

XIAOMI 2502FRA65G

Xiaomi Redmi Note 14S 4G LTE Smartphone User Manual

Model: 2502FRA65G

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Xiaomi Redmi Note 14S 4G LTE smartphone. Please read this guide thoroughly to ensure proper use and to maximize the device's capabilities. The Redmi Note 14S features a 6.67-inch AMOLED display, a 200MP AI camera system, and is powered by the Helio G99-Ultra processor. It operates on Hyper OS based on Android 14.

2. PACKAGE CONTENTS

Verify that your package contains the following items:

- Xiaomi Redmi Note 14S Smartphone
- USB Cable
- Wall Adapter
- Fast Car charger
- SIM Tray Ejector

3. DEVICE OVERVIEW

Familiarize yourself with the physical components of your Redmi Note 14S.



Image: Front and rear view of the Xiaomi Redmi Note 14S 4G LTE smartphone. The front displays a full-screen design with a punch-hole camera. The rear shows a prominent camera module with multiple lenses and the Redmi branding.

3.1 Key Features

- **Display:** 6.67" AMOLED, 120Hz refresh rate, Corning Gorilla Glass 5.
- **Processor:** Helio G99-Ultra Octa-core.
- **Rear Camera:** 200MP main camera with 3x lossless zoom, 2MP depth, 2MP macro.
- **Front Camera:** 20MP.
- **Battery:** 5000 mAh.
- **Operating System:** Hyper OS Based on Android 14.
- **Connectivity:** Dual SIM, 4G LTE, Wi-Fi, Bluetooth 5.3, NFC, GPS.

4. SETUP

4.1 Inserting the SIM Card

1. Locate the SIM card tray on the side of your device.
2. Insert the SIM tray ejector tool into the small hole next to the tray and press firmly until the tray pops out.
3. Place your Nano-SIM card(s) and/or a MicroSD card (if applicable, in the hybrid slot) into the tray with the gold contacts facing down.
4. Carefully reinsert the tray into the phone.

Note on Network Compatibility: In the USA market, this device is compatible with T-Mobile, Mint, Tello, or any carrier operating on the T-Mobile network. A pre-activated SIM card may be required. Outside the USA, it works with any GSM carrier SIM.

4.2 Initial Power-On and Setup

1. Press and hold the Power button until the Xiaomi logo appears.
2. Follow the on-screen instructions to select your language, region, connect to Wi-Fi, and set up your Google account.
3. Configure security features such as fingerprint unlock during the setup process.

4.3 Charging the Device

Connect the USB cable to the phone's charging port and the wall adapter. Plug the adapter into a power outlet. Use only the provided charger and cable for optimal performance and safety.

5. OPERATING INSTRUCTIONS

5.1 Display Features

- **AMOLED Display:** Experience vibrant colors and deep blacks on the 6.67-inch AMOLED screen with a resolution of 2400 x 1080.
- **High Refresh Rate:** The display supports up to a 120Hz refresh rate for smooth scrolling and animations.
- **Brightness:** Features 1800 nits peak brightness and HBM 1200 nits (typical) for clear visibility in various lighting conditions.
- **Corning Gorilla Glass 5:** Provides enhanced screen protection against scratches and drops.
- **Wet Touch Control:** Touch recognition functions accurately even with moisture or oil on the screen.

5.2 Camera Operation

The Redmi Note 14S is equipped with a versatile camera system.

- **200MP Main Camera:** Capture high-resolution images with the 200MP sensor. Features 3x lossless zoom for detailed shots.
- **RAW Domain Algorithm:** This algorithm enhances image detail retention, particularly in low-light conditions, for improved night photography.
- **Video Recording:** Supports 1080p at 60fps/30fps and 720p at 30fps for rear camera. The 20MP front camera records 1080p at 30fps and 720p at 30fps.

5.3 Connectivity

- **4G LTE:** Supports various 4G bands for reliable mobile data connectivity.
- **Wi-Fi:** Compatible with 802.11a/b/g/n/ac protocols, supporting 2.4GHz and 5GHz Wi-Fi, and Wi-Fi Direct.
- **Bluetooth 5.3:** For connecting wireless accessories.
- **NFC:** Enables contactless payments and quick pairing with compatible devices.

- **GPS:** Features L1 GPS, A-GPS, GLONASS (G1), BDS (B1I), and Galileo E1 for accurate positioning.

5.4 Security

The device includes a Fingerprint Sensor for secure and convenient unlocking.

5.5 Operating System

Your Redmi Note 14S runs on Hyper OS, based on Android 14. It includes features like Gemini Overlay for quick access to Gemini and context-aware assistance.

6. MAINTENANCE

6.1 Battery Care

- Avoid exposing the device to extreme temperatures.
- Do not fully discharge the battery regularly; partial charges are generally better for battery longevity.
- Use only official Xiaomi chargers and cables.

6.2 Software Updates

Regularly check for and install system updates to ensure your device has the latest features, security patches, and performance improvements. You can usually find this option in the device settings under "About phone" or "System updates."

6.3 Cleaning the Device

Use a soft, lint-free cloth to clean the screen and body of the phone. Avoid using harsh chemicals or abrasive materials. For stubborn smudges, a slightly damp cloth with water can be used, followed by immediate drying.

7. TROUBLESHOOTING

7.1 Common Issues and Solutions

- **Device not turning on:** Ensure the battery is charged. If it still doesn't turn on, try a forced restart by holding the power button for an extended period (e.g., 10-15 seconds).
- **Poor network signal:** Check if your SIM card is properly inserted. Ensure you are within network coverage. If in the USA, confirm your carrier is T-Mobile or a T-Mobile network partner.
- **Apps crashing:** Try clearing the cache of the problematic app or reinstalling it. Ensure your device's software is up to date.
- **Touchscreen unresponsive:** Restart the device. If the issue persists, consider a factory reset (back up your data first).

