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: WFA64253

Product Info

Date of Certification	November 4, 2016
Company	Cisco Systems
Product Name	Cisco 8540 WLAN Controller and Cisco CAP1702 AP
Product Model Variant	2016-11-04 (WFA64253 - 5507747)
Model Number	AIR-CT8540-K9 and AIR-CAP1702
Category	Routers
Sub-category	Enterprise/Service Provider Access Point, Switch/Controller or Router

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Passpoint® Release 2
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
Optimization	WMM® WMM®-Power Save Wi-Fi Vantage™ Release 1
Security	Protected Management Frames WPA2™-Enterprise WPA2™-Personal WPA™-Enterprise WPA™-Personal
Spectrum & Regulatory Features	Spectrum & Regulatory

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Wi-Fi Components

Wi-Fi Component Operating System

Proprietary / Other, version:8.2.1.120, description:AireOS and Cisco IOS

Wi-Fi Component Firmware

8.2.1.120

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 2

Online Sign Up and Policy provisioning

Protected Management Frames

Spectrum & Regulatory

802.11d
802.11h

WMM®

WMM®-Power Save

Legacy Power Save

WPA2™-Enterprise

EAP methods

WPA2™-Personal

WPA™-Enterprise

WPA™-Personal

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

LDPC Rx
LDPC Tx
MCS 8-9 Rx
Short Guard Interval
STBC
SU beamformer

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Wi-Fi CERTIFIED™ Certificate

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Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

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

Wi-Fi Vantage™ Release 1

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