

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60741 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 27 2012

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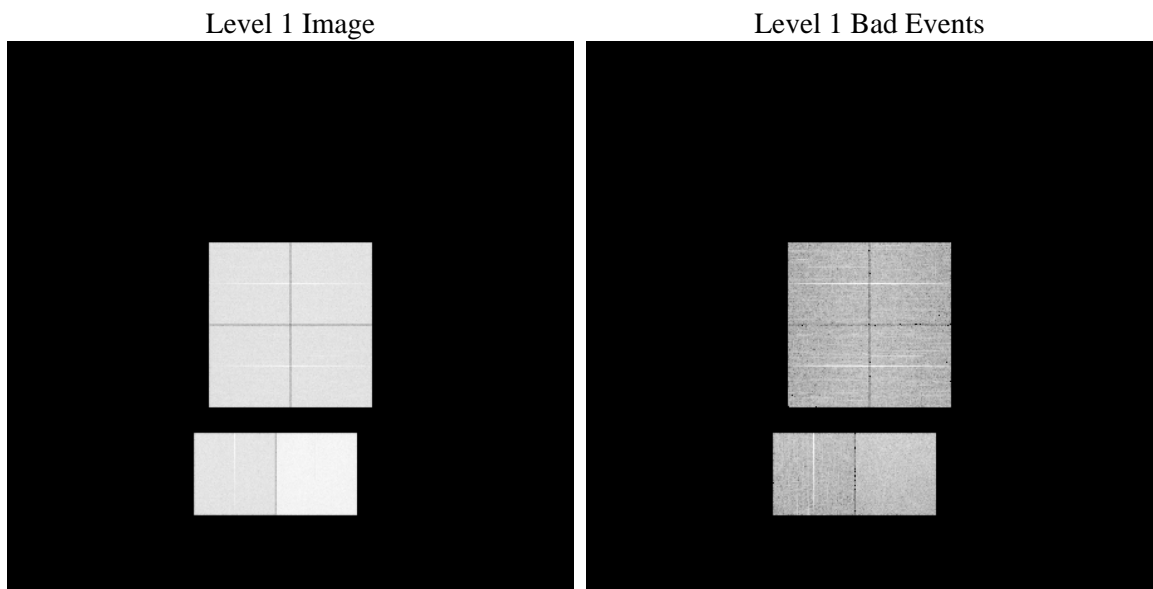
1 Front

seq_num	 	Sequence number
obs_id	60741	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 [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	267.02600625509	Nominal RA [deg]
dec_nom	-72.972470552644	Nominal Dec [deg]
roll_nom	41.625454962195	Nominal Roll [deg]
revision	3	Processing version of data
ontime	14998.376417667	Sum of GTIs [s]
livetime	14808.457944528	Livetime [s]
ontime0	8332.6796247065	Sum of GTIs [s]
ontime1	8613.5756416619	Sum of GTIs [s]
ontime2	8049.6006937921	Sum of GTIs [s]
ontime3	8104.8452017307	Sum of GTIs [s]
ontime6	8448.2014578581	Sum of GTIs [s]
ontime7	14998.376417667	Sum of GTIs [s]
l2events	2251773	Number of level 2 events

