Richtlinie 2014/53/EU: Radio Equipment

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1 Radio key

Continental

Interior

Continental Automotive GmbH | Siemensstraße 12 | 93055 Regensburg | Germany

Thomas Heselberger
I B&S RD CFRF WM Homologation
Phone: +49-941-790-3554
Fax: +49-941-79099-3554
Thomas.Heselberger@continental-corporation.com

Date	Your message dated	Our reference	Your reference
09.06.2017			

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

Manufacturer:	Continental Automotive GmbH
Address:	Siemensstrasse 12 D-93055 Regensburg Germany
Product type designation:	28416031, 28416032
Intended use:	Radio frequency transmitter used in vehicle locking/unlocking systems

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 60950-1:2006 + A11:2009 + A1:2010 + A12:2011+A2:2013
Electromagnetic compatibility pursuant to Art. 3(1)(b):	*Applied standard(s):* DRAFT EN 301 489-3 V2.1.1
Efficient use of spectrum pursuant to Art. 3(2):	*Applied standard(s):* EN 300 220-2: V3.1.1

The following marking applies to the above mentioned product: CE

Continental Automotive GmbH
Regensburg, 09.06.2017

Klaus Binder
Head of Controlling
Body & Security

Norbert Müller
Director Research & Development
Body & Security.

1/1

Continental

Interior

Continental Automotive GmbH | Siemensstraße 12 | 93055 Regensburg | Germany

Thomas Heselberger
I B&S RD CFRF WM Homologation
Phone: +49-941-790-3554
Fax: +49-941-79099-3554
Thomas.Heselberger@continental-corporation.com

Date	Your message dated	Our reference	Your reference
14.06.2017			

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

Manufacturer:	Continental Automotive GmbH
Address:	Siemensstrasse 12 D-93055 Regensburg Germany
Product type designation:	PAG-BCM-Front-433-140930, PAG-BCM-Front-434-140930
Intended use:	Keyless Vehicle Module

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 60950-1:2006 + A11:2009 + A1:2010 + A12:2011+A2:2013
Electromagnetic compatibility pursuant to Art. 3(1)(b):	*Applied standard(s):* DRAFT EN 301 489-3 V2.1.1
Efficient use of spectrum pursuant to Art. 3(2):	*Applied standard(s):* EN 300 330: V2.1.1 EN 300 220-2: V3.1.1

The following marking applies to the above mentioned product: CE

Continental Automotive GmbH
Regensburg, 14.06.2017

Klaus Binder
Head of Controlling
Body & Security

Norbert Müller
Director Research & Development
Body & Security.

1/1

MARQUARDT

Declaration of Conformity

We,

Company:	**Marquardt GmbH**
Name:	**Thomas Schwarz**
Street:	**Schloßstr. 16**
Location:	**78604 Rietheim-Weilheim**
Country	**Germany**
Telephone:	**+49 7424 99 0**
Fax:	**+49 7424 99 2122**
Email:	**thomas.schwarz@marquardt.de**

declare under the sole responsibility that the following product.

Type or model: **PK1**

to which this declaration relates is in conformity with the essential requirements and other relevant requirements of the RE Directive (2014/53/EU).

The product is in conformity with the following standards and/or normative documents:

Applied standards:	
EN 60950-1: 2005 (2nd Edition) + A1:2009 and EN 60950-1: 2006 + A11:2009 + A1:2010 + AC:2011 + A12:2011	Safety
EN 300 220-2 V3.1.1 (2017-02) EN 300 330-2 V2.1.1 (2017-02)	Radio
EN 301 489-1 V1.9.2 (2011-09) + EN 301 489-3 V1.6.1 (2013-08)	EMC

Signed for and on behalf of:

Rietheim-Weilheim, 12.06.2017

ppa.

(Signature)

ppa. Thomas Schwarz Dipl.-Ing (FH)
Director Engineering Services

Hella KGaA *Hueck & Co.*

EU Declaration of Conformity (DoC)

Hereby we,

Name of manufacturer:	**Hella KGaA Hueck & Co**
Address:	**Rixbecker Str. 75**
Zip code & City:	**59552 Lippstadt**
Country:	**Germany**
Telephone number:	**+49(0)2941380**

declare that this DoC is issued under our sole responsibility and that this product:

Product description:	**Body controller module inclusive remote key transceiver unit**
Type designation(s):	**BCMevo**
Trademark:	**HELLA**
Batch / Serial Number:	**n/a**

Object of the declaration:

Body controller module inclusive remote key transceiver unit

is in conformity with the relevant Union harmonization legislation:

2014 / 53 / EU Radio Equipment Directive

and other Union harmonization legislation where applicable:

_____

_____

The relevant standards used in relation to which conformity is declared are:

Essential requirements	Standards
Health (Article 3.1a)	EN 62479: 2010
Safety (Article 3.1a)	EN 60950-1: 2006+A11:2009+A1:2010+A12:2011+A2:2013
EMC (Article 3.1b)	EN 301 489-1:V2.2.0 EN 301 489-3:V2.1.0
Efficient use of spectrum (Article 3.2)	EN 300 220-2 V3.1.1 EN 300 330 V2.1.1

Signed for and on behalf of:

Lippstadt, 2017-06-12

i.V. O.

Dr.-Ing. Olaf Lüdtke, Director of Design and Development

Continental

Interior

Continental Automotive GmbH | Siemensstraße 12 | 93055 Regensburg | Germany

Thomas Heselberger
I B&S RD CFRF WM Homologation
Phone: +49-941-790-3554
Fax: +49-941-79099-3554
Thomas.Heselberger@continental-corporation.com

Date	Your message dated	Our reference	Your reference
12.06.2017			

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

Manufacturer: Address:	Continental Automotive GmbH Siemensstrasse 12 D-93055 Regensburg Germany
Product type designation:	BCMevoC
Intended use:	Keyless Vehicle Module

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 60950-1:2006 + A11:2009 + A1:2010 + A12:2011+A2:2013
Electromagnetic compatibility pursuant to Art. 3(1)(b):	*Applied standard(s):* DRAFT EN 301 489-3 V2.1.0
Efficient use of spectrum pursuant to Art. 3(2):	*Applied standard(s):* EN 300 220-2: V3.1.1 EN 300 330: V2.1.1

The following marking applies to the above mentioned product: CE

Continental Automotive GmbH
Regensburg, 12.06.2017

Klaus Binder
Head of Controlling
Body & Security

Norbert Müller
Director Research & Development
Body & Security.

1/1

2 Garage door opener (HomeLink®)

GENTEX CORPORATION
A Smarter Vision®
600 N. Centennial Street, Zeeland, MI 49464

Radio Equipment Directive Declaration of Conformity (DoC)

Unique identification of this DoC: EHL2

We,

Declare under our sole responsibility that the product:

Product Name:	Universal Garage Door Opener
Trade Name:	HomeLink®
Model:	EHL2

To which this declaration relates is in conformity with the essential requirements and other relevant requirements of the Radio Equipment Directive (2014/53/EU).
The product is in conformity with the following standards and/or other normative documents:

Health & Safety (Art. 3(1) (a)):	EN 60950-1:2006/A11:2009/A1:2010/A2:2013/AC:2011/A12:2011
EMC (Art. 3(1) (b)):	ETSI EN 301 489-1 V2.2.0 (2017-03) ETSI EN 301 489-3 V2.1.1 (2017-03)
Spectrum (Art. 3(2)):	ETSI EN 300 220-1 V3.1.1 (2017-02) ETSI EN 300 220-2 V3.1.1 (2017-02)
RF Exposure to EM Fields	EN 62479:2010
Limitation of validity (if any):	None

Printed Name
Neil Boehm

Date: June 07, 2017
Title: Vice President of Engineering

Tel: 616 772 1800

GENTEX CORPORATION CORPORATE SEAL MICHIGAN

GENTEX
CORPORATION
A Smarter Vision®
600 N. Centennial Street, Zeeland, MI 49464

Radio Equipment Directive Declaration of Conformity (DoC)

Unique identification of this DoC: ADHL5D

We,

Declare under our sole responsibility that the product:

Product Name:	Universal Garage Door Opener
Trade Name:	HomeLink
Model:	ADHL5D

To which this declaration relates is in conformity with the essential requirements and other relevant requirements of the Radio Equipment Directive (2014/53/EU).
The product is in conformity with the following standards and/or other normative documents:

Health & Safety (Art. 3(1) (a)):	EN 60950-1:2006/A11:2009/A1:2010/A12:2011/A2:2013, EC 60950-22 (2nd Edition), and EN 60950-22:2006/A11:2008
EMC (Art. 3(1) (b)):	ETSI EN 301 489-1 V2.2.0 (2017-03) ETSI EN 301 489-3 V2.1.1 (2017-03)
Spectrum (Art. 3(2)):	ETSI EN 300 220-1 V3.1.1 (2017-02) ETSI EN 300 220-2 V3.1.1 (2017-02)
RF Exposure to EM Fields	EN 62479:2010
Limitation of validity (if any):	None

Printed Name
Neil Boehm

Date: June 07, 2017
Title: Vice President of Engineering

Tel: 616 772 1800

GENTEX CORPORATION CORPORATE SEAL MICHIGAN

Eberspächer

EU – DECLARATION OF CONFORMITY

We herewith declare, that the design and construction of the following described product, as well as the version be placed on the market, are comply with the relevant requirements of EU-Directive 2014/53/EU.

Manufacturer

Eberspächer Climate Control Systems GmbH & Co. KG

Eberspächerstraße 24

73730 Esslingen/Germany

Product name

Remote control

Type: EasyStart R

Version	Base	Mobile
Audi B8	221000329500 0D	221000347100 0A
VW	221000329500 0D	221000347200 0A
Porsche Panamera	221000329500 0D	221000347300 0A

We declare compliance with following EU Directives, also applicable to the product:

-

Applied specifications:

- Health/ Safety EN 60950-1:2006+A2:2013
- EMC EN 301 489-1 V1.9.2
- Radio spectrum EN 300 220-2 V3.1.1

Additional information, Notified Body

-

Esslingen, 12.06.2017

Dr. Jörg Schernikau
Managing Director

i. V. Hans Jensen
Vice President R&D

Eberspächer Climate Control Systems GmbH & Co. KG | Eberspächerstraße 24 | 73730 Esslingen
DE 06.2017 Änderungen vorbehalten

EU – DECLARATION OF CONFORMITY

We herewith declare, that the design and construction of the following described product, as well as the version be placed on the market, are comply with the relevant requirements of EU-Directive 2014/53/EU.

