

Keysight Technologies

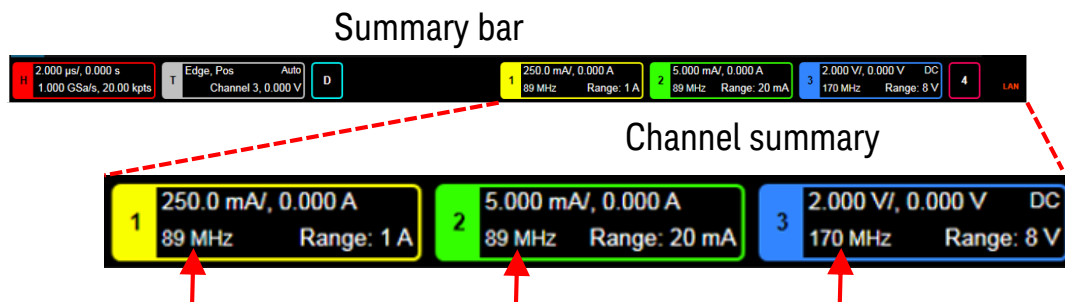
CX3300 Current Waveform Analyzer

Quick Operation Guide

What determines the effective bandwidth of the instrument?



The effective bandwidth of the instrument is determined by the following settings and displayed in each “Channel summary” on the front panel.



- Bandwidth options of the mainframe
- ADC (14-bit: High speed mode or 16-bit: High resolution mode)
For details of settings, please refer to “How to change the 14-bit or 16-bit resolution?”.
- Measurement range
For details of settings, please refer to “How to change the current range?”.
- Sampling rate
For details of settings, please refer to “How to change the sampling rate?”.
- Bandwidth Limit
For details of settings, please refer to “How to set the bandwidth limit?”.

Tips: In addition, the connection type and the DUT can limit the actual measurement bandwidth at DUT. Please refer to the application note, “7 Hints for Precise Current Measurements with the CX3300 Series Device Current Waveform Analyzer” (Literature number: 5992-2118) for more information.