



# Federal Communications Commission

Approved by OMB  
3060-0999  
See instructions for  
public burden estimate.

## Hearing Aid Compatibility Status Report (FCC Form 655)

Reporting Period: July 1, 2014 - June 30, 2015  
Filing Deadline: July 15, 2015  
Filing Date: 07/15/2015 08:51 PM

Filing Confirmation Number: 0006877079  
FRN: 0003762242

### General Report Information

#### Type of Company

Device Manufacturer

#### De Minimis Exception

Have you been offering handsets in the United States for at least three years prior to the end of the reporting period? No

Date that you began offering handsets in the United States 12/14

Are you a small entity? No

Were you a small entity at any time during the three years prior to the end of the reporting period? No

Date that you ceased to be a small entity?

#### Company Information

Company Name: Panasonic Corporation of North America  
Brand Names: Panasonic  
PO Box:  
Street Address: Two Riverfront Plaza - 9th  
City: Newark  
State: NJ  
Zip Code: 07102

Contact Name: Ben Botros  
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Contact Email: Ben.Botros@us.Panasonic.com

#### Filing Agent

Is this report being filed by an agent on behalf of a manufacturer or service provider? No

#### Product Labeling

Do all hearing aid-compatible handsets include labeling? Yes

Explain:

Do all hearing aid-compatible handsets that were tested under ANSI C63.19-2007, and that are capable of voice communication over any air interface or frequency band that does not have hearing aid compatibility technical standards under ANSI C63.19-2007, include the required language disclosing that the handset has not been rated for

hearing aid compatibility with respect to such operation?

N/A

Explain:

Do all hearing aid-compatible handsets that were certified only under ANSI C63.19-2007, but that the manufacturer also tested and found not to meet hearing aid compatibility requirements under ANSI C63.19-2011 for one or more operations that are not covered under ANSI C63.19-2007, include language informing users by clear and effective means that the handset does not meet the relevant rating or ratings with respect to such operation(s)?

N/A

Explain:

Do all handsets that are capable of use for Voice over LTE, and that were certified for inductive coupling capability under ANSI C63.19-2011 without being tested for inductive coupling capability over VoLTE, include language disclosing that they were not tested with respect to this operation?

N/A

Explain:

Do all handsets that meet the criteria for an M3 rating by allowing the user to reduce the maximum power for GSM operation in the 1900 MHz band include the required disclosure?

Explain:

### Public Website

Does your company maintain a public website describing all hearing aid-compatible models, the ratings of those models, and an explanation of the rating system? Yes

Website address: <http://us.panasonic.com/consumer-mobile-hac> and <http://us.panasonic.com/business-mobile-hac>

Explain:

### Consumer Outreach

Describe consumer outreach efforts in the past 12 months: 1. Participated in CTIA Accessibility Outreach Initiative with AFB, HLAA, NAD, Wireless RERC and other accessibility advocates.

2. Exhibited at the Telecommunications Equipment Distribution Program Association (TEDPA) Conference with TIA to promote the adoption of TIA accessibility standards by TEDPA.

3. Participated in CEA Foundation CE accessibility roundtable meeting to discuss business cases for accessibility.

4. Participated in CTIA Accessibility Outreach Initiative Year End meeting, which included discussions regarding improved accessible 911 emergency location accuracy for wireless mobile products.

5. Presented wireless Hearing Aid Compatibility (HAC) standards and M/T ratings at the Hearing Loss Association of America (HLAA) Convention 2015 in St. Louis.

6. Participate on the Board of Advisors (BoA) for their newly formed Consumer Technology Initiative (CTI).

### Hearing Aid Testing

How many handset models were tested for hearing aid compatibility during the reporting period? 3

### Report Remarks

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You have reported the following handset model summary information.

