



Test Report

Report No.: COBO22090887

Date: Oct.11th.2022

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Applicant: Fanvil Technology Co., LTD.

Address: 10/F Block A, Dualshine Global Science Innovation Center, Honglang North 2nd Road,
Bao'an District, Shenzhen, China

The following samples were submitted and identified on behalf of the clients as

Sample Name: IP Phone

Test Model: X303W

Series Model: X303G, X303P, X301G, X303, X301W, X301P, X301

Manufacturer & Supplier: Fanvil Technology Co., LTD.

Address: 10/F Block A, Dualshine Global Science Innovation Center, Honglang North 2nd
Road, Bao'an District, Shenzhen, China

Sample quantity: 1 Set

Sample Received Date: Sept.29.2022

Test Period: Sept.29.2022 to Oct.11.2022

Test Method: Please refer to next page(s).

Test Result: Please refer to next page(s).

General Information:

Product Weight 740g

Category under the WEEE Directive: 3rd IT and telecommunications equipment

Report Issuer:

Sam Xie

Anti-counterfeiting code: yd4g



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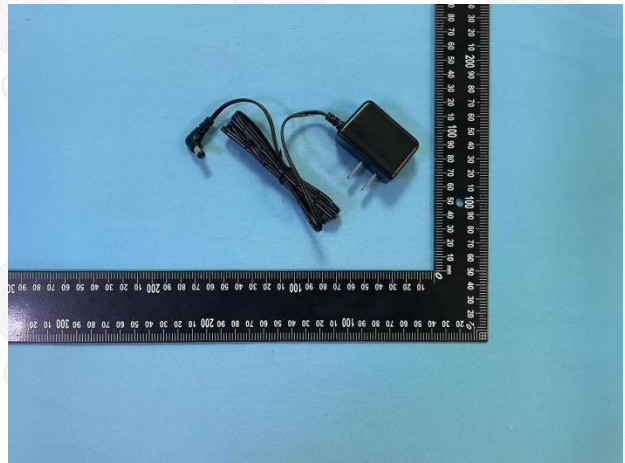
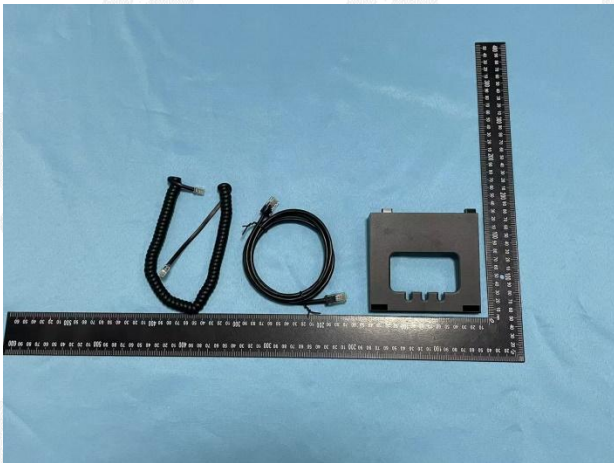
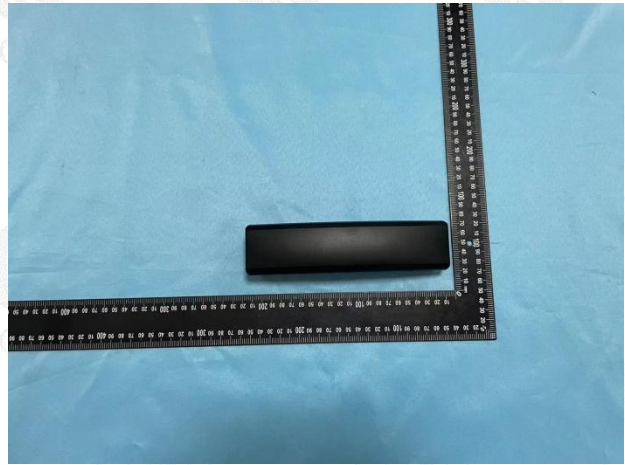
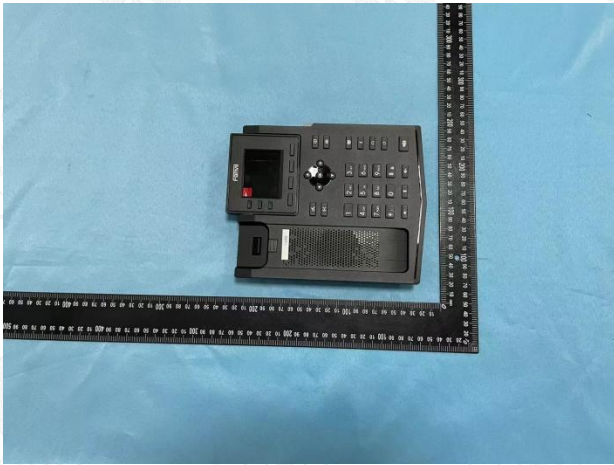
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1. Test Requested:

Based on the performed tests on specified material(s) or submitted sample(s).

2012/19/EU-on waste electrical and electronic equipment(WEEE)-Article 4, 11, 15(2)&Annex V

2. Result of Reuse/Recycling/Recovery Assessment

Reuse/Recycling/Recovery	Reuse/Recycling (%)	Recovery (%)
Reuse/Recycling/Recovery Targets under the 2012/19/EU WEEE Directive	70	80
Result of Assessment	88.64	99.97
WEEE requirement compliance	OK	OK

3. REQUIREMENT OF WEEE DIRECTIVE

3.1 PRODUCT DESIGN

According to article 4 of WEEE directive 2012/19/EU:

-Design and production of electrical and electronic equipment which take into account and facilitate dismantling and recovery of the components and materials. The design features or manufacturing processes do not prevent the product from being reused.

3.2 PROPER TREATMENT

Proper treatment, other than preparing for re-use, and recovery or recycling operations shall, as a minimum, include the removal of all fluids and a selective treatment accordance with Annex VII of WEEE directive 2012/19/EU

-Polychlorinated biphenyls (PCB) containing capacitors in accordance with Council Directive 96/59/EC of 16 September 1996 on the disposal of polychlorinated biphenyls and polychlorinated terphenyls(PCB/PCT)(1)

-Mercury containing components, such as switches or backlighting lamps,

- Batteries

- Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit



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board is greater than 10 square centimeters,

- Toner cartridges, liquid and paste, as well as colour toner,

- Plastic containing brominated flame retardants,

- Asbestos waste and components which contain asbestos,

- Cathode ray tubes,

- Chlorofluorocarbons(CFC),hydrochlorofluorocarbons(HCFC) or hydrofluorocarbons(HFC), hydrocarbons(HC),

- Gas discharge lamps,

- Liquid crystal displays (together with their casing where appropriate) of a surface greater than 100 square centimeters and all those back-lighted with gas discharge lamps,

- External electric cables,

- Components containing refractory ceramic fibres as described in Commission Directive 97/69/EC of 5 December 1997 adapting to technical progress for the 23rd time Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labeling of dangerous substances (2),

- Components containing radioactive substances with the exception of components that are below the exemption thresholds set in Article 3 of and Annex I to Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionizing radiation(3),

- Electrolyte capacitors containing substances of concern(height>25mm, diameter>25mm or proportionately similar volume).



