

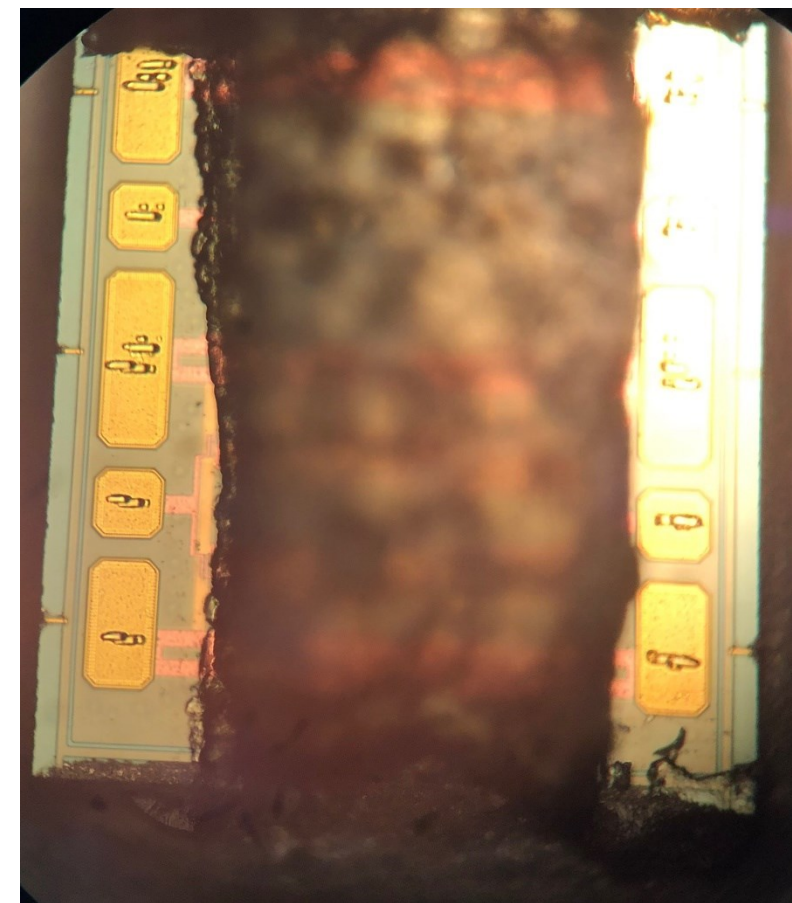
Impact of overmold on C(V) performance

Tim Canning, Christian Eckl, Guillermo Rafael-Valdivia

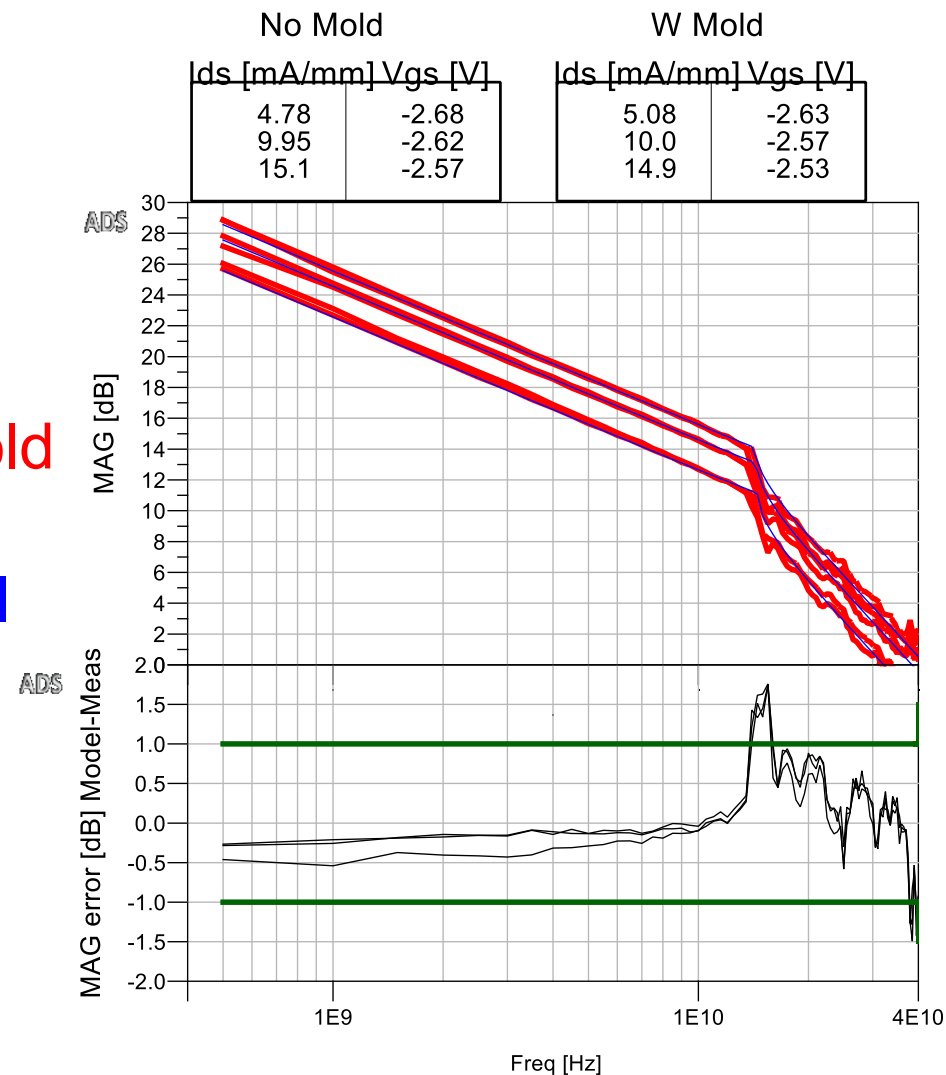
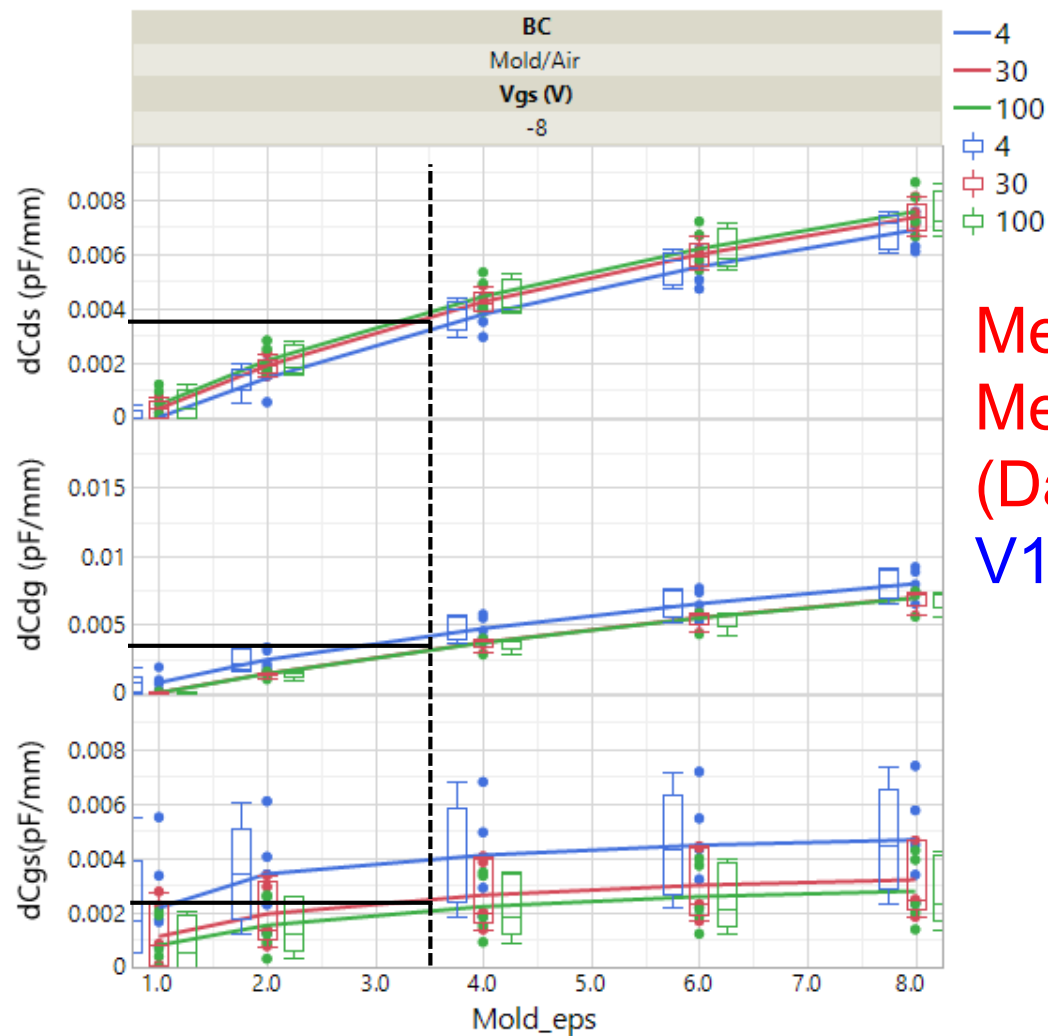


