

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59109 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 25 2012

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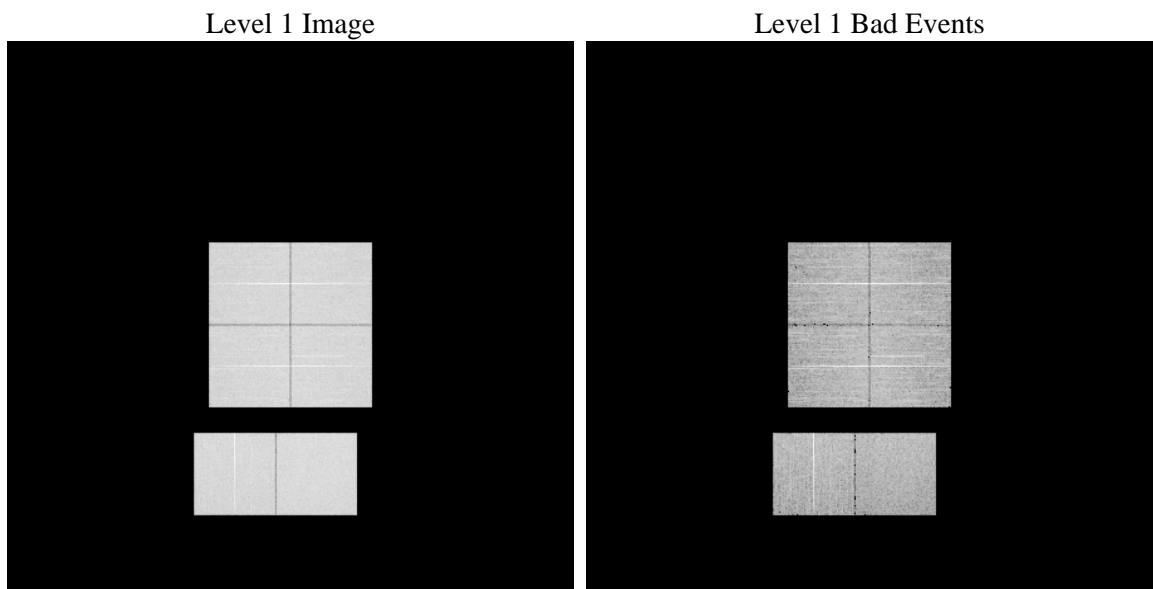
1 Front

seq_num	 	Sequence number
obs_id	59109	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	96.514251465804	Nominal RA [deg]
dec_nom	30.674146565346	Nominal Dec [deg]
roll_nom	262.49668905438	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8278.0748727918	Sum of GTIs [s]
livetime	8173.2529042942	Livetime [s]
ontime0	8278.0338327885	Sum of GTIs [s]
ontime1	8277.9927927852	Sum of GTIs [s]
ontime2	8277.9517527819	Sum of GTIs [s]
ontime3	8278.1159127951	Sum of GTIs [s]
ontime6	8277.9107128084	Sum of GTIs [s]
ontime7	8278.0748727918	Sum of GTIs [s]
l2events	977119	Number of level 2 events

