

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59519 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 27 2012

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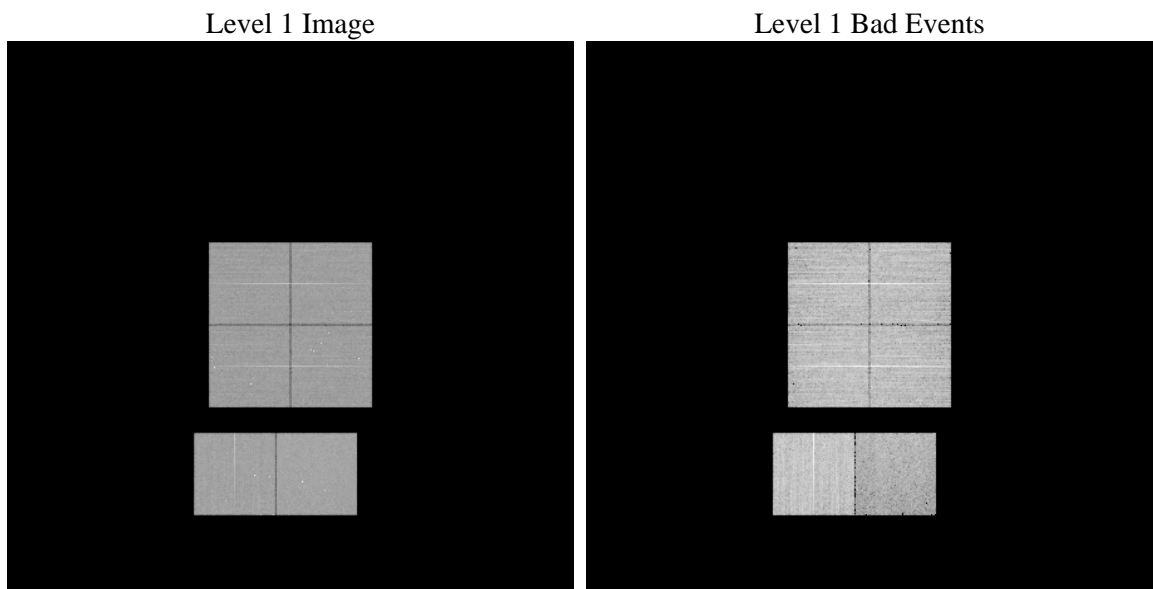
1 Front

seq_num	 	Sequence number
obs_id	59519	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	88.58565720172	Nominal RA [deg]
dec_nom	6.6213440244195	Nominal Dec [deg]
roll_nom	106.939958072	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6872.5665336251	Sum of GTIs [s]
livetime	6785.5419580136	Livetime [s]
ontime0	5692.8976162076	Sum of GTIs [s]
ontime1	5906.8421055973	Sum of GTIs [s]
ontime2	5459.6300062239	Sum of GTIs [s]
ontime3	5689.5742869079	Sum of GTIs [s]
ontime6	6089.2872432172	Sum of GTIs [s]
ontime7	6872.5665336251	Sum of GTIs [s]
l2events	781506	Number of level 2 events

