

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58433 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 23 2012

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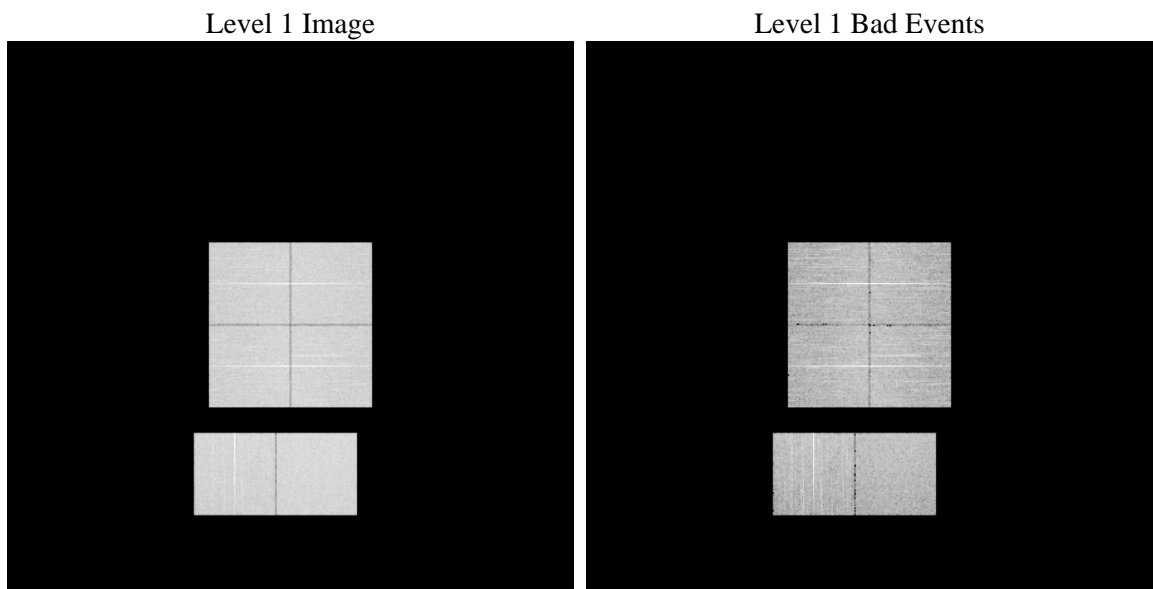
1 Front

seq_num	 	Sequence number
obs_id	58433	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	198.03394641251	Nominal RA [deg]
dec_nom	-37.690135964971	Nominal Dec [deg]
roll_nom	347.26188578306	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7502.9126592875	Sum of GTIs [s]
livetime	7407.9062614839	Livetime [s]
ontime0	7502.8716192842	Sum of GTIs [s]
ontime1	7502.8305792809	Sum of GTIs [s]
ontime2	7502.7895392776	Sum of GTIs [s]
ontime3	7502.9536992908	Sum of GTIs [s]
ontime6	7502.7484992743	Sum of GTIs [s]
ontime7	7502.9126592875	Sum of GTIs [s]
l2events	686217	Number of level 2 events

