

## **RF Exposure / SAR Statement**

**No. : 27KE0336-YK-A**

**Applicant : Sony Corporation**  
**Type of Equipment : Stereo Transmitter**  
**Model No. : TMR-BT8iP**  
**FCC ID : AK8TMRBT8IP**

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Sony Corporation declares that Model : Stereo Transmitter  
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091.  
The “TMR-BT8iP“ has 0.35 mW of conducted Peak Output power and 0.56 mW of EIRP.  
The Following calculation is the reference data for 20cm distance for mobile use.

### **RF Exposure Calculations:**

The following information provides the minimum separation distance for the highest gain antenna provided with the “TMR-BT8iP“ 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 = 0.35 mW (Maximum peak output power)**  
**G = 1.58 Numerical Antenna gain; equal 2.00 dBi**  
**r = 20.0 cm**

**For: TMR-BT8iP**

$$S = 0.00011 \text{ mW/cm}^2$$