RC35 device with Mold impact assessment

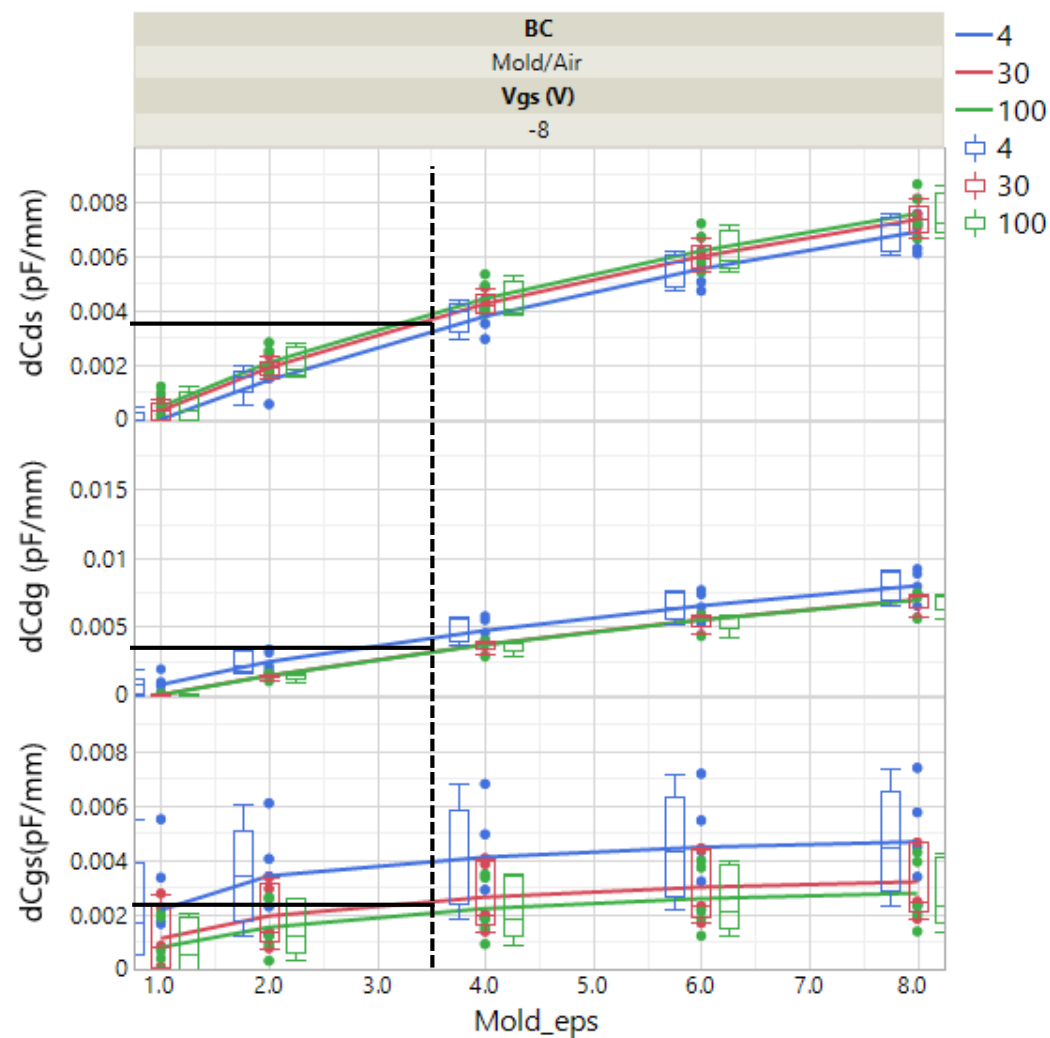
- devices used for v1.5 model extraction. Measured before and after adding mold
- Mold compound used is ...



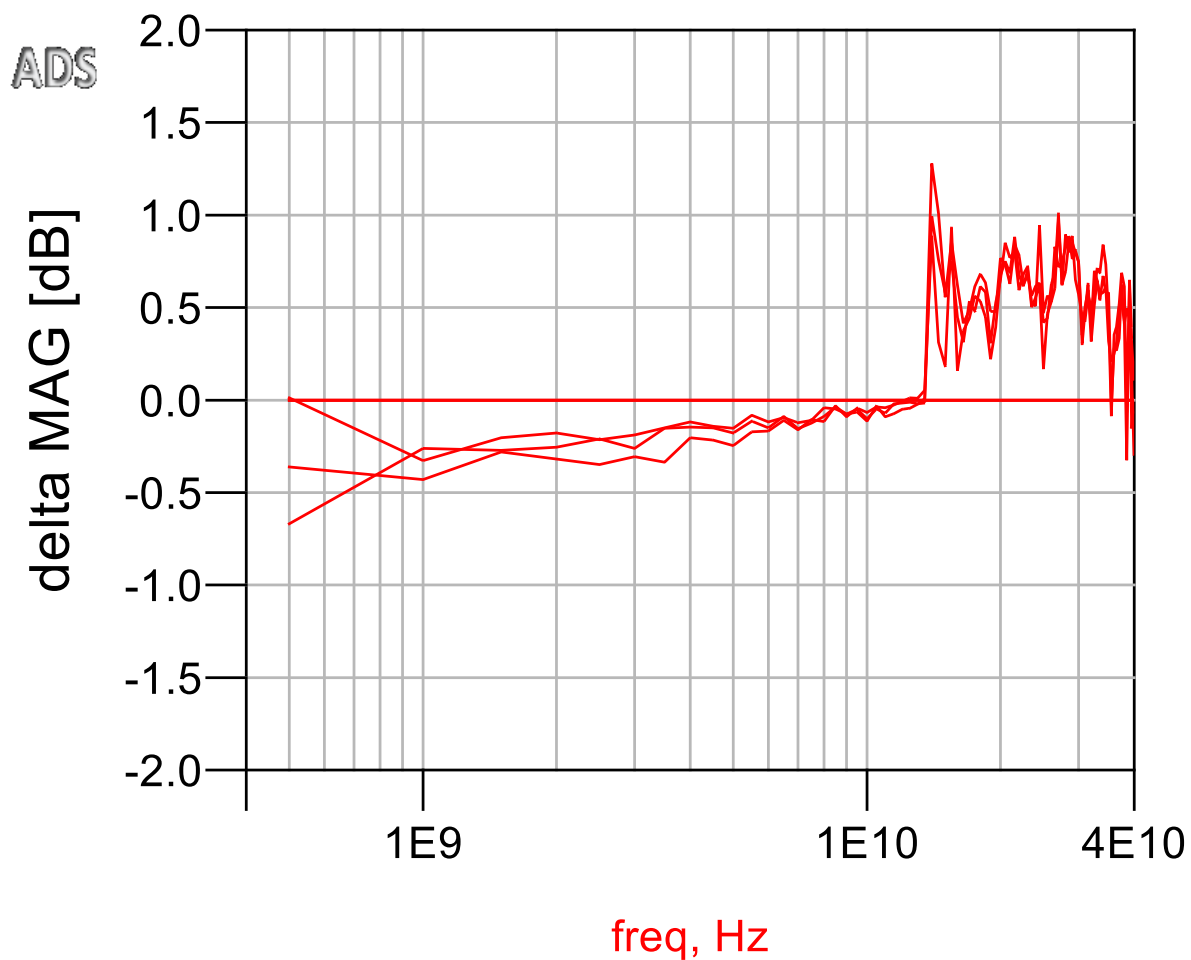
RFGaN-C1 mold impact from TCAD (C. Eckl)



