TEST REPORT

Kunde: *Client:*	DongGuan Kemi Electronics Technology Co., Ltd
Adresse: *Address:*	Room 201, Floor 2, Building 4, Taixing Science Park, No.3, Taixing Road, Shigu, Tangxia Town, Dongguan city, China
Hersteller: *Manufacturer:*	DongGuan Kemi Electronics Technology Co., Ltd
Adresse: *Address:*	Room 201, Floor 2, Building 4, Taixing Science Park, No.3, Taixing Road, Shigu, Tangxia Town, Dongguan city, China
Name der Marke: *Brand Name:*	N/A
Beschreibungdes Produkts: *Product Description:*	Bluetooth headset
Modelle: *Models:*	X16
Bewertung: *Rating:*	DC5V, 0.5mA, Battery: 701325
Verfahren: *Method:*	IEC 60529:1989+A1:1999+A2:2013
Prüfergebnis*: *Test result*:*	Pass

Datum der Prüfung: *Date of Test:*	**Datum der Emission:** *Date of Issue:*	**Klassifizierung:** *Classification:*	**Gegenstand der Prüfung:** *Test item:*
2024/06/17-2024/6/20	2024/6/21	Commission Test	IPX8 Test

Prüflabor (Testlabor) / Testing Laboratory:
Shenzhen Southern LCS Compliance Testing Laboratory Ltd.
101-201, No.39 Building, Xialang Industrial Zone, Heshuikou Community, Matian Street, Guangming District, Shenzhen, China

Test von/Test by:	**Check von/**Check by:	**Genehmigt von/**Approved by:
Rose Cao	Torres He	
Rose Cao/ Project Engineer	Torres He/ Director	Jesse Liu/ Manager

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Modified Information

Version	Report No.	Revision Date	Summary
V1.0	LCSB03284002S	/	Original Version

General product information: N/A

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Equipment used during test:

ID Number	Instrument	Model/ Type	Calibration Date
SLCS-S-040	Submersible test unit	X8	2023/5/9
SLCS-E-027	Temperature and humidity barometer	/	2023/4/27
SLCS-S-011	J Thermocouple	J	2023/11/2
SLCS-S-029	Temperature recorder	34970A	2023/5/9
SLCS-S-148	Air compressor	OTS-800	/

Test Item:

Test for second characteristic numeral 8

Atmospheric conditions for water or dust tests:

Air pressure: 86 kPa to 106 kPa

Temperature range: 15℃ to 35℃

Relative humidity:25 %RH to 75 %RH

Test samples:

Clean and new sample were be tested

Test Method:

The test is made by completely immersing the enclosure in water in its service position as specified by the manufacturer so that the following conditions are satisfied:

a) the lowest point of enclosures with a height less than 850mm is located 1000mm below the surface of the water;

b) the highest point of enclosures with a height equal to or greater than 850mm is located 150mm below the surface of the water;

c) the duration of the test is 60 min;

d) the water temperature does not differ from that of the equipment by more than 5 K.

However, a modified requirement may be specified in the relevant product standard if the tests are to be made when the equipment is energized and/or its parts in motion.

Unless there is a relevant product standard, the test conditions are subject to agreement between manufacturer and user, but they shall be more severe than those prescribed in 14.2.7and they shall take account of the condition that the enclosure will be continuously immersed in actual use.

Acceptance Conditions:

It is the responsibility of the relevant Technical Committee to specify the amount of water which may be allowed to enter the enclosure and the details of a dielectric strength test, if any. 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.

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.

Test Result:

☒ **Pass** ☐ **Fail**

Photo Documentation:

Photo 1: Overall view of model X16

Photo 2: Overall view of model X16

Photo Documentation:

Photo 3: IPX8 test of model X16

Photo Documentation:

Photo 4: Test result of IPX8 test

Photo Documentation:

Photo 5: Test result of IPX8 test

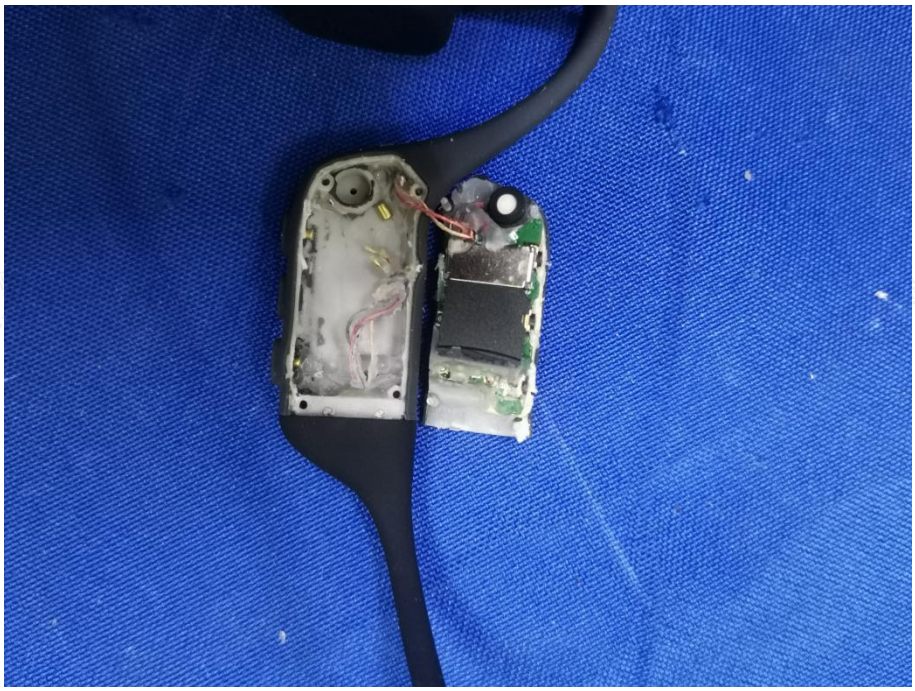

Photo Documentation:

Photo 6: Test result of IPX8 test

Photo Documentation:

Photo 7: Test result of IPX8 test

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