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THIRDREALITY 3RCB01057Z

THIRDREALITY Zigbee Smart Color Bulb ZL1 User Manual

Model: ZL1 (4 Pack)

PRODUCT OVERVIEW

The THIRDREALITY Zigbee Smart Color Bulb ZL1 is an advanced smart lighting solution designed for seamless integration into your smart home ecosystem. This A19 RGB bulb offers tunable white light from 2700K to 6500K and millions of color options, providing versatile ambiance for any setting. With 800 lumens brightness and energy-efficient Zigbee 3.0 standard, it also functions as a Zigbee repeater to enhance network stability.



Image: Four THIRDREALITY Zigbee Smart Color Bulbs, showcasing their white base and colorful top, indicating their color-changing capabilities.

SETUP AND INSTALLATION

Before beginning the setup process, ensure you have a compatible Zigbee hub or an Echo device with a built-in Zigbee hub (e.g., Echo (4th Gen), Echo Plus, Echo Studio, Echo Show 8/10, Echo Hub, Eero 6/Pro 6, Home Assistant, SmartThings, Aeotec, Hubitat, or Third Reality Hub Gen2 Plus). Also, confirm that Bluetooth is enabled on your phone and it is connected to a stable 2.4GHz Wi-Fi network.

Connecting Your Smart Bulb

1. **Power Up:** Screw the smart bulb into a standard E26 light socket and turn on the power.
2. **Launch App:** Open the 3R-Installer App on your smartphone.
3. **Add Bridge:** Tap the "+" icon within the app to add your Zigbee bridge or hub. Follow the on-screen prompts, which may include scanning a Matter QR Code if applicable.
4. **Add Devices:** Once the bridge is added, navigate to the bridge settings and tap "+, Add Devices" to initiate pairing mode for the bulb.
5. **Pairing:** The app will search for the bulb. Once detected, confirm the addition. The bulb may flash to indicate

successful pairing.

- 6. **Control:** After successful pairing, you can control the bulb's brightness, color temperature, and color from within the 3R-Installer App.
- 7. **Firmware Update:** It is recommended to check for and install any available firmware updates (OTA) for the bulb through the app to ensure optimal performance and access to the latest features.



Video: A step-by-step guide on how to connect the THIRDREALITY Smart Color Bulb ZL1 with Matter to the 3R-Installer application, demonstrating the pairing and control process.

