

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 59954 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 12 2012

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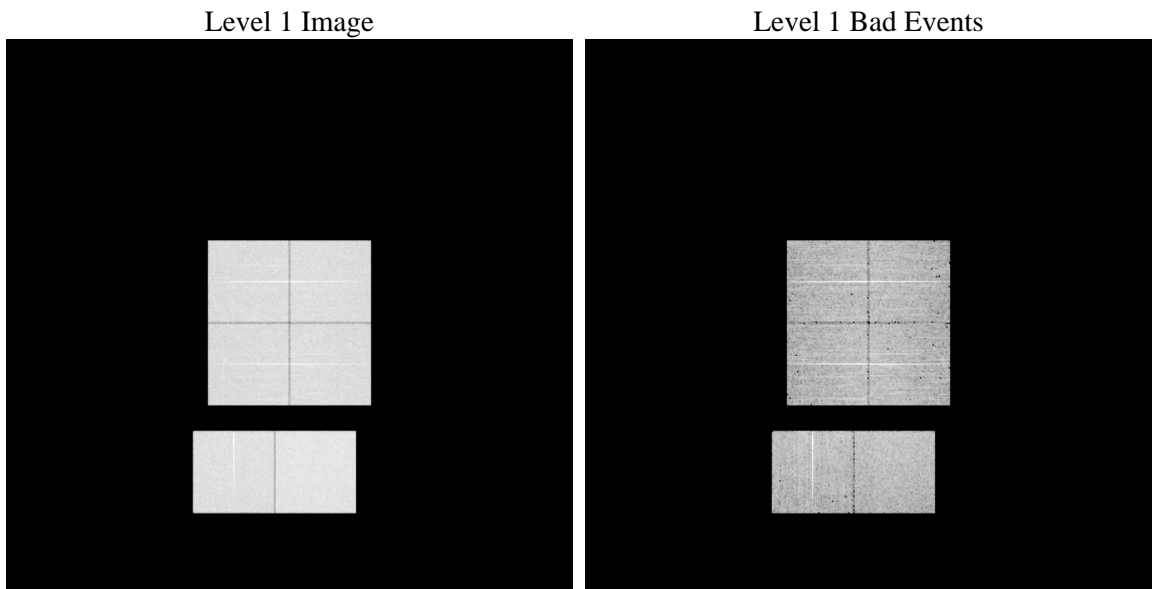
1 Front

seq_num	 	Sequence number
obs_id	59954	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	79.260534192248	Nominal RA [deg]
dec_nom	48.600180495363	Nominal Dec [deg]
roll_nom	145.4778114943	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7801.0023893416	Sum of GTIs [s]
livetime	7702.221399888	Livetime [s]
ontime0	6391.1397524774	Sum of GTIs [s]
ontime1	6601.9355731905	Sum of GTIs [s]
ontime2	6174.1280636191	Sum of GTIs [s]
ontime3	6297.2849646211	Sum of GTIs [s]
ontime6	6747.7792762518	Sum of GTIs [s]
ontime7	7801.0023893416	Sum of GTIs [s]
l2events	1064033	Number of level 2 events

