

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58870 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 5 2012

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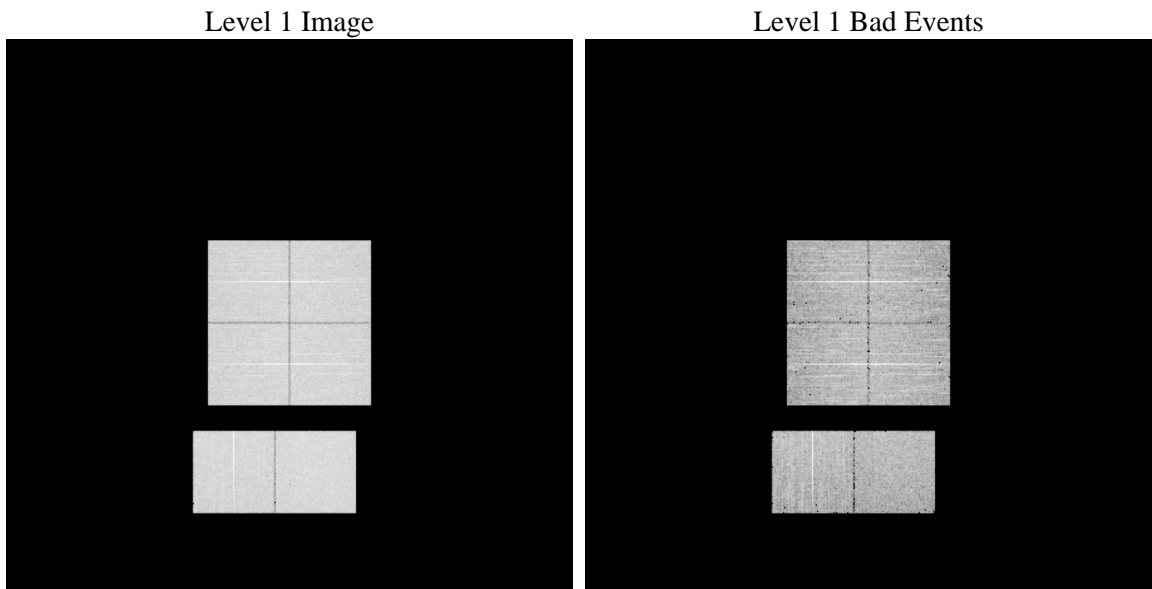
1 Front

seq_num	 	Sequence number
obs_id	58870	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	359.97219786747	Nominal RA [deg]
dec_nom	0.017342794995668	Nominal Dec [deg]
roll_nom	113.49164000661	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5609.5999791622	Sum of GTIs [s]
livetime	5538.5678465305	Livetime [s]
ontime0	5609.5999791622	Sum of GTIs [s]
ontime1	5609.5999791622	Sum of GTIs [s]
ontime2	5609.5999791622	Sum of GTIs [s]
ontime3	5609.5999791622	Sum of GTIs [s]
ontime6	5609.5999791622	Sum of GTIs [s]
ontime7	5609.5999791622	Sum of GTIs [s]
l2events	603851	Number of level 2 events

