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SAR EXEMPTION REPORT

Manufacturer: 2NNS LLC DBA NEWR
1196 Mount Vernon Drive
Greenwood, Indiana 46142 USA

Applicant: Same as Above

Product Name: CHEF

Product Description: Portable Induction Cooktop. Rechargeable lithium-ion battery powered portable induction stove for indoor or outdoor use. Controlled wirelessly via Bluetooth Low Energy smartphone app. Compatible with DC power supply or solar panel charging. Uses compatible induction cookware only.

Model: C000

FCC ID: 2BHQEC000

Standard(s):

- KDB447498 D04 Interim General RF Exposure Guidance v01
- FCC Rule Part 1.1307(b)(3)(i)(a)

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1 ADMINISTRATIVE INFORMATION

1.1 Measurement Location:

F2 Labs in Middlefield, Ohio. Site description and attenuation data are on file with the FCC's Sampling and Measurement Branch at the FCC Laboratory in Columbia, MD.

1.2 Document History

Document Number	Description	Issue Date	Approved By
F2X36516A-02E	First Issue	2026-07-07	K. Littell



2 SUMMARY OF RESULTS

	Standard(s)	Results
SAR Exemption	- KDB447498 D04 Interim General RF Exposure Guidance v01 - FCC Rule Part 1.1307(b)(3)(i)(a)	Complies

Modifications Made to the Equipment
None



3 ENGINEERING STATEMENT

This report has been prepared on behalf of 2NNS LLC DBA NEWR, to provide documentation for the SAR Exemption herein. This equipment has been tested and found to comply with the SAR Exemption levels listed in FCC Rule Part 1.1307(b)(3)(i)(a).

(3) Determination of exemption.

(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);

The minimum distance from the antenna used inside of the C000, is 5mm.

The maximum Field Strength of the transmitter was 89.8dB μ V/m on the Low Channel, (2402 MHz) at 3m which converts to -5.43 dBm, or 0.02864 mW, which is below the required 1mW exemption.

$$P(\text{dBm}) = E(\text{dB}\mu\text{V/m}) + 20\text{LOG}(d) - G - 104.77$$

$$89.8 + 9.542425 - 104.77 = -5.43 \text{ dBm}$$

$$P(\text{dBm}) = -5.43 \text{ which is } 0.02864\text{mW}$$



4 EUT INFORMATION AND DATA

4.1 Equipment Under Test:

Product: CHEF

Model: C000

Serial No.: Prototype Part 1 - FCC 15.247

Firmware: Production Intent – 3.3.3 / RF Testing – BLE TransparentMode.hex Release v1.5.0

Hardware: 0-15.247

FCC ID: 2BHQEC000

4.2 Trade Name:

NEWR

4.3 Power Supply:

MeanWell model HLG-480H-48

4.4 Applicable Rules:

- KDB447498
- FCC Rule Part 1.1307(b)(3)(i)(a)

4.5 Antenna:

Trace Antenna, 1.95dBi Gain

4.6 Accessories:

Device	Manufacturer	Model Number	Serial Number
Laptop	Lenovo	Thinkpad X1 Carbon	None Specified