

The SGS logo consists of the letters "SGS" in a bold, sans-serif font, with a vertical line to the right of the letters.The CE mark is a stylized "C" and "E" symbol, followed by the number "0598".

**CERTIFICATE RED-2517**

**Issue no. 1**

**EU TYPE EXAMINATION CERTIFICATE**  
**RADIO EQUIPMENT DIRECTIVE 2014/53/EU**

**Product** BLE and 802.15.4 module  
**Model** CC2650MODA  
**Trademark** Texas Instrument Incorporated  
**Applicant** Texas Instruments Incorporated  
12500 TI BLVD., Dallas, Texas, 75243, USA

**Other information** -


**Compliance with the requirements on the basis of type examination** Product fulfils the requirements of the standard(s) listed on page 2 and the essential requirements set out in Article 3.1a (Health & Safety), Article 3.1b (EMC), Article 3.2 (Radio Spectrum Use) of the Radio Equipment Directive 2014/53/EU.

**Validity** This certificate is valid until 2026-03-18 unless the standard in question has been amended or superseded.

**Date of issue** 2021-03-18

**SGS Fimko Ltd**

**Signature**



Jari Merikari  
Certification Manager

SGS Fimko Ltd is a Notified Body (0598) according to the RE Directive 2014/53/EU.

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**SGS Fimko Ltd**

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Business ID 0978538-5

Member of the SGS Group (SGS SA)



**Manufacturer**

Texas Instruments Incorporated  
12500 TI BLVD., Dallas, Texas, 75243, USA

**Manufacturing site(s)**

Powertech Technology Inc.  
No.10, Datong Rd., Hsinchu Industrial Park, Hukou, 30352, Taiwan

**Applied standards**

Article	Standard
3.1a Health & Safety	EN 62368-1:2014 + A11:2017 EN 62479:2010
3.1b EMC	EN 301 489-1:V2.2.3 EN 301 489-17:V3.2.4 EN 55032:2015 EN 55024:2010 + A1:2015
3.2 Radio Spectrum	EN 300 328:V2.2.2

**Test reports**

Testing Laboratory	Report Number	Date
	E2/2016/40062-02	25 February 2021
	E2/2016/40063-02	25 February 2021
	MH/2020/B0073	25 February 2021
	MH/2020/B0075	25 February 2021
	ZL/2021/20027	23 February 2021

**Technical information**

Operating voltage:  
3.3 VDC

Frequency band:  
Bluetooth LE: 2 402 – 2 480 MHz  
Zigbee: 2 405 – 2 480 MHz

Transmit power:  
Bluetooth LE: 5.056 dBm EIRP  
Zigbee: 5.056 dBm EIRP

Modulation:  
BLE: GFSK  
Zigbee: O-QPSK

**Technical information**

Number of channels, channel bandwidth and spacing:  
Bluetooth BLE: 40 ch, 1 MHz, 2 MHz  
Zigbee: 16 ch, 2 MHz, 5 MHz

Antenna type and gain:  
Chip antenna, 1.26 dBi

Hardware version:  
Rev 1.0

**Additional information**

This type examination certificate is based on the inspection of the technical documentation ref. no. ER/2020/B0022 provided by the manufacturer.

This radio module has been assessed for use in the temperature range of -40 °C to +85 °C and with an input voltage of 3.3 V DC. This radio module is for professional installation only. When installing this radio module permanently into a host product to a create new radio equipment device; the manufacturer responsible for placing the final radio product on the market in the EU must assess if the combination of this radio module and the host product complies with the essential requirements of the RE Directive 2014/53/EU.

This certificate is valid only for the models mentioned in this certificate.

The manufacturer must inform SGS Fimko if any technical or electrical changes made to the product covered by this certificate, as unauthorised modifications would invalidate this certificate.

This certificate replaces previous certificate RED-1079 dated 2017-06-22 due to an update of the applicant and manufacturer information and update of standards and test reports.