



### MDM Reduced Order Model Predictions

Accurate prediction for reduced order models was studied. A finite element model of a Monolithic Dynamic Mockup MDM was generated and a reduced order model was developed using the System Equivalent Reduction Expansion Process SEREP. This reduced order model was correlated and updated based on previously collected modal test data. Impulsive excitations were also collected along with system response and used to compare with the results of the updated reduced order model. Very good correlation was achieved from this work.

