

## **KX-TG6051 (Base) RF Exposure / SAR Statement**

**No. : 27BE0153-HO**

**Applicant : Panasonic Communications Co.,Ltd.**  
**Type of Equipment : Cordless Telephone (Base)**  
**Model No. : KX-TG6051**  
**FCC ID : ACJ96NKX-TG6051**

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Panasonic Communications Co.,Ltd. declares that Model : KX-TG6051 complies with FCC radiation exposure requirement specified in the FCC Rules 2.1093(for portable)/2.1091 (for mobile).

The “KX-TG6051” has 96.83 mW of conducted Peak Output power and 193.2 mW of EIRP. so that SAR testing is excluded. The Following calculation is the reference data for 20cm distance.

### **RF Exposure Calculations:**

The following information provides the minimum separation distance for the highest gain antenna provided with the “KX-TG6051” 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 = 96.83 mW (Maximum peak output power)**  
**G = 2.00 Numerical Antenna gain; equal 3.00 dBi**  
**r = 20.0 cm**

**For: KX-TG6051**

$$S = 0.03844 \text{ mW/cm}^2$$

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