

Wavewin Sniffer 24
Configuration & Polling Software
(Wavewin Sniffer Operations Guide)



Operations Guide Content

Capturing Data



Capturing Data

Run the Wavewin Sniffer Software



Double Click "Wavewin Sniffer".



Capturing Data
Continuous Data Capture &
Trigger Data Capture

Place the sensor in
the intended environment



Device Configuration

Station: SUBSTATION Company: COMPANY
Device: DEVICE Time Code: -5

WAVEWIN™ Sniffer 24

05 / 10 / 2012 15 : 04 : 29 . 437 (Computer)

Analog Channel Settings

Configuration Triggering Calibration

Channel Titles	Sensor	Unit	P/S Ratio	Cal Mag/Ang	Reference Ang
1 Chan-1	CS-HE-CPL	AMPS	1/1	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>
2 Unused2	NONE	NONE	1/1	<input checked="" type="checkbox"/>	<input type="radio"/>
3 Unused3	NONE	NONE	1/1	<input checked="" type="checkbox"/>	<input type="radio"/>
4 Unused4	NONE	NONE	1/1	<input checked="" type="checkbox"/>	<input type="radio"/>
5 Unused5	NONE	NONE	1/1	<input checked="" type="checkbox"/>	<input type="radio"/>
6 Unused6	NONE	NONE	1/1	<input checked="" type="checkbox"/>	<input type="radio"/>
7 Unused7	NONE	NONE	1/1	<input checked="" type="checkbox"/>	<input type="radio"/>
8 Unused8	NONE	NONE	1/1	<input checked="" type="checkbox"/>	<input type="radio"/>

Step 1: Enter "Channel Title".
Step 2: Select "Sensor Type".

