



SMART TECHNOLOGY FOR SMARTER MOBILITY

EU Declaration of Conformity

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

We,
address

Valeo Schalter & Sensoren GmbH
Laiernstrasse 12,
74321 Bietigheim-Bissingen,
Germany

declare under our sole responsibility, that the product

Mid Range Device 77GHz Automotive Radar
Model: MCR1
Purpose: Automotive Usage - Driving Assistance - Objects detection

is in conformity with the essential requirements of Article 3 of the RED (2014/53/EU), if used for its intended purpose. The testing was carried out by IB-Lenhardt AG, Heinrich-Hertz-Allee 7–11, D-66386 St. Ingbert. The notified body is represented by KL-Certification GmbH, Heinrich-Hertz-Allee 7, 66386 St. Ingbert.

Applied Standards:

1. Health and Safety requirements contained in Art. 3 (1) a)

- IEC 62368-1:2014 ed.2 / COR1 / COR2
Audio/Video, information and communication technology equipment Part 1: Safety – Requirements
- IEC DIN EN 62311: ed.2
Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz to 300 GHz)

2. Protection requirements with respect to electromagnetic compatibility Art. 3 (1) b)

- ETSI EN 301 489-01 v2.2.3
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
- ETSI EN 301 489-51 v2.1.1
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
Part 51: Specific conditions for Automotive, Ground based Vehicles and Surveillance Radar Devices using 24,05 GHz to 24,25 GHz, 24,05 GHz to 24,5 GHz, 76 GHz to 77 GHz and 77 GHz to 81 GHz;
Harmonised Standard covering the essential requirements of article 3.1b of Directive 2014/53/EU

3. Means of the efficient use of the radio frequency spectrum Art. 3 (2)

- ETSI EN 301 091-1 V2.1.1
Short Range Devices; Transport and Traffic Telematics (TTT); Radar equipment operating in the 76 GHz to 77 GHz range;
Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 1: Ground based vehicular radar. OJ C 180 - 08/06/2017

Signed for and on behalf of Valeo Schalter und Sensoren GmbH
Bietigheim-Bissingen, 09.05.2023