7.2 Certification Information

The device carries relevant certifications for various regions.



Certification

Model: 2502FRA65G

Europe



U.S.

FCC ID:2AFZZFRA65G

Ukraine



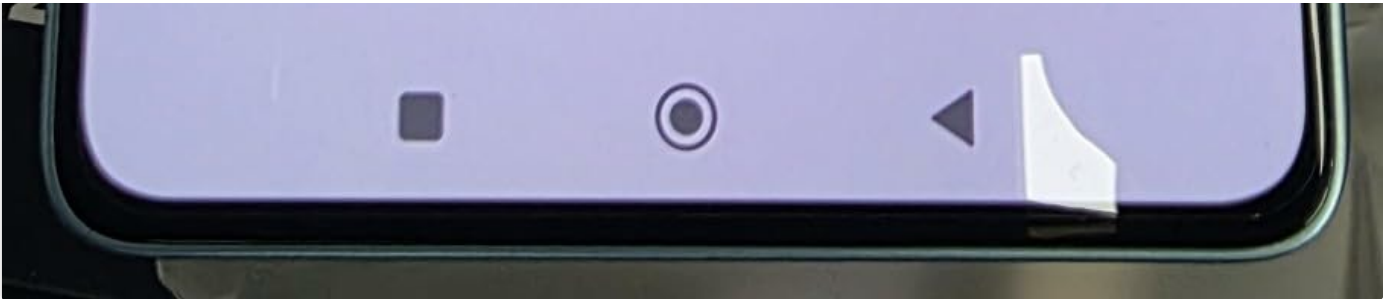


Image: A smartphone screen displaying certification information, including the model number 2502FRA65G and FCC ID 2AFZZFRA65G for the U.S. market.

8. SPECIFICATIONS

Feature	Specification
Model Name	Note 14S 4G
Item Model Number	2502FRA65G
Operating System	Hyper OS Based on Android 14
Display Size	6.67 Inches AMOLED
Display Resolution	2400 x 1080
Refresh Rate	Up to 120Hz
Processor	Helio G99-Ultra (Octa-core, up to 2.2GHz)
RAM	8 GB
Internal Storage	256 GB
Rear Camera	200MP + 2MP + 2MP
Front Camera	20MP
Battery Capacity	5000 mAh
Connectivity	4G LTE, Wi-Fi (802.11a/b/g/n/ac), Bluetooth 5.3, NFC, GPS
SIM Type	Dual SIM (SIM1 + Hybrid SIM/MicroSD)
Audio Jack	3.5 mm
Dimensions	5.91 x 3.94 x 5.91 inches
Item Weight	13 ounces
Color	Midnight Black
FCC ID	2AFZZFRA65G

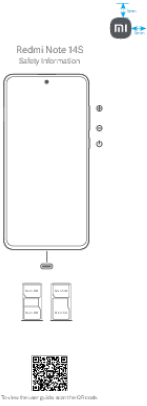
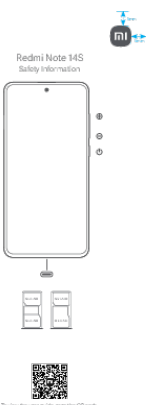
9. WARRANTY AND SUPPORT

Your Xiaomi Redmi Note 14S 4G LTE smartphone is covered by a manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions, including warranty period and coverage details. For technical support, service, or further inquiries, please visit the official Xiaomi support website or contact their customer service. Keep your proof of purchase for warranty claims.

Manufacturer: Xiaomi



Related Documents - 2502FRA65G

	Redmi Note 14S Safety Information Essential safety, regulatory, and RF exposure information for the Redmi Note 14S smartphone, covering EU and FCC compliance, SAR values, and safe usage guidelines.
	Redmi Note 14S Safety Information This document provides essential safety information and regulatory compliance details for the Redmi Note 14S mobile phone, including RF exposure guidelines, EU and FCC regulations, and important precautions for safe usage and charging.
	How to Enable VoLTE on Xiaomi Phones with TPG SIM A guide to manually enabling VoLTE (Voice over LTE) on Xiaomi phones using a TPG SIM card, covering both Qualcomm Snapdragon and MediaTek processors. Includes troubleshooting steps and a list of compatible Xiaomi models.



Redmi Note 14S

Інструкція з експлуатації



Скануйте QR-код, щоб отримати інструкцію з експлуатації

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Redmi Note 14S

Інструкція з експлуатації



Скануйте QR-код, щоб отримати інструкцію з експлуатації

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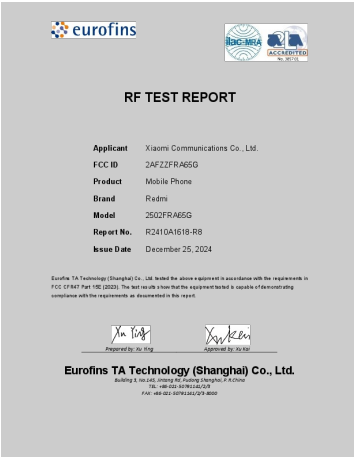
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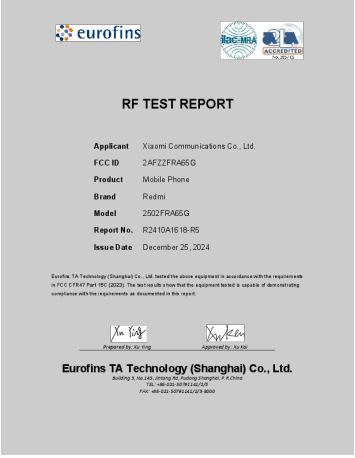
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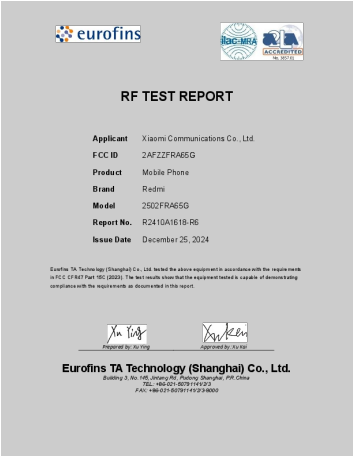


