

Sagemcom RAC2V1S

Sagemcom RAC2V1S 802.11ac Wave 2 Wireless Router User Manual

Model: RAC2V1S (FAST 5280) | Brand: Sagemcom

1. INTRODUCTION AND OVERVIEW

The Sagemcom RAC2V1S 802.11ac Wave 2 Wireless Router is designed to provide high-speed internet connectivity for your home or office network. Utilizing the latest 802.11ac wireless technology, it offers maximum speed and extended range without the need for cumbersome wires. Its dual-band feature supports both next-generation technology and ensures compatibility with legacy devices.

This router is engineered to minimize wireless interference, ensuring high WiFi speeds and smooth, reliable connections for various activities such as gaming, HD video streaming, and large file transfers. It incorporates industry-standard security features like WPA2 encryption and an SPI firewall to protect your network from unauthorized access. The intuitive web graphical user interface (GUI) allows for easy customization of settings and device management. Additionally, parental controls are available to manage internet access. With a built-in USB port and DLNA media server, the RAC2V1S facilitates easy sharing of USB storage devices or printers across your network. Gigabit Ethernet technology enables blazing fast file transfers, and its IPv6 capability ensures support for next-generation networks.

2. PACKAGE CONTENTS

Please verify that all items are present in your product package:

- Sagemcom RAC2V1S Wireless Router
- Ethernet Cord
- Power Adapter

3. PHYSICAL OVERVIEW



Figure 3.1: Front View of the Router

This image displays the sleek, vertical design of the Sagemcom RAC2V1S router, featuring a blue LED indicator light at the base, signifying its operational status. The top and sides include ventilation patterns for heat dissipation.



Figure 3.2: Rear View of the Router

This image shows the rear panel of the Sagemcom RAC2V1S router, highlighting its connectivity options. Key features include: (1) Reset button, (2) WPS button, (3) Four Ethernet LAN ports (numbered 1-4), (4) Internet (WAN) port, (5) USB port, and (6) Power input. These ports allow for wired connections to devices and your modem, as well as power and USB device integration.

4. SETUP GUIDE

- 1. Positioning the Router:** Place the router in a central location in your home or office, away from obstructions and other electronic devices that may cause interference. Ensure good ventilation around the unit.
- 2. Connect to Modem:** Connect one end of the provided Ethernet cable to the Internet (WAN) port (labeled 4 in Figure 3.2) on the back of the router. Connect the other end of the Ethernet cable to your broadband modem's Ethernet port.
- 3. Power On:** Connect the power adapter to the Power input (labeled 6 in Figure 3.2) on the router and plug the other end into an electrical outlet. The router's LED indicator light on the front will illuminate, typically blue, signifying it is

powering on. Wait for the light to become solid, which signifies a stable connection.

4. **Connect Devices (Wired):** For wired connections, use additional Ethernet cables to connect your computers, gaming consoles, or other network devices to any of the four Ethernet LAN ports (labeled 3 in Figure 3.2).
5. **Connect Devices (Wireless):**
 - Locate the Wi-Fi Network Name (SSID) and Password (Network Key) usually found on a sticker on the bottom or back of your router.
 - On your wireless device (smartphone, tablet, laptop), search for available Wi-Fi networks.
 - Select your router's SSID from the list and enter the password when prompted.
6. **Access Router Settings (Optional):** To customize advanced settings, open a web browser on a connected device and enter the router's default IP address (usually 192.168.1.1 or 192.168.0.1) into the address bar. Log in using the default username and password (also typically found on the router sticker).

5. OPERATING INSTRUCTIONS

- **Dual-Band Operation:** The router operates on both 2.4 GHz and 5 GHz frequency bands. The 2.4 GHz band offers wider coverage, while the 5 GHz band provides faster speeds for devices closer to the router. Your devices will automatically connect to the optimal band, or you can manually select them if your router broadcasts separate SSIDs for each band.
- **WPS (Wi-Fi Protected Setup):** To quickly connect WPS-compatible devices, press the WPS button (labeled 2 in Figure 3.2) on the router and then activate WPS on your device within two minutes.
- **USB Port Functionality:** The built-in USB port (labeled 5 in Figure 3.2) allows you to connect USB storage devices (like external hard drives or flash drives) to share files across your network, or connect a compatible printer to enable network printing. Access and configuration for these features are typically done through the router's web GUI.
- **Parental Controls:** Utilize the parental control features via the web GUI to manage internet access times, block specific websites, or filter content for connected devices.
- **Guest Network:** For enhanced security, consider setting up a separate guest Wi-Fi network through the router's web GUI. This allows guests to access the internet without gaining access to your main network resources.

6. MAINTENANCE

- **Regular Reboots:** Periodically rebooting your router (unplugging the power for 10-15 seconds and plugging it back in) can help resolve minor connectivity issues and improve performance.
- **Firmware Updates:** Check the Sagemcom support website for firmware updates. Keeping your router's firmware up-to-date ensures optimal performance, security, and access to new features.
- **Physical Cleaning:** Keep the router clean and free of dust, especially around the ventilation areas, to prevent overheating. Use a soft, dry cloth for cleaning.
- **Secure Placement:** Ensure the router is placed on a stable surface and is not easily knocked over. Avoid placing it in enclosed spaces that can restrict airflow.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No Internet Connection	Modem or router issue, incorrect cable connection.	Check if the modem is working correctly. Ensure the Ethernet cable from the modem is securely connected to the router's Internet (WAN) port. Reboot both the modem and the router.
Slow Wi-Fi Speed	Interference, too many devices, outdated firmware, poor router placement.	Move the router away from other electronics. Limit the number of active devices or consider upgrading your internet plan. Ensure router firmware is up-to-date. Optimize router placement for better signal strength.
Wi-Fi Signal Drops Frequently	Interference, channel congestion, router overheating.	Change Wi-Fi channels in the router's settings to avoid interference. Ensure proper ventilation for the router. Perform a router reboot.
Cannot Access Router GUI	Incorrect IP address, network issue, browser cache.	Verify the correct IP address (e.g., 192.168.1.1). Clear your browser's cache and cookies. Try a different web browser or device. Ensure your device is connected to the router's network.
Forgot Wi-Fi Password or Admin Password	Password lost or forgotten.	Perform a factory reset using the Reset button (labeled 1 in Figure 3.2). Note: This will erase all custom settings. After reset, use the default SSID and password found on the router sticker.

8. SPECIFICATIONS

Feature	Detail
Brand	Sagemcom
Model Name	RAC2V1S
Item Model Number	FAST 5280
Wireless Standard	802.11ac Wave 2
Frequency Band Class	Dual-Band (2.4 GHz and 5 GHz)
Ethernet Ports	4 x Gigabit LAN ports
USB Port	Yes (for storage devices or printer)
Security	WPA2 personal, SPI firewall
Special Feature	WPS
Dimensions (L x W x H)	12.36 x 6.81 x 6.54 inches (Package Dimensions)
Item Weight	2 pounds


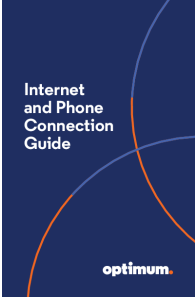

Feature	Detail
Connectivity Technology	Wi-Fi
Recommended Uses	Gaming, HD video streaming, file transfers

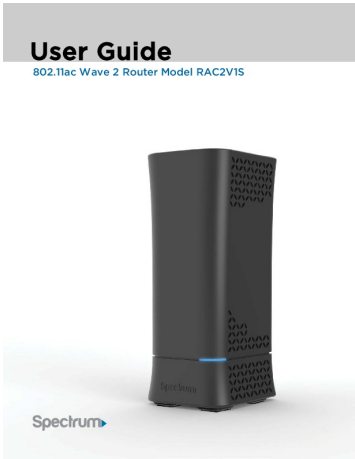
9. WARRANTY AND SUPPORT

For warranty information, technical support, and additional resources, please refer to the documentation included with your Sagemcom RAC2V1S router or visit the official Sagemcom support website. You may also contact your internet service provider for assistance, as this router is often provided by them.

Regularly check the manufacturer's website for the latest drivers, firmware updates, and troubleshooting guides to ensure optimal performance and security of your device.

