

## Verification Report No.: CANEC23014885602 Date: Apr 15, 2024 Page 1 of 15

Client Name: MITECH ELECTRONICS CO., LIMITED  
 Client Address: 6/F, BUILDING 3, JINCHI EXHIBITION INNOVATION PARK, 59 HAOYE ROAD, FUHAI STREET, BAO'AN DISTRICT, SHENZHEN, CHINA  
 Sample Name: True Wireless Earphones  
 Tested Basic Model No.: Intenso BLACKBUDS T300A  
 Tested Extended Model No.: Intenso WHITEBUDS T302A  
 Client Ref. Information: Q36/Q37/Q39/Q51/Q52/Q53/Q55/Q62/Q63/Q64/Q65/Q81/Q10/Q82/Q86/Q88/Q89/Q92/Q93/Q95/Q96/T01/T02/T03/T04/T05/T06/T07/T08/G2/G4/G5/G6/G7/G8/G9/G24  
 Commercial Record (Trade License): 69341001  
 Brand: Mitech, idoooz  
 The above sample(s) and information were provided by the client.

SGS Job No.: SZP23-029258  
 Sample Receiving Date: Nov 24, 2023  
 Verification Period: Nov 24, 2023 ~ Mar 01, 2024  
 Verification Requested: With reference to RoHS Directive (EU) 2015/863 amending 2011/65/EU.  
 Verification Method(s): Please refer to next page(s).  
 Verification Result(s): Please refer to next page(s).

### Test Result Summary:

Test Items	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU- Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	Pass

Signed for and on behalf of  
 SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

*Violet Shi*

Violet Shi  
 Approved Signatory



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 Guangzhou Branch Technical Services Laboratory

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Photo of Submitted Sample



### Verification Method(s):

1. With reference to IEC 62321-2:2021, disassembly and disjointment were performed for the submitted samples.
  2. With reference to IEC 62321-1:2013, tests were performed for the samples indicated by the photos in this report.
- (1) With reference to IEC 62321-3-1:2013, screening by EDXRF spectroscopy.



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(2) Wet chemical test method: With reference to IEC 62321-4:2013+A1:2017, IEC62321-5:2013, IEC 62321-7-1:2015, IEC 62321-7-2:2017, ISO 17075-1:2017, IEC 62321-6:2015 and IEC62321-8:2017 , analyzed by ICP-OES,UV-Vis and GC-MS.



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**Verification Part Description:**

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN23-0148856-0001.C001	Intenso BLACKBUDS T300A- Black plastic shell
SN2	A2	CAN23-0148856-0001.C002	Intenso BLACKBUDS T300A- Black plastic cover
SN3	A3	CAN23-0148856-0001.C003	Intenso BLACKBUDS T300A- Black plastic part
SN4	A4	CAN23-0148856-0001.C004	Intenso BLACKBUDS T300A- Silvery magnet
SN5	A5	CAN23-0148856-0001.C005	Intenso BLACKBUDS T300A- Silvery metal shaft
SN6	A6	CAN23-0148856-0001.C006	Intenso BLACKBUDS T300A- Black plastic part
SN7	A7	CAN23-0148856-0001.C007	Intenso BLACKBUDS T300A- Black surfaced metal screw
SN8	A8	CAN23-0148856-0001.C008	Intenso BLACKBUDS T300A- Silvery adhesive plastic sheet
SN9	A9	CAN23-0148856-0001.C009	Intenso BLACKBUDS T300A- Silvery metal shell
SN10	A10	CAN23-0148856-0001.C010	Intenso BLACKBUDS T300A- Black body
SN11	A11	CAN23-0148856-0001.C011	Intenso BLACKBUDS T300A- Silvery metal pin
SN12	A12	CAN23-0148856-0001.C012	Intenso BLACKBUDS T300A- Dark grey plastic part
SN13	A13	CAN23-0148856-0001.C013.C001	Intenso BLACKBUDS T300A- Golden metal tube
SN14	A14	CAN23-0148856-0001.C014.C001	Intenso BLACKBUDS T300A- Golden metal part
SN15	A15	CAN23-0148856-0001.C015	Intenso BLACKBUDS T300A- Black "PCB"
SN16	A16	CAN23-0148856-0001.C016	Intenso BLACKBUDS T300A- Silvery metal solder
SN17	A17	CAN23-0148856-0001.C017	Intenso BLACKBUDS T300A- Black rubber part
SN18	A18	CAN23-0148856-0001.C018	Intenso BLACKBUDS T300A- Black plastic cover with white printing
SN19	A19	CAN23-0148856-0001.C019	Intenso BLACKBUDS T300A- Black plastic cover
SN20	A20	CAN23-0148856-0001.C020	Intenso BLACKBUDS T300A- Black plastic shell
SN21	A21	CAN23-0148856-0001.C021	Intenso BLACKBUDS T300A- Red plastic (wire insulation)
SN22	A22	CAN23-0148856-0001.C022	Intenso BLACKBUDS T300A- Black plastic (wire insulation)
SN23	A23	CAN23-0148856-0001.C023	Intenso BLACKBUDS T300A- Silvery metal solder
SN24	A24	CAN23-0148856-0001.C024	Intenso BLACKBUDS T300A- Silvery metal shell



