


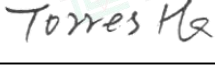
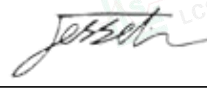


TEST REPORT

Kunde: <i>Client:</i>	DongGuan Kemi Electronics Technology Co., Ltd
Adresse: <i>Address:</i>	Room 201, Floor 2, Building 4, Taixing Science Park, No.3, Taixing Road, Shigu, Tangxia Town, Dongguan city, China
Hersteller: <i>Manufacturer:</i>	DongGuan Kemi Electronics Technology Co., Ltd
Adresse: <i>Address:</i>	Room 201, Floor 2, Building 4, Taixing Science Park, No.3, Taixing Road, Shigu, Tangxia Town, Dongguan city, China
Name der Marke: <i>Brand Name:</i>	N/A
Beschreibung des Produkts: <i>Product Description:</i>	Bone conduction Bluetooth headphones
Modelle: <i>Models:</i>	X13
Bewertung: <i>Rating:</i>	N/A
Verfahren: <i>Method:</i>	IEC 60529:1989+A1:1999+A2:2013
Prüfergebnis*: <i>Test result*:</i>	Pass

Datum der Prüfung: <i>Date of Test:</i>	Datum der Emission: <i>Date of Issue:</i>	Klassifizierung: <i>Classification:</i>	Gegenstand der Prüfung: <i>Test item:</i>
2024/04/03	2024/04/09	Commission Test	IPX6 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:  Rose Cao / Project Engineer	Check von/Check by:  Torres He / Director	Genehmigt von/Approved by:  Jesse Liu / Manager
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Shenzhen Southern LCS Compliance Testing Laboratory Ltd.

Add: 101-201, No.39 Building, Xialang Industrial Zone, Heshuikou Community, Matian Street, Guangming District, Shenzhen, China

Tel: +(86) 0755-29871520 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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Modified Information

Version	Report No.	Revision Date	Summary
--	LCSB03284016S	/	Original Version

General product information: N/A

Equipment used during test:

ID Number	Instrument	Model/ Type	Calibration Date
SLCS-S-034	IPX5, IPX6 waterproof equipment	JL-1/2	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



**Test Item:**

Test for second characteristic numeral 6 with the 12,5 mm nozzle

Atmospheric conditions for water or dust tests:

Air pressure: 86 kPa to 106 kPa

Temperature range: 15°C to 35°C

Relative humidity: 25 %RH to 75 %RH

Test samples:

Clean and new sample were be tested

Test Method:

The test is made by spraying the enclosure from all practicable directions with a stream of water from a standard test nozzle as shown in figure 6.

The conditions to be observed are as follows:

- internal diameter of the nozzle: 12,5 mm;
- delivery rate: 100 l/min \pm 5 %;
- water pressure: to be adjusted to achieve the specified delivery rate;
- core of the substantial stream: circle of approximately 120 mm diameter at 2,5 m distance from nozzle;
- test duration per square metre of enclosure surface area likely to be sprayed: 1 min;
- minimum test duration: 3 min;
- distance from nozzle to enclosure surface: between 2,5 m and 3 m.

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.

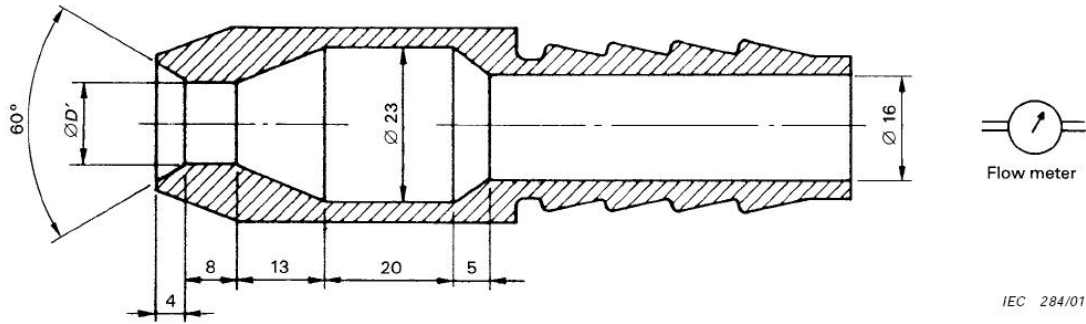
If the enclosure is provided with drain-holes, it should be proved by inspection that any water which enters does not accumulate and that it drains away without doing any harm to the equipment.

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





IEC 284/01

Dimensions in millimetres

 $D' = 6,3$ for the test of 14.2.5 (second characteristic numeral 5) $D' = 12,5$ for the test of 14.2.6 (second characteristic numeral 6)

Figure 6 – Test device to verify protection against water jets (hose nozzle)



Photo Documentation:

Photo 1: Overall view of model X13



Photo 2: Overall view of model X13



Photo Documentation:

Photo 3: IPX6 test of model X13

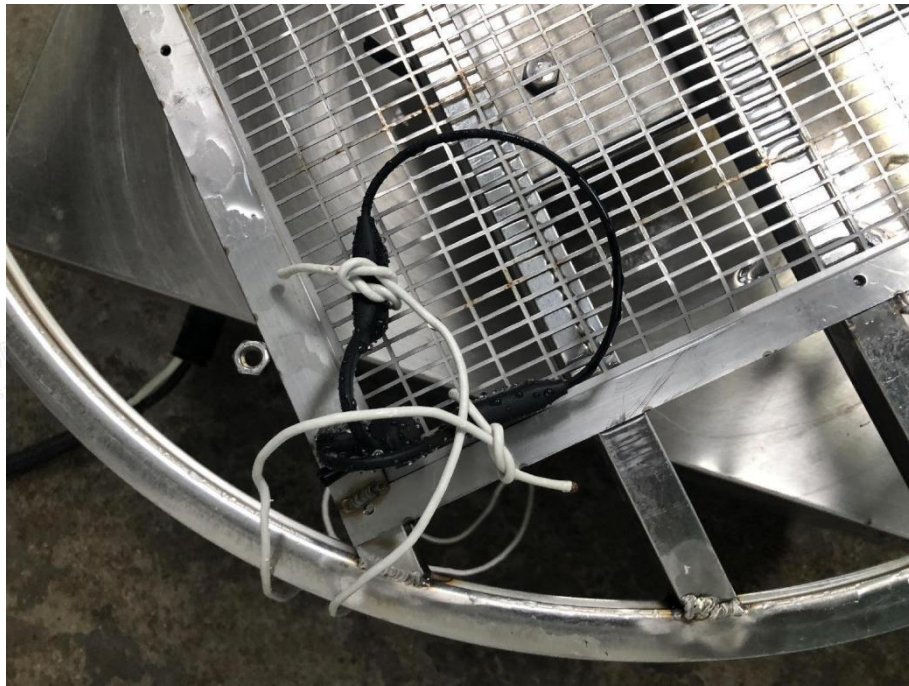


Photo Documentation:

Photo 4: IPX6 test of model X13



----- End of Test Report-----

