

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57692 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 18 2012

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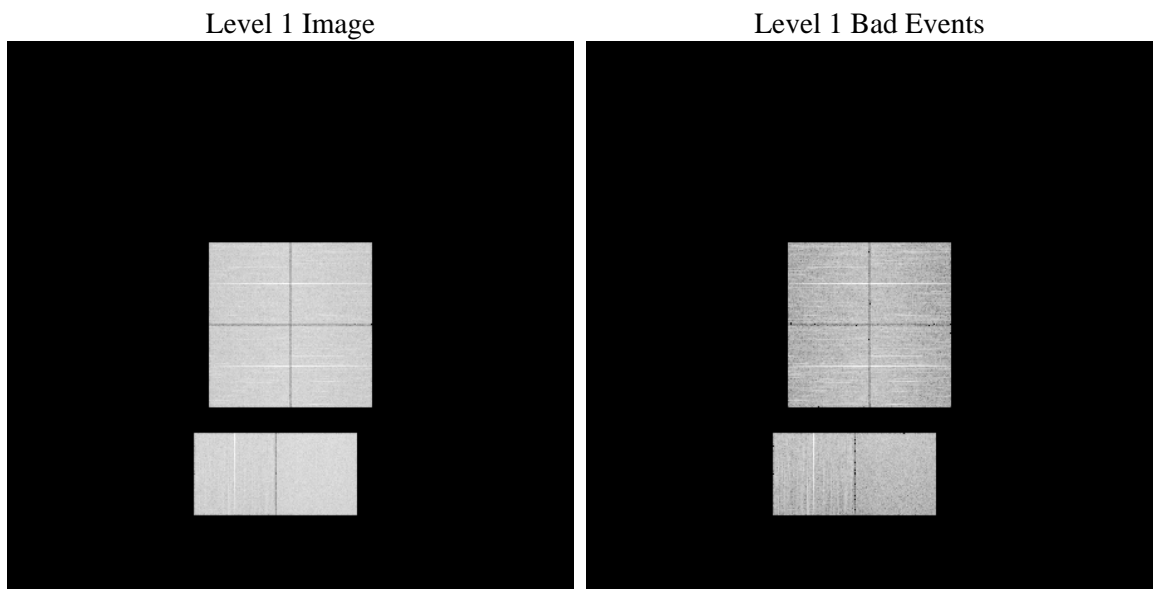
1 Front

seq_num	 	Sequence number
obs_id	57692	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	49.980109899877	Nominal RA [deg]
dec_nom	48.025466043334	Nominal Dec [deg]
roll_nom	84.704457844514	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8275.1999692321	Sum of GTIs [s]
livetime	8170.4144044945	Livetime [s]
ontime0	8275.1999692321	Sum of GTIs [s]
ontime1	8275.1999692321	Sum of GTIs [s]
ontime2	8275.1999692321	Sum of GTIs [s]
ontime3	8275.1999692321	Sum of GTIs [s]
ontime6	8275.1999692321	Sum of GTIs [s]
ontime7	8275.1999692321	Sum of GTIs [s]
l2events	576340	Number of level 2 events

