



Federal Communications Commission

Approved by OMB
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See instructions for
public burden estimate.

Hearing Aid Compatibility Status Report (FCC Form 655)

Reporting Period: January 1, 2015 - December 31, 2015

Filing Confirmation Number: 0007097588

Filing Deadline: January 15, 2016

FRN: 0003742384

Filing Date: 01/15/2016 09:32 AM

General Report Information

Type of Company

Service Provider

De Minimis Exception

Did you offer any handsets to subscribers in the United States during the reporting period? Yes

Have you been offering handsets in the United States for at least three years prior to the end of the reporting period? Yes

Date that you began offering handsets in the United States

Are you a small entity? Yes

Were you a small entity at any time during the three years prior to the end of the reporting period?

Date that you ceased to be a small entity?

Company Information

Company Name: Red River Rural Telephone Association

Brand Names: Apple
Samsung
LG
HTC
Casio

PO Box: 136

Street Address: 510 Broadway

City: Abercrombie

State: ND

Zip Code: 58001

Contact Name: Donna Thiel

Contact Phone: (701) 553-8309

Contact Fax: (701) 553-8396

Contact Email: donnathiel@rrt.net

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?

Yes

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? Service provider websites must include the levels of functionality that the service provider has defined, the level that each hearing aid-compatible model falls under, and an explanation of how the functionality of the handsets varies at the different levels.

Yes

Website address: www.redrivercomm.com

Explain:

Consumer Outreach

Describe consumer outreach efforts in the past 12 months: Hearing aid-capable handsets is mentioned in advertisements newsletters, brochures and on the website. Also signage in office.

Methodology for Functionality Levels

All digital handsets have a rating for their ability to reduce interference with hearing aids operating in acoustic mode from M1 to M4, with M4 being the best. Handsets are also rated from T1 to T4 for their ability to operate with hearing aids that contain a telecoil (a tightly wrapped piece of wire that converts sounds into electromagnetic signals) and operate in inductive coupling mode. The FCC considers mobile handsets to be hearing aid compatible if they are rated at least M3 for acoustic coupling and at least T3 for inductive coupling. A specific number or percentage of the handsets sold by handset manufacturers and mobile wireless service providers must meet these ratings.

The FCC considers phones hearing aid-compatible for acoustic coupling if they are rated at least M3 and for inductive coupling if they are rated at least T3. Handset manufacturers and service providers are required to meet these thresholds for specified numbers or percentages of the handset models that they offer.

Handsets that receive a hearing aid compatibility rating of M3 or M4 have met or surpassed the ANSI (American National Standard Institute) hearing aid compatibility standard as adopted by the Federal Communications Commission.

An M3 rating indicates the handset has satisfied the ANSI standard.

An M4 rating indicates the handset has exceeded the ANSI standard.

The higher the M rating the handset has, the lower the Radio Frequency emissions level and higher signal quality the handset will have. If there is no M rating then the handset does not meet the ANSI standard. The handset's M rating along with a hearing aid's M rating will assist customers in finding a handset that will work best for them. The hearing aid must be in microphone mode in order to replicate the mode that was used with the handset when the rating was achieved.

Handsets that receive a telecoil rating of a T3 or T4 have met or surpassed the required standard as adopted by the Federal Communications Commission.

The T3 rating indicates the handset has satisfied the ANSI standard.

The T4 rating indicates the handset has exceeded the ANSI standard.

