



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

Certification ID: WFA121796

Product Info

Date of Certification	July 22, 2024
Company	Harman International Industries, Inc.
Product Name	TATA GEN3
Product Model Variant	COCKPIT CONTROLLER IVI-IC HIGH + with updated firmware 13.40.5
Model Number	COCKPIT CONTROLLER IVI-IC HIGH +
Category	Other
Sub-category	In-vehicle Network

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Connectivity	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
Optimization	WMM®
Security	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2020-12



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA121796



Role: Access Point

Page 2 of 3

Wi-Fi Components

Wi-Fi Component Operating System

Android

Wi-Fi Component Firmware

13.40.5

RF Architecture

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

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®

Max Throughput

WPA2™-Personal 2021-01

WPA3™-Personal 2020-12

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

Wi-Fi CERTIFIED™ ac (continued)

A-MPDU with A-MSDU

LDPC Rx

LDPC Tx

MCS 8-9 Rx

Short Guard Interval

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

HT Duplicate Mode

OBSS on Extension Channel

Short Guard Interval

A-MPDU Tx



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA121796



Role: Station

Page 3 of 3

Wi-Fi Components

Wi-Fi Component Operating System

Android

Wi-Fi Component Firmware

13.40.5

RF Architecture

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

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®

Max Throughput

WPA2™-Personal 2021-01

WPA3™-Personal 2020-12

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

Wi-Fi CERTIFIED™ ac (continued)

A-MPDU with A-MSDU

LDPC Rx

MCS 8-9 Rx

Short Guard Interval

STBC

LDPC Tx

SU beamformee

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

STBC

A-MPDU Tx

HT Duplicate Mode

OBSS on Extension Channel

Short Guard Interval