



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: www.wi-fi.org/certification/programs

Certification ID: WFA129413

Product Info

Date of Certification	January 10, 2024
Company	Samsung Electronics
Product Name	Mobile Phone
Product Model Variant	SM-C5560
Model Number	SM-C5560
Category	Phones
Sub-category	Smartphone

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Protected Setup™
Applications & Services	Voice-Enterprise
Connectivity	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED 6® Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n Wi-Fi Direct®
Optimization	WMM® WMM®-Admission Control WMM®-Power Save Wi-Fi Agile Multiband™
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2021-01 WPA3™-Enterprise 2022-12

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Summary of Certifica	ations (continued)	Page 2 of 6
CLASSIFICATION	CERTIFICATION	
Security	WPA3™-Personal 2022-06	

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Wi-Fi CERTIFIED[™] Certificate

Certification ID: WFA129413



Role: Access Point

Wi-Fi Components

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Wi-Fi Component Operating System	RF Architecture
Android	Bands Supported
Wi-Fi Component Firmware WLAN.MSL.2.0-01052-QCAMSLSWPLZ-1	2.4 GHz
WLAN.IVI3L.2.0-01032-QCAW3L3WFL2-1	

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 40 MHz Channel Width in 2.4 GHz

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 160 MHz Channel Width in 5 GHz

Wi-Fi CERTIFIED 6® (continued)

Compressed Block Ack Tx (buffer size 256) DL OFDMA Individual Target Wake Time LDPC Rx LDPC Tx MU EDCA Parameter Set element MU-BAR Trigger frame **TXOP RTS Threshold UL OFDMA**

Protected Management Frames

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU LDPC Rx LDPC Tx Short Guard Interval STBC

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

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WMM®

WPA2[™]-Personal 2021-01

WPA3[™]-Personal 2<u>022-06</u>

Wi-Fi CERTIFIED 6®

A-MPDU with A-MSDU **BSRP** Trigger frame Compressed Block Ack Rx (buffer size 256)



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Role: Access Point

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Wi-Fi CERTIFIED™ n

A-MPDU Tx HT Duplicate Mode OBSS on Extension Channel Short Guard Interval STBC

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Role: Station

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Wi-Fi Components			
Wi-Fi Component Operating System	RF Architecture		
Android	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware WLAN.MSL.2.0-01052-QCAMSLSWPLZ-1	2.4 GHz	2	2
	5 GHz	2	2

Certifications

2.4 GHz Spectrum Capabilities	WPA2™-Enterprise 2018-04
20 MHz Channel Width in 2.4 GHz 40 MHz Channel Width in 2.4 GHz	EAP methods EAP AKA EAP AKA Prime
5 GHz Spectrum Capabilities	EAP SIM EAP TLS
20 MHz Channel Width in 5 GHz 40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz 160 MHz Channel Width in 5 GHz	EAP TTLS PEAPv0 PEAPv1 WPA2™-Personal 2021-01
Protected Management Frames	WPA3™-Enterprise 2022-12
Voice-Enterprise	EAP methods
	EAP AKA
WMM®	EAP AKA Prime
WMM® WMM®-Admission Control	EAP AKA Prime EAP SIM EAP TLS
	EAP SIM
WMM®-Admission Control	EAP SIM EAP TLS EAP TTLS

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Role: Station

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Wi-Fi Agile Multiband™

Beacon Report Measurement Active Mode

Wi-Fi CERTIFIED 6®

A-MPDU with A-MSDU **BSRP** Trigger frame DL MU-MIMO LDPC Tx LDPC Rx MCS 10-11 Rx MCS 10-11 Tx MCS 8-9 Rx MCS 8-9 Tx MU EDCA Parameter Set element **MU-BAR Trigger frame MU-RTS** Trigger frame M-BSSID Operating mode subfield in A-Control field SU beamformee **UL OFDMA**

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

A-MPDU Tx

HT Duplicate Mode OBSS on Extension Channel Short Guard Interval STBC

Wi-Fi Direct®

Wi-Fi Direct with WPA2

Wi-Fi Protected Setup™

PIN

Pushbutton

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU DL MU-MIMO LDPC Rx MCS 8-9 Rx Short Guard Interval STBC LDPC Tx SU beamformee

Wi-Fi CERTIFIED™ b

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