



# 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](http://www.wi-fi.org/certification/programs)



**Certification ID: WFA101620**

## Product Info

<b>Date of Certification</b>	August 26, 2020
<b>Company</b>	Panasonic Automotive Systems Co., Ltd.
<b>Product Name</b>	Car Audio System
<b>Product Model Variant</b>	2020-08-26 (WFA101620 - 11543551)
<b>Model Number</b>	CA-9H39E2JT
<b>Category</b>	Other
<b>Sub-category</b>	In-vehicle Network

## Summary of Certifications

CLASSIFICATION	CERTIFICATION
<b>Connectivity</b>	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
<b>Optimization</b>	WMM®
<b>Security</b>	Protected Management Frames WPA2™-Personal 2018-04
<b>Spectrum &amp; Regulatory Features</b>	Spectrum & Regulatory



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Role: Station

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### Wi-Fi Components

#### Wi-Fi Component Operating System

Android, version:8.0

#### Wi-Fi Component Firmware

4.5.1.77.0

#### RF Architecture

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

#### Protected Management Frames

#### Spectrum & Regulatory

802.11h

#### WMM®

#### WPA2™-Personal 2018-04

#### Wi-Fi CERTIFIED™ a

#### Wi-Fi CERTIFIED™ ac

#### Wi-Fi CERTIFIED™ ac (continued)

Extended 5 GHz Channel Support  
RTS with BW Signaling  
A-MPDU with A-MSDU  
LDPC Rx  
MCS 8-9 Rx  
Short Guard Interval  
STBC  
LDPC Tx  
SU beamformee

#### Wi-Fi CERTIFIED™ b

#### Wi-Fi CERTIFIED™ g

#### Wi-Fi CERTIFIED™ n

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