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UNITED KINGDOM CONFORMITY ASSESSMENT

## UK TYPE EXAMINATION CERTIFICATE

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### Radio Equipment Regulations

SI 2017:1206 (as amended) – Schedule 3, Part B

3 UK Type Examination  
Certificate No.:

**EMA22RER0010**

4 Equipment:

**Smart Audio, Model: D001SF, Trademark: Daiichi**

5 Manufacturer:

**Daiichi Elektronik Sanayi ve Ticaret. A.S.**

6 Address:

**Asirefendi caddesi İmar Han No:15 Kat:4 34112, Fatih, İstanbul, Turkey**

7 This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Element Materials Technology, Approved Body number 0891 in accordance with Regulation 46 of the Radio Equipment Regulations 2017, SI 2017:1206 (as amended), certifies that this equipment has been found to comply with the Essential Requirements relating to the design and construction of radio equipment given in the following Regulations: **6(1)(a) - Health and safety, 6(1)(b) - Electromagnetic compatibility, 6(2) – Radio spectrum.**

The examination and test results are recorded in the confidential reports:

**R2202A0161-R1V1, R2202A0161-E1V2, 20400072-EMC-G01, R2202A0161-M1, R2202A0161-L1V1.**

9 Compliance with the Essential Requirements, with the exception of those listed in section 19 of the schedule to this certificate, has been assured by compliance with:

<b>EN 300 328 V2.2.2 (2019-07)</b>	<b>EN 301 489-1 V2.2.3 (2019-11)</b>	<b>BS EN IEC 62368-1:2020+A11:2020</b>
	<b>EN 301 489-17 V3.2.4 (2020-09)</b>	<b>BS EN IEC 62311:2020</b>
	<b>BS EN 55032:2015+A11:2020</b>	<b>BS EN 50665:2017</b>
	<b>BS EN 55035:2017+A11:2020</b>	

10 This TYPE EXAMINATION certificate relates only to the design and construction of the specified equipment in accordance with the Regulations. Further requirements of this Regulations apply to the manufacture and supply of this equipment. These are not covered by this certificate.

11 This certificate and its schedules may only be reproduced in its entirety and without change. This certificate is issued in accordance with the rules of the Element Materials Technology Radio Certification Scheme and remains valid for only so long as the equipment conforms to the type described herein.

12 Any deviation to the design and construction of the specified equipment that is not certified by Element Materials Technology shall render this certificate invalid.



Josh Batty, Deputy Certification Manager

Issue date: 2022-06-10

Page 1 of 7

CSF302-UK 4.0

13 **SCHEDULE TO UK TYPE EXAMINATION CERTIFICATE**

14 **CERTIFICATE NUMBER EMA22RER0010**

15 **General description of equipment included within the scope of this certificate**

The D001SF is a in car use smart audio using Bluetooth technology.

16 **Technical description**

Frequency band: 2402 - 2480 MHz  
Transmit power: 7.93 dBm EIRP  
Channel spacing: 1 MHz  
Duty cycle: Not Applicable  
Type of modulation: GFSK,  $\pi/4$ -DQPSK, 8-DPSK  
Type of antenna and gain: External Antenna Gain:  $\leq 5.0$  dBi (Not Supplied)  
Hardware version: 1.0.3  
Software version: 1.3.1

17 **Technical Documents describing the certified equipment**

The list of technical documents is given in Appendix A to this schedule.

18 **Test report No. (associated with this certificate issue):**

<b>Product Safety:</b>	R2202A0161-L1V1
<b>RF Exposure:</b>	R2202A0161-M1
<b>EMC:</b>	R2202A0161-E1V2 20400072-EMC-G01
<b>Radio:</b>	R2202A0161-R1V1

## SCHEDULE TO UK TYPE EXAMINATION CERTIFICATE

CERTIFICATE NUMBER EMA22RER0010

### 19 Essential Requirements (Regulation 6)

Covered by application of the standards listed in section 9 of this certificate and the assessment conducted in the test report/s listed in section 8 of this certificate.

A gap analysis was conducted to identify differences between EN 301 489-1 V1.9.2, as listed on the Designated Standards list, and the version adopted for testing by the test laboratory, EN 301 489-1 V2.2.3. It is noted from the gap analysis that the essential requirements for this specific equipment were not affected by the changes to the standard.

A gap analysis was conducted to identify differences between EN 55035:2017, as listed on the Designated Standards list, and the version adopted for testing by the test laboratory, EN 55035:2017+A11:2020. It is noted from the gap analysis that the essential requirements for this specific equipment were not affected by the changes to the standard.

A gap analysis was conducted to identify differences between EN 62311:2008, as listed on the Designated Standards list, and the version adopted for testing by the test laboratory, EN IEC 62311:2020. It is noted from the gap analysis that the essential requirements for this specific equipment were not affected by the changes to the standard.