Related Documents - RAC2V1S

	<p>Sagemcom FAST 5285 Router: Safety, Installation, and FCC Compliance</p> <p>Essential safety, installation, and FCC compliance information for the Sagemcom FAST 5285 wireless router, including usage instructions and regulatory statements.</p>
	<p>Optimum Internet and Phone Connection Guide</p> <p>A comprehensive guide from Optimum to help users set up their new Internet and phone services, covering modem and router installation, wireless network configuration, and troubleshooting.</p>
	<p>Sagemcom F@ST 5670/5670 V2: Telekom Szereld Magad Útmutató</p> <p>Ez a Telekom által kiadott, Sagemcom F@ST 5670/5670 V2 internet modemhez készült átfogó 'Szereld Magad' útmutató. A kézikönyv lépésről lépésre tartalmazza a telepítési, eszközbeállítási, Wi-Fi konfigurációs és hibaelhárítási útmutatásokat, biztosítva a zökkenőmentes otthoni internetezést.</p>



[pdf] User Manual Installation Guide Guide

myesu01 User Guide Install your Wireless Router Sagemcom and the logo are trademarks or registered of Broadband SAS its subsidiaries in The model RAC2V1S router referred to throughout this manual as is built with a host features deliver maximum speed performance Wave 2 d15yx0mnc9teae cloudfront net sites default files Thank you for choosing manufactured by use Spectrum services 802 11ac Enabling WPS Push Button Pairing AC technology Using latest 4bf606ad 6877 4891 afb0 6957569a8060 f01 justanswer IT Joe Model Trademarks wireless provides range without hassle cumbersome wires Can be used both 4 5GHz networks if enabled through web GUI 3 LAN network ports Connects devices using Ethernet cables Internet port WAN Network modem provided cable 5 USB storage printers 6 Power input July 7 2017 dsreports r0 2360838~8acbe2869562959ac9e785c32eae92e5 User Guide 802.11ac Wave 2 Router Model **RAC2V1S** Trademarks Sagemcom and the Sagemcom logo are trademarks or registered trademarks of Sagemcom Broadband SAS or its subsidiaries in the United States or other countries. All other company or product names mentioned herein are trademarks or registered ... lang:en score:36 filesize: 1.87 M page_count: 60 document date: 2017-07-03

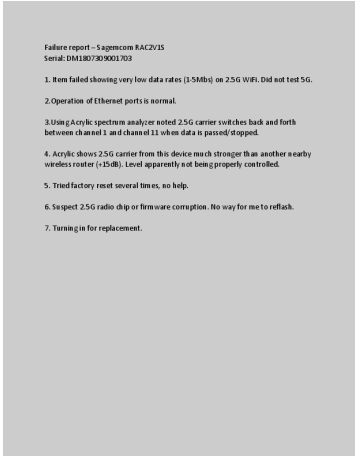


[pdf] User Manual

User Manual SAGEMCOM BROADBAND SAS FAST5280 Wireless Home Router VW3FAST5280 fast5280

Setting Up WiFi 802.11ac Wave 2 Router Identify your equipment Note: You should already have a coax ... et USB power Safety and Certifications Important Information about the Sagemcom FAST 5280 aka. **RAC2V1S** : Installation and Safe Usage Instructions: 1. Place the router in a vertical orientation on...

lang:en score:31 filesize: 2.31 M page_count: 4 document date: 2017-06-07



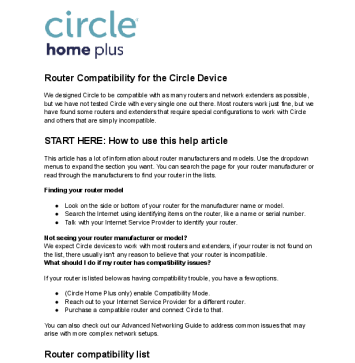
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Robert Edmonds Failure report Sagemcom RAC2V1S Serial DM1807309001703 1 Item failed showing very low data rates 5Mbps on 2 5G WiFi Did not test dsreports r0

2367171~79e714d2653d6a52f82d9726b5e01f50 |||

Failure report Sagemcom **RAC2V1S** Serial: DM1807309001703 1. Item failed showing very low data rates 1-5Mbps on 2.5G WiFi. Did not test 5G. 2.Operation of Ethernet ports is normal. 3.Using Acrylic spectrum analyzer noted 2.5G carrier switches back and forth between channel 1 and channel 11 when data...

lang:en score:30 filesize: 69.33 K page_count: 1 document date: 2018-09-12



Circle Device Router Compatibility Guide

Find compatible routers and network extenders for your Circle device. This guide lists tested models and provides troubleshooting tips for network compatibility issues.

