

## **RF Exposure / SAR Statement**

**No. : 27LE0018-HO**

**Applicant : Sony Corporation**  
**Type of Equipment : Bluetooth Audio System**  
**Model No. : MEX-BT2600**  
**FCC ID : AK8MEXBT2600**

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Sony Corporation declares that Model : MEX-BT2600  
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 "MEX-BT2600" 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 = 0.81 mW (Maximum peak output power)**  
**G = 0.80 Numerical Antenna gain; equal -0.98 dBi**  
**r = 20.0 cm**

**For: MEX-BT2600**

$$S = 0.00013 \text{ mW/cm}^2$$

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