All digital handsets have a rating for their ability to reduce interference with hearing aids operating in acoustic mode from M1 to M4, with M4 being the best. Handsets are also rated from T1 to T4 for their ability to operate with hearing aids that contain a telecoil and operate in inductive coupling mode. The FCC considers mobile handsets to be hearing aid compatible if they are rated at least M3 for acoustic coupling and at least T3 for inductive coupling. The higher the M rating the handset has, the lower the Radio Frequency emissions level and higher signal quality the handset will have. The handset's M rating along with a hearing aid's M rating will assist customers in finding a handset that will work best for them. HAC handsets and devices are offered in all major price categories, including low cost (C level is under \$100), moderate cost (B level is \$100 to \$250) and high end/feature rich (A level is greater than \$250). Costs generally correlate with the number of features, but if through experience, Red River finds that certain handset contains features that work well with hearing aids, such as volume control, the handset will be labeled accordingly with an A level for functionality. Red River's sales staff can assist existing and prospective customers looking for an HAC handset. HAC handsets vary in their inherent levels of functionality, but typically at least one HAC handset with features and services typical of its price category can be found that meets each customer's price range.

Report Remarks

You have reported the following handset model summary information.

Total number of handsets offered: 17

Air Interface	Fully Hearing Aid Compatible Number Percent	Acoustic Coupling Compatible Only Number Percent	Non-Compliant Handsets Number Percent	Total by Air Interface
CDMA	17 100%			17

Handset 1: Apple 4s

Handset Maker

Apple

Handset Model Name FCC ID

4s

BCG-E2430A

Air Interfaces/Frequency Bands

850 MHz CDMA

Dates

This handset model was offered from: 10/13 to 02/15

Ratings

M-Rating: M4

T-Rating: T4

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?

Functionality Level

DATA SMART PHONE

Remarks

Handset 2: Apple 5s

Handset Maker

Apple

Handset Model Name

FCC ID

5s

BCG-E2430A

Air Interfaces/Frequency Bands

- 800 MHz CDMA
- 850 MHz CDMA
- 1700 MHz CDMA
- 1900 MHz CDMA

Dates

This handset model was offered from: 02/15 to 11/15

Ratings

M-Rating: M4

T-Rating: T4

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?

Functionality Level

DATA SMARTPHONE

Remarks

Handset 3: Apple iPhone 6

Handset Maker

Apple

Handset Model Name

Apple iPhone 6

FCC ID

BCG-E2816A

Air Interfaces/Frequency Bands

850 MHz CDMA
1700 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 08/15 to 12/15

Ratings

M-Rating: M3

T-Rating: T4

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?

Functionality Level

DATA SMART PHONE

Remarks

Handset 4: Apple iPhone 6 Plus

Handset Maker

Apple

Handset Model Name

Apple iPhone 6 Plus

FCC ID

BCG-E2817A

Air Interfaces/Frequency Bands

850 MHz CDMA
1700 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 08/15 to 12/15

Ratings

M-Rating: M3

T-Rating: T4

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?

Functionality Level

DATA SMART PHONE

Remarks

Handset 5: Apple iPhone 4 16GB**Handset Maker**

Apple

Handset Model Name

iPhone 4 16GB

FCC ID

BCG-E2422A

Air Interfaces/Frequency Bands

850 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 10/12 to 02/15

Ratings

M-Rating: M4

T-Rating: T4

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?

Functionality Level

DATA SMART PHONE

Remarks

Handset 6: HTC Windows 8x

Handset Maker

HTC

Handset Model Name

Windows 8x

FCC ID

NM8PM23100

Air Interfaces/Frequency Bands

850 MHz CDMA

1900 MHz CDMA

Dates

This handset model was offered from: 08/15 to 12/15

Ratings

M-Rating: M4

T-Rating: T4

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?

Functionality Level

DATA SMART PHONE

Remarks

Handset 7: Huawei M881

Handset Maker

Huawei

Handset Model Name

M881

FCC ID

QISM881

Air Interfaces/Frequency Bands

850 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 03/14 to 01/15

Ratings

M-Rating: M4
T-Rating: T4

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?

Functionality Level

DATA SMART PHONE

Remarks**Handset 8: LG Exalt/VN360****Handset Maker**

LG

Handset Model Name**FCC ID**

Exalt/VN360

ZNFVN360

Air Interfaces/Frequency Bands

850 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 05/15 to 11/15

Ratings

M-Rating: M4

T-Rating: T3

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?

