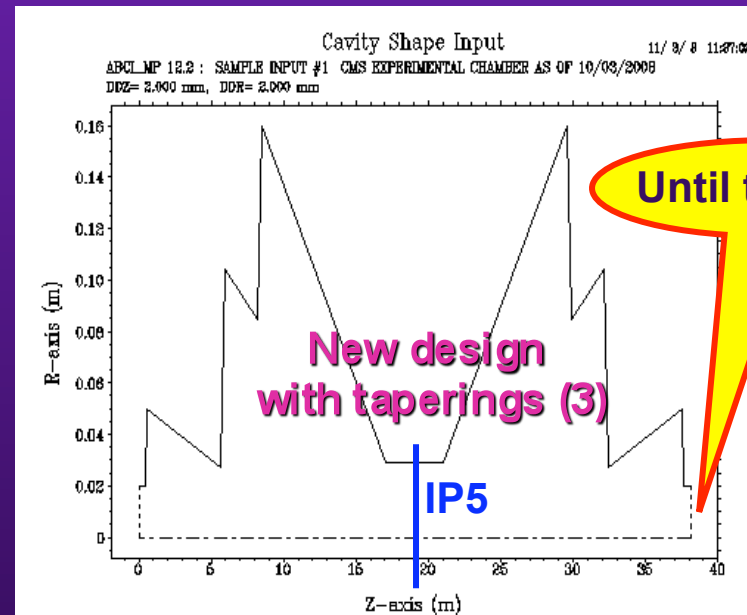
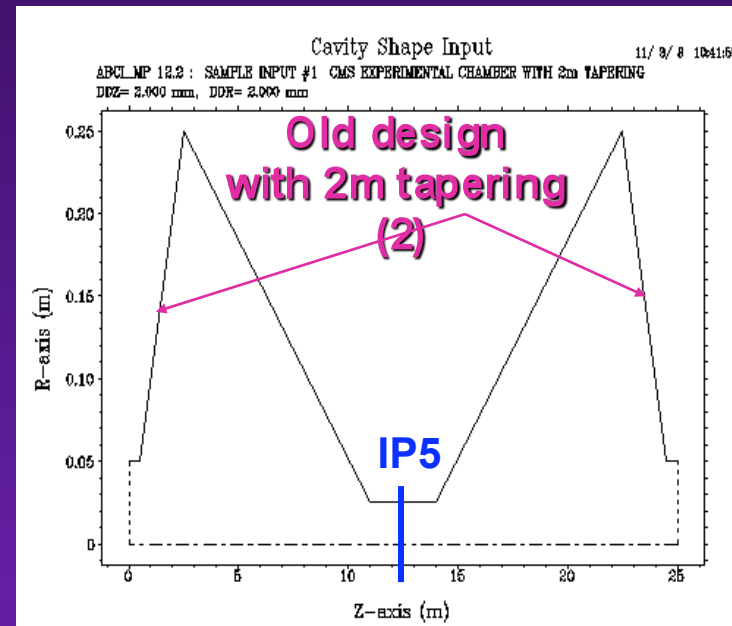
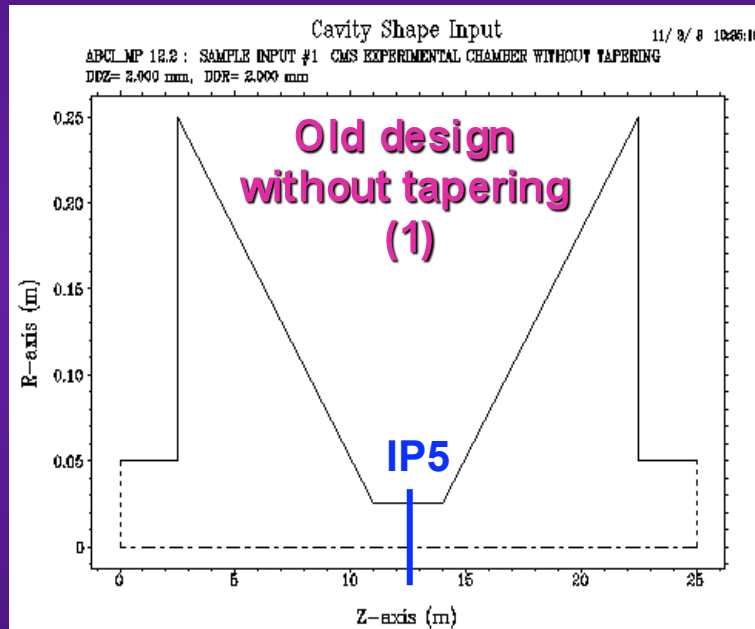


