



UK TYPE EXAMINATION CERTIFICATE



Certificate Validation

APPROVED BODY UK-TYPE EXAMINATION CERTIFICATE

HUAT366-UK / 19 Dec 2022 / 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:
Portenta H7

Approval Holder Name:
Arduino S.r.l.




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

HUAT366-UK / 19 Dec 2022 / Rev A

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

Product Name:

Portenta H7

Product Model Numbers: **ABX00042**

Brand Name: **Arduino**

Approval Holder: **Arduino S.r.l.**, Via Andrea Appiani,25 20900, MONZA, Italy

Product Manufacturer: **Arduino S.r.l.**, Via Andrea Appiani,25 20900, MONZA, Italy

Standards

Group	Name
Section 6(1)(a) Health & Safety	EN IEC 62311:2020
	EN 62368-1:2014+A11:2017
Section 6(1)(b) Electromagnetic Compatibility	EN 301 489-1 V2.2.3
	EN 301 489-17 V3.2.4
Section 6(2) Effective Use of Spectrum	EN 300 328 V2.2.2



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	Arduino S.r.l.
Certification No.	HUAT366-UK
Issue Date / Rev	19 Dec 2022 / Rev A
Equipment Description	Portenta H7
Hardware Version	4.0
Firmware Version	1.3.0

Emission Information

Technology	Frequency MHz		Emission Designator	RF Power		
	From	To		Max	Type	Field Strength
Bluetooth	2402	2480	F1D, G1D	2.52dBm	EIRP	--
Bluetooth LE	2402	2480	F1D	8.95dBm	EIRP	--
WLAN	2412	2472	G1D, D1D	17.95dBm	EIRP	--

Technical Construction File Details: (Documents Reviewed)

Technical Report(s):

Section 6(1)(a) Health & Safety:
 CHTEW22090073
 CHTSE21030186
 Section 6(1)(b) Electromagnetic Compatibility:
 CHTEW22090072
 Section 6(2) Effective Use of Spectrum:
 CHTEW22090069
 CHTEW22090070
 CHTEW22090071

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 (Radio)
 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>