



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 ID: WFA83542

Product Info

| | |
|------------------------------|---------------------------------|
| Date of Certification | April 23, 2019 |
| Company | LG Electronics |
| Product Name | LM-X520ZMW |
| Product Model Variant | 2019-04-23 (WFA83542 - 8303339) |
| Model Number | LM-X520ZMW |
| Category | Phones |
| Sub-category | Smartphone |

Summary of Certifications

| CLASSIFICATION | CERTIFICATION |
|-------------------------------|---|
| Access | Passpoint® Release 2 |
| Alternative topologies | Wi-Fi Direct® |
| Network management | WMM® WMM®-Admission Control WMM®-Power Save |
| Performance | Voice-Enterprise |
| Security | Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2018-04 |
| 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 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

Android, version:P-OS

Wi-Fi Component Firmware

Rev 1.0

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
40 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 of HS2.0 indication
Network Icon support
Operating Class Indication
Online Sign Up and Policy provisioning
SIM credentials

Protected Management Frames

Voice-Enterprise

WMM®

WMM®-Admission Control

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 2018-04

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

Short Guard Interval

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Wi-Fi CERTIFIED™ ac (continued)

SU beamformee

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

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

Wi-Fi Direct®

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