

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 59016 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 30 2012

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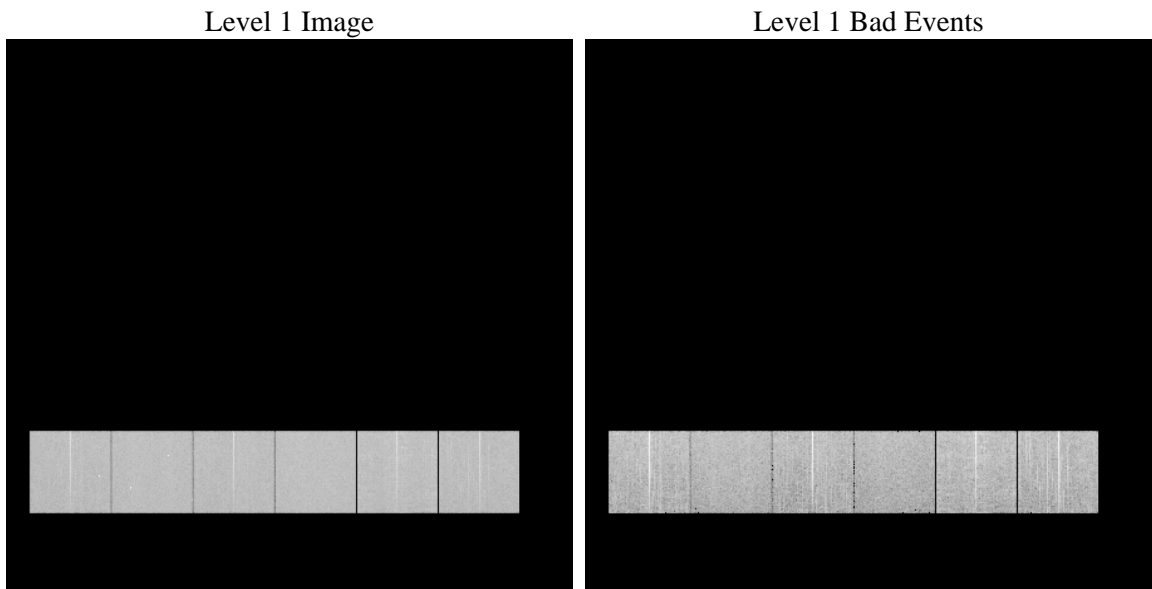
1 Front

seq_num	 	Sequence number
obs_id	59016	Observation id
title	ACIS-456789 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	224.97161033218	Nominal RA [deg]
dec_nom	10.006063868081	Nominal Dec [deg]
roll_nom	134.93566249841	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8273.9382742643	Sum of GTIs [s]
livetime	8169.1686858681	Livetime [s]
ontime4	8273.8151542544	Sum of GTIs [s]
ontime5	8273.897234261	Sum of GTIs [s]
ontime6	8273.8561942577	Sum of GTIs [s]
ontime7	8273.9382742643	Sum of GTIs [s]
ontime8	8273.7741142809	Sum of GTIs [s]
ontime9	8273.9793142676	Sum of GTIs [s]
l2events	960855	Number of level 2 events

