

WECB460 WEB GUI Guide

FCC Statement:

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

This device and its antennas(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

This device is going to be operated in 5.15~5.25GHz frequency range, it is restricted in indoor environment only.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

IC Statement:

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

Pour les produits disponibles aux États-Unis / Canada du marché, seul le canal 1 à 11 peuvent être exploités. Sélection d'autres canaux n'est pas possible.

This device and its antennas(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with IC multi-transmitter product procedures.

Cet appareil et son antenne (s) ne doit pas être co-localisés ou fonctionnement en association avec une autre antenne ou transmetteur.

The device for the band 5150-5250 MHz is only for indoor usage to reduce potential for harmful interference to co-channel mobile satellite systems.

les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

IC Radiation Exposure Statement:

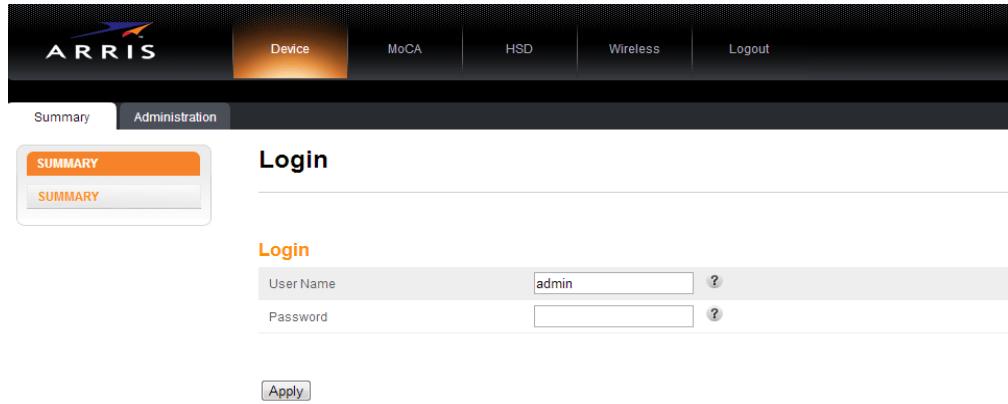
This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies

pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

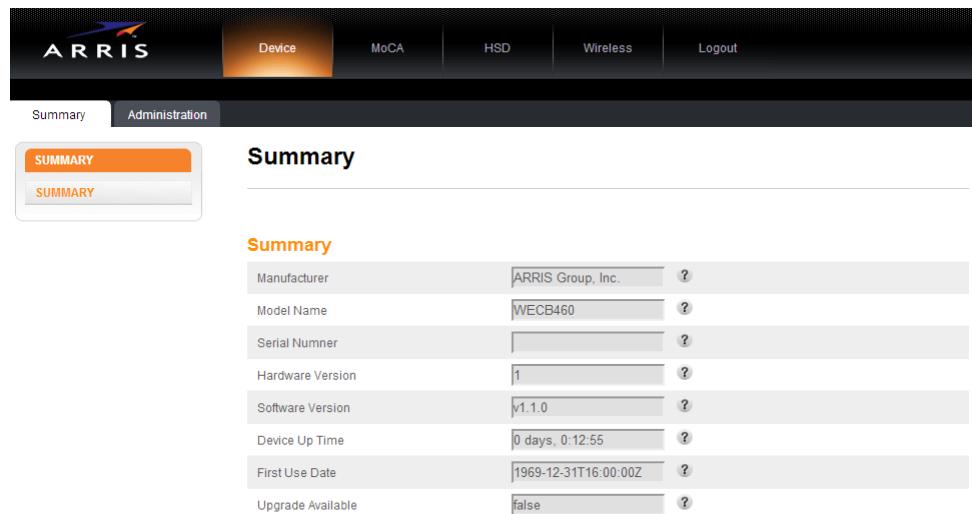
1. Basic WEB GUI

- Connect to WECB (<http://www.myarrismocarepeater.net>) via web browser



The screenshot shows the ARRIS WECB login page. The top navigation bar includes the ARRIS logo, a 'Device' button (which is orange and highlighted), 'MoCA', 'HSD', 'Wireless', and 'Logout' buttons. Below the navigation is a sub-navigation bar with 'Summary' and 'Administration' buttons, where 'Summary' is highlighted. The main content area is titled 'Login' with a sub-section 'Login'. It contains two input fields: 'User Name' with the value 'admin' and 'Password' (empty). Below the password field is a question mark icon. At the bottom is an 'Apply' button.

- Login with **admin/password**, the web page will be automatically redirected to device summary page. The read-only field display in grey out font style.



