



UK TYPE EXAMINATION CERTIFICATE

APPROVED BODY UK-TYPE EXAMINATION CERTIFICATE

ONTE348-UK / 6 May 2021 / Rev A

UK Radio Equipment Regulations (S.I. 2017 No. 1206)

MiCOM Labs Inc., Approved Body Number 2280 declares, on the basis of the assessment of the tests and the technical documentation provided by the applicant that the following product complies with the essential requirements of the above noted Regulations.

Product Name:
CAR NAVIGATION

Approval Holder Name:
LG Electronics Inc




Gordon Hurst, Product Certifier

This Certificate is Issued under the Authority of:
MiCOM Labs Inc., 575 Boulder Court, Pleasanton, California 94566, USA

Approved Body Number: 2280

Product Name:

CAR NAVIGATIONProduct Model Numbers: **MIB3 OI**Brand Name: **LG****Approval Holder:** LG Electronics Inc, 222, LG-ro, Jinwi-Myeon, Pyeongtaek-si, Gyeonggi-do, 17709, Republic of Korea**Product Manufacturer:** LG Electronics Inc, 222, LG-ro, Jinwi-Myeon, Pyeongtaek-si, Gyeonggi-do, 17709, Republic of Korea**Standards**

| Group | Name |
|---|------------------------------------|
| Section 6(1)(a) Health & Safety | EN 62311:2008 |
| | EN 62368-1:2014+A11:2017 |
| | EN IEC 62368-1:2020+A11:2020 |
| Section 6(1)(b) Electromagnetic Compatibility | EN 301 489-1 V2.2.3 |
| | EN 301 489-3 V2.1.1 |
| | EN 301 489-17 V3.2.4 |
| | EN 301 489-19 V2.1.1 |
| | EN 55032:2015+A11:2020 |
| | EN 55035:2017+A11:2020 |
| | EN 55013:2013 |
| | EN 55020: 2007+A11: 2011+A12: 2016 |
| | EN 55022:2010 |
| | EN 55024:2010 |
| Section 6(2) Effective Use of Spectrum | EN 300 328 V2.2.2 |
| | EN 303 413 V1.1.1 |
| | EN 301 893 V2.1.1 |
| | EN 300 440 V2.2.1 |
| | EN 303 345-1 V1.1.1 |
| | EN 303 345-2 V1.1.1 |
| | Draft EN 303 345-3 V1.1.0 |
| | Draft EN 303 345-4 V1.1.0 |

Annex 1 to UK-Type Examination

UK-Type examination on the essential requirements
Section 6

| | |
|--|----------|
| Section 6(1) - a) Health and Safety | Assessed |
| Section 6(1) - b) Electromagnetic compatibility | Assessed |
| Section 6(2) - Effective use of radio spectrum | Assessed |

Description of Apparatus

| | |
|-----------------------|--------------------|
| Company Name | LG Electronics Inc |
| Certification No. | ONTE348-UK |
| Issue Date / Rev | 6 May 2021 / Rev A |
| Equipment Description | CAR NAVIGATION |
| Hardware Version | H57 |
| Firmware Version | X56 |

Emission Information

| Technology | Frequency MHz | | Emission Designator | RF Power | | |
|--------------|---------------|-----------|---------------------|----------|------|----------------|
| | From | To | | Max | Type | Field Strength |
| Bluetooth | 2402MHz | 2480MHz | | 2.30dBm | EIRP | -- |
| WLAN 2.4 GHz | 2412MHz | 2472MHz | | 16.80dBm | EIRP | -- |
| WLAN 5 GHz | 5180MHz | 5240MHz | | 12.17dBm | EIRP | -- |
| WLAN 5 GHz | 5745MHz | 5825MHz | | 13.48dBm | EIRP | -- |
| GNSS | 1559MHz | 1610MHz | | -- | -- | -- |
| AM | 0.5265MHz | 1.6065MHz | | -- | -- | -- |
| DAB | 174MHz | 240MHz | | -- | -- | -- |
| FM | 87.5MHz | 108MHz | | -- | -- | -- |

Technical Construction File Details: (Documents Reviewed)**Technical Report(s):**

Section 6(1)(a) Health & Safety:

OT-209-RWD-032

60414714 001

Section 6(1)(b) Electromagnetic Compatibility:

OT-214-RED-058

Section 6(2) Effective Use of Spectrum:

OT-212-RWD-106

OT-212-RWD-107

OT-212-RWD-108

OT-212-RWD-109

OT-209-RWD-093

OT-212-RWD-110

OT-209-RWD-022

OT-195-RWD-072

OT-195-RWD-073

OT-209-RWD-021

OT-195-RWD-075

OT-209-RWD-034

OT-195-RWD-074

OT-209-RWD-033

OT-194-RWD-030

OT-194-RWD-042

Supporting Documentation:

Service Agreement

Agent Authorization

UK Application

UK Declaration of Conformity

Block Diagram

BOM or Parts List

External Photographs

Internal Photographs

Label and its Location

Operational Description

PCB Layout

Schematics

Test Setup - UK

User Manual

Risk Assessment

Scope

This UK-Type Examination Certificate is given in respect of compliance of the noted Radio Equipment per Section 6 Essential Requirements of UK Radio Equipment Regulations (SI 2017 No. 1206). The scope of the evaluation and this certificate relates only to those items identified in 'Annex 1 to UK-Type Examination Certificate' for the specific product and Certificate number referenced above.

UK Type Examination was performed according to Module B: UK-type examination procedure per Schedule 3 of the Regulation on the essential requirements in Section 6, for the specific product and Certificate Number referenced above.

This UK-Type Examination Certificate is based upon the review of the Technical Documentation and supporting evidence for the adequacy of the technical design solution, it is only valid in conjunction with the attached Annexes. The scope of this statement relates to a single sample of the apparatus identified above and of the submitted documents only.

The obligations of the following parties; Manufacturers, Importers, Distributors; are as defined in the UK Radio Equipment Regulations(SI 2017 / 1206) in conjunction with amendments in UK Statutory Instruments 2019 No. 696 Schedule 29.

<https://www.legislation.gov.uk/ukxi/2017/1206/contents>

<https://www.legislation.gov.uk/ukxi/2019/696/schedule/29>