

# TEST REPORT

**Applicant:** MEIZU TECHNOLOGY CO., LTD  
**Address:** MEIZU Tech Bldg, Technology & Innovation Coast,  
Zhuhai, 519085, Guangdong, China  
**Equipment Type:** Mobile Phone  
**Model Name:** M512H  
**Brand Name:** MEIZU  
**Test Standard:** IEC 60529:1989+A1:1999 +A2:2013  
**Sample Arrival Date:** Feb. 28, 2025  
**Test Date:** Feb. 28, 2025 - Apr. 23, 2025  
**Date of Issue:** May 23, 2025

## ISSUED BY:

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**Revision History**

| Version        | Issue Date          | Revisions            |
|----------------|---------------------|----------------------|
| <u>Rev. 01</u> | <u>May 23, 2025</u> | <u>Initial Issue</u> |

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## 1. ADMINISTRATIVE DATA (GENERAL INFORMATION)

### 1.1 Identification of the Testing Laboratory

|              |                                                                                                                   |
|--------------|-------------------------------------------------------------------------------------------------------------------|
| Company Name | Shenzhen BALUN Technology Co., Ltd.                                                                               |
| Address      | Block B, 1/F, Baisha Science and Technology Park, Shahe West Road, Nanshan District, ShenZhen, Guangdong Province |
| Phone Number | +86 755 6685 0100                                                                                                 |
| Fax Number   | +86 755 6182 4271                                                                                                 |

### 1.2 Identification of the Responsible Testing Location

|               |                                                                                                                                                                                                  |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Location | Shenzhen BALUN Technology Co., Ltd.                                                                                                                                                              |
| Address       | Block B, 1/F, Baisha Science and Technology Park, Shahe West Road, Nanshan District, ShenZhen, Guangdong Province                                                                                |
| Description   | All measurement facilities used to collect the measurement data are located at Block B, 1/F, Baisha Science and Technology Park, Shahe West Road, Nanshan District, ShenZhen, Guangdong Province |

### 1.3 Laboratory Condition

|                           |                  |
|---------------------------|------------------|
| Ambient Temperature       | 20°C to 25°C     |
| Ambient Relative Humidity | 45% to 75%       |
| Ambient Pressure          | 100kPa to 102kPa |

## 2. PRODUCT INFORMATION

### 2.1 Applicant Information

|           |                                                                                  |
|-----------|----------------------------------------------------------------------------------|
| Applicant | MEIZU TECHNOLOGY CO., LTD                                                        |
| Address   | MEIZU Tech Bldg, Technology & Innovation Coast, Zhuhai, 519085, Guangdong, China |

### 2.2 Manufacturer Information

|              |                                                                                  |
|--------------|----------------------------------------------------------------------------------|
| Manufacturer | MEIZU TECHNOLOGY CO., LTD                                                        |
| Address      | MEIZU Tech Bldg, Technology & Innovation Coast, Zhuhai, 519085, Guangdong, China |

### 2.3 General Description for Equipment under Test (EUT)

|                                           |                                                                                                                         |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| EUT Type                                  | Mobile Phone                                                                                                            |
| Brand Name                                | MEIZU                                                                                                                   |
| Model Name                                | M512H                                                                                                                   |
| Series Model                              | /                                                                                                                       |
| Description of Model name differentiation | /                                                                                                                       |
| EUT Remarks                               | There were 2 test samples, which remained intact before the test.<br>Sample number: SC-SZ2520472-S08, SC-SZ2520472-S09. |

### 2.4 Ancillary Equipment

N/A

### 3. SUMMARY OF TEST RESULTS

#### 3.1 Test Standards

| No. | Identity                           | Document Title                                         |
|-----|------------------------------------|--------------------------------------------------------|
| 1   | IEC 60529:1989+A1:1999<br>+A2:2013 | Degrees of protection provided by enclosures (IP code) |

#### 3.2 Possible test case verdict

|                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Possible test case verdicts:                                                                                                                                              |
| According to IEC 60529:1989+A1:1999 +A2:2013, EUT subjected to following test:<br>- Level 5 for Dust proof (IP5X)<br>- Level 4 for water proof (IPX4)<br>See TEST RESULT. |
| Possible test case verdicts:                                                                                                                                              |
| -test case does not apply to the test object...: N/A<br>-test object does meet the requirement.....: P(Pass)<br>-test object does not meet the requirement...: F(Fail)    |
| Note: This product is available in multiple colors (with the same material).                                                                                              |

