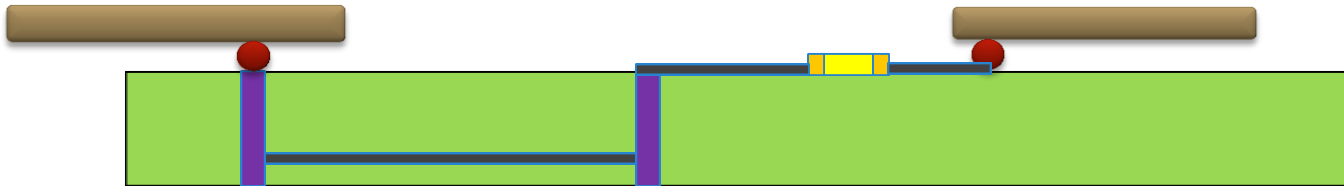


Topology Description

caui-4_chip2chip_oneboard_meg6_long_20dB_92_ohm_target_board
20.0dB loss @ 12.9 GHz

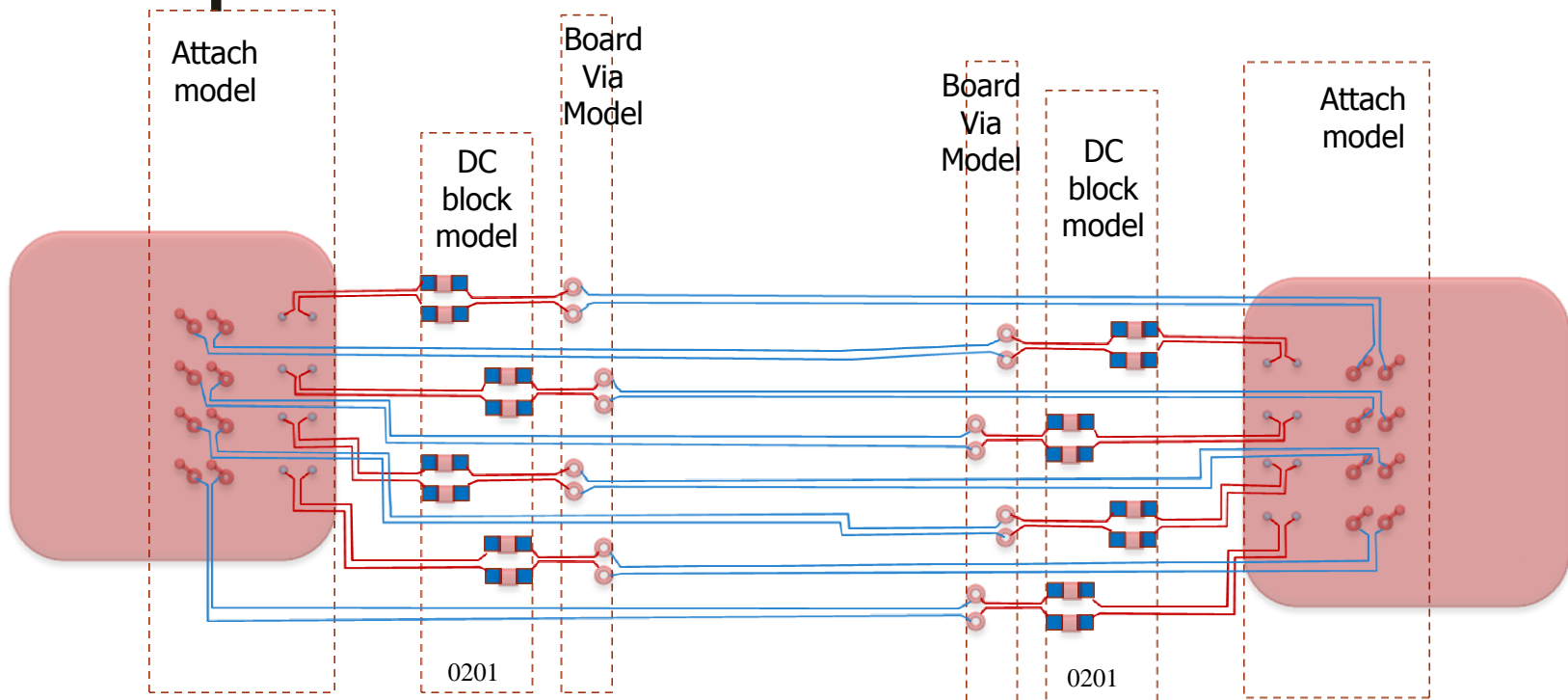
Richard Mellitz
Intel Corporation
09/19/2013

