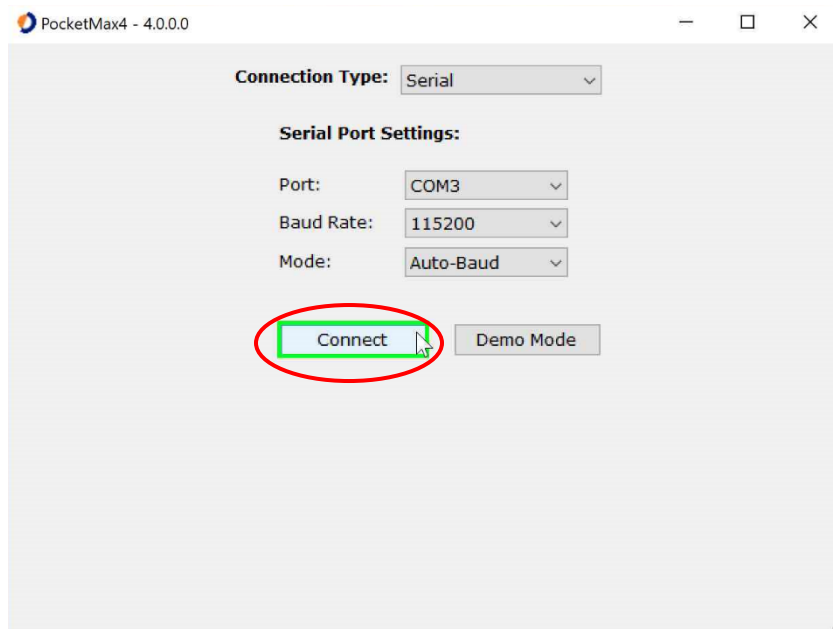


SETTING DECIMAL OUTPUT TO 6 PLACES FOR JD 2600/2630

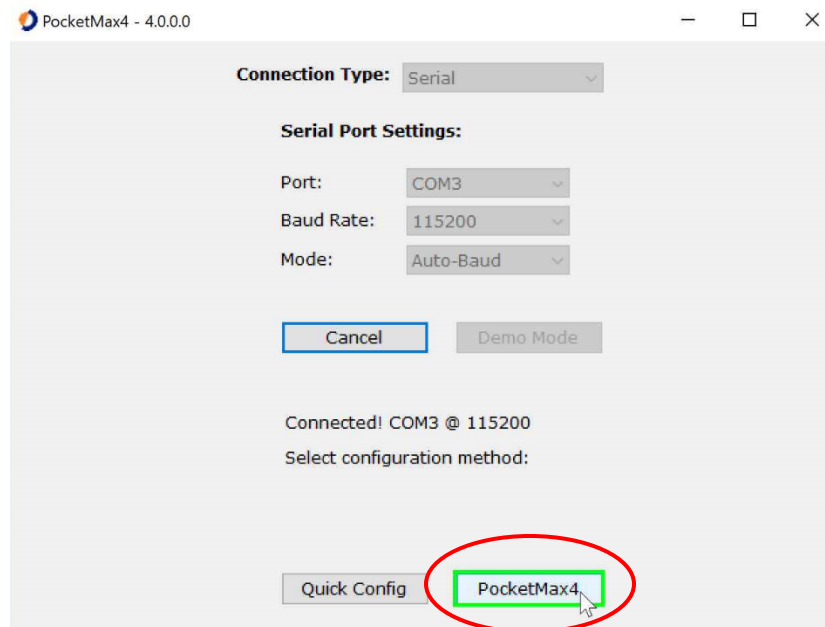
SMART ANTENNAS

(A631, A222, A325, A101, A320, and A220)

