



<p><b>Blank Field Event Files</b></p> <p>BKGRND acis/bcf/bkgrnd/</p>	<p><b><i>-120 C CTI-corrected (2000/12/01–Present):</i></b>                  acis0iD2000–12–01bkgrnd_ctiN0004.fits                  acis1iD2000–12–01bkgrnd_ctiN0004.fits                  acis1sD2000–12–01bkgrnd_ctiN0005.fits                  acis2iD2000–12–01bkgrnd_ctiN0004.fits                  acis2sD2000–12–01bkgrnd_ctiN0005.fits                  acis3iD2000–12–01bkgrnd_ctiN0004.fits                  acis3sD2000–12–01bkgrnd_ctiN0005.fits                  acis5sD2000–12–01bkgrnd_ctiN0001.fits                  acis6iD2000–12–01bkgrnd_ctiN0004.fits                  acis6sD2000–12–01bkgrnd_ctiN0005.fits                  acis7iD2000–12–01bkgrnd_ctiN0001.fits                  acis7sD2000–12–01bkgrnd_ctiN0001.fits                  acis8iD2000–12–01bkgrnd_ctiN0001.fits                  acis8sD2000–12–01bkgrnd_ctiN0001.fits</p> <p><i>ACIS Stowed background files:</i>                  acis0D2000–12–01bgstow_ctiN0004.fits                  acis1D2000–12–01bgstow_ctiN0004.fits                  acis2D2000–12–01bgstow_ctiN0002.fits                  acis3D2000–12–01bgstow_ctiN0004.fits                  acis5D2000–12–01bgstow_ctiN0001.fits                  acis6D2000–12–01bgstow_ctiN0004.fits                  acis7D2000–12–01bgstow_ctiN0001.fits</p>	<p>2007–09–14T14:00:00</p>	<p><u>3.4.1</u></p>	<p><u>README</u>  <u>Experiment files</u> (not fo</p>
	<p><b><i>-120 C non-CTI-corrected (2000/12/01–Present):</i></b>                  acis1sD2000–12–01bkgrndN0001.fits                  acis2sD2000–12–01bkgrndN0005.fits                  acis3sD2000–12–01bkgrndN0005.fits                  acis5sD2000–12–01bkgrndN0005.fits                  acis6sD2000–12–01bkgrndN0005.fits                  acis7sD2000–12–01bkgrndN0005.fits                  acis8sD2000–12–01bkgrndN0005.fits</p> <p>acis0iD2000–12–01bkgrndN0002.fits                  acis1iD2000–12–01bkgrndN0002.fits                  acis2iD2000–12–01bkgrndN0002.fits                  acis3iD2000–12–01bkgrndN0002.fits                  acis6iD2000–12–01bkgrndN0002.fits                  acis7iD2000–12–01bkgrndN0003.fits                  acis8iD2000–12–01bkgrndN0003.fits</p> <p><i>ACIS Stowed background files:</i>                  acis5D2000–12–01bgstowN0003.fits                  acis7D2000–12–01bgstowN0003.fits</p>	<p>2007–09–14T14:00:00</p> <p>2007–05–16T15:00:00</p>	<p><u>3.4.1</u></p> <p><u>3.4.0</u></p>	
	<p><b><i>-120 C CTI-corrected (2000/01/29–2000/12/01):</i></b>                  acis0iD2000–01–29bkgrnd_ctiN0005.fits                  acis1iD2000–01–29bkgrnd_ctiN0005.fits                  acis1sD2000–01–29bkgrnd_ctiN0005.fits</p>	<p>2007–09–14T14:00:00</p>	<p><u>3.4.1</u></p>	

