



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: WFA70384

Product Info

| | |
|------------------------------|--|
| Date of Certification | July 27, 2018 |
| Company | Samsung Electronics |
| Product Name | SM-J530F/DS |
| Product Model Variant | 2018-07-27 (WFA70384 - 7404180) |
| Model Number | SM-J530F/DS |
| Category | Phones |
| Sub-category | Smartphone, multi-mode (Wi-Fi and other) |

Summary of Certifications

| CLASSIFICATION | CERTIFICATION |
|------------------------------------|---|
| Applications & Services | Wi-Fi Direct® |
| Connectivity | 2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n |
| Optimization | WMM® WMM®-Power Save |
| Security | Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2018-04 WPA™-Enterprise WPA™-Personal |



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Role: Station

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Wi-Fi Components

Wi-Fi Component Operating System

Android, version:8.0

Wi-Fi Component Firmware

7.120.2

RF Architecture

| Bands Supported | Transmit (Tx) | Receive (Rx) |
|-----------------|---------------|--------------|
| 2.4 GHz | 1 | 1 |
| 5 GHz | 1 | 1 |

Certifications

2.4 GHz Spectrum Capabilities

20 MHz Channel Width

40 MHz Channel Width

WPA2™-Enterprise 2018-04 (continued)

PEAPv0

PEAPv1

5 GHz Spectrum Capabilities

20 MHz Channel Width

40 MHz Channel Width

WPA2™-Personal 2018-04

WPA™-Enterprise

WPA™-Personal

Protected Management Frames

Wi-Fi CERTIFIED™ a

WMM®

Wi-Fi CERTIFIED™ ac

WMM®-Power Save

LDPC Rx

Short Guard Interval

LDPC Tx

SU beamformee

WPA2™-Enterprise 2018-04

EAP methods

EAP AKA

EAP AKA Prime

EAP FAST-MSCHAPv2

EAP SIM

EAP TLS

EAP TTLS

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n



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Wi-Fi CERTIFIED™ n (continued)

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

Wi-Fi Direct®