

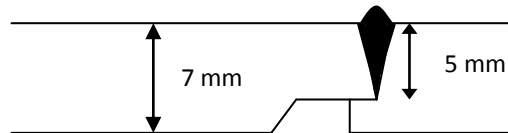


EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH
ORGANIZATION EUROPEENNE POUR LA RECHERCHE NUCLEAIRE

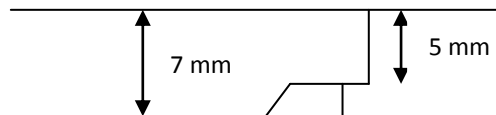
CERN - TS Department

Ricardo de Morais Amaral 23/05/2008

Model dimensions for the welding:



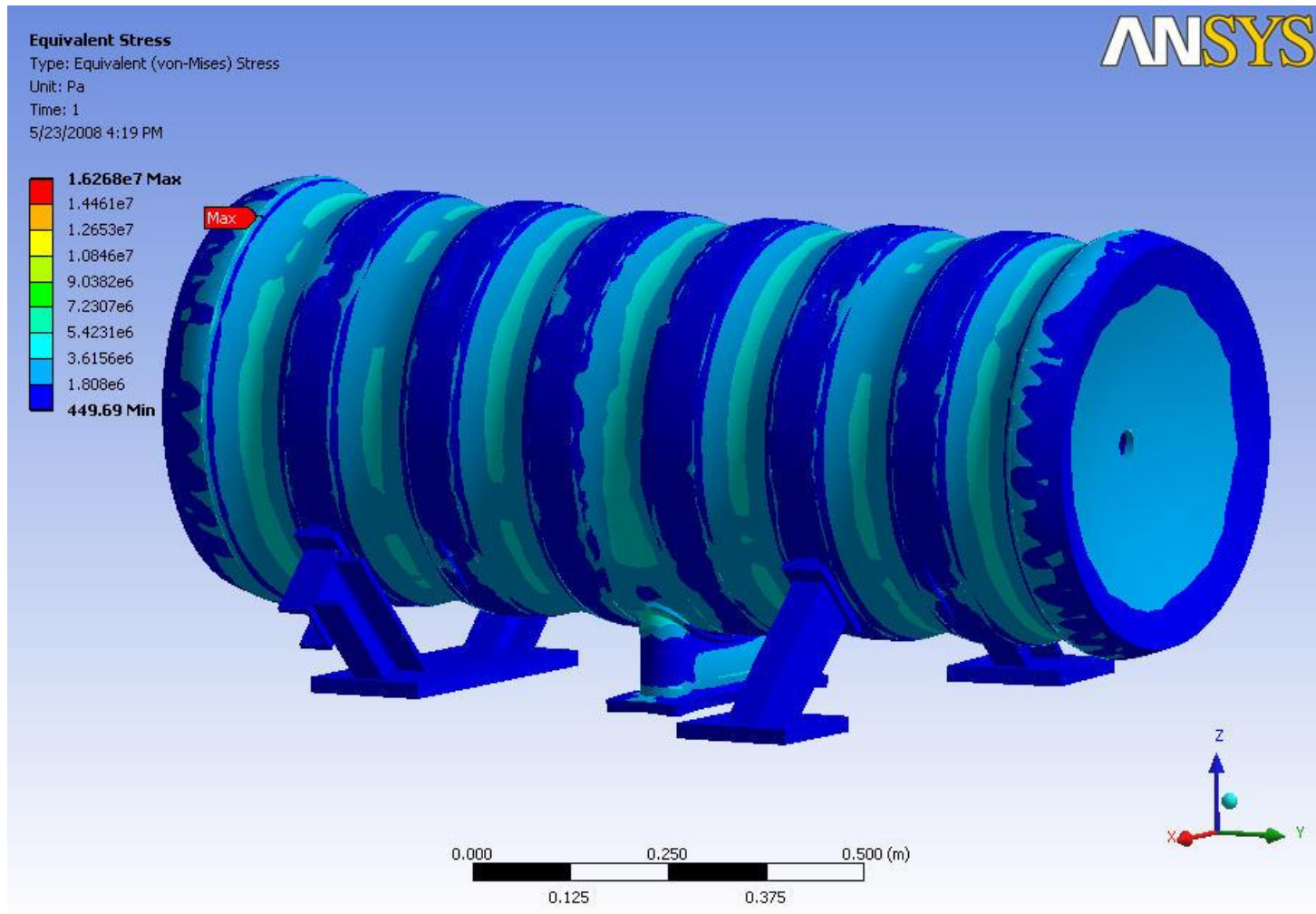
Model used for the finite element calculations:





CERN - TS Department

Ricardo de Morais Amaral 23/05/2008

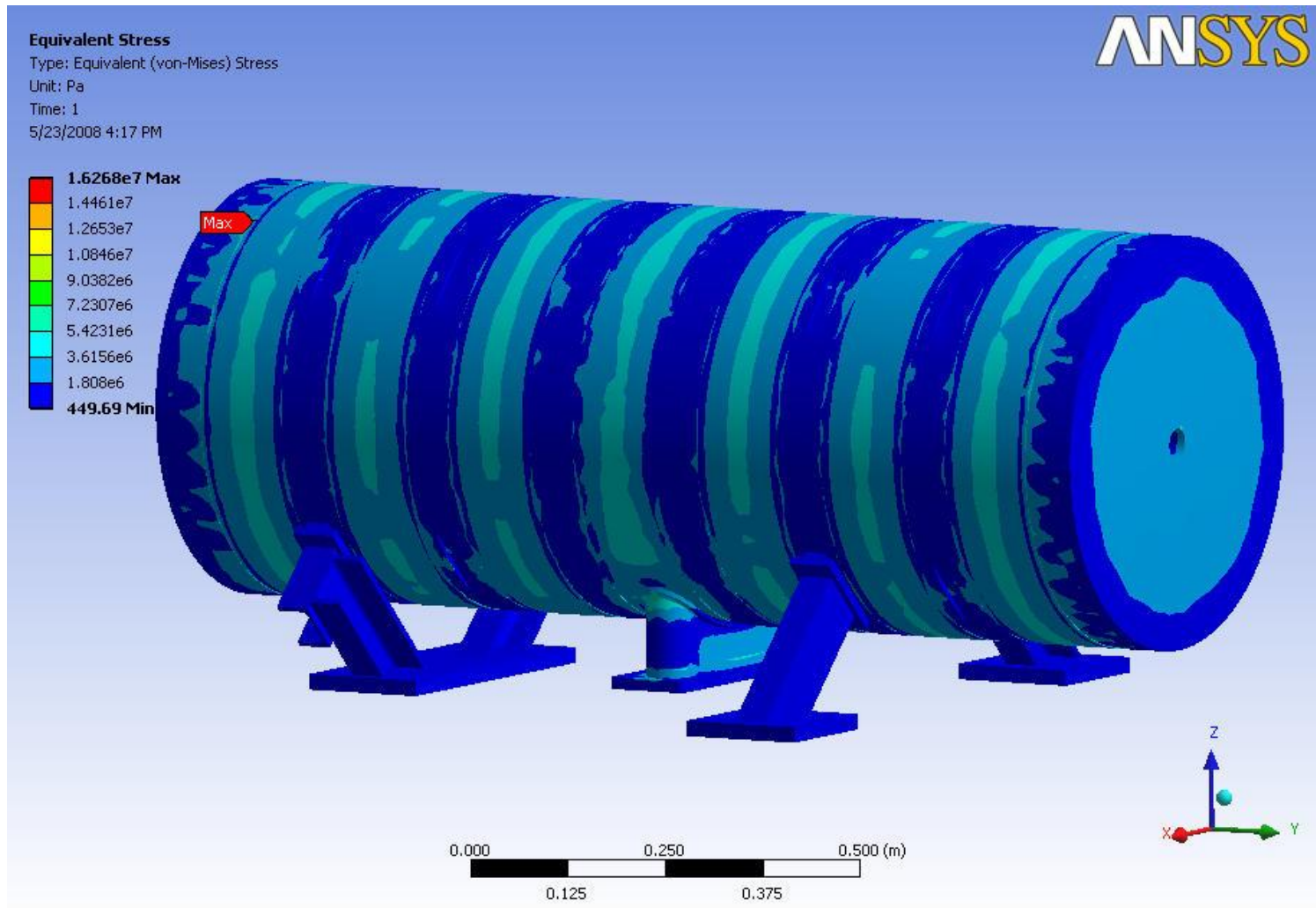


PIMS: VON MISES STRESS SCALED



CERN - TS Department

