

RF Exposure Statement

No. : 22FE0029-YW

Applicant : Matsushita Electric Industrial Co., Ltd.
Type of Equipment : Wireless LAN built-in PC (SYMBOL LAN Card)
Model No. : CF-P1
FCC ID : ACJ9TGCF-P11

FCC Radiation Exposure Statement:

Matsushita Electric Industrial Co., Ltd Model : CF-P1 complies with FCC radiation exposure requirement specified in the FCC Rules 15.247(b)(4).

Notice in Installation Manual

FCC Radiation Exposure Statement:

In order to comply with FCC RF exposure limits, it is recommended, when emitting radiated power, that the integrated antenna should not be positioned closer than 2 inches (5cm) from your body or nearby persons for extended periods of time while it is transmitting (or operating). If the antenna is positioned less than 2 inches (5cm) from the user, it is recommended that user exposure time be limit.

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the “CF-P1” as calculated from FCC OET 65 Appendix B, 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 1.0m W/cm² uncontrolled exposure limit. The Fires formula used was:

$$S = (P * G) / (4 * \pi * r^2) \quad \text{or} \quad r = \sqrt{(P * G) / (4 * \pi * S)}$$

Where S = 1.0 mW/cm² for 2400 MHz

P = 25.7mW (Maximum Conducted Power)

G = 1.64(Half wave dipole antenna gain : Converted absolute value)

r = Minimum safe distance from antenna (cm)

For: CF-P1 r = 1.8cm

A-PEX International Co., Ltd.

YOKOWA LAB.

108 Yokowa-cho, Ise-shi, Mie-ken 516-1106 JAPAN

Telephone: int +81 596 39 1485

Facsimile: int +81 596 39 0232