

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59033 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 29 2012

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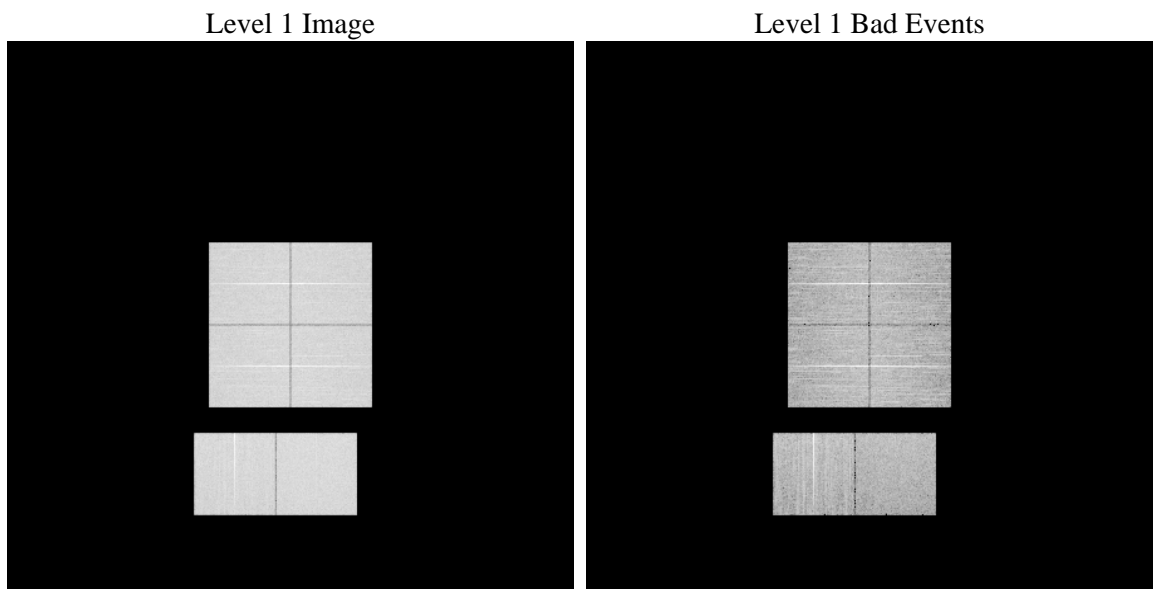
1 Front

seq_num	 	Sequence number
obs_id	59033	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	208.96791785896	Nominal RA [deg]
dec_nom	20.997323085743	Nominal Dec [deg]
roll_nom	147.14155348821	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8241.8379179835	Sum of GTIs [s]
livetime	8137.474803627	Livetime [s]
ontime0	8241.7968779802	Sum of GTIs [s]
ontime1	8241.7558379769	Sum of GTIs [s]
ontime2	8241.7147979736	Sum of GTIs [s]
ontime3	8241.8789579868	Sum of GTIs [s]
ontime6	8241.6737580001	Sum of GTIs [s]
ontime7	8241.8379179835	Sum of GTIs [s]
l2events	949336	Number of level 2 events

