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Inrico T529A

Inrico T529A 4G LTE POC Radio User Manual

Model: T529A

1. Introduction

This user manual provides comprehensive instructions for the operation, maintenance, and troubleshooting of your Inrico T529A 4G LTE POC Radio. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

The Inrico T529A is a robust 4G LTE Push-to-Talk Over Cellular (POC) radio designed for professionals and outdoor enthusiasts, offering long-range communication, water resistance, and integration with Bluetooth and Wi-Fi networks.

2. Product Overview

Familiarize yourself with the components and controls of your T529A radio.

Figure 2.1: Front and Back View of T529A Radio with Labeled Components.
This image displays the Inrico T529A radio from both the front and back. Key components labeled include the antenna, group selector knob, switch/volume knob, microphone, lanyard hole, belt clip, battery compartment, and charging contacts at the bottom.

Figure 2.2: Side View of T529A Radio with Labeled Interfaces and Buttons.
This image shows the side profiles of the Inrico T529A radio. Labeled interfaces include the microphone interface, earphone jack, and USB interface. On the opposite side, the Push-to-Talk (PTT) button, recording playback & individual call button, and a user-defined button are clearly marked.

2.1 Package Contents

Upon unboxing, verify that all items are present:

- 1 x Inrico T529A Radio
- 1 x Antenna
- 1 x Battery
- 1 x Charging Dock
- 1 x Power Adapter
- 1 x Belt Clip
- 1 x Lanyard
- 1 x User Manual (this document)

Figure 2.3: Inrico T529A Package Contents.
This image displays all items typically included in the Inrico T529A radio package. It shows the radio unit, its charging dock, a removable battery, the antenna, a belt clip, a lanyard, the power adapter, and the printed user manual.

3. Setup and Initial Use

3.1 Battery Installation and Charging

1. **Install Battery:** Align the battery with the battery compartment on the back of the radio. Gently push down until it clicks into place.
2. **Attach Antenna:** Screw the antenna clockwise into the connector on the top of the radio until it is finger-tight.
3. **Initial Charge:** Place the radio into the charging dock. Connect the power adapter to the charging dock and plug it into a power outlet. The charging indicator light on the dock will illuminate (typically red) during charging and change color (typically green) when fully charged.
4. **First Use:** For optimal battery life, fully charge the battery before the first use.

Figure 3.1: Inrico T529A in Charging Dock.
This image shows the Inrico T529A radio securely seated in its dedicated charging dock. The radio's antenna is attached, and the dock appears ready for connection to a power source.

3.2 Powering On/Off

- **Power On:** Rotate the Switch/Vol knob clockwise until you hear a click and the radio powers on.
- **Power Off:** Rotate the Switch/Vol knob counter-clockwise until you hear a click and the radio powers off.

3.3 Network Connection (SIM Card / Wi-Fi)

The T529A operates on 4G LTE networks and supports Wi-Fi connectivity. A SIM card is required for cellular network operation.

- **SIM Card Installation:** (Refer to specific instructions for SIM card slot access, usually under the battery or a dedicated slot). Insert a valid 4G LTE SIM card into the designated slot.
- **Wi-Fi Connection:** Navigate to the radio's settings menu (if applicable, via screen or companion app) to connect to a Wi-Fi network.

4. Operating Instructions

4.1 Adjusting Volume

Rotate the Switch/Vol knob clockwise to increase volume and counter-clockwise to decrease volume.

4.2 Selecting Channels/Groups

Rotate the Group Selector knob to switch between available channels or talk groups. The radio will typically announce the selected group or display it on a screen if available.

4.3 Push-to-Talk (PTT) Operation

1. **To Transmit:** Press and hold the PTT button (located on the side of the radio). Speak clearly into the microphone.
2. **To Receive:** Release the PTT button to listen for incoming transmissions.
3. **Important:** Wait for the channel to be clear before transmitting. Do not interrupt ongoing conversations.

4.4 Bluetooth Connectivity

The T529A supports Bluetooth for connecting compatible accessories like headsets.

1. **Enable Bluetooth:** Access the radio's settings menu to turn on Bluetooth.
2. **Pairing:** Put your Bluetooth accessory into pairing mode. Select the accessory from the list of available devices on the radio's screen (if applicable) or follow the radio's pairing prompts.

Figure 4.1: T529A Features Overview.
This image highlights key features of the Inrico T529A radio, including GPS for location services, Wi-Fi for network connectivity, Bluetooth for wireless accessories, and an SOS function for emergency signaling.

5. Maintenance and Care

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** Avoid overcharging or completely draining the battery. Store the radio and battery in a cool, dry place when not in use for extended periods.
- **Water Resistance:** The T529A is water-resistant (IP65 rated). While it can withstand splashes and light rain, do not submerge it in water. Ensure all port covers are securely closed to maintain water resistance.
- **Antenna:** Do not bend or modify the antenna. A damaged antenna can affect communication range.

6. Troubleshooting

Problem	Possible Cause	Solution
Radio does not power on.	Battery is low or not installed correctly.	Charge the battery. Reinstall the battery, ensuring it clicks into place.
Cannot transmit or receive.	No network signal; incorrect group selected; PTT button not pressed correctly.	Check network signal strength. Verify the correct group is selected. Ensure PTT button is fully pressed and held during transmission.
Poor audio quality.	Weak signal; microphone/speaker obstructed; volume too low/high.	Move to an area with better signal. Clear any obstructions. Adjust volume.
Bluetooth device won't pair.	Bluetooth not enabled; device not in pairing mode; out of range.	Ensure Bluetooth is enabled on radio. Put accessory in pairing mode. Move devices closer.

