

RF Exposure / SAR Statement
No. : 11008648S-E

Applicant : **Panasonic Corporation**
Type of Equipment : **Car Audio System**
Model No. : **AT1602**
FCC ID : **ACJ932AT1602**

Panasonic Corporation declares that Model : AT1602
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 "AT1602" 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 = 0.59 mW (Maximum average output power)
G = 0.89 Numerical Antenna gain; equal to -0.53 dBi
r = 20.0 cm

For: AT1602

$$S = 0.00010 \text{ mW/cm}^2$$

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

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