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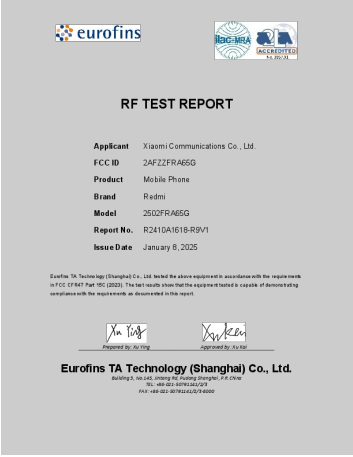


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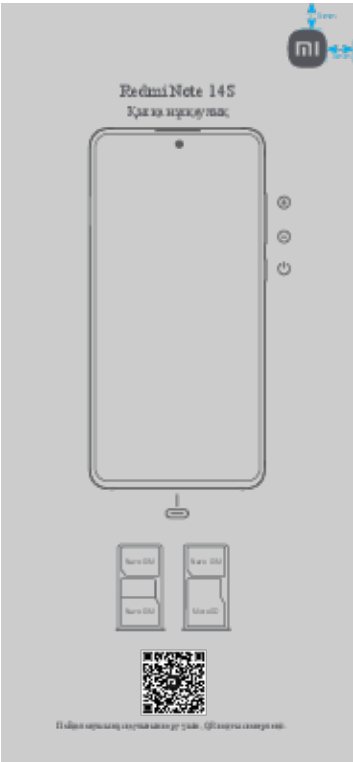


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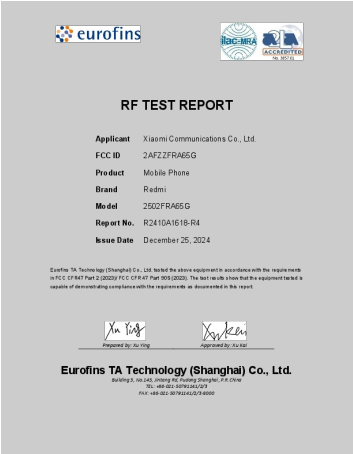
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RF TEST REPORT Applicant Xiaomi Communications Co., Ltd. FCC ID
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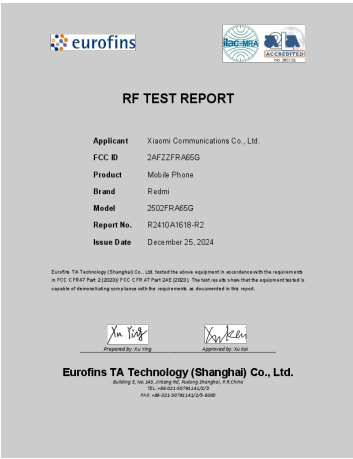
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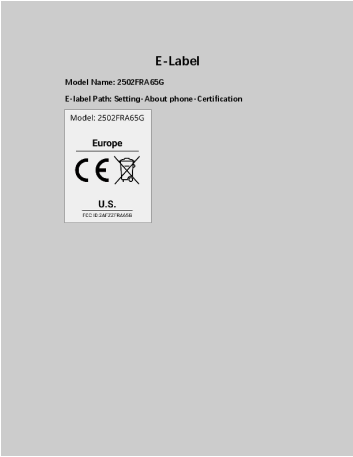
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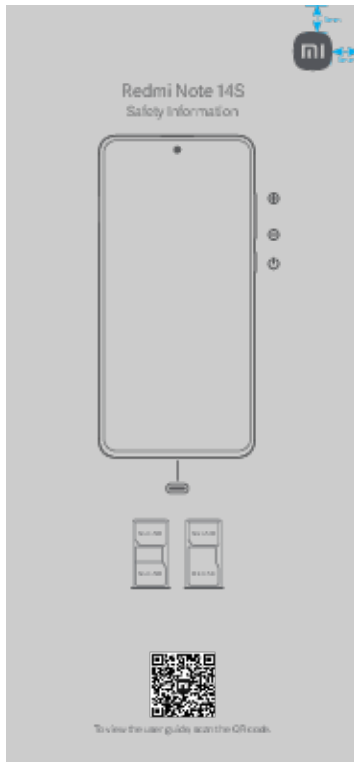
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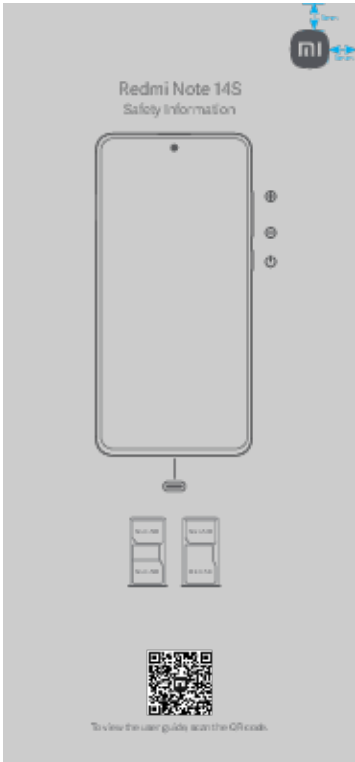
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[Redmi Note 14S Safety Information](#)

This document provides essential safety information and regulatory compliance details for the Redmi Note 14S mobile phone, including RF exposure guidelines, EU and FCC regulations, and important precautions for safe usage and charging.

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[Redmi Note 14S Safety Information](#)

Essential safety, regulatory, and RF exposure information for the Redmi Note 14S smartphone, covering EU and FCC compliance, SAR values, and safe usage guidelines.

