



# 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: WFA81316**

## Product Info

|                       |                                 |
|-----------------------|---------------------------------|
| Date of Certification | April 15, 2019                  |
| Company               | Samsung Electronics             |
| Product Name          | SM-G9708                        |
| Product Model Variant | 2019-04-15 (WFA81316 - 8281394) |
| Model Number          | SM-G9708                        |
| Category              | Phones                          |
| Sub-category          | Smartphone                      |

## Summary of Certifications

| CLASSIFICATION         | CERTIFICATION   |
|------------------------|---|
| Alternative topologies | Wi-Fi Direct®   |
| Network management     | WMM®<br>WMM®-Admission Control<br>WMM®-Power Save<br>Wi-Fi Agile Multiband™<br>Wi-Fi Optimized Connectivity™ 2018   |
| Performance            | Voice-Enterprise  |
| Security               | Protected Management Frames<br>WPA2™-Enterprise 2018-04<br>WPA2™-Personal 2018-04<br>WPA3™-Enterprise 2018-04<br>WPA3™-Personal 2018-04<br>Wi-Fi Enhanced Open™ 2018-04 |
| Wi-Fi (MAC/PHY)        | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Spectrum & Regulatory<br>Wi-Fi CERTIFIED™ a<br>Wi-Fi CERTIFIED™ ac<br>Wi-Fi CERTIFIED™ b                |

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| Summary of Certifications (continued) |  | Page 2 of 4 |
|---------------------------------------|--|-------------|
| CLASSIFICATION                        | CERTIFICATION                            |             |
| Wi-Fi (MAC/PHY)                       | Wi-Fi CERTIFIED™ g<br>Wi-Fi CERTIFIED™ n |             |



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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Android, version:9.0

### 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

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