


<b>Prüfbericht-Nr.:</b> Test report no.:	<b>CN25J0SA 001B</b>	<b>Auftrags-Nr.:</b> Order no.:	180312969	Seite 1 von 10 Page 1 of 10	
<b>Kunden-Referenz-Nr.:</b> Client reference no.:	N/A	<b>Auftragsdatum:</b> Order date:	2024.12.10		
<b>Auftraggeber:</b> Client:	KOOPMAN INTERNATIONAL B.V. Distelweg 88, 1031 HH Amsterdam, The Netherlands				
<b>Prüfgegenstand:</b> Test item:	PARTY HEADBAND WITH LIGHT				
<b>Bezeichnung / Typ-Nr.:</b> Identification / Type no.:	484000020				
<b>Auftrags-Inhalt:</b> Order content:	TÜV Rheinland – EMC Service				
<b>Prüfgrundlage:</b> Test specification:	<b>EN IEC 55014-1:2021</b> <b>EN IEC 55014-2:2021</b>				
<b>Wareneingangsdatum:</b> Date of sample receipt:	2024.12.11				
<b>Prüfmuster-Nr.:</b> Test sample no.:	A003885372-001				
<b>Prüfzeitraum:</b> Testing period:	2024.12.17				
<b>Ort der Prüfung:</b> Place of testing:	Refer to section 1.1				
<b>Prüflaboratorium:</b> Testing laboratory:	TÜV Rheinland / CCIC (Ningbo) Co., Ltd.				
<b>Prüfergebnis*:</b> Test result*:	Pass				
<b>geprüft von:</b> tested by:	<i>Chao Zhang</i>		<b>genehmigt von:</b> authorized by:	<i>Carrie Lei</i>	
<b>Datum:</b> Date:	2025.02.21		<b>Ausstelldatum:</b> Issue date:	2025.02.21	
<b>Stellung / Position:</b>	Chao Zhang/PE		<b>Stellung / Position:</b>	Carrie Lei/Authorizer	
<b>Sonstiges / Other:</b>	Purchase Order: 503947				
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged				
* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet	
* Legend:	P(ass) = passed a.m. test specification(s)	F(ail) = failed a.m. test specification(s)	N/A = not applicable	N/T = not tested	
<p><b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b>  <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i></p>					

**Anmerkungen**  
*Remarks*

1	<p>Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</p> <p><i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system.</i></p> <p><i>Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i></p>
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3	<p>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.</p> <p><i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report. Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i></p>
4	<p>Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019.</p> <p><i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i></p>

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## **1 Test Sites**

### **1.1 Test Facilities**

**Laboratory: TÜV Rheinland /CCIC(Ningbo) Co., Ltd.**

**Address: 1<sup>st</sup> Floor, Building 11, Scholar Innovation Park, No.1188  
Zhongguan Road, Zhenhai District, Ningbo 315200 P.R. China.**

The used test equipment is in accordance with CISPR 16-1 series standards for measurement of radio interference.

Refer to Clause 7 for test and measurement instruments.

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## **2 General Product Information**

### **2.1 Product Function and Intended Use**

The EUT (equipment under test) is an ordinary PARTY HEADBAND WITH LIGHT used as a battery powered toy. For the further information, refer to the user's manual.

### **2.2 Ratings and System Details**

Battery : 3\*LR44 (DC 4.5 V)  
Protection Class : Class III

### **2.3 Independent Operation Modes**

The basic operation modes are: "On" or "Off".

### **2.4 Submitted Documents**

None.

### **3 Conformity Decision Rule**

For all EMI tests (when included in this report), as measurement uncertainties are less than the values UCISPR given in CISPR 16-4-2, compliance with the limits is determined by comparing measurement results directly with corresponding limits without taking into consideration of measurement uncertainties. For all EMS tests (when included in this report), measurement uncertainties are not considered as well according to corresponding test standards.

