

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 62822 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 9 2012

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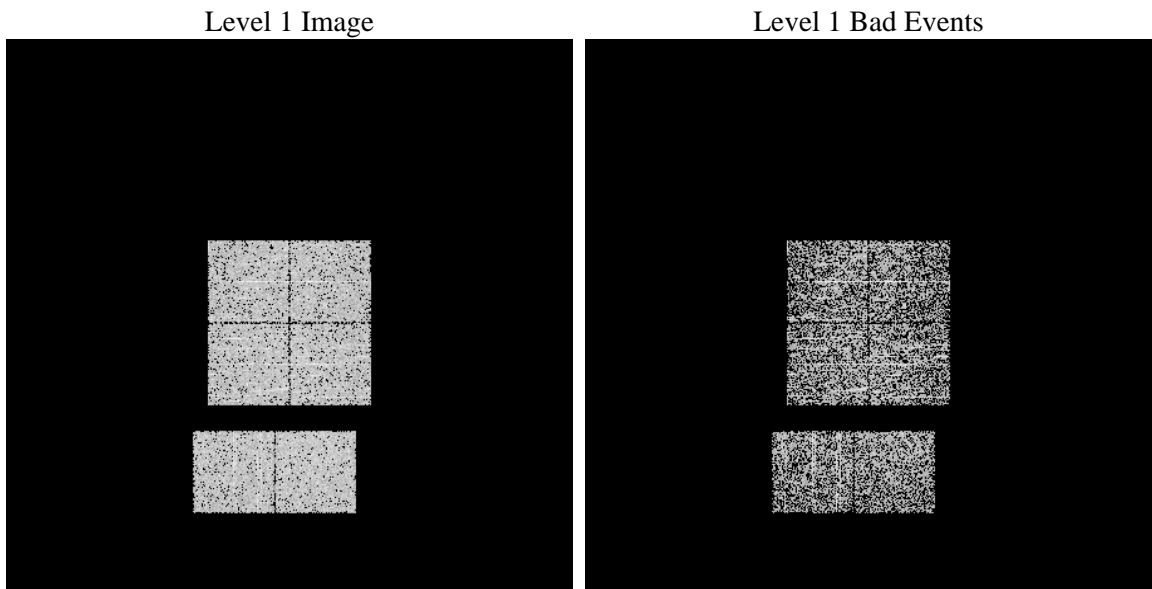
1 Front

seq_num	 	Sequence number
obs_id	62822	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	331.99060281512	Nominal RA [deg]
dec_nom	18.972799878254	Nominal Dec [deg]
roll_nom	219.20047997343	Nominal Roll [deg]
revision	2	Processing version of data
ontime	367.9999986887	Sum of GTIs [s]
livetime	363.34016112231	Livetime [s]
ontime0	367.9999986887	Sum of GTIs [s]
ontime1	367.9999986887	Sum of GTIs [s]
ontime2	367.9999986887	Sum of GTIs [s]
ontime3	367.9999986887	Sum of GTIs [s]
ontime6	367.9999986887	Sum of GTIs [s]
ontime7	367.9999986887	Sum of GTIs [s]
l2events	39751	Number of level 2 events