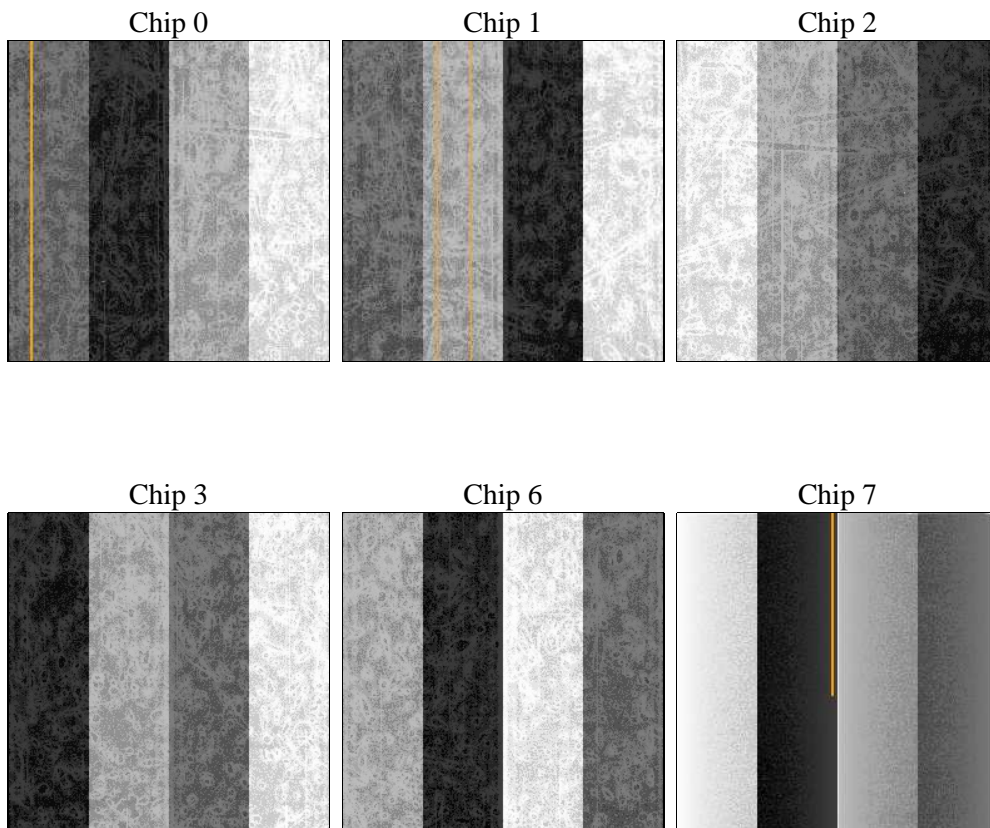
2 OBI

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	8.5	Processing system revision	ontime	7801.0023893416	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	6391.1397524774	Sum of GTIs [s]
date	2012-12-12T06:44:47	Date and time of file creation	ontime1	6601.9355731905	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6174.1280636191	Sum of GTIs [s]
			ontime3	6297.2849646211	Sum of GTIs [s]
			ontime6	6747.7792762518	Sum of GTIs [s]
			ontime7	7801.0023893416	Sum of GTIs [s]
			l1events	1411128	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	219067	225520	216141	221956	242398	286046	grade 0 events	94351	97803	93925	96389	103469	56965
rejected events	47817	46764	48236	49933	51300	49437		43%	43%	43%	43%	42%	19%
rejected %	21%	20%	22%	22%	21%	17%	grade 1 events	540	539	633	677	568	178
								0%	0%	0%	0%	0%	0%
							grade 2 events	29949	31946	28623	29541	33478	52462
								13%	14%	13%	13%	13%	18%
							grade 3 events	11202	11545	10978	11382	11937	23669
								5%	5%	5%	5%	4%	8%
							grade 4 events	11032	11575	11009	11124	11846	23755
								5%	5%	5%	5%	4%	8%
							grade 5 events	2948	3142	2772	3054	3398	8899
								1%	1%	1%	1%	1%	3%
							grade 6 events	24716	25887	23370	23587	30368	79758
								11%	11%	10%	10%	12%	27%
							grade 7 events	44329	43083	44831	46202	47334	40360
								20%	19%	20%	20%	19%	14%

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	79.26053419224834
[deg] Pointing Dec	0	48.60018049536261
[deg] Pointing Roll	0.0	145.4778114943048
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	217713521.592468	217713520.56748
Observation start date	2004-11-24T19:58:42	2004-11-24T19:58:40
[s] Observation end time (MET)	217754511.344307	217754510.31932
Observation end date	2004-11-25T07:21:51	2004-11-25T07:21:50
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8010023893416

A.2 Comments