



# 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: WFA81112

### Product Info

<b>Date of Certification</b>	October 24, 2019
<b>Company</b>	Samsung Electronics
<b>Product Name</b>	SM-G975U
<b>Product Model Variant</b>	2019-10-24 (WFA81112 - 9897858)
<b>Model Number</b>	SM-G975U
<b>Category</b>	Phones
<b>Sub-category</b>	Smartphone

### Summary of Certifications

CLASSIFICATION	CERTIFICATION
<b>Applications &amp; Services</b>	Voice-Enterprise
<b>Connectivity</b>	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® Wi-Fi Enhanced Open™ 2018-04
<b>Optimization</b>	WMM® WMM®-Admission Control WMM®-Power Save Wi-Fi Agile Multiband™ Wi-Fi Optimized Connectivity™ 2018
<b>Security</b>	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2018-04 WPA3™-Enterprise 2018-04 WPA3™-Personal 2018-04



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## Summary of Certifications (continued)

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### CLASSIFICATION

### CERTIFICATION

Spectrum & Regulatory  
Features

Spectrum & Regulatory



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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Android, version:10.0

### Wi-Fi Component Firmware

100.11.3.1 13.48.6

### 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

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

EAP TLS

### 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™-Personal 2018-04

### WPA3™-Enterprise 2018-04

EAP TLS

### Protected Management Frames

### WPA3™-Personal 2018-04

### Spectrum & Regulatory

### Wi-Fi Agile Multiband™

### Voice-Enterprise

### Wi-Fi CERTIFIED™ a

### WMM®

### Wi-Fi CERTIFIED™ ac

### WMM®-Admission Control

Short Guard Interval

### WMM®-Power Save

### Wi-Fi CERTIFIED™ b

### WPA2™-Enterprise 2018-04

### Wi-Fi CERTIFIED™ g

EAP methods

### Wi-Fi CERTIFIED™ n



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Wi-Fi Direct®

Wi-Fi Enhanced Open™ 2018-04

Wi-Fi Optimized Connectivity™ 2018