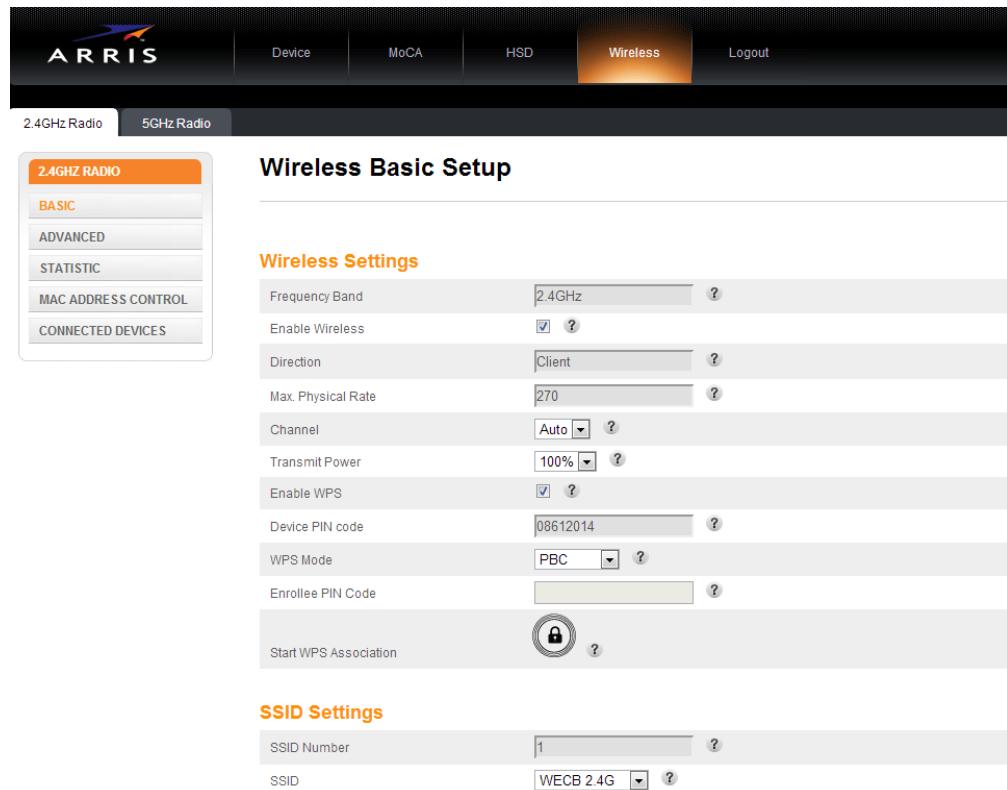
The screenshot shows the ARRIS WECB summary page. The top navigation bar is identical to the login page. The sub-navigation bar shows 'Summary' and 'Administration' buttons, with 'Summary' highlighted. The main content area is titled 'Summary' with a sub-section 'Summary'. It displays a table of device information with the following data:

Manufacturer	ARRIS Group, Inc.
Model Name	WECB460
Serial Number	
Hardware Version	1
Software Version	v1.1.0
Device Up Time	0 days, 0:12:55
First Use Date	1969-12-31T16:00:00Z
Upgrade Available	false

2. 2.4G WiFi

a. Click “Wireless” tag on the top, the wireless basic setup page will be displayed.

User may modify the wireless setting here.



The image shows the ARRIS Wireless Basic Setup interface. At the top, there is a navigation bar with the ARRIS logo and links for Device, MoCA, HSD, Wireless (which is highlighted in orange), and Logout. Below the navigation bar, there are two tabs: 2.4GHz Radio (selected) and 5GHz Radio. On the left, a sidebar menu includes 2.4GHz RADIO (selected), BASIC, ADVANCED, STATISTIC, MAC ADDRESS CONTROL, and CONNECTED DEVICES. The main content area is titled "Wireless Basic Setup" and contains two sections: "Wireless Settings" and "SSID Settings".

