

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60372 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 11 2012

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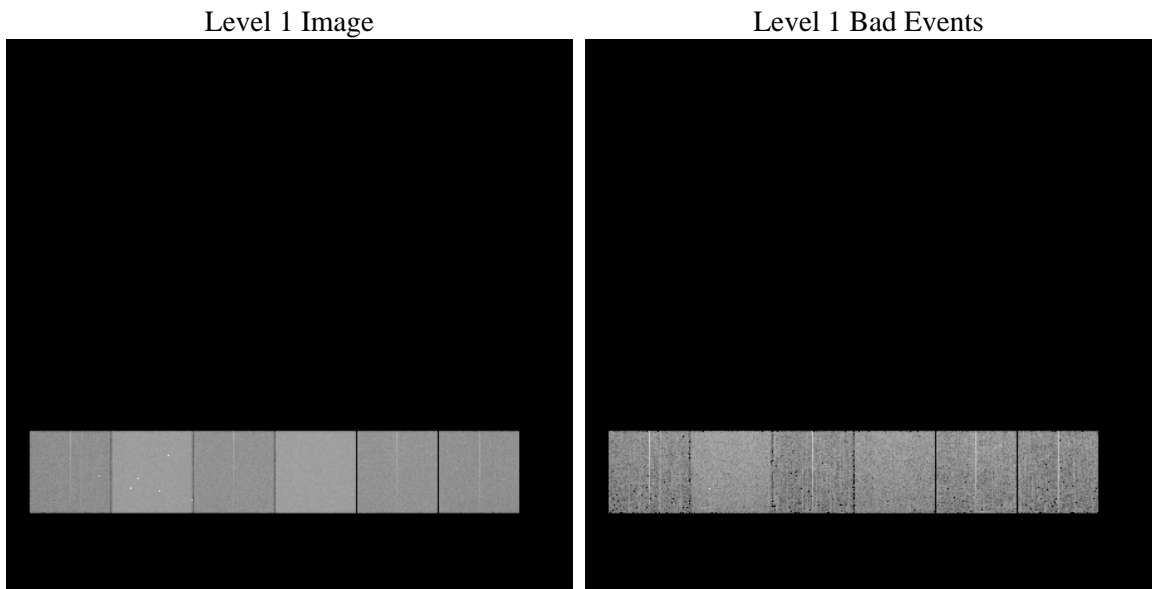
1 Front

seq_num	 	Sequence number
obs_id	60372	Observation id
title	ACIS-456789 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	171.95970373662	Nominal RA [deg]
dec_nom	45.00286724516	Nominal Dec [deg]
roll_nom	141.34928908533	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7795.1999709606	Sum of GTIs [s]
livetime	7696.4924552224	Livetime [s]
ontime4	4372.147378087	Sum of GTIs [s]
ontime5	7795.1999709606	Sum of GTIs [s]
ontime6	4768.1188054979	Sum of GTIs [s]
ontime7	7795.1999709606	Sum of GTIs [s]
ontime8	4917.1341745257	Sum of GTIs [s]
ontime9	4615.0870354176	Sum of GTIs [s]
l2events	1112100	Number of level 2 events

