

Maximum Permissible Exposure

FCC ID: AK8HIDB70

Product Name: Information Alarm Clock

Model No: (1)HID-B70 (2)HID-B7

SONY CORPORATION. declares that the product described above has been evaluated and found to comply with the RF exposure limits for humans, as specified based on ANSI/FCC recommendation. Based on safety distance 20cm, the antenna gain is 1.0dBi, and the power output is 171.395mW, the power density is 0.0429mW/cm².

RF Exposure Calculations:

$$S = (P * G) / (4 * \pi * r^2) \text{ or } r = \sqrt{(P * G) / (4 * \pi * S)}$$

Where S = Power Density in mW/cm²

P = 22.34dBm = 171.395mW

G = -0.67dBi = 1.258 Numerical

r = 20cm

$$S = 171.395 * 1.258 / (4 * \pi * 20^2) = 0.0429 \text{mW/cm}^2$$

Sincerely,



Leon Liu/Deputy General Manager
AUDIX Technology Corporation