



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: www.wi-fi.org

# **Certification ID: WFA127406**

## **Product Info**

Date of Certification January 11, 2024

Company Samsung Electronics

Product Name Smart Phone

Product Model Variant Android 14

Model Number SM-M145F/DS

**Category** Phones

**Sub-category** Smartphone

# **Summary of Certifications**

CLASSIFICATION CERTIFICATION

Alternative topologies Wi-Fi Direct®

Network management WMM®

WMM®-Admission Control

WMM®-Power Save

Performance Voice-Enterprise

Security Protected Management Frames

WPA2<sup>™</sup>-Enterprise 2018-04 WPA2<sup>™</sup>-Personal 2021-01 WPA3<sup>™</sup>-Enterprise 2022-12 WPA3<sup>™</sup>-Personal 2022-06

Wi-Fi (MAC/PHY) 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



**Certification ID: WFA127406** 



Role: Access Point Page 2 of 4

Wi-Fi Components

**Wi-Fi Component Operating System** 

Android U

Wi-Fi Component Firmware

3.2.4.0.1117.0

**RF Architecture** 

Bands Supported Transmit (Tx) Receive (Rx)

2.4 GHz 1

5 GHz 1 1

Certifications

2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz

Wi-Fi CERTIFIED™ b

<u>Wi-Fi CERTIF</u>IED™ g

**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

Wi-Fi CERTIFIED™ n

HT Duplicate Mode

OBSS on Extension Channel

Short Guard Interval

A-MPDU Tx

**Protected Management Frames** 

**WMM®** 

WPA2™-Personal 2021-01

WPA3™-Personal 2022-06

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU

MCS 8-9 Rx

**Short Guard Interval** 

This certificate was downloaded on 2025-11-04 at 16:07:03 UTC



**Certification ID: WFA127406** 



Role: Station Page 3 of 4

## Wi-Fi Components

**Wi-Fi Component Operating System** 

Android U

Wi-Fi Component Firmware

3.2.4.0.1117.0

### **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

#### WPA2<sup>™</sup>-Enterprise 2018-04 (continued)

EAP methods

EAP AKA

EAP AKA Prime

EAP SIM

EAP TLS

**EAP TTLS** 

PEAPv0

PEAPv1

## **Protected Management Frames**

Voice-Enterprise

**WMM®** 

**WMM®-Admission Control** 

**WMM®-Power Save** 

Legacy Power Save

Unschedule auto PS

WPA2™-Enterprise 2018-04

#### WPA2™-Personal 2021-01

### WPA3™-Enterprise 2022-12

EAP methods

EAP AKA

EAP AKA Prime

**EAP SIM** 

EAP TLS

EAP TTLS

PEAPv0

PEAPv1

Server Certificate Validation

WPA3™-Personal 2022-06



**Certification ID: WFA127406** 



**Role: Station** Page 4 of 4 Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac 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 A-MPDU Tx HT Duplicate Mode **OBSS** on Extension Channel Short Guard Interval STBC Wi-Fi Direct® Wi-Fi Direct with WPA2