lang:en score:28 filesize: 91.51 K page_count: 6 document date: 0000-00-00



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

Setting Up WiFi 1 2 3 Identify your equipment Note You should already have a coax cable connected to modem Unplug the Connect and router b Need more help c wireless device 802 11ac Wave Router Safety Certifications 253723558 21 March 2017 Important Information about Sagemcom FAST 5280 aka RAC2V1S Installation Safe Usage Instructions FAST5280 Users Manual SAGEMCOM BROADBAND SAS vw3fast5280 ex 10 electric garden sagemcom broadband sas vw3 manuals

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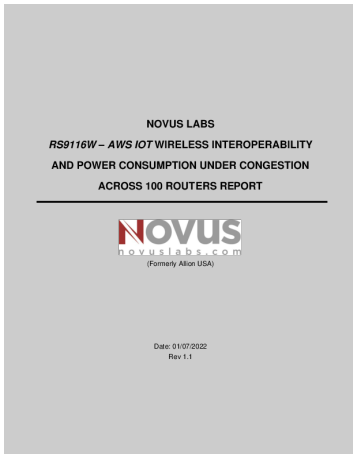
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RS9116W IoT Wireless Interoperability Report SiliconLabs@silabs onmicrosoft novus siliconlabs power consumption iop 01 16 2022 jp silabs documents login application notes Silicon Labs independent third party test labs janv — Netgear C6220 100NAS V1 02 11 R6230 1 110 AP Make Model Firmware R6250 4 38 10 30 Home Security Camera Solutions Below are the key highlights from testing conducted on WiseConnect AWS SoC Robust secure connectivity and interoperability LabsRS9116W LabsBelow interoperability16 NetgearHome LabsHome Labssilabs 2022silabs 2022jp Labs Below Labs188 app home 188 188 188 betapp v1silabs 2022gzsyljc |||

NOVUS LABS RS9116W AWS IOT WIRELESS INTEROPERABILITY AND POWER CONSUMPTION UNDER CONGESTION ACROSS ... R6260 Nighthawk EAX80 RBR850 Base Station RBS850 Sattelite SuperPod B1A Core RC10 F ST1704N **RAC2V1S** Smart Things WiFi ET-WV525 Almond 2015 SMCD3GNV RAC2V1A RAC2V1K CGM4140COM XB6-T C2000T ...

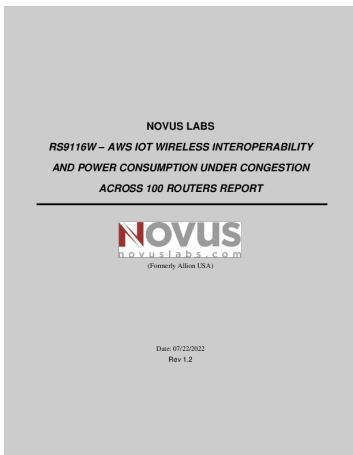
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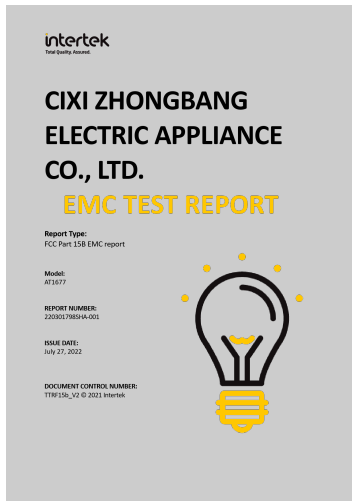


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RS9116W IoT Wireless Interoperability Report twatari novus siliconlabs power consumption iop 07 22 2022 cn silabs documents login application notes ||| ||| NOVUS LABS RS9116W AWS IOT WIRELESS INTEROPERABILITY AND POWER CONSUMPTION UNDER CONGESTION ACROSS 100 ROUTERS REPORT Formerly Allion USA Date: 07/22/2022 Rev 1.2 RS9116W WiseConne NOVUS LABS RS9116W AWS IOT WIRELESS INTEROPERABILITY AND POWER CONSUMPTION UNDER CONGESTION ACROSS ... Ubiquiti Networks Ubiquiti Networks AP Make Verizon Verizon Xiaomi Xiaomi Core RC10 R300 F ST1704N **RAC2V1S** Smart Things WiFi ET-WV525 SMCD3GNV RAC2V1A RAC2V1K CGM4331COM XB7-T and xFi Pod XE2-SG...

