

Maximum Permissive Exposure

FCC ID: AZPT14SG-24G
Product Name: Radio Control
Model No: T14SG

Futaba 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 1.5 dBi, and the power output is 48.194mW in FASST which is the highest power of 3 modes, the power density is 0.0135 mW/cm².

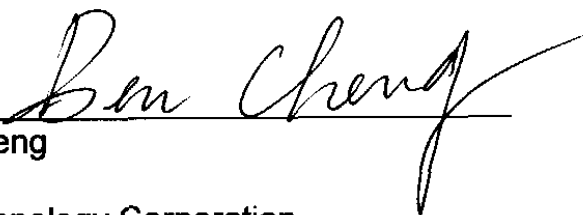
RF Exposure Calculations:

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

Where S = Power Density in mW/cm²
P = 16.83dBm =48.194mW
G = 1.5 dBi = 1.41 Numerical
r = 20cm

$$S = 48.194 * 1.41 / 4 * \pi * 20^2 = 0.0135 \text{mW/cm}^2$$

Sincerely Yours,



Mr. Ben Cheng
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