

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56408 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 22 2012

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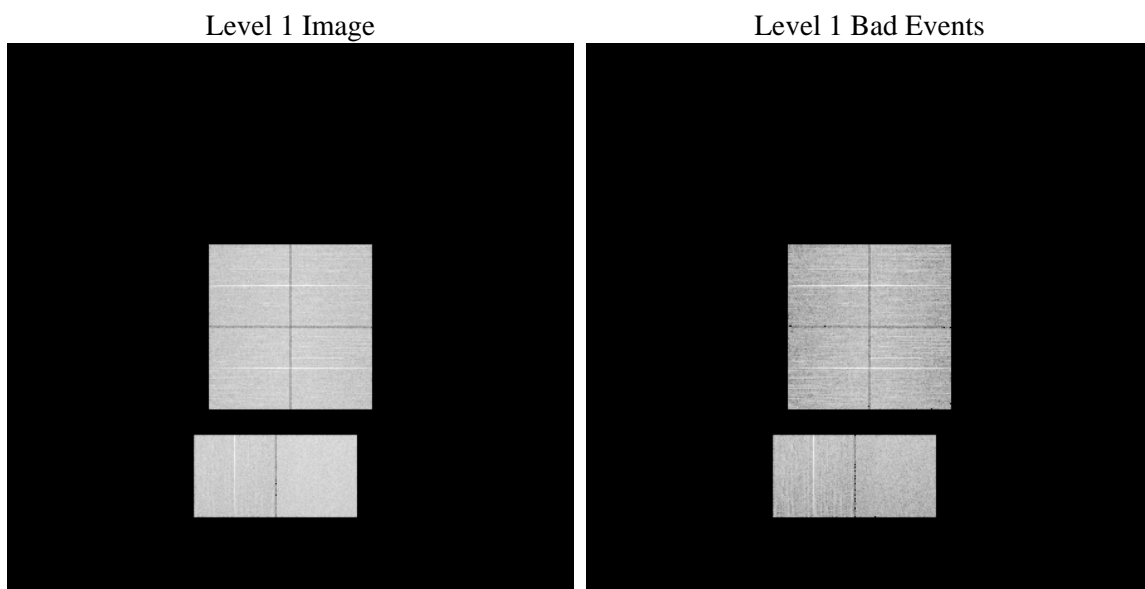
1 Front

seq_num	 	Sequence number
obs_id	56408	Observation id
title	ACIS-012367 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	149.22571435232	Nominal RA [deg]
dec_nom	12.903812109182	Nominal Dec [deg]
roll_nom	262.29703720398	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8425.5999686718	Sum of GTIs [s]
livetime	8318.9099485813	Livetime [s]
ontime0	8425.5999686718	Sum of GTIs [s]
ontime1	8425.5999686718	Sum of GTIs [s]
ontime2	8425.5999686718	Sum of GTIs [s]
ontime3	8425.5999686718	Sum of GTIs [s]
ontime6	8425.5999686718	Sum of GTIs [s]
ontime7	8425.5999686718	Sum of GTIs [s]
l2events	419806	Number of level 2 events

