

## RF Exposure / SAR Statement

**No. : 11253032S**

**Applicant** : **Fukuda Denshi Co., Ltd.**  
**Type of Equipment** : **TM XMTR Module**  
**Model No.** : **HLX-801(G)**  
**FCC ID** : **DV8HLX801G**

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Fukuda Denshi Co., Ltd. declares that Model : HLX-801(G) complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091.

### **RF Exposure Calculations:**

The following information provides the minimum separation distance for the highest gain antenna provided with the "HLX-801(G)" as calculated from FCC Part 1, §1.1310, TABLE 1 (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 = 5.65 mW (Maximum output power)**  
**G = 1.64 Numerical Antenna gain; equal to 2.14 dBi**  
**r = 20.0 cm**

**For: HLX-801(G) S = 0.00184 mW/cm<sup>2</sup>**

Even taking into account the tolerance, this device can be satisfied with the limits.

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**UL Japan, Inc.**

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