



# 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: WFA57667**

## Product Info

|                              |                                 |
|------------------------------|---------------------------------|
| <b>Date of Certification</b> | December 9, 2014                |
| <b>Company</b>               | Toshiba                         |
| <b>Product Name</b>          | LCD TV                          |
| <b>Product Model Variant</b> | 2014-12-09 (WFA57667 - 2476078) |
| <b>Model Number</b>          | 49J10                           |
| <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>Connectivity</b>                       | 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 |
| <b>Optimization</b>                       | WMM®   |
| <b>Security</b>                           | WPA2™-Personal<br>WPA™-Personal  |
| <b>Spectrum &amp; Regulatory Features</b> | Spectrum & Regulatory  |



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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux

### Wi-Fi Component Firmware

4.0.7

### 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

### Spectrum & Regulatory

802.11h

WMM®

WPA2™-Personal

WPA™-Personal

Wi-Fi CERTIFIED™ a

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 Protected Setup™

PIN

Pushbutton