



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. <i>Official Journal L 153, 22.5.2014</i>

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
(Place)

29.06.2017
(Date)




i.v. Simon Vögele
(Signature)

Mr. Frank Weikemann, Director Qualification Europe

Karlsbad
(Place)




29.06.2017
(Date)

i.v. Frank Weikemann
(Signature)

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

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

	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	

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)