

Dear Mr. Chan,

Since Mr. Dichoso requested the response to the information request about RF exposure issues to be kept in the RF Exposure Info folder, I am generating this pdf file and uploading it as exhibit instead of responding via the email.

- 1) We agree with your assessment in item one. Our compliance should be through the calculations and measures we took as explained below.
- 2) As the test report shows, the maximum output power was 427 mW. The nominal antenna gain is 5.5 dBi at the maximum point (90 degrees to the antenna surface). With the distance of 20 cm we used in our warnings the peak power density can be found using the formula $P_D = P_T * G_T / 4\pi d^2$. Using the above given numbers, the power density turns out to be 0.1 mW/cm², which is comfortably below the limit for uncontrolled environments. Considering this is the peak power density and the average power density will be much lower during normal operation conditions and it is also valid for only the peak direction of the antenna gain, the harmlessness of our product becomes obvious. Therefore, we believe the 20 cm distance warning to the installers and users should provide more than adequate protection.

As you can see in the new uploaded Manual Supplement which is included with each unit for installers and operators, the warnings have been clearly stated.

- 3) The product will always be installed by trained Intermec personnel or trained resellers and never by the users. Therefore it is considered a “professional installation” category product. Again as you can see in the revised Manual Supplement installers as well as operators are warned about the effects of RF exposure, despite the relatively low power density.

I hope, the answers above satisfy your requirements. Please feel free to contact us, if you have any further questions.

Sincerely,

Kursat Eroglu, MSEE
Sr. EMC Engineer
Intermec Technologies Corp.