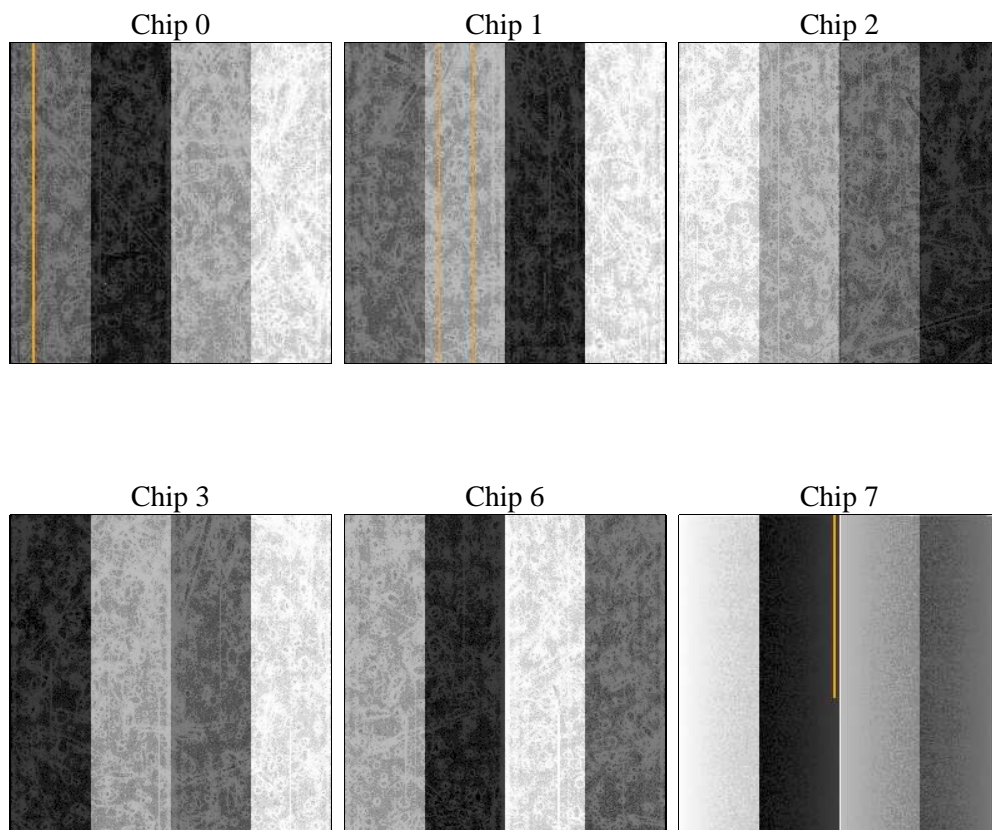
2 OBI

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	Processing system revision	ontime	8241.8379179835	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8241.7968779802	Sum of GTIs [s]
date	2012-03-29T13:28:44	Date and time of file creation	ontime1	8241.7558379769	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8241.7147979736	Sum of GTIs [s]
			ontime3	8241.8789579868	Sum of GTIs [s]
			ontime6	8241.6737580001	Sum of GTIs [s]
			ontime7	8241.8379179835	Sum of GTIs [s]
			l1events	1415040	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	229307	225831	234217	232899	241117	251669	grade 0 events	87215	87067	89685	90056	89839	42761
rejected events	69661	65794	73603	71957	74020	60155		38%	38%	38%	38%	37%	16%
rejected %	30%	29%	31%	30%	30%	23%	grade 1 events	563	537	629	681	566	170
								0%	0%	0%	0%	0%	0%
							grade 2 events	28460	28858	27386	27594	29421	41531
								12%	12%	11%	11%	12%	16%
							grade 3 events	10537	10244	10572	10784	10796	19048
								4%	4%	4%	4%	4%	7%
							grade 4 events	10625	10482	10597	10635	10601	18649
								4%	4%	4%	4%	4%	7%
							grade 5 events	3813	4104	3752	4306	4224	10074
								1%	1%	1%	1%	1%	4%
							grade 6 events	23445	24066	23122	22563	27136	70329
								10%	10%	9%	9%	11%	27%
							grade 7 events	64649	60473	68474	66280	68534	49107
								28%	26%	29%	28%	28%	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	208.9679178589597	Alternating exposures requested	N	N
[deg] Pointing Dec	0	20.99732308574339	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	147.1415534882077			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	260476117.650717	260476116.62569			
Observation start date	2006-04-03T18:28:38	2006-04-03T18:28:36			
[s] Observation end time (MET)	260500117.001836	260500115.97681			
Observation end date	2006-04-04T01:08:37	2006-04-04T01:08:35			
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)	2012.03.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2418379179835

A.2 Comments