

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55212 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 20 2012

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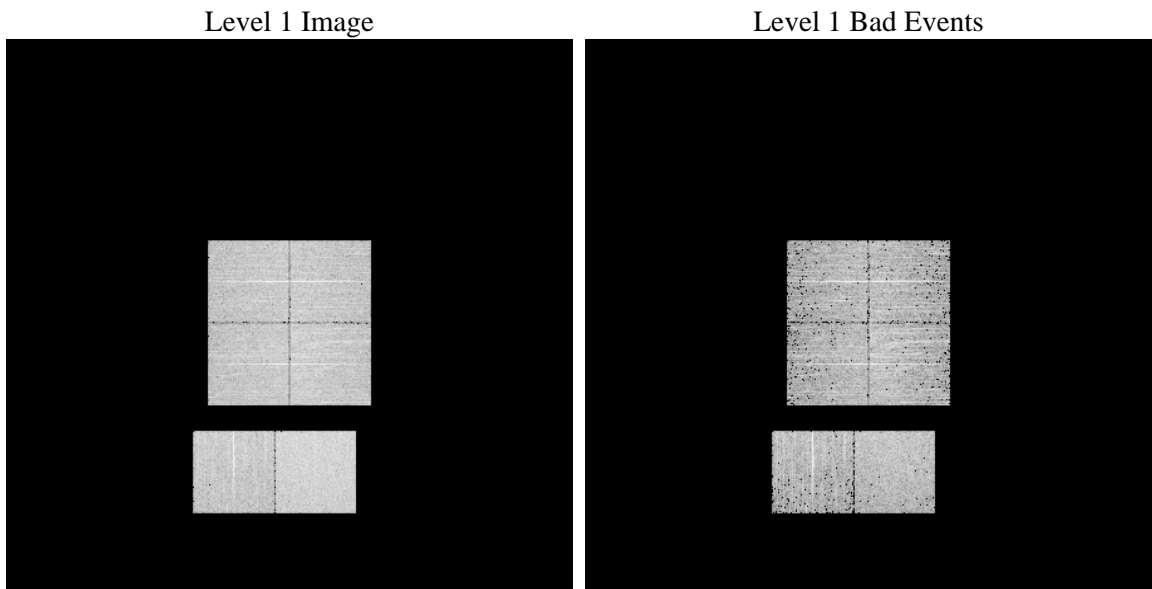
1 Front

seq_num	 	Sequence number
obs_id	55212	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	335.03525856603	Nominal RA [deg]
dec_nom	-42.987439985735	Nominal Dec [deg]
roll_nom	353.203153196	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4357.5335838199	Sum of GTIs [s]
livetime	4302.3558697898	Livetime [s]
ontime0	4357.4925438166	Sum of GTIs [s]
ontime1	4357.4515038133	Sum of GTIs [s]
ontime2	4357.41046381	Sum of GTIs [s]
ontime3	4357.5746238232	Sum of GTIs [s]
ontime6	4357.3694238067	Sum of GTIs [s]
ontime7	4357.5335838199	Sum of GTIs [s]
l2events	156110	Number of level 2 events

