

## RF Exposure / SAR Statement

**No. : 29BE0116-YK-E**

**Applicant** : Sony Corporation  
**Type of Equipment** : Bluetooth Audio System  
**Model No.** : MEX-BT2750  
**FCC ID** : AK8MEXBT2700

---

Sony Corporation declares that Model : Bluetooth Audio System complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091. The "MEX-BT2750" has 1.19 mW of conducted Peak Output power and 0.95 mW of EIRP. This equipment is considered as a mobile device so that SAR testing is excluded. The Following calculation is the reference data for 20cm distance.

### **RF Exposure Calculations:**

The following information provides the minimum separation distance for the highest gain antenna provided with the "MEX-BT2750" 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 = 1.19 mW (Maximum peak output power)**  
**G = 0.80 Numerical Antenna gain; equal -0.98 dBi**  
**r = 20.0 cm**

**For: MEX-BT2750**

$$S = 0.00019 \text{ mW/cm}^2$$

---

***UL Japan, Inc.***

***YAMAKITA EMC LAB.***

907 Kawanishi, Yamakita-machi, Ashigarakami-gun, Kanagawa-ken, 258-0124 JAPAN

Telephone: +81 465 77 1011 Facsimile: +81 465 77 2112