



# 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: WFA81445**

## Product Info

|                       |                                 |
|-----------------------|---------------------------------|
| Date of Certification | March 6, 2019                   |
| Company               | Samsung Electronics             |
| Product Name          | SM-A305F/DS                     |
| Product Model Variant | 2019-03-06 (WFA81445 - 8142411) |
| Model Number          | SM-A305F/DS                     |
| Category              | Phones                          |
| Sub-category          | Smartphone                      |

## Summary of Certifications

| CLASSIFICATION          | CERTIFICATION  |
|-------------------------|--|
| Applications & Services | Voice-Enterprise   |
| Connectivity            | 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<br>Wi-Fi Direct® |
| Optimization            | WMM®<br>WMM®-Admission Control<br>WMM®-Power Save  |
| Security                | Protected Management Frames<br>WPA2™-Enterprise 2018-04<br>WPA2™-Personal 2018-04<br>WPA™-Enterprise<br>WPA™-Personal  |



# Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA81445



Role: Station

Page 2 of 3

## Wi-Fi Components

### Wi-Fi Component Operating System

Android, version:9.0

### Wi-Fi Component Firmware

REV1.0

### 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  
40 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

### Voice-Enterprise

### WMM®

### WMM®-Admission Control

### WMM®-Power Save

### WPA2™-Enterprise 2018-04

EAP methods  
EAP AKA

### WPA2™-Enterprise 2018-04 (continued)

EAP AKA Prime  
EAP SIM  
EAP TLS  
EAP TTLS  
PEAPv0  
PEAPv1

### WPA2™-Personal 2018-04

### WPA™-Enterprise

### WPA™-Personal

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU  
LDPC Rx  
MCS 8-9 Rx  
Short Guard Interval  
LDPC Tx  
SU beamformee



# Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA81445



Role: Station

Page 3 of 3

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®