



Marketing Information Letter (MIL)

Date: September 7, 2006

MIL #: M06-021 *(replaces M06-020, dated September 6, 2006)*

Product Line: R900® MIUs

Priority: High Medium Low

Distribution:

Executive Staff

Regional Managers

Territory Managers

Marketing

Engineering & Quality Control

Customer Support

Customer Service

Distributors

Subject: FCC Part 15 Information

PURPOSE: The purpose of this MIL is to provide FCC Part 15 information to address questions with regard to RF interference.

BACKGROUND: The R900 radio frequency meter interface unit operates in the unlicensed 902-928 MHz Industrial Scientific and Medical (ISM) band. This same ISM band also supports cordless telephones and in some areas cell phones are assigned channels in the 900 to 910 MHz range. In addition, pagers operate just outside the upper end of the ISM band between 928 to 932 MHz ranges. However, due to pagers typically operating at 250 watts or more of output power continuously, they are known to bleed over into the ISM band and are one of the most common forms of interference. All devices that operate within this ISM band must meet the stringent requirements of FCC Part 15 regulations. The R900 meets and complies with FCC Part 15 regulations.

DESCRIPTION: During the past few months various questions have been asked concerning whether or not the R900 causes interference, and / or is harmful to humans (i.e. interfere with a pacemaker, etc.). In an effort to address these questions, please review the following information that is required by FCC to be documented in installation manuals of radio frequency devices.

FCC Part 15 Notice:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause interference to radio communications.

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It should be duly noted that after shipping R900s since 1998 we have not had a single report of the R900 causing interference with televisions or other radio equipment.

RF Exposure Information

This equipment complies with the FCC RF radiation requirements for uncontrolled environments. To maintain compliance with these requirements, the antenna and any radiating elements should be installed to ensure that a minimum separation distance of 20cm is maintained from the general population.

Installation of the R900 Wall and Pit MIU antennas are installed at distances greater than 20cm from the general population. Pit MIUs are typically installed street side while Wall MIUs are typically installed on the outside of a house or building.

ACTION PLAN: Please use this information in the future to address any concerns your customers have with the installation of R900s.

If you have any questions or concerns, please feel free to email me at bbarker@neptunetg.com or call me at (334) 283-7466.

Regards,

Bobby R. Barker
Marketing Manager – AMR Endpoints