A gap analysis was conducted to identify differences between EN 62368-1:2014, as listed on the Designated Standards list, and the version adopted for testing by the test laboratory, EN IEC 62368-1:2020+A11:2020. It is noted from the gap analysis that the essential requirements for this specific equipment were not affected by the changes to the standard.

### 20 "Restrictions on Use", if any:

Vehicle use only.

### 21 "Routine tests", if any:

None.

### 22 Other information, if any:

None.

**SCHEDULE TO UK TYPE EXAMINATION CERTIFICATE  
CERTIFICATE NUMBER EMA22RER0010**

**23 Photographs**

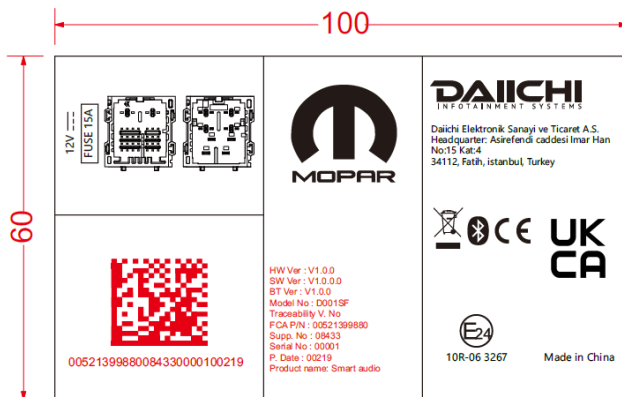
D001SF:



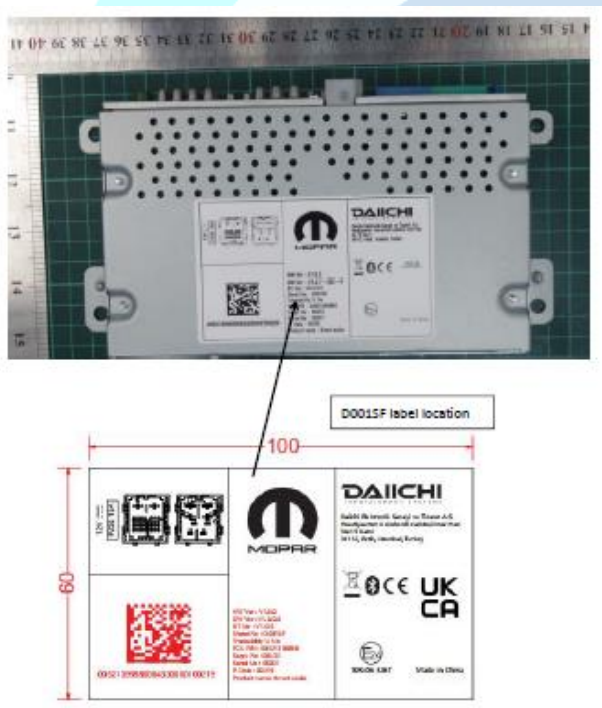
**SCHEDULE TO UK TYPE EXAMINATION CERTIFICATE  
CERTIFICATE NUMBER EMA22RER0010**

**24 Details of markings**

Product Label:



Product Label Location:



## SCHEDULE TO UK TYPE EXAMINATION CERTIFICATE

CERTIFICATE NUMBER EMA22RER0010

### 25 **Certificate History**

Original certificate      2022-06-10      First issue.

This certificate is a consolidated certificate and reflects the latest status of the certification, including all variations and amendments.

### 26 **Notes to UKCA marking**

In respect of UKCA Marking, Element Materials Technology accepts no responsibility for the compliance of the product against all applicable Regulations in all applications.

### 27 **Notes to this certificate**

Element Materials Technology certification reference: CN-TATQ-0052.

Throughout this certificate, the date format yyyy-mm-dd (year-month-day) is used.

Approved Body 0891 is the designation for Element Materials Technology Warwick Ltd.

### 28 **Conditions for the validity of this certificate**

This certificate remains valid for so long as:

- (i) The equipment listed in section 4 is manufactured in accordance with the technical documents listed in Appendix A of this certificate.
- (ii) The standards listed in section 9 of this certificate continue to satisfy the Essential Requirements relating to the design and construction of radio equipment given in the Regulation 6, as listed in section 8 of this certificate, and the generally acknowledged state of the art (e.g. as determined by the publishers of those standards).

**SCHEDULE TO UK TYPE EXAMINATION CERTIFICATE**  
**CERTIFICATE NUMBER EMA22RER0010**

**APPENDIX A - LIST OF TECHNICAL DOCUMENTS**

<b>Title:</b>	<b>Document/file name:</b>	<b>Rev. Level:</b>	<b>Issue date:</b>
Technical File	R2202A0161 D001SF UKCA	1.0	2022-05-26

