

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58879 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 5 2012

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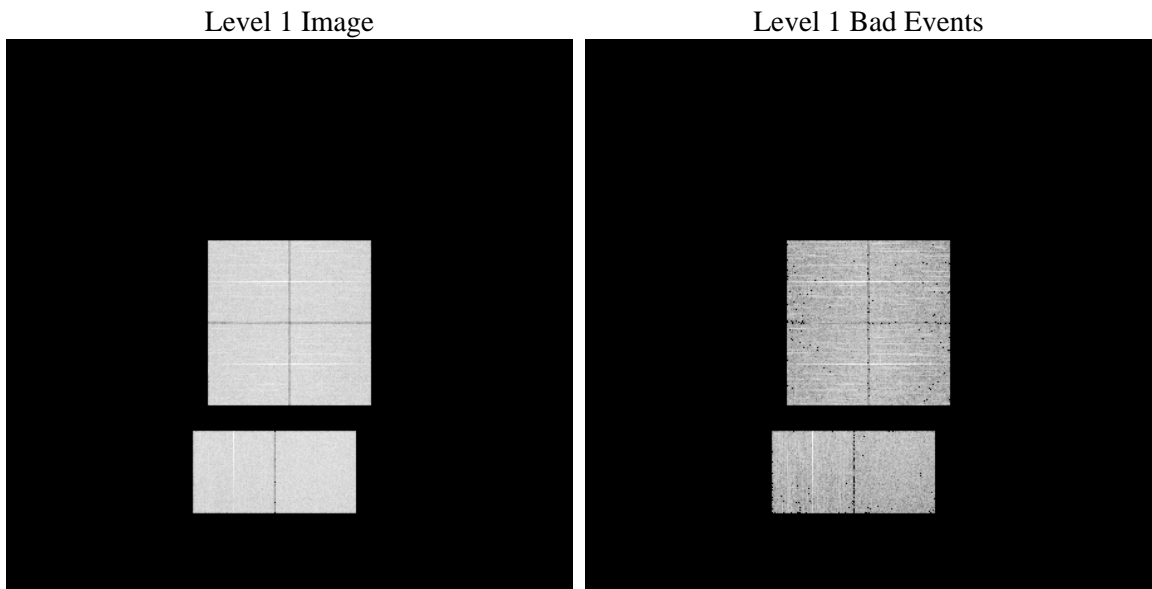
1 Front

seq_num	 	Sequence number
obs_id	58879	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	324.97924906577	Nominal RA [deg]
dec_nom	-18.979132275864	Nominal Dec [deg]
roll_nom	100.32838709684	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4447.9999834895	Sum of GTIs [s]
livetime	4391.6767294345	Livetime [s]
ontime0	4444.7590628266	Sum of GTIs [s]
ontime1	4447.9999834895	Sum of GTIs [s]
ontime2	4447.9999834895	Sum of GTIs [s]
ontime3	4447.9999834895	Sum of GTIs [s]
ontime6	4447.9999834895	Sum of GTIs [s]
ontime7	4447.9999834895	Sum of GTIs [s]
l2events	512871	Number of level 2 events