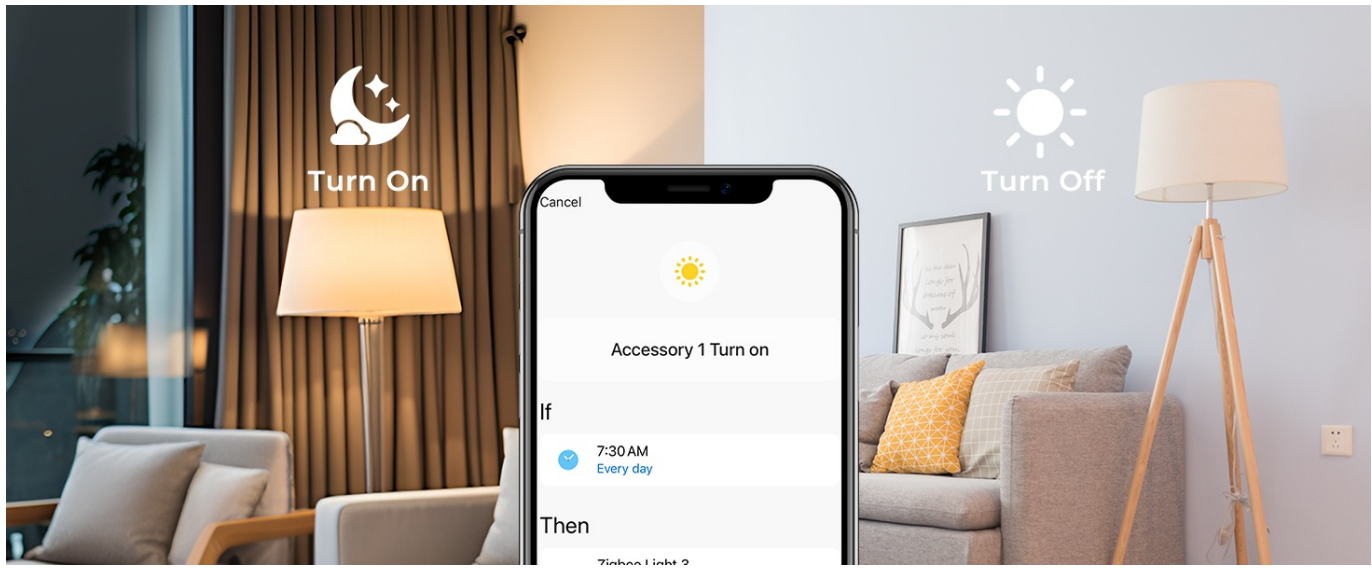


Image: A compatibility chart illustrating various smart home platforms and devices that can integrate with the THIRDREALITY Smart Color Bulb, both with and without a Matter Bridge.

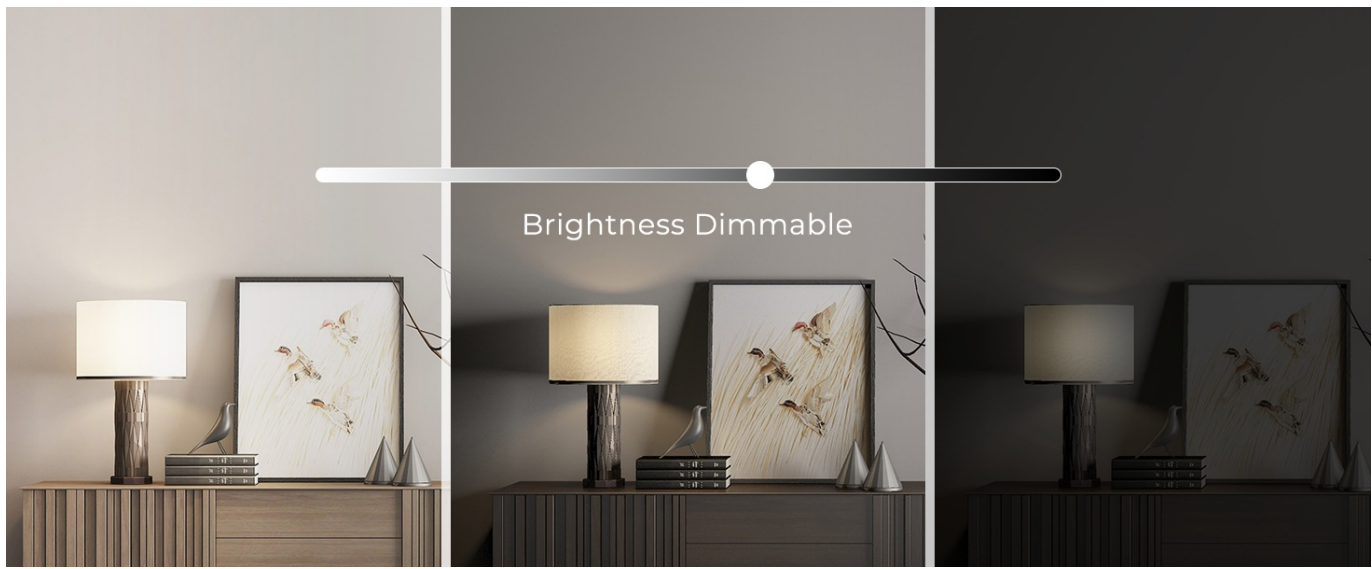


Image: A diagram illustrating how the smart bulb functions as a Zigbee repeater, extending the range and stability of your Zigbee network throughout a home layout.

OPERATING YOUR SMART BULB

The THIRDREALITY Smart Color Bulb offers extensive control options to customize your lighting experience.

Color and Brightness Control

- **Millions of Colors:** Access a wide spectrum of colors to match your mood or occasion. Use the color wheel in your smart home app to select any desired hue.
- **Tunable White:** Adjust the white light from warm (2700K) to cool (6500K) to create the perfect atmosphere for relaxation, work, or daily activities.
- **Dimmable:** Seamlessly adjust brightness from 1% to 100% to suit your needs, from bright task lighting to subtle ambient glow.

