

RF Exposure / SAR Statement

No. : 10115902S-G

Applicant : **Sony Corporation**
Type of Equipment : **Bluetooth Audio System**
Model No. : **MEX-M70BT**
FCC ID : **AK8MEXM70BT**

Sony Corporation declares that Model : Bluetooth Audio System 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 "MEX-M70BT" 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/cm² 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 = 1.24 Numerical Antenna gain; equal to 0.93 dBi
r = 20.0 cm

For: MEX-M70BT

S = 0.00031 mW/cm²

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