



## 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>Marketing Name:</b> | WL18xxMOD WiLink™ 8 Single-Band Combo Module – Wi-Fi®, Bluetooth® and Bluetooth Low Energy (LE) |
| <b>Equipment Name:</b> | Wi-Fi and Bluetooth Module                                                                      |
| <b>Model Number:</b>   | WL18MODGB<br>(Test Grade 35: WL1835MODGBMOC)                                                    |
| <b>SW Version:</b>     | R8.8                                                                                            |

**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 ~ 2.5GHz Gain |
| 1    | Ethertronics | PCB                  | 1000423   | -0.6dBi              |
| 2    | LSR          | Rubber Whip / Dipole | 001-0012  | 2dBi                 |
| 3    |              |                      | 080-0013  | 2dBi                 |
| 4    |              |                      | 080-0014  | 2dBi                 |
| 5    |              | PIFA                 | 001-0016  | 2.5dBi               |
| 6    |              |                      | 001-0021  | 2.5dBi               |
| 7    | Laird        | PCB                  | CAF94504  | 2dBi                 |
| 8    |              |                      | CAF94505  | 2dBi                 |
| 9    | Pulse        | Chip                 | W3006     | 3.2dBi               |
| 10   | TDK          | Chip                 | ANT016008 | 2.4dBi               |

**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 certificate of notified body</b> | T818163E-02-TEC |

**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

  
Signature of Authorized Person

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