Wireless Settings

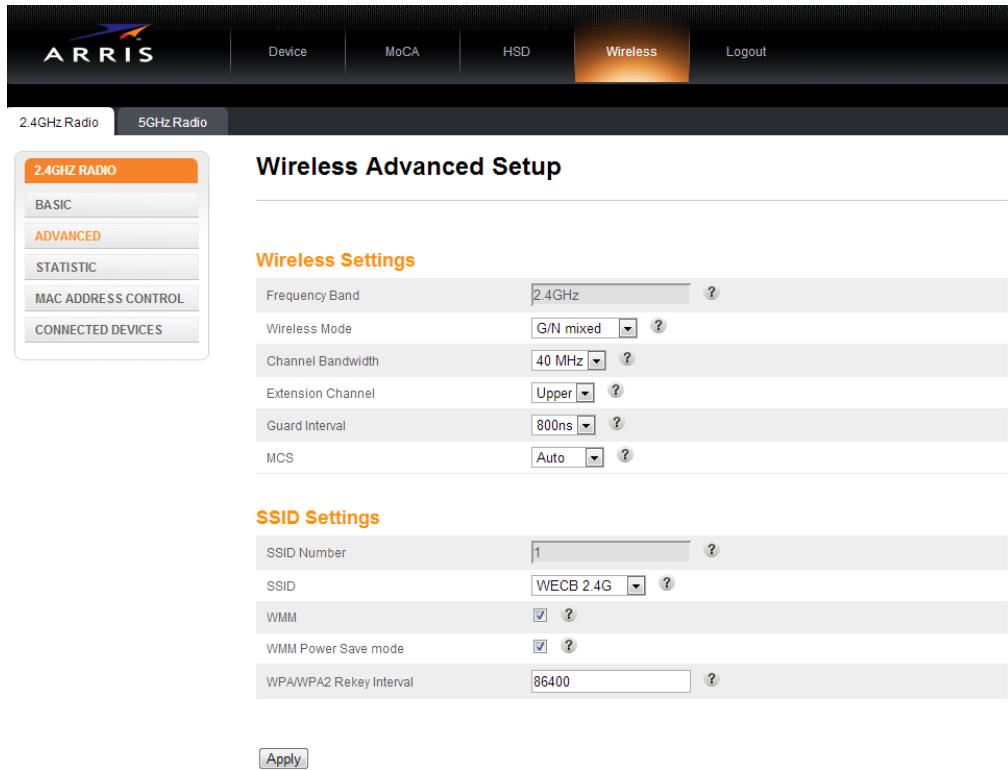
Frequency Band	2.4GHz	?
Enable Wireless	<input checked="" type="checkbox"/>	?
Direction	Client	?
Max. Physical Rate	270	?
Channel	Auto	?
Transmit Power	100%	?
Enable WPS	<input checked="" type="checkbox"/>	?
Device PIN code	08612014	?
WPS Mode	PBC	?
Enrollee PIN Code		?
Start WPS Association		?

SSID Settings

SSID Number	1	?
SSID	WECB 2.4G	?

b. In wireless advanced page, user may change the wireless mode in 11b/g/n mode

and then bridge transmission signals, the SSID also can be updated here.



The screenshot shows the ARRIS Wireless Advanced Setup interface. The top navigation bar includes links for Device, MoCA, HSD, Wireless (which is highlighted in orange), and Logout. Below the navigation is a sub-navigation bar with 2.4GHz Radio and 5GHz Radio buttons. The main content area is titled "Wireless Advanced Setup". On the left, a sidebar menu lists 2.4GHz RADIO, BASIC, ADVANCED (which is selected and highlighted in orange), STATISTIC, MAC ADDRESS CONTROL, and CONNECTED DEVICES. The "ADVANCED" section is currently active. The main content is divided into two sections: "Wireless Settings" and "SSID Settings".

Wireless Settings

- Frequency Band: 2.4GHz
- Wireless Mode: G/N mixed
- Channel Bandwidth: 40 MHz
- Extension Channel: Upper
- Guard Interval: 800ns
- MCS: Auto

