13.1 COVER SHEET

Program: GLAST

Procedure Number: LAT-TD-4267-02

Procedure Title: Test for EGSE ACD G3 Test Stand

Paragraph Number: 13.2 - 13.6

Paragraph Title: 

Unit S/N: LAT1145

REVIEWED AND APPROVED BY THE FOLLOWING:

Responsible Engineer: [Signature] Date: 8/17/2004

Test Operator: [Signature] Date: 8/16/04

Quality Assurance: [Signature] Date: 8/16/04

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LAT-TD-04267 Page 33
13.2 Verification that G3 Test-Stand is functional

1) Turn on 28V bench supply to primary GASU (use JL40)
2) Boot VME-SBC
3) Boot successful: Yes/No:
4) Start LATTE (see I&T LATTE instructions)
5) Check current of 28V supply, should be nominal 280 mA +/- 50 mA
   1) Reading: 0.24 A
6) Run AEM test scripts
7) Power off to primary GASU
8) Turn power on to redundant GASU (bench-supply is now plugged into JL41)
9) Start LATTE (see I&T LATTE instructions)
10) Check current of 28V supply, should be nominal 280 mA +/- 50 mA
    3) Reading: 0.24 A
11) Run AEM test scripts
12) Turn power off redundant GASU

<table>
<thead>
<tr>
<th>GASU</th>
<th>Redundant</th>
<th>Primary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vdd</td>
<td>184 cts/amp</td>
<td>142 cts/amp</td>
</tr>
<tr>
<td>Gasu VOP</td>
<td>3.41 volts</td>
<td>2.42 volts</td>
</tr>
<tr>
<td>Gasu Temp</td>
<td>2499 cts</td>
<td>2986 cts</td>
</tr>
</tbody>
</table>

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LAT-TD-04267

Page 34