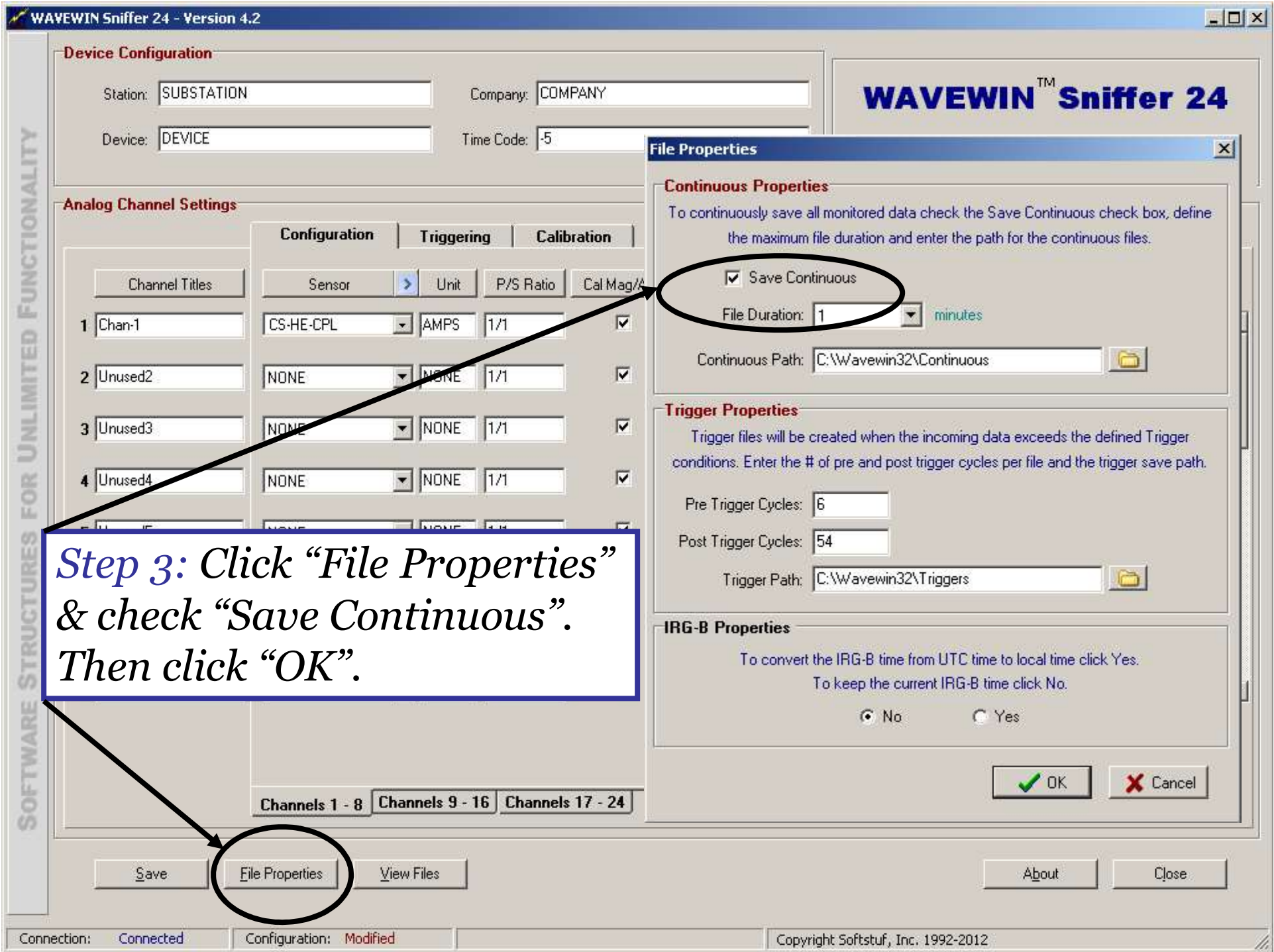
Data Monitor

RMS	Instantaneous	Magnitude	Angle

Sampling Frequency: 3000 Start Recorder

Channels 1 - 8 Channels 9 - 16 Channels 17 - 24

Save File Properties View Files About Close



Step 3: Click "File Properties" & check "Save Continuous". Then click "OK".

WAVEWIN Sniffer 24 - Version 4.2

Device Configuration

Station: SUBSTATION Company: COMPANY

Device: DEVICE Time Code: -5

WAVEWIN™ Sniffer 24

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Analog Channel Settings

Configuration						Data Monitor			
Channel Titles	Sensor	Unit	P/S Ratio	Cal Mag/Ang	Reference Ang	RMS	Instantaneous	Magnitude	Angle
1 Chan-1	CS-HE-CPL	AMPS	1/1	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>				
2 Unused2	NONE	NONE	1/1	<input checked="" type="checkbox"/>	<input type="radio"/>				
3 Unused3	NONE	NONE	1/1	<input checked="" type="checkbox"/>	<input type="radio"/>				
4 Unused4	NONE	NONE	1/1	<input checked="" type="checkbox"/>	<input type="radio"/>				
5 Unused5	NONE	NONE	1/1	<input checked="" type="checkbox"/>	<input type="radio"/>				
6 Unused6	NONE	NONE	1/1	<input checked="" type="checkbox"/>	<input type="radio"/>				
7 Unused7	NONE	NONE	1/1	<input checked="" type="checkbox"/>	<input type="radio"/>				
8 Unused8	NONE	NONE	1/1	<input checked="" type="checkbox"/>	<input type="radio"/>				

Sampling Frequency: 3000

Start Recorder

Channels 1 - 8 Channels 9 - 16 Channels 17 - 24

Save File Properties View Files About Close

Connection: Connected Configuration: Modified Copyright Softstuf, Inc. 1992-2012

Step 4: To begin polling click "Start Recorder".

Triggering

Wavewin Sniffer has 6 different trigger settings:

Trigger Level,

Duration,

Upper Hysteresis,

Lower Hysteresis,

Absolute,

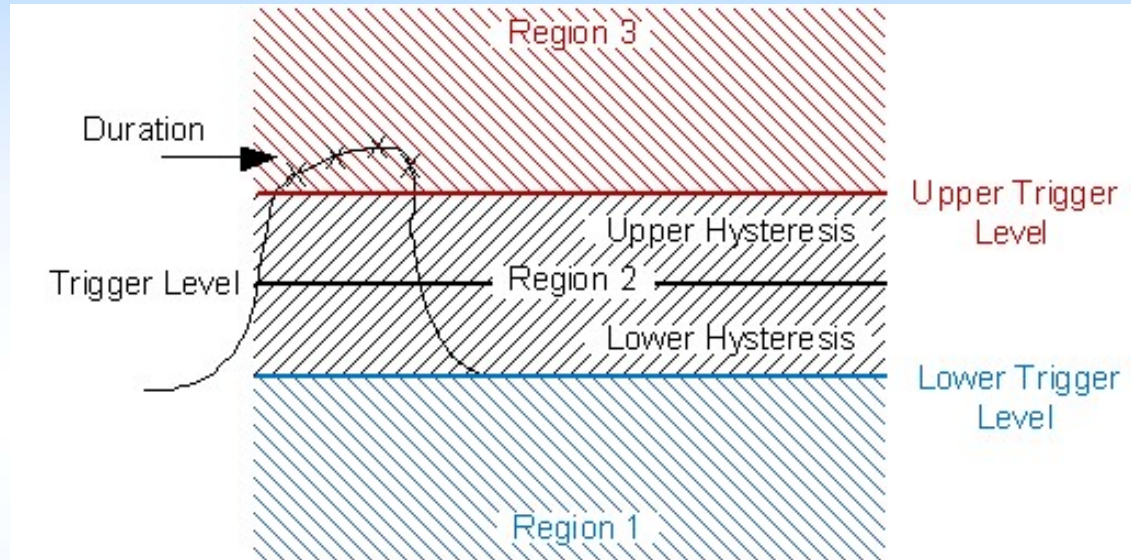
Operator:

greater than (>), less than (<), equal to (=),

not equal to (<>).



