

Saturday, August 24, 2002

FCCID: NTAMMR1

Subject: Response to ATCB Comments on FCCID: NTAMMR1

1. Please find here our response to your comment letter dated 23 Aug. 2002
2. The MMR transceiver module was tested only at 916.3MHz because of the following reasons:
 - a. The Receiver and Transmitter frequency of operation are programmed exclusively only to 916.3MHz at factory level, this parameter cannot be changed by customer; this is so as this unit is intended for wireless data collection (transmitted from water meters).
 - b. The Transmitter is also a fixed frequency Module and cannot be programmed to any frequency other than 916.3MHz, this is so as The MMR Transmitter is used for wireless programming of the water meter transceiver.
3. The Integral Antenna is connected by an standard connector from the following reasons:
 - a. Marketing: The Unit cannot be sold retailed to the general public; it is sold only to dealers.
 - b. Installation: The unit is generally hand carried and installed by professional installers that are hired by the dealer.
 - c. Application : The intended of the unit is by trained personnel of public Authorities like Water , Gas & Electric companies (The general public shall not use the unit).
 - d. Specifications for use with the Antenna device see Appendix:

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APPENDIX - MMR-P ANTENNA SPECIFICATION

2139-09001-00

◆ **Product Information**

HRW-900T (For AMR)



GENERAL SPECIFICATIONS

MODEL: HRW-900T

ANTENNA TYPE: $\lambda/4$ WHIP ANTENNA

ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE : 900 – 960 MHz

V.S.W.R: LESS THAN 1.9: 1

GAIN (dBi): 2 +/- 0.5

RADIATION PATTERN: OMNI – DIRECTIONAL

POLARIZATION: VERTICAL

POWER INPUT (Watts) : 5(Maximum)

Impedance (Ω) : 50 Ohms

MECHANICAL SPECIFICATIONS

LENGTH: 81 mm $\pm$ 1.0 mm - Black color

Connector type: SMA (M)