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: WFA20581

Product Info

Date of Certification	November 25, 2013
Company	Samsung Electronics
Product Name	Samsung Galaxy Mega (T-MOBILE)
Product Model Variant	2013-11-25 (WFA20581 - 1420755)
Model Number	SGH-M819N
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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CLASSIFICATION	CERTIFICATION
Spectrum & Regulatory Features	Spectrum & Regulatory
Wi-Fi & Cellular Radio Coexistence	CWG-RF

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Wi-Fi Components

Wi-Fi Component Operating System
Android

Wi-Fi Component Firmware
(empty)

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
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

CWG-RF

Passpoint® Release 1

Spectrum & Regulatory

802.11h

WMM®

WMM®-Power Save

WPA2™-Enterprise

WPA2™-Enterprise (continued)

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

Wi-Fi CERTIFIED™ ac

MCS 8-9 Rx
Short Guard Interval
STBC

Wi-Fi CERTIFIED™ b

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Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA20581

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

STBC

A-MPDU Tx

Short Guard Interval

Wi-Fi Direct®

Wi-Fi Protected Setup™

PIN

Pushbutton

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Certifications

Miracast®