

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56418 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 22 2012

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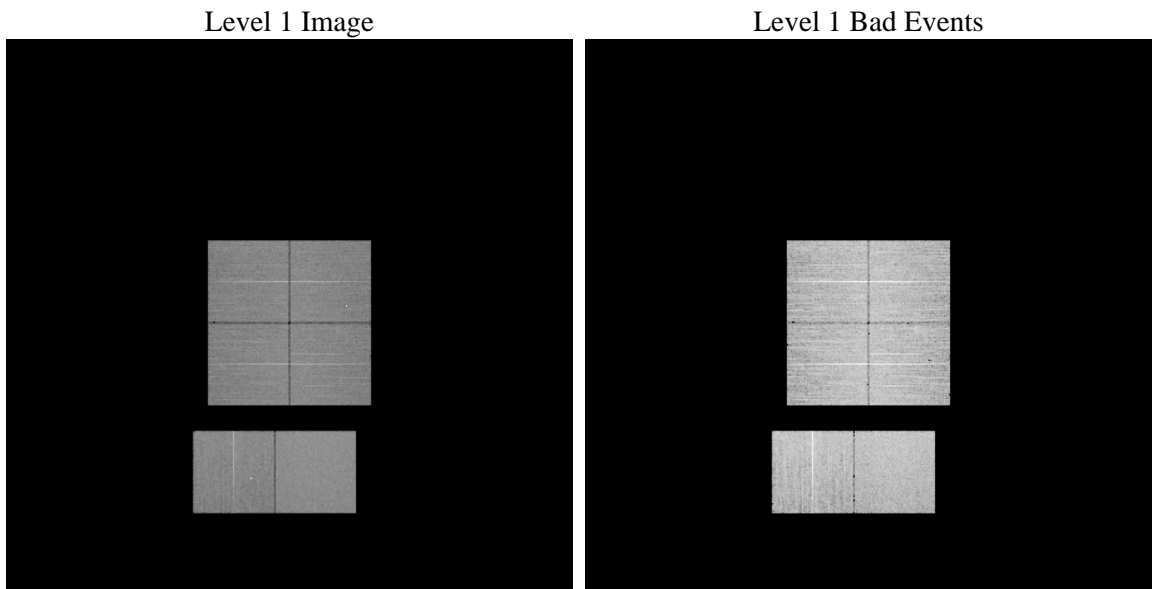
1 Front

seq_num	 	Sequence number
obs_id	56418	Observation id
title	ACIS-012367 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	159.97605926733	Nominal RA [deg]
dec_nom	30.280112559737	Nominal Dec [deg]
roll_nom	191.04679028214	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8280.4106290936	Sum of GTIs [s]
livetime	8175.5590838434	Livetime [s]
ontime0	8280.3695890903	Sum of GTIs [s]
ontime1	8280.328549087	Sum of GTIs [s]
ontime2	8280.2875090837	Sum of GTIs [s]
ontime3	8280.4516690969	Sum of GTIs [s]
ontime6	8280.2464690804	Sum of GTIs [s]
ontime7	8280.4106290936	Sum of GTIs [s]
l2events	414685	Number of level 2 events

