# 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: WFA54162

## Product Info

| | |
|---|---|
| Date of Certification | April 24, 2014 |
| Company | Samsung Electronics |
| Product Name | SM-G900FG |
| Product Model Variant | 2014-04-24 (WFA54162 - 1797018) |
| Model Number | SM-G900FG |
| Category | Phones |
| Sub-category | Smartphone |

## Summary of Certifications

| CLASSIFICATION | CERTIFICATION |
|---|---|
| Access | Wi-Fi Protected Setup™ |
| 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®-Power Save |
| Security | WPA2™-Enterprise<br>WPA2™-Personal |
| Spectrum & Regulatory Features | Spectrum & Regulatory |

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## Wi-Fi Components

### Wi-Fi Component Operating System
Android

### Wi-Fi Component Firmware
REV1.0

### RF Architecture

| Bands Supported | Transmit (Tx) | Receive (Rx) |
|---|---|---|
| 2.4 GHz | 2 | 2 |
| 5 GHz | 2 | 2 |

## 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

### Spectrum & Regulatory

802.11h

### WMM®

### WMM®-Power Save

Legacy Power Save
Unschedule auto PS

### WPA2™-Enterprise

### WPA2™-Enterprise (continued)

EAP methods
  EAP TLS
  EAP TTLS
  PEAPv0
  PEAPv1

### WPA2™-Personal

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU
MCS 8-9 Rx
Short Guard Interval

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

A-MPDU Tx

# Wi-Fi CERTIFIED™ Certificate

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### Wi-Fi CERTIFIED™ n (continued)

HT Duplicate Mode

OBSS on Extension Channel

RIFS

Power Management

Short Guard Interval

### Wi-Fi Direct®

### Wi-Fi Protected Setup™

PIN

Pushbutton