Total number of handsets offered: 3

Air Interface	Fully Hearing Aid Compatible		Acoustic Coupling Compatible Only		Non-Compliant Handsets		Total by Air Interface
	Number	Percent	Number	Percent	Number	Percent	
GSM	3	100%					3
CDMA	2	100%					2
WCDMA	3	100%					3
LTE	3	100%					3
Wi-Fi	3	100%					3

## Handset 1: Panasonic DMC-CM1

### Handset Maker

Panasonic

### Handset Model Name

DMC-CM1

### FCC ID

UCE314062A

### Air Interfaces/Frequency Bands

700 MHz LTE  
850 MHz GSM  
850 MHz WCDMA  
850 MHz LTE  
900 MHz GSM  
900 MHz WCDMA  
1700 MHz WCDMA  
1700 MHz LTE  
1800 MHz GSM  
1900 MHz GSM  
1900 MHz WCDMA  
1900 MHz LTE  
2100 MHz WCDMA  
2.4 GHz Wi-Fi  
5.0 GHz Wi-Fi  
2600 MHz LTE

### Dates

This handset model was offered from: 06/15 to 06/15

### Ratings

M-Rating: M4

M-Rating Certification Date: 03/20/15

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for

emergency calls to 911? N

Version of the ANSI C63.19 standard used during the certification process: 2011

T-Rating: T3

T-Rating Certification Date: 03/20/15

Version of the ANSI C63.19 standard used during the certification process: 2011

### Remarks

1. Digital Camera is the primary function of DMC-CM1
2. DMC-CM1: Additional Voluntary testing for OTT-VOIP (Wi-Fi) HAC testing was performed per ANSI C63.19-2011

## Handset 2: Panasonic FZ-E1BBxxxxx (x:any)

### Handset Maker

Panasonic

### Handset Model Name

FZ-E1BBxxxxx (x:any)

### FCC ID

ACJFZE1A

### Air Interfaces/Frequency Bands

700 MHz LTE  
850 MHz GSM  
850 MHz CDMA  
850 MHz WCDMA  
900 MHz GSM  
900 MHz WCDMA  
1700 MHz LTE  
1800 MHz GSM  
1900 MHz GSM  
1900 MHz CDMA  
1900 MHz WCDMA  
2100 MHz WCDMA  
2.4 GHz Wi-Fi  
5.0 GHz Wi-Fi

### Dates

This handset model was offered from: 12/14 to 06/15

### Ratings

M-Rating: M3

M-Rating Certification Date: 10/27/14

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for

emergency calls to 911? N

Version of the ANSI C63.19 standard used during the certification process: 2011

T-Rating: T4

T-Rating Certification Date: 10/27/14

Version of the ANSI C63.19 standard used during the certification process: 2011

### Remarks

1. FZ-E1 Series is a Business Rugged 5-inch tablet
2. FZ-E1 Series: Additional Voluntary testing for OTT-VOIP (Wi-Fi) HAC testing was performed per ANSI C63.19-2011

### Handset 3: Panasonic FZ-X1ABxxxxx (x:any)

#### Handset Maker

Panasonic

#### Handset Model Name

FZ-X1ABxxxxx (x:any)

#### FCC ID

ACJEB3910A

#### Air Interfaces/Frequency Bands

700 MHz LTE  
850 MHz GSM  
850 MHz CDMA  
850 MHz WCDMA  
900 MHz GSM  
900 MHz WCDMA  
1700 MHz LTE  
1800 MHz GSM  
1900 MHz GSM  
1900 MHz CDMA  
1900 MHz WCDMA  
2100 MHz WCDMA  
2.4 GHz Wi-Fi  
5.0 GHz Wi-Fi

#### Dates

This handset model was offered from: 04/15 to 06/15

#### Ratings

M-Rating: M3

M-Rating Certification Date: 03/06/15

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for

emergency calls to 911? N

Version of the ANSI C63.19 standard used during the certification process: 2011

T-Rating: T3

T-Rating Certification Date: 03/06/15

Version of the ANSI C63.19 standard used during the certification process: 2011

### Remarks

1. FZ-X1 Series is a Business Rugged 5-inch tablet
2. FZ-X1 Series: Additional Voluntary testing for OTT-VOIP (Wi-Fi & Cellular data modes) HAC testing was performed per ANSI C63.19-2011

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### Certification

#### This Report has been certified by:

Ben Botros Manager - Regulatory & Compliance  
07/15/2015 08:51 PM