

Special Test Request Form	STR Number <u> 1 </u>
Part 1 – Test Definition Section	
Test Requestor: Ken Fouts	
Test Purpose and Justification: Determine if the loads induced by the fully assembled LAT on the grid causes deflections in the grid corner mount brackets that will complicate the removal and reattachment of the grid perimeter ring to the grid.	
Test Description: Assemble the grid with tower mass simulators in the integration stand. Rotate the assembly with the rotation motor 3 times. Lift the grid/gpr assembly out of the stand and place on supports at the spacecraft flexure interface points. Off load the L brackets at the grid interface using a hydraset. Remove pins and lift GPR away from the assembly. Reinstall the GPR by locating it over the grid with the crane. Use the hydraset to lower the grid onto the L bracket. Install pins and torque.	
GSE Configuration: Not applicable	
LAT Configuration: Grid with CAL plates and tower mass simulators installed.	
Expected Results/Acceptance Criteria: ?????	
Expected Duration: 1 Day	
Expected Analysis Duration: N/A	
Test Procedure: Needs to be developed	
Test Script: N/A	

Part 2 – Impact Assessment Section			
Procedure development: 4 hours We will need to design and fabricate stand offs that support the grid at the spacecraft flexure interface.			
Script development and checkout: N/A			
Impact to schedule: 1 Day			
Risk Assessment: TBD			
Required Resources:			
Other Affected Parties: Mechanical, Design Integration			
Part 3: Signature Approval:			
Required Authorizations	Printed Name	Signature	Date
Quality	Darren Marsh		
I&T	Elliott Bloom		
Program Office	Dick Horn		
Systems Engineering	Pat Hascall		
Affected S/S managers			
Instrument Scientist	N/A		
Martin Nordby			
Marc Campell			
Other			
Other			