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: WFA81499

Product Info

Date of Certification	October 29, 2019
Company	Samsung Electronics
Product Name	SM-G9738
Product Model Variant	2019-10-29 (WFA81499 - 9915956)
Model Number	SM-G9738
Category	Phones
Sub-category	Smartphone

Summary of Certifications

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

Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA81499

CLASSIFICATION	CERTIFICATION
Wi-Fi (MAC/PHY)	Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n

Wi-Fi CERTIFIED™ Certificate

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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	WPA2™-Enterprise 2018-04 (continued)
20 MHz Channel Width in 2.4 GHz	EAP TLS

5 GHz Spectrum Capabilities	WPA2™-Personal 2018-04

	WPA3™-Enterprise 2018-04
20 MHz Channel Width in 5 GHz	EAP TLS
40 MHz Channel Width in 5 GHz	
80 MHz Channel Width in 5 GHz	

Protected Management Frames	WPA3™-Personal 2018-04
Spectrum & Regulatory	Wi-Fi Agile Multiband™
Voice-Enterprise	Wi-Fi CERTIFIED™ a
WMM®	Wi-Fi CERTIFIED™ ac

	Short Guard Interval
WMM®-Admission Control	
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