

Impact of overmold on C(V) performance

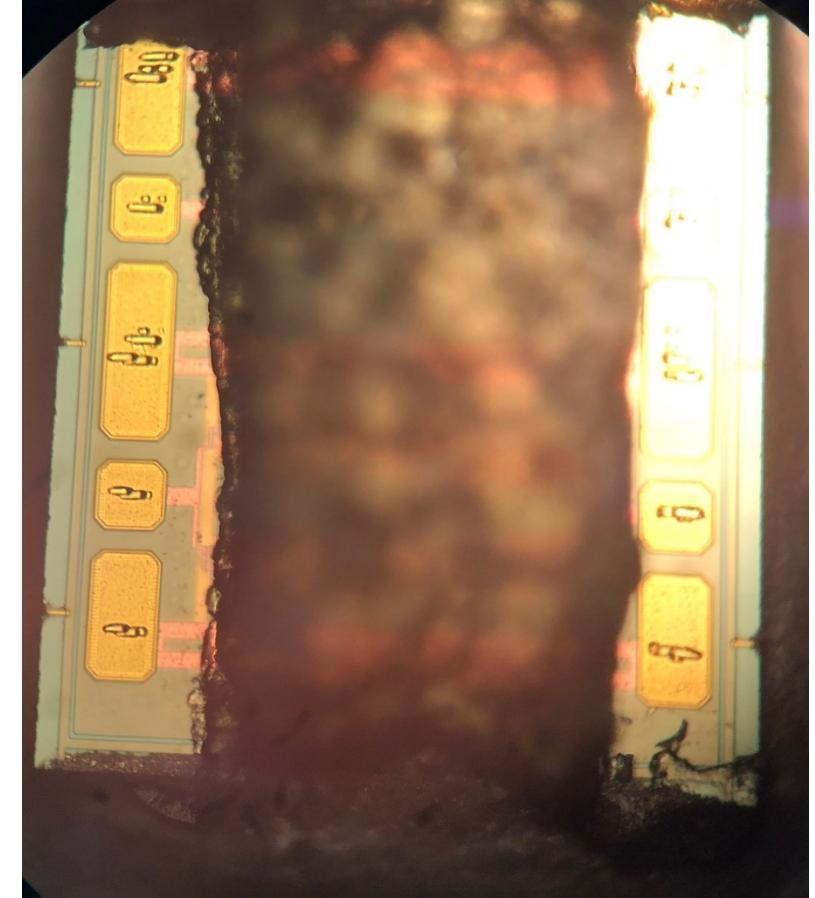
Tim Canning, Christian Eckl, Guillermo Rafael-Valdivia

restricted

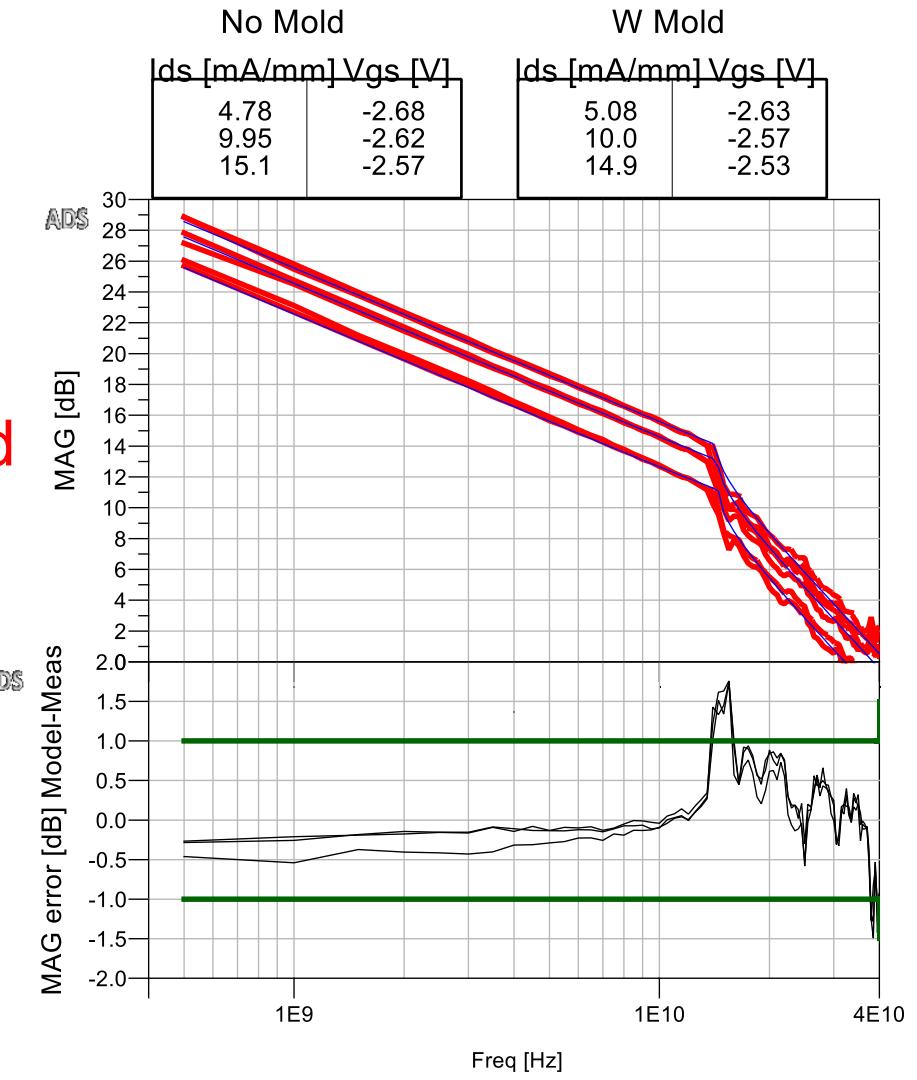
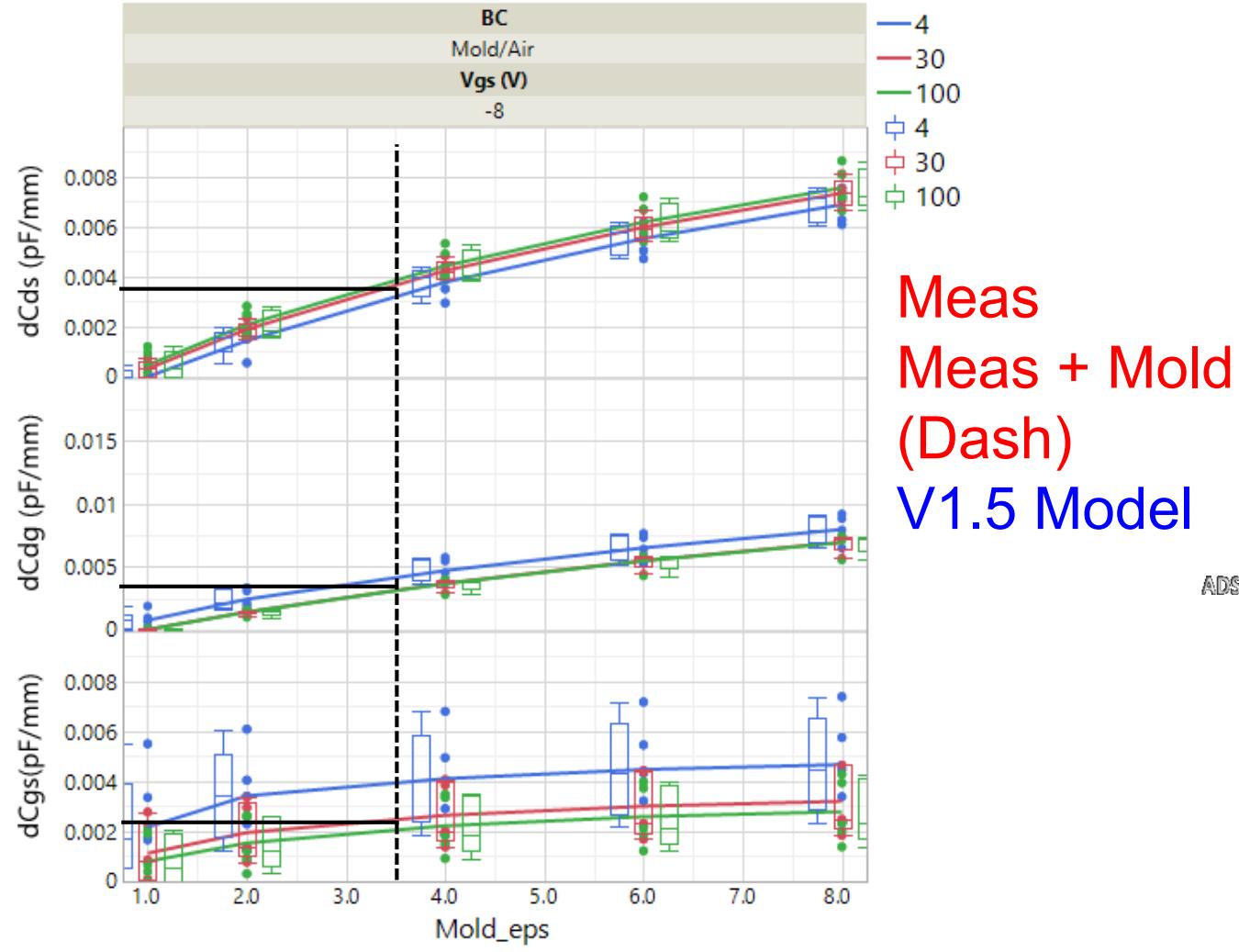


