

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60457 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 9 2012

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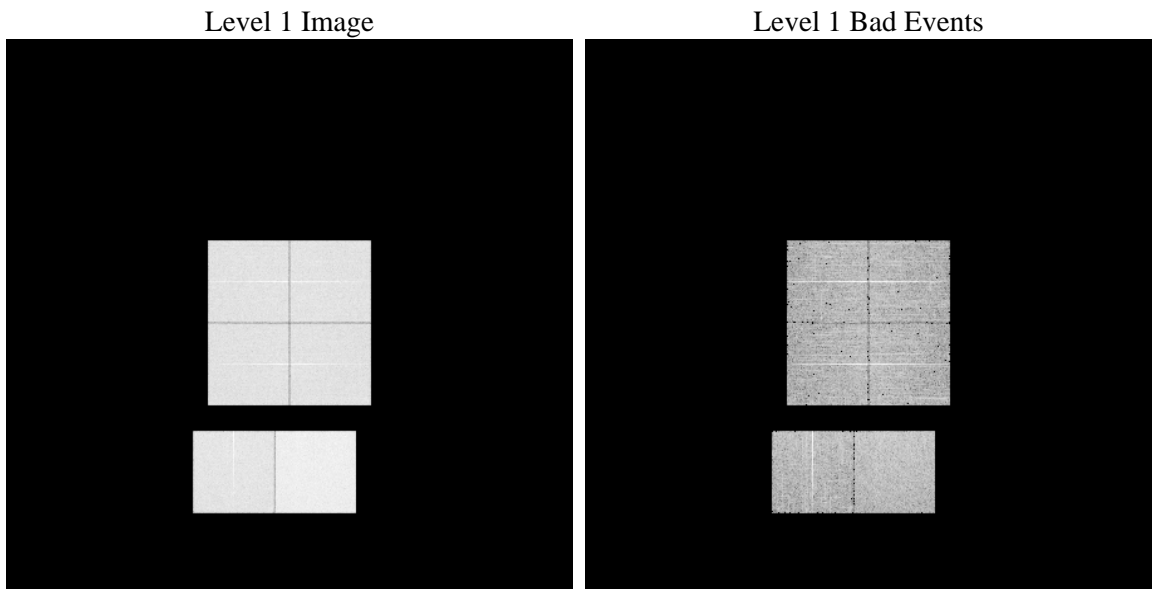
1 Front

seq_num	 	Sequence number
obs_id	60457	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	125.57499223266	Nominal RA [deg]
dec_nom	77.710526661965	Nominal Dec [deg]
roll_nom	125.59724335539	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8367.2750460505	Sum of GTIs [s]
livetime	8261.3235712493	Livetime [s]
ontime0	5706.3948650062	Sum of GTIs [s]
ontime1	5797.1009825766	Sum of GTIs [s]
ontime2	5560.4693318903	Sum of GTIs [s]
ontime3	5499.0535427034	Sum of GTIs [s]
ontime6	5978.5138663054	Sum of GTIs [s]
ontime7	8367.2750460505	Sum of GTIs [s]
l2events	1248409	Number of level 2 events

