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 ID: WFA81103

Product Info

Date of Certification	November 30, 2020
Company	Samsung Electronics
Product Name	SM-G970F/DS
Product Model Variant	SM-G970F/DS
Model Number	SM-G970F/DS
Category	Phones
Sub-category	Smartphone

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Network management	WMM® WMM®-Power Save Wi-Fi Agile Multiband™
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2020-02 WPA3™-Personal 2020-02
Wi-Fi (MAC/PHY)	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

Wi-Fi Components

Wi-Fi Component Operating System

Android, version:11.0

Wi-Fi Component Firmware

18.35.220

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®

WMM®-Power Save

Legacy Power Save

Unschedule auto PS

WPA2™-Enterprise 2018-04

EAP methods

    EAP AKA

    EAP AKA Prime

    EAP SIM

    EAP TLS

    EAP TTLS

    PEAPv0

    PEAPv1

WPA2™-Personal 2020-02

WPA3™-Personal 2020-02

Wi-Fi Agile Multiband™

Beacon Report Measurement Active Mode

Beacon Report Measurement Passive Mode

BTM Query

Cellular Data capable

Fast Transition OTA on WPA2-Personal

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

A-MPDU Tx

OBSS on Extension Channel

Short Guard Interval