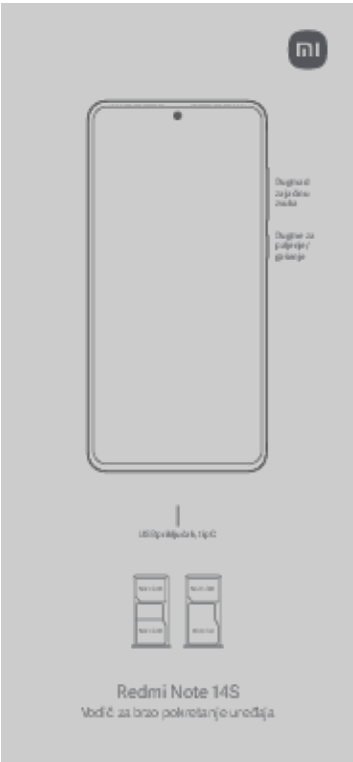
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FRA65G Mobile Phone 2AFZZFRA65G fra65g
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Xiaomi Communications Co., Ltd. 2AFZZFRA65G Mobile Phone Redmi
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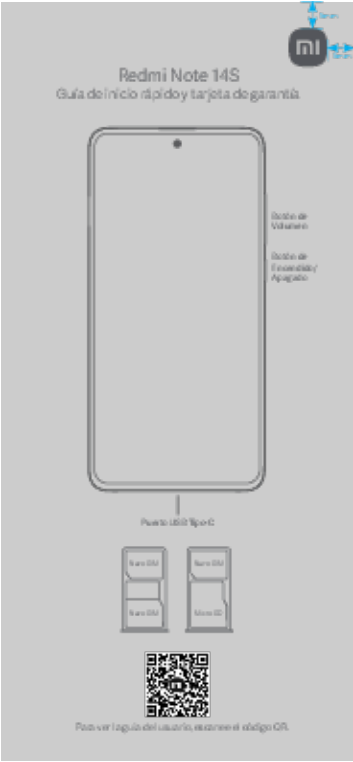
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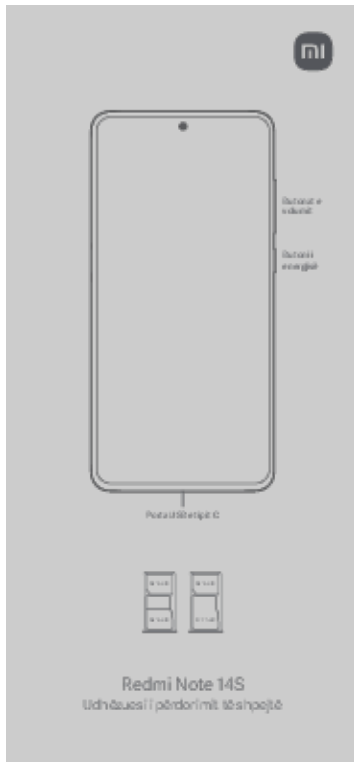
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[\[pdf\]](#) Frequently Asked Questions Guide

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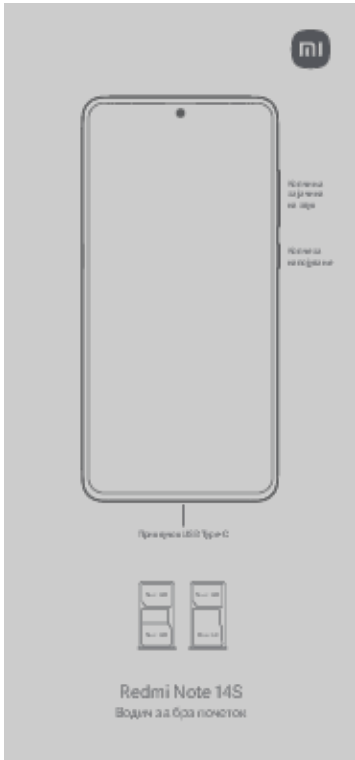
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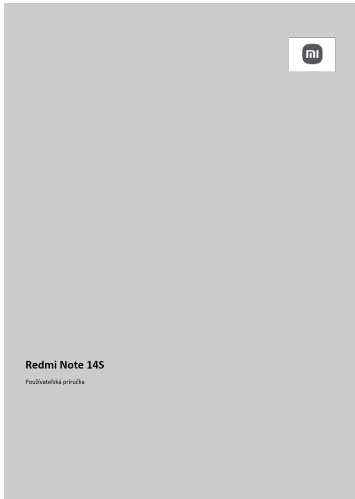
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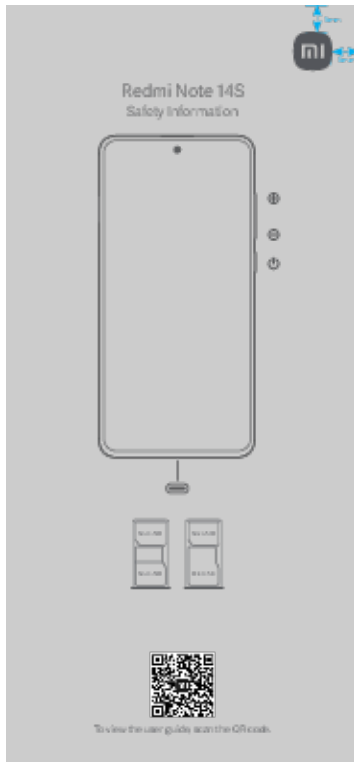
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GPRS / EDGE / UMTS / LTE s Bluetooth a Wi-Fi **2502FRA65G** je v slade so zkladnmi
poziadavkami a alsmi relevantnmi ustanoveniami smernice RE 2014/53...