7. Specifications

Feature	Detail
Model Number	T529A
Dimensions (L x W x H)	5.31 x 2.36 x 1.46 inches
Connectivity	4G LTE, Wi-Fi, Bluetooth
Water Resistance Level	IP65 (Water Resistant)
Included Components	Radio, Antenna
Special Features	Long Range, Portable, Voice Operated Transmission, Waterproof
Operating System	Android 7.1

8. Warranty and Support

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Inrico website. You may also contact your point of purchase for assistance.

Manufacturer: INRICO

Contact: Refer to Inrico Store on Amazon or official Inrico channels for support.

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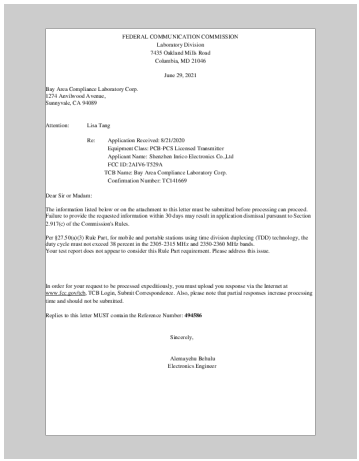
This manual is subject to change without notice.

[pdf] Specifications Accessories

SpecSheet GoRugged etera T529 inrico t529a GoRuggedThe Inrico T529A will ensure that all our hardware are 4G LTE capable for the first time ever! This unit is an excellent upgrade from T199 so your specsheet gorugged t529gorugged co za pf 667ab6c07ff10 specsheet t529 srsltid AfmBOopdy4pSBy junBDDm7hHIO6oRvd74gk rJYl 9rGJFKZyUzLhvH GoRuggedinrico your The t529v1gorugged 9rGJFKZyUzLhvHgorugged AfmBOooAKoFht4V Cwv5 ok6Abc 7XThNHmg gbbELG7z3eDBHg5Og8w t529specsheet AfmBOorAl7RMlAOlcFXxROf14GRGpvJG4DaS84tPwNS20gdIw8OeGT3Xgorugged ||| ||| INRICO T529A INRICO T529A The Inrico T529A will ensure that all our hardware are 4G/LTE capable for the first time ever This unit is an excellent upgrade from the T199 so all your T199 accessories such as batteries and cradles will work on ||| INRICO T529A INRICO T529A The Inrico T529A will ensure that all our hardware are 4G/LTE capable for the first time ever This unit is an excellent upgrade from the T199 so all your T199 accessories such as batteries and cradles will work on

INRICO **T529A** INRICO **T529A** The Inrico **T529A** will ensure that all our hardware are 4G/LTE capable for the first time ever This unit is an excellent upgrade from the T199 so all your T199 accessories such as batteries and cradles will work on the **T529A**. Only the antenna is different from the T199 due...

lang:en score:40 filesize: 535.15 K page_count: 2 document date: 2024-06-25



FEDERAL COMMUNICATION COMMISSION
Laboratory Division
7435 Oakland Mills Road
Columbia, MD 21046

June 29, 2021

Bay Area Compliance Laboratory Corp.
1274 Anvilwood Avenue,
Sunnyvale, CA 94089

Attention: Lisa Tang

Re: Application Received: 8/21/2020
Equipment Class: PCB-PCS Licensed Transmitter
Applicant Name: Shenzhen Inrico Electronics Co.,Ltd
FCC ID:2AIV6-T529A
TCB Name: Bay Area Compliance Laboratory Corp.
Confirmation Number: TC141669

Dear Sir or Madam:

The information listed below or on the attachment to this letter must be submitted before processing can proceed. Failure to provide the requested information within 30-days may result in application dismissal pursuant to Section 2.917(c) of the Commission's Rules.

Per §27.50(c)(2) Rule Part, for mobile and portable stations using time division duplexing (TDD) technology, the duty cycle must not exceed 38 percent in the 2305–2315 MHz and 2350–2360 MHz bands.
Your test report does not appear to consider this Rule Part requirement. Please address this issue.

In order for your request to be processed expeditiously, you must upload you response via the Internet at www.fcc.gov/oet/ea, TCB Login, Submit Correspondence. Also, please note that partial responses increase processing time and should not be submitted.

Replies to this letter MUST contain the Reference Number: **494586**

Sincerely,

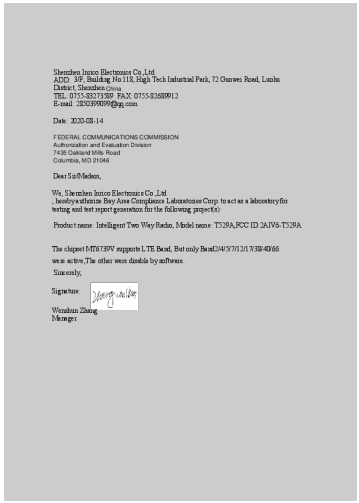
Alemayehu Behuta
Electronics Engineer

[pdf] Test Report

Inrico Technologies Co Ltd T529A 2AIV6 2AIV6T529A t529a

FEDERAL COMMUNICATION COMMISSION Laboratory Division 7435 Oakland Mills Road Columbia, MD 21046 June ... ass: PCB-PCS Licensed Transmitter Applicant Name: Shenzhen Inrico Electronics Co.,Ltd FCC ID: 2AIV6-**T529A** TCB Name: Bay Area Compliance Laboratory Corp. Confirmation Number: TC141669 Dear Sir or Mada...

lang:en score:38 filesize: 10.81 K page_count: 2 document date: 2021-06-29



Shenzhen Inrico Electronics Co.,Ltd
ADD: 3/F, Building No.118, High Tech Industrial Park, 72 Guowei Road, Luohu District, Shenzhen China
TEL: 0755-83373389 FAX: 0755-82689912
E-mail: 285039909@qq.com

Date: 2020-08-14

FEDERAL COMMUNICATIONS COMMISSION
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Dear Sir/Madam,

We, Shenzhen Inrico Electronics Co.,Ltd
, hereby authorize Bay Area Compliance Laboratories Corp. to act as a laboratory for testing and test report generation for the following project(s):

Product name: Intelligent Two Way Radio, Model name: T529A,FCC ID:2AIV6-T529A

The chipset MT6739V supports LTE Band, But only Band2/4/5/7/12/17/38/40/66 we are active.The other were disable by software.