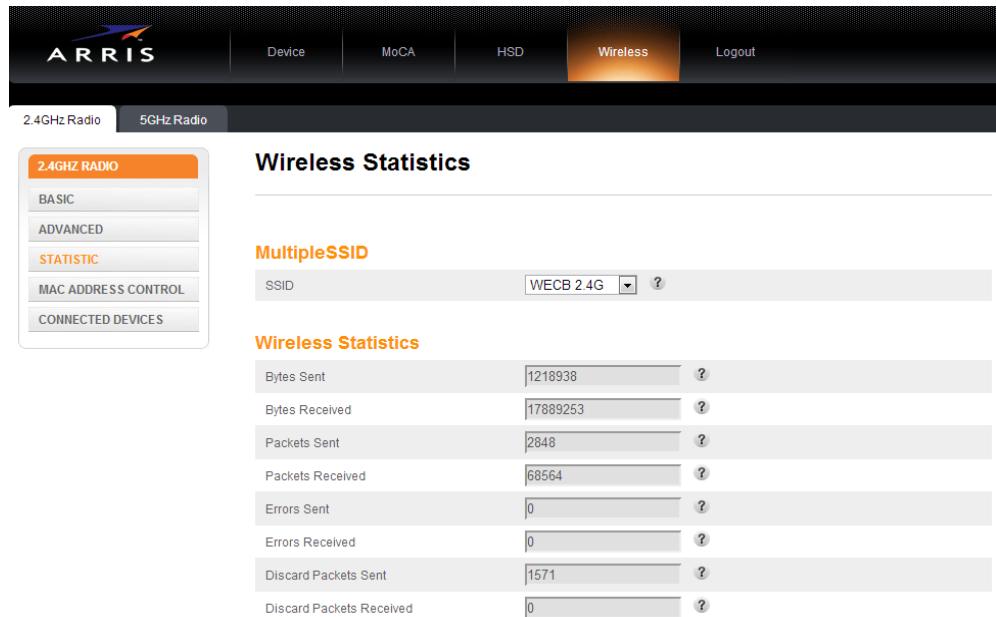
SSID Settings

- SSID Number: 1
- SSID: WECB 2.4G
- WMM: Enabled
- WMM Power Save mode: Enabled
- WPA/WPA2 Rekey Interval: 86400

Buttons

- Apply

c. In wireless statistic page, it will display current wireless interface counting information.



The screenshot shows the ARRIS Wireless Statistics interface. The top navigation bar includes links for Device, MoCA, HSD, Wireless (which is highlighted in orange), and Logout. Below the navigation is a sub-navigation bar with 2.4GHz Radio and 5GHz Radio buttons. The main content area is titled "Wireless Statistics". On the left, a sidebar menu lists 2.4GHz RADIO, BASIC, ADVANCED, STATISTIC (which is selected and highlighted in orange), MAC ADDRESS CONTROL, and CONNECTED DEVICES. The "STATISTIC" section is currently active. The main content is divided into two sections: "MultipleSSID" and "Wireless Statistics".

MultipleSSID

- SSID: WECB 2.4G

Wireless Statistics

Statistic	Value	Unit
Bytes Sent	1218938	
Bytes Received	17889253	
packets Sent	2848	
packets Received	68564	
Errors Sent	0	
Errors Received	0	
Discard Packets Sent	1571	
Discard Packets Received	0	

d. In MAC address control page, user may add MAC filter list to block specific device which connected to WECB.

The screenshot shows the ARRIS Wireless Control Panel. The top navigation bar includes links for Device, MoCA, HSD, Wireless (which is highlighted in orange), and Logout. Below the navigation is a sub-navigation bar with 2.4GHz Radio and 5GHz Radio tabs, with 5GHz Radio selected. On the left, a sidebar menu lists 2.4GHZ RADIO (Basic, Advanced, Statistic, MAC ADDRESS CONTROL, CONNECTED DEVICES), with MAC ADDRESS CONTROL highlighted in orange. The main content area is titled 'MAC Address Control'. It contains sections for 'MultipleSSID' (SSID dropdown set to 'WECB 2.4G') and 'MAC Address Filtering' (Mac Address Filter Type dropdown set to 'None'). A 'Apply' button is located below these sections. Below this is a 'MAC Address Filter List' section with a 'MAC' header and 'Add' and 'Delete' buttons.

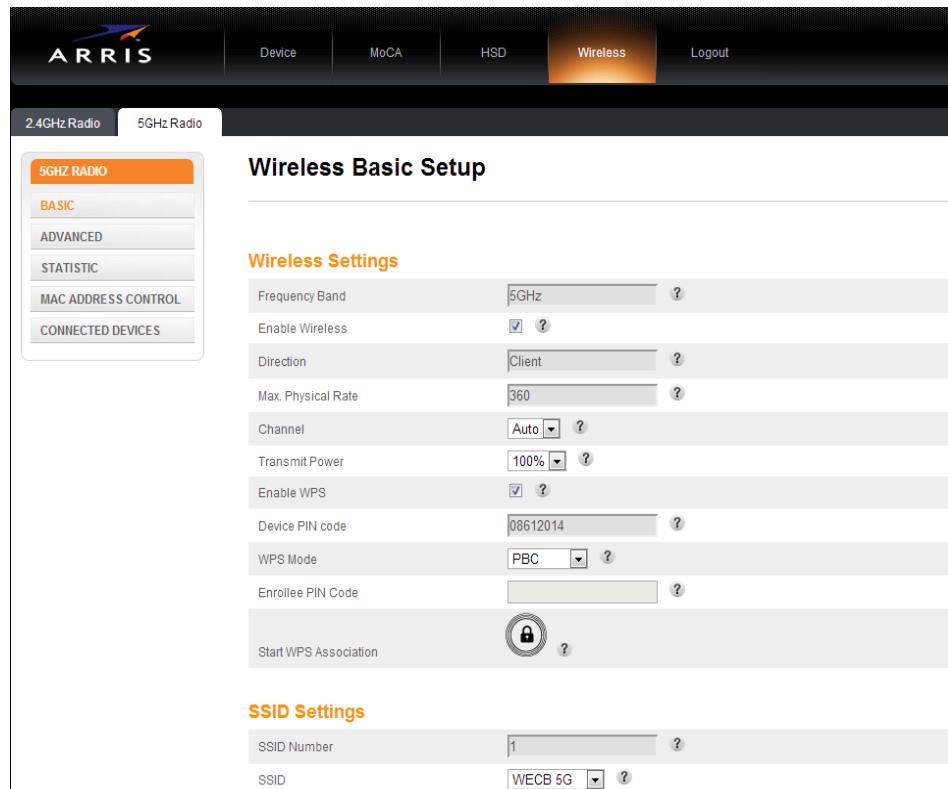
e. In wireless connected device page, it will display all connected device for current wireless network.

