

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55333 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 13 2012

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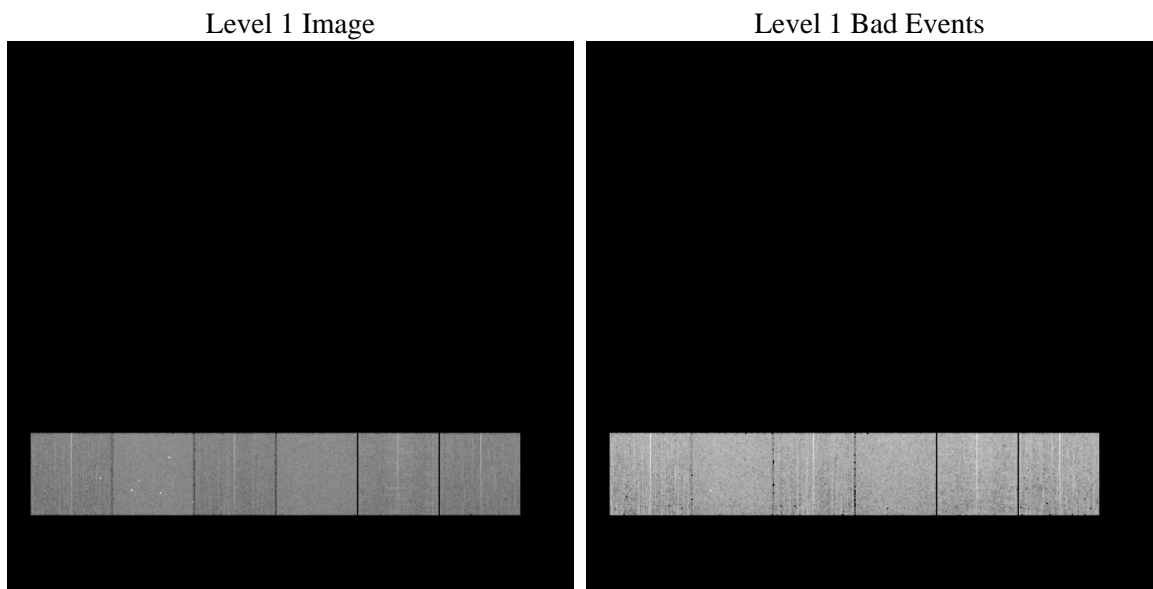
1 Front

seq_num	 	Sequence number
obs_id	55333	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	224.15268246377	Nominal RA [deg]
dec_nom	-67.688615673005	Nominal Dec [deg]
roll_nom	302.22463282106	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8153.5999696851	Sum of GTIs [s]
livetime	8050.3541773604	Livetime [s]
ontime4	8153.5999696851	Sum of GTIs [s]
ontime5	8153.5999696851	Sum of GTIs [s]
ontime6	8153.5999696851	Sum of GTIs [s]
ontime7	8153.5999696851	Sum of GTIs [s]
ontime8	8153.5999696851	Sum of GTIs [s]
ontime9	8153.5999696851	Sum of GTIs [s]
l2events	328979	Number of level 2 events

