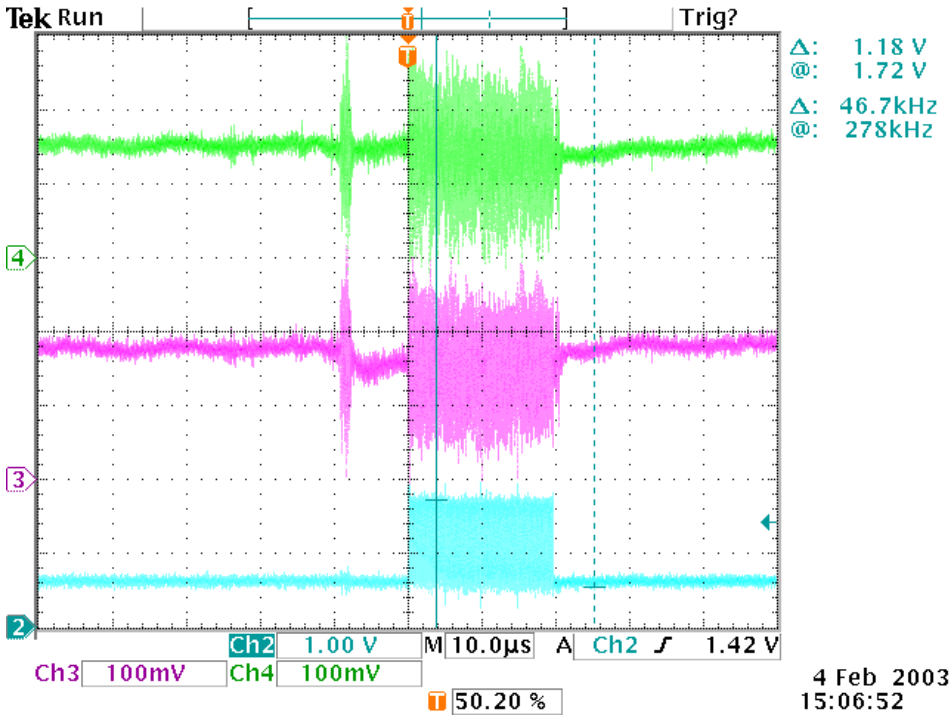
Capacitor Studies

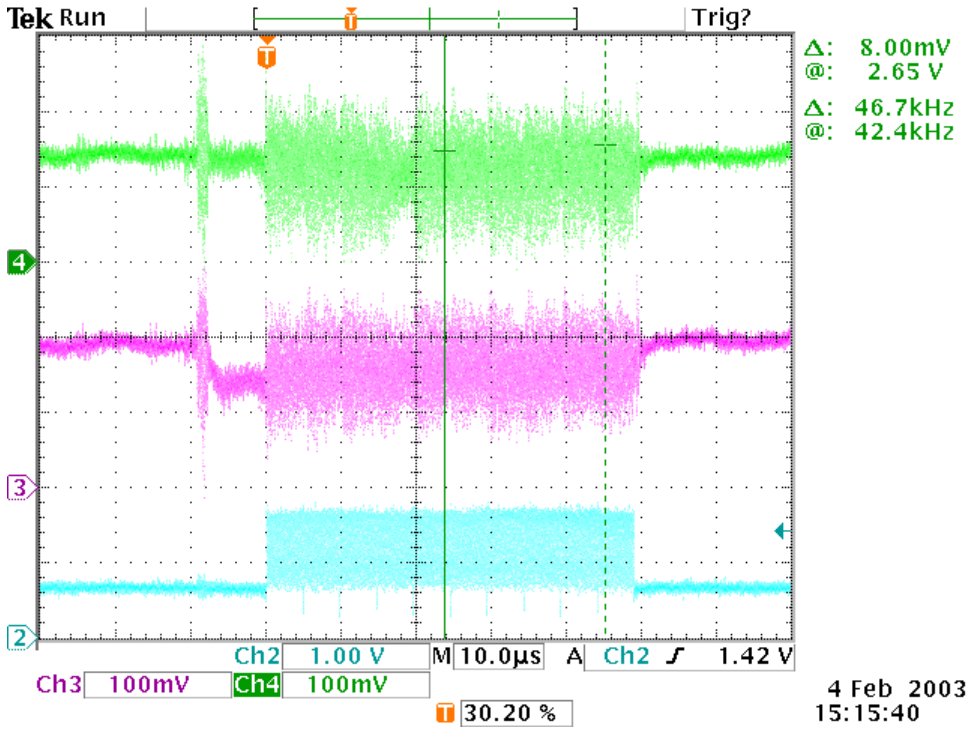
- Purpose- compare tantalum vs Ceramic capacitors at the junction card (part of voltage regulation)
- Conditions:
  - Rev 1 Adapter card
  - Rev 1 L0/L1 junction card
  - Interface board
  - Rev 1 sequencer
  - 4 chip (L1), and 10 chip hybrids; use only channel B