The screenshot shows the ARRIS Wireless Control Panel. The top navigation bar includes links for Device, MoCA, HSD, Wireless (highlighted in orange), and Logout. Below the navigation is a sub-navigation bar with 2.4GHz Radio and 5GHz Radio tabs, with 5GHz Radio selected. On the left, a sidebar menu lists 2.4GHZ RADIO (Basic, Advanced, Statistic, MAC ADDRESS CONTROL, CONNECTED DEVICES), with CONNECTED DEVICES highlighted in orange. The main content area is titled 'Wireless Connected Devices'. It contains sections for 'MultipleSSID' (SSID dropdown set to 'WECB 2.4G') and a 'Station List' table. The table has columns: No., MAC Address, State, Rate, and Signal. One row is shown with the following data: No. 1, MAC Address 60:fa:cd:6f:3c:16, State Authenticated, Rate 65, and Signal 54.

3. 5G WiFi

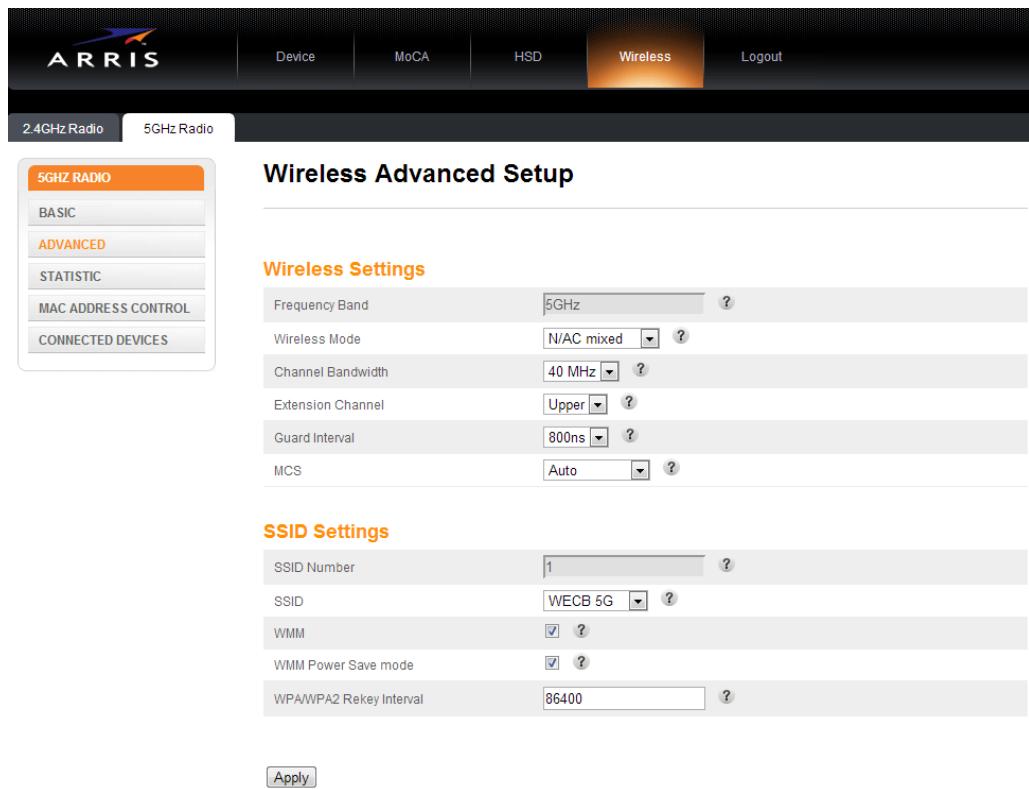
a. Click “5GHz Radio” tag on the middle top, the 5G wireless basic setup page will

be displayed. User may modify the wireless setting here.



