

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59700 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 22 2012

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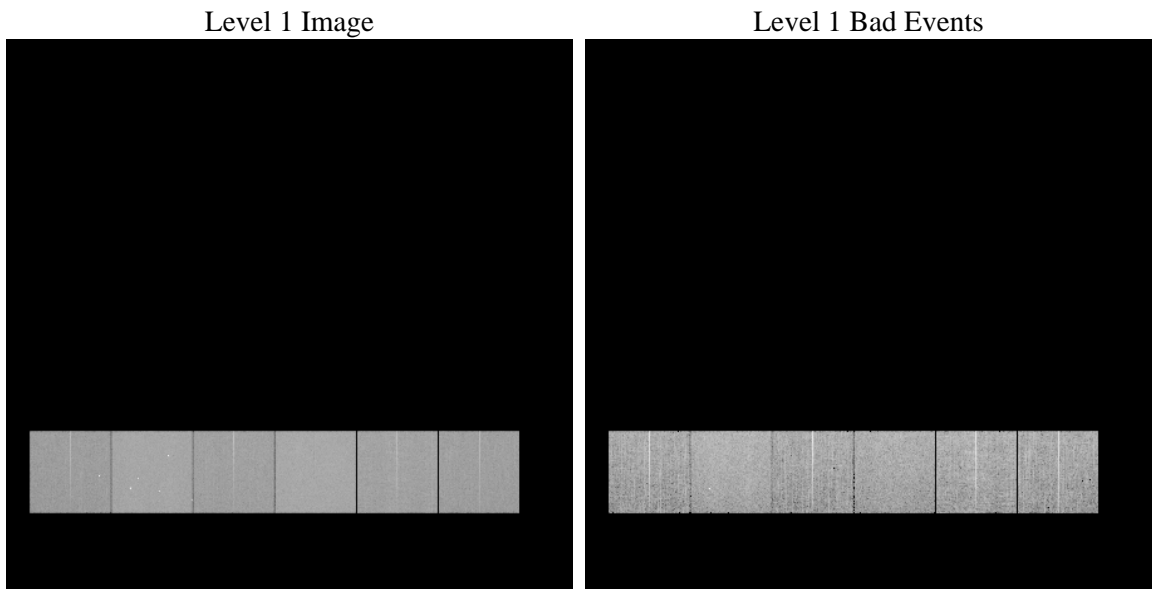
1 Front

seq_num	 	Sequence number
obs_id	59700	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	177.51704029252	Nominal RA [deg]
dec_nom	-11.523231277453	Nominal Dec [deg]
roll_nom	272.84262924092	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8595.1999679804	Sum of GTIs [s]
livetime	8486.3623705777	Livetime [s]
ontime4	6054.2681375742	Sum of GTIs [s]
ontime5	8595.1999679804	Sum of GTIs [s]
ontime6	6659.206905961	Sum of GTIs [s]
ontime7	8595.1999679804	Sum of GTIs [s]
ontime8	6767.2854561508	Sum of GTIs [s]
ontime9	6397.8134928644	Sum of GTIs [s]
l2events	1141509	Number of level 2 events

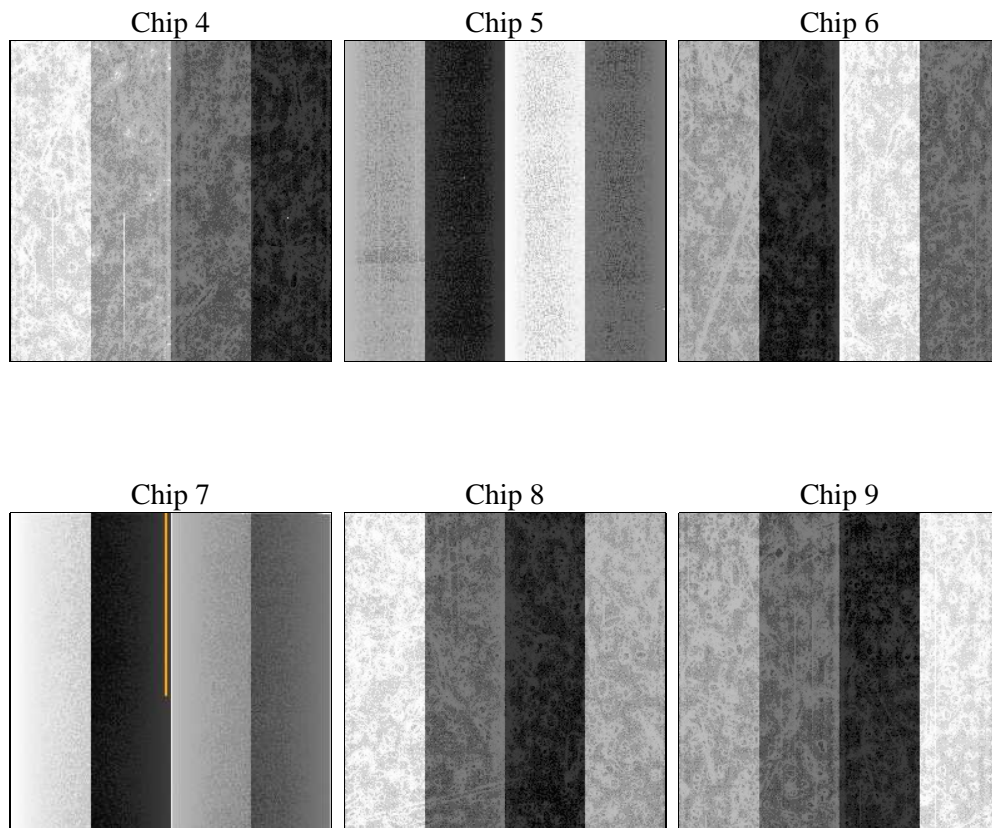
2 OBI

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	8.5.1.1	Processing system revision	ontime	8595.1999679804	Sum of GTIs [s]
caldbver	4.5.5	 	ontime4	6054.2681375742	Sum of GTIs [s]
date	2012-12-22T06:41:14	Date and time of file creation	ontime5	8595.1999679804	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	6659.206905961	Sum of GTIs [s]
			ontime7	8595.1999679804	Sum of GTIs [s]
			ontime8	6767.2854561508	Sum of GTIs [s]
			ontime9	6397.8134928644	Sum of GTIs [s]
			l1events	1552908	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	213613	296728	241376	313469	260077	227645	grade 0 events	92969	49340	100052	62444	105947	94913
rejected events	51920	63170	53025	54806	60478	52854		43%	16%	41%	19%	40%	41%
rejected %	24%	21%	21%	17%	23%	23%	grade 1 events	749	235	548	223	587	632
								0%	0%	0%	0%	0%	0%
							grade 2 events	25162	85525	32573	56837	35424	29454
								11%	28%	13%	18%	13%	12%
							grade 3 events	10759	13050	11578	25216	13127	11060
								5%	4%	4%	8%	5%	4%
							grade 4 events	10714	12879	11772	25107	12786	11173
								5%	4%	4%	8%	4%	4%
							grade 5 events	2885	9632	3353	9557	4153	3436
								1%	3%	1%	3%	1%	1%
							grade 6 events	22163	72840	32376	89148	32404	28274
								10%	24%	13%	28%	12%	12%
							grade 7 events	48212	53227	49124	44937	55649	48703
								22%	17%	20%	14%	21%	21%

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	177.5170402925169	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-11.52323127745341	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	272.8426292409188			
[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)	229819044.789608	229819043.76458			
Observation start date	2005-04-13T22:37:25	2005-04-13T22:37:23			
[s] Observation end time (MET)	229866200.941755	229866199.91673			
Observation end date	2005-04-14T11:43:21	2005-04-14T11:43:19			
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)	2013.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.5951999679804

A.2 Comments