Ricardo de Morais Amaral 23/05/2008

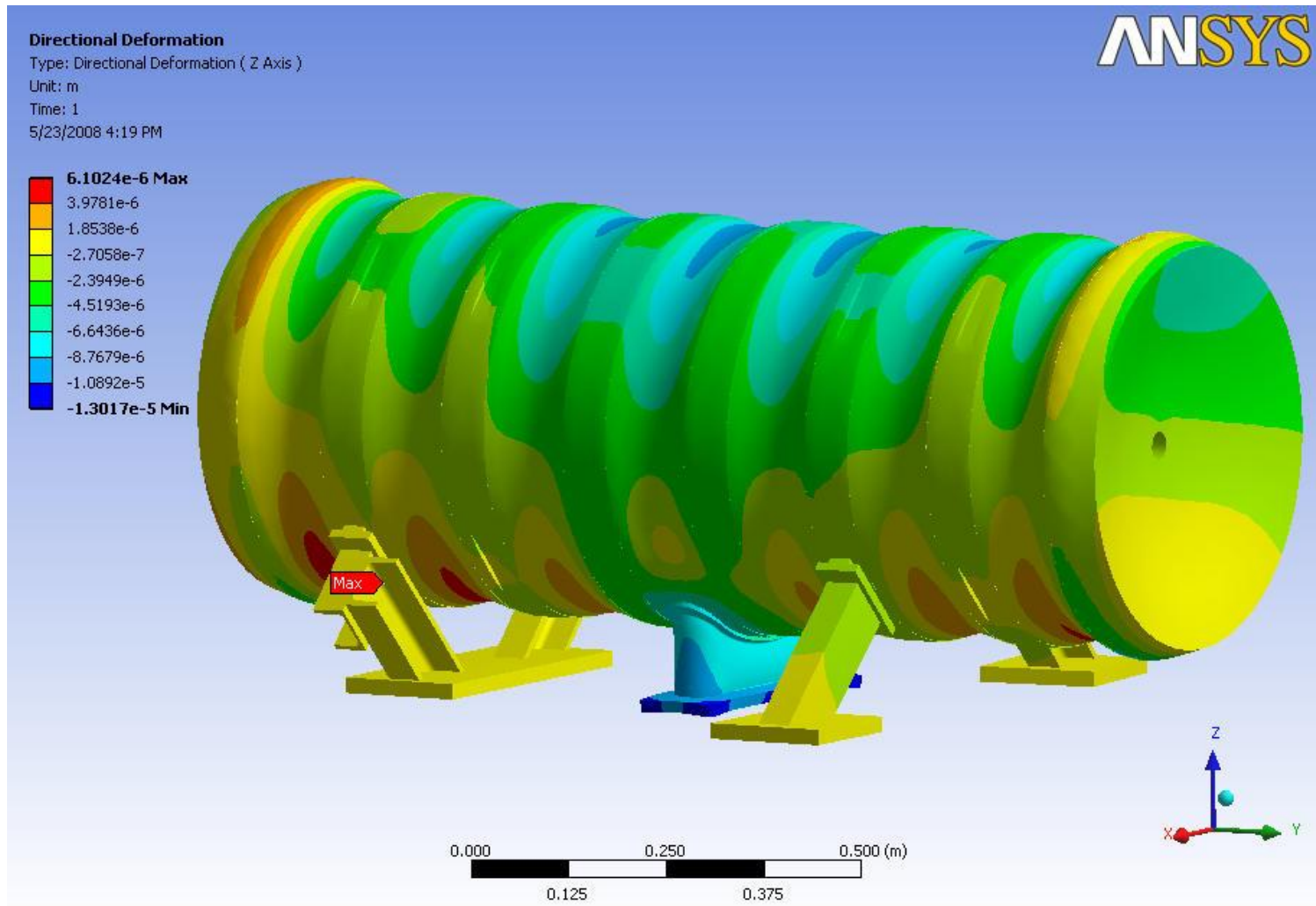


PIMS: VON MISES STRESS TRUE SCALE



CERN - TS Department

