

Multi mode interferometer 2x2 Week 3

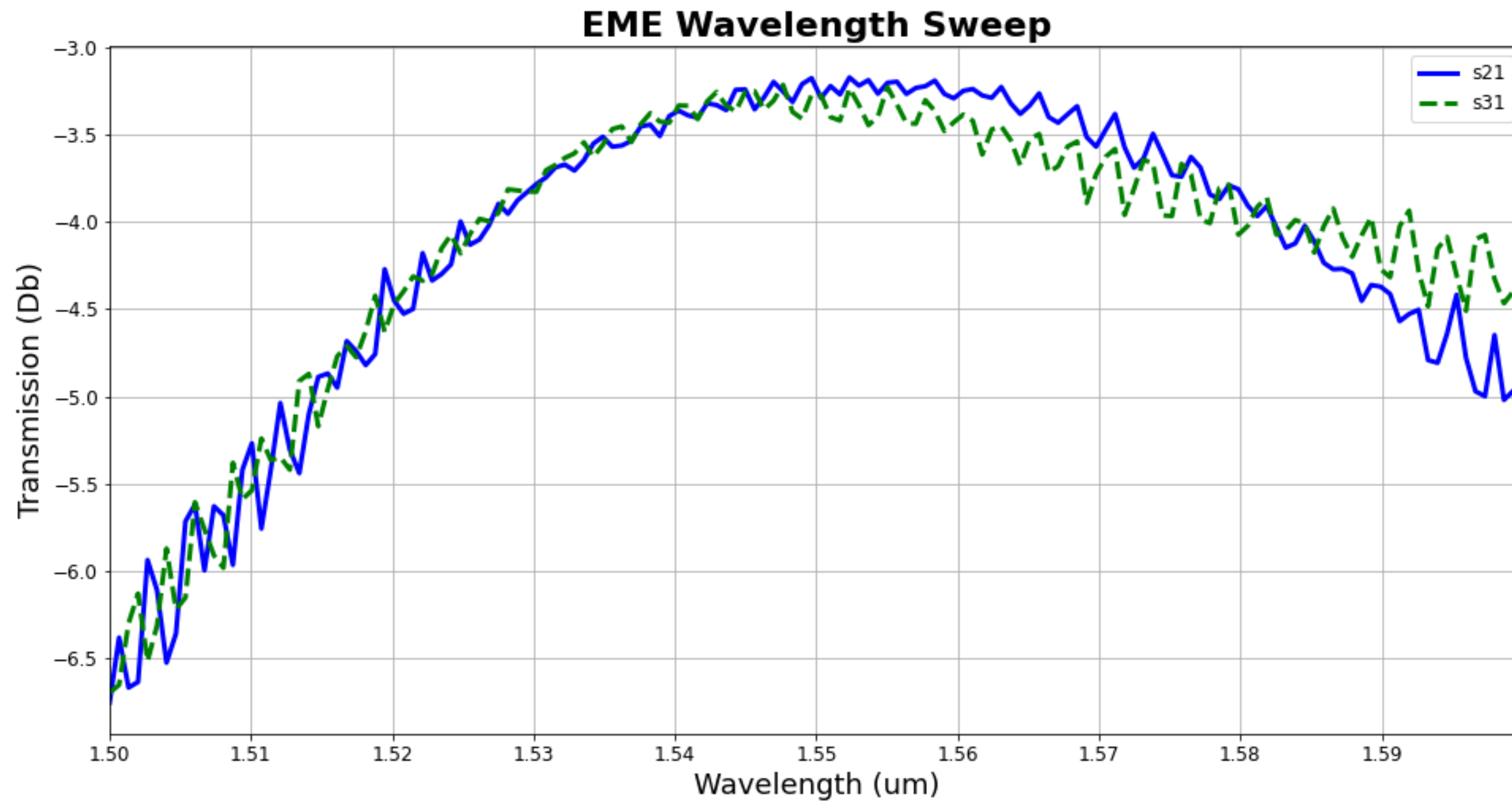
AUTHOR:

Leonardo Pessoa

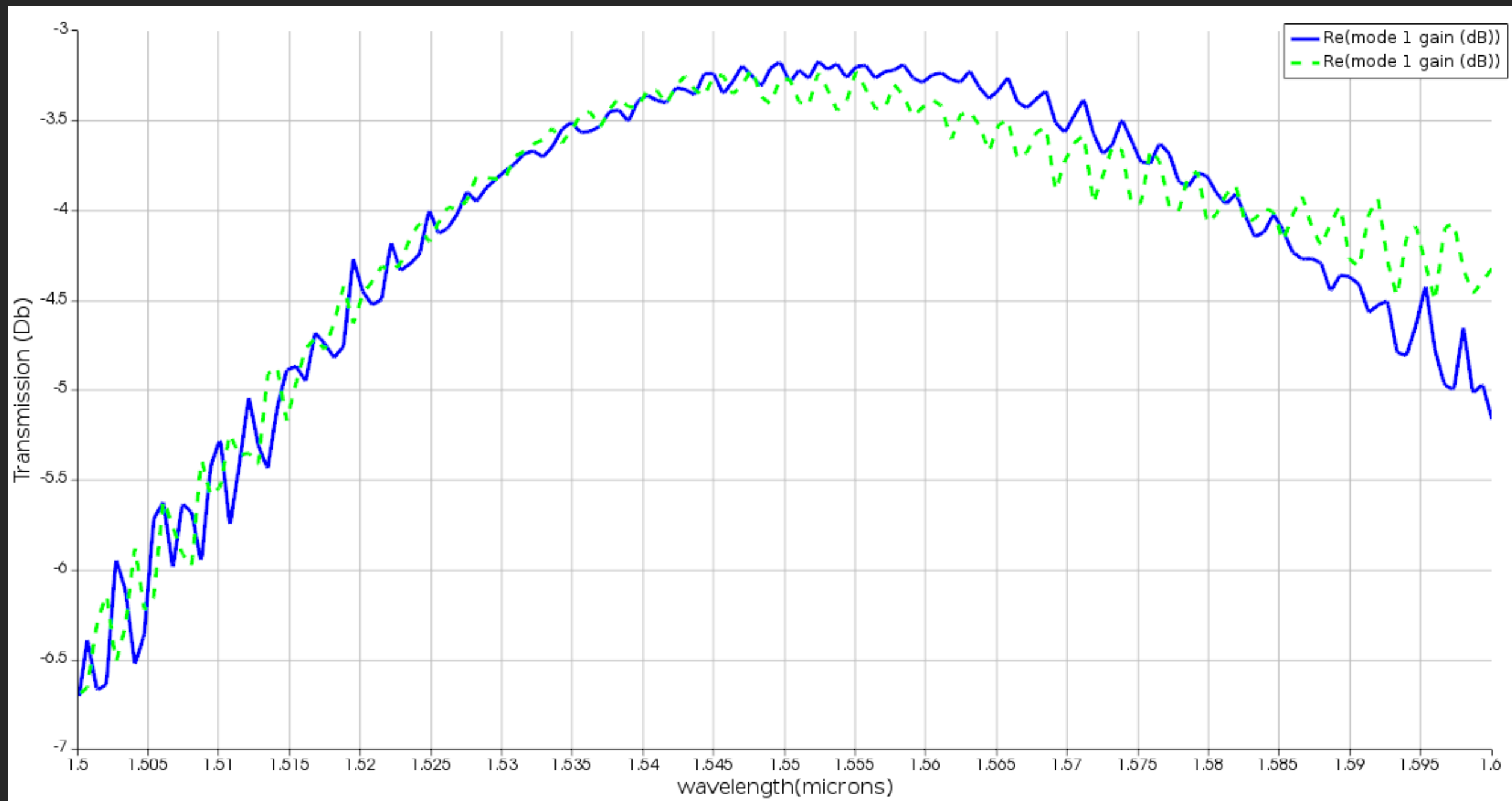
Progress Done

- 1 EME MESH CONVERGENCE
- 2 EME TEMPERATURE SWEEP
- 3 PYTHON API FILESAVING TEST
- 4 OPTIMIZATION PROCESS FINISHED
- 5 IMPORT TO INTERCONNECT

Wavelength Sweep



Wavelength Sweep (Interconnect)



Conclusion

Interconnect Results

In this week, i tryed to optimize my resuts (with the mesh cells sweep), check the temperature variation and then replicate it on Interconnect. As we can see, the results are the same as in lumerical mode.