Sincerely,

Signature:

Wenshun Zhang
Manager

[pdf] Test Report

Microsoft Word Attestation letter dg06157 Letter Inrico Technologies Co Ltd T529A Intelligent Two Way Radio 2AIV6 2AIV6T529A t529a

Shenzhen Inrico Electronics Co.,Ltd ADD: 3/F, Building No.118, High Tech Industrial Park, 72 Guowei ... eport generation for the following project s : Product name: Intelligent Two Way Radio, Model name: **T529A**,FCC ID:2AIV6-**T529A** The chipset MT6739V supports LTE Band, But only Band2/4/5/7/12/17/38/40/66 ...

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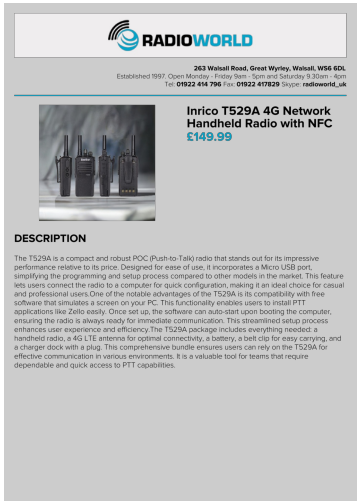
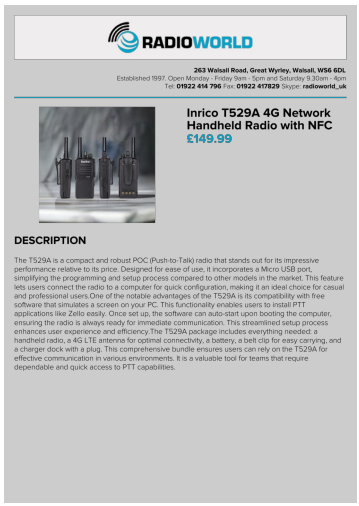


[pdf] Installation Guide

Inrico T529A 4G Network Handheld Radio with NFC £149 99 Designed for ease of use it incorporates a Micro USB port simplifying the programming and setup process compared to other models in market This product 19141756 v 1747940244 shopwired business files s3 eu west 1 amazonaws 7 226987 s |||
263 Walsall Road, Great Wyrley, Walsall, WS6 6DL Established 1997. Open Monday - Friday 9am - 5pm and Saturday 9.30am - 4pm Tel: 01922 414 796 Fax: 01922 417829 Skype: radioworld_uk Inrico **T529A** 4G Network Handheld Radio with NFC 149.99 DESCRIPTION The **T529A** is a compact and robust POC Push-to-Talk...
lang:en score:31 filesize: 215.97 K page_count: 1 document date: 2025-05-25



[pdf] Installation Guide

Inrico T529A 4G Network Handheld Radio with NFC £149 99 Designed for ease of use it incorporates a Micro USB port simplifying the programming and setup process compared to other models in market This product 19141756 v 1747164564 shopwired business files s3 eu west 1 amazonaws 7 226987 s |||
263 Walsall Road, Great Wyrley, Walsall, WS6 6DL Established 1997. Open Monday - Friday 9am - 5pm and Saturday 9.30am - 4pm Tel: 01922 414 796 Fax: 01922 417829 Skype: radioworld_uk Inrico **T529A** 4G Network Handheld Radio with NFC 149.99 DESCRIPTION The **T529A** is a compact and robust POC Push-to-Talk...
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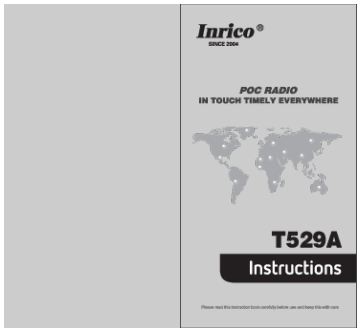

Inrico T529A POC Radio User Manual: Operation, Features, and Specifications

This user manual provides comprehensive instructions for the Inrico T529A POC radio, covering unpacking, setup, basic functions, advanced features, troubleshooting, system parameters, and specifications. Learn how to operate your Inrico T529A for reliable communication.
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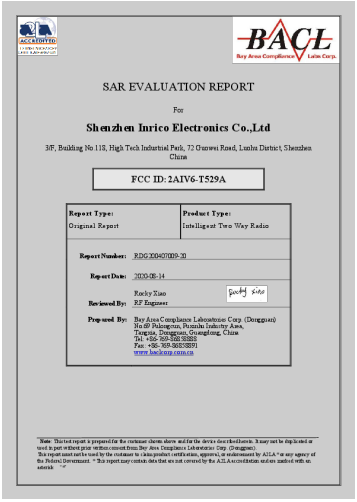

SAR EVALUATION REPORT

For

Shenzhen Inrico Electronics Co.,Ltd

3/F, Building No.118, High Tech Industrial Park, 72 Guowei Road, Luohu District, Shenzhen China

FCC ID: 2AIV6-T529A

Report Type:	Product Type:
Original Report	Intelligent Two Way Radio

Report Number: RDG200407009-20

Report Date: 2020-08-14

Reviewed By: Rocky Xiao, RF Engineer

Prepared By: Bay Area Compliance Laboratories Corp. (Dongguan) No.69 Pulongcun, Pezuzhu Industry Area, Tangxia, Dongguan, Guangdong, China Tel: +86-769-86858888 Fax: +86-769-86858891 www.baclcorp.com.cn

[pdf] Test Report SAR Rating

Microsoft Word SAR Report RDG200407009 20 dg06237 Inrico Technologies Co Ltd T529A Intelligent Two Way Radio 2AIV6 2AIV6T529A t529a

SAR EVALUATION REPORT For Shenzhen Inrico Electronics Co.,Ltd 3/F, Building No.118, High Tech Industrial Park, 72 Guowei Road, Luohu District, Shenzhen China FCC ID: 2AIV6-**T529A** Report Type: Original Report Product Type: Intelligent Two Way Radio Report Number: RDG200407009-20 Report Date: 2020-...

