# 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: WFA65968

## Product Info

| | |
|---|---|
| Date of Certification | January 31, 2018 |
| Company | Samsung Electronics |
| Product Name | Surround Audio Track |
| Product Model Variant | 2018-01-31 (WFA65968 - 6871813) |
| Model Number | HW-K850 |
| Category | Televisions & Set Top Boxes |
| Sub-category | Television |

## Summary of Certifications

| CLASSIFICATION | CERTIFICATION |
|---|---|
| Access | Wi-Fi Protected Setup™ |
| Connectivity | 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<br>Wi-Fi Direct® |
| Optimization | WMM® |
| Security | WPA2™-Personal 2017-10<br>WPA™-Personal |
| Spectrum & Regulatory Features | Spectrum & Regulatory |

## Wi-Fi Components

### Wi-Fi Component Operating System

Proprietary / Other, version:Linux 4.1.10, description:1

### Wi-Fi Component Firmware

5.0.0.79

### 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 2017-10

### WPA™-Personal

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

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

### Wi-Fi Direct®

### Wi-Fi Protected Setup™

PIN
Pushbutton