Ricardo de Morais Amaral 23/05/2008

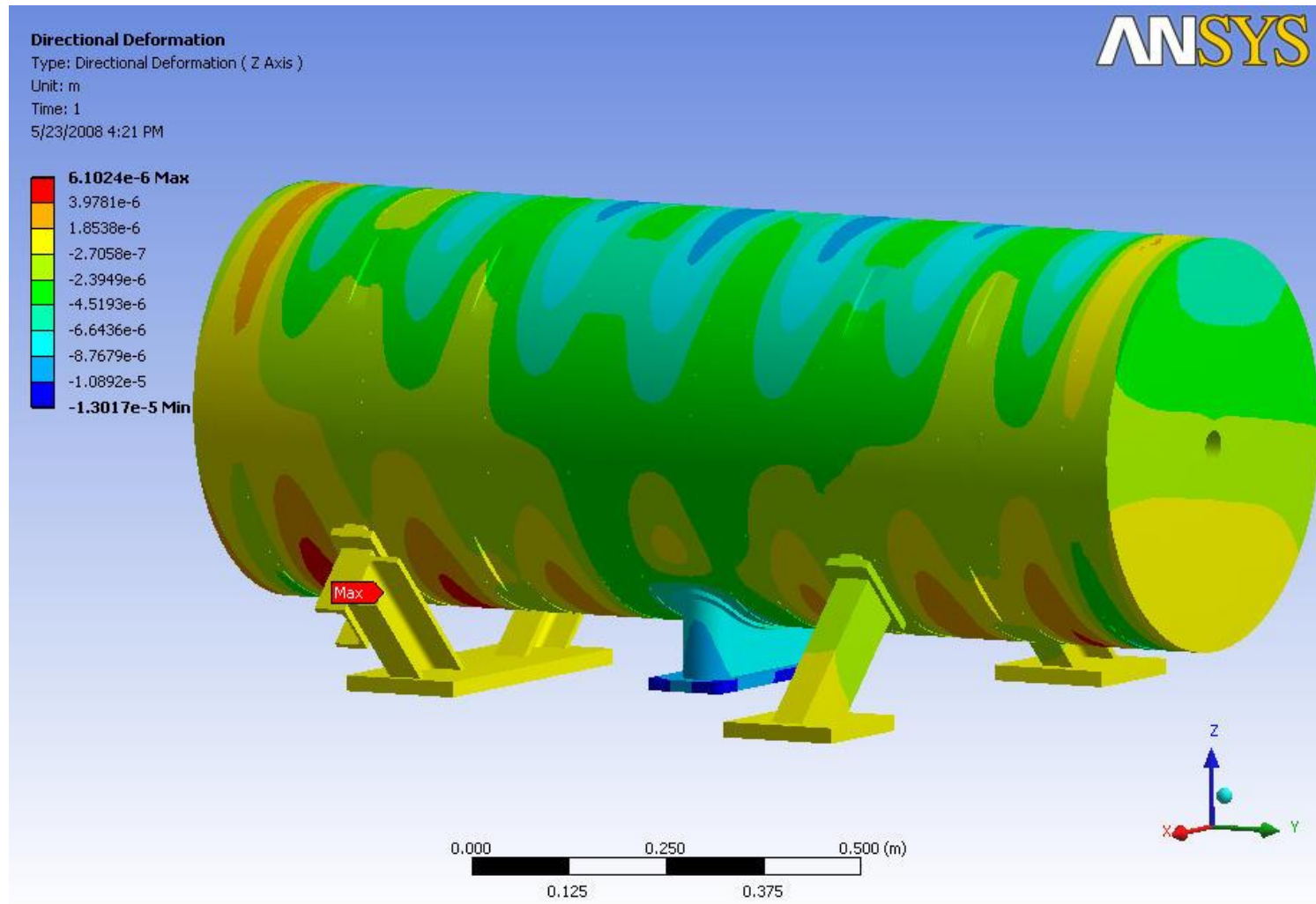


PIMS: VERTICAL DEFORMATION (Z) SCALED



CERN - TS Department

Ricardo de Morais Amaral 23/05/2008

