

## RF Exposure / SAR Statement

**No. : 26IE0234-HO-D**

**Applicant** : Sony EMCS Corporation Saitama TEC  
**Type of Equipment** : COMPACT DISC RECEIVER  
**Model No.** : HCD-U1BT  
**FCC ID** : AK8CMTU1BT

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Sony EMCS Corporation Saitama TEC declares that Model : HCD-U1BT  
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 "HCD-U1BT" 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 = 0.66 mW (Maximum peak output power)**  
**G = 0.45 Numerical Antenna gain; equal -3.44 dBi**  
**r = 20.0 cm**

**For: HCD-U1BT**

$$S = 0.00006 \text{ mW/cm}^2$$

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**UL Apex Co., Ltd.**

**Head Office EMC Lab.**

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124