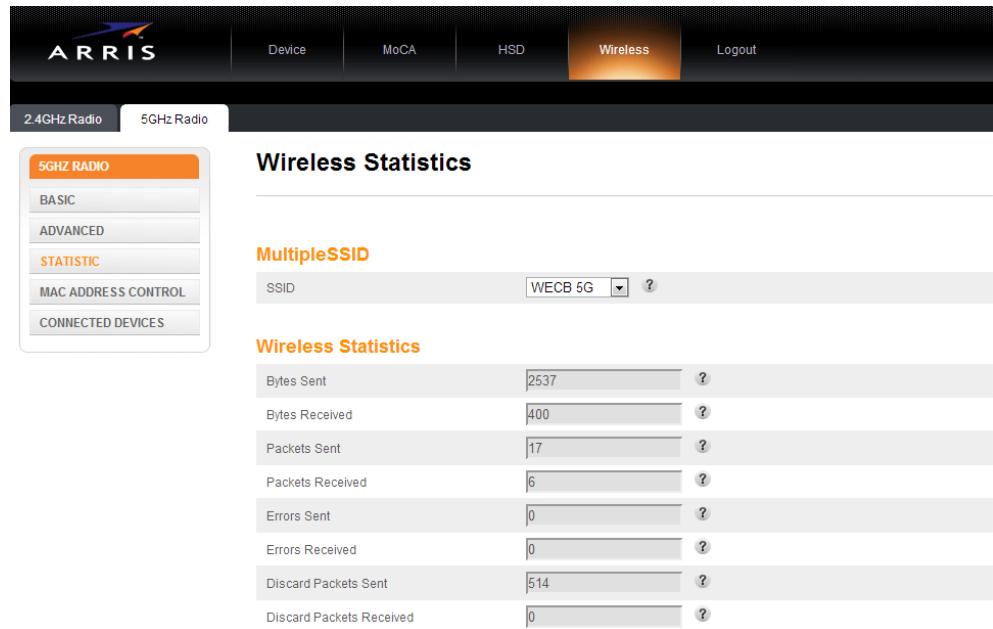
The image shows the 'ARRIS' web interface for 'Wireless Basic Setup'. The top navigation bar includes 'Device', 'MoCA', 'HSD', 'Wireless' (which is highlighted in orange), and 'Logout'. Below the navigation is a sub-navigation bar with '2.4GHz Radio' and '5GHz Radio' buttons, with '5GHz Radio' being the active tab. On the left, a sidebar menu lists '5GHz RADIO' (selected), 'BASIC', 'ADVANCED', 'STATISTIC', 'MAC ADDRESS CONTROL', and 'CONNECTED DEVICES'. The main content area is titled 'Wireless Basic Setup' and contains two sections: 'Wireless Settings' and 'SSID Settings'. The 'Wireless Settings' section includes fields for Frequency Band (5GHz), Enable Wireless (checked), Direction (Client), Max. Physical Rate (360), Channel (Auto), Transmit Power (100%), Enable WPS (checked), Device PIN code (08612014), WPS Mode (PBC), and Enrollee PIN Code. The 'SSID Settings' section includes fields for SSID Number (1) and SSID (WEBC 5G). A 'Start WPS Association' button with a lock icon is also present.

b. In wireless advanced page, user may change the wireless mode in 11b/g/n mode and then bridge transmission signals, the SSID also can be updated here.



The screenshot shows the ARRIS Wireless Advanced Setup page. The top navigation bar includes links for Device, MoCA, HSD, Wireless (which is highlighted in orange), and Logout. Below the navigation is a radio selection bar with 2.4GHz Radio and 5GHz Radio buttons, with 5GHz Radio selected. The main content area is titled "Wireless Advanced Setup". On the left, a sidebar menu lists 5GHz RADIO, BASIC, ADVANCED (which is selected and highlighted in orange), STATISTIC, MAC ADDRESS CONTROL, and CONNECTED DEVICES. The main content area contains two sections: "Wireless Settings" and "SSID Settings". The "Wireless Settings" section includes fields for Frequency Band (5GHz), Wireless Mode (N/AC mixed), Channel Bandwidth (40 MHz), Extension Channel (Upper), Guard Interval (800ns), and MCS (Auto). The "SSID Settings" section includes fields for SSID Number (1), SSID (WECB 5G), WMM (checked), WMM Power Save mode (checked), and WPAWPA2 Rekey Interval (86400). At the bottom is an "Apply" button.

c. In wireless statistic page, it will display current wireless interface information.