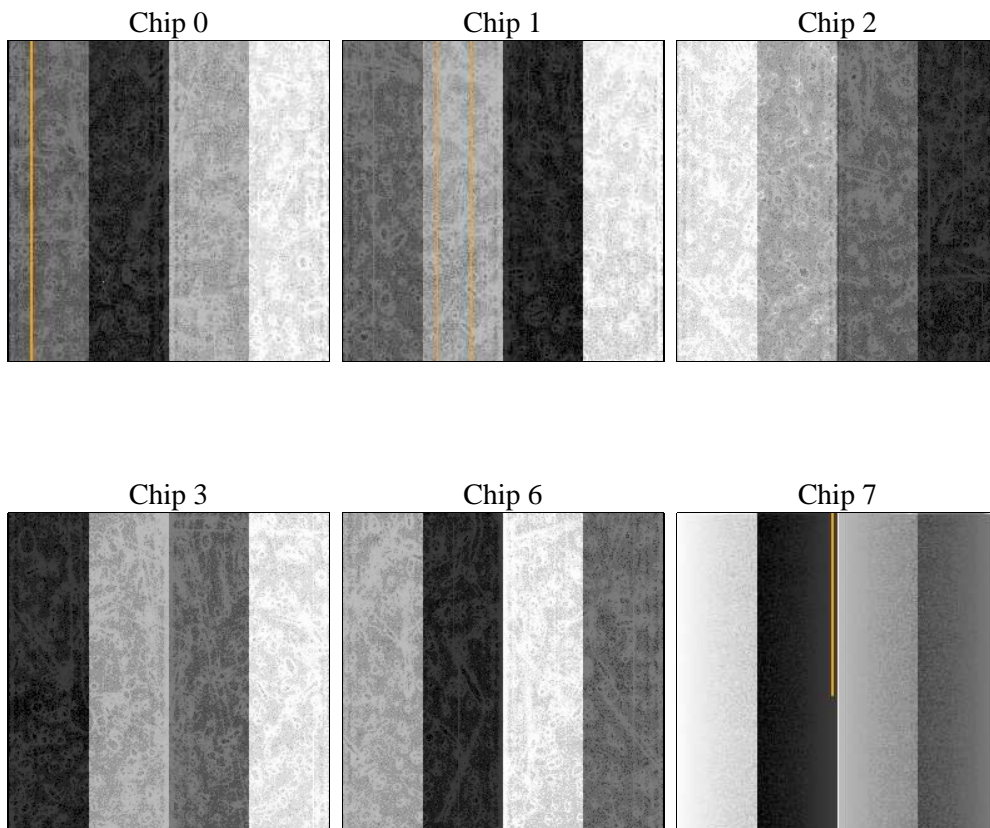
2 OBI

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	8.4.5	Processing system revision	ontime	8367.2750460505	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	5706.3948650062	Sum of GTIs [s]
date	2012-11-09T06:16:49	Date and time of file creation	ontime1	5797.1009825766	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5560.4693318903	Sum of GTIs [s]
			ontime3	5499.0535427034	Sum of GTIs [s]
			ontime6	5978.5138663054	Sum of GTIs [s]
			ontime7	8367.2750460505	Sum of GTIs [s]
			l1events	1537165	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	233807	236420	230330	229851	254969	351788	grade 0 events	110352	111014	110613	109609	118492	77106
rejected events	36492	36133	35274	37083	38942	45114		47%	46%	48%	47%	46%	21%
rejected %	15%	15%	15%	16%	15%	12%	grade 1 events	572	488	658	610	523	210
								0%	0%	0%	0%	0%	0%
							grade 2 events	34781	35844	33462	33111	38081	68249
								14%	15%	14%	14%	14%	19%
							grade 3 events	12880	12909	12672	12696	13649	31372
								5%	5%	5%	5%	5%	8%
							grade 4 events	12875	12916	12701	12504	13514	31050
								5%	5%	5%	5%	5%	8%
							grade 5 events	2342	2318	2197	2463	2655	7890
								1%	0%	0%	1%	1%	2%
							grade 6 events	29033	29818	27810	26856	35154	102497
								12%	12%	12%	11%	13%	29%
							grade 7 events	30972	31113	30217	32002	32901	33414
								13%	13%	13%	13%	12%	9%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	125.574992232656	Alternating exposures requested	N	N
[deg] Pointing Dec	0	77.71052666196515	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	125.5972433553898			
[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)	187371574.801256	187371573.77655			
Observation start date	2003-12-09T15:39:35	2003-12-09T15:39:33			
[s] Observation end time (MET)	187392884.55218	187392883.52747			
Observation end date	2003-12-09T21:34:45	2003-12-09T21:34:43			
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)	2012.12.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3672750460505

A.2 Comments