CAUI-4 Single Board Topology



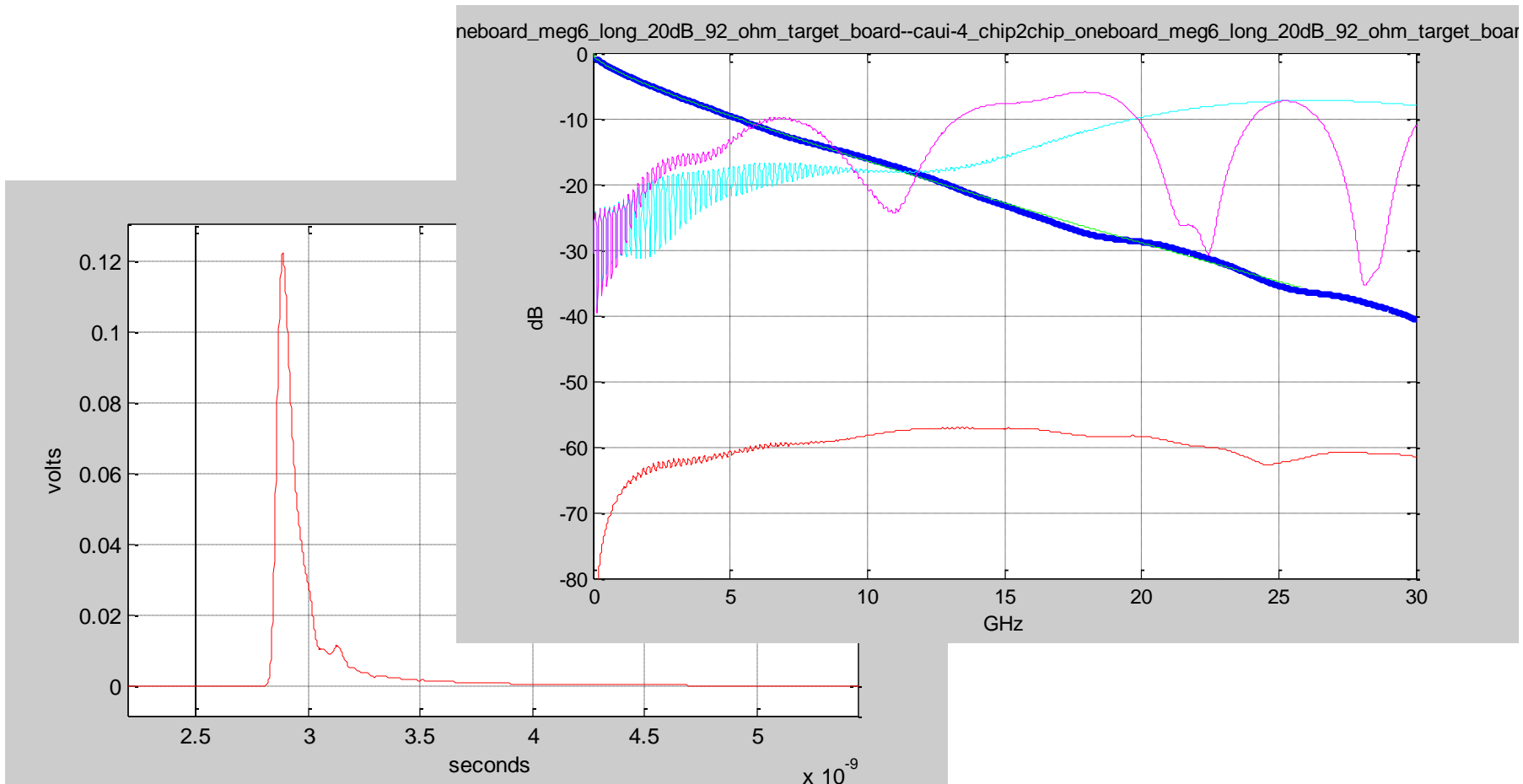
17" Meg6_LowSR_Narrow ~ 1dB/in @ 12.GHz
92 ohm

