

WatchGuard AP432

WatchGuard AP432 Wi-Fi 6 Access Point Instruction Manual

Model: AP432 | Brand: WatchGuard

1. INTRODUCTION

This manual provides essential instructions for the installation, configuration, operation, and maintenance of your WatchGuard AP432 Wi-Fi 6 Access Point. Please read this document thoroughly before proceeding with installation and use to ensure proper functionality and security.

2. PRODUCT OVERVIEW

The WatchGuard AP432 is a high-performance Wi-Fi 6 (802.11ax) access point designed for high-density indoor environments. It features WPA3 security and 4x4 radio with 8 internal antennas to provide robust and secure wireless connectivity.

2.1 Key Features

- **High-Performance Wi-Fi 6:** Supports 802.11ax for efficient operation in high-density environments.
- **Advanced Security:** Incorporates WPA3 encryption and dedicated scanning radios for enhanced threat protection.
- **Cloud Management:** Centralized deployment, configuration, and monitoring via WatchGuard Cloud.
- **Technical Specifications:** Features 4x4 MU-MIMO, data rates up to 2.4 Gbps, and a 2.5 Gbps PoE+ port.

2.2 Package Contents

The standard package for the WatchGuard AP432 includes:

- WatchGuard AP432 Access Point
- Mounting bracket (Information Not Available on specific type)
- Quick Start Guide (not explicitly listed but implied for setup)
- *Note: A management license is required for operation and is sold separately.*

3. SETUP AND INSTALLATION

Proper installation ensures optimal performance and coverage. The AP432 is designed for indoor

deployment.

3.1 Physical Installation

The AP432 can be mounted on a ceiling or wall. Ensure the chosen location provides adequate signal coverage and is free from obstructions.



Figure 1: Top view of the WatchGuard AP432 Access Point, showing the WatchGuard logo.



Figure 2: Bottom view of the WatchGuard AP432 Access Point, showing the Reset button, 2.5G LAN (PoE+) port, and DC12V power input.

1. **Mounting:** Use the provided mounting bracket to secure the access point to a suitable surface. Refer to the quick start guide for detailed mounting instructions.
2. **Orientation:** For optimal wireless performance, mount the AP horizontally on a ceiling or vertically on a wall.

3.2 Powering On

The AP432 can be powered using Power over Ethernet (PoE+) or an optional DC12V power adapter.

- **PoE+ (Recommended):** Connect an Ethernet cable from a PoE+ enabled switch or injector to the 2.5G LAN (PoE+) port on the access point.
- **DC Power:** If PoE+ is not available, connect a compatible DC12V power adapter (sold separately) to the DC12V port.

Once powered, the status LED on the access point will indicate its operational status.

3.3 Initial Configuration and Management License

The WatchGuard AP432 requires a management license and is primarily managed through WatchGuard Cloud. You must activate your device and license in WatchGuard Cloud to begin configuration.

1. **Register Device:** Log in to your WatchGuard Cloud account and register your AP432 using its serial number.
2. **Apply License:** Apply the purchased management license to your registered AP432.
3. **Cloud Configuration:** Use the WatchGuard Cloud interface to configure wireless networks (SSIDs), security settings, and other operational parameters.



Figure 3: Example of the WatchGuard Cloud interface for managing access points and viewing network data.

For detailed steps on WatchGuard Cloud setup, refer to the official WatchGuard documentation available on their support portal.

4. OPERATION

Once installed and configured, the AP432 provides secure and high-speed wireless access.

4.1 Wireless Connectivity

- The AP432 supports Wi-Fi 6 (802.11ax) standard, offering improved efficiency and performance for connected devices.
- It operates on dual-band frequencies, typically 2.4 GHz and 5 GHz, to accommodate various client devices and network demands.
- Multiple SSIDs can be configured to segment network traffic or provide guest access.

4.2 Security Features

The AP432 integrates advanced security protocols to protect your wireless network.

- **WPA3 Encryption:** Provides the latest standard in Wi-Fi security for stronger authentication and increased cryptographic strength.
- **Dedicated Scanning Radios:** These radios continuously monitor the airwaves for rogue access points, unauthorized devices, and other wireless threats without impacting client performance.

4.3 Management License Options

The functionality of your AP432 is determined by the type of management license applied. WatchGuard offers different license tiers, such as Standard Wi-Fi and Unified Security Platform (USP) Wi-Fi, each providing a distinct set of features.



Figure 4: Comparison of features available with Standard Wi-Fi and Unified Security Platform (USP) Wi-Fi management licenses.

Refer to the WatchGuard website or your license documentation for a complete list of features included with your specific license.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your AP432.

- **Firmware Updates:** Keep the access point's firmware updated through WatchGuard Cloud to benefit from the latest features, security patches, and performance improvements.
- **Physical Cleaning:** Periodically clean the exterior of the access point with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Environmental Conditions:** Ensure the operating environment remains within specified temperature and humidity ranges to prevent damage.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter.

6.1 Common Issues and Solutions

- **No Power/LED Off:**

- Verify the Ethernet cable is securely connected to a PoE+ source.
- If using a DC adapter, ensure it is properly connected and the power outlet is functional.

- **Cannot Connect to Wi-Fi:**

- Check if the AP432 is registered and has an active management license in WatchGuard Cloud.
- Confirm that SSIDs are configured and broadcasted.
- Verify Wi-Fi password and security settings on client devices.

- **Slow Wi-Fi Performance:**

- Check for potential interference from other wireless devices.
- Ensure the AP is mounted in an optimal location.
- Review WatchGuard Cloud diagnostics for channel utilization or client load issues.

- **Access Point Not Visible in WatchGuard Cloud:**

- Ensure the AP has an active internet connection.
- Verify firewall rules are not blocking communication to WatchGuard Cloud.
- Confirm the device is correctly registered and assigned to your account.

If issues persist, consult the WatchGuard support documentation or contact WatchGuard technical support.

7. SPECIFICATIONS

Feature	Detail
Model Name	AP432 Indoor Access Point
Brand	WatchGuard
Wireless Standard	802.11ax (Wi-Fi 6)
Frequency Band Class	Dual-Band
Antenna Type	Internal
Connectivity Technology	Ethernet (2.5 Gbps PoE+)
Product Dimensions	9.75 x 9.75 x 3.25 inches
Item Weight	2.35 pounds
Power Source	PoE+ or DC12V (adapter sold separately)
Special Feature	Access Point Mode
Management	WatchGuard Cloud (requires license)

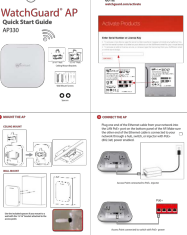
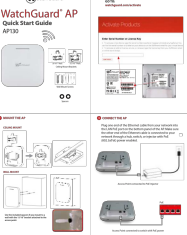
8. WARRANTY AND SUPPORT

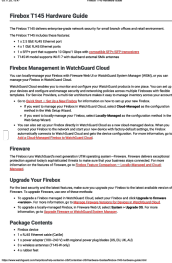
WatchGuard products typically come with a standard hardware warranty. The duration and terms of support are often tied to the purchased management license.