Russ Taylor KSU EDL 2/4/03

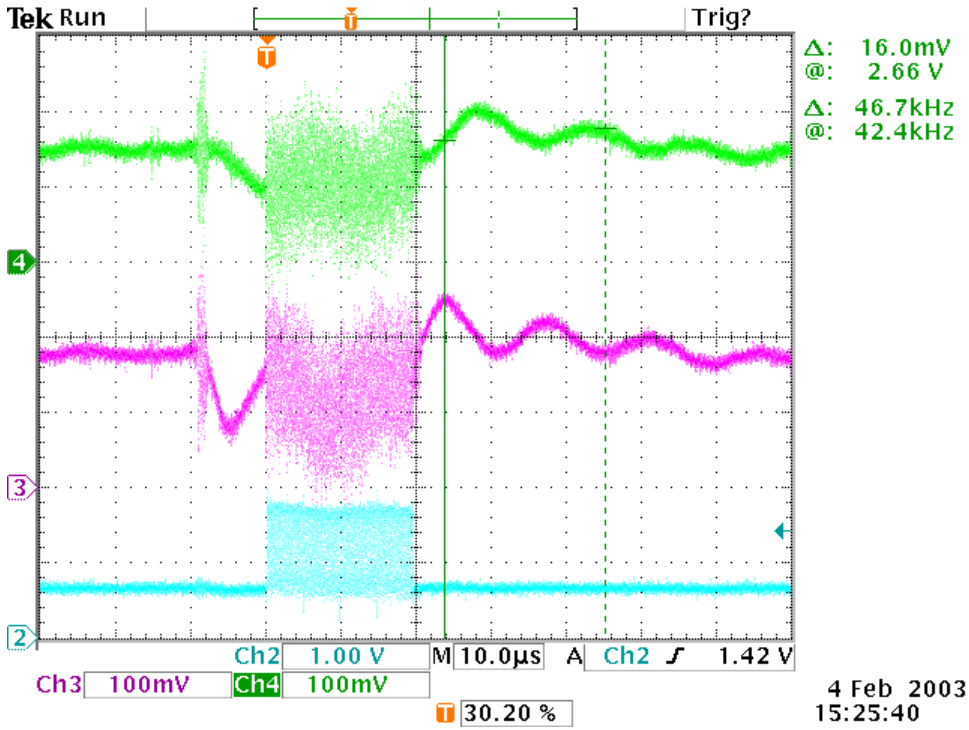
- Channel B Cal Inject
- 4 chip Hybrid
- 100 uf Tantalum at JC
- Green AVDD (2.5v Offset), Pink DVDD (2.5v Offset), Blue Dvalid.



- Channel B Cal Inject
- 10 chip Hybrid
- 100 uf Tantalum at JC
- Green AVDD (2.5v Offset), Pink DVDD (2.5v Offset), Blue Dvalid.



- Channel B Cal Inject
- 4 chip Hybrid
- No Capacitor at JC
- Green AVDD (2.5v Offset), Pink DVDD (2.5v Offset), Blue Dvalid.