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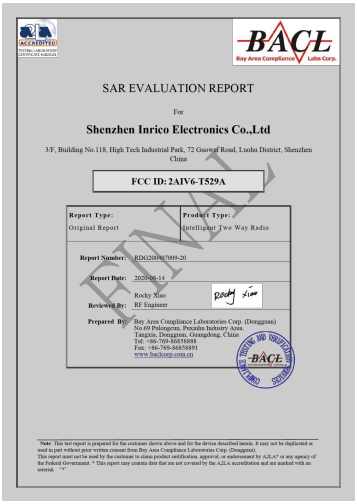

SAR EVALUATION REPORT

For

Shenzhen Inrico Electronics Co.,Ltd

3/F, Building No.118, High Tech Industrial Park, 72 Guowei Road, Luohu District, Shenzhen China

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FINAL

[pdf] Test Report SAR Rating

Microsoft Word SAR Report RDG200407009 20 dg06237 Reference Inrico Technologies Co Ltd 2 T529A Intelligent Two Way Radio 2AIV6 2AIV62T529A t529a

SAR EVALUATION REPORT For Shenzhen Inrico Electronics Co.,Ltd 3/F, Building No.118, High Tech Industrial Park, 72 Guowei Road, Luohu District, Shenzhen China FCC ID: 2AIV6-**T529A** Report Type: Original Report Product Type: Intelligent Two Way Radio Report Number: RDG200407009-20 Report Date: 2020-...

lang:en score:24 filesize: 1.31 M page_count: 70 document date: 2020-08-24

[pdf] Specifications Accessories

SpecSheet GoRugged etera T529 specsheet gorugged t529 co za pf 667ab6c07ff10 |||

INRICO **T529A** INRICO **T529A** The Inrico **T529A** will ensure that all our hardware are 4G/LTE capable for the first time ever This unit is an excellent upgrade from the T199 so all your T199 accessories such as batteries and cradles will work on the **T529A**. Only the antenna is different from the T199 due...

lang:en score:24 filesize: 535.15 K page_count: 2 document date: 2024-06-25

Shenzhen Inrico Electronics Co.,Ltd
ADD: 3/F, Building No.118, High Tech Industrial Park, 72 Guowei Road, Luohu District, Shenzhen China
TEL: 0755-83273589 FAX: 0755-82689912
E-mail: 2850399099@qq.com

FCC Authorization

Date: 2020-04-09

FEDERAL COMMUNICATIONS COMMISSION
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Subject: Agent Authorization

To whom it may concern:

We , Shenzhen Inrico Electronics Co.,Ltd , Hereby authorizes Bay Area Compliance Laboratories Corporation to act on its behalf in all matters relating to application for Equipment authorization, including the signing of all documents relating to these matters. All acts carried out by Bay Area Compliance Laboratory Corporation on our behalf shall have the same effect as our own action.

We, the undersigned, hereby certify that we are not subject to a denial of federal benefits, that includes FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 862.

This authorization is valid until further written notice from the applicant.

Sincerely Yours,
Client's signature

Printed Name: Wenshun Zhang
Title: Manager

QA-FR-170-B

[pdf] Agent Authorization

Microsoft Word FCC ID Authorization letter dg06139 Inrico Technologies Co Ltd T529A Intelligent Two Way Radio 2AIV6 2AIV6T529A t529a

Shenzhen Inrico Electronics Co.,Ltd ADD: 3/F, Building No.118, High Tech Industrial Park, 72 Guowei Road, Luohu District, Shenzhen China TEL: 0755-83273589 FAX: 0755-82689912 E-mail: 2850399099 qq.com FCC Authorization Date: 2020-04-09 FEDERAL COMMUNICATIONS COMMISSION Authorization and Evaluation D...

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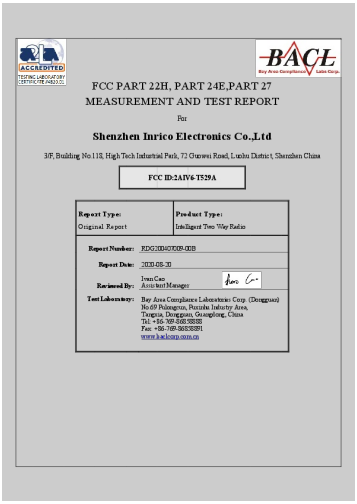


ACCREDITED
TESTING LABORATORY CERTIFICATE #4233-01

BACL
Bay Area Compliance Labs Corp.

