



Product Name: Portable Bluetooth Speaker	Report No: FCC022022-1377MPE
Product Model: BTR8801 BTR8802,BTR8805,BTR8808,BTR8809, BTR8810,BTR8812,BTR8815	Security Classification: Open
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## TIRT Testing Report

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# FCC RF EXPOSURE REPORT

## FCC ID: 2A6MV-BTR8801

**Equipment** : Portable Bluetooth Speaker  
**Model Number** : BTR8801  
BTR8802,BTR8805,BTR8808,BTR8809,  
BTR8810,BTR8812,BTR8815  
**Trade Mark** : SOJBODOS  
**Product No.** : 20220328004147  
**Applicant** : EDUP, INC.  
**Address** : 131-05 40th ROAD, 17J, FLUSHING, NEW YORK, United States  
**Manufacturer** : EDUP, INC.  
**Address** : 131-05 40th ROAD, 17J, FLUSHING, NEW YORK, United States  
**Factory** : EDUP, INC.  
**Address** : 131-05 40th ROAD, 17J, FLUSHING, NEW YORK, United States  
**Date of Test** : 2022.03.28~2022.05.29  
**Receipt Date** : 2022.03.28  
**Test Sample** : Final Sample  
**Standard(s)** : 47 CFR Part 1.1307  
47 CFR Part 2.1093  
KDB447498D01 General RF Exposure Guidance v06

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## History of this test report

Original Report Issue Date: 2022.05.29

- ☒ No additional attachment
- ☐ Additional attachments were issued following record

Attachment No.	Issue Date	Description

## 1. RF Exposure Compliance Requirement

### 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 is satisfied.

### 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:

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

$$[\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where}$$

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

Power and distance are rounded to the nearest mW and mm before calculation

The result is rounded to two 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

### 1.3 EUT RF EXPOSURE

The Max. power (including tune-up tolerance) is  $2.69+1.7=4.39$  dBm on the Highest channel 2.402 GHz (\*)

4.39 dBm logarithmic terms convert to numeric result is nearly 2.75 mW

According to the formula. calculate the test exclusion thresholds:

General RF Exposure =  $(2.75 \text{ mW} / 5 \text{ mm}) \times \sqrt{2.402 \text{ GHz}} = 0.85(1)$

SAR requirement:

$S = 3.0 (2)$

$(1) < (2)$

So the SAR report is not required.

(\*) Max. power refer to Report No.: FCC022022-1377RF6

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(END OF REPORT)