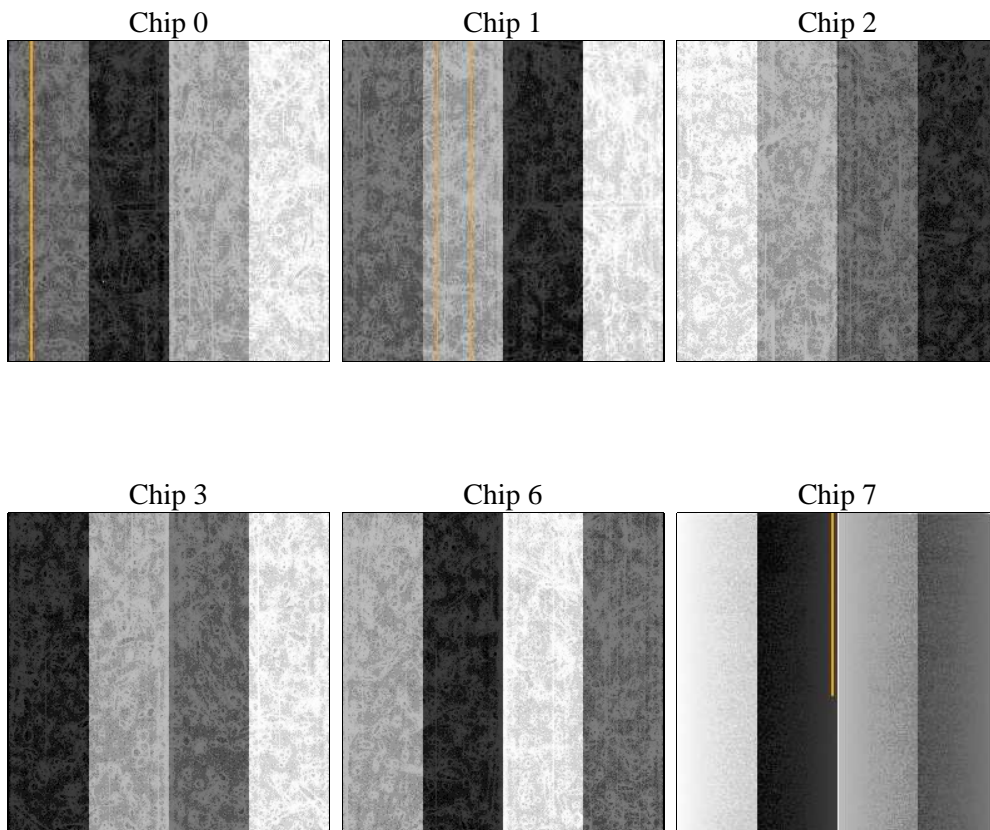
2 OBI

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	8.4.3.1	Processing system revision	ontime	367.9999986887	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	367.9999986887	Sum of GTIs [s]
date	2012-04-09T16:00:33	Date and time of file creation	ontime1	367.9999986887	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	367.9999986887	Sum of GTIs [s]
			ontime3	367.9999986887	Sum of GTIs [s]
			ontime6	367.9999986887	Sum of GTIs [s]
			ontime7	367.9999986887	Sum of GTIs [s]
			l1events	74070	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	11960	11663	12578	12425	12458	12986
rejected events	5316	4853	5840	5730	5467	5013
rejected %	44%	41%	46%	46%	43%	38%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	4475	4527	4654	4572	4690	2089
	37%	38%	37%	36%	37%	16%
grade 1 events	42	17	38	27	29	8
	0%	0%	0%	0%	0%	0%
grade 2 events	1451	1491	1378	1395	1445	2192
	12%	12%	10%	11%	11%	16%
grade 3 events	520	536	527	556	528	944
	4%	4%	4%	4%	4%	7%
grade 4 events	538	551	518	587	518	942
	4%	4%	4%	4%	4%	7%
grade 5 events	212	207	178	234	236	559
	1%	1%	1%	1%	1%	4%
grade 6 events	1283	1219	1223	1194	1488	3626
	10%	10%	9%	9%	11%	27%
grade 7 events	3439	3115	4062	3860	3524	2626
	28%	26%	32%	31%	28%	20%

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	331.9906028151217
[deg] Pointing Dec	0	18.97279987825433
[deg] Pointing Roll	0.0	219.2004799734307
[mm] SIM focus pos	-0.782348	-1.526339935833849
[mm] SIM defocus	0	0.006996703570447904
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	274430576.95356	274430575.92858
Observation start date	2006-09-12T06:42:57	2006-09-12T06:42:55
[s] Observation end time (MET)	274432768.403663	274432767.37868
Observation end date	2006-09-12T07:19:28	2006-09-12T07:19:27
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.3679999986887

A.2 Comments