

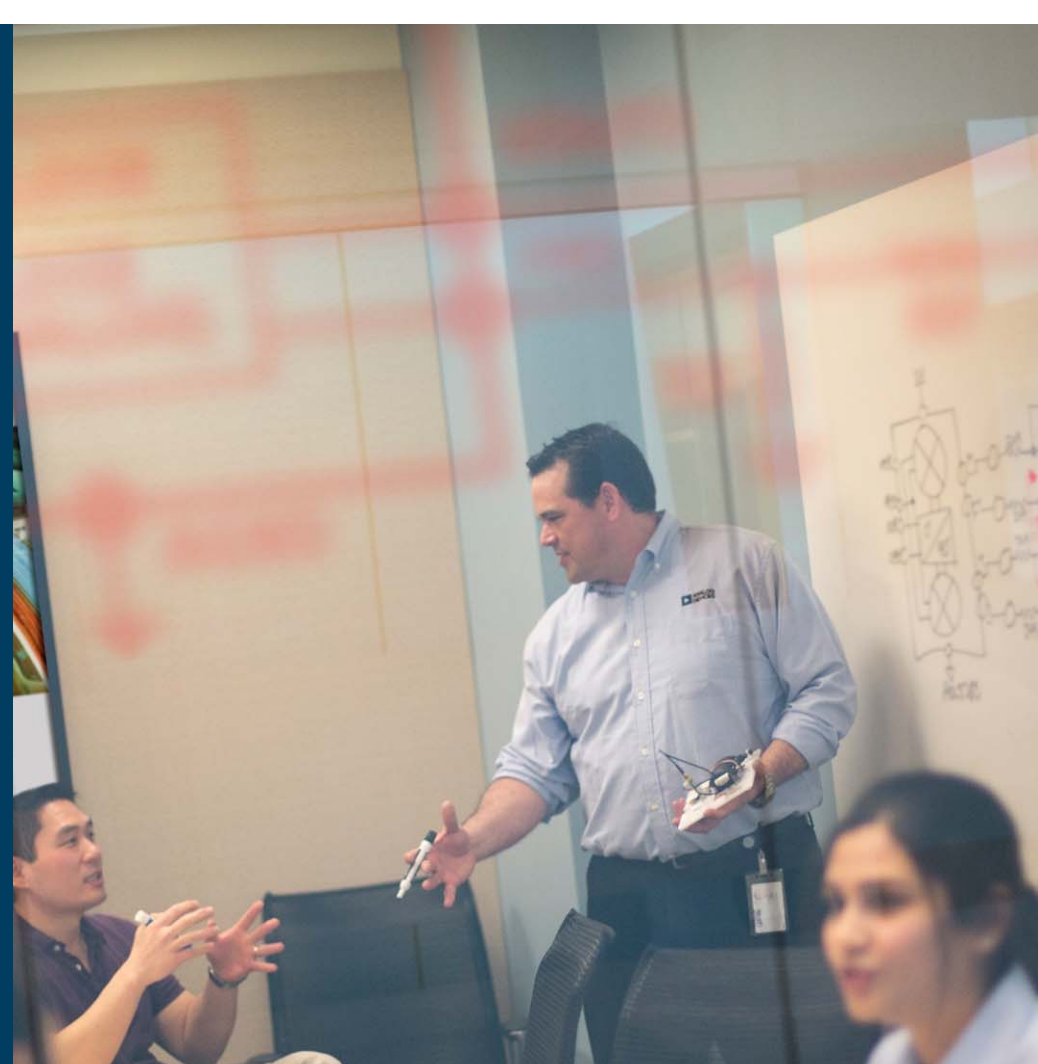


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# ADIS16448 Start-up Current Demand

