

Date: December 19, 2002

EXHIBIT 5

To: Mr. Stan Lyles  
FCC Application Processing Branch

From: Kenichi Saito  
Shintom Co., Ltd.

Re: Response to Correspondence – Correspondence Reference Number: 24530  
FCC ID: BFYT3017  
Form 731 Confirmation Number: EA470346  
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 -1.5dBi (Specification)  
1.57 dBd (Measurement result)

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

Power densities applied to a person standing at rear 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 6 : Simulation result of MPE for a person standing at rear of vehicle

EXHIBIT 7 : 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 8.

EXHIBIT 8A: Contour plot for MPE limit - 824.04MHz, X-Z plane

EXHIBIT 8B: Contour plot for MPE limit - 824.04MHz, Y-Z plane

EXHIBIT 8C: Contour plot for MPE limit - 836.49MHz, X-Z plane

EXHIBIT 8D: Contour plot for MPE limit - 836.49MHz, Y-Z plane

EXHIBIT 8E: Contour plot for MPE limit - 848.97MHz, X-Z plane

EXHIBIT 8F: Contour plot for MPE limit - 848.97MHz, Y-Z plane

Sincerely,

Kenichi Saito  
Director  
Shintom Co., Ltd.