

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60166 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 3 2012

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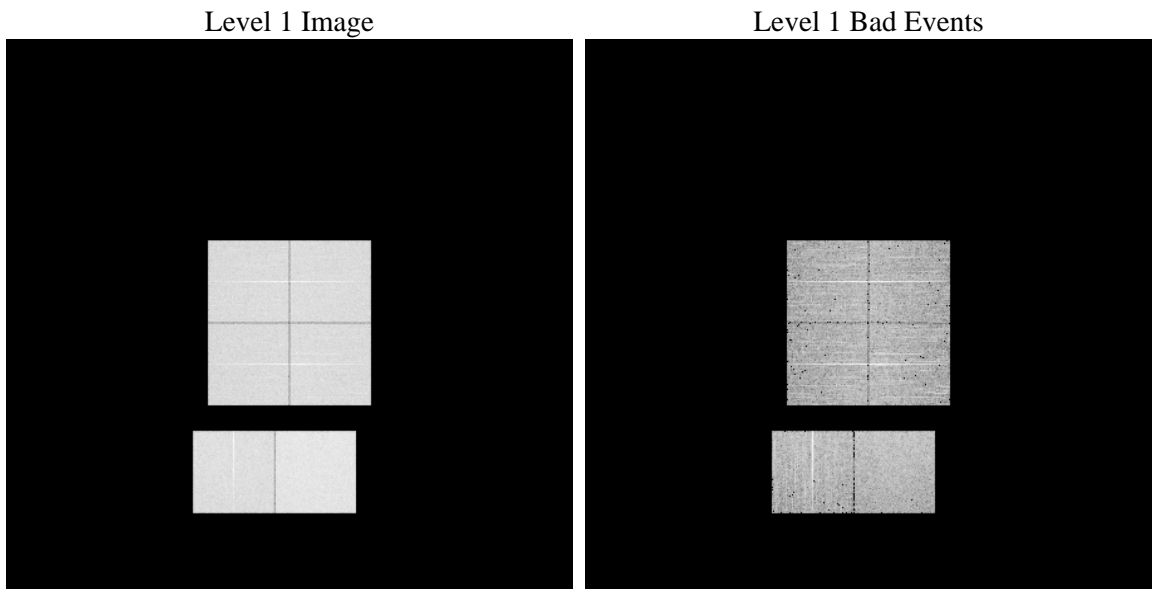
1 Front

seq_num	 	Sequence number
obs_id	60166	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	312.97508517377	Nominal RA [deg]
dec_nom	4.0102233640025	Nominal Dec [deg]
roll_nom	127.46862125183	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6873.3763064146	Sum of GTIs [s]
livetime	6786.3414769724	Livetime [s]
ontime0	5207.4786013067	Sum of GTIs [s]
ontime1	5376.8379817307	Sum of GTIs [s]
ontime2	5019.4202951789	Sum of GTIs [s]
ontime3	5182.3793070316	Sum of GTIs [s]
ontime6	5492.5605156124	Sum of GTIs [s]
ontime7	6873.3763064146	Sum of GTIs [s]
l2events	972059	Number of level 2 events

