

Declaration of Compliance

FCC ID: AZPR3006SB-24G
Product Name: Radio Control
Model No: R3006SB

In Radio Technology: T-FHSS Modulation

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 -5.16 dBi, and the power output is 24.378mW, the power density is 0.0015mW/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 = 13.87dBm = 24.378mW

G = -5.16 dBi = 0.305 Numerical

r = 20cm

$$S = 24.378 * 0.305 / 4 * \pi * 20^2 = 0.0015 \text{mW/cm}^2$$

Sincerely Yours,



Mr. Ben Cheng
Manager
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