



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

### **Certification ID: WFA77566**

#### **Product Info**

**Date of Certification** September 25, 2020

**Company** Texas Instruments

Product Name SimpleLink™ Wi-Fi CC3235

Product Model Variant 2020-09-25 (WFA77566 - merged)

Model Number CC3235

**Category** Other

Sub-category Embedded Module

### **Summary of Certifications**

CLASSIFICATION CERTIFICATION

Access Wi-Fi Protected Setup™

Additional capabilities Additional Features

Alternative topologies Wi-Fi Direct®

Network management WMM®

Wi-Fi Agile Multiband™

**Security** Protected Management Frames

WPA2<sup>™</sup>-Enterprise 2018-04 WPA2<sup>™</sup>-Personal 2018-04 WPA3<sup>™</sup>-Enterprise 2019-12 WPA3<sup>™</sup>-Personal 2019-12

Wi-Fi (MAC/PHY) 2.4 GHz Spectrum Capabilities

5 GHz Spectrum Capabilities

Spectrum & Regulatory Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n



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Role: Access Point		Page 2 of 4	
Wi-Fi Components			
Wi-Fi Component Operating System	RF Architecture		
ThreadX Wi-Fi Component Firmware 31.3.7.0.1	Bands Supported	Transmit (Tx)	Receive (Rx)
	2.4 GHz	1	1
	5 GHz	1	1
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			
Spectrum & Regulatory			
802.11d			
WPA2™-Personal 2018-04			
Wi-Fi CERTIFIED™ a			
Wi-Fi CERTIFIED™ b			
Wi-Fi CERTIFIED™ g			



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Role: Station Page 3 of 4

Wi-Fi Componer	nts
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Wi-Fi Component Operating System

ThreadX

Wi-Fi Component Firmware

31.3.7.0.1

#### **RF Architecture**

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	1	1

5 GHz 1 1

#### **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

WPA2™-Enterprise 2018-04 (continued)

EAP methods

EAP FAST-MSCHAPv2

EAP TLS

**EAP TTLS** 

PEAPv0

### Additional Features

Extended sleep time

Directed Multicast Service

Proxy NDP (IPv6)

Proxy ARP (IPv4)

WPA2™-Personal 2018-04

WPA3™-Enterprise 2019-12

EAP methods

EAP FAST-MSCHAPv2

EAP TLS

EAP TTLS

PEAPv0

Protected Management Frames

**Spectrum & Regulatory** 

802.11h

WPA3™-Personal 2019-12

Wi-Fi Agile Multiband™

**WMM®** 

Wi-Fi CERTIFIED™ a

WPA2™-Enterprise 2018-04

Wi-Fi CERTIFIED™ b





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Role: Station	Page 4 of 4
Wi-Fi CERTIFIED™ g	
Wi-Fi CERTIFIED™ n	
Short Guard Interval	
Wi-Fi Direct®	
Wi-Fi Protected Setup™	
PIN Pushbutton	