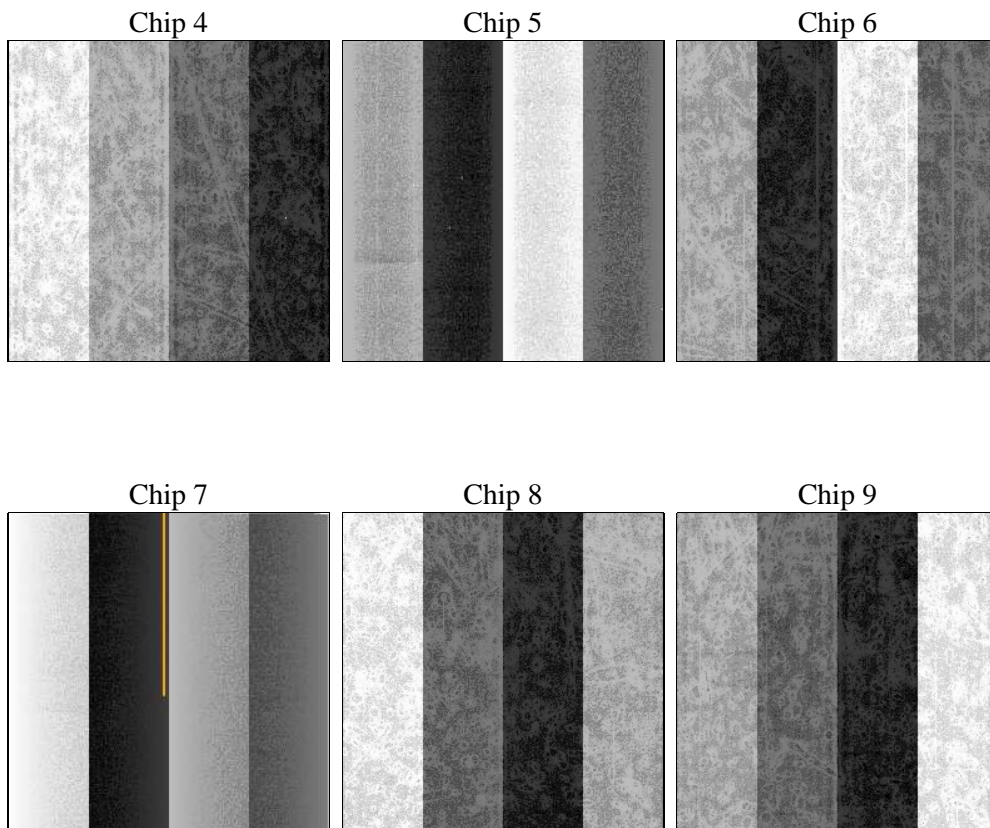
2 OBI

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	7795.1999709606	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	4372.147378087	Sum of GTIs [s]
date	2012-11-12T00:58:15	Date and time of file creation	ontime5	7795.1999709606	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	4768.1188054979	Sum of GTIs [s]
			ontime7	7795.1999709606	Sum of GTIs [s]
			ontime8	4917.1341745257	Sum of GTIs [s]
			ontime9	4615.0870354176	Sum of GTIs [s]
			l1events	1416010	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	176348	308969	201249	324106	215968	189370	grade 0 events	84354	59696	90997	69012	96594	86146
rejected events	33352	52405	34021	43557	39154	33285		47%	19%	45%	21%	44%	45%
rejected %	18%	16%	16%	13%	18%	17%	grade 1 events	612	732	398	176	447	470
								0%	0%	0%	0%	0%	0%
							grade 2 events	21536	95093	28903	62205	30692	26221
								12%	30%	14%	19%	14%	13%
							grade 3 events	9423	14264	10242	27575	11387	9939
								5%	4%	5%	8%	5%	5%
							grade 4 events	9265	13906	10283	27344	11473	9911
								5%	4%	5%	8%	5%	5%
							grade 5 events	2019	8086	2248	7871	2787	2284
								1%	2%	1%	2%	1%	1%
							grade 6 events	18418	73707	26917	94544	26789	23868
								10%	23%	13%	29%	12%	12%
							grade 7 events	30721	43485	31261	35379	35799	30531
								17%	14%	15%	10%	16%	16%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	171.9597037366214	Alternating exposures requested	N	N
[deg] Pointing Dec	0	45.00286724515987	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	141.3492890853327			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	193273590.658456	193273589.63374			
Observation start date	2004-02-15T23:06:31	2004-02-15T23:06:29			
[s] Observation end time (MET)	193288748.359119	193288747.3344			
Observation end date	2004-02-16T03:19:08	2004-02-16T03:19:07			
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)	2012.12.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7951999709606

A.2 Comments