

CERTIFICATE RER-0373

Issue no. 1

UKCA TYPE EXAMINATION CERTIFICATE

Radio Equipment Regulations 2017 (as amended)

(SGS United Kingdom Ltd is a UK BEIS Approved Body, number 0120.)

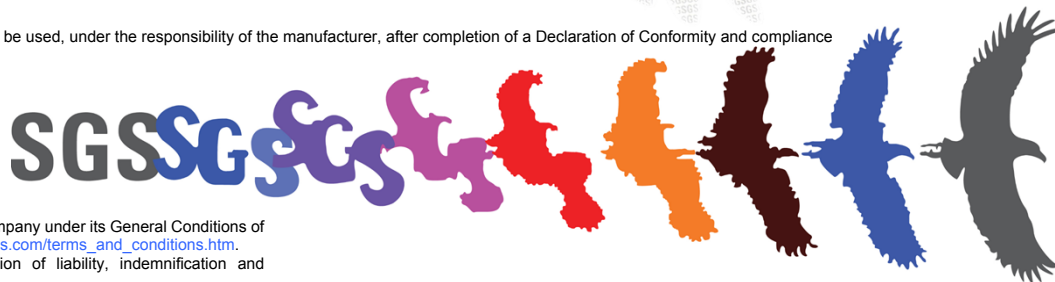
Product	Transceiver Module
Type	CM02XN-VWE, CM02TN-VWW
Trademark	-
Certificate Holder	LG Electronics Inc. 10, Magokjungang 10-ro, Gangseo-gu, Seoul, Republic of Korea
Manufacturer	Same as certificate holder
Technical information	Listed at page 3
Compliance with the requirements on the basis of type examination	Product fulfils the requirements of the standard(s) listed at page 2 and the essential requirements set out in 6(1)(a) (health and safety), 6(1)(b) (EMC), 6(2) (radio spectrum use) of Chapter 1, Essential requirements of the Radio Equipment Regulations 2017 (as amended)
Validity	This certificate is valid until 2027-12-09 unless the standard in question has been amended or superseded.
Date of issue	09 December 2022

SGS United Kingdom Limited

Signature

Lewis Lee
Certifier

The UK marking as shown below can be used, under the responsibility of the manufacturer, after completion of a Declaration of Conformity and compliance with all relevant UK Regulations.



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DU-CST-RE-017 Version 4

Applied Standards

Chapter 1 Essential requirement	Standards	Test Report Number
6(1)(a) Health	EN 62311:2008	F690501-RF-RTL003378
6(1)(a) Safety	EN 62368-1:2014+A11:2017 EN IEC 62368-1:2020+A11:2020	KR228QBG 001
6(1)(b) EMC	EN 301 489-1 V2.2.3 EN 301 489-3 V2.1.1 EN 301 489-17 V3.2.4	F690501-RF-EMC000861
6(2) Radio Spectrum	EN 300 328 V2.2.2 EN 302 571 V2.1.1	F690501-RF-RTL003376 F690501-RF-RTL003377 LGE-2022-TM001

Technical Information

Product Types:
CM02XN-VWE, CM02TN-VWW

According to the declaration from the applicant the above models are identical with the exception that it is mounted on the electric vehicles.

Operating voltage: DC 12V, 2A

Frequency band
Bluetooth LE: 2402 MHz - 2480 MHz
DSRC: 5860 - 5920 MHz

Output power
Bluetooth LE: 9.73 dBm EIRP
DSRC: 30.73 dBm EIRP

Antenna type and gain including cable loss
Bluetooth LE: 6.01 dBi, External Antenna
DSRC: 7.79 dBi, External Antenna

Accessories
Front Antenna(Active) [Model: CSA-1 / Manufacturer: Laird Technologies]

Hardware version: X04
Software version: X331

Technical Justification: Declaration of Equivalence_CM02XN-VWE

Additional information

This type examination certificate is based on the inspection of the technical file ref. no. CM02XN-VWE_20221122 dated on 22 November 2022 provided by the manufacturer.

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

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