Report No.: RXM200925051-SF

TEST REPORT

According to IEC 62262: 2002

For

AKUVOX (XIAMEN) NETWORKS CO., LTD.

10/F, No.56, Software Park II , Xiamen, China

Model:X915S

Report Type: Impact Test Report	**Product Type:** Door Phone	
Test Engineer:	Eric Tang	Eric Tang
Report Number:	RXM200925051-SF	
Test Date:	2020-11-20	
Report Date:	2020-11-20	
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1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

"EUT" as referred to in this report is a Door Phone, test model is X915S. "EUT" was received at 2020-11-19, and in good condition

1.2 Objective

The following Declaration of Conformity of a device is prepared on behalf of AKUVOX (XIAMEN) NETWORKS CO., LTD., is accordance with IEC 62262: 2002.

1.3 Test Methodology

All measurements contained in this report are conducted with IEC 62262: 2002.
Hammer test contained in this report are conducted with IEC 60068-2-75: 1997.
All measurements are performed at Bay Area Compliance Laboratories Corp. (Dongguan).

1.4 Test Equipment List

Test Equipment	Model	Equipment No	Cal. Date	Due Date
Spring hammer	N/A	T-08-SF264	2020-07-07	2021-07-07

1.5 Equipment Under Test (EUT)

Applicant	Description	Trade Name
AKUVOX (XIAMEN) NETWORKS CO., LTD.	Door Phone	N/A
Applicant address	10/F, No.56, Software Park II , Xiamen, China	

2. Impact test

2.1 Test Method

IK code and impact energy

Table 1 — Relation between IK code and impact energy

IK code	IK00	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10
Impact energy Joule	[a]	0,14	0,2	0,35	0,5	0,7	1	2	5	10	20
[a] not protected according to this standard											

Spring impact hammer

The impact energy which the hammer can provide is 0.2J, 0.35J, 0.5J, 0.7J, 1J, 2J, 5J, 10J, 20J. And the structure of the hammer is conformed to the demands of IEC 60068-2-75: 1997. Use an adjusted energy value to strike the selected area on the specimen surface in the direction which perpendicular to the test area, the specimen surface held in a horizontal and rigid surface. A support is considered to be sufficiently rigid if its displacement is less than or equal to 0.1mm under the effect of an impact directly applied and whose energy corresponds to the degree of protection.

2.2 Test Procedure

1. Check the function and appearance before test.
2. Set the EUT on the test surface.
3. Adjust the impact energy of the spring impact hammer to 20J.
4. Apply the impact to every test position 3 times, in the direction which perpendicular to the test area.
5. Test is completed.

2.3 Initial Test

Part the test areas into 9 positions, and check the appearance and function.

Identification No.	Position	Appearance
#001	Position 1~Position 9	Normal

Note: The detail position diagrammatic drawings please refer to Clause 3.1 Position diagrammatic drawing.

2.4 Test Results

#001		0.5J (IK04)	0.7J (IK05)	1J (IK06)	2J (IK07)	5J (IK08)	10J (IK09)	20J (IK10)
Appearance	Position 1~Position 9	P	P	P	P	P	P	P

Note: F: Fail; P: Pass

Result: The IK code of the sample is IK10

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3. EUT PHOTOS

3.1 Position diagrammatic drawing

Photo1~2: Position1 to Position9





3.2 Appearance check before test





3.3 Appearance check after test





Directions

1. The information marked # is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report.
2. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
3. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
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