Manufacturer

Eberspächer Climate Control Systems GmbH & Co. KG

Eberspächerstraße 24

73730 Esslingen/Germany

Product name

Remote control for parking heater

Type: EasyStart R+

Ausführung	Stationär	Mobil
Audi D4	221000346200 0B	221000346100 0B
Porsche Panamera	221000346200 0B	221000347000 0B
Bentley	221000346200 0B	221000351700 0B

We declare compliance with following EU Directives, also applicable to the product:

-

Applied specifications:

- Health/ Safety EN 60950-1:2006+A2:2013
- EMC EN 301 489-1 V1.9.2
- Radio spectrum EN 300 220-2 V3.1.1

Additional information, Notified Body

-

Esslingen, 12.06.2017

Dr. Jörg Schernikau
Managing Director

i. V. Hans Jensen
Vice President R&D

4 Tyre Pressure Monitoring (TPM)

Huf Hülsbeck & Fürst

EU Declaration of Conformity

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

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

declare under our sole responsibility, that the product

Product: TPMS Sensor G2.4 433.92 MHz
Model: TSSRE4Td

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
   - EN 62479:2010

2. Protection requirements with respect to electromagnetic compatibility Art. 3 (1) b)
   - ETSI EN 301 489-1 V2.2.0 (2017-03)
   - ETSI EN 301 489-3 V2.1.1 (2017-03)
   - EN 61326-1:2013

3. Means of the efficient use of the radio frequency spectrum Art. 3 (2)
   - ETSI EN 300 220-1 V3.1.1 (2017-02)
   - ETSI EN 300 220-2 V3.1.1 (2017-02)

The notified body, TÜV Rheinland number 0197 performed an EC type examination and issued the certificate: RT 60120528_0001

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

Velbert, 12.06.2017

Huf Hülsbeck & 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

EU Declaration of Conformity

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

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

declare under our sole responsibility, that the product

Product: TPMS Sensor G3.8 433.92 MHz
Model: TSSRE4Dg

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
   - EN 62479:2010

2. Protection requirements with respect to electromagnetic compatibility Art. 3 (1) b)
   - ETSI EN 301 489-1 V2.2.0 (2017-03)
   - ETSI EN 301 489-3 V2.1.1 (2017-03)
   - EN 61326-1:2013

3. Means of the efficient use of the radio frequency spectrum Art. 3 (2)
   - ETSI EN 300 220-1 V3.1.1 (2017-02)
   - ETSI EN 300 220-2 V3.1.1 (2017-02)

The notified body, TÜV Rheinland number 0197 performed an EC type examination and issued the certificate: RT 60120526_0001

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

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

Velbert, 12.06.2017

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

EU Declaration of Conformity

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

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

declare under our sole responsibility, that the product

Product: TPMS Trigger LIN 125 kHz
Model: TSSTSb

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
   - EN 62479:2010

2. Protection requirements with respect to electromagnetic compatibility Art. 3 (1) b)
   - ETSI EN 301 489-1 V2.2.0 (2017-03)
   - ETSI EN 301 489-3 V2.1.1 (2017-03)
   - EN 61326-1:2013

3. Means of the efficient use of the radio frequency spectrum Art. 3 (2)
   - ETSI EN 300 330 V2.1.1 (2017-02)

The notified body, TÜV Rheinland number 0197 performed an EC type examination and issued the certificate: RT 60120532_0001

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

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

Velbert, 12.06.2017

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

EU Declaration of Conformity

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

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

declare under our sole responsibility, that the product

Product: TPMS Trigger direct 125 kHz
Model: TSSTSc

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
   - EN 62479:2010

2. Protection requirements with respect to electromagnetic compatibility Art. 3 (1) b)
   - Draft ETSI EN 301 489-1 V2.2.0 (2017-03)
   - Draft ETSI EN 301 489-3 V2.1.1 (2017-03)
   - EN 61326-1:2013

3. Means of the efficient use of the radio frequency spectrum Art. 3 (2)
   - ETSI EN 300 330 V2.1.1 (2017-02)

The notified body, TÜV Rheinland number 0197 performed an EC type examination and issued the certificate: RT 60120533_0001

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

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

Velbert, 12.06.2017

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

5 Lane Change Assist (LCA)

Hella KGaA Hueck & Co.

EU Declaration of Conformity (DoC)

Hereby we,

Name of manufacturer:	**Hella KGaA Hueck & Co**
Address:	**Rixbecker Str. 75**
Zip code & City:	**59552 Lippstadt**
Country:	**Germany**
Telephone number:	**+49(0)2941-38-0**

declare that this DoC is issued under our sole responsibility and that this product:

Product description:	**Short Range Radar Device**
Type designation(s):	**LCA 2.0 A**
Trademark:	**Hella**
Batch / Serial number:	-

Object of the declaration:

LCA 2.0 A

is in conformity with the relevant Union harmonization legislation:
Radio Equipment directive: **2014 / 53 / EU**
and other Union harmonization legislation where applicable:

-

with reference to the following standards applied:

EN 302 858 V2.1.1 (2016-12) (draft)
EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + AC:2011 + A2:2013
EN 301 489-1 V.1.9.2 (2011-09)
EN 301 489-3 V1.6.1 (2013-08)
EN 62311:2008

The Notified Body Telefication B.V., with Notified Body number 0560 performed: B+C

The issued EU-type examination certificate: 172140463/AA/00

Signed for and on behalf of:

Lippstadt, 06.06.17
Place, Date

i.V. Hlubek
Bernhard Hlubek,
Manager Design and Development DAS

EU Declaration of Conformity (DoC)

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

Company name:	Robert Bosch GmbH, Chassis Systems Control, CC-DA/ECR
Postal address:	PO Box 1661
Postcode / City:	71226, Leonberg
Telephone number:	+49 711/811-0
E-Mail address:	ITA.BoschRadar@de.bosch.com

2. Radio equipment (product, type, batch or serial number):

Apparatus model/Product:	MRR1Rear automotive radar sensor
Type:	Motion Detector for TTT application
Batch:	N/A
Serial number:	BPV-07821.10.1677122895

3. This declaration of conformity is issued under the sole responsibility of the manufacturer:

Robert Bosch GmbH, Chassis Systems Control, CC-DA/ECR

4. Object of the declaration (identification of apparatus allowing traceability; it may include a colour image of sufficient clarity where necessary for the identification of the radio equipment):

Product Model name:	MRR1Rear
Product description:	Mid-range radar sensor
Hardware version:	3Q0 907 566
Software version:	X510

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

RE-D Directive 2014/53/EU	...
...	...

6. References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared. References must be listed with their identification number and version and, where applicable, date of issue:

Art 3.1a: Health of persons and animals	EN 62479:2010
Art 3.1a: Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011
Art 3.1b: EMC	ETSI EN 301 489-1 V2.2.0
	ETSI EN 301 489-51 V1.1.1
Art 3.2: Radio: Efficient use of spectrum	ETSI EN 301 091-1 V2.1.1
	ETSI EN 303 396 V1.1.1

7. Where applicable, the notified body ...(name, number)...performed ... (description of intervention) ... and issued the EU-type examination certificate: ...:

Name: CTC Advanced GmbH | **4 digit notified body number:** 0682

Reference number of the certificate of notified body: T817962E-01-TEC

8. Additional information:

Signed for and on behalf of:

Leonberg, Germany	2017-06-08	Andreas Müller CC-DA/ECR Engineering Components Radar
Place of issue	Date of issue	Name, function, signature

pki, BOSCH, DE, A, N, Andreas.Mueller37

Digitally signed by pki, BOSCH, DE, A, N, Andreas.Mueller37
Date: 2017.06.08 18:39:37 +02'00'

1

DELPHI

Delphi Deutschland GmbH

Ljiljana Trivic
Certification Responsible

Ljiljana.Trivic@Delphi.com
Phone +49 2261 971 415

Date: 07th June 2017

DECLARATION OF CONFORMITY
Directive 2014/53/EU

Manufacturer or
Authorized representatives: Delphi Deutschland GmbH

Address: Delphiplatz 1
D–42119 Wuppertal
Germany

We declare on our sole responsibility, that the following product

Kind of equipment: Short Range Radar
HW Version: **4N0.907.566.A/4N0.907.669.A**
SW Version: **4N0.907.566.B/4N0.907.669.B**
Max Output Power: **30dBm (1,0 W)**
Frequency Operating Band: **76-77 GHz**

Type–designation: R3TR

is in compliance with the essential requirements of RED 2014/23/EU.

- Health and safety requirements pursuant to §3(1)a:
  Applied Standard(s) or other means of providing conformity:
  EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013+AC:2011
  EN 62311:2008

- Protection requirements concerning EMC §3(1)b:
  Applied Standard(s) or other means of providing conformity:
  EN 301489-51V1.1.1
  EN 301489-3 V2.1.1

- Measures for the efficient use of the radio frequency spectrum §3(2)
  Applied Standard(s) or other means of providing conformity:
  EN 301091-1 V2.1.1

Wuppertal, 07th June 2017
Place and date of issue

Uta Hoffmann (Managing Director)

6 Adaptive cruise control (ACC)

Ref. Ares(2016)3250402 - 07/07/2016

EU Declaration of Conformity (DoC)

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

Company name:	Robert Bosch GmbH, Chassis Systems Control, CC-DA/ECR
Postal address:	PO Box 1661
Postcode / City:	71226, Leonberg
Telephone number:	+49 711/811-0
E-Mail address:	ITA.BoschRadar@de.bosch.com

2. Radio equipment (product, type, batch or serial number):

Apparatus model/Product:	LRR3 automotive radar sensor
Type:	Motion Detector for TTT application
Batch:	N/A
Serial number:	0203300414 170403 091623

3. This declaration of conformity is issued under the sole responsibility of the manufacturer:

Robert Bosch GmbH, Chassis Systems Control, CC-DA/ECR

4. Object of the declaration (identification of apparatus allowing traceability; it may include a colour image of sufficient clarity where necessary for the identification of the radio equipment):

Product Model name:	LRR3
Product description:	Long-range radar sensor
Hardware version:	39R09549
Software version:	R14.0.0

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

RE-D Directive 2014/53/EU	...
Other Union harmonisation legislation where applicable...	...

