

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57071 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 8 2012

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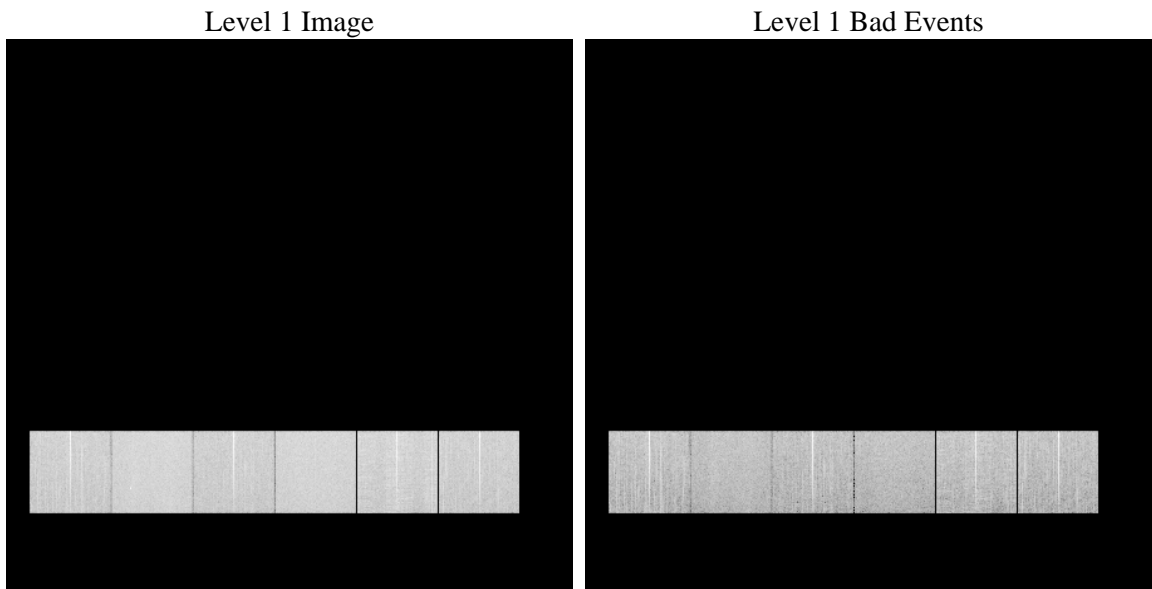
1 Front

seq_num	 	Sequence number
obs_id	57071	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	106.47106011294	Nominal RA [deg]
dec_nom	54.198944711915	Nominal Dec [deg]
roll_nom	257.36347934125	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8175.9999696016	Sum of GTIs [s]
livetime	8072.4705349904	Livetime [s]
ontime4	8175.9999696016	Sum of GTIs [s]
ontime5	8175.9999696016	Sum of GTIs [s]
ontime6	8175.9999696016	Sum of GTIs [s]
ontime7	8175.9999696016	Sum of GTIs [s]
ontime8	8175.9999696016	Sum of GTIs [s]
ontime9	8172.7590093017	Sum of GTIs [s]
l2events	515966	Number of level 2 events

