# 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: WFA62216

## Product Info

| | |
|---|---|
| Date of Certification | September 22, 2015 |
| Company | LG Electronics |
| Product Name | 43UF6859 |
| Product Model Variant | 2015-09-22 (WFA62216 - 3402657) |
| Model Number | 43UF6859 |
| Category | Televisions & Set Top Boxes |
| Sub-category | Television |

## Summary of Certifications

| CLASSIFICATION | CERTIFICATION |
|---|---|
| Access | Wi-Fi Protected Setup™ |
| Applications & Services | Miracast® |
| Connectivity | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Wi-Fi CERTIFIED™ a<br>Wi-Fi CERTIFIED™ b<br>Wi-Fi CERTIFIED™ g<br>Wi-Fi CERTIFIED™ n<br>Wi-Fi Direct® |
| Optimization | WMM® |
| Security | WPA2™-Personal<br>WPA™-Personal |

## Wi-Fi Components

### Wi-Fi Component Operating System
Linux

### Wi-Fi Component Firmware
1.0

### RF Architecture

| Bands Supported | Transmit (Tx) | Receive (Rx) |
| --- | --- | --- |
| 2.4 GHz | 2 | 2 |
| 5 GHz | 2 | 2 |

## 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

### WMM®

### WPA2™-Personal

### WPA™-Personal

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

STBC

### Wi-Fi CERTIFIED™ n (continued)

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

### Wi-Fi Direct®

### Wi-Fi Protected Setup™

PIN
Pushbutton

## Wi-Fi Components

**Wi-Fi Component Operating System**

Linux

**Wi-Fi Component Firmware**

1.0

**RF Architecture**

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|---|---|---|
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## Certifications

**Miracast®**