

TEST REPORT

Report Number..... : **ZKT-2104061094E-1**

Date of Test..... Apr. 08, 2021 to Apr. 13, 2021

Date of issue..... : Apr. 13, 2021

Total number of pages..... 7

Test Result : PASS

Testing Laboratory..... : **Shenzhen ZKT Technology Co., Ltd.**

Address : 1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue, Fuhai Street, Bao'an District, Shenzhen, China

Applicant's name : **Elitech Technology, Inc.**

Address : 2528 Qume Dr, Ste 2 San Jose, CA 95131.

Manufacturer's name : **Jiangsu Jingchuang Electronics Co.,Ltd.**

Address : No.21 Zhujiang East Road, 3rd Industrial Park, High-tech Industrial Development Zone, Xuzhou, Jiangsu, China

Test specification:

Standard..... : EN 62479:2010
EN 50663:2017

Test procedure..... : /

Non-standard test method : N/A

This device described above has been tested by ZKT, and the test results show that the equipment under test (EUT) is in compliance with the 2014/53/EU RED Directive Art.3.1(a) requirements. And it is applicable only to the tested sample identified in the report.

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Product name..... : manifold gauge

Trademark : N/A

Model/Type reference..... : EMG-40V
MS-1000, MS-1000S, MS-2000, MS-2000S, MS-3000, MS-3000S,
MS-4000, MS-4000S, EMG-10V, EMG-10VW, EMG-20V,
EMG-20VW, EMG-30V, EMG-30VW, EMG-40V, EMG-40VW

Ratings..... : Input: 5V---2A,
DC3.7V 5000mAh by battery

Testing procedure and testing location:

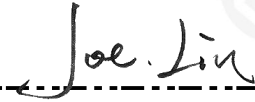
Testing Laboratory.....: **Shenzhen ZKT Technology Co., Ltd.**

Address.....: 1/F, No. 101, Building B, No. 6, Tangwei Community
Industrial Avenue, Fuhai Street, Bao'an District,
Shenzhen, China

Tested by (name + signature).....: **Alen He**



Reviewer (name + signature).....: **Joe Liu**



Approved (name + signature).....: **Lake Xie**



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1. Version

Report No.	Issue Date	Description	Approved
ZKT-2104061094E-1	Apr. 13, 2021	Original	Valid

2. GENERAL INFORMATION

Product Name:	manifold gauge
Model No.:	EMG-40V MS-1000, MS-1000S, MS-2000, MS-2000S, MS-3000, MS-3000S, MS-4000, MS-4000S, EMG-10V, EMG-10VW, EMG-20V, EMG-20VW, EMG-30V, EMG-30VW, EMG-40V, EMG-40VW
Operation Frequency:	2402MHz-2480MHz
Antennal type:	PCB Antenna, Maximum Gain is 0dBi
Modulation:	GFSK
Power supply:	Input: 5V---2A, DC3.7V 5000mAh by battery

3. EN 62479 REQUIREMENT

3.1 GENERAL INFORMATION

According to its specifications, the EUT must comply with the requirements of the following standards:

EN 62479: 2010 [Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)]

3.2 LIMIT

A. Typical usage, installation and the physical characteristics of equipment make it inherently compliant with the applicable EMF exposure levels such as those listed in the bibliography. This low-power equipment includes unintentional (or non-intentional) radiators, for example incandescent light bulbs and audio/visual (A/V) equipment, information technology equipment (ITE) and multimedia equipment (MME) that does not contain radio transmitters.

NOTE Equipment is described as A/V equipment, ITE or MME if its main use is playback/recording of music, voice or images, or processing of digital information.

B. The input power level to electrical or electronic components that are capable of radiating electromagnetic energy in the relevant frequency range is so low that the available antenna power and/or the average total radiated power cannot exceed the low-power exclusion level defined in 4.2.

C. The available antenna power and/or the average total radiated power are limited by product standards for transmitters to levels below the low-power exclusion level defined in 4.2.

D. Measurements or calculations show that the available antenna power and/or the average total radiated power are below the low-power exclusion level defined in 4.2.

4. RESULT

The available antenna power of this EUT is **1.64mW(2.15dBm)**, the power are below the low-power exclusion level defined in 4.2(Pmax: 20mW).”

***** END OF REPORT *****