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3.3 REQUIREMENT OF RECYCLING AND RECOVERY RATE

According to article 11 and Annex V part 2, below minimum target of Recycling and Recovery rate should be met from 15 August 2015 until 14 August 2018,

Category	Product Type	Minimum Recycling Rate	Minimum Recovery Rate
1	Large household appliances	80%	85%
2	Small household appliances	55%	75%
3	IT and telecommunications equipment	70%	80%
4	Consumer equipment and photovoltaic panels	70%	80%
5	Lighting equipment	55%	75%
6	Electrical and electronic tools(with the exception of large-scale stationary industrial tools)	55%	75%
7	Toys, leisure and sports equipment	55%	75%
8	Medical devices(with the exception of all implanted and infected products)	55%	75%
9	Monitoring and control instruments	55%	75%
10	Automatic dispensers	80%	85%
---	Gas discharge lamps	80%	---

Recycling Rate= Recycling Weight /Product Total Weight × (100%)

Recovery Rate= (Recycling Weight+ Energy Recovery Weight)/ Product Total Weight × (100%)



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4. EVALUATION RESULTS

4.1 CONFORMITY OF WEEE MARKING(S)

Evaluate the sample according to Directive 2012/19/EU Article 15(2)&EN50419:2006

Item No.	Requirement	Evaluation Result	Conclusion
1	Unique Identification of producer provided e.g. by brand name, trade mark, company registration number etc.	Brand name, trade mark was found	Yes
2	Date of manufacturing or date of product release to the market (coded or un-coded text) or indicated by an additional solid bar under the crossed wheel bin	Solid bar was found	Yes
3	Proper dimensions of marking as prescribed in the standard EN50419:2006	Marking was found	Yes
4	The marking shall be accessible, durable, legible and indelible.	Marking is accessible durable, legible and indelible	Yes
5	Location of marking shall be on: 1) the product or 2) the packaging, the instructions for use and warranty of the electronic equipment	Marking is located on the packaging, the instructions for use and warranty of the electronic equipment	Yes



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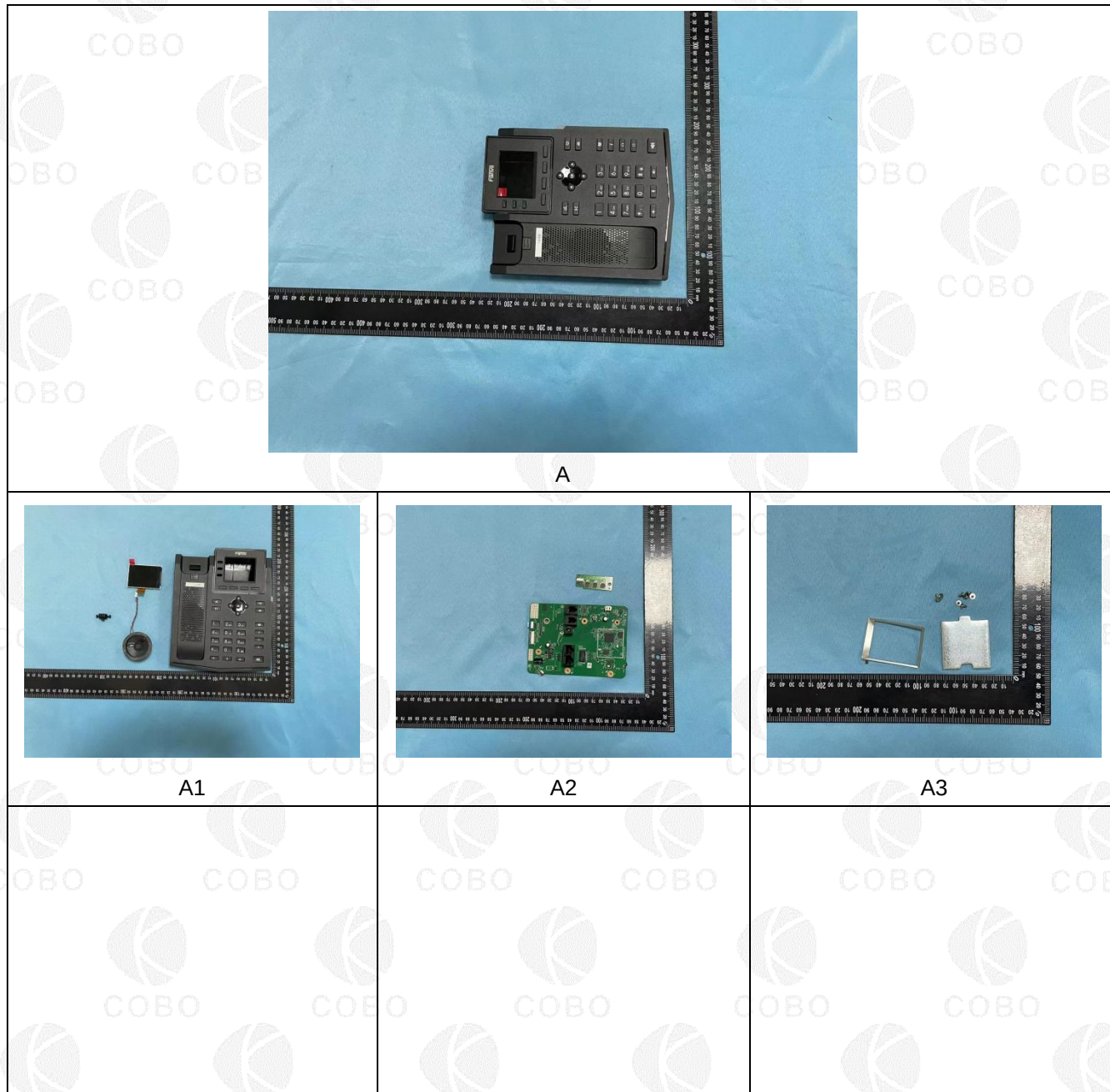
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4.2 DISASSEMBLING FLOWCHART