RC35 device with Mold impact assessment

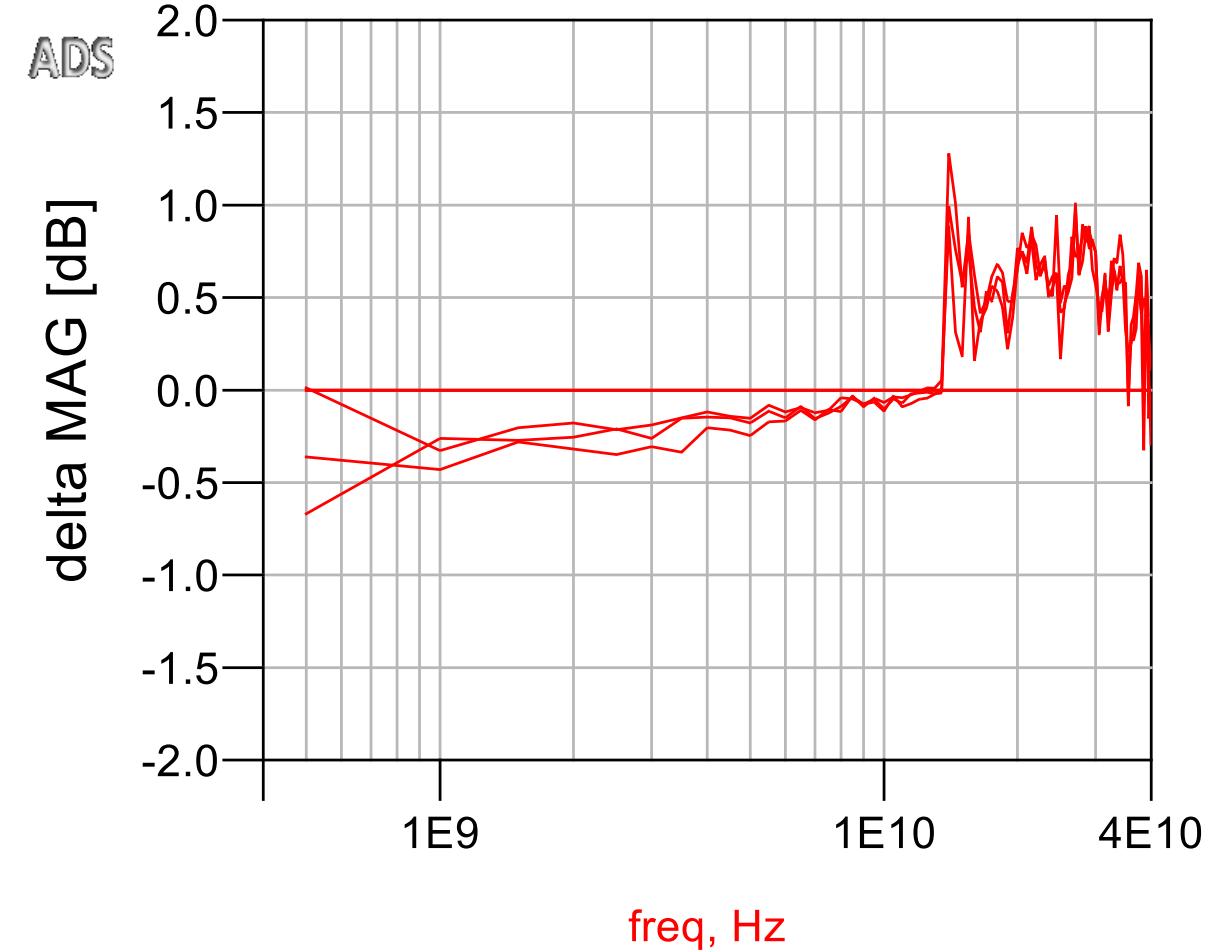
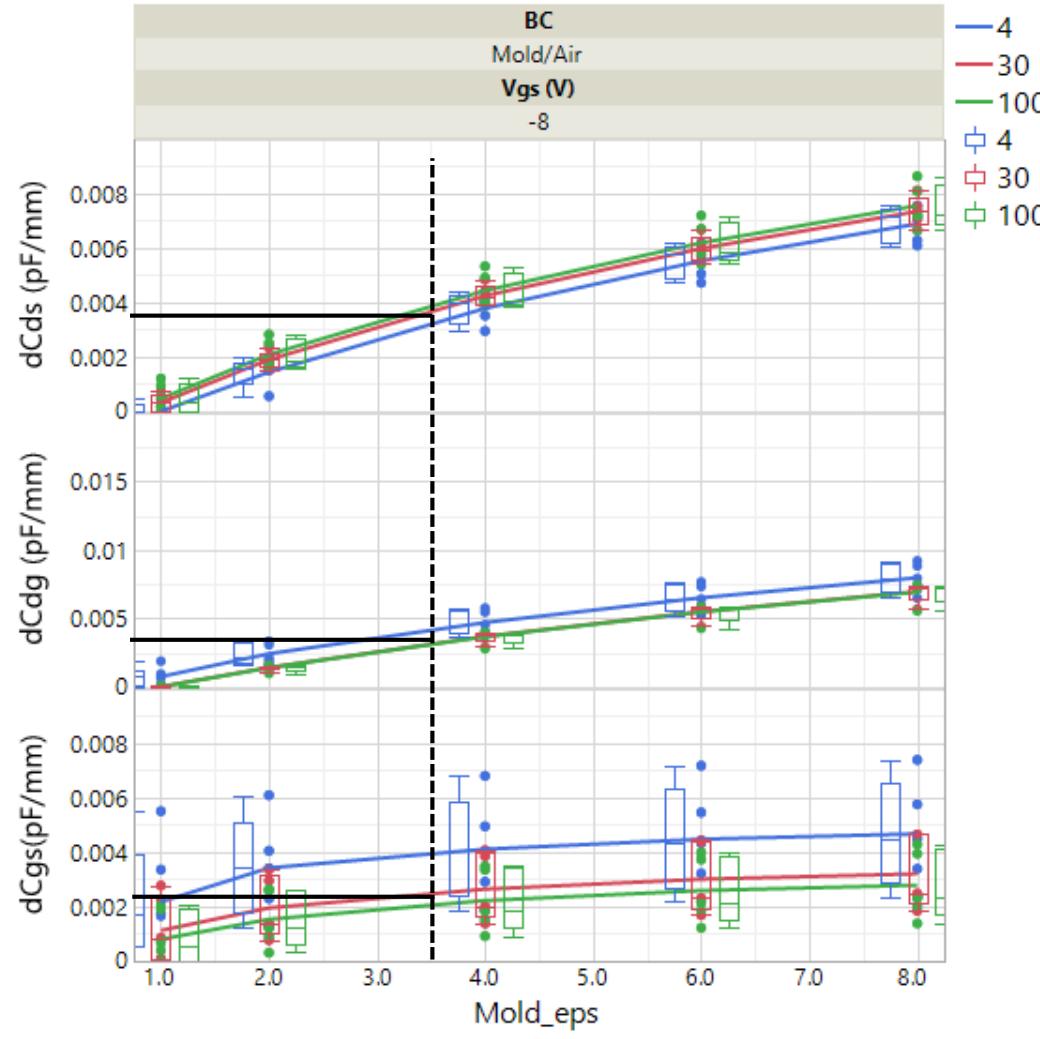
- devices used for v1.5 model extraction. Measured before and after adding mold
- Mold compound used is ...



