

RF Exposure Statement

No. : 26GE0204-HO

Applicant : FURUNO SYSEMS CO., LTD.
Type of Equipment : WLAN module
Model No. : ATC-BICF
FCC ID : T87SS22BXXXM

FURUNO SYSEMS CO., LTD. declares that Model : ATC-BICF
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1093(for portable)/2.1091 (for mobile).

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the “ATC-BICF” as calculated from FCC OET Bulletin 65 Appendix A, Table (B) Limits for General Population / Uncontrolled Exposure. This calculation is based on the highest EIRP possible from the system, considering maximum power and antenna gain, and considering a 1.0mW/cm² uncontrolled exposure limit. The Friis formula used was:

$$S = (P * G) / (4 * \pi * r^2)$$

Where

P = 41.69 mW (Maximum peak output power)
G = 1.58 Numerical Antenna gain; equal 2.00 dBi
r = 20.0 cm

For: ATC-BICF

$$S = 0.01314 \text{ mW/cm}^2$$

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