

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

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/cm² 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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