Calibration to CALDB File: ACIS – CALDB 2

	<p>acis2iD2000-01-29bkgrnd_ctiN0005.fits  acis2sD2000-01-29bkgrnd_ctiN0005.fits  acis3iD2000-01-29bkgrnd_ctiN0005.fits  acis3sD2000-01-29bkgrnd_ctiN0005.fits  acis5sD2000-01-29bkgrnd_ctiN0001.fits  acis6iD2000-01-29bkgrnd_ctiN0005.fits  acis6sD2000-01-29bkgrnd_ctiN0005.fits  acis7iD2000-01-29bkgrnd_ctiN0001.fits  acis7sD2000-01-29bkgrnd_ctiN0001.fits  acis8sD2000-01-29bkgrnd_ctiN0001.fits</p>		
	<p><b><i>-120 C non-CTI-corrected (2000/01/29-2000/12/01):</i></b>  acis1sD2000-01-29bkgrndN0005.fits  acis2sD2000-01-29bkgrndN0005.fits  acis3sD2000-01-29bkgrndN0005.fits  acis5sD2000-01-29bkgrndN0005.fits  acis6sD2000-01-29bkgrndN0005.fits  acis7sD2000-01-29bkgrndN0005.fits  acis8sD2000-01-29bkgrndN0005.fits</p> <p>acis0iD2000-01-29bkgrndN0003.fits  acis1iD2000-01-29bkgrndN0003.fits  acis2iD2000-01-29bkgrndN0003.fits  acis3iD2000-01-29bkgrndN0003.fits  acis7iD2000-01-29bkgrndN0004.fits</p>	<p>2007-09-14T14:00:00</p> <p>2007-05-16T15:00:00</p>	<p><u>3.4.1</u></p> <p><u>3.4.0</u></p>
	<p><b><i>-110 C:</i></b>  acis0iD1999-09-16bkgrndN0002.fits  acis1iD1999-09-16bkgrndN0002.fits  acis2iD1999-09-16bkgrndN0002.fits  acis2sD1999-09-16bkgrndN0002.fits  acis3iD1999-09-16bkgrndN0002.fits  acis3sD1999-09-16bkgrndN0002.fits  acis5sD1999-09-16bkgrndN0002.fits  acis6iD1999-09-16bkgrndN0002.fits  acis6sD1999-09-16bkgrndN0002.fits  acis7iD1999-09-16bkgrndN0002.fits  acis7sD1999-09-16bkgrndN0002.fits  acis8sD1999-09-16bkgrndN0002.fits  acis9sD1999-09-16bkgrndN0002.fits</p>	<p>2007-05-16T15:00:00</p>	<p><u>3.4.0</u></p>
	<p><b><i>-100 C:</i></b>  acis6sD1999-08-12bkgrndN0002.fits  acis7iD1999-08-12bkgrndN0003.fits  acis7sD1999-08-12bkgrndN0002.fits</p>	<p>2002-05-16T15:00:00</p>	<p><u>3.4.0</u></p>
<b><i>Time-Dependent Contamination</i></b>	<p>acisD1999-08-13contamN0004.fits  Spatial dependence included!</p>	<p>2004-12-14T17:00:00</p>	<p><u>3.0.0</u></p>
CONTAM acis/bcf/contam/	<p>acisD1999-08-13contamN0003.fits</p>	<p>2004-02-02T21:00:00</p>	<p><u>2.26</u></p>

Calibration to CALDB File: ACIS – CALDB 2

	<p>acisD1999-08-13contamN0002.fits acisD1999-08-13contamN0001.fits</p>			
<p><b>CTI Correction Table and Trap Density Maps</b></p> <p>CTI acis/bcf/cti/</p>	<p><b>-120 C:</b> acisD2000-01-29ctiN0006.fits acisD2002-08-01ctiN0006.fits</p> <p>acisD2000-01-29ctiN0005.fits acisD2002-08-01ctiN0005.fits</p> <p>acisD2000-01-29ctiN0004.fits</p> <p>acisD2000-01-29ctiN0002.fits</p>	<p>2006-12-15T14:00:00</p> <p>2005-11-16T17:00:00</p> <p>2005-06-23T10:00:00</p> <p>2002-11-08T00:00:00</p>	<p><u>3.3.0</u></p> <p><u>3.2.0</u></p> <p><u>3.1.0</u></p> <p><u>2.18</u></p>	
<p><b>Position-Dependent Gains</b></p> <p>DET_GAIN acis/bcf/gain/</p> <p><i>Note:</i> before radiation damage, FI chips had no gain shift with temperature.</p> <p>(-110 C v5 and -120 C v2 &amp; 3: all files within each version contain same data; extras added for Summer 2000 CAL ObsIDs)</p>	<p><b>-90 C:</b> acisD1999-07-22gainN0002.fits</p>	<p>2000-03-26T05:00:00</p>	<p><u>1.0</u></p>	<p>FI: <u>gain.da</u> BI: <u>gain ta</u></p>
	<p><b>-100 C:</b> acisD1999-08-13gainN0002.fits</p>	<p>2001-01-25T18:00:00</p>	<p><u>1.0</u></p>	<p>FI: <u>gain.da</u> BI: <u>gain ta</u></p>
	<p><b>-110 C:</b> acisD1999-09-16gainN0006.fits acisD1999-09-16gainN0005.fits acisD2000-07-03gainN0005.fits acisD2000-07-05gainN0005.fits acisD2000-08-11gainN0005.fits acisD1999-09-16gainN0004.fits</p> <p><i>acisD*gainN0005.fits files obsolete as of CALDB 3.4.3</i> <i>v4 obsolete as of CALDB 2.2</i></p>	<p>2008-03-24T16:00:00 2001-02-14T19:00:00</p> <p>2000-06-12T15:25:00</p>	<p><u>3.4.3</u> <u>2.2</u></p> <p><u>1.2</u></p>	<p><b>v6:</b> BI chip 2, non CTI -120C. FI chip gain <u>gain tables</u></p>
	<p><b>-120 C:</b> acisD2000-01-29gainN0005.fits acisD2000-07-04gainN0005.fits acisD2000-07-06gainN0005.fits acisD2000-08-12gainN0005.fits acisD2000-01-29gainN0004.fits acisD2000-07-04gainN0004.fits acisD2000-07-06gainN0004.fits acisD2000-08-12gainN0004.fits acisD2000-01-29gainN0003.fits acisD2000-07-04gainN0003.fits acisD2000-07-06gainN0003.fits acisD2000-08-12gainN0003.fits acisD2000-01-29gainN0002.fits acisD2000-07-04gainN0002.fits acisD2000-07-06gainN0002.fits acisD2000-08-12gainN0002.fits</p>	<p>2005-12-15T16:00:00</p> <p>2004-11-19T17:00:00</p> <p>2001-08-07T18:00:00</p> <p>2001-02-14T19:00:00</p>	<p><u>3.2.1</u></p> <p><u>2.29</u></p> <p><u>2.7</u></p> <p><u>2.2</u></p>	<p><b>v5:</b> BI chip 2, non CTI chip gains <b>v3 and v4:</b> directly from</p> <p><b>v2:</b> <u>gain ta</u></p> <p><b>v1:</b> <u>gain ta</u></p>

Calibration to CALDB File: ACIS – CALDB 2

	<p>acisD2000-01-29gainN0001.fits</p> <p><i>v4 obsolete as of CalDB 3.2.1</i>  <i>v3 obsolete as of CalDB 2.29</i>  <i>v2 obsolete as of CALDB 2.7</i>  <i>v1 obsolete as of CALDB 2.2</i></p>	2000-06-12T15:25:00	<u>1.2</u>	
	<p><b>-120 C for CTI-corrected data:</b></p> <p>acisD2000-01-29gain_ctiN0006.fits  acisD2000-01-29gain_ctiN0005.fits  acisD2000-01-29gain_ctiN0004.fits  acisD2000-01-29gain_ctiN0003.fits</p> <p><b>Version 3: This is a PHASE 2 gain;</b>  <i>compatible with mkacisrmf;</i>  <i>processing default file as of 12/14/2004.</i></p> <p>acisD2000-01-29gain_ctiN0002.fits  acisD2000-01-29gain_ctiN0001.fits</p>	<p>2006-12-15T14:00:00  2005-11-16T17:00:00  2005-06-23T10:00:00  2004-12-14T17:00:00</p> <p>2004-11-19T17:00:00  2002-11-08T00:00:00</p>	<p><u>3.3.0</u>  <u>3.2.0</u>  <u>3.1.0</u>  <u>3.0.0</u></p> <p><u>2.29</u>  <u>2.18</u></p>	
<p><b>Time-Dependent Gain Correction</b></p> <p>T_GAIN  acis/bcf/t_gain/</p>	<p>acisD2000-01-29t_gainN0006.fits  acisD2000-05-01t_gainN0006.fits  acisD2000-08-01t_gainN0006.fits  acisD2000-11-01t_gainN0006.fits  acisD2001-02-01t_gainN0006.fits  acisD2001-05-01t_gainN0006.fits  acisD2001-08-01t_gainN0006.fits  acisD2001-11-01t_gainN0006.fits  acisD2002-02-01t_gainN0006.fits  acisD2002-05-01t_gainN0006.fits  acisD2002-08-01t_gainN0006.fits  acisD2002-11-01t_gainN0006.fits  acisD2003-02-01t_gainN0006.fits  acisD2003-05-01t_gainN0006.fits  acisD2003-08-01t_gainN0006.fits  acisD2003-10-19t_gainN0006.fits  acisD2003-11-18t_gainN0006.fits  acisD2004-01-01t_gainN0006.fits  acisD2004-02-01t_gainN0006.fits  acisD2004-05-01t_gainN0006.fits  acisD2004-08-01t_gainN0006.fits  acisD2004-11-01t_gainN0006.fits  acisD2005-02-01t_gainN0006.fits  acisD2005-05-01t_gainN0006.fits  acisD2005-08-02t_gainN0006.fits  acisD2005-11-01t_gainN0006.fits  acisD2006-02-01t_gainN0006.fits  acisD2006-05-01t_gainN0006.fits  acisD2006-08-01t_gainN0006.fits  acisD2006-11-01t_gainN0006.fits  acisD2007-02-01t_gainN0006.fits  acisD2007-05-01t_gainN0006.fits  acisD2007-08-01t_gainN0006.fits  acisD2007-11-01t_gainN0006.fits</p>	<p>2006-12-15T14:00:00</p> <p>2007-05-16T15:00:00  2007-09-14T14:00:00  2007-12-13T17:30:00  2008-03-24T16:00:00  2008-06-16T16:30:00</p>	<p><u>3.3.0</u></p> <p><u>3.4.0</u>  <u>3.4.1</u>  <u>3.4.2</u>  <u>3.4.3</u>  <u>3.4.5</u></p>	<p>con  con  CT  on  off</p>



