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	:	Telematic Control Unit used in automotive industry
Brand / Model Name	:	VOLVO / TCAM2
Type name of system	:	L172

is conform to the provisions of the regulations:

Regulation, short title	Description, long title of the directive
SI 2017 No. 1206	**The Radio Equipment Regulations 2017 (SI 2017 No. 1206)**

Based on the evidence presented in the Technical Documentation, **DEKRA Testing and Certification, S.A.U.** acting as Notified Body – No. **No. 1909** for the Radio Equipment Directive 2014/53/EU, verified and attested with **Type Examination Certificate - acc. Module B of SCHEDULE 3:**

Registration number: **68365RNB.001**

that the technical design of the radio equipment meets certain essential requirements of **Radio Equipment Regulation 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. Mihail Mandru, Product Compliance Expert
Global Certifications, System Test & Validation / HW Validation and Certs

Karlsbad	08.05.2023	i. V.
(Place)	**(Date)**	**(Signature)**

Mr. Ionut Ionita, Product Compliance Expert
Global Certifications, System Test & Validation / HW Validation and Certs

Karlsbad	08.05.2023	i. V.
(Place)	**(Date)**	**(Signature)**

HARMAN A SAMSUNG COMPANY	**Attachment to UK DoC** **Model:** **TCAM2** Customer: VOLVO Description of Project: Telematic Control Unit Type: L172 Document version: V1.0	UKCA

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 +AC 2017+A11 2017	Audio/video, information, and communication technology equipment Safety – Requirements
	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 (EMC) standard for radio equipment and services; Part 1: Common technical requirements
	EN 301 489 – Part 03	2.3.2	Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz; Harmonised Standard for Electromagnetic Compatibility.
	Draft EN 301 489 - Part 17	3.2.5	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems
	EN 301 489 - Part 19	2.2.1	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
	EN 301 489 - Part 52	1.2.1	Electromagnetic Compatibility (EMC) standard for radio equipment and services. Part 52: Specific conditions for Cellular Communication Mobile and portable (UE) radio and ancillary equipment.
	EN 55032	(2015)/A11 (2020)	Electromagnetic compatibility of multimedia equipment - Emission requirements.
	EN 55035	(2017)/A11 (2020)	Electromagnetic compatibility of multimedia equipment - Immunity requirements.
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 300 328	2.2.2	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum.
	EN 301 908-1	15.1.1	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 1: Introduction and common requirements
	EN 301 908 - 2	13.1.1	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 2:
	EN 301 908 - 13	13.1.1	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 13:
	EN 301 908 - 25	15.1.1_15.0.3 DRAFT	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
	EN 300 220-1	3.1.1	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 1. Technical characteristics and methods of measurement
	EN 300 220-2	3.1.1	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 2. Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU for nonspecific radio equipment.