

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59058 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 28 2012

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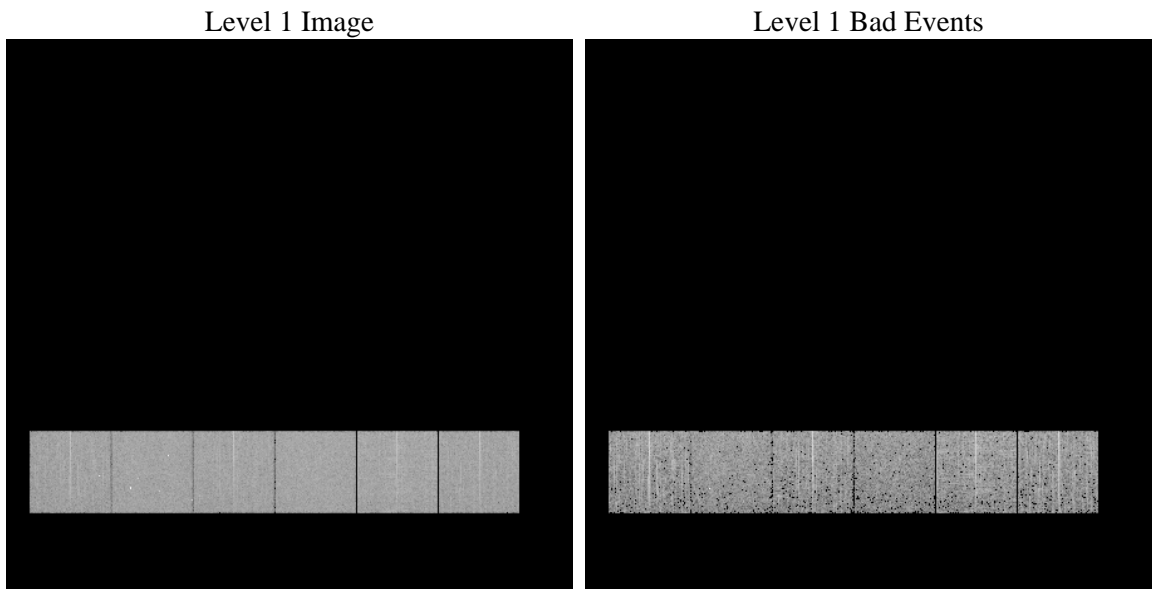
1 Front

seq_num	 	Sequence number
obs_id	59058	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	145.00959305488	Nominal RA [deg]
dec_nom	17.373925458674	Nominal Dec [deg]
roll_nom	246.5996820479	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2773.716622591	Sum of GTIs [s]
livetime	2738.5941525841	Livetime [s]
ontime4	2644.667196691	Sum of GTIs [s]
ontime5	2773.6755825877	Sum of GTIs [s]
ontime6	2721.778758049	Sum of GTIs [s]
ontime7	2773.716622591	Sum of GTIs [s]
ontime8	2770.3114722967	Sum of GTIs [s]
ontime9	2667.3540788293	Sum of GTIs [s]
l2events	343337	Number of level 2 events

