

# Keysight Technologies

## CX3300 Current Waveform Analyzer

### Quick Operation Guide

#### How to perform the FFT ( Fast Fourier Transform )



#### 1. How to apply the FFT

1-1. Click the “Analysis” icon on the Tool Palette.

1-2. Drag and drop the “Spectrum” icon on the Analysis tool palette onto the chosen area of interest on the waveform.

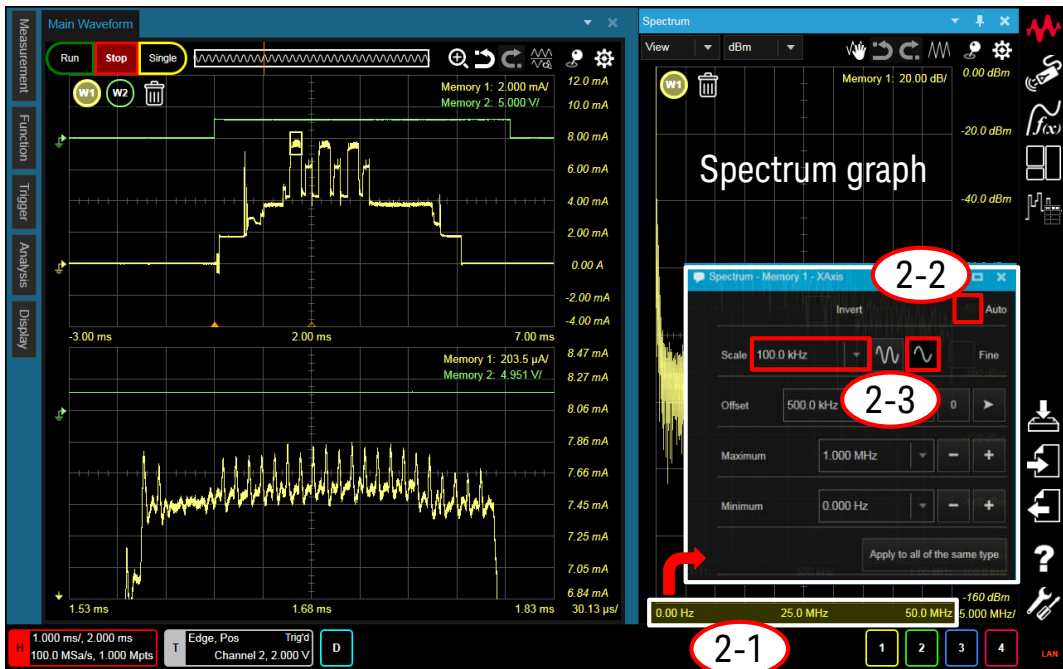


#### Note:

- If the Zoom window is displayed in the lower half, the dragged icon is always effective for the zoomed waveform.

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2. How to change the FFT settings ?
  - 2-1. Double-click anywhere on the horizontal axes in the Spectrum graph view.
  - 2-2. Un-check the “Auto” box.
  - 2-3. Click this button until the Scale is 100.0KHz.



3. How to adjust the chosen area of interest on the waveform ?

The CX3300 has two ways in which to adjust the chosen area of interest.

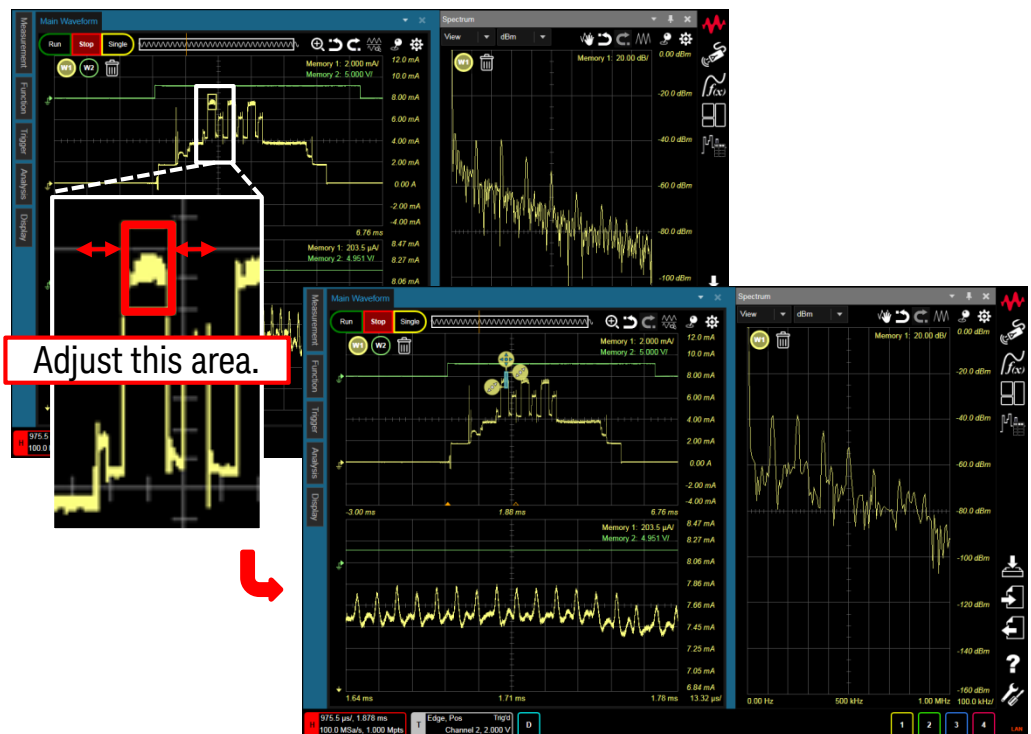
- a) Gating Function > FFT
- b) Waveform Zoom > FFT

Refer to the next page for further details.

## a) Gating Function > FFT



## b) Waveform Zoom > FFT



Note:

- The result of the FFT is changed in real time by adjusting the chosen area of interest on the waveform.