

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59628 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 24 2012

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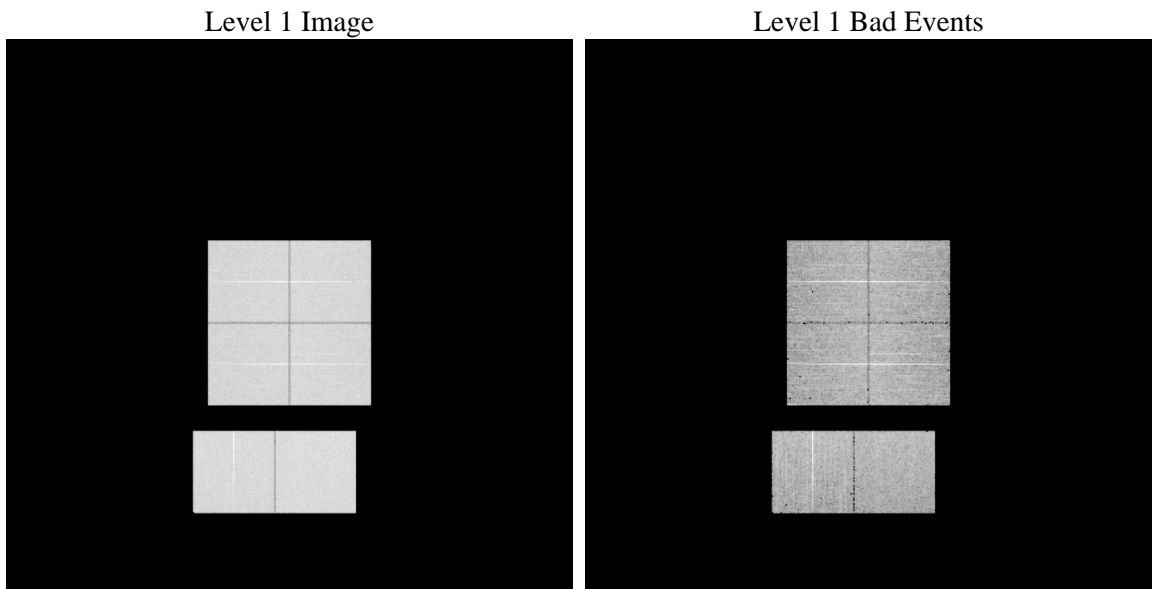
1 Front

seq_num	 	Sequence number
obs_id	59628	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	120.05909673508	Nominal RA [deg]
dec_nom	63.987871353311	Nominal Dec [deg]
roll_nom	302.04567979734	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8278.3999691606	Sum of GTIs [s]
livetime	8173.573884097	Livetime [s]
ontime0	7795.4973738492	Sum of GTIs [s]
ontime1	7912.1716754436	Sum of GTIs [s]
ontime2	7445.473662138	Sum of GTIs [s]
ontime3	7701.5095255971	Sum of GTIs [s]
ontime6	8155.2436076999	Sum of GTIs [s]
ontime7	8278.3999691606	Sum of GTIs [s]
l2events	1099992	Number of level 2 events

