

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57532 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 23 2012

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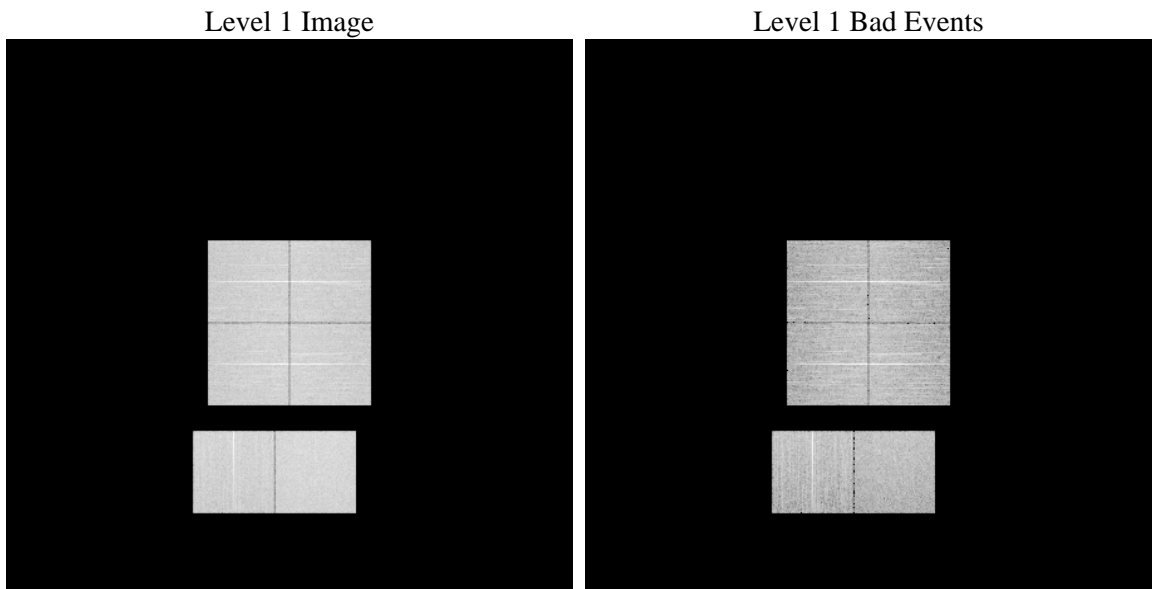
1 Front

seq_num	 	Sequence number
obs_id	57532	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	52.987900144346	Nominal RA [deg]
dec_nom	19.018853205926	Nominal Dec [deg]
roll_nom	103.47726262601	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7795.1999710202	Sum of GTIs [s]
livetime	7696.4924552813	Livetime [s]
ontime0	7795.1999710202	Sum of GTIs [s]
ontime1	7795.1999710202	Sum of GTIs [s]
ontime2	7795.1999710202	Sum of GTIs [s]
ontime3	7795.1999710202	Sum of GTIs [s]
ontime6	7795.1999710202	Sum of GTIs [s]
ontime7	7795.1999710202	Sum of GTIs [s]
l2events	539327	Number of level 2 events

