



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: www.wi-fi.org/certification/programs

Certification ID: WFA53059

Product Info

Date of Certification March 17, 2014

Company Samsung Electronics

Product Name Samsung Galaxy S5

Product Model Variant 2014-03-17 (WFA53059 - 5336926)

Model Number SC-04F

Category Phones

Sub-category Smartphone

Summary of Certifications

CLASSIFICATION CERTIFICATION

Access Passpoint® Release 1

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 WPA2™-Enterprise

WPA2[™]-Personal WPA[™]-Enterprise WPA[™]-Personal





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Summary	of Certi	ifications	(cont	inued)
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CLASSIFICATION

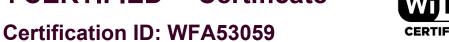
CERTIFICATION

Spectrum & Regulatory

Spectrum & Regulatory

Features







Role: Station	Page 3 of 5

Wi-Fi Components

Wi-Fi Component Operating System

Android, version:4.4

Wi-Fi Component Firmware

REV1.0

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

Passpoint® Release 1

Display and input method
Display of HS2.0 indication
NAI Home Realm Query element
Operating Class Indication
SIM credentials

Spectrum & Regulatory

802.11h

USIM Credentials

WMM®

WMM®-Power Save

Legacy Power Save Unschedule auto PS

WPA2™-Enterprise

EAP methods

EAP AKA

EAP FAST-MSCHAPv2

EAP SIM

EAP TLS

EAP TTLS

PEAPv0

PEAPv1

WPA2™-Personal

WPA™-Enterprise

WPA™-Personal

Wi-Fi CERTIFIED™ a





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Role: Station	Page 4 of 5
Wi-Fi CERTIFIED™ ac	
A-MPDU with A-MSDU MCS 8-9 Rx Short Guard Interval 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 Power Management Short Guard Interval	
Wi-Fi Direct® Wi-Fi Protected Setup™	
PIN Pushbutton	





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Role: Source	Page 5 of 5		
Wi-Fi Components			
Wi-Fi Component Operating System	RF Architecture		
Android, version:4.4	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware REV1.0	2.4 GHz	2	2
IXEVI.O	5 GHz	2	2
Certifications Miracast® HDCP Encryption			