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## DECLARATION OF CONFORMITY

### Directive 2014/53/EU

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Delphi  
S verine Taillefer  
CBU Program Manager  
Severine.taillefer@delphi.com  
Phone +33686877040

Date: 08<sup>th</sup> June 2017

Manufacturer or  
Authorized representatives: Delphi France SAS

Address: 22 Avenue des Nations, ZAC Paris Nord II  
93420 Villepinte  
FRANCE

We declare on our sole responsibility, that the following product

**Kind of equipment:** Keyfob for keyless entry system  
HW Version: Version F  
SW Version: SW03  
Max Output Power: -10dBm

**Type–designation:** PSA Keyfob E33

is in compliance with the essential requirements of .

**EN301489-3:V2.1.1** EMC standard for radio equipment and services;  
Part3:SpecificconditionsforShort-RangeDevices(SRD)operating on frequenciesbetween9kHz  
and 246GHz

**EN300220-2:V3.1.1** Short Range Devices (SRD) operating in the frequency range  
25MHz to 1000MHz;Part2: Harmonized Standard covering the essential requirements of article  
3.2 of Directive 2014/53/EU for non-specific radio equipment


**EN62479:2010** Assessment of the compliance of low power electronic and electrical equipment  
with the basic restrictions related to human exposure to electromagnetic fields (10MHz to  
300GHz)

The transmitter **E33** presents no risk for the end user; it has been successfully tested according  
to the Safety Standard:

**EN 60950-1:** Information Technology Equipment-Safety.

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Villepinte, 08<sup>th</sup> June 2017  
Place and date of issue

  
Isabelle Vagne  
(G<sup>al</sup> Counsel & Regional Compliance Officer EMEA)



## EU DECLARATION OF CONFORMITY

No: Laird\_GM\_SmallSharkFin\_612806

We,

**Laird Technologies GmbH**, Daimlerring 31, 31135 Hildesheim, Germany **declare** under our sole responsibility that the product

**Product Name: 13383704**  
**Type: Small SharkFin Antenna**  
**Product Description: Roof Antenna**

to which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, standards and regulations:

**Directives:**

- Directive 2014/53/EU (RED)

**Standards:**

- GIS-93A ver 2.6

**Additional Product Variants:**

22786215

39151087

The conformity assessment procedure referred to in article 17 (4a) and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

**American Certification Body, Inc, Notified Body Number 1588**

**Type Examination Certificate: ATCB021188**

**Place of Issue: Hildesheim, Germany**

**Date of Issue: 09 June 2017**

**Laird Product Authorization:**

Signature:

Name: Tami Johanson

Position: General Manager / VP and Assistant General Counsel



## EU DECLARATION OF CONFORMITY

No: Laird\_GM\_AM-FM\_11203

We,

**Laird Technologies GmbH**, Daimlerring 31, 31135 Hildesheim, Germany **declare** under our sole responsibility that the product

**Product Name: 13322155**

**Type: AM/FM Antenna**

**Product Description: Roof Antenna**

to which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, standards and regulations:

**Directives:**

- Directive 2014/53/EU (RED)

**Standards:**

- GIS-90A ver. 1.2

**Additional Product Variants:**

13322156

13406656

13451910

13368295

39151103

39151105

The conformity assessment procedure referred to in article 17 (4a) and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

**American Certification Body, Inc**, Notified Body Number **1588**

**Type Examination Certificate: ATCB021185**

**Place of Issue: Hildesheim, Germany**

**Date of Issue: 09 June 2017**

**Laird Product Authorization:**

Signature:

Name:

Tami Johanson

Position:

General Manager / VP and Assistant General Counsel



## EU DECLARATION OF CONFORMITY

No: Laird\_GM\_AM-FM\_11285

We,

**Laird Technologies GmbH**, Daimlerring 31, 31135 Hildesheim, Germany **declare** under our sole responsibility that the product

**Product Name: 13383712**

**Type: AM/FM Antenna**

**Product Description: Roof Antenna**

to which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, standards and regulations:

**Directives:**

- Directive 2014/53/EU (RED)

**Standards:**

- GIS-90A ver. 1.4

**Additional Product Variants:**

13484449

39046328

39151102

39151104

39150395

The conformity assessment procedure referred to in article 17 (4a) and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

**American Certification Body, Inc**, Notified Body Number **1588**

**Type Examination Certificate:** ATCB021186

**Place of Issue: Hildesheim, Germany**

**Date of Issue: 09 June 2017**

**Laird Product Authorization:**

Signature:

Name:

Tami Johanson

Position:

General Manager / VP and Assistant General Counsel





## EU DECLARATION OF CONFORMITY

No: Laird\_GM\_GNSS\_Splitter\_91234

We,

**Laird Technologies GmbH**, Daimlerring 31, 31135 Hildesheim, Germany **declare** under our sole responsibility that the product

**Product Name:** 20960972

**Type:** GNSS Splitter

**Product Description:** GNSS Splitter

to which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, standards and regulations:

**Directives:**

- Directive 2014/53/EU (RED)

**Standards:**

- GIS-90A ver. 1.4

**Additional Product Variants:**

39150397

The conformity assessment procedure referred to in article 17 (4a) and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

**American Certification Body, Inc**, Notified Body Number **1588**

**Type Examination Certificate:** ATCB021218

**Place of Issue:** Hildesheim, Germany

**Date of Issue:** 12 June 2017

**Laird Product Authorization:**

Signature:

Name:

Tami Johanson

Position:

General Manager / VP and Assistant General Counsel



## EU DECLARATION OF CONFORMITY

No: Laird\_GM\_Hexband\_812599

We,

**Laird Technologies GmbH**, Daimlerring 31, 31135 Hildesheim, Germany **declare** under our sole responsibility that the product

**Product Name: 13405693**

**Type: Hexband Antenna**

**Product Description: Roof Antenna**

to which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, standards and regulations:

**Directives:**

- Directive 2014/53/EU (RED)

**Standards:**

- GIS-90A ver. 1.4
- GIS-93A ver. 2.6
- GMW15650 Rev A

**Additional Product Variants:**

The conformity assessment procedure referred to in article 17 (4a) and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

**American Certification Body, Inc**, Notified Body Number **1588**

**Type Examination Certificate: ATCB021190**

**Place of Issue: Hildesheim, Germany**

**Date of Issue: 09 June 2017**

**Laird Product Authorization:**

Signature:

Name:

Tami Johanson

Position:

General Manager / VP and Assistant General Counsel



## EU DECLARATION OF CONFORMITY

No: Laird\_GM\_Hexband\_812797

We,

**Laird Technologies GmbH**, Daimlerring 31, 31135 Hildesheim, Germany **declare** under our sole responsibility that the product

**Product Name: 13476637**

**Type: MiMo Hexband Antenna**

**Product Description: Roof Antenna**

to which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, standards and regulations:

**Directives:**

- Directive 2014/53/EU (RED)

**Standards:**

- GIS-90A ver. 1.4
- GIS-93A ver. 2.6
- GMW15650 Rev B

**Additional Product Variants:**

- 13476639
- 39046330
- 39151095
- 39150396

The conformity assessment procedure referred to in article 17 (4a) and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

**American Certification Body, Inc**, Notified Body Number **1588**

**Type Examination Certificate: ATCB021193**

**Place of Issue: Hildesheim, Germany**

**Date of Issue: 09 June 2017**

**Laird Product Authorization:**

Signature:

Name:

Tami Johanson

Position:

General Manager / VP and Assistant General Counsel



## EU DECLARATION OF CONFORMITY

No: Laird\_GM\_Hexband\_812810

We,

**Laird Technologies GmbH**, Daimlerring 31, 31135 Hildesheim, Germany **declare** under our sole responsibility that the product

**Product Name: 13484450**

**Type: MiMo Hexband Antenna**

**Product Description: Roof Antenna**

to which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, standards and regulations:

**Directives:**

- Directive 2014/53/EU (RED)

**Standards:**

- GIS-90A ver. 1.4
- GIS-92A ver. 2.0
- GIS-93A ver. 2.6
- GMW15650 Rev B

**Additional Product Variants:**

- 13450556
- 39151091
- 39151092

The conformity assessment procedure referred to in article 17 (4a) and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

**American Certification Body, Inc**, Notified Body Number **1588**

**Type Examination Certificate: ATCB021194**

**Place of Issue: Hildesheim, Germany**

**Date of Issue: 09 June 2017**

**Laird Product Authorization:**

Signature:

Name:

Tami Johanson

Position:

General Manager / VP and Assistant General Counsel



## EU DECLARATION OF CONFORMITY

No: Laird\_MiMo\_HexBand\_812809

We,

**Laird Technologies GmbH**, Daimlerring 31, 31135 Hildesheim, Germany **declare** under our sole responsibility that the product

