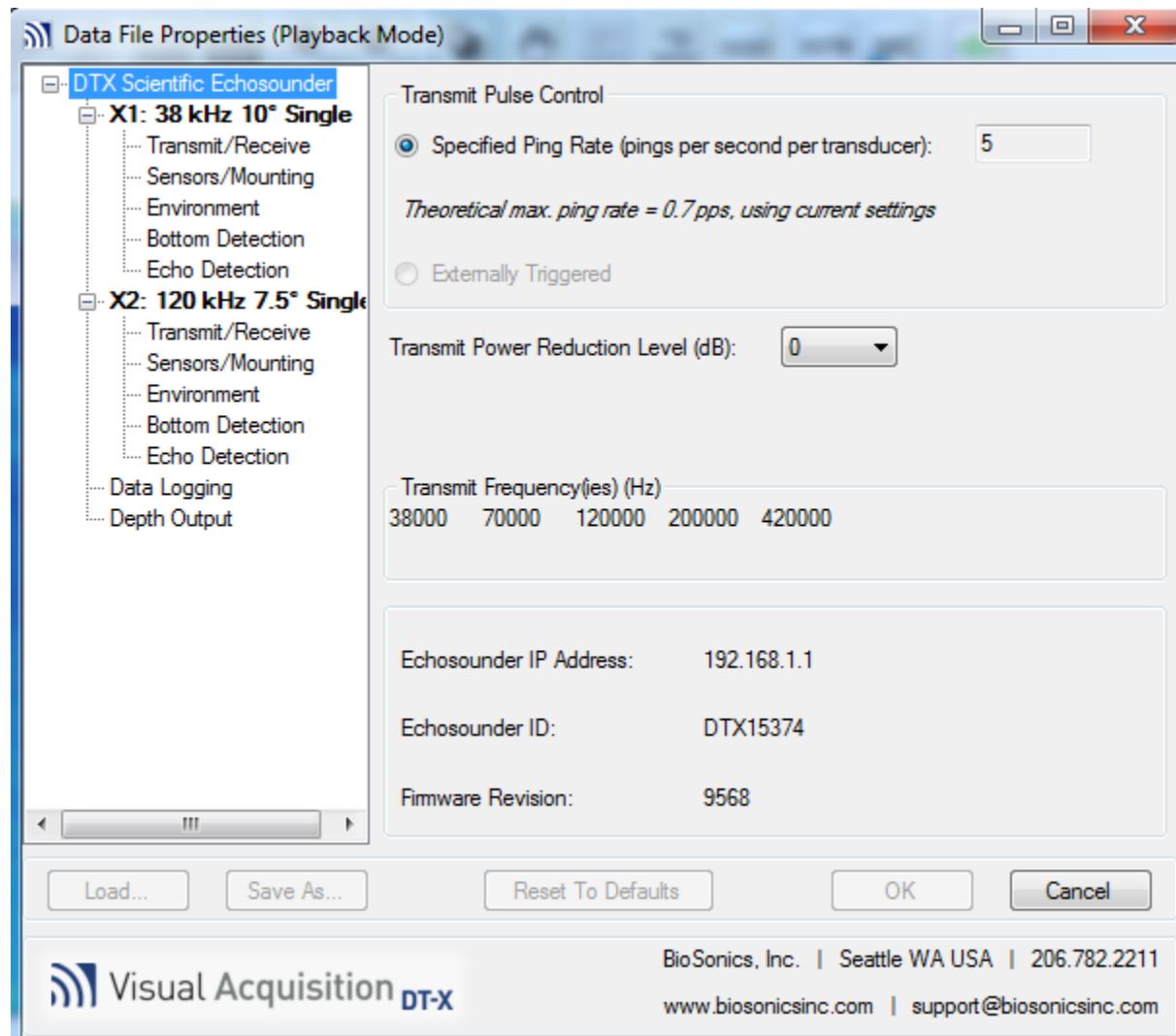
