F2 Labs
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SAR EXEMPTION REPORT

Manufacturing Address:	**Bellus Medical, LLC DBA Crown Aesthetics** **5005 Lyndon B. Johnson Fwy STE 370** **Dallas, Texas 75244 USA**
Applicant:	**Same as Above**
Product Name:	**SkinPen® Precision Elite Handpiece**
Product Description:	**Microneedling device, 13.56 RFID**
Operating Voltage/Freq. of EUT During Testing:	Battery-Operated (3.6VDC)
Model(s):	**REF 200: SkinPen® Precision Elite Handpiece**
FCC ID:	**2AGLK-REF-200**
IC:	**21314-REF200**

Standard(s):

- **KDB447498 D04 Interim General RF Exposure Guidance v01**
- **FCC Rule Part 1.1307(b)(3)(i)(a)**
- **RSS-102: Issue 5, March 2015, Section 2.5 – Radio Frequency (RF) Exposure Compliance of Radio Communication Apparatus (All Frequency Bands)**

Report Constructed by:

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Report Reviewed by:

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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:

- FCC's Sampling and Measurement Branch at the FCC Laboratory in Columbia, MD.
- Certification and Engineering Bureau, Industry Canada, Site Number 4730B.

1.2 Document History

Document Number	Description	Issue Date	Approved By
F2P30652C-C5-06E	First Issue	2024-04-22	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) • RSS-102, Section 2.5.1	Complies

Modifications Made to the Equipment
None

3 ENGINEERING STATEMENT

This report has been prepared on behalf of **Bellus Medical, LLC DBA Crown Aesthetics**, to provide documentation for the SAR Exclusion herein. This equipment has been found to comply with the SAR Exclusion levels listed in KDB 447498 D01, FCC Rule Part 1.1307(b)(3)(i)(a) and RSS-102, Section 2.5.1

"(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 of the RFID Reader is 5mm. The maximum Field Strength of the transmitter was 0.71dBµV/m at 3m which converts to -94.5 dBm, or 0.0000004µW, which is well below the exemption limit of 1mW. For Canada, the Exemption limit specified in Table 11 of RSS-102, is 45mW for frequencies under 300 MHz.

Frequency (MHz)	≤ 5 mm (mW)	10 mm (mW)	15 mm (mW)	20 mm (mW)	25 mm (mW)	30 mm (mW)	35 mm (mW)	40 mm (mW)	45 mm (mW)
≤ 300	45	116	139	163	189	216	246	280	319
450	32	71	87	104	124	147	175	208	248
835	21	32	41	54	72	96	129	172	228
1900	6	10	18	33	57	92	138	194	257
2450	3	7	16	32	56	89	128	170	209
3500	2	6	15	29	50	72	94	114	134
5800	1	5	13	23	32	41	54	74	102

EUT INFORMATION AND DATA

4.1 Equipment Under Test:

Product:	SkinPen® Precision Elite Handpiece
Model(s):	REF 200: SkinPen® Precision Elite Handpiece
Firmware Version:	V0.61
Software Version:	N/A
Serial No.:	EP00005
FCC ID:	**2AGLK-REF-200**
IC:	**21314-REF200**

4.2 Trade Name:
Bellus Medical, LLC DBA Crown Aesthetics

4.3 Power Supply:
Rechargeable Lithium Battery (3.6VDC)
Device is battery-operated, rechargeable; cannot be used while charging.

4.4 Applicable Rules:
KDB447498

4.5 Equipment Category:
Radio Transmitter

4.6 Antenna:
Internal Coil

4.7 Accessories: N/A