

# Declaration of Compliance

FCC ID: AZP-FDQ02T

Product Name: Wireless Modem with Serial Interface

Model No: FDQ02T

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 60.67mW, the power density is 0.0176mW/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 = 17.83dBm = 60.67mW

G = 1.64dBi = 1.4588 Numerical

r = 20cm

$$S = 60.67 * 1.4588 / 4 * \pi * 20^2 = 0.0176 \text{mW/cm}^2$$

Sincerely Yours,



Nobumitsu Kanetsuna  
Futaba Corporation