Calibration to CALDB File: ACIS – CALDB 2

acis/bcf/evtsplt/				
<b>Good Time Interval Limits</b>  GTI_LIM acis/bcf/gtilim/	acisD2002-11-15gtilimN0003.fits acisD2002-11-15gtilimN0002.fits acisD2002-11-15gtilimN0001.fits  <i>v1 retired as of CALDB 2.21</i>	2004-07-01T13:00:00 2003-02-14T16:00:00 2002-11-29T14:00:00	<a href="#"><u>2.27</u></a> <a href="#"><u>2.21</u></a> <a href="#"><u>2.19</u></a>	
	acisD1999-07-22gtilimN0006.fits acisD1999-07-22gtilim_secN0005.fits acisD1999-07-22gtilimN0005.fits acisD1999-07-22gtilimN0004.fits acisD1999-07-22gtilim_secN0004.fits  <i>v4 &amp; 5 (but not "secN0005") retired as of CALDB 2.21</i>	2004-07-01T13:00:00  2003-02-14T16:00:00 2002-08-15T13:45:00	<a href="#"><u>2.27</u></a>  <a href="#"><u>2.21</u></a> <a href="#"><u>2.16</u></a>	
	acisD1999-07-22gtilimN0003.fits acisD1999-07-22gtilimN0002.fits  <i>v2 &amp; 3 retired as of CALDB 2.16</i>	2001-06-01T19:59:00 2000-03-26T00:00:00	<a href="#"><u>1.0</u></a> <a href="#"><u>2.6</u></a>	
<b>Mean Quantum Efficiency</b> (includes OBF transmission)  QE acis/bcf/qe/	acisD1997-04-17qeN0006.fits acisD1997-04-17qeN0005.fits acisD1997-04-17qeN0004.fits acisD1997-04-17qeN0003.fits  <i>V4 deprecated with CONTAM v3, as of CALDB 2.26</i>	2006-12-15T14:00:00 2004-08-11T17:00:00 2001-06-01T19:59:00 2000-09-07T00:00:00	<a href="#"><u>3.3.0</u></a> <a href="#"><u>2.28</u></a> <a href="#"><u>2.6</u></a> <a href="#"><u>2.0</u></a>	Re IO, aci
<b>Quantum Efficiency Uniformity</b>  QEU acis/bcf/qe/	acisD1996-11-01qeuN0001.fits –110 C/CTI: acisD1999-09-16qeuN0002.fits –120 C/CTI: acisD2000-01-29qeuN0006.fits acisD2000-01-29qeuN0005.fits  acisD2000-01-29qeuN0002.fits acisD2000-01-29qeuN0001.fits	Pre-existing file  2000-12-01T13:00:00  2006-12-15T14:00:00  2004-08-11T17:00:00 2000-09-06T00:00:00	<a href="#"><u>1.0</u></a>  <a href="#"><u>2.0</u></a>  <a href="#"><u>3.3.0</u></a>  <a href="#"><u>2.28</u></a> <a href="#"><u>2.0</u></a>	
<b>Order-Sorting and Integrated Probability Table</b>  OSIP acis/cpf/osip/	<b>ACIS-S –90 C:</b> acisD1999-07-22osipN0004.fits	2000-11-20T17:00	<a href="#"><u>1.8</u></a>	
	<b>ACIS-S –100 C:</b> acisD1999-08-13osipN0005.fits acisD1999-08-13osipN0004.fits  <i>v4 retired as of CALDB 2.6</i>	2001-06-01T19:59 2000-11-20T17:00	<a href="#"><u>2.6</u></a> <a href="#"><u>1.8</u></a>	
	<b>ACIS-S –110 C:</b> acisD1999-09-16osipN0007.fits acisD2000-08-11osipN0007.fits acisD1999-09-16osipN0006.fits	2008-09-05T16:00  2004-02-02T21:00	<a href="#"><u>3.5.0</u></a>  <a href="#"><u>2.26</u></a>	