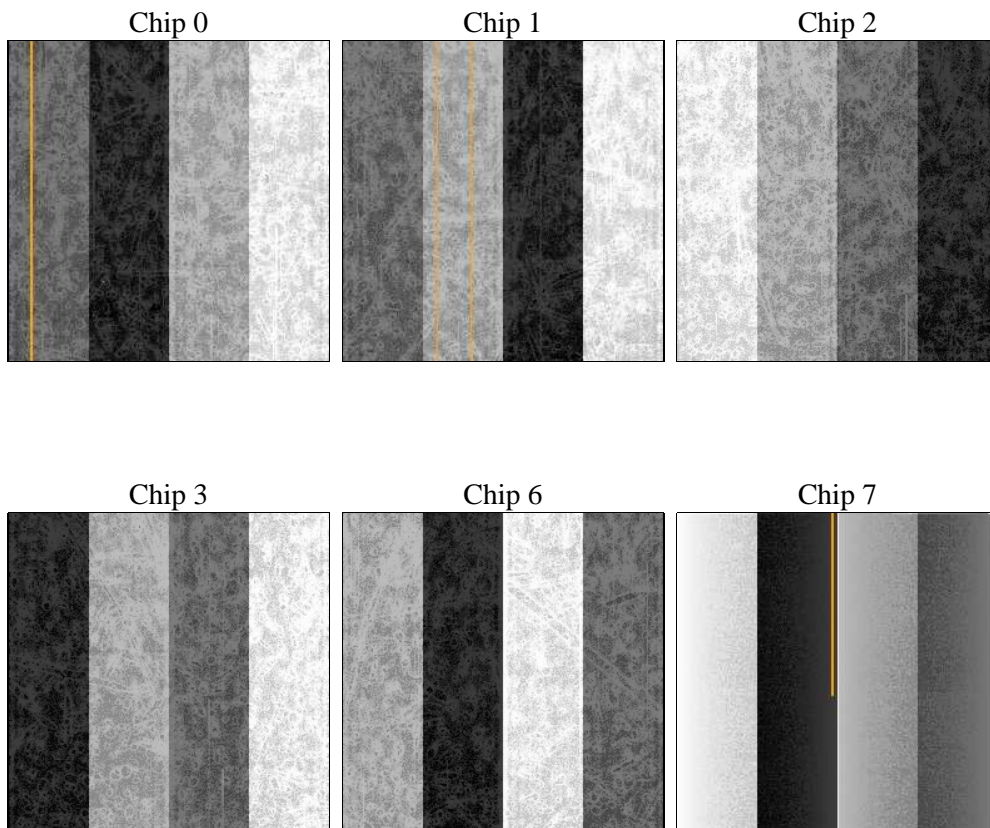
2 OBI

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	8.4.4	Processing system revision	ontime	7795.1999710202	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7795.1999710202	Sum of GTIs [s]
date	2012-05-23T12:37:29	Date and time of file creation	ontime1	7795.1999710202	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7795.1999710202	Sum of GTIs [s]
			ontime3	7795.1999710202	Sum of GTIs [s]
			ontime6	7795.1999710202	Sum of GTIs [s]
			ontime7	7795.1999710202	Sum of GTIs [s]
			l1events	973888	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	153223	153313	158751	160795	163162	184644	grade 0 events	47351	46862	48128	49229	48338	23854
rejected events	64683	63942	70830	71204	70737	63028		30%	30%	30%	30%	29%	12%
rejected %	42%	41%	44%	44%	43%	34%	grade 1 events	348	276	395	353	353	138
								0%	0%	0%	0%	0%	0%
							grade 2 events	16005	16745	15277	15449	16710	26477
								10%	10%	9%	9%	10%	14%
							grade 3 events	5928	5770	5780	5946	5953	11629
								3%	3%	3%	3%	3%	6%
							grade 4 events	5692	5802	5824	5953	5812	11395
								3%	3%	3%	3%	3%	6%
							grade 5 events	3741	3912	3504	4108	4149	10492
								2%	2%	2%	2%	2%	5%
							grade 6 events	13564	14192	12912	13014	15612	48261
								8%	9%	8%	8%	9%	26%
							grade 7 events	60594	59754	66931	66743	66235	52398
								39%	38%	42%	41%	40%	28%

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	NONE	UPDATED
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	52.9879001443463	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	19.01885320592565	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	103.4772626260055	[s] Primary exposure time	3.2	3.2
[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)	342003540.468239	342003539.44323			
Observation start date	2008-11-02T08:59:00	2008-11-02T08:58:59			
[s] Observation end time (MET)	342017913.018949	342017911.99394			
Observation end date	2008-11-02T12:58:33	2008-11-02T12:58:31			
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)	2012.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7951999710202

A.2 Comments