

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59500 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 27 2012

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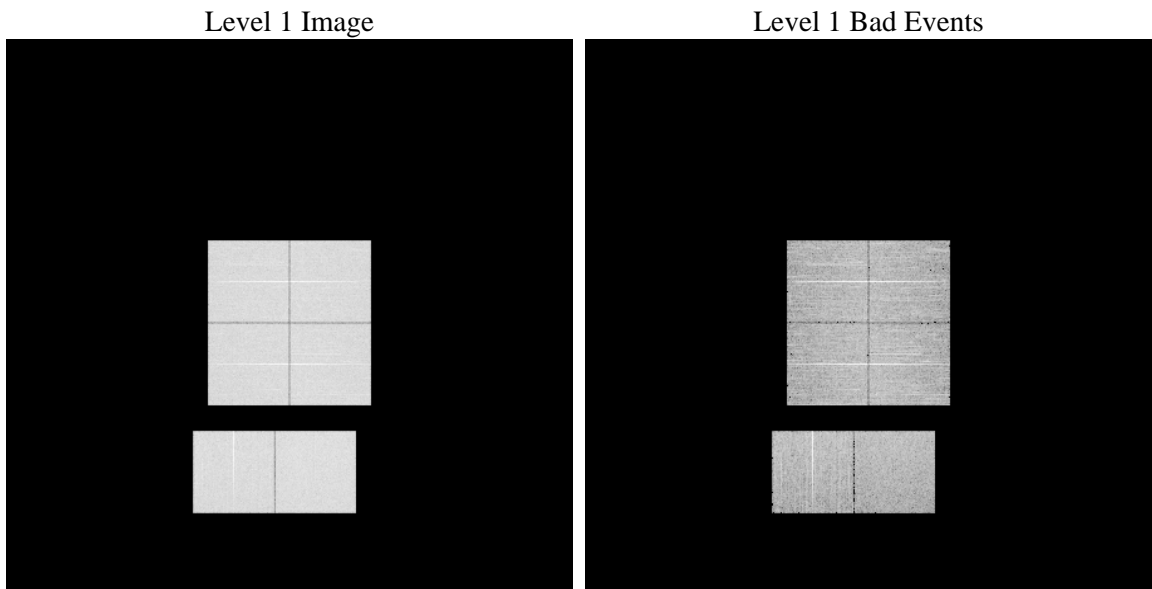
1 Front

seq_num	 	Sequence number
obs_id	59500	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	346.97159269836	Nominal RA [deg]
dec_nom	8.0054233177466	Nominal Dec [deg]
roll_nom	136.21082550953	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8281.5999691486	Sum of GTIs [s]
livetime	8176.7333637585	Livetime [s]
ontime0	8213.5393829644	Sum of GTIs [s]
ontime1	8281.5999691486	Sum of GTIs [s]
ontime2	8158.4427177608	Sum of GTIs [s]
ontime3	8163.2921163738	Sum of GTIs [s]
ontime6	8281.5999691486	Sum of GTIs [s]
ontime7	8281.5999691486	Sum of GTIs [s]
l2events	1076840	Number of level 2 events

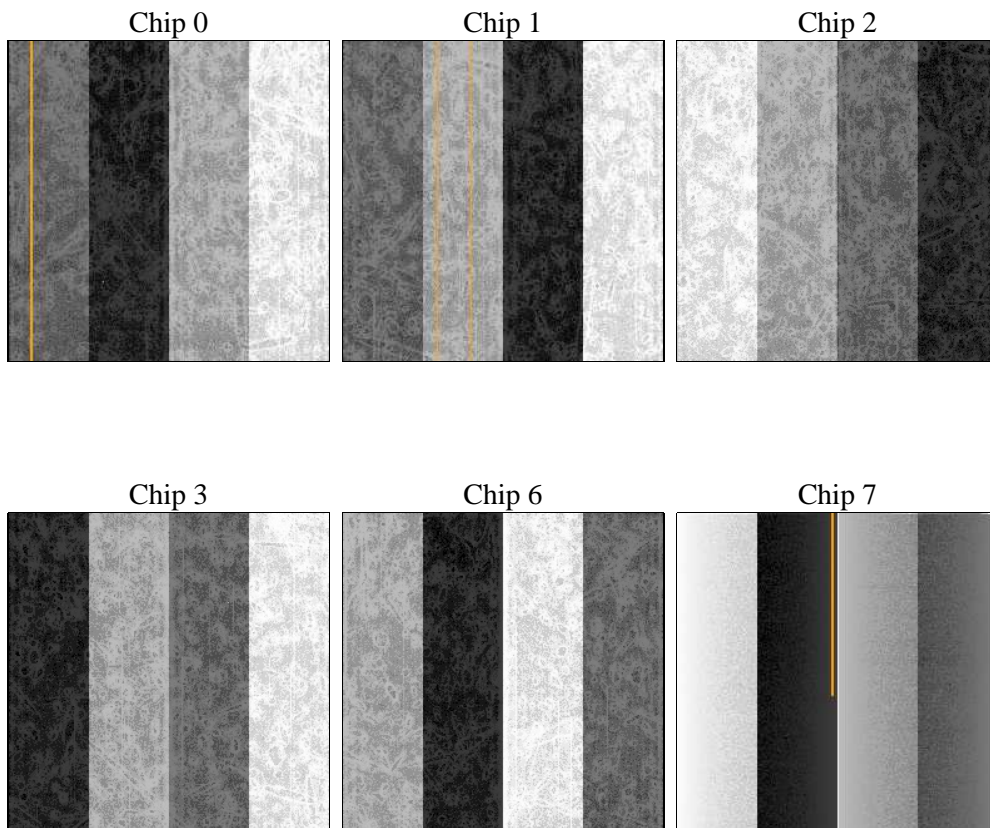
2 OBI

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	8281.5999691486	Sum of GTIs [s]
caldbver	4.5.5	 	ontime0	8213.5393829644	Sum of GTIs [s]
date	2012-12-27T23:14:02	Date and time of file creation	ontime1	8281.5999691486	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	8158.4427177608	Sum of GTIs [s]
			ontime3	8163.2921163738	Sum of GTIs [s]
			ontime6	8281.5999691486	Sum of GTIs [s]
			ontime7	8281.5999691486	Sum of GTIs [s]
			l1events	1481871	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	241205	240874	241588	246562	250544	261098	grade 0 events	100759	99720	103721	104560	101446	47946
rejected events	58670	55969	59253	62557	60430	52030		41%	41%	42%	42%	40%	18%
rejected %	24%	23%	24%	25%	24%	19%	grade 1 events	575	473	589	640	472	140
								0%	0%	0%	0%	0%	0%
							grade 2 events	31548	34236	29205	30162	34428	46225
								13%	14%	12%	12%	13%	17%
							grade 3 events	11719	11542	11870	11923	11518	20376
								4%	4%	4%	4%	4%	7%
							grade 4 events	11769	11556	12011	12005	11631	20020
								4%	4%	4%	4%	4%	7%
							grade 5 events	3297	3448	3210	3662	3695	8622
								1%	1%	1%	1%	1%	3%
							grade 6 events	26824	27930	25597	25355	31167	74590
								11%	11%	10%	10%	12%	28%
							grade 7 events	54714	51969	55385	58255	56187	43179
								22%	21%	22%	23%	22%	16%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	346.971592698364
[deg] Pointing Dec	0	8.005423317746606
[deg] Pointing Roll	0.0	136.210825509532
[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)	240603195.331945	240603194.30694
Observation start date	2005-08-16T18:13:15	2005-08-16T18:13:14
[s] Observation end time (MET)	240625638.732975	240625637.70797
Observation end date	2005-08-17T00:27:19	2005-08-17T00:27:17
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2815999691486

A.2 Comments