**Product Name: 13450555**

**Type: MiMo HexBand**

**Product Description: Roof Antenna**

to which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, standards and regulations:

**Directives:**

- Directive 2014/53/EU (RED)

**Standards:**

- GIS-90A ver 1.4
- GIS-93A ver 2.6
- GM GMW3097 rev. 2012

**Additional Variants:**

39151093

The conformity assessment procedure referred to in article 17 (4a) and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

**American Certification Body**, Notified Body Number **1588**

**Type Examination Certificate: ATCB021195**

**Place of Issue: Hildesheim, Germany**

**Date of Issue: 09 June 2017**

**Laird Product Authorization:**

Signature:

Name:

Tami Johanson

Position:

General Manager / VP and Assistant General Counsel





## EU DECLARATION OF CONFORMITY

No: Laird\_MiMo\_HexBand\_812910

We,

**Laird Technologies GmbH**, Daimlerring 31, 31135 Hildesheim, Germany **declare** under our sole responsibility that the product

**Product Name: 39097519**

**Type: Reverse MiMo HexBand**

**Product Description: Roof Antenna**

to which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, standards and regulations:

**Directives:**

- Directive 2014/53/EU (RED)

**Standards:**

- GIS-90A ver 1.4
- GIS-93A ver 2.6
- GM GMW3097 rev. 2012

**Additional Variant:**

39151096

The conformity assessment procedure referred to in article 17 (4a) and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

**American Certification Body**, Notified Body Number **1588**

**Type Examination Certificate: ATCB021196**

**Place of Issue: Hildesheim, Germany**

**Date of Issue: 09 June 2017**

**Laird Product Authorization:**

Signature:

Name:

Tami Johanson

Position:

General Manager / VP and Assistant General Counsel





## EU DECLARATION OF CONFORMITY

No: Laird\_GM\_MiMoSharkFin\_612924

We,

**Laird Technologies GmbH**, Daimlerring 31, 31135 Hildesheim, Germany **declare** under our sole responsibility that the product

**Product Name: 23186460**  
**Type: MiMo SharkFin Antenna**  
**Product Description: Roof Antenna**

to which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, standards and regulations:

**Directives:**

- Directive 2014/53/EU (RED)

**Standards:**

- GIS-93A ver 2.6

**Additional Product Variants:**

23186360	13491085
39046325	39046326
39151089	39151088
39150394	39151047
39135307	39151106
23456360	23246040
84391235	23246043
84391257	84088468
84391224	23231188
23186445	84261880
23196461	84390589
84113646	84371836

The conformity assessment procedure referred to in article 17 (4a) and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

**American Certification Body, Inc, Notified Body Number 1588**

**Type Examination Certificate: ATCB021189**

**Place of Issue: Hildesheim, Germany**

**Date of Issue: 09 June 2017**

**Laird Product Authorization:**

Signature:

Name:

Tami Johanson

Position:

General Manager / VP and Assistant General Counsel



## EU DECLARATION OF CONFORMITY

No: Laird\_GM\_Hexband\_812741

We,

**Laird Technologies GmbH**, Daimlerring 31, 31135 Hildesheim, Germany **declare** under our sole responsibility that the product

**Product Name: 13383703**

**Type: Mini Hexband Antenna**

**Product Description: Roof Antenna**

to which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, standards and regulations:

**Directives:**

- Directive 2014/53/EU (RED)

**Standards:**

- GIS-90A ver. 1.4
- GIS-93A ver. 2.6
- GMW15650 Rev B

**Additional Product Variants:**

13393763  
39151094  
39151101

The conformity assessment procedure referred to in article 17 (4a) and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

**American Certification Body, Inc**, Notified Body Number **1588**

**Type Examination Certificate:** ATCB021191

**Place of Issue: Hildesheim, Germany**

**Date of Issue: 09 June 2017**

**Laird Product Authorization:**

Signature:

Name:

Tami Johanson

Position:

General Manager / VP and Assistant General Counsel



## EU DECLARATION OF CONFORMITY

No: Laird\_GM\_DAB\_Mini\_Hex\_812749

We,

**Laird Technologies GmbH**, Daimlerring 31, 31135 Hildesheim, Germany **declare** under our sole responsibility that the product

**Product Name: 13453219**

**Type: DAB Mini Hexband Antenna**

**Product Description: Roof Antenna**

to which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, standards and regulations:

**Directives:**

- Directive 2014/53/EU (RED)

**Standards:**

- GIS-90A ver. 1.4
- GIS-93A ver. 2.6
- GIS-92A ver. 2.0
- GMW15650 Rev B

**Additional Product Variants:**

- 39026595 39026596
- 39026597 39139012
- 39139013 39139014
- 39151099 39151090
- 39151097 39151098

The conformity assessment procedure referred to in article 17 (4a) and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

**American Certification Body, Inc**, Notified Body Number **1588**

**Type Examination Certificate: ATCB021216**

**Place of Issue: Hildesheim, Germany**

**Date of Issue: 09 June 2017**

**Laird Product Authorization:**

Signature:

Name:

Tami Johanson

Position:

General Manager / VP and Assistant General Counsel



## EU DECLARATION OF CONFORMITY

No: Laird\_GM\_Hexband\_812770

We,

**Laird Technologies GmbH**, Daimlerring 31, 31135 Hildesheim, Germany **declare** under our sole responsibility that the product

**Product Name: 13460452**

**Type: Mini Hexband Antenna**

**Product Description: Roof Antenna**

to which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, standards and regulations:

**Directives:**

- Directive 2014/53/EU (RED)

**Standards:**

- GIS-90A ver. 1.4
- GIS-93A ver. 2.6
- GMW15650 Rev B

**Additional Product Variants:**

39151100

The conformity assessment procedure referred to in article 17 (4a) and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

**American Certification Body, Inc, Notified Body Number 1588**

**Type Examination Certificate: ATCB021192**

**Place of Issue: Hildesheim, Germany**

**Date of Issue: 09 June 2017**

**Laird Product Authorization:**

Signature:

Name:

Tami Johanson

Position:

General Manager / VP and Assistant General Counsel



## EU DECLARATION OF CONFORMITY

No: Laird\_GM\_SmallSharkFin\_612652

We,

**Laird Technologies GmbH**, Daimlerring 31, 31135 Hildesheim, Germany **declare** under our sole responsibility that the product

**Product Name: 13408577**

**Type: Small SharkFin Antenna**

**Product Description: Roof Antenna**

to which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, standards and regulations:

**Directives:**

- Directive 2014/53/EU (RED)

**Standards:**

- GIS-93A ver 1.6

**Additional Product Variants:**

13364750

The conformity assessment procedure referred to in article 17 (4a) and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

**American Certification Body, Inc**, Notified Body Number **1588**

**Type Examination Certificate:** ATCB021187

**Place of Issue: Hildesheim, Germany**

**Date of Issue: 09 June 2017**

**Laird Product Authorization:**

Signature:

Name:

Tami Johanson

Position:

General Manager / VP and Assistant General Counsel





## EU DECLARATION OF CONFORMITY

No: Laird\_MiMo\_HexBand\_812809

We,

**Laird Technologies GmbH**, Daimlerring 31, 31135 Hildesheim, Germany **declare** under our sole responsibility that the product

**Product Name: 13450555**

**Type: MiMo HexBand**

**Product Description: Roof Antenna**

to which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, standards and regulations:

**Directives:**

- Directive 2014/53/EU (RED)

**Standards:**

- GIS-90A ver 1.4
- GIS-93A ver 2.6
- GM GMW3097 rev. 2012

**Additional Variants:**

39151093

The conformity assessment procedure referred to in article 17 (4a) and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

**American Certification Body**, Notified Body Number **1588**

**Type Examination Certificate: ATCB021195**

**Place of Issue: Hildesheim, Germany**

**Date of Issue: 09 June 2017**

**Laird Product Authorization:**

Signature:

Name:

Tami Johanson

Position:

General Manager / VP and Assistant General Counsel





## EU DECLARATION OF CONFORMITY

No: Laird\_MiMo\_HexBand\_812910

We,

**Laird Technologies GmbH**, Daimlerring 31, 31135 Hildesheim, Germany **declare** under our sole responsibility that the product

**Product Name: 39097519**

**Type: Reverse MiMo HexBand**

**Product Description: Roof Antenna**

to which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, standards and regulations:

**Directives:**

- Directive 2014/53/EU (RED)

**Standards:**

- GIS-90A ver 1.4
- GIS-93A ver 2.6
- GM GMW3097 rev. 2012

**Additional Variant:**

39151096

The conformity assessment procedure referred to in article 17 (4a) and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

