Declaration of Conformity

RED Directive (2014/53/EU)
RoHS Directive (2011/65/EU incl. (EU) 2015/863)

We, the manufacturer

Lobaro GmbH
Osterbekstraße 90c
22083 Hamburg
Germany

declare on our sole responsibility that the product and its variants with following identifications[1]:

LOB-GW4 or LOB-GW4-[...]

to which this declaration relates is in conformity with the essential requirements and other relevant requirements of the RED directive (2014/53/EU) if used for its intended purpose and in accordance with the manufacturers operating instructions. The mentioned products are also compliant to the RoHS directive (2011/65/EU incl. (EU) 2015/863). The radio equipment operates as intended with the Lobaro firmware app-nrf91-origin as released by Lobaro GmbH.

The following harmonised EN standards have been applied to check conformity:

Health and safety (RED Art. 3(1)(a)):

EN 62368-1:2014 + AC:2015
EN 62311:2008

EMC (RED Art.3(1)(b)):

EN 301 489-1 V2.2.3, EN 301 489-3 V2.3.2, EN 301 489-52 V1.3.1
EN 55032:2015 + A11:2020

Radio spectrum (RED Art. 3(2)):

EN 300 220-2 V3.1.1
EN 301 908-1 V15.2.1, EN 301 908-13 V13.3.1

Cybersecurity (RED Art. 3(3)(d)):

EN 18031-1:2024

RoHS:

EN IEC 63000:2018

Further applied standards / specifications:

EN 300 220-1 V3.1.1, EN 61000-4-2:2009, EN IEC 61000-4-3:2020

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Place and date of issue

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[1]The [...] in the type designation indicates different product variants that are based on the same hardware foundation. This declaration applies equally to all variants of the product following this scheme.