

RF Exposure Report

Report No.: SABHSI-WTW-P21123305

FCC ID: 2AYGR-3002

Test Model: CLS110

Received Date: Dec. 16, 2021

Test Date: Jan. 05, 2022 ~ Jan. 21, 2022

Issued Date: May 06, 2022

Applicant: Saluda Medical Pty Ltd

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
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**FCC Registration /
Designation Number:** 788550 / TW0003



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Release Control Record

Issue No.	Description	Date Issued
SABHSI-WTW-P21123305	Original Release	May 06, 2022

1 Certificate of Conformity

Product: Evoke Closed Loop Stimulator

Brand: Saluda Medical

Test Model: CLS110

Sample Status: Commercial Sample

Applicant: Saluda Medical Pty Ltd

Test Date: Jan. 05, 2022 ~ Jan. 21, 2022

Standards: FCC Part 2 (Section 2.1093)

References Test Part 1.1307 (b)(3)(i)(A)

Guidance: KDB 447498 D01 General RF Exposure Guidance v06

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

Prepared by : Vera Huang, **Date:** May 06, 2022
Vera Huang / Specialist

Approved by : Jeremy Lin, **Date:** May 06, 2022
Jeremy Lin / Project Engineer

2 Evaluation Result

According to Part 1.1307(b)(3)(i)(A) &(b)(3)(ii)(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)

The available maximum time-averaged power of each source is no more than 1 mW and there is a separation distance of two centimeters between any portion of a radiating structure operating and the nearest portion of any other radiating structure in the same device, except if the sum of multiple sources is less than 1 mW during the time-averaging period, in which case they may be treated as a single source (separation is not required). This exemption may not be used in conjunction with other exemption criteria other than those in paragraph (b)(3)(i)(A) of this section. Medical implant devices may only use this exemption and that in paragraph (b)(3)(i)(A).

Also, according to KDB 447498 D01 General RF Exposure Guidance v06 clause 4.2.4

For Transmitters implanted in the body of a user, below requirement shall be met.

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.

3 SAR Test Exclusion Thresholds

Maximum Tune-up transmitter power:

Frequency (MHz)	EIRP (dBm)	EIRP (mW)	Antenna Gain (dBi)	Conducted Power (dBm)	Conducted Power (mW)	Limit (mW)	Result
402 - 405	-31.5	0.000708	-30	-1.5	0.708	1	Pass

Note:

1. Max. Power (dBm) = EIRP (dBm) – antenna gain (dBi) = -31.5 – (-30) = -1.5.
2. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

4 Conclusion

Since Source-base time average power is below SAR test exclusion power thresholds, the SAR evaluation is not required.

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