**American Certification Body**, Notified Body Number **1588**

**Type Examination Certificate: ATCB021196**

**Place of Issue: Hildesheim, Germany**

**Date of Issue: 09 June 2017**

**Laird Product Authorization:**

Signature:

Name:

Tami Johanson

Position:

General Manager / VP and Assistant General Counsel

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## DECLARATION OF CONFORMITY

### Directive 2014/53/EU

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Delphi  
S verine Taillefer  
CBU Program Manager  
Severine.taillefer@delphi.com  
Phone +33686877040

Date: 08<sup>th</sup> June 2017

Manufacturer or  
Authorized representatives: Delphi France SAS

Address: 22 Avenue des Nations, ZAC Paris Nord II  
93420 Villepinte  
FRANCE

We declare on our sole responsibility, that the following product

**Kind of equipment:** The 125KHz Transceiver and 433.92MHz receiver "BSI

HW Version: HW D5.7+ & D6.x

SW Version: SW 4.x

Max Output Power:

For PEPS: Rated Output Power: Pmax = 12.5 dB A/m at 10 m @ antenna 240uH  
(Maximum current consumption: 480 mAp)  
Pmax = 21.9 dB A/m at 10 m @ antenna 110uH  
(Maximum current consumption: 1200 mAp)

For IMMO: Rated Output Power <=85mAp @ 1.05mH antenna

**Type-designation: PSA BSI**

is in compliance with the essential requirements of .

**EN300220-2:V2.1.1**

**EN300330:V2.1.1**

**Human Exposure evaluation EN 62311**

**EN 301489-3:V2.1.1**

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Villepinte, 08<sup>th</sup> June 2017  
Place and date of issue



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Isabelle Vagne  
(G<sup>al</sup> Counsel & Regional Compliance Officer EMEA)

# EU DECLARATION OF CONFORMITY <sup>1</sup>



Number <sup>2</sup>

DoC\_AVN\_LC7F-P\_170526

Name and address of the Manufacturer <sup>3</sup>

LG Electronics Inc  
LG Twin Towers  
128 Yeoui-daero, Yeongdeungpo-gu  
Seoul 150-721  
Korea

This declaration of conformity is issued under the sole responsibility of the manufacturer. <sup>4</sup>

Object of the declaration <sup>5</sup>

Product information <sup>6</sup> Product Name  
Faceplate Radio ASM-Receiver

Model Name  
LC7F-P

Additional information <sup>7</sup> N/A

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation: <sup>8</sup>

- References to the relevant harmonised standards used or references to the technical specifications in relation to which conformity is declared <sup>9</sup>

Radio Equipment Directive 2014/53/EU

Article 3.1a Safety/Health

EN 60065:2014  
EN 62470:2010

Article 3.1b EMC

EN 301 489-1 V2.1.1  
EN 301 489-3 V2.1.1  
EN 301 489-17 V3.1.1

EN 55013:2013  
EN 55020:2007+A11:2011  
EN 55024:2010  
EN 55032:2015

Article 3.2 Radio

EN 300 328 V2.1.1  
EN 303 345 V1.1.7

The notified body <sup>10</sup>

Name: 0197  
Number: TUV Rheinland

performed

• a conformity assessment of the technical construction file

and issued the certificate

RT 60119890 0001

Additional information <sup>7</sup>

N/A

Signed for and on behalf of: <sup>11</sup> LG Electronics Inc.

Authorised Representative:

LG Electronics European Shared Service Center B.V.  
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Name and Surname / Function:

Jeong Won Lee / Director

Date of issue:

May 26, 2017





## EU Declaration of Conformity

In accordance with Directive 2014/53/EU (RED)

We, **Huf Hüsbeck & Fürst GmbH & Co. KG**  
**Steeger Str. 17**  
**42551 Velbert**  
**Germany**

declare under our sole responsibility, that the product

**PSA Flip Key K0**  
**Model: HUF8435**

is in conformity with the essential requirements of Article 3 of the RED (2014/53/EU), if used for its intended purpose.