- **Hardware Warranty:** Check your product documentation or WatchGuard's official website for specific warranty periods.
- **Technical Support:** Access to technical support is generally included with an active management license. Support options may vary based on the license type (e.g., 24/7 support with USP Wi-Fi).
- **Online Resources:** Visit the official WatchGuard support portal for knowledge base articles, FAQs, and additional documentation.

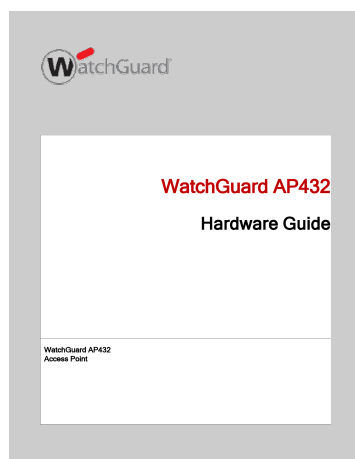
For detailed information regarding your warranty and support entitlements, please refer to the documentation provided with your management license or visit the [WatchGuard Support Website](#).

Related Documents - AP432

 WatchGuard AP230W Hardware Guide Access Point Management	WatchGuard AP230W Hardware Guide This hardware guide for the WatchGuard AP230W provides detailed information on its Wi-Fi 6 capabilities, specifications, installation, management via WatchGuard Cloud, and regulatory compliance for enterprise network deployments.
 WatchGuard AP330 Hardware Guide DRAFT	WatchGuard AP330 Hardware Guide: Specifications, Installation, and Compliance This hardware guide provides detailed specifications, environmental requirements, mounting instructions, connection details, and regulatory compliance information for the WatchGuard AP330 wireless access point.
 WatchGuard AP Quick Start Guide AP330	WatchGuard AP330 Quick Start Guide A concise guide to activating, mounting, connecting, configuring, and troubleshooting the WatchGuard AP330 wireless access point.
 WatchGuard AP Quick Start Guide AP130	WatchGuard AP130 Quick Start Guide This document provides a quick start guide for the WatchGuard AP130 wireless access point. It covers activation, mounting, connection, and basic configuration, along with important notices and compliance information.

	WatchGuard AP130 Hardware Guide: Installation, Specifications, and Compliance Comprehensive hardware guide for the WatchGuard AP130 Access Point, covering specifications, installation, mounting, power options, and regulatory compliance.
	Firebox T145 Hardware Guide - WatchGuard Comprehensive hardware guide for the WatchGuard Firebox T145 and T145-W network security appliances, covering specifications, installation, management, and compliance information.

Documents - WatchGuard – AP432



[\[pdf\]](#) User Manual Documentation Guide

WatchGuard AP432 Hardware Guide Access Point Technologies Inc Users Manual Wireless Q6G Q6GAP432 ap432

WatchGuard **AP432** Hardware Guide WatchGuard **AP432** Access Point WatchGuard Technologies, Inc. 2 About This Guide Information in this guide is subject to change without notice. Companies, names, and data used in examples herein are fictitious unless otherwise noted. No part of this guide may be re...

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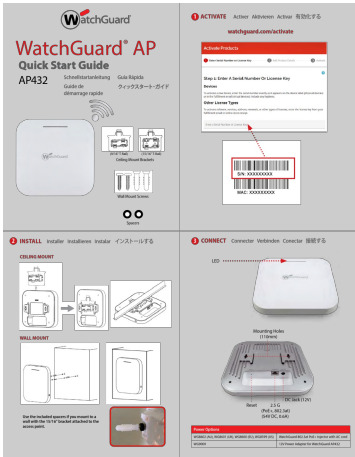


[\[pdf\]](#) Quick Start Guide Troubleshooting Guide Guide

WatchGuard AP432 Quick Start Guide Access Point Technologies Inc Guides AP 432 QSG watchguard help docs quick start guides |||

WatchGuard AP Quick Start Guide **AP432** 1 ACTIVATE YOUR AP GO TO: watchguard.com/activate 2 MOUNT THE AP CEILING MOUNT 9/16 T-Rail 15/16 T-Rail Ceiling Mount Brackets Wall Mount Screws Spacers 3 CONNECT THE AP Plug one end of the Ethernet cable from your network into the LAN PoE port on ...

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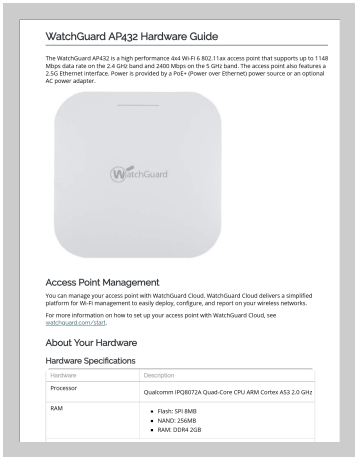


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Declaration of Conformity WatchGuard Technologies, Inc. 255 S. King St., Suite 1100 Seattle, WA 981 ... ives and standards identified in this declaration. Product s : 802.11a/b/g/n/ac/ax Access Point, **AP432** EU Directive s : Low Voltage 2014/35/EU Electromagnetic Compatibility 2014/30/EU Energy-...

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WatchGuard AP432 Hardware Guide BOC IT Security GmbHThe is a high performance 4x4 Wi-Fi 6E 802

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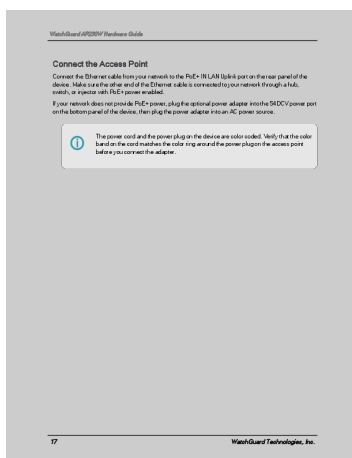
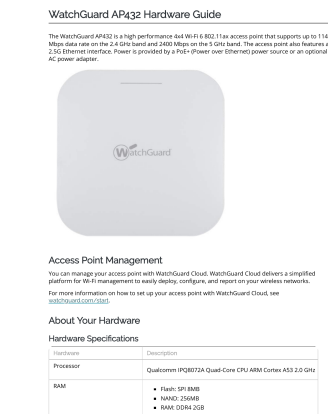
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Declaration of Conformity WatchGuard Technologies Inc. hereby declares that the product s listed below conform to the European Union directives and standards

identified in this declaration. Product s : 802.11 a/b/g/n/ac/ax Access Point, **AP432 EU**

Directive s : Low Voltage 2014/35/EU Electr..

