

# RF EXPOSURE REPORT

| Applicant | The House of Marley.LLC   |
|-----------|---|
| Address   | 3000 Pontiac Trail, Commerce Township, Michigan 48390 United States |

| Manufacturer or Supplier            | The House of Marley.LLC   |  |
|-------------------------------------|---|--|
| Address                             | 3000 Pontiac Trail, Commerce Township, Michigan 48390 United States |  |
| Product                             | GET TOGETHER MINI   |  |
| Brand Name                          | <b>☆</b>  |  |
| Model                               | EM-JA013A   |  |
| Additional Model & Model Difference | N/A   |  |
| Date of tests                       | Mar. 19, 2021 ~ Apr. 19, 2021                                       |  |

- **KDB 447498 D01**
- **◯** IEEE C95.1

#### CONCLUSION: The submitted sample was found to **COMPLY** with the test requirement

| Tested by Aaron Liang<br>Project Engineer / EMC Department | Approved by David Huang<br>Supervisor/ EMC Department |  |
|--|---|--|
| Aaron Liong  | David Huang   |  |
|  | Date: Apr. 21, 2021                                   |  |

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## **RELEASE CONTROL RECORD**

| ISSUE NO.     | REASON FOR CHANGE | DATE ISSUED   |
|---------------|-------------------|---------------|
| FM2103WSZ0060 | Original release  | Apr. 21, 2021 |

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## 1. CERTIFICATION

| FCC ID:         | PVB-GTMINIA                 |  |  |
|-----------------|-----------------------------|--|--|
| PRODUCT:        | GET TOGETHER MINI           |  |  |
| BRAND NAME:     | N/A                         |  |  |
| MODEL NO.:      | EM-JA013A                   |  |  |
| ADDITIONAL NO.: | N/A                         |  |  |
| APPLICANT:      | The House of Marley.LLC     |  |  |
| STANDARDS:      | FCC Part 2 (Section 2.1091) |  |  |
|                 | KDB 447498 D01              |  |  |
|                 | IEEE C95.1                  |  |  |



#### 2. RF EXPOSURE LIMIT

#### LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

| FREQUENCY<br>RANGE (MHz)                              | ELECTRIC FIELD<br>STRENGTH (V/m) | MAGNETIC FIELD<br>STRENGTH (A/m) |     | AVERAGE TIME (minutes) |  |  |
|---|----------------------------------|----------------------------------|-----|------------------------|--|--|
| LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE |                                  |                                  |     |                        |  |  |
| 300-1500 F/1500 30                                    |                                  |                                  |     |                        |  |  |
| 1500-100,000  |                                  |                                  | 1.0 | 30                     |  |  |

F = Frequency in MHz

### 3. MPE CALCULATION FORMULA

 $Pd = (Pout*G) / (4*pi*r^2)$ 

where

Pd = power density in mW/cm<sup>2</sup>

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 3.1416

R = distance between observation point and center of the radiator in cm

#### 4. CLASSIFICATION

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Mobile Device**.



### 5. ANTENNA GAIN

The antennas provided to the EUT, please refer to the following table:

| Transmitter<br>Circuit | Peak Gain (dBi) | Antenna<br>Type |  |
|------------------------|-----------------|-----------------|--|
| Chain 0                | 1.6             | FPC Antenna     |  |

### 6. CALCULATION RESULT OF MAXIMUM CONDUCTED AV POWER

The tuned conducted Average Power (declared by client)

| Mode                   | Frequency<br>(MHz) | Target Power (dBm) | Tolerance<br>(dBm) | Lower<br>Tolerance<br>(dBm) | Upper<br>Tolerance<br>(dBm) |
|------------------------|--------------------|--------------------|--------------------|-----------------------------|-----------------------------|
| GFSK                   | 2402-2480          | 1                  | ±2                 | -1                          | 3                           |
| 8DPSK                  | 2402-2480          | 1                  | ±2                 | -1                          | 3                           |
| BT-LE GFSK<br>(1 Mbps) | 2402-2480          | 1                  | ±2                 | -1                          | 3                           |

The measured conducted Average Power

|                        | 9                  |                      |
|------------------------|--------------------|----------------------|
| Mode                   | Frequency<br>(MHz) | Averaged Power (dBm) |
| GFSK                   | 2402               | 0.98                 |
| 8DPSK                  | 2480               | 1.18                 |
| BT-LE GFSK<br>(1 Mbps) | 2440               | 1.11                 |

| FREQUENCY<br>BAND<br>(MHz) | MAX AVERAGE<br>POWER<br>(dBm) | ANTENNA<br>GAIN<br>(dBi) | DISTANCE<br>(cm) | POWER<br>DENSITY<br>(mW/cm²) | LIMIT<br>(mW/cm²) |
|----------------------------|-------------------------------|--------------------------|------------------|------------------------------|-------------------|
| 2402-2480                  | 3                             | 1.6                      | 20               | 0.00057                      | 1                 |

--- END ---

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