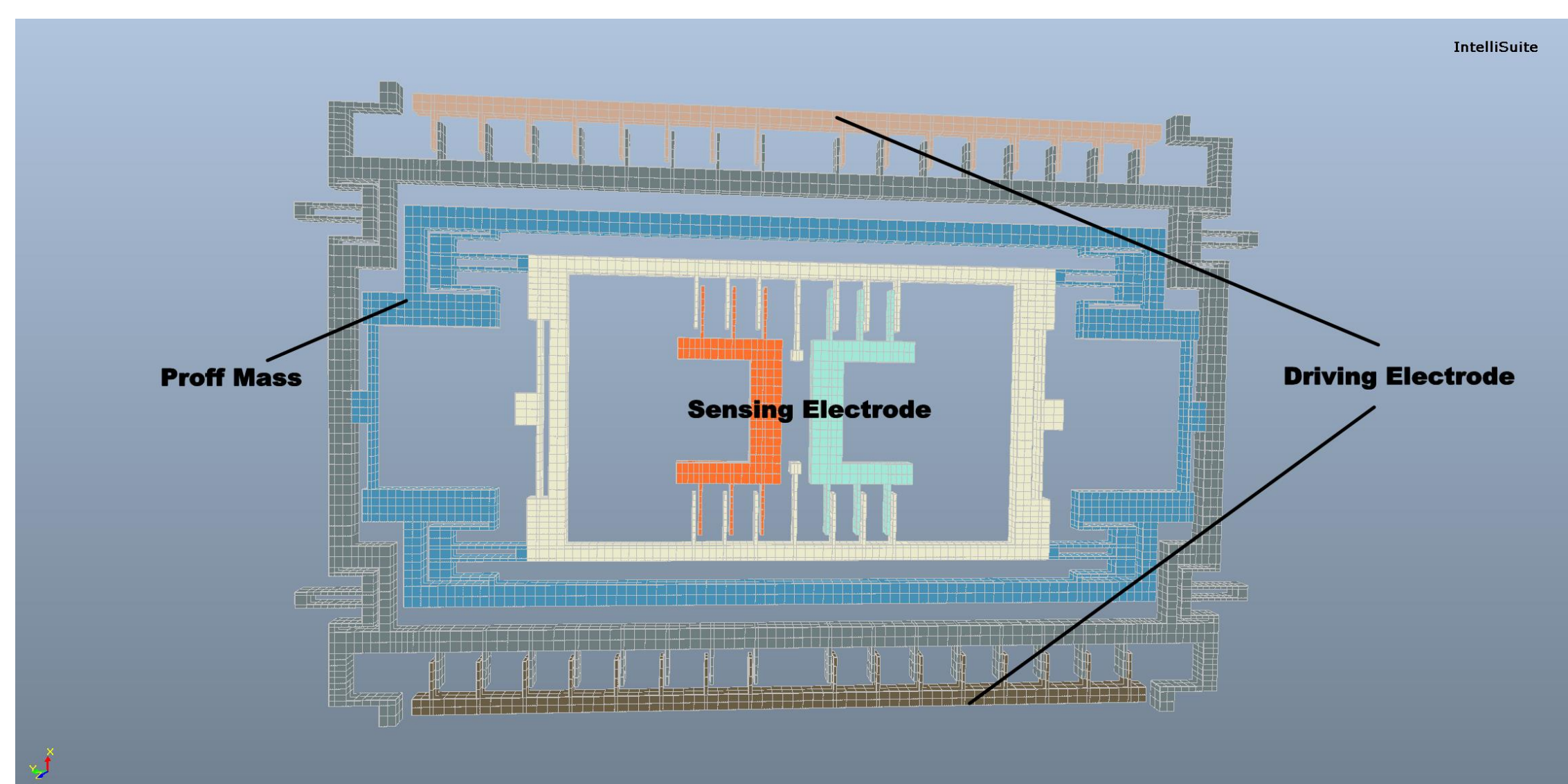
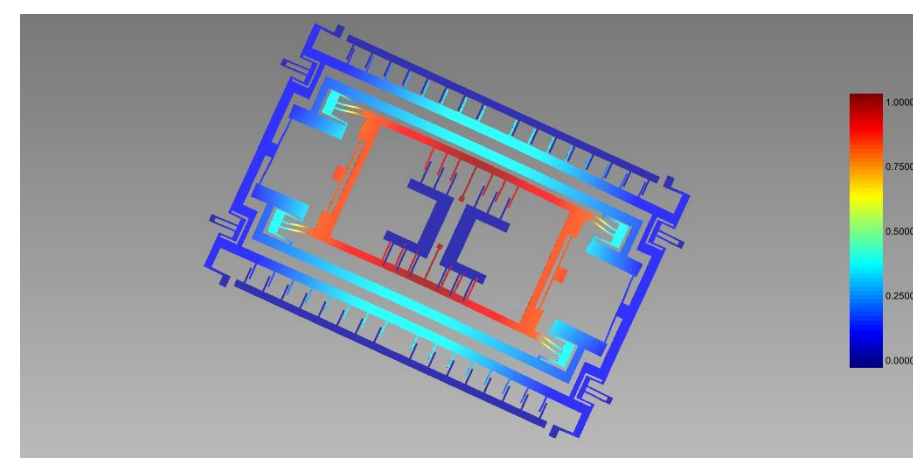




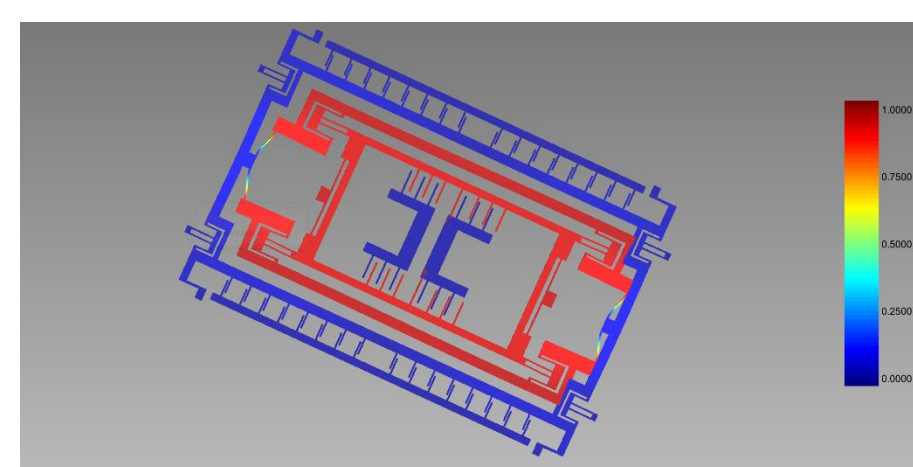
Gyro design and Quadrature error control



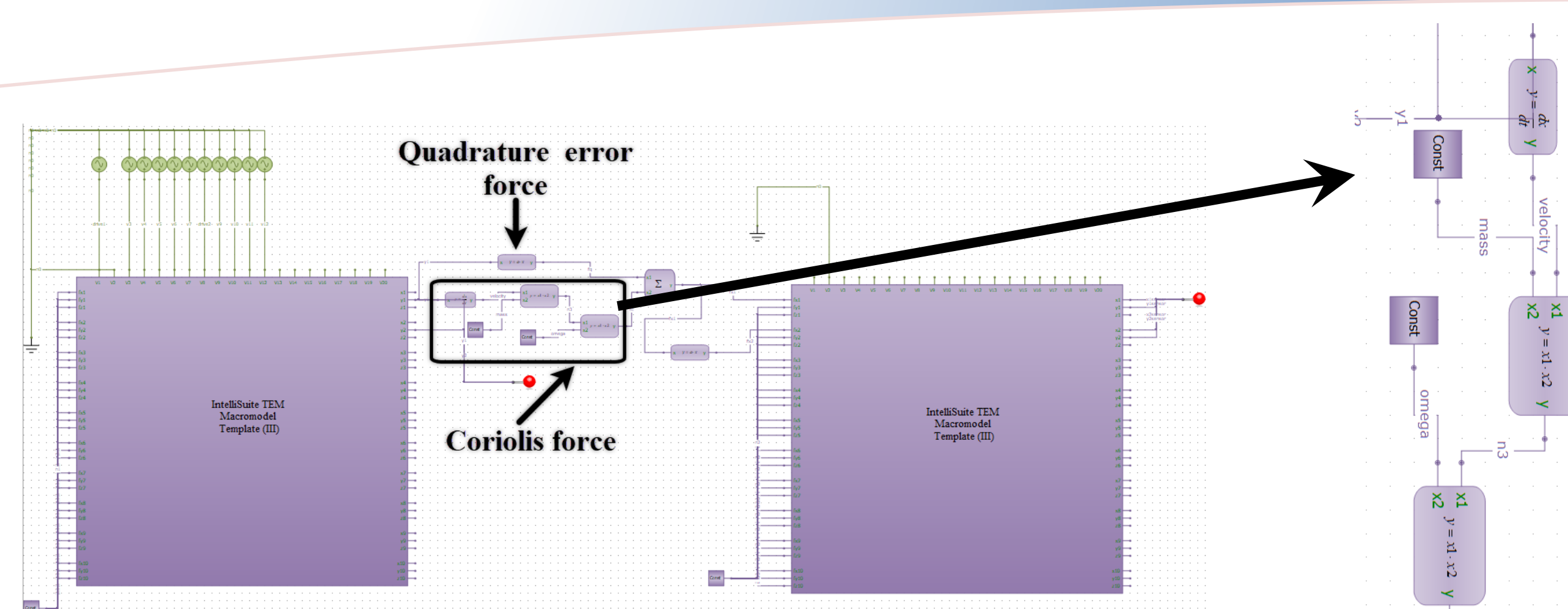
3D gyro FEM model



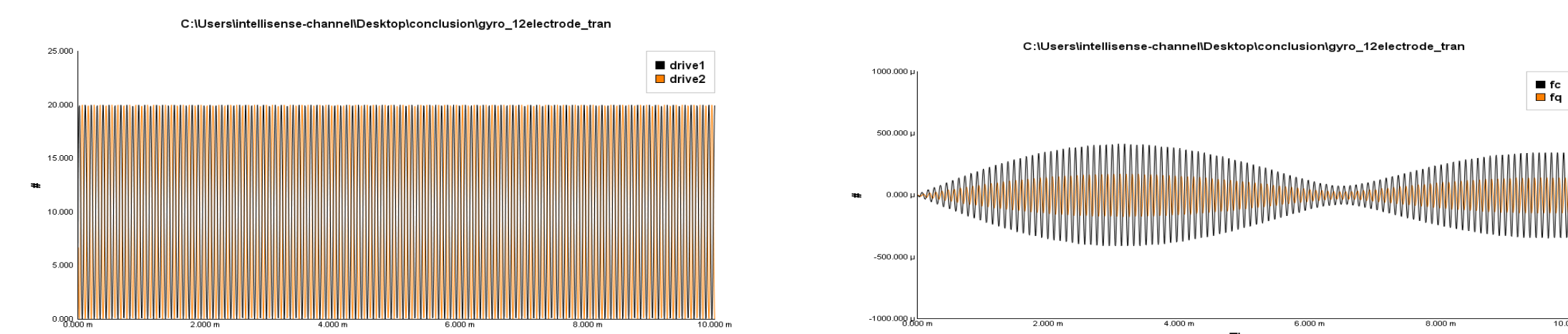
Drive mode



Sense mode

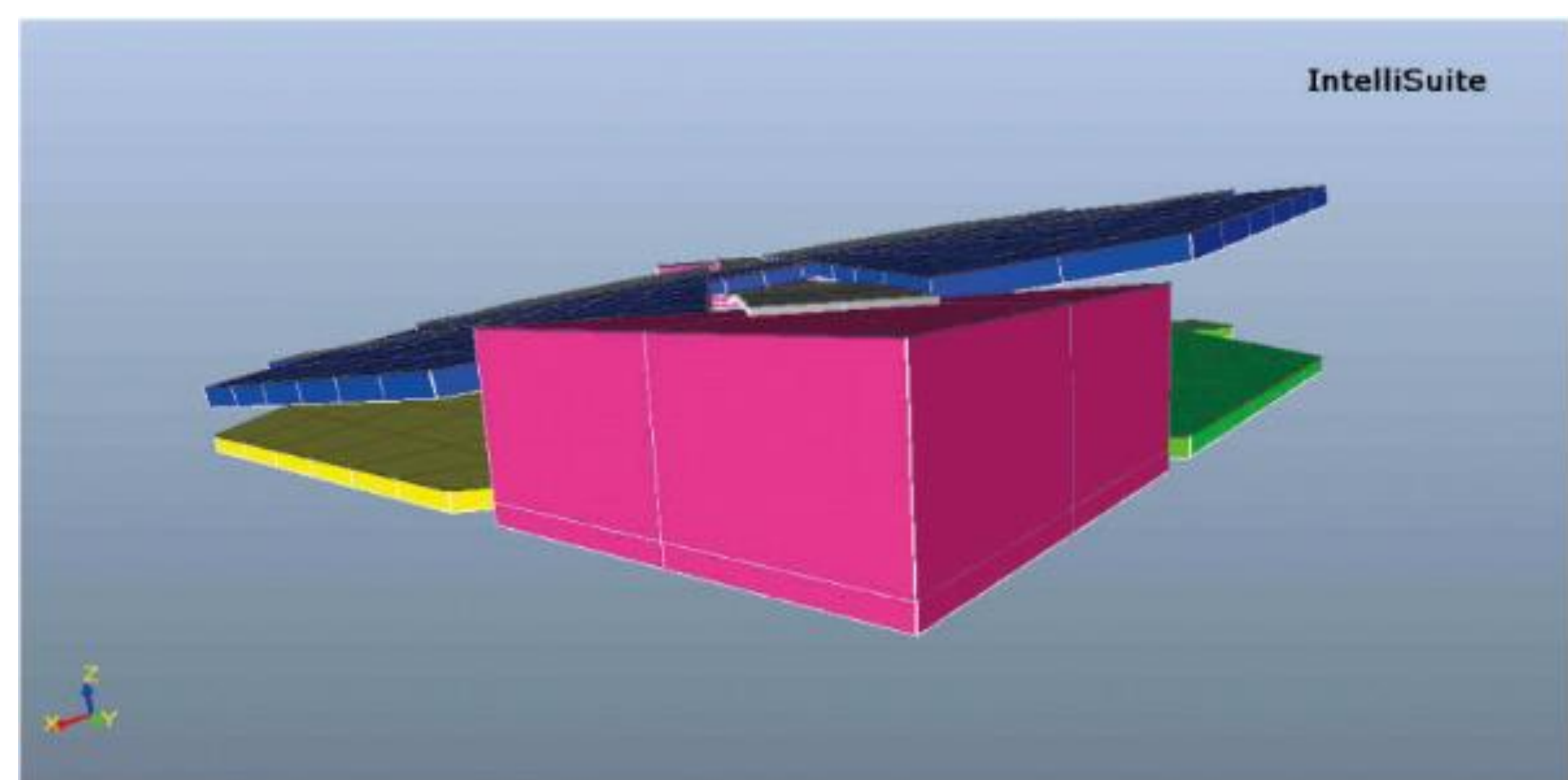


Macro-model for gyro to find the Quadrature error



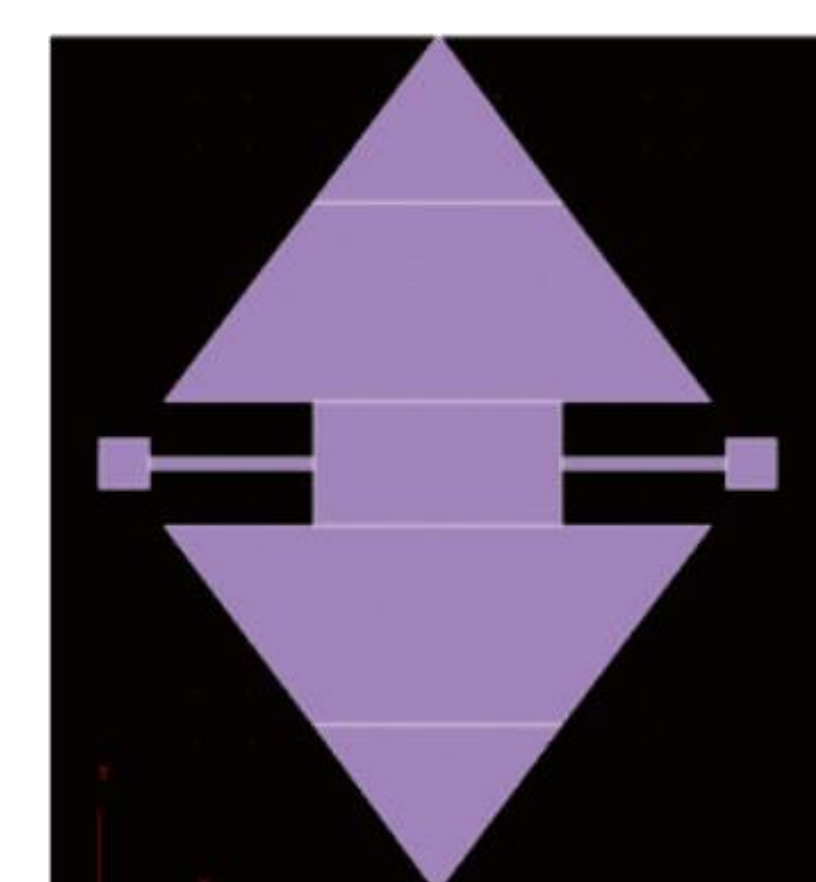
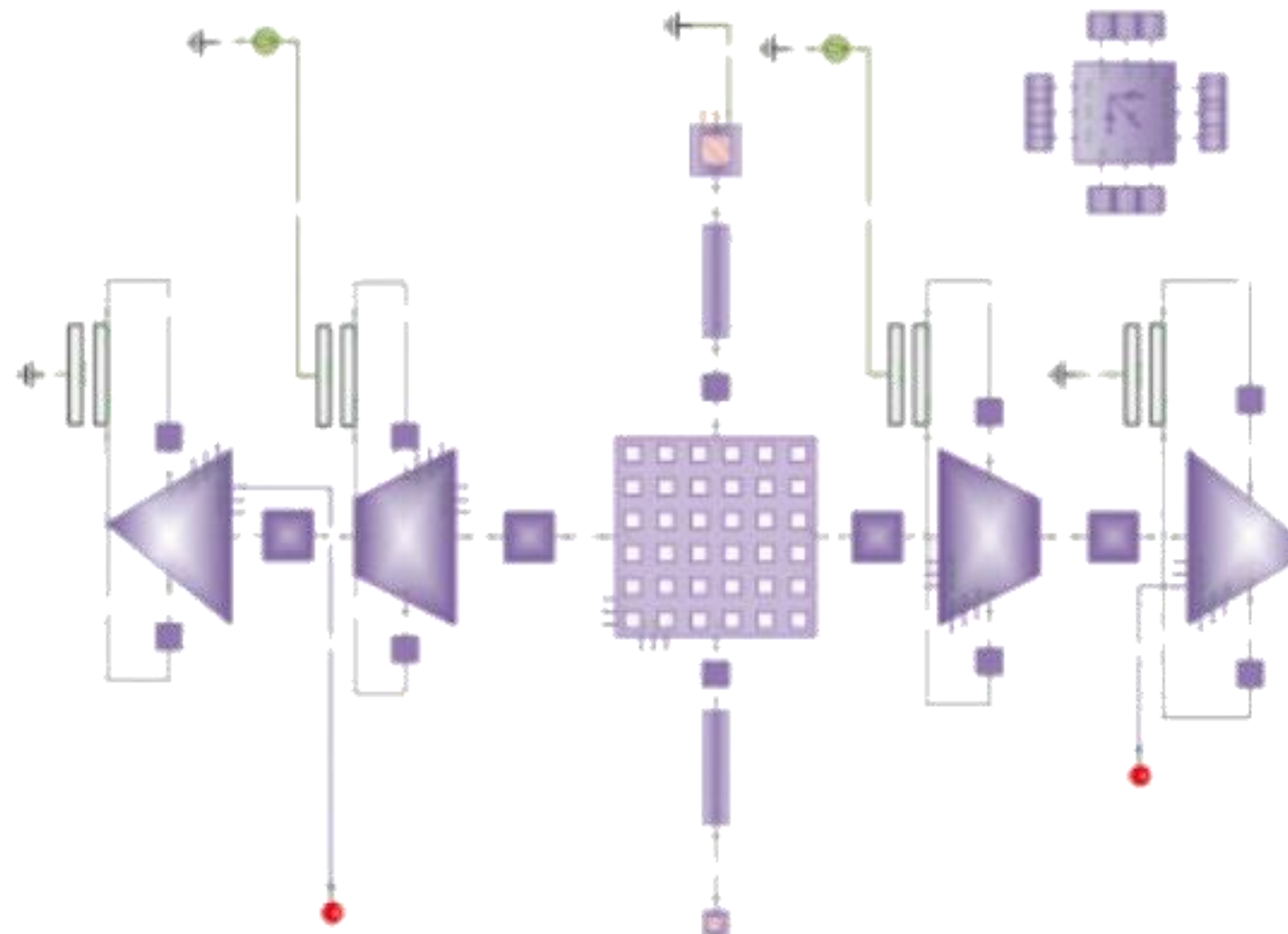
Coriolis and Quadrature error force, displacement

