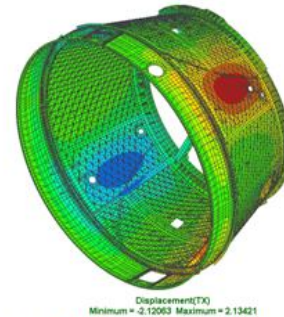
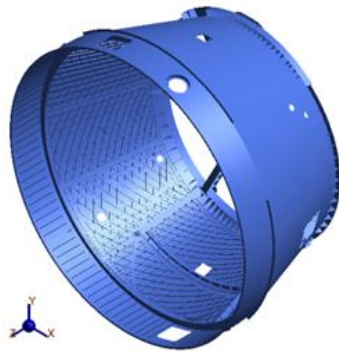
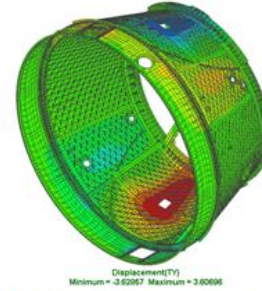
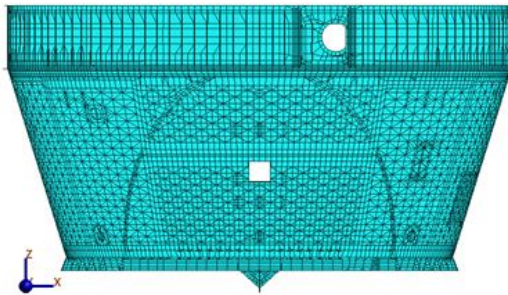


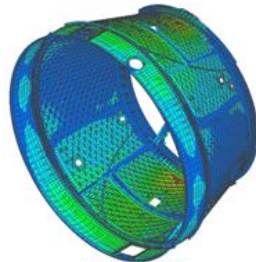
Static analysis of base shroud structure of a typical large launch vehicle



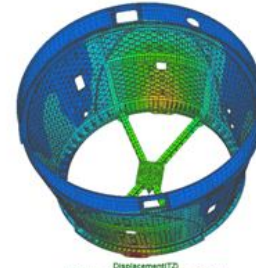
Displacement of CBS structure in 'x' direction- radial direction



Displacement of CBS structure in 'y' direction- circumferential



Von-Mises stress developed on CBS structure



Displacement of CBS structure in 'z' direction- axial direction

Element type:	Quadrilateral shell		
Finite element statistics	Number of elements	Number of nodes	Degrees of freedom
:	40276	31433	186432

Output parameter	Component	FEAST ^{SMT}	NISA [®]
Displacement	T _z	5.93	6.11
Stress	von-Mises	238.59	241.32