

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58179 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 2 2012

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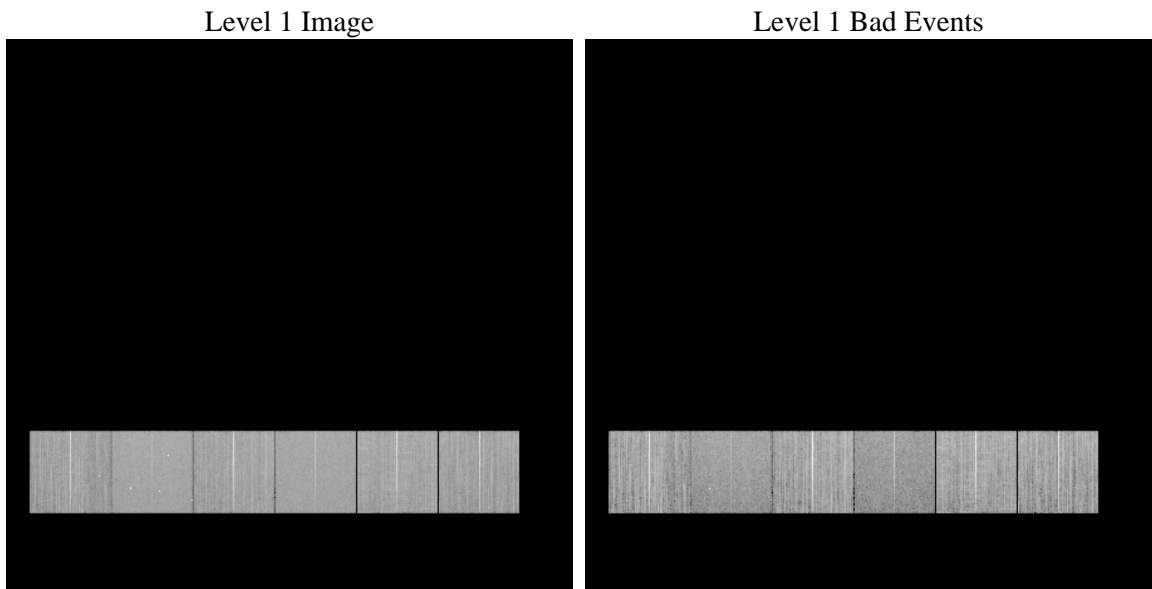
1 Front

seq_num	 	Sequence number
obs_id	58179	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	39.980689978091	Nominal RA [deg]
dec_nom	10.021617340218	Nominal Dec [deg]
roll_nom	98.434065948329	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7878.3999707103	Sum of GTIs [s]
livetime	7778.6389264782	Livetime [s]
ontime4	5671.2881442308	Sum of GTIs [s]
ontime5	7878.3999707103	Sum of GTIs [s]
ontime6	6241.7020156384	Sum of GTIs [s]
ontime7	7878.3999707103	Sum of GTIs [s]
ontime8	6468.5709069967	Sum of GTIs [s]
ontime9	6050.4839171171	Sum of GTIs [s]
l2events	621046	Number of level 2 events

