

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 58962 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 1 2012

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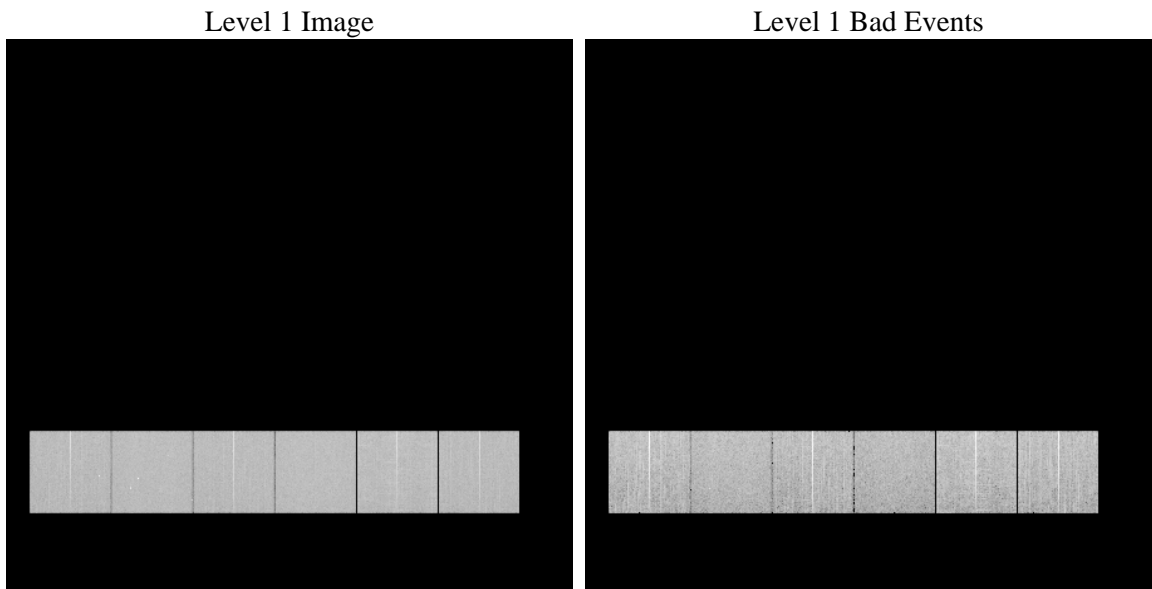
1 Front

seq_num	 	Sequence number
obs_id	58962	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	230.04110186639	Nominal RA [deg]
dec_nom	-47.987203049363	Nominal Dec [deg]
roll_nom	349.6561997623	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8172.7999695539	Sum of GTIs [s]
livetime	8069.3110552701	Livetime [s]
ontime4	8172.7999695539	Sum of GTIs [s]
ontime5	8172.7999695539	Sum of GTIs [s]
ontime6	8172.7999695539	Sum of GTIs [s]
ontime7	8172.7999695539	Sum of GTIs [s]
ontime8	8172.7999695539	Sum of GTIs [s]
ontime9	8172.7999695539	Sum of GTIs [s]
l2events	924763	Number of level 2 events

