



Wi-Fi CERTIFIED™ Interoperability 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: WFA100681

Page 1 of 2

Date of Last Certification	August 07, 2020
Company	RivieraWaves SAS
Product	CEVA RW-11AX-1x1 platform
Model Number	CEVA-RW-WLAN-11AX-1x1
Product Identifier(s)	
Category	Other
Subcategory	Reference Design
Hardware Version	Product: CEVA-RW-11AX-1.0, Wi-Fi Component: CEVA-RW-11AX-1.0
Firmware Version	Product: CEVA-RW-11AX-1.0, Wi-Fi Component: CEVA-RW-11AX-1.0
Operating System	Proprietary / Other: Ceva-RW OS, version: 5.2.2
Frequency Band(s)	2.4 GHz, 5 GHz

Summary of Certifications

CLASSIFICATION	PROGRAM
Connectivity	Wi-Fi CERTIFIED 6™
	Wi-Fi CERTIFIED™ a, b, g, n, ac
	WPA™ – Enterprise, Personal
	WPA2™ – Enterprise, Personal
	WPA3™ – Enterprise, Personal
	Wi-Fi Enhanced Open™
Optimization	Wi-Fi Agile Multiband™
	WMM®



Security

WPA™ – Enterprise, Personal
WPA2™ – Enterprise, Personal
WPA3™ – Enterprise, Personal (Aug 2019)
EAP Type(s)
EAP-TLS
EAP-TTLS/MSCHAPv2
PEAPv0/EAP-MSCHAPv2
PEAPv1/EAP-GTC
EAP-SIM
EAP-AKA
EAP-AKA Prime
Protected Management Frames

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

2.4 GHz, 5 GHz
1 Spatial Stream 2.4 GHz
1 Spatial Stream 5 GHz
Short Guard Interval
TX A-MPDU
STBC Receive
40 MHz operation in 2.4 GHz, with coexistence mechanisms
40 MHz operation in 5 GHz
HT Duplicate Mode (MCS 32)

Wi-Fi CERTIFIED™ ac

1 Spatial Stream 5 GHz
Rx MCS 8-9 (256-QAM)
Rx STBC 2x1
Rx A-MPDU of A-MSDU
Low Density Parity Check coding
Tx SU beamformee
Rx DL MU-MIMO
Extended 5 GHz Channel Support

Wi-Fi CERTIFIED 6™

1 Spatial Stream 2.4 GHz Rx
1 Spatial Stream 5 GHz Rx
Maximum Supported Channel Width (20, 40, 80 MHz)
DL MU-MIMO
DL SU Beamforming
UL OFDMA
DL OFDMA
Target Wake Time (TWT)

Wi-Fi CERTIFIED 6™ (continued)

MCS 8-9 Rx
MU-BAR trigger frame
MU-RTS /CTS trigger frame
DL MU-PPDU with basic trigger frame
Buffer Status Report (BSRP) trigger frame
MU EDCA Parameter set
Multiple-BSSID Set
Low Density Parity Check (LDPC) coding

Wi-Fi Enhanced Open™

ECC Group 20

Wi-Fi Agile Multiband™

ANQP-based Neighbor Report

WMM®

Spectrum and Regulatory Features

802.11h