# TEST REPORT

<table>
<thead>
<tr>
<th>Report Number</th>
<th>ZKT-2104061094E-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Test</td>
<td>Apr. 08, 2021 to Apr. 13, 2021</td>
</tr>
<tr>
<td>Date of issue</td>
<td>Apr. 13, 2021</td>
</tr>
<tr>
<td>Total number of pages</td>
<td>7</td>
</tr>
<tr>
<td>Test Result</td>
<td>PASS</td>
</tr>
</tbody>
</table>

**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 Zhuijiang 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:

<table>
<thead>
<tr>
<th>Testing Laboratory:</th>
<th>Shenzhen ZKT Technology Co., Ltd.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address:</td>
<td>1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue, Fuhai Street, Bao'an District, Shenzhen, China</td>
</tr>
</tbody>
</table>

Tested by (name + signature):  
Alen He

Reviewer (name + signature):  
Joe Liu

Approved (name + signature):  
Lake Xie
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1. Version

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<tr>
<th>Report No.</th>
<th>Issue Date</th>
<th>Description</th>
<th>Approved</th>
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<tr>
<td>ZKT-2104061094E-1</td>
<td>Apr. 13, 2021</td>
<td>Original</td>
<td>Valid</td>
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## 2. GENERAL INFORMATION

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>manifold gauge</th>
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<tbody>
<tr>
<td>Model No.:</td>
<td>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</td>
</tr>
<tr>
<td>Operation Frequency:</td>
<td>2402MHz-2480MHz</td>
</tr>
<tr>
<td>Antennal type:</td>
<td>PCB Antenna, Maximum Gain is 0dBi</td>
</tr>
<tr>
<td>Modulation:</td>
<td>GFSK</td>
</tr>
<tr>
<td>Power supply:</td>
<td>Input: 5V±2A, DC3.7V 5000mAh by battery</td>
</tr>
</tbody>
</table>
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)."