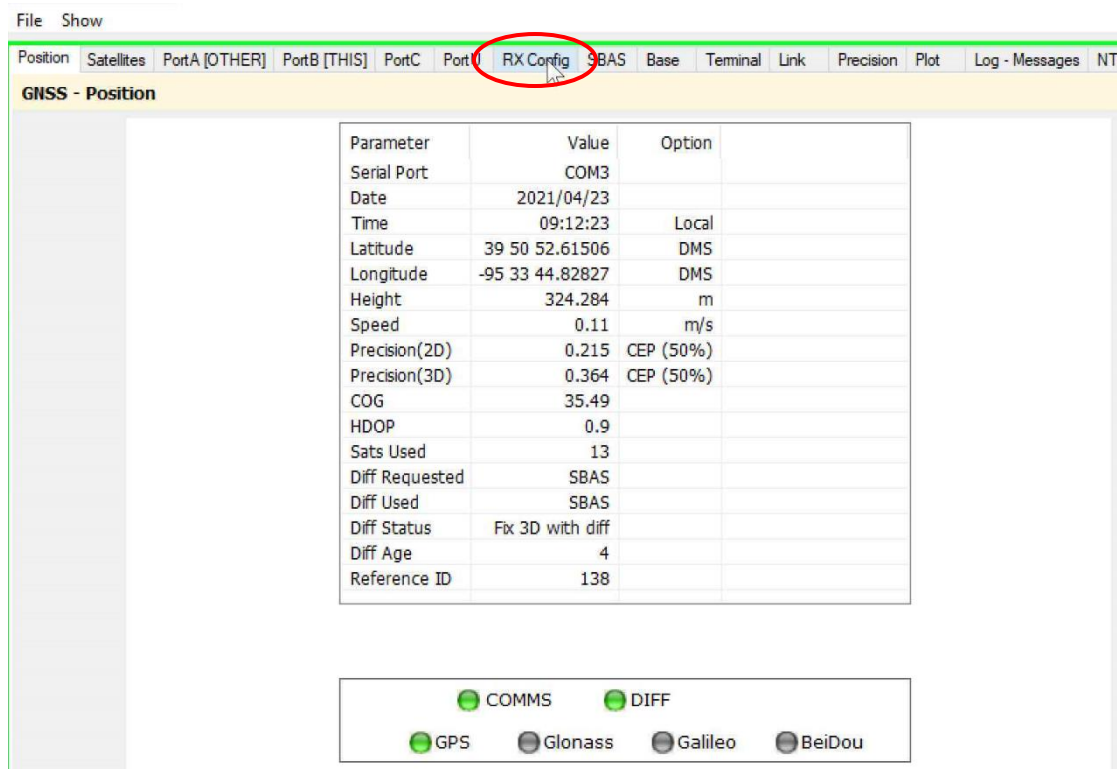
1. Parts required:
 - a. Computer with PocketMax4
 - b. GoldX Cable (USB to 9-pin serial)
 - c. One of the following options:
 - i. 051-0236-000# and 054-0143-000#
 - ii. 051-0247-000# and 054-0143-000#
 - iii. 050-0094-01
2. The antenna will need to be powered on and the GoldX cable connected to the serial connector and computer USB port.
3. Open PocketMax4
 - a. Connection Type: Serial
 - b. Port: Select the COM# based off where the GoldX cable is plugged into
 - c. Baud Rate: 115200
 - d. Mode: Auto-Baud
4. Select 'Connect'



- After selecting 'Connect', it will search Baud Rates until it finds the correct one. Once connected, select 'PocketMax4'.



- When PocketMax4 opens, select the 'RX Config' tab along the top.



- Once on the 'RX Config' tab, select the 'Decimal Precision' (Figure 7a) line and change to '6' on the dropdown on the bottom of the screen (Figures 7b and 7c).

a. Figure 7a

File Show

Position Satellites PortA [OTHER] PortB [THIS] PortC PortU RX Config SBAS Base Terminal Link Precision Plot Log - Messages NTRIP About

Receiver Configuration

Signal Includes

- ☒ L1CA
- ☒ L1P
- ☒ L2P
- ☒ G1
- ☒ G2

Parameter	Current	Change
Diff Source	SBAS	SBAS
Diff Age	65535	65535
Elevation Mask	5	5
Decimal Precision	7	7
Smoother Time	LONG900	LONG900
Altitude Aiding Mode	NEVER (3D ONLY)	NEVER (3D ONLY)
Altitude Aiding Value		
RESID Limit	10.0	10.0
GPS Only Mode	NO	NO
Null NMEA Mode	NO	NO
SBAS Ranging Mode	NO	NO
Mixed Mode	NO	NO
Timekeep Mode	NO	NO
L1 Only Mode	NO	NO
Suretrack Mode	YES	YES
GGA ALL GNSS Mode	NO	NO
Glofix Mode	YES	YES
PPS Frequency(Hz)	1	1
PPS Width(us)	1000.007	1000.007
BeiDou OFF Mode	NO	NO

Diff Includes

- ☒ SBAS
- ☐ LBAND
- ☐ ATLAS
- ☐ RTCM2
- ☒ RTCM23
- ☒ RTCM3
- ☒ EDIF
- ☐ DFX
- ☐ CMR
- ☐ ROX
- ☐ BEIDOU

Factory Reset Factory Reset Almanac

b. Figure 7b

File Show

Position Satellites PortA [OTHER] PortB [THIS] PortC PortU RX Config SBAS Base Terminal Link Precision Plot Log - Messages NTRIP About

