



# 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: WFA70098**

## Product Info

Date of Certification	January 25, 2017
Company	Sony Group Corporation
Product Name	Digital TV BRAVIA
Product Model Variant	2017-01-25 (WFA70098 - 5045214)
Model Number	KD-49TR1103
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 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	TDLS WMM®
Security	Protected Management Frames WPA2™-Personal
Spectrum & Regulatory Features	Spectrum & Regulatory

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# Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA70098



Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Android

### Wi-Fi Component Firmware

20161107

### 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

80 MHz Channel Width in 5 GHz

### Protected Management Frames

### Spectrum & Regulatory

802.11h

### TDLS

### WMM®

### WPA2™-Personal

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

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

OBSS on Extension Channel

RIFS

Short Guard Interval

### Wi-Fi Direct®

### Wi-Fi Protected Setup™

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## Wi-Fi Protected Setup™ (continued)

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

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### Wi-Fi Component Firmware

20161107

### RF Architecture

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

Miracast®

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