lang:hr **score:17** filesize: 101.43 K page_count: 9 document date: 2025-03-05

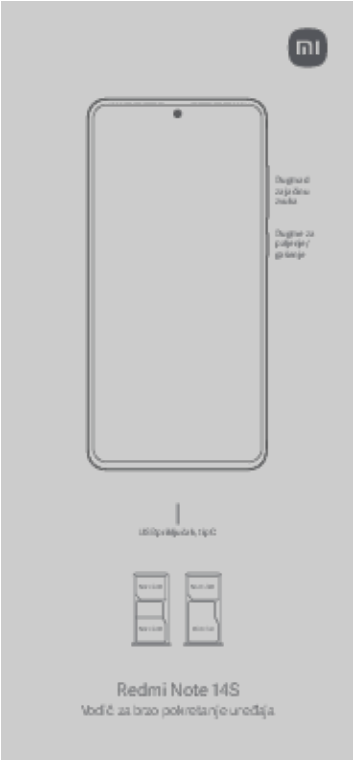


[\[pdf\]](#) Quick Start Guide Declaration of Conformity SAR Rating

N6R SI QSG 14 gl123 alsgp0 mi fds gl123 Redmi Note 14S |||

Redmi Note 14S Safety Information 5mm 5mm Nano-SIM Nano-SIM Nano-SIM Micro SD To view the use ... eby declares that this GSM / GPRS / EDGE / UMTS / LTE Digital Mobile Phone with Bluetooth and Wi-Fi **2502FRA65G** is in compliance with the essential requirements and other relevant provisions of the RE ...

lang:en score:17 filesize: 3.2 M page_count: 63 document date: 2025-05-07



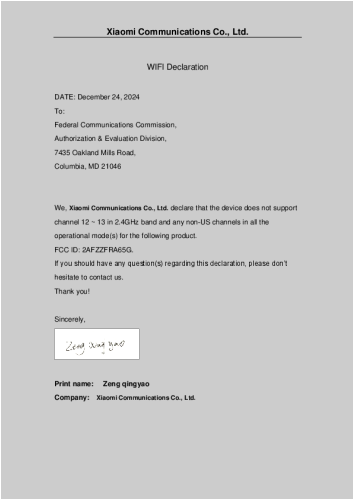
[pdf] Guide

N6R A 20241125gl123 alsqp0 mi fds gl123 Redmi Note 14S 20241125 GalaxyAccessKeyId

5151729087601 Expires 9223372036854775807 Signature 6m1BNUL pcdQMIFjj2mHcom9w |||

Dugmad za jacinu zvuka Dugme za paljenje/ gasenje USB prikljucak, tip C Nano-SIM Nano-SIM ... munications Co., Ltd. ovim izjavljuje da je ovaj GSM/GPRS/EDGE/ UMTS/LTE digitalni, mobilni telefon **2502FRA65G** sa mogunosu povezivanja preko Bluetooth i WiFi funkcije ispunjava osnovne uslove i druge ...

lang:hr score:17 filesize: 379.31 K page_count: 5 document date: 2025-01-15



[\[pdf\]](#) Decleration of Conformity

DELL 2502FRA65G WIFI Declaration Xiaomi Communications Co Ltd FRA65G Mobile Phone
2AFZZFRA65G fra65g

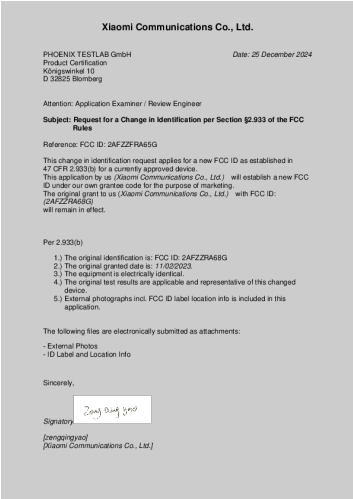
Xiaomi Communications Co., Ltd. WIFI Declaration DATE: December 24, 2024 To:
Federal Communications Commission, Authorization Evaluation Division, 7435
Oakland Mills Road, Columbia, MD 21046 We, Xiaomi Communications Co., Ltd.
declare that the device does not support channel 12 - 13 in 2.4GHz band...
lang:tl **score:17** filesize: 78.84 K page_count: 1 document date: 2024-12-25



[\[pdf\]](#)

10174761 2502FRA65G Agency Letter Xiaomi Communications Co Ltd FRA65G Mobile Phone
2AFZZFRA65G fra65g

Xiaomi Communications Co., Ltd. POWER OF ATTORNEY DATE: 12/24/2024 To:
Federal Communications Commission, Authorization Evaluation Division, 7435
Oakland Mills Road, Columbia, MD 21046 We, the undersigned, hereby authorize
Eurofins TA Technology Shanghai Co., Ltd. /Liu Mengting on our behalf, to...
lang:tl **score:16** filesize: 25.73 K page_count: 1 document date: 2024-12-25



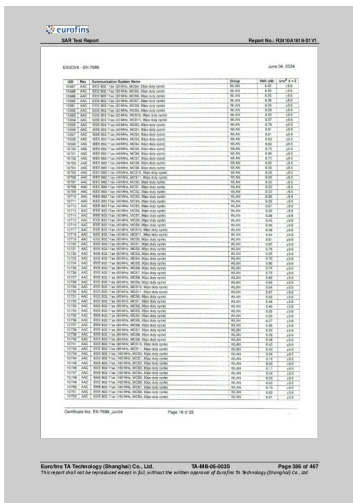
[\[pdf\]](#) Label

Standard Vorlage IS IT Professional Service 2502FRA65G ChangeInID Same Grantee Xiaomi
Communications Co Ltd FRA65G Mobile Phone 2AFZZFRA65G fra65g
Xiaomi Communications Co., Ltd. PHOENIX TESTLAB GmbH Product Certification
Knigswinkel 10 D 32825 Blomberg Date: 25 December 2024 Attention: Application
Examiner / Review Engineer Subject: Request for a Change in Identification per
Section 2.933 of the FCC Rules Reference: FCC ID: 2AFZZFRA65G Thi...
lang:en **score:16** filesize: 21.64 K page_count: 1 document date: 2024-12-25