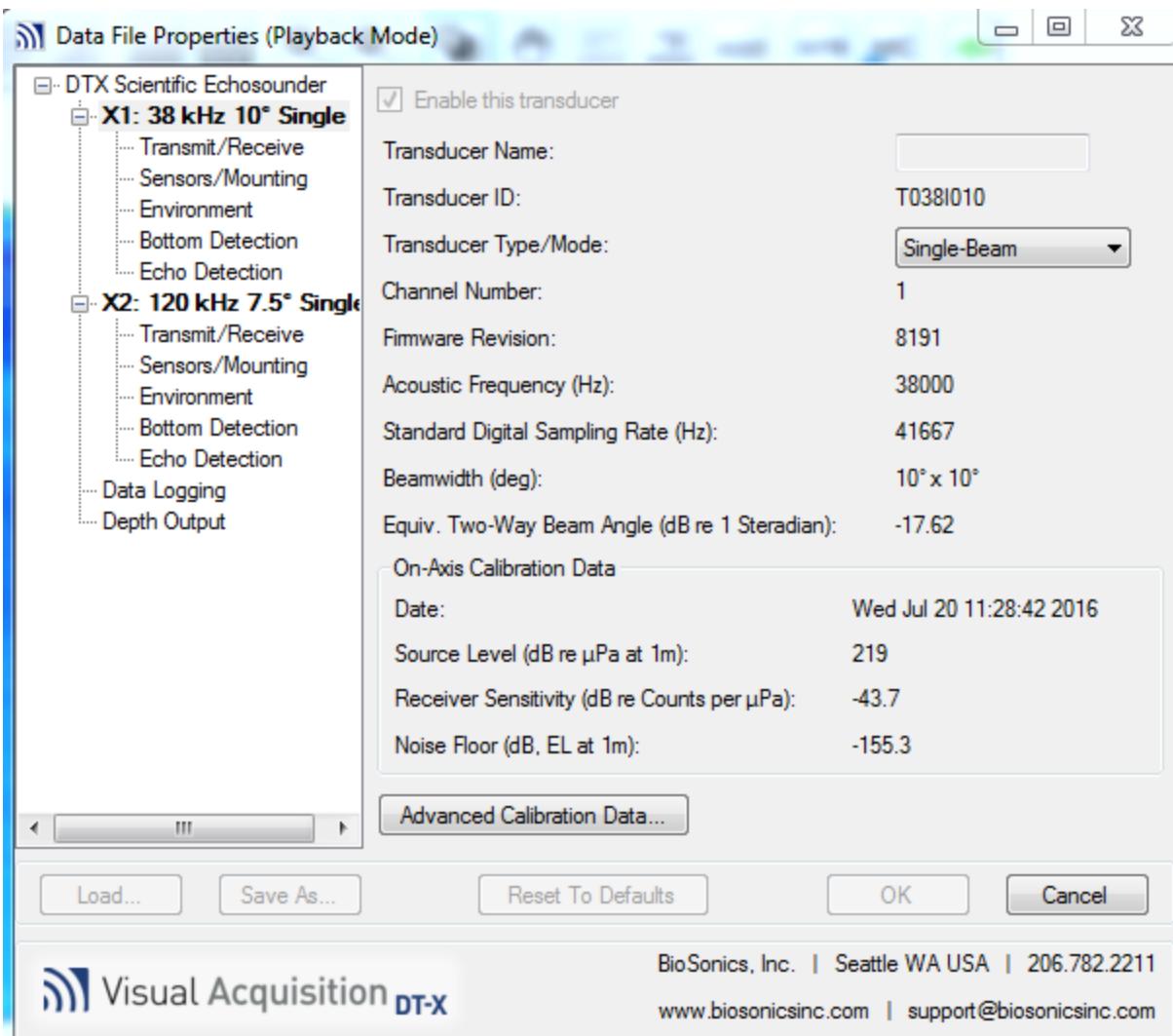


