



## EC Declaration of Conformity

Harman International Industries, Incorporated  
30001 Cabot Drive  
Novi, MI 48377 USA

declares under our sole responsibility, that the product

**Description of object** : Automotive infotainment unit with Bluetooth/WiFi/GPS  
**Brand / Model Name** : R1 EXT ER; R1 INT ER; R1 EXT RW

is conform to the provisions of the directives:

Directive, short title	Description, long title of the directive
2014/53/EU RED directive	<b>Directive 2014/53/EU</b> 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>

**Additional information about the conformity to these EU directives listed 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.

The product has been examined by the notified body (*Bureau Veritas*) and issued the EU-type examination certificate:

- CS29284
- CS29288
- CS29290

**Declared by:**

Mark Bowman, Regulatory Compliance Engineer



Novi

(Place)

30-Mar-2020

(Date)

(Signature)

	<b>Attachment to DoC</b>		
	<b>Model:</b> Description of Project: Document version:	<b>R1 EXT ER; R1 INT ER;  R1 EXT RW</b> Automotive Infotainment unit with Bluetooth and WiFi 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	IEC 60950-1:2005 (Second Edition) + AMD1:2009 + AMD2:2013 EN 60950-1: 2006/A2: 2013	Information technology equipment – Safety
	EN 62311	2008-9	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)
	EN 62368-1	IEC 62368-1:2014(Second Edition) EN 62368-1:2014+A11:2017 Audio/Video, Information and communication technology equipment Article 1: Safety Requirements "	Information technology equipment – Safety
2014/53/EU RED directive Part 3.1b	EN 301 489 - 1	v2.2.0 ( 2 0 1 7 - 0 3 )	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Article 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 – 3	2.1.1 02/2017	Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz
	EN 301 489 - 19	v1.2.1 ( 2 0 0 2 - 1 1 )	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services: Article 19: Specific conditions for Receive Only Mobile Earth Station (ROMES) operating in the 1.5GHz band providing data communications.
	EN 301 489 - 17	v3.2.0 ( 2 0 1 7 - 0 3 )	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Article 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
	EN 55035	2012-10	Electromagnetic compatibility of multimedia equipment – Immunity requirements
	EN 55032	2012-12	Electromagnetic compatibility of multimedia equipment – Emission requirements
2014/53/EU RED directive Part 3.2	EN 300 328	v2.1.1 ( 2 0 1 6 - 1 1 )	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 300 440-1	v2.1.1 ( 2 0 1 7 - 0 3 ) v4.2.4 4.3.5	Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

2014/53/EU RED directive Article 3.2	EN 300 440-2	v2.1.1 (2017-03)	Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
	EN 303 345	V1.1.7 2017-03	Broadcast Sound Receivers; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
	EN 303 413	V1.1.1 2017-06	Global Navigation Satellite System (GNSS) receivers
	EN 301 893	V2.1.1. (2017-05)	5 GHz RLAN
	EN 302 502	V2.1.1 (2017-03)	Wireless Access Systems (WAS); 5,8 GHz fixed broadband data transmitting systems