

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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