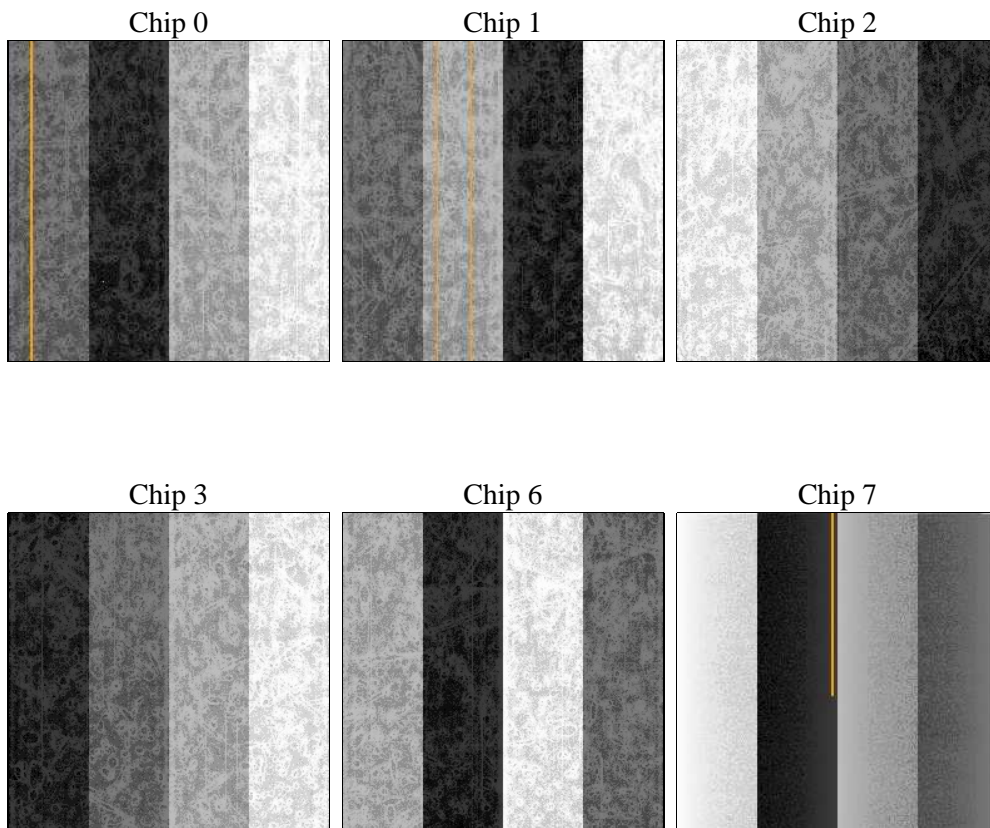
2 OBI

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	8280.4106290936	Sum of GTIs [s]
caldbver	4.4.10	 	ontime0	8280.3695890903	Sum of GTIs [s]
date	2012-06-22T06:23:09	Date and time of file creation	ontime1	8280.328549087	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8280.2875090837	Sum of GTIs [s]
			ontime3	8280.4516690969	Sum of GTIs [s]
			ontime6	8280.2464690804	Sum of GTIs [s]
			ontime7	8280.4106290936	Sum of GTIs [s]
			l1events	868104	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	134791	138839	137057	140468	143249	173700	grade 0 events	35084	34699	35854	36189	38358	18325
rejected events	68244	69873	70717	73548	72070	69943		26%	24%	26%	25%	26%	10%
rejected %	50%	50%	51%	52%	50%	40%	grade 1 events	243	204	288	268	217	133
								0%	0%	0%	0%	0%	0%
							grade 2 events	12414	15113	11613	11725	12307	22514
								9%	10%	8%	8%	8%	12%
							grade 3 events	4523	4433	4611	4679	4396	9452
								3%	3%	3%	3%	3%	5%
							grade 4 events	4447	4401	4537	4566	4538	9272
								3%	3%	3%	3%	3%	5%
							grade 5 events	4172	4222	3857	4460	4370	11214
								3%	3%	2%	3%	3%	6%
							grade 6 events	10079	10320	9725	9761	11580	44194
								7%	7%	7%	6%	8%	25%
							grade 7 events	63829	65447	66572	68820	67483	58596
								47%	47%	48%	48%	47%	33%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	159.976059267325
[deg] Pointing Dec	0	30.28011255973686
[deg] Pointing Roll	0.0	191.0467902821439
[mm] SIM focus pos	-1.429586	-0.6828225247311905
[mm] SIM defocus	0.1037507710433287	0.8505141146731063
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	384046006.520399	384046005.4954
Observation start date	2010-03-03T23:26:47	2010-03-03T23:26:45
[s] Observation end time (MET)	384066926.77146	384066925.74646
Observation end date	2010-03-04T05:15:27	2010-03-04T05:15:25
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

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	8.2804106290936

A.2 Comments