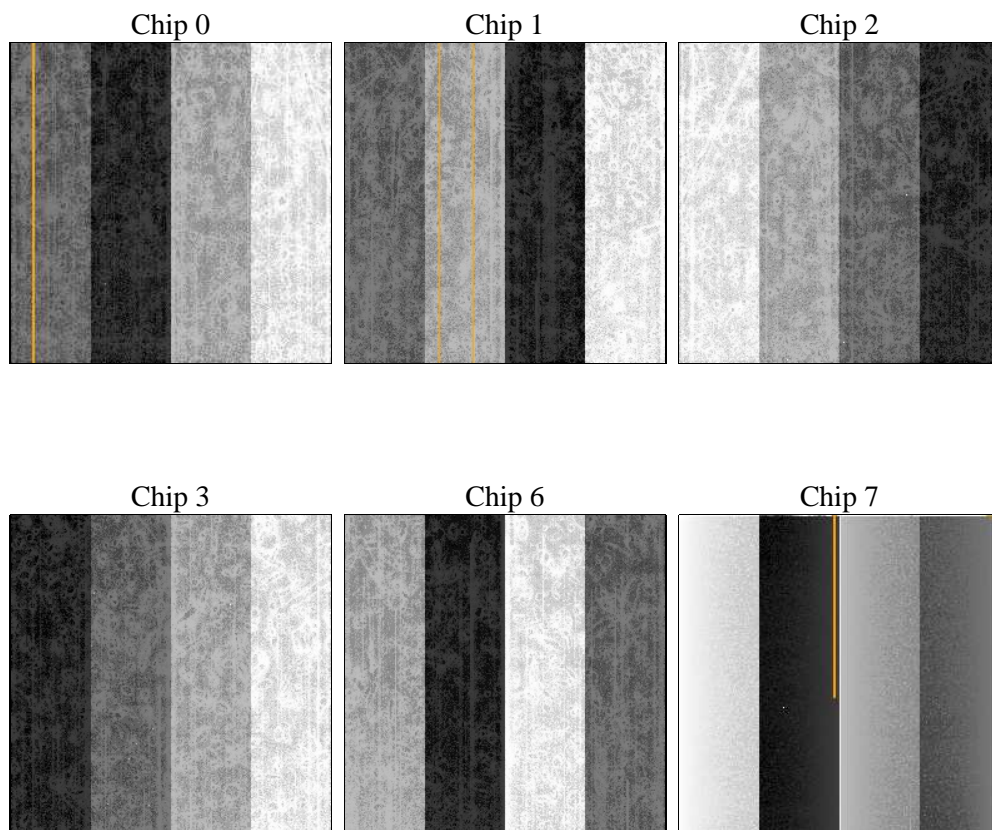
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	6872.5665336251	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	5692.8976162076	Sum of GTIs [s]
date	2012-12-27T06:00:30	Date and time of file creation	ontime1	5906.8421055973	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5459.6300062239	Sum of GTIs [s]
			ontime3	5689.5742869079	Sum of GTIs [s]
			ontime6	6089.2872432172	Sum of GTIs [s]
			ontime7	6872.5665336251	Sum of GTIs [s]
			l1events	1245865	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	193316	197401	193908	196763	226825	237652	grade 0 events	32155	27587	31428	32747	26376	48353
rejected events	69077	68434	73344	69407	87314	41243		16%	13%	16%	16%	11%	20%
rejected %	35%	34%	37%	35%	38%	17%	grade 1 events	447	396	506	435	418	208
								0%	0%	0%	0%	0%	0%
							grade 2 events	61551	69919	60937	64891	79225	39191
								31%	35%	31%	32%	34%	16%
							grade 3 events	3446	2914	2945	3020	2512	21060
								1%	1%	1%	1%	1%	8%
							grade 4 events	3388	2937	2908	3094	2513	18737
								1%	1%	1%	1%	1%	7%
							grade 5 events	2695	2481	2554	2777	2763	6786
								1%	1%	1%	1%	1%	2%
							grade 6 events	23699	25610	22346	23688	28950	69068
								12%	12%	11%	12%	12%	29%
							grade 7 events	65935	65557	70284	66111	84068	34249
								34%	33%	36%	33%	37%	14%

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	88.58565720171977
[deg] Pointing Dec	0	6.621344024419518
[deg] Pointing Roll	0.0	106.9399580719964
[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)	239648889.538172	239648888.51319
Observation start date	2005-08-05T17:08:10	2005-08-05T17:08:08
[s] Observation end time (MET)	239666917.239012	239666916.21401
Observation end date	2005-08-05T22:08:37	2005-08-05T22:08:36
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)	2013.01.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.8725665336251

A.2 Comments