

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 59938 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 12 2012

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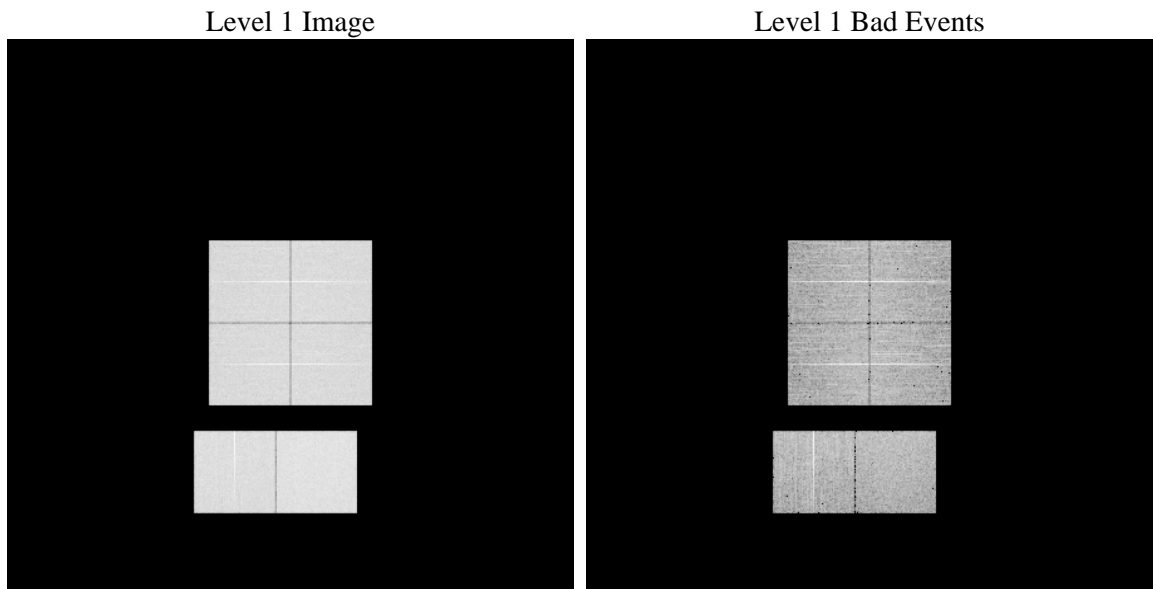
1 Front

seq_num	 	Sequence number
obs_id	59938	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	50.023524545295	Nominal RA [deg]
dec_nom	-1.9983367324521	Nominal Dec [deg]
roll_nom	319.7549216057	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7798.3999709487	Sum of GTIs [s]
livetime	7699.6519348838	Livetime [s]
ontime0	6524.6944473982	Sum of GTIs [s]
ontime1	6693.2258908451	Sum of GTIs [s]
ontime2	6360.9031778574	Sum of GTIs [s]
ontime3	6401.5370762944	Sum of GTIs [s]
ontime6	6910.3711714447	Sum of GTIs [s]
ontime7	7798.3999709487	Sum of GTIs [s]
l2events	1064520	Number of level 2 events

