

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 62318 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 21 2009

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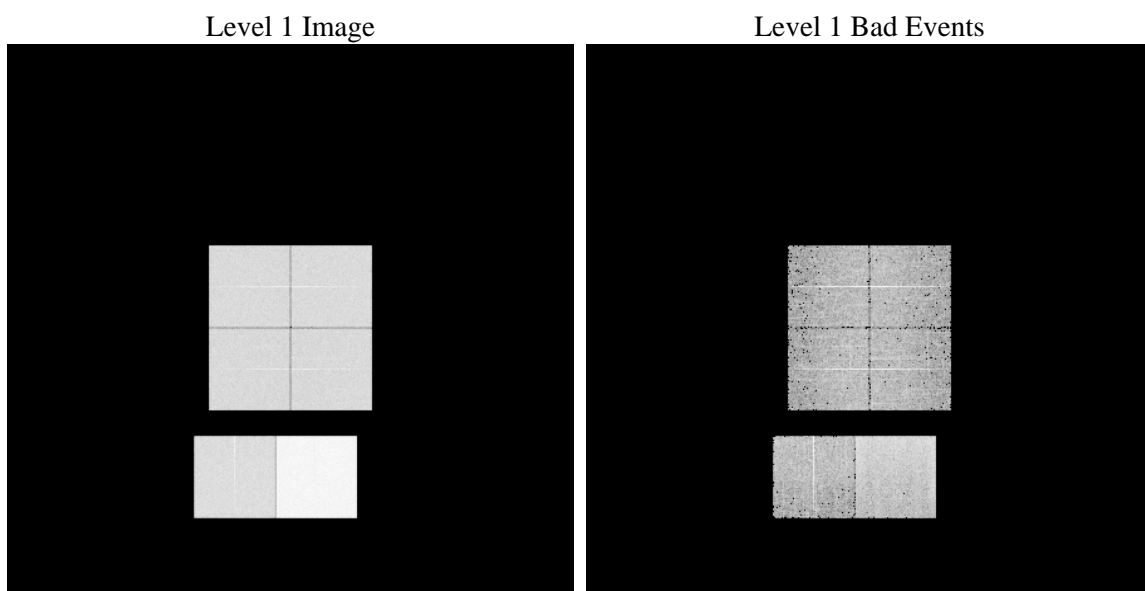
1 Front

seq_num	 	Sequence number
obs_id	62318	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA
dec_targ	0.0	Observer's specified target Dec
ra_nom	153.38496639882	Nominal RA
dec_nom	49.416702092523	Nominal Dec
roll_nom	64.335431736616	Nominal Roll
revision	4	Processing version of data
ontime	4924.7842100039	Sum of GTIs [s]
livetime	4862.4236269878	Livetime [s]
ontime0	1891.197317116	Sum of GTIs [s]
ontime1	1927.961692974	Sum of GTIs [s]
ontime2	1814.566392608	Sum of GTIs [s]
ontime3	1832.8587067127	Sum of GTIs [s]
ontime6	2038.2391032502	Sum of GTIs [s]
ontime7	4924.7842100039	Sum of GTIs [s]
l2events	1301901	Number of level 2 events

