RF Exposure / SAR Statement
No. : 10399701S-F

Applicant	**:**	**Clarion Co., Ltd.**
Type of Equipment	**:**	**Navigation Unit**
Model No.	**:**	**QY-5092**
Similar Model	**:**	**PH-3709, QY-5099, QY-5089**
FCC ID	**:**	**AX2QY5092**

Clarion Co., Ltd. declares that Model : QY-5092
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 "QY-5092" 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/cm^2 uncontrolled exposure limit. The Friis formula used was:

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

Where

P = 1.44 mW (Maximum average output power)
G = 0.77 Numerical Antenna gain; equal to -1.11 dBi
r = 20.0 cm

For: QY-5092 **S = 0.00022 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