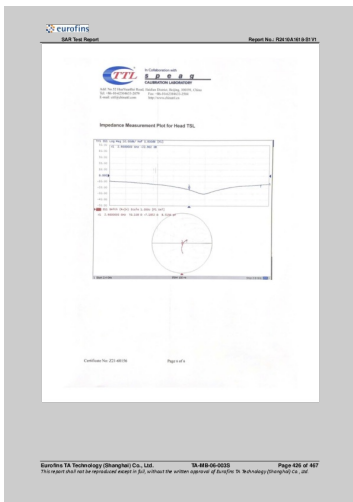
[pdf] Test Report SAR Rating

Untitled ANKTY R2410A1618 S1V1 2502FRA65G FCC part 1 Xiaomi Communications Co Ltd FRA65G
Mobile Phone 2AFZZFRA65G fra65g
SAR TEST REPORT Applicant Xiaomi Communications Co., Ltd. FCC ID
2AFZZFRA65G Product Mobile Phone Brand Redmi Model **2502FRA65G** Report No.
R2410A1618-S1V1 Issue Date January 8, 2025 Eurofins TA Technology Shanghai
Co., Ltd. tested the above equipment in accordance with the requirements ...
lang:en score:13 filesize: 5.14 M page_count: 280 document date: 2025-01-08



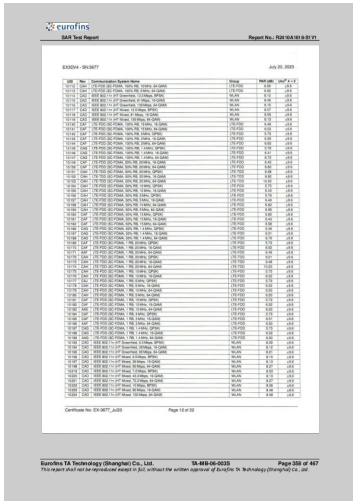
[pdf] Test Report SAR Rating

Untitled ANKTY R2410A1618 S1V1 2502FRA65G FCC part 4 Xiaomi Communications Co Ltd FRA65G
Mobile Phone 2AFZZFRA65G fra65g
SAR Test Report Report No.: R2410A1618-S1V1 Eurofins TA Technology Shanghai
Co., Ltd. TA-MB-06-003S Page 386 of 467 This report shall not be reproduced except
in full, without the written approval of Eurofins TA Technology Shanghai Co., Ltd. SAR
Test Report Report No.: R2410A1618-S1V1 E...
lang:en score:10 filesize: 5.13 M page_count: 40 document date: 2025-01-08



[pdf] Test Report SAR Rating

Untitled ANKTY R2410A1618 S1V1 2502FRA65G FCC part 5 Xiaomi Communications Co Ltd FRA65G
Mobile Phone 2AFZZFRA65G fra65g
SAR Test Report Report No.: R2410A1618-S1V1 Eurofins TA Technology Shanghai
Co., Ltd. TA-MB-06-003S Page 426 of 467 This report shall not be reproduced except
in full, without the written approval of Eurofins TA Technology Shanghai Co., Ltd. SAR
Test Report ANNEX M: D2600V2 Dipole Calibra...
lang:en score:10 filesize: 5.79 M page_count: 42 document date: 2025-01-08

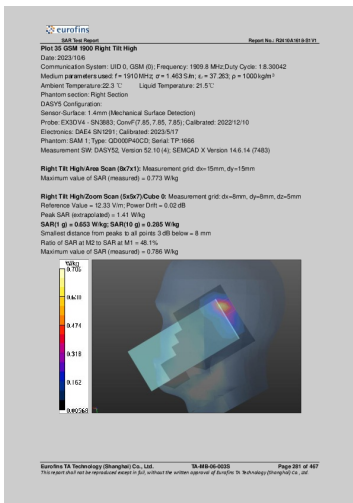


[\[pdf\]](#) Test Report SAR Rating

Untitled ANKTY R2410A1618 S1V1 2502FRA65G FCC part 3 Xiaomi Communications Co Ltd FRA65G Mobile Phone 2AFZZFRA65G fra65g

SAR Test Report Report No.: R2410A1618-S1V1 Eurofins TA Technology Shanghai Co., Ltd. TA-MB-06-003S Page 358 of 467 This report shall not be reproduced except in full, without the written approval of Eurofins TA Technology Shanghai Co., Ltd. SAR Test Report Report No.: R2410A1618-S1V1 E...

lang:en score:10 filesize: 5.54 M page_count: 28 document date: 2025-01-08

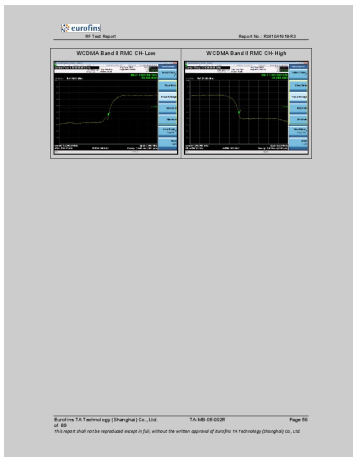


[\[pdf\]](#) Test Report SAR Rating

Untitled ANKTY R2410A1618 S1V1 2502FRA65G FCC part 2 Xiaomi Communications Co Ltd FRA65G Mobile Phone 2AFZZFRA65G fra65g

SAR Test Report Report No.: R2410A1618-S1V1 Plot 35 GSM 1900 Right Tilt High Date: 2023/10/6 Communication System: UID 0, GSM 0 ; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042 Medium parameters used: $f = 1910 \text{ MHz}$; $r = 1.463 \text{ S/m}$; $r = 37.263$; $= 1000 \text{ kg/m}^3$ Ambient Temperature:22.3 Liquid Tempera...