Applied Standards:

### 1. Health and Safety requirements contained in Art. 3 (1) a)

- EN 62368-1:2014 + AC:2015  
Safety requirements of Audio/Video, Information and Communication Technology
- EN 62479:2010  
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz – 300 GHz)

### 2. Protection requirements with respect to electromagnetic compatibility Art. 3 (1) b)

- ETSI EN 301 489-1 V2.2.0 (2017-03)  
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU
- ETSI EN 301 489-3 V2.1.1 (2017-03)  
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

### 3. Means of the efficient use of the radio frequency spectrum Art. 3 (2)

- ETSI EN 300 220-1 V3.1.1 (2017-02)  
Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 1: Technical characteristics and methods of measurement
- ETSI EN 300 220-2 V3.1.1 (2017-02)  
Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 2: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU for non specific radio equipment

Signed for and on behalf of Huf Hüsbeck & Fürst GmbH & Co. KG,

Velbert, 12.06.2017

**Huf Hüsbeck & Fürst**  
**GmbH & Co. KG**  
Steeger Straße 17 • 42551 Velbert  
Postfach 10 04 80 • 42504 Velbert

i.A. Thomas Herzog  
Process Electronics  
Standard Electronic Component Management and Services



## Declaration of Conformity

in accordance with the Radio Equipment Directive 2014/53/EU (RED)

1. Radio equipment: IM2A

2. Name and address of the manufacturer or his authorised representative:

Valeo Comfort and Driving Assistance  
76, rue Auguste Perret  
F-94046 Créteil - CEDEX  
France

3. This Declaration of Conformity is issued under the sole responsibility of the manufacturer.

4. Object of the declaration:

Radio equipment: Transmitter (Identifiant Mains Libres, IML)  
Model/type: **IM2A**

5. The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

2014/53/EC Radio Equipment Directive (RED)

6. References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:

EN 60950-1: 2006, A11:2009, A1:2010, Protection of health and safety (art. 3.1. (a))  
A2:2013, AC:2011, A12: 2011

EN 301 489-1 V2.2.0 (Draft) Level of Electromagnetic Compatibility (art. 3.1. (b))  
EN 301 489-3 V2.1.1 (Final draft)

EN 300 220-1 V3.1.1 Efficient use of the Radio Frequency Spectrum (art. 3.2)  
EN 300 220-2 V3.1.1

7. Signed for and on behalf of: Valeo Comfort and Driving Assistance  
Place of issue: Créteil  
Date of issue: 12/06/2017  
Name: Jean-Claude GOUMY  
Position: Connected Car Business Group R&D Director  
Signature:



## EU Declaration of Conformity in accordance with Directive 2014/53/EU

Manufacturer: Continental Automotive Rambouillet France S.A.S.  
Address: 1, rue de Clairefontaine 78120 Rambouillet France  
Product type designation: OVIP Wave2 / NAC EUR Wave 2  
Intended use: Automotive Multimedia System

The product mentioned above complies with the essential requirements and other relevant provisions of Directive 2014/53/EU, when used for its intended purpose:

Health and safety pursuant to Art. 3(1)(a):

*Applied standard(s):*

EN 62479 :2010

EN 60950-1:2006 + A11:2009 + A1:2010 +  
A12:2011 + AC:2011 + A2:2013

Electromagnetic compatibility pursuant to Art. 3(1)(b):

*Applied standard(s):*

EN 55020 (2007)

EN 55032 (2015)

ETSI EN 301 489-1 V2.2.0 (draft)

ETSI EN 301 489-3 V2.1.1 (draft)

ETSI EN 301 489-17 V3.2.0 (draft)

Efficient use of spectrum pursuant to Art. 3(2):

*Applied standard(s):*

ETSI EN 303 345 V1.1.7 (draft)

ETSI EN 300 328 v2.1.1

ETSI EN 300 440-1 v1.6.1

ETSI EN 300 440-2 v 1.4.1

The following marking applies to the above mentioned product:



Notified Body involved:

n°0081 LCIE (LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES)

Rambouillet, 13.06.2017

Alain SAUVE

Quality Manager

# EU DECLARATION OF CONFORMITY<sup>\* 1</sup>



## Number<sup>2</sup>

DoC\_TG10AN3WNE8\_170401

## Name and address of the Manufacturer<sup>3</sup>

LG Electronics Inc  
LG Twin Tower  
128 Yeoui-daero, Yeongdeungpo-gu  
Seoul 150-721  
Korea

This declaration of conformity is issued under the sole responsibility of the manufacturer: <sup>4</sup>

## Object of the declaration<sup>5</sup>

### Product information<sup>6</sup>

Product Name

**Telematics**

Model Name

**TG10AN3WNE8**

### Additional information<sup>7</sup>

Additional model name : TG10AN3WUE6, TG10AF3WUE6, TG10PN3WUE7, TG10AF3WNE7, TG10AN3WNE7, TG10AF3WUE7, TG10AF3WUE8, TG10AN3WUE7, GEN10EU, GEN10EUL