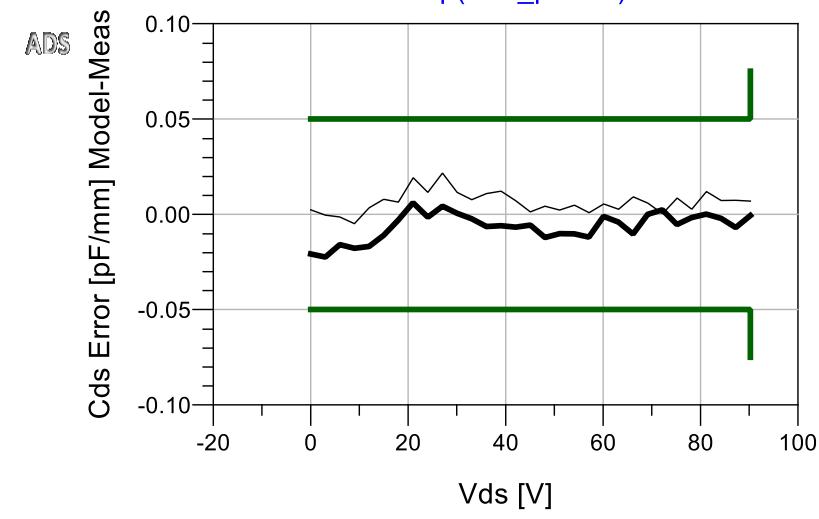
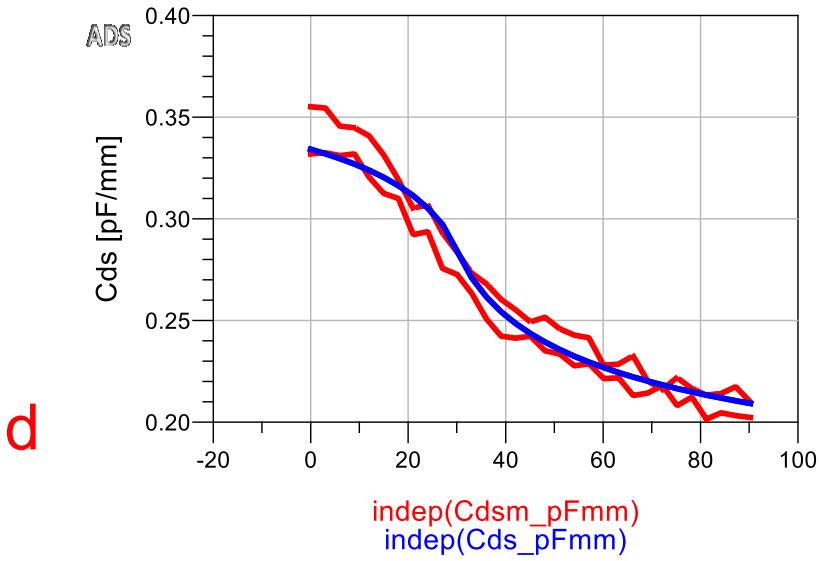
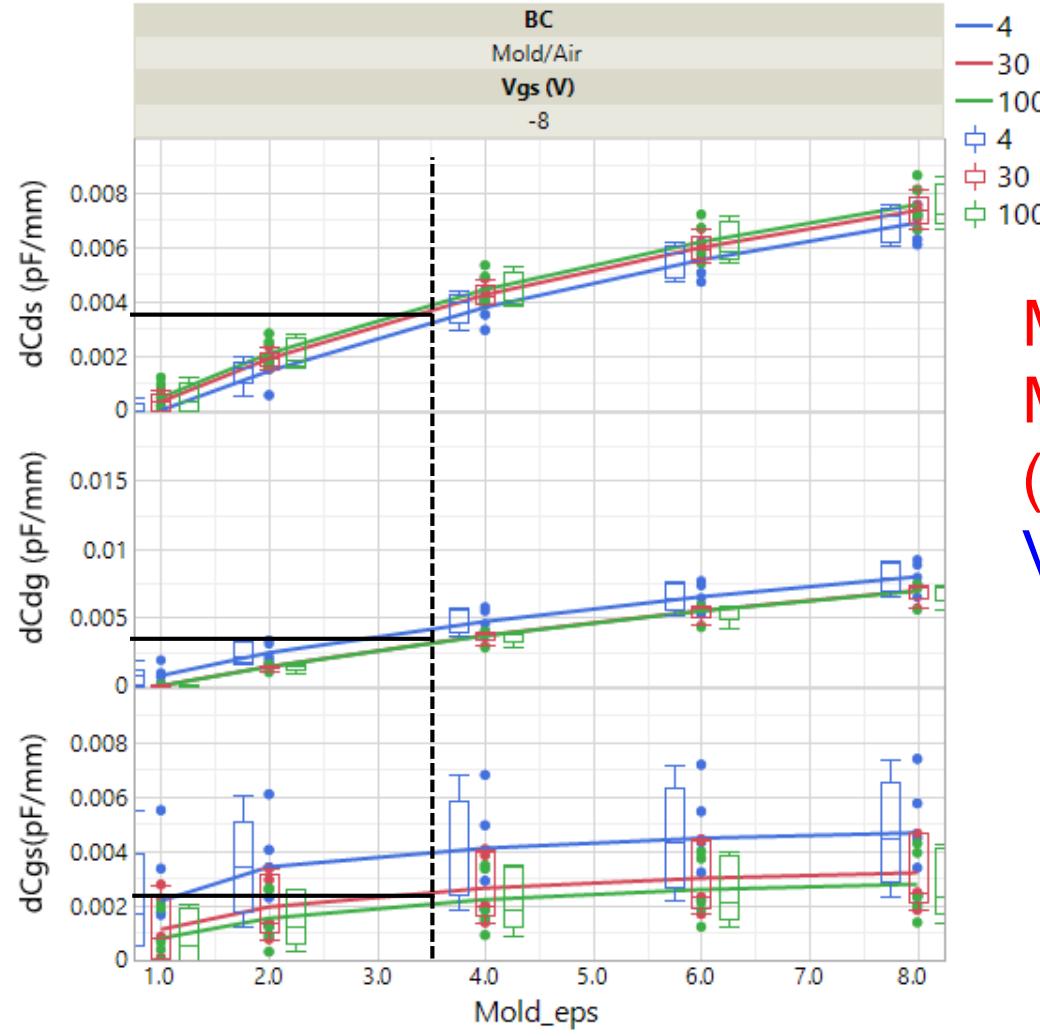
RFGaN-C1 mold impact from TCAD (C. Eckl)



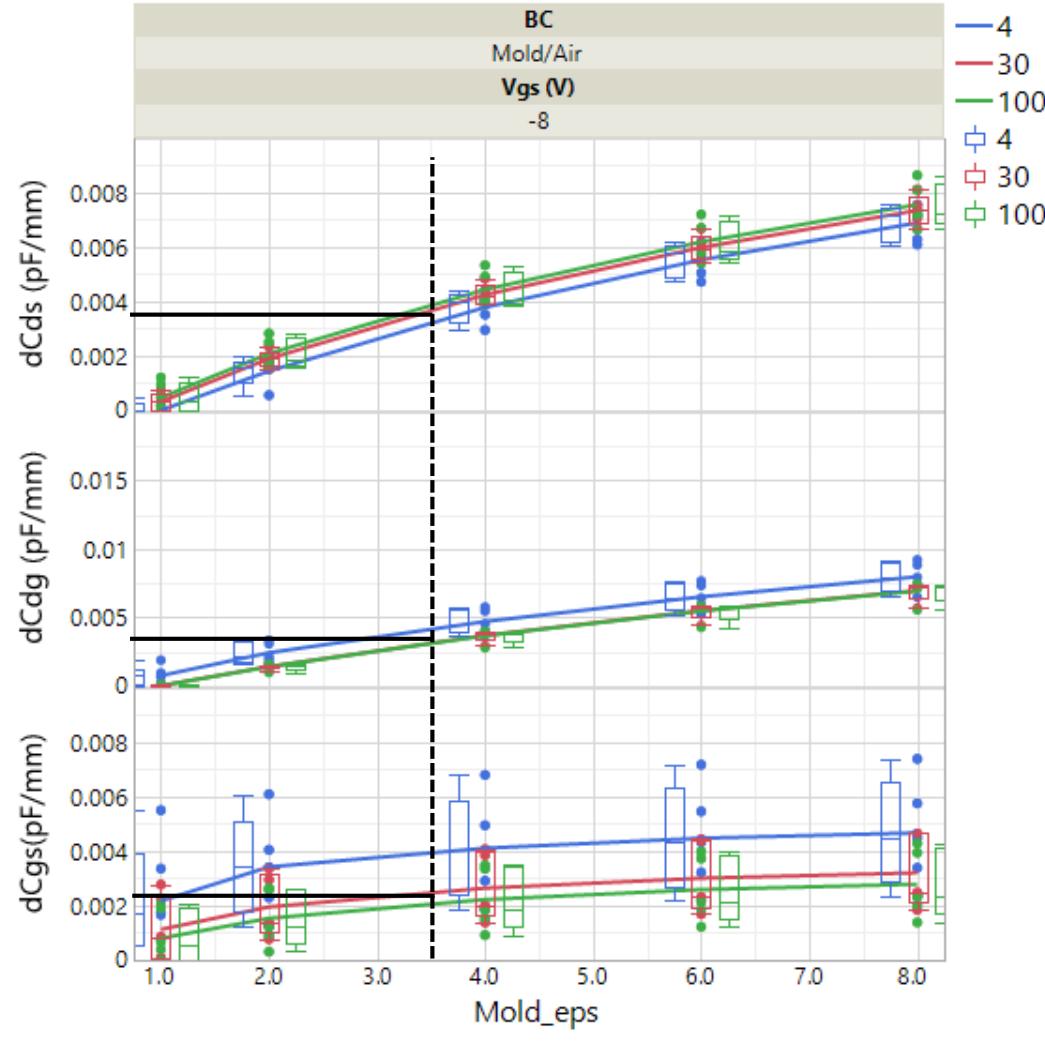