lang:en score:10 filesize: 4.67 M page_count: 77 document date: 2025-01-08



[\[pdf\]](#) Test Report

Microsoft Word R2410A1618 R2 2502FRA65G FCC Part24 TPW2 part 2 Xiaomi Communications Co Ltd FRA65G Mobile Phone 2AFZZFRA65G fra65g

RF Test Report WCDMA Band II RMC CH-Low Report No.: R2410A1618-R2 WCDMA Band II RMC CH-High Eurofins TA Technology Shanghai Co., Ltd. TA-MB-05-002R Page 56 of 89 This report shall not be reproduced except in full, without the written approval of Eurofins TA Technology Shanghai Co., Ltd. ...

lang:en score:9 filesize: 3.23 M page_count: 34 document date: 2024-12-25

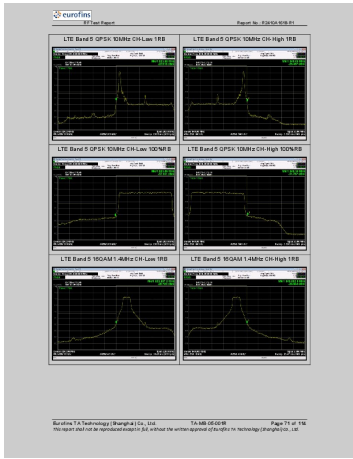


[\[pdf\]](#) Test Report

Microsoft Word R2410A1618 R3 2502FRA65G FCC Part27 TPW2 part 2 Xiaomi Communications Co Ltd FRA65G Mobile Phone 2AFZZFRA65G fra65g

RF Test Report LTE Band 12 64QAM 5MHz CH-Low Report No.: R2410A1618-R3 LTE Band 12 64QAM 10MHz CH-Low LTE Band 12 64QAM 5MHz CH-Middle LTE Band 12 64QAM 10MHz CH-Middle LTE Band 12 64QAM 5MHz CH-High LTE Band 12 64QAM 10MHz CH-High Eurofins TA Technology Shanghai Co., Ltd. TA-MB-05-003R Pa...

lang:en score:9 filesize: 5.53 M page_count: 27 document date: 2024-12-25



[pdf] Test Report

Microsoft Word R2410A1618 R1 2502FRA65G FCC Part22 TPW2 part 2 Xiaomi Communications Co Ltd
FRA65G Mobile Phone 2AFZZFRA65G fra65g

RF Test Report LTE Band 5 QPSK 10MHz CH-Low 1RB Report No.: R2410A1618-R1
LTE Band 5 QPSK 10MHz CH-High 1RB LTE Band 5 QPSK 10MHz CH-Low 100
RB LTE Band 5 QPSK 10MHz CH-High 100 RB LTE Band 5 16QAM 1.4MHz CH-Low
1RB LTE Band 5 16QAM 1.4MHz CH-High 1RB Eurofins TA Technology Shanghai
Co., Ltd...

lang:en score:9 filesize: 4.09 M page_count: 44 document date: 2024-12-25

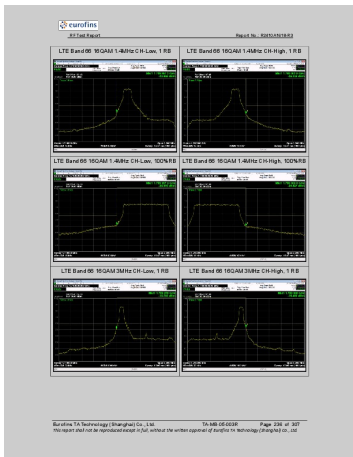


[pdf] Test Report

Microsoft Word R2410A1618 R3 2502FRA65G FCC Part27 TPW2 part 3 Xiaomi Communications Co Ltd
FRA65G Mobile Phone 2AFZZFRA65G fra65g

RF Test Report LTE Band 66 64QAM 15MHz CH-Low Report No.: R2410A1618-R3
LTE Band 66 64QAM 20MHz CH-Low LTE Band 66 64QAM 15MHz CH-Middle LTE
Band 66 64QAM 20MHz CH-Middle LTE Band 66 64QAM 15MHz CH-High LTE Band
66 64QAM 20MHz CH-High Eurofins TA Technology Shanghai Co., Ltd. TA-MB-05-
003R ...

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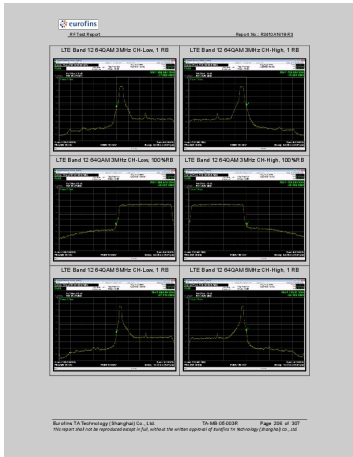


[pdf] Test Report

Microsoft Word R2410A1618 R3 2502FRA65G FCC Part27 TPW2 part 5 Xiaomi Communications Co Ltd
FRA65G Mobile Phone 2AFZZFRA65G fra65g

RF Test Report LTE Band 66 16QAM 1.4MHz CH-Low, 1 RB Report No.:
R2410A1618-R3 LTE Band 66 16QAM 1.4MHz CH-High, 1 RB LTE Band 66 16QAM
1.4MHz CH-Low, 100 RB LTE Band 66 16QAM 1.4MHz CH-High, 100 RB LTE Band
66 16QAM 3MHz CH-Low, 1 RB LTE Band 66 16QAM 3MHz CH-High, 1 RB Eurofins
TA Technology ...

