

RF Exposure / SAR Statement

No. : 10066163S-D

Applicant	:	Clarion Co., Ltd.
Type of Equipment	:	Car Audio
Model No.	:	PF-3547
Similar model	:	PF-3693
FCC ID	:	AX2PF3693

Clarion Co., Ltd. declares that Model : PF-3547
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 “PF-3547” 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 =	0.94 mW (Maximum peak output power)	
G =	0.19 Numerical Antenna gain; equal to	-7.10 dBi
r =	20.0 cm	

For: PF-3547

S = 0.00004 mW/cm²

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

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