RFGaN-C1 mold impact from TCAD (C. Eckl)



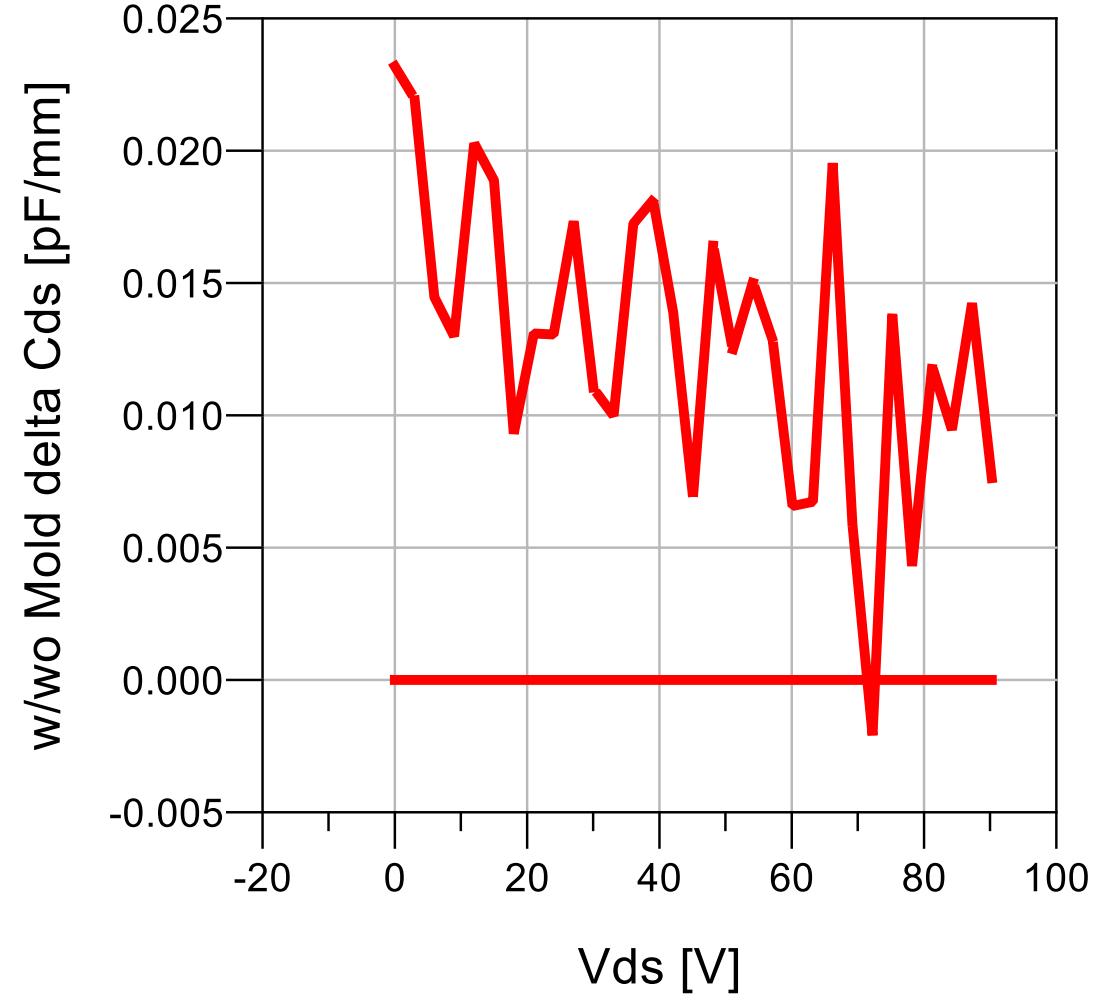
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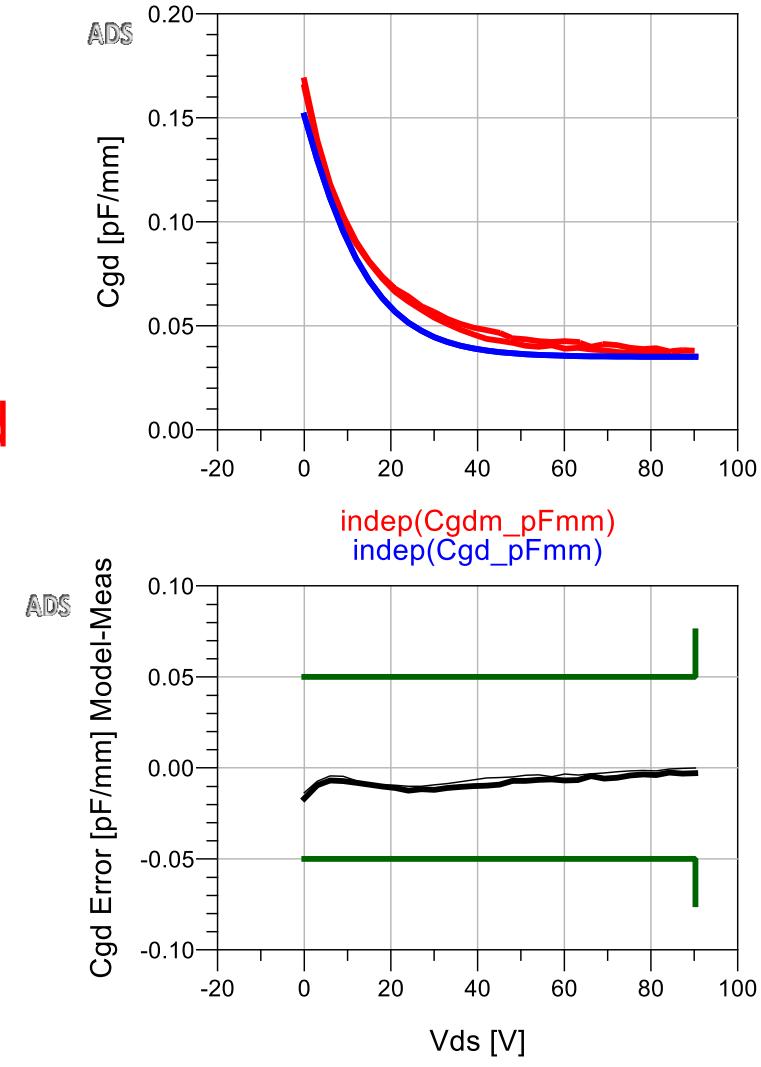
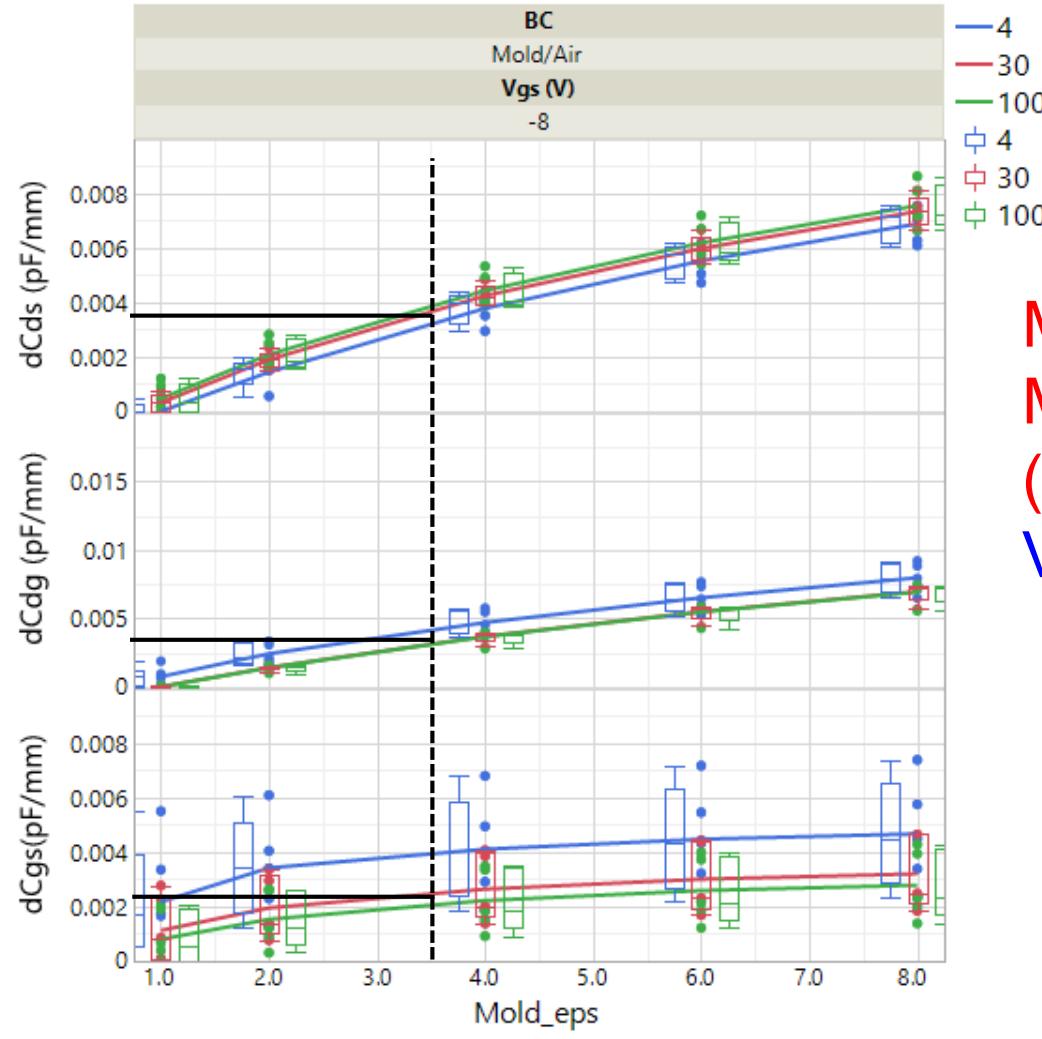