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SN ID	Sample No.	SGS Sample ID	Description
SN25	A25	CAN23-0148856-0001.C025	Intenso BLACKBUDS T300A- Golden metal ring
SN26	A26	CAN23-0148856-0001.C026	Intenso BLACKBUDS T300A- Silvery metal shell
SN27	A27	CAN23-0148856-0001.C027	Intenso BLACKBUDS T300A- Silvery magnet
SN28	A28	CAN23-0148856-0001.C028	Intenso BLACKBUDS T300A- Green "PCB"
SN29	A29	CAN23-0148856-0001.C029.C001	Intenso BLACKBUDS T300A- Golden metal part
SN30	A30	CAN23-0148856-0001.C030	Intenso BLACKBUDS T300A- Blue "PCB"
SN31	A31	CAN23-0148856-0001.C031	Intenso BLACKBUDS T300A- Black adhesive sponge sheet
SN32	A32	CAN23-0148856-0001.C032	Intenso BLACKBUDS T300A- Silvery metal solder
SN33	A33	CAN23-0148856-0001.C033	Intenso BLACKBUDS T300A- Green "PCB"
SN34	A34	CAN23-0148856-0001.C034	Intenso BLACKBUDS T300A- Black plastic (cable jacket)
SN35	A35	CAN23-0148856-0001.C035	Intenso BLACKBUDS T300A- Black plastic shell
SN36	A36	CAN23-0148856-0001.C036	Intenso BLACKBUDS T300A- Silvery metal shell
SN37	A37	CAN23-0148856-0001.C037	Intenso BLACKBUDS T300A- Silvery metal shell
SN38	A38	CAN23-0148856-0001.C038	Intenso BLACKBUDS T300A- Black plastic shell
SN39	A39	CAN23-0148856-0001.C039	Intenso BLACKBUDS T300A- Red plastic (wire insulation)
SN40	A40	CAN23-0148856-0001.C040	Intenso BLACKBUDS T300A- Black plastic (wire insulation)
SN41	A41	CAN23-0148856-0001.C041	Intenso BLACKBUDS T300A- White plastic part
SN42	A42	CAN23-0148856-0001.C042	Intenso BLACKBUDS T300A- Silvery metal pin
SN43	A43	CAN23-0148856-0001.C043	Intenso BLACKBUDS T300A- Silvery metal pin
SN44	A44	CAN23-0148856-0001.C044	Intenso BLACKBUDS T300A- Golden metal pin
SN45	A45	CAN23-0148856-0001.C045	Intenso BLACKBUDS T300A- Dark grey plastic part
SN46	A46	CAN23-0148856-0001.C046	Intenso BLACKBUDS T300A- Green "PCB"
SN47	A47	CAN23-0148856-0001.C047	Intenso BLACKBUDS T300A- Silvery metal solder
SN48	A48	CAN23-0148856-0001.C048	Intenso BLACKBUDS T300A- Silvery metal solder
SN49	A49	CAN23-0148856-0001.C049	Intenso WHITEBUDS T302A- White plastic shell



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SN ID	Sample No.	SGS Sample ID	Description
SN50	A50	CAN23-0148856-0001.C050	Intenso WHITEBUDS T302A- White plastic cover
SN51	A51	CAN23-0148856-0001.C051	Intenso WHITEBUDS T302A- Silvery surfaced plastic part
SN52	A52	CAN23-0148856-0001.C052	Intenso WHITEBUDS T302A- White plastic part
SN53	A53	CAN23-0148856-0001.C053	Intenso WHITEBUDS T302A- White rubber part
SN54	A54	CAN23-0148856-0001.C054	Intenso WHITEBUDS T302A- White plastic cover with black printing
SN55	A55	CAN23-0148856-0001.C055	Intenso WHITEBUDS T302A- White plastic cover
SN56	A56	CAN23-0148856-0001.C056	Intenso WHITEBUDS T302A- White plastic shell



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**Verification Result(s):**

In accordance with the result of material risk assessment, the following disjointed parts in the submitted sample have been verified. (Unless otherwise specified, the unit is mg/kg).

