



# Wi-Fi CERTIFIED™ Certificate



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: [www.wi-fi.org/certification/programs](http://www.wi-fi.org/certification/programs)

**Certification ID: WFA126058**

## Product Info

|                              |   |
|------------------------------|---|
| <b>Date of Certification</b> | November 16, 2023   |
| <b>Company</b>               | Hitron Technologies   |
| <b>Product Name</b>          | CODA5519W   |
| <b>Product Model Variant</b> | CODA5519W-WPS2.0  |
| <b>Model Number</b>          | CODA5519W   |
| <b>Category</b>              | Routers   |
| <b>Sub-category</b>          | Cable, DSL or Other Broadband Gateway (Integrated Home Access Device) |

## Summary of Certifications

| <b>CLASSIFICATION</b>                     | <b>CERTIFICATION</b>  |
|---|---|
| <b>Access</b>                             | Wi-Fi Protected Setup™  |
| <b>Connectivity</b>                       | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Wi-Fi CERTIFIED 6® Release 2<br>Wi-Fi CERTIFIED™ a<br>Wi-Fi CERTIFIED™ ac<br>Wi-Fi CERTIFIED™ b<br>Wi-Fi CERTIFIED™ g<br>Wi-Fi CERTIFIED™ n |
| <b>Optimization</b>                       | WMM®<br>Wi-Fi Agile Multiband™  |
| <b>Security</b>                           | Protected Management Frames<br>WPA2™-Personal 2021-01<br>WPA3™-Personal 2022-06   |
| <b>Spectrum &amp; Regulatory Features</b> | Spectrum & Regulatory   |



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Role: Access Point

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux Kernel 5.15.77

### Wi-Fi Component Firmware

WLAN6.2.0.114

### RF Architecture

| Bands Supported | Transmit (Tx) | Receive (Rx) |
|-----------------|---------------|--------------|
| 2.4 GHz         | 4             | 4            |
| 5 GHz           | 4             | 4            |

## Certifications

### 2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz

40 MHz Channel Width in 2.4 GHz

### 5 GHz Spectrum Capabilities

20 MHz Channel Width in 5 GHz

40 MHz Channel Width in 5 GHz

80 MHz Channel Width in 5 GHz

160 MHz Channel Width in 5 GHz

### Protected Management Frames

### Spectrum & Regulatory

802.11d

### WMM®

### WPA2™-Personal 2021-01

### WPA3™-Personal 2022-06

### Wi-Fi Agile Multiband™

### Wi-Fi Agile Multiband™ (continued)

Cellular Data aware

### Wi-Fi CERTIFIED 6® Release 2

4 antenna support

A-MPDU with A-MSDU

Basic Trigger frame in HE MU PPDU

BSRP Trigger frame

Compressed Block Ack Rx (buffer size 256)

Compressed Block Ack Tx (buffer size 256)

DL MU-MIMO

DL OFDMA

Individual Target Wake Time

LDPC Rx

LDPC Tx

MCS 8-9 Rx

MCS 8-9 Tx

MCS 10-11 Rx

MCS 10-11 Tx

MU EDCA Parameter Set element

MU-BAR Trigger frame

MU-RTS Trigger frame

M-BSSID

Operating mode indication



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## Wi-Fi CERTIFIED 6® Release 2 (continued)

SU beamformer  
SU-MIMO  
TXOP RTS Threshold  
UL OFDMA  
Wi-Fi 6 Release 2 features  
    UL MU-MIMO  
    UL MU Control  
    UL Extended Range  
    M-BSSID control frames

## Wi-Fi CERTIFIED™ n (continued)

Short Guard Interval  
STBC

## Wi-Fi Protected Setup™

PIN  
Pushbutton

## Wi-Fi CERTIFIED™ a

## Wi-Fi CERTIFIED™ ac

RTS with BW Signaling  
Extended 5 GHz Channel Support  
A-MPDU with A-MSDU  
DL MU-MIMO  
LDPC Rx  
LDPC Tx  
MCS 8-9 Rx  
Short Guard Interval  
STBC  
SU beamformer

## Wi-Fi CERTIFIED™ b

## Wi-Fi CERTIFIED™ g

## Wi-Fi CERTIFIED™ n

A-MPDU Tx  
HT Duplicate Mode  
OBSS on Extension Channel