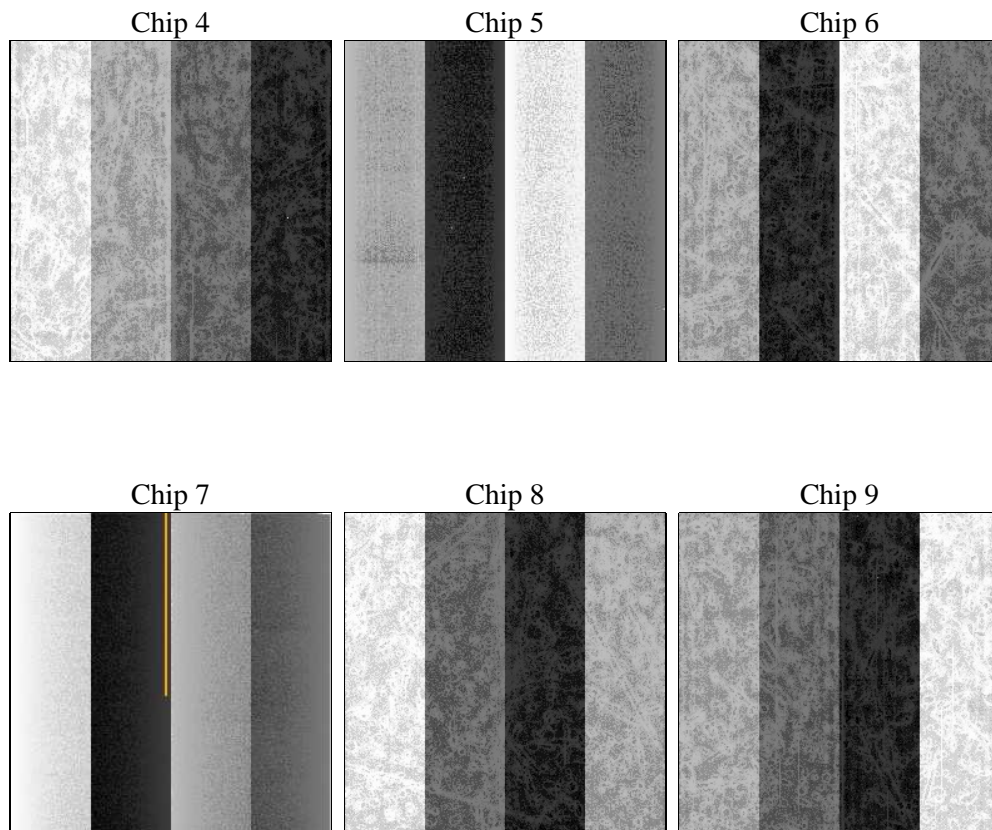
2 OBI

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	2773.716622591	Sum of GTIs [s]
caldbver	4.4.8	 	ontime4	2644.667196691	Sum of GTIs [s]
date	2012-03-28T07:43:18	Date and time of file creation	ontime5	2773.6755825877	Sum of GTIs [s]
			ontime6	2721.778758049	Sum of GTIs [s]
revision	2	Processing version of data	ontime7	2773.716622591	Sum of GTIs [s]
			ontime8	2770.3114722967	Sum of GTIs [s]
			ontime9	2667.3540788293	Sum of GTIs [s]
			l1events	512579	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	81079	85470	84497	87660	91768	82105
rejected events	26392	22612	24140	19611	26868	25191
rejected %	32%	26%	28%	22%	29%	30%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	31497	12014	32127	15615	34336	30742
	38%	14%	38%	17%	37%	37%
grade 1 events	261	90	184	52	200	221
	0%	0%	0%	0%	0%	0%
grade 2 events	8487	23397	10535	14682	11406	9711
	10%	27%	12%	16%	12%	11%
grade 3 events	3670	3243	3765	6637	4336	3733
	4%	3%	4%	7%	4%	4%
grade 4 events	3632	3281	3753	6587	4386	3800
	4%	3%	4%	7%	4%	4%
grade 5 events	1280	3221	1487	3278	1749	1442
	1%	3%	1%	3%	1%	1%
grade 6 events	7401	20923	10177	24528	10436	8928
	9%	24%	12%	27%	11%	10%
grade 7 events	24851	19301	22469	16281	24919	23528
	30%	22%	26%	18%	27%	28%

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	145.0095930548763	Alternating exposures requested	N	N
[deg] Pointing Dec	0	17.37392545867358	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	246.5996820478981			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	259070649.885255	259070648.86027			
Observation start date	2006-03-18T12:04:10	2006-03-18T12:04:08			
[s] Observation end time (MET)	259084708.785908	259084707.76092			
Observation end date	2006-03-18T15:58:29	2006-03-18T15:58:27			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.03.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.773716622591

A.2 Comments