

Maximum Permissive Exposure

FCC ID: AZPFX-20-24G
Product Name: Radio Control
Model No: FX-20

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 is 1.5dBi, and the power output is 39.90mW, the power density is 0.0112mW/cm².

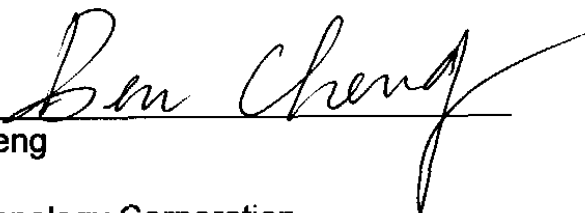
RF Exposure Calculations:

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

Where S = Power Density in mW/cm²
P = 16.01dBm = 39.90mW
G = 1.5dBi = 1.412 Numerical
r = 20cm

$$S = 1.6527 * 2.238 / 4 * \pi * 20^2 = 0.0112 \text{mW/cm}^2$$

Sincerely Yours,



Mr. Ben Cheng
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