6. References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared. References must be listed with their identification number and version and, where applicable, date of issue:

Art 3.1a: Health of persons and animals	EN 62311:2008
Art 3.1a: Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2010+A2:2013
Art 3.1b: EMC	EN 301 489-1 V1.9.2, EN 301 489-3 V1.6.1
	DRAFT EN 301 489-1 V2.2.0, EN 301 489-51 V1.1.1
Art 3.2: Radio: Efficient use of spectrum	EN 301 091-1 V2.1.1
	EN 303 396 V1.1.1

7. Where applicable, the notified body ...(name, number)...performed ... (description of intervention) ... and issued the EU-type examination certificate: ...:

Name: CTC Advanced GmbH **4 digit notified body number:** 0682

Reference number of the certificate of notified body: T817964E-01-TEC

8. Additional information:

Signed for and on behalf of:

Leonberg, Germany	2017-06-12	Katrina Velten CC-DA/ECR Engineering Components Radar pki, BOSCH, DE, K, A, Katrina.Velten Digitally signed by pki, BOSCH, DE, K, A, Katrina.Velten Date: 2017.06.12 09:28:12 +02'00'
Place of issue	Date of issue	Name, function, signature

1

EU Declaration of Conformity (DoC)

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

Company name:	Robert Bosch GmbH, Chassis Systems Control, CC-DA/ECR
Postal address:	PO Box 1661
Postcode / City:	71226, Leonberg
Telephone number:	+49 711/811-0
E-Mail address:	ITA.BoschRadar@de.bosch.com

2. Radio equipment (product, type, batch or serial number):

Apparatus model/Product:	LRR4 automotive radar sensor
Type:	Motion Detector for TTT application
Batch:	N/A
Serial number:	07813.07.1677031252

3. This declaration of conformity is issued under the sole responsibility of the manufacturer:

Robert Bosch GmbH, Chassis Systems Control, CC-DA/ECR

4. Object of the declaration (identification of apparatus allowing traceability; it may include a colour image of sufficient clarity where necessary for the identification of the radio equipment):

Product Model name:	LRR4
Product description:	Long-range radar sensor
Hardware version:	4N0907561
Software version:	X011

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

RE-D Directive 2014/53/EU	...
Other Union harmonisation legislation where applicable...	...

6. References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared. References must be listed with their identification number and version and, where applicable, date of issue:

Art 3.1a: Health of persons and animals	EN 62479:2010
Art 3.1a: Safety	EN 60950-1:2006+A11:2009+A1:2010+AC:2011+A12:2011
Art 3.1b: EMC	DRAFT ETSI EN 301 489-1 V2.2.0
	ETSI EN 301 489-51 V1.1.1
Art 3.2: Radio: Efficient use of spectrum	ETSI EN 301 091-1 V2.1.1
	ETSI EN 303 396 V1.1.1

7. Where applicable, the notified body ...(name, number)...performed ... (description of intervention) ... and issued the EU-type examination certificate: ...:

Name: CTC Advanced GmbH — **4 digit notified body number:** 0682

Reference number of the certificate of notified body: T817963E-01-TEC

8. Additional information:

Signed for and on behalf of:

Leonberg, Germany	2017-06-08	Andreas Müller CC-DA/ECR Engineering Components Radar pki, BOSCH, DE, A, N, Andreas.Mueller37 Digitally signed by pki, BOSCH, DE, A, N, Andreas.Mueller37 Date: 2017.06.08 18:36:45 +02'00'
Place of issue	Date of issue	Name, function, signature

Declaration of Conformity

The Manufacturer hereby declares, at its sole responsibility, that the following product:

Product name/description:	**Telematic Control Unit**
Type/model:	**2145**
Derivative version:	**2146**
Supplementary information:	**HW/SW version of tested unit: 2145: HW H07 / SW 0810 ; 2146 : HW 008 / SW 0340 Note: in the general part number of the tested version 4C2145PCI, "P" refers to the Customer, "C" refers to HW version and "I" to SW version Note: this document is valid for all derivative versions of the Control Unit 4C2145XCY/4C2146XCY, where "X" can vary according to Market/Customer and "Y" can vary according to Product version/Software minor changes not affecting EMC, Safety or Radio parameters and performances**

is in conformity with the essential requirements of European Directive 2014/53/EU.

The product has been tested and is in conformity with the following Standards:

EMC:	**EN 301489-1 v.2.2.0, EN 301489-3 v.2.1.0, EN 301489-52 v.1.1.0**
Safety:	**EN 60950-1:2006 + A1:2010 + A11:2009 + A12:2011 +A2:2013**
Health:	**EN 62311:2008**
Radio Spectrum:	**EN 301511 v.9.0.2 , EN 300440-2 v 1.4.1, EN 300220-2 v.3.1.1**

The product is marked with the following CE marking according to European Directive 2014/53/EU.

CE

The Notified Body EMCCert Dr. Rasek GmbH with EU Identification Number 0678 performed a conformity assessment according to Annex III Module B and issued the EU Type Examination Certificate number **G110922J**.

June 8, 2017

Daniele Lucherini- Chief Financial Officer

Dario Parisi-Product Homologation Expert

Vodafone Automotive SpA

Cap. Soc. € 11.647.352,52 i.v.
C.F./P.IVA IT00407590124

automotive.vodafone.com

Direction and coordination

Wholly owned subsidiary subject to direction and coordination by Vodafone Global Enterprise Ltd.

Registered and main office

Via Astico 41
21100 Varese – Italia
T +39 0332 825 111
F +39 0332 222 005

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Declaration of Conformity

We,

Vodafone Automotive SpA
Via Astico, 41 - 21100 Varese, Italy

declare under our sole responsibility that the product:

Description:	Driver card remote for tracking system
Type/Model:	2781
Supplementary information:	HW/SW version of tested unit: HW 3T2781BAG / SW 100 Note 1: in the part number 3T2781BAG, "B" refers to the Customer, "A" refers to PCB/HW version, "G"refers to component version Note 2: this document is valid for all derivative versions of the component 3T2781XAY where "X" can vary according to Market/Customer, "Y" can vary according to revision minor changes (mechanic, SW, HW) not affecting EMC, Safety or Radio parameters and performances

is in conformity with the essential requirements of RED Directive 2014/53/EU.

The product has been tested against the following standards and specifications:

EMC :	EN 301 489-1 V2.2.0; EN 301 489-3 V2.1.0
Health:	EN 62479:2010
Safety:	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013
Radio Spectrum:	EN 300 220-2 V3.1.1

The product is marked with the following CE marking and Notified Body number according to European Directive 2014/53/EU.

CE

The Notified Body EMCCert Dr. Rasek GmbH with EU Identification Number 0678 performed a conformity assessment according to Annex III Module B and issued the EU Type Examination Certificate number G110925J.

Varese, June 12, 2017

Daniele Lucherini-Chief Financial Officer

Dario Parisi- Product Homologation Expert

Vodafone Automotive SpA

Cap. Soc. € 11.647.352,52 i.v.
C.F./P.IVA IT00407590124

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Direction and coordination

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Declaration of Conformity

We,

Vodafone Automotive SpA
Via Astico, 41 - 21100 Varese, Italy

declare under our sole responsibility that the product:

Description:	Short range transmitter for tracking unit
Type/model:	8005
Derivative model:	8015
Supplementary information:	HW/SW version of tested unit: HW 3T8005B2A- 3T8015B2A (derivative) / SW 101 Note 1: In the part number 3T8005B2A- 3T8015B2A (derivative), "1" refers to functionality for data transmission, "B" refers to the Customer, "2" refers to PCB/HW version, "A" refers to SW version Note 2: this document is valid for all derivative versions of the component 3T8005XAY/3T8015XAY where "X" can vary according to Market/Customer, "Y" can vary according to revision minor changes (mechanic, SW, HW) not affecting EMC, Safety or Radio parameters and performances

is conform to the essential requirements of the Radio Equipment Directive 2014/53/EU and was tested in accordance to the following standards:

EMC :	EN 301 489-1 V2.1.1; EN 301 489-3 V2.1.0
Health:	EN 62479:2010
Safety:	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013
Radio Spectrum:	EN 300 220-2 V3.1.1

The product is marked with the following CE marking and Notified Body number according to European Directive 2014/53/EU.

CE

The Notified Body The Notified Body EMCCert Dr. Rasek GmbH with EU Identification Number 0678 performed a conformity assessment according to Annex III Module B and issued the EU Type Examination Certificate **G110933J**.

Varese, June 23, 2017

Daniele Lucherini – Chief Finacial Officer

Gianbattista Paris- Test Laboratories Manager

Vodafone Automotive SpA

Cap. Soc. € 11.647.352,52 i.v.
C.F./P.IVA IT00407590124

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Direction and coordination

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MARQUARDT

Declaration of Conformity

We,

Company:	**Marquardt GmbH**
Name:	**Thomas Schwarz**
Street:	**Schloßstr. 16**
Location:	**78604 Rietheim-Weilheim**
Country	**Germany**
Telephone:	**+49 7424 99 0**
Fax:	**+49 7424 99 2122**
Email:	**thomas.schwarz@marquardt.de**

declare under the sole responsibility that the following product.

Type or model: **PD2**

to which this declaration relates is in conformity with the essential requirements and other relevant requirements of the RE Directive (2014/53/EU).

