



# FCC RADIO TEST REPORT

FCC ID : A4RGBDU9  
Equipment : Wireless Device  
Model Name : GBDU9  
Applicant : Google LLC  
1600 Amphitheatre Parkway,  
Mountain View, California, 94043 USA  
Standard : FCC 47 CFR Part 25

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

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## History of this test report

| Report No. | Version | Description             | Issue Date    |
|------------|---------|-------------------------|---------------|
| FG4O2210   | 01      | Initial issue of report | Oct. 25, 2024 |
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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.

**Reviewed by: William Chen****Report Producer: Rebecca Wu**



# 1 General Description

## 1.1 Product Feature of Equipment Under Test

| Product Feature  |
|--|
| <b>General Specs</b><br>WCDMA/LTE, Bluetooth, BLE, BLE (CH2-76), Wi-Fi 2.4GHz 802.11b/g/n/ax, Wi-Fi 5GHz 802.11a/n/ac/ax, NFC, UWB, and GPS. |
| <b>Antenna Type</b><br>WWAN:<br><Ant.1>: PIFA Antenna<br><Ant.2>: Monopole Antenna   |

**Remark:** The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

## 1.2 Modification of EUT

No modifications made to the EUT during the testing.

## 1.3 Applicable Standards

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

- ♦ ANSI C63.26-2015
- ♦ FCC 47 CFR Part 2, Part 22H, Part 24E, Part 27, and Part 90R
- ♦ FCC KDB 273109 D02 Part 25 SCS and SMRS-Bands v01r01

**Remark:**

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.



## 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, 22, 24 and 27 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 22, 24, or 27 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 22, 24, 27, and 90R 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        |           |                    |           |   |
| 600MHz        | 614-652         | 663-698   | 27        | 71                 | Yes       | FG412509A<br>FG412509B                                  |
| 700MHz        | 729-746         | 699-716   | 27        | 12<br>17           | Yes       |   |
|               | 746-756         | 777-787   | 27        | 13                 | Yes       |   |
|               | 758-769         | 788-799   |           |                    | No        |   |
|               | 805-806         |           |           |                    | No        |   |
| 800MHz        | 869-894         | 824-849   | 22H       | WCDMA 5<br>5<br>26 | Yes       | FG412509A<br>FG412509B<br>FG412509C                     |
| Broadband PCS | 1930-1995       | 1850-1915 | 24E       | WCDMA 2<br>2<br>25 | Yes       |   |

————THE END————