Test Item(s)	A1	A2	A3	A4	A5	A6	A7	A8
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	ND	ND	BL	ND	BL
PBBs	BL	BL	BL	BL	---	BL	---	BL
PBDEs	BL	BL	BL	BL	---	BL	---	BL
DBP	BL	BL	BL	---	---	BL	---	ND
BBP	BL	BL	BL	---	---	BL	---	ND
DEHP	BL	BL	BL	---	---	BL	---	ND
DIBP	BL	BL	BL	---	---	BL	---	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A9	A10	A11	A12	A13	A14	A15	A16
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	ND	BL	BL	BL	BL	BL	BL	BL
PBBs	---	BL	---	BL	---	---	ND	---
PBDEs	---	BL	---	BL	---	---	ND	---
DBP	---	BL	---	BL	---	---	ND	---
BBP	---	BL	---	BL	---	---	ND	---
DEHP	---	BL	---	BL	---	---	ND	---
DIBP	---	BL	---	BL	---	---	ND	---
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A17	A18	A19	A20	A21	A22	A23	A24
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	ND
PBBs	BL	BL	BL	BL	BL	BL	---	---
PBDEs	BL	BL	BL	BL	BL	BL	---	---
DBP	ND	BL	BL	BL	ND	ND	---	---
BBP	ND	BL	BL	BL	ND	ND	---	---
DEHP	ND	BL	BL	BL	ND	ND	---	---
DIBP	ND	BL	BL	BL	ND	ND	---	---
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A25	A26	A27	A28	A29	A30	A31	A32
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	ND	ND	BL	BL	BL	BL	BL



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Test Item(s)	A25	A26	A27	A28	A29	A30	A31	A32
PBBs	---	---	BL	ND	---	ND	BL	---
PBDEs	---	---	BL	ND	---	ND	BL	---
DBP	---	---	---	ND	---	ND	ND	---
BBP	---	---	---	ND	---	ND	ND	---
DEHP	---	---	---	ND	---	ND	ND	---
DIBP	---	---	---	ND	---	ND	ND	---
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A33	A34	A35	A36	A37	A38	A39	A40
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	ND	BL	BL	BL
PBBs	ND	BL	BL	---	---	BL	BL	BL
PBDEs	ND	BL	BL	---	---	BL	BL	BL
DBP	ND	ND	ND	---	---	ND	ND	ND
BBP	ND	ND	ND	---	---	ND	ND	ND
DEHP	ND	ND	ND	---	---	ND	ND	ND
DIBP	ND	ND	ND	---	---	ND	ND	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A41	A42	A43	A44	A45	A46	A47	A48
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	ND	BL	BL	BL	BL	BL
PBBs	BL	---	---	---	BL	ND	---	---
PBDEs	BL	---	---	---	BL	ND	---	---
DBP	BL	---	---	---	BL	ND	---	---
BBP	BL	---	---	---	BL	ND	---	---
DEHP	BL	---	---	---	BL	ND	---	---
DIBP	BL	---	---	---	BL	ND	---	---
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A49	A50	A51	A52	A53	A54	A55	A56
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBBs	BL	BL	BL	BL	BL	BL	BL	BL
PBDEs	BL	BL	BL	BL	BL	BL	BL	BL
DBP	BL	BL	BL	BL	ND	BL	BL	BL
BBP	BL	BL	BL	BL	ND	BL	BL	BL
DEHP	BL	BL	BL	BL	ND	BL	BL	BL
DIBP	BL	BL	BL	BL	ND	BL	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS



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**Notes:**

(1) Interpretation of screening results by X-ray fluorescence spectrometry (XRF):

(a) Screening limits in mg/kg for regulated elements in various matrices according to IEC 62321-1:2013 Annex A as below table.

Element	Polymer	Metal	Composite Materials
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Br	$BL \leq (300-3\sigma) < X$	Not applicable	$BL \leq (250-3\sigma) < X$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$

(b) If the maximum allowed level restricts PBB/PBDE and Cr(VI) rather than Br and Cr, the exceptions are the XRF determinations of Br and Cr. If the quantitative results for the elements Br and/or Cr are higher than the limit (for Br calculated based on the stoichiometry of Br in the most common congeners of PBB/PBDE), the sample is "inconclusive".

