

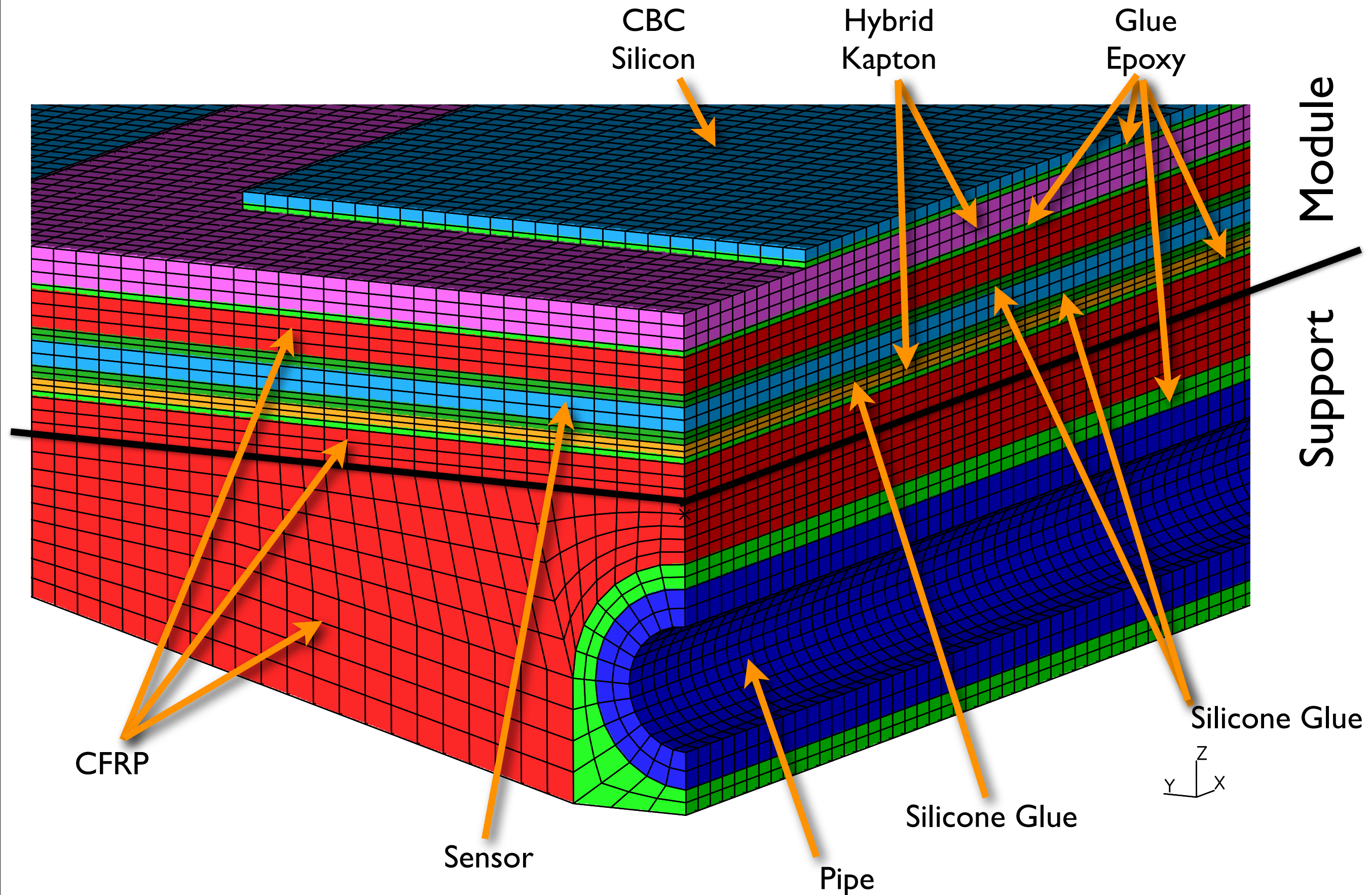
Updates on FE Deformation Studies

Andreas Mussgiller

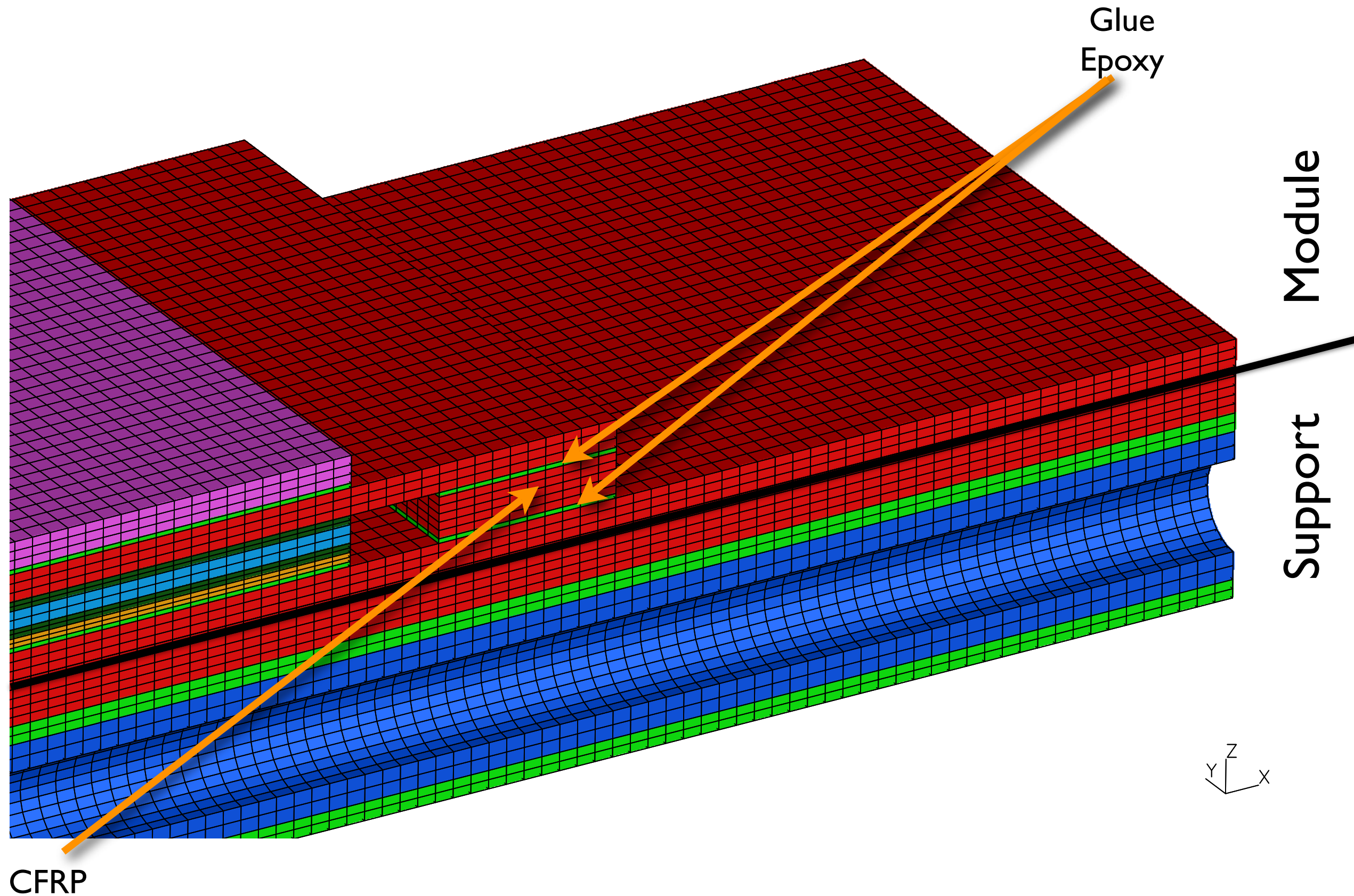


19/10/2010

LCS Design on Support

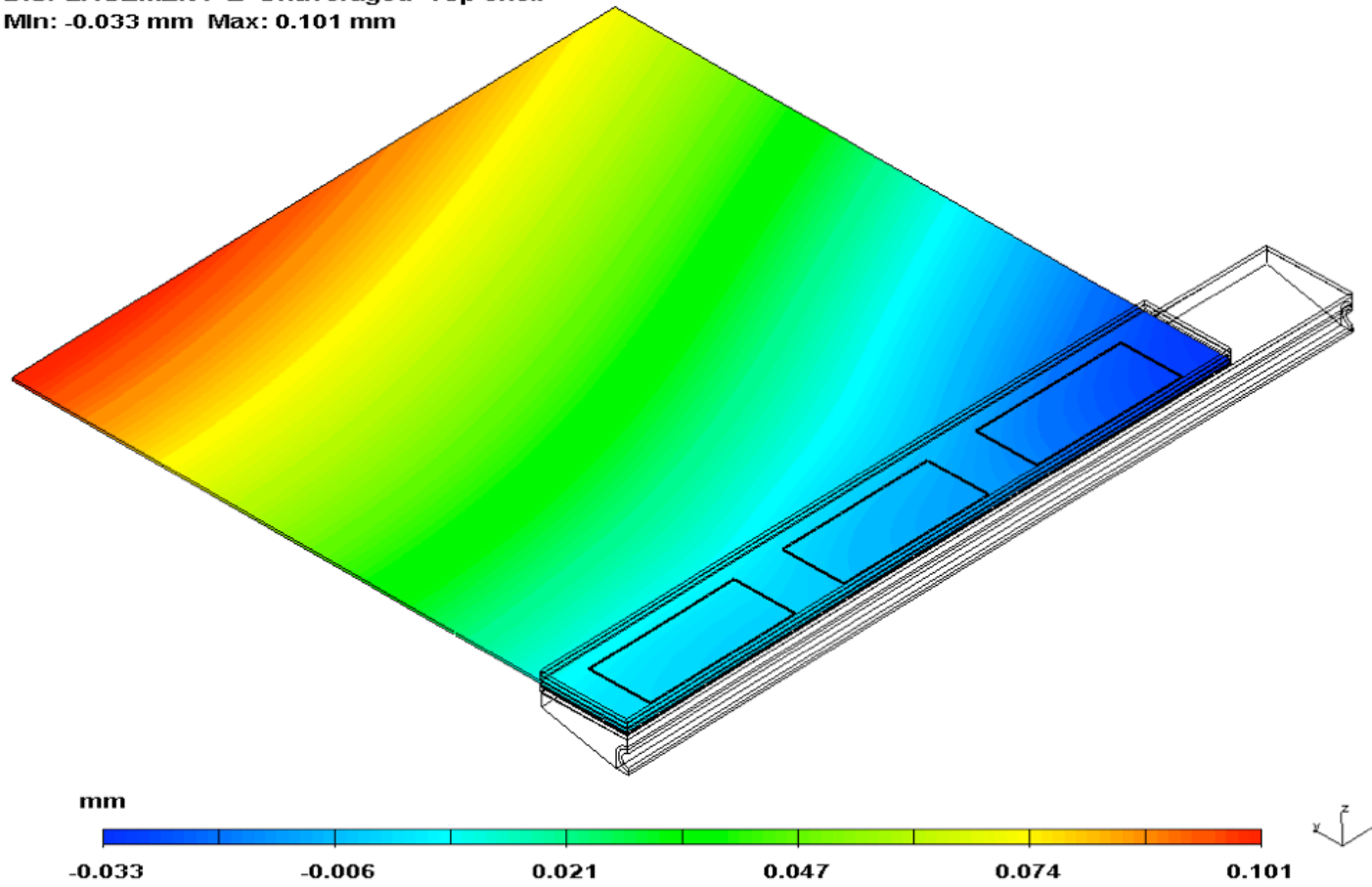


