

RF Exposure / SAR Statement
No. : 10569798S

Applicant : Sony Engineering Corporation
Type of Equipment : RF Transmitter
Model No. : FFS-TH
FCC ID : 2AADJFFS-TH

Sony Engineering Corporation declares that Model : FFS-TH
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 “FFS-TH” 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 $1.0\text{mW}/\text{cm}^2$ uncontrolled exposure limit. The Friis formula used was:

$$S = (P * G) / (4 * \pi * r^2)$$

Where

P = 88.92 mW (Maximum average output power)
G = 1.58 Numerical Antenna gain; equal to **2.00 dBi**
r = 20.0 cm

For: FFS-TH

$$S = 0.02804 \text{ mW}/\text{cm}^2$$

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

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