

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57642 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 20 2012

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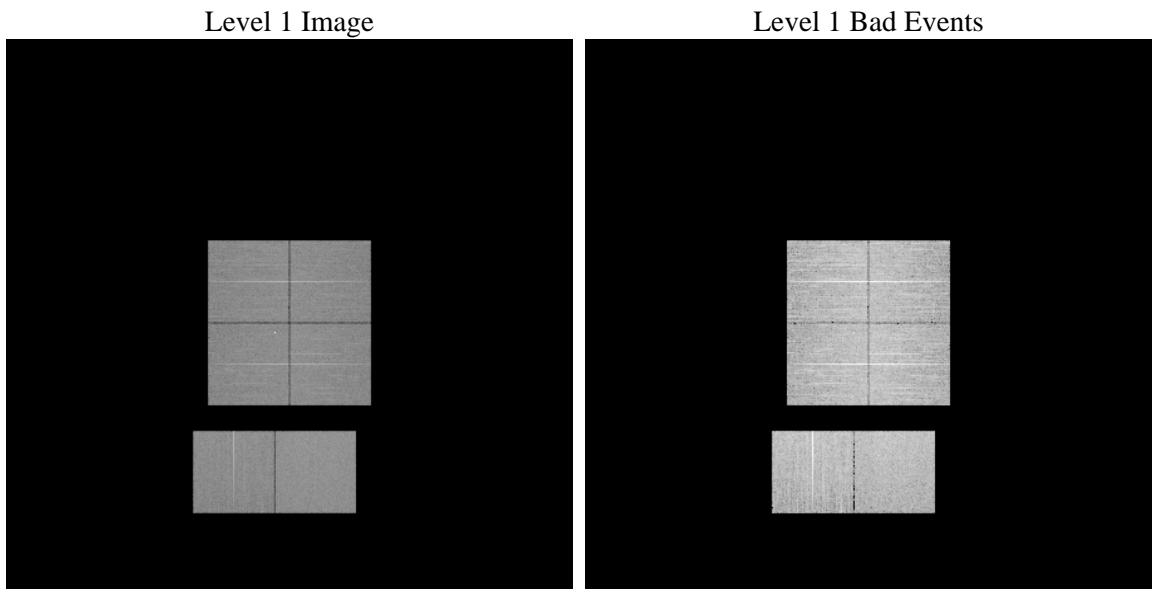
1 Front

seq_num	 	Sequence number
obs_id	57642	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	323.98193741572	Nominal RA [deg]
dec_nom	11.478522738152	Nominal Dec [deg]
roll_nom	195.09092863725	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8277.0120256543	Sum of GTIs [s]
livetime	8172.2035155672	Livetime [s]
ontime0	8276.970985651	Sum of GTIs [s]
ontime1	8276.9299456477	Sum of GTIs [s]
ontime2	8276.8889056444	Sum of GTIs [s]
ontime3	8277.0530656576	Sum of GTIs [s]
ontime6	8276.8478656411	Sum of GTIs [s]
ontime7	8277.0120256543	Sum of GTIs [s]
l2events	570694	Number of level 2 events

