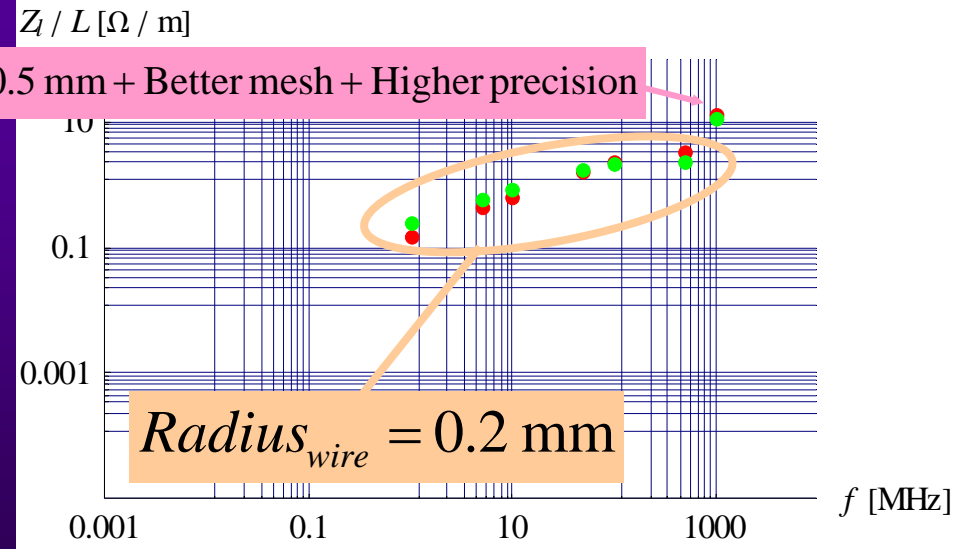
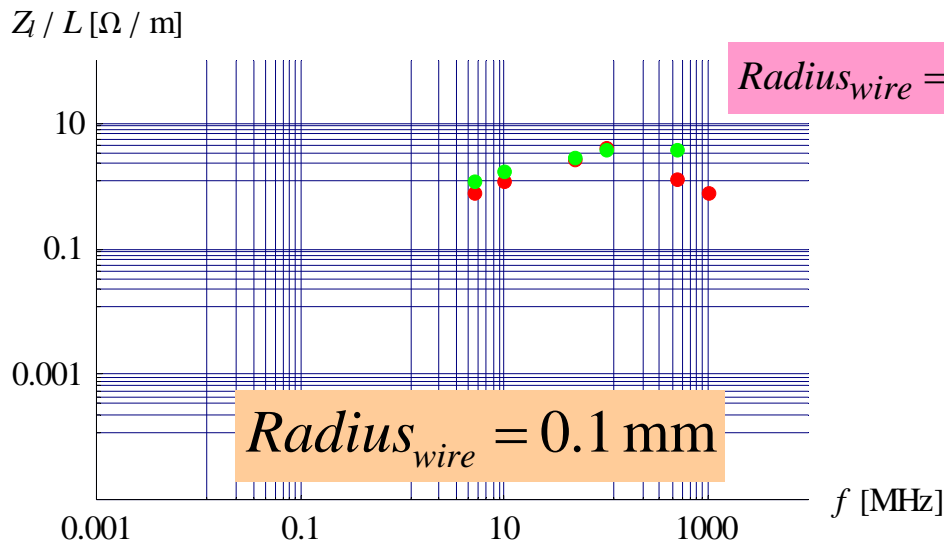
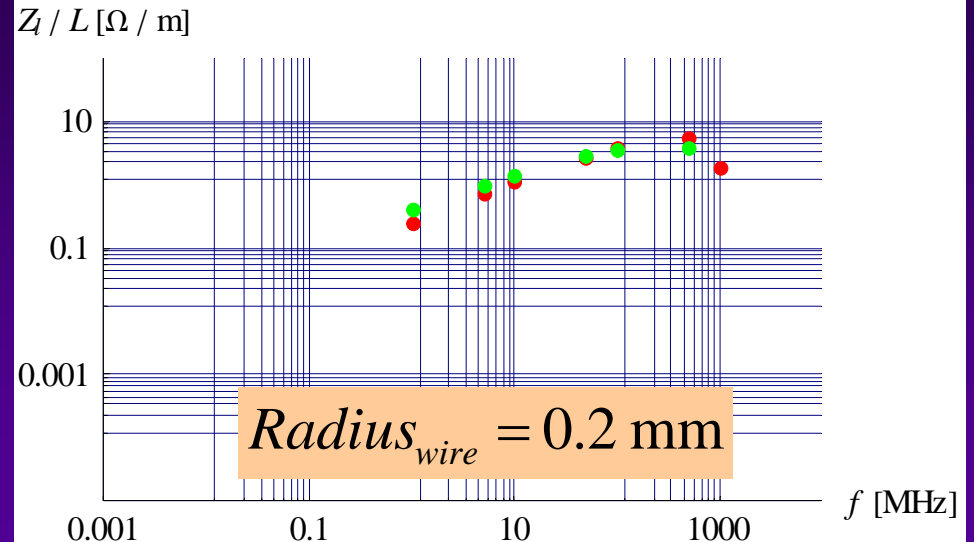
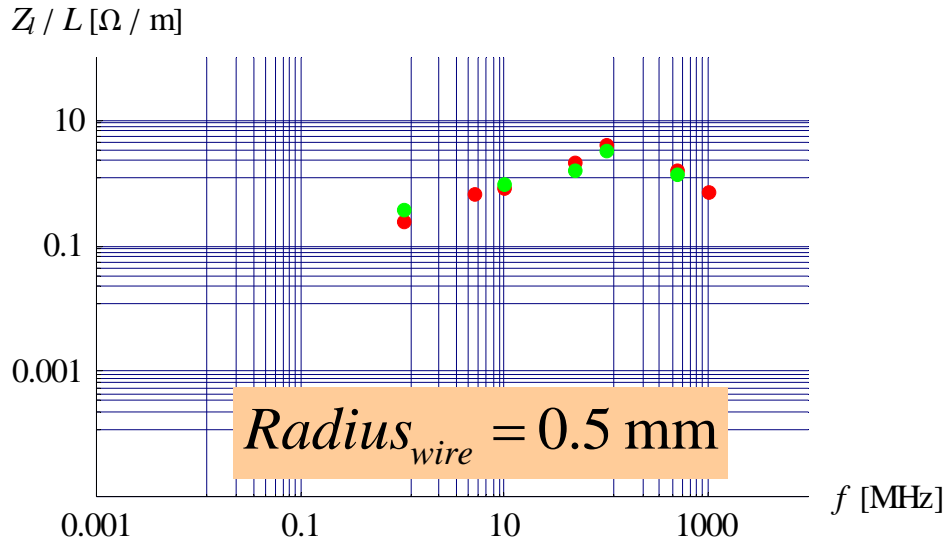


FOLLOW UP HFSS SIMULATIONS OF THE LHC COLLIMATORS

E. Métral

- ◆ **Very good agreement between the analytical formula for the characteristic impedance and the value computed with HFSS (for longitudinal)**

LONGITUDINAL IMPEDANCE



Next step

- ◆ **Re-launch the simulations for a wire radius of 0.2 mm, and higher precision (key ingredient) \Rightarrow One should then recover the same results as Tsutsui**