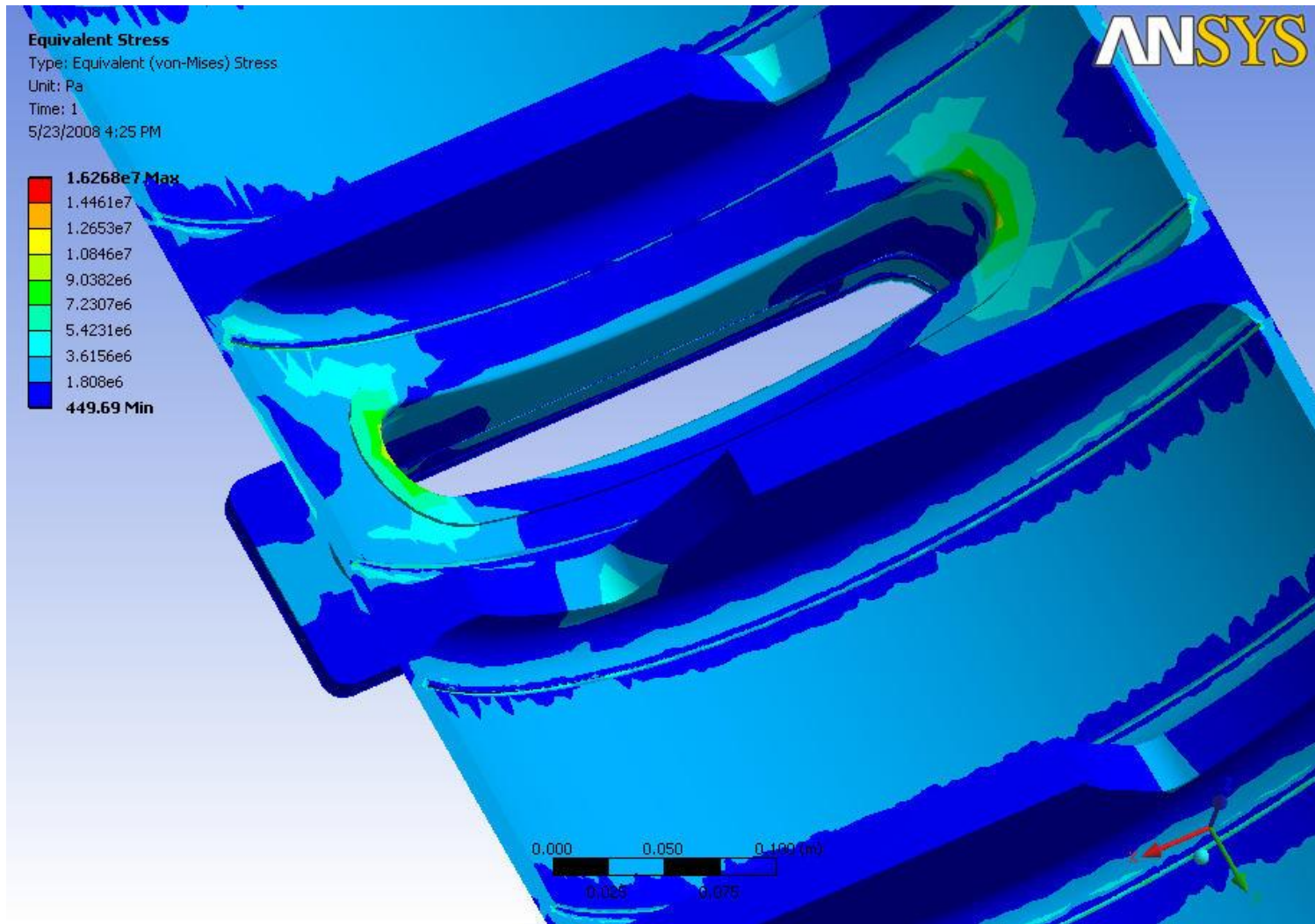


PIMS: VERTICAL DEFORMATION (Z) TRUE SCALE



CERN - TS Department

Ricardo de Morais Amaral 23/05/2008

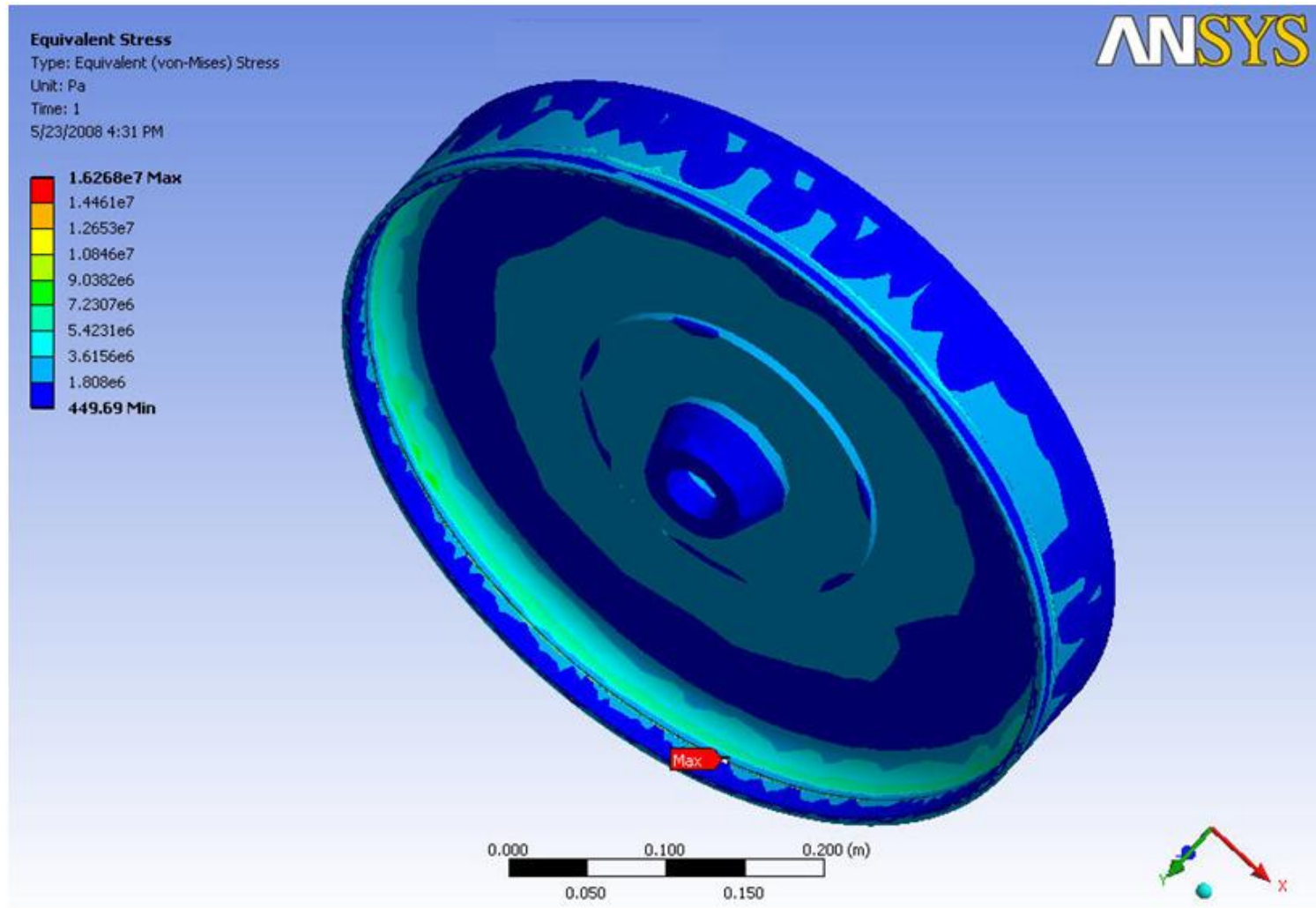


PIMS: RF PORT STRESS



CERN - TS Department

Ricardo de Morais Amaral 23/05/2008

