

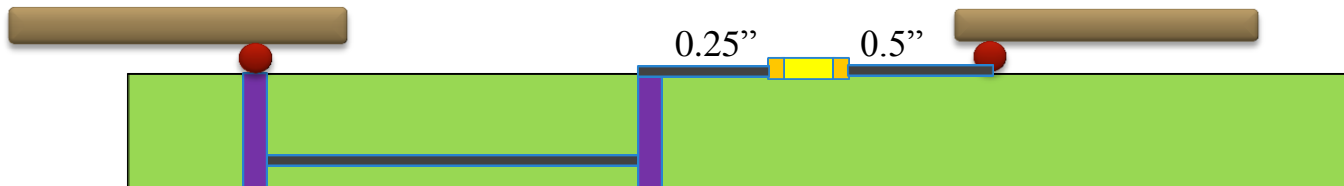
Topology Description

15dB_Meg6_LowSR_one_brd_chip2chip
14.53 dB loss @ 12.9 GHz

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09/19/2013

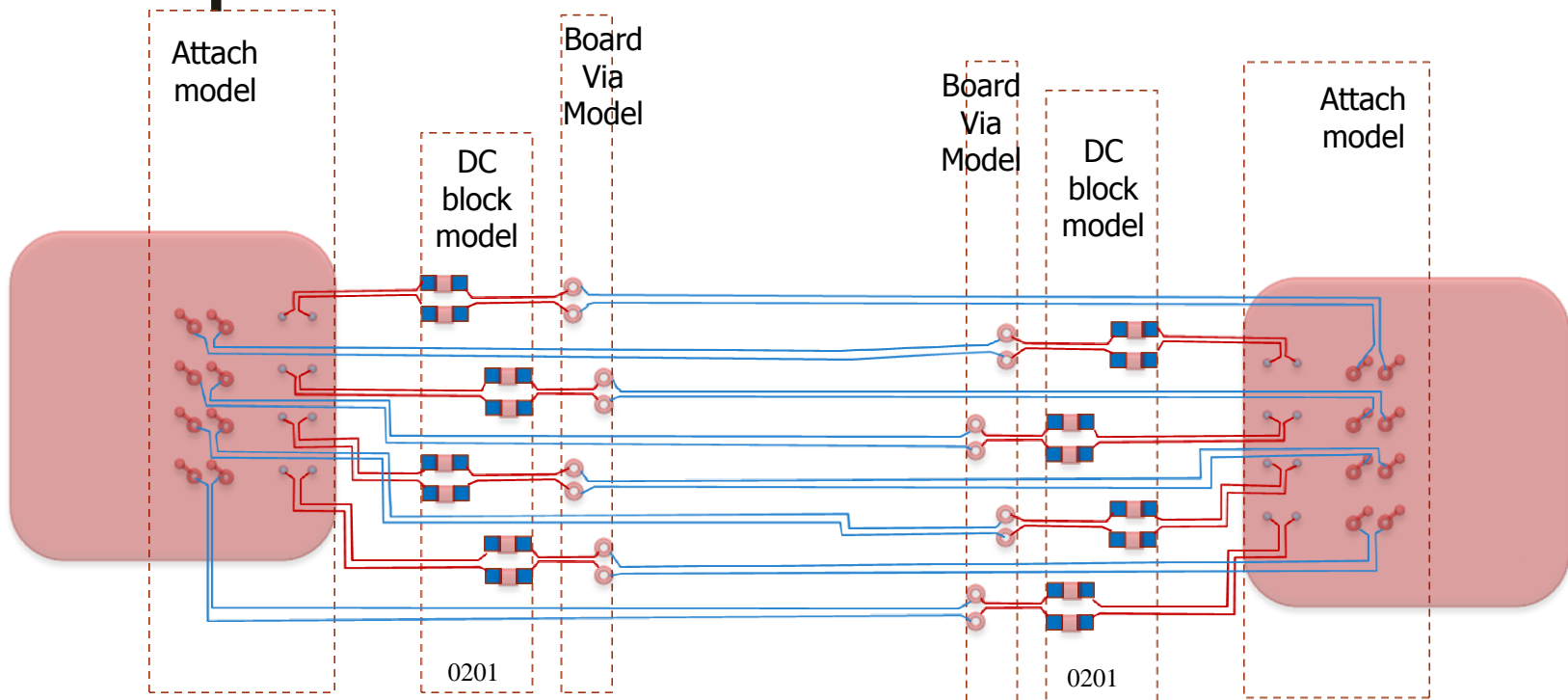
CAUI-4 Single Board Topology

Meg6_LowSR_Narrow μ s @ 12.GHz
92 ohm



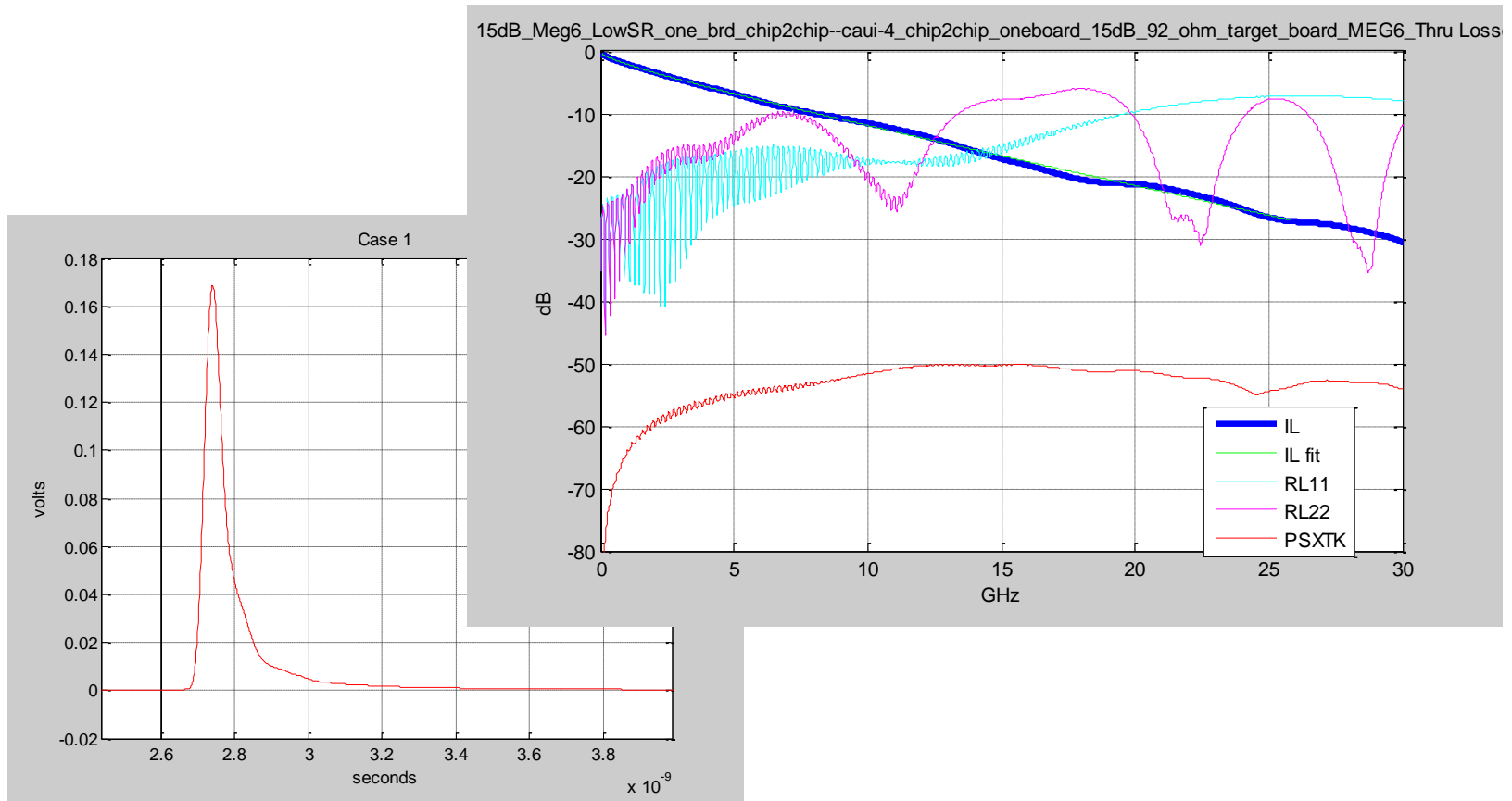
12" Meg6_LowSR_Narrow ~ 1dB/in @ 12.GHz
92 ohm