Triggering

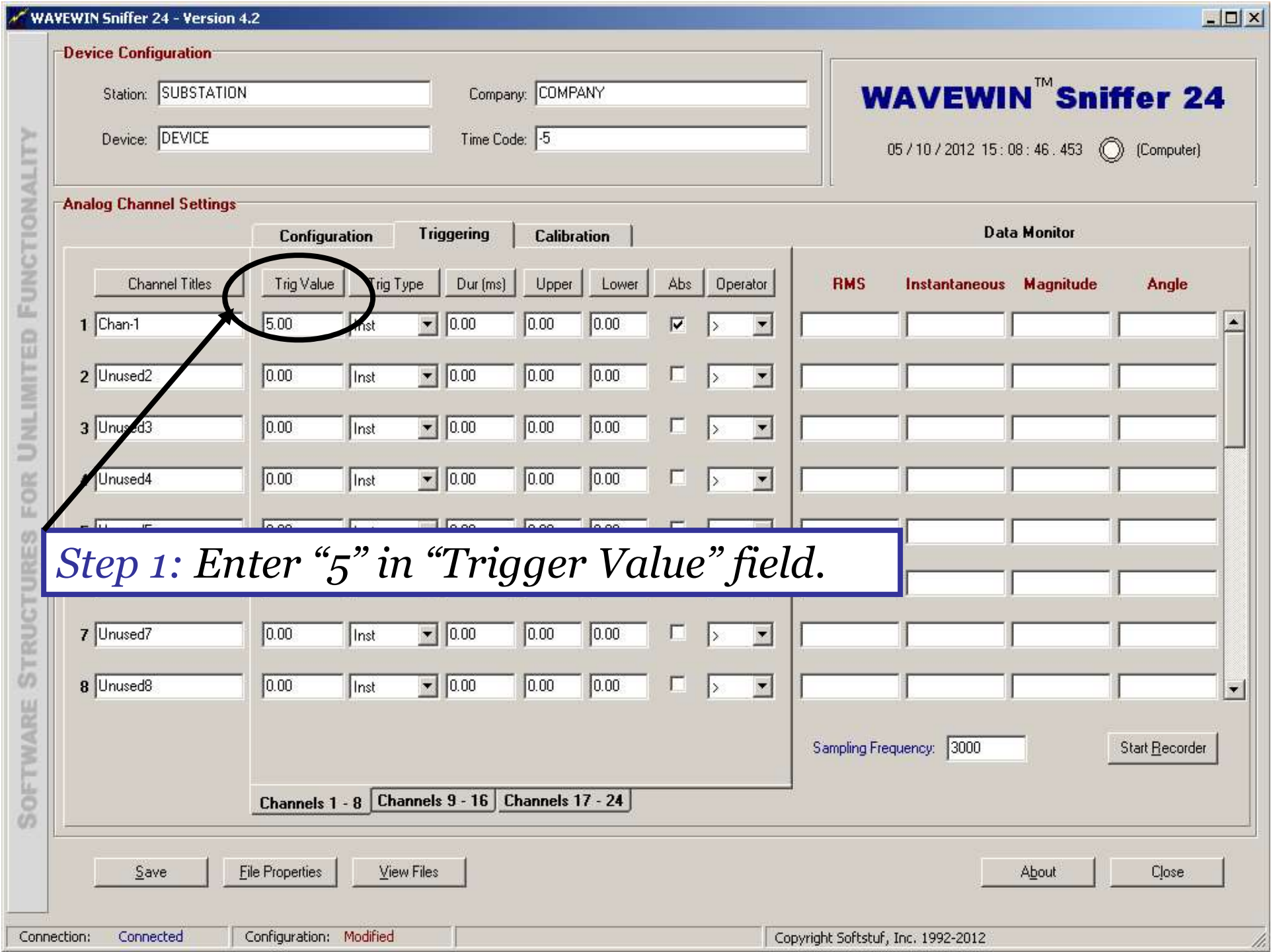


Logic	Trigger	Reset
=	Region 2	Region 1 or Region 3
<>	Region 1 or Region 3	Region 2
>	Region 3	Region 1
<	Region 1	Region 3

Example of Triggering

***How to configure Wavewin Sniffer to
trigger at 5.0 Amps RMS
with Hysteresis region of 1.0 Amps and
a duration of 2 ms.***





Step 1: Enter "5" in "Trigger Value" field.