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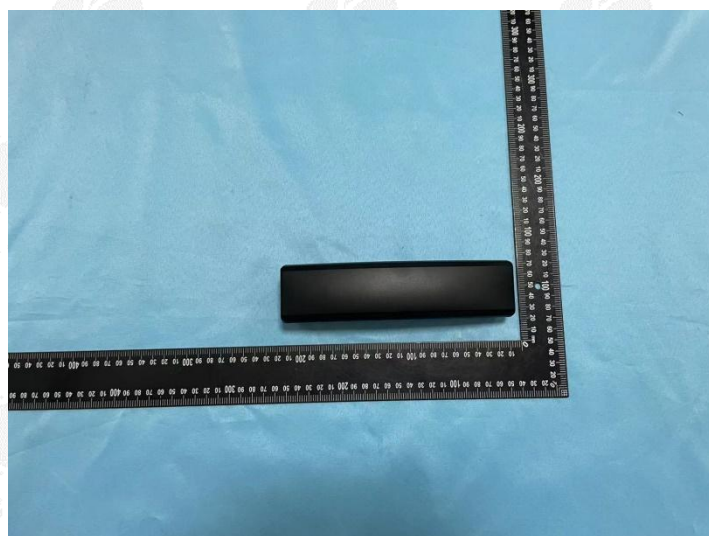
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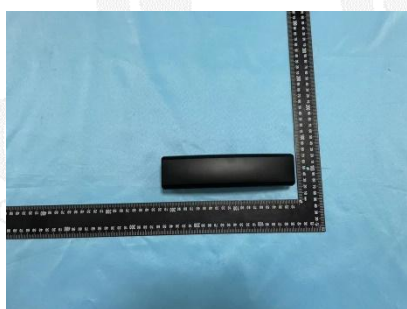
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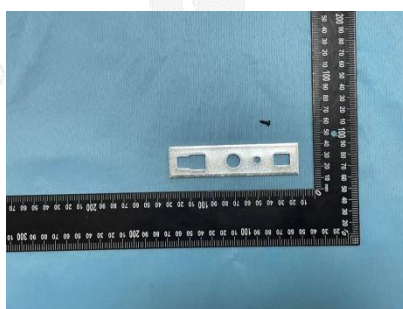
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B



