

Special Test Request Form	STR Number 11
Part 1 – Test Definition Section	
Test Title: Calibration Infrastructure Check	Test Requestor: Eduardo do Couto e Silva
<p>Test Purpose and Justification: Run 1 hour of baseline run 1/3 The purpose is to check calibration infrastructure for four tower tests so that we minimize potential pipeline problems during normal data taking</p>	
<p>Test Description: Take 1 hour of cosmic rays with 4 Towers in vertical orientation using the end-to-end data taking script using configuration 1/3</p>	
<p>GSE Configuration: Current configuration used for end to end runs. No impact</p>	
<p>LAT Configuration: Current configuration. (Vertical orientation without muon telescope). No impact.</p>	
<p>Expected Results/Acceptance Criteria: Data collection completes with no errors.</p>	
<p>Expected Duration: 1 hour</p>	
<p>Expected Analysis Duration: N/A</p>	
<p>Test Procedure:</p> <ol style="list-style-type: none"> 1. Run Aliveness test to ensure instrument is powered 2. Run test 1/3 There should be only very minor impact to operations since it can use same procedures used for 2 tower tests 	
<p>Test Script: Same as data taking for end to end runs. No impact</p>	

Part 2 – Impact Assessment Section			
Procedure development: The procedure is the same as existing end to end tests- No impact.			
Script development and checkout: Scripts are already in place. No impact			
Impact to schedule: One hour			
Risk Assessment: Procedure does not have risks.			
Required Resources: GASU based test stand without muon telescope at building 33. Please notify Eduardo do Couto e Silva and/or Anders Borgland when the test starts. Needs presence of an operator for equipment power on/off at start and end of each test period.			
Other Affected Parties:			
Part 3: Signature Approval:			
Required Authorizations	Printed Name	Signature	Date
Quality	Joe Cullinan	(Signature on file)	5/27/05
I&T	Elliott Bloom	(Signature on file)	5/27/05
Program Office	N/A		
Systems Engineering	Pat Hascall	(Signature on file)	5/27/05
Affected S/S managers	N/A		
Instrument Scientist	Steve Ritz or Eduardo do Couto e Silva	(Signature on file)	5/27/05
Other	N/A		
Other	N/A		
Other	N/A		
Other	N/A		