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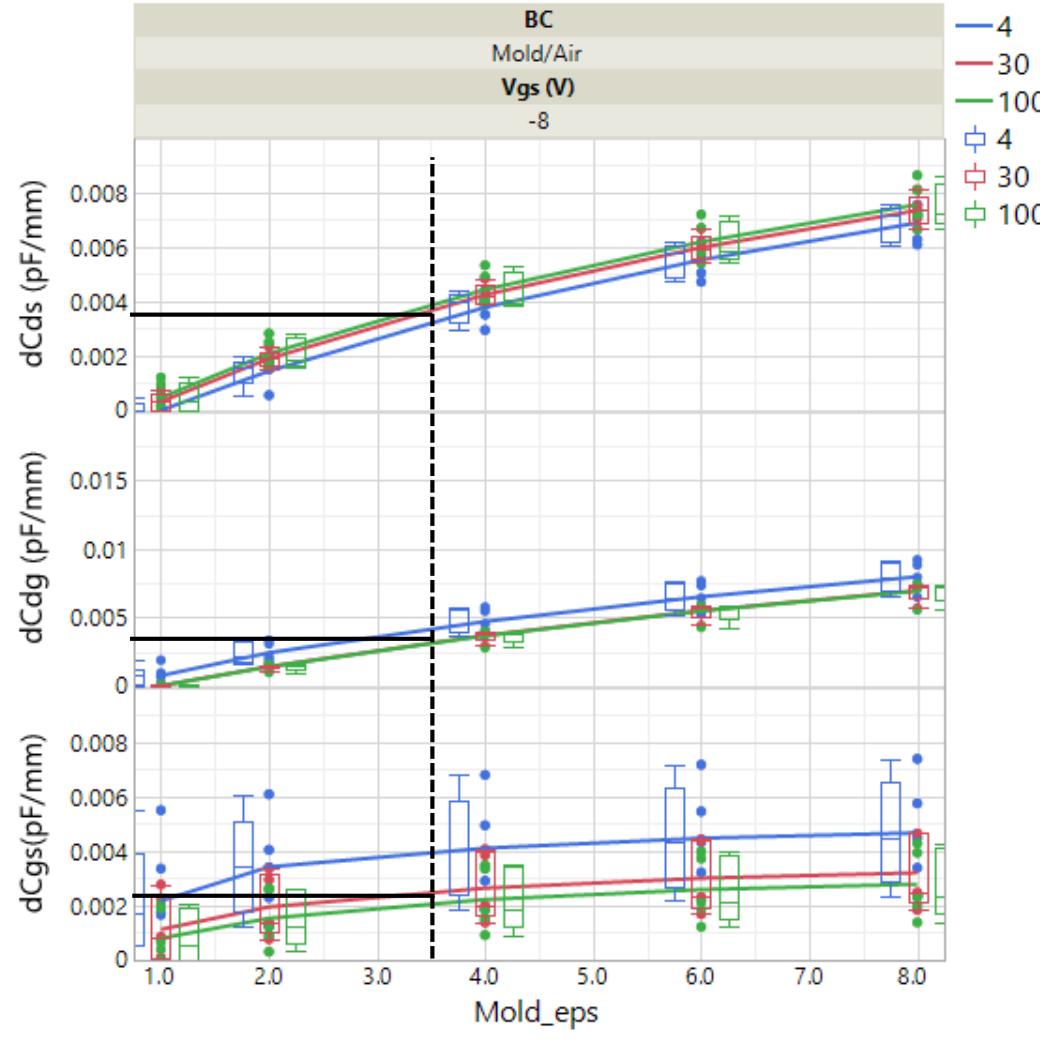
ADS



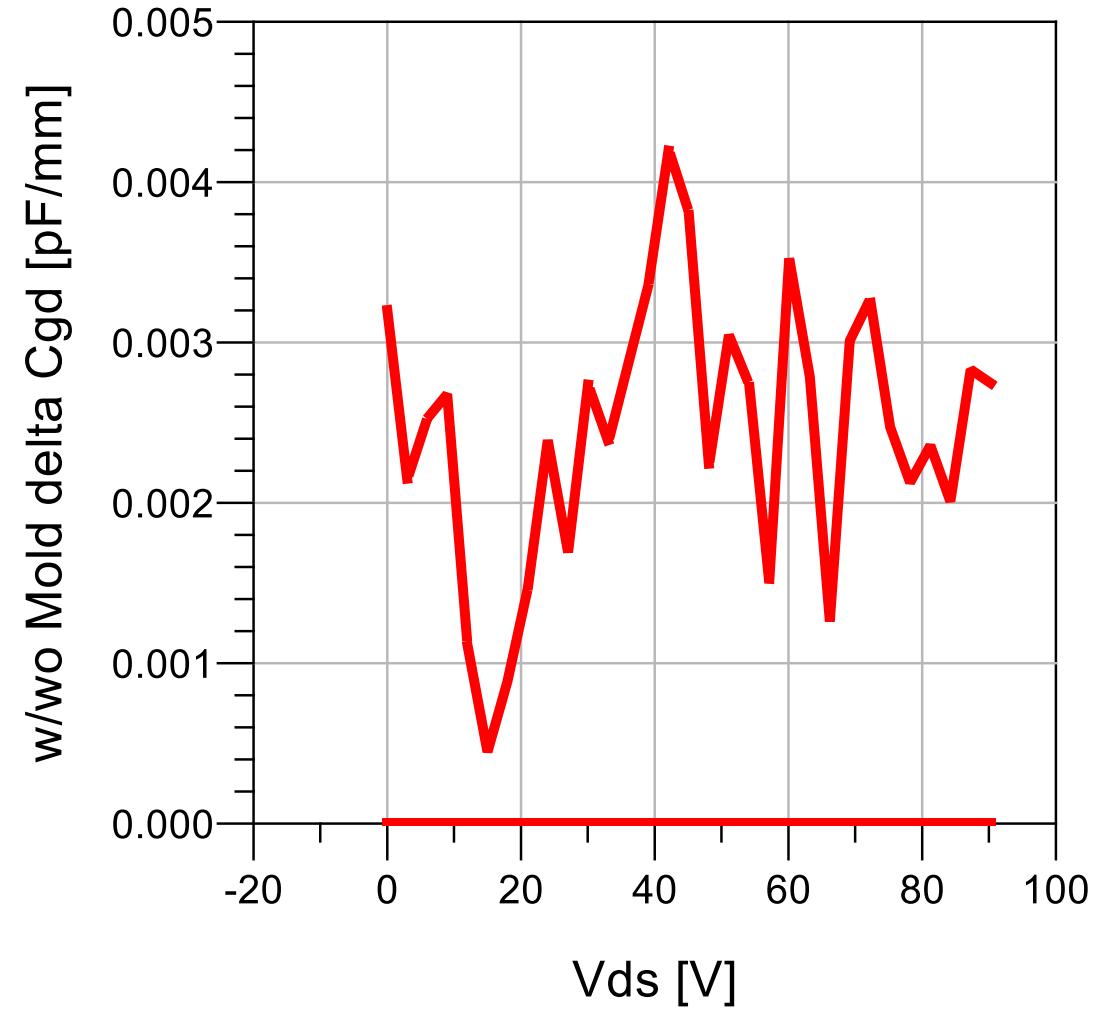
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