

## EU DECLARATION OF CONFORMITY

Document DC-230317-4

1. Radio equipment (product name, type, batch or serial number):

*VTR850-UB BDOC, Norbit PartNo 20063 rev. 1, from serial #1*

*VTR850-U DSRC OBU, Norbit PartNo 20064 rev. 1, from serial #1*

2. Name and address of the manufacturer or his authorised representative:

*Norbit ITS AS,  
Stiklestadveien 1,  
7041 Trondheim  
Norway  
Telephone: +47 73982550  
email: norbit@norbit.com*

3. This declaration of conformity is issued under the sole responsibility of the manufacturer.

4. Object of the declaration:

*Equipment: DSRC Onboard Unit (OBU)/BDOC (BLE Dsrc Obu with Crash detection)*

*Brand name: Norbit*

*Model/type: VTR850-U, VTR850-UB*



VTR850-U



VTR850-UB

**For both VTR850-U and VTR850-UB:**

*Frequency band (DSRC): 5795 MHz to 5815 MHz*

*Maximum Transmit power (DSRC): -14dBm e.i.r.p.*

**For VTR850-UB only:**

*Frequency band (BLE): 2400 MHz to 2480MHz*

*Maximum Transmit power (BLE): +10dBm e.i.r.p.*

5. The object of the declaration described above is in conformity with the relevant Union harmonisation legislation

*Radio Equipment Directive (RED) 2014/53/EU*

*Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU*

## 6. References:

### 3.1 (a) Health and safety:

Health: EN IEC 62311: 2020

Safety: EN IEC 62368-1:2018

### 3.1 (b) Electromagnetic compatibility:

**For both VTR850-U and VTR850-UB:**

*ETSI EN 301 489-3 V2.3.2 (2023-01)*

**For VTR850-UB only:**

*ETSI EN 301 489-17 V3.2.5 (2022-08)*

### 3.2 Efficient use of spectrum:

**For both VTR850-U and VTR850-UB:**

*ETSI EN 200 674-1 v2.4.1 (2013-05)*

**For VTR850-UB only:**

*ETSI EN 300 328 V2.2.2 (2019:07)*

*RoHS:*

*RoHS: EN 50581:2012*

Special radio categories and classes:

*Not applicable*

7. The notified body IMQ with ID number 0051 performed evaluation of the technical project according to Module B of the Directive RED, 2014/53/EU, and issued respective EU-type examination certificate number 0051-RED-0144.

## 8. SW versions:

**For VTR850-U only:** DSRC: v2.31.0

**For VTR850-UB only:** DSRC: v2.32.0

**For VTR850-UB only:** BLE: version 02.00

*Trondheim, 2023-10-20*

*Erik Ryan,*

*R&D Director - Norbit ITS AS*

