quality of the applicant's products.

*****End of Report*****

Note: This report must have the signature of the authorized signatory and the special seal of the report, otherwise it will be considered invalid.

This report shall not be modified, added or deleted without authorization. This report is valid only for samples presented in the "Sample Photo".

If there is any objection to the test datas and conclusions of this report, please submit it in writing within 10 working days after the date of issuance of the report.

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