LCS Design II on Support

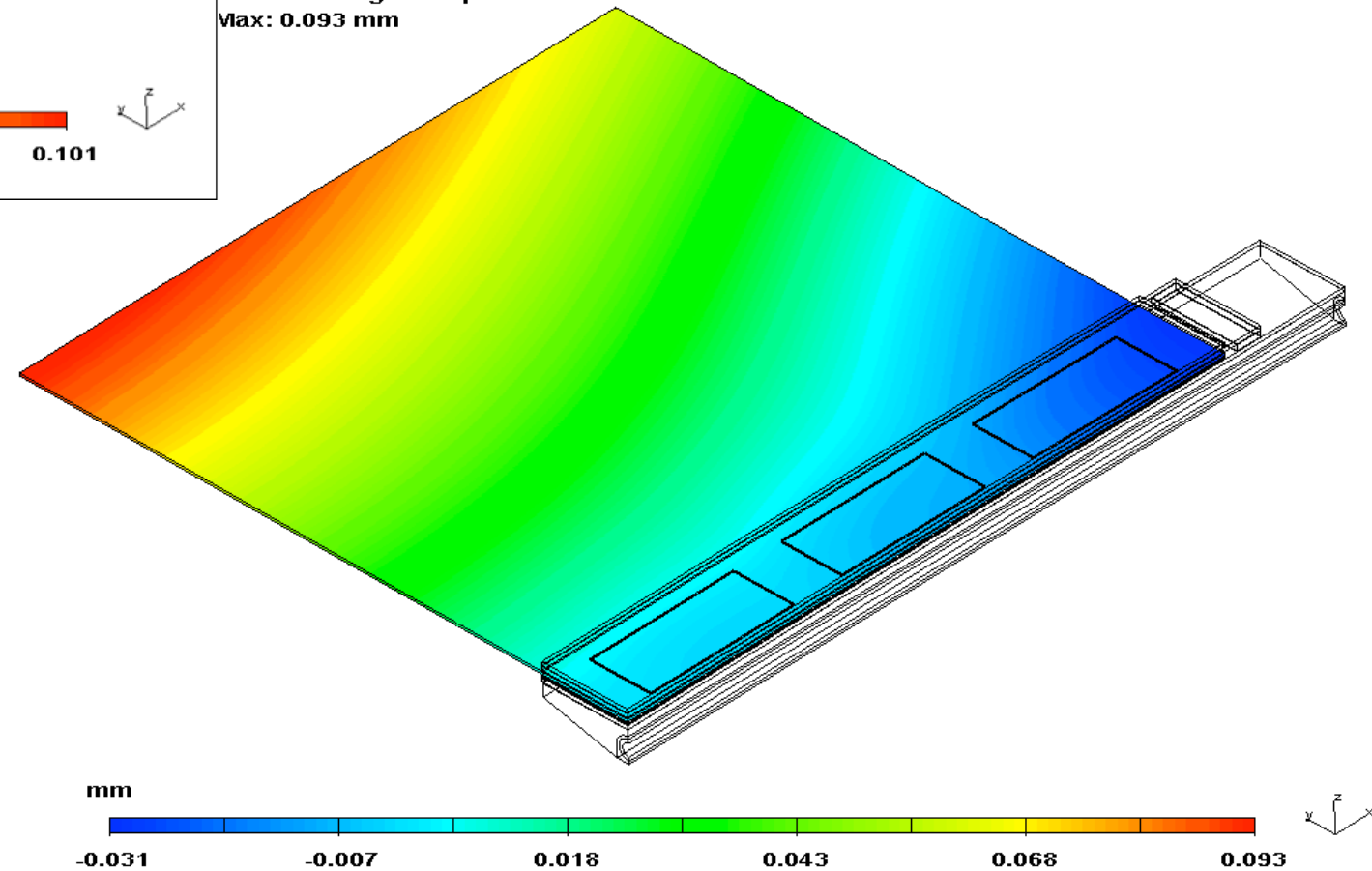


LCS Design (II) on Support - Sensor Deformation

Analysis time was 03-Oct-10 04:33:04
Solset 3 - SOLUTION SET3
