

RF Exposure / SAR Statement

No. : 31BE0243-SH-01-B

Applicant : Clarion Co., Ltd.
Type of Equipment : Car audio
Model No. : PF-3380I-A
FCC ID : AX2PF3380

Clarion Co., Ltd. declares that Model : Car audio
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091.
The "PF-3380I-A" has 1.04 mW of conducted Peak Output power and 1.36 mW of EIRP.
This equipment is considered as a mobile device so that SAR testing is excluded.
The Following calculation is the reference data for 20cm distance.

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "PF-3380I-A" as calculated from FCC OET Bulletin 65 Appendix A, Table (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 = 1.04 mW (Maximum peak output power)
G = 1.31 Numerical Antenna gain; equal 1.18 dBi
r = 20.0 cm

For: PF-3380I-A

$$S = 0.00027 \text{ mW/cm}^2$$

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