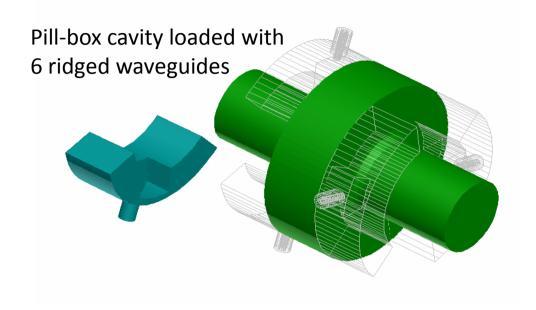
# KICKER FOR THE DAFNE LONGITUDINAL BUNCH-BY-BUNCH FEEDBACK



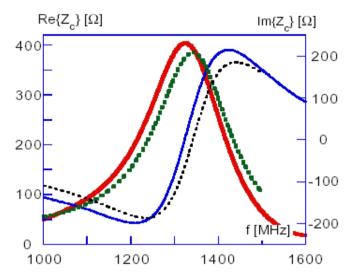
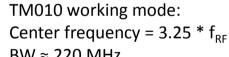
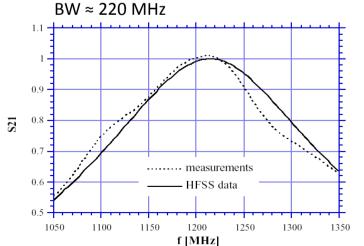
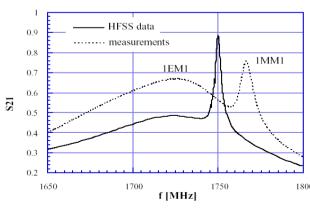


Figure 10: Coupling impedance of the longitudinal feedback kicker. (thick lines: resistive part of impedance, thin lines: reactive part; solid lines: wire measurements, dotted lines: HFSS wire method simulations).



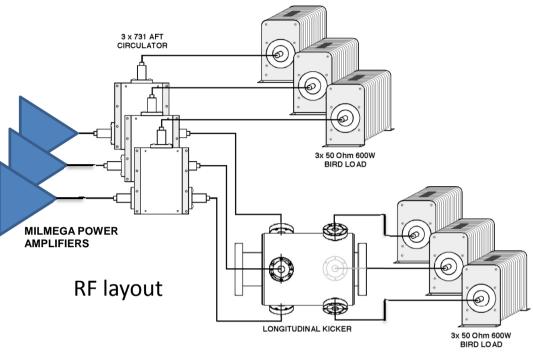


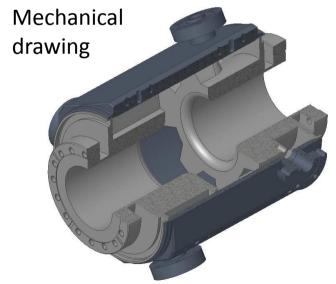
#### wgs also strongly damp HOMs

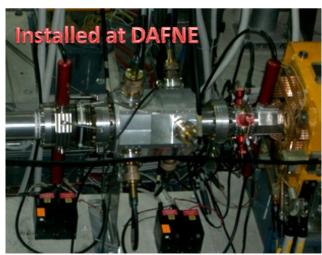


F. Marcellíní

# KICKER FOR THE DAFNE LONGITUDINAL FEEDBACK

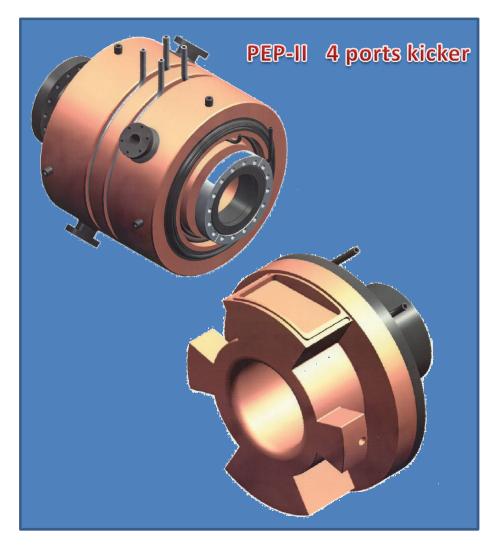


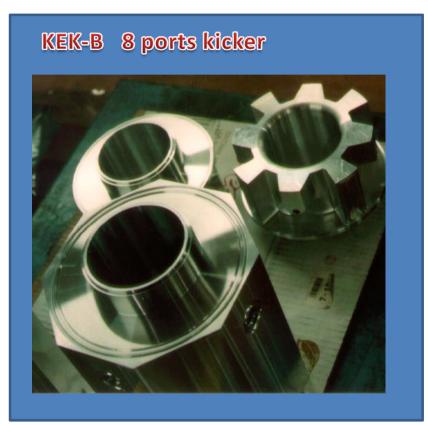




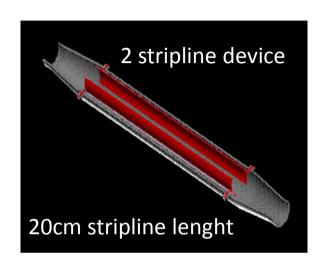
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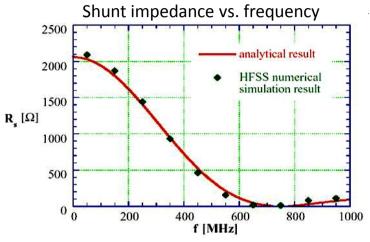
### **SIMILAR KICKERS USED IN B FACTORIES**

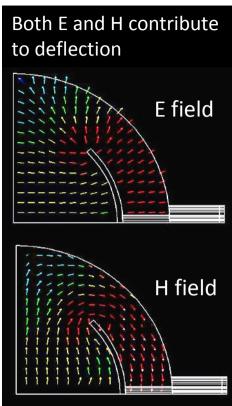


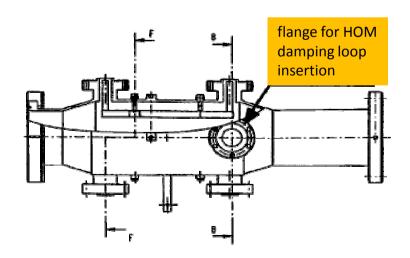


## KICKER FOR THE DAFNE TRANSVERSE BUNCH-BY-BUNCH FEEDBACK









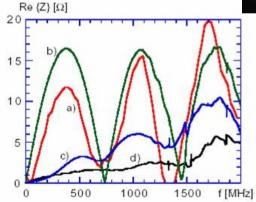


Figure 11: Transverse feedback kicker measurements: a) beam coupling impedance; b) upstream port transfer impedance; c) downstream port transfer impedance; d) loop transfer impedance.

F. Marcellíní

