

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60952 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 18 2012

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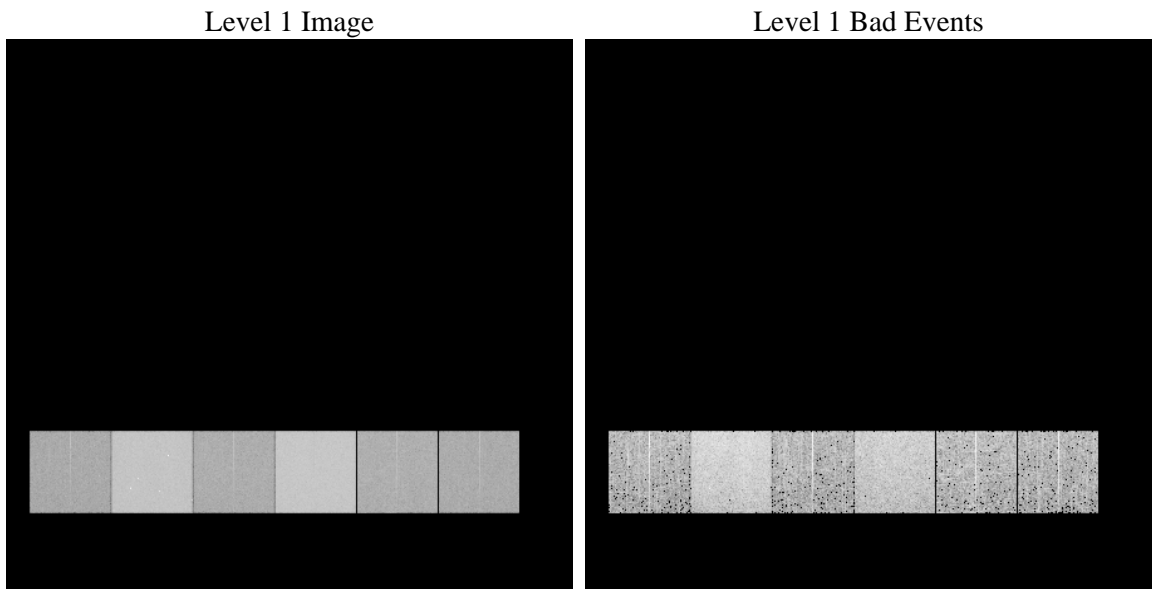
1 Front

seq_num	 	Sequence number
obs_id	60952	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	148.28378362397	Nominal RA [deg]
dec_nom	-52.973110190003	Nominal Dec [deg]
roll_nom	77.103462809705	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7759.8311266303	Sum of GTIs [s]
livetime	7661.5714724956	Livetime [s]
ontime4	2868.3161671162	Sum of GTIs [s]
ontime5	7759.790086627	Sum of GTIs [s]
ontime6	3078.9820026755	Sum of GTIs [s]
ontime7	7759.8311266303	Sum of GTIs [s]
ontime8	3192.4179041982	Sum of GTIs [s]
ontime9	2984.9929893315	Sum of GTIs [s]
l2events	1188596	Number of level 2 events

