

05-Jun-08: Building 252 measurements with stand alone jaws and a collimator assembly

Plots in the next page:

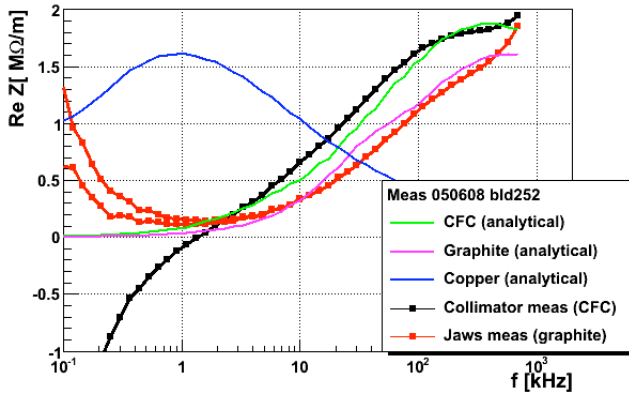
- 3 half gaps: 3mm, 4mm, 5mm (7mm and 10mm not plotted yet)
- right plots: DUT - REF
- left plots: DUT
- theory with one of elias's/benoit's mathematica notebooks, putting:
 - layer 1 = 2.5cm of material (copper, graphite or CFC)
 - layer 2 = air to infinity

$$\sigma_{graphite} = 10 \cdot 10^{-6} \quad \text{should we use 14? 10 looks good....}$$
$$\sigma_{CFC} = 7 \cdot 10^{-6} \quad \text{good!}$$

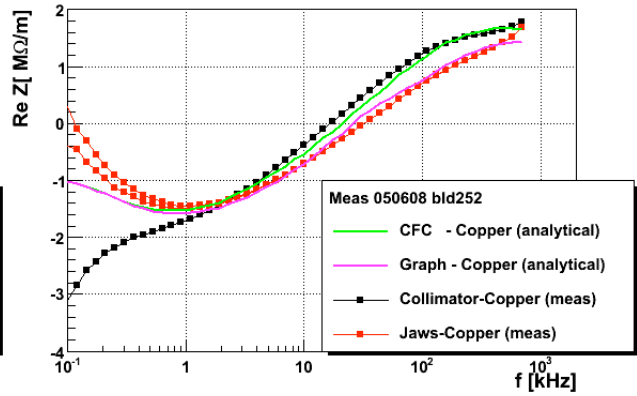
- Measurements with Jaws look really good
- Collimator meas at 3mm and 4mm rather good!
- Collimator meas at 5mm (the first measurement we did...) not so good, let's hope we get a better figure with 7 and 10mm

DRAFT RESULTS

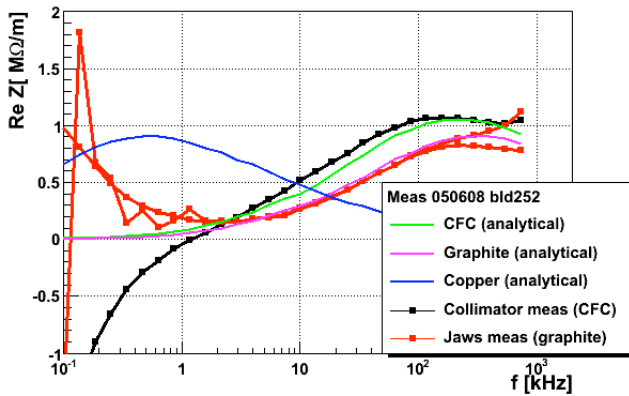
HGAP = 3 mm



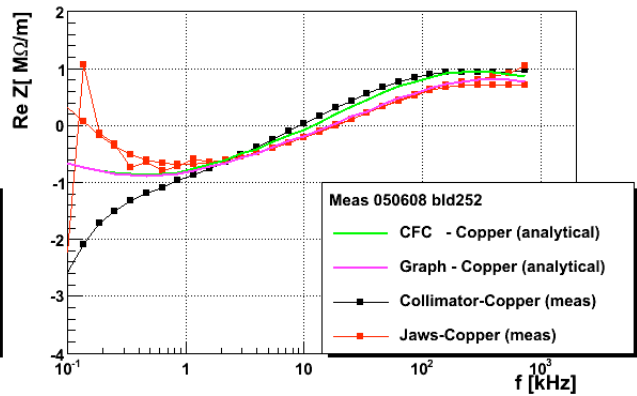
HGAP = 3 mm



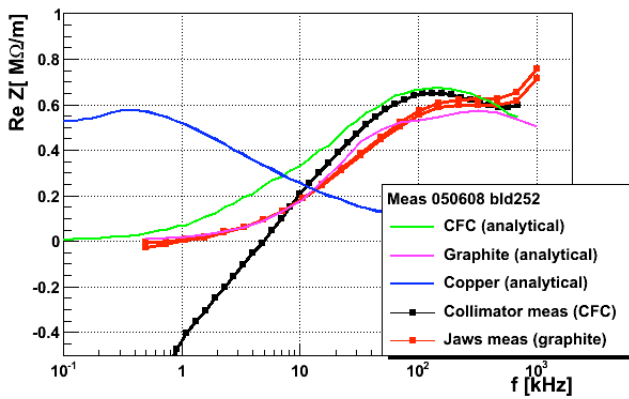
HGAP = 4 mm



HGAP = 4 mm



HGAP = 5 mm



HGAP = 5 mm