The screenshot shows the ARRIS Wireless Statistics page. The top navigation bar includes links for Device, MoCA, HSD, Wireless (highlighted in orange), and Logout. Below the navigation is a radio selection bar with 2.4GHz Radio and 5GHz Radio buttons, with 5GHz Radio selected. The main content area is titled "Wireless Statistics". On the left, a sidebar menu lists 5GHz RADIO, BASIC, ADVANCED, STATISTIC (which is selected and highlighted in orange), MAC ADDRESS CONTROL, and CONNECTED DEVICES. The main content area contains two sections: "MultipleSSID" and "Wireless Statistics". The "MultipleSSID" section shows the SSID as WECB 5G. The "Wireless Statistics" section displays the following data:

Statistic	Value
Bytes Sent	2537
Bytes Received	400
Packets Sent	17
Packets Received	6
Errors Sent	0
Errors Received	0
Discard Packets Sent	514
Discard Packets Received	0

d. In MAC address control page, user may add MAC filter list to block specific device which connected to WECB.

The screenshot shows the ARRIS Wireless interface. The top navigation bar includes links for Device, MoCA, HSD, Wireless (which is highlighted in orange), and Logout. Below the navigation is a sub-navigation bar with 2.4GHz Radio and 5GHz Radio tabs, with 5GHz Radio selected. On the left, a sidebar menu lists 5GHz RADIO, BASIC, ADVANCED, STATISTIC, MAC ADDRESS CONTROL (which is highlighted in orange), and CONNECTED DEVICES. The main content area is titled "MAC Address Control". It contains sections for "MultipleSSID" (with a dropdown menu set to "WECB 5G") and "MAC Address Filtering" (with a dropdown menu set to "None"). There is an "Apply" button at the bottom of these sections. Below this is a "MAC Address Filter List" section with a "MAC" header and "Add" and "Delete" buttons.

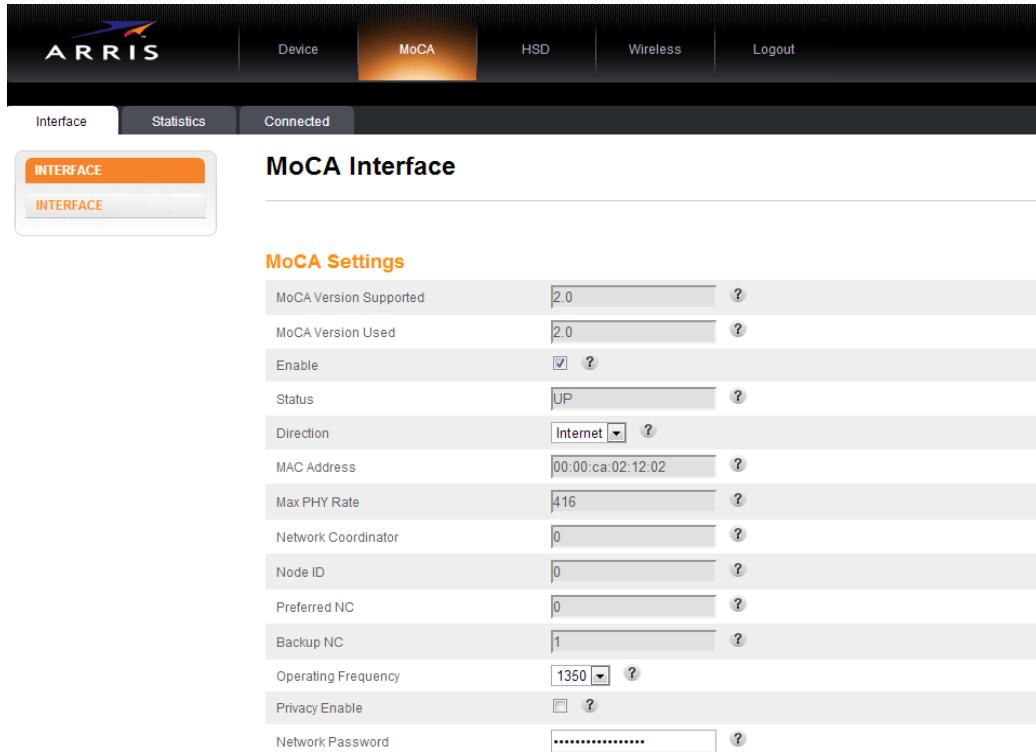
e. In wireless connected device page, it will display all connected device for current wireless network.

