

RF Exposure / MPE Calculation

No. : 32CE0047-HO-06

Applicant : Panasonic Corporation of North America
Type of Equipment : Network Camera
Model No. : BL-VP104W
FCC ID : ACJ96NBL-VP104W

Panasonic Corporation of North America declares that Model : BL-VP104W complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091 (for mobile).

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "BL-VP104W" 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 = 187.50 mW (Maximum peak output power)
G = 1.62 Numerical Antenna gain; equal to 2.10 dBi
r = 20.0 cm

For: BL-VP104W

$$S = 0.06050 \text{ mW/cm}^2$$

UL Japan, Inc.

Head Office EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124