

APPLICANT: MOTOROLA

TRANSCEIVER TYPE: IHET5AP1

Maximum Permissible Exposure (MPE)

SC 300 @ 800 MHz

Maximum Permissible Exposure (MPE) Levels for Uncontrolled Environment

MPE Levels based on ANSI/IEEE C95.1-1992 and 47 CFR 1.1310, Table 1 requirements

Antenna	Antenna Gain	Uncontrolled Exposure Specification 0.58 mW/cm ²	Measured level at Specified distance	Published Uncontrolled Exposure Distance (Note 1)
DB786DC5N-XM	unity	0.58 mW/cm ²	0.58 mW/cm ² @ 23 cm	1 m
DB786SD5N-XC	5.2 dBi	0.58 mW/cm ²	0.58 mW/cm ² @ 80 cm	1 m

Note 1:

Warning Label will specify uncontrolled exposure boundary distance per ANSI C95.2.

$870/1500 = 0.58 \text{ mW/cm}^2$ uncontrolled limit

Engineer: _____


Date 5/23/01