



# 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: WFA64004**

## Product Info

Date of Certification	January 15, 2016
Company	Samsung Electronics
Product Name	SM-G935W8
Product Model Variant	2016-01-15 (WFA64004 - 3774767)
Model Number	SM-G935W8
Category	Routers
Sub-category	Mobile Access Point

## Summary of Certifications

CLASSIFICATION	CERTIFICATION
Network management	WMM®
Security	Protected Management Frames WPA2™-Personal
Wi-Fi (MAC/PHY)	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

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Role: Access Point

Page 2 of 2

## 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

### Protected Management Frames

### WMM®

### WPA2™-Personal

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU  
LDPC Rx  
LDPC Tx  
MCS 8-9 Rx

### Wi-Fi CERTIFIED™ ac (continued)

Short Guard Interval  
STBC  
SU beamformer

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

OBSS on Extension Channel  
RIFS  
Short Guard Interval  
STBC  
A-MPDU Tx

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