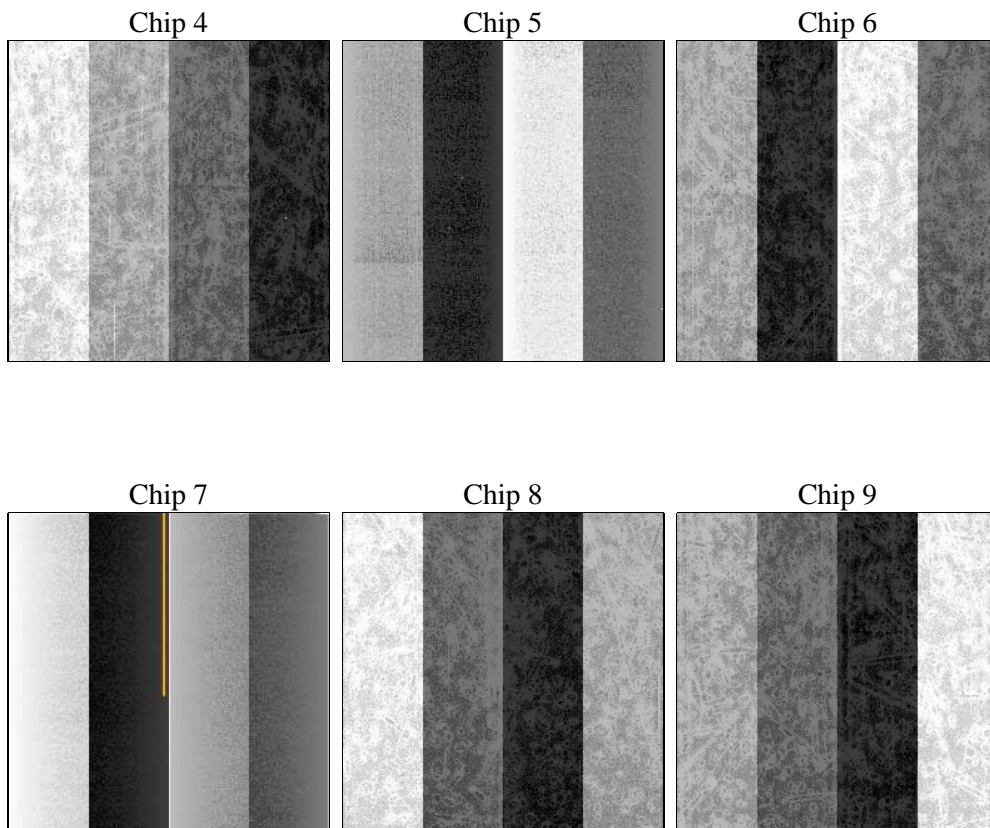
2 OBI

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	Processing system revision	ontime	8273.9382742643	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	8273.8151542544	Sum of GTIs [s]
date	2012-03-30T07:22:37	Date and time of file creation	ontime5	8273.897234261	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8273.8561942577	Sum of GTIs [s]
			ontime7	8273.9382742643	Sum of GTIs [s]
			ontime8	8273.7741142809	Sum of GTIs [s]
			ontime9	8273.9793142676	Sum of GTIs [s]
			l1events	1451491	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	232672	241491	236580	250178	254869	235701	grade 0 events	89549	33230	90000	42893	94351	88291
rejected events	77136	65557	68776	59116	77406	74061		38%	13%	38%	17%	37%	37%
rejected %	33%	27%	29%	23%	30%	31%	grade 1 events	804	260	487	168	553	577
								0%	0%	0%	0%	0%	0%
							grade 2 events	24571	64303	29447	41477	31811	27583
								10%	26%	12%	16%	12%	11%
							grade 3 events	10698	9399	10582	18785	11725	10677
								4%	3%	4%	7%	4%	4%
							grade 4 events	10559	9464	10468	18447	11854	10414
								4%	3%	4%	7%	4%	4%
							grade 5 events	4119	9491	4151	9856	5265	4624
								1%	3%	1%	3%	2%	1%
							grade 6 events	20159	59538	27307	69460	27722	24675
								8%	24%	11%	27%	10%	10%
							grade 7 events	72213	55806	64138	49092	71588	68860
								31%	23%	27%	19%	28%	29%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	224.971610332175
[deg] Pointing Dec	0	10.00606386808131
[deg] Pointing Roll	0.0	134.9356624984144
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	261619804.503984	261619803.47898
Observation start date	2006-04-17T00:10:05	2006-04-17T00:10:03
[s] Observation end time (MET)	261643883.805107	261643882.7801
Observation end date	2006-04-17T06:51:24	2006-04-17T06:51:22
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)	2012.04.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2739382742643

A.2 Comments