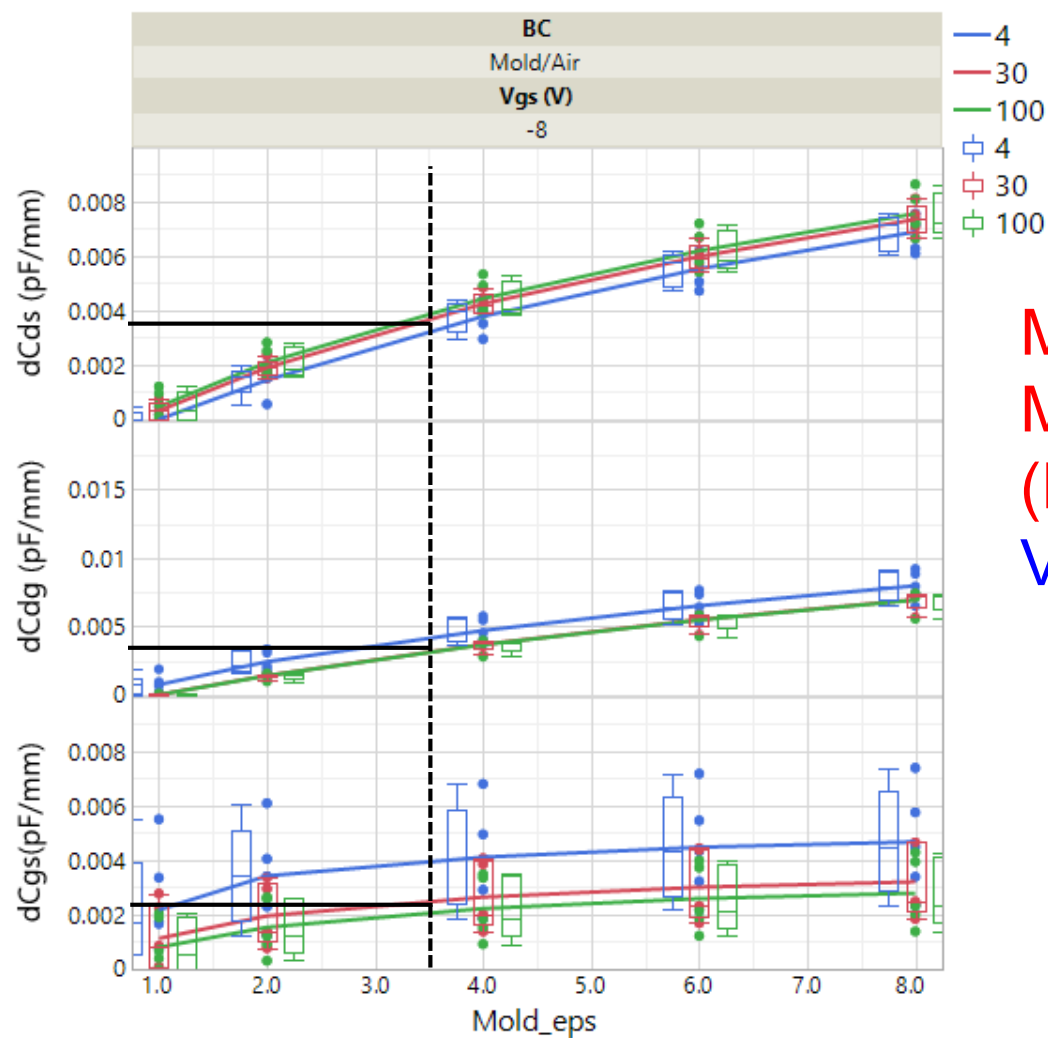
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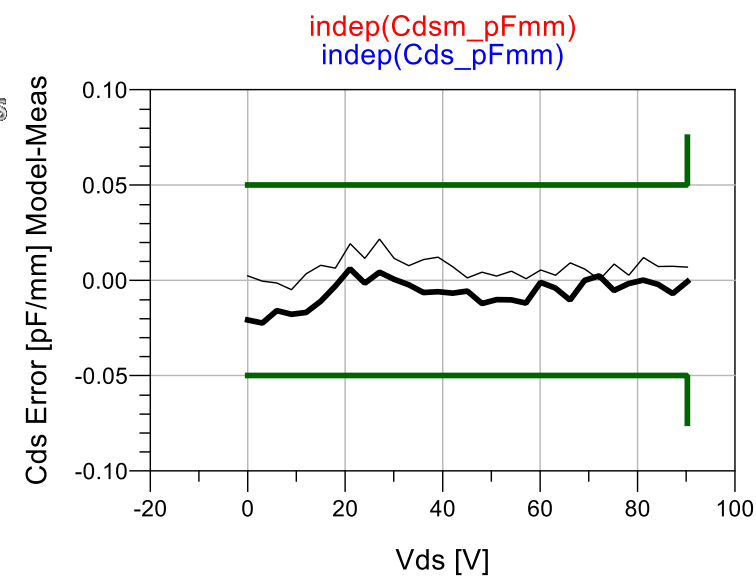
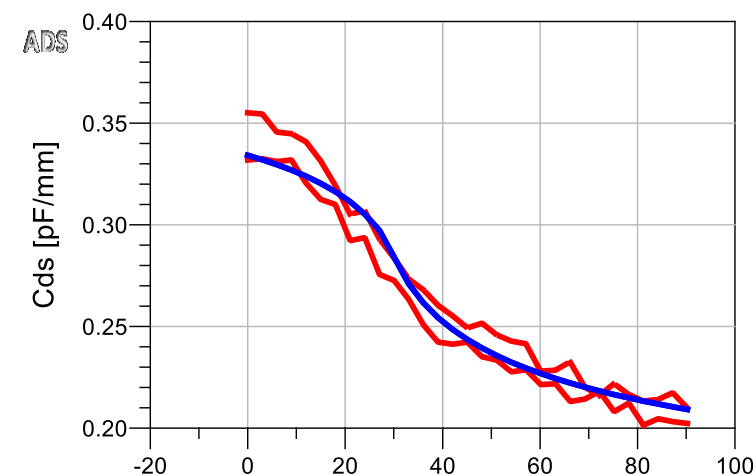
ADS



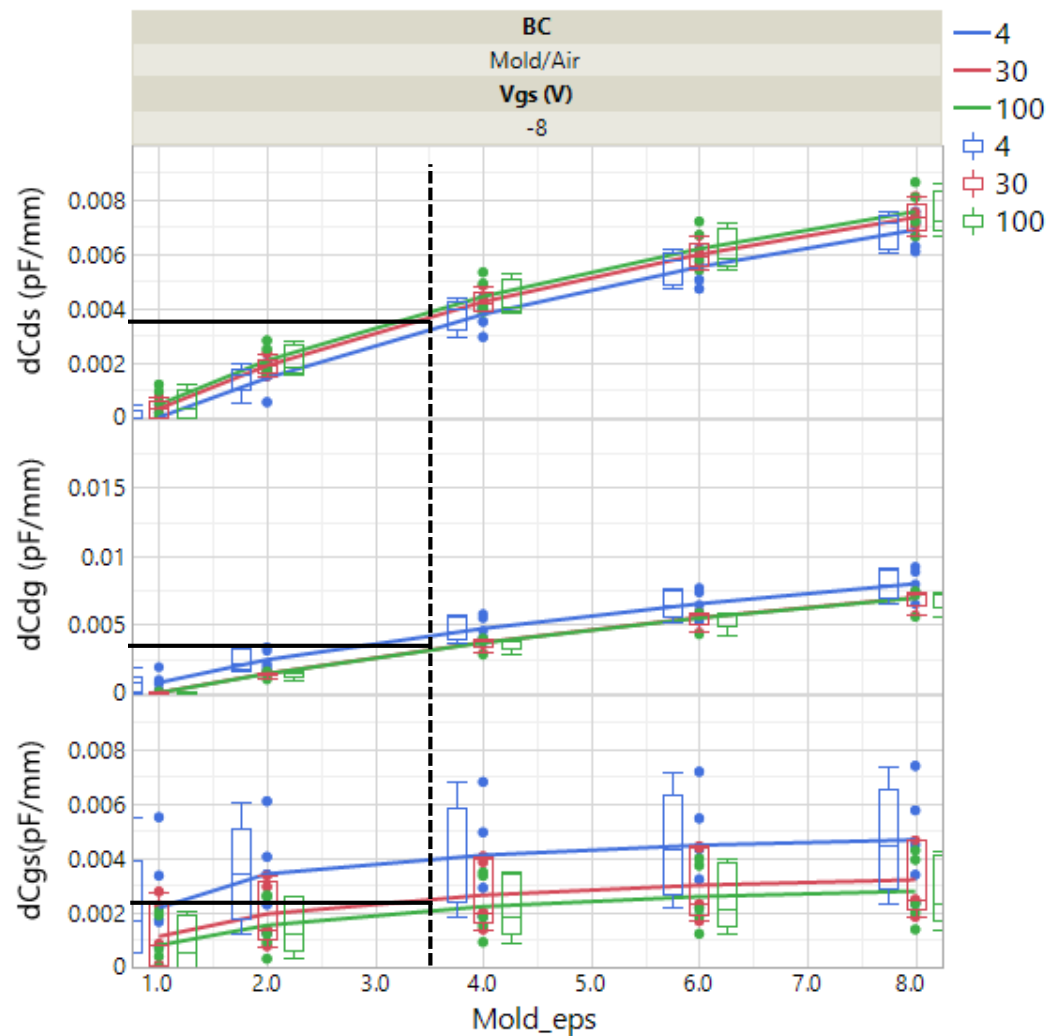
RFGaN-C1 mold impact from TCAD (C. Eckl)