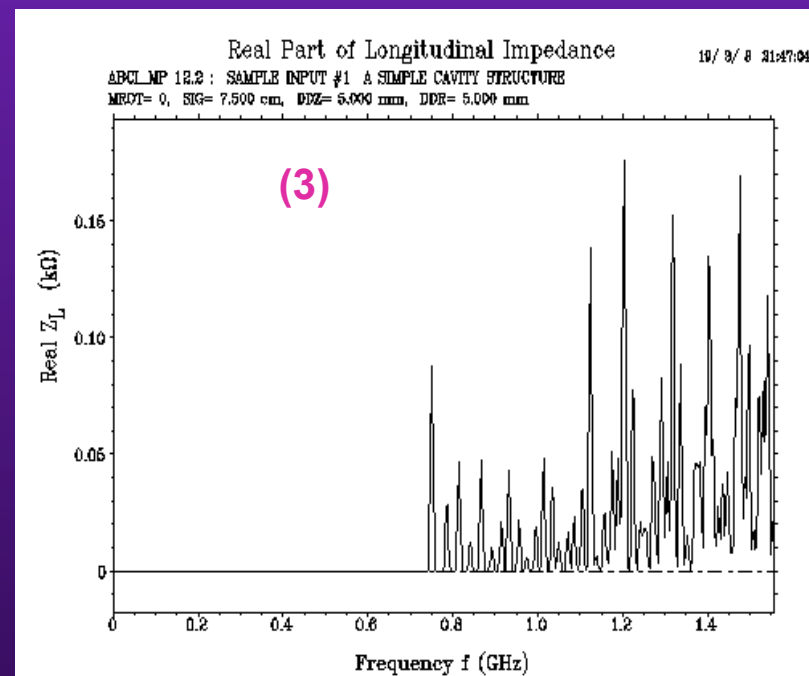
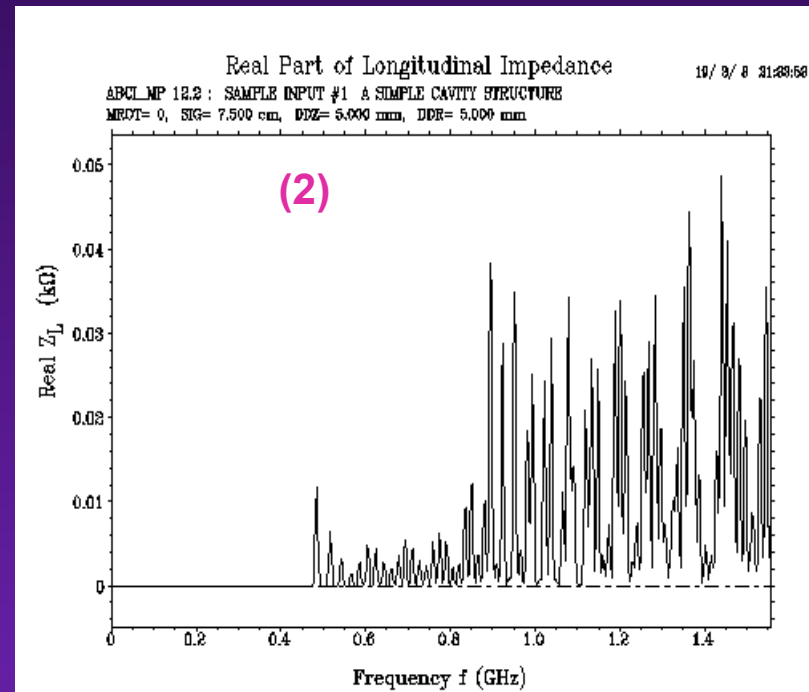
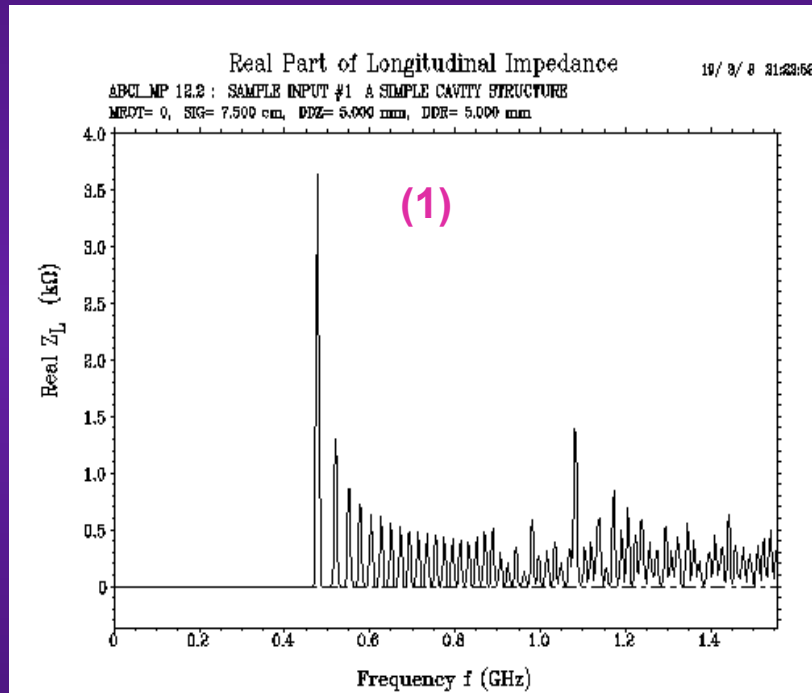
TRAPPED MODES FOR THE CMS EXPERIMENTAL CHAMBER USING ABCI

E. Métral

REMINDER ON THE DESIGNS



REAL PART OF THE LONGITUDINAL IMPEDANCE



CONCLUSION

- ◆ The resonance frequency of the 1st mode is shifted as expected from something between 450 and 500 MHz to ~ 750 MHz (when the larger beam pipe radius reduces from 25 cm to 16 cm)
- ◆ However, we do not have the values of the shunt resistance and Q-values of the resonances...