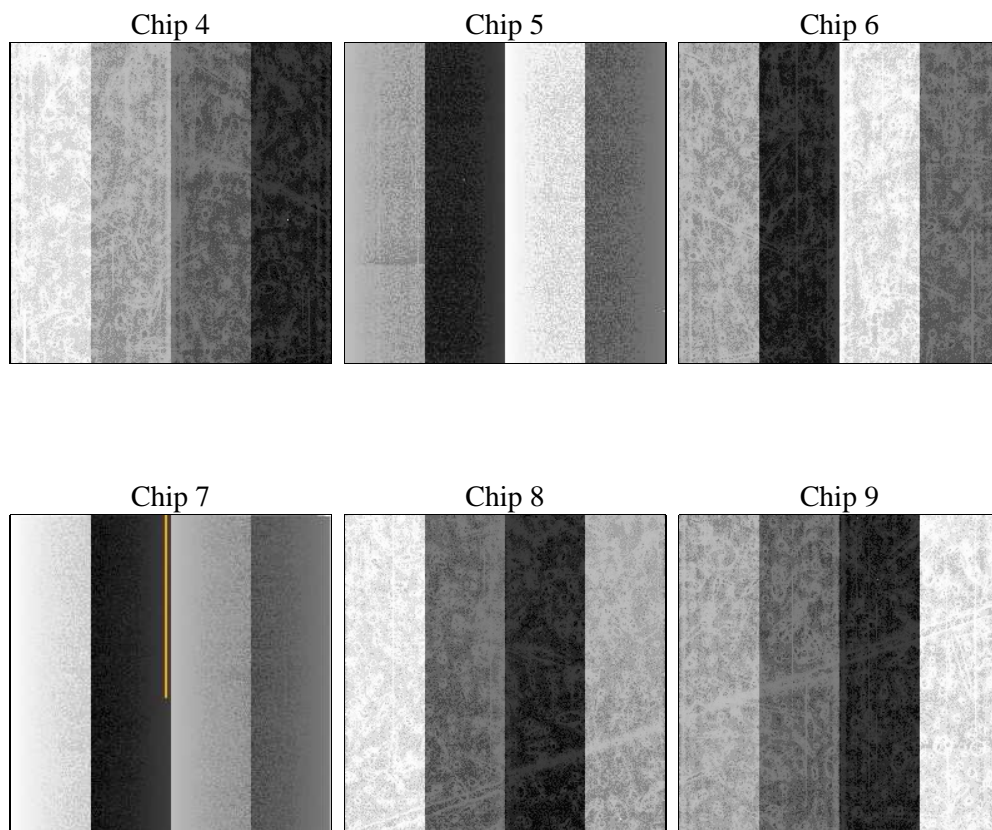
2 OBI

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	Processing system revision	ontime	8153.5999696851	Sum of GTIs [s]
caldsver	4.4.7	 	ontime4	8153.5999696851	Sum of GTIs [s]
date	2012-02-13T12:22:36	Date and time of file creation	ontime5	8153.5999696851	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8153.5999696851	Sum of GTIs [s]
			ontime7	8153.5999696851	Sum of GTIs [s]
			ontime8	8153.5999696851	Sum of GTIs [s]
			ontime9	8153.5999696851	Sum of GTIs [s]
			l1events	717231	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	106867	141749	106545	133252	122038	106780	grade 0 events	28577	13992	26203	13251	28889	25891
rejected events	58048	59440	56944	57249	62612	58602		26%	9%	24%	9%	23%	24%
rejected %	54%	41%	53%	42%	51%	54%	grade 1 events	243	173	148	101	160	164
								0%	0%	0%	0%	0%	0%
							grade 2 events	7754	28673	9247	16810	11810	8625
								7%	20%	8%	12%	9%	8%
							grade 3 events	3444	3442	3254	6965	4476	3282
								3%	2%	3%	5%	3%	3%
							grade 4 events	3378	3274	3282	6871	4384	3348
								3%	2%	3%	5%	3%	3%
							grade 5 events	3413	7657	3672	8902	4538	3908
								3%	5%	3%	6%	3%	3%
							grade 6 events	6394	34185	8398	33326	10902	7855
								5%	24%	7%	25%	8%	7%
							grade 7 events	53664	50353	52341	47026	56879	53707
								50%	35%	49%	35%	46%	50%

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	OVERRIDE	OVERRIDE
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	224.1526824637734	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-67.68861567300453	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	302.2246328210576	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.4281808131	-1.4281808131			
[mm] SIM defocus	0.1051557500557434	0.1051557500557434			
[mm] SIM translation stage pos	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	425174043.434921	425174043.434921			
Observation start date	2011-06-22T23:54:03	2011-06-22T23:54:03			
[s] Observation end time (MET)	425184132.258096	425184132.258096			
Observation end date	2011-06-23T02:42:12	2011-06-23T02:42:12			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1535999696851

A.2 Comments