

MEMORANDUM

TO FCC

FROM Robert J. Parkinson

SUBJECT RF Exposure- Application for Equipment Certification, FCC ID:
ESCCRM648204

DATE Dec. 1, 2004

The Cardiac Pacemakers, Inc. (d.b.a. Guidant) Model 6482 Communicator is classified as a mobile device per 47 CFR 2.1091. The Model 6482 Communicator is designed to be used in such a way that a separation of at least 20cm is normally maintained between the Communicator's antenna and the body of nearby persons. The Model 6482 Communicator will reside on a table, dresser, or nightstand within a patient's home.

The Model 6482 Communicator is a Part 15.249 transmitter and is therefore categorically excluded from routine environmental evaluation per 47 CFR 1.1307.

Per 47 CFR 1.1310 Table 1 the Limits for Maximum Permissible Exposure (MPE) for a 914MHz transmitter with uncontrolled exposure is $(f/1500)$ or 0.609 mW/cm^2 .

The Model 6482 Communicator uses one dipole half-wave antenna (LINX ANT-916-PML) with a 2.15dBi gain. The transmitter max peak conducted output power is -7dBm or 0.20mW . The MPE estimate for this transmitter is 0.065uW/cm^2 , below the limit of 0.609 mW/cm^2 .