

## **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**

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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/cm<sup>2</sup> 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 mW/cm<sup>2</sup>**

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