



UK - 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 : Automotive Telematic control unit for automotive with wireless technologies
Brand / Model Name : BMW / WAVE-11-HIGH-R2
Type name of system : B393

is conform to the provisions of the regulations:

Regulation, short title	Description, long title of the regulation
SI 2017 No. 1206	Radio Equipment Regulations 2017

Based on the evidence presented in the Technical Documentation, **Element Materials Technology Warwick Ltd** acting as **Certification Body (UK CB) - No. 0891** for the Radio Equipment Regulation **SI 2017 No. 1206**, verified and attested with **Type Examination Certificate - acc. Module B of SCHEDULE 3**:
Registration number: **EMA22RER0059**
that the technical design of the radio equipment meets certain essential requirements of **Radio Equipment Regulations 2017**, as indicated in more details on page 2.

This declaration is showing the compliance to the noted regulations and to other product relevant regulations. The declaration covers all devices manufactured according to the related technical documentation.

Declared by:

Mr. Simon Vögele, Product Compliance Expert

Global Certifications, System Test & Validation / HW Validation and Certs

Karlsbad
(Place)

04.05.2021
(Date)

i. V. Simon Vögele

(Signature)

Mr. Frank Weikelmann, Director

Global Certifications, System Test & Validation / HW Validation and Certs

Karlsbad
(Place)

04.05.2021
(Date)

i. V. F. Weikelmann

(Signature)



Attachment to UK DoC

Model: WAVE-11-HIGH-R2
Customer: BMW
Description of Project: Telematic Control Unit
Type: B393
Document version: V1.0



The following requirements have been applied:

Directive reference:	Standard – Detail	Version/ Release date	Description of standard/RiLi
Chapter 1, clause 6-1 a.	EN 62368-1	2014 + AC:2015 + A11:2017	Audio/video, information and communication technology equipment Safety – Requirements
	EN 62311	2020	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)
	EN 62209 – 2	2010 + A1:2019	Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures - Part 2: Procedure to determine the specific absorption rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)
	EN 50566	2017	Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body
Chapter 1, clause 6-1 b.	EN 301 489 – Part 01	2.2.3	Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
	Draft EN 301 489 - Part 19	2.2.0	Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications and GNSS receivers operating in the RNSS band (ROGNSS) providing positioning, navigation, and timing data
	Draft EN 301 489 - Part 52	1.1.2	Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 52: Specific conditions for Cellular Communication Mobile and portable (UE) radio and ancillary equipment.
Chapter 1, clause 6-2	EN 301 511	12.5.1	Global System for Mobile communications (GSM); Mobile Stations (MS) equipment; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
	EN 301 908 – Part 01	13.1.1	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 1: Introduction and common requirements
	EN 301 908 - Part 02	13.1.1	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 2:
	EN 301 908 - Part 13	13.1.1	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 13:
	Draft EN 301 908- Part 25	15.1.1_15.0.3	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 25:
	EN 303 413	1.2.1	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; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU