

# 07Sept04 Channel Adhoc Conference Call

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- Test Point Verification
- SDD21
- SMA Launch if there is time

# Straw Poll Scope of Work

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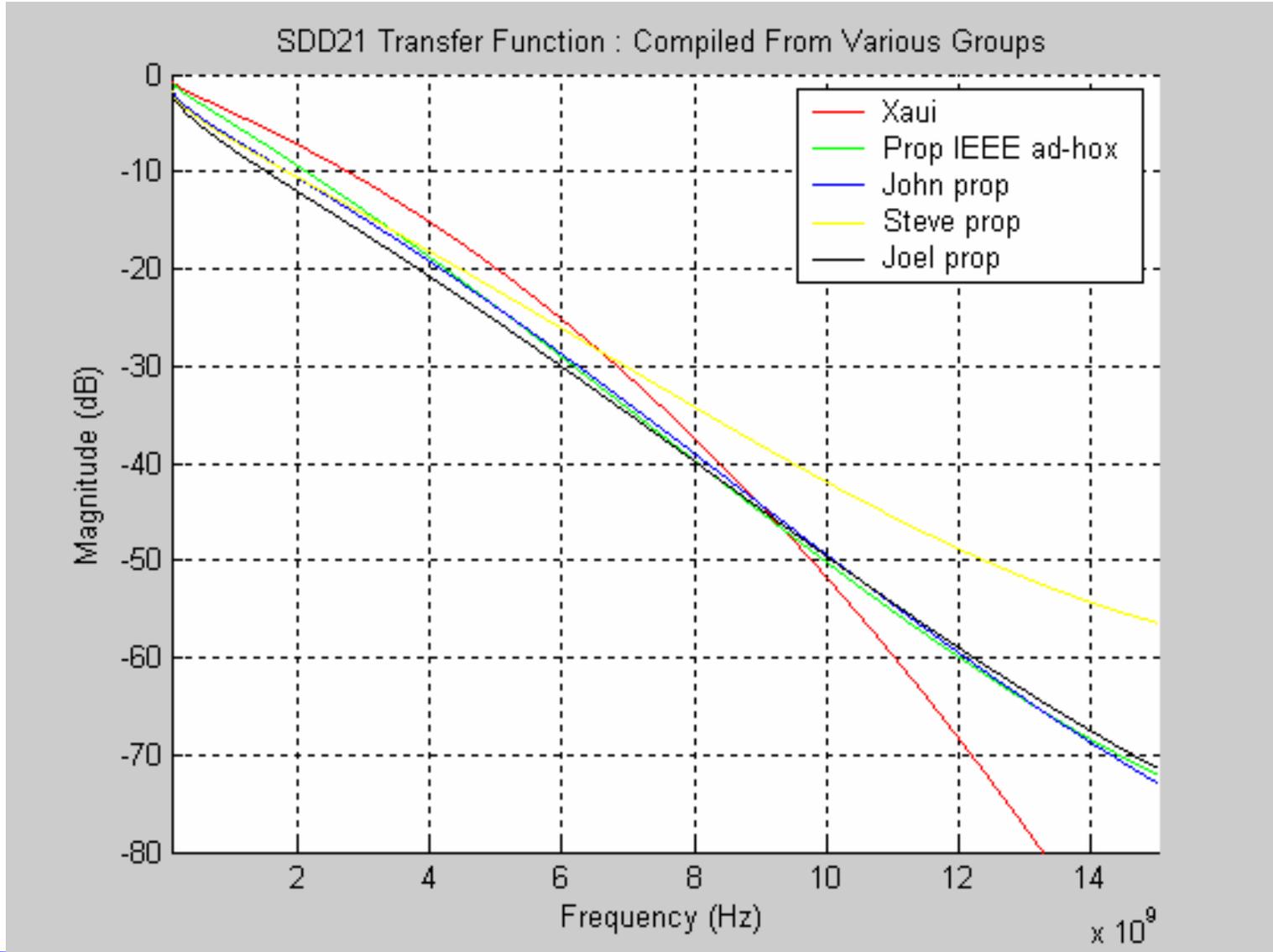
- ◆ SDD21 changes bounded to 50Mhz-6000Mhz max arc depth adjustment of 6db, the equation in goergen\_03-0704 staying intact with changes only to constants, the 6000Mhz-15000Mhz magnitude staying intact within 1dB.
- ◆ SDD11/SDD22 changes bounded to adjusting only the -12dB limit line portion to the better of 1) Data defined by the average limit of goergen\_02\_0704, mccallum\_01\_0704, peters\_01\_0704, seeman\_01\_0704, brink\_02\_0704; or 2) Correction to SMA launch pads, VIA stubs, and layer registration on goergen\_02\_0704 and mccallum\_01\_0704.
- ◆ NEXT/FEXT changes bounded to a max 6dB adjustment starting at the 50Mhz point, the equations in goergen\_03-0704 staying intact, based on correction to SMA launch pads, VIA stubs, and layer registration on goergen\_02\_0704 and mccallum\_01\_0704.
- ◆ Group Delay Variation changes bounded to a max change required to pass seeman\_01\_0504, +250ps/-450ps@10000Mhz, equations in goergen\_03-0704 to stay intact, and verified by correction to SMA launch pads, VIA stubs, and layer registration on goergen\_02\_0704 and mccallum\_01\_0704.

# SDD21 Equations

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- John's:
  - ◆  $b1 = 1.8e-5$
  - ◆  $b2 = 1.3e-10$
  - ◆  $b3 = 3.98e-20$
  - ◆  $b4 = 1.4e-30$
- Steve's:
  - ◆  $b1 = 2e-5$
  - ◆  $b2 = 1e-10$
  - ◆  $b3 = 3.2e-20$
  - ◆  $b4 = 1.38e-30$
- Joel's:
  - ◆  $b1 = 2.25e-5$
  - ◆  $b2 = 1.20e-10$
  - ◆  $b3 = 3.50e-20$
  - ◆  $b4 = 1.25e-30$

# SDD21 Changes ???



# SDD21 Changes

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- Take 100Mhz to 4.5Ghz of John's and use existing for 4.5Ghz to 15Ghz.
- Take 100Mhz to 8.2Ghz of Joel's and use existing for 8.2Ghz to 15Ghz.
- For single equation, Joel's is the closest to the excepted change limits from the July04 Plenary meeting.

# Launch

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- SMA -> Clean Pad with ground removed