SOFTWARE STRUCTURES FOR UNLIMITED FUNCTIONALITY

WAVEWIN™ Sniffer 24

05 / 10 / 2012 15 : 08 : 46 . 453 (Computer)

Device Configuration

Station: Company:
Device: Time Code:

Analog Channel Settings

Configuration Triggering Calibration

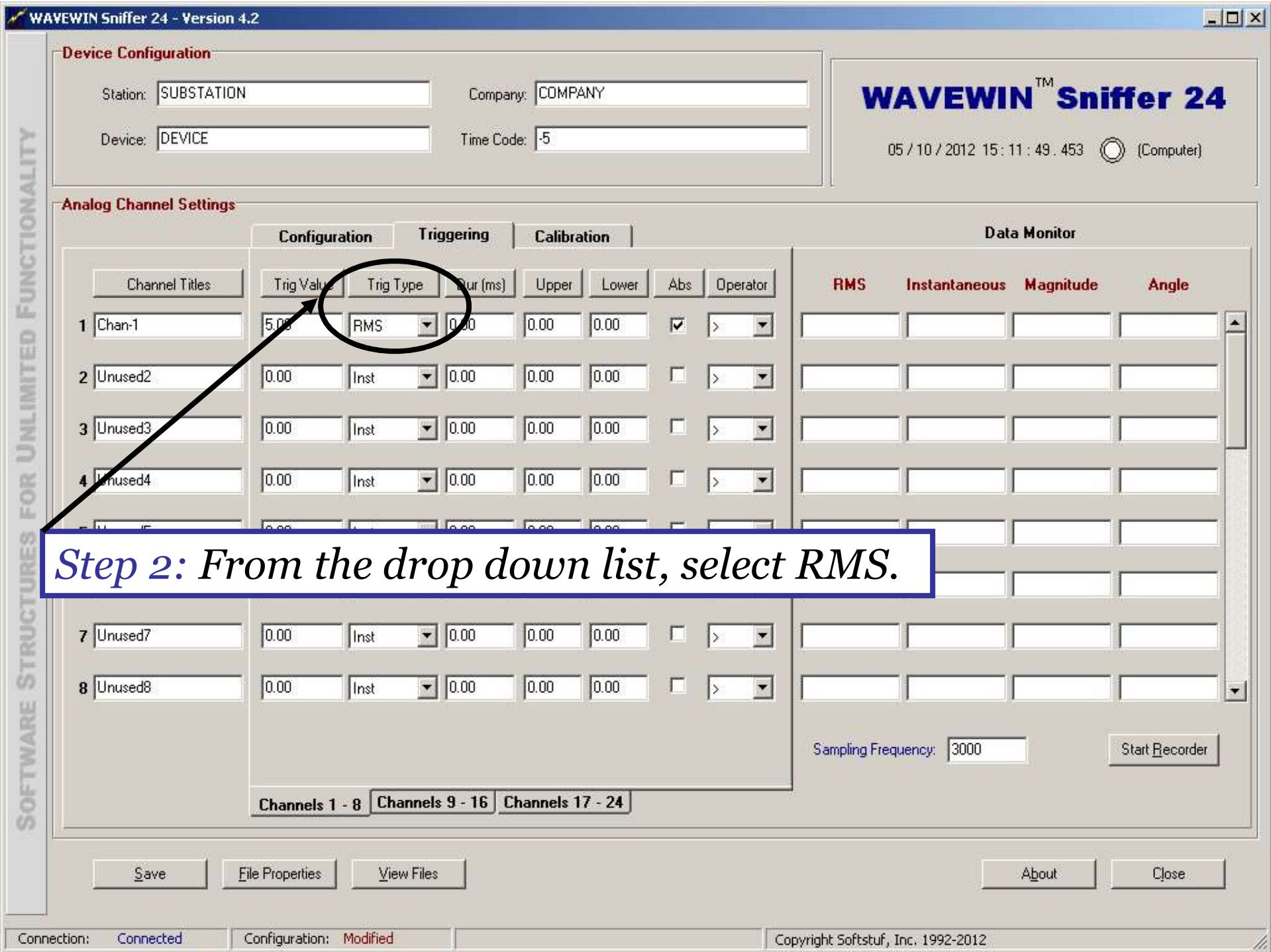
Channel Titles	Trig Value	Trig Type	Dur (ms)	Upper	Lower	Abs	Operator
1 Chan-1	5.00	Inst	0.00	0.00	0.00	<input checked="" type="checkbox"/>	>
2 Unused2	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>
3 Unused3	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>
4 Unused4	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>
5 Unused5	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>
6 Unused6	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>
7 Unused7	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>
8 Unused8	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>

Data Monitor

RMS	Instantaneous	Magnitude	Angle

Sampling Frequency:

Channels 1 - 8 Channels 9 - 16 Channels 17 - 24



Device Configuration

Station: SUBSTATION Company: COMPANY
Device: DEVICE Time Code: -5

WAVEWIN™ Sniffer 24

05 / 10 / 2012 15 : 11 : 49 . 453 (Computer)

Analog Channel Settings

Configuration Triggering Calibration

Data Monitor

Channel Titles	Trig Value	Trig Type	Dur (ms)	Upper	Lower	Abs	Operator
1 Chan-1	5.00	RMS	2.00	0.00	0.00	<input checked="" type="checkbox"/>	> ▾
2 Unused2	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	> ▾
3 Unused3	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	> ▾
4 Unused4	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	> ▾
5 Unused5	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	> ▾
6 Unused6	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	> ▾
7 Unused7	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	> ▾
8 Unused8	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	> ▾

RMS	Instantaneous	Magnitude	Angle

Step 3: Enter "2" in "Duration" field.