## 4. GENERAL TEST CONFIGURATIONS

### 4.1 Test Environments

|                   |                |
|-------------------|----------------|
| Temperature       | 20.0-25.0°C    |
| Relative Humidity | 45%-75% RH     |
| Air Pressure      | 100.0-102.0kPa |

### 4.2 Test Equipment List

| No. | Description                | Model  | Equipment No  | Cal. Date  | Cal. Due   |
|-----|----------------------------|--------|---------------|------------|------------|
| 1   | Atmospheric pressure gauge | /      | BZ-SFT-L191   | 2025.01.23 | 2026.01.13 |
| 2   | Temperature Meter          | RC-4   | BZ-SFT-L211   | 2024.12.26 | 2025.12.25 |
| 3   | Sand dust test chamber     | SC-500 | BZ-KKX-L010   | 2024.09.02 | 2025.09.01 |
| 4   | Pendulum tube test device  | BL     | BZ-KKX-L007-1 | 2025.02.27 | 2026.02.26 |

### 4.3 Test Configurations

N/A

## 5. TEST RESULT

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| <b>Table 1</b>      | <b>Level 5 for Dust proof (IP5X)</b>                                                                                                                                                                                                                                                                                                                                                                             | <b>P</b> |
| Sample number       | SC-SZ2520472-S08                                                                                                                                                                                                                                                                                                                                                                                                 |          |
| Test Procedure      | Test is under testing sample's situation and IEC 60529:1989+A1:1999 +A2:2013 clause 13.4, 13.5.                                                                                                                                                                                                                                                                                                                  |          |
| Acceptance criteria | The protection is satisfactory if, on inspection, talcum powder has not accumulated in a quantity or location such that, as with any other kind of dust, it could interfere with the correct operation of the equipment or impair safety. Except for special cases to be clearly specified in the relevant product standard, no dust shall deposit where it could lead to tracking along the creepage distances. |          |
| Test Results        | After the test, no dust has entered. furthermore, a test instrument with a diameter of 1mm cannot penetrate any openings in the shell, and the test results are deemed satisfactory.                                                                                                                                                                                                                             |          |
| Test photos         | <br>Photo during test <div> <br/>           Verifying photo 1 after test           <br/>           Verifying photo 2 after test         </div>         |          |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| <b>Table 2</b>      | <b>Level 4 for water proof (IPX4)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>P</b> |
| Sample number       | SC-SZ2520472-S09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |
| Test Procedure      | Test is under testing sample's situation and IEC 60529:1989+A1:1999 +A2:2013 clause 14.2.4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |
| Acceptance criteria | <p>The protection is satisfactory if no deposit of water is observable inside the enclosure at the end of the test.</p> <p>In general, if any water has entered, it shall not:</p> <ul style="list-style-type: none"> <li>a) Be insufficient to interfere with the correct operation of the equipment or impair safety.</li> <li>b) Deposit on insulation parts where it could lead to tracking along the creepage distances.</li> <li>c) Reach live parts or windings not designed to operate when wet.</li> <li>d) Accumulate near the cable end or enter the cable if any.</li> </ul> |          |
| Test Results        | After the test, Water has entered and meets the above conditions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |

|             |                                                                                    |                                                                                     |
|-------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Test photos |   |   |
|             | Photo during test                                                                  | Verifying photo 1 after test                                                        |
|             |  |  |
|             | Verifying photo 2 after test                                                       | Verifying photo 3 after test                                                        |