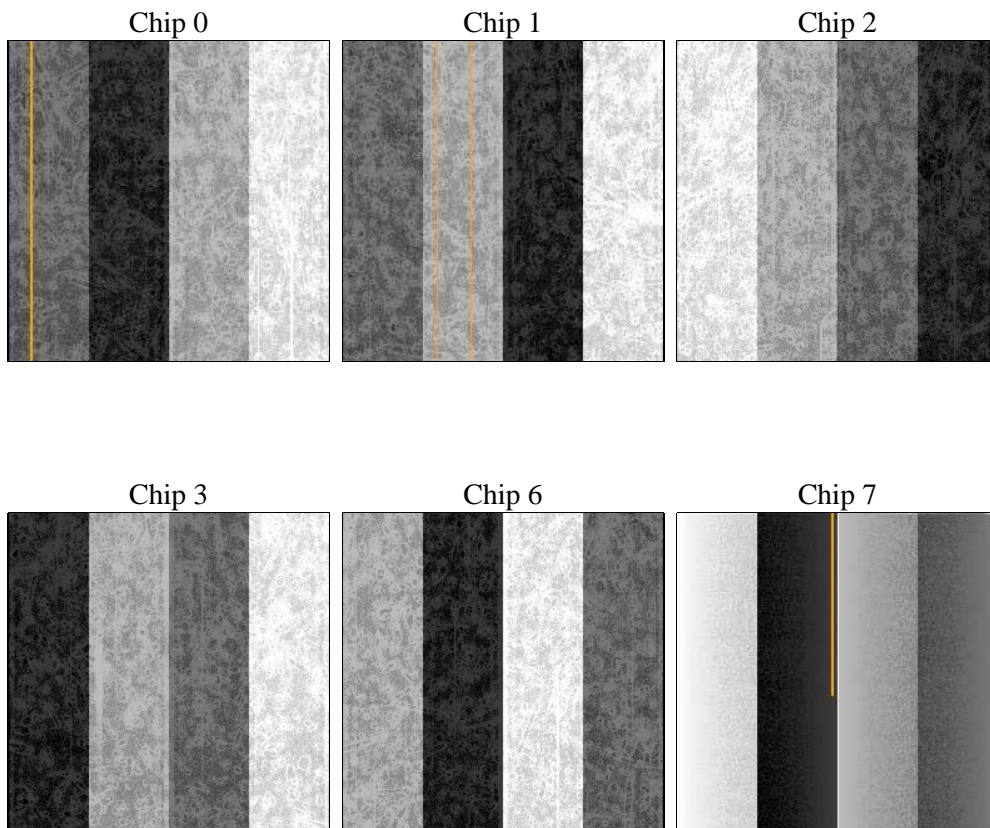
2 OBI

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	8277.0120256543	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8276.970985651	Sum of GTIs [s]
date	2012-05-20T10:41:42	Date and time of file creation	ontime1	8276.9299456477	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8276.8889056444	Sum of GTIs [s]
			ontime3	8277.0530656576	Sum of GTIs [s]
			ontime6	8276.8478656411	Sum of GTIs [s]
			ontime7	8277.0120256543	Sum of GTIs [s]
			l1events	1030357	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	165857	161655	166911	170249	169503	196182	grade 0 events	50251	49443	53470	52143	51153	25438
rejected events	72655	67822	71054	75221	72242	66409		30%	30%	32%	30%	30%	12%
rejected %	43%	41%	42%	44%	42%	33%	grade 1 events	367	287	392	420	325	160
								0%	0%	0%	0%	0%	0%
							grade 2 events	16541	17491	16093	16543	17093	28173
								9%	10%	9%	9%	10%	14%
							grade 3 events	6082	6191	6281	6329	6358	12295
								3%	3%	3%	3%	3%	6%
							grade 4 events	6198	6164	6340	6361	6459	12110
								3%	3%	3%	3%	3%	6%
							grade 5 events	3855	4107	3671	4436	4233	11089
								2%	2%	2%	2%	2%	5%
							grade 6 events	14130	14544	13673	13652	16198	51757
								8%	8%	8%	8%	9%	26%
							grade 7 events	68433	63428	66991	70365	67684	55160
								41%	39%	40%	41%	39%	28%

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	323.9819374157168	Alternating exposures requested	N	N
[deg] Pointing Dec	0	11.47852273815228	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	195.0909286372489			
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	335655104.255822	335655103.23082			
Observation start date	2008-08-20T21:31:44	2008-08-20T21:31:43			
[s] Observation end time (MET)	335666539.156383	335666538.13138			
Observation end date	2008-08-21T00:42:19	2008-08-21T00:42:18			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2770120256543

A.2 Comments