The product is in conformity with the following standards and/or normative documents:

Applied standards:	
EN 60950-1: 2005 (2nd Edition) + A1:2009 and **EN 60950-1: 2006 + A11:2009 + A1:2010 + AC:2011 + A12:2011**	Safety
EN 300 220-2 V3.1.1 (2017-02) **EN 300 330-2 V2.1.1 (2017-02)**	Radio
EN 301 489-1 V1.9.2 (2011-09) + **EN 301 489-3 V1.6.1 (2013-08)**	EMC

Signed for and on behalf of:

Rietheim-Weilheim, 13.06.2017

(Signature)

ppa. Thomas Schwarz Dipl.-Ing (FH)
Director Engineering Services

Declaration of Conformity

Nr.: 05-2017
in accordance with RED 2014/53/EU & ECE R10 Rev.04
We
BURY Sp. z o.o.
ul. Wojska Polskiego 4
39-300 Mielec
declare under our sole responsibility that the product:

Product type: **AppGateway**
Article number: **9P1 919 653 C; 400 919 653; 6V0 919 653 E**

to which this declaration relates is in conformity with the following European, harmonised and published standards at the date of this declaration:

EN 55032	2015-03	Electromagnetic compatibility of multimedia equipment – Emission requirements
EN 61000-4-3	2011-04	Electromagnetic compatibility (EMC) - Testing and measurement techniques - Radiated radio-frequency - Electromagnetic field immunity test
EN 61000-4-6	2014-04	Electromagnetic compatibility (EMC) – Testing and measurement techniques – Immunity to conducted disturbances induced by radio frequency fields
ISO 7637 – 2	2011-03	Road vehicles - Electrical disturbances from conduction and coupling - Part 2: Electrical transient conduction along supply lines only
EN 301 489-1 V2.1.1	2017-02	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
EN 301 489-17 V3.1.1	2017-02	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
ETSI EN 300 328 V2.1.1	2016-11	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
EN 60950-1	2011-01	Information technology equipment – Safety – General requirements
2011/65/EU	2011-07	Of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment
CISPR 25	2016-10	Vehicles, boats and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of on-board receivers

following the provisions of the council RED 2014/53/EU & ECE R10 Rev.04.

Mielec, 05.05.2017

Valid Signitur
Dipl.-Ing. Henryk Bury
CEO

BURY Sp. z o.o.
ul. Wojska Polskiego 4
39-300 Mielec/Poland
E-Mail: info@thb.pl
Internet: www.bury.com/pl/

Siedziba Firmy/Registered office:
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39-300 Mielec

Sąd Rejestrowy/Registration Office:
Sąd Rejonowy w Rzeszowie XII Wydział Gospodarczy
KRS/ JR 0000000921
NIP 817 19 17 663
PrezesFirmy/General Manager:
Dipl.-Ing. Henryk Bury

Sąd Właściwy/place of jurisdiction:
Rzeszow

Konto Bankowe/Bank Account:
BRE Bank S.A. O/Rzeszów
PLN 31114012250000233785001001
EUR PL 81114012250000233785001002
USD PL 91114012250000233785001016
SWIFT BREXP_PWRZE

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EUR PL 80124047641978000048621937
USD PL 44124047641787000048648237
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Tel.: +49 (0) 57 32/97 06-431
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F HB – 042 E

8 Control unit gateway

Continental

Interior

Continental Automotive GmbH, Siemensstraße 12, 93055 Regensburg, Germany

Josef Lohr
RF homologation
Phone: +49-941-790-8942
Fax: +49-941-790-998942
Josef.Lohr@continental-corporation.com

Date	Your message dated	Our reference	Your reference
02.05.2017		CGW F01_EU	

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

Manufacturer:	Continental Automotive GmbH
Address:	Siemensstrasse 12, D-93055 Regensburg, Germany
Product type designation:	TKCGWE20
Intended use:	Network access device

The product mentioned above complies with the essential requirements and other relevant provisions of Directive 1999/5/EC, when used for its intended purpose:

Health and safety pursuant to Art. 3(1)(a):	*Applied standard(s):* EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011+ AC:2011 + A2:2013 EN62311:2008
Electromagnetic compatibility pursuant to Art. 3(1)(b):	*Applied standard(s):* EN 301 489-1 V2.1.1 Draft EN 301 489-3 V2.1.0 Draft EN 301 489-52 V2.1.0
Efficient use of spectrum pursuant to Art. 3(2):	*Applied standard(s):* EN 301 908-1 V11.1.1 EN 301 908-2 V11.1.1 EN 301 511 V12.5.1 Draft EN 300 440-1 V2.1.1

The conformity assessment procedure has been followed in association with the Notified Body listed below:
DEKRA Testing and Certification.
The notified body issued the EU type-examination certificate: 52884CNB.001

The following marking applies to the above mentioned product: CE

Continental Automotive GmbH
Regensburg, 2017-05-02

Andreas Wolf
Executive Vice President
Body &Security

Norbert Müller
Director Research & Development
Body & Security

1/1

9 Passenger Compartment Monitoring sensor

Declaration of Conformity

We,

Vodafone Automotive SpA
Via Astico, 41 - 21100 Varese, Italy

declare under our sole responsibility that the product:

Description:	Intrusion detector for automotive application
Type/Model:	5480
Supplementary information:	HW/SW version of tested unit: HW 05 / SW 2500 Note 1: in the part number 4M5480PP00007B, first "P" refers to the Customer, second "P" refers to assembled component type. the string "00007" is a progressive internal database project number, "B"refers to component version (can be mechanic, SW, HW) Note 2: this document is valid for all derivative versions of the component 4M5480XPYYYYYZ, where "X" can vary according to Market/Customer, "Y" can vary according to progressive database project numbering, and "Z" can vary according to Product revision minor changes (mechanic, SW, HW) not affecting EMC, Safety or Radio parameters and performances

is in conformity with the essential requirements of RED Directive 2014/53/EU.

The product has been tested against the following standards and specifications:

EMC :	EN 301 489-1 V2.1.1; EN 301 489-3 V2.1.0;
Health:	EN 62479:2010
Safety:	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013
Radio Spectrum:	EN 300 440 V1.4.1

The product is marked with the following CE marking and Notified Body number according to European Directive 2014/53/EU.

CE

The Notified Body EMCCert Dr. Rasek GmbH with EU Identification Number 0678 performed a conformity assessment according to Annex III Module B and issued the EU Type Examination Certificate number **G110932J**

Varese, June 23, 2017

Daniele Lucherini-Chief Financial Officer

Gianbattista Paris- Test Laboratories Manager

Vodafone Automotive SpA

Cap. Soc. € 11.647.352,52 i.v.
C.F./P.IVA IT00407590124

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Direction and coordination

Wholly owned subsidiary subject to direction and coordination by Vodafone Global Enterprise Ltd.

Registered and main office

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21100 Varese – Italia
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10 Porsche Track Precision App (PTPA)

BURY TECHNOLOGIES

Declaration of Conformity

Nr.: 05-2017
in accordance with RED 2014/53/EU & ECE R10 Rev.04
We
BURY Sp. z o.o.
ul. Wojska Polskiego 4
39-300 Mielec
declare under our sole responsibility that the product:

Product type: **AppGateway**
Article number: **9P1 919 653 C; 400 919 653; 6V0 919 653 E**

to which this declaration relates is in conformity with the following European, harmonised and published standards at the date of this declaration:

EN 55032	2015-03	Electromagnetic compatibility of multimedia equipment – Emission requirements
EN 61000-4-3	2011-04	Electromagnetic compatibility (EMC) - Testing and measurement techniques - Radiated radio-frequency - Electromagnetic field immunity test
EN 61000-4-6	2014-04	Electromagnetic compatibility (EMC) – Testing and measurement techniques – Immunity to conducted disturbances induced by radio frequency fields
ISO 7637 – 2	2011-03	Road vehicles - Electrical disturbances from conduction and coupling - Part 2: Electrical transient conduction along supply lines only
EN 301 489-1 V2.1.1	2017-02	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
EN 301 489-17 V3.1.1	2017-02	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
ETSI EN 300 328 V2.1.1	2016-11	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
EN 60950-1	2011-01	Information technology equipment – Safety – General requirements
2011/65/EU	2011-07	Of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment
CISPR 25	2016-10	Vehicles, boats and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of on-board receivers

following the provisions of the council RED 2014/53/EU & ECE R10 Rev.04.

Mielec, 05.05.2017

Valid Signitur
Dipl.-Ing. Henryk Bury
CEO

BURY Sp. z o.o.
ul. Wojska Polskiego 4
39-300 Mielec/Poland
E-Mail: info@thb.pl
Internet: www.bury.com/pl/

Siedziba Firmy/Registered office:
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39-300 Mielec

Sąd Rejestrowy/Registration Office:
Sąd Rejonowy w Rzeszowie XII Wydział Gospodarczy
KRS/ JR 0000000921
NIP 817 19 17 663
PrezesFirmy/General Manager:
Dipl.-Ing. Henryk Bury

Sąd Właściwy/place of jurisdiction:
Rzeszow

Konto Bankowe/Bank Account:
BRE Bank S.A. O/Rzeszów
PLN 31114012250000233785001001
EUR PL 81114012250000233785001002
USD PL 91114012250000233785001016
SWIFT BREXPLPWRZE

Konto Bankowe / Bank Account:
Bank PEKAO S.A.
PLN 78124047641111000048634865
EUR PL 80124047641978000048621937
USD PL 44124047641787000048648237
SWIFT PKOPP_PW

Service:
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TÜV NORD ISO 9001 / ISO TS 16949
TÜV NORD ISO 14001

F HB – 042 E

Strona 1/1

11 Porsche Communication Management (PCM)

HARMAN
A SAMSUNG COMPANY

EC Declaration of Conformity

HARMAN BECKER
Automotive Systems GmbH
Becker-Göring-Str. 16
D-76307 Karlsbad, Germany

declares under our sole responsibility, that the product

Description of object	:	Main Unit with Bluetooth, WLAN, GPS, AM/FM/DAB, GSM/UMTS/LTE Functionality
Brand / Model Name	:	PORSCHE / MIB2 Main-Unit
Type name of system	:	**P010 / P074 / P100**

is conform to the provisions of the directives:

Directive, short title	Description, long title of the directive
2014/53/EU RED directive	**Directive 2014/53/EU** of the European Parliament and of the Council of 16 April 2014 on the harmonization of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC Text with EEA relevance. *Official Journal L 153, 22.5.2014*

Based on the evidence presented in the Technical Documentation, **TÜV Rheinland LGA Products GmbH** acting as Notified Body - **No. 0197** for the Radio Equipment Directive 2014/53/EU, verified and attested with **EU Type Examination Certificate - acc. Module B of Annex III**:

Registration number: **RT 60121036 0001**
Evaluation Report Number: **21273721 001**

that the technical design of the radio equipment meets certain essential requirements of European Directive 2014/53/EU, as indicated in more details on page 2.

