



# UK TYPE EXAMINATION CERTIFICATE



Certificate Validation

## APPROVED BODY UK-TYPE EXAMINATION CERTIFICATE

*ONTE547-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



# Approved Body UK-Type Examination Certificate

**ONTE547-UK / 12 Jan 2023 / Rev A**

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

Product Name:

## CAR NAVIGATION SYSTEM

Product Model Numbers: ICAS3GP

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
	IEC 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
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 303 345-3 V1.1.1
	EN 303 345-4 V1.1.1



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## Annex 1 to UK-Type Examination

### UK-Type examination on the essential requirements Section 6

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

### Description of Apparatus

Company Name	LG Electronics Inc.
Certification No.	ONTE547-UK
Issue Date / Rev	12 Jan 2023 / Rev A
Equipment Description	CAR NAVIGATION SYSTEM
Hardware Version	X09
Firmware Version	R243



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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	
DAB	174	240		--	--	--
Bluetooth	2402	2480		6.90dBm	EIRP	--
WLAN 2.4 GHz	2412	2472		18.52dBm	EIRP	--
WLAN 5 GHz	5150	5250		13.90dBm	EIRP	--
WLAN 5 GHz	5725	5850		9.38dBm	EIRP	--
FM	87.5	108		--	--	--

## Technical Construction File Details: (Documents Reviewed)

### Technical Report(s):

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

OT-22D-RWD-047

KR22VEQN 001

Section 6(1)(b) Electromagnetic Compatibility:

OT-22D-RED-080

Section 6(2) Effective Use of Spectrum:

OT-22D-RWD-071

OT-22D-RWD-072

OT-22D-RWD-073

OT-22D-RWD-074

OT-22D-RWD-076

### 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>