

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 58935 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 2 2012

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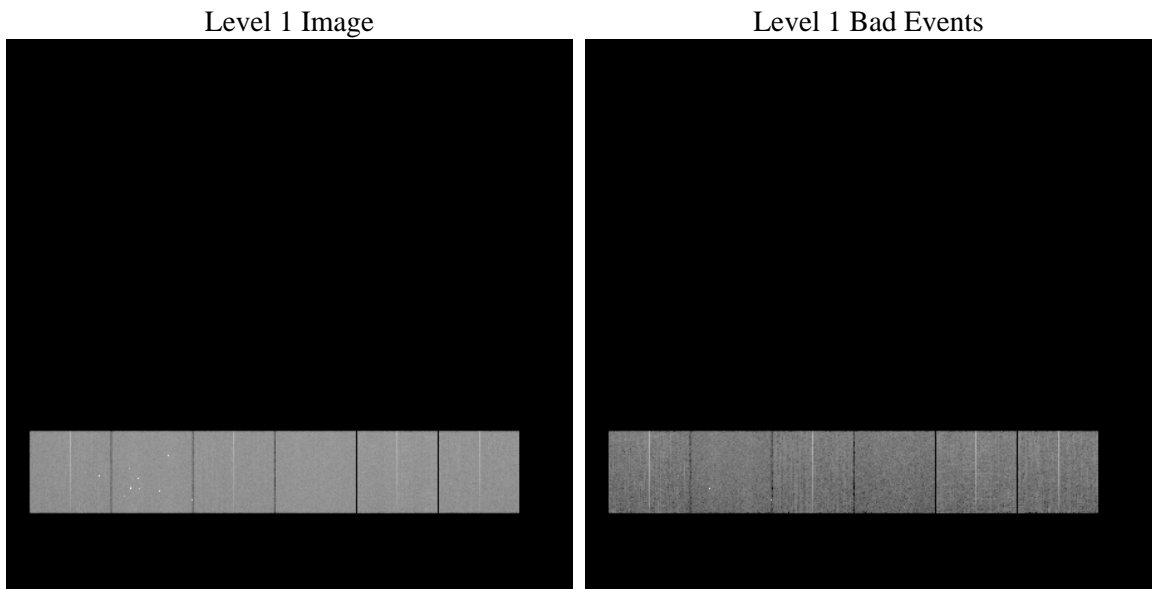
1 Front

seq_num	 	Sequence number
obs_id	58935	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	238.98875512114	Nominal RA [deg]
dec_nom	1.9736809439279	Nominal Dec [deg]
roll_nom	214.01122175782	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8243.1999692917	Sum of GTIs [s]
livetime	8138.8196078214	Livetime [s]
ontime4	8022.8134185672	Sum of GTIs [s]
ontime5	8243.1999692917	Sum of GTIs [s]
ontime6	8145.9704410434	Sum of GTIs [s]
ontime7	8243.1999692917	Sum of GTIs [s]
ontime8	8220.5131270885	Sum of GTIs [s]
ontime9	8152.4526005387	Sum of GTIs [s]
l2events	943234	Number of level 2 events

