

Declaration of Compliance

FCC ID : AZP-FDP02

Product Name : 2.4GHz Embedded Type Wireless Modem

Model Number : FDP02

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 **0dBi**, and the power output is **0.946mW**, the power density is **0.00019mW/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 = **-0.24dBm = 0.946mW**

G = **0dBi = 1.0** Numerical

r = 20cm

S = **0.946*1 / 4*\pi* 20^2 = 0.946/5026.56= 0.00019mW/cm²**

Limit MPE < 1mW/cm²

Result: Passed

Signature:



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