



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

Certification ID: WFA111080

Product Info

Date of Certification	March 3, 2021
Company	Samsung Electronics
Product Name	SM-G780G/DSM
Product Model Variant	"2021-03-03"
Model Number	SM-G780G/DSM
Category	Phones
Sub-category	Smartphone

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Connectivity	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
Optimization	WMM®
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2020-02 WPA3™-Enterprise 2018-04 WPA3™-Personal 2020-02



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Role: Access Point

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Wi-Fi Components

Wi-Fi Component Operating System

Android, version:11.0

Wi-Fi Component Firmware

WLAN.HST.1.0.1.c6-00030-QCAHSTSWPL_SILICONZ-1

RF Architecture

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

Certifications

2.4 GHz Spectrum Capabilities

5 GHz Spectrum Capabilities

Protected Management Frames

WMM®

WPA2™-Enterprise 2018-04

EAP methods

WPA2™-Personal 2020-02

WPA3™-Personal 2020-02

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

OBSS on Extension Channel
Short Guard Interval

Wi-Fi CERTIFIED™ n (continued)

STBC
A-MPDU Tx



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Role: Station

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Certifications

2.4 GHz Spectrum Capabilities

5 GHz Spectrum Capabilities

Protected Management Frames

WMM®

WPA2™-Enterprise 2018-04

EAP methods

- EAP AKA
- EAP AKA Prime
- EAP SIM
- EAP TLS
- EAP TTLS
- PEAPv0
- PEAPv1

WPA2™-Personal 2020-02

WPA3™-Enterprise 2018-04

EAP methods

- EAP AKA
- EAP AKA Prime

WPA3™-Enterprise 2018-04 (continued)

- EAP SIM
- EAP TLS
- EAP TTLS
- PEAPv0
- PEAPv1

WPA3™-Personal 2020-02

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

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