



**UK Declaration of Conformity**

UK Statutory Instrument(s) **Radio Equipment Regulations 2017 (S.I. 2017/1206)**

Manufacturer **Ford Motor Company  
Building 5  
20300 Rotunda Drive  
Dearborn, Michigan, 48124  
United States of America**

Radio Equipment Type Designation: **FG-185-SG32-MH**

Description / Intended Use **Telematic Control Unit**

Regulation (6)(2) Applied Radio Designated Standard(s) Spectrum **EN 300 328 V2.1.1: 2016, EN 301 893 V2.1.1: 2017, EN 303 413 V1.1.1: 2017**

Regulation (6)(1)(b) Applied EMC Designated Standard(s) **EN 301 489-1 V2.2.0: 2017-03, EN 301 489-17 V3.2.0: 2017-03, EN 301 489-19 V2.1.0: 2017-03, EN 55032: 2015 + AC: 2016-07, EN 61000-4-2: 2009, EN 61000-4-2: 2008, EN 61000-4-3: 2006 + A1: 2007 + A2: 2010, EN 61000-4-3: 2006 + A1: 2008 + A2: 2010, EN 61000-4-4: 2012, EN 61000-4-6: 2014, EN 61000-4-6: 2013, ISO 7637-2: 2004, EN 55024: 2010 + A1: 2015, EN 61000-4-8: 2009**

Regulation (6)(1)(a) Applied Health and Safety Designated Standard(s) **EN 62311: 2008, IEC 62368-1: 2014 (Second Edition), EN 62368-1: 2014 / AC: 2015**

Frequency band(s) in which the radio equipment operates Bluetooth 2.1 + EDR – Transmit + Receive: **2400 – 2480 MHz**  
802.11b/g, 802.11n – Transmit + Receive: **2412 – 2472 MHz**  
802.11a, 802.11n, 802.11ac – Transmit + Receive: **5150 – 5350 MHz, 5470 – 5725 MHz**  
GPS – Receive: **1575.42 MHz**

Maximum radio-frequency power transmitted Bluetooth 2.1 + EDR: **6.2 dBm (EIRP)**  
802.11b: **11.1 dBm (EIRP)**  
802.11g: **10.2 dBm (EIRP)**  
802.11n HT20: **9.4 dBm (EIRP)**  
802.11a: **12.71 dBm (EIRP)**  
802.11n: **12.73 dBm (EIRP)**

Hereby, **Ford Motor Company** declares that the object of the declaration described above is in conformity with **Radio Equipment Regulations 2017 (S.I. 2017/1206)**.

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

**David Orris, SYNC HW Supervisor**  
Signed for and on behalf of  
**Ford Motor Company**  
**Dearborn, Michigan, USA / 24 August 2021**