Sampling Frequency: 3000 Start Recorder

Channels 1 - 8 Channels 9 - 16 Channels 17 - 24

Save File Properties View Files About Close

WAVEWIN Sniffer 24 - Version 4.2

Device Configuration

Station: SUBSTATION Company: COMPANY

Device: DEVICE Time Code: -5

WAVEWIN™ Sniffer 24

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Analog Channel Settings

Channel Titles	Configuration		Triggering		Calibration		Data Monitor				
	Trig Value	Trig Type	Dur (ms)	Upper	Lower	Abs	Operator	RMS	Instantaneous	Magnitude	Angle
1 Chan-1	5.00	RMS	2.00	0.5	0.5	<input checked="" type="checkbox"/>	>				
2 Unused2	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>				
3 Unused3	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>				
4 Unused4	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>				
8 Unused8	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>				

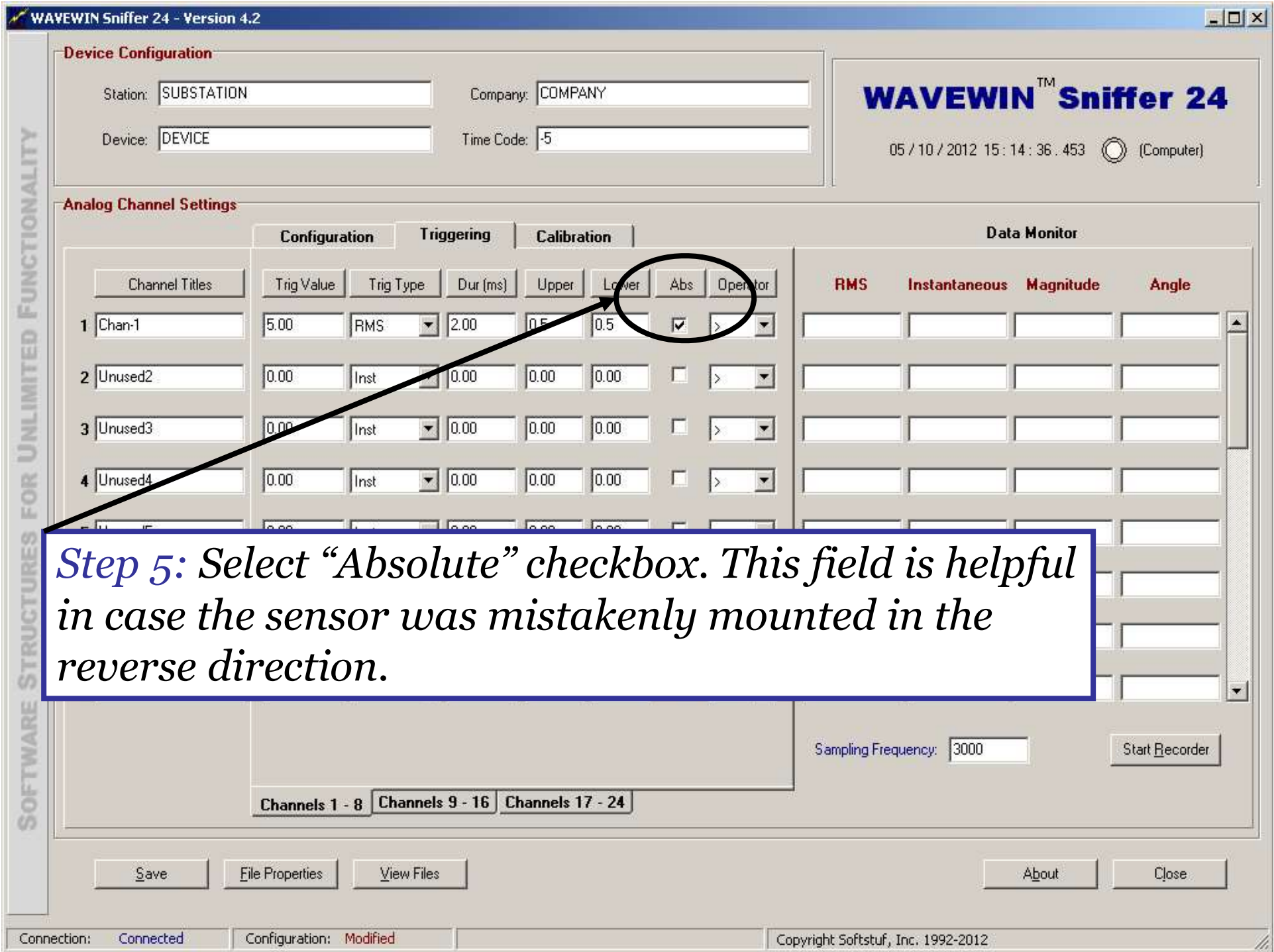
Channels 1 - 8 Channels 9 - 16 Channels 17 - 24

Sampling Frequency: 3000 Start Recorder

Save File Properties View Files About Close

Connection: Connected Configuration: Modified Copyright Softstuf, Inc. 1992-2012

Step 4: Enter "0.5" in "Upper Hysteresis" & "0.5" in "Lower Hysteresis" fields.



Step 5: Select "Absolute" checkbox. This field is helpful in case the sensor was mistakenly mounted in the reverse direction.

WAVEWIN Sniffer 24 - Version 4.2

Device Configuration

Station: SUBSTATION Company: COMPANY

Device: DEVICE Time Code: -5

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WAVEWIN™ Sniffer 24

Analog Channel Settings

Configuration Triggering Calibration Data Monitor

Channel Titles	Trig Value	Trig Type	Dur (ms)	Upper	Lower	Abs	Operator	RMS	Instantaneous	Magnitude	Angle
1 Chan-1	5.00	RMS	2.00	0.5	0.5	<input checked="" type="checkbox"/>	>				
2 Unused2	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>				
3 Unused3	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>				
4 Unused4	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>				
7 Unused7	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>				
8 Unused8	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>				

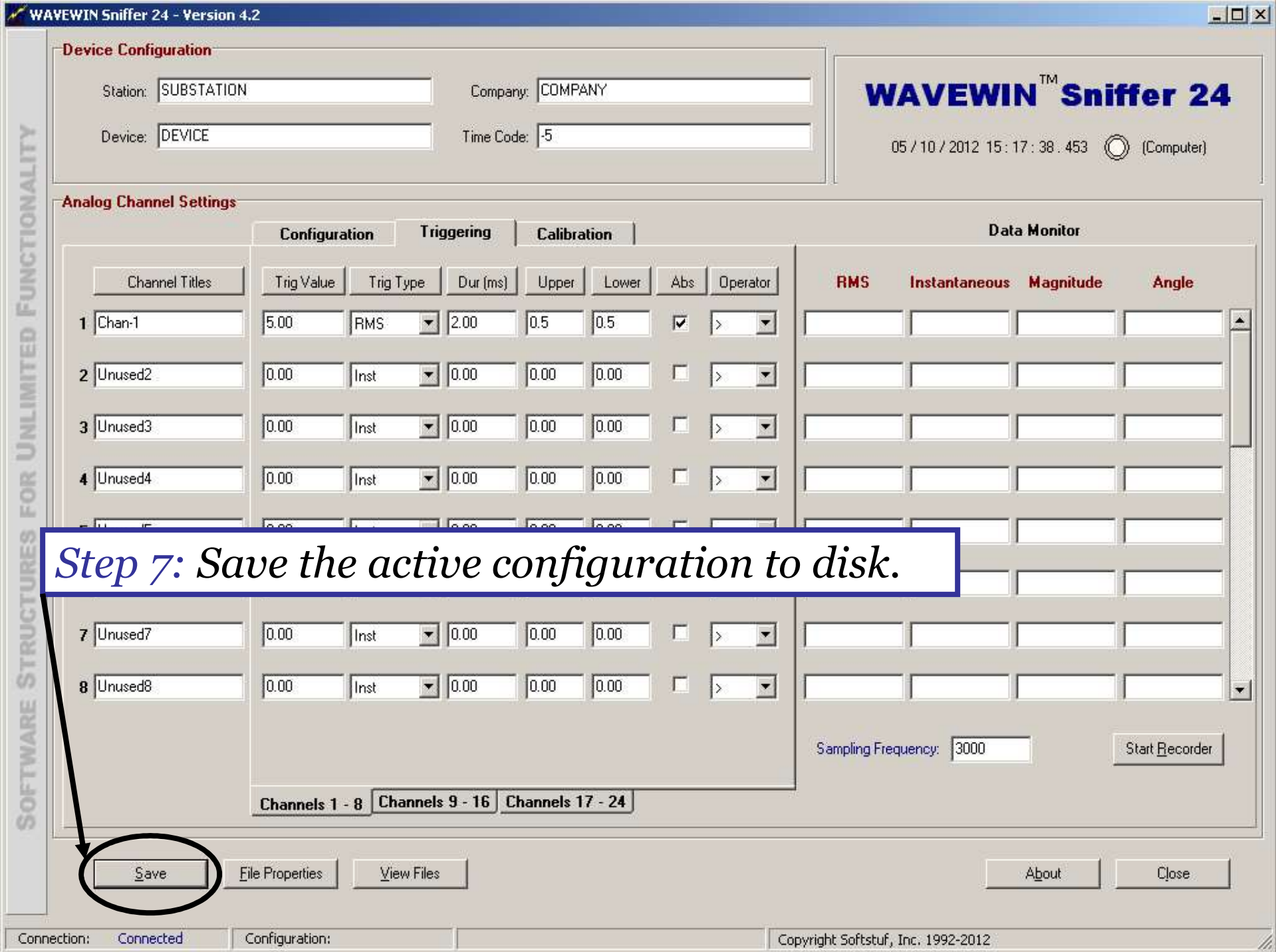
Channels 1 - 8 Channels 9 - 16 Channels 17 - 24

