

Assessment report

REP020328-4R1ARFWL

Date of issue: January 10, 2024

Applicant:

Canary Medical

Product:

Canturio® se (Canturio Smart Extension)

Model

43-5570-030-14

FCC ID:

2AYAJ-CTE2

Type of assessment:

SAR Exemption Report

Specifications:

- ◆ FCC 47 CFR Part 2 Subpart J, §2.1093
- ◆ KDB 447498 D01 General RF Exposure Guidance v06

Lab and test locations

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Signature	

Limits of responsibility

Note that the results contained in this report relate only to the items tested and were obtained in the period between the date of initial receipt of samples and the date of issue of the report.

This test report has been completed in accordance with the requirements of ISO/IEC 17025. All results contain in this report are within Nemko USA's ISO/IEC 17025 accreditation.

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Section 1 Evaluation summary

1.1 SAR exemption for stand-alone transmission

1.1.1 References, definition, and limits

FCC §1.1307

- (b)(3) (i) For single RF sources (i.e., any single fixed RF source, mobile device, or portable device, as defined in paragraph (b)(2) of this section): A single RF source is exempt if:
- (A) The available maximum time-averaged power is no more than 1 mW, regardless of separation distance. This exemption may not be used in conjunction with other exemption criteria other than those in paragraph (b)(3)(ii)(A) of this section. Medical implant devices may only use this exemption and that in paragraph (b)(3)(ii)(A);

FCC KDB 447498 D01 General RF Exposure Guidance v06**4.2.4 Transmitters implanted in the body of a user**

When the aggregate of the maximum power available at the antenna port and radiating structures of an implanted transmitter, under all operating circumstances, is ≤ 1.0 mW, SAR test exclusion may be applied. The maximum available output power requirement and worst-case operating conditions must be supported by power measurement results, based on device design and implementation requirements, and fully justified in a SAR analysis report according to KDB Publication 865664 D02, in lieu of SAR measurement or numerical simulation.

1.1.2 EUT technical information

Type of EUT use	Med-Radio
Minimum separation distance	Implant
Highest operating frequency	402 – 406 MHz
Antenna type	Integrated
Maximum system EIRP	-17.23 dBm (0.019 mW)
Duty cycle	100 %

Notes: The maximum system EIRP above was derived from the measurements of the field strength of the fundamental emission documented in test report REP020328-03TRFWL. The maximum field strength reported was 80.15 dB μ V/m at a 3 m measurement distance. Converting this to dBm (ERP) gives -17.23 dBm or 0.019 mW.

1.1.3 Verdict

Maximum ERP of -17.23 dBm (0.019 mW) is less than the exemption criteria of 1 mW therefore this device is exempt from SAR evaluation.

End of report