

ADDENDUM

Addendum to MDS 05-2806A01, Rev. A

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This addendum contains corrections and additions to the MDS iNET 900 User's Guide (MDS P/N 05-2806A01, Rev. A) published in March 2002. The **Bolded text** below indicates new or revised material. You may wish to make these pen & ink changes directly to your manual or include a reference to this addendum in the appropriate sections.

ITEM 1—RF Exposure Notice, Page vii

The following statement replaces the text under RF Exposure notice on Page vii:

The radio equipment described in this guide emits radio frequency energy. Although the power level is low, the concentrated energy from a directional antenna system may pose a health hazard. Do not allow people to come closer than 23 centimeters (9.05 inches) to the antenna when the transmitter is operating in indoor or outdoor environments. More information on RF exposure is available at www.fcc.gov/oet/info/documents/bulletins.

ITEM 2—Approvals, Page vii

UL approval has been granted to the iNET transceiver, provided it is used with an MDS-supplied locking DC power connector. Contact MDS for additional information or upgrade instructions.

ITEM 3—Internal Fuse Replacement, Page 111

Reverse polarity will *not* cause the transceiver's fuse to blow.

ITEM 4— Antenna Feedline Selection, Pages 101-104

When using RG-214 feedline with an MDS-supplied omni-directional antenna, the following cable lengths and appropriate cable loss must be adhered to maintain compliance with the FCC maximum limit of +36dBi.

Example, a 3 meter length of RG-214 will loose 1 dB at 928Mhz, thus the 5dBd (7dBi) antenna tested for this application was 3.1 meters.

Antenna spec.(dBd)	Antenna Gain (dBi)	Minimum Cable Loss (dB)	Max +36dBi
Unity	2.15	1.0 (3 meters)	+31.15dBi
3 dBd	5.15	1.0 (3 meters)	+34.15dBi
5 dBd	7.15	1.2 (3.1 meters)	+35.95dBi

In no case shall the user allow the EIRP of the iNET installation to exceed 36 dBm.

Check with MDS for the status on additional antenna/feedline approvals that are pending.

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