

# PD55008E

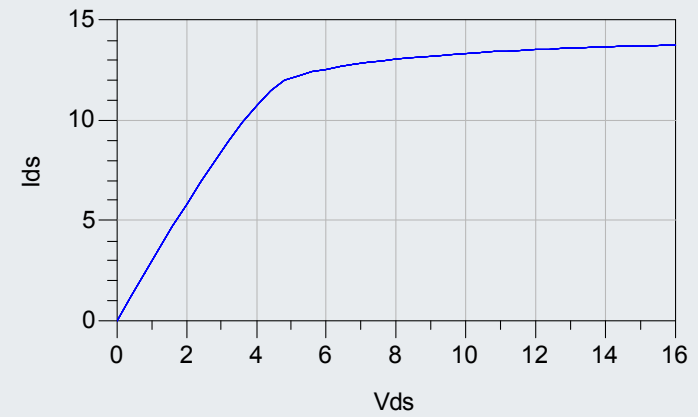
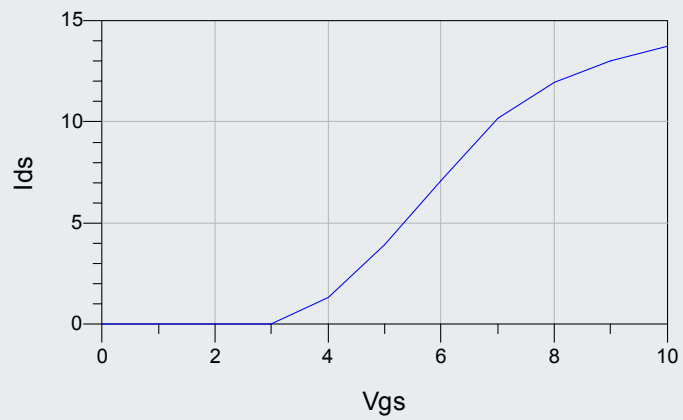
## Model Information



Quakertown , PA  
Qtn-jp-300-rev0  
November 14 , 2007

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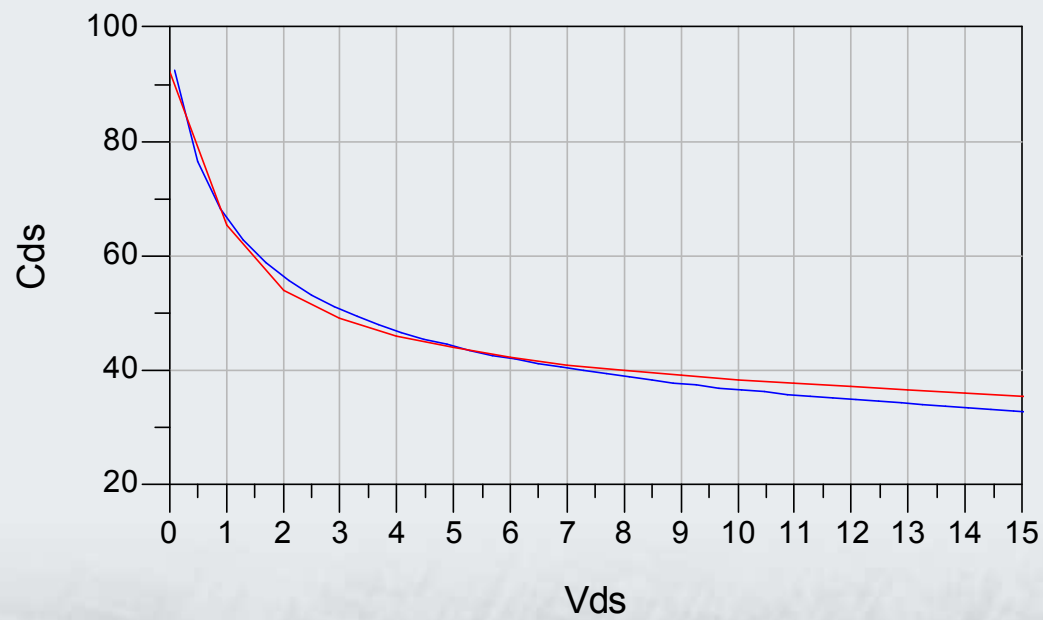
## DC