DISPLACEMENT Z Unaveraged Top shell
Min: -0.033 mm Max: 0.101 mm

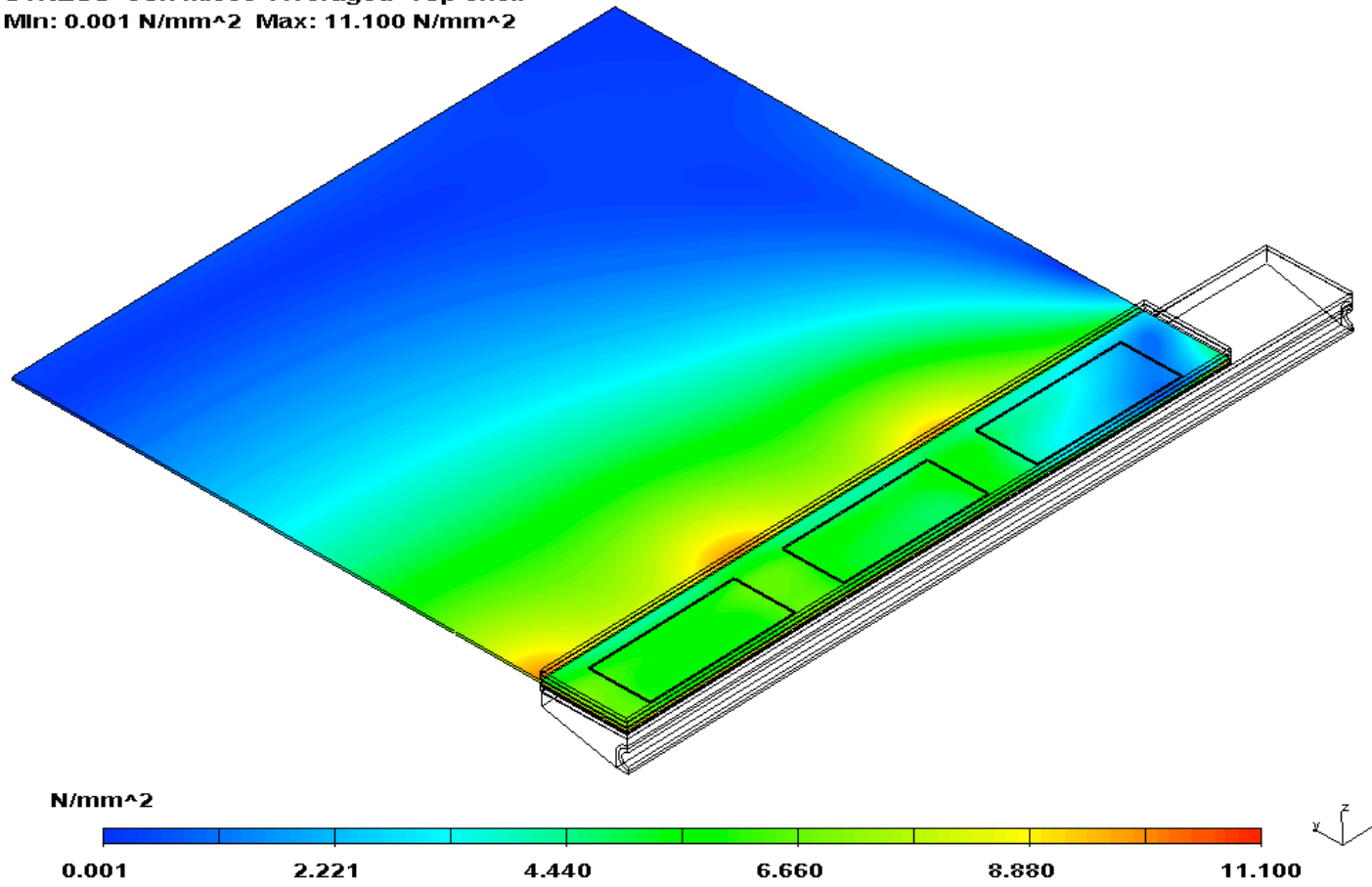


Analysis time was 13-Oct-10 08:13:05
SOLUTION SET2
DISPLACEMENT Z Unaveraged Top shell
Max: 0.093 mm

