

## **Discussion on "XADS/Eurisol Mechanical Design" by Guillaume Olry**

The tuning forces and sensitivities for the Orsay design were reiterated. The tuner needs to provide 2500 N/mm, which is 40% lower than the simulated value. Olry pointed out that all mechanical simulation results were worse than the measured data. The origin of this systematic deviation are not understood yet.

The tuning sensitivities were reasonably well in agreement with the simulations. MAFIA predicted 800 kHz/mm, while 600 kHz/mm were measured. The MAFIA discretization was selected static to exclude frequency changes due to a changed discretization.