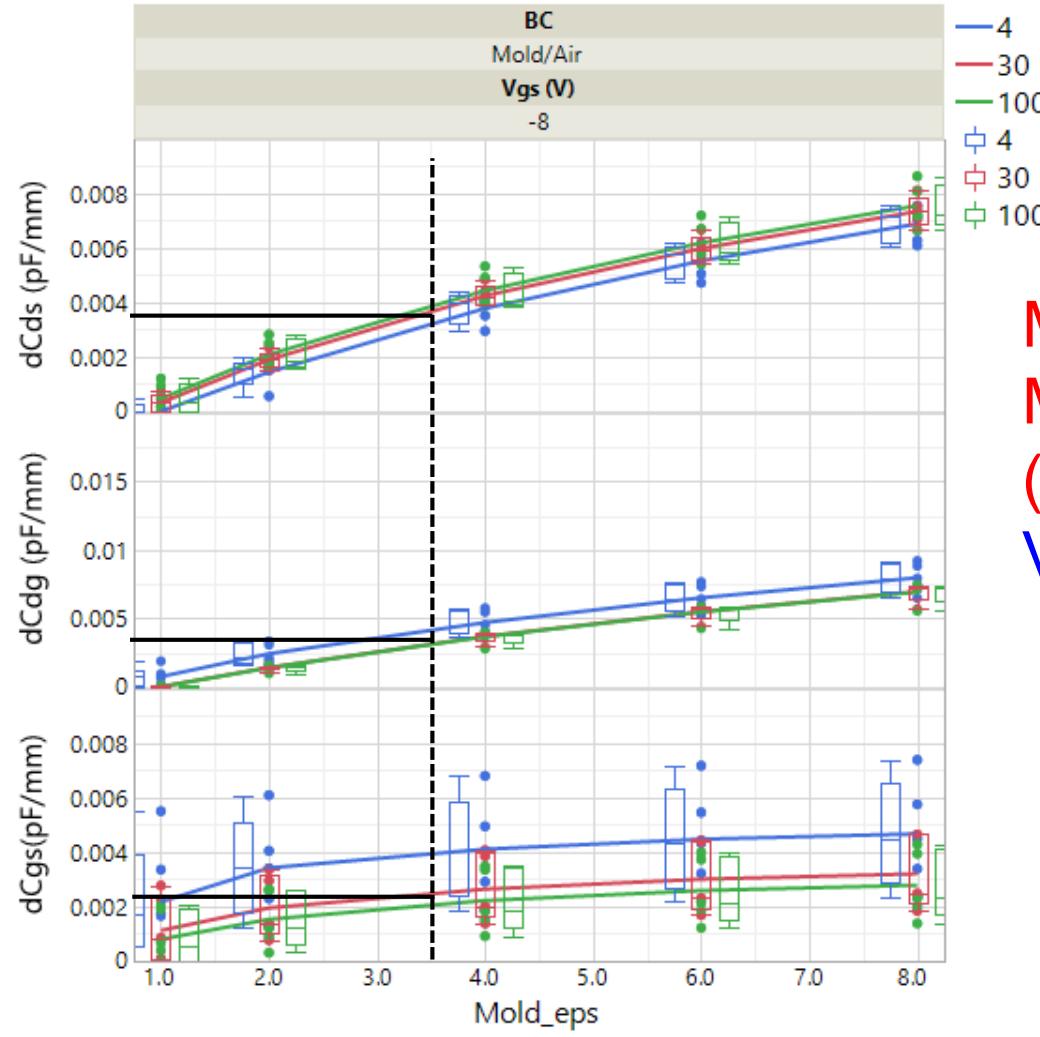
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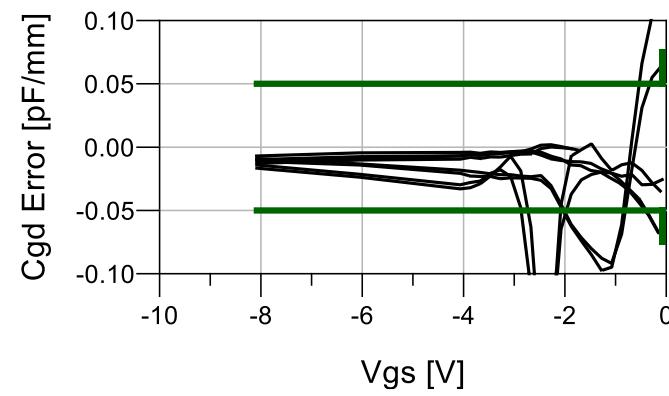
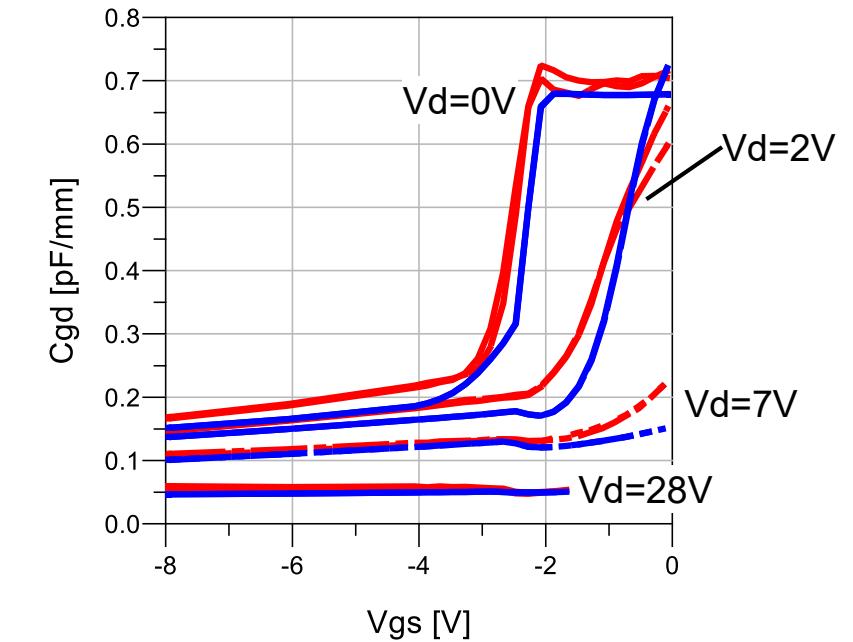
ADS