Receiver Configuration

Signal Includes

- ☒ L1CA
- ☒ L1P
- ☒ L2P
- ☒ G1
- ☒ G2

Parameter	Current	Change
Diff Source	SBAS	SBAS
Diff Age	65535	65535
Elevation Mask	5	5
Decimal Precision	7	7
Smoother Time	LONG900	LONG900
Altitude Aiding Mode	NEVER (3D ONLY)	NEVER (3D ONLY)
Altitude Aiding Value		
RESID Limit	10.0	10.0
GPS Only Mode	NO	NO
Null NMEA Mode	NO	NO
SBAS Ranging Mode	NO	NO
Mixed Mode	NO	NO
Timekeep Mode	NO	NO
L1 Only Mode	NO	NO
Suretrack Mode	YES	YES
GGA ALL GNSS Mode	NO	NO
Glofix Mode	YES	YES
PPS Frequency(Hz)	1	1
PPS Width(us)	1000.007	1000.007
BeiDou OFF Mode	NO	NO

Diff Includes

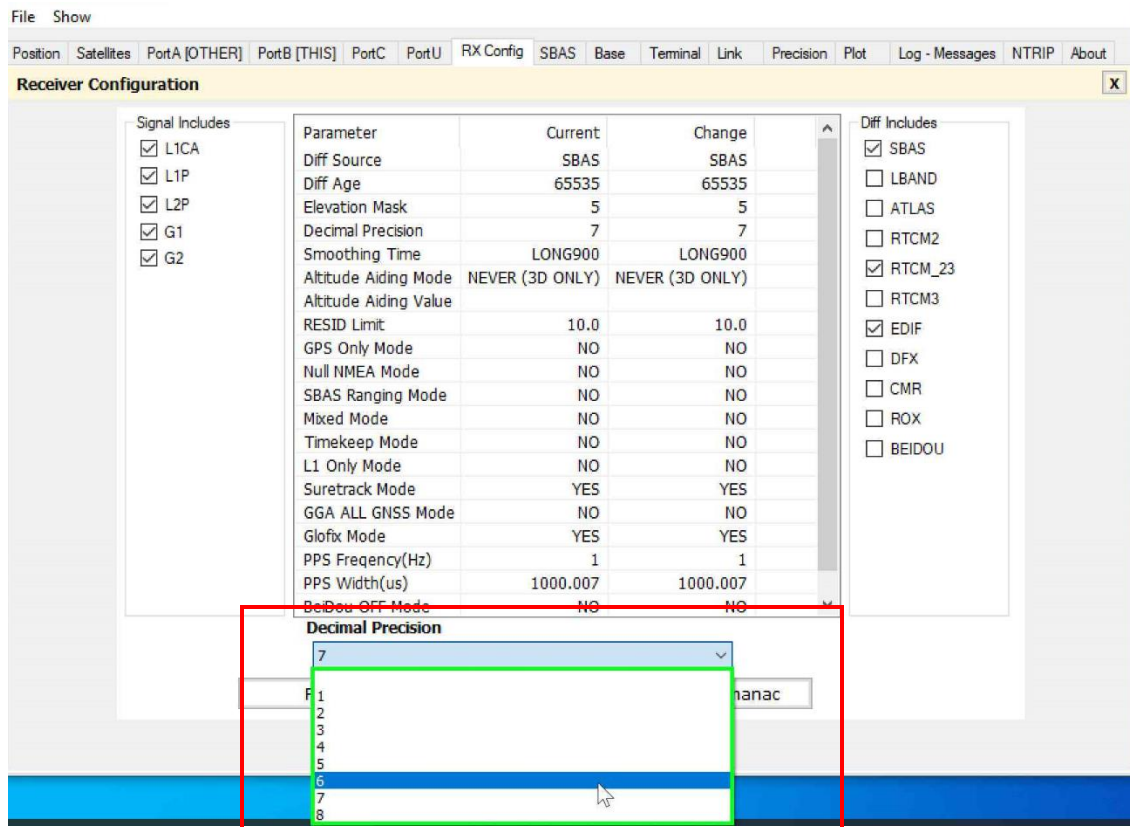
- ☒ SBAS
- ☐ LBAND
- ☐ ATLAS
- ☐ RTCM2
- ☒ RTCM23
- ☐ RTCM3
- ☒ EDIF
- ☐ DFX
- ☐ CMR
- ☐ ROX
- ☐ BEIDOU