B1



B2



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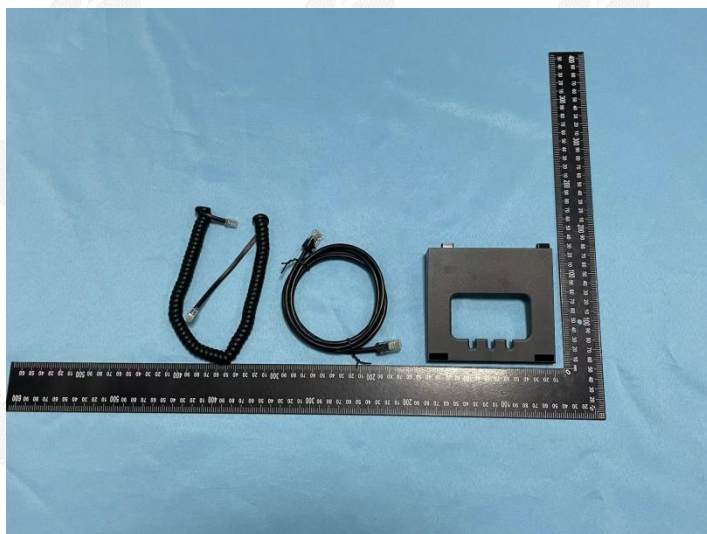
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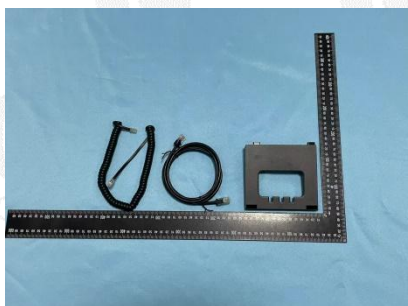
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C



C1



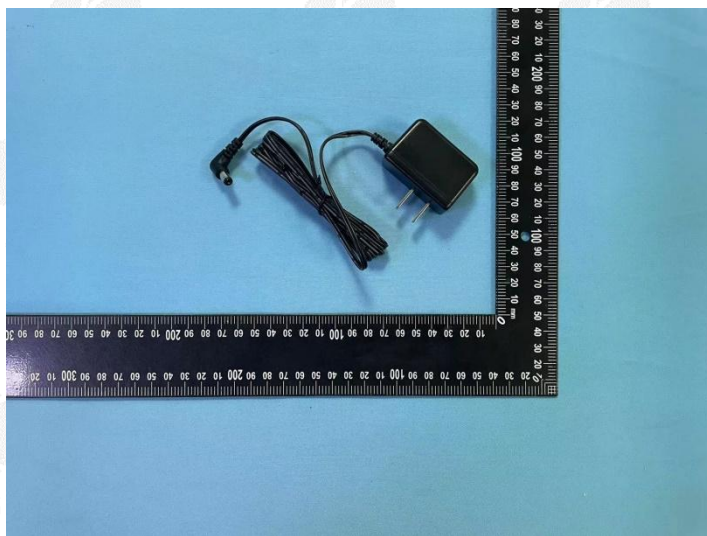
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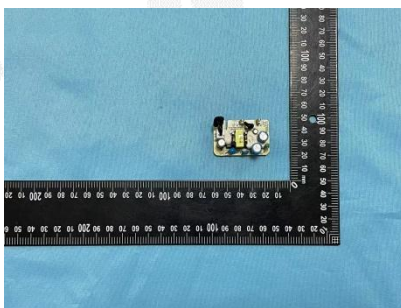
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D



D1



D2



D3



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4.3 Disassembly tool:

The disassembly tools used for this product show as following :

Disassembly Tool	Pictures
Flat headed screwdriver	
Cross screwdriver	
Scissors	
Straight screwdriver	



