

1 **EU TYPE EXAMINATION CERTIFICATE**
2 **Radio Equipment Directive 2014/53/EU – Annex III**

3 EU Type Examination Certificate No.: **ENW25RED0011**
4 Equipment: **Radius VSM NIBP**
5 Manufacturer: **Masimo Corporation**
6 Address: **52 Discovery
Irvine, CA 92618
USA**

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 Portland-Evergreen, Inc. (hereafter referred to as Element Materials Technology) Notified Body number 0981 in accordance with Article 26 of the Council Directive 2014/53/EU of 16 April 2014, 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 Articles of the Directive:

3.2 – Radio spectrum

The manufacturer is responsible for additional assessment to all other applicable articles.

The examination and test results are recorded in the confidential report MASI0744

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:

EN 300 330 V2.1.1:2017

10 This EU-Type Examination certificate relates only to the design and construction of the specified equipment in accordance with Directive 2014/53/EU. Further requirements of this Directive 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.



Jody House, Certification Engineer
Signed for and on behalf of Element

Issue date: 2025-12-03

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13 **SCHEDULE TO EU TYPE EXAMINATION CERTIFICATE**

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

Radius VSM NIBP measures pressure data and posture in a body-worn device. It communicates the data to the VSM Instrument via UART interface. The VSM NIBP communicates with an NFC reader and antenna to read NFC tag in cuff for cuff size identification.

16 **Technical description**

Frequency bands;	13.56 MHz
Transmit power / power range:	-32.727 dBμA @ 10 m
Channel spacing:	Single Channel
Duty cycle:	100%
Type of modulation:	ASK
Type of antenna and gain:	Loop
Hardware version:	V1000
Software version:	13.56 MHz

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):**

MASI0744

19 **Essential Requirements (Directive Article 3)**

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.

20 **“Restrictions on Use”, if any:**

None.

21 **“Routine tests”, if any:**

None.

22 **Other information, if any:**

None.

SCHEDULE TO EU TYPE EXAMINATION CERTIFICATE

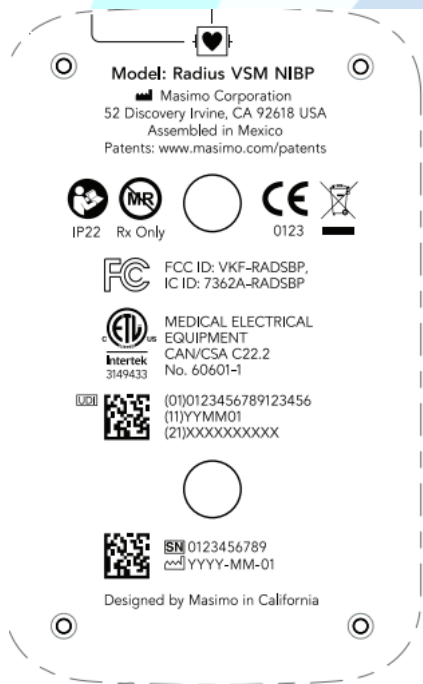
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Photographs

23



24 Details of markings



25 Details of variations to this certificate

None

26 Notes to CE marking

In respect of CE Marking, Element Materials Technology accepts no responsibility for the compliance of the equipment against all applicable Directives in all applications.

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27 Notes to this certificate

Element Materials Technology certification reference: Project number TS-MASI-0092

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

Notified Body 0981 is the designation for Element Materials Technology, Portland-Evergreen Inc..

28 Conditions for the validity of this certificate

This certificate remains valid for **18 months after the date of issue** 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 Articles of the Directive 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).
- (iii) The aspects of the Radio Equipment Directive 2014/53/EU covered in this assessment remain in force.

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APPENDIX A - LIST OF TECHNICAL DOCUMENTS

Title:	Document/file name:	Rev. Level:	Issue date:
Technical file	TFA-1632	Rev A	2025-12-02