The screenshot shows the ARRIS Wireless interface. The top navigation bar includes links for Device, MoCA, HSD, Wireless (which is highlighted in orange), and Logout. Below the navigation is a sub-navigation bar with 2.4GHz Radio and 5GHz Radio tabs, with 5GHz Radio selected. On the left, a sidebar menu lists 5GHz RADIO, BASIC, ADVANCED, STATISTIC, MAC ADDRESS CONTROL, and CONNECTED DEVICES (which is highlighted in orange). The main content area is titled "Wireless Connected Devices". It contains a "MultipleSSID" section (with a dropdown menu set to "WECB 5G") and a "Station List" table. The table has columns for No., MAC Address, State, Rate, and Signal. One row is shown, with the MAC address 60:fa:cd:6f:3c:16, State Authenticated, Rate 65, and Signal 55.

4. MoCA

a. Click “MoCA” tag on the top, it will show current settings of MoCA interface,

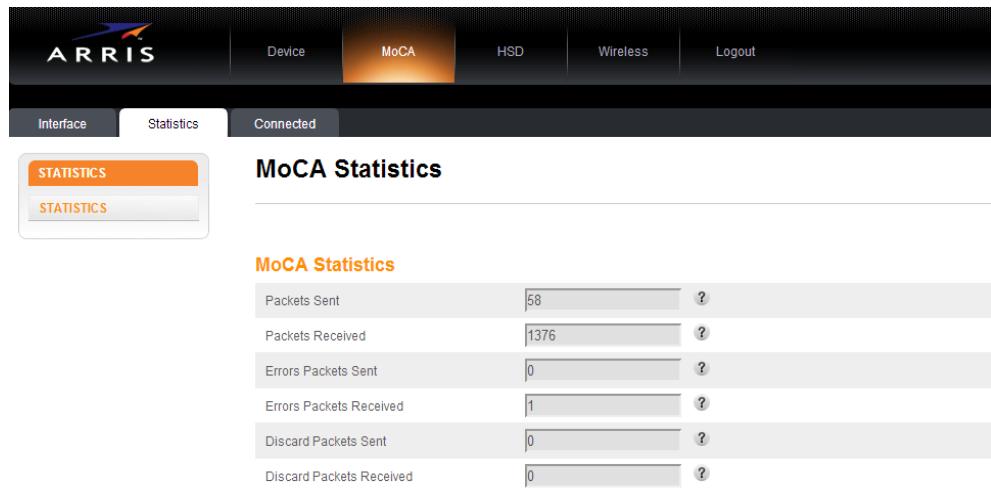
including some extra information, for example, current MoCA version.



The screenshot shows the MoCA Interface settings page. The top navigation bar includes links for Device, MoCA (which is highlighted in orange), HSD, Wireless, and Logout. Below the navigation is a sub-navigation bar with Interface, Statistics, and Connected tabs, where Interface is selected. The main content area is titled 'MoCA Interface' and 'MoCA Settings'. It contains a list of configuration parameters with their current values:

Setting	Value
MoCA Version Supported	2.0
MoCA Version Used	2.0
Enable	<input checked="" type="checkbox"/>
Status	UP
Direction	Internet
MAC Address	00:00:ca:02:12:02
Max PHY Rate	416
Network Coordinator	0
Node ID	0
Preferred NC	0
Backup NC	1
Operating Frequency	1350
Privacy Enable	<input type="checkbox"/>
Network Password	*****

b. In MoCA statistic page, it will display current translate information.



The screenshot shows the MoCA Statistics page. The top navigation bar includes links for Device, MoCA (highlighted in orange), HSD, Wireless, and Logout. Below the navigation is a sub-navigation bar with Interface, Statistics, and Connected tabs, where Statistics is selected. The main content area is titled 'MoCA Statistics' and 'MoCA Statistics'. It contains a list of statistics with their current values:

Statistic	Value
packets sent	58
packets received	1376
errors packets sent	0
errors packets received	1
discard packets sent	0
discard packets received	0

c. In MoCA connected device page list, it will show all MoCA devices in the network and use bold font as local MoCA device MAC address.

ARRIS

Device MoCA HSD Wireless Logout

Interface Statistics Connected Devices

MoCA Connected Devices

Devices List

Node ID	MAC Address
1	00:00:ca:02:12:02
0	00:00:ca:02:18:02 (Network Coordinator)