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WatchGuard AP230W Hardware Guide: Setup, Installation, and Specifications

Comprehensive hardware guide for the WatchGuard AP230W wireless access point.

Learn about connection methods, mounting options, power adapters, Ethernet

injectors, and compliance information.

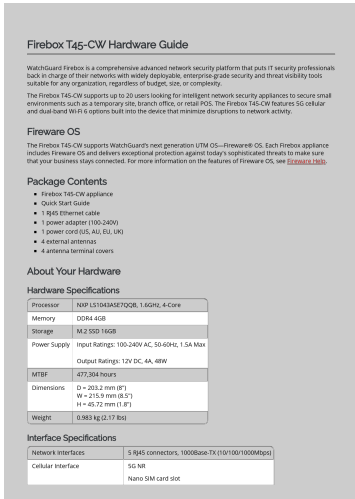
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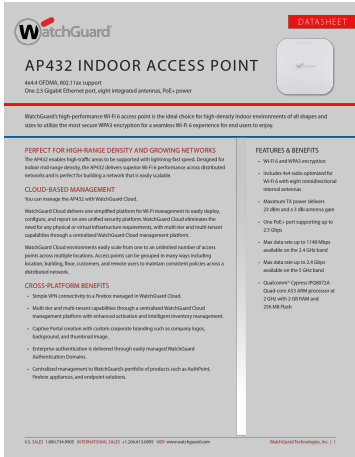
Datasheet AP432 WatchGuard Technologies Download the datasheet Experts v 1664968082 cdn shopify s files 1 0345 4212 5100 |||

D ATA S H E E T **AP432** INDOOR ACCESS POINT 4x4:4 OFDMA, 802.11ax support One 2.5 Gigabit Ethernet port, eight integrated antennas, PoE power WatchGuard s high-performance Wi-Fi 6 access point is the ideal choice for high-density indoor environments of all shapes and sizes to utilize the most secur... lang:en score:34 filesize: 1.2 M page_count: 6 document date: 2022-04-22



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AirMagnet Planner 11.1.0

Release Notes

July 2023

Table of Contents

- Introduction.....1
- Special Notes.....1
- New Features in v11.1.0.....2
- Bug Fixes.....7
- Known Issues.....7
- System Requirements.....8
- Supported File Map Image Formats (MIF).....8
- Release History.....8
- Technical Support.....9

Introduction

AirMagnet Planner enables you to accurately plan and design 802.11a/b/g/n/ac/ax wireless networks on the 2.4GHz, 5GHz, and 6GHz bands without physically visiting and surveying every AP. AirMagnet Planner accounts for building materials, obstructions, access point configurations, antenna patterns and many other variables to provide a reliable predictive map of Wi-Fi signal and performance. The solution offers superior predictive modeling to determine ideal quantity, placement, and configuration of APs for optimal security, performance, and compliance.

This Release Notes highlights issues addressed in the 11.1.0 release in addition to the new features. It also provides basic instructions and important notes regarding the installation and operation of the software.

Special Notes

- You must uninstall any previous version of AirMagnet Planner using the Control Panel before installing the released version of AirMagnet Planner 11.1.0. Do not use the "Repair" function. Using Repair has resulted in unreliable performance in some versions of Windows.
- None when installing on Windows 10 or 11. It is highly recommended to install all available Microsoft updates before installing and running AirMagnet Planner.
- You must have a Cisco "Plus" license to use the Cisco Prime Infrastructure feature.

Page 1 of 9

AirMagnet Planner 11.1.0

Release Notes

PLN-v11.1.0-07172023

[pdf] Release Notes

AMS v60 12619 RLN 08 042508 AirMagnet Survey 6 0 Scott Oatham Seyem Arslan Download User Guides Product Manuals NetAlly PLN ReleaseNotes v11 1 netally |||

AirMagnet Planner 11.1.0 Release Notes July 2023 Table of Contents Introduction 760 RG-RAP2200 E U6 Lite U6 Pro UAP-BeaconHD UAP-FlexHD UAP-nanoHD UDM AP130 AP330 AP332CR AP430CR **AP432** Page 6 of 9

AirMagnet Planner 11.1.0 Release Notes PLN-v11.1.0-07/17/2023 Bug Fixes This ... lang:en score:33 filesize: 348.78 K page_count: 9 document date: 2023-07-05

[pdf] Instructions Specifications Guide

WatchGuard AP430CR Hardware Guide25 Guide AP430CRboc de pub media documents ap430cr 25 srsltid AfrmBOOq2oXGDGi0CJ6UbkuQmq49UdixYbUSCwDBhAdr0eR8qsP83ZWM4 GuideWatchGuard AP430CR25 AfrmBOOq2oXGDGi0CJ6UbkuQmq49UdixYbUSCwDBhAdr0eR8qsP83ZWM4boc AfrmBOOoqUeXiKHRqW ISrf3Qrwj1YBp1ijuu5HZbO5mUDbLPNcQt1JgR AfrmBOOpX211ULMwAKHGe1ABeLe2w2KT7udd2EXgkUhnkG3lgFkkt39F7boc AfrmBOOpLksMH3Qr1fVfc7WvN HD0KLDpfRxxvpVPmCkCW0Tw2J8U1YAcbo ||| ||| WatchGuard AP430CR Hardware Guide The WatchGuard AP430CR is a secure wireless access point designed for indoor/outdoor rugged deployment conditions and built with an industrial-rated IP67 enclosure. The AP430CR features a Wi-Fi 6 802.11ax 2 ||| WatchGuard AP430CR Hardware Guide The WatchGuard AP430CR is a secure wireless access point designed for indoor/outdoor rugged deployment conditions and built with an industrial-rated IP67 enclosure. The AP430CR features a Wi-Fi 6 802.11ax 2 ||| WatchGuard AP430CR Hardware Guide The WatchGuard AP430CR is a secure wireless access point designed for indoor/outdoor rugged deployment conditions and built with an industrial-rated IP67 enclosure. The AP430CR features a Wi-Fi 6 802.11ax 2

WatchGuard AP430CR Hardware Guide The WatchGuard AP430CR is a secure wireless access point designed ... stating the list of exemptions, 6 c ,7 a ,7 C -1 .