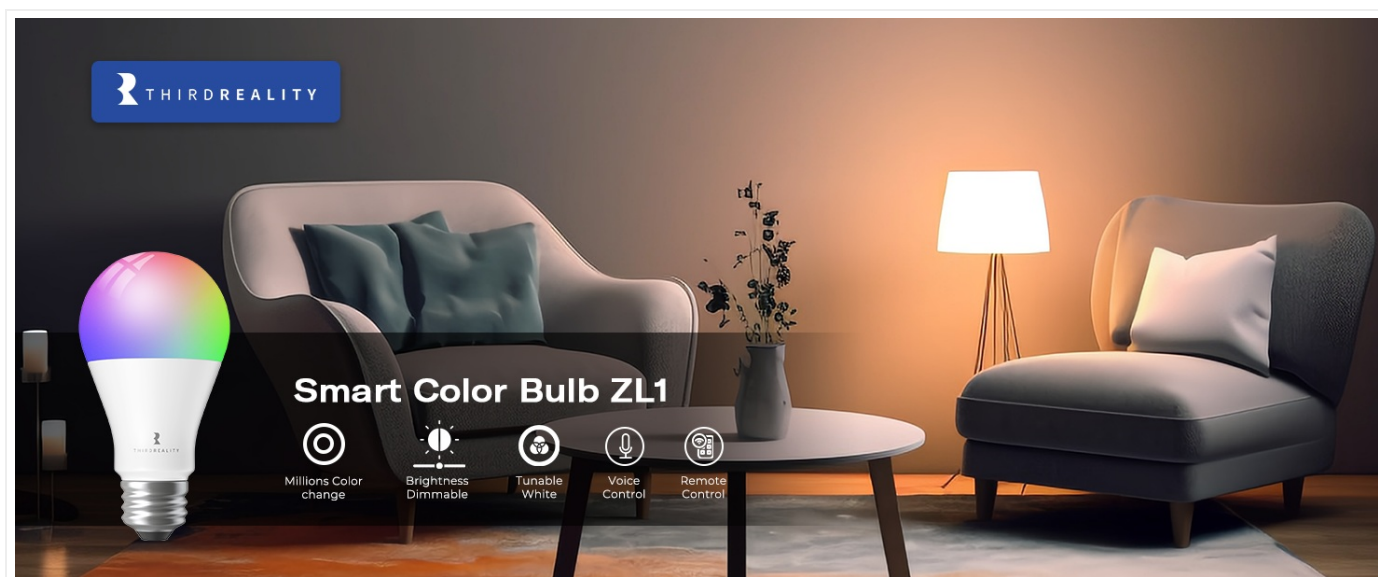


Image: A visual representation of the "Millions Color Change" feature, showing a color spectrum slider controlling the light color in a room.