Echosounder 38kHz Configuration





Data File Properties (Playback Mode)

DTX Scientific Echosounder

X1: 38 kHz 10° Single

- Transmit/Receive
- Sensors/Mounting
- Environment
- Bottom Detection
- Echo Detection

X2: 120 kHz 7.5° Single

- Transmit/Receive
- Sensors/Mounting
- Environment
- Bottom Detection
- Echo Detection

Data Logging
Depth Output

Acoustic Mode: Active Transmission Passive Listening

Transmit Pulse Duration (ms):

Start Range (m):

End Range (m):

Calibration Correction (dB):

Advanced

Data Collection Threshold Level (dB):
(Note: selecting a higher threshold may limit data processing options)

You have selected a sampling rate of 20833.5, which is 1/2 times the standard DTX sampling rate. You must set your pulse length to at least 0.4 ms when using this sampling rate.

WARNING: Many analysis software packages do not support DTX data collected with nonstandard sampling rates. Please make sure that the analysis software you plan to use does support the sampling rate you have selected!

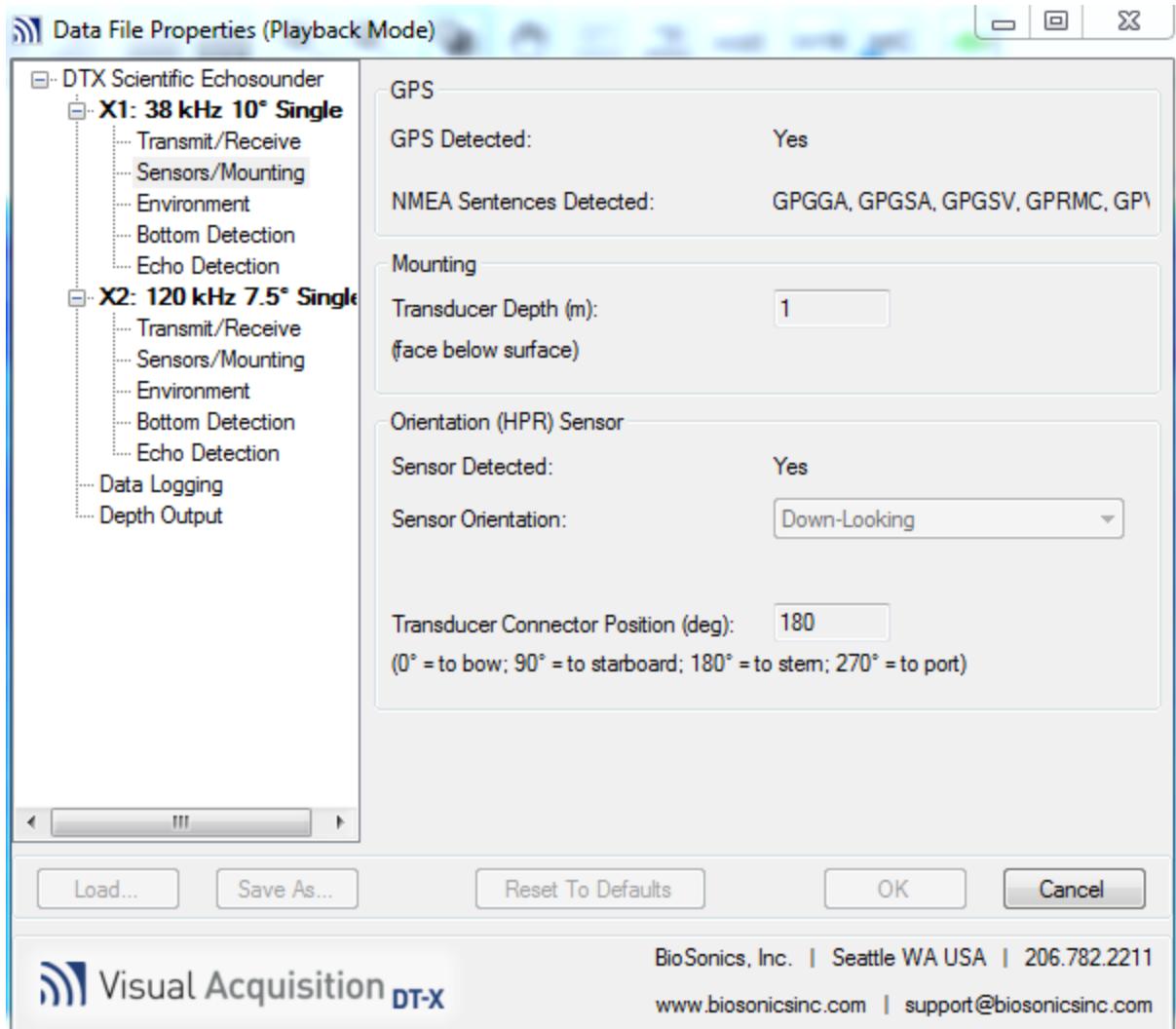
Sampling Rate (Hz):

