

RF Exposure Evaluation

of

E.U.T. : EMERGENCY HELP DIALER

FCC ID : PM6HOMPETHP-919

MODEL : HP-919

Working Frequency : 433.61MHz

for

APPLICANT : HOMPET ENTERPRISE CO., LTD.

ADDRESS : No.2, Lane. 80, Xing'an St., Zhongshan
Dist., Taipei City 104109, Taiwan
(R.O.C.)

Test Performed by

Taiwan Testing and Certification Center

NO. 34. LIN 5, DINGFU VIL., LINKOU DIST., NEW
TAIPEI CITY, TAIWAN, 24442, R.O.C.

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Report Number : 24-08-RBF-013-MPE

TEST REPORT CERTIFICATION

Applicant : HOMPET ENTERPRISE CO., LTD.
Manufacturer : HOMPET ENTERPRISE CO., LTD.

a) Type of EUT : EMERGENCY HELP DIALER
b) Trade Name : HOMPET
c) Model No. : HP-919
d) Test Series Model : ---
e) Series Model : ---
f) FCC ID : PM6HOMPETHP-919
g) Working Frequency : 433.61 MHz
h) Power Supply : Adapter : Input:100-240V , 50/60Hz
Output:12V , 0.5A
or
DC 9V Battery

Regulation Applied : FCC KDB447498 D01. The equipment fulfills the requirements on power density for general population/uncontrolled exposure and therefore fulfills the requirements of section 1.1310 of FCC 47 CFR Part 1.

Note:

1. The result of the testing report relate only to the item tested.
2. The testing report shall not be reproduced except in full, without the written approval of ETC

Date Test Item Received : 2024/08/29

Date Test Campaign Completed : 2025/01/22

Date of Issue : 2025/01/23

Test Engineer

Vincent Chang
(Vincent Chang, Engineer)

Approve & Authorized

Kevin Lee
Kevin Lee, Section Manager
EMC Dept. II of TAIWAN TESTING
AND CERTIFICATION CENTER



Product Information:

Type of EUT: EMERGENCY HELP DIALER
 FCC ID: PM6HOMPETHP-919
 Model: HP-919
 Test Series Model: ---
 Series Model: ---

According to KDB 447498 section 4.3.1, the 1-g SAR test exclusion thresholds at test separation distance ≤ 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$$

The max. average power of channel, including tune-up tolerance(mW) is 0.040mW @ 433.61MHz (With Tune-up tolerance),

The min. test separation distance (mm) is 5 mm,

So, $[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] = 0.005 < 3.0$ (With Tune-up tolerance).

Therefore, standalone SAR measurements are not required for both head and body

Radiated Test Equipment:

Equipment	Manufacturer	Model No.	Calibration Date	Next Cal. Date
EMI Test Receiver	Rohde & Schwarz	ESU40 (13054416-001)	2024/03/04	2025/03/03
Bi-Log Antenna with 5dB Pad (3m)	ETC & JYE BAO	MCTD 2786 & FATS-NM5NF5S3G2W5(130576 18-002 & RF-002)	2023/09/13	2024/09/12
Amplifier	HP	8447D (13054402-001)	2024/09/11	2024/09/10

Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Frequency	Uncertainty
Radiated emissions / Effective Radiated Power	30MHz ~ 1GHz	$\pm 5.10\text{dB}$ (H) (with tilting) $\pm 5.20\text{dB}$ (H) (without tilting) $\pm 5.26\text{dB}$ (V) (with tilting) $\pm 6.32\text{dB}$ (V) (without tilting)
		$\pm 5.18\text{dB}$ (1GHz $\leq f \leq$ 6GHz) $\pm 5.48\text{dB}$ (Above 6GHz)

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

The test result(s) does not consider the uncertainty of measurement when the test standard(s) and/or test method which refer by the labs has the limit or judgments for the test result(s).