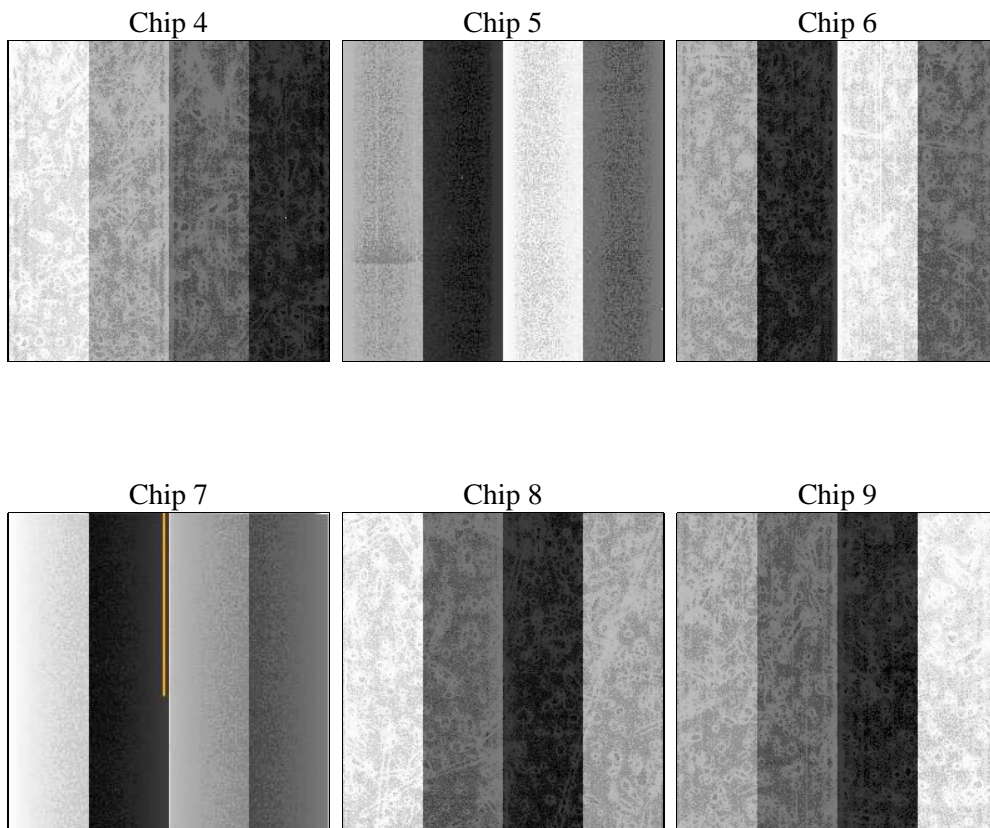
2 OBI

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	8.4.5	Processing system revision	ontime	7759.8311266303	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	2868.3161671162	Sum of GTIs [s]
date	2012-10-18T01:55:18	Date and time of file creation	ontime5	7759.790086627	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3078.9820026755	Sum of GTIs [s]
			ontime7	7759.8311266303	Sum of GTIs [s]
			ontime8	3192.4179041982	Sum of GTIs [s]
			ontime9	2984.9929893315	Sum of GTIs [s]
			l1events	1422641	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	146618	370804	166569	405073	176953	156624	grade 0 events	72087	76910	78749	92551	83347	74687
rejected events	21917	50816	22126	39831	25090	21489		49%	20%	47%	22%	47%	47%
rejected %	14%	13%	13%	9%	14%	13%	grade 1 events	518	258	403	260	451	420
								0%	0%	0%	0%	0%	0%
							grade 2 events	20090	113806	24827	81174	26296	23229
								13%	30%	14%	20%	14%	14%
							grade 3 events	8236	20227	8838	37061	9741	8433
								5%	5%	5%	9%	5%	5%
							grade 4 events	8347	20056	8945	36640	9685	8588
								5%	5%	5%	9%	5%	5%
							grade 5 events	1386	9103	1549	7746	1784	1616
								0%	2%	0%	1%	1%	1%
							grade 6 events	15941	89118	23084	117981	22794	20198
								10%	24%	13%	29%	12%	12%
							grade 7 events	20013	41326	20174	31660	22855	19453
								13%	11%	12%	7%	12%	12%

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	148.2837836239728	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-52.97311019000306	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	77.10346280970509			
[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)	154437593.603109	154437592.57839			
Observation start date	2002-11-23T11:19:54	2002-11-23T11:19:52			
[s] Observation end time (MET)	154467794.204367	154467793.17965			
Observation end date	2002-11-23T19:43:14	2002-11-23T19:43:13			
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)	2012.10.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7598311266303

A.2 Comments