

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55016 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 27 2012

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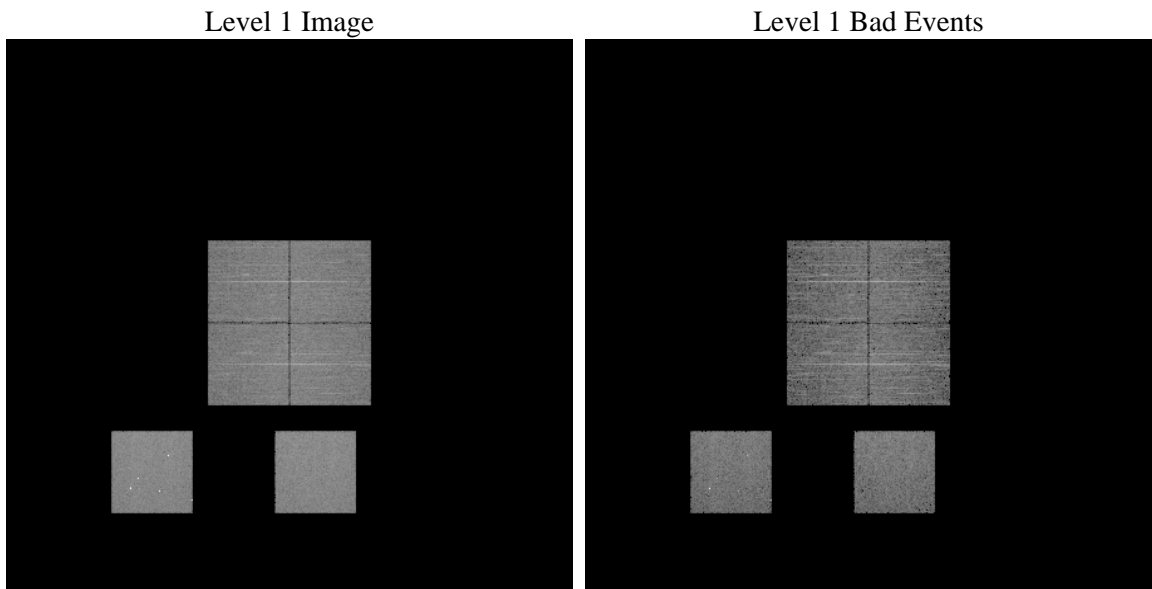
1 Front

seq_num	 	Sequence number
obs_id	55016	Observation id
title	ACIS-012357 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	81.999768277142	Nominal RA [deg]
dec_nom	22.949917033744	Nominal Dec [deg]
roll_nom	219.06182917522	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5257.5999804735	Sum of GTIs [s]
livetime	5191.0250837741	Livetime [s]
ontime0	5257.5999804735	Sum of GTIs [s]
ontime1	5257.5999804735	Sum of GTIs [s]
ontime2	5257.5999804735	Sum of GTIs [s]
ontime3	5257.5999804735	Sum of GTIs [s]
ontime5	5257.5999804735	Sum of GTIs [s]
ontime7	5257.5999804735	Sum of GTIs [s]
l2events	231848	Number of level 2 events