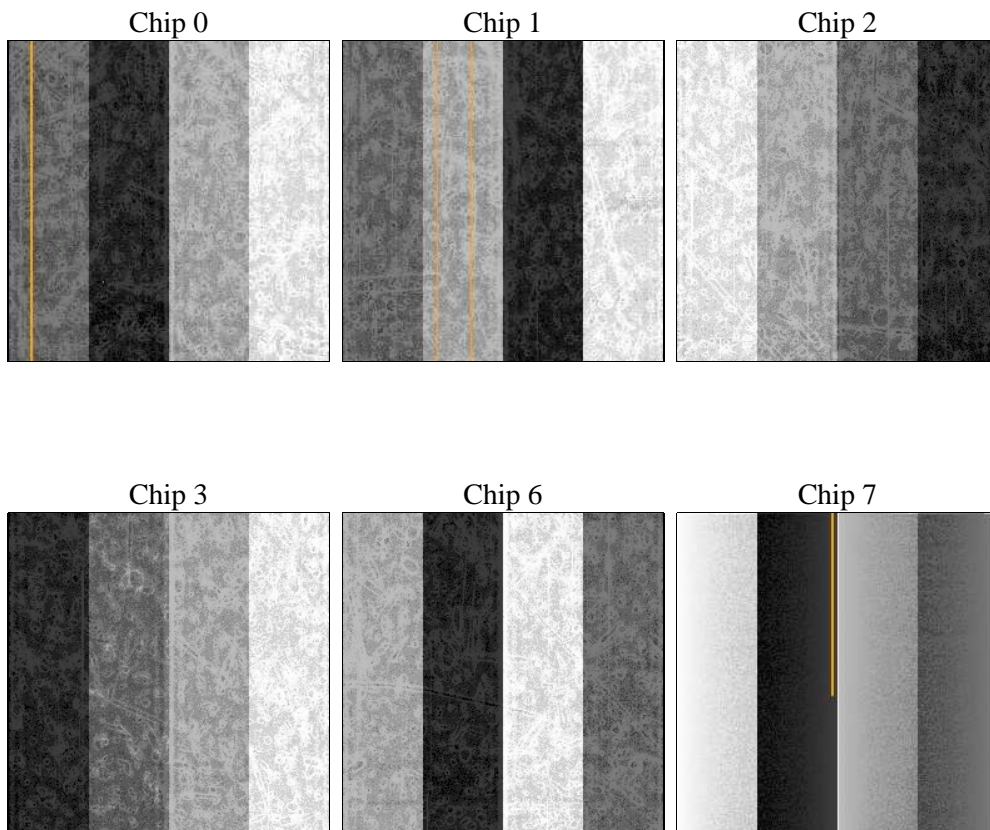
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	4357.5335838199	Sum of GTIs [s]
caldbver	4.4.8	 	ontime0	4357.4925438166	Sum of GTIs [s]
date	2012-02-21T02:36:17	Date and time of file creation	ontime1	4357.4515038133	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4357.41046381	Sum of GTIs [s]
			ontime3	4357.5746238232	Sum of GTIs [s]
			ontime6	4357.3694238067	Sum of GTIs [s]
			ontime7	4357.5335838199	Sum of GTIs [s]
			l1events	335215	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	50273	51666	50735	56669	53887	71985
rejected events	25462	26935	26035	31530	28227	31438
rejected %	50%	52%	51%	55%	52%	43%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	13058	12709	13384	13462	13266	6942
	25%	24%	26%	23%	24%	9%
grade 1 events	76	56	84	71	55	68
	0%	0%	0%	0%	0%	0%
grade 2 events	4573	4774	4285	4402	4698	8670
	9%	9%	8%	7%	8%	12%
grade 3 events	1719	1700	1639	1746	1728	3579
	3%	3%	3%	3%	3%	4%
grade 4 events	1698	1686	1715	1794	1699	3566
	3%	3%	3%	3%	3%	4%
grade 5 events	1724	1809	1597	1967	1848	4970
	3%	3%	3%	3%	3%	6%
grade 6 events	3806	3911	3708	3735	4307	17856
	7%	7%	7%	6%	7%	24%
grade 7 events	23619	25021	24323	29492	26286	26334
	46%	48%	47%	52%	48%	36%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	335.0352585660311	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-42.98743998573468	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	353.2031531959969	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	431149381.32519	431149380.30019			
Observation start date	2011-08-31T03:43:01	2011-08-31T03:43:00			
[s] Observation end time (MET)	431156332.875555	431156331.85056			
Observation end date	2011-08-31T05:38:53	2011-08-31T05:38:51			
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)	2012.02.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.3575335838199

A.2 Comments