Access Points: AP130, AP330, AP332CR, AP430CR, **AP432** Firebox: N5V, T25, T25-W, T45, T45-PoE, T45-W-PoE, T45-CW, T85-PoE, M290, M390, M590, M690 Su... lang:en score:33 filesize: 3.78 M page_count: 31 document date: 2024-01-02

WatchGuard AP430CR Hardware Guide

The WatchGuard AP430CR is a secure wireless access point designed for indoor/outdoor rugged deployment conditions and built with an industrial-rated IP67 enclosure.

The AP430CR features a Wi-Fi 6 802.11ax 2x2 2.4 GHz dual radio and 4x4 5 GHz dual concurrent radio that support up to 1148 Mbps data rate on the 2.4 GHz band and 2400 Mbps on the 5 GHz band.



The AP430CR also has a third 2x2 dual band radio for security scanning, and an integrated Bluetooth (BT) radio.

Power is provided by a PoE+ (Power over Ethernet) power source.



Subject: Confidentiality Request for FCC ID: Q6G-AP432 and IC: 4657A-AP432 ;

Type of Confidentiality Requested		Exhibit
☐ Short Term	☒ Permanent	Block Diagrams

Type of Confidentiality Requested	Exhibit
☐ Short Term	☒ Permanent
☐ Short Term	Black Diagrams
☐ Short Term	External Photos
☐ Short Term	Internal Photos
☐ Short Term	Operation Description/Theory of Operation
☐ Short Term	Part List/Time-Up Procedure
☐ Short Term	Schematics
☐ Short Term	Test Setup Photos
☐ Short Term	User's Manual

Permanent Confidentiality:
The applicant requests the exhibits listed above as permanently confidential be permanently withheld from public review due to materials that contain trade secrets and proprietary information not customarily

Permanent Confidentiality:
The applicant requests the est

Short-Term Confidentiality:
The applicant requests the exhibits selected above as short term confidential be withheld from public view for a period of 181 days from the date of the Grant of Business Review Authorization, and prior to

Short-Term Confidentiality:
The confederate promises the subject

Sincerely,

Sincere

By: Jay Lindemeyer Jay Lindemeyer
(Signature/Title) (Print name)

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Firebox T45 CW Hardware Guide BOC IT Security GmbHThe supports up to 20 users looking for intelligent network security appliances secure small environments such as a temporary site 30

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Guide WatchGuard Firebox is a comprehensive advanced network security platform that puts IT security professionals back in charge of their networks with widely deployable, enterprise-grade security and

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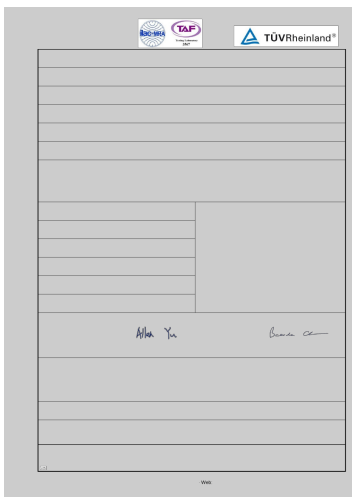
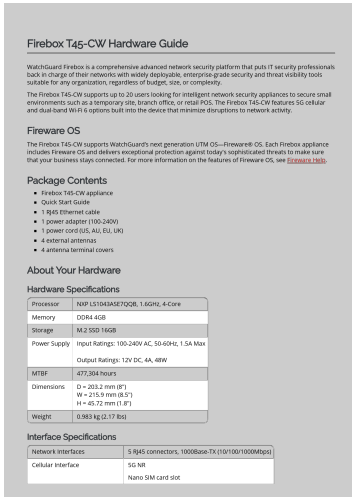
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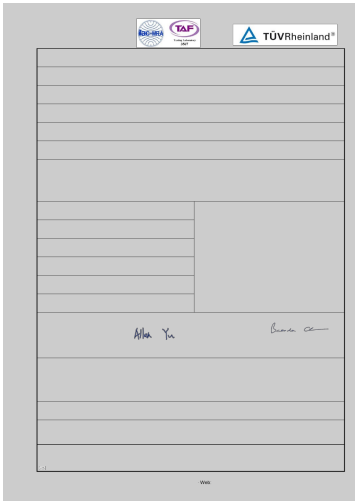


[\[pdf\]](#) Specifications Test Report SAR Rating

ICT SZ RyanGH Yang@tuv RF Exposure Info WatchGuard Technologies Inc AP432 Wireless Access
Point Q6G Q6GAP432 ap432

Pr fbericht - Produkte Test Report - Products Pr fbericht-Nr.: Test report no.: Kunden-
Referenz-Nr.: 505 Fifth Avenue South, Suite 500, Seattle Washington United
States 98104 Wireless Access Point **AP432** FCC Certification IEEE Std C95.1 47
CFR 2.1091 47 CFR 1.1310 Wareneingangsdatum: Date of sa...

lang:de score:29 filesize: 904.66 K page count: 10 document date: 2022-01-19

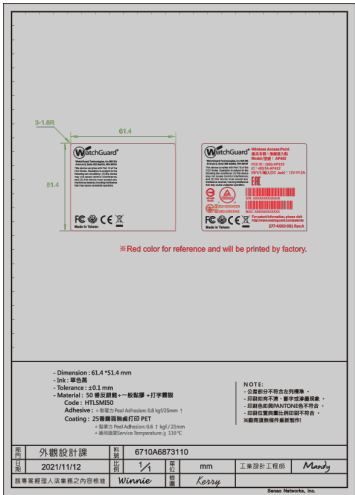


[pdf] Specifications Test Report

Rene Charton Test Report Co located WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

Pr fbericht - Produkte Test Report - Products Pr fbericht-Nr.: Test report no.: Kunden-Referenz-Nr. 505 Fifth Avenue South, Suite 500, Seattle Washington United States 98104 Wireless Access Point **AP432** Spot Checking Emissions FCC FCC 47CFR Part 15: Subpart C Section 15.247 FCC 47CFR Part 15:...

