

# EU Declaration of Conformity



<b>Declaration number</b>	GE MDS EU MCR/ECR-02
<b>Name of the manufacturer</b>	GE MDS LLC
<b>Address of the manufacturer</b>	175 Science Parkway, Rochester NY, 14620, USA
<b>Address of authorised representative</b>	GE Power Management S.L., Avenida Pinoa, 10-48170, Zamudio, Spain

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

**Product / model** MDS ORBIT MCR and ECR (see all options listed on page 2)

**Object of the declaration** MCR/ECR

**The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:**

2014/53/EU RED Directive - 2014  
2011/65/EU RoHS Directive - 2011

**References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:**

Document Name	Issue
EN62368-1 Information and Communication technology equipment Safety	2020
EN 301 489-1 Electromagnetic Compatibility V2.1.1	2017
EN 301 489-5 Electromagnetic Compatibility V2.1.1	2016
EN 55022 Information Technology Equipment, Class B	2010
EN 55024 Information Technology Equipment	2010

**Signed for and on behalf of:** **Place and Date:** 14-Oct-21

**Name:** Chris Trabold

**Name:** Justin Smith

**Function:** GE Grid Solutions-INDC, Manager,  
Engineering

**Function:** Principal Engineer

**Signature:**

**Signature:**

Declaration number

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## Additional Information

Additional EMC standards	
EN 300 113 RadioEquipment and System Specifications V2.2.1	2017
EN 302 561 Radio Equipment and System Specifications V2.1.1	2017
EN 62311 Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields	2008
EN 300 328 Wideband transmission systems; data transmission equipment operating in the 2.4GHz ISM band using wideband modulation techniques V2.1.1	2016
5 GHz RLAN; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU	2015
EN 300 440 Short Range devices; radio equipment to be used in the 1GHz-40GHz frequency range	2016
EN 301 511 Global Systems for mobile communication; harmonized EN for mobile stations in the GSM900 and GSM1800 bands	2016
EN 301 908-2 IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU;	2016
EN 301 908-13IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU	2016
MCR/ECR Risk assessment summary RAS002	
<p>The contribution from the 2412-2472 MHz transmitter is 0.2 W/m<sup>2</sup>. This is 2.0% of the limit.</p> <p>The contribution from the 880 MHz transmitter is 4.16 W/m<sup>2</sup>. This is 94.5% of the limit.</p> <p>The contribution from the transmitter operating in the 1800 MHz band is less than it would be operating in the 900 MHz band.</p> <p>The sum of the ratios of the individual contributions from each transmitter to their respective limits is 95.4%. As this is less than 100% the device complies with the requirements of EN 50385, based on the evaluation methods of EN 50383 and the reference levels detailed in <i>Council Recommendation of 12 July 1999</i>.</p>	