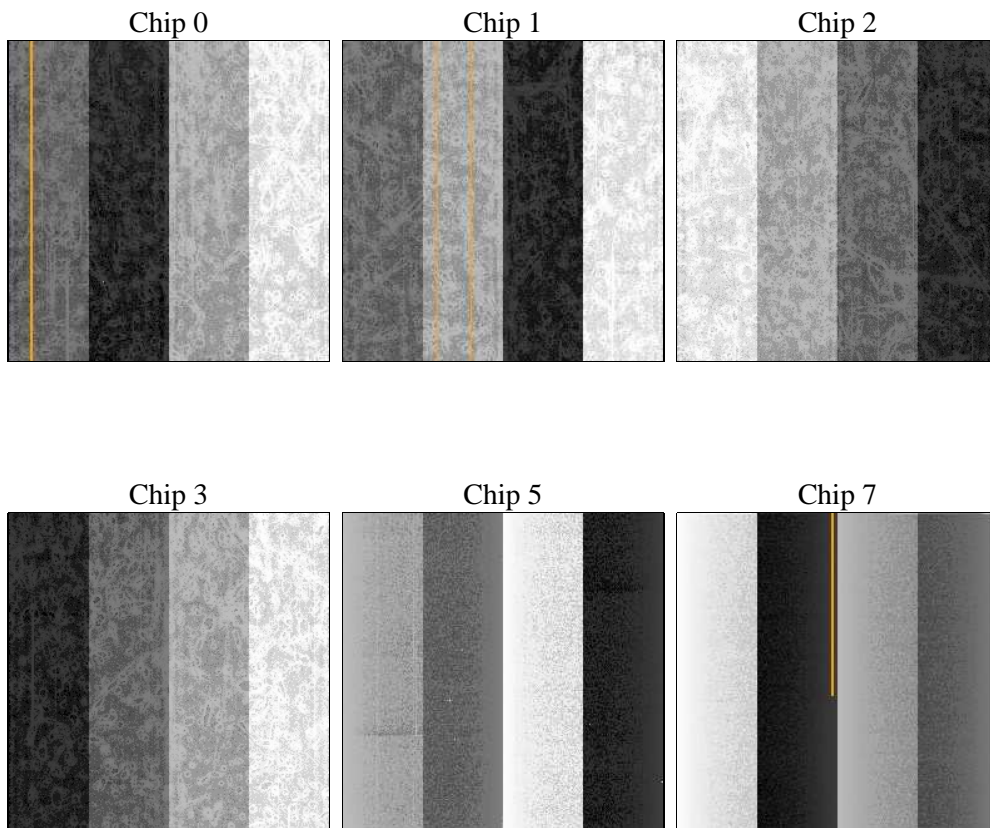
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	5257.5999804735	Sum of GTIs [s]
caldbver	4.4.8	 	ontime0	5257.5999804735	Sum of GTIs [s]
date	2012-02-28T01:38:18	Date and time of file creation	ontime1	5257.5999804735	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5257.5999804735	Sum of GTIs [s]
			ontime3	5257.5999804735	Sum of GTIs [s]
			ontime5	5257.5999804735	Sum of GTIs [s]
			ontime7	5257.5999804735	Sum of GTIs [s]
			l1events	499224	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	72780	74438	73051	76635	104792	97528	grade 0 events	19200	18030	19749	20044	10955	10137
rejected events	38350	40015	39023	41881	46365	44485		26%	24%	27%	26%	10%	10%
rejected %	52%	53%	53%	54%	44%	45%	grade 1 events	108	88	146	129	222	90
								0%	0%	0%	0%	0%	0%
							grade 2 events	7008	7920	6330	6520	22203	12775
								9%	10%	8%	8%	21%	13%
							grade 3 events	2378	2343	2496	2467	2042	4787
								3%	3%	3%	3%	1%	4%
							grade 4 events	2343	2321	2486	2524	1920	4610
								3%	3%	3%	3%	1%	4%
							grade 5 events	2293	2282	2152	2479	4894	6255
								3%	3%	2%	3%	4%	6%
							grade 6 events	6477	6801	5907	6173	25280	24415
								8%	9%	8%	8%	24%	25%
							grade 7 events	32973	34653	33785	36299	37276	34459
								45%	46%	46%	47%	35%	35%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	81.99976827714229
[deg] Pointing Dec	0	22.94991703374419
[deg] Pointing Roll	0.0	219.061829175222
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	439343944.943136	439343944.943136
Observation start date	2011-12-03T23:59:05	2011-12-03T23:59:04
[s] Observation end time (MET)	439349983.672565	439349983.672565
Observation end date	2011-12-04T01:39:44	2011-12-04T01:39:43
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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)	2012.02.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.2575999804735

A.2 Comments