

# 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: WFA68835**

### **Product Info**

Date of Certification	December 2, 2016
Company	LG Electronics
Product Name	55UJ630M
Product Model Variant	2016-12-02 (WFA68835 - 4847576)
Model Number	55UJ630M
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	WMM® WMM®-Power Save
Security	Protected Management Frames WPA2™-Personal

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# Wi-Fi CERTIFIED<sup>™</sup> Certificate

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## **Role: Station**

Role: Station		Pa	age 2 of 3	
Wi-Fi Components				
Wi-Fi Component Operating System	<b>RF Architecture</b>			
Linux	Bands Supported	Transmit (Tx)	Receive (Rx)	
Wi-Fi Component Firmware 1.0	2.4 GHz	2	2	
	5 GHz	2	2	

#### Certifications

2.4 GHz Spectrum Capabilities	Wi-Fi CERTIFIED™ ac (continued)	
20 MHz Channel Width in 2.4 GHz 40 MHz Channel Width in 2.4 GHz	MCS 8-9 Rx Short Guard Interval LDPC Tx	
5 GHz Spectrum Capabilities	SU beamformee	
20 MHz Channel Width in 5 GHz 40 MHz Channel Width in 5 GHz	Wi-Fi CERTIFIED™ b	
80 MHz Channel Width in 5 GHz	Wi-Fi CERTIFIED™ g	
Protected Management Frames	Wi-Fi CERTIFIED™ n	
WMM®	A-MPDU Tx HT Duplicate Mode	
WMM®-Power Save	OBSS on Extension Channel RIFS	
WPA2™-Personal	Short Guard Interval	
Wi-Fi CERTIFIED™ a	Wi-Fi Direct®	
Wi-Fi CERTIFIED™ ac	Wi-Fi Protected Setup™	
A-MPDU with A-MSDU LDPC Rx	PIN Pushbutton	

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#### **Role: Display** Page 3 of 3 **Wi-Fi Components** Wi-Fi Component Operating System **RF** Architecture Linux Bands Supported Transmit (Tx) Receive (Rx) Wi-Fi Component Firmware 2 2.4 GHz 2 1.0 2 2 5 GHz Certifications

Miracast®

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