(c) Results are obtained by EDXRF for primary screening, LOD = Limit of Detection, BL = Below Limit, OL = Over Limit, IN (The symbol X marks the region) = Inconclusive, where further investigation is necessary, and further chemical testing by ICP-OES (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBBs/PBDEs) are recommended to be performed.

(d) The EDXRF screening test for RoHS elements – The reading may be different to the actual content in the sample be of non-uniformity composition.

(2) Screening results of Phthalates (PHTH) are for primary screening, and further chemical testing by GC-MS (for DBP, BBP, DEHP and DIBP) are recommended to be performed if the concentration exceeds the below warning value (unit: mg/kg).

Test Items	CAS No.	Polymer/ Composite Materials
Dibutyl Phthalate (DBP)	84-74-2	$BL \leq 600 < X$
Benzylbutyl Phthalate (BBP)	85-68-7	$BL \leq 600 < X$
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	$BL \leq 600 < X$
Diisobutyl Phthalate (DIBP)	84-69-5	$BL \leq 600 < X$

(3) Interpretation of results by chemical tests:

(a) mg/kg = 0.0001%, MDL = Method detection Limit, ND = Not Detected (<MDL), --- = Not Applicable.

(b) Unit and MDL in wet chemical test

Test Items	Pb	Cd	Hg	DBP	BBP	DEHP	DIBP
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MDL	10	10	10	100	100	100	100

The MDL for single compound of PBBs and PBDEs is 100 mg/kg,

MDL of Cr(VI) for polymer, composite and leather sample is 10 mg/kg.

MDL of Cr(VI) for metal sample is 0.10  $\mu\text{g}/\text{cm}^2$ .

(c) ▼ = Metal sample

a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13  $\mu\text{g}/\text{cm}^2$ . The sample coating is considered to contain Cr(VI).

b. The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10  $\mu\text{g}/\text{cm}^2$ ). The coating is considered a non-Cr(VI) based coating

c. The result between 0.10  $\mu\text{g}/\text{cm}^2$  and 0.13  $\mu\text{g}/\text{cm}^2$  is considered to be inconclusive-unavoidable coating variations may influence the determination



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Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

- (4) Restricted substances and maximum concentration values tolerated by weight in homogeneous materials under RoHS Directive: Cd: 0.01%, Pb/Hg/Cr(VI)/PBBs/PBDEs/DEHP/DBP/BBP/DIBP: 0.1%. The limit is quoted from RoHS Directive (EU) 2015/863.
- (5) IEC 62321 series is equivalent to EN 62321 series.
- (6) According to the declaration from applicant, the materials of other parts in Model "Intenso WHITEBUDS T302A" are the same as those in Model "Intenso BLACKBUDS T300A", and the results of Model "Intenso BLACKBUDS T300A" for support the results of other parts in Model "Intenso WHITEBUDS T302A". The applicant will take the responsibility of all discrepancy and risk.
- (7) Results & Photos of this report refer to verification report CANEC23014885601.

The location of performance of the laboratory activities: A. No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong; B. Room 101, Building 3, No.1501, Kaichuang Avenue, Huangpu District, Guangzhou, Guangdong

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ( $w=0$ ) stated in ILAC-G8:09/2019.