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## C<sub>ds</sub>

measured = red



**HARMONIC BALANCE**

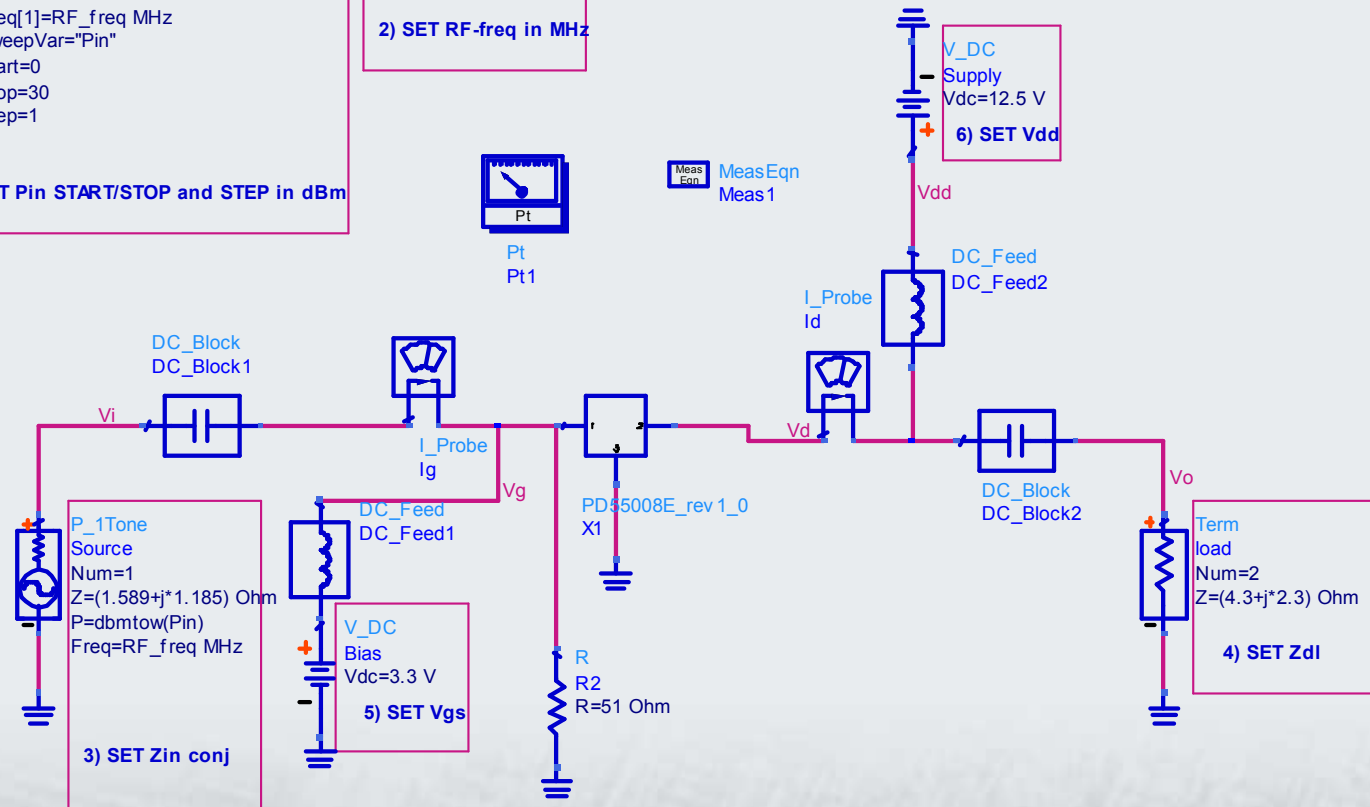
HarmonicBalance  
HB1  
Freq[1]=RF\_freq MHz  
SweepVar="Pin"  
Start=0  
Stop=30  
Step=1