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4.4 WEEE ARTICLE 4-PRODUCT DESIGN

Requirement	Observation	Conformance
Design and production of electrical and electronic equipment which take into account and facilitate dismantling and recovery of the components and materials. The design features or manufacturing processes do not prevent the product from being reused.	Different parts can be separated easily.	Yes

4.5 DISASSEMBLED SAMPLE RECYCLABILITY AND RECOVERABILITY

Based on the sample disassembly and the BOM table provided by the supplier/applicant, the main materials involved are listed below with relevant evaluation results

Photo No.	Component/Material Composition	Weight (g)	Weight Percent (%)	Reuse/ Recycling (%)	Energy Recovery (%)	Recovery (%)
A1	Plastic	260.00	35.15	35.14	--	35.14
A2	PCB	70.00	9.46	--	9.46	9.46
A3	Metal parts	50.00	6.76	6.76	--	6.76
B1	Plastic	110.00	14.87	14.86	--	14.86
B2	Metal parts	80.00	10.81	10.81	--	10.81
C1	Plastic	120.00	16.22	16.22	--	16.22
D1	Plastic	32.64	4.41	4.41	--	4.41
D2	PCB	13.86	1.87	--	1.87	1.87
D3	Metal parts	3.26	0.44	0.44	--	0.44
Total		739.76	100.00	88.64	11.33	99.97

Note:

- (1) "g" denotes gram
- (2) The listed Recycling and Recovery Rate were evaluated based on theoretical and efficient treatment of waste
- (3) "%" means percentage by weight



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5. Recommendations for WEEE Directive Compliance

-In order to avoid the product not meeting the reuse/recovery targets regulated under the WEEE Directive and the regulations of EU countries, the applicant company should, when selecting material and components design, consider they can be easy to reuse and recycle. This consideration will lessen the impact of the required international environmental directives and also improve the product's competitiveness.

-It is recommended that the applicant company, when designing new product, especially where components and materials have a large weight ratio, should consider using recyclable materials in order to increase the product's reuse/recycling/recover ratio.

-The product should apply to the ROHS Directive. (Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronics equipment). The hazardous substance specification in the Directive should be controlled in the homogenous material of this product.

-If a product has changed its product design, or materials or components employed, then the product should be reassessed and retested in accordance with WEEE Directive for reuse/recycling/recovery assessment and ROHS for restricted banned substance requirements.



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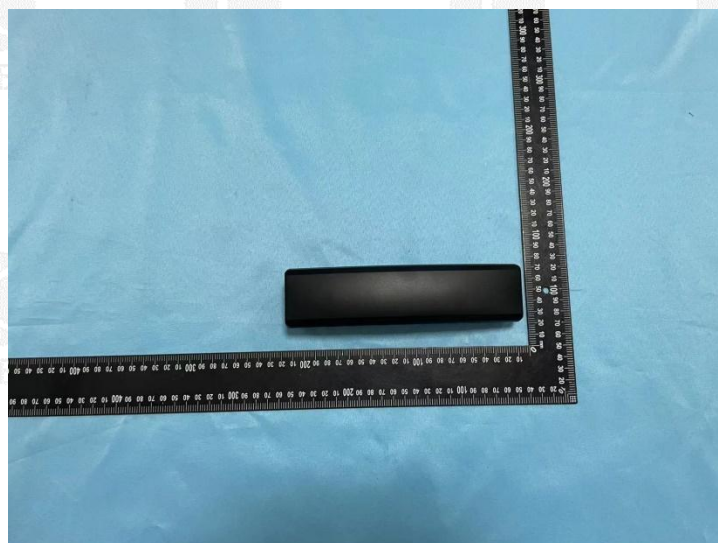
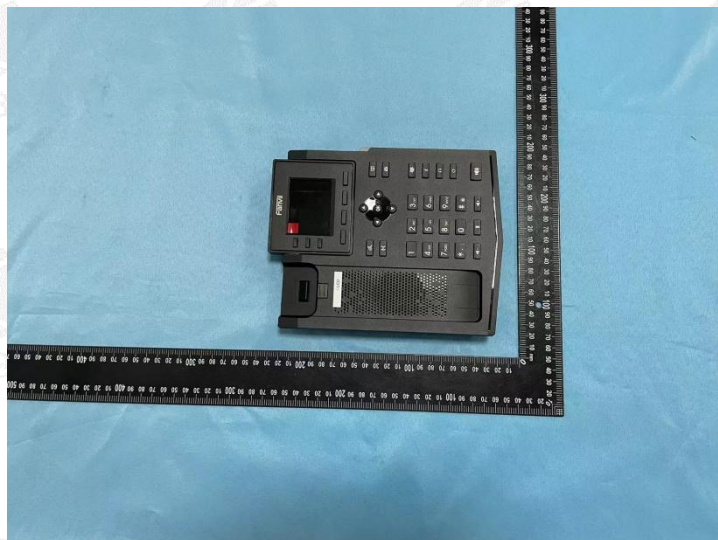
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Photo of the product