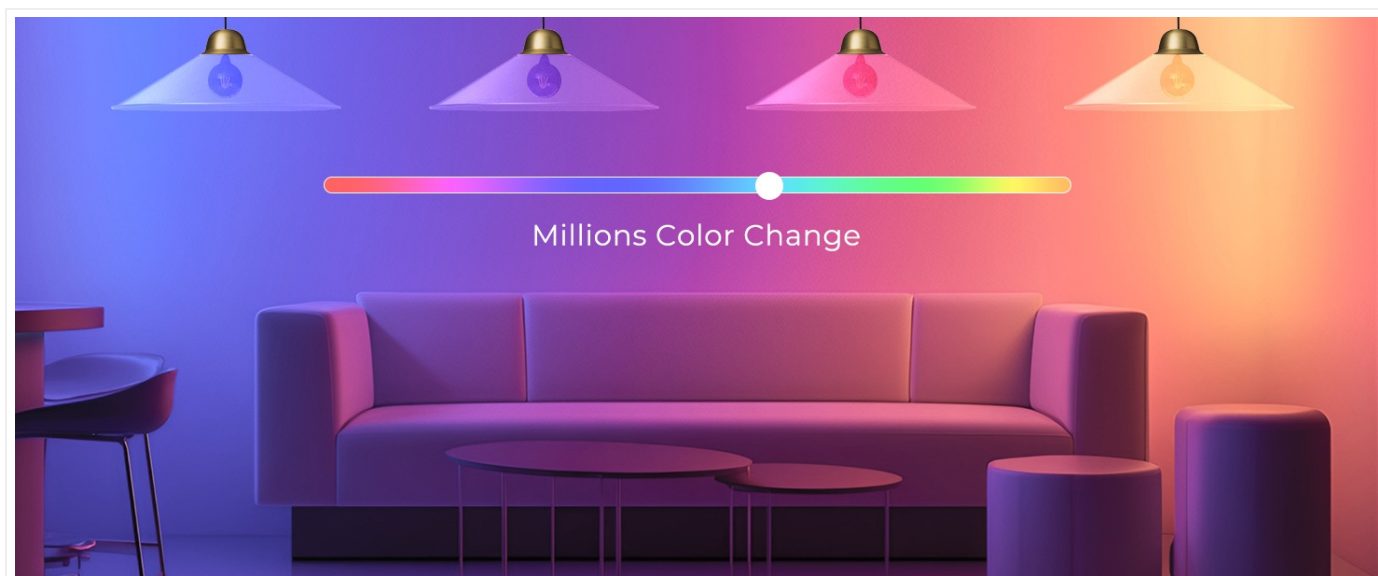


Image: A visual representation of the "Tunable White" feature, showing a slider adjusting the color temperature of light in a living room setting.

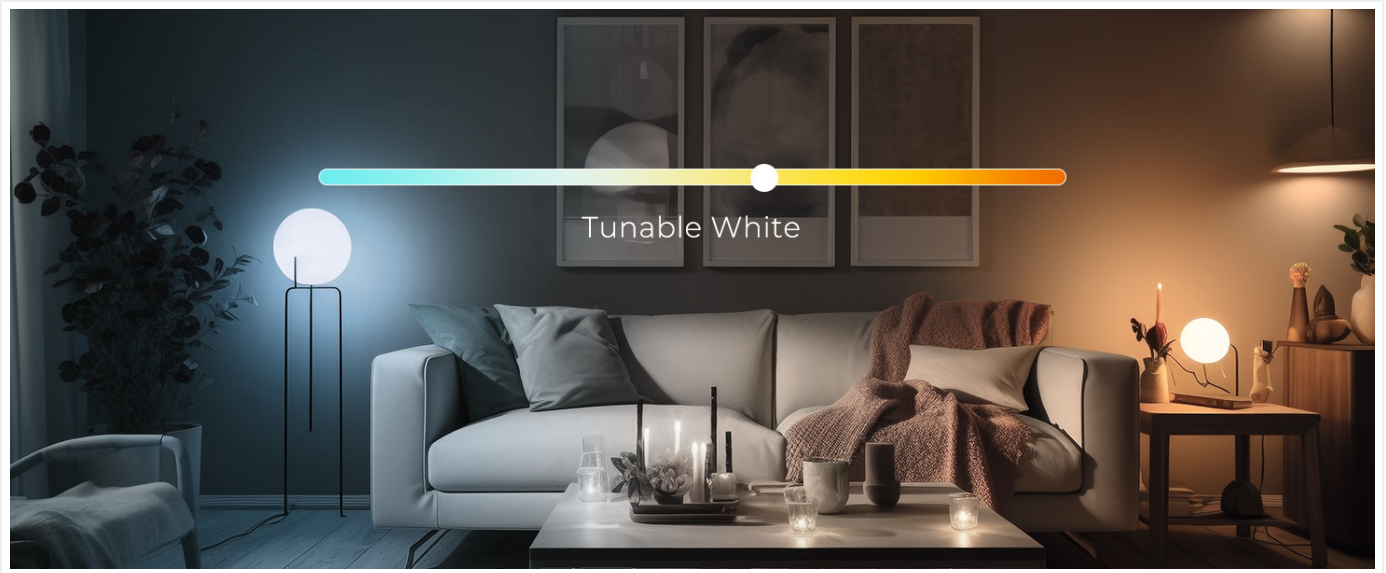


Image: A visual representation of the "Brightness Dimmable" feature, showing a slider adjusting the light intensity in a room from bright to dim.

Smart Control and Automation

- **Remote Control:** Control your smart bulb from anywhere using your smartphone app, without time or distance limitations.
- **Voice Control:** Integrate with compatible Amazon Alexa Echo Devices or other Zigbee hubs that work with Alexa or Google Home to adjust light settings using voice commands.
- **Schedules and Routines:** Set up automated schedules for turning lights on/off or changing settings at specific times, enhancing convenience and energy efficiency.



Image: A split image showing a modern house exterior and a hand holding a smartphone displaying the smart bulb's remote control interface, demonstrating control from anywhere.

