

# 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/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>

$$P = 13.87\text{dBm} = 24.378\text{mW}$$

$$G = -5.16 \text{ dBi} = 0.305 \text{ Numerical}$$

$$r = 20\text{cm}$$

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

Sincerely Yours,



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Mr. Ben Cheng  
Manager  
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