



# 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: WFA136017**

## Product Info

Date of Certification	April 25, 2025
Company	Sharp Electronic R&D (Nanjing) Co., Ltd.
Product Name	SHARP LCD TV
Product Model Variant	HU & HN series
Model Number	4T-C55HU8500I
Category	Televisions & Set Top Boxes
Sub-category	Television

## Summary of Certifications

CLASSIFICATION	CERTIFICATION
Connectivity	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities 6 GHz Spectrum Capabilities Wi-Fi CERTIFIED 6® Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n Wi-Fi Enhanced Open™ 2023-12
Optimization	WMM® WMM®-Power Save Wi-Fi Agile Multiband™
Security	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2024-10

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Role: Station

Page 2 of 3

## Wi-Fi Components

### Wi-Fi Component Operating System

Android14 ref+5.0

### Wi-Fi Component Firmware

1.0.1

### RF Architecture

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

## Certifications

### 2.4 GHz Spectrum Capabilities

20 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

### 6 GHz Spectrum Capabilities

20 MHz Channel Width in 6 GHz

40 MHz Channel Width in 6 GHz

80 MHz Channel Width in 6 GHz

### Protected Management Frames

### WMM®

### WMM®-Power Save

### WPA2™-Personal 2021-01

### WPA3™-Personal 2024-10

### Wi-Fi Agile Multiband™

### Wi-Fi CERTIFIED 6®

BSRP Trigger frame  
DL MU-MIMO  
LDPC Tx  
LDPC Rx  
MU EDCA Parameter Set element  
MU-BAR Trigger frame  
MU-RTS Trigger frame  
M-BSSID  
SU beamformee  
UL OFDMA  
Wi-Fi 6E  
Multiple M-BSSID

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

RTS with BW Signaling

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Page 3 of 3

## Wi-Fi CERTIFIED™ ac (continued)

DL MU-MIMO  
LDPC Rx  
Short Guard Interval  
STBC  
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  
Short Guard Interval  
STBC

## Wi-Fi Enhanced Open™ 2023-12

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