

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58943 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 2 2012

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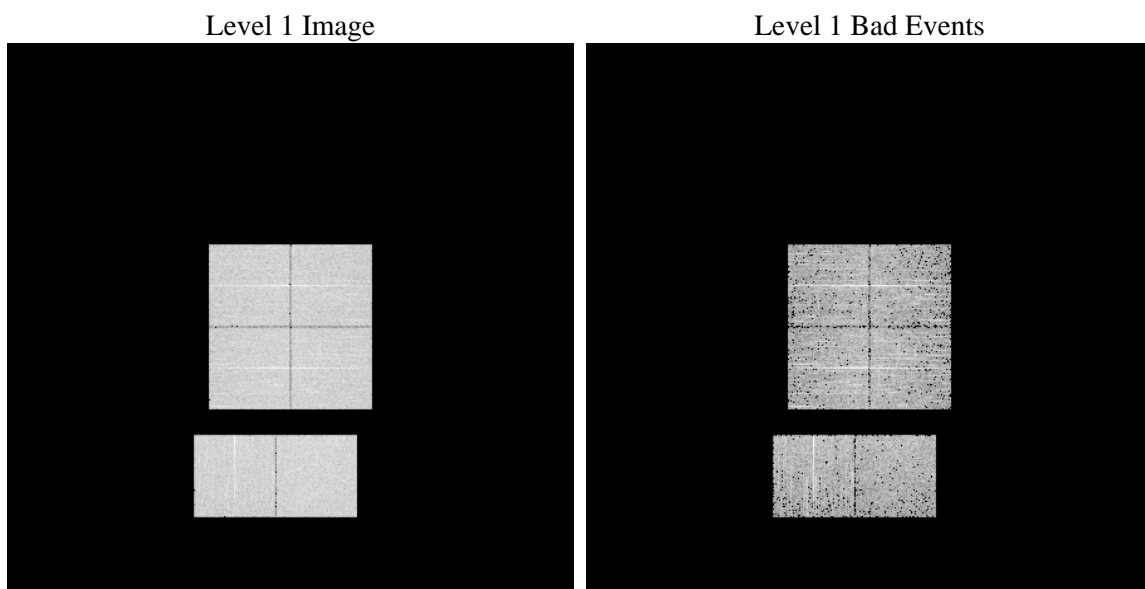
1 Front

seq_num	 	Sequence number
obs_id	58943	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	244.97952266823	Nominal RA [deg]
dec_nom	5.9799528252157	Nominal Dec [deg]
roll_nom	191.50665108884	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2764.7999897003	Sum of GTIs [s]
livetime	2729.790427468	Livetime [s]
ontime0	2764.7999897003	Sum of GTIs [s]
ontime1	2764.7751179338	Sum of GTIs [s]
ontime2	2764.7340779305	Sum of GTIs [s]
ontime3	2764.7999897003	Sum of GTIs [s]
ontime6	2764.693037957	Sum of GTIs [s]
ontime7	2764.7999897003	Sum of GTIs [s]
l2events	306501	Number of level 2 events

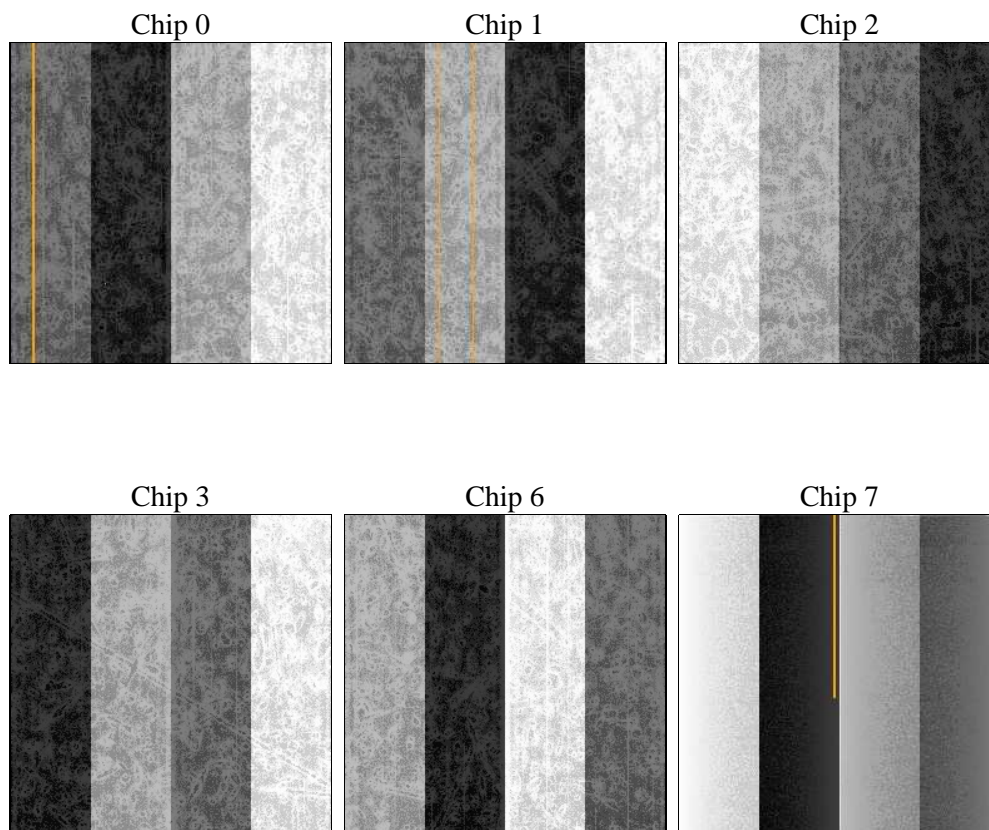
2 OBI

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	8.4.3	Processing system revision	ontime	2764.7999897003	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	2764.7999897003	Sum of GTIs [s]
date	2012-04-02T20:24:11	Date and time of file creation	ontime1	2764.7751179338	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	2764.7340779305	Sum of GTIs [s]
			ontime3	2764.7999897003	Sum of GTIs [s]
			ontime6	2764.693037957	Sum of GTIs [s]
			ontime7	2764.7999897003	Sum of GTIs [s]
			l1events	459644	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	74223	72575	76927	75952	77794	82173	grade 0 events	28017	27866	28839	28875	28959	13886
rejected events	22719	21104	25102	24035	23888	19835		37%	38%	37%	38%	37%	16%
rejected %	30%	29%	32%	31%	30%	24%	grade 1 events	190	150	200	217	168	62
								0%	0%	0%	0%	0%	0%
							grade 2 events	9035	9271	8779	8827	9550	13671
								12%	12%	11%	11%	12%	16%
							grade 3 events	3446	3380	3448	3518	3453	6204
								4%	4%	4%	4%	4%	7%
							grade 4 events	3331	3314	3377	3502	3497	6107
								4%	4%	4%	4%	4%	7%
							grade 5 events	1251	1347	1177	1377	1450	3414
								1%	1%	1%	1%	1%	4%
							grade 6 events	7739	7703	7432	7248	8516	22553
								10%	10%	9%	9%	10%	27%
							grade 7 events	21214	19544	23675	22388	22201	16276
								28%	26%	30%	29%	28%	19%

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	244.9795226682317	Alternating exposures requested	N	N
[deg] Pointing Dec	0	5.979952825215654	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	191.5066510888385			
[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)	265696244.044154	265696243.01916			
Observation start date	2006-06-03T04:30:44	2006-06-03T04:30:43			
[s] Observation end time (MET)	265703580.994497	265703579.9695			
Observation end date	2006-06-03T06:33:01	2006-06-03T06:32:59			
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)	2012.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.7647999897003

A.2 Comments