



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/programs

Certification ID: WFA58675

Product Info

| | |
|-----------------------|---------------------------------|
| Date of Certification | February 2, 2015 |
| Company | LG Electronics |
| Product Name | LG-H814 |
| Product Model Variant | 2015-02-02 (WFA58675 - 2638878) |
| Model Number | LG-H814 |
| Category | Phones |
| Sub-category | Smartphone |

Summary of Certifications

| CLASSIFICATION | CERTIFICATION |
|-------------------------|--|
| Access | Passpoint® Release 1 Wi-Fi Protected Setup™ |
| Applications & Services | Miracast® Voice-Enterprise |
| 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® |
| Optimization | WMM® WMM®-Admission Control WMM®-Power Save |
| Security | Protected Management Frames WPA2™-Enterprise WPA2™-Personal |

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Wi-Fi CERTIFIED™ Certificate

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Role: Station

Page 2 of 4

Wi-Fi Components

Wi-Fi Component Operating System

Android, version:L

Wi-Fi Component Firmware

V1.0

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 1

Display and input method
Display of HS2.0 indication
NAI Home Realm Query element
Operating Class Indication
SIM credentials
USIM Credentials

Protected Management Frames

Voice-Enterprise

WMM®

WMM®-Admission Control

WMM®-Power Save

Legacy Power Save
Unschedule auto PS

WPA2™-Enterprise

EAP methods
EAP AKA
EAP AKA Prime
EAP FAST-MSCHAPv2
EAP SIM
EAP TLS
EAP TTLS
PEAPv0
PEAPv1

WPA2™-Personal

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

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Wi-Fi CERTIFIED™ ac (continued)

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
HT Duplicate Mode
OBSS on Extension Channel
RIFS
Short Guard Interval

Wi-Fi Direct®

Wi-Fi Direct Send - Transmit
Wi-Fi Direct Send - Receive

Wi-Fi Protected Setup™

PIN
Pushbutton
NFC interface
NFC tag



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Certification ID: WFA58675



Role: Source

Page 4 of 4

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Certifications

Miracast®

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