



# Wi-Fi CERTIFIED® Certificate



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: [www.wi-fi.org](http://www.wi-fi.org)

**Certification ID: WFA54637**

## Product Info

<b>Date of Certification</b>	May 12, 2014
<b>Company</b>	Philips
<b>Product Name</b>	LED TV
<b>Product Model Variant</b>	2014-05-12 (WFA54637 - 1880743)
<b>Model Number</b>	42PFK7109
<b>Category</b>	Televisions & Set Top Boxes
<b>Sub-category</b>	Television

## Summary of Certifications

<b>CLASSIFICATION</b>	<b>CERTIFICATION</b>
<b>Access</b>	Wi-Fi Protected Setup™
<b>Alternative topologies</b>	Wi-Fi Direct®
<b>Applications</b>	Miracast®
<b>Network management</b>	WMM®
<b>Security</b>	WPA2™-Personal
<b>Wi-Fi (MAC/PHY)</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

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# Wi-Fi CERTIFIED® Certificate

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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux, version:NET TV version0.19

### Wi-Fi Component Firmware

QN141E\_012.001.076.001

### 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

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

A-MPDU Tx  
HT Duplicate Mode  
RIFS

### Wi-Fi CERTIFIED™ n (continued)

Short Guard Interval

### Wi-Fi Direct®

### Wi-Fi Protected Setup™

PIN  
Pushbutton

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# Wi-Fi CERTIFIED® Certificate

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Role: Display

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux, version:NET TV version0.19

### Wi-Fi Component Firmware

QN141E\_012.001.076.001

### RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	2	2
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## Certifications

Miracast®

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