Zigbee Repeater

Enhancing the range and stability of your Zigbee network.



Image: A father and son reading, with a speech bubble indicating a voice command "Alexa, turn the lamp to warm white," demonstrating voice control functionality.



Image: A smartphone screen showing a scheduling interface for the smart bulb, with options to set turn on/off times and conditions, illustrating automation capabilities.

MAINTENANCE

To ensure the longevity and optimal performance of your THIRDREALITY Zigbee Smart Color Bulb, follow these simple maintenance guidelines:

- **Cleaning:** Before cleaning, ensure the bulb is powered off and cool. Gently wipe the bulb with a soft, dry cloth. Avoid using liquid cleaners, abrasive materials, or harsh chemicals, as these can damage the bulb's surface or internal components.
- **Handling:** Handle the bulb by its base, not the glass or plastic dome, to prevent damage.
- **Storage:** If storing the bulb for an extended period, keep it in its original packaging or a protective container in a cool, dry place.
- **Environment:** Use the bulb in appropriate indoor environments as specified. Avoid exposure to extreme temperatures, high humidity, or direct water contact unless the product is specifically rated for such conditions.

TROUBLESHOOTING

If you encounter issues with your THIRDREALITY Zigbee Smart Color Bulb, refer to the following common troubleshooting steps:

Issue	Possible Cause	Solution
Difficulty Pairing/Resetting	Incorrect power cycle sequence; bulb not in pairing mode.	Ensure the bulb is powered on for at least 20 seconds before attempting a power cycle reset. To reset, turn the bulb off and on 5 times in quick succession. If issues persist, refer to the manufacturer's specific reset procedure or contact support.
Inaccurate Color Rendition	Color calibration discrepancies with certain smart home systems or apps.	Try adjusting the color manually within the app using RGB values if available. Ensure your smart home hub and bulb firmware are up to date. Some systems may require fine-tuning for specific colors.
High Power Draw When Off	Minor standby power consumption; potential faulty unit.	A small amount of standby power consumption is normal for smart devices. If the power draw seems excessively high (e.g., significantly above 0.5W-1W per bulb when off), contact customer support for further diagnosis.
Bulb Unresponsive/Offline	Weak Zigbee signal; hub connectivity issues; power interruption.	Check the bulb's power supply. Ensure your Zigbee hub is online and within range. As the bulb acts as a repeater, consider adding more Zigbee devices to strengthen your mesh network. Re-pair the bulb if necessary.

SPECIFICATIONS



Feature	Detail
Brand	THIRDREALITY
Model Name	Smart Color Bulb ZL1
Part Number	3RCB01057Z
Light Type	LED
Bulb Shape Size	A19
Bulb Base	E26
Wattage	8.5 watts
Brightness	800 Lumen
Color Temperature	2700K-6500K Tunable White
Light Color	Multicolor (RGB)
Connectivity Technology	ZigBee 3.0
Indoor/Outdoor Usage	Indoor

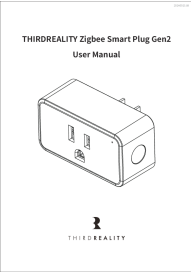



Feature	Detail
Power Source	Corded Electric
Voltage	110 Volts (Accepted: 100 to 120 Volts and 60 Hertz)
Efficiency	94.12 lumens/watt
Material	Plastic
Item Weight	3.52 ounces
Included Components	Smart Bulb
Certifications	ETL, FCC

WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official THIRDREALITY website or the documentation included with your product. You can also find additional resources and contact information through the [THIRDREALITY Brand Store on Amazon](#).
A digital version of the user manual is available for download:[User Manual \(PDF\)](#).

