

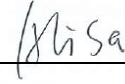
## RF Exposure Evaluation Report

**Report Reference No.....: MTEB23030430-H**

**FCC ID.....: 2A7D4-MY002**

Compiled by

( position+printed name+signature)..: File administrators Alisa Luo



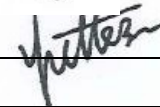
Supervised by

( position+printed name+signature)..: Test Engineer Sunny Deng



Approved by

( position+printed name+signature)..: Manager Yvette Zhou



Date of issue.....: **April 13,2023**

**Representative Laboratory Name.: Shenzhen Most Technology Service Co., Ltd.**

Address.....: No.5, 2nd Langshan Road, North District, Hi-tech Industrial Park,  
Nanshan, Shenzhen, Guangdong, China.

**Applicant's name.....: shenzhen beefore technology Co.,LTD**

Address.....: 1003, No. 57, Chilingtouxinercun Gaofeng Community,Dalang  
Street, Longhua New District,Shenzhen,Guangdong,518000,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.....: TWS**

Trade Mark.....: SQRMINI

Model/Type reference.....: MY002

Listed Models .....: N/A

Modulation Type.....: GFSK,  $\pi/4$ DQPSK, 8DPSK

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

Hardware Version.....: V1.0

Software Version.....: V1.0

Rating.....: DC 3.7V(by battery)

DC 5V(by USB)

Result.....: **PASS**

## TEST REPORT

Equipment under Test : TWS

Model /Type : MY002

Applicant : shenzhen beeforo technology Co.,LTD

Address : 1003, No. 57, Chilingtouxinercun Gaofeng Community,Dalang Street,  
Longhua New District,Shenzhen,Guangdong,518000,China

Manufacturer : shenzhen beeforo technology Co.,LTD

Address : 1003, No. 57, Chilingtouxinercun Gaofeng Community,Dalang Street,  
Longhua New District,Shenzhen,Guangdong,518000,China

**Test Result:**

**PASS**

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	2023.04.13	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

BT classic

GFSK			
Test channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power
			(dBm)
Lowest(2402MHz)	-1.854	0.68 ± 1	-0.854
Middle(2440MHz)	-1.22	0.58 ± 1	-0.22
Highest(2480MHz)	-1.251	0.24 ± 1	-0.251

π /4DQPSK			
Test channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power
			(dBm)
Lowest(2402MHz)	-1.015	0.24 ± 1	-0.015
Middle(2440MHz)	-0.379	0.18 ± 1	0.621
Highest(2480MHz)	-0.401	0.42 ± 1	0.599

8DPSK			
Test channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power
			(dBm)
Lowest(2402MHz)	-0.613	0.13 ± 1	0.387
Middle(2440MHz)	0.01	0.28 ± 1	1.01
Highest(2480MHz)	0.032	0.34 ± 1	1.032

Worst case: GFSK						
Channel	Maximum Peak Conducted Output Power (dBm)	Maximum tune-up Power		Calculated value	Exclusion threshold	SAR Test Exclusion
		(dBm)	(mW)			
Lowest (2402MHz)	0.032	1.032	1.27	0.39	3.0	Yes

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