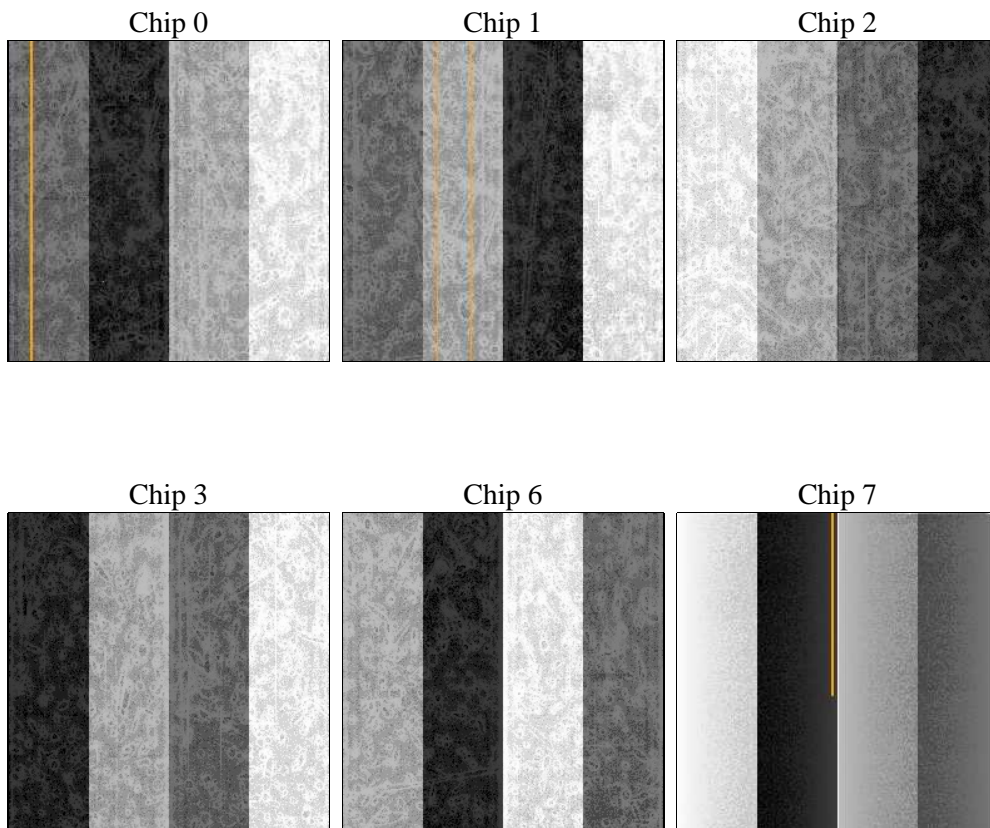
2 OBI

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	6873.3763064146	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	5207.4786013067	Sum of GTIs [s]
date	2012-12-03T13:33:45	Date and time of file creation	ontime1	5376.8379817307	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5019.4202951789	Sum of GTIs [s]
			ontime3	5182.3793070316	Sum of GTIs [s]
			ontime6	5492.5605156124	Sum of GTIs [s]
			ontime7	6873.3763064146	Sum of GTIs [s]
			l1events	1249194	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	191134	195550	185467	195347	214378	267318	grade 0 events	85248	87588	84174	87508	93156	55030
rejected events	36310	35942	34903	38799	42099	41573		44%	44%	45%	44%	43%	20%
rejected %	18%	18%	18%	19%	19%	15%	grade 1 events	493	422	571	575	476	161
								0%	0%	0%	0%	0%	0%
							grade 2 events	26969	28150	25533	26687	29901	49545
								14%	14%	13%	13%	13%	18%
							grade 3 events	10031	10199	9788	10176	10875	22671
								5%	5%	5%	5%	5%	8%
							grade 4 events	10112	10187	9756	10471	10751	22318
								5%	5%	5%	5%	5%	8%
							grade 5 events	2264	2384	2226	2513	2589	7591
								1%	1%	1%	1%	1%	2%
							grade 6 events	22464	23484	21313	21706	27596	76181
								11%	12%	11%	11%	12%	28%
							grade 7 events	33553	33136	32106	35711	39034	33821
								17%	16%	17%	18%	18%	12%

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	312.9750851737691
[deg] Pointing Dec	0	4.010223364002471
[deg] Pointing Roll	0.0	127.468621251832
[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)	204468899.451709	204468898.42671
Observation start date	2004-06-24T12:54:59	2004-06-24T12:54:58
[s] Observation end time (MET)	204513023.653663	204513022.62866
Observation end date	2004-06-25T01:10:24	2004-06-25T01:10:22
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.8733763064146

A.2 Comments