## 6. EUT PHOTO

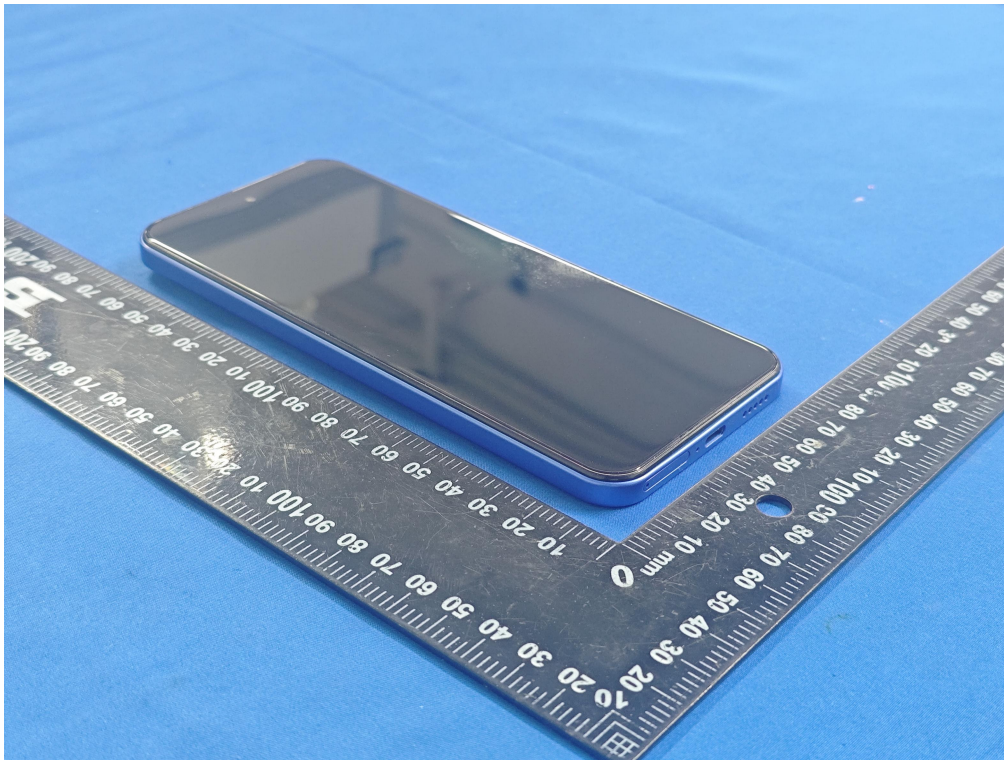


Photo 1 Appearance of the EUT

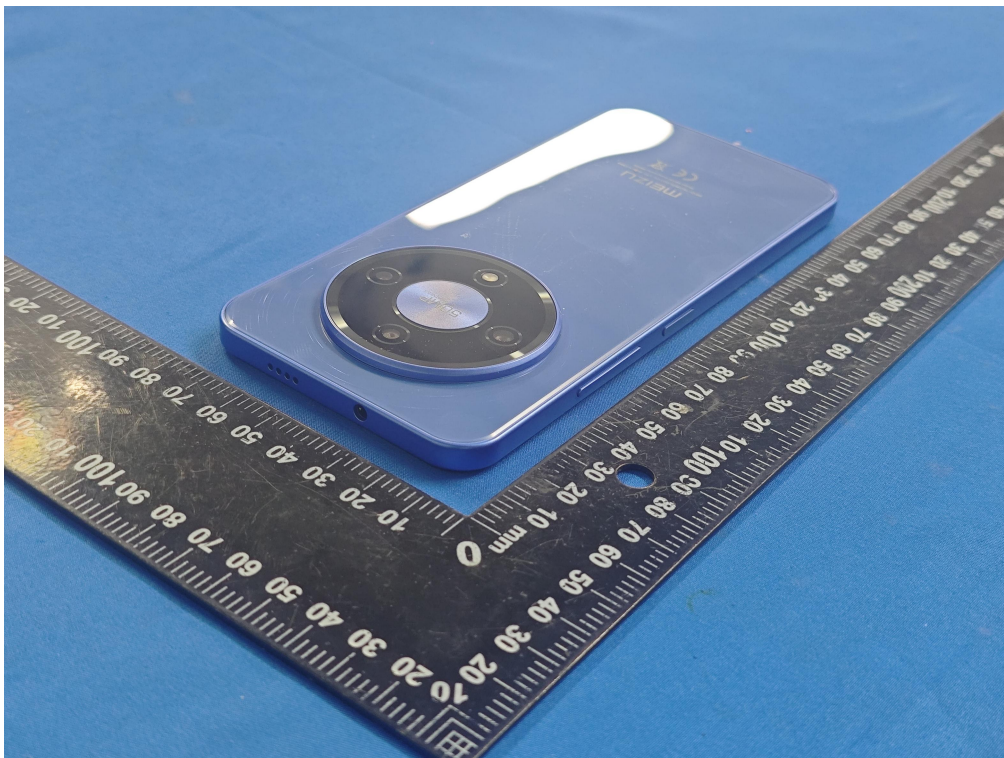


Photo 2 Appearance of the EUT

## Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
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4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the "inspection and testing dedicated stamp" or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
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7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--