

# FCC RF Test Report

APPLICANT : vivo Mobile Communication Co., Ltd.  
EQUIPMENT : Mobile Phone  
BRAND NAME : vivo  
MODEL NAME : V2242  
FCC ID : 2AUCY-V2242  
STANDARD : FCC 47 CFR Part 25  
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)

We, Sporton International Inc. (ShenZhen), would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (ShenZhen), the test report shall not be reproduced except in full.

*Fly Liang*

Approved by: Fly Liang



**Sporton International Inc. (ShenZhen)**

**1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055**

**People's Republic of China**



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## REVISION HISTORY

| REPORT NO.  | VERSION | DESCRIPTION             | ISSUED DATE  |
|-------------|---------|-------------------------|--------------|
| FG311104-01 | Rev. 01 | Initial issue of report | May 08, 2025 |
|             |         |                         |              |
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**Conformity Assessment Condition:**

The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.

**Disclaimer:**

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

## 1 General Description

### 1.1 Applicant

vivo Mobile Communication Co., Ltd.

No.1, vivo Road, Chang'an, Dongguan, Guangdong, China

### 1.2 Manufacturer

vivo Mobile Communication Co., Ltd.

No.1, vivo Road, Chang'an, Dongguan, Guangdong, China

### 1.3 Product Feature of Equipment Under Test

| Product Feature |                            |
|-----------------|----------------------------|
| Equipment       | Mobile Phone               |
| Brand Name      | vivo                       |
| Model Name      | V2242                      |
| FCC ID          | 2AUCY-V2242                |
| HW Version      | MP_0.1                     |
| SW Version      | PD2268F_EX_A_15.2.13.0.W30 |
| EUT Stage       | Production Unit            |

### 1.4 Modification of EUT

No modifications are made to the EUT during all test items.

### 1.5 Testing Location

Sporton International Inc. (Shenzhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

|                    |                                                                                                                                                                                                                 |                     |                                |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------|
| Test Firm          | Sporton International Inc. (Shenzhen)                                                                                                                                                                           |                     |                                |
| Test Site Location | 101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China<br>TEL: +86-755-86066985 |                     |                                |
| Test Site No.      | Sporton Site No.                                                                                                                                                                                                | FCC Designation No. | FCC Test Firm Registration No. |
|                    | TH01-SZ<br>03CH04-SZ                                                                                                                                                                                            | CN1256              | 421272                         |

## 1.6 Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ ANSI C63.26-2015
- ♦ FCC 47 CFR Part 2, Part 24E
- ♦ FCC KDB 273109 D02 Part 25 SCS and SMRS-Bands v01r01

**Remark:** All the test items were validated in accordance with the standards without any modification during the testing.

## 2 Supplemental Coverage from Space (SCS)

Under section § 25.109 (f) of the FCC rules Space and SCS earth stations providing SCS are subject to technical rules in parts 2, 24 of this chapter based on the operating frequency band. Section § 25.204 (g) specifies that earth stations providing SCS pursuant to §§ 25.125 and 25.115 shall comply with the power requirements and out-of-band emission limits corresponding to device's operating in parts 24 of this chapter (e.g., §§ 22.913, 24.232, 27.50), as required for their operating frequencies.

The table below identifies the SCS frequencies available for use and, for each band, the applicable FCC Part 24 technical requirements, the air interfaces supported by the device for SCS use and, in the final column, the reference to the test report containing the relevant test data showing compliance with the technical requirements.

The bands available for SCS and the bands supported by the device in the scope of this report are:

| Band                                                                                                                  | Frequency (MHz) |           | Rule Part | 3GPP Band | Supported | Reference test report showing compliance with 25.204(g) |
|-----------------------------------------------------------------------------------------------------------------------|-----------------|-----------|-----------|-----------|-----------|---------------------------------------------------------|
|                                                                                                                       | DL              | UL        |           |           |           |                                                         |
| <b>Broadband PCS</b>                                                                                                  | 1930-1990       | 1850-1910 | 24E       | 2         | Yes       | FG311104B                                               |
| <b>Note:</b> Test reports are for reference model FCC ID 2AUCY-V2242. The data is in the test report FG311104B (LTE). |                 |           |           |           |           |                                                         |

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