Electrostatic based MEMS Micro-mirror design and analysis



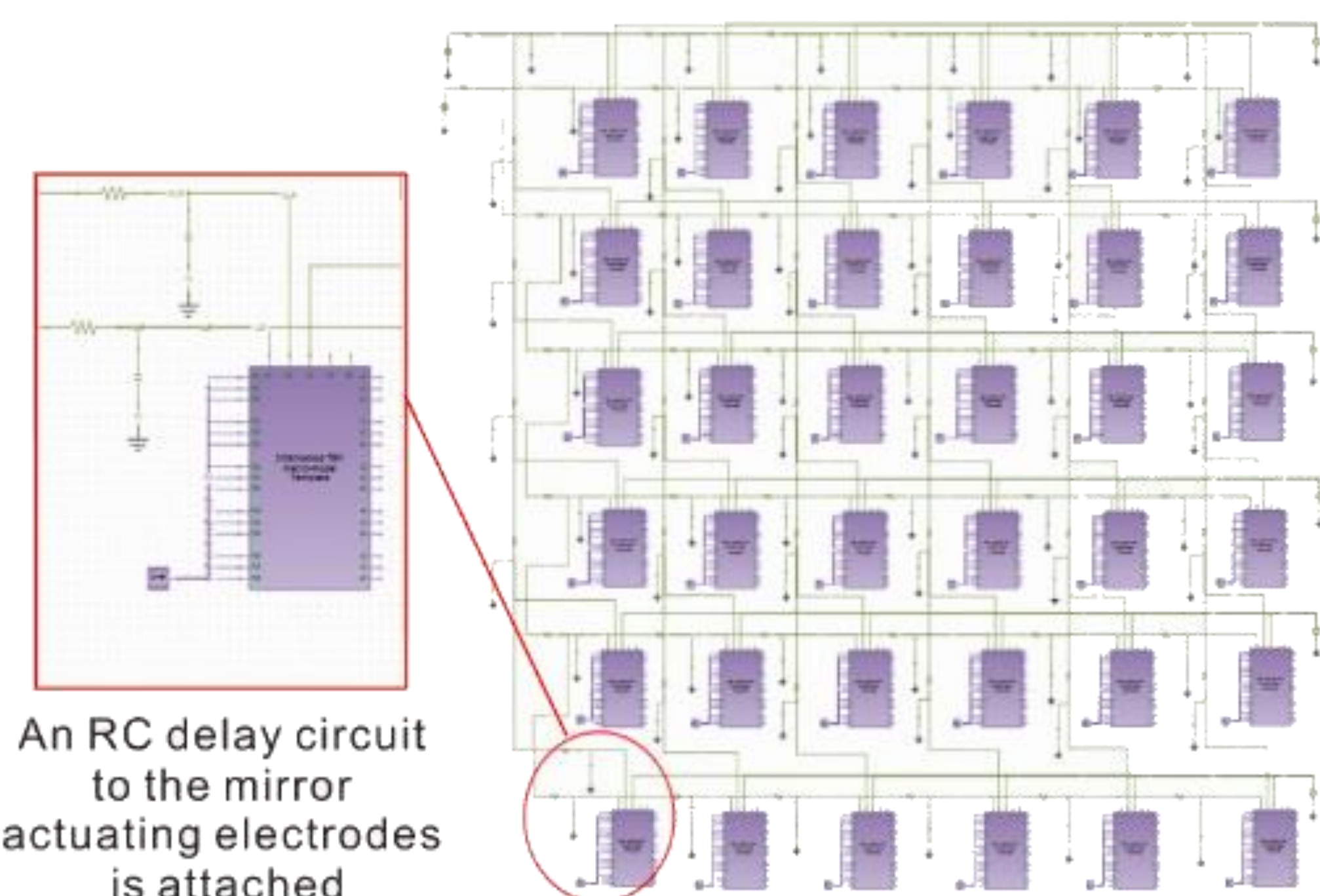
FEM Analysis of MEMS mirror

SYNPLE Schematic

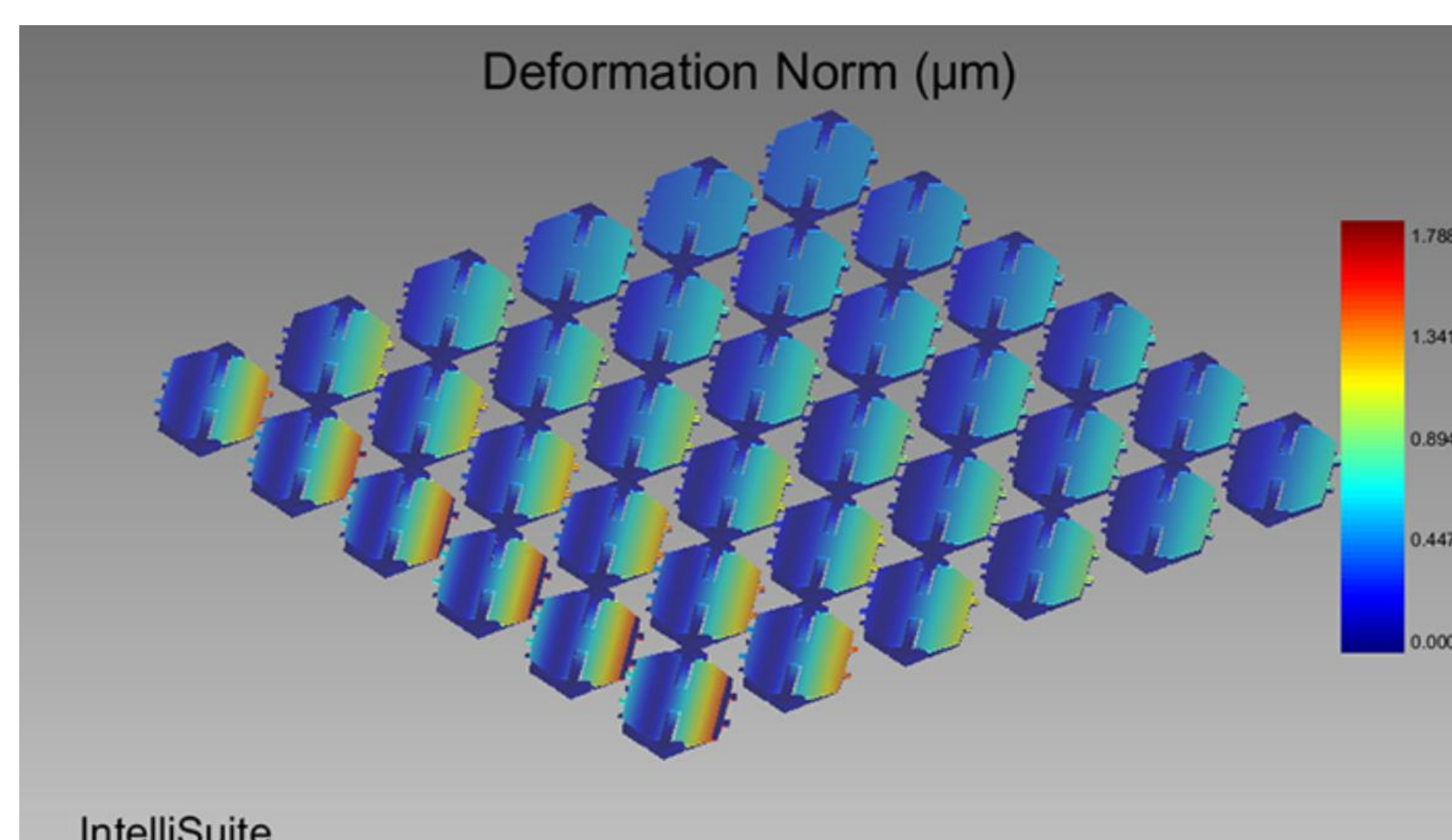


BluePrint - Mask

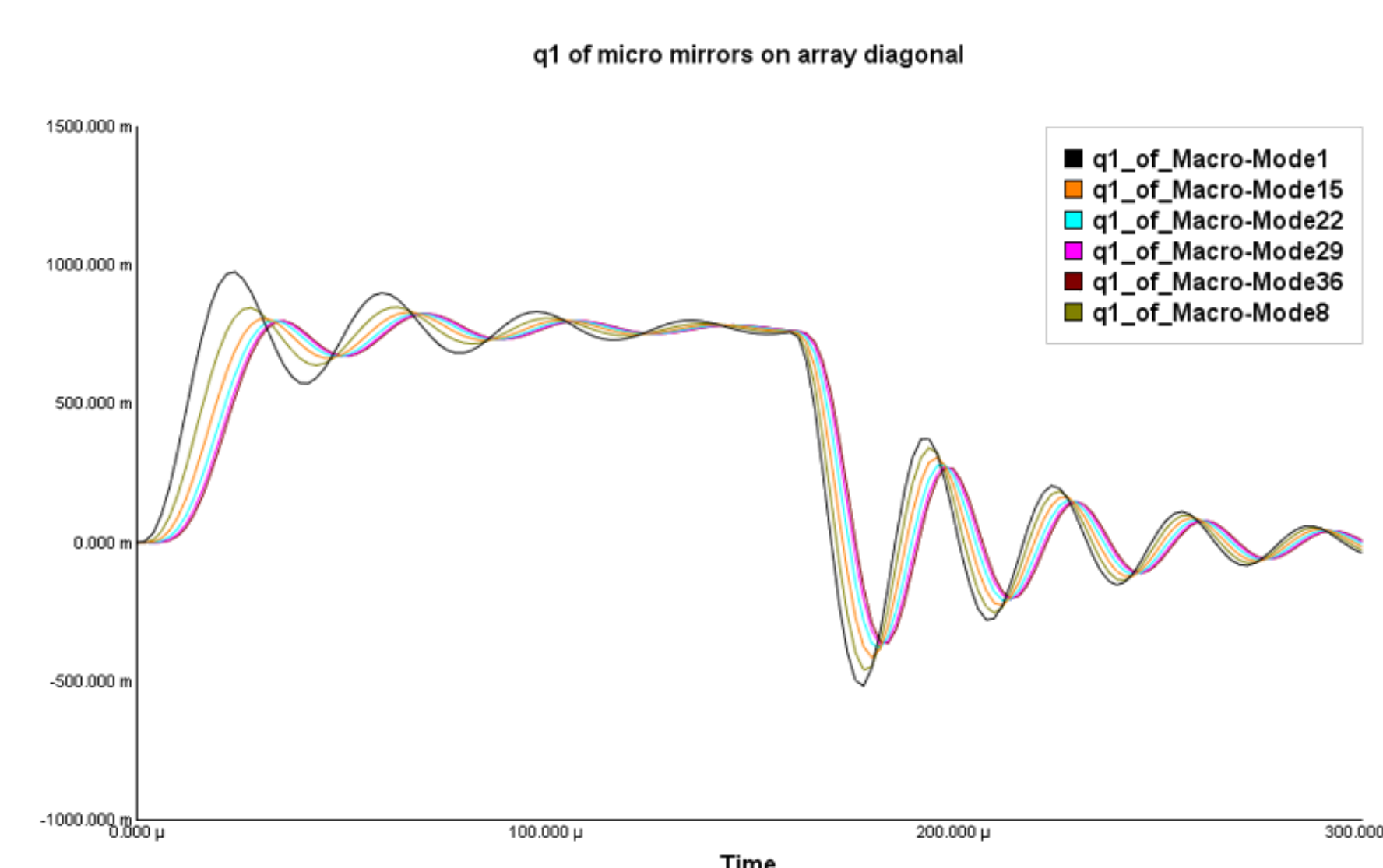
Schematic of a Single Micro-mirror



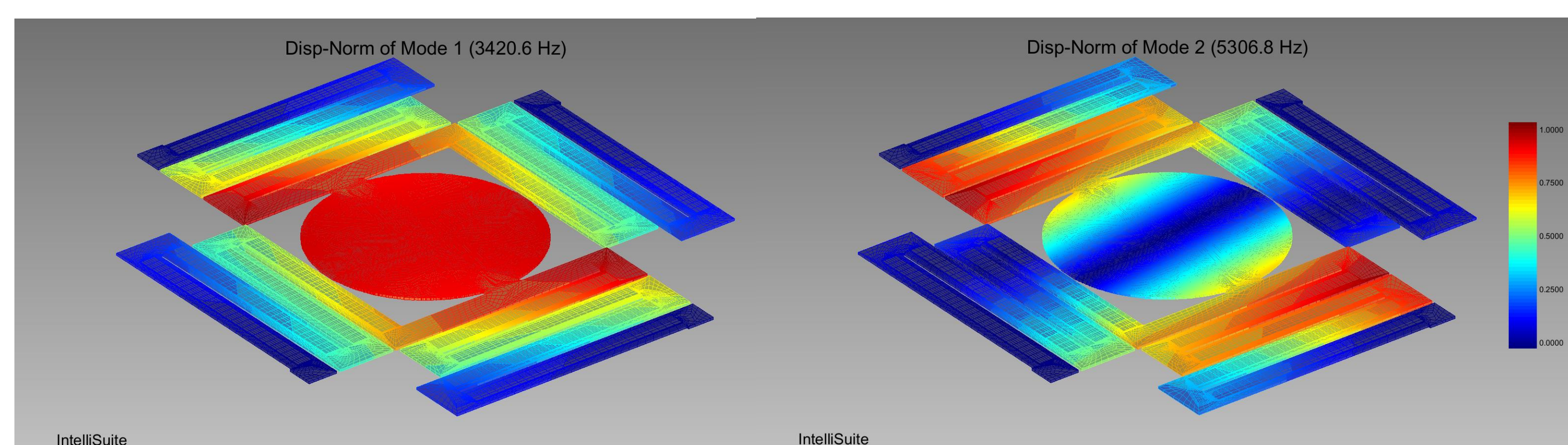
