

RF Exposure / SAR Statement

No. : 26KE0199-HO-A

Applicant : KYOCERA Corporation
Type of Equipment : iBurst User Terminal
Model No. : UTU1900D-US-A
FCC ID : JOYIUU19AB

KYOCERA Corporation declares that Model : UTU1900D-US-A
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1093(for portable)/2.1091 (for mobile).

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "UTU1900D-US-A" 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

$$\begin{aligned} P \times G &= 245.47 \text{ mW (Maximum peak output power (Radiated))} \\ r &= 20.0 \text{ cm} \end{aligned}$$

For: UTU1900D-US-A

$$S = 0.04883 \text{ mW/cm}^2$$