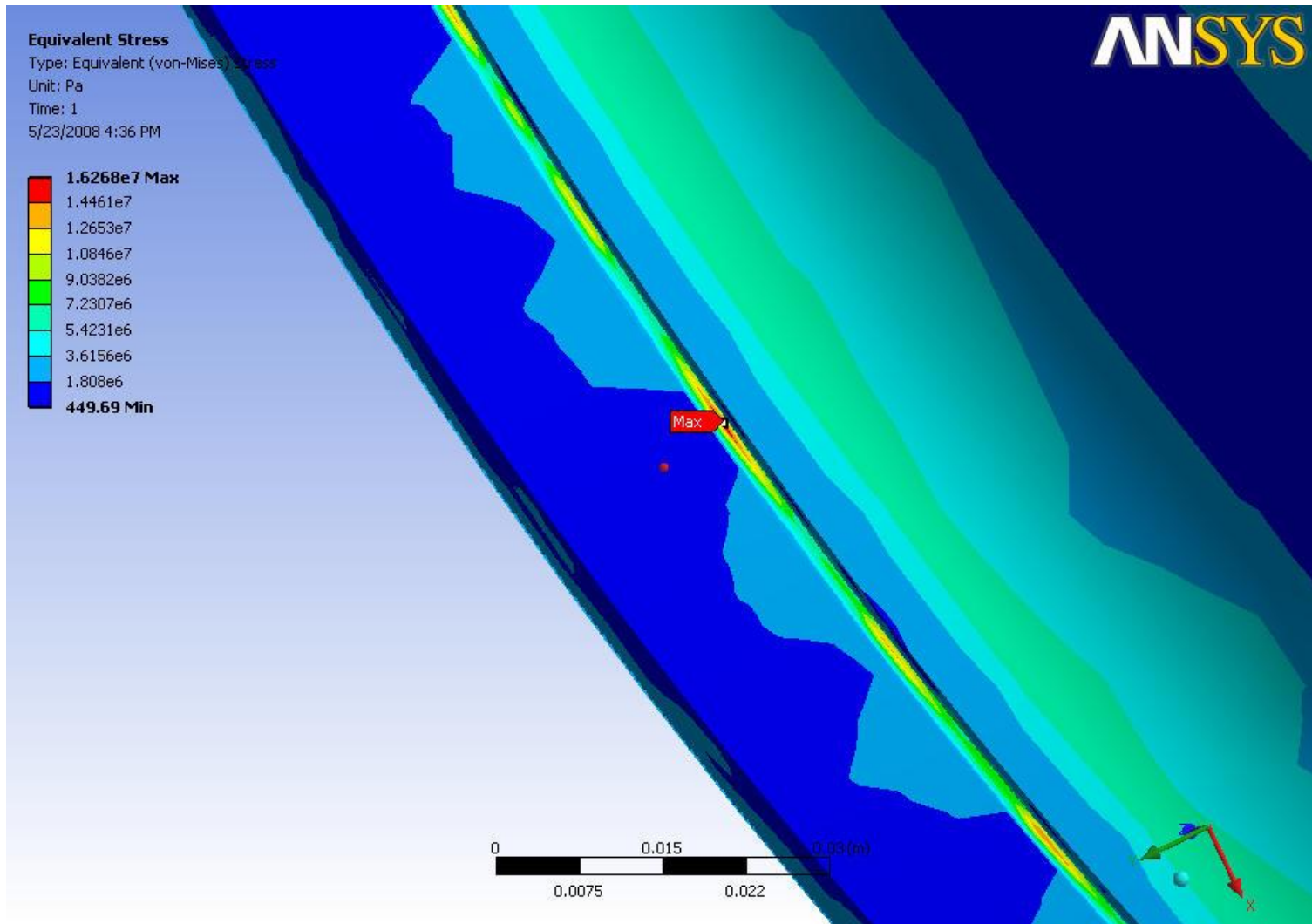


PIMS: MAXIMUM STRESS POINT, WELD DETAIL



CERN - TS Department

Ricardo de Morais Amaral 23/05/2008

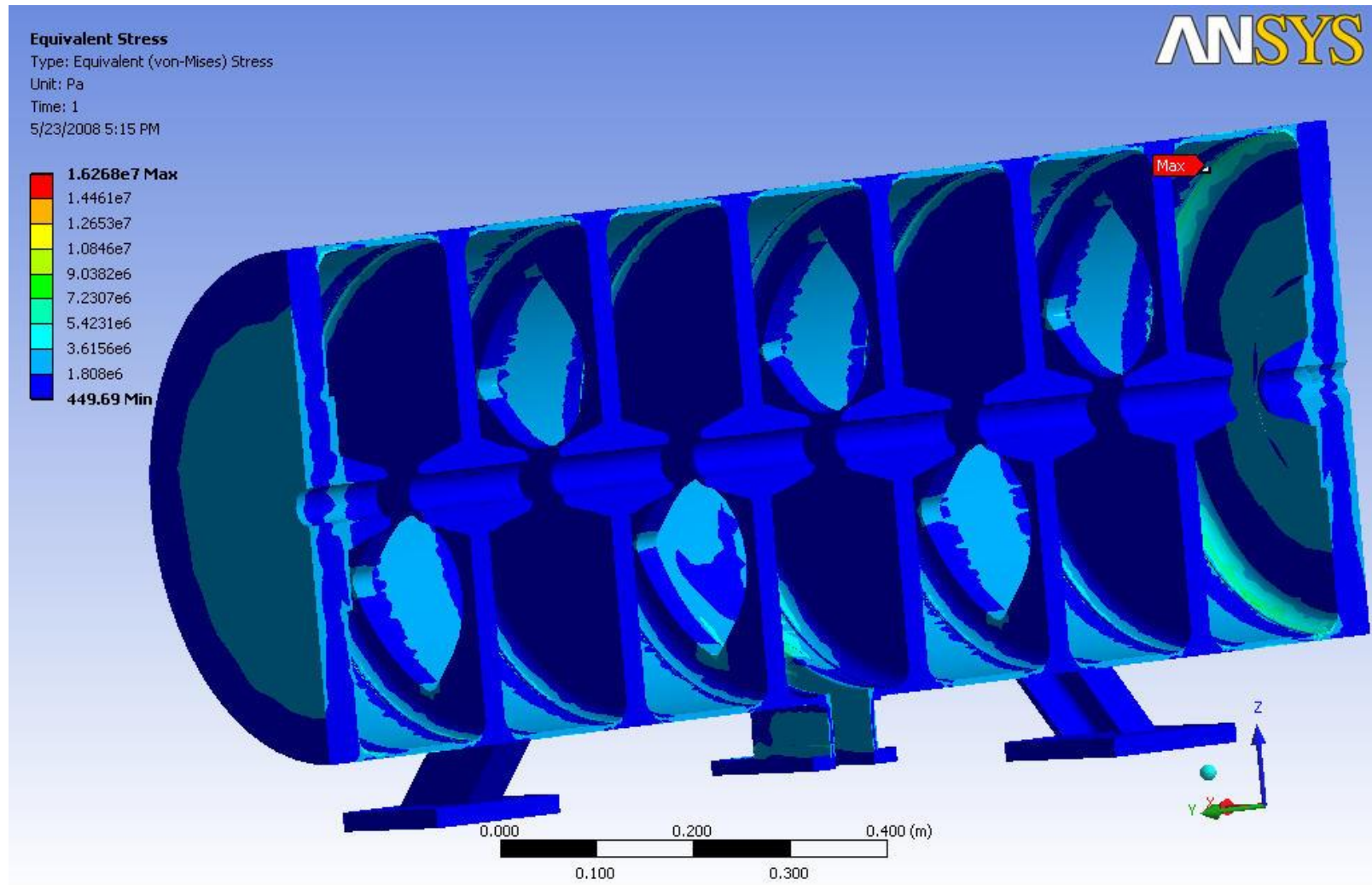


PIMS: MAXIMUM STRESS POINT, WELD DETAIL



CERN - TS Department

Ricardo de Morais Amaral 23/05/2008



PIMS: STRESS ON THE COUPLING SLOTS