

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 62682 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 28 2012

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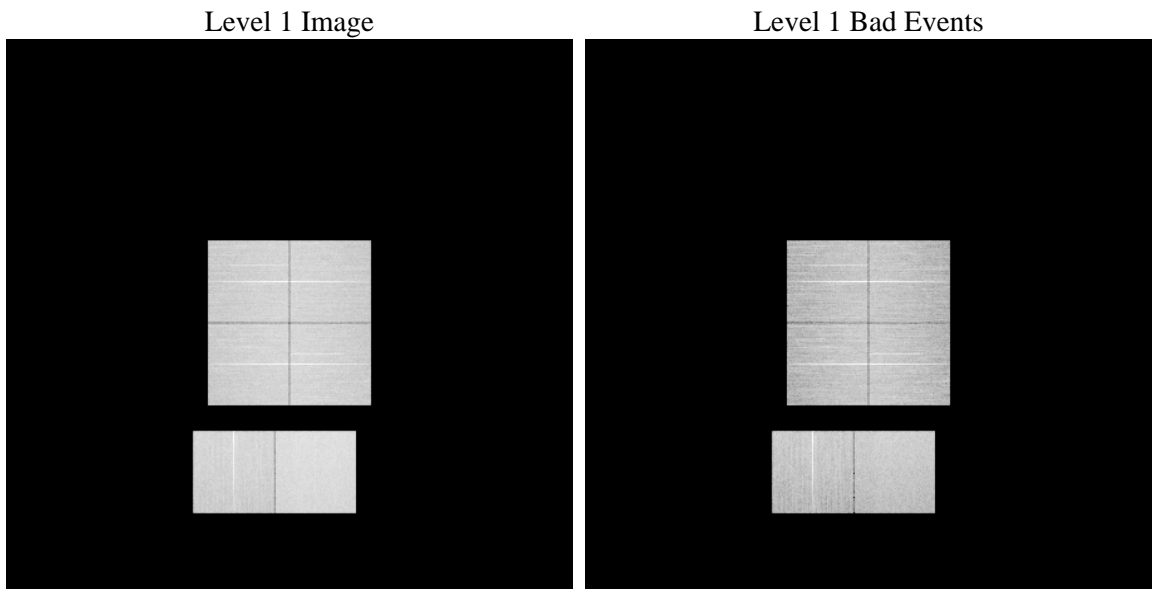
1 Front

seq_num	 	Sequence number
obs_id	62682	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	308.06267394466	Nominal RA [deg]
dec_nom	37.642097582922	Nominal Dec [deg]
roll_nom	39.596982831129	Nominal Roll [deg]
revision	1	Processing version of data
ontime	24895.560247302	Sum of GTIs [s]
livetime	24580.317673144	Livetime [s]
ontime0	24895.519207299	Sum of GTIs [s]
ontime1	24895.478167295	Sum of GTIs [s]
ontime2	24895.437127292	Sum of GTIs [s]
ontime3	24895.601287305	Sum of GTIs [s]
ontime6	24895.396087289	Sum of GTIs [s]
ontime7	24895.560247302	Sum of GTIs [s]
l2events	796805	Number of level 2 events