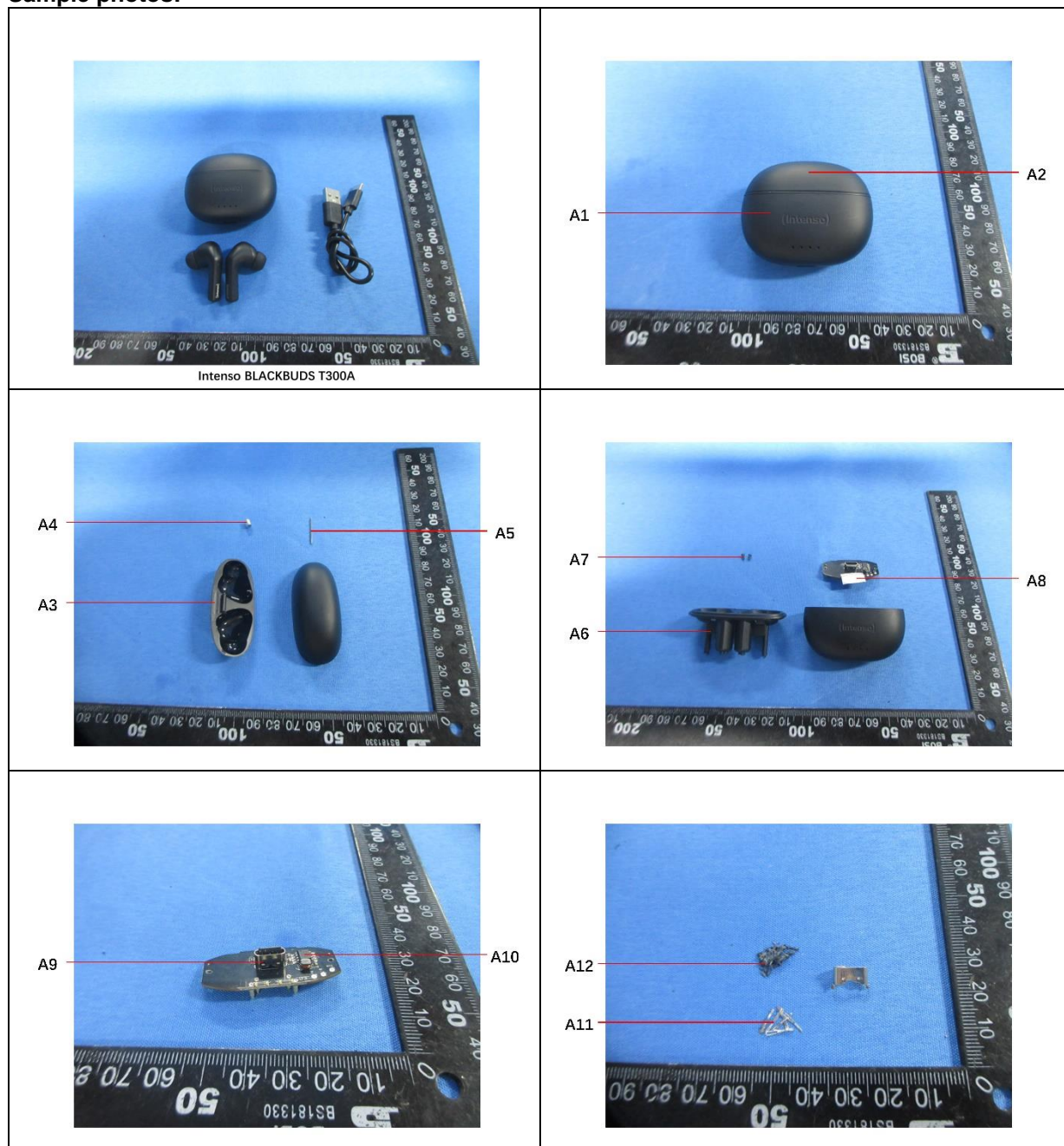
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