



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

## **Certification ID: WFA114254**

## **Product Info**

**Date of Certification** September 7, 2021

Company FCNT LLC

Product Name SD01

Product Model Variant SD01

Model Number SD01

**Category** Phones

**Sub-category** Smartphone

## **Summary of Certifications**

CLASSIFICATION CERTIFICATION

Access Passpoint® Release 2

Wi-Fi Easy Connect™ Wi-Fi Protected Setup™

**Applications & Services** Miracast®

**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

Wi-Fi Direct®

Wi-Fi Enhanced Open™ 2021-01

**Optimization** TDLS

**WMM®** 

WMM®-Power Save

Security Protected Management Frames

WPA2<sup>™</sup>-Enterprise 2018-04 WPA2<sup>™</sup>-Personal 2021-01





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## **Summary of Certifications (continued)**

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CLASSIFICATION CERTIFICATION

Security WPA3<sup>™</sup>-Enterprise 2020-02

WPA3™-Personal 2020-02

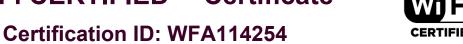




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Role: Access Point		Page 3 of 7	
Wi-Fi Components			
Wi-Fi Component Operating System	RF Architecture		
Android Version 11	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware 1.0	2.4 GHz	2	2
Certifications			
2.4 GHz Spectrum Capabilities			
20 MHz Channel Width in 2.4 GHz			
Protected Management Frames			
WMM®			
WPA2™-Personal 2021-01			
WPA3™-Personal 2020-02			
Wi-Fi CERTIFIED™ b			
Wi-Fi CERTIFIED™ g			
Wi-Fi CERTIFIED™ n			
Short Guard Interval			
STBC A-MPDU Tx			







Role: Station Page 4 of 7

## Wi-Fi Components

**Wi-Fi Component Operating System** 

Android Version 11

Wi-Fi Component Firmware

1.0

#### **RF Architecture**

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

#### **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

## Passpoint® Release 2

Display and input method

Display of HS2.0 indication

NAI Home Realm Query element

Network Icon support

Network Information in network selection

OMA DM

Operating Class Indication

Online Sign Up and Policy provisioning

SIM credentials

**USIM** Credentials

## **Protected Management Frames**

#### **TDLS**

#### **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 2021-01

## WPA3™-Enterprise 2020-02

EAP methods





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#### WPA3™-Enterprise 2020-02 (continued)

EAP AKA

**EAP AKA Prime** 

EAP SIM

**EAP TLS** 

**EAP TTLS** 

PEAPv0

PEAPv1

192-bit security

192-bit security RSA 3K with the

TLS\_ECDHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384

cipher suite

Server Certificate Validation

#### WPA3™-Personal 2020-02

## 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

## Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

STBC

## Wi-Fi CERTIFIED™ n (continued)

A-MPDU Tx

**OBSS on Extension Channel** 

**Power Management** 

Short Guard Interval

## Wi-Fi Direct®

## Wi-Fi Easy Connect™

Bootstrapping methods

QR code responder

Public Key Exchange (PKEX)

## Wi-Fi Enhanced Open™ 2021-01

## Wi-Fi Protected Setup™

Pushbutton





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Role: Configurator Page 6 o		age 6 of 7	
Wi-Fi Components			
Wi-Fi Component Operating System	RF Architecture		
Android Version 11	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware 1.0	2.4 GHz	2	2
1.0	5 GHz	2	2
Certifications  Wi-Fi Easy Connect™  Provisioning configurator			





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Role: Source Page 7 of 7		age 7 of 7	
Wi-Fi Components			
Wi-Fi Component Operating System	RF Architecture		
Android Version 11	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware 1.0	2.4 GHz	2	2
1.0	5 GHz	2	2
Certifications  Miracast®  HDCP Encryption			