

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61834 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 4 2012

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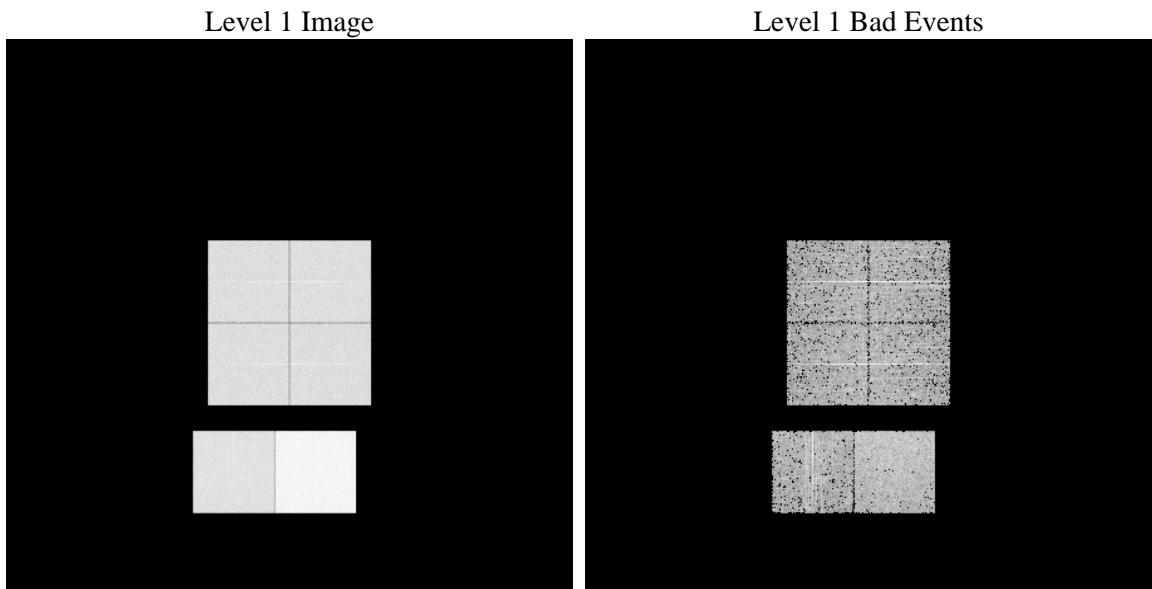
1 Front

seq_num	 	Sequence number
obs_id	61834	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	238.98414570748	Nominal RA [deg]
dec_nom	73.018810058786	Nominal Dec [deg]
roll_nom	8.3464308888481	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5467.2865693569	Sum of GTIs [s]
livetime	5398.056494811	Livetime [s]
ontime0	2427.0520047843	Sum of GTIs [s]
ontime1	2459.5036341548	Sum of GTIs [s]
ontime2	2388.3399972618	Sum of GTIs [s]
ontime3	2368.8940164894	Sum of GTIs [s]
ontime6	2598.9502243847	Sum of GTIs [s]
ontime7	5467.2865693569	Sum of GTIs [s]
l2events	1263695	Number of level 2 events