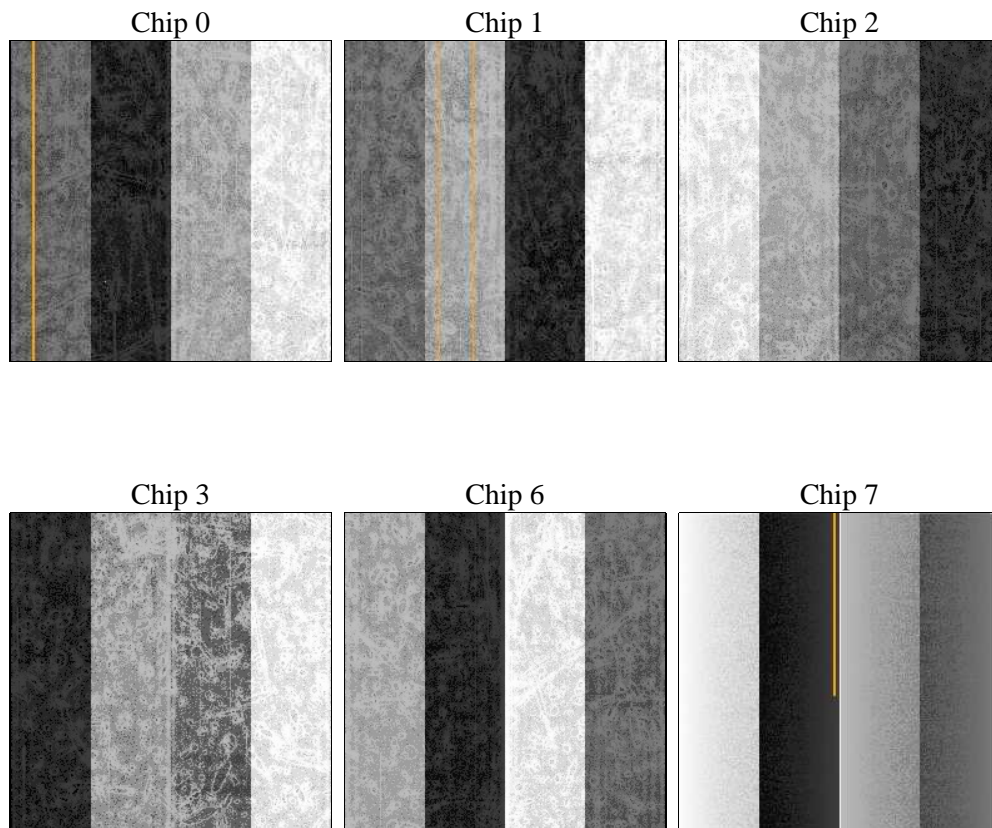
2 OBI

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	24895.560247302	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	24895.519207299	Sum of GTIs [s]
date	2012-02-28T22:13:38	Date and time of file creation	ontime1	24895.478167295	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	24895.437127292	Sum of GTIs [s]
			ontime3	24895.601287305	Sum of GTIs [s]
			ontime6	24895.396087289	Sum of GTIs [s]
			ontime7	24895.560247302	Sum of GTIs [s]
			l1events	1739816	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	266007	265324	272134	281165	284256	370930	grade 0 events	65937	64565	67918	67922	67314	34054
rejected events	140444	138718	145938	154681	153422	163351		24%	24%	24%	24%	23%	9%
rejected %	52%	52%	53%	55%	53%	44%	grade 1 events	389	336	416	411	356	288
								0%	0%	0%	0%	0%	0%
							grade 2 events	23522	24898	22373	22458	24238	45101
								8%	9%	8%	7%	8%	12%
							grade 3 events	8601	8438	8720	8645	8632	18446
								3%	3%	3%	3%	3%	4%
							grade 4 events	8439	8459	8762	8788	8551	18489
								3%	3%	3%	3%	3%	4%
							grade 5 events	9600	9724	9196	10301	10108	25260
								3%	3%	3%	3%	3%	6%
							grade 6 events	19344	20540	18730	18941	22406	91942
								7%	7%	6%	6%	7%	24%
							grade 7 events	130175	128364	136019	143699	142651	137350
								48%	48%	49%	51%	50%	37%

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	308.0626739446606
[deg] Pointing Dec	0	37.64209758292225
[deg] Pointing Roll	0.0	39.59698283112876
[mm] SIM focus pos	-1.429586	-0.6828225247311905
[mm] SIM defocus	0.1037507710433287	0.8505141146731063
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	446761544.38524	446761543.36024
Observation start date	2012-02-27T20:25:44	2012-02-27T20:25:43
[s] Observation end time (MET)	446788268.186655	446788267.16165
Observation end date	2012-02-28T03:51:08	2012-02-28T03:51:07
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.895560247302

A.2 Comments