

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

432 Beth Bartel June 18, 2020 [FreeWave](#) 1960

NOTE: The outdated and offensive "master-slave" terminology has been replaced with "Access point (AP) - Station (STA)" in all instances, but will still remain in the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