Array of system schematic design



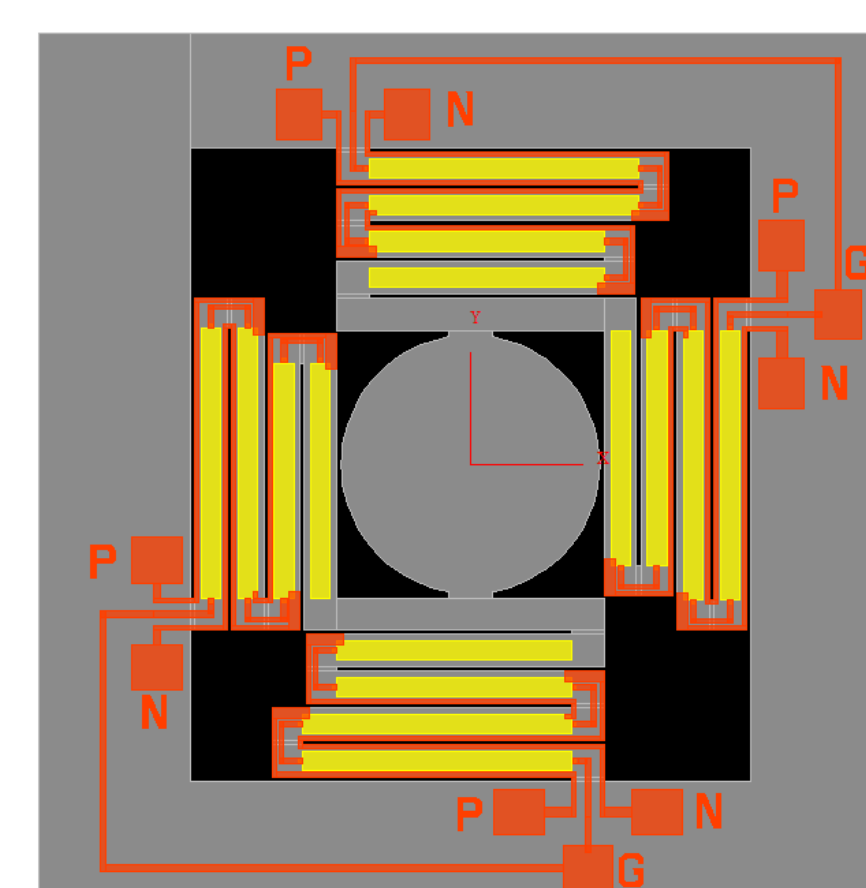
3D view of performance and displacement time delays of the mirrors array