NEVADAMARK

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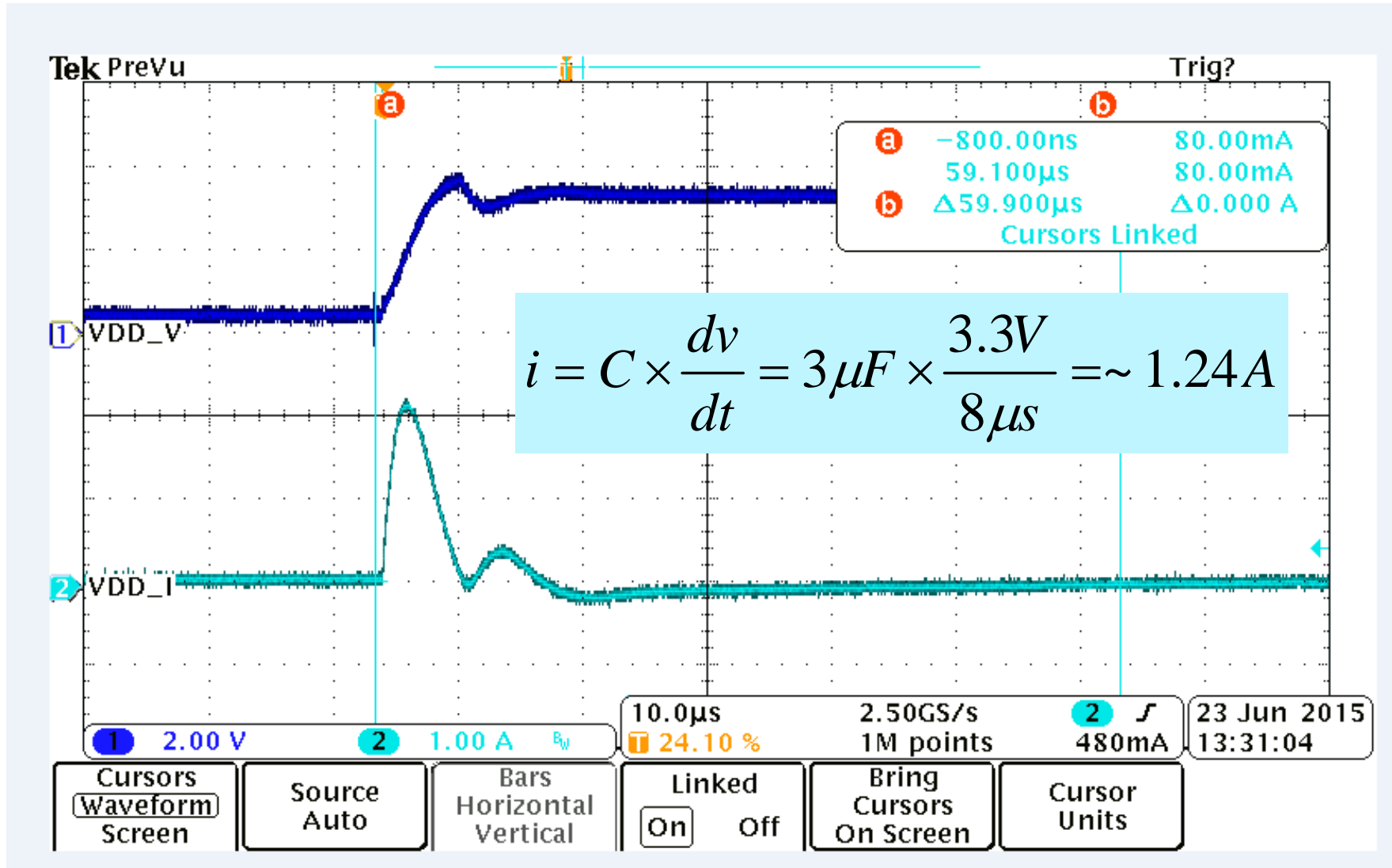
# ADIS16448 Start-up Current Demand

## Summary of Measurements

- ▶ Peak currents can come from charging integral  $3\mu\text{f}$  of capacitance.
- ▶ Peak start-up demand appears to be less than 120mA

