



Federal Communications Commission

Hearing Aid Compatibility Status Report (FCC Form 655)

Reporting Period: January 1, 2010 - December 31, 2010

Filing Confirmation Number: 0004563880

Filing Deadline: January 18, 2011

FRN: 0019600535

Filing Date: 01/07/2011 10:26 AM

General Report Information

Type of Company

Service Provider

De Minimis Exception

Did you offer more than two handsets over any air interface to service providers (if you are a device manufacturer) or to subscribers (if you are a service provider) during this reporting period? Yes

Did you offer any handsets to service providers (if you are a device manufacturer) or to subscribers (if you are a service provider) during this reporting period?

Company Information

Company Name: Keystone Wireless, LLC d.b.a. Immix Wireless

Brand Names: IMMIX Wireless

PO Box:

Street Address: 53 Warwick Street

City: Boyertown

State: PA

Zip Code: 19512

Contact Name: Paul Snyder

Contact Phone: (484) 333-3131

Contact Fax:

Contact Email: psnyder@pcmgt.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 are capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards have clear and effective disclosure that the handset has not been rated for hearing aid compatibility with respect to such operations? Yes

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://www.immix.com/hac/index.html>

Explain:

Consumer Outreach

Describe consumer outreach efforts in the past 12 months: We have HAC information on our website in which it thoroughly explains our methodology for the functionality levels with the HAC handsets that we offer. We also have a additional link that explain more in-depth of HAC and other references to go to. We also have printed out HAC documentation at each of our stores in case a consumer would like addition HAC info. We have our phone boxes and displays labeled with any HAC related info that the consumer would need if looking for it.

Methodology for Functionality Levels

Immix Wireless has designed their own feature methodology to help the consumers make the best possible decision when looking for a HAC rated handset. We have come up with 3 different categories based on "Good", "Better" and "Best Qualities". These were determined based on the handsets "Cost", "Features" and "Internal Technical Testing Results".

Report Remarks

Due to our small size as a Tier III service provider, we mainly go after the handsets that are available from our 3rd party vendors to save on cost. They usually have a limited supply of leftover surplus of phones from the other Tier I and Tier II service providers. Therefore we do not always get what we want which would include handset models that are at least M3/T3 or higher.

You have reported the following handset model summary information.

Total number of handsets offered: 32

Air Interface	Fully Hearing Aid Compatible		Acoustic Coupling Compatible Only		Non-Compliant Handsets		Total by Air Interface
	Number	Percent	Number	Percent	Number	Percent	
GSM	11	34%	5	16%	16	50%	32

Handset 1: Acer Liquid E 'A1'

Handset Maker

Acer

Handset Model Name

Liquid E 'A1'

FCC ID

HLZSHS100

Air Interfaces/Frequency Bands

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

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? Yes

Dates

This handset model was offered from: 11/10 to 12/10

Ratings

M-Rating: M3

T-Rating: T3

Functionality Level

Best Quality

Remarks

Supports Wi-Fi

Handset 2: Alcatel Tribe OT-800A**Handset Maker**

Alcatel

Handset Model Name

Tribe OT-800A

FCC ID

RAD106

Air Interfaces/Frequency Bands

850 MHz GSM

1900 MHz GSM

1850 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 01/10 to 12/10

Ratings

M-Rating: M3

T-Rating:

Functionality Level

Better Quality

Remarks

Handset 3: Alcatel OT-808A**Handset Maker**

Alcatel

Handset Model Name

OT-808A

FCC ID

RAD119

Air Interfaces/Frequency Bands

850 MHz GSM

1900 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 06/10 to 12/10

Ratings

M-Rating: M3

T-Rating:

Functionality Level

Better Quality

Remarks

Handset 4: Alcatel OT-880A**Handset Maker**

Alcatel

Handset Model Name**FCC ID**

OT-880A

RAD126

Air Interfaces/Frequency Bands

850 MHz GSM

1900 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 04/10 to 12/10

Ratings

M-Rating: M3

T-Rating:

Functionality Level

Better Quality

Remarks

Handset 5: Alcatel Tribe Pro OT-802**Handset Maker**

Alcatel

Handset Model Name**FCC ID**

Tribe Pro OT-802

RAD133

Air Interfaces/Frequency Bands

850 MHz GSM

1900 MHz GSM

1850 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 07/10 to 12/10

Ratings

M-Rating: M3

T-Rating: T3

Functionality Level

Better Quality

Remarks

Handset 6: Alcatel 1 Touch Mini OT-708**Handset Maker**

Alcatel

Handset Model Name**FCC ID**

1 Touch Mini OT-708

RAD114

Air Interfaces/Frequency Bands

850 MHz GSM

1900 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 01/10 to 05/10

Ratings

M-Rating:

T-Rating:

Functionality Level

n/a

Remarks

Handset 7: Blackberry 8310 Curve**Handset Maker**

Blackberry

Handset Model Name**FCC ID**

8310 Curve

L6ARBN40GW

Air Interfaces/Frequency Bands

850 MHz GSM

900 MHz GSM

1800 MHz GSM

1900 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 01/10 to 08/10

Ratings

M-Rating: M3

T-Rating: T3

Functionality Level

Best Quality

Remarks**Handset 8: Blackberry 8520 CURVE****Handset Maker**

Blackberry

Handset Model Name

8520 CURVE

FCC ID

L6ARCG40GW

Air Interfaces/Frequency Bands

850 MHz GSM

900 MHz GSM

1800 MHz GSM

1900 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? Yes

Dates

This handset model was offered from: 08/10 to 12/10

Ratings

M-Rating:

T-Rating:

Functionality Level

n/a

Remarks**Handset 9: Motorola EM330****Handset Maker**

Motorola

Handset Model Name

EM330

FCC ID

IHDP56JJ1

Air Interfaces/Frequency Bands

850 MHz GSM

1900 MHz GSM
1850 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 01/10 to 05/10

Ratings

M-Rating: M3

T-Rating: T3

Functionality Level

Better Quality

Remarks

Handset 10: Motorola Karma QA1

Handset Maker

Motorola

Handset Model Name

Karma QA1

FCC ID

IHDT56KE1

Air Interfaces/Frequency Bands

850 MHz GSM

900 MHz GSM

1800 MHz GSM

1900 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

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

Ratings

M-Rating: M3

T-Rating: T3

Functionality Level

Good Quality

Remarks

Handset 11: Motorola Milestone

Handset Maker

Motorola

Handset Model Name

Milestone

FCC ID

IHDP56KC2

Air Interfaces/Frequency Bands

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

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? Yes

Dates

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

Ratings

M-Rating: M3
T-Rating: T3

Functionality Level

Best Quality

Remarks

Handset 12: Motorola XT720

Handset Maker

Motorola

Handset Model Name

XT720

FCC ID

IHDP56KC6

Air Interfaces/Frequency Bands

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

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? Yes

Dates

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

Ratings

M-Rating: M3
T-Rating:

Functionality Level

Best Quality

Remarks

Handset 13: Motorola ROKR Z6

Handset Maker

Motorola

Handset Model Name

ROKR Z6

FCC ID

IHDT56GG1

Air Interfaces/Frequency Bands

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

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 01/10 to 04/10

Ratings

M-Rating:

T-Rating:

Functionality Level

n/a

Remarks

Handset 14: Motorola A45 Murano

Handset Maker

Motorola

Handset Model Name

A45 Murano

FCC ID

IHDP56KH1

Air Interfaces/Frequency Bands

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

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 02/10 to 06/10

Ratings

M-Rating: M3

T-Rating:

Functionality Level

Good Quality

Remarks

Handset 15: Nokia 2760H**Handset Maker**

Nokia

Handset Model Name

2760H

FCC ID

QTLRM-391

Air Interfaces/Frequency Bands

850 MHz GSM

1900 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 01/10 to 06/10

Ratings

M-Rating: M3

T-Rating: T3

Functionality Level

Good Quality

Remarks

Handset 16: Nokia 2720a-2b**Handset Maker**

Nokia

Handset Model Name

2720a-2b

FCC ID

QTLRM-520

Air Interfaces/Frequency Bands

850 MHz GSM

1900 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 05/10 to 12/10

Ratings

M-Rating: M3

T-Rating: T3

Functionality Level

Good Quality

Remarks

Handset 17: Nokia 6085**Handset Maker**

Nokia

Handset Model Name

6085

FCC ID

LJPRM-198

Air Interfaces/Frequency Bands

850 MHz GSM

900 MHz GSM

1800 MHz GSM

1900 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 01/10 to 12/10

Ratings

M-Rating: M3

T-Rating: T3

Functionality Level

Better Quality

Remarks

Handset 18: Nokia 7020**Handset Maker**

Nokia

Handset Model Name

7020

FCC ID

QTKRM-497

Air Interfaces/Frequency Bands

850 MHz GSM

900 MHz GSM

1800 MHz GSM
1900 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 08/10 to 12/10

Ratings

M-Rating: M3

T-Rating: T3

Functionality Level

Better Quality

Remarks

Handset 19: Nokia 2610

Handset Maker

Nokia

Handset Model Name

2610

FCC ID

QTLRH-87

Air Interfaces/Frequency Bands

850 MHz GSM

1900 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 01/10 to 12/10

Ratings

M-Rating:

T-Rating:

Functionality Level

Better Quality

Remarks

This phone is rated (M1) for HAC. The rating needs to meet M3 or Higher to be compatible.