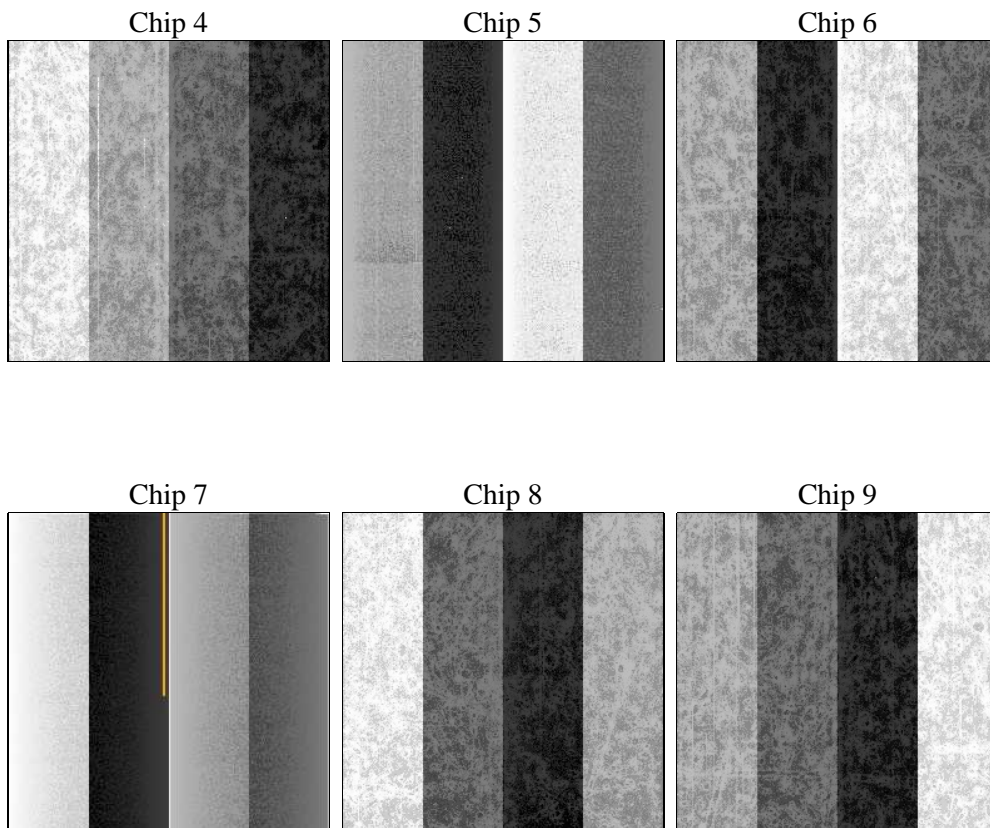
2 OBI

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	8243.1999692917	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8022.8134185672	Sum of GTIs [s]
date	2012-04-02T23:28:10	Date and time of file creation	ontime5	8243.1999692917	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8145.9704410434	Sum of GTIs [s]
			ontime7	8243.1999692917	Sum of GTIs [s]
			ontime8	8220.5131270885	Sum of GTIs [s]
			ontime9	8152.4526005387	Sum of GTIs [s]
			l1events	1462874	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	227569	254221	238797	250021	256824	235442	grade 0 events	89442	36239	87329	41690	93052	86430
rejected events	75868	71481	75987	60894	81197	77131		39%	14%	36%	16%	36%	36%
rejected %	33%	28%	31%	24%	31%	32%	grade 1 events	802	239	484	152	597	575
								0%	0%	0%	0%	0%	0%
							grade 2 events	22694	67924	28951	41662	31485	26847
								9%	26%	12%	16%	12%	11%
							grade 3 events	10260	8189	9958	18056	11774	10408
								4%	3%	4%	7%	4%	4%
							grade 4 events	10022	7980	10121	17867	11535	10193
								4%	3%	4%	7%	4%	4%
							grade 5 events	3952	9981	4182	9998	5328	4539
								1%	3%	1%	3%	2%	1%
							grade 6 events	19761	62992	26992	70377	28309	24829
								8%	24%	11%	28%	11%	10%
							grade 7 events	70636	60677	70780	50219	74744	71621
								31%	23%	29%	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	238.9887551211443	Alternating exposures requested	N	N
[deg] Pointing Dec	0	1.973680943927899	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	214.0112217578224			
[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)	266192598.267338	266192597.24235			
Observation start date	2006-06-08T22:23:18	2006-06-08T22:23:17			
[s] Observation end time (MET)	266213908.018333	266213906.99335			
Observation end date	2006-06-09T04:18:28	2006-06-09T04:18:26			
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)	2012.04.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2431999692917

A.2 Comments