# 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: WFA94575

## Product Info

| | |
|---|---|
| Date of Certification | December 14, 2020 |
| Company | Samsung Electronics |
| Product Name | SM-M315F/DS |
| Product Model Variant | SM-M315F/DS |
| Model Number | SM-M315F/DS |
| Category | Phones |
| Sub-category | Smartphone |

## Summary of Certifications

| CLASSIFICATION | CERTIFICATION |
|---|---|
| Access | Wi-Fi Protected Setup™ |
| Alternative topologies | Wi-Fi Direct® |
| Network management | WMM®<br>WMM®-Admission Control<br>WMM®-Power Save |
| Performance | Voice-Enterprise |
| Security | Protected Management Frames<br>WPA2™-Enterprise 2018-04<br>WPA2™-Personal 2020-02<br>WPA3™-Personal 2020-02 |
| Wi-Fi (MAC/PHY) | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Spectrum & Regulatory<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 |

# Wi-Fi CERTIFIED™ Certificate

## Certification ID: WFA94575

## Wi-Fi Components

### Wi-Fi Component Operating System
Android, version:11.0

### Wi-Fi Component Firmware
S620_E9610_R2-1_Y19W22A

### 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

### Spectrum & Regulatory

802.11h

### Voice-Enterprise

### WMM®

### WMM®-Admission Control

### WMM®-Power Save

### WMM®-Power Save (continued)

Legacy Power Save
Unschedule auto PS

### WPA2™-Enterprise 2018-04

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

### WPA2™-Personal 2020-02

### WPA3™-Personal 2020-02

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

Extended 5 GHz Channel Support

### 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

### Wi-Fi Direct®

### Wi-Fi Protected Setup™

Pushbutton