

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61921 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 1 2012

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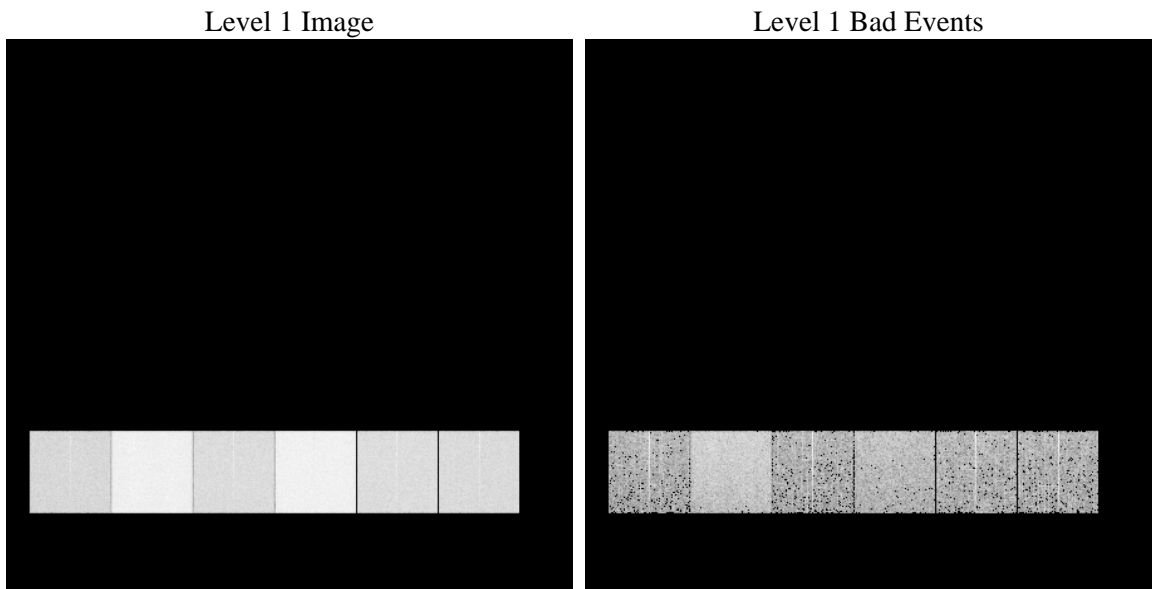
1 Front

seq_num	 	Sequence number
obs_id	61921	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	14.918176732151	Nominal RA [deg]
dec_nom	32.905074016896	Nominal Dec [deg]
roll_nom	147.12287407083	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4904.600874722	Sum of GTIs [s]
livetime	4842.4958652502	Livetime [s]
ontime4	2075.964954868	Sum of GTIs [s]
ontime5	5306.4808621109	Sum of GTIs [s]
ontime6	2259.9329062253	Sum of GTIs [s]
ontime7	4904.600874722	Sum of GTIs [s]
ontime8	2305.3075060099	Sum of GTIs [s]
ontime9	2198.3532161564	Sum of GTIs [s]
l2events	1360590	Number of level 2 events