Decimal Precision

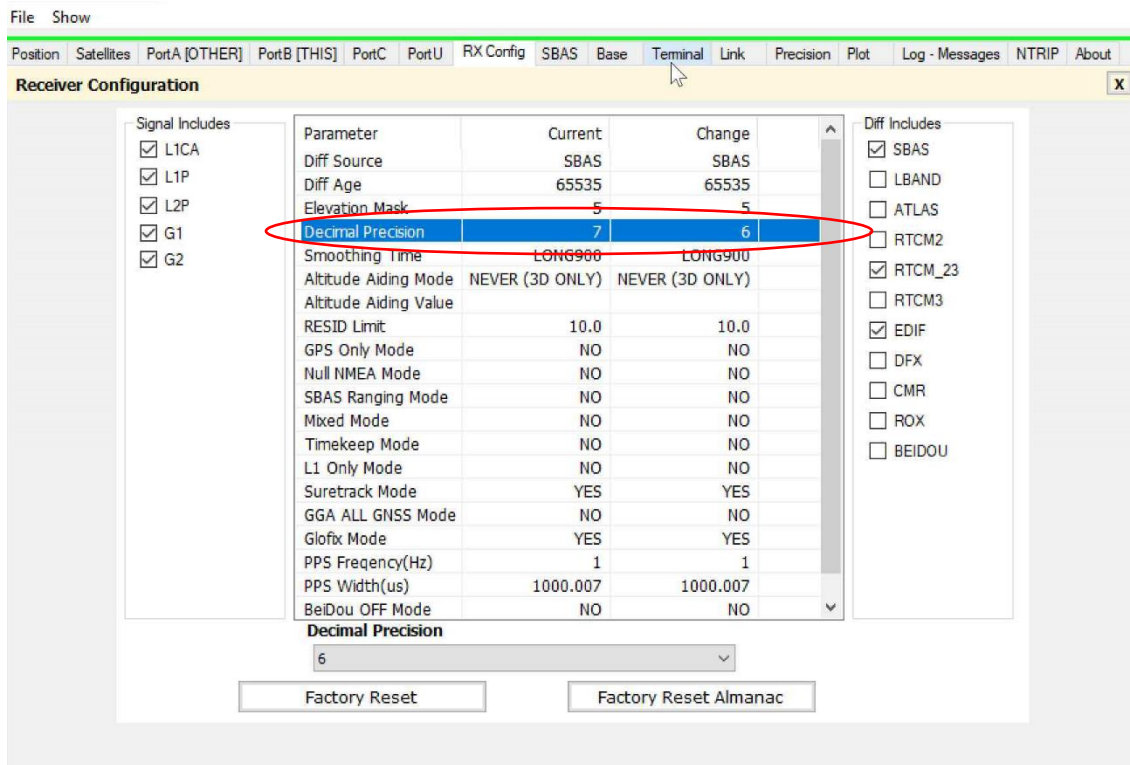
7

Factory Reset Factory Reset Almanac

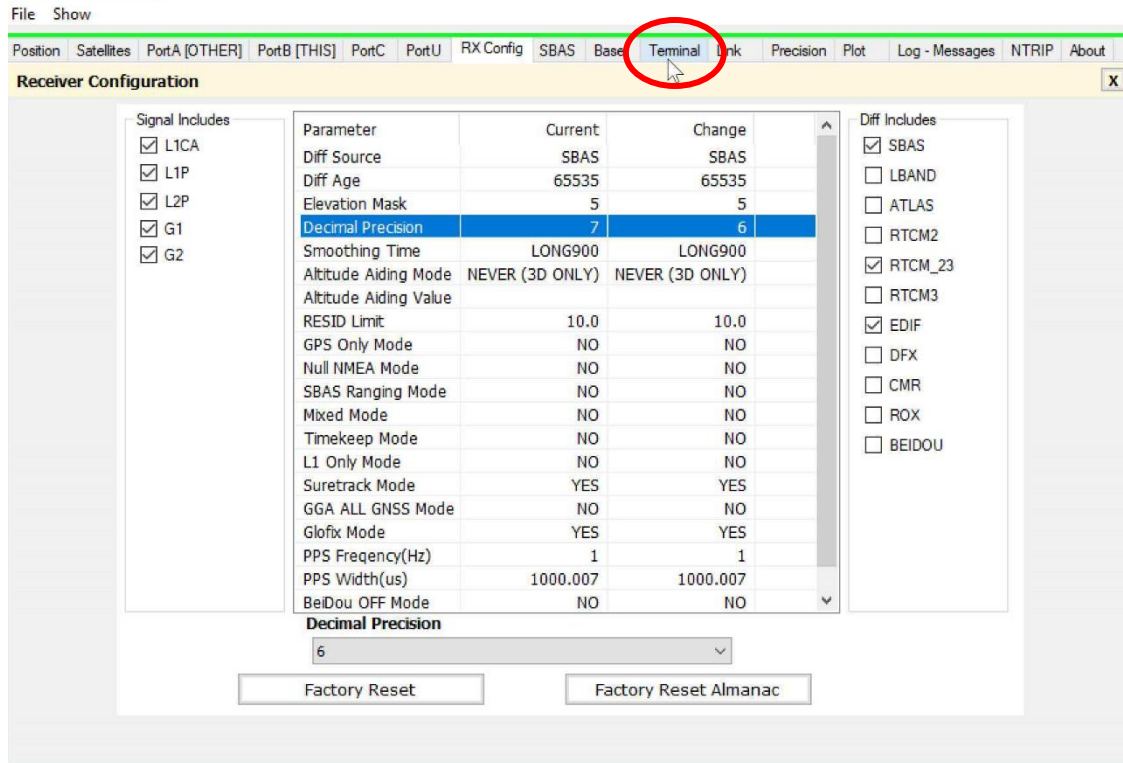
c. Figure 7c



