

Declaration of Compliance

FCC ID: AZPTMSS2-24G
Product Name: Radio Control
Model No: TMSS2-2.4G

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 1.64dBi, and the power output is 54.325mW, the power density is 0.01575mW/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 = 17.35dBm = 54.325mW
G = 1.64dBi = 1.458 Numerical
r = 20cm

$$S = 54.325 * 1.458 / 4 * \pi * 20^2 = 0.01575 \text{mW/cm}^2$$

Sincerely Yours,



Toshihiro Yamaguchi
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