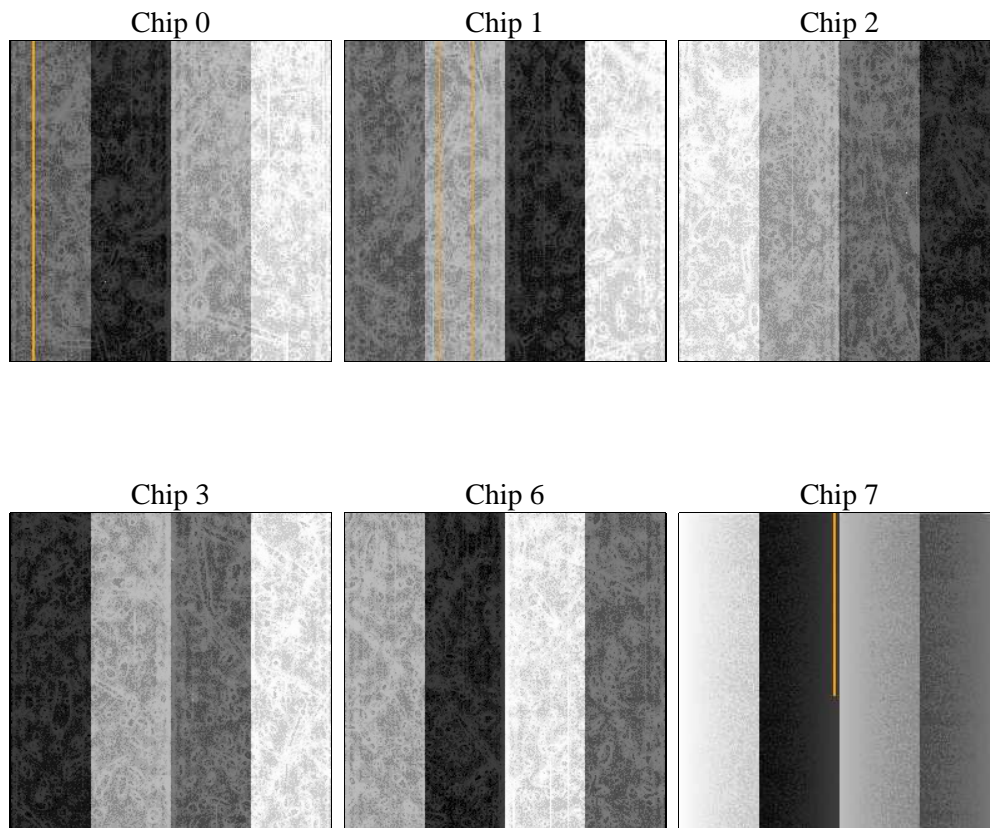
2 OBI

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	Processing system revision	ontime	7798.3999709487	Sum of GTIs [s]
caldbver	4.5.4	 	ontime0	6524.6944473982	Sum of GTIs [s]
date	2012-12-12T13:52:27	Date and time of file creation	ontime1	6693.2258908451	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6360.9031778574	Sum of GTIs [s]
			ontime3	6401.5370762944	Sum of GTIs [s]
			ontime6	6910.3711714447	Sum of GTIs [s]
			ontime7	7798.3999709487	Sum of GTIs [s]
			l1events	1410479	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	220035	226549	217776	220730	245546	279843	grade 0 events	95807	97867	96453	97050	104310	55244
rejected events	46679	47777	47195	49101	53362	48589		43%	43%	44%	43%	42%	19%
rejected %	21%	21%	21%	22%	21%	17%	grade 1 events	552	450	588	624	543	162
								0%	0%	0%	0%	0%	0%
							grade 2 events	30152	32163	28123	28811	33348	51032
								13%	14%	12%	13%	13%	18%
							grade 3 events	11268	11256	11187	11024	12022	22787
								5%	4%	5%	4%	4%	8%
							grade 4 events	11110	11385	11108	11141	11902	22433
								5%	5%	5%	5%	4%	8%
							grade 5 events	2906	3144	2728	2913	3383	8570
								1%	1%	1%	1%	1%	3%
							grade 6 events	25019	26101	23710	23603	30602	79758
								11%	11%	10%	10%	12%	28%
							grade 7 events	43221	44183	43879	45564	49436	39857
								19%	19%	20%	20%	20%	14%

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	50.02352454529466	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-1.998336732452062	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	319.7549216056992			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	218630841.283739	218630840.25872			
Observation start date	2004-12-05T10:47:21	2004-12-05T10:47:20			
[s] Observation end time (MET)	218640966.234195	218640965.20918			
Observation end date	2004-12-05T13:36:06	2004-12-05T13:36:05			
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)	2013.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7983999709487

A.2 Comments