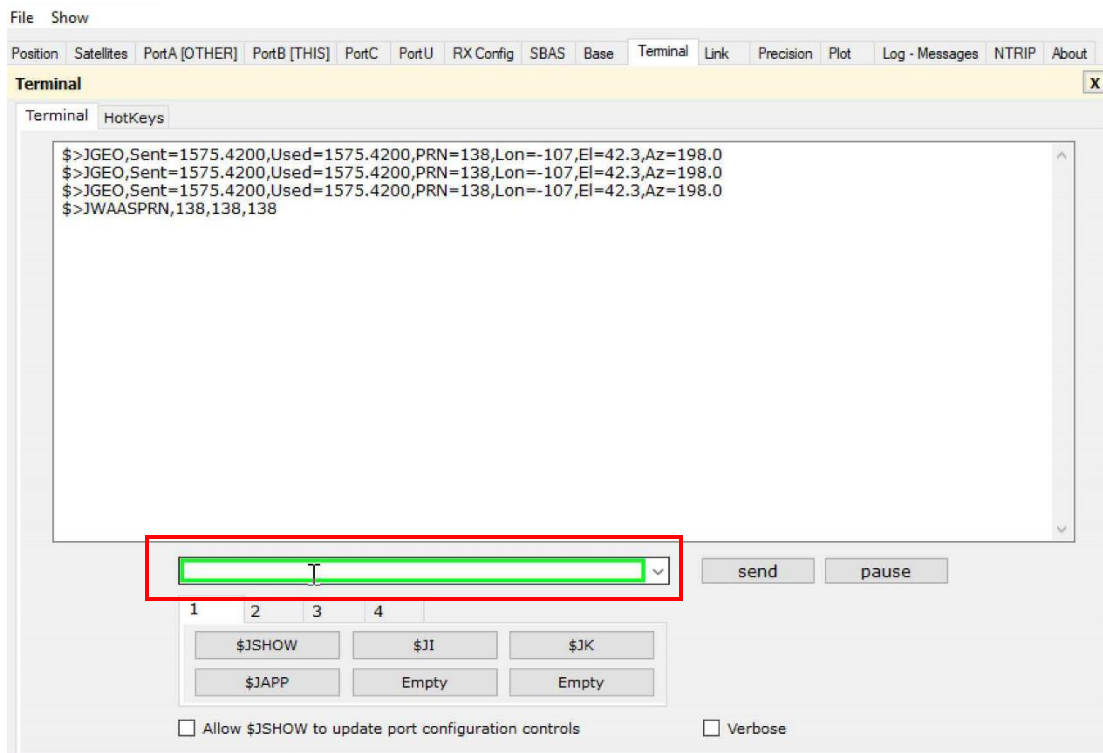
- After selecting the '6' from the dropdown the 'Change' column on 'Decimal Precision' will show '6'.



