



Analysis of REESS fire during vibration test

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■ Analysis of cause

Fatigue accumulation due to vertical vibration



Vulnerable part of module retention bracket has broken



Removed modules are constantly exposed to up and down shocks



Accumulated damage to modules causes TR



TP in REESS

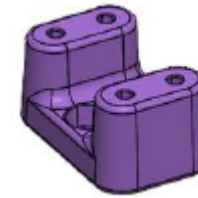


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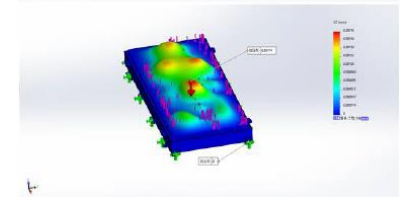
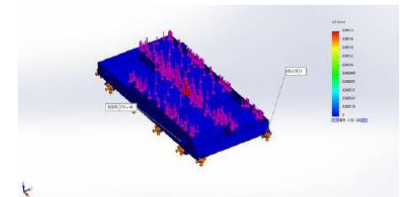
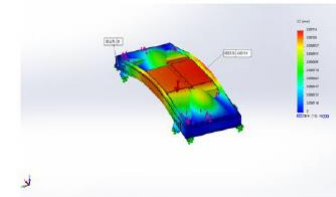
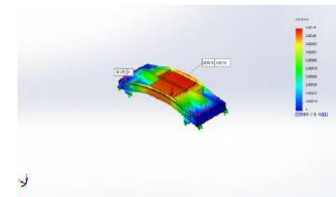
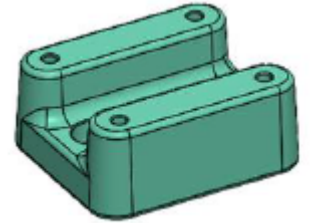


Bracket Improvement

Before



After



Simulation results with reduced Z-axis displacement at intermediate position and reduced area of stress damage in frame body