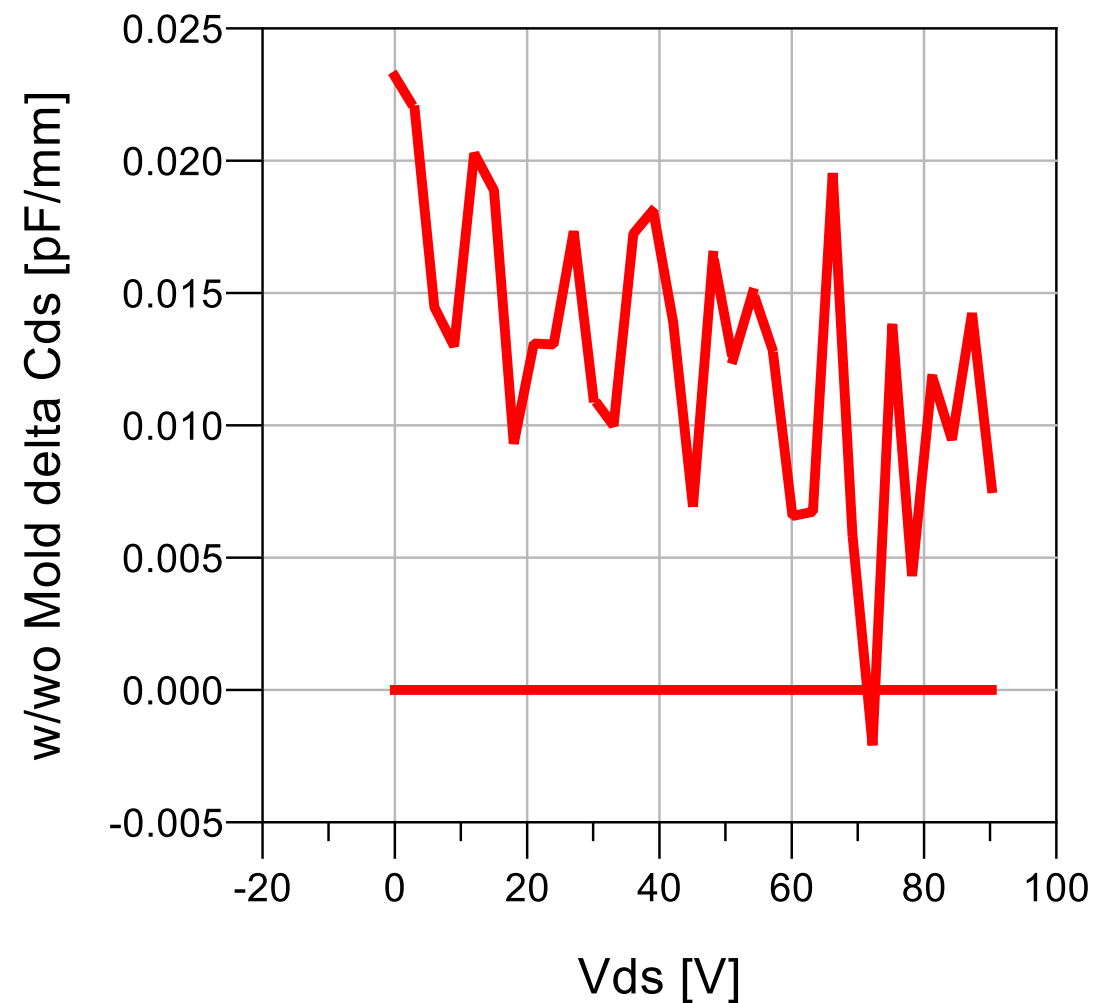
Meas
Meas + Mold
(Dash)
V1.5 Model



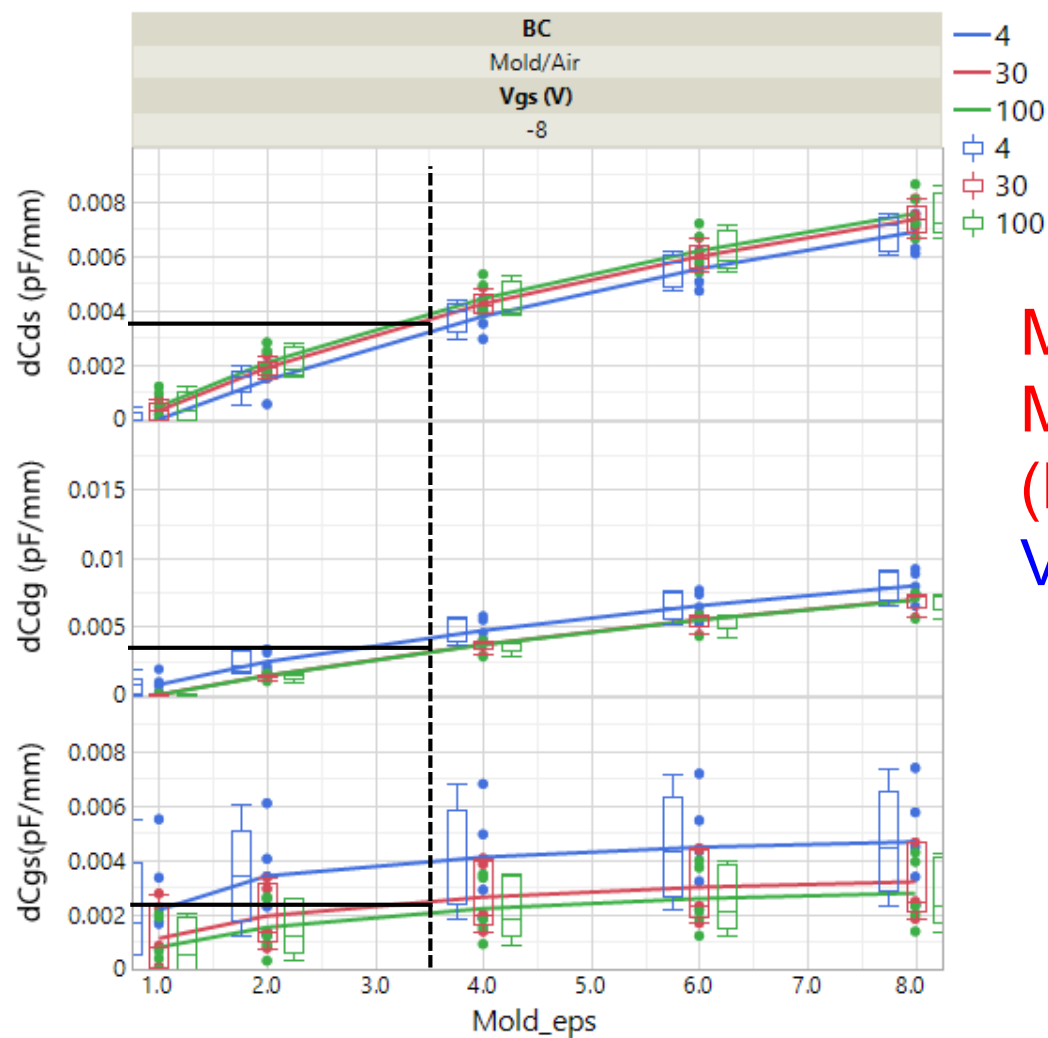
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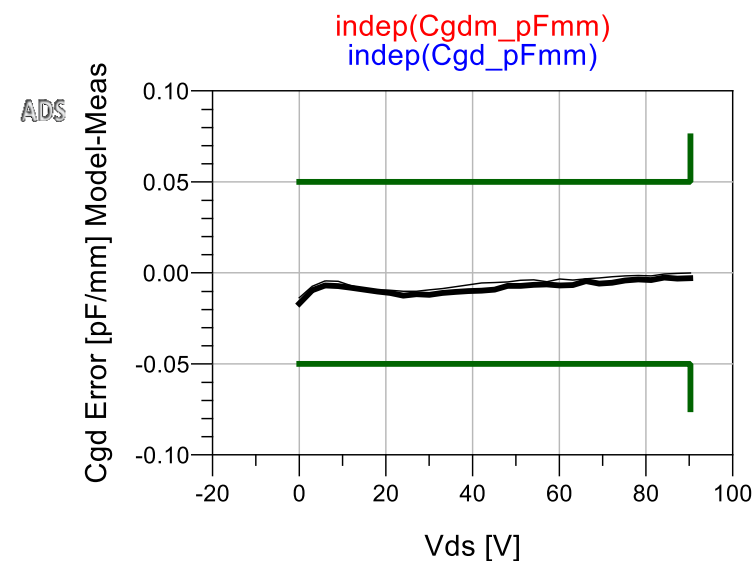
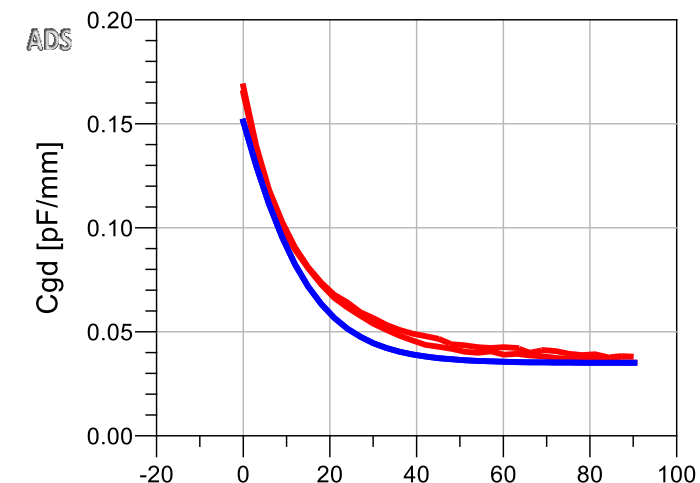
