

RF Exposure / SAR Statement No. : 10991945S

Applicant : **Sony Corporation**
Type of Equipment : **Wireless Module**
Model No. : **WS001**
FCC ID : **AK8WS001**

Sony Corporation declares that Model : WS001
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 "WS001" 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 = 10.35 mW (Maximum average output power)
G = 1.20 Numerical Antenna gain; equal to 0.80 dBi
r = 20.0 cm

For: WS001

$$S = 0.00248 \text{ mW/cm}^2$$

Even taking into account the tolerance, this device can be satisfied with the limits.

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