

## RF Exposure Evaluation Report

**Report Reference No.**..... : **MTEB24060173-H**

**FCC ID**..... : **2AS8ABE21T**

Compiled by

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**Applicant's name**.....: **Shenzhen Jamr Technology Co., Ltd.**

Address.....: A101-301, D101-201, Jamr Science & Technology Park, No. 2  
Guiyuan Road, Guixiang Community, Guanlan Street, Longhua  
District, 518100 Shenzhen, PEOPLE'S REPUBLIC OF CHINA

**Test specification/ Standard**.....: **47 CFR Part 1.1307**  
**47 CFR Part 2.1093**

TRF Originator.....: Shenzhen Most Technology Service Co., Ltd.

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**Test item description**.....: Blood Pressure Monitor

Trade Mark.....: N/A

Model/Type reference.....: BE21T

Listed Models .....: N/A

Modulation Type.....: GFSK

Operation Frequency.....: From 2402MHz to 2480MHz

Hardware Version.....: JMR\_PCB\_BE21T\_AC621\_A\_V1.1

Software Version.....: V1

Rating.....: DC 5V by USB Port  
DC 4.5V by Batteries

Result.....: PASS

# TEST REPORT

Equipment under Test : Blood Pressure Monitor

Model /Type : BE21T

Listed Models : N/A

Remark : N/A

Applicant : Shenzhen Jamr Technology Co., Ltd.

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Guiyuan Road, Guixiang Community, Guanlan Street, Longhua  
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Manufacturer : Shenzhen Jamr Technology Co., Ltd

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Guiyuan Road, Guixiang Community, Guanlan Street, Longhua  
District, 518100 Shenzhen, PEOPLE'S REPUBLIC OF CHINA

<b>Test Result:</b>	<b>PASS</b>
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The test report merely corresponds to the test sample.  
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

## 1. Revision History

Revision	Issue Date	Revisions	Revised By
00	2024.06.13	Initial Issue	Alisa Luo

## 2. SAR Evaluation

### 2.1 RF Exposure Compliance Requirement

#### 2.1.1 Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06

#### 4.3.1. Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

#### 2.1.2 Limits

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq 50$  mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}]$   
 $\leq 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR, where

$f(\text{GHz})$  is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation<sup>17</sup>

. The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm is applied to determine SAR test exclusion

2.1.3 EUT RF Exposure

Measurement Data

BLE

GFSK			
Test channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power
			(dBm)
Lowest(2402MHz)	2.414	2.414 ± 1	3.414
Middle(2440MHz)	1.989	1.989 ± 1	2.989
Highest(2480MHz)	2.604	2.604 ± 1	3.604

Worst case: GFSK						
Channel	Maximum Peak Conducted Output Power (dBm)	Maximum tune-up Power		Calculated value	Exclusion threshold	SAR Test Exclusion
		(dBm)	(mW)			
Highest(2480MHz)	2.604	3.604	2.29	0.72	3.0	Yes

.....THE END OF REPORT.....