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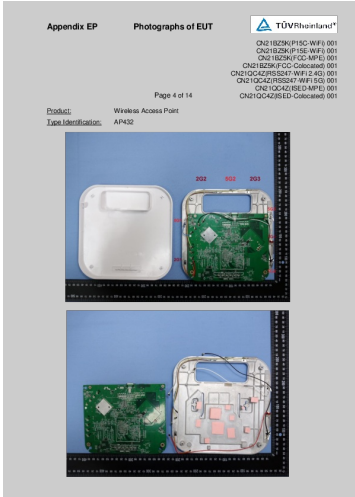


[pdf] Label

6710A6873110 AP432 Cert Label 20211112 watchguard help docs center en US Content Hardware Guides Images |||

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lang:de score:28 filesize: 1003.14 K page_count: 1 document date: 2021-11-12



[pdf] Product Photos Teardown

TUV Rheinland Group Internal Photos WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

Appendix EP Photographs of EUT Product: Type Identification: Page 4 of 14 Wireless Access Point **AP432** CN21BZ5K P15C-WiFi 001 CN21BZ5K P15E-WiFi 001 CN21BZ5K FCC-MPE 001 CN21BZ5K FCC-Colocated 001 CN21QC4Z RSS247-WiFi 2.4G 001 CN21QC4Z RSS247-WiFi 5G 001 CN21QC4Z ISSED-MPE 001 CN21QC4Z ISSED...

lang:en score:27 filesize: 2.88 M page_count: 11 document date: 2022-01-14



[\[pdf\]](#) Product Photos

TUV Rheinland Group Test Setup Photos WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

Appendix SP Photographs of Test Setup Product: Type Identification: Page 1 of 16 Wireless Access Point **AP432** CN21BZ5K P15C-WiFi 001 CN21BZ5K P15E-WiFi 001 CN21BZ5K FCC-MPE 001 CN21BZ5K FCC-Colocated 001 CN21QC4Z RSS247-WiFi 2.4G 001 CN21QC4Z RSS247-WiFi 5G 001 CN21QC4Z ISSED-MPE 001 CN21QC...

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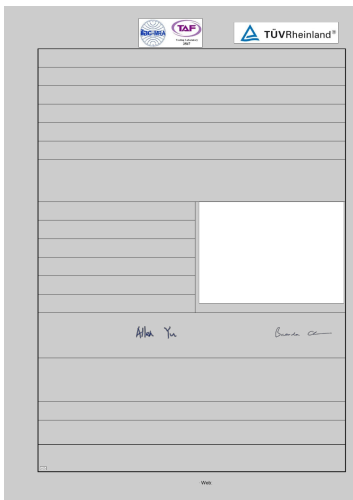


[\[pdf\]](#) Product Photos

TUV Rheinland Group External Photos WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

Appendix EP Photographs of EUT Product: Type Identification: Page 1 of 14 Wireless Access Point **AP432** CN21BZ5K P15C-WiFi 001 CN21BZ5K P15E-WiFi 001 CN21BZ5K FCC-MPE 001 CN21BZ5K FCC-Colocated 001 CN21QC4Z RSS247-WiFi 2.4G 001 CN21QC4Z RSS247-WiFi 5G 001 CN21QC4Z ISSED-MPE 001 CN21QC4Z ISSED...

lang:en **score:26** filesize: 376.21 K page_count: 3 document date: 2022-01-14



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

Rene Charton Test Report DTS WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

Pr fbericht - Produkte Test Report - Products Pr fbericht-Nr.: Test report no.: Kunden-Referenz-Nr.: 505 Fifth Avenue South, Suite 500, Seattle Washington United States 98104 Wireless Access Point **AP432** FCC Part 15C Test report WiFi 2.4GHz FCC 47CFR Part 15: Subpart C Section 15.247PSD Waren...

lang:de **score:25** filesize: 1.92 M page_count: 37 document date: 2022-01-19



[\[pdf\]](#) User Manual

WatchGuard Secure Wi-Fi und AP Modellvergleich Technologies 40 boc de pub media documents
ap230w |||

Top-Grnde fr WatchGuard Secure Wi-Fi Drahtlose Netzwerke sind mittlerweile eine
Notwendigkeit, sowoh ... ieren. MODELLVERGLEICH FR WIRELESS ACCESS
POINTS PRODUKT AP130 AP230W AP330 AP332CR AP430R **AP432** Bereitstellung
Innenbereich Innenbereich Innenbereich Auenbereich IP67 Auenbereich IP67...
lang:de score:23 filesize: 114.1 K page_count: 2 document date: 2024-06-06

[\[pdf\]](#) User Manual

WatchGuard Secure Wi-Fi und AP Modellvergleich Technologies ModellvergleichWatchGuard AP330 6
Access Point Mittlere Dichte BOC IT Security GmbH40 Modellvergleichboc.de/pub/media/documents
ap330_40_ModellvergleichSecure GmbHWatchGuard AP332CR Outdoor Modellvergleich40_ap332cr ||| |||
Top-Grnde fr WatchGuard Secure Wi-Fi Drahtlose Netzwerke sind mittlerweile eine Notwendigkeit,
sowohl um in Verbindung zu bleiben, als auch beim Arbeiten oder Spielen. Wenn ein drahtloses
Netzwerk nicht gesichert ist, knnen Angreifer ganz l

Top-Grnde fr WatchGuard Secure Wi-Fi Drahtlose Netzwerke sind mittlerweile eine
Notwendigkeit, sowoh ... ieren. MODELLVERGLEICH FR WIRELESS ACCESS
POINTS PRODUKT AP130 AP230W AP330 AP332CR AP430R **AP432** Bereitstellung
Innenbereich Innenbereich Innenbereich Auenbereich IP67 Auenbereich IP67...
lang:de score:22 filesize: 114.1 K page count: 2 document date: 2024-06-06

[\[pdf\]](#) User Manual

Access Point Trade Up Gründe Upgrade Pfad WatchGuard Technologies AP130 Wi Fi 6 Geringe Dichte
BOC IT Security GmbH 50 boc de pub media documents ap130 |||

SCHNELLBERSICHT FR DEN VERTRIEB Drei wichtige Grnde zum Trade-up von Wi-Fi Access Points Die durc ... Verschlsslung, schnelleren Geschwindigkeiten und OFDMA-Technologie AP130 AP230W AP330 AP430CR **AP432** Management-Plattform Wi-Fi Cloud / Gateway Wireless Controller GWC Verwaltung von WatchGuar...

lang:de score:22 filesize: 82.08 K page_count: 2 document date: 2024-06-06

[pdf] User Manual

Access Point Trade Up Gründe Upgrade Pfad WatchGuard Technologies AP330 Wi Fi 6 Mittlere Dichte

BOC IT Security GmbH50 Pfadboc de pub media documents ap330 50 GmbHWatchGuard AP332CR

Outdoor Pfad50 ap332cr |||| SCHNELLBERSICHT FR DEN VERTRIEB Drei wichtige Gründe zum