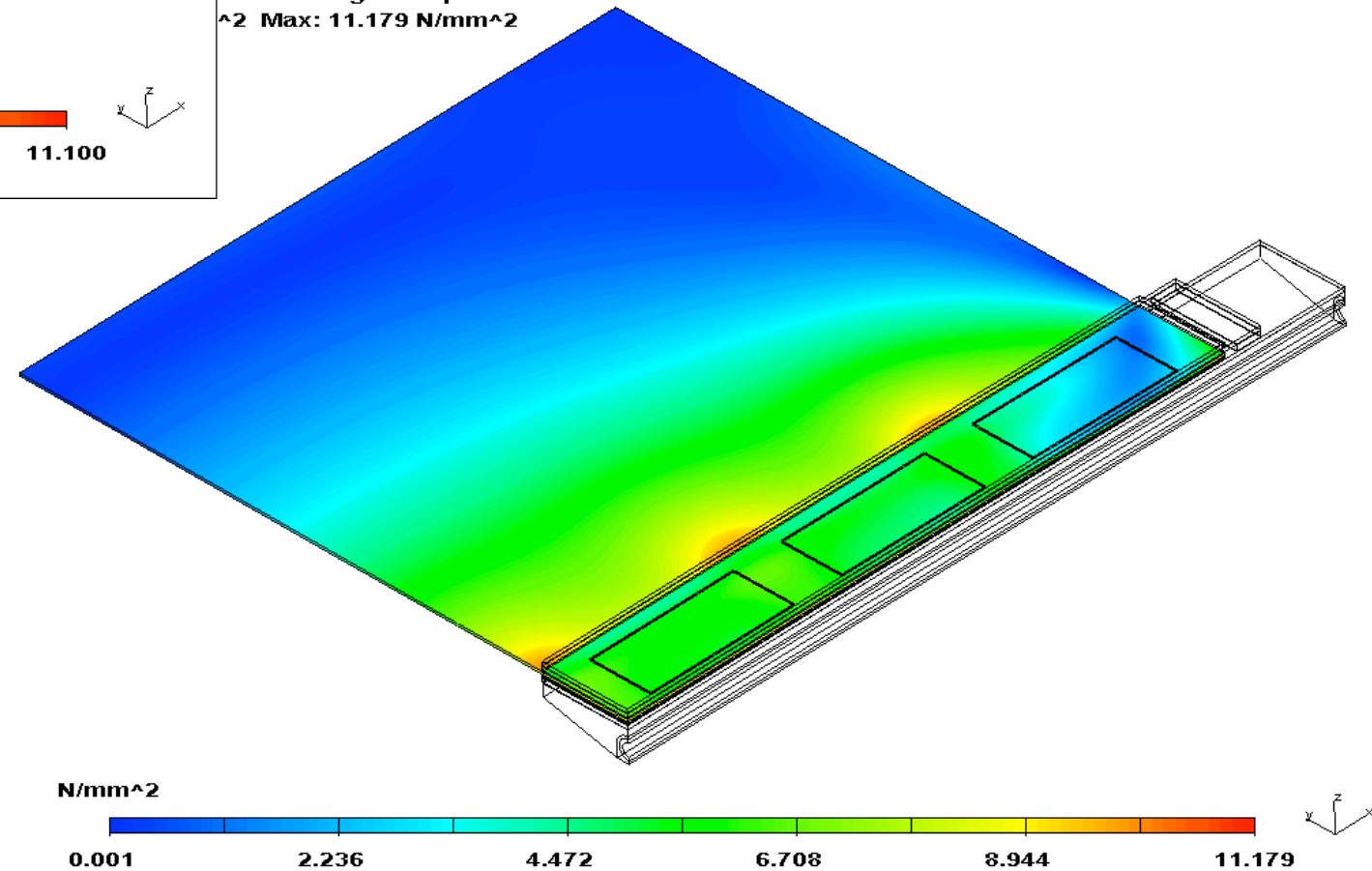


LCS Design (II) on Support - Sensor Stress

Analysis time was 03-Oct-10 04:34:15
Solset 3 - SOLUTION SET3
STRESS Von Mises Averaged Top shell
Min: 0.001 N/mm² Max: 11.100 N/mm²

