

# Suggested configuration for a FreeWave DGR-115H radio modem connected to a Trimble 4000SSE/SSi GPS receiver

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## Suggested configuration for a FreeWave DGR-115H radio connected to a Trimble 4000SSE/SSi GPS receiver

Below are the suggested settings of the FreeWave Wireless Data Transceiver when directly attached to a Trimble 4000 SSE/SSI receiver and using the Trimble "rfile" program. The modem is set at 38400 baud.

### Base Modem:

**Operation mode:** Point to Point Master

**Baud Rate:** 38400

**Call book:** Set to call the serial number of the remote modem.

**Transmission characteristics:**

FreqKey = 0-9

Max Packet Size = 8

Min Packet Size = 2

Xmit Rate = 1

RF Data Rate = 3

RF Xmit Power = 9

### Remote Modem:

**Operation modem:** Point to Point Slave

**Baud Rate:** 38400

**Call book:** Put serial number of base modem into call book.

**Transmission characteristics:**

FreqKey = 0-9

Max Packet Size = 8

Min Packet Size = 2

Xmit Rate = 1

RF Data Rate = 3

RF Xmit Power = 9

### Remote Receiver:

BAUD RATE/FORMAT CONTROL MENU set to 38400, 8, N, 1, no flow control.

REMOTE PROTOCOL MENU set to DATA COLLECTOR COMPATIBLE.

Attach the receiver to the remote modem via a null modem cable.

Posted by: **Beth Bartel** - Wed, Jul 8, 2009 at 5:56 PM. This article has been viewed 51928 times.

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