Functionality Level

DATA SMART PHONE

Remarks

Handset 9: LG Extravert 2/LG VN280

Handset Maker

LG

Handset Model Name

Extravert 2/LG VN280

FCC ID

ZNFVN280

Air Interfaces/Frequency Bands

850 MHz CDMA

1900 MHz CDMA

Dates

This handset model was offered from: 12/14 to 04/15

Ratings

M-Rating: M4

T-Rating: T4

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?

Functionality Level

KEYBOARD, TOUCH SCREEN, BASIC FUNCTION PHONE

Remarks

Handset 10: LG G3 Vigor

Handset Maker

LG

Handset Model Name

G3 Vigor

FCC ID

ZNFLS885

Air Interfaces/Frequency Bands

800 MHz CDMA
850 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 09/15 to 12/15

Ratings

M-Rating: M4

T-Rating: T4

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?

Functionality Level

DATA SMART PHONE

Remarks

Handset 11: LG Lucid 2/VS870**Handset Maker**

LG

Handset Model Name**FCC ID**

Lucid 2/VS870

ZNFVS870

Air Interfaces/Frequency Bands

850 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 05/15 to 12/15

Ratings

M-Rating: M4

T-Rating: T3

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?

Functionality Level

DATA SMARTPHONE

Remarks

Handset 12: LG Revere 2

Handset Maker

LG

Handset Model Name

Revere 2

FCC ID

BEJVN150

Air Interfaces/Frequency Bands

800 MHz CDMA

850 MHz CDMA

1900 MHz CDMA

Dates

This handset model was offered from: 01/12 to 08/15

Ratings

M-Rating: M4

T-Rating: T4

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?

Functionality Level

BASIC FUNCTION FLIP PHONE

Remarks

Handset 13: Motorola Moto G

Handset Maker

Motorola

Handset Model Name

Moto G

FCC ID

IHDT56PF3

Air Interfaces/Frequency Bands

800 MHz CDMA
850 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 01/15 to 05/15

Ratings

M-Rating: M3

T-Rating: T4

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?

Functionality Level

DATA SMART PHONE

Remarks

Handset 14: Samsung Brightside**Handset Maker**

Samsung

Handset Model Name

Brightside

FCC ID

A3LSCHU380

Air Interfaces/Frequency Bands

850 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 08/13 to 01/15

Ratings

M-Rating: M4

T-Rating: T3

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?

Functionality Level

BASIC PHONE, TOUCH SCREEN

Remarks

Handset 15: Samsung CONVOY 2

Handset Maker

Samsung

Handset Model Name

CONVOY 2

FCC ID

A3LSCHU660

Air Interfaces/Frequency Bands

850 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 10/14 to 05/15

Ratings

M-Rating: M4

T-Rating: T4

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?

Functionality Level

BASIC FUNCTION FLIP PHONE

Remarks

Handset 16: Samsung Galaxy 5

Handset Maker

Samsung

Handset Model Name

Galaxy 5

FCC ID

A3LSMG900V

Air Interfaces/Frequency Bands

850 MHz CDMA
900 MHz CDMA
1800 MHz CDMA
1900 MHz CDMA

Dates

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

Ratings

M-Rating: M3

T-Rating: T3

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?

Functionality Level

DATA SMART PHONE

Remarks

Handset 17: Samsung Gusto 2

Handset Maker

Samsung

Handset Model Name

Gusto 2

FCC ID

A3LSCHU365

Air Interfaces/Frequency Bands

850 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 05/15 to 12/15

Ratings

M-Rating: M4

T-Rating: T4

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?

Functionality Level

BASIC FUNCTION FLIP PHONE

Remarks

Certification

This Report has been certified by:

Jeffrey J Olson General Manager/CEO
01/15/2016 09:32 AM