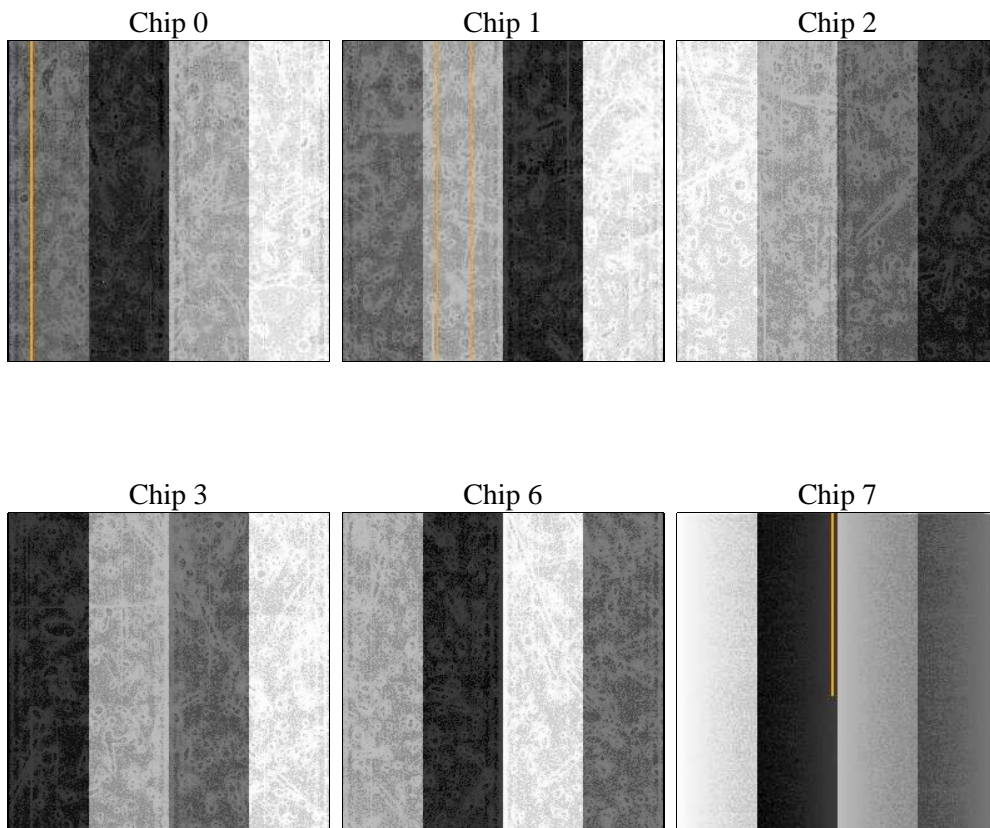
2 OBI

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	5467.2865693569	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2427.0520047843	Sum of GTIs [s]
date	2012-09-04T08:31:01	Date and time of file creation	ontime1	2459.5036341548	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2388.3399972618	Sum of GTIs [s]
			ontime3	2368.8940164894	Sum of GTIs [s]
			ontime6	2598.9502243847	Sum of GTIs [s]
			ontime7	5467.2865693569	Sum of GTIs [s]
			l1events	1430661	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	194581	197439	193933	192686	218128	433894	grade 0 events	98179	99204	98361	97921	109273	106004
rejected events	16869	17451	17410	17687	18090	25166		50%	50%	50%	50%	50%	24%
rejected %	8%	8%	8%	9%	8%	5%	grade 1 events	483	451	471	473	514	302
								0%	0%	0%	0%	0%	0%
							grade 2 events	31167	31867	31017	30763	34565	90801
								16%	16%	15%	15%	15%	20%
							grade 3 events	11221	11395	11186	11200	12307	41786
								5%	5%	5%	5%	5%	9%
							grade 4 events	11203	11469	11100	11094	12332	41508
								5%	5%	5%	5%	5%	9%
							grade 5 events	1354	1328	1267	1293	1544	5749
								0%	0%	0%	0%	0%	1%
							grade 6 events	25942	26053	25111	24244	31561	128850
								13%	13%	12%	12%	14%	29%
							grade 7 events	15032	15672	15420	15698	16032	18894
								7%	7%	7%	8%	7%	4%

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	238.9841457074795	Alternating exposures requested	N	N
[deg] Pointing Dec	0	73.01881005878626	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	8.346430888848069			
[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)	92057302.406	92057301.63792901			
Observation start date	2000-12-01T11:28:22	2000-12-01T11:28:21			
[s] Observation end time (MET)	92105215.008	92105214.239756			
Observation end date	2000-12-02T00:46:55	2000-12-02T00:46:54			
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)	2012.09.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.4672865693569

A.2 Comments