



# 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: WFA111150

### Product Info

|                              |  |
|------------------------------|--|
| <b>Date of Certification</b> | January 15, 2025                       |
| <b>Company</b>               | Harman International Industries, Inc.  |
| <b>Product Name</b>          | TKCMOD12E00                            |
| <b>Product Model Variant</b> | Conmod - TKCMOD12E00 - V037 - 2025 CL6 |
| <b>Model Number</b>          | V037                                   |
| <b>Category</b>              | Other                                  |
| <b>Sub-category</b>          | In-vehicle Network                     |

### Summary of Certifications

| CLASSIFICATION      | CERTIFICATION   |
|---------------------|---|
| <b>Connectivity</b> | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<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®  |
| <b>Security</b>     | Protected Management Frames<br>WPA2™-Personal 2021-01<br>WPA3™-Personal 2020-02   |



# Wi-Fi CERTIFIED™ Certificate

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Role: Access Point

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux 4.14.170LE.UM.4.1.1.c11-02400-sa515m-185-gdbcd575

### Wi-Fi Component Firmware

version 13.35.282

### RF Architecture

| Bands Supported | Transmit (Tx) | Receive (Rx) |
|-----------------|---------------|--------------|
| 2.4 GHz         | 1             | 1            |
| 5 GHz           | 2             | 2            |

## Certifications

### 2.4 GHz Spectrum Capabilities

20 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

### Protected Management Frames

### WMM®

### WPA2™-Personal 2021-01

### WPA3™-Personal 2020-02

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU  
LDPC Rx  
LDPC Tx

### Wi-Fi CERTIFIED™ ac (continued)

MCS 8-9 Rx  
Short Guard Interval

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

OBSS on Extension Channel  
Short Guard Interval  
A-MPDU Tx