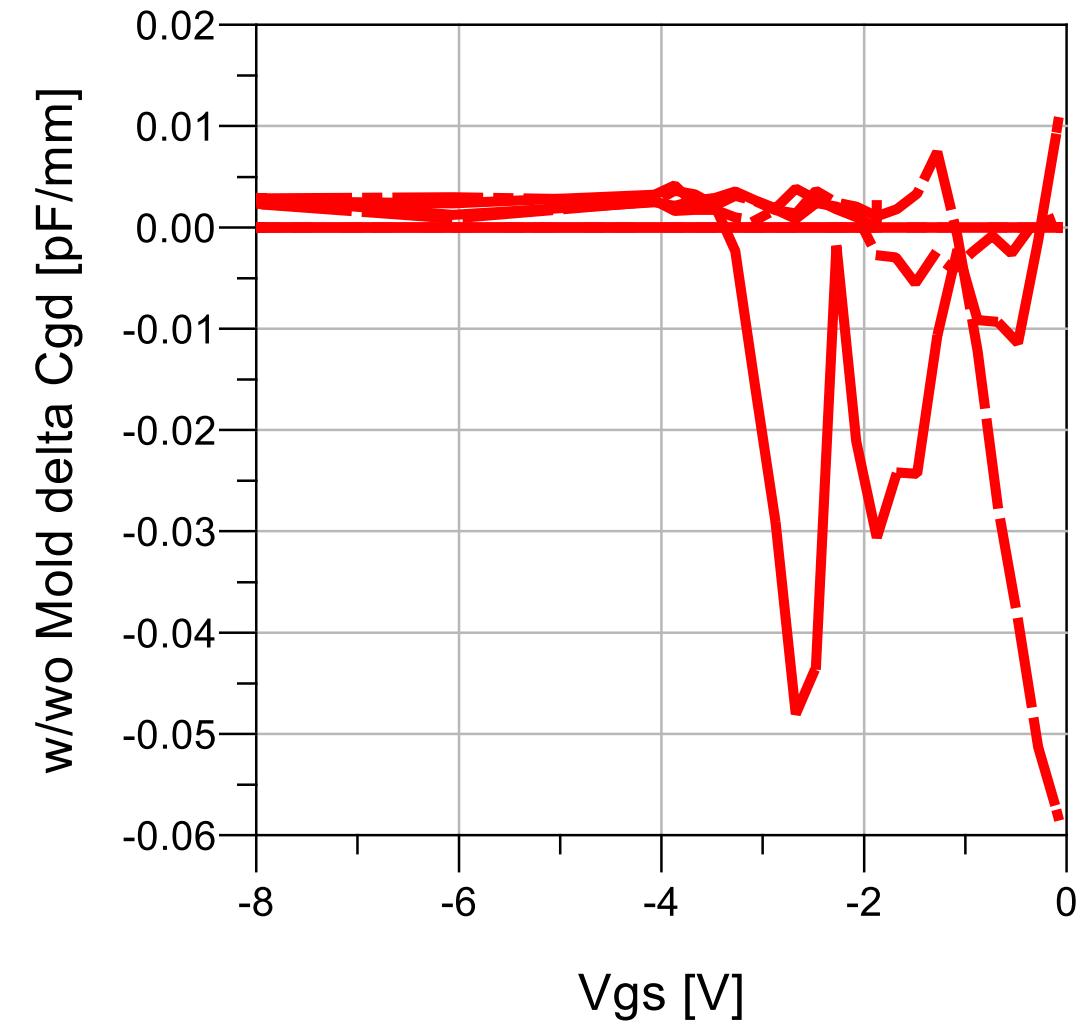
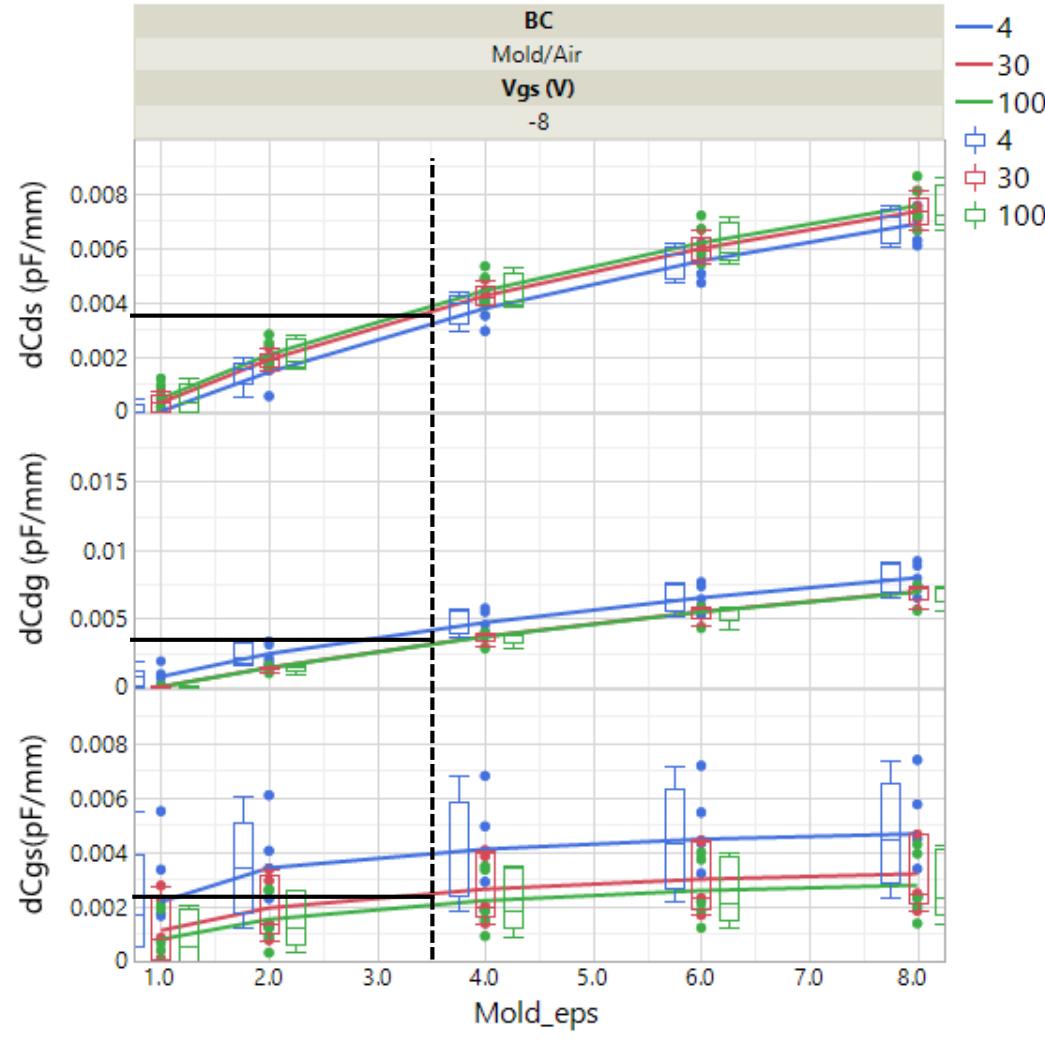
RFGaN-C1 mold impact from TCAD (C. Eckl)



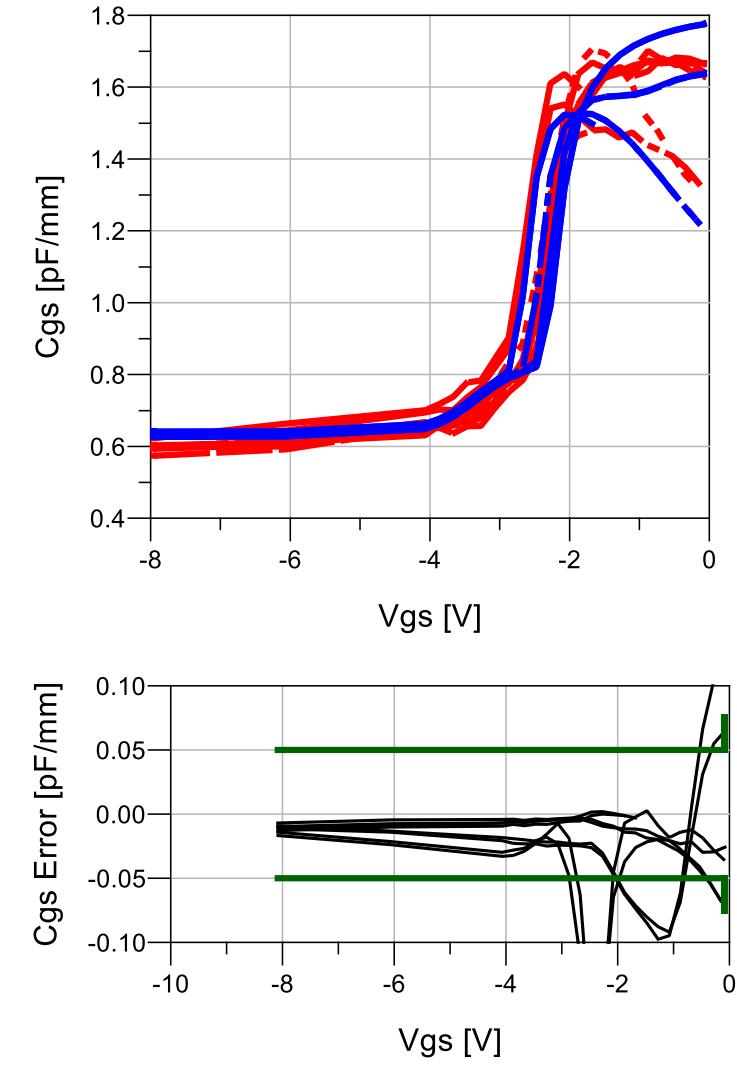
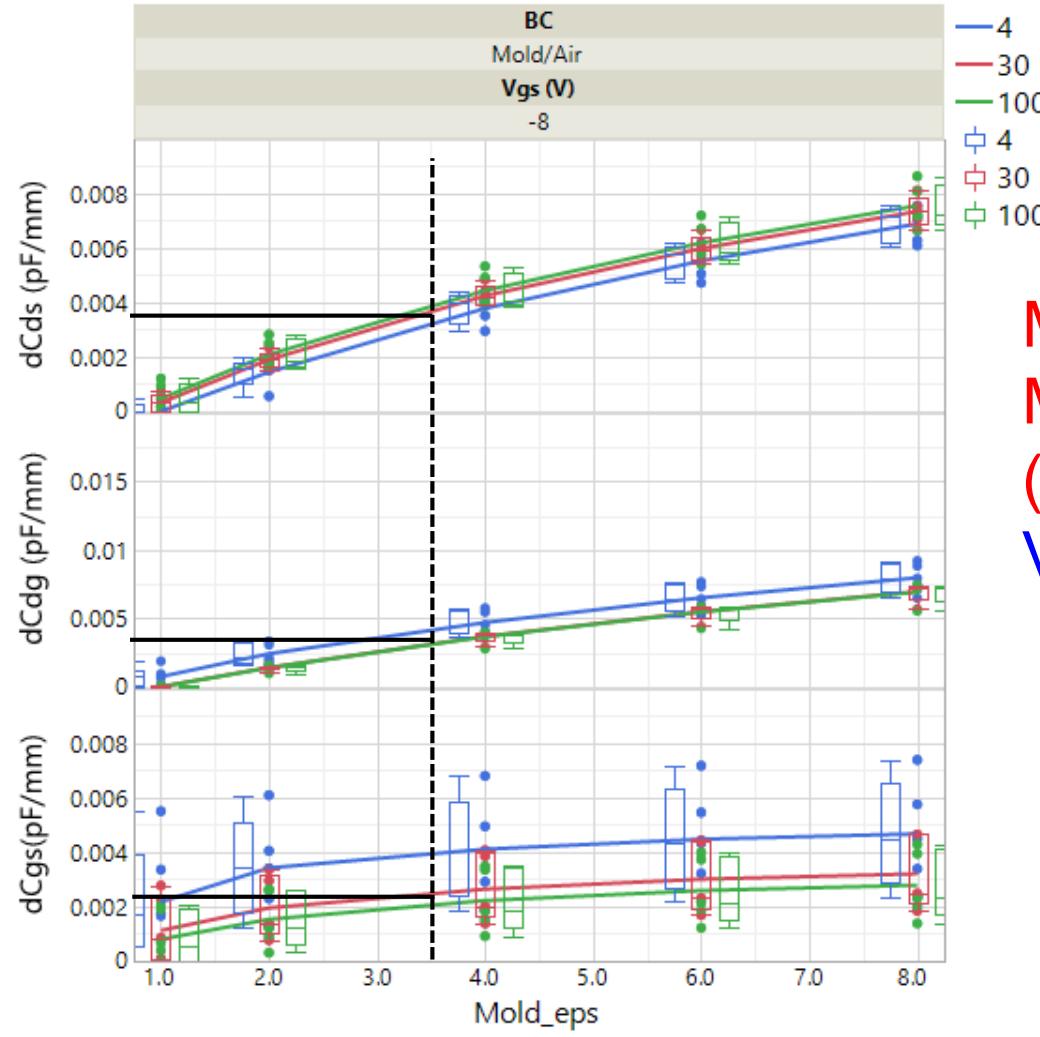
Meas
Meas + Mold