FCC PART 22H, PART 24E,PART 27
MEASUREMENT AND TEST REPORT
For
Shenzhen Inrico Electronics Co.,Ltd
3/F, Building No.118, High Tech Industrial Park, 72 Guowei Road, Luohu District, Shenzhen China

FCC ID:2AIV6-T529A

Report Type:	Product Type:
Original Report	Intelligent Two Way Radio

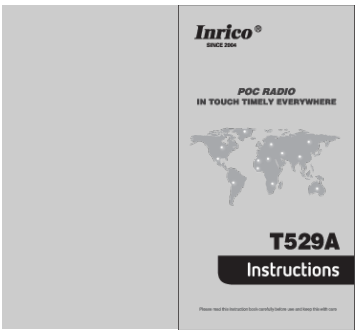
Report Number: RDG200407009-00B
Report Date: 2020-08-20
Reviewed By: Ivan Cao, Assistant Manager
Test Laboratory: Bay Area Compliance Laboratories Corp. (Dongguan)
No.69 Pulongnan, Pusinhu Industry Area,
Tangxia, Dongguan, Guangdong, China
Tel: +86-769-86838388
Fax: +86-769-86838391
www.baclcorp.com.cn

[pdf] Test Report

Microsoft Word RDG200407009 00B Part 22H 24E 27 dg06237 Test Report part1 Inrico Technologies Co Ltd T529A Intelligent Two Way Radio 2AIV6 2AIV6T529A t529a

FCC PART 22H, PART 24E,PART 27 MEASUREMENT AND TEST REPORT For Shenzhen Inrico Electronics Co.,Ltd 3/F, Building No.118, High Tech Industrial Park, 72 Guowei Road, Luohu District, Shenzhen China FCC ID:2AIV6-**T529A** Report Type: Original Report Product Type: Intelligent Two Way Radio Report Number:...

lang:tl score:22 filesize: 5.63 M page_count: 80 document date: 2020-08-20



Inrico®
SINCE 2004

POC RADIO
IN TOUCH TIMELY EVERYWHERE

T529A
Instructions

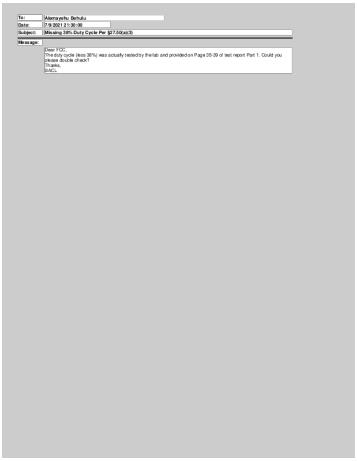
Please read this instruction book carefully before use and keep this with care

[pdf] User Manual Accessories SAR Rating

T529A cdr Miss User manual Inrico Technologies Co Ltd T529A Intelligent Two Way Radio 2AIV6 2AIV6T529A t529a

Android -106dBm GPS2G/3G/4G 0-40C Sound output power B1/B3/B7/B8/B20/B28 B1/B8 B3/B8 B2/B4/B5/B7/B12/B17 B38/B40/ A.B /B66 B2/B5 B5/B2 SAR tests are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tes...

lang:en score:21 filesize: 4.2 M page_count: 9 document date: 2020-08-21



[pdf] Test Report

Inrico Technologies Co Ltd T529A 2AIV6 2AIV6T529A t529a

To: Date: Subject: Alemayehu Behulu 7/9/2021 21:30:00 Missing 38 Duty Cycle Per 27.50 a 3 Message: Dear FCC, The duty cycle less 38 was actually tested by the lab and provided on Page 35-39 of test report Part 1. Could you please double check Thanks, BACL ...

lang:en score:16 filesize: 6.12 K page_count: 1 document date: 2021-07-10

[pdf]

SZ10150 Attestation Letter Inrico Technologies Co Ltd 2 T529A Intelligent Two Way Radio 2AIV6 2AIV62T529A t529a

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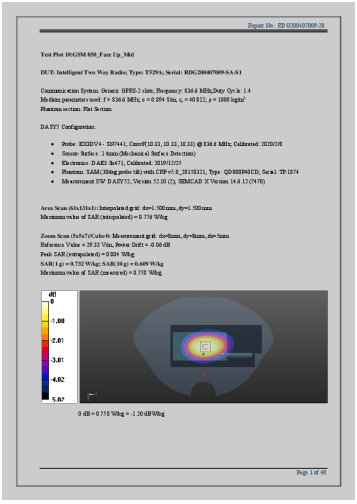
lang:en score:14 filesize: 19.92 K page_count: 1 document date: 2021-12-31



[pdf] SAR Rating

Microsoft Word SAR Plots dg06237 Scan Inrico Technologies Co Ltd T529A Intelligent Two Way Radio 2AIV6 2AIV6T529A t529a

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lang:en score:13 filesize: 1019.5 K page_count: 40 document date: 2020-08-18

PROBE CALIBRATION CERTIFICATES

CALIBRATION CERTIFICAT

[pdf] SAR Rating

dg06244 SAR Probe Dipole Cal Cert Inrico Technologies Co Ltd T529A Intelligent Two Way Radio 2AIV6 2AIV6T529A t529a

...

lang:en score:13 filesize: 3.91 M page_count: 53 document date: 2020-08-21

Inrico Technologies Co.,Ltd
ADD: 3/F, Building No.118, High Tech Industrial Park, 72 Guowei Road,
Luohu District, Shenzhen, China
TEL: 0755-82273589
FAX: 0755-82689912
E-mail:sales@inricosolutions.com

Columbia, MD 21046

Date: 2021-12-20

No any change for the 2G/3G/4G part, the original test data for 2G/3G/4G can be representative for the new device, FCC ID: 2AIV6-2-T529A

Title: Manager

[pdf] Decleration of Conformity

6 mia yan Declaration Letter Inrico Technologies Co Ltd 2 T529A Intelligent Two Way Radio 2AIV6 2AIV62T529A t529a

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lang:en score:13 filesize: 62.61 K page_count: 1 document date: 2021-12-31

EXHIBIT B - EUT EXTERNAL PHOTOGRAPHS

[pdf] Product Photos

Microsoft Word External photos dg06237 Photos Inrico Technologies Co Ltd T529A Intelligent Two Way Radio 2AIV6 2AIV6T529A t529a

EXHIBIT B - EUT EXTERNAL PHOTOGRAPHS Antenna ...