The object of the declaration described above is in conformity with the relevant Community harmonisation legislations:<sup>8</sup>

- References to the relevant harmonised standards used or references to the technical specifications in relation to which conformity is declared <sup>9</sup>

### Essential requirements of RED 2014/53/EU

#### 3.1(a)

EN 60950-1:2006 +A11:2009 + A1:2010 +A12:2011 + A2:2013

EN 62311:2008

#### 3.1(b)

EN 301 489-1 V2.2.0

EN 301 489-3 V2.1.1

EN 301 489-17 V3.2.0

EN 301 489-52 V1.1.0

#### 3.1(c)

EN 300 328 V2.1.1

EN 301 511 V12.5.1

EN 301 908-1 V11.1.1

EN 301 908-2 V11.1.1

EN 301 908-13 V11.1.1

EN 300 440 V2.1.1

## Additional information<sup>7</sup>

### ▪ Description of accessories and components, software version for operation

- Software version : V8.71 (TG10AN3WUE6, TG10AF3WUE6 : V8.42)
- Accessories description : N/A
- Components description : N/A

### ▪ Notified body information

- Name: TIMCO Engineering Inc.
- Number: 1177

Signed for and on behalf of:<sup>10</sup> LG Electronics Inc.

Place:

LG Electronics Inc. – EU Representative  
Krijgsman 1 - 1186 DM Amstelveen - The Netherlands

Name and Surname /Function:

Jeong Won Lee /Director

Date of issue:

01, April, 2017







DEKRA Testing and Certification, S.A.U.

Designated by the

Secretaría de Estado para la Sociedad de la Información y la Agenda Digital  
(Ministerio de Energía, Turismo y Agenda Digital)

to act as Notified Body in accordance with the Directive 2014/53/EU of 16 April 2014

## Directive 2014/53/EU – EU-TYPE EXAMINATION CERTIFICATE

Identification Number: **53375RNB.001**  
Issue date: **2017-06-14**

### MANUFACTURER DETAILS:

Company name: **Xiamen Clarion Electrical Enterprise Co., Ltd.**  
Address: **6F, No. 40, Guanri Road, Software Park Stage II, Xiamen, China**

### EQUIPMENT DETAILS:

Type of equipment: **Car Audio broadcasting receiver with Bluetooth 2.1 + EDR**  
Brand name: **Clarion**  
Model name: **RD6**  
HW version: **039-4398-00**  
SW versions: **Ver0640**

### SCOPE OF OPINION:

Essential requirements	Specifications / Standards	Submitted documents
Article 3.1(a): Electrical safety	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + AC:2011 + A2:2013	Test report
Article 3.1(a): EMF exposure	EN 62479:2010	Assessment report
Article 3.1(b): EMC	EN 301 489-1 V2.1.1 EN 301 489-17 V3.1.1 EN 55032:2015 + AC:2016 EN 55020:2007 + A11:2011 + A12:2016	Test reports
Article 3.2: Radio spectrum use	EN 300 328 V2.1.1 Final Draft EN 303 345 V1.1.7	Test report

### OPINION:

Our opinion in accordance with Annex III of DIRECTIVE 2014/53/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 April 2014 on radio equipment and the mutual recognition of their conformity is that the equipment complies with the requirements of that directive stated in the above scope.

This opinion has 1 annex with 2 pages and it is only valid in conjunction with it.

Signed on behalf of DEKRA Testing and Certification, S.A.U. in Málaga (Spain)

Digitally signed by RICARDO OREJAS RODRÍGUEZ  
DN: 2.5.4.13=Qualified Certificate: CAM-PF-SW-KPSC,  
cn=RICARDO OREJAS RODRÍGUEZ,  
email=orejas@at4wireless.com,  
serialNumber=32046566E, sn=OREJAS RODRÍGUEZ,  
givenName=RICARDO, 1.3.6.1.4.1.17326.30.3=A29507456,  
title=RESPONSABLE ORGANISMO NOTIFICADO,  
ou=REGULATORY CERTIFICATION BODY, o=DEKRA  
TESTING AND CERTIFICATION, SAU, c=ES  
Date: 2017.06.14 12:21:07 +02'00'

