

## **RF Exposure / SAR Statement**

**No. : 27EE0053-HO-C-2**

**Applicant** : **Omron Corporation Okayama Factory**  
**Type of Equipment** : **FA Wireless SS Terminals**  
**Model No.** : **WT30-M01-FLK (Serial master)**  
**FCC ID** : **RXEWT30B**

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Omron Corporation Okayama Factory declares that Model : WT30-M01-FLK (Serial master) 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 "WT30-M01-FLK (Serial master)" 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 = 5.92 mW (Maximum peak output power)**  
**G = 1.64 Numerical Antenna gain; equal 2.14 dBi**  
**r = 20.0 cm**

**For: WT30-M01-FLK (Serial master)**

$$S = 0.00193 \text{ mW/cm}^2$$

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