RF Exposure / MPE Calculation
No. : 10255750H

Applicant	**:**	**DENSO CORPORATION**
Type of Equipment	**:**	**Display Control Unit**
Model No.	**:**	**DNNS086**
FCC ID	**:**	**HYQDNNS086**

DENSO CORPORATION declares that Model : DNNS086
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091 (for mobile).

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain
antenna provided with the "DNNS086" as calculated
from (B) Limits for General Population / Uncontrolled Exposure of
TABLE 1- LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE) of §1.1310 Radiofrequency
radiation exposure limits.
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

$P =$ **3.64** **mW (Maximum average output power)**

$G =$ **0.79** **Numerical Antenna gain; equal to**   **-1.00** dBi

$r =$ **20.0 cm**

For: DNNS086 $S =$ **0.00058 mW/cm^2**