Headset:



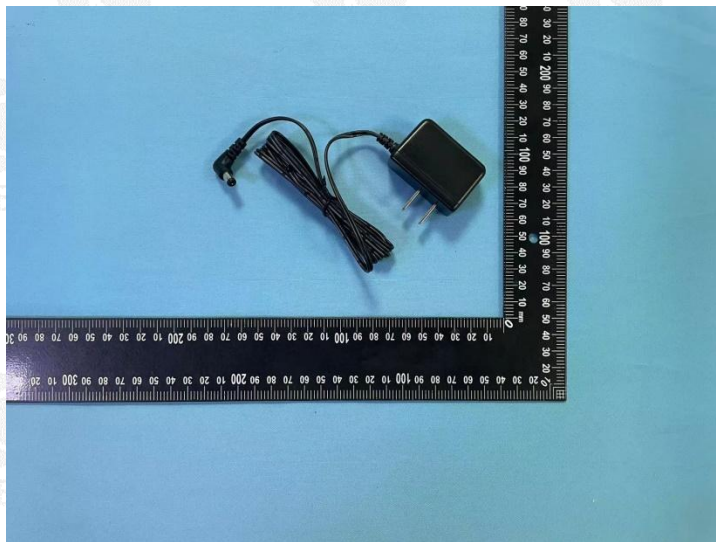
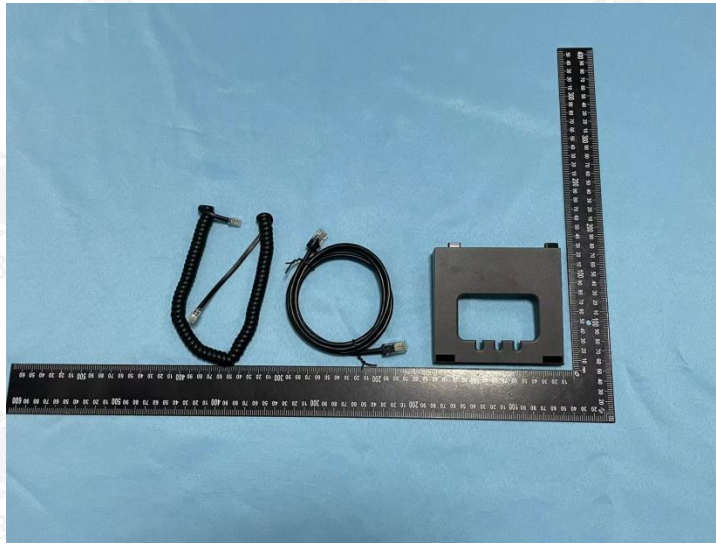
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4. In the event of the improper use of the report as determined by the company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the company.
6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
8. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of ten years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of Such damages.



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