

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58173 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 2 2012

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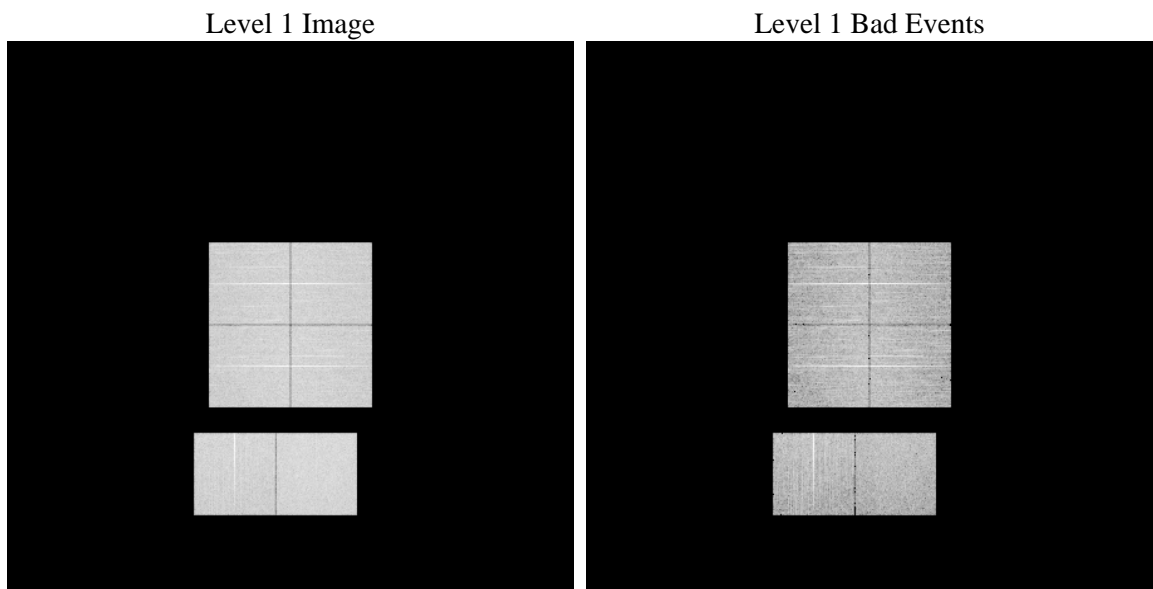
1 Front

seq_num	 	Sequence number
obs_id	58173	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	23.970349814315	Nominal RA [deg]
dec_nom	37.991893564837	Nominal Dec [deg]
roll_nom	164.13503108591	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7193.5999732614	Sum of GTIs [s]
livetime	7102.510278934	Livetime [s]
ontime0	7193.5999732614	Sum of GTIs [s]
ontime1	7193.5999732614	Sum of GTIs [s]
ontime2	7193.5999732614	Sum of GTIs [s]
ontime3	7193.5594668388	Sum of GTIs [s]
ontime6	7193.5999732614	Sum of GTIs [s]
ontime7	7193.5999732614	Sum of GTIs [s]
l2events	591780	Number of level 2 events