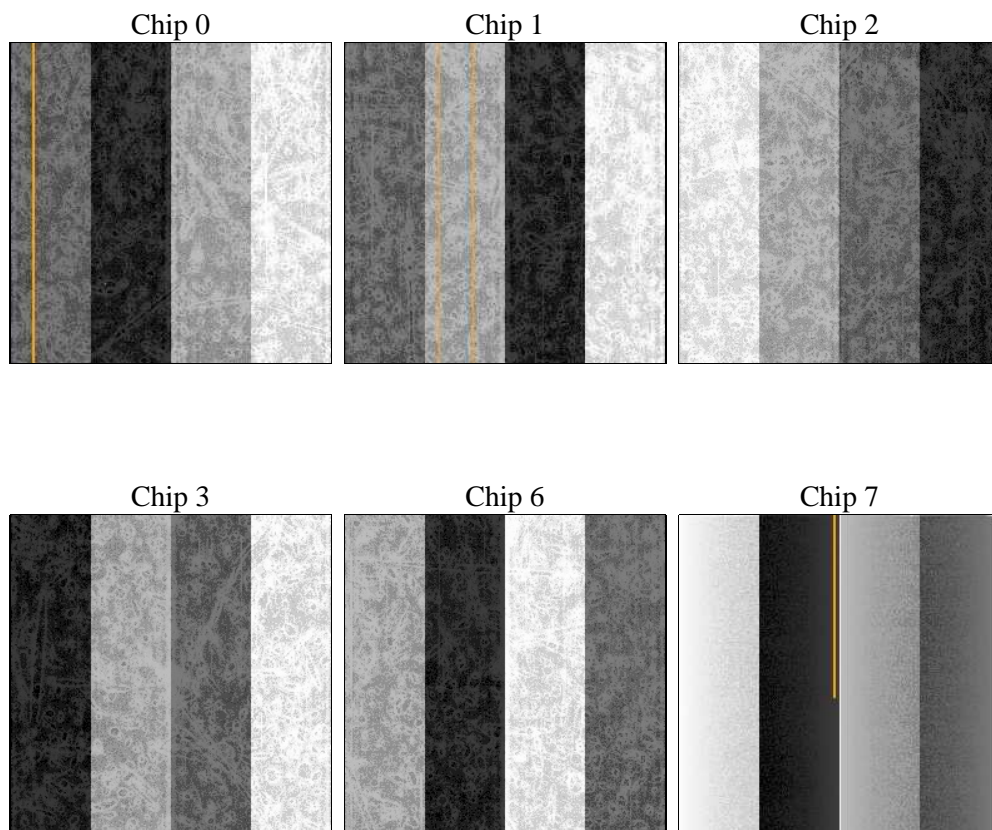
2 OBI

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	8278.0748727918	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8278.0338327885	Sum of GTIs [s]
date	2012-03-25T19:40:51	Date and time of file creation	ontime1	8277.9927927852	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8277.9517527819	Sum of GTIs [s]
			ontime3	8278.1159127951	Sum of GTIs [s]
			ontime6	8277.9107128084	Sum of GTIs [s]
			ontime7	8278.0748727918	Sum of GTIs [s]
			l1events	1412668	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	227752	229431	231092	236132	237053	251208	grade 0 events	90391	89764	92235	93059	92265	44297
rejected events	63253	63687	65345	69404	65097	57114		39%	39%	39%	39%	38%	17%
rejected %	27%	27%	28%	29%	27%	22%	grade 1 events	568	509	614	636	514	165
								0%	0%	0%	0%	0%	0%
							grade 2 events	28459	29678	28112	28548	30094	42179
								12%	12%	12%	12%	12%	16%
							grade 3 events	10807	10496	10941	11068	10902	19183
								4%	4%	4%	4%	4%	7%
							grade 4 events	10666	10816	11085	10913	10879	18911
								4%	4%	4%	4%	4%	7%
							grade 5 events	3655	3872	3473	4075	4007	10019
								1%	1%	1%	1%	1%	3%
							grade 6 events	24252	25065	23449	23199	27904	69603
								10%	10%	10%	9%	11%	27%
							grade 7 events	58954	59231	61183	64634	60488	46851
								25%	25%	26%	27%	25%	18%

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	96.51425146580448
[deg] Pointing Dec	0	30.67414656534632
[deg] Pointing Roll	0.0	262.4966890543767
[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)	256826276.98096	256826275.95593
Observation start date	2006-02-20T12:37:57	2006-02-20T12:37:55
[s] Observation end time (MET)	256848681.432002	256848680.40697
Observation end date	2006-02-20T18:51:21	2006-02-20T18:51:20
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)	2012.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2780748727918

A.2 Comments