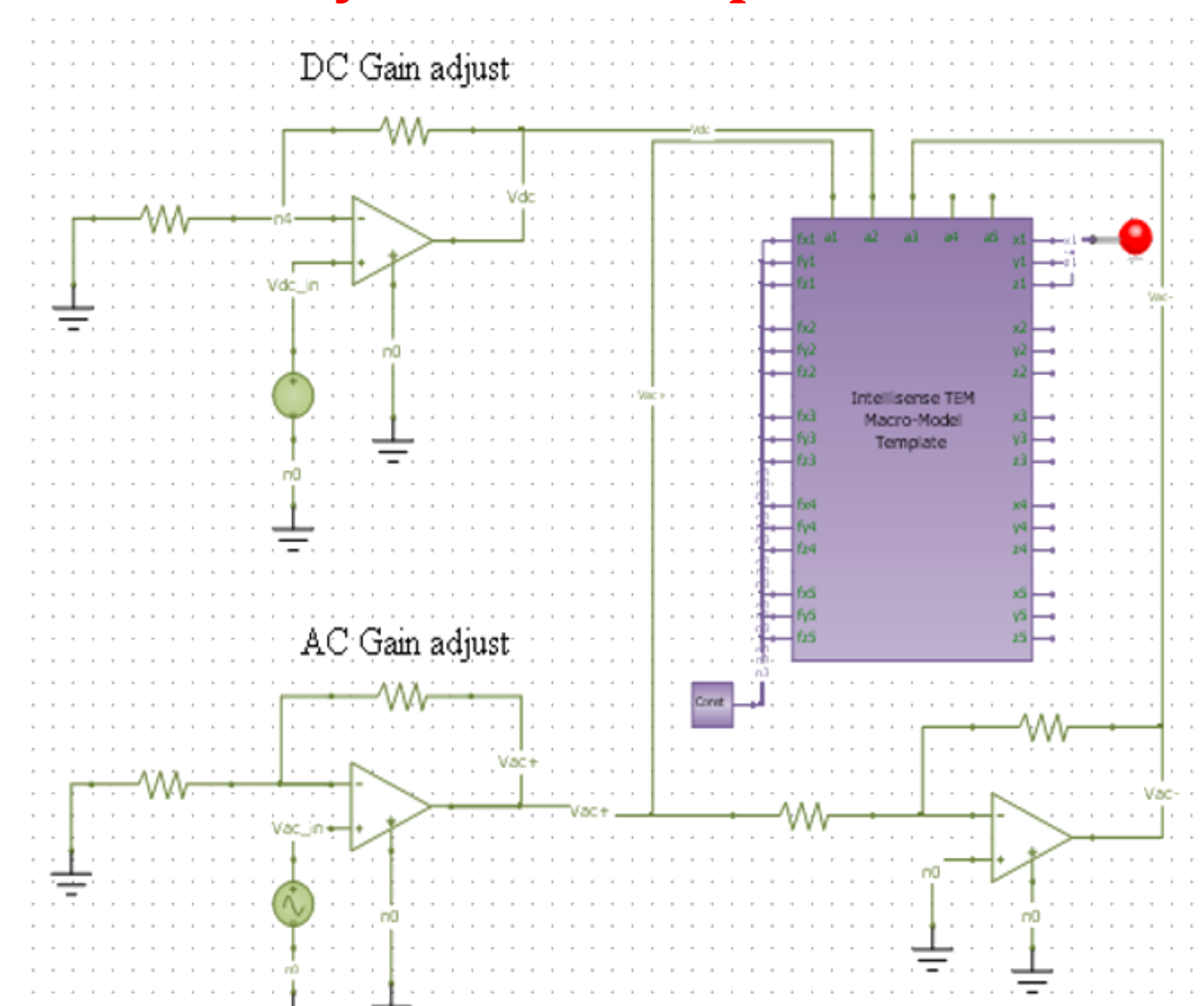
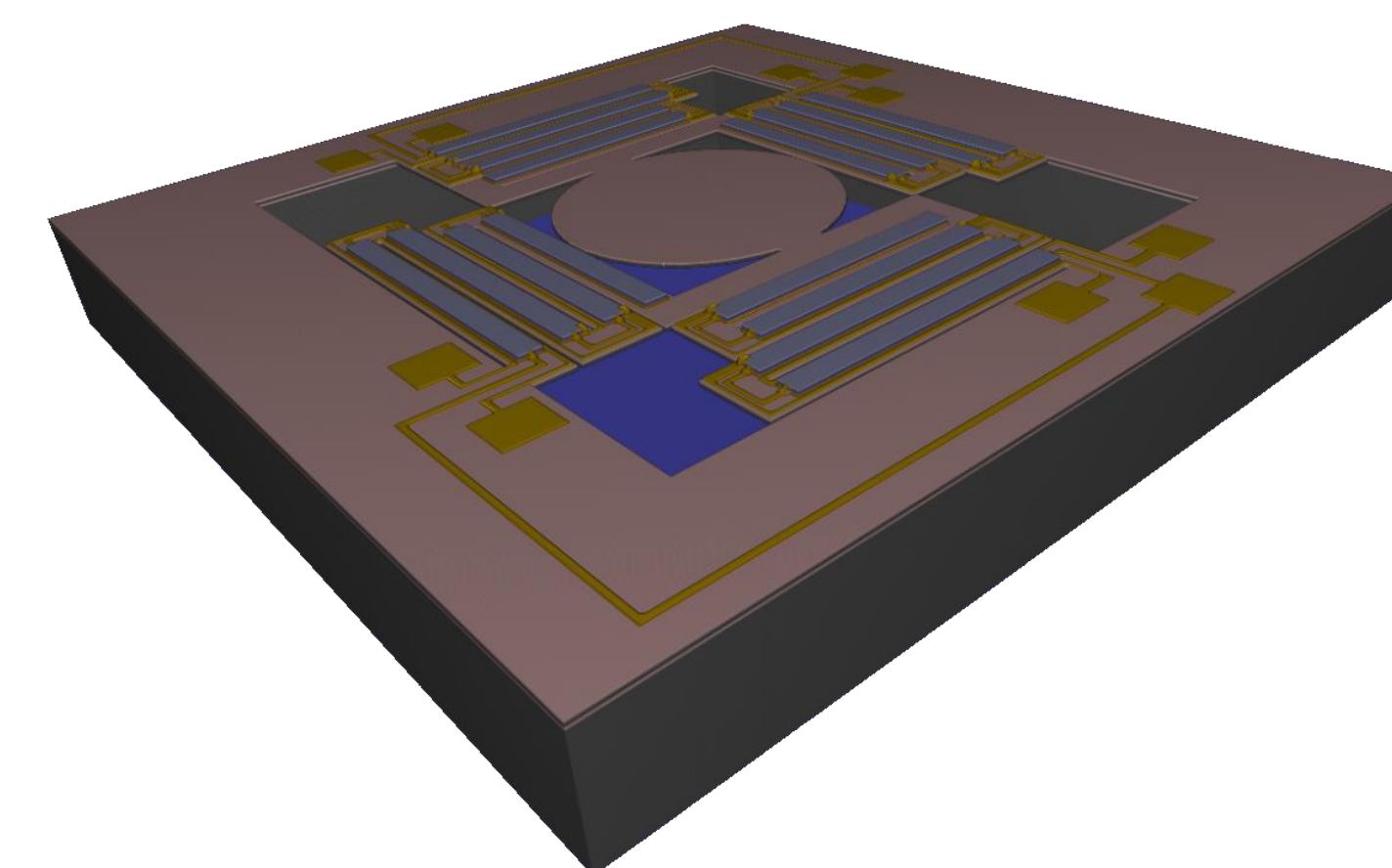
Piezoelectric based MEMS Micro-mirror design and analysis



