



Ford Motor Company

UK Declaration of Conformity

UK Statutory Instrument(s)	Radio Equipment Regulations 2017
Manufacturer	Ford Motor Company Building 5 20300 Rotunda Drive Dearborn, Michigan, 48124 United States of America
Radio Equipment	Type Designation: FB5-TCU-ROW
Description / Intended Use	FNV2 TCU / Telematics Control Unit for embedded automotive applications
Chapter 1(6)(2) Applied Radio Designated Standard(s)	Spectrum EN 300 328 v2.1.1 (2016-11), EN 301 511 v12.5.1 (2017-03), EN 301 893 v2.1.1 (2017-05), EN 301 908-1 V11.1.1 (2016-07), EN 301 908-2 V11.1.2 (2017-08), EN 301 908-13 V11.1.2 (2017-07), EN 303 413 V1.1.1 (2017-06)
Chapter 1(6)(1)(b) Applied EMC Designated Standard(s)	Designated EN 301 489-1 V2.2.0 (2017-03), EN 301 489-17 V3.2.0 (2017-03), EN 301 489-19 V2.1.1 (2019-04), EN 301 489-52 v1.1.0 (2016-11)
Chapter 1(6)(1)(a) Applied Health and Safety Designated Standard(s)	EN 62311: 2008, EN 62368-1: 2014 / AC: 2015
Frequency band(s) in which the radio equipment operates	<ul style="list-style-type: none">• BT BDR/EDR: 2402 – 2480 MHz• BLE: 2402 – 2480 MHz• 802.11b/g/n-20 MHz: 2412 – 2472 MHz• 802.11n-40 MHz: 2422 – 2462 MHz• 802.11a/n-20 MHz: 5180 – 5320 MHz, 5500 – 5700 MHz• 802.11n-40 MHz: 5190 – 5310 MHz, 5510 – 5670 MHz• 802.11ac: 5210 – 5290 MHz, 5530 – 5610 MHz• GSM: Bands 3 (1800 MHz), 8 (900 MHz)• WCDMA: Band 1 (2100 MHz)• LTE FDD: Bands 1 (2100 MHz), 3 (1800 MHz), 7 (2600 MHz), 8 (900 MHz), 20 (800 MHz), 28 (700 MHz)• LTE TDD: Bands 38 (2600 MHz), 40 (2300 MHz)• GNSS: 1518 – 1640 MHz (Receive)
Maximum radio-frequency power transmitted	<ul style="list-style-type: none">• BT BDR/EDR: 9.5 dBm (max EIRP)• BLE: 9.9 dBm (max EIRP)• 802.11b: 19.13 dBm (max EIRP)• 802.11g: 19.70 dBm (max EIRP)• 802.11n – 20MHz – 2.4 GHz: 19.82 dBm (max EIRP)• 802.11n – 40MHz – 2.4 GHz: 19.71 dBm (max EIRP)• 802.11a – 20MHz – 5 GHz: 17.72 dBm (total EIRP)• 802.11n – 20MHz – 5 GHz: 18.53 dBm (total EIRP)• 802.11n – 40MHz – 5 GHz: 18.36 dBm (total EIRP)

- 802.11ac: **19.08 dBm (total EIRP)**
- GSM900 (Band 8): **30.4 dBm (conducted power)**
- GSM1800 (Band 3): **24.08 dBm (conducted power)**
- WCDMA: **23.97 dBm (conducted power)**
- LTE (Band 1): **23.9 dBm (conducted power)**
- LTE (Band 3): **23.65 dBm (conducted power)**
- LTE (Band 7): **23.8 dBm (conducted power)**
- LTE (Band 8): **23.5 dBm (conducted power)**
- LTE (Band 20): **24.12 dBm (conducted power)**
- LTE (Band 28): **22.58 dBm (conducted power)**
- LTE (Band 38): **24.02 dBm (conducted power)**
- LTE (Band 40): **22.49 dBm (conducted power)**

Hereby, **Ford Motor Company** declares that the object of the declaration described above is in conformity with the relevant Union harmonisation legislation (UK Statutory Instrument(s) **Radio Equipment Regulations 2017**).

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

DocuSigned by:

Michael Bo

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Michael Bo, Product Development – TCU
Signed for and on behalf of **Ford Motor Company**
Dearborn, Michigan, United States of America / 24 May 2021