

RF Exposure / SAR Statement

No. : 24JE0143-HO

Applicant : Panasonic Communications Co.,Ltd.
Type of Equipment : Network Camera
Model No. : BL-C30A
FCC ID : ACJ96NBL-C30A

Panasonic Communications Co.,Ltd. declares that Model : BL-C30A complies with FCC radiation exposure requirement specified in the FCC Rules 2.1093. The "BL-C30A" has 140.93 mW of conducted Peak Output power and 268.53 mW of EIRP. This kind of equipment that is over 60/frequency[MHz] W (TCB Exclusion List) is required SAR testing. However this equipment is used as mobile(at least 20cm and more between the radiator and person's body); therefore, SAR testing is excluded. Following calculation is reference data for 20cm distance.

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "BL-C30A" 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 = 140.93 mW (Maximum peak output power)
G = 1.91 Numerical Antenna gain; equal 2.80 dBi
r = 20.0 cm

For: BL-C30A

$$S = 0.05342 \text{ mW/cm}^2$$

UL Apex Co., Ltd.

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