

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57653 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 20 2012

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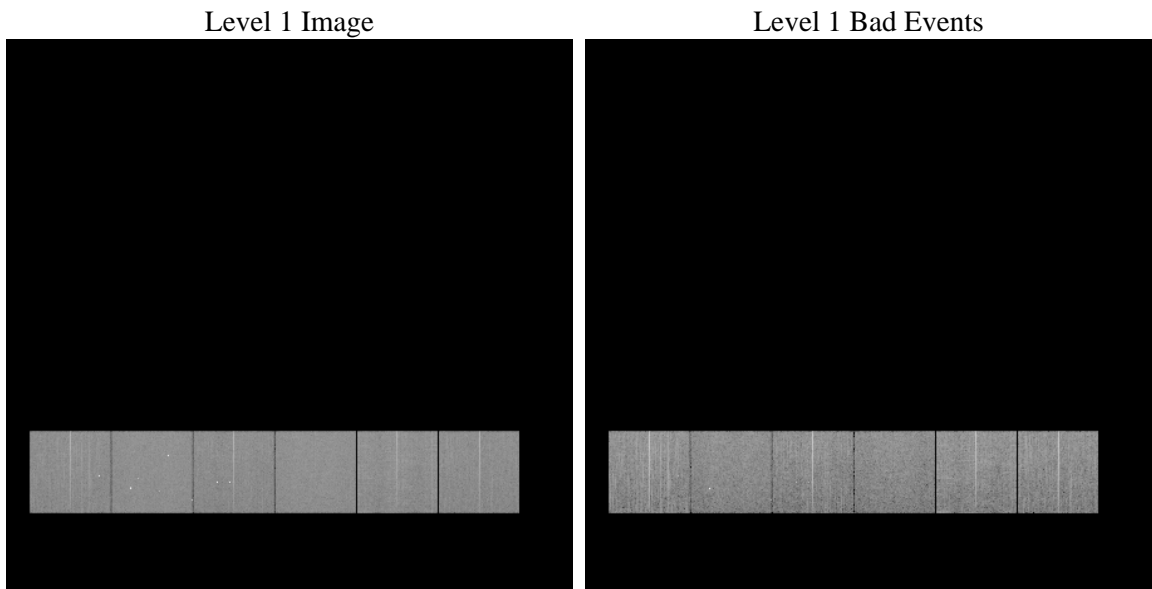
1 Front

seq_num	 	Sequence number
obs_id	57653	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	307.04159581967	Nominal RA [deg]
dec_nom	-43.995703567049	Nominal Dec [deg]
roll_nom	334.3656415144	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8153.5999696851	Sum of GTIs [s]
livetime	8050.3541773604	Livetime [s]
ontime4	8153.586766839	Sum of GTIs [s]
ontime5	8153.5999696851	Sum of GTIs [s]
ontime6	8153.5999696851	Sum of GTIs [s]
ontime7	8153.5999696851	Sum of GTIs [s]
ontime8	8153.5457268357	Sum of GTIs [s]
ontime9	8153.5999696851	Sum of GTIs [s]
l2events	679233	Number of level 2 events

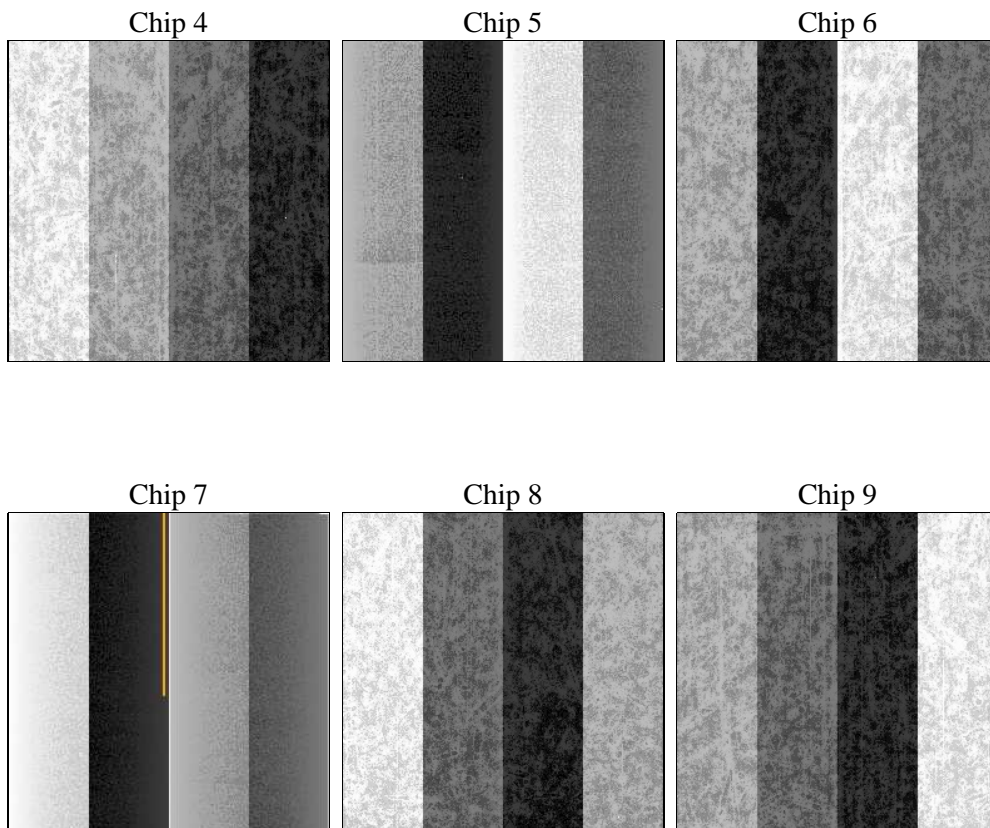
2 OBI

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	8153.5999696851	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8153.586766839	Sum of GTIs [s]
date	2012-05-20T02:15:20	Date and time of file creation	ontime5	8153.5999696851	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	8153.5999696851	Sum of GTIs [s]
			ontime7	8153.5999696851	Sum of GTIs [s]
			ontime8	8153.5457268357	Sum of GTIs [s]
			ontime9	8153.5999696851	Sum of GTIs [s]
			l1events	1213569	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	199195	211181	193969	209020	209888	190316	grade 0 events	62998	23389	58945	28975	63812	58863
rejected events	89618	73588	76295	69173	84272	80369		31%	11%	30%	13%	30%	30%
rejected %	44%	34%	39%	33%	40%	42%	grade 1 events	664	225	424	158	478	459
								0%	0%	0%	0%	0%	0%
							grade 2 events	17428	50385	20210	30478	23069	19098
								8%	23%	10%	14%	10%	10%
							grade 3 events	7522	6488	8212	13113	8968	7238
								3%	3%	4%	6%	4%	3%
							grade 4 events	7488	6545	11073	12892	8891	7244
								3%	3%	5%	6%	4%	3%
							grade 5 events	4258	10052	4487	10826	5732	5053
								2%	4%	2%	5%	2%	2%
							grade 6 events	15355	52432	20544	56122	22287	18742
								7%	24%	10%	26%	10%	9%
							grade 7 events	83482	61665	70074	56456	76651	73619
								41%	29%	36%	27%	36%	38%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	307.041595819671	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-43.99570356704922	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	334.3656415144043			
[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)	334728968.250609	334728967.22561			
Observation start date	2008-08-10T04:16:08	2008-08-10T04:16:07			
[s] Observation end time (MET)	334751694.551723	334751693.52672			
Observation end date	2008-08-10T10:34:55	2008-08-10T10:34:53			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1535999696851

A.2 Comments