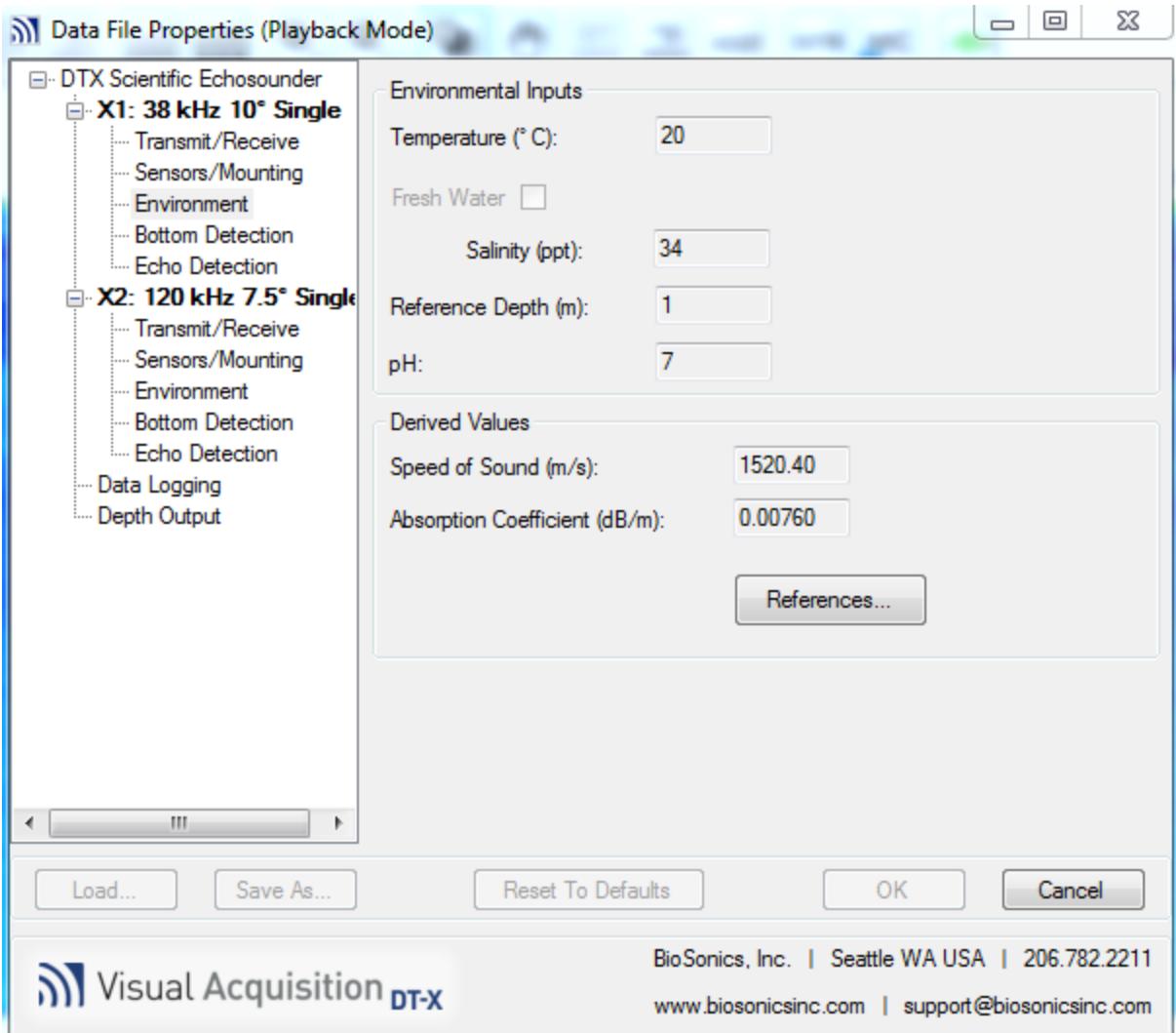
Sample Size (cm):