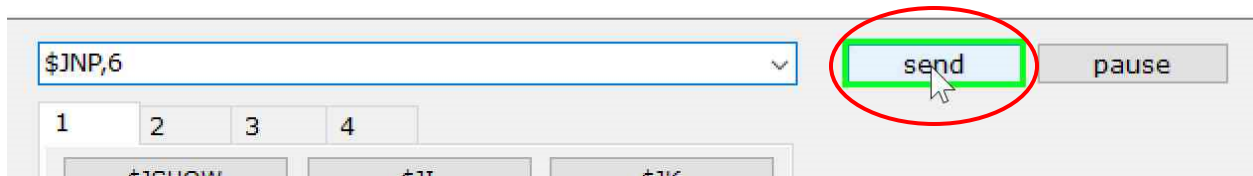
9. Select the 'Terminal' tab.



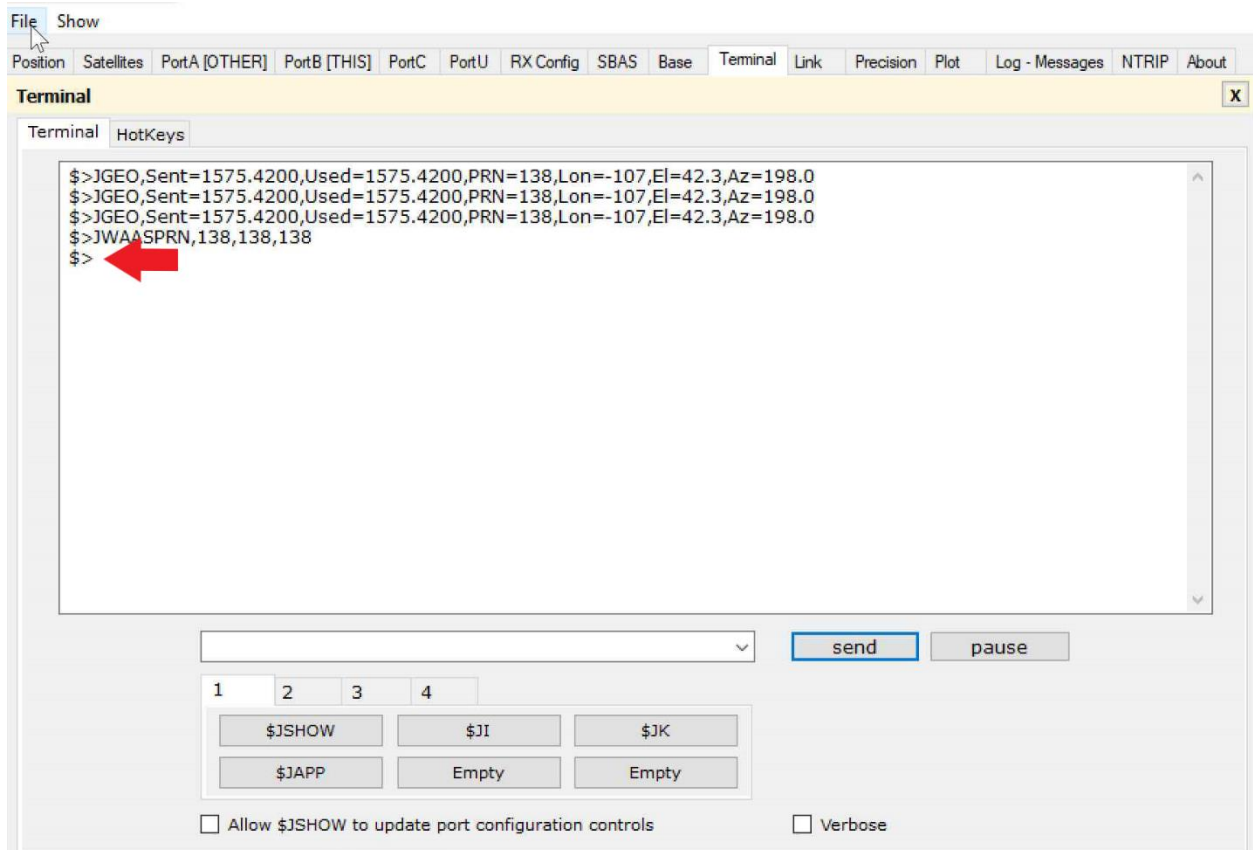
10. When the 'Terminal' tab is selected, copy and paste this command into the dropdown box on the PocketMax4 screen: **\$JNP,6**



