

VITESSE

06-206r0 SAS-2 iPASS™ Data Eyes vs. DeEmphasis

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SAS-2 Phy Working Group

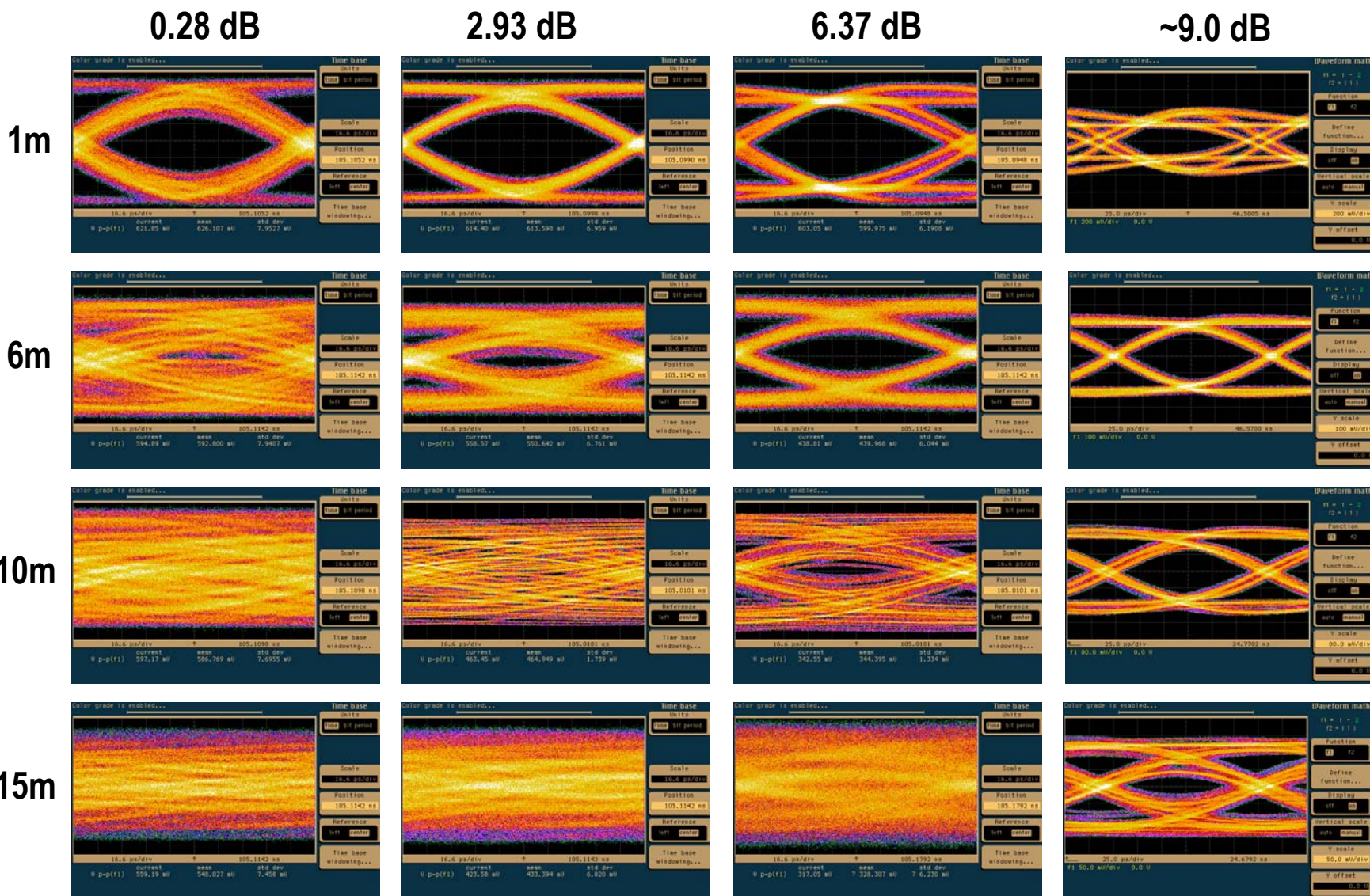
4/18/06



YOUR PARTNER FOR SUCCESS

De-emphasis vs Cable Length (IPASS)

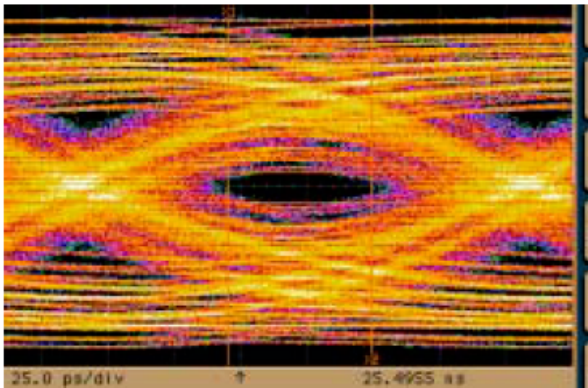
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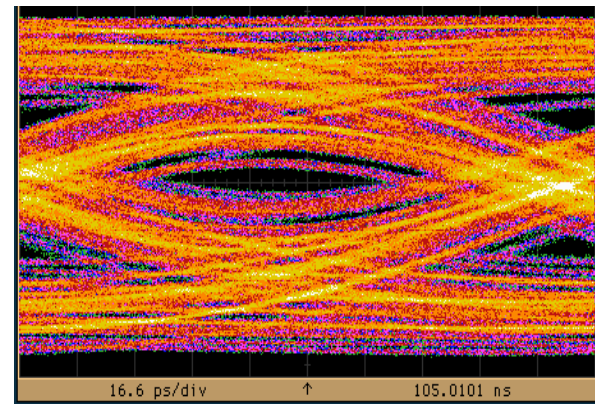
PRBS 2⁷ 1.0 V Launch (outer eye)

- Consistent with 06-104r0
- 10m iPASS 6dB De-Emphasis
PMCS Measurement

6dB Tx 1Vpp , no DFE, PRBS7



VTSS Measurement



CH 1	CH2	CH3	CH4
33mVpp	40mVpp	35mVpp	39mVpp
0.24UI	0.24UI	0.23UI	0.21UI