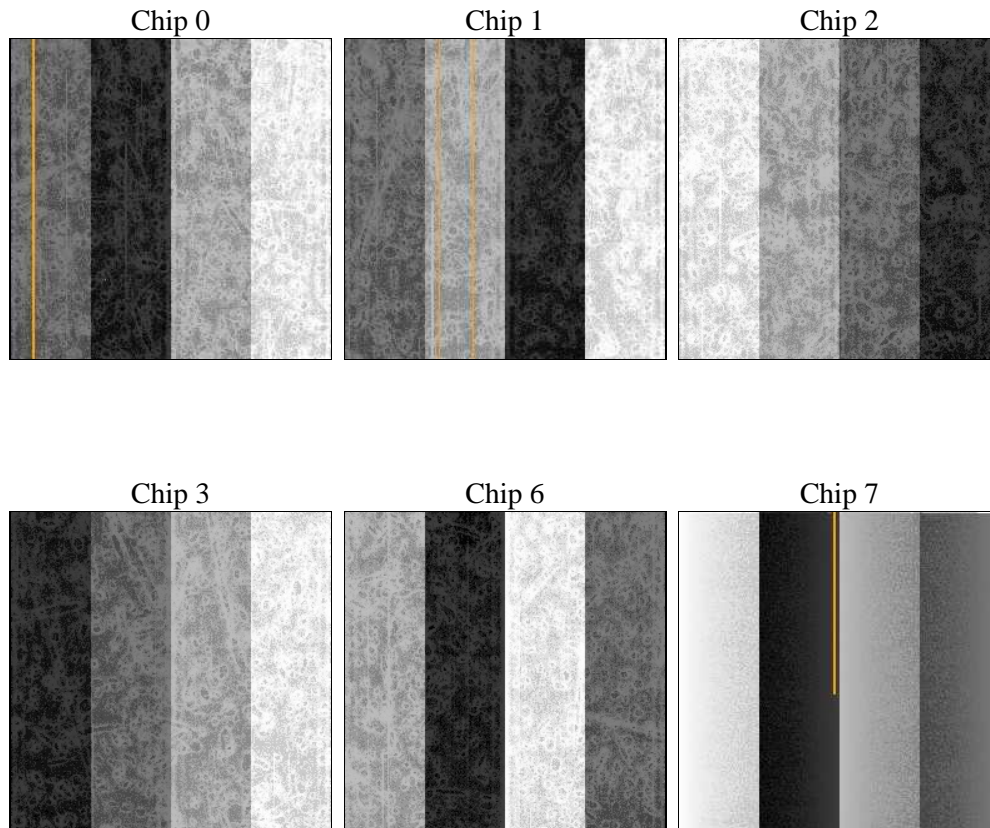
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	<table><tr><td>sched_exp_time</td><td>0.0</td><td>Scheduled observation exposure time</td></tr><tr><td>ontime</td><td>4924.7842100039</td><td>Sum of GTIs [s]</td></tr><tr><td>ontime0</td><td>1891.197317116</td><td>Sum of GTIs [s]</td></tr><tr><td>ontime1</td><td>1927.961692974</td><td>Sum of GTIs [s]</td></tr><tr><td>ontime2</td><td>1814.566392608</td><td>Sum of GTIs [s]</td></tr><tr><td>ontime3</td><td>1832.8587067127</td><td>Sum of GTIs [s]</td></tr><tr><td>ontime6</td><td>2038.2391032502</td><td>Sum of GTIs [s]</td></tr><tr><td>ontime7</td><td>4924.7842100039</td><td>Sum of GTIs [s]</td></tr><tr><td>l1events</td><td>1517575</td><td>Number of level 1 events</td></tr></table>	sched_exp_time	0.0	Scheduled observation exposure time	ontime	4924.7842100039	Sum of GTIs [s]	ontime0	1891.197317116	Sum of GTIs [s]	ontime1	1927.961692974	Sum of GTIs [s]	ontime2	1814.566392608	Sum of GTIs [s]	ontime3	1832.8587067127	Sum of GTIs [s]	ontime6	2038.2391032502	Sum of GTIs [s]	ontime7	4924.7842100039	Sum of GTIs [s]	l1events	1517575	Number of level 1 events
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ontime7	4924.7842100039	Sum of GTIs [s]																												
l1events	1517575	Number of level 1 events																												
ascdsver	8.1.1	ASCDS version number																												
caldsver	4.1.4	 																												
date	2009-11-21T14:15:28	Date and time of file creation																												
revision	3	Processing version of data																												

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	195596	200049	189205	191173	218173	523379
rejected events	27800	28205	29801	28825	32955	54460
rejected %	14%	14%	15%	15%	15%	10%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
Pointing RA	0	153.3849663988218	Alternating exposures requested	N	N
Pointing Dec	0	49.41670209252266	Primary exposure time	3.2	3.2
Pointing Roll	0.0	64.33543173661586			
SIM focus pos (mm)	-0.782348	-1.428180813131781			
SIM defocus (mm)	0	0.1051558262725154			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	58531023.014583	58531022.246106			
Observation start date	1999-11-09T10:37:03	1999-11-09T10:37:02			
Observation end time	58540822.014937	58540821.24646			
Observation end date	1999-11-09T13:20:22	1999-11-09T13:20:21			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.9247842100039

A.2 Comments

This observation was acquired with the focal plane temperature raised from -120C to -110C, for attempted recalibration of ACIS for the 1999-09-16 through 2000-01-28 period. This reprocessing of the data applies no CTI correction because none is available for that temperature.