Calibration to CALDB File: ACIS – CALDB 2

	<p>acisD2000-08-11osipN0006.fits  acisD1999-09-16osipN0005.fits  acisD2000-08-11osipN0005.fits  acisD1999-09-16osipN0004.fits  acisD2000-08-11osipN0004.fits</p> <p>2000-08-11 files contain the same data as the 1999-09-16 files.  v6's retired as of CalDB 3.5.0  v5's retired as of CalDB 2.26  v4 retired as of CALDB 2.5</p>	<p>2001-05-15T17:59   2000-11-20T17:00</p>	<p><u>2.5</u>   <u>1.8</u></p>	
	<p><b>ACIS-S -120 C:</b>  acisD2000-01-29osip_ctiN0006.fits  acisD2000-01-29osip_ctiN0005.fits  acisD2000-01-29osipN0006.fits  acisD2000-08-12osipN0006.fits  acisD2000-01-29osipN0005.fits  acisD2000-08-12osipN0005.fits  acisD2000-01-29osipN0004.fits  acisD2000-08-12osipN0004.fits</p> <p>v6 files contain same data  v5 retired as of CALDB 2.8  v4 retired as of CALDB 2.5</p>	<p>2006-12-15T14:00   2001-08-07T15:30   2001-05-15T17:59   2000-11-20T17:00</p>	<p><u>3.3.0</u>   <u>2.8</u>   <u>2.5</u>   <u>1.8</u></p>	
<p><b>Two-Dimensional Point Spread Function</b></p> <p>2D_PSF  acis/cpf/2dpsf/</p>	<p><b>ACIS-I</b>  <i>type 1:</i> acisi1998-11-052dpsf1N0002.fits  <i>type 2:</i> acisi1998-11-052dpsf2N0002.fits  <i>type 3:</i> acisi1998-11-052dpsf3N0002.fits  <i>type 4:</i> acisi1998-11-052dpsf4N0002.fits</p> <p><b>ACIS-S</b>  <i>type 1:</i> aciss1998-11-052dpsf1N0002.fits  <i>type 2:</i> aciss1998-11-052dpsf2N0002.fits  <i>type 3:</i> aciss1998-11-052dpsf3N0002.fits  <i>type 4:</i> aciss1998-11-052dpsf4N0002.fits</p>	<p>2000-10-26T00:00:00</p>	<p><u>2.0</u></p>	
<p><b>Phase 2 responses</b></p> <p>P2_RESP  acis/cpf/p2_resp/  This file to be used with mkacisrmf</p>	<p>acisD2000-01-29p2_respN0006.fits  acisD2000-01-29p2_respN0005.fits  acisD2000-01-29p2_respN0004.fits  acisD2000-01-29p2_respN0003.fits  acisD2000-01-29p2_respN0002.fits</p> <p>Version N0002 deprecated in CalDB 3.0.3</p>	<p>2006-12-15T14:00:00  2005-11-16T17:00:00  2005-06-23T10:00:00  2005-05-09T16:00:00  2004-12-14T17:00:00</p>	<p><u>3.3.0</u>  <u>3.2.0</u>  <u>3.1.0</u>  <u>3.0.3</u>  <u>3.0.0</u></p>	
<p><b>Fits-Embedded Function</b></p> <p>FEF  acis/cpf/fefs/</p>	<p><b>-90 C PHA:</b>  acisD1999-07-22fef_phaN0002.fits  acisD1999-07-22fef_phaN0001.fits</p> <p>v1 retired as of CALDB 2.18</p>	<p>2002-11-08T00:00:00  2001-02-14T19:00:00</p>	<p><u>2.18</u>  <u>2.2</u></p>	<p><u>ECD files:</u></p>