Simple CAUI-4 Board design for Chip to Chip



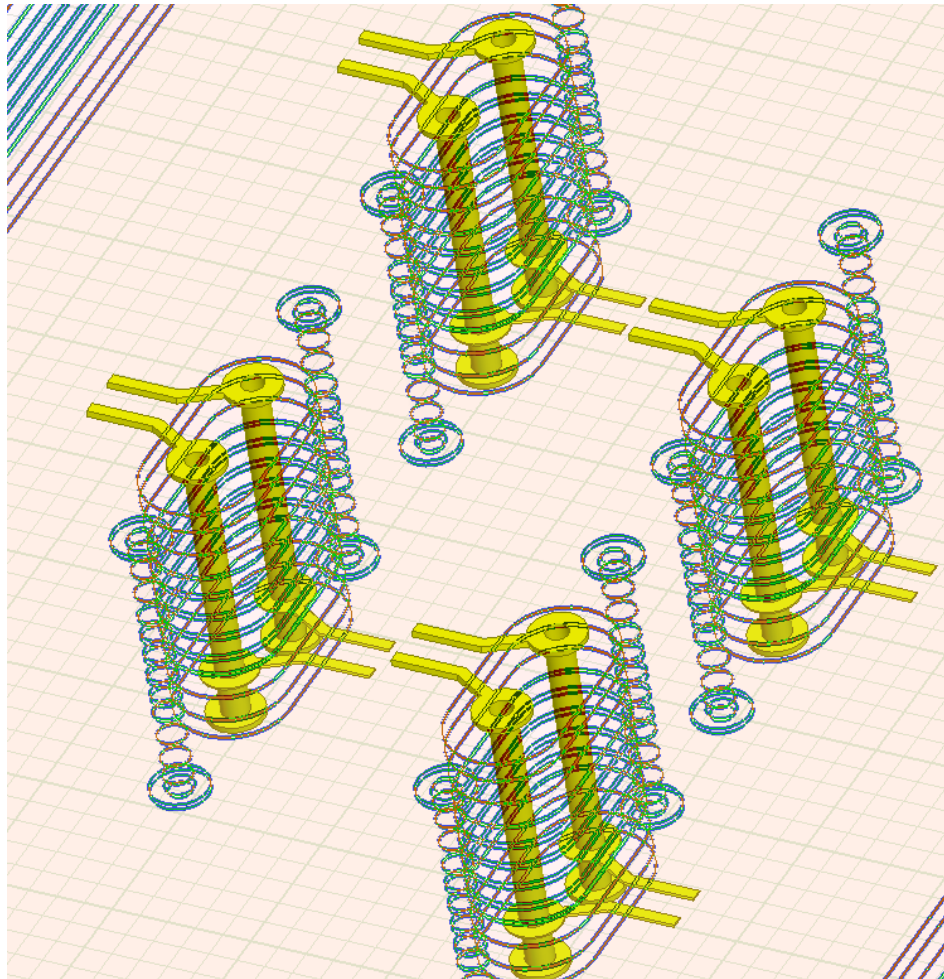
Board Material	Total Length	Loss at 12.9GHz
Meg6_LowSR_Narrow	17.75"	20.01dB

Differential IL and RL Responses and SBR



4th order Bessel Thomson Rx filter applied

Stubbed Via Model - 12 layer stack up 15 mil stub



BGA Attach Model

