

14 March, 2003

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

Attention: Andy Leimer
aleimer@fcc.gov
FCC Application Processing Branch

Re: FCC ID PDGBR-3502
Applicant: Infinition inc
Correspondence Reference Number: 24932
731 Confirmation Number: EA467757

Subject: RF Exposure (minimum separation distance)

Mr. Leimer,

This letter is in response to your e-mail to Ruby Dulmage, Nemko Canada Inc. dated March 13, 2003.

The following Warning Statement:

"Based on limits specified by the Federal Communication Commission (FCC) on Radio Frequency (RF) emissions in a general population environment, continued exposure to radiation should be avoided within 0.5 meter in front of the radar. Radiation levels outside this region fall within regulations of 1 mW/cm² and are not considered safety hazards. When setting up the antenna, special care should be taken to avoid situations where the antenna radiates towards individuals. The antenna should be positioned such that bystanders are located behind the antenna. During antenna setup, the antenna power cord should be unplugged to avoid accidental hazardous exposures to radiations. Always turn the antenna transmitter off during periods of inactivity. Direct visual contact with the radar when transmitting should be avoided at all times."

which appears in the BR-3502 User Manual is based and justified as detailed in exhibit "Safety Warning Justification" submitted to FCC on 01/22/2003. The minimum range obtained from calculations for a safe exposure based on the radar specifications was 28 cm. For additional safety, the minimum range specified in the safety warning has been increased to 50 cm.

I must admit that we are confused about the request in your e-mail which says:

"The minimum separation distance for mobile devices is 20 cm. Correct the User's Manual to reflect this."

Can you please provide explanations to help us better understand and implement your request.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jean-Luc Gagnon', with a stylized, flowing script.

Jean-Luc Gagnon
President
Infinition Inc.