

Update 2017/08/01

New feature: a combined temperature-voltage sweep can be done using the keyword “Temperature-Voltage” in the field <SweepType> of <SweepParameters> (see the example of code below). In this case, the simulation can be parallelized. <Threads> defines the number of parallel threads. Its optimal value should be the number of cpu cores available (if the available memory is sufficient) . Within each parallel temperature sweep, a serial voltage sweep is performed.

```
<SweepParameters>
  <SweepType>Temperature-Voltage</SweepType>
  <MinV> 50</MinV>
  <MaxV> 60</MaxV>
  <DeltaV> 2</DeltaV>

  <MinT> 25</MinT>
  <MaxT> 300</MaxT>
  <DeltaT> 25</DeltaT>

  <Threads>12</Threads> <!-- Parallelization for Temperature-Voltage sweep
-->
</SweepParameters>
```

Note that for such voltage-temperature sweep, <Maximum_Number_of_Threads> should be set to 1 (combined parallelization will result in lower performances)

```
</Simulation_Parameter>
...
<Maximum_Number_of_Threads>1</Maximum_Number_of_Threads>
</Simulation_Parameter>
```

 At the end of the simulation, current and gain maps can be displayed. 

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