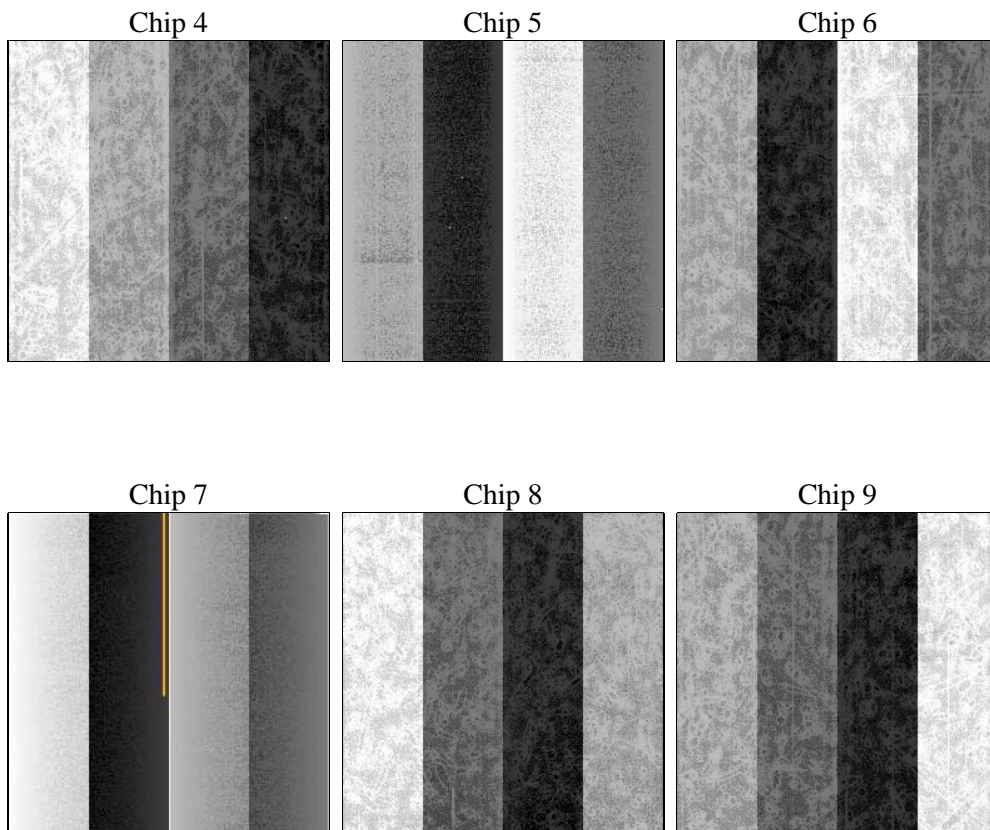
2 OBI

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	8.4.3.1	Processing system revision	ontime	8172.7999695539	Sum of GTIs [s]
caldbver	4.4.9	 	ontime4	8172.7999695539	Sum of GTIs [s]
date	2012-04-01T07:19:59	Date and time of file creation	ontime5	8172.7999695539	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8172.7999695539	Sum of GTIs [s]
			ontime7	8172.7999695539	Sum of GTIs [s]
			ontime8	8172.7999695539	Sum of GTIs [s]
			ontime9	8172.7999695539	Sum of GTIs [s]
			l1events	1432982	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	229283	238470	234573	246453	251903	232300	grade 0 events	87792	29020	87037	41047	91434	85919
rejected events	80442	68905	74446	62489	81165	77234		38%	12%	37%	16%	36%	36%
rejected %	35%	28%	31%	25%	32%	33%	grade 1 events	848	221	510	144	569	561
								0%	0%	0%	0%	0%	0%
							grade 2 events	22818	66042	28489	41065	30886	26540
								9%	27%	12%	16%	12%	11%
							grade 3 events	10420	8186	10041	17989	11585	10036
								4%	3%	4%	7%	4%	4%
							grade 4 events	10247	8140	9984	17821	11318	10472
								4%	3%	4%	7%	4%	4%
							grade 5 events	4027	9241	4173	10056	5186	4580
								1%	3%	1%	4%	2%	1%
							grade 6 events	19453	60233	26444	68333	27577	24106
								8%	25%	11%	27%	10%	10%
							grade 7 events	73678	57387	67895	49998	73348	70086
								32%	24%	28%	20%	29%	30%

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	230.0411018663864	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-47.98720304936328	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	349.6561997623028			
[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)	264360445.531782	264360444.5068			
Observation start date	2006-05-18T17:27:26	2006-05-18T17:27:24			
[s] Observation end time (MET)	264383682.282865	264383681.25788			
Observation end date	2006-05-18T23:54:42	2006-05-18T23:54:41			
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)	2012.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1727999695539

A.2 Comments