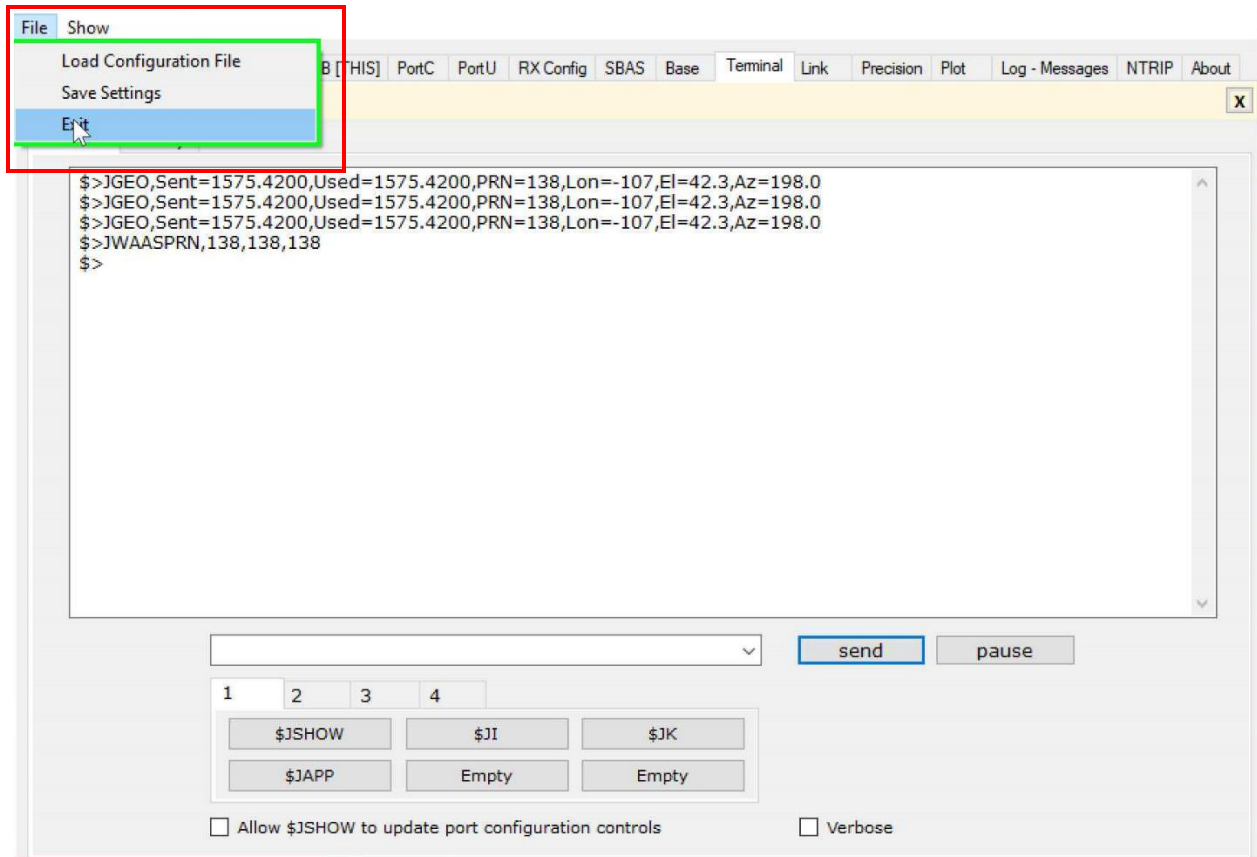
11. With the \$J command pasted to the box, select 'send'.