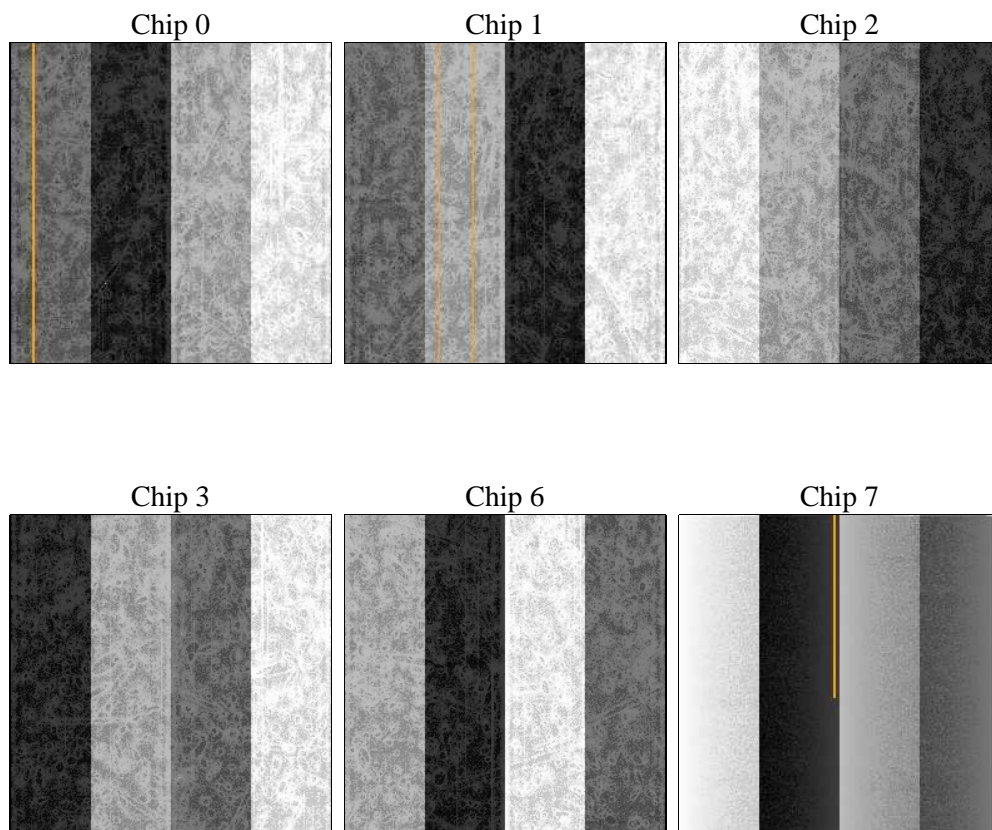
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6420	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7502.9126592875	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7502.8716192842	Sum of GTIs [s]
date	2012-04-23T10:42:27	Date and time of file creation	ontime1	7502.8305792809	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7502.7895392776	Sum of GTIs [s]
			ontime3	7502.9536992908	Sum of GTIs [s]
			ontime6	7502.7484992743	Sum of GTIs [s]
			ontime7	7502.9126592875	Sum of GTIs [s]
			l1events	1151452	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	182169	183862	187784	191333	194246	212058	grade 0 events	64038	63932	65826	66689	66347	32618
rejected events	68823	69580	73474	75207	75123	65927		35%	34%	35%	34%	34%	15%
rejected %	37%	37%	39%	39%	38%	31%	grade 1 events	453	359	477	511	409	176
								0%	0%	0%	0%	0%	0%
							grade 2 events	20713	21549	20174	20976	21682	33259
								11%	11%	10%	10%	11%	15%
							grade 3 events	7734	7715	7784	8188	7861	14638
								4%	4%	4%	4%	4%	6%
							grade 4 events	7609	7514	7960	7971	7874	14452
								4%	4%	4%	4%	4%	6%
							grade 5 events	3629	3849	3440	4165	4111	10252
								1%	2%	1%	2%	2%	4%
							grade 6 events	17728	18062	16974	16854	20117	56923
								9%	9%	9%	8%	10%	26%
							grade 7 events	60265	60882	65149	65979	65845	49740
								33%	33%	34%	34%	33%	23%

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	198.0337939331711	198.0339464125133
[deg] Pointing Dec	-37.69016551206534	-37.69013596497127
[deg] Pointing Roll	347.2617925515853	347.2618857830645
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	293108478.388029	293108478.388029
Observation start date	2007-04-16T11:22:00	2007-04-16T11:01:18
[s] Observation end time (MET)	293117997.329453	293117997.329453
Observation end date	2007-04-16T13:09:00	2007-04-16T13:39:57
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.04.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.5029126592875

A.2 Comments