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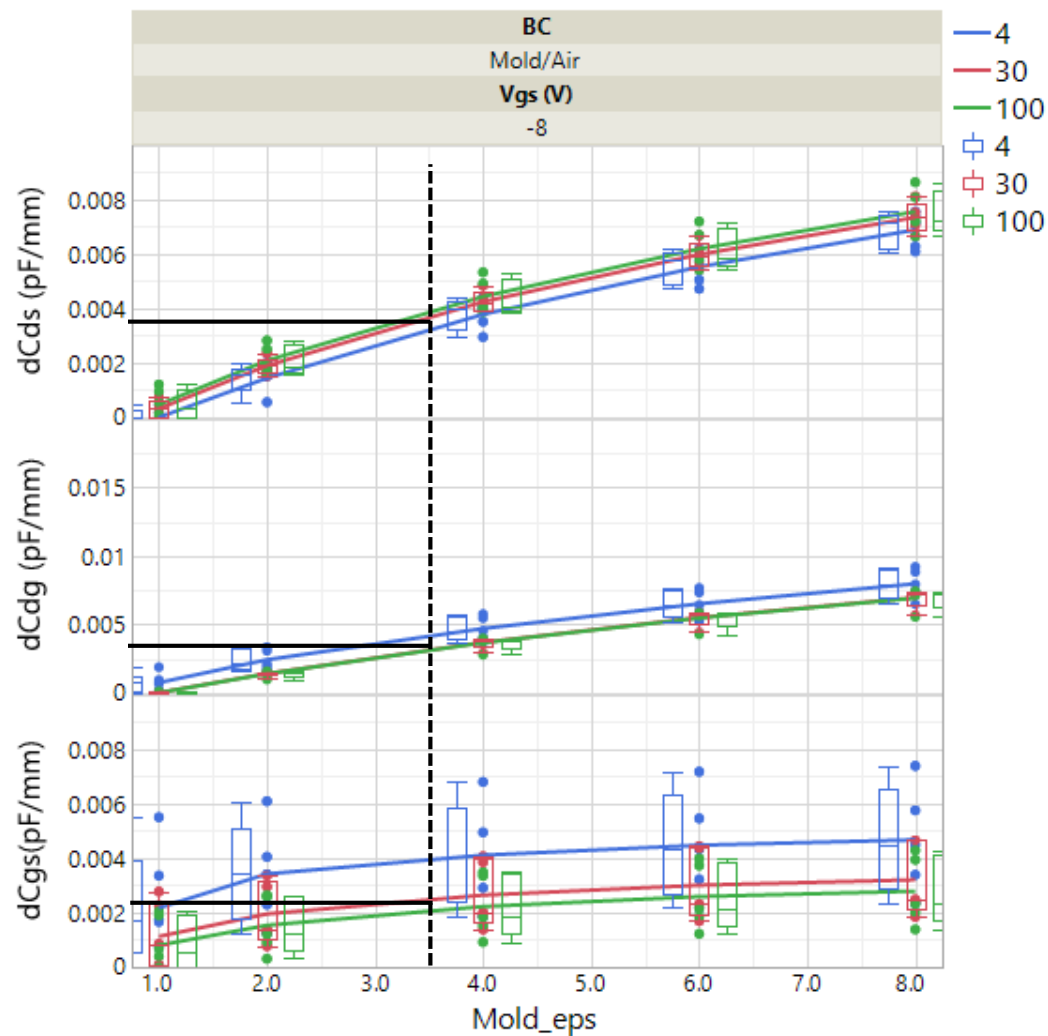
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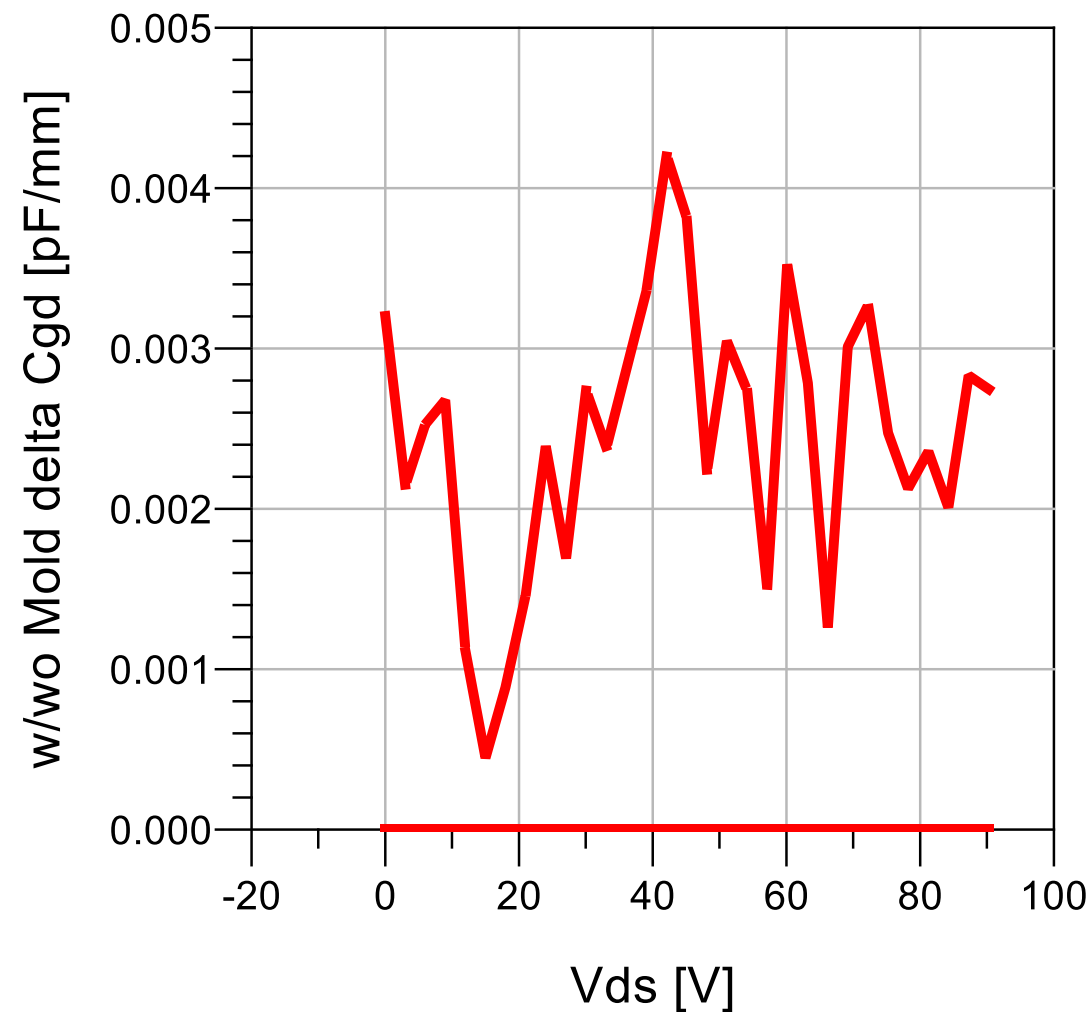
Meas
Meas + Mold
(Dash)
V1.5 Model