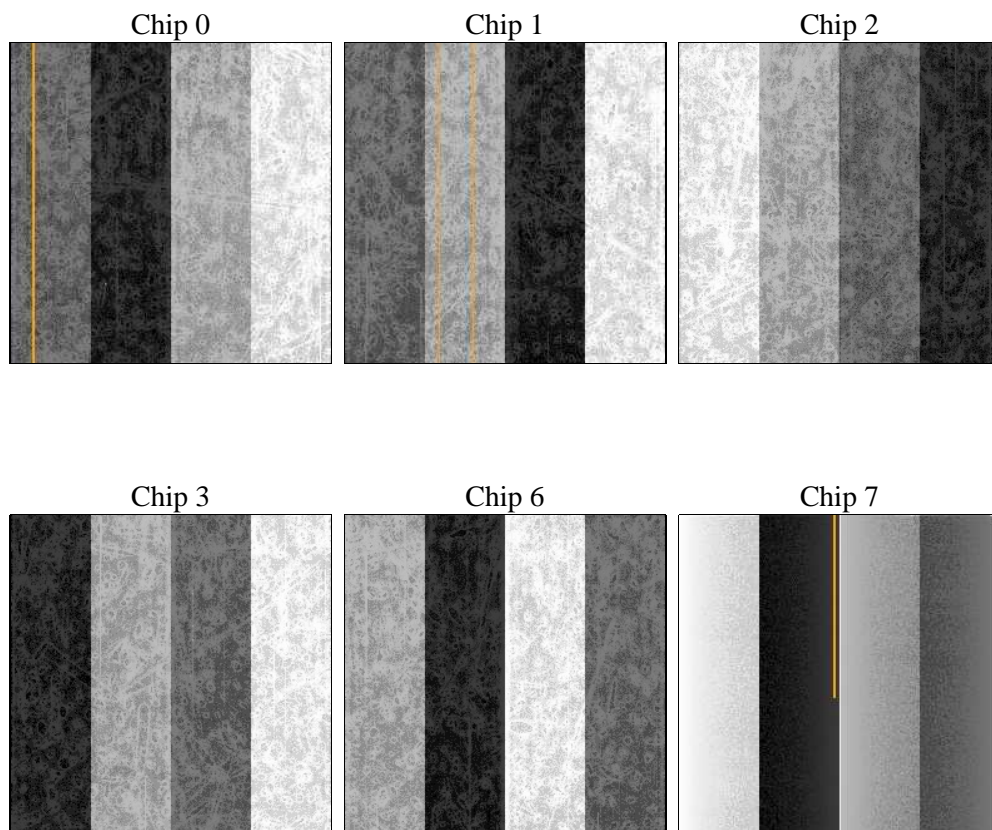
2 OBI

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	8.4.4	Processing system revision	ontime	7193.5999732614	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7193.5999732614	Sum of GTIs [s]
date	2012-05-02T21:01:38	Date and time of file creation	ontime1	7193.5999732614	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7193.5999732614	Sum of GTIs [s]
			ontime3	7193.5594668388	Sum of GTIs [s]
			ontime6	7193.5999732614	Sum of GTIs [s]
			ontime7	7193.5999732614	Sum of GTIs [s]
			l1events	999596	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	159536	157886	162491	164769	167512	187402	grade 0 events	52304	52590	53780	54291	55016	26960
rejected events	62170	59689	64817	66198	64620	57851		32%	33%	33%	32%	32%	14%
rejected %	38%	37%	39%	40%	38%	30%	grade 1 events	369	325	432	414	365	129
								0%	0%	0%	0%	0%	0%
							grade 2 events	17381	18016	16871	17052	18169	28200
								10%	11%	10%	10%	10%	15%
							grade 3 events	6509	6338	6468	6553	6515	12328
								4%	4%	3%	3%	3%	6%
							grade 4 events	6535	6441	6555	6680	6525	12360
								4%	4%	4%	4%	3%	6%
							grade 5 events	3460	3564	3289	3888	3827	9664
								2%	2%	2%	2%	2%	5%
							grade 6 events	14637	14812	14000	13995	16667	49703
								9%	9%	8%	8%	9%	26%
							grade 7 events	58341	55800	61096	61896	60428	48058
								36%	35%	37%	37%	36%	25%

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	23.97034981431514	Alternating exposures requested	N	N
[deg] Pointing Dec	0	37.99189356483738	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	164.1350310859055			
[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)	308417454.771694	308417453.74671			
Observation start date	2007-10-10T15:30:55	2007-10-10T15:30:53			
[s] Observation end time (MET)	308451156.773316	308451155.74833			
Observation end date	2007-10-11T00:52:37	2007-10-11T00:52:35			
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)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.1935999732614

A.2 Comments