

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57535 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 25 2012

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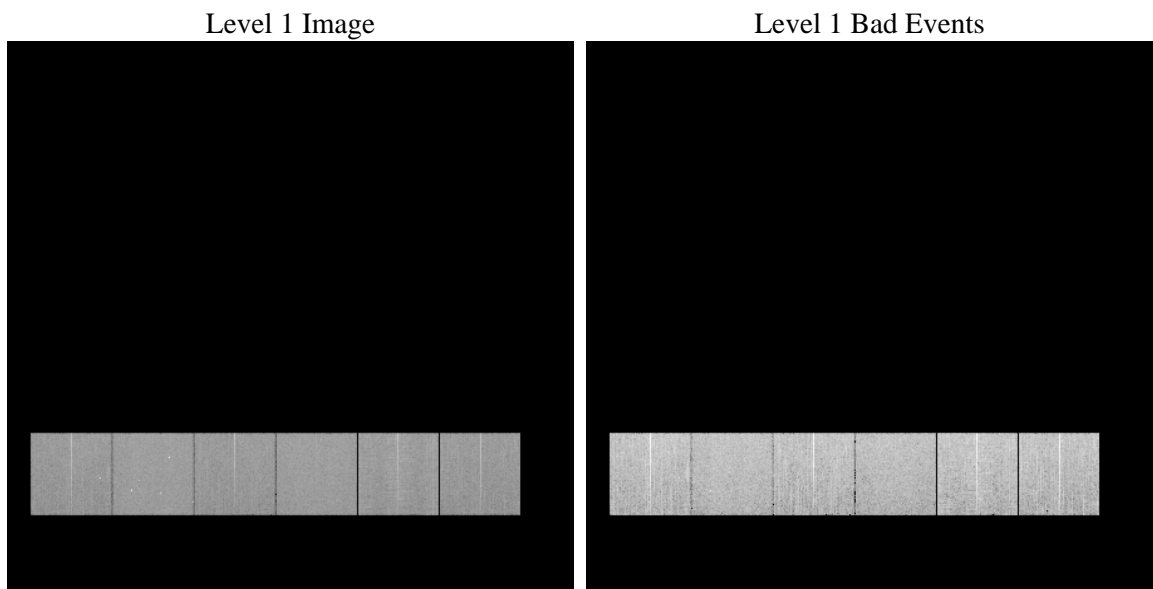
1 Front

seq_num	 	Sequence number
obs_id	57535	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	44.978768127637	Nominal RA [deg]
dec_nom	30.000059837998	Nominal Dec [deg]
roll_nom	148.35580354931	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7192.3007190228	Sum of GTIs [s]
livetime	7101.2274766349	Livetime [s]
ontime4	7192.1775990129	Sum of GTIs [s]
ontime5	7192.2596790195	Sum of GTIs [s]
ontime6	7192.2186390162	Sum of GTIs [s]
ontime7	7192.3007190228	Sum of GTIs [s]
ontime8	7192.1365590096	Sum of GTIs [s]
ontime9	7192.3417590261	Sum of GTIs [s]
l2events	517587	Number of level 2 events

