

Radio frequency radiation exposure evaluation: portable devices

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Test Specification

Test item	:	treadmill
Identification / Type No.	:	JF-H-40MA
FCC ID	:	2A48I-JFMA
Test standard	:	CFR47 FCC Part 2: Section 2.1093 FCC KDB Publication 447498 v06

Measurement Record:

$$\text{EIRP[dBm]} = \text{E[dBuV/m]} - 95.2 = 80.53 - 95.2 = -14.67 \text{ dBm}$$

Since maximum peak output power of the transmitter is $-14.67 \text{ dBm} \approx 0.03 \text{ mW} < 22 \text{ mW}$.

Hence the EUT is excluded from SAR evaluation according to FCC KDB Publication 447498 D01 General RF Exposure Guidance v06.