



# 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: WFA9043**

## Product Info

|                       |  |
|-----------------------|--|
| Date of Certification | April 14, 2010   |
| Company               | Samsung Electronics  |
| Product Name          | Blu-ray Player   |
| Product Model Variant | 2010-04-14 (WFA9043 - 8653)                                |
| Model Number          | BD-C5900   |
| Category              | Televisions & Set Top Boxes                                |
| Sub-category          | Set Top Box, Media Extender (includes players & recorders) |

## 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 |
| Optimization                   | WMM®   |
| Security                       | WPA2™-Personal<br>WPA™-Personal  |
| Spectrum & Regulatory Features | Spectrum & Regulatory  |



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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Proprietary / Other, description:(empty)

### Wi-Fi Component Firmware

(empty)

### 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

WPA™-Personal

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

Short Guard Interval

### Wi-Fi Protected Setup™

PIN