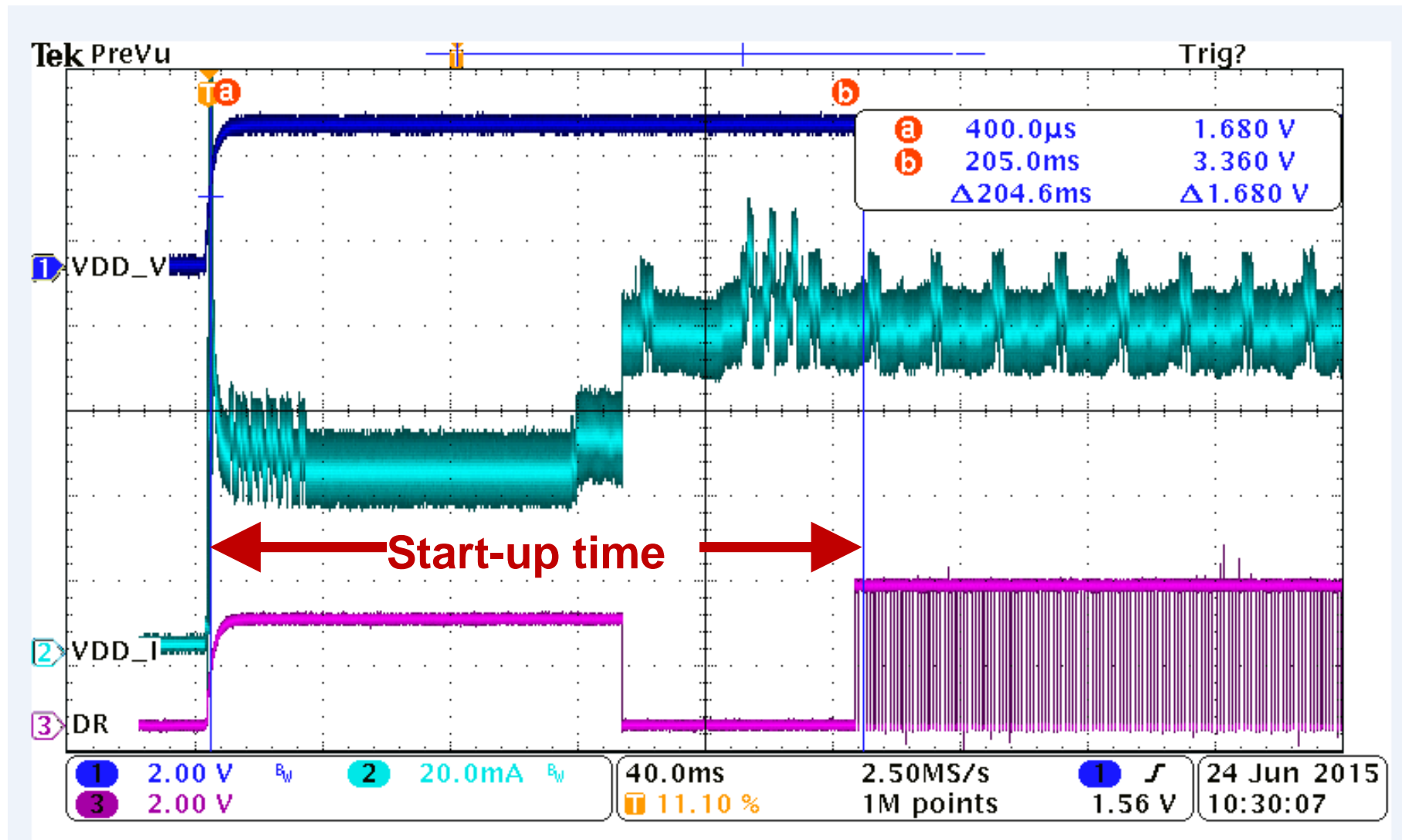
# ADIS16448 Start-up Current Demand

## Charging 3 $\mu$ F of internal capacitance across VDD/GND



# ADIS16448 Start-up Current Demand

## Observing the entire start-up process



# ADIS16448 Start-up Current Demand

## Transient peaks after normal operation