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- 10 chip Hybrid
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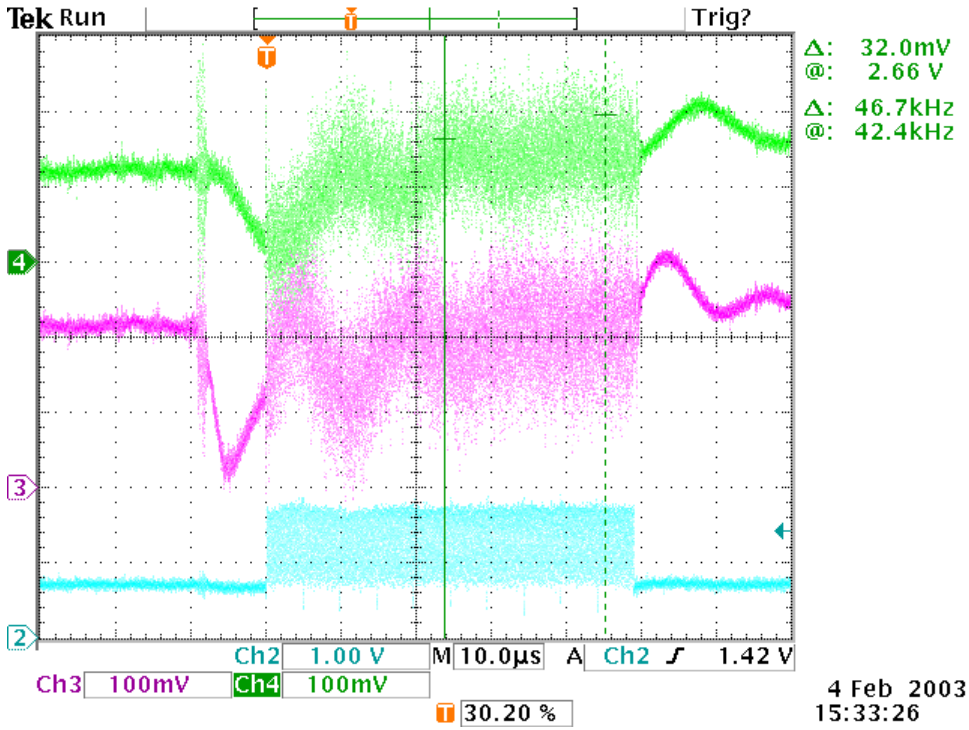
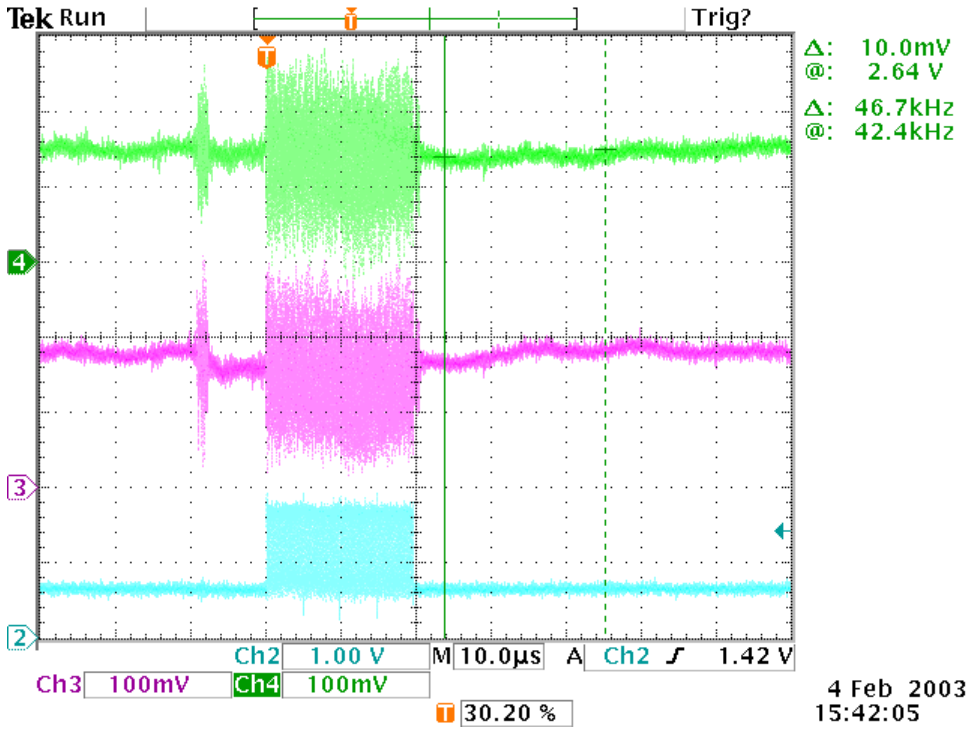
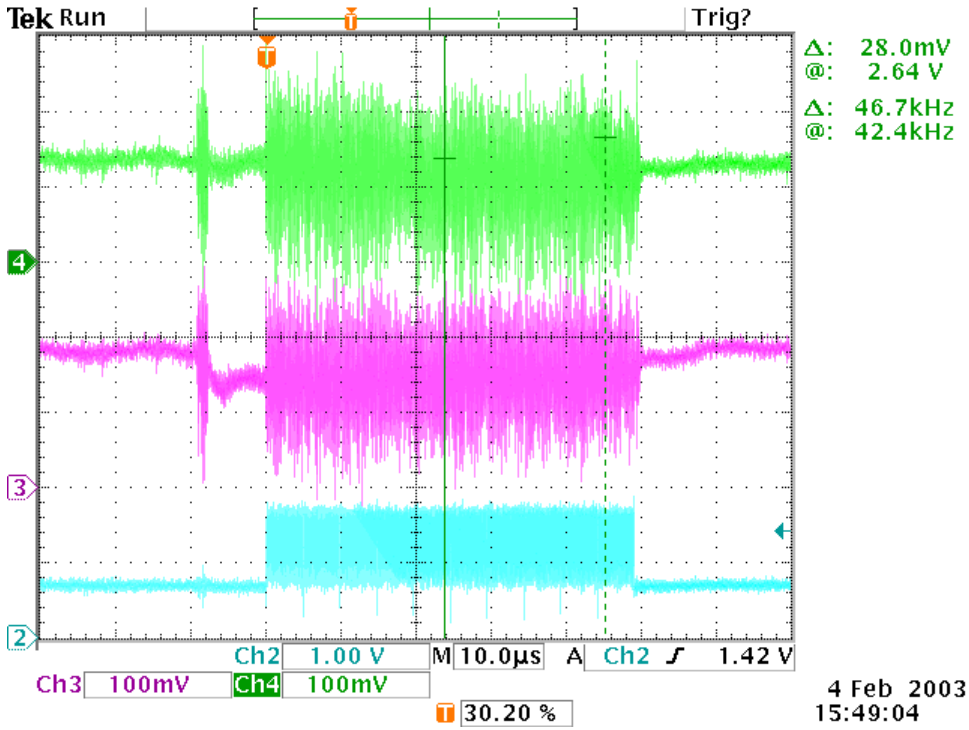


- Channel B Cal Inject
- 4 chip Hybrid
- 100uf X5R at JC
- Green AVDD (2.5v Offset), Pink DVDD (2.5v Offset), Blue Dvalid.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- 10 chip Hybrid
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