Calibration to CALDB File: ACIS – CALDB 2

<p><b>-90 C PI:</b>                  acisD1999-07-22fef_piN0001.fits  <i>PI FEFs deprecated as of CalDB 3.0.0</i></p>	<p>2001-02-14T19:00:00</p>	<p><u>2.2</u></p>	
<p><b>-100 C PHA:</b>                  acisD1999-08-13fef_phaN0002.fits                  acisD1999-08-13fef_phaN0001.fits   <i>v1 retired as of CALDB 2.18</i></p>	<p>2002-11-08T00:00:00                  2001-02-14T19:00:00</p>	<p><u>2.18</u>  <u>2.2</u></p>	<p>EC</p>
<p><b>-100 C PI:</b>                  acisD1999-08-13fef_piN0001.fits  <i>PI FEFs deprecated as of CalDB 3.0.0</i></p>	<p>2001-02-14T19:00:00</p>	<p><u>2.2</u></p>	
<p><b>-110 C PHA:</b>                  acisD1999-09-16fef_phaN0002.fits                  acisD1999-09-16fef_phaN0001.fits   <i>v1 retired as of CALDB 2.18</i></p>	<p>2002-11-08T00:00:00                  2001-02-14T19:00:00</p>	<p><u>2.18</u>  <u>2.2</u></p>	<p>EC</p>
<p><b>-110 C PI:</b>                  acisD1999-09-16fef_piN0001.fits  <i>PI FEFs deprecated as of CalDB 3.0.0</i></p>	<p>2001-02-14T19:00:00</p>	<p><u>2.2</u></p>	
<p><b>-120 C PHA:</b>                  acisD2000-01-29fef_phaN0005.fits                  acisD2000-01-29fef_phaN0004.fits                  acisD2000-01-29fef_phaN0003.fits                  acisD2000-01-29fef_phaN0002.fits                  acisD2000-01-29fef_phaN0001.fits   <i>v4 retired as of CalDB 2.29                  v3 retired as of CalDB 2.26                  v2 retired as of CALDB 2.18                  v1 retired as of CALDB 2.7</i></p>	<p>2002-11-19T17:00:00                  2004-02-02T21:00:00                  2002-11-08T00:00:00                  2001-08-07T18:00:00                  2001-02-14T19:00:00</p>	<p><u>2.29</u>  <u>2.26</u>  <u>2.18</u>  <u>2.7</u>  <u>2.2</u></p>	<p>EC</p>
<p><b>-120 C PI:</b>                  acisD2000-01-29fef_piN0002.fits                  acisD2000-01-29fef_piN0001.fits   <i>PI FEFs deprecated as of CalDB 3.0.0                  v1 retired as of CALDB 2.7</i></p>	<p>2001-08-07T18:00:00                  2001-02-14T19:00:00</p>	<p><u>2.7</u>  <u>2.2</u></p>	<p>EC</p>
<p><b>-120 C PHA for CTI-corrected data:</b>                  acisD2000-01-29fef_pha_ctiN0004.fits                  acisD2000-01-29fef_pha_ctiN0003.fits                  acisD2000-01-29fef_pha_ctiN0002.fits</p>	<p>2004-11-19T17:00:00                  2004-02-02T21:00:00                  2003-02-14T16:00:00</p>	<p><u>2.29</u>  <u>2.26</u>  <u>2.21</u></p>	

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## Calibration to CALDB File: ACIS – CALDB 2

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Last modified: 3 September 2008