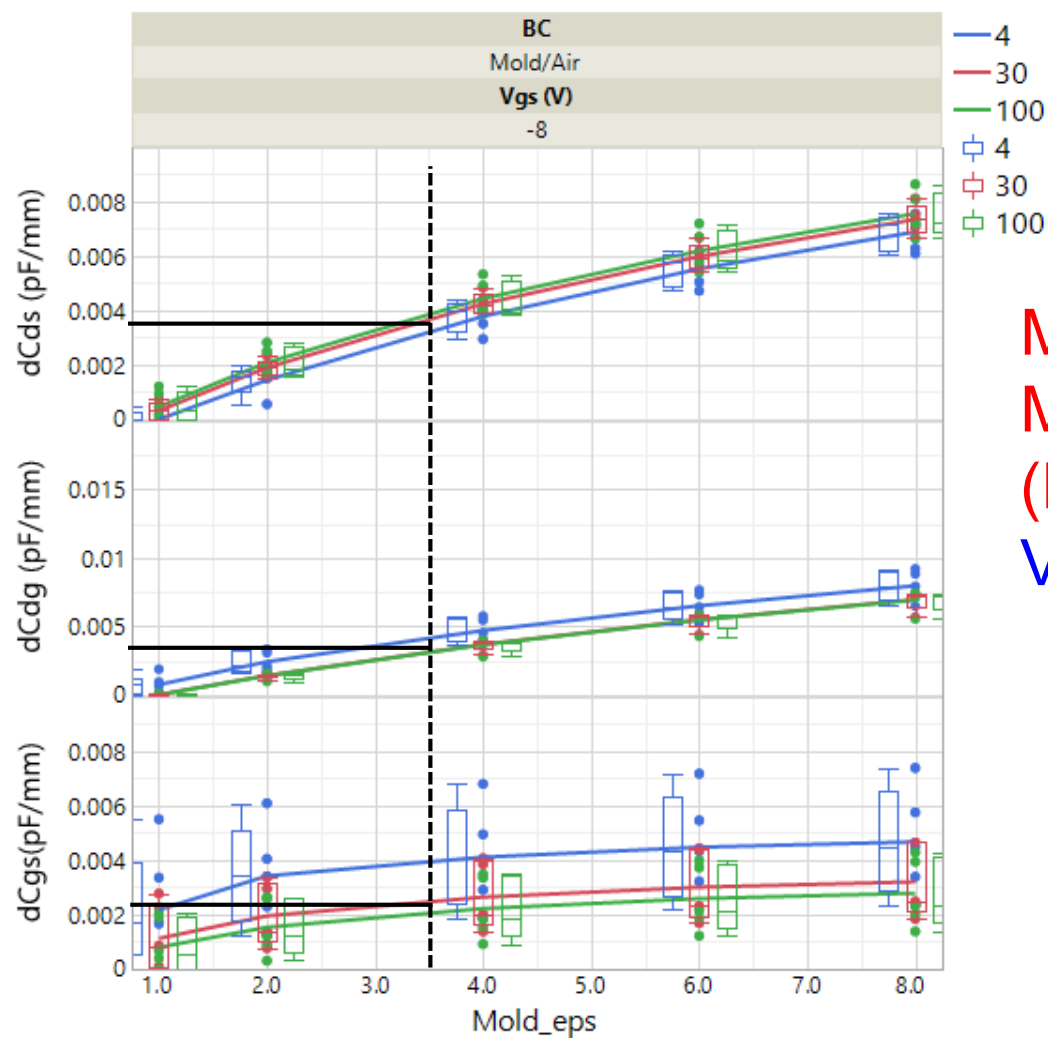
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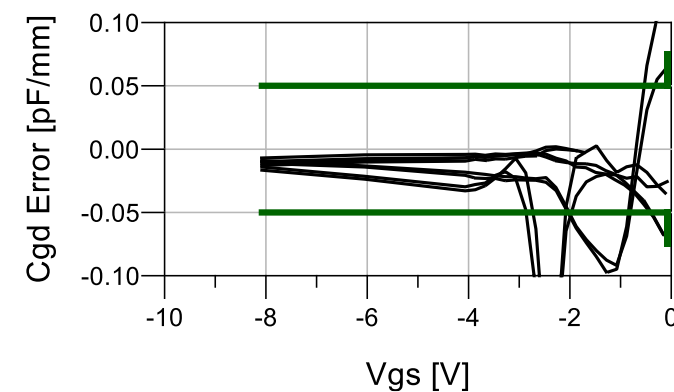
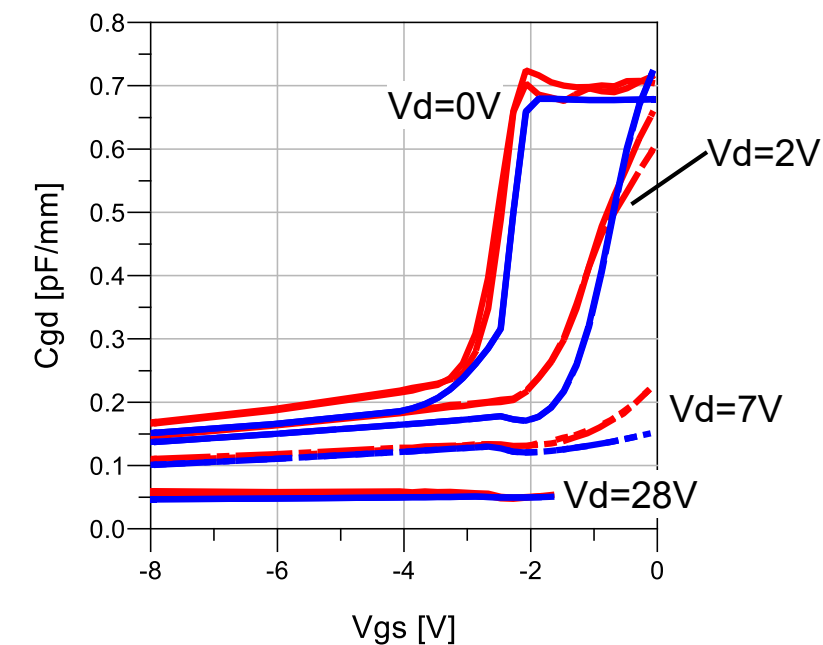
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