



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

# **Certification ID: WFA90117**

## **Product Info**

Date of Certification	May 30, 2019
Company	Motorola Mobility LLC
Product Name	XT2010-1
Product Model Variant	2019-05-30 (WFA90117 - merged)
Model Number	XT2010-1
Category	Phones
Sub-category	Smartphone

## **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 2018-04 WPA3 <sup>™</sup> -Enterprise 2018-04 WPA3 <sup>™</sup> -Personal 2019-08
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

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

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## **Role: Access Point**

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Wi-Fi Components			
Wi-Fi Component Operating System	<b>RF Architecture</b>		
Android, version:9	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware	2.4 GHz	1	1
5.0.1	5 GHz	1	1

### Certifications

2.4 GHz Spectrum Capabilities	Wi-Fi CERTIFIED™ n (continued)
20 MHz Channel Width in 2.4 GHz 40 MHz Channel Width in 2.4 GHz	OBSS on Extension Channel Short Guard Interval A-MPDU Tx
5 GHz Spectrum Capabilities	
20 MHz Channel Width in 5 GHz 40 MHz Channel Width in 5 GHz	
Spectrum & Regulatory	
802.11d	
WMM®	
WPA2™-Personal 2018-04	
Wi-Fi CERTIFIED™ a	
Wi-Fi CERTIFIED™ b	
Wi-Fi CERTIFIED™ g	
Wi-Fi CERTIFIED™ n	

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## **Role: Station**

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Wi-Fi Components			
Wi-Fi Component Operating System	<b>RF Architecture</b>		
Android, version:9	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware 3.0.1	2.4 GHz	1	1
5.0.1	5 GHz	1	1

### Certifications

2.4 GHz Spectrum Capabilities	WMM®-Power Save (continued)
20 MHz Channel Width in 2.4 GHz 40 MHz Channel Width in 2.4 GHz	Legacy Power Save Unschedule auto PS
5 GHz Spectrum Capabilities	WPA2™-Enterprise 2018-04
20 MHz Channel Width in 5 GHz 40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz	EAP methods EAP AKA EAP AKA Prime EAP SIM
Protected Management Frames	EAP TLS EAP TTLS
Spectrum & Regulatory	PEAPv0 PEAPv1
802.11h	WPA2™-Personal 2018-04
Voice-Enterprise	WPA3™-Enterprise 2018-04
WMM®	EAP methods
WMM®-Admission Control	EAP AKA EAP AKA Prime
WMM®-Power Save	EAP SIM EAP TLS

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### **Role: Station**

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#### WPA3<sup>™</sup>-Enterprise 2018-04 (continued)

EAP TTLS

PEAPv0

PEAPv1

192-bit security

192-bit security RSA 3K with the TLS\_ECDHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384 cipher suite

#### WPA3<sup>™</sup>-Personal 2019-08

#### Wi-Fi CERTIFIED™ a

#### Wi-Fi CERTIFIED™ ac

Extended 5 GHz Channel Support RTS with BW Signaling 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

#### STBC

A-MPDU Tx OBSS on Extension Channel Power Management Short Guard Interval

### Wi-Fi Direct®

### Wi-Fi Protected Setup™

PIN

Pushbutton

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