lang:en score:13 filesize: 1.12 M page_count: 8 document date: 2020-08-18

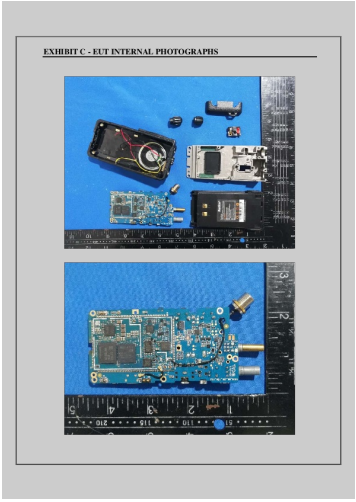


EXHIBIT C - EUT INTERNAL PHOTOGRAPHS

[pdf] Product Photos Teardown

Microsoft Word internal photos dg06237 Internal Photos Inrico Technologies Co Ltd T529A Intelligent Two Way Radio 2AIV6 2AIV6T529A t529a

EXHIBIT C - EUT INTERNAL PHOTOGRAPHS ...

lang:en score:13 filesize: 356.13 K page_count: 2 document date: 2020-08-18

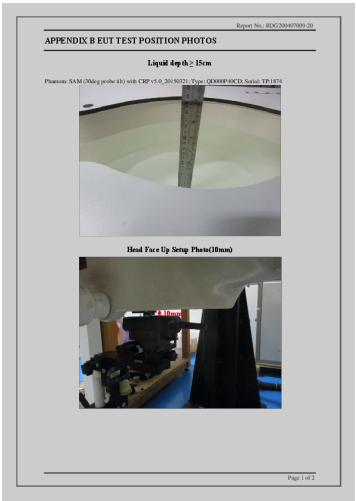
0.459 of the Commission's Rules.

[pdf] Confidentiality Request Letter

Date Yen Pin Wen Confidential Letter Inrico Technologies Co Ltd 2 T529A Intelligent Two Way Radio 2AIV6 2AIV62T529A t529a

...

lang:en score:13 filesize: 82.11 K page_count: 1 document date: 2021-12-31


APPENDIX B EUT TEST POSITION PHOTOS

Liquid depth ≥ 15cm

Head Face Up Setup Photo(10mm)

[pdf] SAR Rating

Microsoft Word SAR EUT Test Position Photos dg06237 Setup Inrico Technologies Co Ltd T529A Intelligent Two Way Radio 2AIV6 2AIV6T529A t529a

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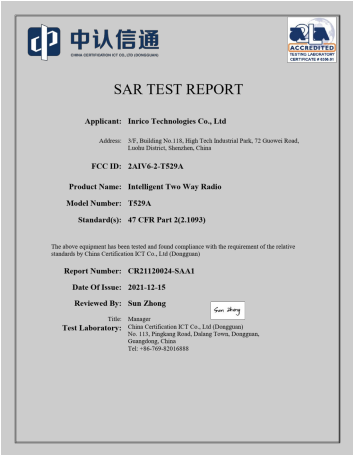
lang:en score:13 filesize: 611.77 K page_count: 2 document date: 2020-08-20



SAR TEST REPORT

Applicant: Inrico Technologies Co., Ltd

Address: 3/F, Building No.118, High Tech Industrial Park, 72 Gaowei Road, Luohu District, Shenzhen, China

FCC ID: 2AIV6-2-T529A

Product Name: Intelligent Two Way Radio

Model Number: T529A

Standard(s): 47 CFR Part 2(2.1093)

The above equipment has been tested and found compliance with the requirement of the relative standards by China Certification ICT Co., Ltd (Dongguan)

Report Number: CR21120024-SAA1

Date Of Issue: 2021-12-15

Reviewed By: Sun Zhong

Title: Manager

Test Laboratory: China Certification ICT Co., Ltd (Dongguan) No. 113, Pingkang Road, Dalang Town, Dongguan, Guangdong, China Tel: +86-769-82016888

[pdf] Decleration of Conformity SAR Rating

Microsoft Word SAR Report CR21120024 SAA1 doc dg06210 Inrico Technologies Co Ltd 2 T529A Intelligent Two Way Radio 2AIV6 2AIV62T529A t529a

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lang:en score:13 filesize: 1.04 M page_count: 12 document date: 2021-12-31

External Photos

[pdf] Product Photos

Microsoft Word External Photos winnie xiao Ext Inrico Technologies Co Ltd 2 T529A Intelligent Two Way Radio 2AIV6 2AIV62T529A t529a

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lang:en score:13 filesize: 968.55 K page_count: 5 document date: 2021-12-31

Internal photos

[pdf] Product Photos Teardown

Microsoft Word Internal Photos winnie xiao Int Inrico Technologies Co Ltd 2 T529A Intelligent Two Way Radio 2AIV6 2AIV62T529A t529a

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lang:en score:13 filesize: 1.28 M page_count: 6 document date: 2021-12-31

Shenzhen Accurate Technology Co., Ltd. Project No.: EZDMA210715-2977SE-RFA1

Photo of Conducted Emission Measurement

Test Photos Page 1 of 3

[pdf]

Microsoft Word Test Photos winnie xiao Setup Inrico Technologies Co Ltd 2 T529A Intelligent Two Way Radio 2AIV6 2AIV62T529A t529a

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lang:en score:13 filesize: 420.24 K page_count: 3 document date: 2021-12-31

Shenzhen Accurate Technology Co., Ltd. Project No.: EZDMA210715-2977SE-RFA1

Photo of Conducted Emission Measurement

Test Photos Page 1 of 3

[pdf]

Microsoft Word Test Photos winnie xiao Setup Inrico Technologies Co Ltd 2 T529A Intelligent Two Way Radio 2AIV6 2AIV62T529A t529a

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lang:en score:13 filesize: 420.24 K page_count: 3 document date: 2021-12-31

Shenzhen Inrico Electronics Co.,Ltd
ADD: 3/F., Building No.1 1B, High Tech Industrial Park, 72 Guowei Road, Luohu District, Shenzhen China
TEL: 0755-82273589 FAX: 0755-82869612
E-mail: 285536636@qq.com

FCC Confidential Authorization

Date: 2020-04-09
FEDERAL COMMUNICATIONS COMMISSIONS
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Subject: Confidentiality Request regarding application for certification of FCC ID: 2AIV6-T529A

In accordance with Sections 0.457 and 0.459 of the Commission's Rules, Shenzhen Inrico Electronics Co.,Ltd hereby requests long-term confidential treatment of information accompanying this application as outlined below:

- Block Diagram
- Schematics
- Operation Description
- Parts List/Tune up procedure

The above materials contain proprietary and confidential information not customarily released to the public. The public disclosure of these materials provides unjustified benefits to its competitors in the market.

