



## EC Declaration of Conformity (DoC)

**We**

Texas Instruments Incorporated  
 12500 TI Boulevard  
 Dallas, Texas 75243 USA

**Declare that the DoC is issued under our sole responsibility and belongs to the following product(s):**

|                        |   |
|------------------------|---|
| <b>Product Type:</b>   | SimpleLink™ Wi-Fi® CC3100MOD<br>Wireless Network Processor Module |
| <b>Equipment Name:</b> | CC3100MODR11MAMOB   |
| <b>Model Number:</b>   | CC3100MODR11MAMOB   |
| <b>SW Version:</b>     | 1.0.3.xx  |

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

Radio Equipment Directive 2014/53/EU  
 RoHS2 Directive 2011/65/EU

**Accessories information:**

**Antennas**

| List |                     |                                 |                     |             |
|------|---------------------|---------------------------------|---------------------|-------------|
|      | Brand               | Antenna Type                    | Model               | 2.4GHz gain |
| 1    | Ethertronics        | Dipole                          | 1000423             | -0.6dBi     |
| 2    | LSR                 | Rubber Whip / Dipole            | 001-0012            | 2dBi        |
| 3    |                     |                                 | 080-0013            | 2dBi        |
| 4    |                     |                                 | 080-0014            | 2dBi        |
| 5    | Laird               | PCB                             | CAF94504            | 2dBi        |
| 6    |                     |                                 | CAF94505            | 2dBi        |
| 7    | ACX                 | Multilayer Chip                 | AT3216-BR2R7HAA     | 0.5dBi      |
| 8    |                     |                                 | AT312-T2R4PAA       | 1.5dBi      |
| 9    | TDK                 | Multilayer Ceramic Chip Antenna | ANT016008LCD2442MA1 | 1.6dBi      |
| 10   | Mitsubishi Material | Chip Antenna                    | AM03DP-ST01         | 1.6dBi      |
| 11   |                     | Antenna Unit                    | UB18CP-100ST01      | -1.0dBi     |
| 12   | Taiyo Yuden         | Chip Antenna / Herical Monopole | AF216M245001        | 1.5dBi      |
| 13   |                     |                                 | AH212M245001        | 1.3dBi      |
| 14   |                     |                                 | AH316M245001        | 1.9dBi      |
| 15   | Antenna Technology  | Dipole                          | AA2402SPU           | 2.0dBi      |
| 16   |                     |                                 | AA2402RSPU          | 2.0dBi      |
| 17   |                     |                                 | AA2402A-UFLLP       | 2.0dBi      |
| 18   |                     |                                 | AA2402AU-UFLLP      | 2.0dBi      |
| 19   | Staf                | Mono-pole                       | 1019-016            | 2.14dBi     |
| 20   |                     |                                 | 1019-017            | 2.14dBi     |
| 21   |                     |                                 | 1019-018            | 2.14dBi     |
| 22   |                     |                                 | 1019-019            | 2.14dBi     |

|    |                       |             |                     |         |
|----|-----------------------|-------------|---------------------|---------|
| 23 | Map Electronics       | Rubber Whip | MEIWX-2411SAXX-2400 | 2.0dBi  |
| 24 |                       |             | MEIWX-2411RSXX-2400 | 2.0dBi  |
| 25 |                       |             | MEIWX-282XSAXX-2400 | 2.0dBi  |
| 26 |                       |             | MEIWX-282XRSXX-2400 | 2.0dBi  |
| 27 |                       |             | MEIWF-HP01RS2X-2400 | 2.0dBi  |
| 28 | Yageo                 | Chip        | ANT3216A063R2400A   | 1.69dBi |
| 29 | Mag Layers Scientific | Chip        | LTA-3216-2G4S3-A1   | 1dBi    |
| 30 |                       |             | LTA-3216-2G4S3-A3   | 2dBi    |

The following harmonized standards and technical specifications have been applied:

|                               |   |
|-------------------------------|---|
| EN 301489-1 V2.1.1 (2017-02)  | ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU |
| EN 301489-1 V2.2.3 (2019-11)  | ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility   |
| EN 301489-17 V3.1.1 (2017-02) | ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU                                      |
| EN 300328 v2.2.2 (2019-07)    | Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum  |
| EN 62311:2008                 | Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)  |
| EN 62368-1:2014+A11:2017      | Audio/video, information and communication technology equipment Part 1: Safety requirements   |
| EN 50581:2012                 | Technical documentation for the assessment of electrical and electronic products with respect to the restrictions of hazardous substances   |

**Notified Body:**

|                                |                 |
|--------------------------------|-----------------|
| <b>Notified Body:</b>          | CTC advanced    |
| <b>Notified Body Number</b>    | 0682            |
| <b>Reference number of the</b> | T818145E-02-TEC |



certificate of notified body

**Technical Compliance File Held by:**

Texas Instruments Incorporated  
12500 TI Boulevard  
Dallas, Texas 75243 USA

**Signed for and on behalf of Texas Instruments Incorporated**

|          |  |
|----------|--|
| Name:    | Mattias Lange, General Manager           |
| Address: | 12500 TI Boulevard, Dallas, Texas, 75243 |

Dallas TX

Place of issue

1/7/2021

Date of issue

A handwritten signature in black ink, appearing to read 'M. Lange', written over a horizontal line.

Signature of Authorized Person

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