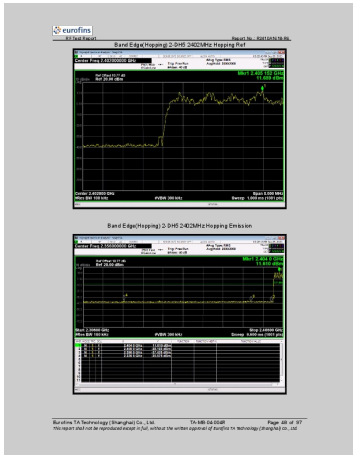
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[pdf] Test Report

Microsoft Word R2410A1618 R3 2502FRA65G FCC Part27 TPW2 part 4 Xiaomi Communications Co Ltd FRA65G Mobile Phone 2AFZZFRA65G fra65g
RF Test Report LTE Band 12 64QAM 3MHz CH-Low, 1 RB Report No.: R2410A1618-R3 LTE Band 12 64QAM 3MHz CH-High, 1 RB LTE Band 12 64QAM 3MHz CH-Low, 100 RB LTE Band 12 64QAM 3MHz CH-High, 100 RB LTE Band 12 64QAM 5MHz CH-Low, 1 RB LTE Band 12 64QAM 5MHz CH-High, 1 RB Eurofins TA Technology Shangha...

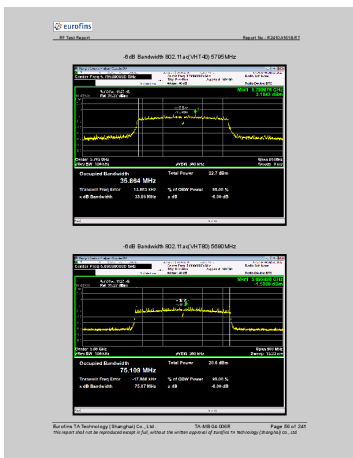
lang:en score:9 filesize: 4.41 M page_count: 30 document date: 2024-12-25



[pdf] Test Report

Microsoft Word R2410A1618 R6 2502FRA65G FCC Part15C BT TPW2 part 2 Xiaomi Communications Co Ltd FRA65G Mobile Phone 2AFZZFRA65G fra65g
RF Test Report Report No.: R2410A1618-R6 Band Edge Hopping 2-DH5 2402MHz Hopping Emission Ref Band Edge Hopping 2-DH5 2402MHz Hopping Emission Eurofins TA Technology Shanghai Co., Ltd. TA-MB-04-004R Page 48 of 97 This report shall not be reproduced except in full, without the written approval of Eu...

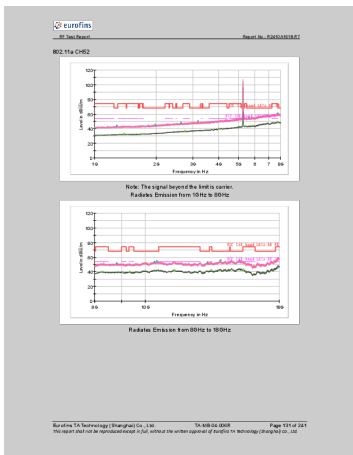
lang:en score:9 filesize: 4.67 M page_count: 50 document date: 2024-12-25



[pdf] Test Report

Microsoft Word R2410A1618 R7 2502FRA65G FCC Part15E WIFI 5G TPW2 part 2 Xiaomi Communications Co Ltd FRA65G Mobile Phone 2AFZZFRA65G fra65g
RF Test Report Report No.: R2410A1618-R7 -6dB Bandwidth 802.11ac VHT40 5795MHz -6dB Bandwidth 802.11ac VHT80 5690MHz Eurofins TA Technology Shanghai Co., Ltd. TA-MB-04-006R Page 56 of 241 This report shall not be reproduced except in full, without the written approval of Eurofins TA Techno...

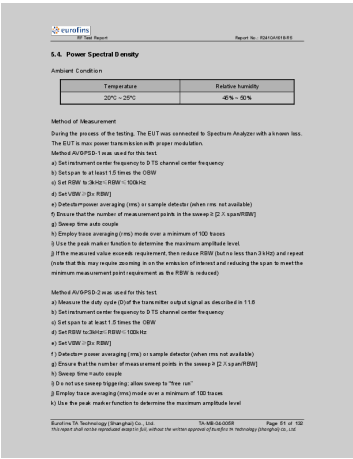
lang:en score:9 filesize: 5.11 M page_count: 75 document date: 2024-12-25



[pdf] Test Report

Microsoft Word R2410A1618 R7 2502FRA65G FCC Part15E WIFI 5G TPW2 part 3 Xiaomi Communications Co Ltd FRA65G Mobile Phone 2AFZZFRA65G fra65g
RF Test Report 802.11a CH52 120 100 80 60 40 20 0 1G 120 100 80 60 40 20 0 8G Level in dB/m Level in dB/m Report No.: R2410A1618-R7 FCC 15E band 1 2A RE PK FCC 15E band 1 2A RE AV 2G 3G 4G Frequency in Hz 5G 6 7 8G Note: The signal beyond the limit is carrier. Radiates Emission from 1GHz...

lang:en score:9 filesize: 4.91 M page_count: 111 document date: 2024-12-25



[pdf] Test Report

Microsoft Word R2410A1618 R5 2502FRA65G FCC Part15C BLE WIFI 2 4G TPW2 part Xiaomi

Communications Co Ltd FRA65G Mobile Phone 2AFZZFRA65G fra65g

RF Test Report 5.4. Power Spectral Density Ambient Condition Temperature 20C - 25C Report No.: R2410A1618-R5 Relative humidity 45 - 50 Method of Measurement

During the process of the testing, The EUT was connected to Spectrum Analyzer with a known loss. The EUT is max power transmission with pro...

lang:en score:9 filesize: 4.98 M page_count: 82 document date: 2024-12-25