

# Suggested configuration for a FreeWave DGR-115H radio modem connected to an AOA TurboRogue SNR-8000 GPS receiver

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**NOTE: The outdated and offensive "master-slave" terminology has been replaced with "Access point (AP) - Station (STA)" in all instances, but will still remain in the configuration software when implemented**

Below are the suggested settings of the FreeWave Wireless Data Transceiver when directly attached to a TurboRogue receiver.

## Base Modem:

**Operation mode:** Point to Point Master (AP)

**Baud Rate:** 19200

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

**Transmission characteristics:**

FreqKey = 0-9

Max Packet Size = 3

Min Packet Size = 0

Xmit Rate = 1

RF Data Rate = 3

RF Xmit Power = 9

## Remote Modem:

**Operation modem:** Point to Point Slave (STA)

**Baud Rate:** 19200

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

**Transmission characteristics:**

FreqKey = 0-9

Max Packet Size = 3

Min Packet Size = 0

Xmit Rate = 1

RF Data Rate = 3

RF Xmit Power = 9

## Remote Receiver:

Set BAUD 19200

Online URL:

<https://kb.unavco.org/article/suggested-configuration-for-a-freewave-dgr-115h-radio-modem-connected-to-an-aoa-turborogue-snr-8000-gps-receiver-432.html>