

## **RF Exposure / SAR Statement**

**No. : 10059465S-A**

**Applicant** : **Sony Corporation**  
**Type of Equipment** : **AV Center**  
**Model No.** : **XAV-712HD**  
**FCC ID** : **AK8XAV712**

---

Sony Corporation declares that Model : AV Center  
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 "XAV-712HD" 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 = 1.25 mW (Maximum peak output power)**  
**G = 0.17 Numerical Antenna gain; equal to -7.60 dBi**  
**r = 20.0 cm**

**For: XAV-712HD**

$$S = 0.00004 \text{ mW/cm}^2$$

---

**UL Japan, Inc.**

**Shonan EMC Lab.**

1-22-3 Megumigaoka, Hiratsuka-shi, Kanagawa-ken, 259-1220 JAPAN

Telephone : +81 463 50 6400

Facsimile : +81 463 50 6401