



TEST REPORT

Eurofins KCTL Co.,Ltd. 65, Sinwon-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Korea TEL: 82-70-4904-0113 FAX: 82-505-299-8311 www.kctl.co.kr	Report No.: KR26-SRF0151 Page (1) of (8)	KCTL
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1. Client

- Name : CERAGEM CO., LTD.
- Address : 10, Jeongja 1-gil, Seonggeo-eup, Seobuk-gu, Cheonan-si, Chungcheongnam-do, Republic of Korea
- Date of Receipt : 2025-12-01

2. Use of Report : Certification

3. Name of Product / Model : CELLUNIC Medispa All in One / CGM ESK-2601

4. Manufacturer / Country of Origin : BTB Korea Co., Ltd / Korea

5. FCC ID : 2A3VY-CGMESK2601

6. IC Certificate No. : 35414-CGMESK2601

7. Date of Test : 2025-12-04 to 2026-02-26

8. Location of Test : ☒ Permanent Testing Lab ☐ On Site Testing
 (Address: 65, Sinwon-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Korea)

9. Test method used : 47 CRF Part 2.1091
 RSS-102 Issue 6 December 2023

10. Test Result : Refer to the test result in the test report

Affirmation	Tested by Name : Minjung Kim (Signature)	Technical Manager Name : Kwonse Kim (Signature)
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2026-08-26

Eurofins KCTL Co.,Ltd.

As a test result of the sample which was submitted from the client, this report does not guarantee the whole product quality. This test report should not be used and copied without a written agreement by Eurofins KCTL Co.,Ltd.

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REPORT REVISION HISTORY

Date	Revision	Page No
2026-08-26	Originally issued	-

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General remarks for test reports

Statement concerning the uncertainty of the measurement systems used for the tests

(may be required by the product standard or client)

☐ Internal procedure used for type testing through which traceability of the measuring uncertainty has been established:

Procedure number, issue date and title:

Calculations leading to the reported values are on file with the testing laboratory that conducted the testing.

☒ Statement not required by the standard or client used for type testing

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2.1. Frequency/channel operations

This device contains the following capabilities:

WLAN 2.4 GHz_802.11b/g/n(HT20/40)/ax(HE20/40),

WLAN 5 GHz_802.11a/n(HT20/40)/ac(VHT20/40)/ax(HE20/40)

Ch.	Frequency (MHz)
01	2 412
.	.
06	2 437
.	.
11	2 462
12	2 467
13	2 472

Table 2.1.1. 802.11b/g/n/ax_HT20/HE20

Ch.	Frequency (MHz)
03	2 422
.	.
06	2 437
.	.
09	2 452
10	2 457
11	2 462

Table 2.1.2. 802.11n/ax_HT40/HE40

UNII-1

Ch.	Frequency (MHz)
36	5 180
40	5 200
48	5 240

UNII-3

Ch.	Frequency (MHz)
149	5 745
157	5 785
165	5 825

Table 2.1.3. 802.11a/n/ac/ax HT20/VHT20/HE20

UNII-1

Ch.	Frequency (MHz)
38	5 190
46	5 230

UNII-3

Ch.	Frequency (MHz)
151	5 755
159	5 795

Table 2.1.4. 802.11a/n/ac/ax HT40/VHT40/HE40

3. Measurement uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.4-2014+C63.4a-2017.

All measurement uncertainty values are shown with a coverage factor of $k=2$ to indicated a 95 % level of confidence. The measurement data shown herein meets or exceeds the U_{CISPR} measurement uncertainty values specified in CISPR 16-4-2 and thus, can be compared directly to specified limits to determine compliance.

Parameter	Expanded uncertainty ($\pm$)
Conducted RF power	0.9 dB

4. RF Exposure

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Regulation

This document is prepared to show compliance with the RF Exposure requirements as required in §1.1310 of the FCC rules and Regulations.

