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 ID: WFA62349

Product Info

Date of Certification	September 30, 2015
Company	Sharp Corporation
Product Name	AQUOS LCD TV
Product Model Variant	2015-09-30 (WFA62349 - 3424925)
Model Number	LV-85001
Category	Televisions & Set Top Boxes
Sub-category	Television

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Protected Setup™
Alternative topologies	Wi-Fi Direct®
Applications	Miracast®
Network management	WMM®
Security	Protected Management Frames WPA2™-Personal
Wi-Fi (MAC/PHY)	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Spectrum & Regulatory Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n

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Wi-Fi CERTIFIED® Certificate

Certification ID: WFA62349

Role: Station

Wi-Fi Components

Wi-Fi Component Operating System

Linux, version:3.10.20

Wi-Fi Component Firmware

7.35

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

WMM®

WPA2™-Personal

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

Wi-Fi CERTIFIED™ ac (continued)

A-MPDU with A-MSDU
LDPC Rx
MCS 8-9 Rx
Short Guard Interval
LDPC Tx
SU beamformee

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

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

Wi-Fi Direct®

Wi-Fi Protected Setup™

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Wi-Fi CERTIFIED® Certificate

Certification ID: WFA62349

Role: Station

Wi-Fi Protected Setup™ (continued)

PIN

Pushbutton

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Wi-Fi CERTIFIED® Certificate

Certification ID: WFA62349

Role: Display

Wi-Fi Components

Wi-Fi Component Operating System

Linux, version:3.10.20

Wi-Fi Component Firmware

7.35

RF Architecture

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

Certifications

Miracast®

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