

Date: October 21, 2002

EXHIBIT 6

To: Mr. Stan Lyles
FCC Application Processing Branch

From: Kenichi Saito
Shintom Co., Ltd.

Re: Response to Correspondence – Correspondence Reference Number: 23936
FCC ID: BFYT3017
Form 731 Confirmation Number: EA235937
Applicant: Shintom Co., Ltd.

Dear Mr. Stan Lyles,

(1) Antenna impedance and gain:

Technical information of the antenna are as follows.

Type: 1/4 wave length - mono pole antenna

Impedance: 50 ohms

Gain: Better than -1.0dBi (Specification)
-0.49 dBi (Measurement result)

(2) Additional MPE simulations for a bystander and a rear seat passenger:

Power densities applied to a person standing at side of vehicle and a rear seat passenger were calculated by NEC-2 based software on the coordinate system described in EXHIBIT 3. Following simulation results have been submitted.

EXHIBIT 7 : Simulation result of MPE for a person standing at side of vehicle

EXHIBIT 8 : Simulation result of MPE for a rear seat passenger

(3) Contour plot for MPE limit:

Distances where MPE limit is met were obtained by calculating power density around the antenna. The contour plot for MPE limit has been submitted as EXHIBIT 9.

EXHIBIT 9a: Contour plot for MPE limit - 824.04MHz, X-Z plane

EXHIBIT 9b: Contour plot for MPE limit - 824.04MHz, Y-Z plane

EXHIBIT 9c: Contour plot for MPE limit - 836.49MHz, X-Z plane

EXHIBIT 9d: Contour plot for MPE limit - 836.49MHz, Y-Z plane

EXHIBIT 9e: Contour plot for MPE limit - 848.97MHz, X-Z plane

EXHIBIT 9f: Contour plot for MPE limit - 848.97MHz, Y-Z plane

(4) Revised Installation Manual:

RF safety information and statement for antenna position were added to the Installation Manual. The revised manual has been submitted as EXHIBIT 10.

EXHIBIT 10: Revised Installation Manual

Sincerely,

Kenichi Saito
Director
Shintom Co., Ltd.