

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 54612 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 16 2012

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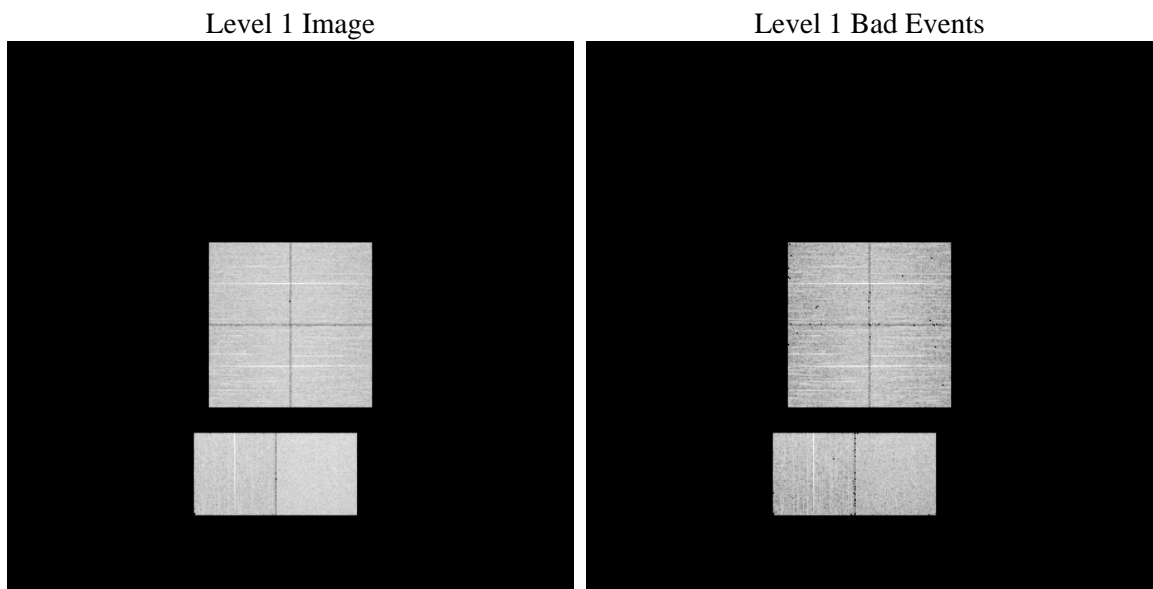
1 Front

seq_num	 	Sequence number
obs_id	54612	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	216.24706581322	Nominal RA [deg]
dec_nom	-10.548061398236	Nominal Dec [deg]
roll_nom	239.48792002434	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8261.8283621669	Sum of GTIs [s]
livetime	8157.2121167693	Livetime [s]
ontime0	8148.3509221673	Sum of GTIs [s]
ontime1	8151.5509221554	Sum of GTIs [s]
ontime2	8157.9919621348	Sum of GTIs [s]
ontime3	8151.6740421653	Sum of GTIs [s]
ontime6	8157.9509221315	Sum of GTIs [s]
ontime7	8261.8283621669	Sum of GTIs [s]
l2events	255099	Number of level 2 events