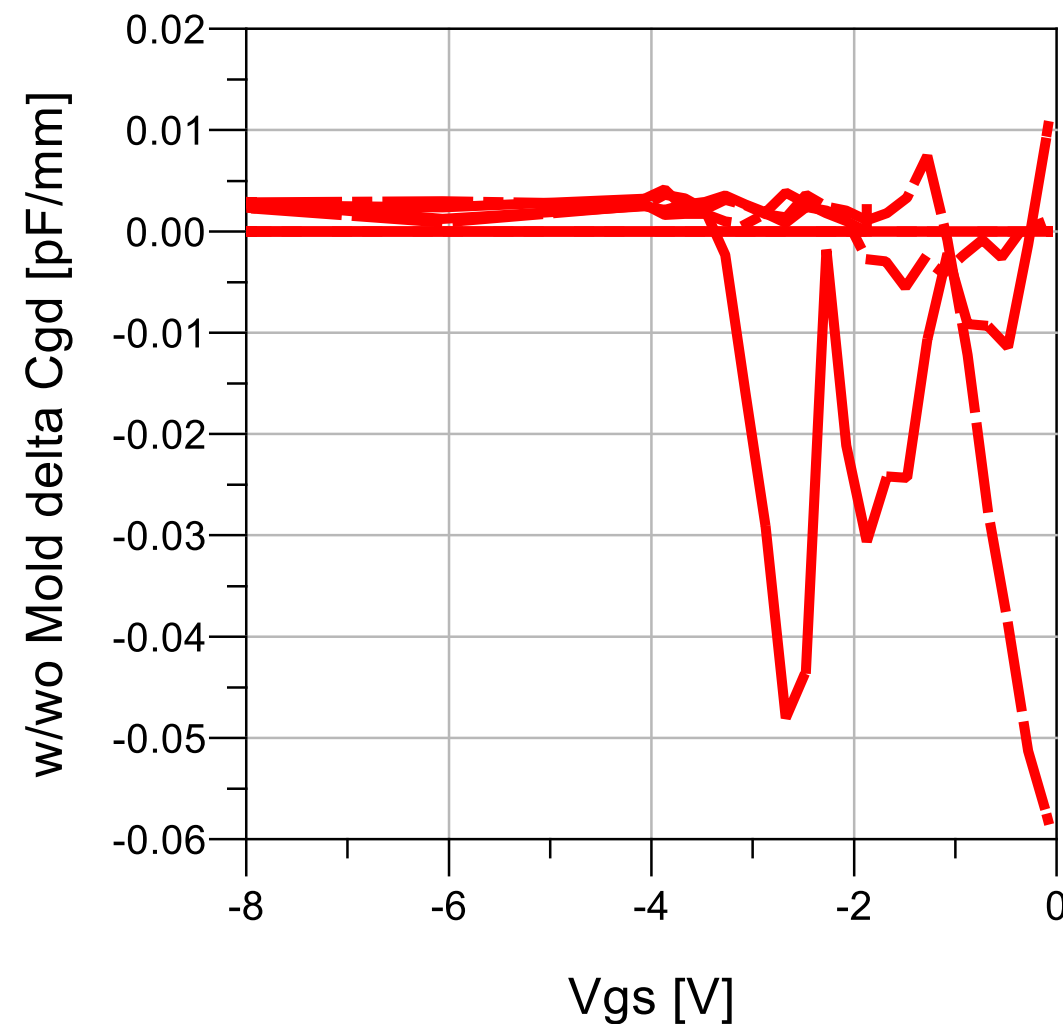
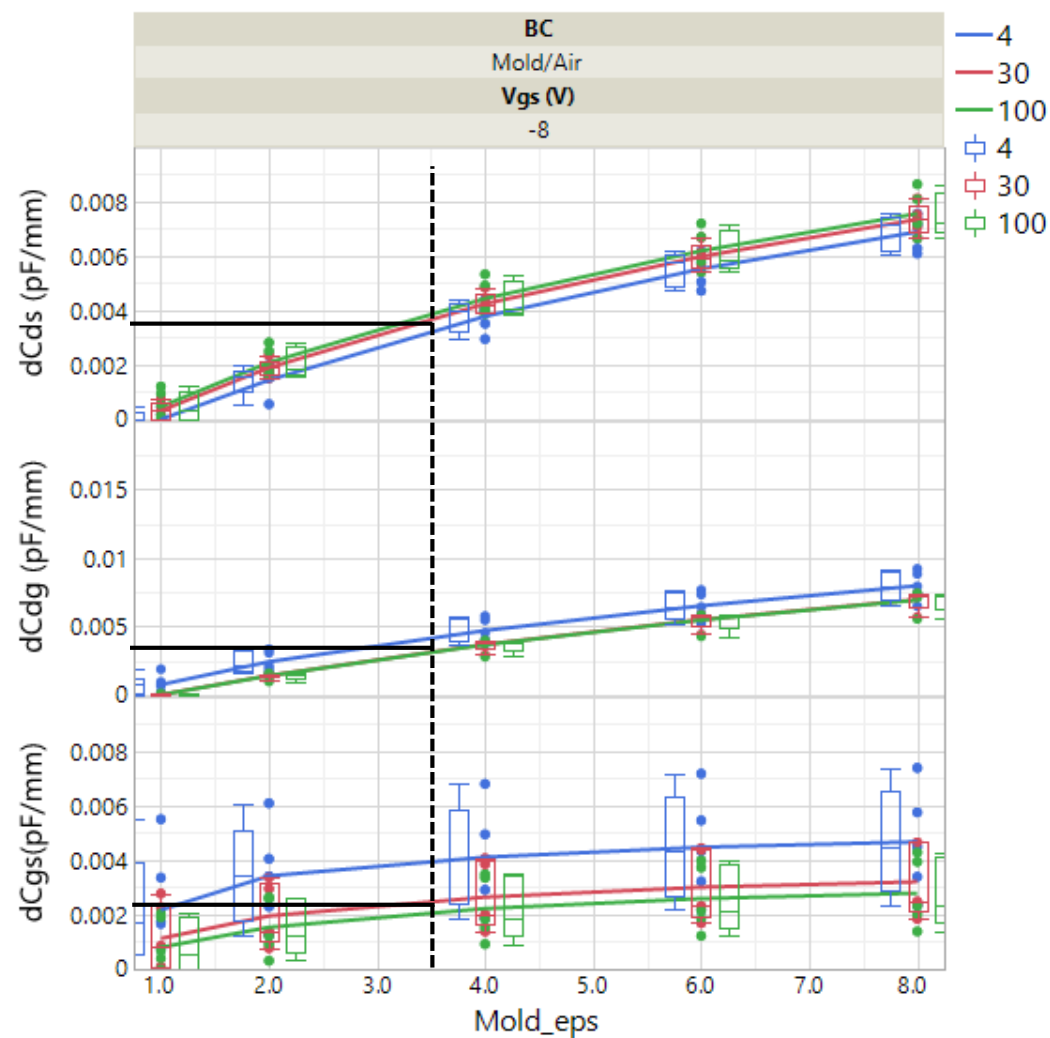
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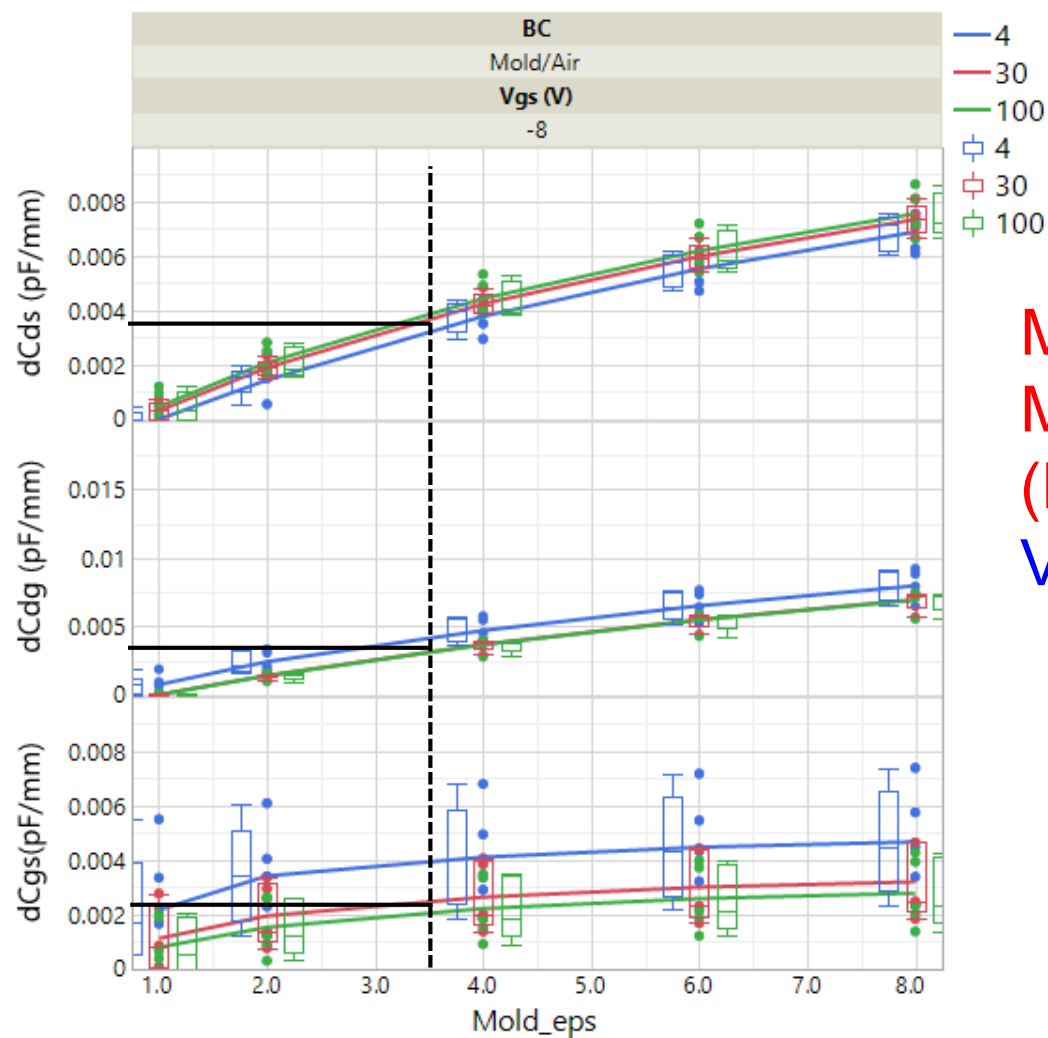
Meas
Meas + Mold
(Dash)
V1.5 Model



