

# Maximum Permissible Exposure

FCC ID: AZPR7008SB-24G  
Product Name: Radio Control  
Model No: R7008SB

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 -1.16dBi, and the power output is 36.14mW, the power density is 0.0055mW/cm<sup>2</sup>.

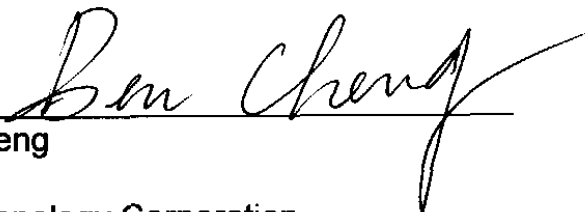
RF Exposure Calculations:

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

Where S = Power Density in mW/cm<sup>2</sup>  
P = 15.580dBm = 36.14mW  
G = -1.16dBi = 0.766 Numerical  
r = 20cm

$$S = 36.14 * 0.766 / (4 * \pi * 20^2) = 0.0055 \text{ mW/cm}^2$$

Sincerely Yours,



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