KX-WPA102(Base Unit) RF Exposure / MPE Statement

No. : 26KE0322-HO

Applicant	**:**	**Panasonic Communications Co.,Ltd.**
Type of Equipment	**:**	**Travel Phone**
Model No.	**:**	**KX-WP1050 (KX-WPA102(Base Unit))**
FCC ID	**:**	**ACJ96NKX-WP1050**

Panasonic Communications Co.,Ltd. declares that Model : KX-WP1050 (KX-WPA102(Base Unit))
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1093(for portable)/2.1091 (for mobile).

The "KX-WP1050 (KX-WPA102(Base Unit))" has 108.64 mW of conducted Peak Output power and 136.77 mW of EIRP.
This type of Equipment: Travel Phone (Base Unit) is used in the distance of more than 20cm from the human body.
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-WP1050 (KX-WPA102(Base Unit))" 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^2 uncontrolled exposure limit. The Friis formula used was:

$$S = (P * G) / (4 * \pi * r^2)$$

Where

P = 108.64 mW (Maximum peak output power)
G = 1.26 Numerical Antenna gain; equal 1.00 dBi
r = 20.0 cm

For: KX-WP1050 (KX-WPA102(Base Unit)) **S = 0.02721 mW/cm^2**

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