

# RF EXPOSURE REPORT

Applicant	FKA Distributing Co., LLC
Address	3000 N. Pontiac Trail, Commerce Township, Michigan, 48390, United States



Manufacturer or Supplier	FKA Distributing Co., LLC
Address	3000 N. Pontiac Trail, Commerce Township, Michigan, 48390, United States
Product	Sound Stream + Turntable
Brand Name	JAM
Model	HX-TT700
Additional Model & Model Difference	HX-TT700-WD-WW, HX-TT700-BK-WW. See section 1
Date of tests	Jul. 16, 2021 ~ Aug. 12, 2021

☒ **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 Andy Zhu Supervisor / EMC Department	Approved by Glyn He Assistant Manager / EMC Department
	

Date: Sep. 13, 2021

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Test Report No.: FM2107WDG0218

## RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM2107WDG0218	Original release	Sep. 13, 2021

## 1. CERTIFICATION

<b>FCC ID:</b>	TG3-HXTT700
<b>PRODUCT:</b>	Sound Stream + Turntable
<b>BRAND NAME:</b>	JAM
<b>MODEL NO.:</b>	HX-TT700
<b>ADDITIONAL NO.:</b>	HX-TT700-WD-WW, HX-TT700-BK-WW
<b>APPLICANT:</b>	FKA Distributing Co., LLC
<b>STANDARDS:</b>	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1

NOTE: Additional models (see about table) are identical with the test model HX-TT700 except the appearance and model name for trading purpose.

## 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 <sup>2</sup> )	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

$$P_d = (P_{out} \cdot G) / (4 \cdot \pi \cdot r^2)$$

where

$P_d$  = power density in mW/cm<sup>2</sup>

$P_{out}$  = 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	2	+1	1	3
8DPSK	2402-2480	2	+1	1	3

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
GFSK	2480	2.36
8DPSK	2480	1.94

FREQUENCY BAND (MHz)	MAX AVERAGE POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm <sup>2</sup> )	LIMIT (mW/cm <sup>2</sup> )
2402-2480	3	0	20	0.0004	1.0

--- END ---