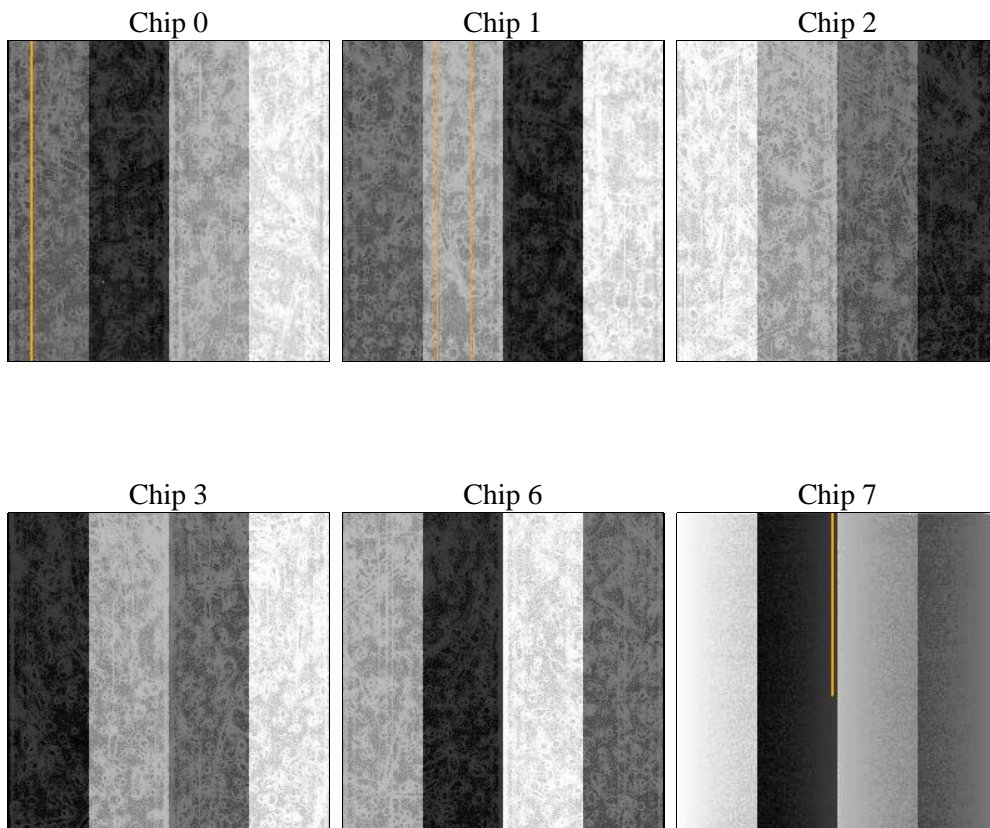
2 OBI

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	8.4.3.1	Processing system revision	ontime	4447.9999834895	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	4444.7590628266	Sum of GTIs [s]
date	2012-04-05T12:26:14	Date and time of file creation	ontime1	4447.9999834895	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4447.9999834895	Sum of GTIs [s]
			ontime3	4447.9999834895	Sum of GTIs [s]
			ontime6	4447.9999834895	Sum of GTIs [s]
			ontime7	4447.9999834895	Sum of GTIs [s]
			l1events	760530	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	122697	122641	125537	126170	128075	135410	grade 0 events	46498	46625	48139	48542	48354	23348
rejected events	36805	35933	38800	38750	37614	32223		37%	38%	38%	38%	37%	17%
rejected %	29%	29%	30%	30%	29%	23%	grade 1 events	320	260	375	331	264	103
								0%	0%	0%	0%	0%	0%
							grade 2 events	15077	15705	14815	14807	15650	22511
								12%	12%	11%	11%	12%	16%
							grade 3 events	5550	5589	5699	5767	5718	10081
								4%	4%	4%	4%	4%	7%
							grade 4 events	5431	5392	5608	5822	5709	9676
								4%	4%	4%	4%	4%	7%
							grade 5 events	2042	2084	1984	2356	2229	5556
								1%	1%	1%	1%	1%	4%
							grade 6 events	13336	13397	12476	12482	15030	37571
								10%	10%	9%	9%	11%	27%
							grade 7 events	34443	33589	36441	36063	35121	26564
								28%	27%	29%	28%	27%	19%

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	324.9792490657667	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-18.97913227586437	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	100.3283870968378			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	269352613.965295	269352612.94027			
Observation start date	2006-07-15T12:10:14	2006-07-15T12:10:12			
[s] Observation end time (MET)	269362431.415756	269362430.39073			
Observation end date	2006-07-15T14:53:51	2006-07-15T14:53:50			
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)	2012.04.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.4479999834895

A.2 Comments