

# 2633-232 RF Modem Installation

Follow these steps to install your 2633-232 RF Modem for use with the Hart Scientific 1620A "DewK":

## 1. Connect the modem to your computer—

Attach the provided antenna to the 2633-232 RF Modem.

Plug the provided power supply into an AC socket, and insert the DC plug from the power supply into the modem's DC power jack.

Connect the provided RS-232 cable to the RS-232 port of the modem. Connect the other end of the cable to a COM port of the computer.

## 2. Install the X-CTU software—

The X-CTU software is helpful for configuring and testing the 2633-232 RF Modem. It is not required when using Hart Scientific 9936A LogWare III software.

Find and run the X-CTU installation file "setup\_X-CTU.exe" on the provided CD in the folder "\software\X-CTU." An icon for the software will be placed on the desktop.

Run the X-CTU software. In the Select Com Port box in the PC Settings tab, Find and select the COM port where the modem is attached. Use the Test/Query button to test the RS-232 interface to the modem.

## 3. Set the addresses—

Select a channel number, PAN ID, INSTRUMENT address, and MODEM address that will not conflict with any other instruments, and set these settings in the 1620A DewK from the SYSTEM menu, COMM SETTING, PORT: RF parameter window (see Section 7.5.3.2 of the 1620A DewK User's Guide). Set ENABLE: ON to use the RF interface.

The 2633-232 RF Modem's settings must also be set to match those of the 1620A DewK. The modem's settings can be set from the Modem Configuration tab in the X-CTU software. *Be aware that the modem's settings are in hexadecimal format; conversion from decimal might be necessary.*

Further information regarding operation of the 2633-232 RF Modem may be found on the provided CD in the folder "documentation."

