



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

### **Certification ID: WFA128195**

#### **Product Info**

Date of Certification January 17, 2024

Company Samsung Electronics

Product Name Galaxy Tab A9+ 5G

Product Model Variant Android 14

Model Number SM-X218U

Category Tablets, Ereaders & Cameras

**Sub-category** Tablet (Wi-Fi and other)

#### **Summary of Certifications**

CLASSIFICATION CERTIFICATION

Access Wi-Fi Protected Setup™

Alternative topologies Wi-Fi Direct®

Network management WMM®

WMM®-Admission Control

WMM®-Power Save

Performance Voice-Enterprise

**Security** Protected Management Frames

WPA2<sup>™</sup>-Enterprise 2018-04 WPA2<sup>™</sup>-Personal 2021-01 WPA3<sup>™</sup>-Enterprise 2022-12 WPA3<sup>™</sup>-Personal 2022-06

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™ g



**Certification ID: WFA128195** 



# Summary of Certifications (continued) Page 2 of 5 CLASSIFICATION CERTIFICATION Wi-Fi (MAC/PHY) Wi-Fi CERTIFIED™ n



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Role: Access Point	Page 3 of 5
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#### Wi-Fi Components

**Wi-Fi Component Operating System** 

Android 14

Wi-Fi Component Firmware

3.3.2.0.481.0

#### **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 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

#### Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

#### Wi-Fi CERTIFIED™ n

OBSS on Extension Channel Short Guard Interval A-MPDU Tx

#### **Protected Management Frames**

**WMM®** 

WPA2™-Personal 2021-01

WPA3™-Personal 2022-06

Wi-Fi CERTIFIED™ a

#### Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU MCS 8-9 Rx Short Guard Interval



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**Role: Station** Page 4 of 5 Wi-Fi Components **Wi-Fi Component Operating System RF Architecture** Android 14 Bands Supported Transmit (Tx) Receive (Rx) Wi-Fi Component Firmware 2.4 GHz 1 3.3.2.0.481.0 5 GHz Certifications 2.4 GHz Spectrum Capabilities WMM®-Power Save (continued) 20 MHz Channel Width in 2.4 GHz Legacy Power Save 40 MHz Channel Width in 2.4 GHz Unschedule auto PS WPA2™-Enterprise 2018-04 5 GHz Spectrum Capabilities 20 MHz Channel Width in 5 GHz EAP methods 40 MHz Channel Width in 5 GHz EAP AKA 80 MHz Channel Width in 5 GHz **EAP AKA Prime EAP SIM EAP TLS Protected Management Frames EAP TTLS** PEAPv0 **Spectrum & Regulatory** PEAPv1 802.11h

WPA2™-Personal 2021-01

Voice-Enterprise WPA3™-Enterprise 2022-12

WMM® EAP methods

EAP AKA

WMM®-Admission Control EAP AKA Prime

WMM®-Power Save EAP SIM

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PIN

Pushbutton

Wi-Fi Protected Setup™

# WPA3™-Enterprise 2022-12 (continued) EAP TTLS PEAPv0 PEAPv1 Server Certificate Validation

#### WPA3™-Personal 2022-06

#### Wi-Fi CERTIFIED™ a

#### Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU

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

A-MPDU Tx

OBSS on Extension Channel

Power Management

Short Guard Interval

STBC

#### Wi-Fi Direct®

Wi-Fi Direct with WPA2