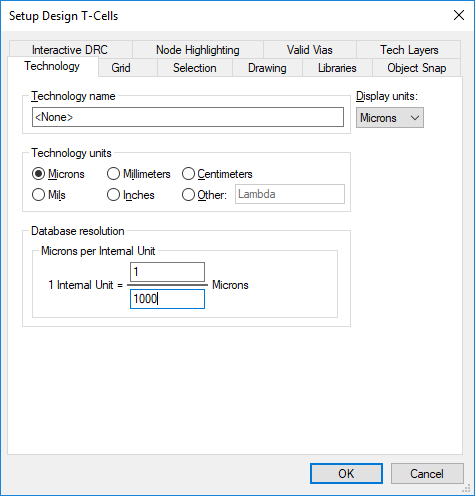
# Internship T-Cell.tdB review

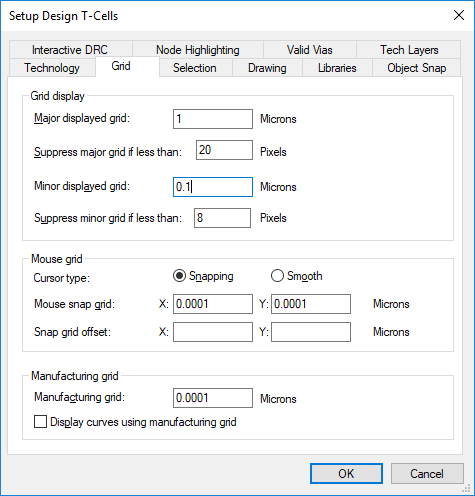
## 2019-05-27 Review

## General comments:

Please increase internal unit database to 1/10000



Recommandation for grid setting on WG layers



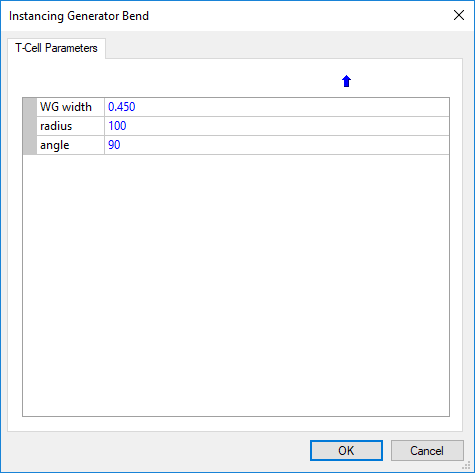
### T-Cells comments

#### Waveguide

* N/A

#### Bend

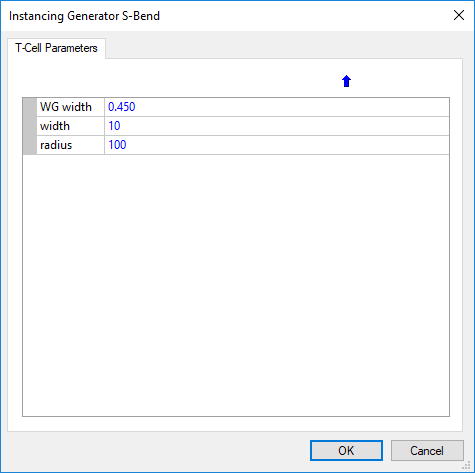
* Parameters

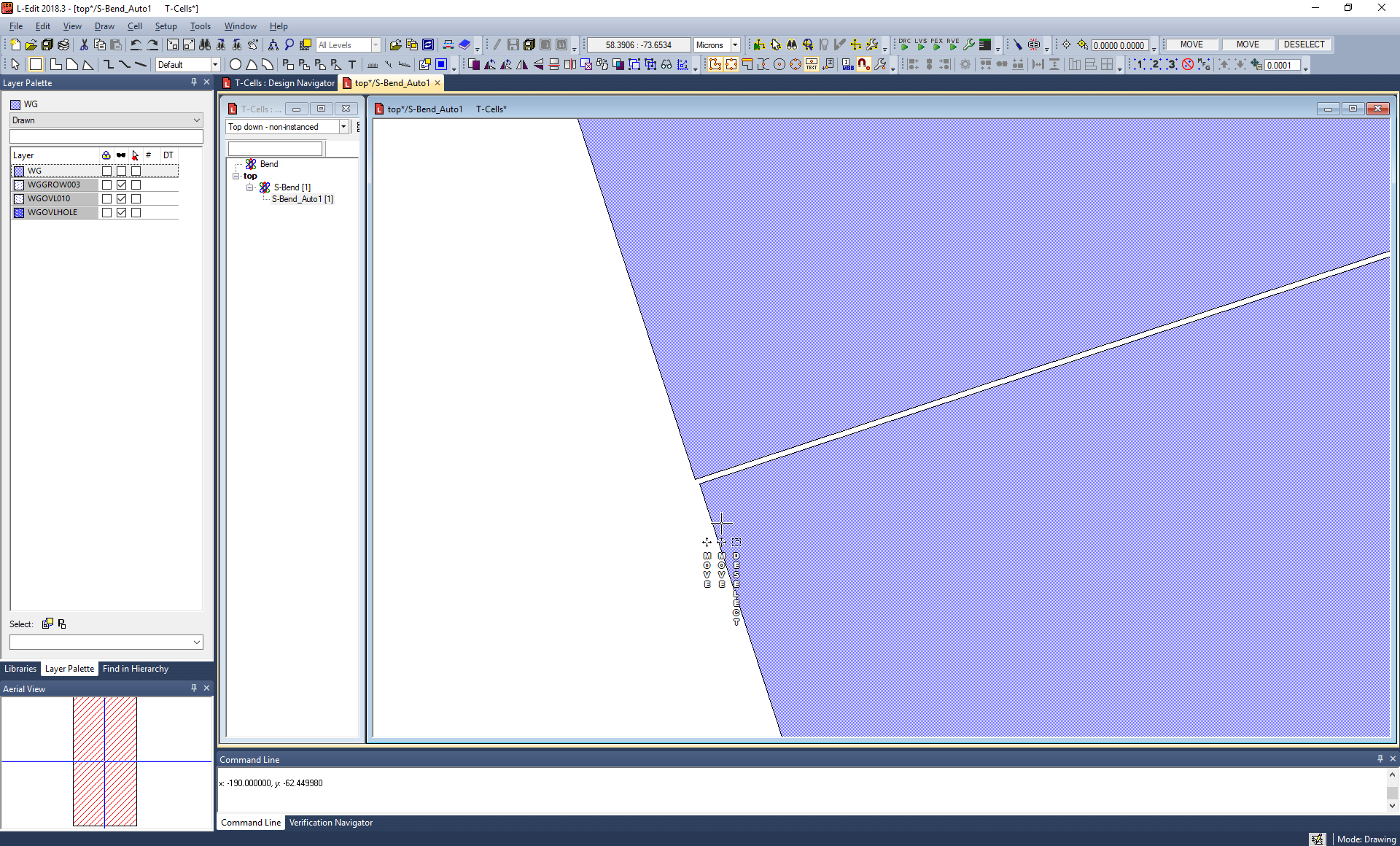


* ~~For the next version:~~
  + ~~Raster the WG layer~~
  + ~~Parameter add~~ 
    - ~~WGGROW width dimension (3µm) – not to include WG width~~
    - ~~WGOVL width dimension (10µm) – not to include WG width~~
    - ~~Overlay width dimension (1.5µm)~~
  + ~~Place origin at center of bottom waveguide~~
* ~~To investigate (with the help of Tanner):~~
  + ~~Can we change the name of the instance? (i.e Bend450\_R100\_A90\_Raster)~~

#### S-Bend

* Parameters



* For the next version:
  + ~~Raster the WG layer~~
  + ~~Parameter add~~ 
    - ~~WGGROW width dimension (3µm) – not to include WG width~~
    - ~~WGOVL width dimension (10µm) – not to include WG width~~
    - ~~Overlay width dimension (1.5µm)~~
  + ~~Place origin at center of bottom waveguide~~
* To investigate (with the help of Tanner):
  + Can we change the name of the instance? (i.e. SBend450\_R100\_w10o0\_Raster)
* Issues:
  + Small gaps in waveguide junction. 
  + Might not be present after raster