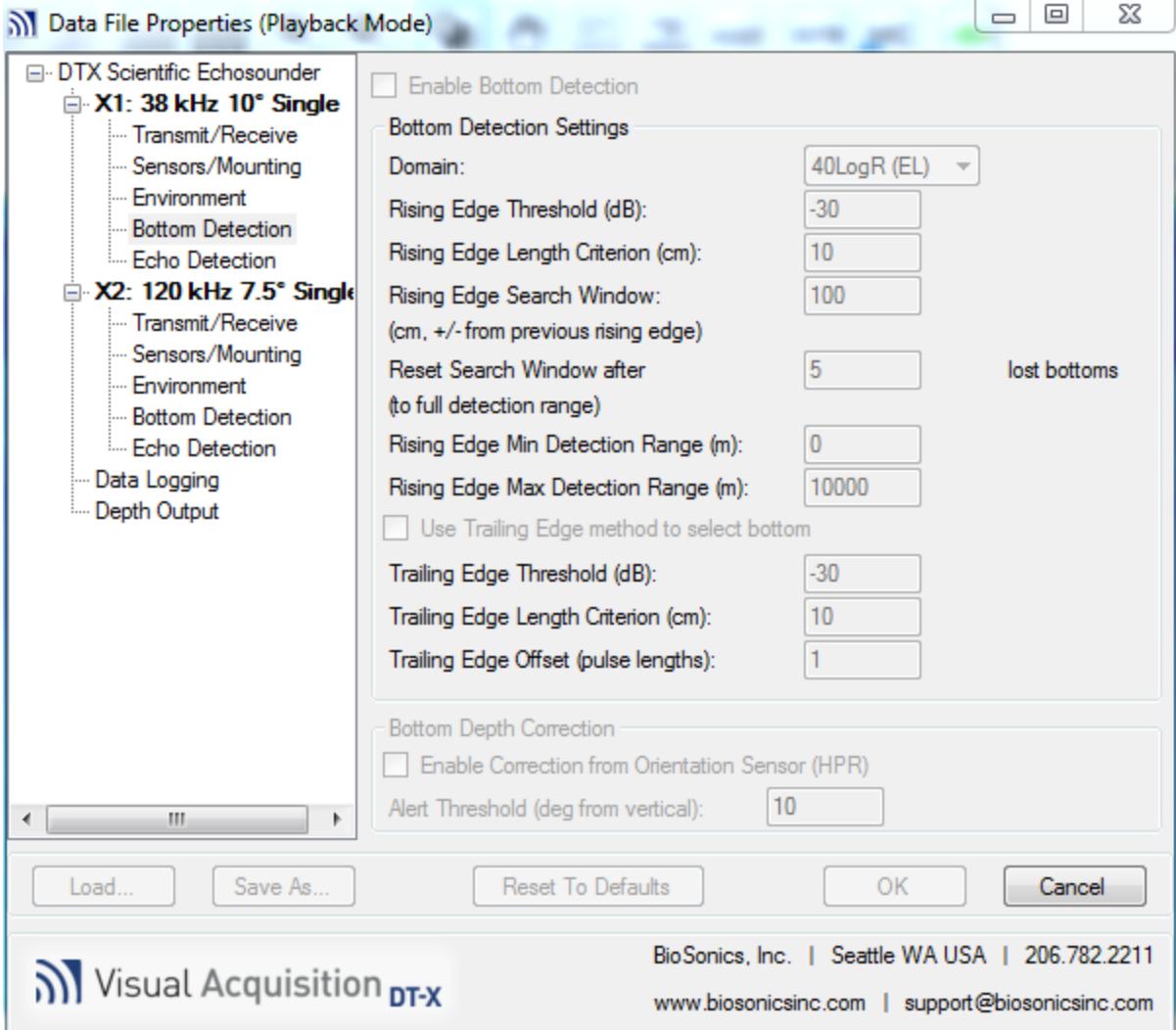
Samples per Pulse Duration:

Visual Acquisition DTX

BioSonics, Inc. | Seattle WA USA | 206.782.2211
www.biosonicsinc.com | support@biosonicsinc.com







Data File Properties (Playback Mode)

DTX Scientific Echosounder

- X1: 38 kHz 10° Single
 - Transmit/Receive
 - Sensors/Mounting
 - Environment
 - Bottom Detection
 - Echo Detection
- X2: 120 kHz 7.5° Single
 - Transmit/Receive
 - Sensors/Mounting
 - Environment
 - Bottom Detection
 - Echo Detection

Data Logging

Depth Output

Enable Single Echo Detection

Echo Level Threshold (dB):

Min Echo Length:
(-6 dB reference) times pulse length

Max Echo Length:
(-6 dB reference) times pulse length

Max SD of Split-Beam Angles (deg):

Max Beam Compensation (dB):
(one-way)

Detection Endpoint (cm above bottom):

Disable echo detection if bottom lost

Transmit Pulse Duration (ms): (pulse length)

Histogram Maximum (dB)

Histogram Bin Width (dB)

Histogram Interval (pings)

Histogram Interval (seconds)
(up to maximum of 500 pings)

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