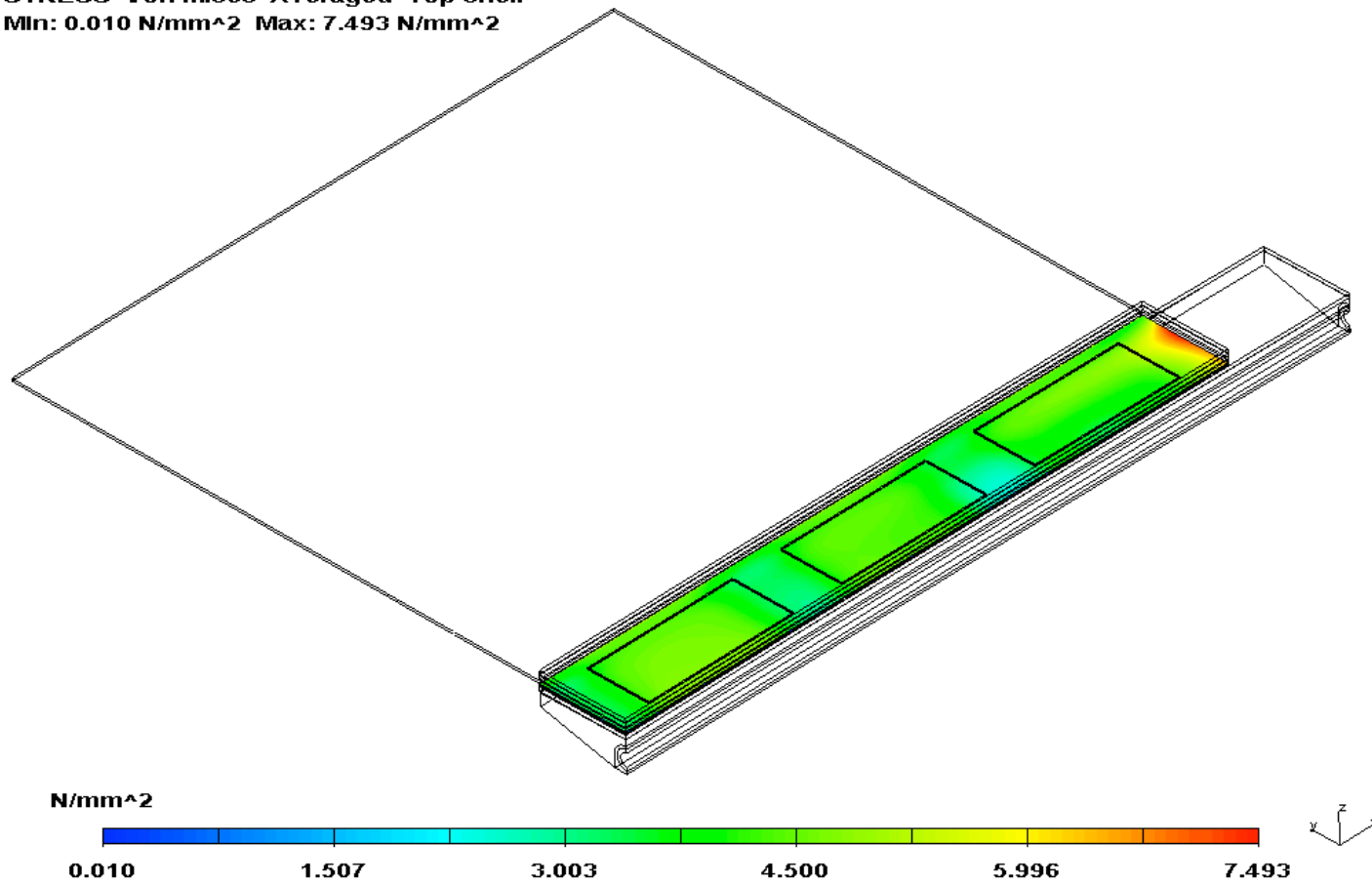


Analysis time was 13-Oct-10 08:14:16
SOLUTION SET2
Stress Von Mises Averaged Top shell
Min: 0.001 N/mm² Max: 11.179 N/mm²

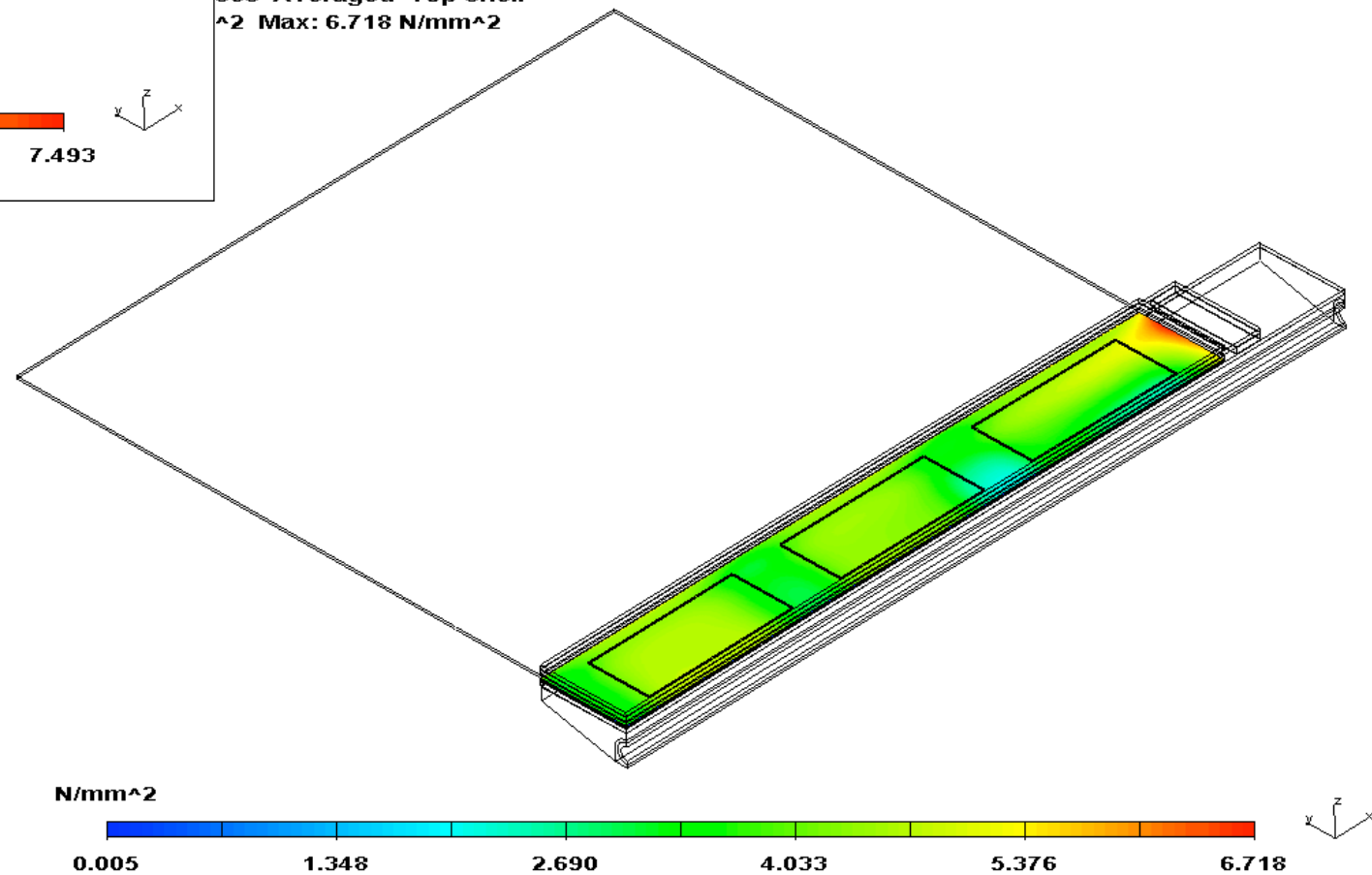


LCS Design (II) on Support - Bottom Glue Strip Stress

Analysis time was 03-Oct-10 04:34:15
Solset 3 - SOLUTION SET3
STRESS Von Mises Averaged Top shell
Min: 0.010 N/mm² Max: 7.493 N/mm²

