

Declaration of Compliance

FCC ID: AZPFHSS1-24G
Product Name: Radio Control
Model No: FHSS1-24G

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 2.14dBi, and the power output is 17.824mW, the power density is 0.0058mW/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 = 12.51dBm = 17.824mW
G = 2.14dBi = 1.637 Numerical
r = 20cm

$$S = 17.824 * 1.637 / 4 * \pi * 20^2 = 29.178 / 5026.56 = 0.0058 \text{ mW/cm}^2$$

Sincerely Yours,



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