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## RF Exposure Declaration

FCC ID: SRD10010

Model No: RTR-500GSM

We, T&D CORPORATION, hereby declare that RF exposure evaluated by MPE (Maximum Permissible Exposure) calculation is complied with FCC OET Bulletin 65. The calculation formula of the MPE distance is below.

$$S = P * G / 4\pi R^2$$

Rearranging terms to calculate the MPE Distance

$$R = (P * G / 4\pi S)^{1/2}$$

<GSM850>

R = MPE Distance in cm

P = Power in dBm (213.8 mW (848.8 MHz), Refer to page 10 in the report)

G = Antenna Gain in numeric (1 = 0 dBi, Max. Antenna Gain)

S = Power Density Limit in mW/cm<sup>2</sup> (0.56 mW/cm<sup>2</sup>, Max. permissible exposure limit  
for General Population / Uncontrolled Exposure)

Then MPE Distance is 5.51 cm (< 30cm).

<PCS1900>

R = MPE Distance in cm

P = Power in dBm (1949.8 mW (1850.2 MHz), Refer to page 10 in the report)

G = Antenna Gain in numeric (1 = 0 dBi, Max. Antenna Gain)

S = Power Density Limit in mW/cm<sup>2</sup> (1 mW/cm<sup>2</sup>, Max. permissible exposure limit  
for General Population / Uncontrolled Exposure)

Then MPE Distance is 12.46 cm (< 30cm).

Date: August 12, 2009

Name: Chiaki Segi

Signature: