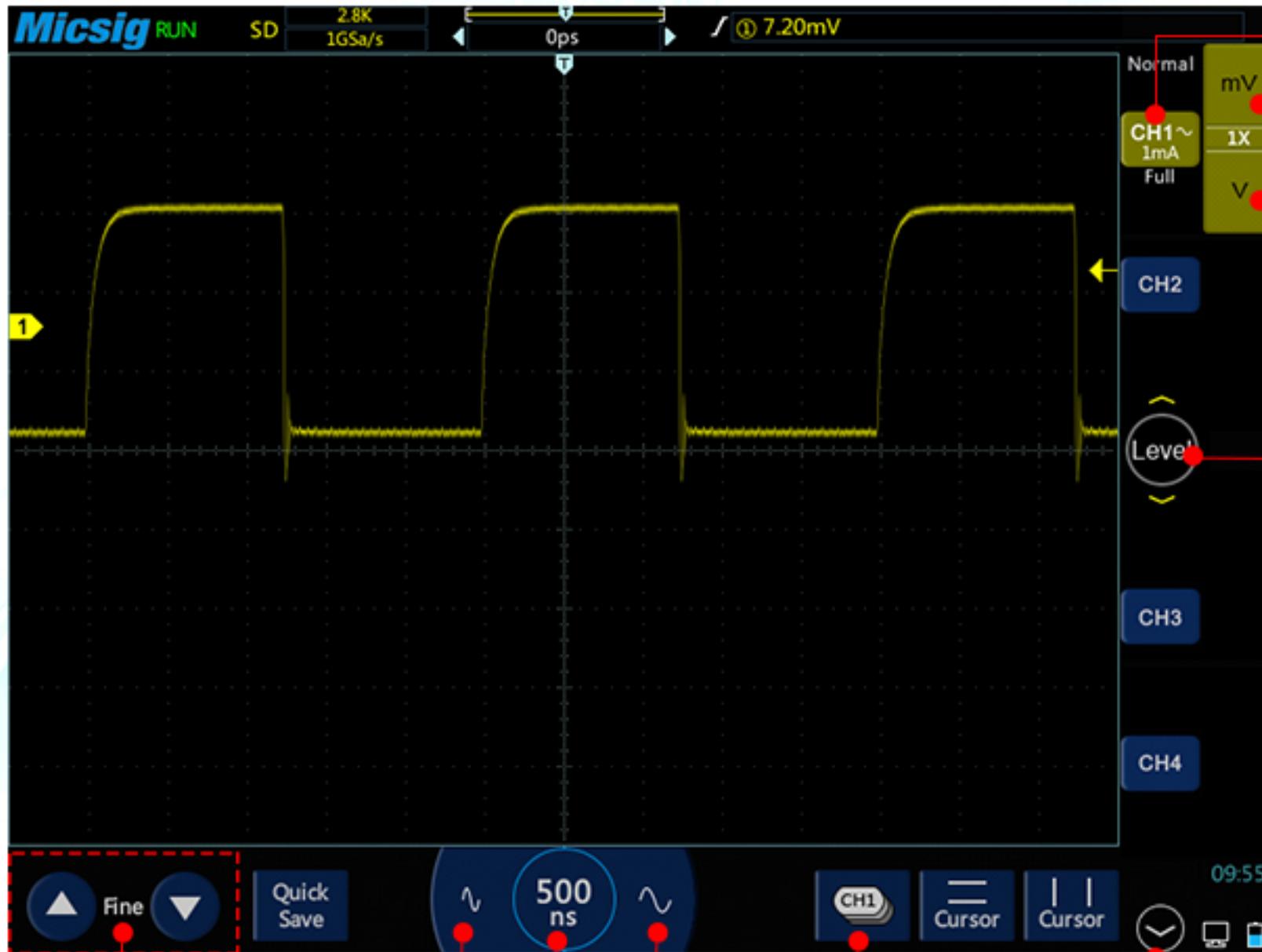


Micsig®

Digital Tablet Oscilloscope
tBook Mini TO1000 series

**Quick
Start
Guide**





Turn On/Off channel

Increase vertical gain

Decrease vertical gain

Tap (Level) to open trigger level slider, then drag the trigger lever marker to the desired position.

Decrease sweep speed (zoom out)

Increase sweep speed

Channel selection

Tap (Menu) to open Math, Reference and bus decoding channel setting.

Fine adjustment

Tap to open the time base circle.

Turn on On/off channel menu

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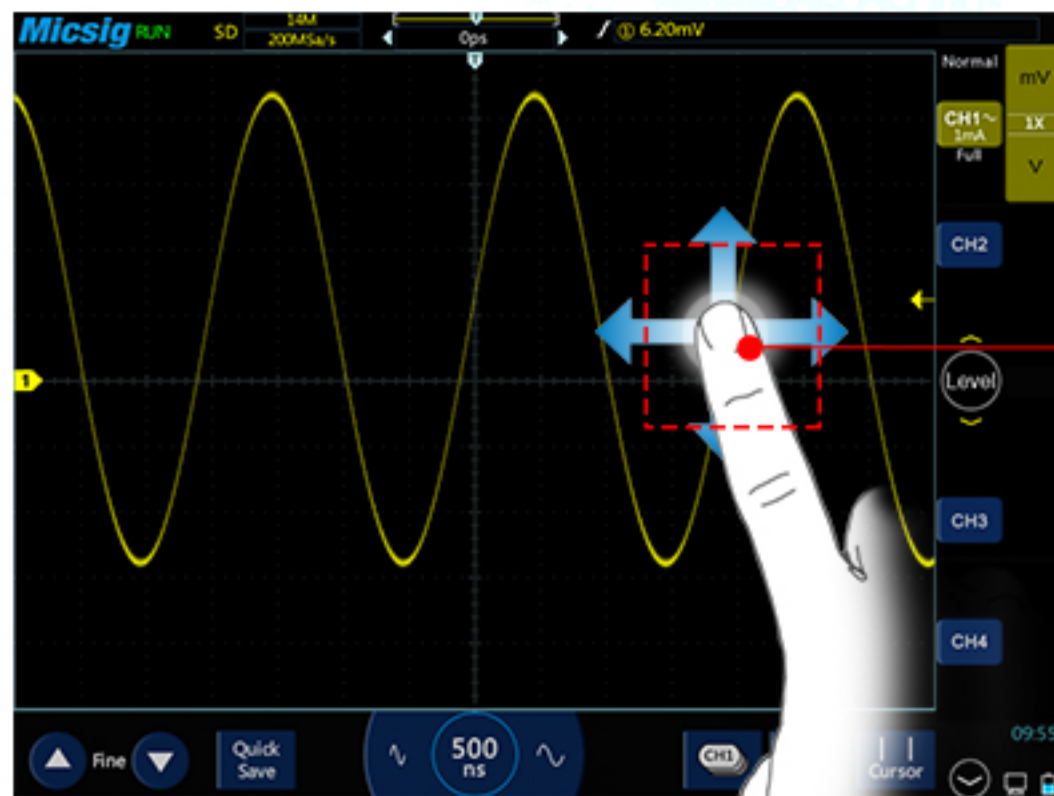
Tap CH1 to turn on the CH1 channel menu.

Channel configuration information

Tap any other place on screen to exit channel menu.

Waveform Positioning

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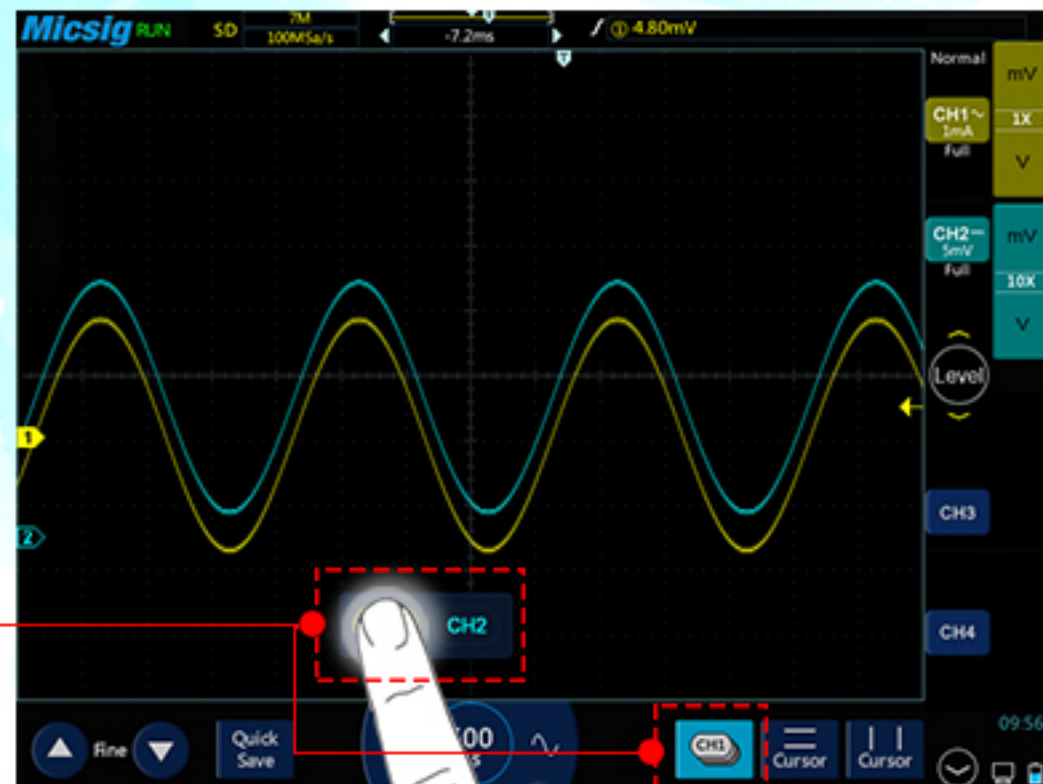
Drag the waveform in the desired direction with the tip of your finger.

Note: all waveforms will be moved simultaneously when you move the waveform position horizontally.

Select/unselect current channel

Tap **CH1** once to select desired channel you want to use, then you can easily find desired waveform when there are many waveforms on the screen.

Note: When you open this function, you cannot drag the waveform directly.



Turn On/Off main menu

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Slide down on the top of screen to open main menu.

There are two methods to exit main menu:

① Slide up on the top of screen.

② Tap any other place on screen.

There are two methods to turn off quickmenu:

① Drag menu sliding downward to turn off quickmenu.

② Tap clear area (no keys area) to turn off menu.

Slide up on the bottom of screen to open the shortcut key.

Time base setting

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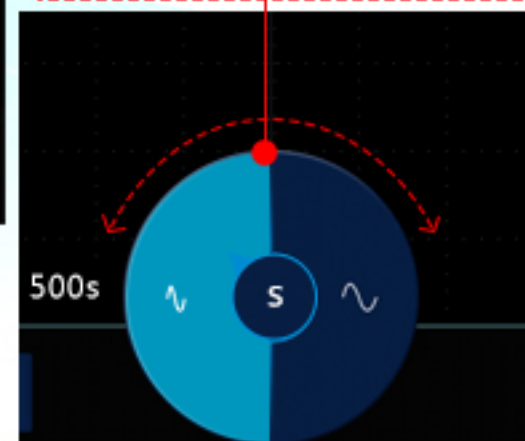
Double tap the waveform to zoom in on the desired region.

Time base knob:
Click on either the left or right of the knob to increase or decrease the time base, or rotate it like a standard knob.

Decrease sweep speed

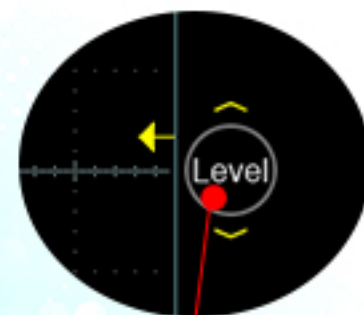
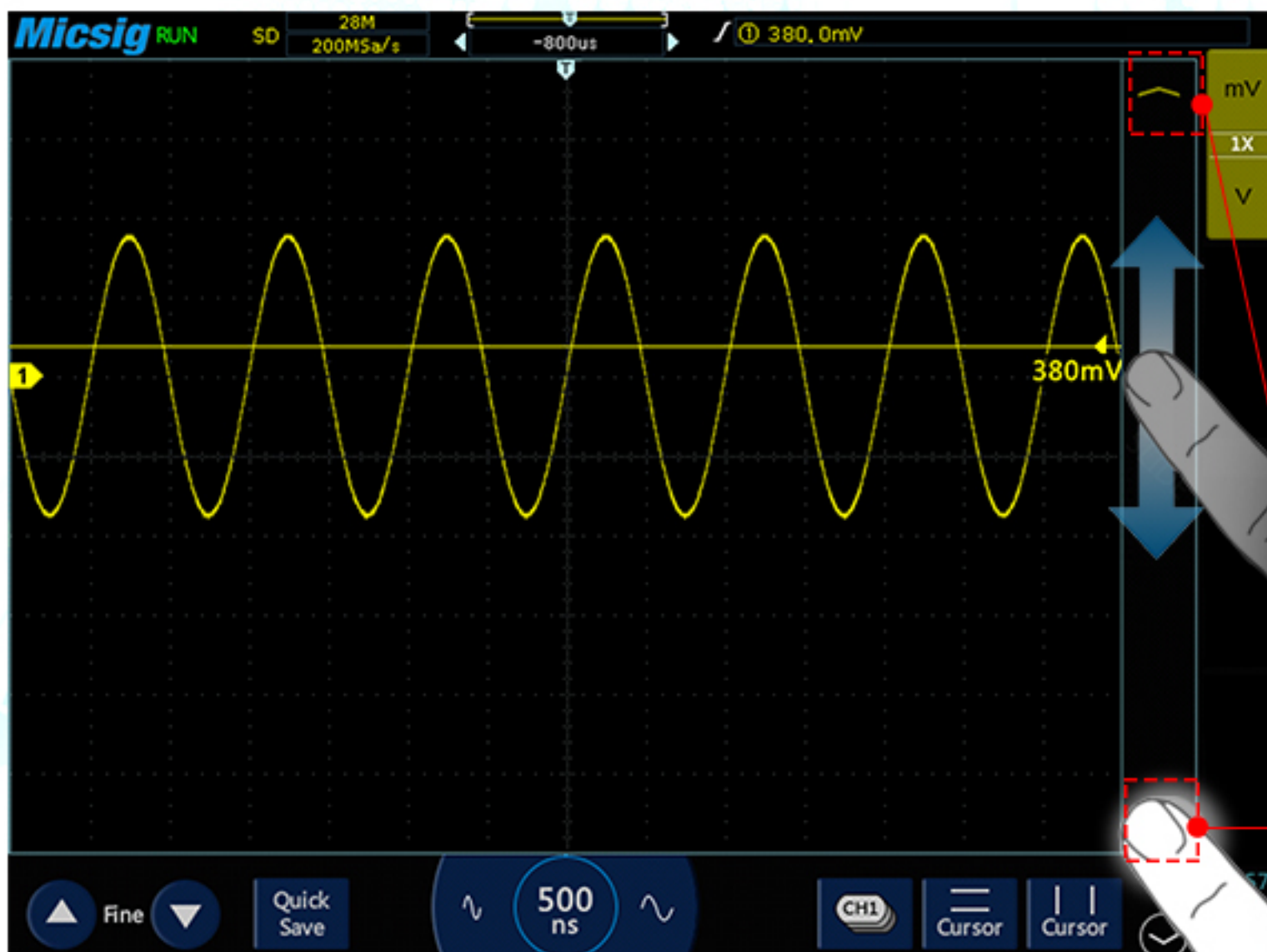
Increase sweep speed

Tap to open time base knob



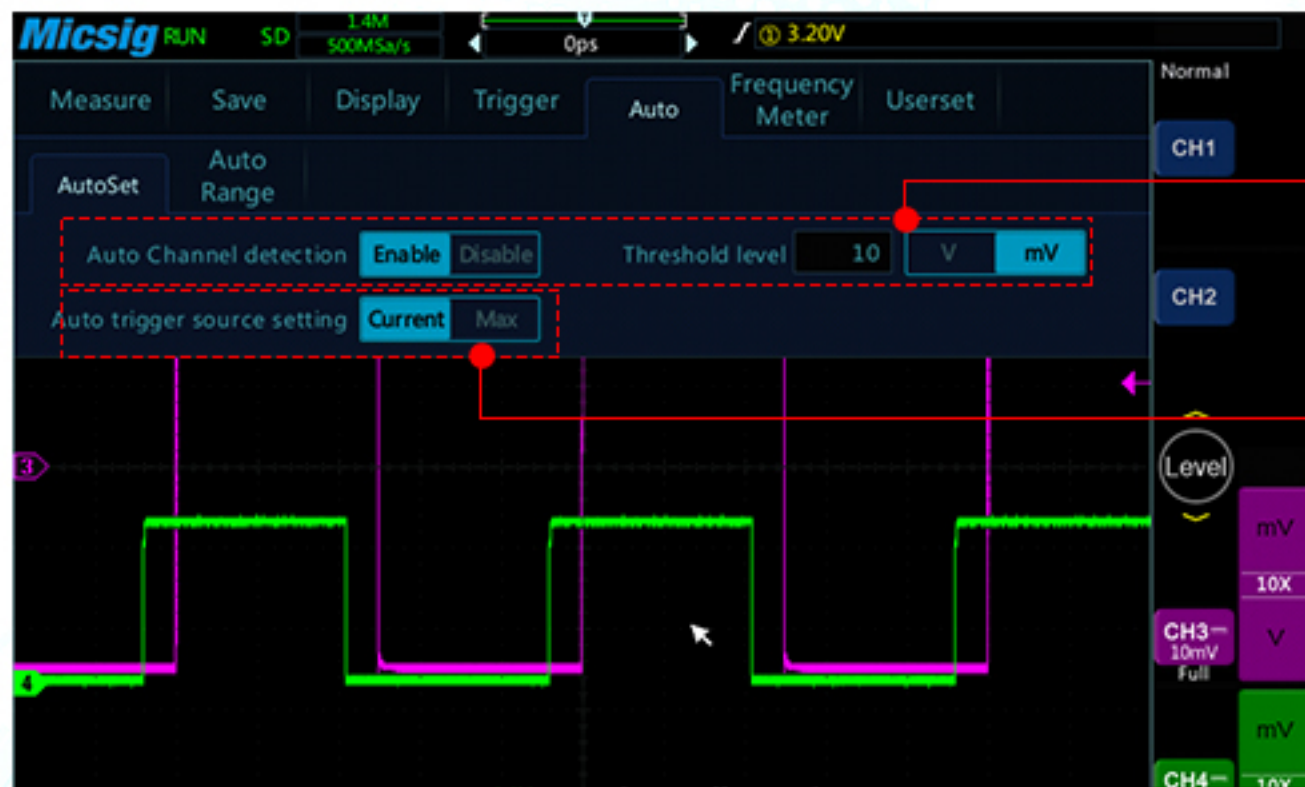
Trigger level setting

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Tap **Level** to open trigger level slider, then drag the trigger lever marker to the desired position.

Tap  can switch quickly trigger source.



AutoSet

① Automatically turn channels on/off depending on detected activity.

② threshold level setting.

Automatic trigger source setting

① "Current" always use the currently selected channel as the trigger source.

② "Max" automatically select the trigger channel based on signal levels.



AutoRange

To enable/disable AutoRange Function.

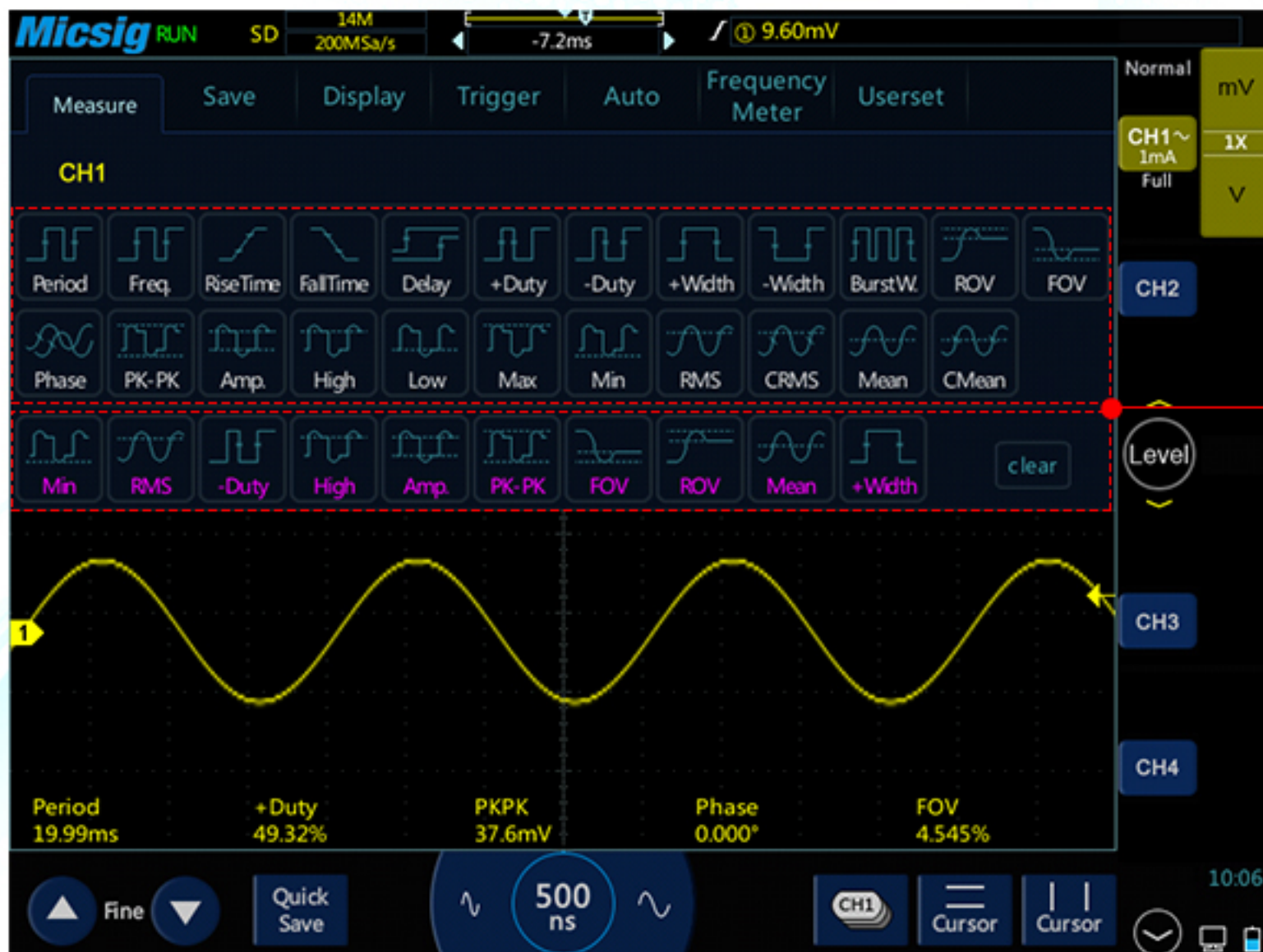
AutoRange control items:

① Vertical gain

② Horizontal time base

③ Trigger Level

Note: When opening **AutoRange**, **AutoSet** is invalid.



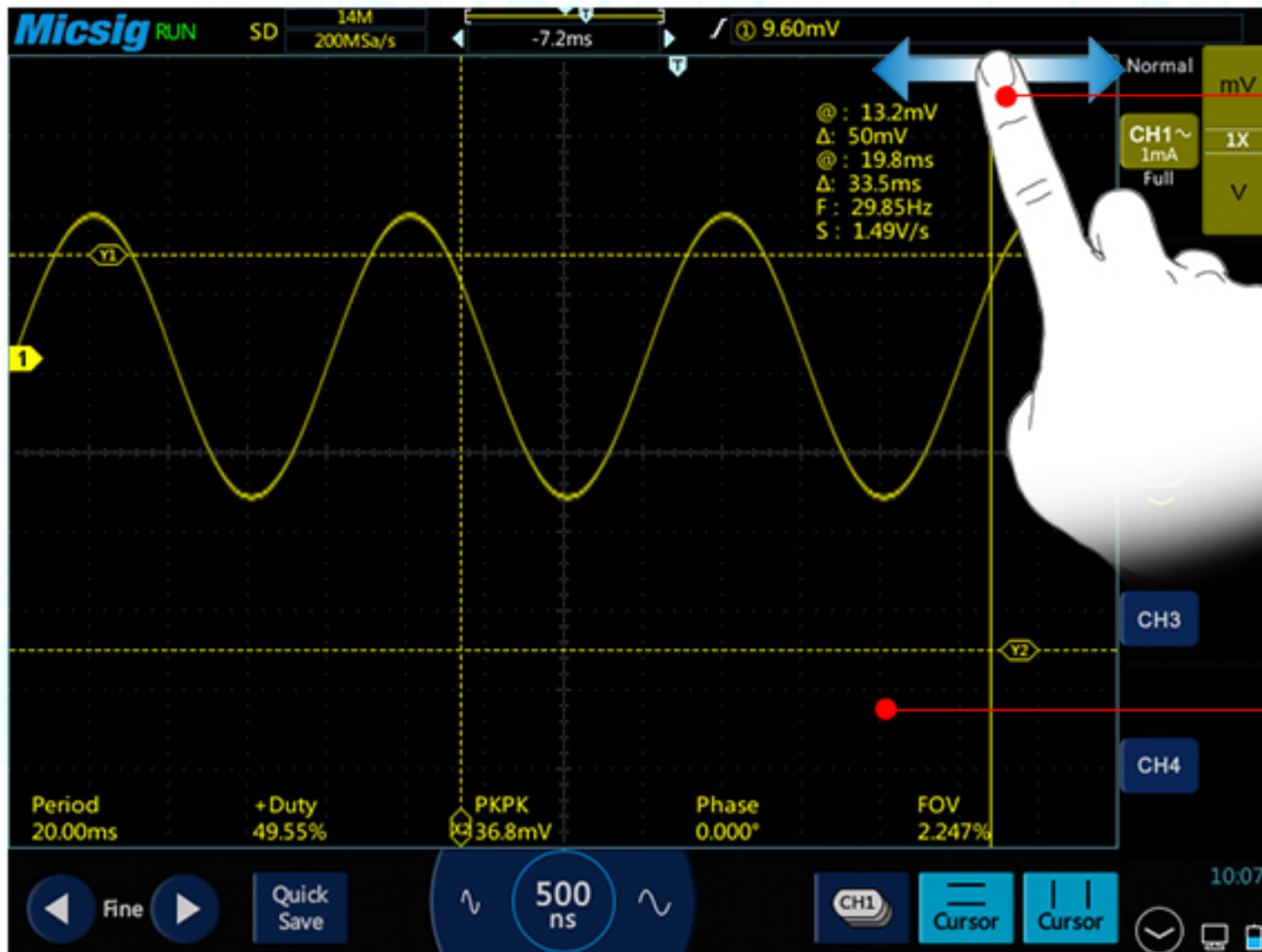
Enabled measurement parameters are displayed here. Tap to turn a measurement off or tap clear to turn off all measurements.

Turn on auto measurement parameters

- ① Tap **Measure** or swipe down on the top of screen to turn on main menu.
- ② Select the desired channel firstly (if there is more than one channel open).
- ③ Tap to turn on desired measure parameters.

Cursor

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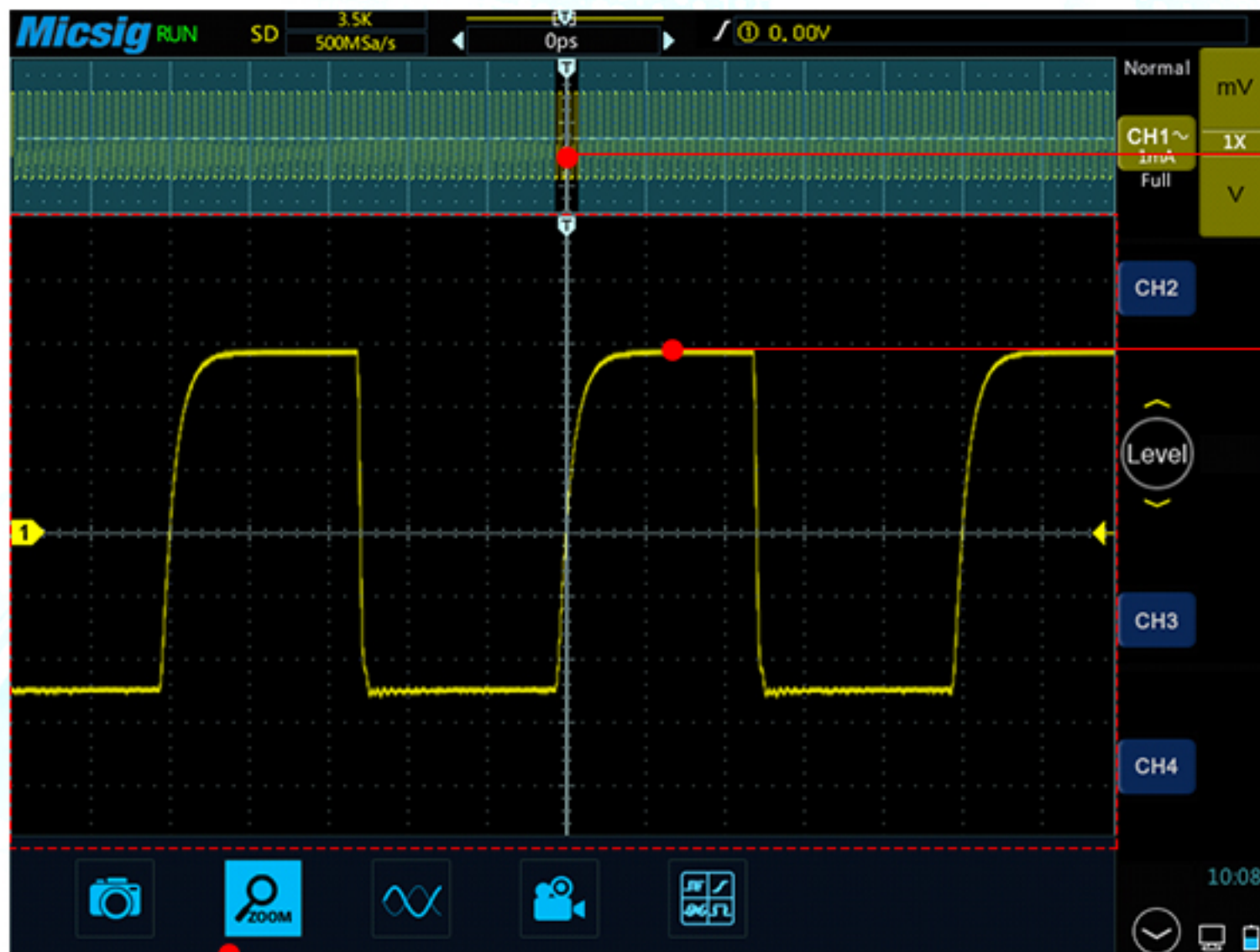


tap $X1$, $X2$, $Y1$, $Y2$, to enable the cursor function. You can read the value on the top right corner.

Touch the screen with two fingers to simultaneously adjust cursor position.

ZOOM

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Waveform preview area

Main display area

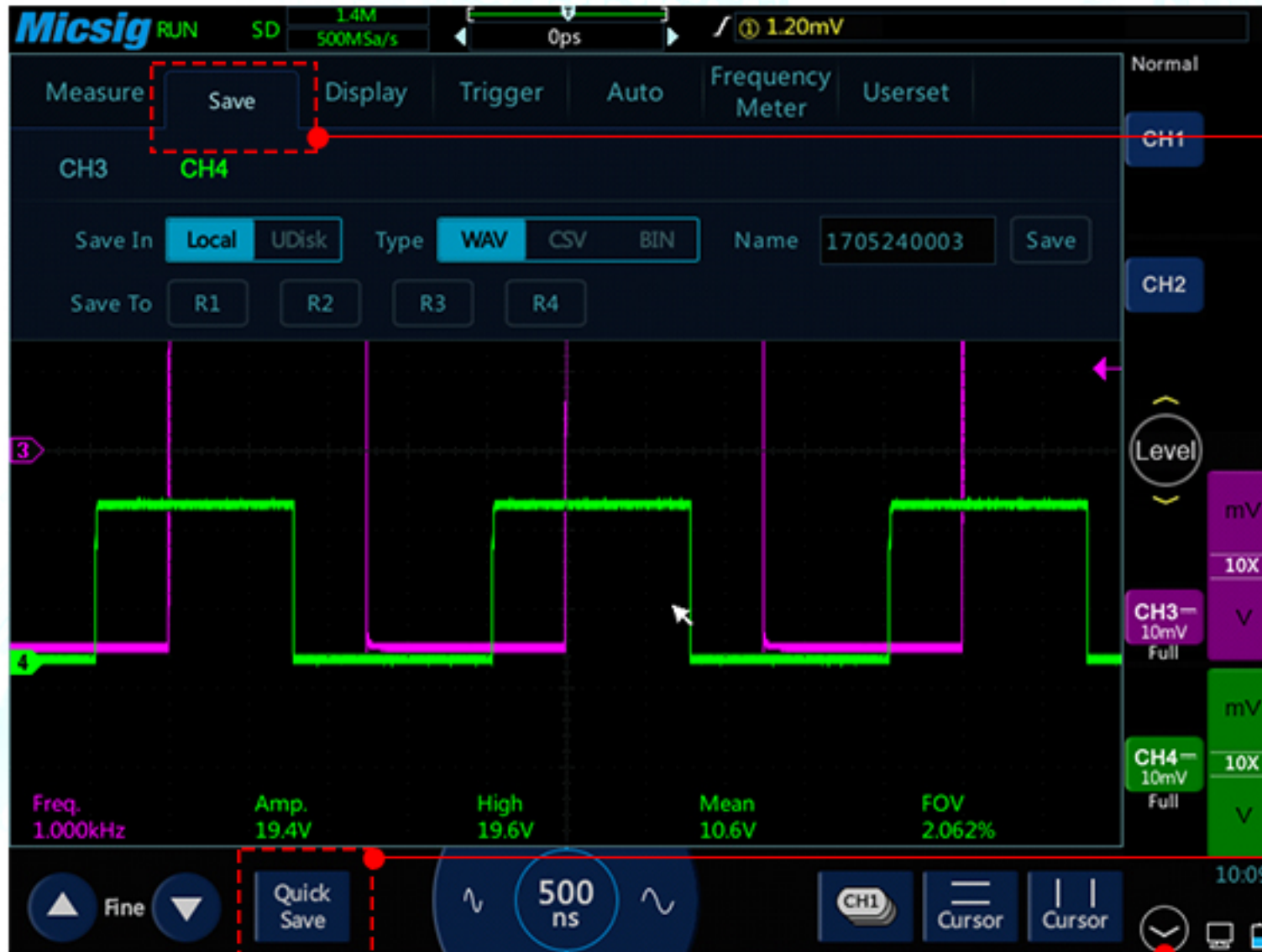
Display sliding left or right on parts can position waveform concisely. Slide the waveform left or right to quickly position it in the main display.

Turn On/Off ZOOM

Sliding upward on bottom of screen to turn on shortcut key, tap  to turn on and tap  again to turn off.

Save and View waveforms

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There are 2 methods to save waveforms:

① Save waveform through menu can set file format, save position & file name and so on.


② Tap "Quicksave" to use automatic settings and save the waveform immediately.

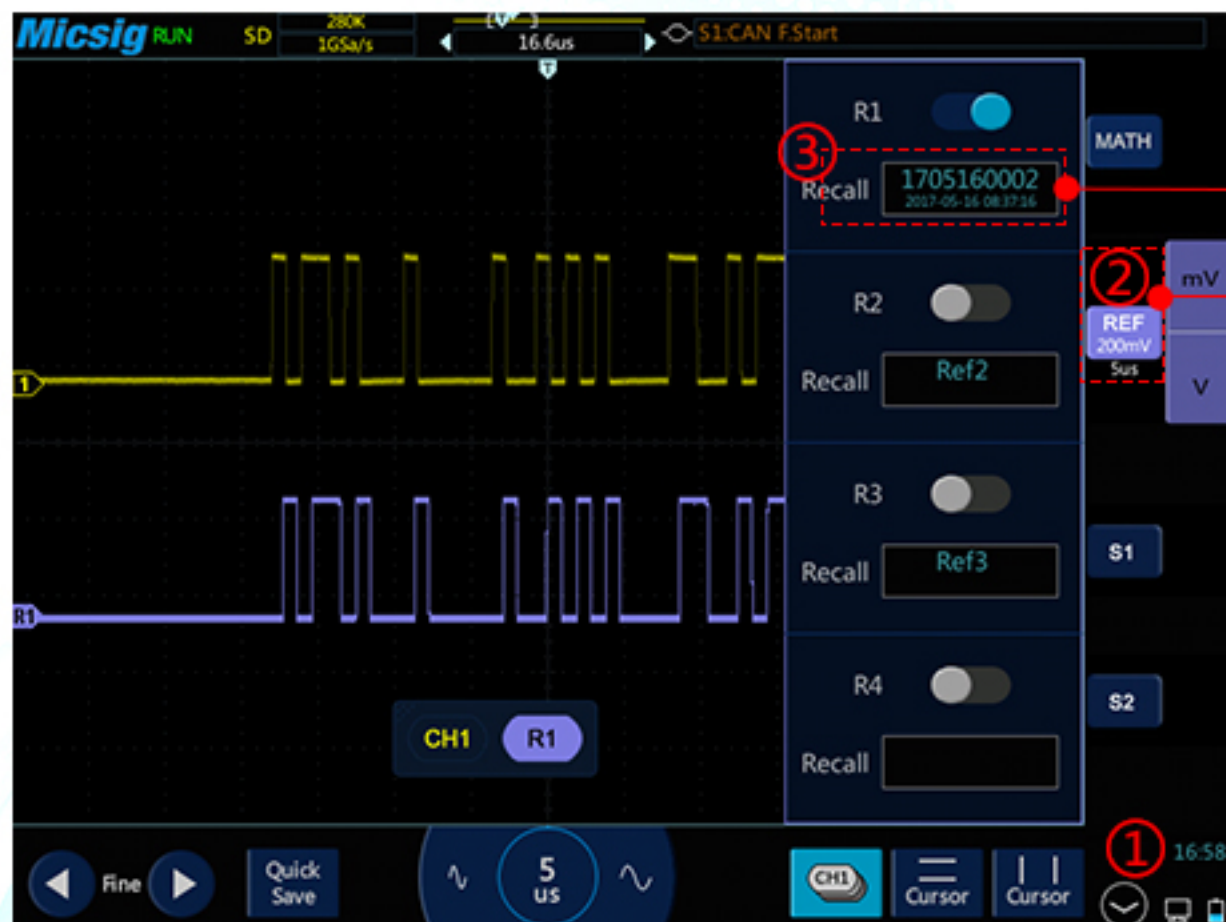
How to view waveforms:

Tap  to turn on reference channel setting menu and tap "recall" to display save list.



② Tap Math to open math channel.

① Tap  to switch to Math, Reference and bus decoding channel.

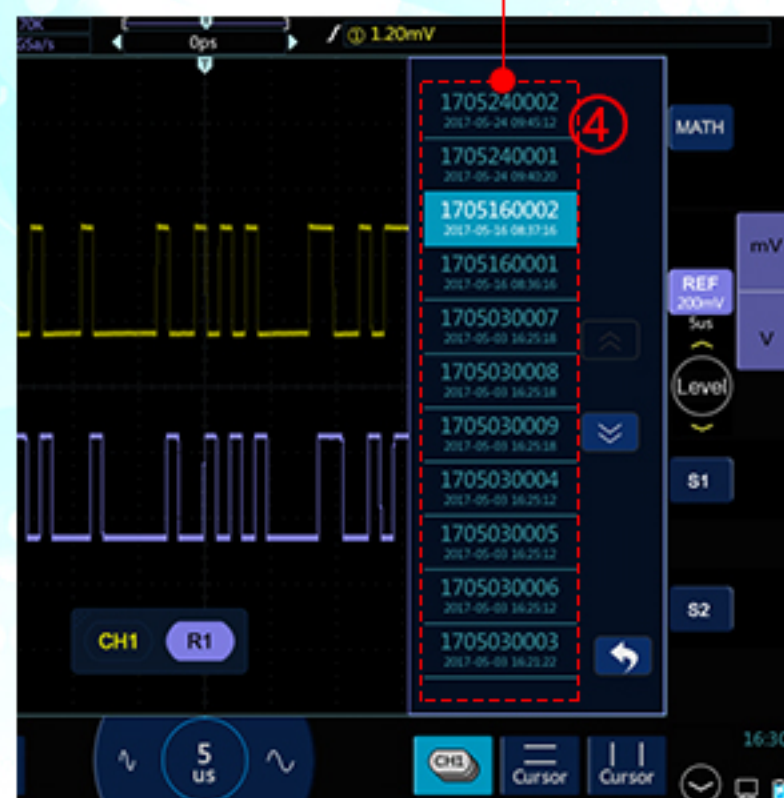


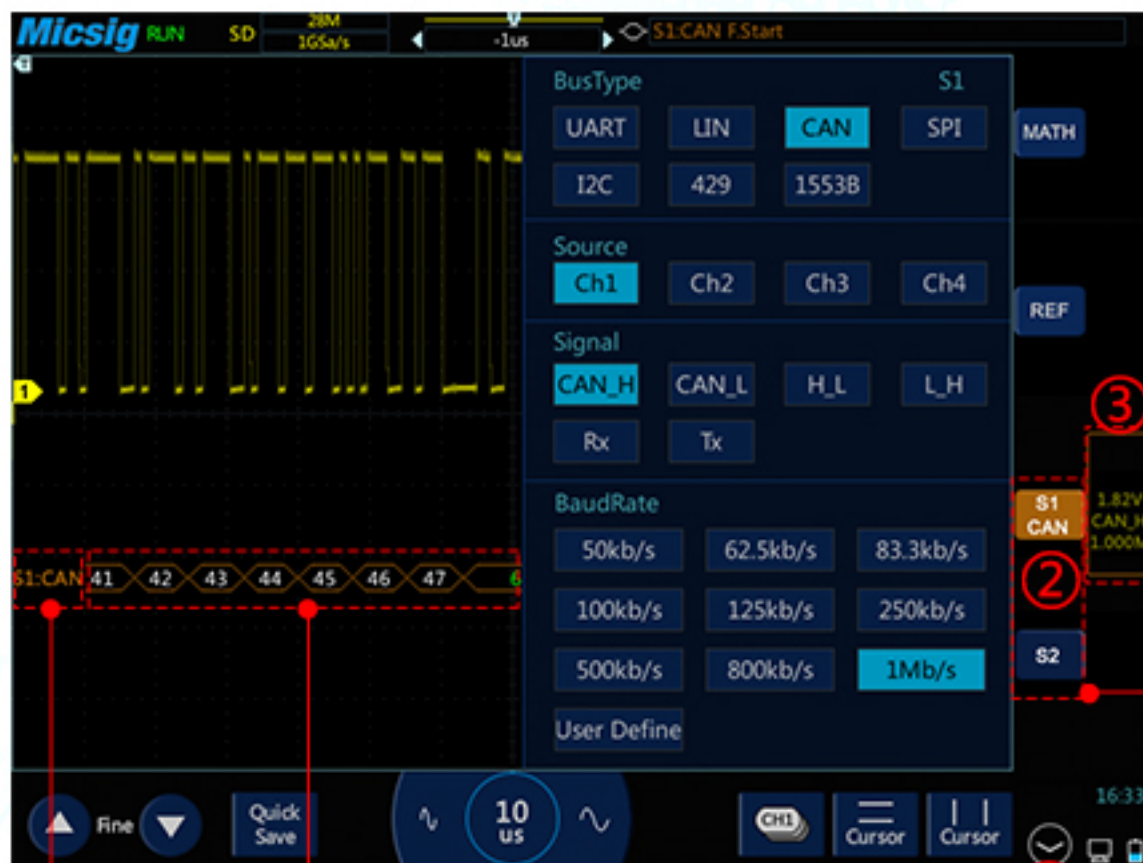
① Tap to switch to Math, Reference and bus decoding channel.

③ Tap to open Recall box.

② Tap to turn On/Off all reference channel waveforms.


④ Tap to select the corresponding waveform.





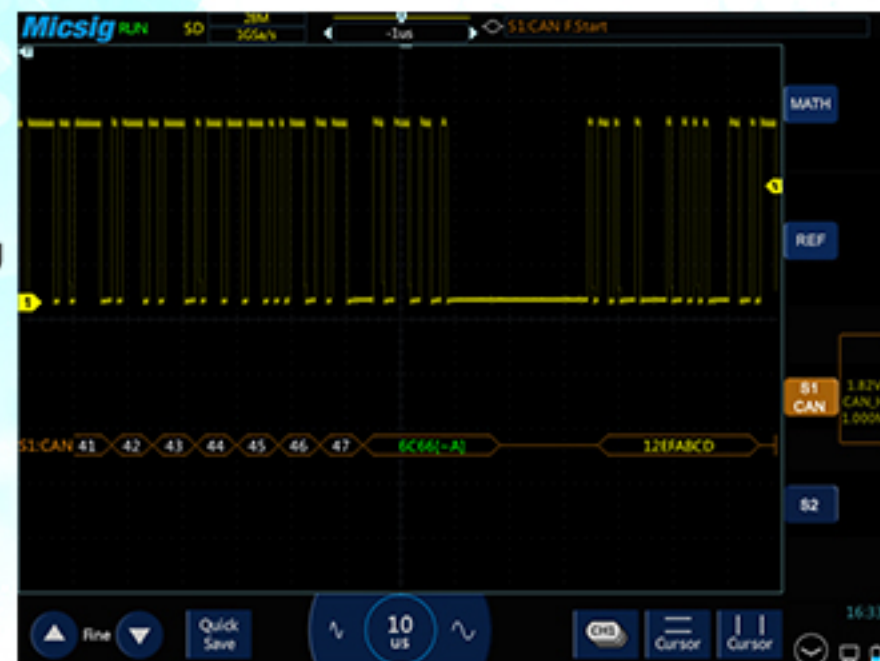
Bus channel and BusType

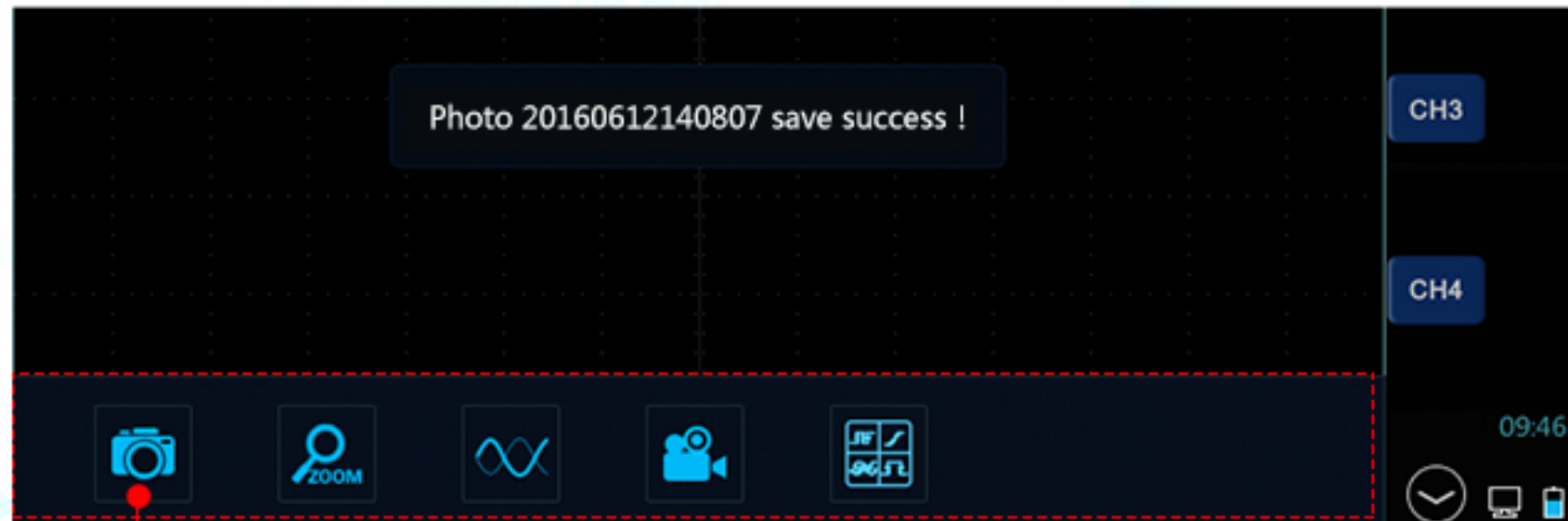
Bus Decoding


① Tap  to switch to Math, Reference and bus decoding channel.


③ Tap to open slip bar, slip up and down to adjust threshold value.

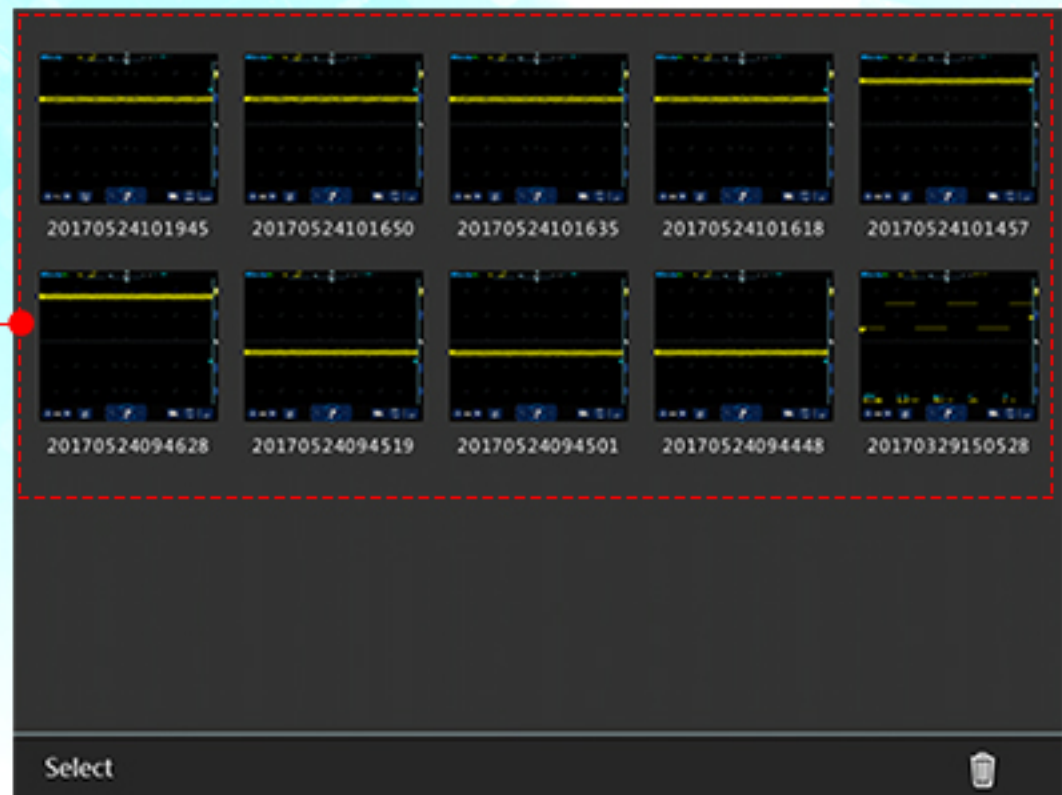
② Turn on/off bus decoding channel menu.





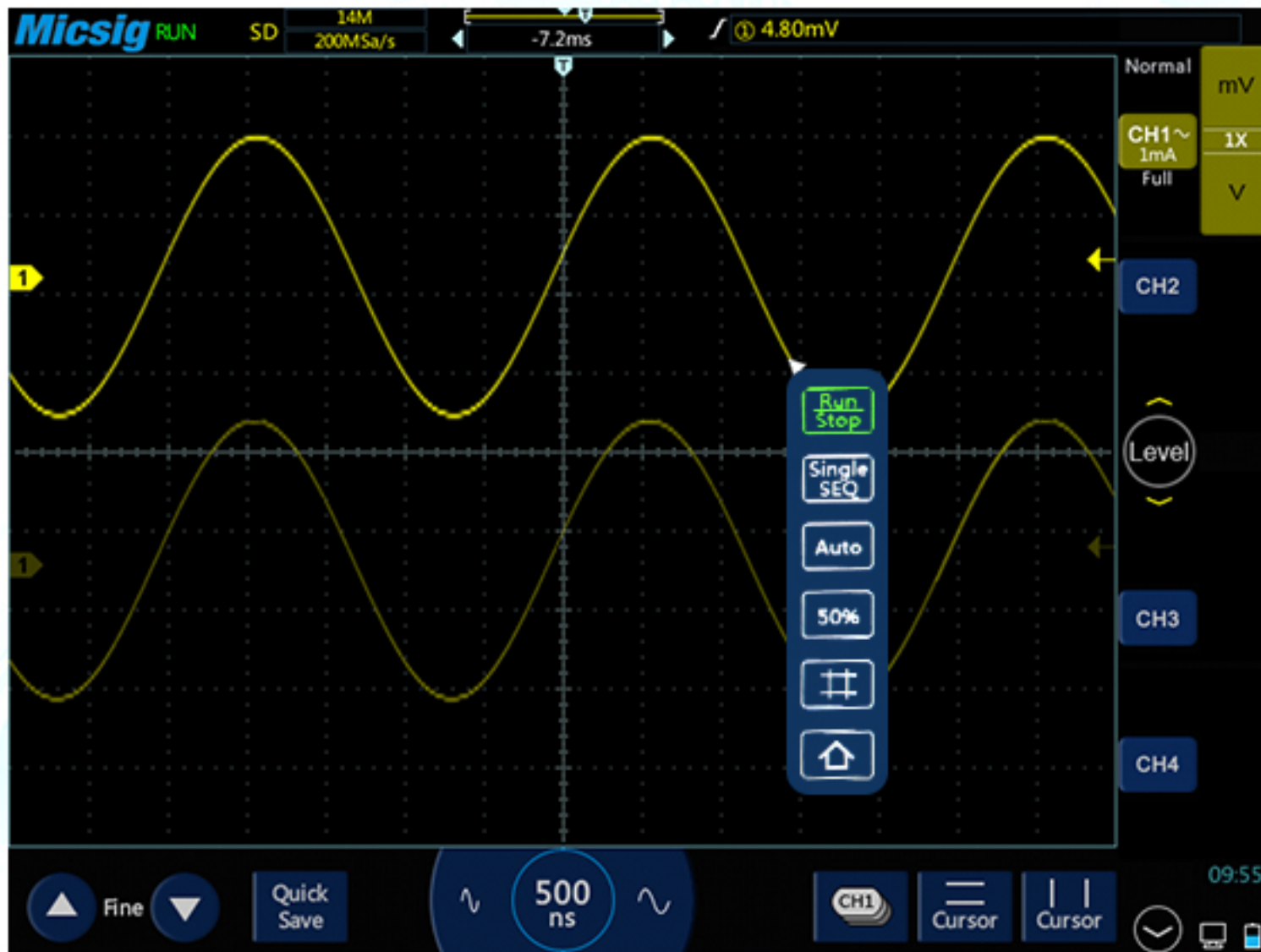
Sliding upward on bottom of screen to turn on shortcut key, tap  to capture a screenshot.

Back to home page, tap  and to view screenshots.



Mouse operation

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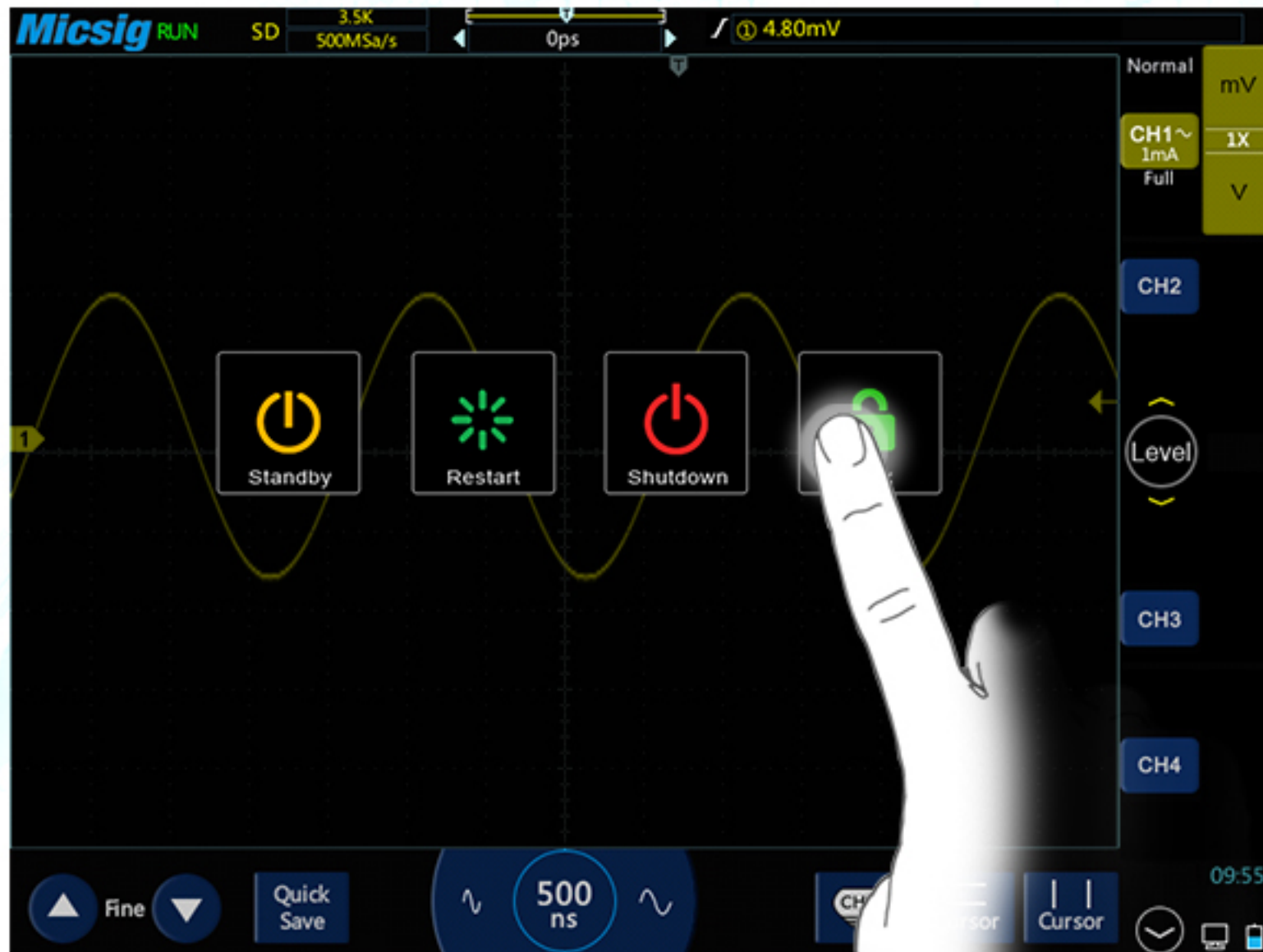







Connect the mouse to the "USB Host" port. Right click to open a menu. Left click to perform the same action as a finger tap.

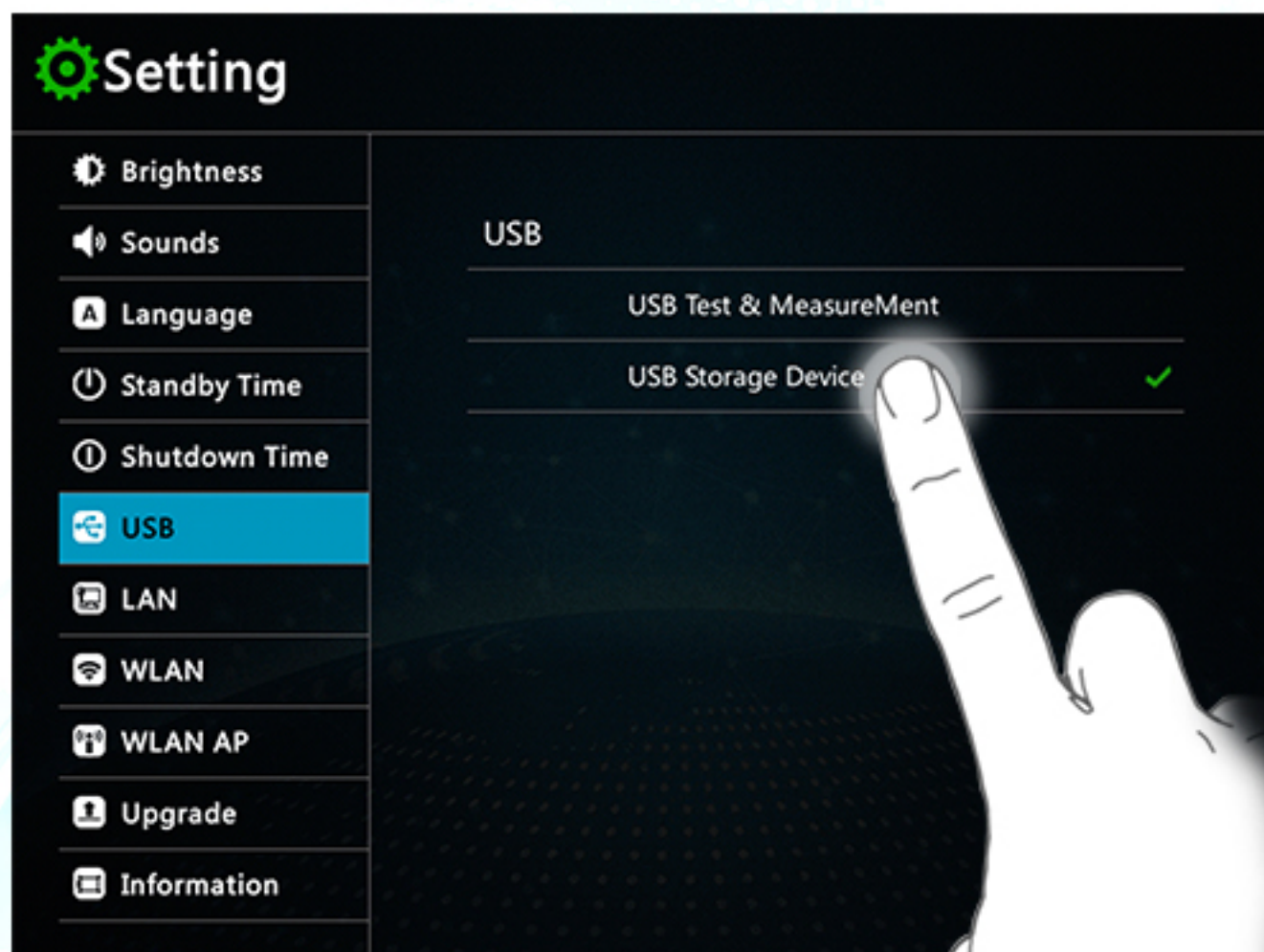
Note: Unless otherwise configured, touch operation will be disabled while a mouse is connected.

Screen lock

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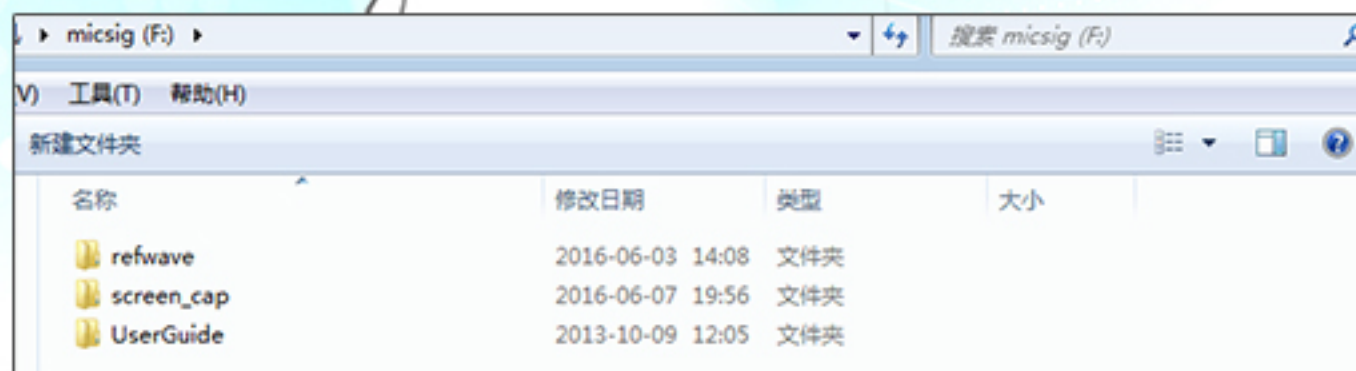


- ① Press  and tap  to lock screen,  will be shown in the right low corner after locking.
- ② Press  again and tap  to unlock screen.



- ① Tap setting on the home page to enter system setting.
- ② Select USB storage device.

③ Connect computer with USB cable to open Micsig file and can view saved waveform & screenshot.





- ① Connect probe to probe Compensation Signal Output Terminal.
- ② Using a Philips head screwdriver, turn the probe compensation adjustment screw near the BNC connector until the square wave appears to be free of distortion.