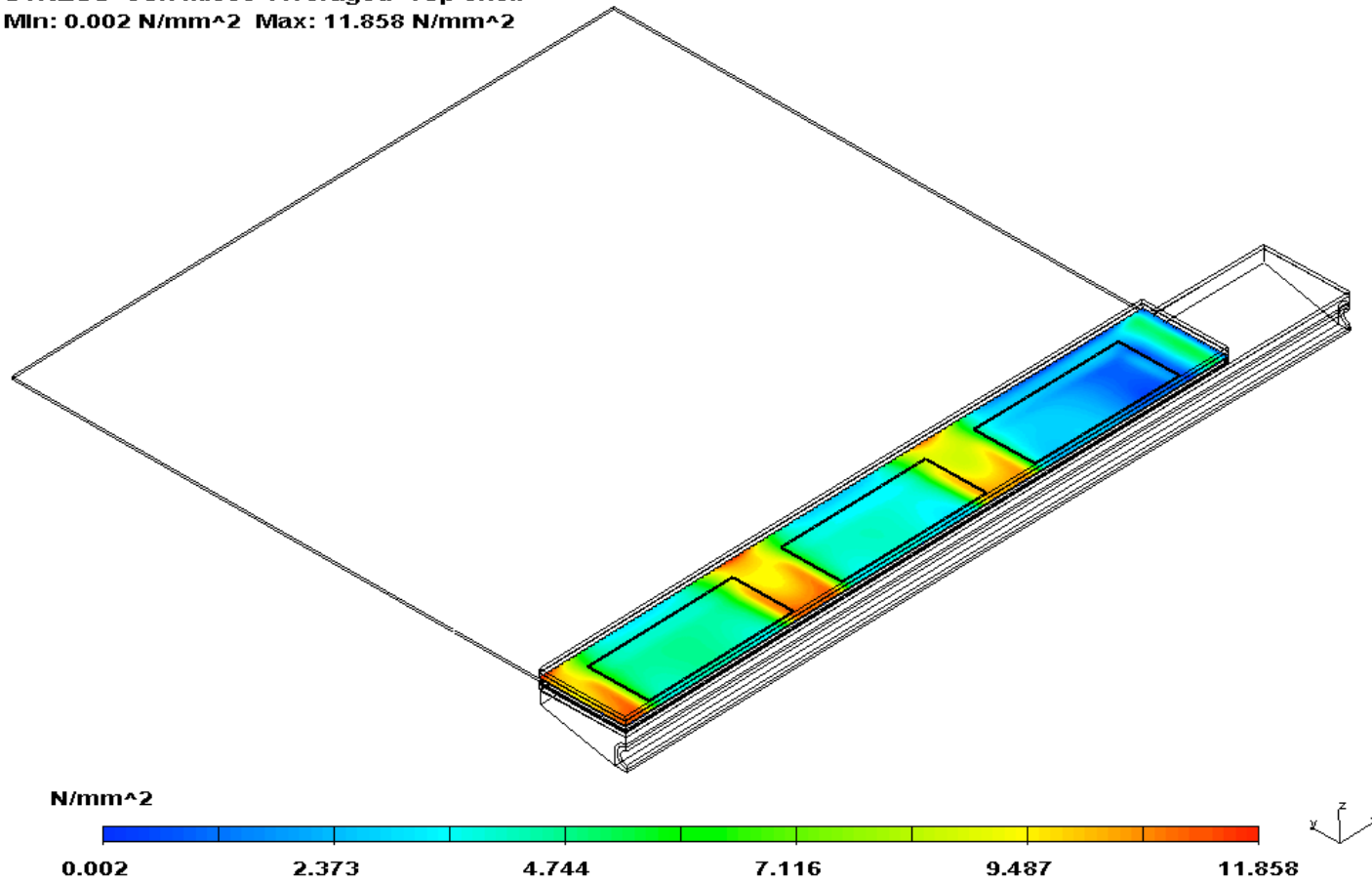


Analysis time was 13-Oct-10 08:14:16
SOLUTION SET2
Stress Von Mises Averaged Top shell
Min: 0.005 N/mm² Max: 6.718 N/mm²

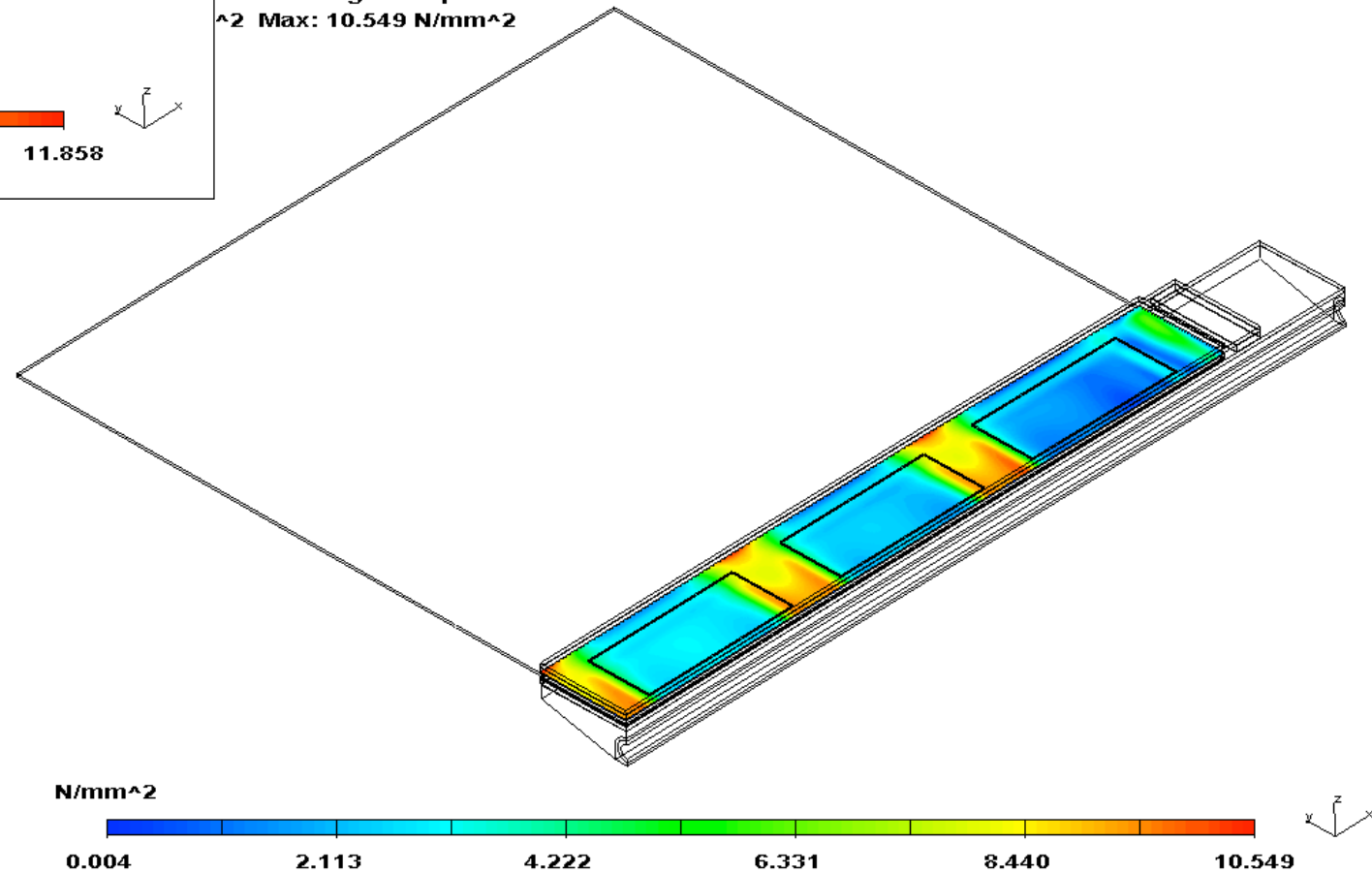


LCS Design (II) on Support - Top Glue Strip Stress

Analysis time was 03-Oct-10 04:34:15
Solset 3 - SOLUTION SET3
STRESS Von Mises Averaged Top shell
Min: 0.002 N/mm² Max: 11.858 N/mm²