## 4 Test Results EMISSION

Standards		PASS	FAIL	N/A
EN IEC 55014-1:2021 clause 4.3.3.2	<b>MAINS TERMINAL DISTURBANCE VOLTAGE</b> Note: The EUT is battery operated, therefore this test item is not applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
EN IEC 55014-1:2021 clause 4.3.3.3	<b>DISTURBANCE VOLTAGE ON LOAD TERMINALS</b> Note: The EUT does not have load terminals, therefore this testing is not applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
EN IEC 55014-1:2021 clause 4.3.4.4	<b>DISTURBANCE POWER</b> Note: The EUT is battery operated, therefore this test item is not applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
EN IEC 55014-1:2021 clause 4.3.4.5	<b>RADIATED DISTURBANCE (80MHZ TO 1000MHZ)</b> For $F_x \leq 108$ MHz, the Highest measurement frequency is 1GHz	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EN IEC 55014-1:2021 clause 4.4	<b>DISCONTINUOUS DISTURBANCE</b> Note: The EUT is battery operated, therefore this test item is not applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## 5 Test Results IMMUNITY

**EN IEC 55014-2:2021 Immunity requirements for household appliance, tools and similar apparatus.**

The Product is classified as:

Category I	<input type="checkbox"/>
Category II	<input type="checkbox"/>
Category III	<input checked="" type="checkbox"/>
Category IV	<input type="checkbox"/>
Category V	<input type="checkbox"/>

Appliances shall fulfill the requirements of:

Electrostatic Discharge	Criterion C
Fast transients	Criterion B
Radio-frequency common mode (0.15MHz to 80MHz)	Criterion A
Radiofrequency EM fields	Criterion A
Surges	Criterion B

EN IEC 55014-2:2021 IMMUNITY REQUIREMENTS		PASS	FAIL	N/A
cl.5.1	<b>ELECTROSTATIC DISCHARGE</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
cl.5.2	<b>FAST TRANSIENTS</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<b>Signal ports, control ports and wired network ports</b> Note: The EUT has no signal, control and wired network lines, therefore this test item is not applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<b>Input and output DC power ports</b> Note: The EUT has no input and output DC power ports, therefore this test item is not applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<b>Input and output AC power ports</b> Note: The EUT is battery operated, therefore this test item is not applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
cl.5.4	<b>INJECTED CURRENTS, 0.15 MHz to 80 MHz</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<b>Signal ports, control ports and wired network ports</b> Note: The EUT has no signal, control and wired network lines, therefore this test item is not applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<b>Input and output DC power ports</b> Note: The EUT has no input and output DC power ports, therefore this test item is not applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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	<b>Input and output AC power ports</b> Note: The EUT is battery operated, therefore this test item is not applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
cl.5.5	<b>RADIOFREQUENCY EM FIELD</b> 80 MHz TO 1000 MHz Note: The EUT is not the ride on toys operating with electronic devices, therefore this test item is not applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
cl.5.6	<b>SURGES</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<b>Input AC power ports</b> Note: The EUT is battery operated, therefore this test item is not applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<b>Wired network ports</b> Note: The EUT has no wired network ports, therefore this test item is not applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## 6 List of Test and Measurement Instruments

No.	Equipment	Model	Serial No.	Cal. due date
1	EMI test receiver	ESR7	101929	2025.10.22
2	Bilog Antenna	CBL6112D	49033	2027.03.16
3	ESD generator	NX30.1	11744	2025.11.19

## 7 Measurement Uncertainty

Test Item	Expanded Measurement Uncertainty (k=2)
Conducted Emission (9-150kHz)	3.70dB
Conducted Emission (150k-30MHz)	3.30dB
Disturbance Power	4.27dB
Radiated Emission (30-1000MHz)	4.39dB
Radiated Emission (1-18GHz)	4.67dB
Radiated Emission (CDNE method)	4.05dB

-- The END --