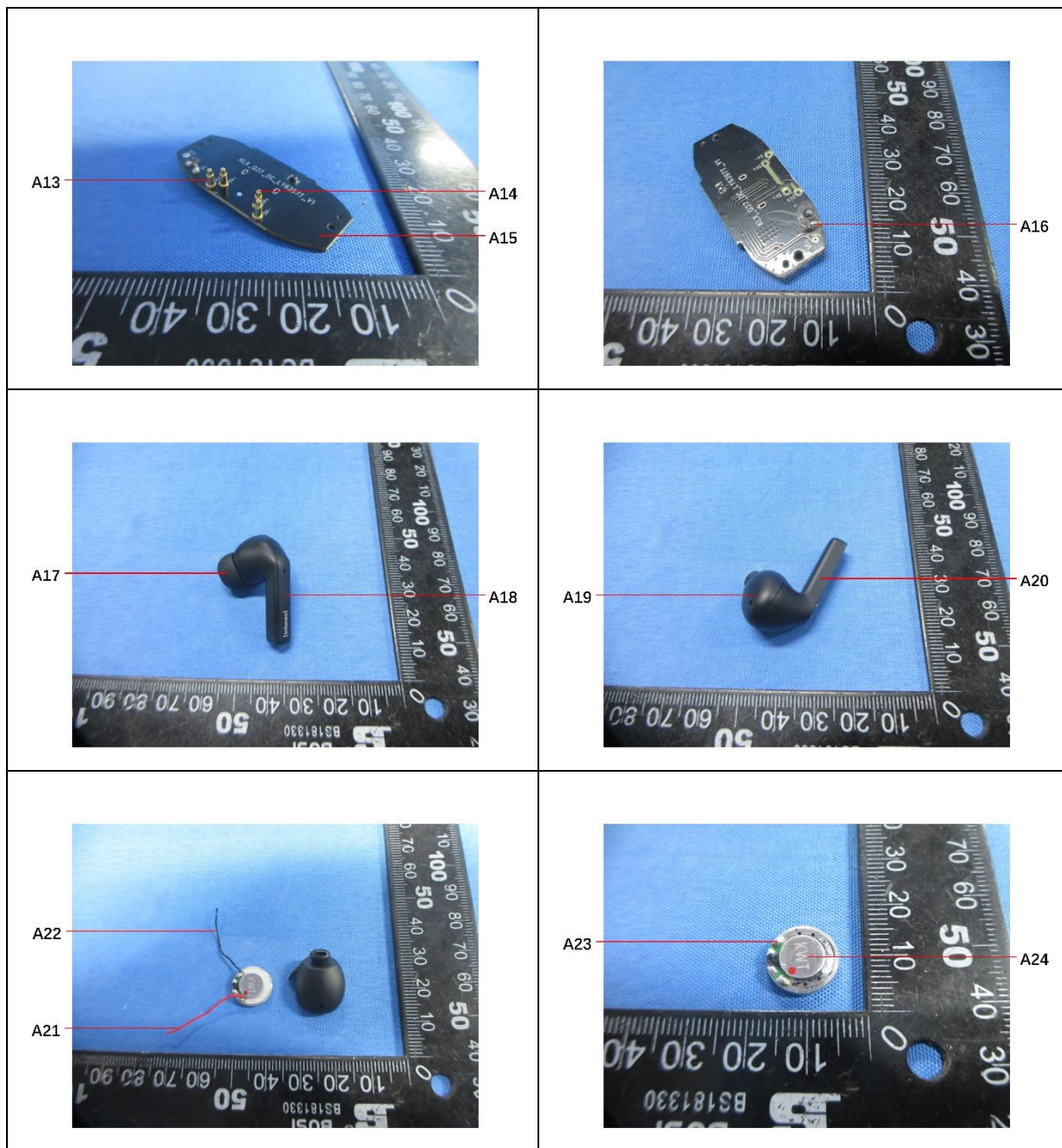
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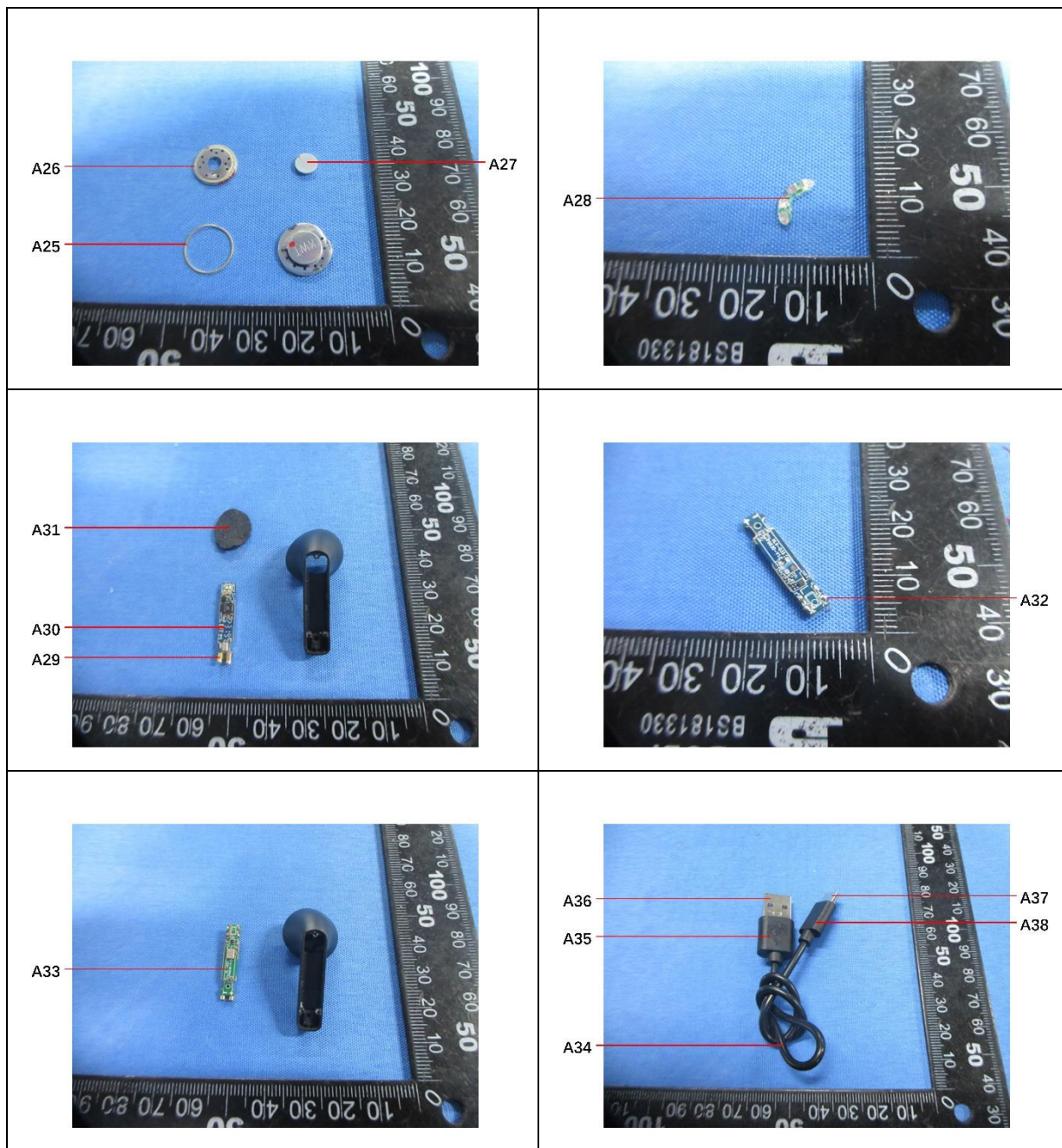