Trade-up von Wi-Fi Access Points Die durchschnittliche Lebensdauer eines Wi-Fi Access Points beträgt fünf

bis acht Jahre. Bei WatchGuard empfehlen wir, Audits für Kundenumgebungen durchzuführen

SCHNELLBERSICHT FR DEN VERTRIEB Drei wichtige Gründe zum Trade-up von

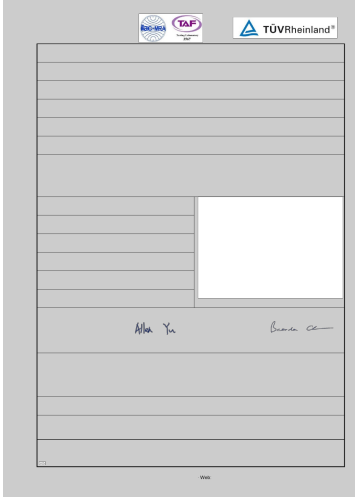
Wi-Fi Access Points Die durch ... Verschlüsselung, schnelleren Geschwindigkeiten und

OFDMA-Technologie AP130 AP230W AP330 AP430CR **AP432** Management-

Plattform Wi-Fi Cloud / Gateway Wireless Controller GWC Verwaltung von

WatchGuard...

lang:de score:22 filesize: 82.08 K page_count: 2 document date: 2024-06-06



[pdf] Specifications Test Report

Rene Charton Test Report NII Part1 WatchGuard Technologies Inc AP432 Wireless Access Point Q6G

Q6GAP432 ap432

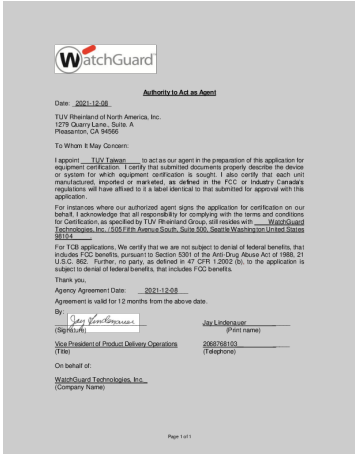
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Referenz-Nr.: 505 Fifth Avenue South, Suite 500, Seattle Washington United

States 98104 Wireless Access Point **AP432** FCC Part 15E Test report WiFi 5GHz

FCC 47CFR Part 15: Subpart E Section 15.407 Wareneingabe...

lang:de score:21 filesize: 4.73 M page_count: 72 document date: 2022-01-19



[pdf] Label

Mahmoud Abu Alaydeh Agency Letter WatchGuard Technologies Inc AP432 Wireless Access Point Q6G

Q6GAP432 ap432

Date: _2021-12-08_ Authority to Act as Agent TUV Rheinland of North America, Inc.

1279 Quarry Lane., Suite. A Pleasanton, CA 94566 To Whom It May Concern: I

appoint ___TUV Taiwan___ to act as our agent in the preparation of this application

for equipment certification. I certify that submitted ...

lang:en score:21 filesize: 122.1 K page_count: 1 document date: 2022-01-19



[pdf]

Datenblatt en WatchGuard Netzteil für AP130 AP225W AP330 AP432 @ OFFICE Partner WG9009 cdn assets office partner de media 46 g0 6a |||

WatchGuard Netzteil - fr WatchGuard AP225W PC-/Server Netzteil - 12 V Gruppe Hersteller Hersteller Art. Nr. EAN/UPC Stromversorgung WatchGuard WG9009 0654522836847 Beschreibung WatchGuard - Netzteil - fr WatchGuard AP225W Hauptmerkmale Produktbeschreibung Gertetyp Ausgangsspannung Ausgabebearschlu...

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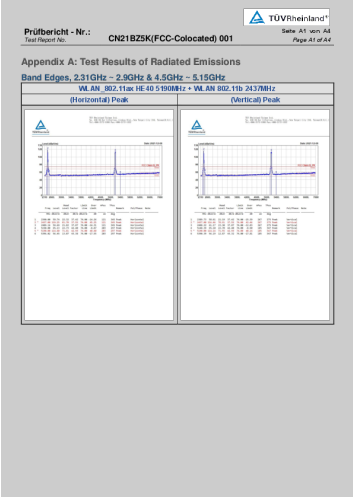


[pdf] Label

Kaylee H Chiang Label and Location WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

Label label location ...

lang:de score:14 filesize: 121.15 K page_count: 1 document date: 2022-01-12

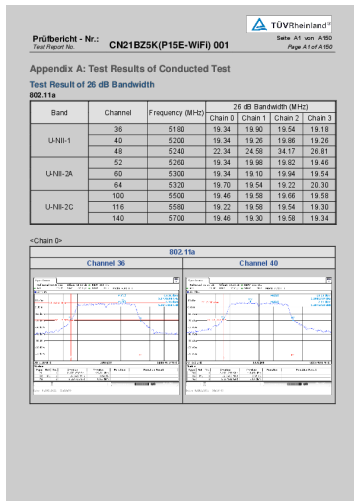


[pdf] Test Report

TUV 966 Test Report Co located A WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

Prüfbericht - Nr.: Test Report No. CN21BZ5K FCC-Colocated 001 Seite A1 von A4 Page A1 of A4 Appendix A: Test Results of Radiated Emissions Band Edges, 2.31GHz - 2.9GHz 4.5GHz - 5.15GHz WLAN_802.11ax HE40 5190MHz WLAN_802.11b 2437MHz Horizontal Peak Vertical Peak Prüfbericht - Nr.: ...

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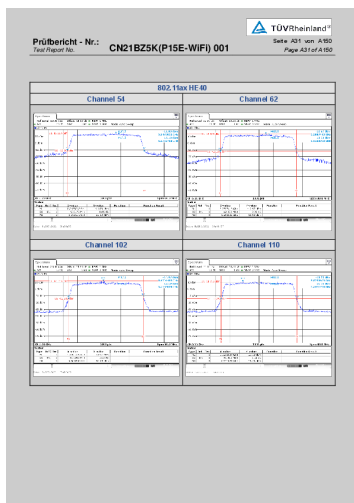


[pdf] Test Report

TUV 966 Test Report NII A Part1 WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

Pr fbericht - Nr.: Test Report No. CN21BZ5K P15E-WiFi 001 Seite A1 von A150 Page A1 of A150 Appendix A: Test Results of Conducted Test Test Result of 26 dB Bandwidth 802.11a Band Channel 26 dB Bandwidth MHz Frequency MHz Chain 0 Chain 1 Chain 2 Chain 3 36 5180 19.34 19.90 19.54 19.18...