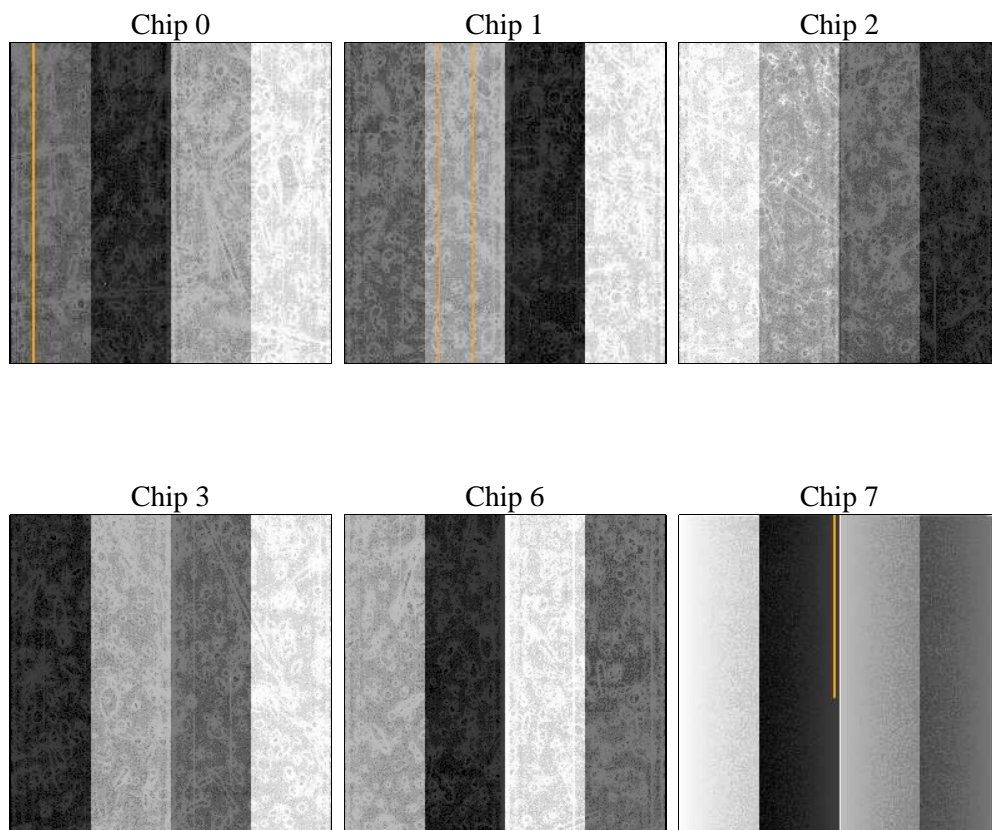
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	14998.376417667	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	8332.6796247065	Sum of GTIs [s]
date	2012-10-27T23:04:02	Date and time of file creation	ontime1	8613.5756416619	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	8049.6006937921	Sum of GTIs [s]
			ontime3	8104.8452017307	Sum of GTIs [s]
			ontime6	8448.2014578581	Sum of GTIs [s]
			ontime7	14998.376417667	Sum of GTIs [s]
			l1events	2713610	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	391471	405508	384348	390355	417120	724808	grade 0 events	185391	191861	184226	185984	193913	164461
rejected events	54562	55208	55013	57753	58355	78522		47%	47%	47%	47%	46%	22%
rejected %	13%	13%	14%	14%	13%	10%	grade 1 events	1072	943	1123	1099	993	467
								0%	0%	0%	0%	0%	0%
							grade 2 events	58372	61862	55436	56736	61614	142405
								14%	15%	14%	14%	14%	19%
							grade 3 events	21873	22078	21487	21484	22149	64759
								5%	5%	5%	5%	5%	8%
							grade 4 events	21749	22320	21275	21722	22459	64618
								5%	5%	5%	5%	5%	8%
							grade 5 events	3899	3861	3548	3825	4138	15184
								0%	0%	0%	0%	0%	2%
							grade 6 events	49524	52179	46911	46676	58630	210043
								12%	12%	12%	11%	14%	28%
							grade 7 events	49591	50404	50342	52829	53224	62871
								12%	12%	13%	13%	12%	8%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	267.0260062550887
[deg] Pointing Dec	0	-72.97247055264437
[deg] Pointing Roll	0.0	41.62545496219534
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	169268229.025997	169268228.0013
Observation start date	2003-05-14T02:57:09	2003-05-14T02:57:08
[s] Observation end time (MET)	169288690.076861	169288689.05216
Observation end date	2003-05-14T08:38:10	2003-05-14T08:38:09
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.998376417667

A.2 Comments