



# 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: WFA53059**

## Product Info

Date of Certification	March 7, 2016
Company	Samsung Electronics
Product Name	Samsung Galaxy S5
Product Model Variant	2016-03-07 (WFA53059 - 5352202)
Model Number	SC-04F
Category	Phones
Sub-category	Smartphone

## Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Passpoint® Release 2 Wi-Fi Protected Setup™
Applications & Services	Miracast®
Connectivity	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 Wi-Fi Direct®
Optimization	WMM® WMM®-Power Save
Security	Protected Management Frames WPA2™-Enterprise WPA2™-Personal WPA™-Enterprise WPA™-Personal



# Wi-Fi CERTIFIED™ Certificate

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## Summary of Certifications (continued)

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### CLASSIFICATION

### CERTIFICATION

Spectrum & Regulatory  
Features

Spectrum & Regulatory



# Wi-Fi CERTIFIED™ Certificate

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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Android, version:6.0

### 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

### Spectrum & Regulatory (continued)

802.11h

### 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

### WMM®

### WMM®-Power Save

Legacy Power Save  
Unschedule auto PS

### Passpoint® Release 2

Display and input method  
Display of HS2.0 indication  
NAI Home Realm Query element  
Network Information in network selection  
Operating Class Indication  
Online Sign Up and Policy provisioning  
SIM credentials

### WPA2™-Enterprise

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

### Protected Management Frames

### Spectrum & Regulatory

### WPA2™-Personal



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**WPA™-Enterprise**

**WPA™-Personal**

**Wi-Fi CERTIFIED™ a**

**Wi-Fi CERTIFIED™ ac**

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

**Wi-Fi CERTIFIED™ b**

**Wi-Fi CERTIFIED™ g**

**Wi-Fi CERTIFIED™ n**

A-MPDU Tx  
HT Duplicate Mode  
OBSS on Extension Channel  
RIFS  
Power Management  
Short Guard Interval

**Wi-Fi Direct®**

**Wi-Fi Protected Setup™**

PIN  
Pushbutton



# Wi-Fi CERTIFIED™ Certificate

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Role: Source

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## Wi-Fi Components

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Android, version:6.0

### Wi-Fi Component Firmware

REV1.0

### RF Architecture

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

## Certifications

### Miracast®

HDCP Encryption