

TYPE EXAMINATION CERTIFICATE

No.

8508-RER-7513

ISSUED BY	3C Test Limited - Approved Body No. 8508 (APPLUS)	
APPLICANT	Faurecia Clarion Electronics Europe 40 Avenue des Terroirs de France, 75012, Paris, France	
MANUFACTURER (Name, Address)	Clarion Hungary Electronics kft Jaszberenyi ut 116, 2760 Nagykata - Hungary	
COMMERCIALISED BY (Brand)	Faurecia	
PRODUCT	SPS-K9	
TYPES	SPS-K9	
HW / FMW version	SW: R5.4 HW: 03	
APPLICABLE REGULATION	RADIO EQUIPMENT REGULATIONS 2017 (S.I. 2017/1206) ON THE MAKING AVAILABLE ON THE UK MARKET AND PUTTING INTO SERVICE OF RADIO EQUIPMENT	
DESCRIPTION	The device is an In Vehicle Infotainment with Bluetooth (EDR) and FM/AM/DAB RX Capabilities.	
MEET ESSENTIAL REQUIREMENTS	Reg. 6(1)(a) Health & Safety <input checked="" type="checkbox"/>	Reg. 6(2) Efficient use of Radio spectrum <input checked="" type="checkbox"/>
	Reg. 6(1)(b) EMC <input checked="" type="checkbox"/>	Reg. 6A(2) Special characteristics <input type="checkbox"/>

This document is not valid without its technical annex, whose number coincides with the number of the certificate. The evaluation of the technical documentation delivered is included in the technical file number: 24/36402142

This Certificate is valid as long as there are no changes in the prior art indicating that the approved radio equipment can no longer meet the essential requirements of Radio Equipment Regulations 2017 and there are no notifications of the approved type that may affect the Accordance with the essential requirements of Radio Equipment Regulations 2017.

Restrictions (if apply): N/A

Silverstone, 16th May 2024



You can check the validity of this certificate into our website.

Arbi Aloui
Manager
Electrical & Electronics – United Kingdom



The manufacturer, after the completion of the technical documentation, the conformity assessment procedures and the Declaration of conformity, may affix the Marking UKCA under his responsibility.

TECHNICAL ANNEX

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A. MODEL DESCRIPTION

A.1. GENERAL INFORMATION ON THE RADIO EQUIPMENT:

Manufacturing country: Hungary

Brand: Faurecia

Commercial designation: Faurecia SPS-K9

Country of commercialization: Great Britain (England, Wales and Scotland)

Radio service: BT (EDR), FM/AM/DAB RX

Application: In Vehicle Infotainment

A.1.1 TRADE VERSIONS/VARIANTS: SPS-K9

A.2. FEATURES: BT (EDR), FM/AM/DAB RX

A.3. SOFTWARE VERSION(S): R5.4

A.4. HARDWARE VERSION(S): 03

A.5. OTHER COMPONENTS

- Disposable antenna YES ☐ NO ☒
 - Antenna gain (dBi)*:
(*) only in case of YES

A.6. OPERATING FREQUENCIES AND MAXIMUM POWER EMITTED BY BAND

BAND	SERVICE	OPERATIONAL FREQUENCY (TX)		MAX POWER*	RI
Band 1	BT (EDR)	F_min: 2402 MHz	F_max: 2480 MHz	7.07 dBm	IR-2005
Band 2	AM**	F_min: 531 KHz	F_max: 1602 KHz	N/A	N/A
Band 3	FM**	F_min: 87.5 MHz	F_max: 108 MHz	N/A	N/A
Band 4	DAB**	F_min: 174 MHz	F_max: 240 MHz	N/A	N/A

N/A: Not applicable

N/D: Not defined

* Antenna gain included

** RX Only operational frequency

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A.7. OTHER PARAMETERS OF RADIO INTERFACE SPECIFICATIONS (RI)

Requires license/Use authorization: YES ☐ NO ☒

B. TEST PROTOCOL

REQUIREMENT	STANDARD	Laboratory	Report no.
Health and Safety (Regulation 6(1)(a))	EN 62479:2010	BTF Testing Lab (Shenzhen) Co., Ltd.	BTF240322R00101
	EN 50663:2017		
	EN 62368-1:2020 + A11:2020	BTF Testing Lab (Shenzhen) Co., Ltd	BTF240322S00201
EMC (Regulation 6(1)(b))	EN 301 489-1 V2.2.3	BTF Testing Lab (Shenzhen) Co., Ltd.	BTF240322R00102
	EN 301 489-17 V3.2.4		
	EN 55032:2015 + A11:2020 + A1:2020		
	EN 55035:2017 / A11:2020		
Radio Aspects (Regulation 6(2))	EN 300 328 V2.2.2	BTF Testing Lab (Shenzhen) Co., Ltd.	BTF240322R00104
	EN 303 345-1 V1.1.1	BTF Testing Lab (Shenzhen) Co., Ltd.	BTF240322R00103
	EN 303 345-2 V1.2.1		
	EN 303 345-3 V1.1.1		
	EN 303 345-4 V1.1.1		

C. RESTRICTIONS (IF POSITIVE)

Restrictions YES ☐ NO ☒

Describe restrictions:

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D. ACTIVITIES CARRIED OUT BY THE A.B.

Technical Documentation Review

- | | | |
|---|---|--|
| <input type="checkbox"/> Assembly drawings(s) | <input checked="" type="checkbox"/> Block diagram | <input checked="" type="checkbox"/> Circuit diagram/schematics |
| <input checked="" type="checkbox"/> External photographs | <input checked="" type="checkbox"/> Label drawing/location | <input checked="" type="checkbox"/> User manual |
| <input checked="" type="checkbox"/> Internal photographs | <input checked="" type="checkbox"/> Operational description | <input checked="" type="checkbox"/> Risk Assessment |
| <input checked="" type="checkbox"/> Test set-up photographs | <input checked="" type="checkbox"/> Test reports | <input checked="" type="checkbox"/> Declaration of conformity |
| <input checked="" type="checkbox"/> Bill of materials | <input checked="" type="checkbox"/> PCB layout | |
| <input type="checkbox"/> Installation diagrams and explanations | <input checked="" type="checkbox"/> List of applied (designated and non-designated) standards | |

Other activities

- ☒ RIS
- ☒ OFCOM
- ☒ Review Technical Justifications
- ☒ Analysis report
- ☒ Type certification issued

E. ADDITIONAL INFORMATION:

Radio Equipment Regulations 2017, Regulation 11: Manufacturers must keep the technical documentation and the declaration of conformity for 10 years after the radio equipment has been placed on the market.

Radio Equipment Regulations 2017, Schedule 3, Module B, paragraph 7(2): The manufacturer must inform the approved body that holds the technical documentation relating to the type examination certificate of all modifications to the approved type that may affect the conformity of the radio equipment with the essential requirements of these Regulations or the conditions for validity of that certificate. Such modifications require additional approval in the form of an addition to the original type examination certificate.

This review includes draft standards, deviations from the standards and technical justification for compliance.