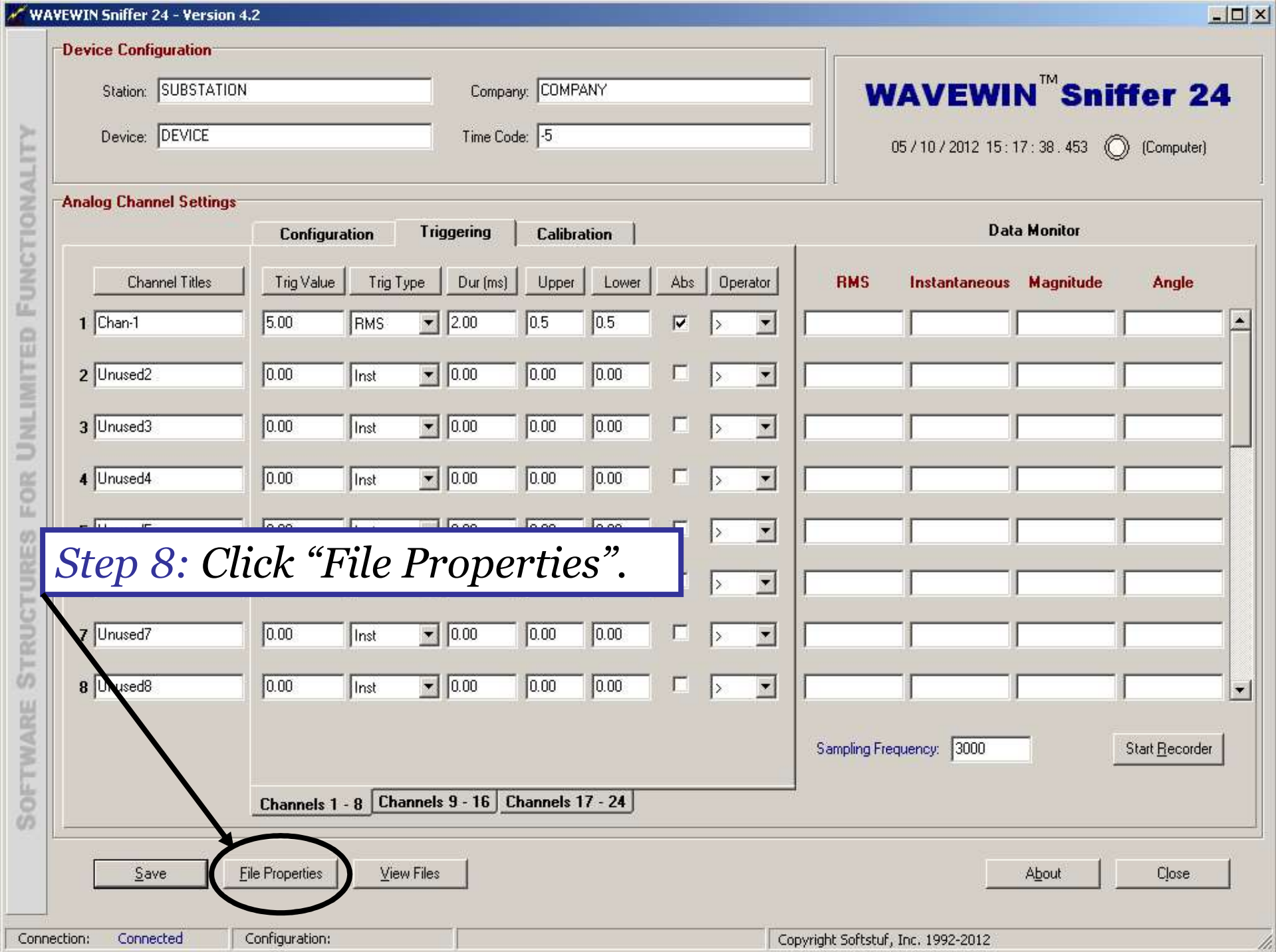
Sampling Frequency: 3000 Start Recorder

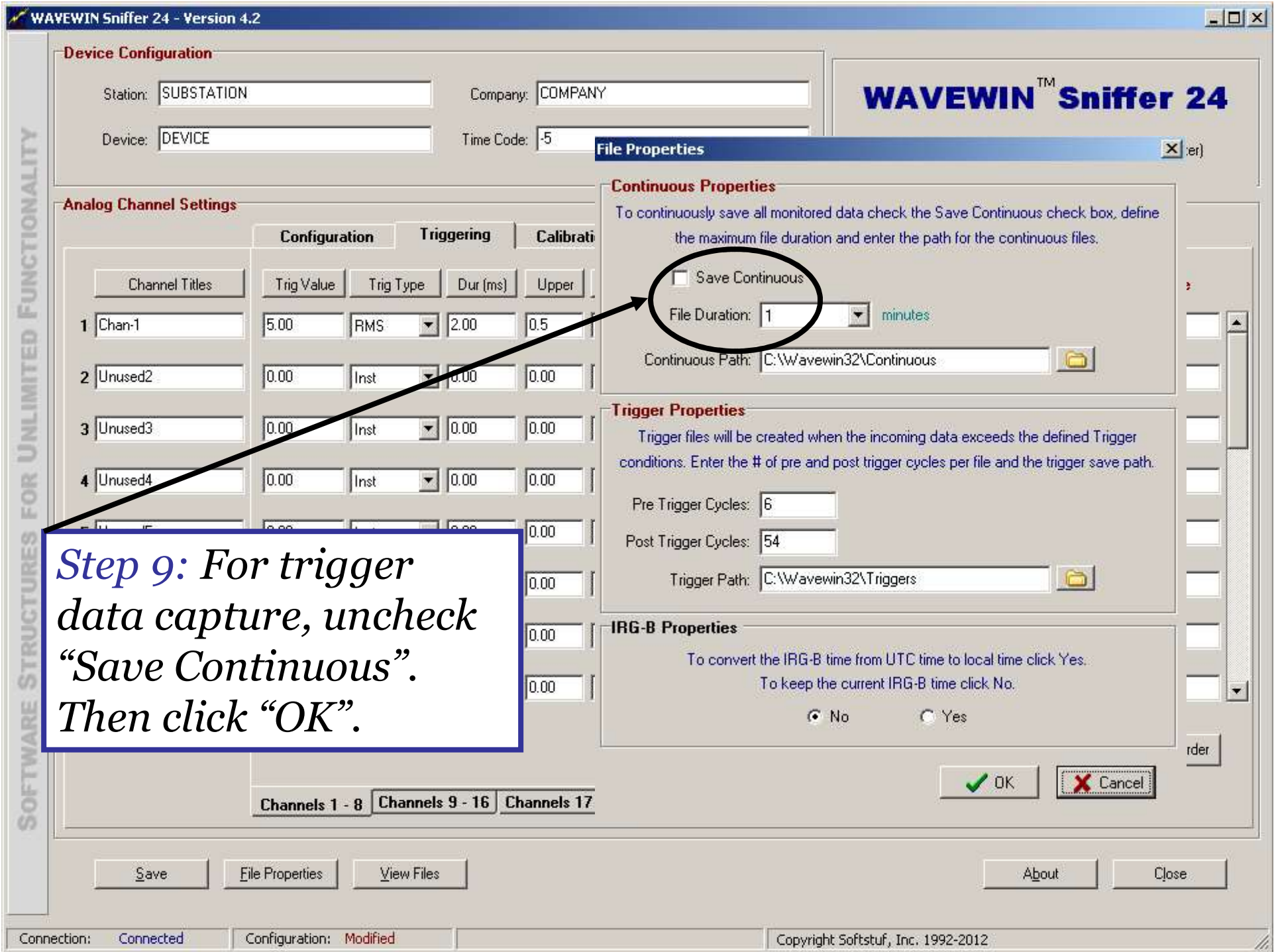
Save File Properties View Files About Close

Connection: Connected Configuration: Modified Copyright Softstuf, Inc. 1992-2012

Step 6: Select ">" from "Operator" drop down list.







Step 9: For trigger data capture, uncheck "Save Continuous". Then click "OK".

WAVEWIN Sniffer 24 - Version 4.2

Device Configuration

Station: SUBSTATION Company: COMPANY

Device: DEVICE Time Code: -5

WAVEWIN™ Sniffer 24

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Analog Channel Settings

Configuration Triggering Calibration

Channel Titles	Trig Value	Trig Type	Dur (ms)	Upper	Lower	Abs	Operator	RMS	Instantaneous	Magnitude	Angle
1 Chan-1	5.00	RMS	2.00	0.5	0.5	<input checked="" type="checkbox"/>	>				
2 Unused2	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>				
3 Unused3	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>				
4 Unused4	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>				
5 Unused5	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>				
6 Unused6	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>				
7 Unused7	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>				
8 Unused8	0.00	Inst	0.00	0.00	0.00	<input type="checkbox"/>	>				

Data Monitor

RMS Instantaneous Magnitude Angle

Sampling Frequency: 3000

Start Recorder

Channels 1 - 8 Channels 9 - 16 Channels 17 - 24

Save File Properties View Files About Close

Connection: Connected Configuration: Modified Copyright Softstuf, Inc. 1992-2012

Step 10: Click "Start Recorder" to begin polling.

End of Operations Guide

