

Bureau Veritas Consumer Product Services, Inc.	Test Report Number:
One Distribution Center Circle #1, Littleton, MA 01460	EX0375-4 Issue 1



CFR Title 47 FCC Part 2.1093

Report Exhibit

Prepared for Controlid Industria e Comercio de Hardware e Servicos De
Tecnologia Ltda

This report presents the environmental impact of human exposure to radiofrequency radiation for
IDFACEFPA

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Report No: EX0375-4 Issue 1



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1 Device Under Test Information

1.1 Product Information

Project Number:	X0375
Applicant Information:	Controlid Industria e Comercio de Hardware e Servicos De Tecnologia Ltda Rua Hungria, 888, 8th Floor Sao Paulo SP, 01455000 - Brazil
Test Item Description:	IDFACEFPA
Model Number:	IDFACEFPA
Separation Distance:	0mm
Exposure Category of DUT:	Portable
Multiple Simultaneous RF Sources:	No
Type of Evaluation:	Extremity SAR Exemption Calculation
Evaluation Method:	447498 D01 General RF Exposure Guidance v06
Deviations from Standard:	None

Technical Information

FCC ID:	2AKJ4-IDFACEFPA
Transmit Frequency:	125kHz
Exposure Category of Transmitter:	Portable
Maximum field strength (dBuV/m @ 3m):	78.5dBuV/m at 3m
Maximum EIRP (mW):	0.0213mW (converted from maximum field strength)
Maximum Tune-up Tolerance (dB):	N/A

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2 Test Laboratory Information

Location of Test Lab:	One Distribution Center Circle #1 Littleton, MA 01460 (978) 486-8880
Key Contact:	Yunus Faziloglu Yunus.faziloglu@bureauveritas.com
Laboratory Accreditations:	BUREAU VERITAS CONSUMER PRODUCTS SERVICES, INC is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories.
ISO/IEC 17025:2017:	1627-01
FCC Test Site Number:	US1028

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3 RF Exposure – Determination of Exemption

3.1 SAR-based Exemption per 447498 D01 General RF Exposure Guidance v06

3.1.1 125kHz RFID

SAR exemption calculation for 125kHz at 0mm is based on

Per 447498 D01 General RF Exposure Guidance v06 Section 4.3.1 a), b)1) using 50mm separation and 0.1GHz and applying it to 125kHz using c)2) as follows,

- a) $(7.5/\sqrt{0.1\text{GHz}}) * 50\text{mm} = 1185.9\text{mW}$
- b)1) $1185.9 + ((50-50) * (100/150)) = 1185.9\text{mW}$
- c)2) $1185.9 * (1 + \log(100/0.125)) * \frac{1}{2} = 2314.34\text{mW}$

EIRP for 125kHz RFID is 0.0213mW and therefore exempt from stand-alone SAR testing.

3.1.2 Conclusion

Device meets the SAR test exemption criteria based on the calculations shown above.

Document Revisions

Issue No.	Summary of Changes	Date Issued	Prepared by	Approved by
1	Original Release	Jul 28, 2023	RMB	YF

End of Report