The limit for Maximum Permissible Exposure (MPE), specified in FCC §1.1310, is listed in Table 1-1. According to FCC §1.1310: the criteria listed in the following table shall be used to evaluate the environmental impact of human exposure to radio-frequency (RF) radiation as specified in §1.1307(b).

Table 1 – Limits for Maximum Permissible Exposure (MPE)

Frequency Range (MHz)	Electric Field Strength [V/m]	Magnetic Field Strength [A/m]	Power Density [mW/cm ²]	Averaging Time [minute]
(A) Limits for Occupational / Controlled Exposure				
0.3 ~ 3.0	614	1.63	*100	6
3.0 ~ 30	1842/f	4.89/f	*900/f ²	6
30 ~ 300	61.4	0.163	1.0	6
300 ~ 1 500	/	/	f/300	6
1 500 ~ 15 000	/	/	5	6
(B) Limits for General Population / Uncontrolled Exposure				
0.3 ~ 1.34	614	1.63	*100	30
1.34 ~ 30	824/f	2.19/f	*180/f ²	30
30 ~ 300	27.5	0.073	0.2	30
300 ~ 1 500	/	/	f/1 500	30
1 500 ~ 15 000	/	/	1.0	30

f=frequency in MHz, *= plane-wave equivalent power density

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Field reference level exposure exemption limits

Field reference level (FRL) exposure evaluation is required if the separation distance between the user and/or bystander and the device's radiating element is greater than 20 cm (i.e. mobile devices), except when the device operates as follows:

- below 20 MHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than 1 W (adjusted for tune-up tolerance)
- at or above 20 MHz and below 48 MHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than $4.49/f^{0.5}$ W (adjusted for tune-up tolerance), where f is in MHz
- at or above 48 MHz and below 300 MHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than 0.6 W (adjusted for tune-up tolerance)
- at or above 300 MHz and below 6 GHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than $1.31 \times 10^{-2} f^{0.6834}$ W (adjusted for tune-up tolerance), where f is in MHz
- at or above 6 GHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than 5 W (adjusted for tune-up tolerance)

In these cases, the information contained in the RF exposure technical brief may be limited to information that demonstrates how the EIRP was derived.

4.1. Test results

FCC

MPE (Maximum Permissible Exposure) Prediction

Predication of MPE limit at a given distance: Equation from page 18 of OET Bulletin 65, Edition 97-01

$$S = PG / 4\pi R^2 \quad (\Rightarrow R = \sqrt{PG / 4\pi S})$$

S = power density [mW/cm²]

P = Power input to antenna [mW]

G = Power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna [cm]

Calculation Result of RF exposure

Maximum tune-up tolerance

Channel	Frequency [MHz]	Max Tune-up Power [dBm]	Max Tune-up Power [mW]	Ant Gain [dBi]	Power density at 20 cm [mW/cm ²]	Limit [mW/cm ²]
2.4G_802.11b	2 412.00	13.50	22.39	3.06	0.009 01	1.00
5G_UNII-1_802.11n_HT40	5 230.00	5.50	3.55	2.10	0.001 14	1.00
5G_U-NII-3_802.11n_HT40	5 795.00	5.50	3.55	2.84	0.001 36	1.00

Notes:

- The calculation was performed using the source-based time-averaged power.

IC

RF Exposure evaluation

Calculation Result of Field reference level (FRL)

Mode	Frequency [MHz]	Max Tune up power [dBm]	Ant Gain [dBi]	E.I.R.P [dBm]	E.I.R.P [W]	Limit [W]
2.4G_802.11b	2 412.00	13.50	3.06	16.56	0.045 29	2.68
5G_UNII-1_802.11n_HT40	5 230.00	5.50	2.10	7.60	0.005 75	4.56
5G_U-NII-3_802.11n_HT40	5 795.00	5.50	2.84	8.34	0.006 82	4.89

Notes:

- e.i.r.p. (dBm) = Conducted output power(dBm) + Antenna gain(dBi)
- Limit (W) = $(1.31 \times 10^{-2} f^{0.6834})$, f is in MHz

End of test report