Sincerely,

Signature:

Printed Name: Wenshun Zhang
Title: Manager

QA-FR-171-A

[pdf] Confidentiality Request Letter

Microsoft Word FCC Long Term Confidential Authorization Form dg06139 long term Inrico Technologies Co Ltd T529A Intelligent Two Way Radio 2AIV6 2AIV6T529A t529a

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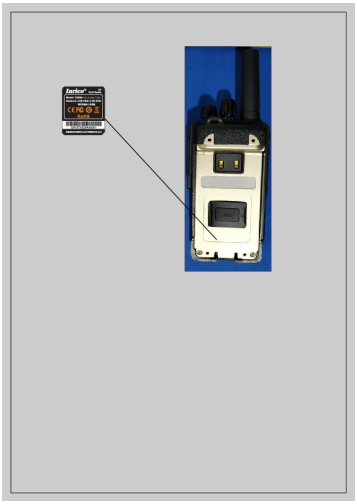

[pdf] Label

T529A cdr iniricohs ID Label and Location Inrico Technologies Co Ltd Intelligent Two Way Radio 2AIV6 2AIV6T529A t529a

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lang:en score:13 filesize: 295.91 K page_count: 1 document date: 2020-08-21

[pdf] Label

Microsoft Word ID Label and Location winnie xiao FCC Inrico Technologies Co Ltd 2 T529A Intelligent Two Way Radio 2AIV6 2AIV62T529A t529a

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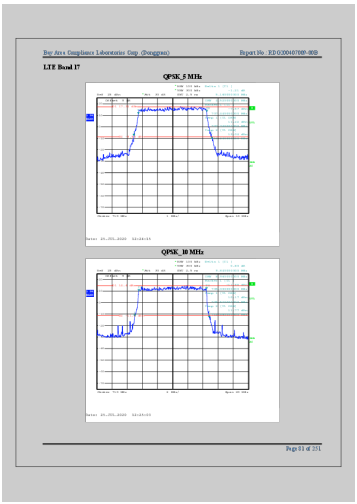

[pdf] Test Report

Microsoft Word RDG200407009 00B Part 22H 24E 27 dg06237 Test Report part2 Inrico Technologies Co Ltd T529A Intelligent Two Way Radio 2AIV6 2AIV6T529A t529a

Bay Area Compliance Laboratories Corp. Dongguan Report No.: RDG200407009-00B LTE Band 17 QPSK_5 MHz Ref 25 dBm * Att Offset 9 dB 20 D1 17.32 dBm T1 1 PK 10 MAXH 30 dB 0 1 D2 -8.68 dBm -10 * RBW 100 kHz * VBW 300 kHz SWT 2.5 ms Delta 1 T1 -1.21 dB 5.160000000 MHz OBW 4.520000000 MHz ...

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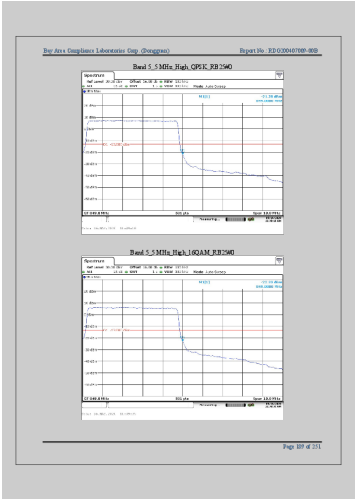

[pdf] Test Report

Microsoft Word RDG200407009 00B Part 22H 24E 27 dg06237 Test Report part4 Inrico Technologies Co Ltd T529A Intelligent Two Way Radio 2AIV6 2AIV6T529A t529a

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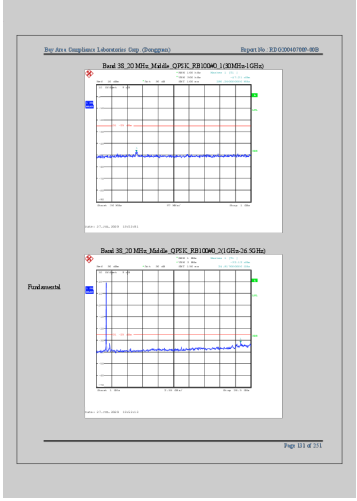

[pdf] Test Report

Microsoft Word RDG200407009 00B Part 22H 24E 27 dg06237 Test Report part3 Inrico Technologies Co Ltd T529A Intelligent Two Way Radio 2AIV6 2AIV6T529A t529a

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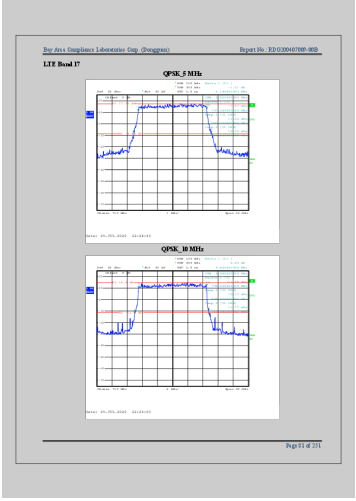

