



Federal Communications Commission

Hearing Aid Compatibility Status Report (FCC Form 655)

Reporting Period: January 1, 2013 - December 31, 2013

Filing Confirmation Number: 0006099334

Filing Deadline: January 15, 2014

FRN: 0001886464

Filing Date: 01/14/2014 01:12 PM

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: Sandhill Communications

Brand Names: AT&T Reseller
Sandhill Wireless

PO Box: 519

Street Address: 122 S Main St

City: Jefferson

State: SC

Zip Code: 29718

Contact Name: Jeanne Oliver

Contact Phone: (843) 658-6845

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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 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 operations?

Yes

Explain:

Do all hearing aid-compatible handsets 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)?

Yes

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://shtc.net/Sandhill_Wireless_HAC.php

Explain:

Consumer Outreach

Describe consumer outreach efforts in the past 12 months: Fully label all marketing/store displays with HAC ratings for each handset. Maintain company website with same information.

Methodology for Functionality Levels

The levels are GOOD which depicts devices with basic technology on entry level data speeds, or BETTER which depicts devices with advanced technology and or with advanced functionality and BEST which depicts devices with new technology and or with new functionality that operate on faster data speeds.

Report Remarks

N/A

You have reported the following handset model summary information.

Total number of handsets offered: 31

Air Interface	Fully Hearing Aid Compatible		Acoustic Coupling Compatible Only		Non-Compliant Handsets		Excluded Handsets Number	Total by Air Interface
	Number	Percent	Number	Percent	Number	Percent		
GSM	14	61%	6	26%	3	13%		23

You have reported the following handset model summary information.

Total number of handsets offered: 31

Air Interface	Fully Hearing Aid Compatible		Acoustic Coupling Compatible Only		Non-Compliant Handsets		Excluded Handsets Number	Total by Air Interface
	Number	Percent	Number	Percent	Number	Percent		
CDMA	8	89%			1	11%		9

Handset 1: Alcatel 510A

Handset Maker

Alcatel

Handset Model Name

510A

FCC ID

RAD253

Air Interfaces/Frequency Bands

850 MHz GSM
900 MHz GSM
1800 MHz GSM
1900 MHz GSM

Dates

This handset model was offered from: 01/13 to 12/13

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? N

Functionality Level

GOOD

Remarks

Handset 2: Apple iPhone 4S

Handset Maker

Apple

Handset Model Name

iPhone 4S

FCC ID

BCG-E2430A

Air Interfaces/Frequency Bands

800 MHz CDMA
850 MHz GSM

1900 MHz GSM
1900 MHz CDMA
2.4 GHz Wi-Fi

Dates

This handset model was offered from: 06/13 to 12/13

Ratings

M-Rating:

T-Rating:

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

N/A

Remarks

Handset 3: Apple iPhone 5

Handset Maker

Apple

Handset Model Name

iPhone 5

FCC ID

BCG-E2599A

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
900 MHz GSM
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
2.4 GHz Wi-Fi
5000 MHz Wi-Fi

Dates

This handset model was offered from: 01/13 to 12/13

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? N

Functionality Level

BEST

Remarks

Device also supports 5.0 GHz Wi-Fi reported as 5000 MHz Wi-Fi

Handset 4: Apple iPhone 5s

Handset Maker

Apple

Handset Model Name

iPhone 5s

FCC ID

BCG-E2642A

Air Interfaces/Frequency Bands

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

Dates

This handset model was offered from: 10/13 to 12/13

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? N

Functionality Level

BEST

Remarks

Handset 5: Huawei AT&T FUSION 2

Handset Maker

Huawei

Handset Model Name

AT&T FUSION 2

FCC ID

QISU8665

Air Interfaces/Frequency Bands

850 MHz GSM
900 MHz GSM
1800 MHz GSM
1900 MHz GSM
2.4 GHz Wi-Fi

Dates

This handset model was offered from: 01/13 to 12/13

Ratings

M-Rating:

T-Rating:

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

N/A

Remarks

Handset 6: Huawei AT&T U2800A

Handset Maker

Huawei

Handset Model Name

AT&T U2800A

FCC ID

QISU2800A

Air Interfaces/Frequency Bands

850 MHz GSM

900 MHz GSM

1800 MHz GSM

1900 MHz GSM

Dates

This handset model was offered from: 01/13 to 02/13

Ratings

M-Rating:

T-Rating:

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

N/A

Remarks

Handset 7: LG 5600 Accolade

Handset Maker

LG

Handset Model Name

5600 Accolade

FCC ID

BEJ VX5600

Air Interfaces/Frequency Bands

800 MHz CDMA

1900 MHz CDMA

Dates

This handset model was offered from: 01/13 to 12/13

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

BEST

Remarks

Handset 8: LG A340

Handset Maker

LG

Handset Model Name

A340

FCC ID

ZNFA340

Air Interfaces/Frequency Bands

850 MHz GSM

1900 MHz GSM

Dates

This handset model was offered from: 01/13 to 12/13

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? N

Functionality Level

GOOD

Remarks

Handset 9: LG Cosmos 2

Handset Maker

LG

Handset Model Name

Cosmos 2

FCC ID

BEJVN251

Air Interfaces/Frequency Bands

800 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 03/13 to 11/13

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

BEST

Remarks

Handset 10: LG Extravert**Handset Maker**

LG

Handset Model Name**FCC ID**

Extravert

ZNFVN271

Air Interfaces/Frequency Bands

850 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 03/13 to 12/13

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

BEST

Remarks

Handset 11: LG XPRESSION

Handset Maker

LG

Handset Model Name

XPRESSION

FCC ID

ZNFC395

Air Interfaces/Frequency Bands

850 MHz GSM
1900 MHz GSM

Dates

This handset model was offered from: 01/13 to 12/13

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? N

Functionality Level

GOOD

Remarks

Handset 12: Motorola ATRIX HD

Handset Maker

Motorola

Handset Model Name

ATRIX HD

FCC ID

IHDP56MB4

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
900 MHz GSM
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
2.4 GHz Wi-Fi
5000 MHz Wi-Fi

Dates

This handset model was offered from: 01/13 to 12/13

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? N

Functionality Level

BEST

Remarks

Device also supports 5.0 GHz Wi-Fi reported as 5000 MHz Wi-Fi

Handset 13: Motorola Droid 2

Handset Maker

Motorola

Handset Model Name

Droid 2

FCC ID

IHDP56KC1

Air Interfaces/Frequency Bands

850 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 12/13 to 12/13

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

BEST

Remarks

Handset 14: Motorola Droid 2 Global

Handset Maker

Motorola

Handset Model Name

Droid 2 Global

FCC ID

IHDP56LV1

Air Interfaces/Frequency Bands

850 MHz GSM

1900 MHz GSM

Dates

This handset model was offered from: 03/13 to 12/13

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? N

Functionality Level

BEST

Remarks

Handset 15: Motorola Droid X2

Handset Maker

Motorola

Handset Model Name

Droid X2

FCC ID

IHDT56MJ1

Air Interfaces/Frequency Bands

850 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 03/13 to 12/13

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

BEST

Remarks**Handset 16: Pantech Breeze III****Handset Maker**

Pantech

Handset Model Name**FCC ID**

Breeze III

JYCP2030

Air Interfaces/Frequency Bands

850 MHz GSM
900 MHz GSM
1800 MHz GSM
1900 MHz GSM

Dates

This handset model was offered from: 01/13 to 12/13

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? N

Functionality Level

BEST

Remarks

Handset 17: Research In Motion Q10

Handset Maker

Research In Motion

Handset Model Name

FCC ID

Q10

L6ARFL110LW

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz LTE
1800 MHz LTE
1900 MHz GSM
1900 MHz LTE

Dates

This handset model was offered from: 08/13 to 12/13

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? N

Functionality Level

BEST

Remarks

Handset 18: Samsung Captivate Glide

Handset Maker

Samsung

Handset Model Name

Captivate Glide

FCC ID

A3LSGHI927

Air Interfaces/Frequency Bands

850 MHz GSM

1900 MHz GSM

Dates

This handset model was offered from: 01/13 to 09/13

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? N

Functionality Level

GOOD

Remarks

Handset 19: Samsung CONVOY 2

Handset Maker

Samsung

Handset Model Name

CONVOY 2

FCC ID

A3LSCHU660

Air Interfaces/Frequency Bands

800 MHz CDMA

1900 MHz CDMA

Dates

This handset model was offered from: 01/13 to 12/13

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

BEST

Remarks

Handset 20: Samsung Convoy3

Handset Maker

Samsung

Handset Model Name

FCC ID

Convoy3

A3LSCHU680

Air Interfaces/Frequency Bands

850 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 10/13 to 12/13

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

BEST

Remarks

Handset 21: Samsung Galaxy Appeal

Handset Maker

Samsung

Handset Model Name

FCC ID

Galaxy Appeal

A3LSGHI827

Air Interfaces/Frequency Bands

850 MHz GSM
1900 MHz GSM
2.4 GHz Wi-Fi
5000 MHz Wi-Fi

Dates

This handset model was offered from: 01/13 to 12/13

Ratings

M-Rating: M3

T-Rating:

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

Functionality Level

BETTER

Remarks

Device also supports 5.0 GHz Wi-Fi reported as 5000 MHz Wi-Fi

Handset 22: Samsung Galaxy Express

Handset Maker

Samsung

Handset Model Name

Galaxy Express

FCC ID

A3LSGHI437

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz LTE
2.4 GHz Wi-Fi

Dates

This handset model was offered from: 10/13 to 12/13

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? N

Functionality Level

GOOD

Remarks

Handset 23: Samsung Galaxy Note

Handset Maker

Samsung

Handset Model Name

Galaxy Note

FCC ID

A3LSGHI717

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
900 MHz GSM
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
2.4 GHz Wi-Fi
5000 MHz Wi-Fi

Dates

This handset model was offered from: 01/13 to 12/13

Ratings

M-Rating: M3

T-Rating:

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

Functionality Level

GOOD

Remarks

Device also supports 5.0 GHz Wi-Fi reported as 5000 MHz Wi-Fi

Handset 24: Samsung Galaxy Note 2

Handset Maker

Samsung

Handset Model Name

Galaxy Note 2

FCC ID

A3LSGHT889

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
900 MHz GSM
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
2.4 GHz Wi-Fi
5000 MHz Wi-Fi

Dates

This handset model was offered from: 01/13 to 12/13

Ratings

M-Rating: M3

T-Rating:

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

Functionality Level

GOOD

Remarks

Device also supports 5.0 GHz Wi-Fi reported as 5000 MHz Wi-Fi

Handset 25: Samsung Galaxy S 3

Handset Maker

Samsung

Handset Model Name

Galaxy S 3

FCC ID

A3LSGHI747

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
900 MHz GSM
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
2.4 GHz Wi-Fi
5000 MHz Wi-Fi

Dates

This handset model was offered from: 01/13 to 12/13

Ratings

M-Rating: M3

T-Rating:

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

Functionality Level

GOOD

Remarks

Device also supports 5.0 GHz Wi-Fi reported as 5000 MHz Wi-Fi

Handset 26: Samsung Galaxy S4**Handset Maker**

Samsung

Handset Model Name**FCC ID**

Galaxy S4

A3LSGHI337

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
900 MHz GSM
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
2.4 GHz Wi-Fi
5000 MHz Wi-Fi

Dates

This handset model was offered from: 07/13 to 12/13

Ratings

M-Rating: M3

T-Rating:

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

Functionality Level

GOOD

Remarks

Device also supports 5.0 GHz Wi-Fi reported as 5000 MHz Wi-Fi

Handset 27: Samsung Gusto 2

Handset Maker

Samsung

Handset Model Name

Gusto 2

FCC ID

A3LSCHU365

Air Interfaces/Frequency Bands

800 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 07/13 to 12/13

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

BEST

Remarks

Handset 28: Samsung Rugby II

Handset Maker

Samsung

Handset Model Name

Rugby II

FCC ID

A3LSGHA847

Air Interfaces/Frequency Bands

850 MHz GSM
1900 MHz GSM

Dates

This handset model was offered from: 01/13 to 06/13

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? N

Functionality Level

BEST

Remarks

Handset 29: Samsung Rugby III**Handset Maker**

Samsung

Handset Model Name**FCC ID**

Rugby III

A3LSGHA997

Air Interfaces/Frequency Bands

850 MHz GSM
1900 MHz GSM

Dates

This handset model was offered from: 02/13 to 12/13

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? N

Functionality Level

GOOD

Remarks

Handset 30: Samsung Rugby Pro I547

Handset Maker

Samsung

Handset Model Name

Rugby Pro I547

FCC ID

A3LSGHI547

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
2.4 GHz Wi-Fi
5000 MHz Wi-Fi

Dates

This handset model was offered from: 01/13 to 12/13

Ratings

M-Rating: M3

T-Rating:

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

Functionality Level

GOOD

Remarks

Device also supports 5.0 GHz Wi-Fi reported as 5000 MHz Wi-Fi

Handset 31: ZTE Z992

Handset Maker

ZTE

Handset Model Name

Z992

FCC ID

Q78-Z992

Air Interfaces/Frequency Bands

850 MHz GSM

1900 MHz GSM

Dates

This handset model was offered from: 10/13 to 12/13

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? N

Functionality Level

BETTER

Remarks

Certification

This Report has been certified by:

Lee Chambers CEO/Manager

01/14/2014 01:12 PM