Nombre: **Ricardo Orejas**  
Position: **Responsible of Certification**



## Annex I to EU-Type Examination Certificate No. 53375RNB.001

### TECHNICAL DOCUMENTATION:

Held at: **CLARION EUROPE S.A.S.**  
Address: **18 rue Grange Dame Rose, 78140 VELIZY - FRANCE**  
Date: **2017-06-08**  
File number: **53375\_RD6\_Rev1**

### TECHNICAL FEATURES AND CHARACTERISTICS:

Operating frequency bands: **Bluetooth 2.1+EDR, AM/FM/DAB\* audio broadcasting reception**  
Operating frequency bands: **Bluetooth 2.1+EDR: 2402-2480 MHz**  
**FM: 87.5-108.0 MHz**  
**AM: 144-288 kHz**  
**531-1629 kHz**  
**DAB\*:** **Band III: 174.928-239.200 MHz**  
**Band L: 1452.960-1490.624 MHz**

Transmitter modulations: **GFSK,  $\pi/4$  DQPSK, 8-DPSK**  
Maximum data rate: **3 Mbps**  
Maximum output power: **-3.010 dBm eirp**  
Operating voltage range: **9.5-16 VDC (Nominal: 13.5 VDC) provided by external power supply**  
Operating temperature range: **-40°C to 85°C**  
Antenna: **Bluetooth 2.1+EDR: Integral antenna. Antenna gain: 0 dBi**  
**AM/FM/DAB\*: External antenna. Antenna connector impedance: 50  $\Omega$**

Intended use: **To provide AM/FM/DAB audio broadcasting reception and data and hands free operation over Bluetooth interface.**

### CONFORMITY DETAILS:

<b>Essential requirement:</b>	Article 3.1(a): Electrical safety
Specifications / Standards:	<b>EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + AC:2011 + A2:2013</b>
Test report No:	<b>47909RSE.001</b>
Issued by:	<b>AT4 wireless S.A.U.</b>
Issue date:	<b>2016-02-04</b>
<b>Essential requirement:</b>	Article 3.1(a): EMF exposure
Specifications / Standards:	<b>EN 62479:2010</b>
Test report No:	<b>47909EMF.001</b>
Issued by:	<b>AT4 wireless, S.A.U.</b>
Issue date:	<b>2016-02-12</b>
<b>Essential requirement:</b>	Article 3.1(b): EMC
Specifications / Standards:	<b>EN 301 489-1 V1.9.2, EN 301 489-17 V2.2.1</b>
Test report No:	<b>47909REM.001</b>
Issued by:	<b>AT4 wireless, S.A.U.</b>
Issue date:	<b>2015-12-17</b>
Specifications / Standards:	<b>EN 55013:2013, EN 55020:2007 + A11:2011</b>
Test report No:	<b>47909REM.002</b>
Issued by:	<b>AT4 wireless, S.A.U.</b>
Issue date:	<b>2015-12-18</b>
Specifications / Standards:	<b>EN 301 489-1 V2.1.1, EN 301 489-17 V3.1.1</b>
Test report No:	<b>53375REM.001</b>
Issued by:	<b>DEKRA Testing and Certification, S.A.U.</b>
Issue date:	<b>2017-06-01</b>



Specifications / Standards: **EN 55032:2015, EN 55020:2007 + A11:2011 + A12:2016**  
Test report No: **53375REM.002**  
Issued by: **DEKRA Testing and Certification, S.A.U.**  
Issue date: **2017-06-01**

**Essential requirement:** Article 3.2: Radio spectrum use

Specifications / Standards: **EN 300 328 V1.9.1**  
Test report No: **47909RRF.001**  
Issued by: **AT4 wireless, S.A.U.**  
Issue date: **2016-01-15**

Specifications / Standards: **EN 300 328 V2.1.1**  
Test report No: **53375RBT.001**  
Issued by: **DEKRA Testing and Certification, S.A.U.**  
Issue date: **2017-06-14**

Specifications / Standards: **Final Draft EN 303 345 V1.1.7**  
Test report No: **53375RRF.001**  
Issued by: **DEKRA Testing and Certification, S.A.U.**  
Issue date: **2017-06-13**

**REMARKS AND COMMENTS:**

It is mandatory to inform DEKRA Testing and Certification, S.A.U. in writing about any change in the approved equipment identified in this certificate, which could affect the conformity of the apparatus with the essential requirements or the conditions of validity of this certificate.

\* DAB audio broadcasting receiver is optional and the associated components can be depopulated from the device.