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Microsoft Word RDG200407009 00B Part 22H 24E 27 dg06237 Reference Report 2 Inrico Technologies Co Ltd T529A Intelligent Two Way Radio 2AIV6 2AIV62T529A t529a

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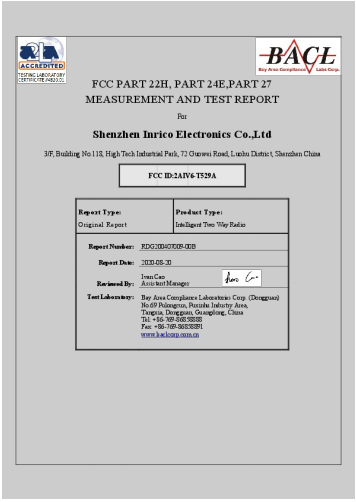

FCC PART 22H, PART 24E,PART 27
MEASUREMENT AND TEST REPORT
For
Shenzhen Inrico Electronics Co.,Ltd
3/F, Building No.118, High Tech Industrial Park, 72 Guowei Road, Luohu District, Shenzhen China
FCC ID:2AIV6-T529A

Report Type:	Product Type:
Original Report	Intelligent Two Way Radio

Report Number: RDG200407009-00B
Report Date: 2020-08-20
Reviewed By: Ivan Cao, Assistant Manager
Test Laboratory: Bay Area Compliance Laboratories Corp. (Dongguan) No.69 Pulongnan, Pusuhu Industry Area, Tangxia, Dongguan, Guangdong, China
Tel: +86-769-86838888
Fax: +86-769-86838891
www.bacloop.com.cn

[pdf]

Microsoft Word RDG200407009 00B Part 22H 24E 27 dg06237 Reference Report 1 Inrico Technologies Co Ltd 2 T529A Intelligent Two Way Radio 2AIV6 2AIV62T529A t529a

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lang:af score:12 filesize: 5.64 M page_count: 80 document date: 2020-08-20

Client's signature

[pdf]

Note Please print this letter with your company s paper POA Inrico Technologies Co Ltd 2 T529A Intelligent Two Way Radio 2AIV6 2AIV62T529A t529a

...

lang:af score:12 filesize: 68.33 K page_count: 1 document date: 2021-12-31

ATC

TEST REPORT

Applicant Name : Inrico Technologies Co., Ltd
Address : 3/F, Building No.118, High Tech Industrial Park, 72 Guowei Road, Luohu District, Shenzhen,China
Report Number : SZGMA210719-29779E-RF-00AA1
FCC ID: 2AIV6-2-T529A

Test Standard (s)
FCC PART 15.247

Sample Description
Product Type: Intelligent Two Way Radio
Model No.: T529A
Trade Mark: Inrico
Date Received: 2021/07/19
Date of Test: 2021/08/04~2021/11/26
Report Date: 2021/12/03

Test Result:	Pass*

* In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By: Fan Yang, EMC Engineer
Approved By: Candy Li, EMC Engineer

Shenzhen Accurate Technology Co., Ltd.
Version 11: 2021-11-09 Page 1 of 55 FCC-BT

[pdf] Test Report

Microsoft Word SZGMA210719 29779E RF 00AA1 FCC Part 15 247 BT Report winnie xiao Test Inrico Technologies Co Ltd 2 T529A Intelligent Two Way Radio 2AIV6 2AIV62T529A t529a

...

lang:af score:12 filesize: 2.29 M page_count: 55 document date: 2021-12-31

ATC

TEST REPORT

Applicant Name : Inrico Technologies Co., Ltd
Address : 3/F, Building No.118, High Tech Industrial Park, 72 Guowei Road, Luohu District, Shenzhen,China
Report Number : SZGMA210719-29779E-RF-00BA1
FCC ID: 2AIV6-2-T529A

Test Standard (s)
FCC PART 15.247

Sample Description
Product Type: Intelligent Two \Way Radio
Model No.: T529A
Trade Mark: Inrico
Date Received: 2021/07/19
Date of Test: 2021/08/04~2021/11/26
Report Date: 2021/12/03

Test Result: Pass*
* In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By: Approved By:
Fan Yang EMC Engineer
Candy Li EMC Engineer

Shenzhen Accurate Technology Co., Ltd.

Version 12: 2021-11-09 Page 1 of 59 FCC: BUBBZ-WI-FI

[pdf] Test Report

Microsoft Word SZGMA210719 29779E RF 00BA1 FCC Part 15 247 BLE 2 4Wi Fi Report winnie xiao Test Inrico Technologies Co Ltd T529A Intelligent Two Way Radio 2AIV6 2AIV62T529A t529a

...

lang:af score:11 filesize: 2.34 M page_count: 59 document date: 2021-12-31

ATC

TEST REPORT

Applicant Name : Inrico Technologies Co., Ltd
Address : 3/F, Building No.118, High Tech Industrial Park, 72 Guowei Road, Luohu District, Shenzhen,China
Report Number: SZGMA210719-29779E-RF-00CA1
FCC ID: 2AIV6-2-T529A

Test Standard (s)
FCC PART 27; FCC PART 22H; FCC PART 24E

Sample Description
Product Type: Intelligent Two \Way Radio
Model No.: T529A
Trade Mark: Inrico
Date Received: 2021/07/19
Date of Test: 2021/08/04~2021/11/26
Report Date: 2021/12/03

Test Result: Pass*
* In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By: Approved By:
Fan Yang EMC Engineer
Candy Li EMC Engineer

Shenzhen Accurate Technology Co., Ltd.

[pdf] Test Report

Microsoft Word SZGMA210719 29779E RF 00CA1 FCC Part 22H 24E 27 Report winnie xiao Test Inrico Technologies Co Ltd 2 T529A Intelligent Two Way Radio 2AIV6 2AIV62T529A t529a

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lang:af score:11 filesize: 621.47 K page_count: 19 document date: 2021-12-31