



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: WFA117945

Product Info

Date of Certification	April 18, 2022
Company	HMD Global Oy
Product Name	Smart Phone
Product Model Variant	TA-1452
Model Number	TA-1452
Category	Phones
Sub-category	Smartphone, multi-mode (Wi-Fi and other)

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Connectivity	2.4 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
Optimization	WMM®
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2021-01 WPA3™-Enterprise 2020-02 WPA3™-Personal 2020-12 WPA™-Enterprise WPA™-Personal



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA117945



Role: Access Point

Page 2 of 3

Wi-Fi Components

Wi-Fi Component Operating System

Android

Wi-Fi Component Firmware

vb.1.8d

RF Architecture

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

Certifications

2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz

Protected Management Frames

WMM®

WPA2™-Personal 2021-01

WPA3™-Personal 2020-12

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

Short Guard Interval
A-MPDU Tx



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA117945



Role: Station

Page 3 of 3

Wi-Fi Components

Wi-Fi Component Operating System

Android

Wi-Fi Component Firmware

vb.1.8d

RF Architecture

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

Certifications

2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz

Protected Management Frames

WMM®

WPA2™-Enterprise 2018-04

EAP methods

- EAP AKA
- EAP AKA Prime
- EAP SIM
- EAP TLS
- EAP TTLS
- PEAPv0
- PEAPv1

WPA2™-Personal 2021-01

WPA3™-Enterprise 2020-02

EAP methods

- EAP AKA
- EAP AKA Prime
- EAP SIM

WPA3™-Enterprise 2020-02 (continued)

- EAP TLS
- EAP TTLS
- PEAPv0
- PEAPv1
- Server Certificate Validation

WPA3™-Personal 2020-12

WPA™-Enterprise

WPA™-Personal

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

- STBC
- A-MPDU Tx
- Power Management
- Short Guard Interval