

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

Applicant : **Panasonic Corporation**
Type of Equipment : **Car Audio System**
Model No. : **AT1603**
FCC ID : **ACJ932AT1603**

Panasonic Corporation declares that Model : AT1603
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 "AT1603" 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: AT1603

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

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

UL Japan, Inc.

Shonan EMC Lab.

1-22-3 Megumigaoka, Hiratsuka-shi, Kanagawa-ken, 259-1220 JAPAN

Telephone : +81 463 50 6400

Facsimile : +81 463 50 6401