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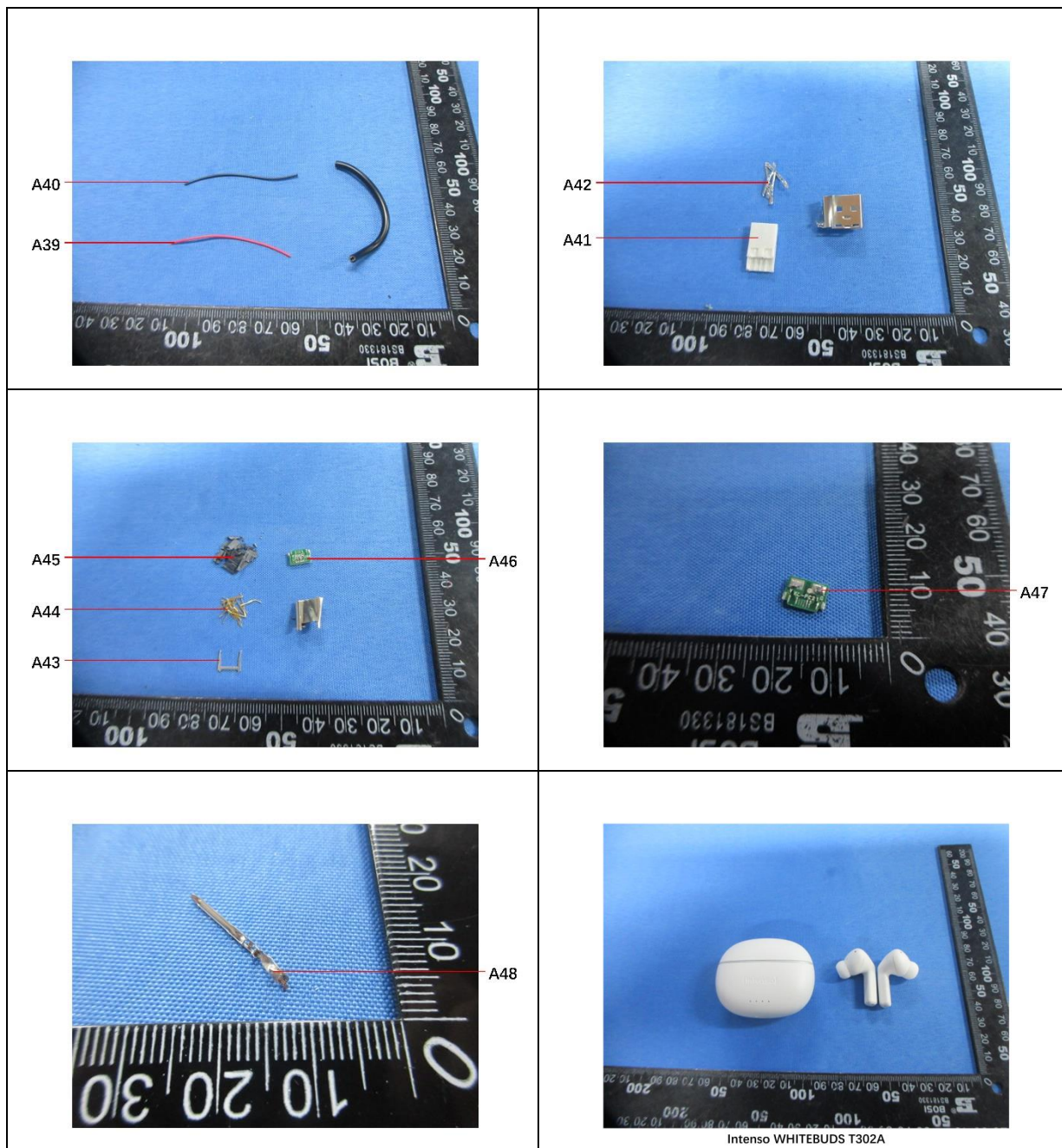