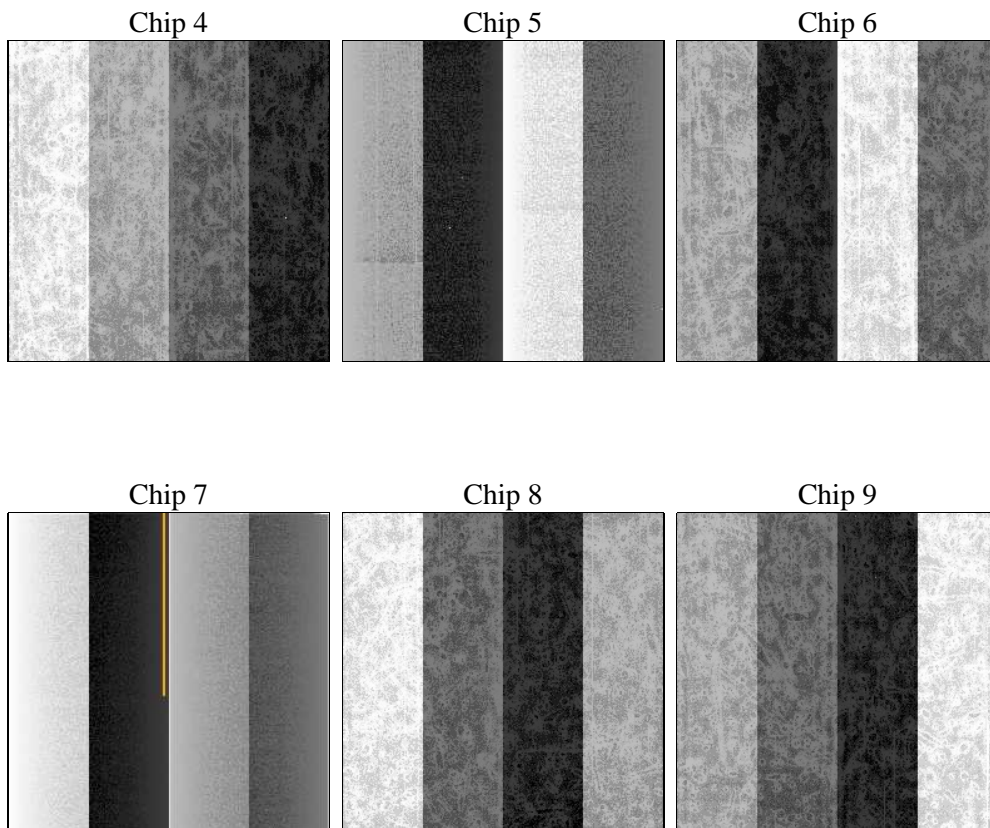
2 OBI

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	7878.3999707103	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	5671.2881442308	Sum of GTIs [s]
date	2012-05-02T10:34:29	Date and time of file creation	ontime5	7878.3999707103	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6241.7020156384	Sum of GTIs [s]
			ontime7	7878.3999707103	Sum of GTIs [s]
			ontime8	6468.5709069967	Sum of GTIs [s]
			ontime9	6050.4839171171	Sum of GTIs [s]
			l1events	1423115	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	214557	245743	239641	238540	256762	227872	grade 0 events	46027	23525	48456	30117	54565	47374
rejected events	132712	101064	145653	87815	150520	139431		21%	9%	20%	12%	21%	20%
rejected %	61%	41%	60%	36%	58%	61%	grade 1 events	432	330	318	163	363	348
								0%	0%	0%	0%	0%	0%
							grade 2 events	14295	55645	17969	36817	20003	16023
								6%	22%	7%	15%	7%	7%
							grade 3 events	5379	6776	5943	13507	7139	5700
								2%	2%	2%	5%	2%	2%
							grade 4 events	5328	6441	5814	13430	6941	5587
								2%	2%	2%	5%	2%	2%
							grade 5 events	3151	9464	3243	10113	4431	3524
								1%	3%	1%	4%	1%	1%
							grade 6 events	10870	52349	15848	57006	17643	13845
								5%	21%	6%	23%	6%	6%
							grade 7 events	129075	91213	142050	77387	145677	135471
								60%	37%	59%	32%	56%	59%

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	39.98068997809077
[deg] Pointing Dec	0	10.02161734021846
[deg] Pointing Roll	0.0	98.4340659483294
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	307958746.749621	307958745.72461
Observation start date	2007-10-05T08:05:47	2007-10-05T08:05:45
[s] Observation end time (MET)	307969107.45012	307969106.42511
Observation end date	2007-10-05T10:58:27	2007-10-05T10:58:26
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)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8783999707103

A.2 Comments