1) SET Pin START/STOP and STEP in dBm

VAR  
VAR1  
RF\_freq=500

2) SET RF-freq in MHz

STMicroelectronics  
ADS2005A  
RF LARGE SIGNAL template\_REV\_0  
John Pritiskutch\_ST\_QUAKERTOWN  
March 30 2006

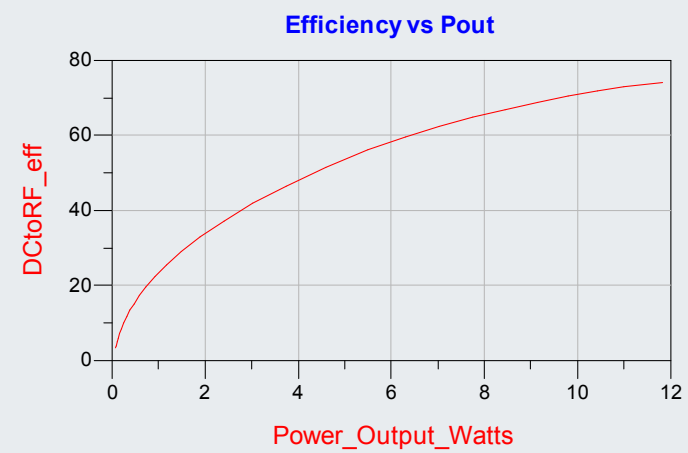
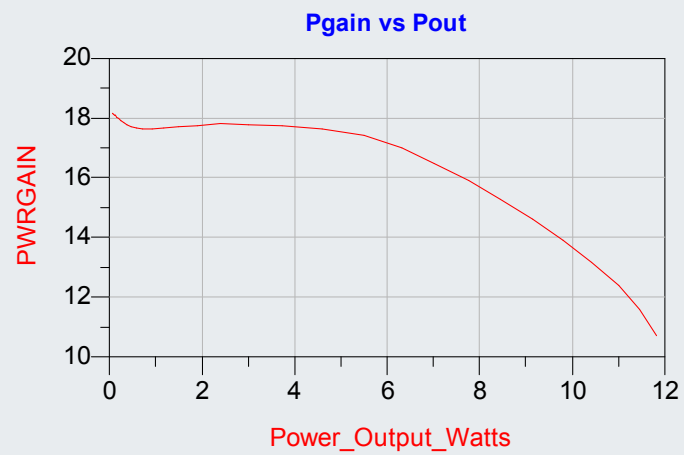


Large Signal ADS analysis template



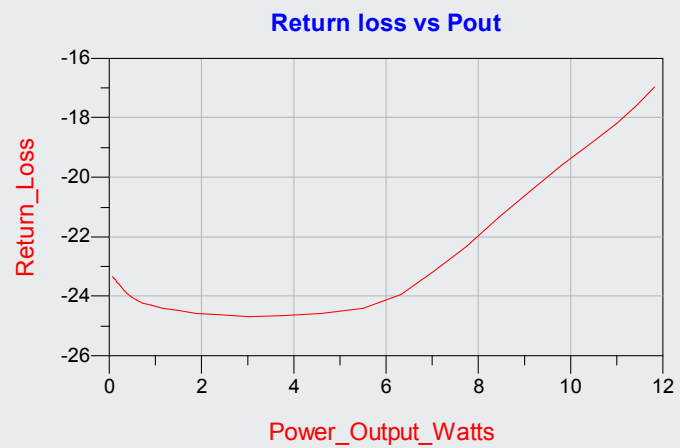
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## 500 MHz Large Signal RF

