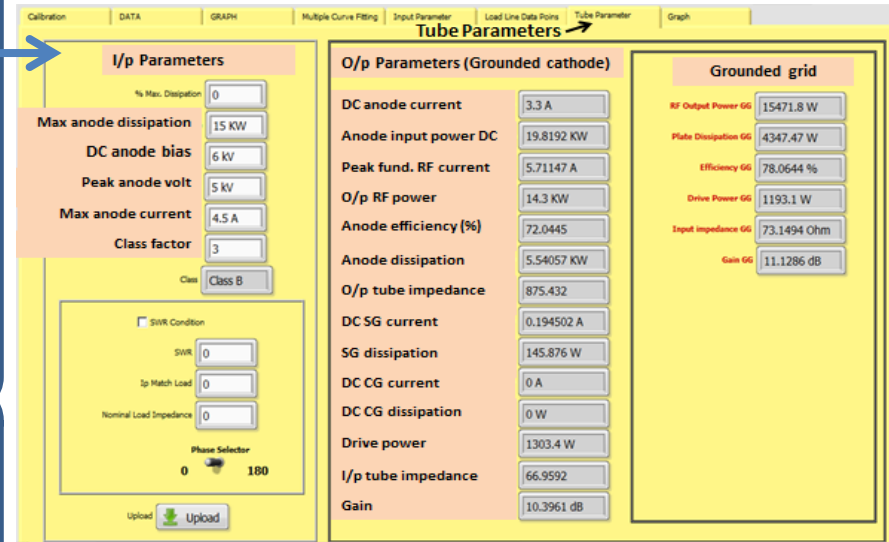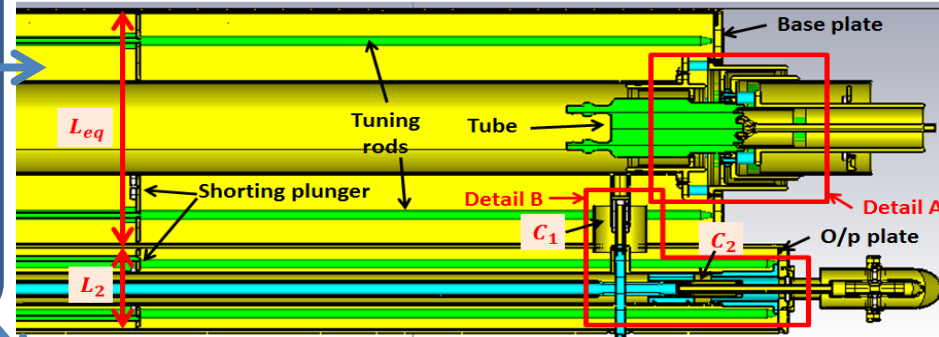## Development completed

- Tetrode Tube Calculator code
- LabVIEW base code
- Inputs: constant current characteristic curve, biasing point, class factor
- Calculates tube parameters

Development ongoing

- Output cavity wideband
- Two "L networks" in series
- Contains: two tunable shorted stubs /two variable cylindrical capacitors
- Response: better than -1dB over $\pm$2MHz about any center frequency

Developments to be performed

- Detailed simulation of output cavity
- Detailed design of input cavity to achieve wideband response