

# Maximum Permissive Exposure

FCC ID: ZPJ-FUSIONG1-WMG1

Product Name: G4 Fusion

Model No: SYSFS-01

COBAN Technologies, Inc. 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 3.58 dBi, and the power output is 0.06368mW, the power density is 0.0000288 mW/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 = 18.04dBm = 0.06368mW

G = 3.58dBi = 2.280 Numerical

r = 20cm

$$S = 0.06368 * 2.280 / 4 * \pi * 20^2 = 0.0000288 \text{mW/cm}^2$$

Sincerely Yours,



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Mr. Ben Cheng

Manager

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