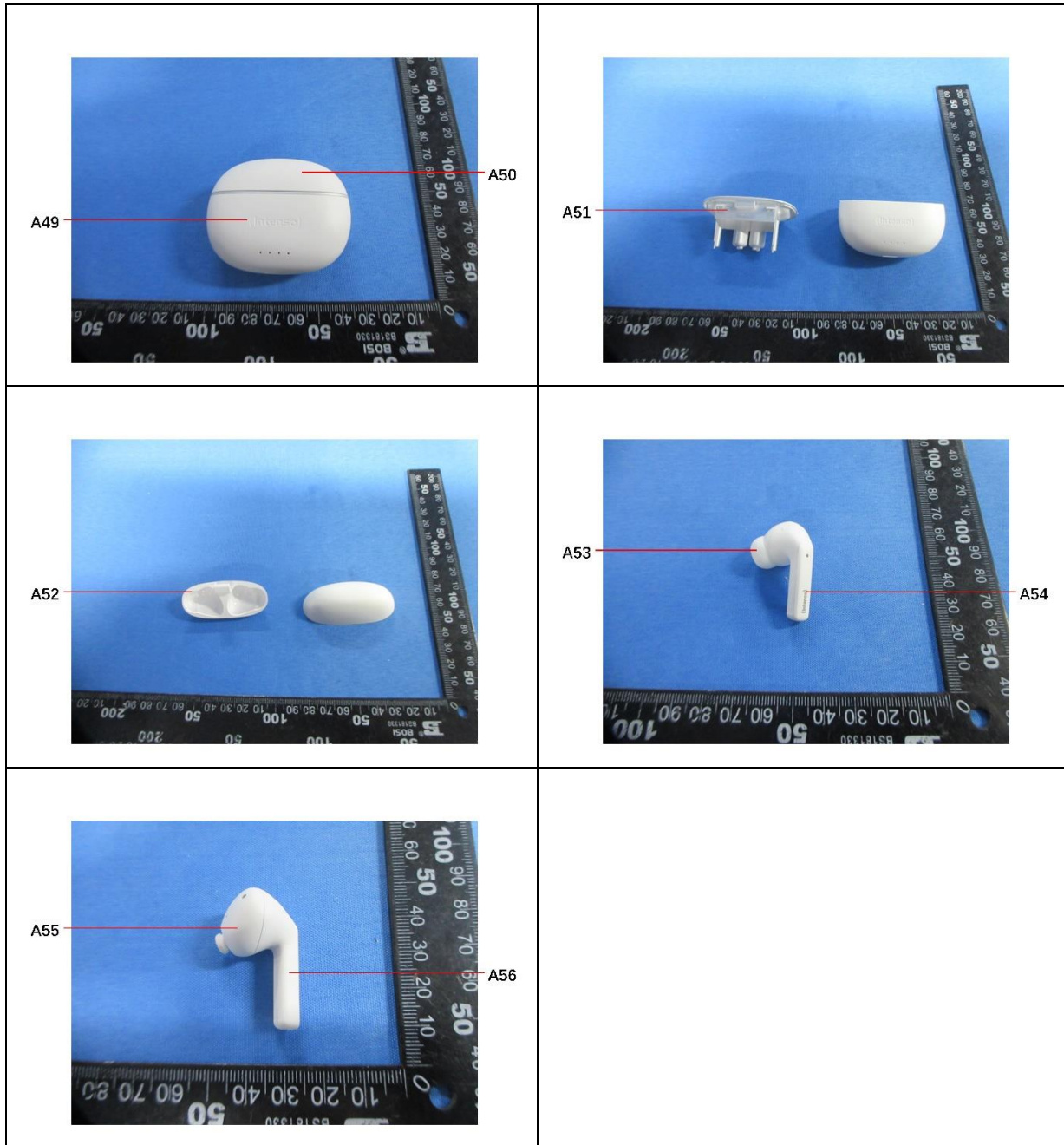












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\*\*\* End of Report \*\*\*



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