

Safety Human Exposure

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Test Specification

Test item	: DOMYOS Fitness Treadmill
Identification / Type No.	: RUN100E 110V US CA
FCC ID	: 2A8UORUN100E
IC	: 24468-RUN100E
HVIN	: RUN100E 110V US CA
Test standard	: CFR47 FCC Part 2: Section 2.1093 CFR47 FCC Part 1: Section 1.1310 FCC KDB Publication 447498 v06 RSS-102 Issue 5 February 2021

Measurement Record:

The minimum distance for the EUT is less than 5mm.

For FCC:

BLE: Since maximum peak output power of the transmitter is 3.572 dBm ≈ 2.276 mW $< \frac{3 \cdot d}{\sqrt{f}} = 9.52$ mW.

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

For IC:

BLE:

maximum peak output power of the transmitter is 3.572 dBm ≈ 2.276 mW

Antenna Gain: -6.5dBi

The maximum e.i.r.p. of the transmitter is -2.928 dBm (0.51 mW), which is far below the SAR exclusion threshold level 4 mW ≈ 6.02 dBm.

Hence the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 5.