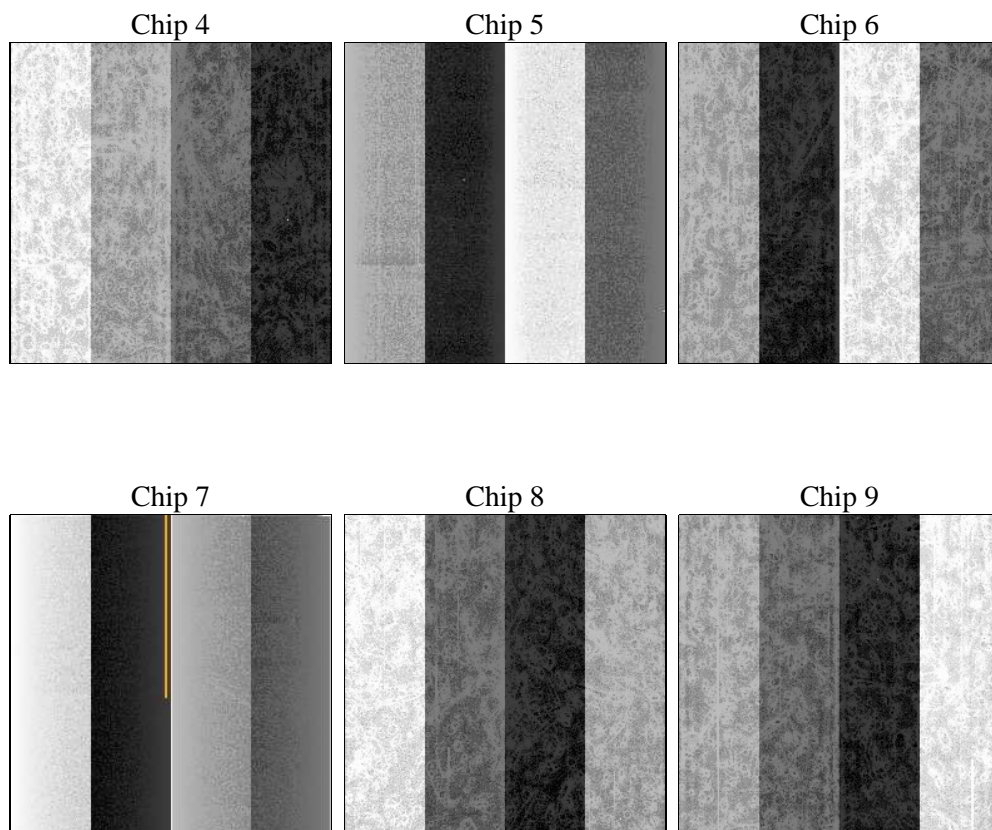
2 OBI

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	7192.3007190228	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7192.1775990129	Sum of GTIs [s]
date	2012-05-25T07:55:12	Date and time of file creation	ontime5	7192.2596790195	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7192.2186390162	Sum of GTIs [s]
			ontime7	7192.3007190228	Sum of GTIs [s]
			ontime8	7192.1365590096	Sum of GTIs [s]
			ontime9	7192.3417590261	Sum of GTIs [s]
			l1events	959305	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	149856	172501	150731	169437	168163	148617	grade 0 events	45004	18288	43992	21581	47516	43462
rejected events	70584	61780	66816	58555	73039	67405		30%	10%	29%	12%	28%	29%
rejected %	47%	35%	44%	34%	43%	45%	grade 1 events	410	197	308	145	334	331
								0%	0%	0%	0%	0%	0%
							grade 2 events	12626	39465	14961	23888	17975	13965
								8%	22%	9%	14%	10%	9%
							grade 3 events	5490	5423	5478	10198	6724	5349
								3%	3%	3%	6%	3%	3%
							grade 4 events	5456	5118	5356	10242	6521	5479
								3%	2%	3%	6%	3%	3%
							grade 5 events	3695	8477	3723	9401	4890	4170
								2%	4%	2%	5%	2%	2%
							grade 6 events	10747	42503	14173	45045	16449	13021
								7%	24%	9%	26%	9%	8%
							grade 7 events	66428	53030	62740	48937	67754	62840
								44%	30%	41%	28%	40%	42%

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	44.97876812763704
[deg] Pointing Dec	0	30.00005983799775
[deg] Pointing Roll	0.0	148.3558035493122
[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)	341775076.15696	341775075.13196
Observation start date	2008-10-30T17:31:16	2008-10-30T17:31:15
[s] Observation end time (MET)	341789413.857668	341789412.83267
Observation end date	2008-10-30T21:30:14	2008-10-30T21:30:12
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.1923007190228

A.2 Comments