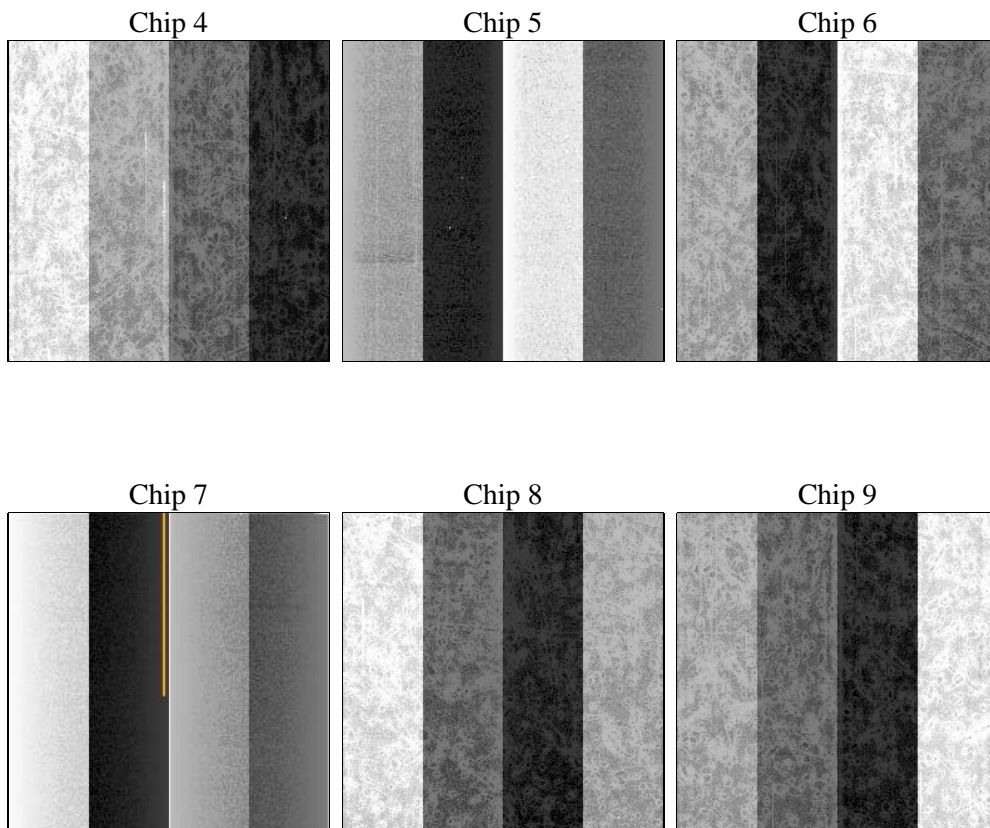
2 OBI

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	8.4.5	Processing system revision	ontime	8175.9999696016	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8175.9999696016	Sum of GTIs [s]
date	2012-06-08T08:38:50	Date and time of file creation	ontime5	8175.9999696016	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8175.9999696016	Sum of GTIs [s]
			ontime7	8175.9999696016	Sum of GTIs [s]
			ontime8	8175.9999696016	Sum of GTIs [s]
			ontime9	8172.7590093017	Sum of GTIs [s]
			l1events	1073698	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	168575	196928	164212	193077	187682	163224	grade 0 events	43611	15205	43472	21795	47936	42867
rejected events	93810	82137	83415	76969	93161	85535		25%	7%	26%	11%	25%	26%
rejected %	55%	41%	50%	39%	49%	52%	grade 1 events	464	268	292	162	339	355
								0%	0%	0%	0%	0%	0%
							grade 2 events	12341	43314	15098	25867	18503	14051
								7%	21%	9%	13%	9%	8%
							grade 3 events	5477	5122	5424	10996	7199	5342
								3%	2%	3%	5%	3%	3%
							grade 4 events	5420	4994	5516	10856	6912	5434
								3%	2%	3%	5%	3%	3%
							grade 5 events	4353	10196	4623	11853	6002	5023
								2%	5%	2%	6%	3%	3%
							grade 6 events	10363	50034	13941	50467	17142	12570
								6%	25%	8%	26%	9%	7%
							grade 7 events	86546	67795	75846	61081	83649	77582
								51%	34%	46%	31%	44%	47%

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	106.4710601129378
[deg] Pointing Dec	0	54.19894471191462
[deg] Pointing Roll	0.0	257.3634793412523
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	360328677.926952	360328677.926952
Observation start date	2009-06-02T11:17:58	2009-06-02T11:17:57
[s] Observation end time (MET)	360338677.096518	360338677.096518
Observation end date	2009-06-02T14:04:37	2009-06-02T14:04:37
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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)	2012.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1759999696016

A.2 Comments