

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59685 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 22 2012

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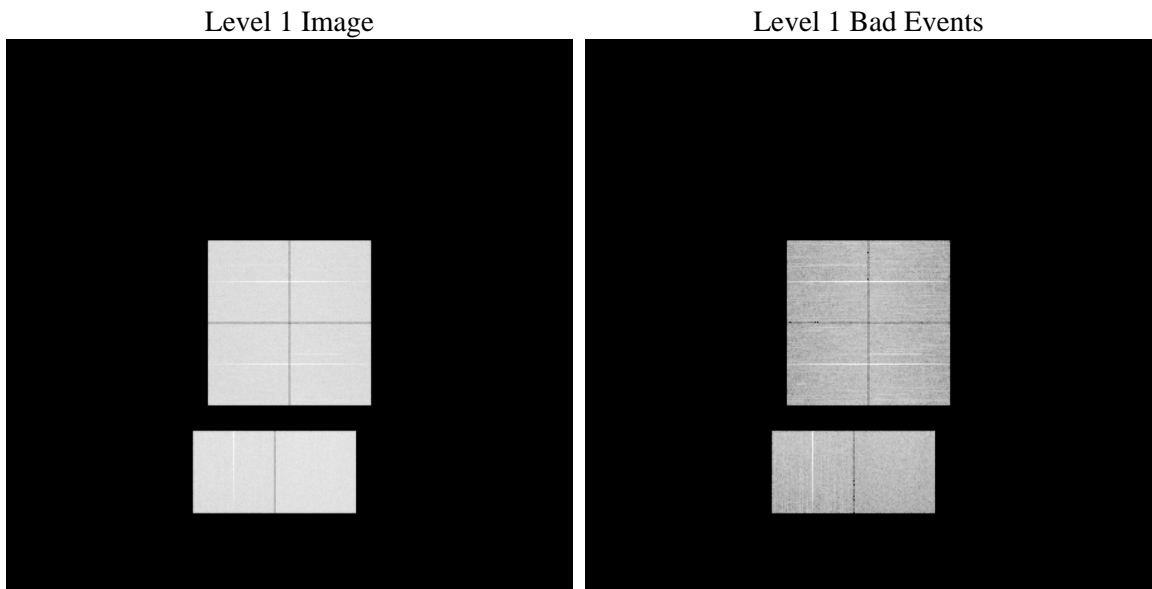
1 Front

seq_num	 	Sequence number
obs_id	59685	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	213.02490608573	Nominal RA [deg]
dec_nom	-23.98261845179	Nominal Dec [deg]
roll_nom	4.5326876356915	Nominal Roll [deg]
revision	3	Processing version of data
ontime	15807.999941111	Sum of GTIs [s]
livetime	15607.829527421	Livetime [s]
ontime0	13908.83934629	Sum of GTIs [s]
ontime1	14103.248496264	Sum of GTIs [s]
ontime2	13516.632633477	Sum of GTIs [s]
ontime3	13753.190962225	Sum of GTIs [s]
ontime6	14800.057329774	Sum of GTIs [s]
ontime7	15807.999941111	Sum of GTIs [s]
l2events	2107895	Number of level 2 events

