

Nemko Korea Co., Ltd.

165-51, Yurim-ro, Cheoin-gu, Yongin-si, Gyeonggi-do, 17042, Republic of Korea

TEL: +82 31 330-1700

FAX: +82 31 322 2332

FCC RF Exposure (MPE)

Project No. : NK-26-ETC-040**Dates of receipt :** September 3, 2026**Applicant :** ATsens Co., Ltd.**Dates of Issue :** September 17, 2026

Rm 1702, Ace High-End Tower 6th, 234

Test Site :

Beotkkot-ro, Geumcheon-gu, Seoul,

Nemko Korea Co., Ltd.

Republic of Korea

FCC ID :

2AWWS-ATP-C135

Applicant :

ATsens Co., Ltd.

Brand Name :**Model:**

ATP-C135

EUT Type:**Classification:**

FCC Part 15 Digital Transmission System (DTS)

Date of Test:

N/A

(Evaluated by calculation without test)

Applied Standard:

FCC 47 CFR Part 1.1310



Reported By : Heesu Ahn

Test Engineer



Reviewed By : Hoonpyo Lee

Technical Manager

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1. INTRODUCTION

1.1 Test facility

The measurement procedure described in American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz (ANSI C63.4-2014), the American National Standard for Testing Unlicensed Wireless Devices (ANSI C63.10-2020) was used in determining radiated and conducted emissions emanating.

These measurement tests were conducted at **Nemko Korea Co., Ltd.**

The site address 165-51, Yurim-ro, Cheoin-gu, Yongin-si, Gyeonggi-do, 17042, Rep. of Korea.

1.2 Accreditation and listing

Accreditation type		Accreditation number
	CAB Accreditation for DOC	Designation No. KR0026
	KOLAS Accredited Lab. (Korea Laboratory Accreditation Scheme)	Registration No. KT155
	Canada IC Registered site	Site No. 29506
	VCCI registration site(RE/CE/Telecom CE)	Member No. 2118
	EMC CBTL	TL124
	KCC(RRL)Designated Lab.	Registration No. KR0026

2. EUT INFORMATION & TEST CONDITIONS

2.1 EUT Information

2.1.1 Specifications

EUT Type	Ambulatory ECG Monitor
Model Name	ATP-C135
Frequency of Operation	2 402 MHz ~ 2 480 MHz
Peak Output Power (Conducted)	-3.15 dBm
Number of Channels	40 CH
Modulations	GFSK
Antenna Gain (peak)	-0.19 dBi
Antenna Setup	1TX / 1RX
EUT Rated Voltage	VDC 3.0 V
EUT Test Voltage	VDC 3.0 V
Remarks	Ref. RF Test report No.: 26-044031-01-1 / KTL

2.2 Operation During Test

2.2.1 Table of Test power setting

Frequency	Mode	Modulation	Power setting Level
2 402 MHz ~ 2 480 MHz	BLE 1Mbps	GFSK	Default

2.2.2 Table of Test frequency

Frequency band	Modulation	Test Channel (CH)	Frequency (MHz)
2.4 GHz	GFSK	01	2 402
		20	2 440
		40	2 480

2.2.3 Antenna Information

Frequency band	Modulation	Antenna TX mode	Support CDD	Support MIMO
2.4 GHz	GFSK	☒ 1TX, ☐ 2TX	☐ Yes, ☒ No	☐ Yes, ☒ No

3. RF Exposure Test Exemptions

Calculation Result of RF exposure

MPE (Maximum Permissive Exposure) Prediction

According to FCC KDB 447498 D01 v07 Appendix B, at frequency 2450 MHz and separation distance of ≤ 5 mm SAR Exemption limit is ≤ 3 mW.

- Bluetooth LE

Mode	Frequency [MHz]	Max Tune-up Power [dBm]	Max Tune-up Power [mW]	Ant Gain [dBi]	Max EIRP [mW]	SAR Exemption limit [mW]
Bluetooth LE	2 402	0.00	1.00	-0.19	0.96	3

Note 1: Max Tune-up Power = Max average conducted power including tolerance.

Note 2: Max Tune-up Power is without considering the duty cycle.

Results: SAR evaluation is not required since the higher of the maximum conducted or equivalent isotopically radiated power (EIRP) source-based, time averaged output power is below the exemption limit.