Related Documents - 3RCB01057Z

<div>Smart Color Bulb ZL1</div> <div>User Manual</div> <div></div> <div>THIRDREALITY</div>	<div>Third Reality Smart Color Bulb ZL1 User Manual - Setup and Pairing Guide</div> <div>Comprehensive user manual for the Third Reality Smart Color Bulb ZL1 (Model 3RCB01057Z). Includes detailed setup instructions for various smart home platforms like Smart Bridge MZ1, Third Reality Hub, SmartThings, Amazon Alexa, Hubitat, and Home Assistant. Covers specifications, Zigbee mesh networking, safety information, and FCC compliance.</div>
<div>Smart Motion Sensor R1</div> <div>User Manual</div> <div></div> <div>THIRDREALITY</div>	<div>THIRDREALITY Smart Motion Sensor R1 User Manual & Setup Guide</div> <div>Comprehensive user manual for the THIRDREALITY Smart Motion Sensor R1 (3RSMR01067Z). Learn about specifications, setup, installation, troubleshooting, and integration with Zigbee hubs like SmartThings, Alexa, Hubitat, and Home Assistant.</div>

	<p>THIRDREALITY Zigbee Smart Plug Gen2 User Manual & Setup Guide</p> <p>Comprehensive user manual and setup guide for the THIRDREALITY Zigbee Smart Plug Gen2, covering specifications, features, pairing instructions with various hubs (SmartThings, Echo, Hubitat, HA), firmware updates, and troubleshooting.</p>
	<p>ThirdReality Garage Door Tilt Sensor User Guide</p> <p>User guide for the ThirdReality Zigbee Garage Door Tilt Sensor. Learn about setup, installation, pairing with various smart home systems like Amazon Alexa, SmartThings, Hubitat, and Home Assistant, specifications, and warranty information.</p>
	<p>ThirdReality Temperature and Humidity Sensor Lite Quick Start Guide</p> <p>This guide provides instructions for setting up and pairing the ThirdReality Temperature and Humidity Sensor Lite (Model: 3RTHS0224Z) with various smart home systems including ThirdReality, 3R-Installer, Amazon Alexa, SmartThings, Hubitat, and Home Assistant. It covers specifications, pairing procedures, and regulatory compliance information.</p>
	<p>THIRDREALITY Zigbee Smart Plug Gen2 User Manual</p> <p>Comprehensive user manual for the THIRDREALITY Zigbee Smart Plug Gen2 (Model 3RSP02028BZ). This guide covers product specifications, features like real-time energy monitoring, setup instructions, detailed pairing procedures with various smart home hubs including Amazon Echo, SmartThings, Hubitat, Home Assistant (ZHA/Zigbee2MQTT), and Third Reality's own hub. It also includes information on firmware upgrades via OTA, mesh network setup, troubleshooting common issues, and FCC regulatory conformance. The smart plug supports Zigbee 3.0 connectivity and is designed for smart home automation.</p>



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NVLAP
NATIONAL VOLUNTARY
LABORATORY ACCREDITATION

RF Exposure Evaluation Declaration

Report No.: 20240701315602
Issue Date: 08-07-2024

Applicant: Jiangsu Shushi Technology Co., Ltd.

Address: NO.9 Nanxun Road,RunZhou District,Zhenjiang, Jiangsu,China

FCC ID: 2BAGQ-TRZB13

Product: IOT Module

Model No.: TRZB13; 3RCB01057Z

Trade Mark: ThirdReality

FCC Rule Part(s): CFR 47, FCC Part 2.1091 Radio frequency radiation exposure evaluation: mobile devices.

Item Receipt date: Jul. 03, 2024

Test Date: Jul. 10~ Jul. 26, 2024

Compiled By: 
(Chuang Li)
Senior Test Engineer

Approved By: 
(Liang Chen)
Engineer Manager



The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in FCC 50075-01. Test results reported herein relate only to the device(s) tested.

The test report shall not be reproduced or used in full without the written approval of Fangguang Inspection & Testing Co., Ltd. Wuxi Branch.

The test report shall not be used by the client to claim product verifications, approval, or endorsement by NVLAP, NIST or any agency of U.S. Government.

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Page Number: 1 of 5

Report Inquiry: test@fgit.com.cn

[pdf] Decleration of Conformity Test Report SAR Rating

1 Robin RF exposure report Jiangsu Shushi Technology Co Ltd TRZB13 2BAGQ 2BAGQTRZB13 trzb13
Fangguang Inspection Testing Co., Ltd. RF Exposure Evaluation Declaration
Applicant: Report No. ... District,Zhenjiang, Jiangsu,China FCC ID: 2BAGQ-TRZB13
Product: IOT Module Model No.: TRZB13; **3RCB01057Z** Trade Mark: ThirdReality
CFR 47, FCC Part 2.1091 Radio frequency radiation FCC Rule Pa...
lang:en score:25 filesize: 117.48 K page_count: 5 document date: 2024-08-08