

RF Exposure / SAR Statement

No. : 31CE0198-SH-01

	Applicant	:	PIONEER CORPORATION				
	Type of Equipment	:	CD Receiver				
	Model No.	:	DEH-8318				
	FCC ID	:	AJDK038				

PIONEER CORPORATION declares that Model : CD Receiver complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091. The "DEH-8318" has 1.28 mW of conducted Peak Output power and 1.44 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 "DEH-8318" 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 =	1.28	mW (Maximum peak output power)		
G =	1.13	Numerical Antenna gain; equal to	0.52	dB
r =	20.0	cm		

For: DEH-8318

S = 0.00029 mW/cm²

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