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	Stir it Up Wireless Turntable, Simmer Down Wireless Turntable
Brand Name	Marley, MARLEY
Model	EM-JT002A
Additional Model & Model Difference	EM-JT003A, EM-JT002B, EM-JT003B; See item 1.1
Date of tests	Jan. 20, 2022 ~ April. 28, 2022

☒ **FCC Part 2 (Section 2.1091)**

☒ **KDB 447498 D01**

☒ **IEEE C95.1**

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

Tested by Lucas Chen Project Engineer / EMC Department	Approved by Glyn He Assistant Manager / EMC Department
	 Date: Jul. 05, 2022

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM2201WDG0154	Original release	Jul. 05, 2022

1. CERTIFICATION

FCC ID:	PVB-EMJT002A
PRODUCT:	Stir it Up Wireless Turntable, Simmer Down Wireless Turntable
BRAND NAME:	Marley, MARLEY
MODEL NO.:	EM-JT002A
ADDITIONAL NO.:	EM-JT003A, EM-JT002B, EM-JT003B
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 RANGE (MHz)	ELECTRIC FIELD STRENGTH (V/m)	MAGNETIC FIELD STRENGTH (A/m)	POWER DENSITY (mW/cm^2)	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^2

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 Circuit	Peak Gain (dBi)	Antenna Type
Chain 0	0	PCB Antenna

6. CALCULATION RESULT OF MAXIMUM CONDUCTED AV POWER

The tuned conducted Average Power (declared by client)

Mode	Frequency (MHz)	Target Power (dBm)	Tolerance (dBm)	Lower Tolerance (dBm)	Upper Tolerance (dBm)
GFSK	2402-2480	3	+-2	1	5
8DPSK	2402-2480	2	+-2	0	4

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
GFSK	2480	3.98
8DPSK	2480	2.74

FREQUENCY BAND (MHz)	MAX AVERAGE POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
2402-2480	5	0	20	0.00063	1.0

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