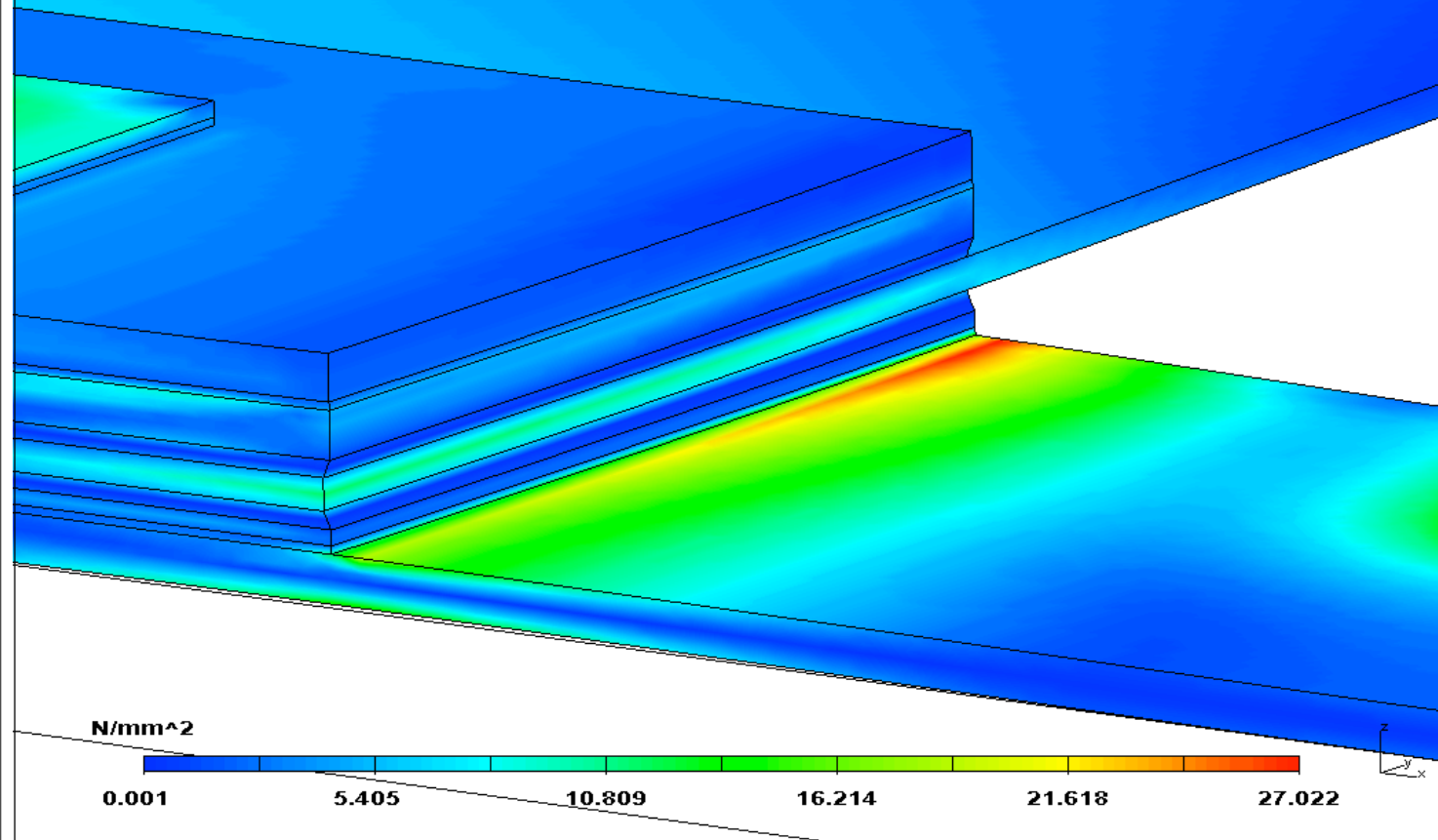


Analysis time was 13-Oct-10 08:14:16
SOLUTION SET2
Stress Von Mises Averaged Top shell
Min: 0.004 N/mm² Max: 10.549 N/mm²