Additional information about the conformity to this EU directive is listed in the Attachment. This declaration is showing the compliance to the noted directive and to other product relevant European directives. The declaration covers all devices manufactured according to the related technical documentation.

Declared by:

Mr. Simon Vögele, Product Compliance Expert

Karlsbad	29.06.2017	i.V. Simon Vögele
(Place)	**(Date)**	**(Signature)**

Mr. Frank Weikelmann, Director Qualification Europe

Karlsbad	29.06.2017	i.V. F. Weikelmann
(Place)	**(Date)**	**(Signature)**

HARMAN A SAMSUNG COMPANY	**Attachment to DoC** **Model:** **MIB2 Main-Unit** Description of Project: Porsche Headunit with Bluetooth, WLAN, GPS, AM/FM/DAB with optional GSM/UMTS/LTE Type: P010 / P074 / P100 Document version: V1.0	CE

The following requirements have been applied:

Directive reference:	Standard – Detail	Version/ Release date	Description of standard/RiLi
72/245/EEC European EMC vehicle directive	2009/19/EC	03/2009	European Vehicle EMC Directive
	ISO 7637-2	09/2004	Road vehicles -- Electrical disturbances from conduction and coupling
2014/53/EU RED directive Part 3.1a	EN 62368-1	2014 + AC 2015	Audio/video, information and communication technology equipment Safety – Requirements
	EN 60950-1	2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013	Information technology equipment - Safety - Part 1: General requirements
	EN 62311	2008	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)
	EN 62479	2010	Assessment of the compliance of low power electronic and electrical apparatus with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
2014/53/EU RED directive Part 3.1b	EN 301 489 – Part 01	2.2.0 – 2017-03 DRAFT	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
	EN 301 489 - Part 03	2.1.1 – 2017-03 Final DRAFT	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
	EN 301 489 - Part 17	3.2.0 – 2017-03 DRAFT	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems
	EN 301 489 - Part 52	1.1.0 – 2016-11 DRAFT	Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 52: Specific conditions for Cellular Communication Mobile and portable (UE) radio and ancillary equipment
2014/53/EU RED directive Part 3.2	EN 300 328	1.9.1. – 2015-02	Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques
	EN 300 328	2.1.1. – 2016-11	Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques
	EN 301 511	V9.0.2 – 2003-03 (OJ release 2017-04)	Global System for Mobile communications (GSM); Harmonized EN for mobile stations in the GSM 900 and GSM 1800 bands
	EN 301 511	V12.5.1 - 2017-03	Global System for Mobile communications (GSM); Harmonized EN for mobile stations in the GSM 900 and GSM 1800 bands
	EN 301 908 - Part 1	V6.2.1 -2013-04	IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of the R&TTE Directive; Part 1: Introduction and common requirements
	EN 301 908 - Part 1	V11.1.1 - 2016-07	IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 1: Introduction and common requirements

HARMAN A SAMSUNG COMPANY	**Attachment to DoC** **Model:** **MIB2 Main-Unit** Description of Project: Porsche Headunit with Bluetooth, WLAN, GPS, AM/FM/DAB with optional GSM/UMTS/LTE Type: P010 / P074 / P100 Document version: V1.0	CE

Directive reference:	Standard – Detail	Version/ Release date	Description of standard/RiLi
2014/53/EU RED directive Part 3.2	EN 301 908 - Part 2	V11.1.1 - 2016-07	IMT cellular networks; Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)
	EN 301 908 - Part 13	V11.1.1 - 2016-07	IMT cellular networks; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)
	EN 303 413	V1.1.0 2017-03 Draft	Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers; Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands
	EN 303 345	V1.1.7 2017-03 Final Draft	Broadcast Sound Receivers;
2000/53/EC ELV directive	2000/53/EC	09/2000	End of life vehicles (ELV)

ALPINE
Driving Mobile Media Innovation

No. AJ170070

EC Declaration of Conformity

complies with essential requirements of the Article 3 of the Radio Equipment Directive(2014/53/EU)
and the Other relevant provisions, when used for its intended purpose.

1.We, authorized representative in Europe ,

Alpine Electronics (Europe) GmbH

Wilhelm Wagenfeld Strasse 1-3, 80807 Munich, Germany

2.certify and declare under our sole responsibility that the following product(s)

2-1.Product name	Radio and Car Control Unit
2-2.Manufacturer	Alpine Electronics, Inc.
2-3.Model No.	MIB2P ZSB001 (Software Version P2248)

3.complies with the essential requirements and provisions of the following European Directives,
based on the European standards applied:

3-1.Directives	3-2.Applied Harmonized Standards	3-3.Test Report No.
EU Directives		
	EN 60950-1:2006 +A11:2009 +A12:2010 +A12:2011 +A2:2013	KTP17F01
	EN 55032:2015, EN 55024:2010, EN 55020:2007/A11:2011	F690501/RF-EMC002281
	Draft EN 303 345 V1.1.1	F690501/RF-EMC002250(G)

4.The technical documentation for this product is retained at the manufacturer's location below and our location.

4-1..Company	Alpine Electronics,INC.
4-2.Address	20-1 Yoshima Industrial Park,Iwaki,Fukushima Japan 970-1192
4-3.Phone number	81(0)246-36-4111
4-4.FAX number	81(0)246-36-6090
4-5.Manufacturer	Alpine Electronics, Inc.
4-6.Signature	Nobuyuki Ohmi
	Nobuyuki Ohmi, Manager
	Engineering Management Office
4-7.Date of issue	20-Jul-17

Notified Body involved:CSA Group Bayern GmbH (NB:1948)
EU type Examination Certificate Number: ZS 17 07 54143 001

EU DECLARATION OF CONFORMITY

No: 17/17/I/LTE-MBC-EU/01

We,

Laird Dabendorf GmbH, Märkische Strasse 72, 15806 Zossen OT Dabendorf, Germany **declare** under our sole responsibility that the product

Product Name: LTE-MBC-EU
Type: LTE-MBC-EU
Product Description: Multi Band Compensor

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)
- Directive 2011/65/EU (RoHS)

Standards:

EN 60950-1:2006+A11:2009+A1:2010+A12:2011+AC:2011+A2:2013; EN 62311:2008

EN 301 489-1 v2.2.0; EN 301 489-52 v1.1.0

EN 301 511 v9.0.2; EN 301 908-1 v11.1.1, EN 301 908-2 v11.1.1; EN 301 908-13 v11.1.1

EN 50581:2012

Supplementary information:

Software version: 0001 / 0007

Hardware version: 002 / 005

The conformity assessment procedure referred to in article 17 (3a) and detailed in annex II of Directive 2014/53/EU has been followed.

Place of Issue: Dabendorf, Germany **Date of Issue: 01 June 2017**

Laird Product Authorization:

Signature:
Name: Robert Müller
Position: Product Certification Manager

Signature:
Name: Detlev Aust
Position: VP Technology

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12 Porsche Rear Seat Entertainment (PRSE)

HARMAN
A SAMSUNG COMPANY

EC Declaration of Conformity

HARMAN BECKER
Automotive Systems GmbH
Becker-Göring-Str. 16
D-76307 Karlsbad, Germany

declares under our sole responsibility, that the product

Description of object	:	Rear Seat Entertainment
Brand / Model Name	:	Porsche / PRSE (Porsche Rear Seat Entertainment)
Type name of system	:	PRSE

is conform to the provisions of the directives:

Directive, short title	Description, long title of the directive
2014/53/EU RED directive	**Directive 2014/53/EU** of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC Text with EEA relevance. *Official Journal L 153, 22.5.2014*

Additional information about the conformity to these EU directives can be found in the Attachment.
This declaration is showing the compliance to the noted directives. The declaration contains all devices manufactured according to the related technical documentation.

Declared by:

Mr. Theo Blödt, Manager Qualification

Karlsbad	17.08.2017	i.V. Theo Blödt
(Place)	(Date)	(Signature)

Mr. Peter Radtke, Vice president & General Manager - VW Group - Sales

Karlsbad	17.08.2017	ppa
(Place)	(Date)	(Signature)

HARMAN A SAMSUNG COMPANY	**Attachment to DoC** **Model:** **PRSE** Description of Project: Rear Seat Entertainment Brand / Type: Porsche / PRSE Document version: V1.1	CE

The following requirements have been applied:

Directive reference:	Standard – Detail	Version/ Release date	Description of standard/RiLi
2014/53/EU RED directive Part 3.1a	EN 60950-1	2006 +A11:2009+A1:2010+A12:2011 + AC:2011 + A2:2013	Information of technology equipment - Safety - Part 1: General requirements
	EN 62311	2008-09	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)
2014/53/EU RED directive Part 3.1b	EN 301 489 – Part 01	2.1.1 – 2017-02	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
	EN 301 489 - Part 17	3.1.1 – 2017-02	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Broadband Data Transmission Systems
2014/53/EU RED directive Part 3.2	EN 300 328	2.1.1. – 2016-11	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques
2014/53/EU RED directive Part 3.2	EN 301 893	2.1.1. – 2017-05	5 GHz RLAN

EU Declaration of Conformity (DoC)

Name of manufacturer: **PEGATRON CORPORATION**

Adress: **5F., No.76, Ligong St., Beitou District, Taipei City 112, Taiwan**

Declares that this DoC is used under our sole responsibility that the product:

Type: **SDIS1**

Model: **SDIS1**

Intended use: **Tablet**

complies with the essential requirements of Article 3 of the Radio Equipment Directive (2014/53/EU) and the other relevant provisions, if used for its intended use and that the following standards has been applied:

1 Safety

Applied standard(s): EN 60950-1:2006 / A11:2009 / A1:2010 / A12:2011 / A2:2013 / AC:2011

2 Health

Applied standard(s): EN 50566:2013+AC:2014, EN 62209-2:2010

3 Electromagnetic compatibility

Applied standard(s): Draft EN 301 489-1 V2.2.0, Final Draft EN 301 489-3 V2.1.1
Draft EN 301 489-17 V3.2.0

4 Radio Spectrum

Applied standard(s): EN 300 328 V2.1.1, EN 301 893 V2.1.1, EN 300 330 V2.1.1
EN 300 440 V2.1.1

5 This declaration is based on

EU-type examination certificate: T818032E-01-TEC

Issued by the Notified Body CTC advanved GmbH (formerly CETECOM ICT Services GmbH) with Notified Body Number 0682

6 The Product is labelled with the CE mark:

CE

Taipei, 2017/6/22
(Place and date of the declaration of conformity)

Josef Lin, Account Manager
(Name, function and signature)

EC Declaration of Conformity

HARMAN/BECKER
Automotive Systems GmbH
Becker-Göring-Str. 16
D-76307 Karlsbad, Germany

declares under our sole responsibility, that the product

Description of object	:	Wireless Headphone with Bluetooth
Brand / Model Name	:	AKG / P102
Type name of system	:	P102, P103

is conform to the provisions of the directives:

Directive, short title	Description, long title of the directive
2014/53/EU RED directive	**Directive 2014/53/EU** of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC Text with EEA relevance. *Official Journal L 153, 22.5.2014*
2000/53/EC ELV directive	**Directive 2000/53/EC** of the European Parliament and of the Council of 18 September 2000 on end-of life vehicles - Commission Statements *Official Journal L 269 , 21/10/2000 P. 0034 - 0043*

Additional information about the conformity to these EU directives can be found in the Attachment.
This declaration is showing the compliance to the noted directives. The declaration contains all devices manufactured according to the related technical documentation.

