

Maximum Permissive Exposure

FCC ID: AK8LLS201
IC : 409B-LLS201
Product Name: Personal Content Station
Model No: LLS-201

2.4GHz band:

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 of 2.4GHz is 0.8 dBi, and the power output is 152.0547mW, the power density is 0.03636 mW/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 = 21.82dBm =152.0547mW
G = 0.8 dBi = 1.202 Numerical
r = 20cm

$$S = 152.0547 * 1.202 / (4 * \pi * 20^2) = 0.03636 \text{mW/cm}^2$$

5.2GHz band:

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 of 2.4GHz is 3.3 dBi, and the power output is 8.8715mW, the power density is 0.00377 mW/cm².

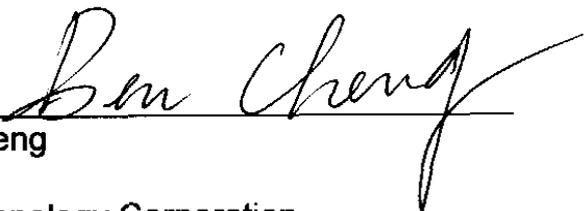
RF Exposure Calculations:

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

Where S = Power Density in mW/cm²
P = 9.48dBm =8.8715mW
G = 3.3 dBi = 2.1379 Numerical
r = 20cm

$$S = 8.8715 * 2.1379 / (4 * \pi * 20^2) = 0.00377 \text{mW/cm}^2$$

Sincerely Yours,



Mr. Ben Cheng
Manager
AUDIX Technology Corporation