lang:de score:14 filesize: 5.34 M page_count: 30 document date: 2022-01-14

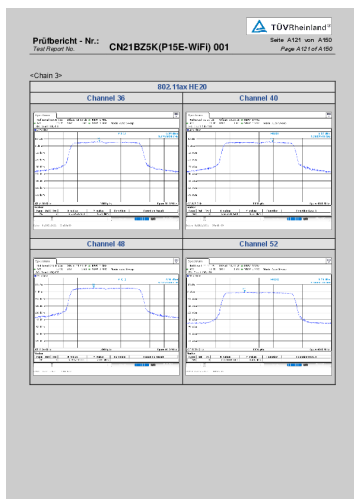


[pdf] Test Report

TUV 966 Test Report NII A Part2 WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

Pr fbericht - Nr.: Test Report No. CN21BZ5K P15E-WiFi 001 Seite A31 von A150 Page A31 of A150 Channel 54 802.11ax HE40 Channel 62 Channel 102 Channel 110 Pr fbericht - Nr.: Test Report No. CN21BZ5K P15E-WiFi 001 Channel 134 802.11ax HE40 Seite A32 von A150 Page A32 of A150 Pr fber...

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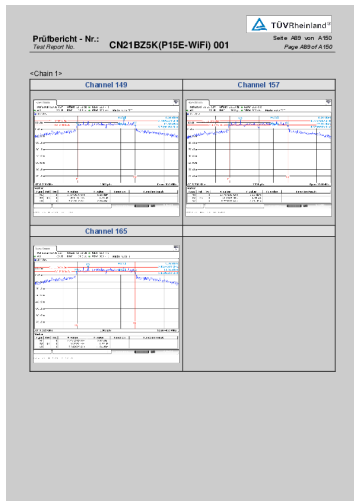


[pdf] Test Report

TUV 966 Test Report NII A Part5 WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

Pr fbericht - Nr.: Test Report No. CN21BZ5K P15E-WiFi 001 Seite A121 von A150 Page A121 of A150 Chain 3 Channel 36 802.11ax HE20 Channel 40 Channel 48 Channel 52 Pr fbericht - Nr.: Test Report No. CN21BZ5K P15E-WiFi 001 Seite A122 von A150 Page A122 of A150 Channel 60 802.11ax HE...

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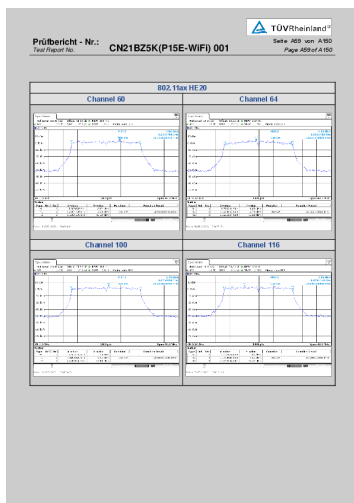


[\[pdf\]](#) Test Report

TUV 966 Test Report NII A Part4 WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

Pr fbericht - Nr.: Test Report No. CN21BZ5K P15E-WiFi 001 Seite A89 von A150
Page A89 of A150 Chain 1 Channel 149 Channel 157 Channel 165 Pr fbericht - Nr.:
Test Report No. CN21BZ5K P15E-WiFi 001 Seite A90 von A150 Page A90 of A150
Chain 2 Channel 149 Channel 157 Channel 165 ...

lang:de score:14 filesize: 5.44 M page_count: 32 document date: 2022-01-14



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

TUV 966 Test Report NII A Part3 WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

Pr fbericht - Nr.: Test Report No. CN21BZ5K P15E-WiFi 001 Seite A59 von A150
Page A59 of A150 Channel 60 802.11ax HE20 Channel 64 Channel 100 Channel 116
Pr fbericht - Nr.: Test Report No. CN21BZ5K P15E-WiFi 001 Seite A60 von A150
Page A60 of A150 Channel 140 802.11ax HE20 Channel ...

lang:de score:14 filesize: 5.38 M page_count: 30 document date: 2022-01-14

Prüfbericht - Produkte
Test Report - Products

Prüfbericht - Nr.: CN21BZ5K(P15E-WiFi) 001 Seite 73 von 120
Test Report No. Page 73 of 120

Statistical Performance Check

Modulation Mode: 802.11ax HE20 (Band 2)

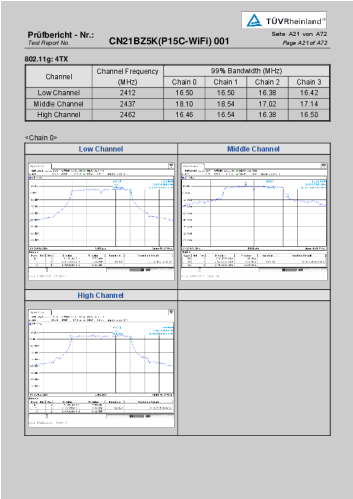
Factor Type	Number of Trials	Number of Successful Detections	Probability	Limit	Result
1	30	29	97%	95%	Pass
2	30	28	93%	90%	Pass
3	30	28	93%	90%	Pass
4	30	23	77%	90%	Pass
Average			93%	90%	Pass
5	30	30	100%	90%	Pass
6	30	30	100%	90%	Pass

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

Rene Charton Test Report NII Part2 WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

Pr fbericht - Produkte Test Report - Products Pr fbericht - Nr.: Test Report No.
CN21BZ5K P15E-WiFi 001 Seite 73 von 120 Page 73 of 120 Statistical Performance
Check Modulation Mode: 802.11ax HE20 Band 2 Radar Type Number of Trials
Number of Successful Detections 1 30 29 2 30 26 3...

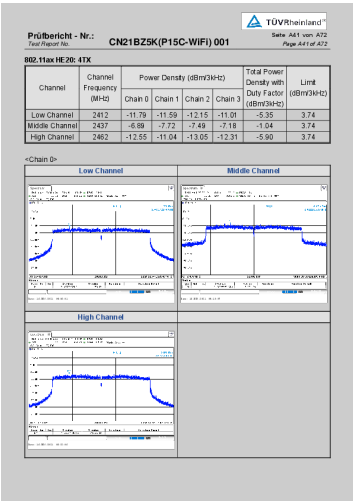
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[pdf] Test Report

TUV 966 Test Report DTS A Part2 WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