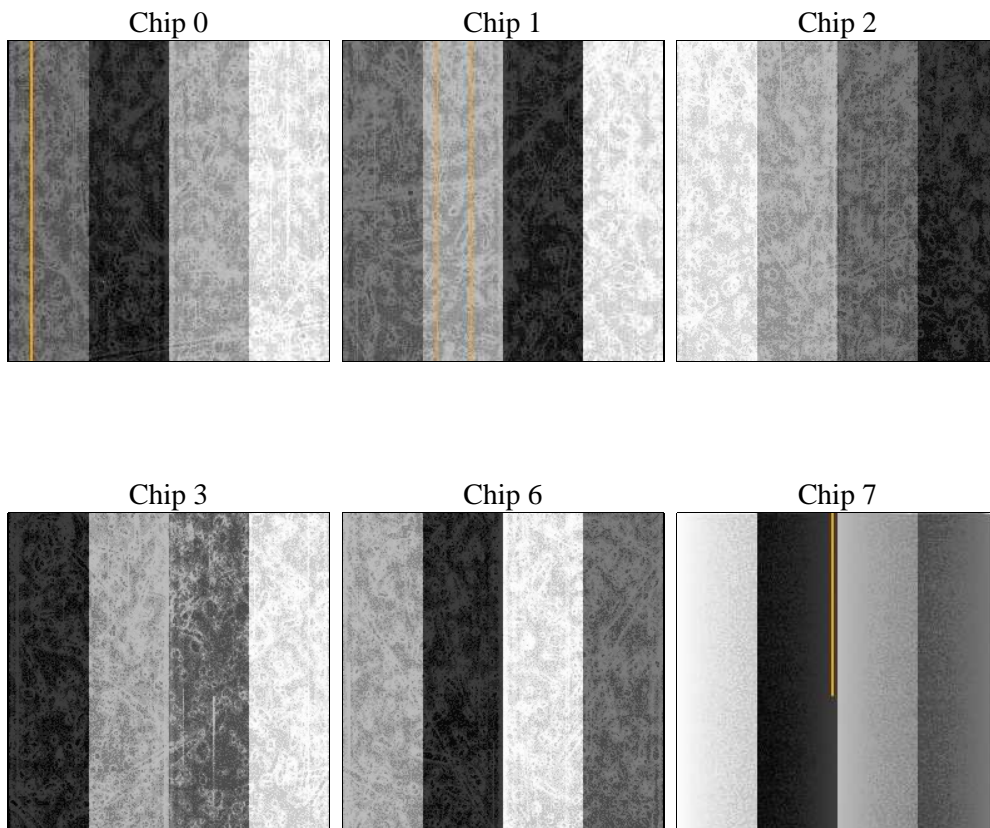
2 OBI

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	8.4.3.1	Processing system revision	ontime	5609.5999791622	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	5609.5999791622	Sum of GTIs [s]
date	2012-04-06T01:00:49	Date and time of file creation	ontime1	5609.5999791622	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5609.5999791622	Sum of GTIs [s]
			ontime3	5609.5999791622	Sum of GTIs [s]
			ontime6	5609.5999791622	Sum of GTIs [s]
			ontime7	5609.5999791622	Sum of GTIs [s]
			l1events	911513	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	145481	145933	150134	151281	155047	163637	grade 0 events	54829	55038	56710	57219	56879	27572
rejected events	44542	44386	48389	49271	48631	40525		37%	37%	37%	37%	36%	16%
rejected %	30%	30%	32%	32%	31%	24%	grade 1 events	384	295	429	420	304	121
								0%	0%	0%	0%	0%	0%
							grade 2 events	17643	18081	17138	17451	18600	27052
								12%	12%	11%	11%	11%	16%
							grade 3 events	6720	6586	6742	6701	6794	11992
								4%	4%	4%	4%	4%	7%
							grade 4 events	6691	6643	6695	6635	6933	11957
								4%	4%	4%	4%	4%	7%
							grade 5 events	2548	2664	2531	2914	2908	7017
								1%	1%	1%	1%	1%	4%
							grade 6 events	15056	15199	14460	14004	17210	44539
								10%	10%	9%	9%	11%	27%
							grade 7 events	41610	41427	45429	45937	45419	33387
								28%	28%	30%	30%	29%	20%

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	359.9721978674719
[deg] Pointing Dec	0	0.01734279499566834
[deg] Pointing Roll	0.0	113.4916400066068
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	269805200.686469	269805199.66145
Observation start date	2006-07-20T17:53:21	2006-07-20T17:53:19
[s] Observation end time (MET)	269824255.437361	269824254.41235
Observation end date	2006-07-20T23:10:55	2006-07-20T23:10:54
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)	2012.04.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.6095999791622

A.2 Comments