Simple CAUI-4 Board design for Chip to Chip



Board Material	Total Length	Loss at 12.9GHz
Meg6_LowSR_Narrow	12.75"	14.5dB

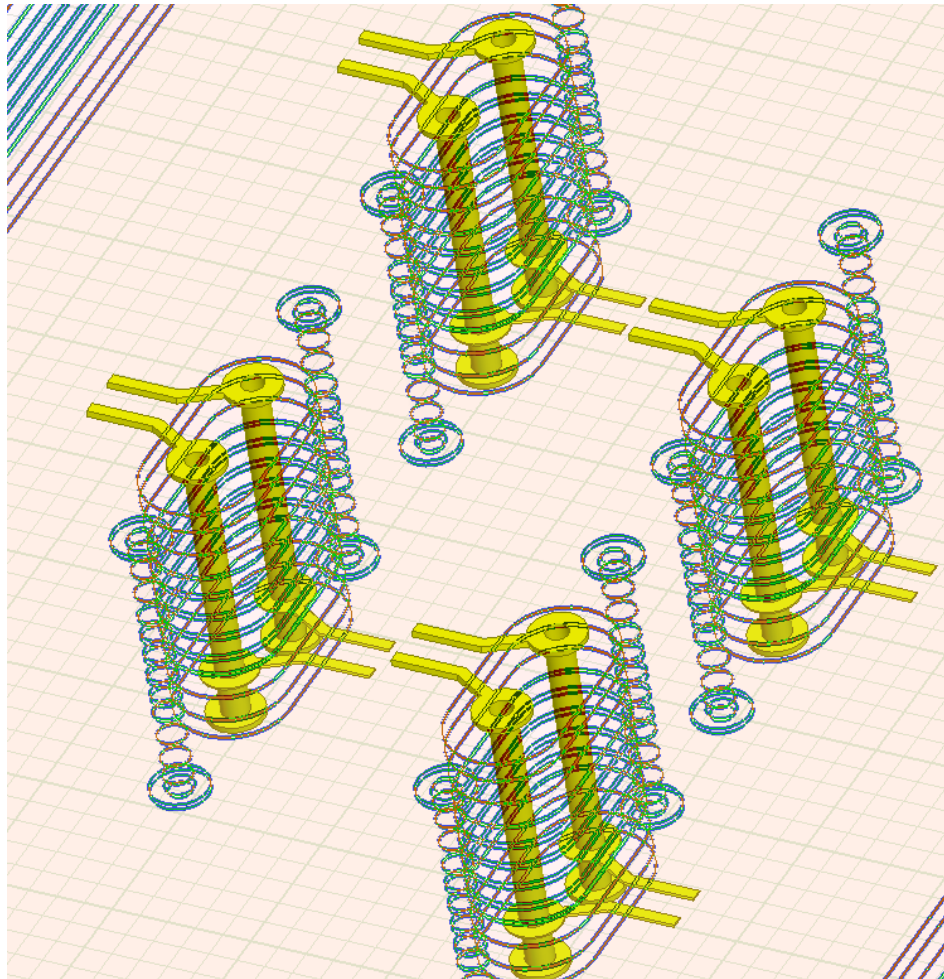
Differential IL and RL Responses and SBR



4th order Bessel Thomson Rx filter applied

IEEE802.3bm Task Force CAUI-4 Ad Hoc

Stubbed Via Model - 12 layer stack up 15 mil stub



BGA Attach Model