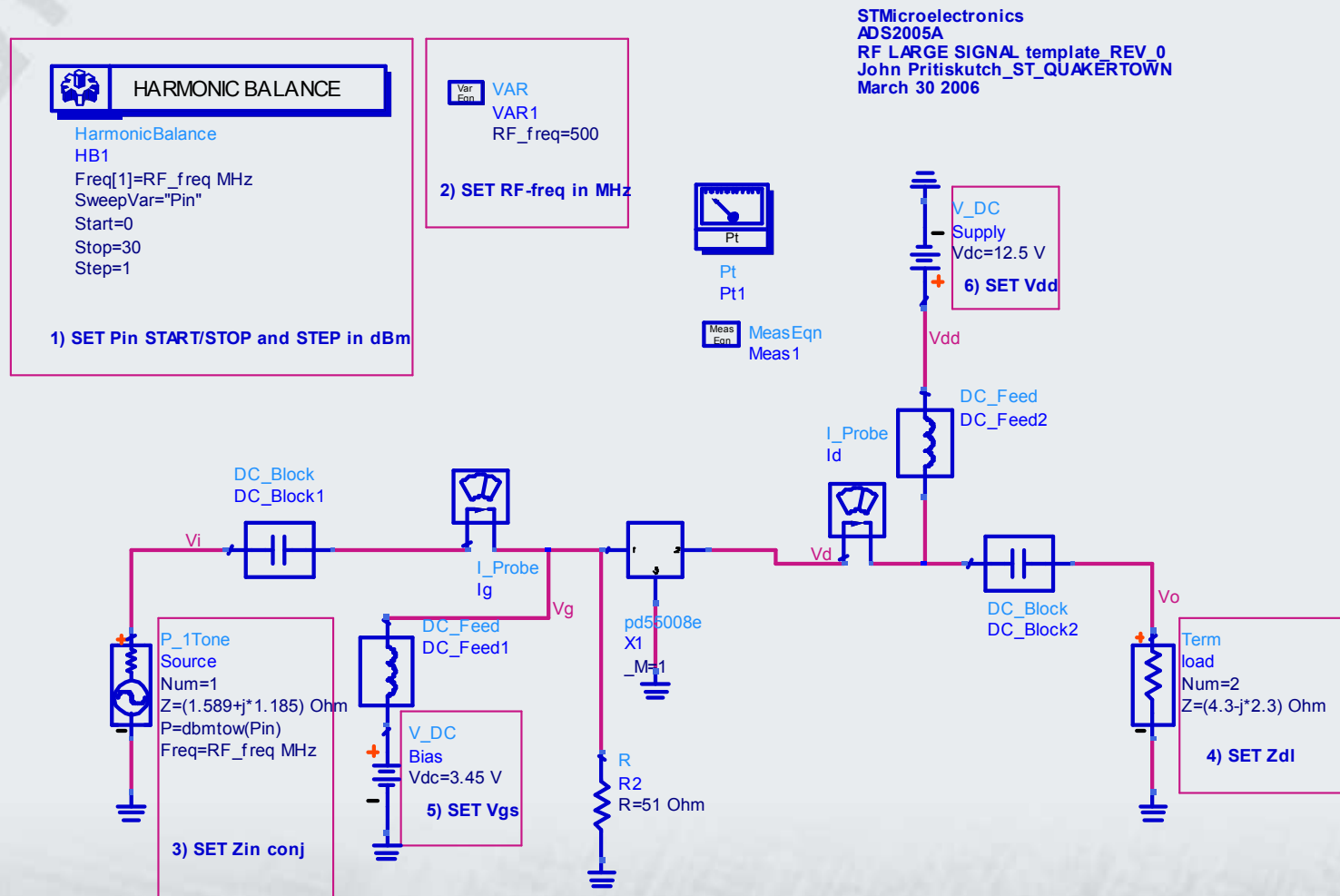


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## 500 MHz Large Signal RF







Example of imported netlist attached to large signal template