

# FURUNO

## FURUNO ELECTRIC CO., LTD.

9-52 Ashihara-cho, Nishinomiya, JAPAN

Phone 81-798 (63) 1216

Fax No. 81-798 (63) 1102

To whom it may concern:

February 9, 2005

Dear Sir/Madam,

This is to inform you that we Furuno Electric Co., Ltd., calculated the MPE of the VHF radiotelephone Model FM-8800D referring to 47 CFR 1.1310, Table 1 (B) Limits for General Population /Uncontrolled exposure below 300MHz and OET 65 equation 3 MPE as follows:

0.2 mW/cm<sup>2</sup>

Gain of antenna ( VHF Normal antenna )= 2.15 dBi = 1.64

$P = 25W = 25000 \text{ mW}$

$S = PG/4 \pi R^2$

Then distance R can be figured out as

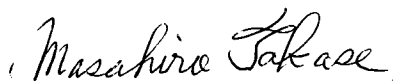
Distance R = 128 cm

We take 50% operating factor: 0.707

Then, Distance = 90 cm

Aforementioned is correct and true to best of my knowledge.

Yours faithfully,



Masahiro Takase

Chief engineer

Radio Communication Engineering Section

R and D

Furuno Electric Co., Ltd.