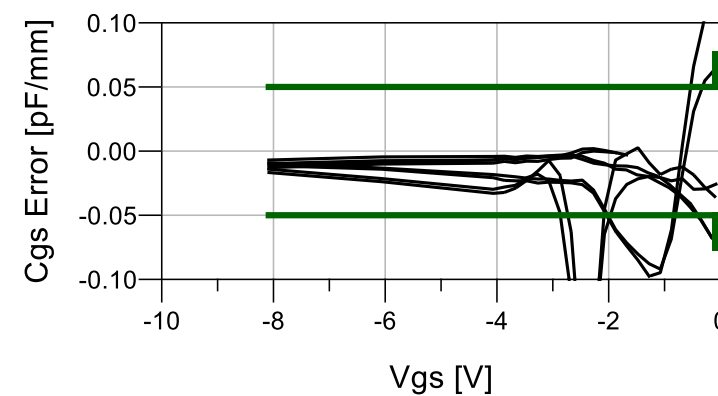
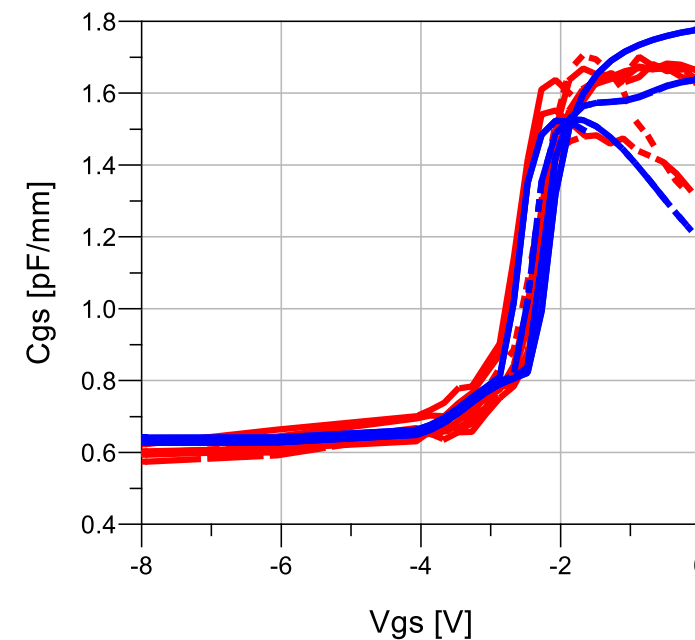
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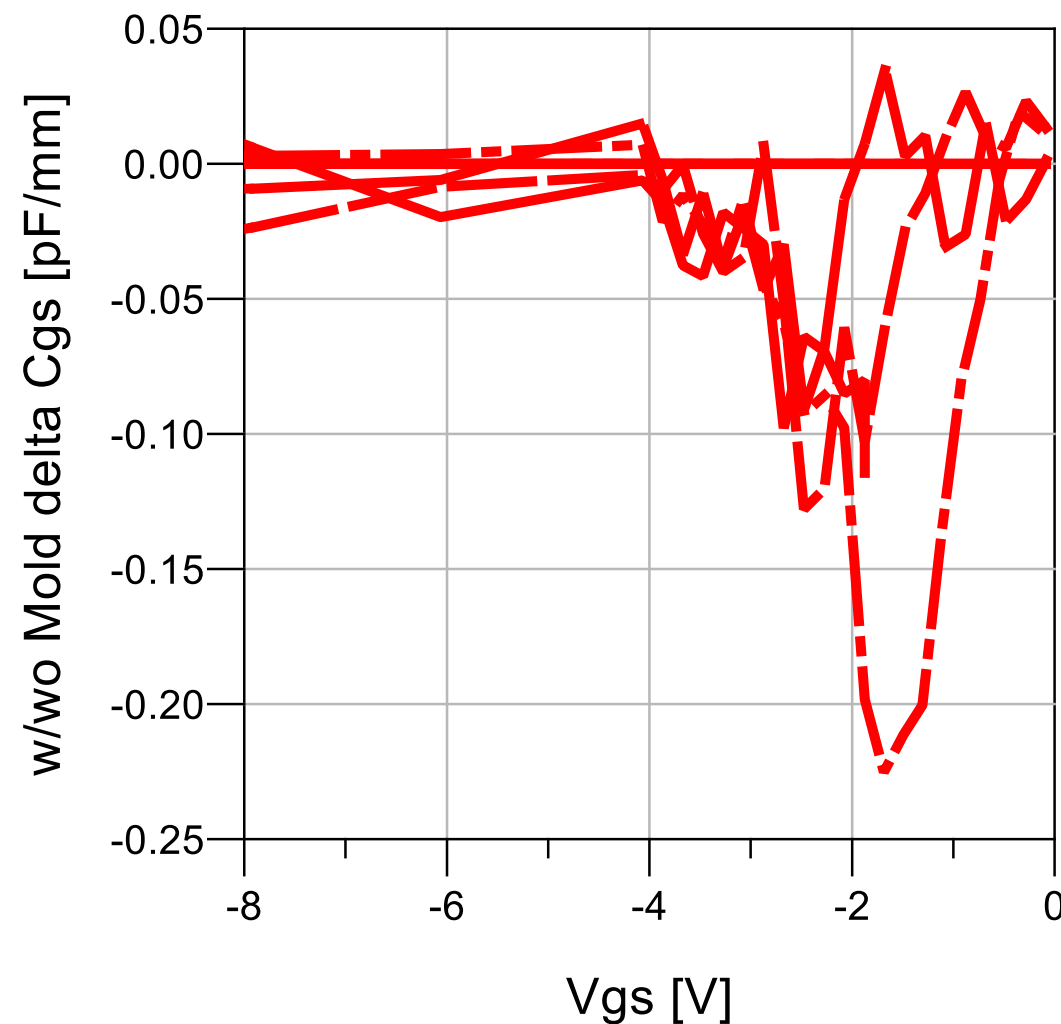
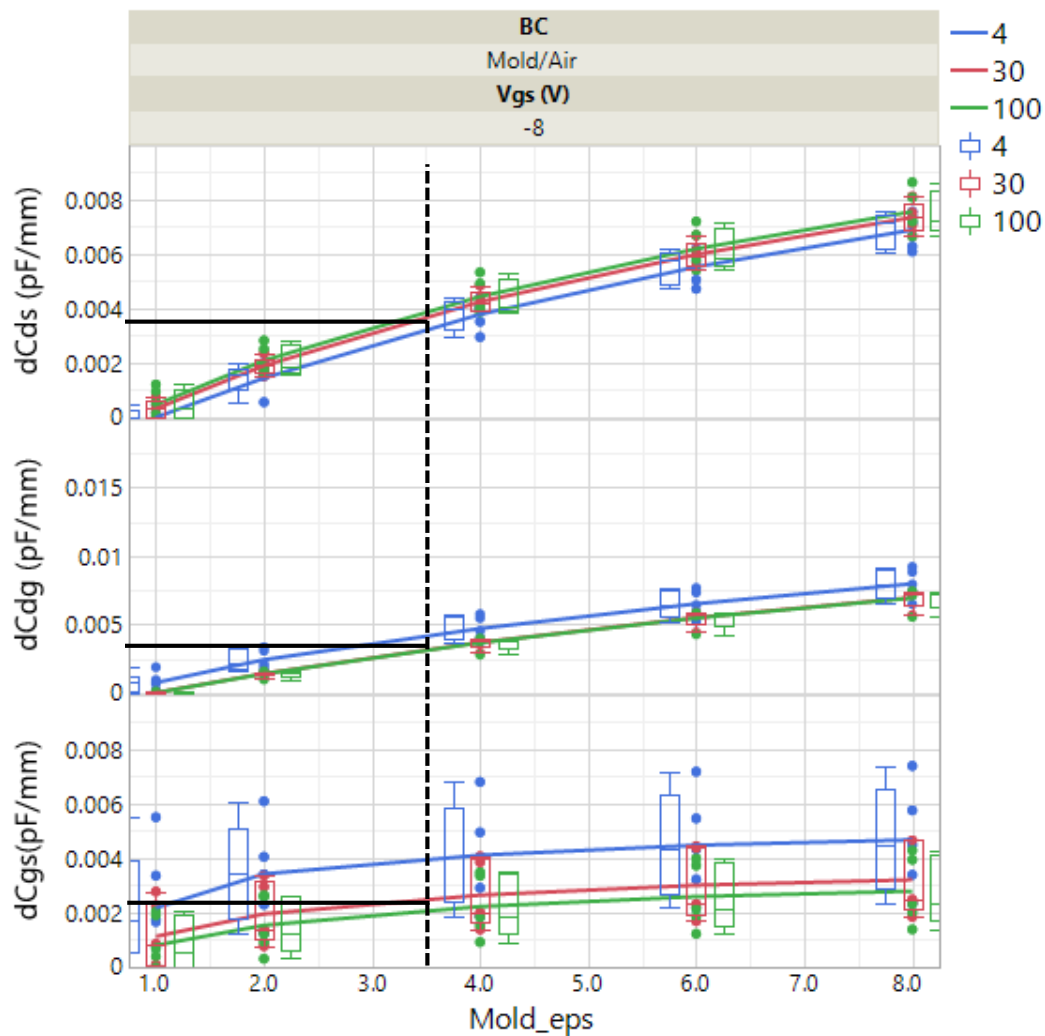
RFGaN-C1 mold impact from TCAD (C. Eckl)



Meas
Meas + Mold
(Dash)
V1.5 Model



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





Part of your life. Part of tomorrow.