



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

## Certification ID: WFA113061

### **Product Info**

Date of Certification	August 24, 2021
Company	FCNT LLC
Product Name	F-51B
Product Model Variant	F-51B
Model Number	F-51B
Category	Phones
Sub-category	Smartphone

### **Summary of Certifications**

CLASSIFICATION	CERTIFICATION
Access	Passpoint® Release 3 Wi-Fi Protected Setup™
Alternative topologies	TDLS Wi-Fi Direct®
Applications	Miracast®
Network management	WMM® WMM®-Power Save
Security	Protected Management Frames WPA2 <sup>™</sup> -Enterprise 2018-04 WPA2 <sup>™</sup> -Personal 2021-01 WPA3 <sup>™</sup> -Enterprise 2020-02 WPA3 <sup>™</sup> -Personal 2020-02 Wi-Fi Enhanced Open <sup>™</sup> 2021-01
Wi-Fi (MAC/PHY)	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b

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## **Certification ID: WFA113061**



Summary of Certific	cations (continued)	Page 2 of 6
CLASSIFICATION	CERTIFICATION	
Wi-Fi (MAC/PHY)	Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n	

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**Certification ID: WFA113061** 



Role: Access Point		Pa	age 3 of 6	
Wi-Fi Components				
Wi-Fi Component Operating System Android Version 11	RF Architecture			
Android Version 11 Wi-Fi Component Firmware	Bands Supported		Receive (Rx)	
VXXR0XX	2.4 GHz	1	1	
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 A-MPDU Tx				
Wi-Fi Enhanced Open™ 2021-01				



## **Certification ID: WFA113061**



### **Role: Station**

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Wi-Fi Components			
Wi-Fi Component Operating System	<b>RF Architecture</b>		
Android Version 11	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware VXXR0XX	2.4 GHz	1	1
	5 GHz	1	1

#### Certifications

2.4 GHz Spectrum Capabilities	Protected Management Frames
20 MHz Channel Width in 2.4 GHz	TDLS
5 GHz Spectrum Capabilities	WMM®
20 MHz Channel Width in 5 GHz	WMM®-Power Save
40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz	Unschedule auto PS
Passpoint® Release 3	WPA2™-Enterprise 2018-04
Display and input method Display of HS2.0 indication Operating Class Indication SIM credentials USIM Credentials Network Icon support Network Information in network selection Online Sign Up and Policy provisioning Online Sign Up using single SSID	EAP methods EAP AKA EAP AKA Prime EAP SIM EAP TLS EAP TTLS PEAPv0 PEAPv1
Venue Information	WPA2™-Personal 2021-01
Terms and Conditions Roaming Consortium Selection	WPA3™-Enterprise 2020-02

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#### **Role: Station**

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#### WPA3<sup>™</sup>-Enterprise 2020-02 (continued) Wi-Fi CERTIFIED™ n (continued) EAP methods A-MPDU Tx EAP AKA **OBSS** on Extension Channel EAP AKA Prime Short Guard Interval EAP SIM EAP TLS Wi-Fi Direct® EAP TTLS PEAPv0 Wi-Fi Enhanced Open<sup>™</sup> 2021-01 PEAPv1 192-bit security Wi-Fi Protected Setup™ 192-bit security RSA 3K with the TLS\_ECDHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384 cipher suite Pushbutton Server Certificate Validation WPA3<sup>™</sup>-Personal 2020-02 Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED<sup>™</sup> ac A-MPDU with A-MSDU DL MU-MIMO MCS 8-9 Rx

STBC LDPC Tx SU beamformee

Short Guard Interval

### Wi-Fi CERTIFIED™ b

#### Wi-Fi CERTIFIED™ g

#### Wi-Fi CERTIFIED™ n

STBC

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# Wi-Fi CERTIFIED<sup>™</sup> Certificate

## Certification ID: WFA113061



#### Role: Sou

Role: Source		Pa	age 6 of 6
Wi-Fi Components			
Wi-Fi Component Operating System	RF Architecture		
Android Version 11	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware VXXR0XX	2.4 GHz	1	1
	5 GHz	1	1
Ocutifications			

#### Certifications

#### **Miracast**®

**HDCP** Encryption

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