lang:en score:14 filesize: 575.34 K page_count: 10 document date: 2022-07-22





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

Wade Zhang Intertek Test reports CIXI ZHONGBANG ELECTRIC APPLIANCE CO LTD AT1677 Fan Heater Smart 2A63W 2A63WAT1677 at1677

CIXI ZHONGBANG ELECTRIC APPLIANCE CO., LTD. EMC TEST REPORT Report Type: FCC Part 15B EMC report Mod ... Is list Item No 1 2 Description Tablet Wireless Router Band and Model HUAWEI; JDN2-W09 SAGEMCOM; **RAC2V1S** S/No UPK9X20B03003100 253703944 2.5 Support Cable list Item No Description N/A N/A Le...

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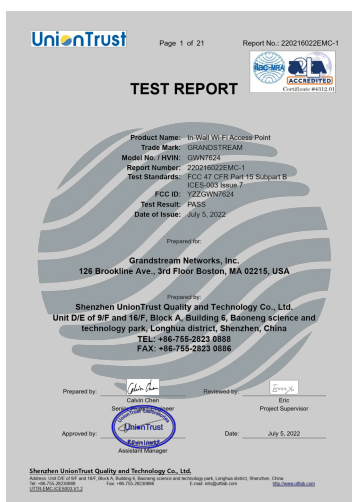


[\[pdf\]](#) Specifications Test Report

Nemo Li Intertek 220201028SHA 006 Report DFS FCC Part 15 407 Rev1 Harman International Industries Inc AP72598V APIAP72598V ap72598v

Harman International Industries, Inc. RF TEST REPORT SCOPE OF WORK: FCC Part 15.407 ISSED RSS-247 R ... Description Laptop computer Wireless Router Master Manufacturer DELL 5480 SAGEMCOM Model No. - **RAC2V1S** Note - FCC ID: VW3FAST5280 TTRFFCCDFS-01_V1 2018 Intertek Page 8 of 20 Report No.: 220...

lang:en score:11 filesize: 657.11 K page_count: 20 document date: 2022-05-12



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

223 kevin liang Test reports Grandstream Networks Inc GWN7624 In Wall Wi Fi Access Point YZZGWN7624 gwn7624

Page 1 of 21 Report No.: 220216022EMC-1 TEST REPORT Product Name: Trade Mark: Model No. / HVIN: R ... 720-480-050 Notebook DELL Latitude 3400 AC Adapter DELL DA65PM111 Wireless Router SAGEMCOM **RAC2V1S** Mouse DELL 3D OPTICAL Notebook DELL Latitude 3400 Serial Number N/A 16238087894 MK947...

lang:en score:10 filesize: 1.18 M page_count: 21 document date: 2022-07-05

UnionTrust Page 1 of 115 Report No.: 220218001RFC-4

TEST REPORT

Product Name: IP Phone
Trade Mark: GRANDSTREAM
Model No.: GRP2650
HVIN: GRP2650
Report Number: 220218001RFC-4
Test Standards: FCC 47 CFR Part 15 Subpart E
RSS-247 Issue 3
RSS-Cen Issue 5
FCC ID: YZZGRP2650
IC: 11954A GRP2650
Test Result: PASS
Date of Issue: June 28, 2022

Prepared for:
Grandstream Networks, Inc.
126 Brookline Ave., 3rd Floor Boston, MA 02215, USA

Prepared by:
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Approved by: [Signature] Reviewed by: [Signature]
Date: June 28, 2022

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[pdf] Test Report

kevin liang Test reports Grandstream Networks Inc GRP2650 IP Phone YZZGRP2650 grp2650

Page 1 of 115 Report No.: 220218001RFC-4 TEST REPORT Product Name: IP
Phone Trade Mark: GRANDSTREA ... /A N/A UnionTrust IP Phone GRANDSTREAM
GRP2614 N/A N/A Applicant Wireless Router SAGEMCOM **RAC2V1S** N/A
VW3FAST5280 UnionTrust Key-Press Attenuator Huaxin KT2.5-90/1S-2S N/A N/A
UnionT...

lang:en score:10 filesize: 1.57 M page_count: 20 document date: 2022-07-04