



# 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: WFA73807**

## Product Info

|                       |                                |
|-----------------------|--------------------------------|
| Date of Certification | January 17, 2019               |
| Company               | Samsung Electronics            |
| Product Name          | SM-A530F                       |
| Product Model Variant | 2019-01-17 (WFA73807 - merged) |
| Model Number          | SM-A530F                       |
| 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  |
| Spectrum & Regulatory Features | Spectrum & Regulatory  |



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Role: Access Point

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## Wi-Fi Components

### Wi-Fi Component Operating System

Android, version:9.0

### Wi-Fi Component Firmware

1795

### 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

### WMM®

### WPA2™-Personal 2018-04

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

LDPC Rx

LDPC Tx

MCS 8-9 Rx

Short Guard Interval

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

OBSS on Extension Channel

Short Guard Interval

A-MPDU Tx



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Role: Station

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## Wi-Fi Components

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| 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

### WMM®-Power Save (continued)

Legacy Power Save  
Unschedule auto PS

### 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™-Enterprise 2018-04

EAP methods  
EAP AKA  
EAP AKA Prime  
EAP FAST-MSCHAPv2  
EAP SIM  
EAP TLS  
EAP TTLS  
PEAPv0  
PEAPv1

### Protected Management Frames

### Spectrum & Regulatory

802.11h

### Voice-Enterprise

### WPA2™-Personal 2018-04

### WMM®

### WPA™-Enterprise

### WMM®-Admission Control

### WPA™-Personal

### WMM®-Power Save

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac



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## Wi-Fi CERTIFIED™ ac (continued)

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  
OBSS on Extension Channel  
Short Guard Interval

## Wi-Fi Direct®