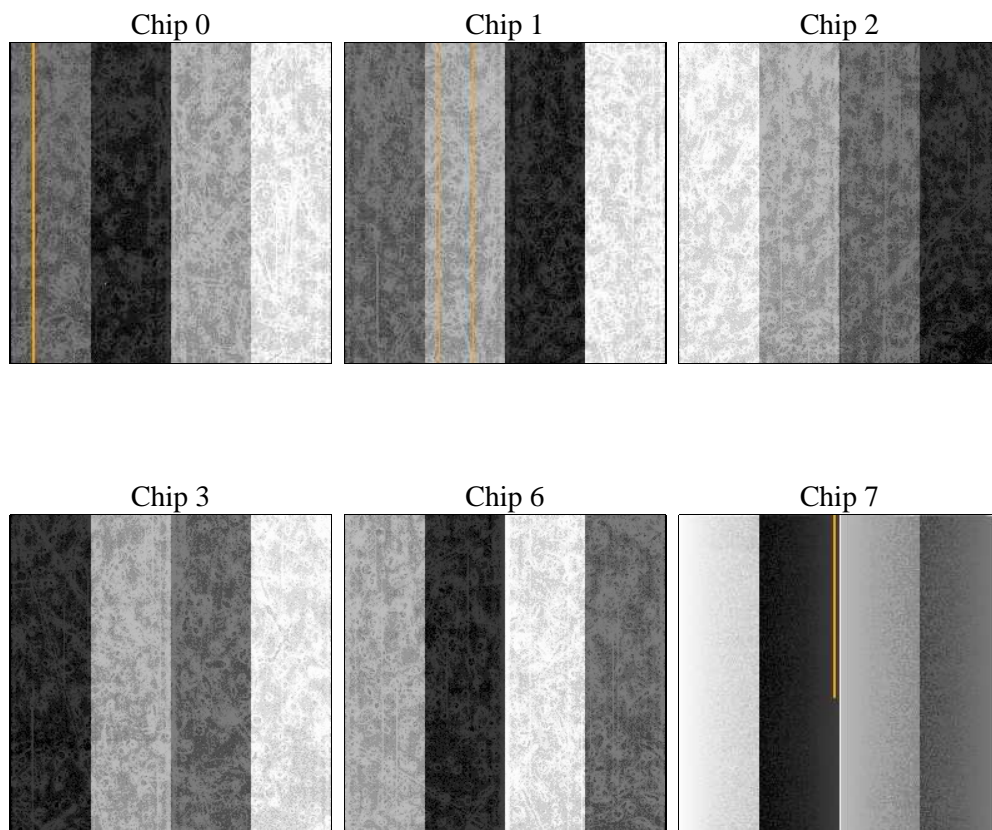
2 OBI

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	8275.1999692321	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8275.1999692321	Sum of GTIs [s]
date	2012-05-18T04:17:49	Date and time of file creation	ontime1	8275.1999692321	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8275.1999692321	Sum of GTIs [s]
			ontime3	8275.1999692321	Sum of GTIs [s]
			ontime6	8275.1999692321	Sum of GTIs [s]
			ontime7	8275.1999692321	Sum of GTIs [s]
			l1events	1019135	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	161010	158677	165711	166704	172210	194823	grade 0 events	50686	50161	52063	52329	52490	25521
rejected events	66640	63954	70546	71423	72921	65308		31%	31%	31%	31%	30%	13%
rejected %	41%	40%	42%	42%	42%	33%	grade 1 events	372	272	402	418	344	168
								0%	0%	0%	0%	0%	0%
							grade 2 events	16994	17445	16577	16447	17539	28154
								10%	10%	10%	9%	10%	14%
							grade 3 events	6324	6359	6517	6400	6407	12419
								3%	4%	3%	3%	3%	6%
							grade 4 events	6316	6157	6356	6487	6420	12094
								3%	3%	3%	3%	3%	6%
							grade 5 events	3777	3973	3665	4179	4147	10796
								2%	2%	2%	2%	2%	5%
							grade 6 events	14090	14636	13693	13648	16465	51372
								8%	9%	8%	8%	9%	26%
							grade 7 events	62451	59674	66438	66796	68398	54299
								38%	37%	40%	40%	39%	27%

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	49.98010989987668
[deg] Pointing Dec	0	48.02546604333414
[deg] Pointing Roll	0.0	84.70445784451441
[mm] SIM focus pos	-1.429586	-0.7809083437167272
[mm] SIM defocus	0.1037507710433287	0.7524282956875696
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	332217330.677584	332217329.65258
Observation start date	2008-07-12T02:35:31	2008-07-12T02:35:29
[s] Observation end time (MET)	332239952.428692	332239951.40369
Observation end date	2008-07-12T08:52:32	2008-07-12T08:52:31
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)	2012.05.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2751999692321

A.2 Comments