Declaration of Compliance

FCC ID: AZPFHSSBI-24G
Product Name: Radio Control
Model No: T4PLS

In Radio Technology: 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 2.14dBi, and the power output is 18.243mW, the power density is 0.00594mW/cm^2.

RF Exposure Calculations:
$S = (P * G) / (4 * \pi * r^2)$ or $r = \sqrt{(P * G) / (4 * \pi * S)}$

Where S = Power Density in mW/cm^2
P = 12.611dBm =18.243mW
G = 2.14dBi = 1.637 Numerical
r = 20cm

$S = 18.243*1.637 / 4*\pi* 20^2 = 0.00594mW/cm^2$

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 2.14dBi, and the power output is 21.038mW, the power density is 0.00685mW/cm^2

RF Exposure Calculations:
$S = (P * G) / (4 * \pi * r^2)$ or $r = \sqrt{(P * G) / (4 * \pi * S)}$

Where S = Power Density in mW/cm^2
P = 13.230dBm =21.038mW
G = 2.14dBi = 1.637 Numerical
r = 20cm

$S = 21.038*1.637 / 4*\pi* 20^2 = 0.00685mW/cm^2$

Sincerely Yours,

Ben Cheng

Mr. Ben Cheng
Manager
AUDIX Technology Corporation