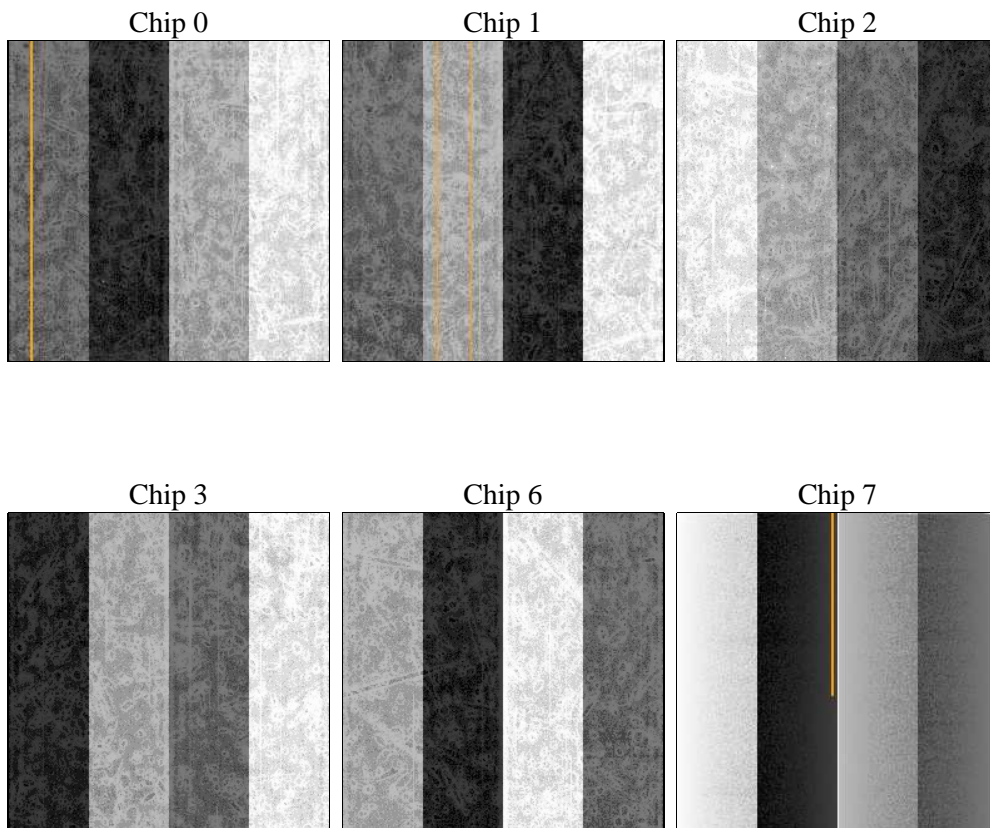
2 OBI

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	8278.3999691606	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	7795.4973738492	Sum of GTIs [s]
date	2012-12-24T15:14:04	Date and time of file creation	ontime1	7912.1716754436	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7445.473662138	Sum of GTIs [s]
			ontime3	7701.5095255971	Sum of GTIs [s]
			ontime6	8155.2436076999	Sum of GTIs [s]
			ontime7	8278.3999691606	Sum of GTIs [s]
			l1events	1488068	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	237282	240867	231028	240847	262907	275137	grade 0 events	100883	101942	98861	102547	109330	51854
rejected events	53176	53284	53787	57211	60573	53121		42%	42%	42%	42%	41%	18%
rejected %	22%	22%	23%	23%	23%	19%	grade 1 events	596	526	660	686	565	176
								0%	0%	0%	0%	0%	0%
							grade 2 events	32023	33655	30034	31200	35047	48321
								13%	13%	13%	12%	13%	17%
							grade 3 events	12153	12114	11760	12125	12557	21991
								5%	5%	5%	5%	4%	7%
							grade 4 events	11924	11844	11487	12081	12750	21821
								5%	4%	4%	5%	4%	7%
							grade 5 events	3363	3494	3205	3649	3784	9331
								1%	1%	1%	1%	1%	3%
							grade 6 events	27123	28028	25099	25683	32650	78029
								11%	11%	10%	10%	12%	28%
							grade 7 events	49217	49264	49922	52876	56224	43614
								20%	20%	21%	21%	21%	15%

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	120.0590967350782
[deg] Pointing Dec	0	63.9878713533105
[deg] Pointing Roll	0.0	302.0456797973393
[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)	234434941.849773	234434940.82478
Observation start date	2005-06-06T08:49:02	2005-06-06T08:49:00
[s] Observation end time (MET)	234457891.60082	234457890.57583
Observation end date	2005-06-06T15:11:32	2005-06-06T15:11:30
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)	2013.01.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2783999691606

A.2 Comments