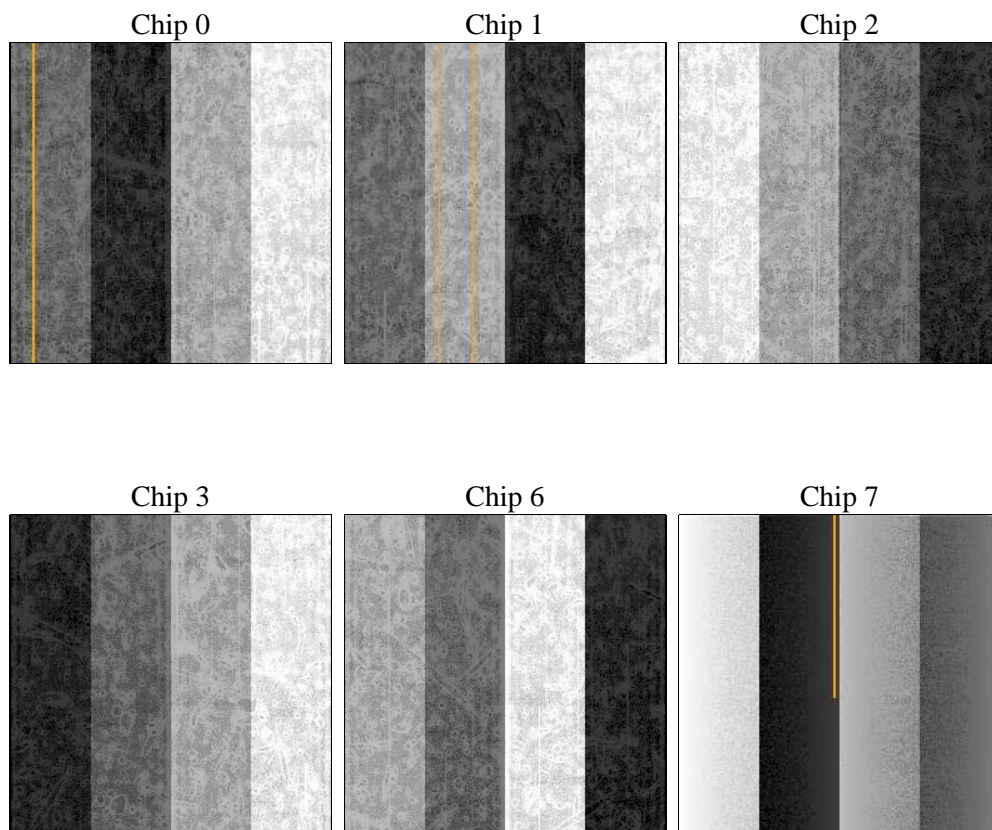
2 OBI

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	8.4.4	Processing system revision	ontime	8261.8283621669	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	8148.3509221673	Sum of GTIs [s]
date	2012-05-17T02:57:15	Date and time of file creation	ontime1	8151.5509221554	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8157.9919621348	Sum of GTIs [s]
			ontime3	8151.6740421653	Sum of GTIs [s]
			ontime6	8157.9509221315	Sum of GTIs [s]
			ontime7	8261.8283621669	Sum of GTIs [s]
			l1events	582057	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	88721	88854	92552	94476	93024	124430	grade 0 events	21037	20249	21312	21742	21114	10835
rejected events	48619	48515	52541	54005	51360	56665		23%	22%	23%	23%	22%	8%
rejected %	54%	54%	56%	57%	55%	45%	grade 1 events	129	123	129	143	100	99
								0%	0%	0%	0%	0%	0%
							grade 2 events	7578	8090	7228	7068	7990	14692
								8%	9%	7%	7%	8%	11%
							grade 3 events	2782	2708	2835	2818	2787	5866
								3%	3%	3%	2%	2%	4%
							grade 4 events	2671	2721	2760	2755	2624	5768
								3%	3%	2%	2%	2%	4%
							grade 5 events	3289	3264	3035	3563	3370	8416
								3%	3%	3%	3%	3%	6%
							grade 6 events	6174	6703	6038	6225	7304	30827
								6%	7%	6%	6%	7%	24%
							grade 7 events	45061	44996	49215	50162	47735	47927
								50%	50%	53%	53%	51%	38%

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	216.2470658132228
[deg] Pointing Dec	0	-10.54806139823624
[deg] Pointing Roll	0.0	239.4879200243396
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)	453540685.644853	453540685.644853
Observation start date	2012-05-16T07:31:26	2012-05-16T07:31:25
[s] Observation end time (MET)	453550504.760255	453550504.760255
Observation end date	2012-05-16T10:15:05	2012-05-16T10:15:04
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2618283621669

A.2 Comments