Declared by:

Mr. Frank Weikelmann, Director Qualification Europe

Karlsbad	24.05.2017	i. V.
(Place)	**(Date)**	**(Signature)**

Mr. Roland Kohlmeyer, Senior Director Quality Europe

Karlsbad	24.05.2017	i. V.
(Place)	**(Date)**	**(Signature)**

HARMAN	**Attachment to DoC**	
	Model: **P102 / P103** Description of Project: wireless headphone with Bluetooth Brand / Type: AKG / P102 ; P103 Document version: V1.0	

The following requirements have been applied:

Directive reference:	Standard – Detail	Version/ Release date	Description of standard/RiLi
2014/53/EU RED directive Part 3.1a	EN 60950-1	2006 + A11:2009 + A1:2010	Information technology equipment - Safety - Part 1: General requirements
	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 to 300 GHz)
2014/53/EU RED directive Part 3.1b	EN 301 489 – Part 01	2.1.1 – 2017-02	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
	EN 301 489 - Part 17	3.1.1 – 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
2014/53/EU RED directive Part 3.2	EN 300 328	2.1.1. – 2016-11	Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques
2000/53/EC ELV directive	2000/53/EC	09/2000	End of life vehicles (ELV)

EC declaration of conformity

We, Manufacturer/Importer

WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3, Stanowice · 55-200 Oława · Poland

declare under our sole responsibility, that the product

Product-name: GPS Antenna

Type: AG15B (customer part number 7PP.035.504.B)

is in conformity with the requirements of the following directives:

RED-directive	2014/53/EU
RoHS-directive	2011/65/EU

For verification of conformity to the above mentioned directives, the following regulations, standards and / or technical specifications have been applied:

RED

EN 62479:2010	(Health/EMF)
EN 301489-1 V1.9.2	(EMC)
EN 301489-3 V1.6.1	(EMC)
EN 301489-19 V1.2.1	(EMC)
EN 300440 V2.1.1	(Efficient use of spectrum)

RoHS
EN 50581:2012

Issued by: WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3, Stanowice
55-200 Oława
Poland

Place, date: Niefern, 8.6.2017

Authorized signature: .....
Pierre Augstein
managing director

EC declaration of conformity

We, Manufacturer/Importer

WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3, Stanowice · 55-200 Oława · Poland

declare under our sole responsibility, that the product

Product-name: GPS Antenna

Type: AG25A (customer part number 9P1.035.504.A)

is in conformity with the requirements of the following directives:

RED-directive	2014/53/EU
RoHS-directive	2011/65/EU

For verification of conformity to the above mentioned directives, the following regulations, standards and / or technical specifications have been applied:

RED

EN 62479:2010	(Health/EMF)
EN 301489-1 V1.9.2	(EMC)
EN 301489-3 V1.6.1	(EMC)
EN 301489-19 V1.2.1	(EMC)
EN 300440 V2.1.1	(Efficient use of spectrum)

RoHS
EN 50581:2012

Issued by: WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3, Stanowice
55-200 Oława
Poland

Place, date: Niefern, 8.6.2017

Authorized signature: .....
Pierre Augstein
managing director

EC declaration of conformity

We, Manufacturer/Importer

WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3, Stanowice · 55-200 Oława · Poland

declare under our sole responsibility, that the product

Product-name: GPS Antenna

Type: AG25P (customer part number 991.647.053.01)

is in conformity with the requirements of the following directives:

RED-directive	2014/53/EU
RoHS-directive	2011/65/EU

For verification of conformity to the above mentioned directives, the following regulations, standards and / or technical specifications have been applied:

RED

EN 62479:2010	(Health/EMF)
EN 301489-1 V1.9.2	(EMC)
EN 301489-3 V1.6.1	(EMC)
EN 301489-19 V1.2.1	(EMC)
EN 300440 V2.1.1	(Efficient use of spectrum)

RoHS
EN 50581:2012

Issued by: WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3, Stanowice
55-200 Oława
Poland

Place, date: Niefern, 8.6.2017

Authorized signature: .....
Pierre Augstein
managing director

EC declaration of conformity

We, Manufacturer/Importer

WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3, Stanowice · 55-200 Oława · Poland

declare under our sole responsibility, that the product

Product-name: GPS/GLONASS Antenna

Type: AG27P (customer part number 9P1.035.504)

is in conformity with the requirements of the following directives:

RED-directive	2014/53/EU
RoHS-directive	2011/65/EU

For verification of conformity to the above mentioned directives, the following regulations, standards and / or technical specifications have been applied:

RED

EN 62479:2010	(Health/EMF)
EN 301489-1 V1.9.2	(EMC)
EN 301489-3 V1.6.1	(EMC)
EN 301489-19 V1.2.1	(EMC)
EN 300440 V2.1.1	(Efficient use of spectrum)

RoHS
EN 50581:2012

Issued by: WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3, Stanowice
55-200 Oława
Poland

Place, date: Niefern, 8.6.2017

Authorized signature: .....
Pierre Augstein
managing director

EC declaration of conformity

We, Manufacturer/Importer

WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3, Stanowice · 55-200 Oława · Poland

declare under our sole responsibility, that the product

Product-name: GPS/GLONASS Antenna

Type: AG121GL (customer part number 95B.035.500)

is in conformity with the requirements of the following directives:

RED-directive	2014/53/EU
RoHS-directive	2011/65/EU

For verification of conformity to the above mentioned directives, the following regulations, standards and / or technical specifications have been applied:

RED

EN 62479:2010	(Health/EMF)
EN 301489-1 V1.9.2	(EMC)
EN 301489-3 V1.6.1	(EMC)
EN 301489-19 V1.2.1	(EMC)
EN 300440 V2.1.1	(Efficient use of spectrum)

RoHS
EN 50581:2012

Issued by: WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3, Stanowice
55-200 Oława
Poland

Place, date: Niefern, 8.6.2017

Authorized signature: .....
Pierre Augstein
managing director

EC declaration of conformity

We, Manufacturer/Importer

WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3, Stanowice · 55-200 Oława · Poland

declare under our sole responsibility, that the product

Product-name: GPS Antenna

Type: AG121H (customer part number 95B.907.245.A)

is in conformity with the requirements of the following directives:

RED-directive	2014/53/EU
RoHS-directive	2011/65/EU

For verification of conformity to the above mentioned directives, the following regulations, standards and / or technical specifications have been applied:

RED

EN 62479:2010	(Health/EMF)
EN 301489-1 V1.9.2	(EMC)
EN 301489-3 V1.6.1	(EMC)
EN 301489-19 V1.2.1	(EMC)
EN 300440 V2.1.1	(Efficient use of spectrum)

RoHS
EN 50581:2012

Issued by: WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3, Stanowice
55-200 Oława
Poland

Place, date: Niefern, 8.6.2017

Authorized signature: .....
Pierre Augstein
managing director

EC declaration of conformity

We, Manufacturer/Importer

WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3, Stanowice · 55-200 Oława · Poland

declare under our sole responsibility, that the product

Product-name: GPS Antenna

Type: AG123G (customer part number 7P5.035.500.B)

is in conformity with the requirements of the following directives:

RED-directive	2014/53/EU
RoHS-directive	2011/65/EU

For verification of conformity to the above mentioned directives, the following regulations, standards and / or technical specifications have been applied:

RED

EN 62479:2010	(Health/EMF)
EN 301489-1 V1.9.2	(EMC)
EN 301489-3 V1.6.1	(EMC)
EN 301489-19 V1.2.1	(EMC)
EN 300440 V2.1.1	(Efficient use of spectrum)

RoHS
EN 50581:2012

Issued by: WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3, Stanowice
55-200 Oława
Poland

Place, date: Niefern, 8.6.2017

Authorized signature: .....
Pierre Augstein
managing director

EC declaration of conformity

We, Manufacturer/Importer

WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3, Stanowice · 55-200 Oława · Poland

declare under our sole responsibility, that the product

Product-name: GPS/GLONASS Antenna

Type: AG123GL (customer part number 7P5.035.500.D)

is in conformity with the requirements of the following directives:

RED-directive	2014/53/EU
RoHS-directive	2011/65/EU

For verification of conformity to the above mentioned directives, the following regulations, standards and / or technical specifications have been applied:

RED

EN 62479:2010	(Health/EMF)
EN 301489-1 V1.9.2	(EMC)
EN 301489-3 V1.6.1	(EMC)
EN 301489-19 V1.2.1	(EMC)
EN 300440 V2.1.1	(Efficient use of spectrum)

RoHS
EN 50581:2012

Issued by: WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3. Stanowice
55-200 Oława
Poland

Place, date: Niefern, 8.6.2017

Authorized signature: .....
Pierre Augstein
managing director

EC declaration of conformity

We, Manufacturer/Importer

WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3, Stanowice · 55-200 Oława · Poland

declare under our sole responsibility, that the product

Product-name: GPS Antenna

Type: AG124G (customer part number 971.035.500)

is in conformity with the requirements of the following directives:

RED-directive	2014/53/EU
RoHS-directive	2011/65/EU

For verification of conformity to the above mentioned directives, the following regulations, standards and / or technical specifications have been applied:

RED

EN 62479:2010	(Health/EMF)
EN 301489-1 V1.9.2	(EMC)
EN 301489-3 V1.6.1	(EMC)
EN 301489-19 V1.2.1	(EMC)
EN 300440 V2.1.1	(Efficient use of spectrum)

RoHS
EN 50581:2012

Issued by: WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3, Stanowice
55-200 Oława
Poland

Place, date: Niefern, 8.6.2017

Authorized signature: .....
Pierre Augstein
managing director

EC declaration of conformity

We, Manufacturer/Importer

WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3, Stanowice · 55-200 Oława · Poland

declare under our sole responsibility, that the product

Product-name: GPS/GLONASS Antenna

Type: AG124GL (customer part number 971.035.500.A)

is in conformity with the requirements of the following directives:

RED-directive	2014/53/EU
RoHS-directive	2011/65/EU

For verification of conformity to the above mentioned directives, the following regulations, standards and / or technical specifications have been applied:

RED

EN 62479:2010	(Health/EMF)
EN 301489-1 V1.9.2	(EMC)
EN 301489-3 V1.6.1	(EMC)
EN 301489-19 V1.2.1	(EMC)
EN 300440 V2.1.1	(Efficient use of spectrum)

RoHS
EN 50581:2012

Issued by: WISI Automotive Polska Sp. z o.o.Sp.K.
ul. Lesna 3, Stanowice
55-200 Oława
Poland

Place, date: Niefern, 8.6.2017

Authorized signature: .....
Pierre Augstein
managing director

Hirschmann Car Communication
A VOXX INTERNATIONAL COMPANY

EG Konformitätserklärung
EC declaration of conformity

Hirschmann Car Communication GmbH
Stuttgarter Strasse 45-51
D-72654 Neckartenzlingen

Dokument-Nr.: 2017/004Ne
Document No.:

Produktbezeichnung: Broadcast Amplifier 920-460-379_380_384_388_392
Type of product: Produkte siehe Beiblatt, Products see supplementary sheet

Hiermit erklären wir, dass die o.g Produkte den Vorschriften folgender Europäischer Richtlinien entsprechen:
Herewith we declare that the above mentioned products are in accordance with the following council directives of the EC:

RED Radio Equipment Directive 2014/53/EU

Angewandte Normen und Verfahren:
Applied norms and rules of procedure:

Article 3.1a Safety
EN 62368-1: 2016-05

Article 3.1b EMC
EN 301 489-1 V2.1.1:2017-02
EN 55 032 2016-02
EN 61 000 -4 -2

Article 3.2 Radio
ES 202 056 V1.1.1:2005-01
EU-Type Examination 17-110981b
Notified Body 0700 Phoenix Testlab GmbH

Neckartenzlingen, 09.06.2017
Ort, Datum / *place, date*

Rechtsverbindliche Unterschrift / Firmenstempel:
Legally binding signature / Firm's stamp:

ppa. Gerhard Over
Head of Business Unit Automotive

i.A. Fadi Al-Masri
Quality and Environmental Management

Die Anhänge sind Bestandteil dieser Erklärung.
Diese Erklärung bescheinigt die Übereinstimmung mit den genannten Richtlinien, beinhaltet jedoch keine Zusicherung von Eigenschaften.
Die Sicherheitshinweise der mitgelieferten Produktdokumentation sind zu beachten.

The annexes are integral parts of this declaration.
This declaration certify the conformity to the aforesaid Council Directives, but does not contain any undertaking as to quality.
The security instructions contained in the supplied product documentation must be adheared to.

Form: Konformitätserklärung HCC rev: 03 / 01.12.2012 Seite 1

Hirschmann Car Communication
A VOXX INTERNATIONAL COMPANY

EG Konformitätserklärung
EC declaration of conformity

Hirschmann Car Communication GmbH
Stuttgarter Strasse 45-51
D-72654 Neckartenzlingen

Dokument-Nr. / *Document No.:* 2017/004Ne

Produkt Liste / Product list:

920-460-079 LV03 SV03
920-460-379 LV03 SV03
920-460-380 LV03 SV03
920-460-384 LV03 SV03
920-460-388 LV03 SV03
920-460-392 LV03 SV03
920-460-080 LV03 SV03
920-460-084 LV03 SV03
920-460-088 LV03 SV03
920-460-092 LV03 SV03

920-437-047 LV3 SV6
920-437-046 LV3 SV5
920-437-346 LV3 SV5
920-437-347 LV3 SV6

920-441-017 LV3 SV6
920-441-217 LV3 SV6

Hirschmann Car Communication
A **VOXX** INTERNATIONAL COMPANY

EG Konformitätserklärung
EC declaration of conformity

Hirschmann Car Communication GmbH
Stuttgarter Strasse 45-51
D-72654 Neckartenzlingen

Dokument-Nr.: 2017/0009Ne
Document No.:

Produktbezeichnung: *Broadcast Amplifier 920286352*
Type of product: Produkte siehe Beiblatt, Products see supplementary sheet

Hiermit erklären wir, dass die o.g Produkte den Vorschriften folgender Europäischer Richtlinien entsprechen:
Herewith we declare that the above mentioned products are in accordance with the following council directives of the EC:

RED Radio Equipment Directive 2014/53/EU

Angewandte Normen und Verfahren:
Applied norms and rules of procedure:

Article 3.1a Safety
EN 62368-1: 2016-05

Article 3.1b EMC
EN 301 489-1 V2.1.1:2017-02
EN 55 032 2016-02
EN 61 000 -4 -2

Article 3.2 Radio
ES 202 056 V1.1.1:2005-01
EU-Type Examination 17-111217-920-286-352a
Notified Body 0700 Phoenix Testlab GmbH

Neckartenzlingen, 08.06.2017
Ort, Datum / *place, date*

Rechtsverbindliche Unterschrift / Firmenstempel:
Legally binding signature / Firm's stamp:

ppa. Gerhard Over
Head of Business Unit Automotive

i.A. Fadi Al-Masri
Quality and Environmental Management

Die Anhänge sind Bestandteil dieser Erklärung.
Diese Erklärung bescheinigt die Übereinstimmung mit den genannten Richtlinien, beinhaltet jedoch keine Zusicherung von Eigenschaften.
Die Sicherheitshinweise der mitgelieferten Produktdokumentation sind zu beachten.

The annexes are integral parts of this declaration.
This declaration certify the conformity to the aforesaid Council Directives, but does not contain any undertaking as to quality.
The security instructions contained in the supplied product documentation must be adhered to.

Hirschmann Car Communication
A VOXX INTERNATIONAL COMPANY

EG Konformitätserklärung
EC declaration of conformity

Hirschmann Car Communication GmbH
Stuttgarter Strasse 45-51
D-72654 Neckartenzlingen

Dokument-Nr. / *Document No.:* 2017/009Ne

Produkt Liste / Product list:

		LV	SV
920286313	920286002	3	5
920286323	920286005	3	3
920286343	920286009	3	5
920286362	920286015	3	8
920460003	920460303	3	5
920460009		3	2
920460018	920460318	3	1
920460025	920460325	3	1
920460028	920460328	3	1
920460042	920460342	3	5
920460047	920460347	3	5
920460069	920460369	3	2
920437003	920437303	3	2
920437035	920437335	3	2
920437023	920437323	3	2
920286351	920286010	03	06
920286352	920286011	03	06
920286353	920286012	3	6
920286354	920286013	03	04

Hirschmann Car Communication
A VOXX INTERNATIONAL COMPANY

EG Konformitätserklärung
EC declaration of conformity

Hirschmann Car Communication GmbH
Stuttgarter Strasse 45-51
D-72654 Neckartenzlingen

Dokument-Nr.: 2017/014Ne
Document No.:

Produktbezeichnung: *Broadcast Amplifier VAG_724497005*
Type of product: Produkte siehe Beiblatt, Products see supplementary sheet

Hiermit erklären wir, dass die o.g Produkte den Vorschriften folgender Europäischer Richtlinien entsprechen:
Herewith we declare that the above mentioned products are in accordance with the following council directives of the EC:

RED Radio Equipment Directive 2014/53/EU

Angewandte Normen und Verfahren:
Applied norms and rules of procedure:

Article 3.1a Safety
EN 62368-1: 2016-05

Article 3.1b EMC
EN 301 489-1 V2.1.1:2017-02
EN 55 032 2016-02
EN 61 000 -4 -2

Article 3.2 Radio
ES 202 056 V1.1.1:2005-01
EU-Type Examination 17-111217-920-460-006
Notified Body 0700 Phoenix Testlab GmbH

Neckartenzlingen, 07.06.2017
Ort, Datum / *place, date*

Rechtsverbindliche Unterschrift / Firmenstempel:
Legally binding signature / Firm's stamp:

ppa. Gerhard Over
Head of Business Unit Automotive

i.A. Fadi Al-Masri
Quality and Environmental Management

Die Anhänge sind Bestandteil dieser Erklärung.
Diese Erklärung bescheinigt die Übereinstimmung mit den genannten Richtlinien, beinhaltet jedoch keine Zusicherung von Eigenschaften.
Die Sicherheitshinweise der mitgelieferten Produktdokumentation sind zu beachten.

The annexes are integral parts of this declaration.
This declaration certify the conformity to the aforesaid Council Directives, but does not contain any undertaking as to quality.
The security instructions contained in the supplied product documentation must be adhered to.

