

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59345 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 31 2012

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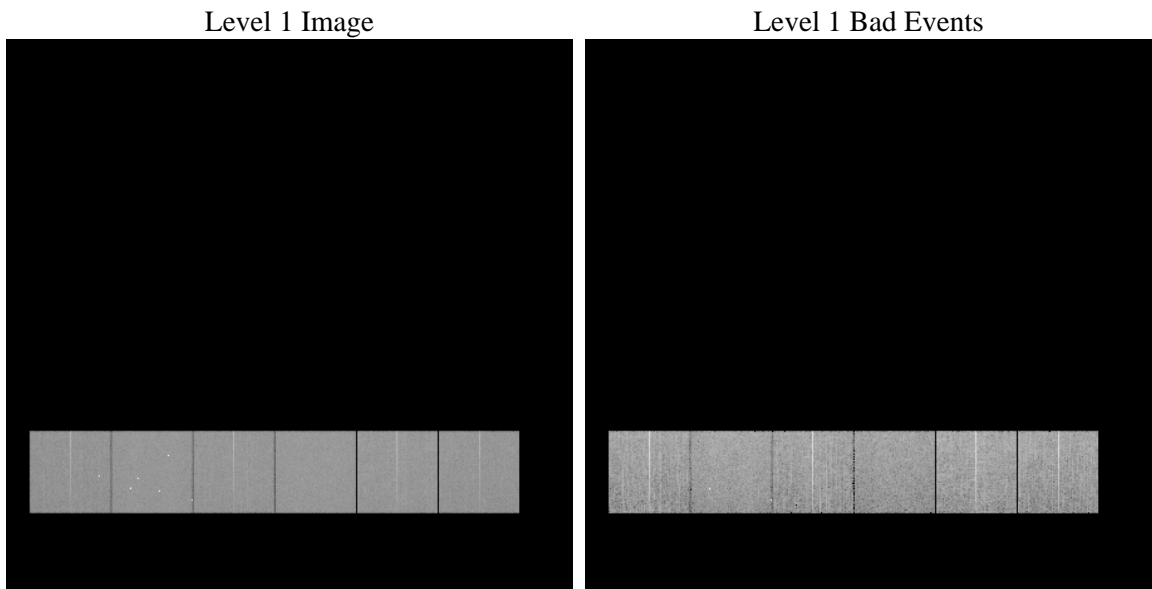
1 Front

seq_num	 	Sequence number
obs_id	59345	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	16.995789203837	Nominal RA [deg]
dec_nom	38.970974141802	Nominal Dec [deg]
roll_nom	229.79030259217	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7795.1999709606	Sum of GTIs [s]
livetime	7696.4924552224	Livetime [s]
ontime4	7182.6529945135	Sum of GTIs [s]
ontime5	7795.1999709606	Sum of GTIs [s]
ontime6	7646.1144473851	Sum of GTIs [s]
ontime7	7795.1999709606	Sum of GTIs [s]
ontime8	7749.8261466324	Sum of GTIs [s]
ontime9	7458.1370896101	Sum of GTIs [s]
l2events	969206	Number of level 2 events

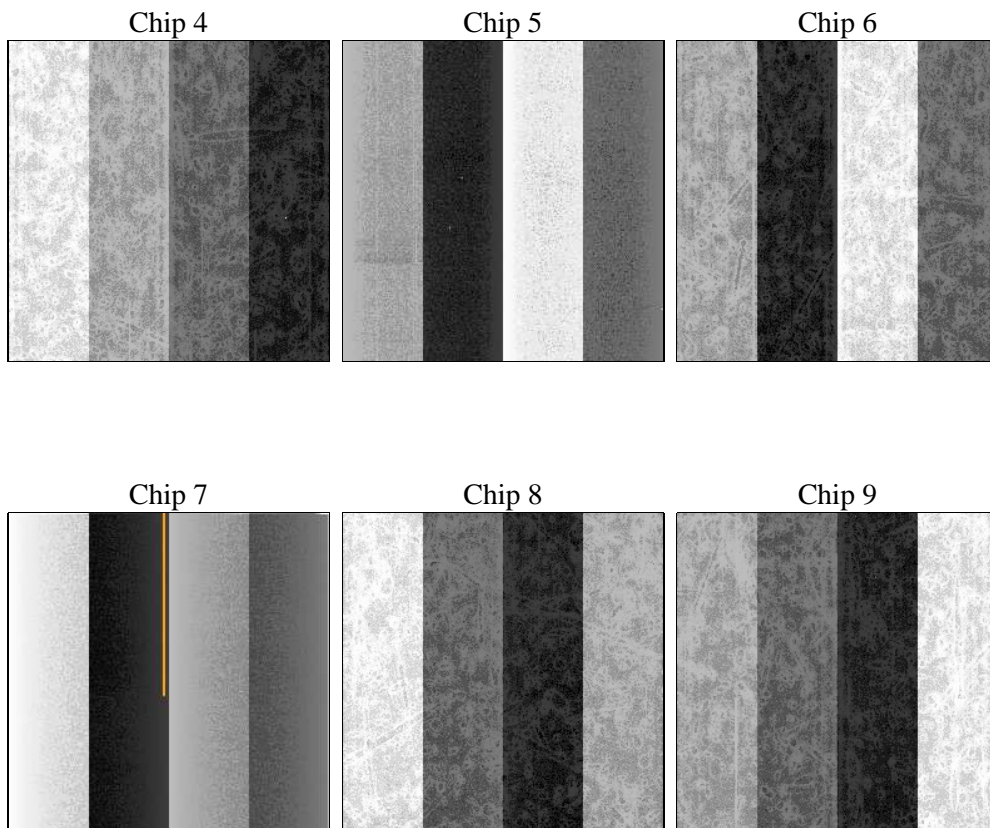
2 OBI

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	8.5.1.1	Processing system revision	ontime	7795.1999709606	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	7182.6529945135	Sum of GTIs [s]
date	2012-12-31T13:06:33	Date and time of file creation	ontime5	7795.1999709606	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7646.1144473851	Sum of GTIs [s]
			ontime7	7795.1999709606	Sum of GTIs [s]
			ontime8	7749.8261466324	Sum of GTIs [s]
			ontime9	7458.1370896101	Sum of GTIs [s]
			l1events	1397374	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	210785	240806	232125	243585	248052	222021	grade 0 events	88991	39913	92961	45078	97274	88574
rejected events	59582	58086	60294	50562	66608	60480		42%	16%	40%	18%	39%	39%
rejected %	28%	24%	25%	20%	26%	27%	grade 1 events	723	847	452	143	542	569
								0%	0%	0%	0%	0%	0%
							grade 2 events	22988	66464	29905	42503	32360	27451
								10%	27%	12%	17%	13%	12%
							grade 3 events	10167	9135	10940	18898	11818	10651
								4%	3%	4%	7%	4%	4%
							grade 4 events	9928	9190	10534	18727	11884	10399
								4%	3%	4%	7%	4%	4%
							grade 5 events	3274	8478	3652	8640	4577	3784
								1%	3%	1%	3%	1%	1%
							grade 6 events	19200	58087	27573	67884	28176	24529
								9%	24%	11%	27%	11%	11%
							grade 7 events	55514	48692	56108	41712	61421	56064
								26%	20%	24%	17%	24%	25%

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	16.99578920383679	Alternating exposures requested	N	N
[deg] Pointing Dec	0	38.97097414180194	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	229.7903025921654			
[mm] SIM focus pos	-0.684267	-0.7823481983384333			
[mm] SIM defocus	0	0.7509884410658636			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	247647051.005904	247647049.98092			
Observation start date	2005-11-06T06:50:51	2005-11-06T06:50:49			
[s] Observation end time (MET)	247660915.156544	247660914.13155			
Observation end date	2005-11-06T10:41:55	2005-11-06T10:41:54			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7951999709606

A.2 Comments