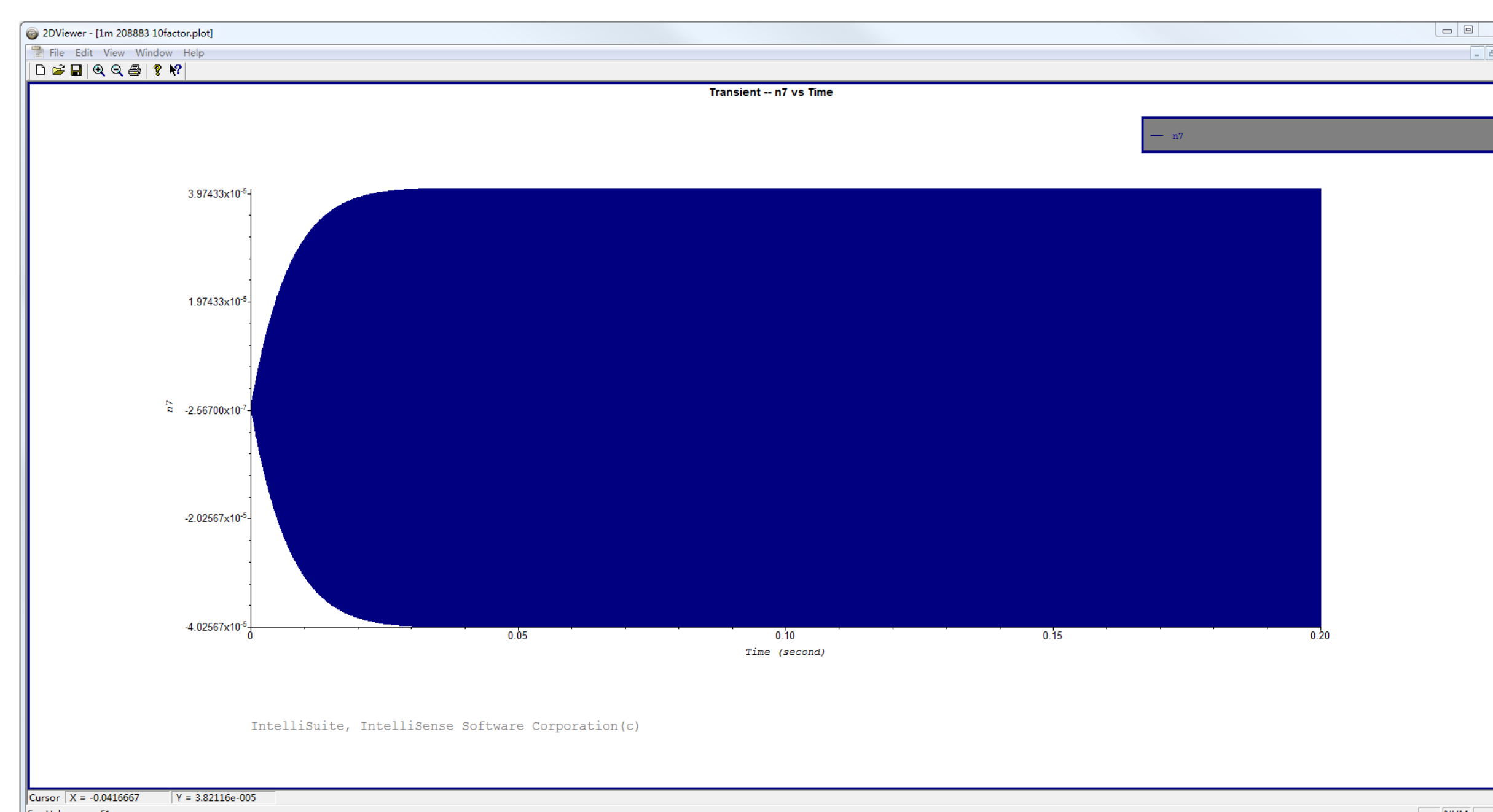
FEM analysis and respective mode shape



Mask to clean room process flow



Macro-model of piezoelectric based micro-mirror



Displacement of micro-mirror in Z-direction