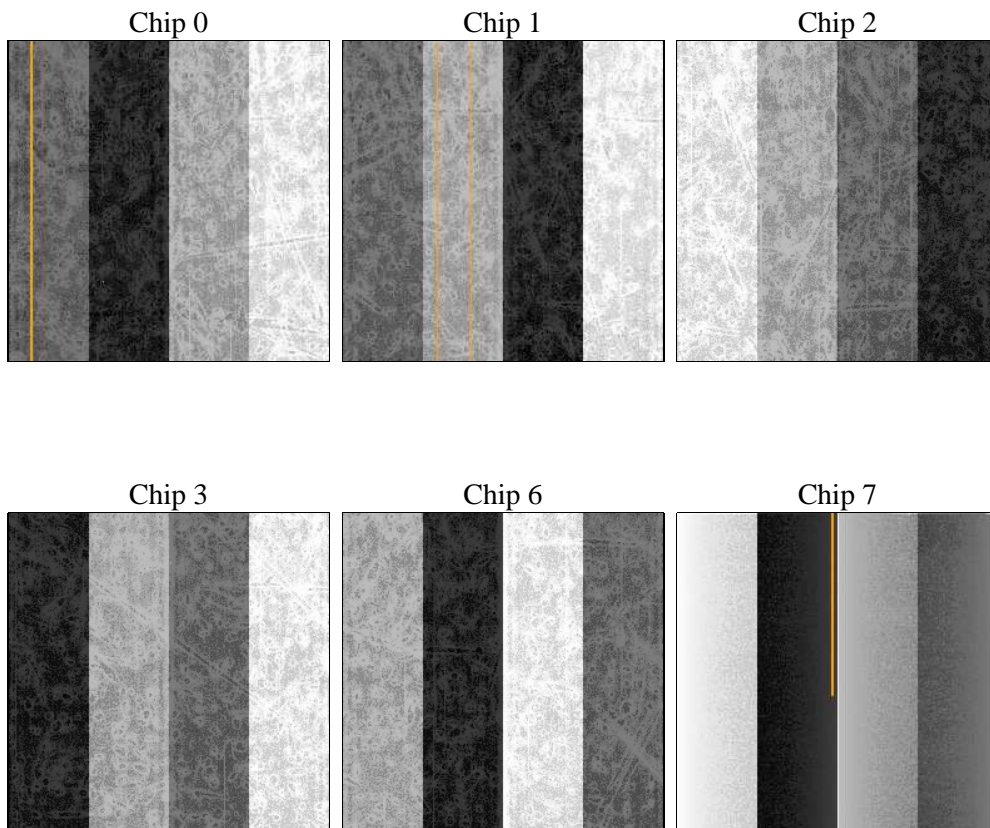
2 OBI

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	8.5.1.1	Processing system revision	ontime	15807.999941111	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	13908.83934629	Sum of GTIs [s]
date	2012-12-22T17:27:59	Date and time of file creation	ontime1	14103.248496264	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	13516.632633477	Sum of GTIs [s]
			ontime3	13753.190962225	Sum of GTIs [s]
			ontime6	14800.057329774	Sum of GTIs [s]
			ontime7	15807.999941111	Sum of GTIs [s]
			l1events	2826642	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	443133	452548	441488	452398	496520	540555	grade 0 events	189489	192136	190154	193489	208497	105122
rejected events	97838	99215	100872	104269	109873	98624		42%	42%	43%	42%	41%	19%
rejected %	22%	21%	22%	23%	22%	18%	grade 1 events	1121	973	1241	1281	1091	374
								0%	0%	0%	0%	0%	0%
							grade 2 events	60517	63238	57367	60017	66660	96912
								13%	13%	12%	13%	13%	17%
							grade 3 events	22377	22306	22368	22992	24462	43558
								5%	4%	5%	5%	4%	8%
							grade 4 events	22035	22461	22346	22987	24252	43454
								4%	4%	5%	5%	4%	8%
							grade 5 events	6069	6422	5688	6560	7185	17533
								1%	1%	1%	1%	1%	3%
							grade 6 events	50877	53192	48381	48724	62776	152885
								11%	11%	10%	10%	12%	28%
							grade 7 events	90648	91820	93943	96348	101597	80717
								20%	20%	21%	21%	20%	14%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	213.0249060857297	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-23.98261845178999	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	4.532687635691532			
[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)	230732852.831119	230732851.80613			
Observation start date	2005-04-24T12:27:33	2005-04-24T12:27:31			
[s] Observation end time (MET)	230756464.732193	230756463.7072			
Observation end date	2005-04-24T19:01:05	2005-04-24T19:01:03			
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)	2013.01.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.807999941111

A.2 Comments