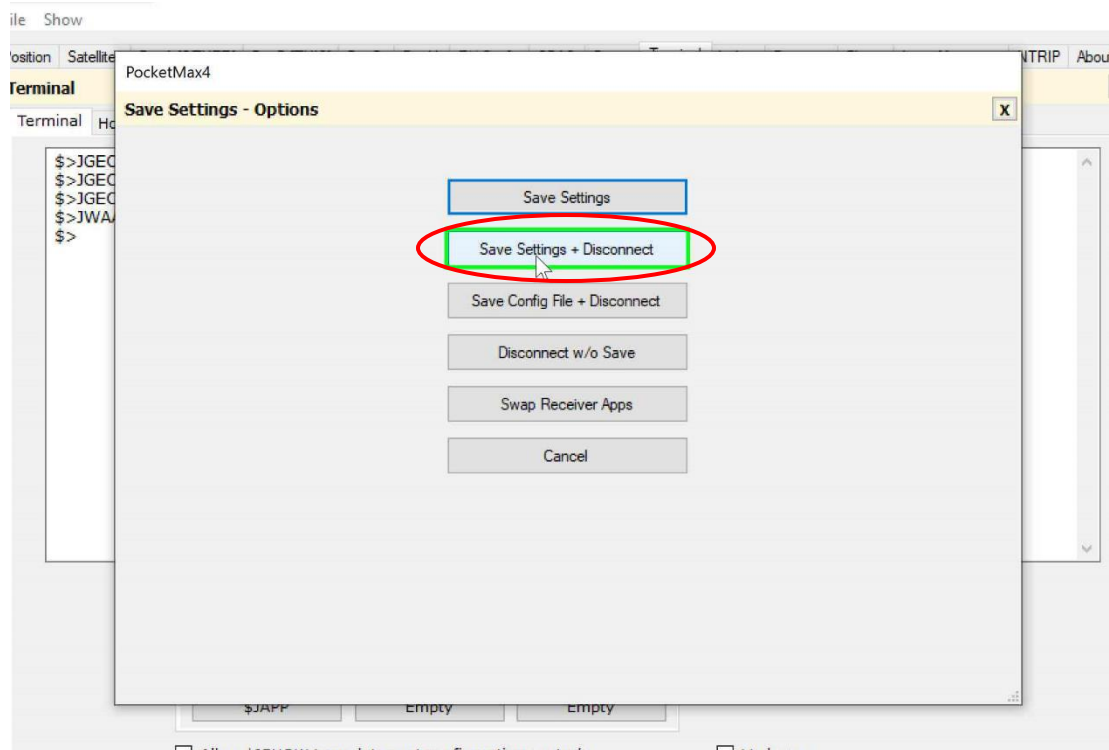
12. After selecting 'send' it will clear the dropdown box and will display \$> if command is successful.



13. Select 'File' and then select 'Exit'.

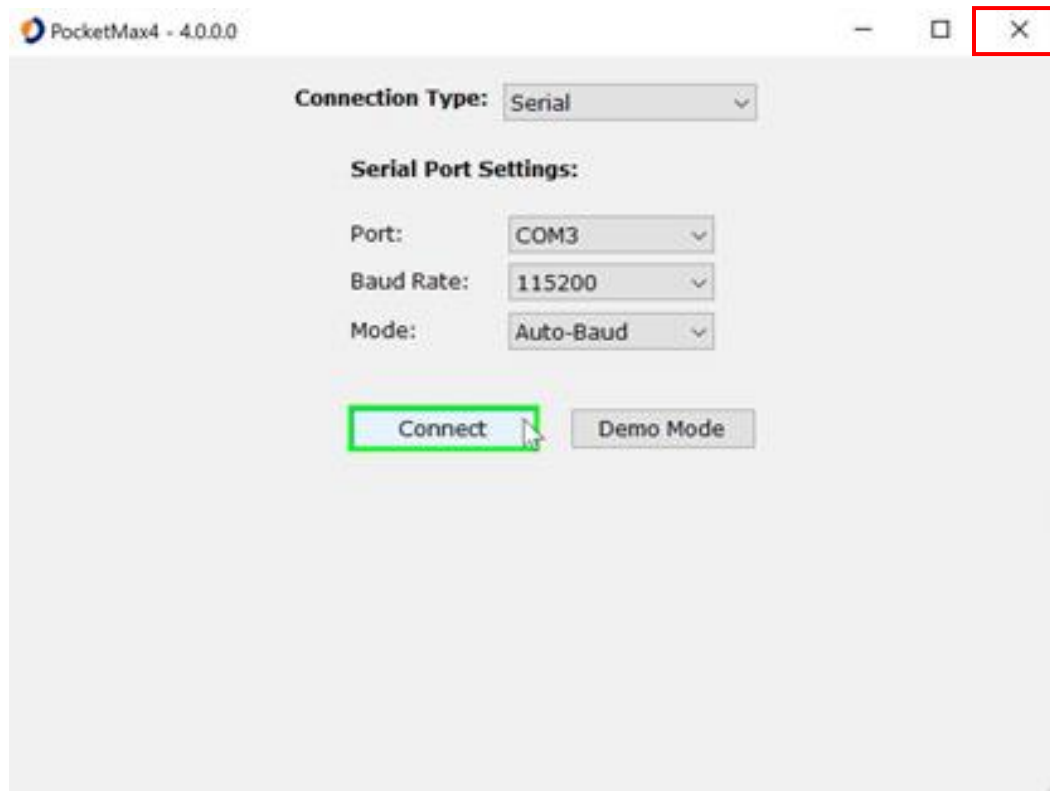


14. Select 'Save Settings + Disconnect'.



15. Once PocketMax4 is done saving and disconnecting, close PocketMax4.

DO NOT RECONNECT TO POCKETMAX4! THIS WILL RESET THE DECIMAL PLACES TO 7.



16. The antenna is now exporting the decimals at 6 places.