EG Konformitätserklärung
EC declaration of conformity

Hirschmann Car Communication GmbH
Stuttgarter Strasse 45-51
D-72654 Neckartenzlingen

Dokument-Nr. / *Document No.:* 2017/014Ne

Produkt Liste / Product list:

		LV	SV
920286318	920286003	4	8
920460016		4	1
920460052	920460352	4	1
920406001	920406010	4	1

Hirschmann Car Communication
A VOXX INTERNATIONAL COMPANY

EG Konformitätserklärung
EC declaration of conformity

Hirschmann Car Communication GmbH
Stuttgarter Strasse 45-51
D-72654 Neckartenzlingen

Dokument-Nr.: 2017/029Ne
Document No.:

Produktbezeichnung: *Broadcast Amplifier VAG_724791001*
Type of product: Produkte siehe Beiblatt, Products see supplementary sheet

Hiermit erklären wir, dass die o.g Produkte den Vorschriften folgender Europäischer Richtlinien entsprechen:
Herewith we declare that the above mentioned products are in accordance with the following council directives of the EC:

RED Radio Equipment Directive 2014/53/EU

Angewandte Normen und Verfahren:
Applied norms and rules of procedure:

Article 3.1a Safety
EN 62368-1: 2016-05

Article 3.1b EMC
EN 301 489-1 V2.1.1:2017-02
EN 55 032 2016-02
EN 61 000 -4 -2

Article 3.2 Radio
ES 202 056 V1.1.1:2005-01
EU-Type Examination 17-111217-920-423-001a
Notified Body 0700 Phoenix Testlab GmbH

Neckartenzlingen, 09.06.2017
Ort, Datum / *place, date*

Rechtsverbindliche Unterschrift / Firmenstempel:
Legally binding signature / Firm's stamp:

ppa. Gerhard Over
Head of Business Unit Automotive

i.A. Fadi Al-Masri
Quality and Environmental Management

Die Anhänge sind Bestandteil dieser Erklärung.
Diese Erklärung bescheinigt die Übereinstimmung mit den genannten Richtlinien, beinhaltet jedoch keine Zusicherung von Eigenschaften.
Die Sicherheitshinweise der mitgelieferten Produktdokumentation sind zu beachten.

The annexes are integral parts of this declaration.
This declaration certify the conformity to the aforesaid Council Directives, but does not contain any undertaking as to quality.
The security instructions contained in the supplied product documentation must be adhered to.

Hirschmann Car Communication
A VOXX INTERNATIONAL COMPANY

EG Konformitätserklärung
EC declaration of conformity

Hirschmann Car Communication GmbH
Stuttgarter Strasse 45-51
D-72654 Neckartenzlingen

Dokument-Nr. / *Document No.:* 2017/029Ne

Produkt Liste / Product list:

920423001 LV02 SV02
920437001 LV02 SV03
920437021 LV02 SV03
920437044 LV02 SV03
920437033 LV02 SV01
920441011 LV02 SV03
920423011 LV02 SV02
920437301 LV02 SV03
920437321 LV02 SV03
920437344 LV02 SV01
920437333 LV02 SV03
920441211 LV02 SV03

Hirschmann Car Communication
A VOXX INTERNATIONAL COMPANY

EG Konformitätserklärung
EC declaration of conformity

Hirschmann Car Communication GmbH
Stuttgarter Strasse 45-51
D-72654 Neckartenzlingen

Dokument-Nr.: 2017/035Ne
Document No.:

Produktbezeichnung: *Broadcast Amplifier VAG_ 724791007*
Type of product: Produkte siehe Beiblatt, Products see supplementary sheet

Hiermit erklären wir, dass die o.g Produkte den Vorschriften folgender Europäischer Richtlinien entsprechen:
Herewith we declare that the above mentioned products are in accordance with the following council directives of the EC:

RED Radio Equipment Directive 2014/53/EU

Angewandte Normen und Verfahren:
Applied norms and rules of procedure:

Article 3.1a Safety
EN 62368-1: 2016-05

Article 3.1b EMC
EN 301 489-1 V2.1.1:2017-02
EN 55 032 2016-02
EN 61 000 -4 -2

Article 3.2 Radio
ES 202 056 V1.1.1:2005-01
EU-Type Examination 17-1112117-920-437-005
Notified Body 0700 Phoenix Testlab GmbH

Neckartenzlingen, 07.06.2017
Ort, Datum / *place, date*

Rechtsverbindliche Unterschrift / Firmenstempel:
Legally binding signature / Firm's stamp:

ppa. Gerhard Over
Head of Business Unit Automotive

i.A. Fadi Al-Masri
Quality and Environmental Management

Die Anhänge sind Bestandteil dieser Erklärung.
Diese Erklärung bescheinigt die Übereinstimmung mit den genannten Richtlinien, beinhaltet jedoch keine Zusicherung von Eigenschaften.
Die Sicherheitshinweise der mitgelieferten Produktdokumentation sind zu beachten.

The annexes are integral parts of this declaration.
This declaration certify the conformity to the aforesaid Council Directives, but does not contain any undertaking as to quality.
The security instructions contained in the supplied product documentation must be adhered to.

Form: Konformitätserklärung HCC rev: 03 / 01.12.2012 Seite 1

Hirschmann Car Communication
A **VOXX** INTERNATIONAL COMPANY

EG Konformitätserklärung
EC declaration of conformity

Hirschmann Car Communication GmbH
Stuttgarter Strasse 45-51
D-72654 Neckartenzlingen

Dokument-Nr. / *Document No.:* 2017/035Ne

Produkt Liste / Product list:

920437005	*920437305*	*LV02*	*SV04*
920437037	*920437337*	*LV01*	*SV04*

Hirschmann Car Communication
A **VOXX** INTERNATIONAL COMPANY

EG Konformitätserklärung
EC declaration of conformity

Hirschmann Car Communication GmbH
Stuttgarter Strasse 45-51
D-72654 Neckartenzlingen

Dokument-Nr.: 2017/0036Ne
Document No.:

Produktbezeichnung: *Broadcast Amplifier VAG_724791008*
Type of product: Produkte siehe Beiblatt, Products see supplementary sheet

Hiermit erklären wir, dass die o.g Produkte den Vorschriften folgender Europäischer Richtlinien entsprechen:
Herewith we declare that the above mentioned products are in accordance with the following council directives of the EC:

RED Radio Equipment Directive 2014/53/EU

Angewandte Normen und Verfahren:
Applied norms and rules of procedure:

Article 3.1a Safety
EN 62368-1: 2016-05

Article 3.1b EMC
EN 301 489-1 V2.1.1:2017-02
EN 55 032 2016-02
EN 61 000 -4 -2

Article 3.2 Radio
ES 202 056 V1.1.1:2005-01
EU-Type Examination 17-1112117-920-437-029
Notified Body 0700 Phoenix Testlab GmbH

Neckartenzlingen, 07.06.2017
Ort, Datum / *place, date*

Rechtsverbindliche Unterschrift / Firmenstempel:
Legally binding signature / Firm's stamp:

ppa. Gerhard Over
Head of Business Unit Automotive

i.A. Fadi Al-Masri
Quality and Environmental Management

Die Anhänge sind Bestandteil dieser Erklärung.
Diese Erklärung bescheinigt die Übereinstimmung mit den genannten Richtlinien, beinhaltet jedoch keine Zusicherung von Eigenschaften.
Die Sicherheitshinweise der mitgelieferten Produktdokumentation sind zu beachten.

The annexes are integral parts of this declaration.
This declaration certify the conformity to the aforesaid Council Directives, but does not contain any undertaking as to quality.
The security instructions contained in the supplied product documentation must be adhered to.

Hirschmann Car Communication
A VOXX INTERNATIONAL COMPANY

EG Konformitätserklärung
EC declaration of conformity

Hirschmann Car Communication GmbH
Stuttgarter Strasse 45-51
D-72654 Neckartenzlingen

Dokument-Nr. / *Document No.:* 2017/0036Ne

Produkt Liste / Product list:

920437029 LV02 SV03
920437329 LV02 SV03

CE

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

Hersteller / *Manufacturer*:	**KATHREIN Automotive GmbH**
Anschrift / *Address*:	**Römerring 1** **31137 Hildesheim**
Produktbezeichnung / *Product*:	**Amplifier**

Typenbezeichnung / *Type:*
Bestellnummer / *Article number*:

AM/FM1/DAB2 RdW AGC	**760 035 577 T**
DAB AGC	**9Y0 035 225 J**
FM AGC	**9Y0 035 225 C**
AM/FM/FZV AGC	**9Y0 035 225 A**
AM/FM/DAB/FZV AGC	**9Y0 035 225 N**
DAB RdW	**760 035 577 S**
FM2 RdW	**760 035 577 A**
AM/FM1 RdW	**760 035 577**
FM2 RDW (no AGC)	**6F9 035 225**
FM2 RDW (no AGC)	**6F0 035 225**
FM2 RDW (AGC)	**57A 035 577 A**
AM/FM RDW	**57A 035 577**

Die **KATHREIN Automotive GmbH** bestätigt hiermit, dass das bezeichnete Produkt mit den folgenden Richtlinien zur Angleichung der Rechtsvorschriften übereinstimmt.

*The **KATHREIN Automotive GmbH** hereby confirm that the designated product complies with the following directives on the harmonisation of the laws.*

- Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws.

  Health and safety pursuant to Art. 3(1) a): Angewendete Normen / *Applied standards*:
  EN 60950-1:2006+A11:2009+A1:2010+ AC:2011+A12:2011+A2:2013

  Electromagnetic compatibility pursuant to Art. 3(1) b): Angewendete Normen / *Applied standards*:
  EN 301 489-1 V1.9.2 (2011-09)

Efficient use of spectrum pursuant to Art. 3(2): Angewendete Normen / *Applied standards*:
EN 202 056 V1.1.1 (adopted)

- RoHS (2011/65/EU vom 08.06.2011)
  Folgende Normen werden eingehalten / *Applied harmonised standards*:
  EN 50581: 2012

Entwicklung, Produktion, Qualitätssicherung und Vertrieb basieren auf der Norm ISO/TS 16949.
Development, production, quality assurance and marketing are based on the standard ISO/TS 16949.

Das in Artikel 17 der Richtlinie 2014/53/EU genannte Verfahren zur Konformitätsbewertung, detailliert beschrieben im Anhang III, wurde unter Einbeziehung der folgenden notifizierten Stelle durchgeführt:

CSA Group Bayern GmbH, Ohmstrasse 1-4, 94342 Strasskirchen, Germany,
Notified Body Nummer: **1948**

Die notifizierte Stelle hat folgende EG-Baumusterprüfbescheinigung ausgestellt:
ZS 17 06 54004 003

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

CSA Group Bayern GmbH, Ohmstrasse 1-4, 94342 Strasskirchen, Germany,
Notified Body number: **1948**

The notified body has issued the EU type-examination certificate:
ZS 17 06 54004 003

Ort, Datum: Hildesheim, den 08.06.2017
Place, Date:

Rechtsverbindliche Unterschrift:
Binding signature:

Michael Heise / CEO