Handset 20: Nokia 5530

Handset Maker

Nokia

Handset Model Name

5530

FCC ID

LJPRM-504X

Air Interfaces/Frequency Bands

850 MHz GSM

900 MHz GSM
1800 MHz GSM
1900 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 01/10 to 12/10

Ratings

M-Rating:

T-Rating:

Functionality Level

n/a

Remarks

Handset 21: Nokia 5800

Handset Maker

Nokia

Handset Model Name

5800

FCC ID

LJPRM-428

Air Interfaces/Frequency Bands

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

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 01/10 to 12/10

Ratings

M-Rating:

T-Rating:

Functionality Level

n/a

Remarks

Handset 22: Nokia 6700s-1c Slide

Handset Maker

Nokia

Handset Model Name

6700s-1c Slide

FCC ID

QTKRM-576

Air Interfaces/Frequency Bands

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

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 08/10 to 12/10

Ratings

M-Rating:
T-Rating:

Functionality Level

n/a

Remarks

Handset 23: Nokia 2680**Handset Maker**

Nokia

Handset Model Name

2680

FCC ID

QTLRM-393

Air Interfaces/Frequency Bands

850 MHz GSM
1900 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 01/10 to 07/10

Ratings

M-Rating:
T-Rating:

Functionality Level

n/a

Remarks

Handset 24: Nokia E63-2**Handset Maker**

Nokia

Handset Model Name

E63-2

FCC ID

PYARM-449

Air Interfaces/Frequency Bands

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

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? Yes

Dates

This handset model was offered from: 01/10 to 12/10

Ratings

M-Rating:
T-Rating:

Functionality Level

n/a

Remarks

Handset 25: Nokia E71-2**Handset Maker**

Nokia

Handset Model Name

E71-2

FCC ID

PYARM-346

Air Interfaces/Frequency Bands

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

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? Yes

Dates

This handset model was offered from: 01/10 to 12/10

Ratings

M-Rating:
T-Rating:

Functionality Level

n/a

Remarks

Handset 26: Nokia N97 Mini

Handset Maker

Nokia

Handset Model Name

N97 Mini

FCC ID

QVVRM-553

Air Interfaces/Frequency Bands

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

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? Yes

Dates

This handset model was offered from: 03/10 to 09/10

Ratings

M-Rating:

T-Rating:

Functionality Level

n/a

Remarks

Handset 27: Samsung SGH-I9000T Galaxy S

Handset Maker

Samsung

Handset Model Name

SGH-I9000T Galaxy S

FCC ID

A3LGTI9000

Air Interfaces/Frequency Bands

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

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? Yes

Dates

This handset model was offered from: 09/10 to 12/10

Ratings

M-Rating: M3

T-Rating: T3

Functionality Level

Best Quality

Remarks

Handset 28: Samsung B2100**Handset Maker**

Samsung

Handset Model Name

B2100

FCC ID

A3LSWDB2100

Air Interfaces/Frequency Bands

850 MHz GSM

900 MHz GSM

1800 MHz GSM

1900 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 01/10 to 12/10

Ratings

M-Rating:

T-Rating:

Functionality Level

n/a

Remarks

Handset 29: Samsung GT-B3310**Handset Maker**

Samsung

Handset Model Name

GT-B3310

FCC ID

A3LGTB3310

Air Interfaces/Frequency Bands

850 MHz GSM

900 MHz GSM

1800 MHz GSM
1900 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 01/10 to 05/10

Ratings

M-Rating:

T-Rating:

Functionality Level

n/a

Remarks

Handset 30: Samsung GT-S5230 Star

Handset Maker

Samsung

Handset Model Name

GT-S5230 Star

FCC ID

A3LGTS5230

Air Interfaces/Frequency Bands

850 MHz GSM

900 MHz GSM

1800 MHz GSM

1900 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? Yes

Dates

This handset model was offered from: 03/10 to 12/10

Ratings

M-Rating:

T-Rating:

Functionality Level

n/a

Remarks

Handset 31: Samsung GT-B5310L Corby Pro

Handset Maker

Samsung

Handset Model Name

GT-B5310L Corby Pro

FCC ID

A3LGTB5310L

Air Interfaces/Frequency Bands

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

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 02/10 to 08/10

Ratings

M-Rating:

T-Rating:

Functionality Level

n/a

Remarks

Handset 32: Snapfon EZ One

Handset Maker

Snapfon

Handset Model Name

EZ One

FCC ID

YMREZONE-B

Air Interfaces/Frequency Bands

850 MHz GSM
1900 MHz GSM

Additional Air Interfaces and Frequency Bands

Is this handset capable of voice communication over any air interface or frequency band that does not currently have hearing aid compatibility technical standards? No

Dates

This handset model was offered from: 03/10 to 12/10

Ratings

M-Rating:

T-Rating:

Functionality Level

n/a

Remarks

Certification

This Report has been certified by:

Paul Snyder Network Supervisor
01/07/2011 10:26 AM