



# 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](http://www.wi-fi.org/certification/programs)

**Certification ID: WFA53916**

## Product Info

<b>Date of Certification</b>	March 24, 2014
<b>Company</b>	LG Electronics
<b>Product Name</b>	LGE Smart phone
<b>Product Model Variant</b>	2014-03-24 (WFA53916 - 1743975)
<b>Model Number</b>	LG-V490
<b>Category</b>	Tablets, Ereaders & Cameras
<b>Sub-category</b>	Tablet (Wi-Fi and other)

## Summary of Certifications

CLASSIFICATION	CERTIFICATION
<b>Access</b>	Passpoint® Release 1 Wi-Fi Protected Setup™
<b>Applications &amp; Services</b>	Miracast®
<b>Connectivity</b>	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n Wi-Fi Direct®
<b>Optimization</b>	WMM® WMM®-Power Save
<b>Security</b>	WPA2™-Enterprise WPA2™-Personal WPA™-Enterprise WPA™-Personal



# Wi-Fi CERTIFIED™ Certificate

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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Android, version:(empty)

### Wi-Fi Component Firmware

(empty)

### 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

### WPA2™-Enterprise (continued)

PEAPv0  
PEAPv1

### 5 GHz Spectrum Capabilities

20 MHz Channel Width in 5 GHz  
40 MHz Channel Width in 5 GHz

### WPA2™-Personal

### WPA™-Enterprise

### WPA™-Personal

### Passpoint® Release 1

### Wi-Fi CERTIFIED™ a

### WMM®

### Wi-Fi CERTIFIED™ b

### WMM®-Power Save

### Wi-Fi CERTIFIED™ g

### WPA2™-Enterprise

### Wi-Fi CERTIFIED™ n

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

STBC  
A-MPDU Tx  
OBSS on Extension Channel  
RIFS  
Short Guard Interval

### Wi-Fi Direct®



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## Wi-Fi Protected Setup™

PIN

Pushbutton



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Role: Source

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## Wi-Fi Components

### Wi-Fi Component Operating System

Android, version:(empty)

### Wi-Fi Component Firmware

(empty)

### RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	1	1
5 GHz	1	1

## Certifications

### Miracast®

HDCP Encryption