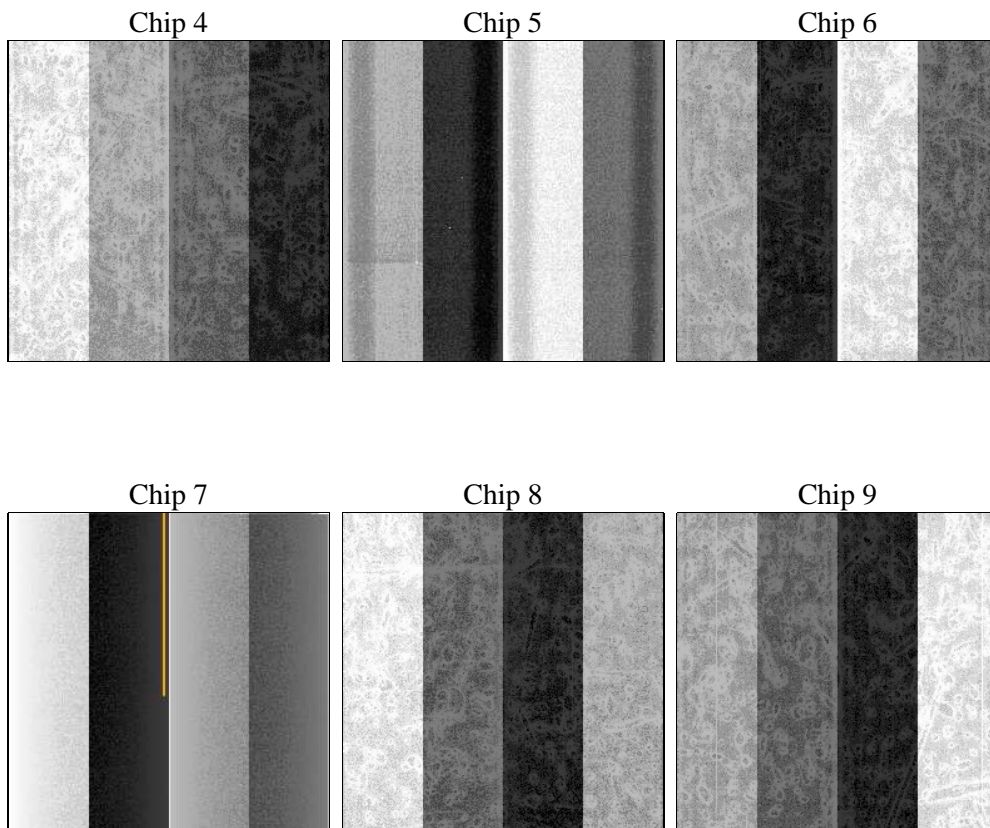
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4904.600874722	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime4	2075.964954868	Sum of GTIs [s]
date	2012-09-01T21:33:34	Date and time of file creation	ontime5	5306.4808621109	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	2259.9329062253	Sum of GTIs [s]
			ontime7	4904.600874722	Sum of GTIs [s]
			ontime8	2305.3075060099	Sum of GTIs [s]
			ontime9	2198.3532161564	Sum of GTIs [s]
			l1events	1555192	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	170076	392294	197702	406628	202703	185789	grade 0 events	85976	77697	98676	97730	101248	92208
rejected events	17976	40119	17804	23635	19622	18161		50%	19%	49%	24%	49%	49%
rejected %	10%	10%	9%	5%	9%	9%	grade 1 events	444	203	423	231	469	455
								0%	0%	0%	0%	0%	0%
							grade 2 events	27887	135635	31096	84791	32612	29745
								16%	34%	15%	20%	16%	16%
							grade 3 events	9069	20718	10959	39013	11304	10402
								5%	5%	5%	9%	5%	5%
							grade 4 events	8862	20086	10905	38672	11297	10271
								5%	5%	5%	9%	5%	5%
							grade 5 events	1317	8092	1418	5400	1544	1329
								0%	2%	0%	1%	0%	0%
							grade 6 events	20306	98224	28262	123039	26620	25194
								11%	25%	14%	30%	13%	13%
							grade 7 events	16215	31639	15963	17752	17609	16185
								9%	8%	8%	4%	8%	8%

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	14.91817673215125	Alternating exposures requested	N	N
[deg] Pointing Dec	0	32.90507401689641	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	147.1228740708278			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	85481090.75742701	85481089.98896199			
Observation start date	2000-09-16T08:44:51	2000-09-16T08:44:49			
[s] Observation end time (MET)	85491601.107822	85491600.339357			
Observation end date	2000-09-16T11:40:01	2000-09-16T11:40:00			
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)	2012.09.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.904600874722

A.2 Comments