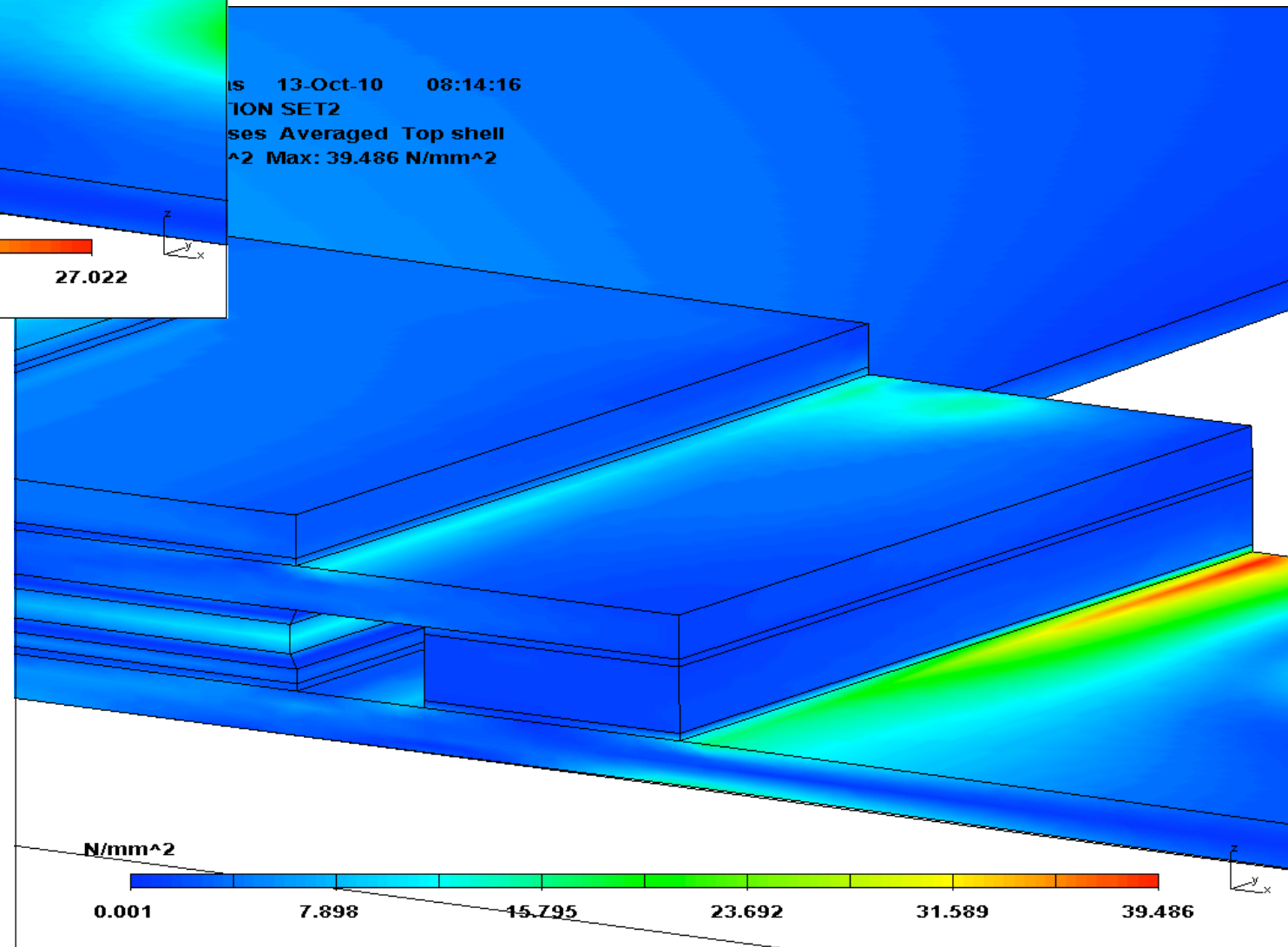


LCS Design (II) on Support - Module Stress

Analysis time was 03-Oct-10 04:34:15
Solset 3 - SOLUTION SET3
STRESS Von Mises Averaged Top shell
Min: 0.001 N/mm² Max: 27.022 N/mm²

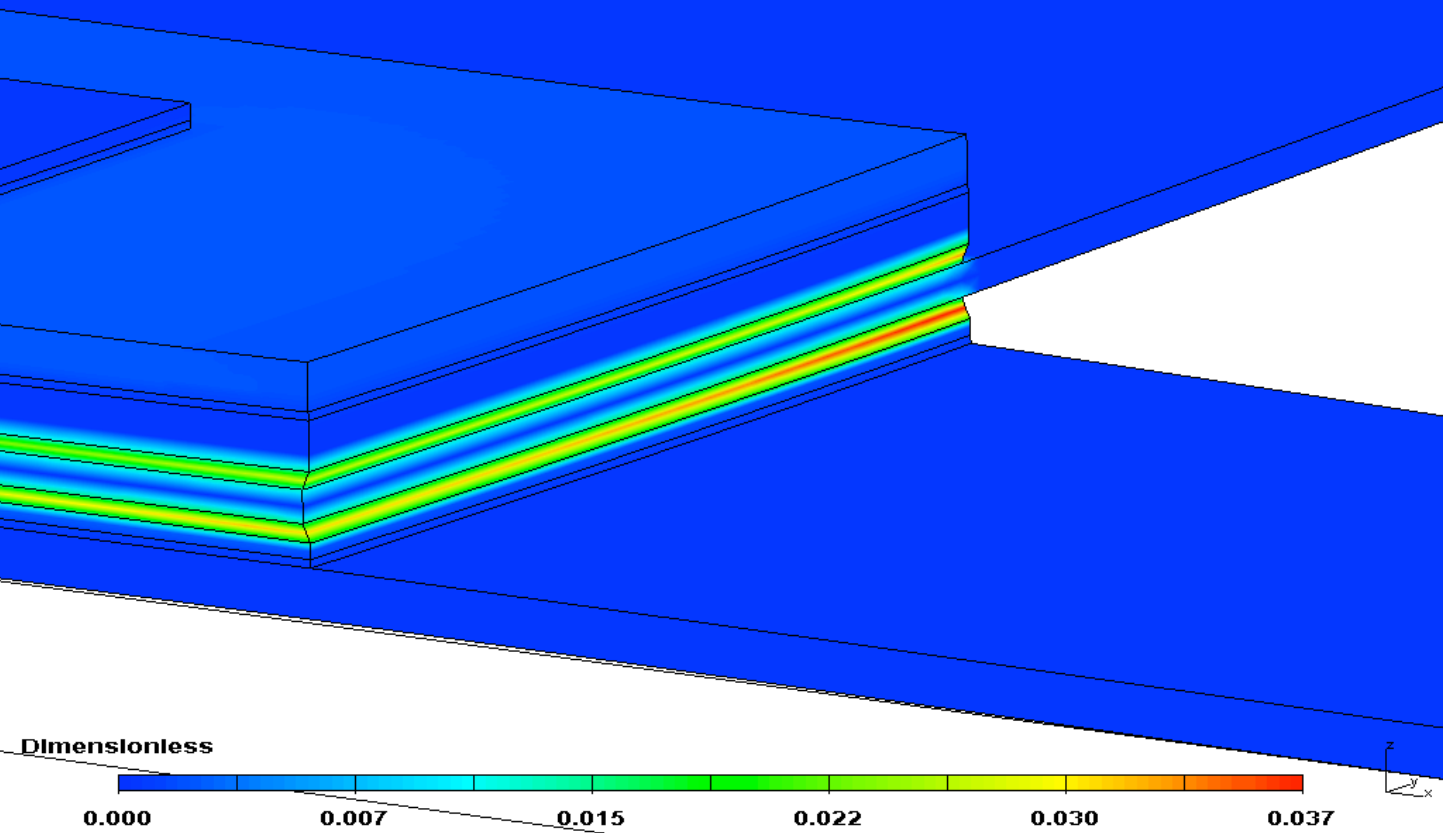


Analysis time was 13-Oct-10 08:14:16
SOLUTION SET2
Stress Von Mises Averaged Top shell
Min: 0.001 N/mm² Max: 39.486 N/mm²



LCS Design (II) on Support - Module Strain

Analysis time was 03-Oct-10 04:34:17
Solset 3 - SOLUTION SET3
STRAIN Von Mises Averaged Top shell
Min: 0.000 Dimensionless Max: 0.037 Dimensionless



Analysis time was 13-Oct-10 08:14:18
SOLUTION SET2
STRAIN Von Mises Averaged Top shell
Min: 0.000 Dimensionless Max: 0.032 Dimensionless