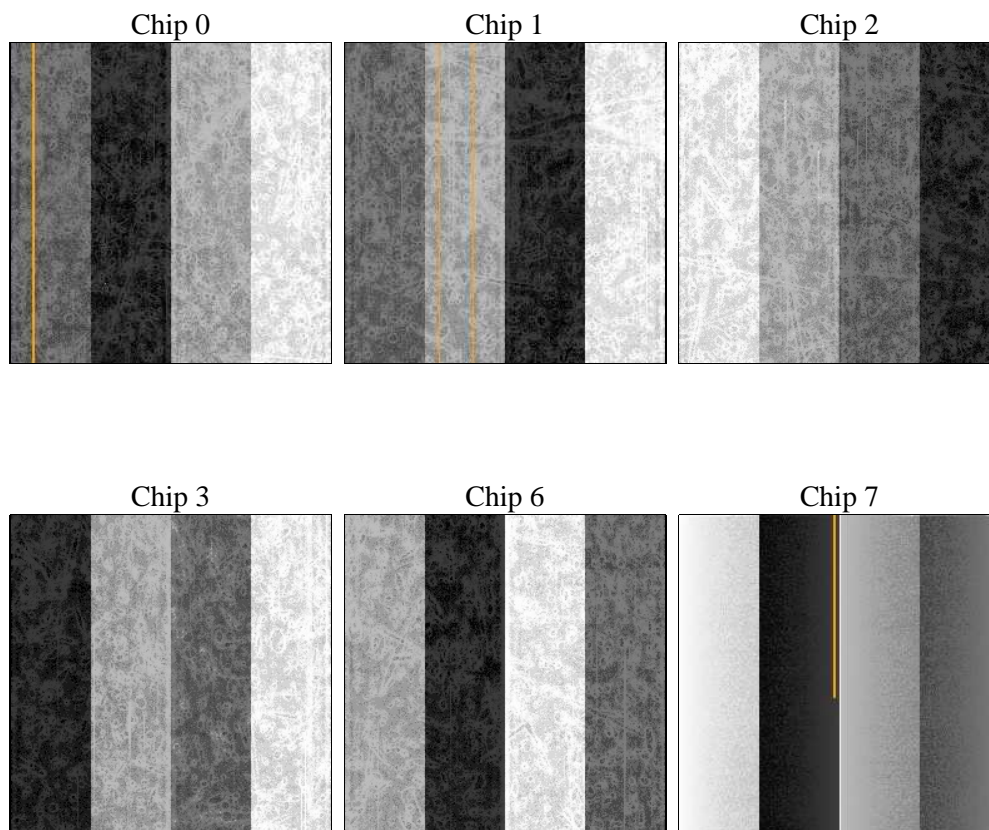
2 OBI

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	8425.5999686718	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8425.5999686718	Sum of GTIs [s]
date	2012-06-22T08:06:41	Date and time of file creation	ontime1	8425.5999686718	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8425.5999686718	Sum of GTIs [s]
			ontime3	8425.5999686718	Sum of GTIs [s]
			ontime6	8425.5999686718	Sum of GTIs [s]
			ontime7	8425.5999686718	Sum of GTIs [s]
			l1events	872781	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	135435	136294	140157	141849	143124	175922	grade 0 events	35725	35030	36505	37094	36242	18595
rejected events	68259	69142	72724	74249	73611	70398		26%	25%	26%	26%	25%	10%
rejected %	50%	50%	51%	52%	51%	40%	grade 1 events	258	202	277	285	235	157
								0%	0%	0%	0%	0%	0%
							grade 2 events	12198	12797	11594	11632	12616	22965
								9%	9%	8%	8%	8%	13%
							grade 3 events	4660	4482	4758	4697	4762	9548
								3%	3%	3%	3%	3%	5%
							grade 4 events	4440	4501	4744	4611	4566	9523
								3%	3%	3%	3%	3%	5%
							grade 5 events	4082	4249	3869	4426	4392	11277
								3%	3%	2%	3%	3%	6%
							grade 6 events	10451	10623	10083	9829	11658	45308
								7%	7%	7%	6%	8%	25%
							grade 7 events	63621	64410	68327	69275	68653	58549
								46%	47%	48%	48%	47%	33%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	149.2257143523241	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	12.90381210918208	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	262.2970372039832	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119			
[mm] SIM defocus	0.8505140384245534	0.8505140384245534			
[mm] SIM translation stage pos	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	384311938.683884	384311938.683884			
Observation start date	2010-03-07T01:18:59	2010-03-07T01:18:58			
[s] Observation end time (MET)	384324018.239987	384324018.239987			
Observation end date	2010-03-07T04:40:18	2010-03-07T04:40:18			
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)	2012.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4255999686718

A.2 Comments