



UK TYPE EXAMINATION CERTIFICATE



Certificate Validation

APPROVED BODY UK-TYPE EXAMINATION CERTIFICATE

ONTE546-UK / 31 Jan 2023 / Rev B

Obsoletes: ONTE546-UK / 12 Jan 2023 / 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 SYSTEM

Approval Holder Name:

LG Electronics Inc.



**UK
CA**


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 NAVIGATION SYSTEMProduct Model Numbers: **MIB3GP**Brand Name: **LG, VOLKSWAGEN, SEAT, SKODA, FORD**

Approval Holder: LG Electronics Inc., 10, Magokjungang 10-ro, Gangseo-gu, Seoul, 451-713, Korea

Product Manufacturer: LG Electronics Inc., 10, Magokjungang 10-ro, Gangseo-gu, Seoul, 451-713, Korea

Standards

Group	Name
Section 6(1)(a) Health & Safety	EN 62311: 2008
	EN 62368-1:2018
Section 6(1)(b) Electromagnetic Compatibility	EN 55032: 2015+A11:2020
	EN 55035: 2017+A11:2020
	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 V2.2.1
Section 6(2) Effective Use of Spectrum	EN 300 328 V2.2.2
	EN 300 440 V2.2.1
	EN 301 893 V2.1.1
	EN 303 345-1 V1.1.1
	EN 303 345-2 V1.2.1
	EN 303 345-3 V1.1.1
	EN 303 345-4 V1.1.1
	EN 303 413 V 1.2.1



Approved Body UK-Type Examination Certificate

ONTE546-UK / 31 Jan 2023 / Rev B

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

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.	ONTE546-UK
-------------------	------------

Issue Date / Rev	31 Jan 2023 / Rev B
------------------	---------------------

Equipment Description	CAR NAVIGATION SYSTEM
-----------------------	-----------------------

Hardware Version	X09
------------------	-----

Firmware Version	C242
------------------	------



Approved Body UK-Type Examination Certificate

ONTE546-UK / 31 Jan 2023 / Rev B

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

Emission Information

Technology	Frequency MHz		Emission Designator	RF Power		Field Strength
	From	To		Max	Type	
AM	0.5265	0.16065		--	--	--
GNSS	1559	1610		--	--	--
DAB	174	240		--	--	--
Bluetooth	2402	2480		5.77dBm	EIRP	--
WLAN 2.4 GHz	2412	2472		19.12dBm	EIRP	--
WLAN 5 GHz	5150	5250		13.76dBm	EIRP	--
WLAN 5 GHz	5725	5850		10.88dBm	EIRP	--
FM	87.5	108		--	--	--

Technical Construction File Details: (Documents Reviewed)

Technical Report(s):

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

OT-22D-RWD-046

KR22EJVA 001

Section 6(1)(b) Electromagnetic Compatibility:

OT-22D-RED-081

Section 6(2) Effective Use of Spectrum:

OT-22D-RWD-065

OT-22D-RWD-066

OT-22D-RWD-067

OT-22D-RWD-068

OT-22D-RWD-069

OT-22D-RWD-070

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

UK Risk Assessment

User Manual

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/uksi/2017/1206/contents>

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