



## Wi-Fi CERTIFIED™ Interoperability 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: WFA64992**

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|                                   |  |
|-----------------------------------|--|
| <b>Date of Last Certification</b> | June 14, 2018                              |
| <b>Company</b>                    | Samsung Electronics                        |
| <b>Product</b>                    | SM-G891A                                   |
| <b>Model Number</b>               | SM-G891A                                   |
| <b>Product Identifier(s)</b>      |  |
| <b>Category</b>                   | Phones                                     |
| <b>Subcategory</b>                | Smartphone, multi-mode (Wi-Fi and other)   |
| <b>Hardware Version</b>           | Product: REV0.5, Wi-Fi Component: REV1.0   |
| <b>Firmware Version</b>           | Product: G891.001, Wi-Fi Component: REV1.0 |
| <b>Operating System</b>           | Android, version: 8.0                      |
| <b>Frequency Band(s)</b>          | 2.4 GHz, 5 GHz                             |

### Summary of Certifications

| <b>CLASSIFICATION</b> | <b>PROGRAM</b>                  |
|-----------------------|---------------------------------|
| Connectivity          | Wi-Fi CERTIFIED™ a, b, g, n, ac |
|                       | WPA™ – Enterprise, Personal     |
|                       | WPA2™ – Enterprise, Personal    |
|                       | Wi-Fi Direct®                   |
| Optimization          | WMM®                            |
|                       | WMM®-Power Save                 |
| Access                | Wi-Fi Protected Setup™          |



**Security**

WPA™ – Enterprise, Personal  
WPA2™ – Enterprise, Personal  
EAP Type(s)  
EAP-TLS  
EAP-TTLS/MSCHAPv2  
PEAPv0/EAP-MSCHAPv2  
PEAPv1/EAP-GTC  
EAP-SIM  
EAP-AKA  
EAP-AKA Prime  
EAP-FAST  
Protected Management Frames

**Spectrum and Regulatory Features**

802.11h

**Wi-Fi CERTIFIED™ a**

**Wi-Fi CERTIFIED™ b**

**Wi-Fi CERTIFIED™ g**

**Wi-Fi CERTIFIED™ n**

2.4 GHz, 5 GHz  
2 Spatial Streams 2.4 GHz  
2 Spatial Streams 5 GHz  
Short Guard Interval  
TX A-MPDU  
STBC Receive  
40 MHz operation in 5 GHz  
HT Duplicate Mode (MCS 32)

**Wi-Fi CERTIFIED™ ac**

2 Spatial Streams 5 GHz  
Rx MCS 8-9 (256-QAM)  
Rx A-MPDU of A-MSDU  
Low Density Parity Check coding  
Tx SU beamformee

**Wi-Fi Direct®**

2.4 GHz, 5 GHz

**WMM®**

**WMM®-Power Save**

**Wi-Fi Protected Setup™**

2.4 GHz, 5 GHz  
PIN  
Push-Button (PBC)