(Dash)
V1.5 Model



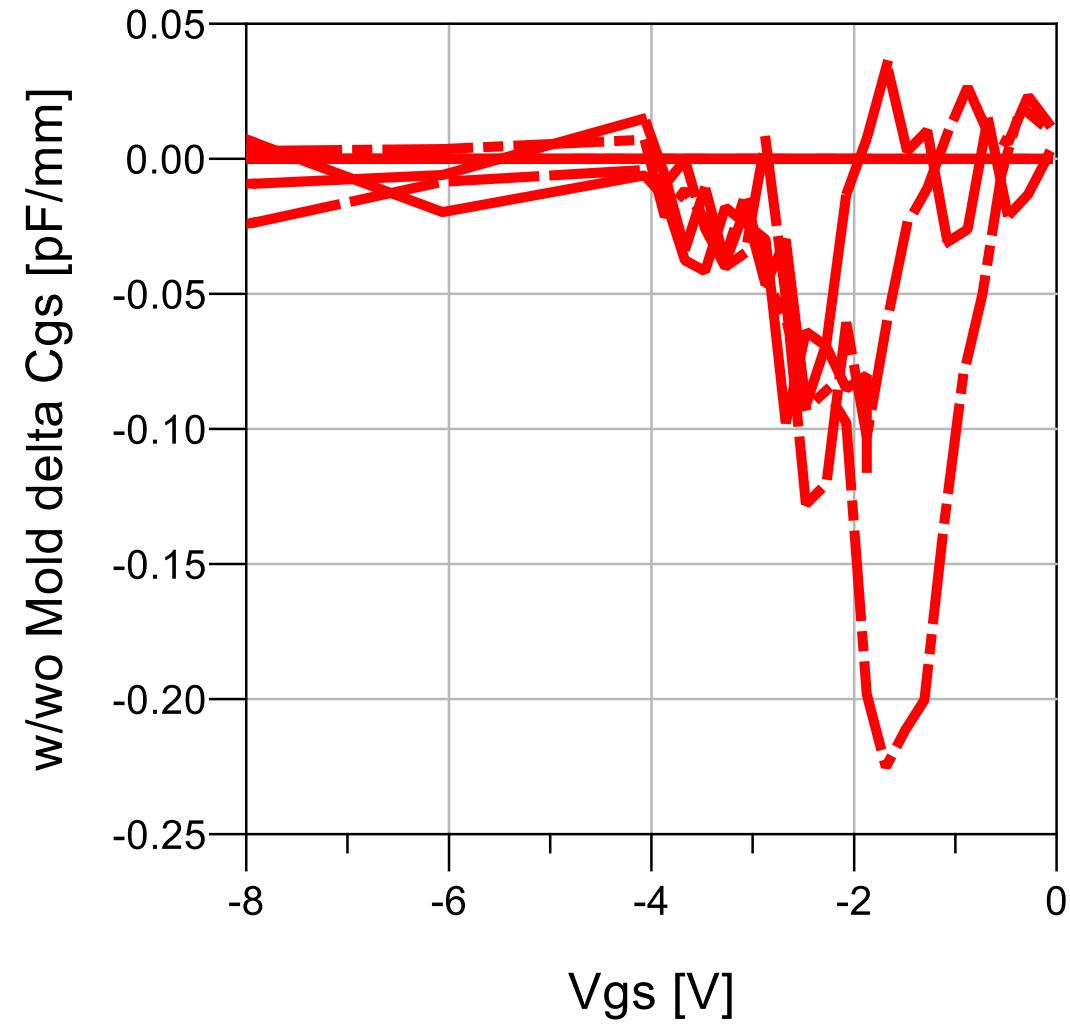
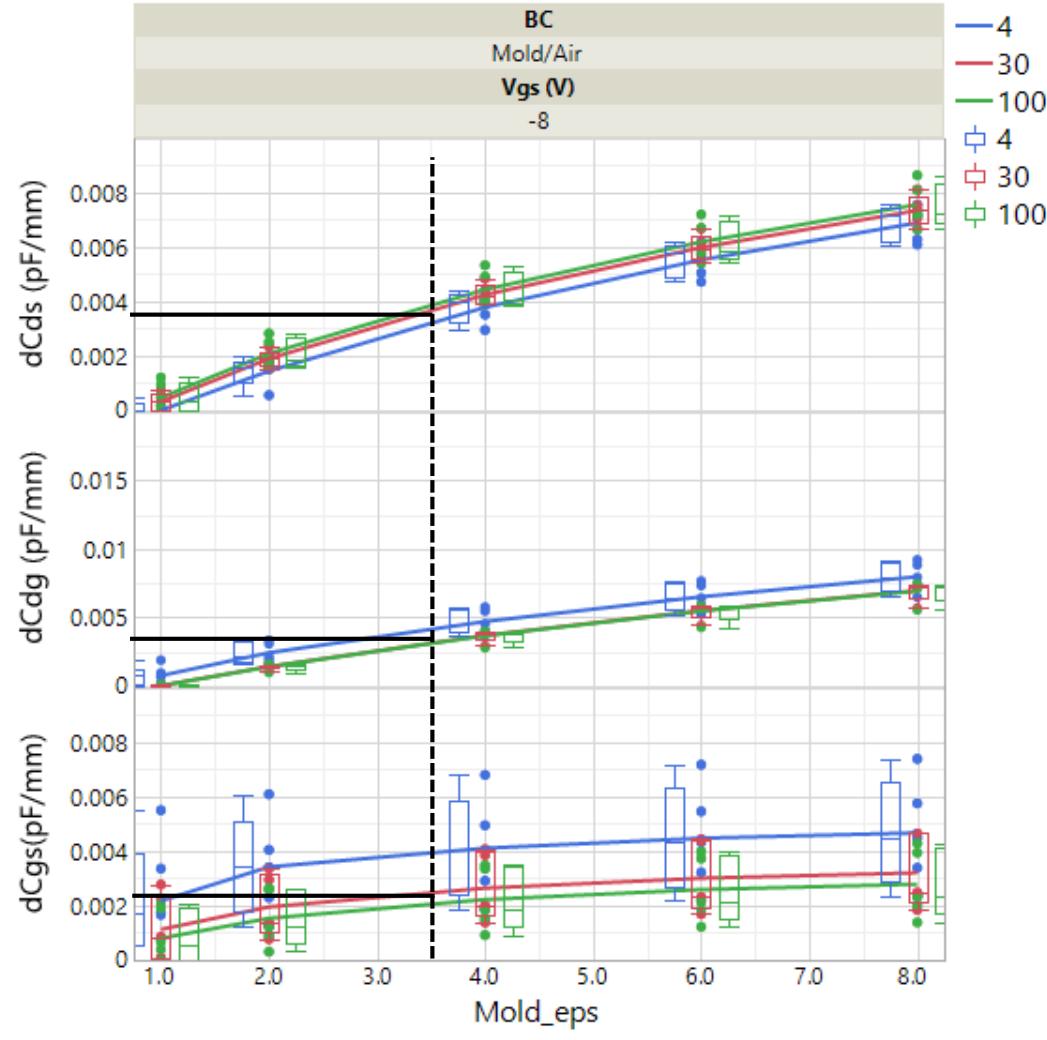
RFGaN-C1 mold impact from TCAD (C. Eckl)



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