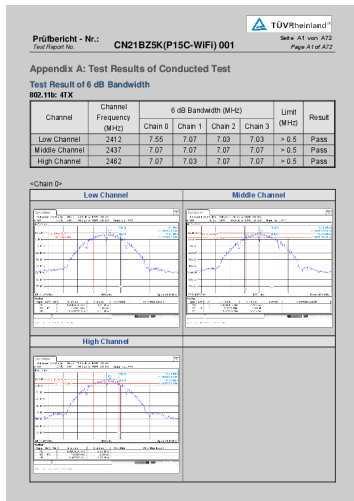
Pr fbericht - Nr.: Test Report No. CN21BZ5K P15C-WiFi 001 Seite A21 von A72 Page A21 of A72 802.11g: 4TX Channel Low Channel Middle Channel High Channel Channel Frequency MHz 2412 2437 2462 Chain 0 16.50 18.10 16.46 99 Bandwidth MHz Chain 1 Chain 2 16.50 16.38 18.54 17.02 16.54 1... lang:de score:14 filesize: 3.11 M page_count: 20 document date: 2022-01-19



[pdf] Test Report

TUV 966 Test Report DTS A Part3 WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

Pr fbericht - Nr.: Test Report No. CN21BZ5K P15C-WiFi 001 Seite A41 von A72 Page A41 of A72 802.11ax HE20: 4TX Channel Channel Frequency MHz Power Density dBm/3kHz Total Power Density with Limit Duty Factor dBm/3kHz Chain 0 Chain 1 Chain 2 Chain 3 dBm/3kHz Low Channel Middle Chan... lang:de score:14 filesize: 5.24 M page_count: 32 document date: 2022-01-19

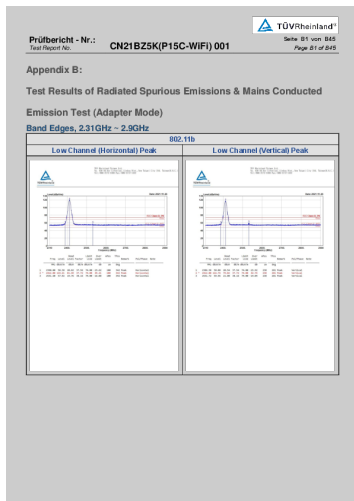


[\[pdf\]](#) Test Report

TUV 966 Test Report DTS A Part1 WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

Prüfbericht - Nr.: Test Report No. CN21BZ5K P15C-WiFi 001 Seite A1 von A72 Page A1 of A72 Appendix A: Test Results of Conducted Test Test Result of 6 dB Bandwidth 802.11b: 4TX Channel Channel Frequency MHz 6 dB Bandwidth MHz Chain 0 Chain 1 Chain 2 Chain 3 Low Channel 2412 7.55 7.07...

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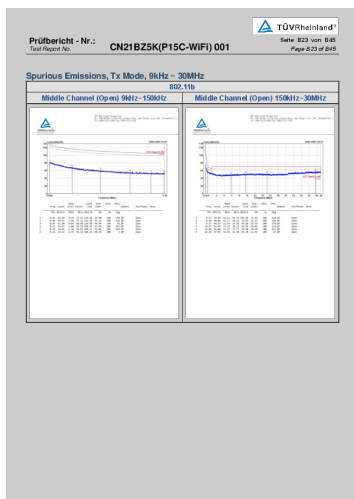


[\[pdf\]](#) Test Report

TUV 966 Test Report DTS B Part1 WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

Prüfbericht - Nr.: Test Report No. CN21BZ5K P15C-WiFi 001 Seite B1 von B45 Page B1 of B45 Appendix B: Test Results of Radiated Spurious Emissions Mains Conducted Emission Test Adapter Mode Band Edges, 2.31GHz - 2.9GHz Low Channel Horizontal Peak 802.11b Low Channel Vertical Peak ...

lang:de score:13 filesize: 3.34 M page_count: 22 document date: 2022-01-14

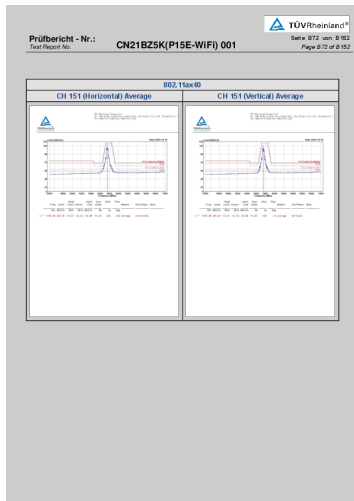


[\[pdf\]](#) Test Report

TUV 966 Test Report DTS B Part2 WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

Prüfbericht - Nr.: Test Report No. CN21BZ5K P15C-WiFi 001 Seite B23 von B45 Page B23 of B45 Spurious Emissions, Tx Mode, 9kHz - 30MHz 802.11b Middle Channel Open 9kHz-150kHz Middle Channel Open 150kHz-30MHz Prüfbericht - Nr.: Test Report No. CN21BZ5K P15C-WiFi 001 Seite B24 von B45...

lang:de score:13 filesize: 3.36 M page_count: 23 document date: 2022-01-14



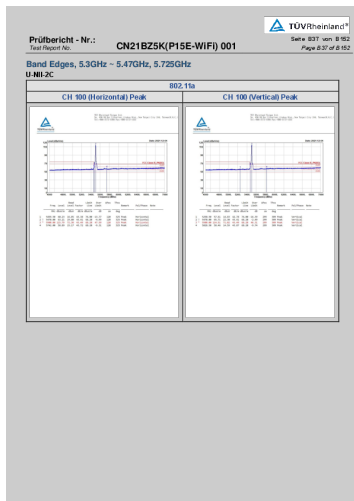
[\[pdf\]](#) Test Report

TUV 966 Test Report NII B Part3 WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

Pr fbericht - Nr.: Test Report No. CN21BZ5K P15E-WiFi 001 Seite B72 von B152
Page B72 of B152 802.11ax40 CH 151 Horizontal Average CH 151 Vertical Average

Pr fbericht - Nr.: Test Report No. CN21BZ5K P15E-WiFi 001 Seite B73 von B152
Page B73 of B152 CH 159 Horizontal Peak 802.11ax40...

lang:de score:13 filesize: 5.45 M page_count: 39 document date: 2022-01-14



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TUV 966 Test Report NII B Part2 WatchGuard Technologies Inc AP432 Wireless Access Point Q6G Q6GAP432 ap432

Pr fbericht - Nr.: Test Report No. CN21BZ5K P15E-WiFi 001 Seite B37 von B152
Page B37 of B152 Band Edges, 5.3GHz - 5.47GHz, 5.725GHz U-NII-2C 802.11a CH
100 Horizontal Peak CH 100 Vertical Peak Pr fbericht - Nr.: Test Report No.
CN21BZ5K P15E-WiFi 001 Seite B38 von B152 Page B38 of B152...

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