

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 51884 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 18 2015

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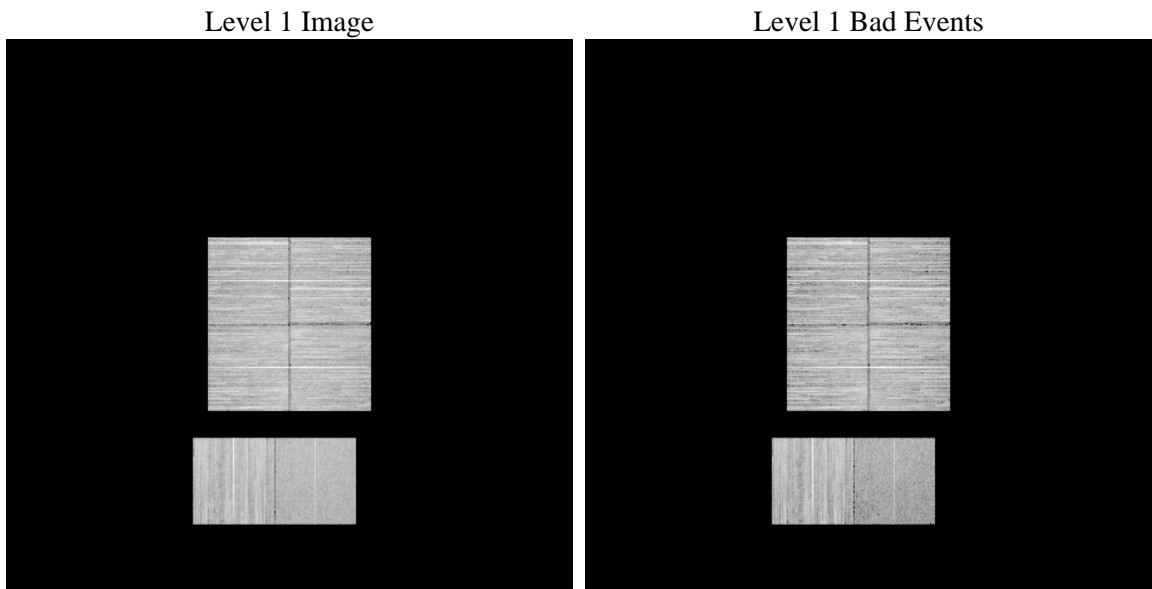
1 Front

seq_num	 	Sequence number
obs_id	51884	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	113.86190377373	Nominal RA [deg]
dec_nom	6.1689395521423	Nominal Dec [deg]
roll_nom	249.96447769219	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8015.5534243584	Sum of GTIs [s]
livetime	7914.0556605123	Livetime [s]
ontime0	8015.5123842955	Sum of GTIs [s]
ontime1	8015.4713443518	Sum of GTIs [s]
ontime2	8015.4303042889	Sum of GTIs [s]
ontime3	8015.5944643021	Sum of GTIs [s]
ontime6	8015.3892643452	Sum of GTIs [s]
ontime7	8015.5534243584	Sum of GTIs [s]
l2events	144253	Number of level 2 events

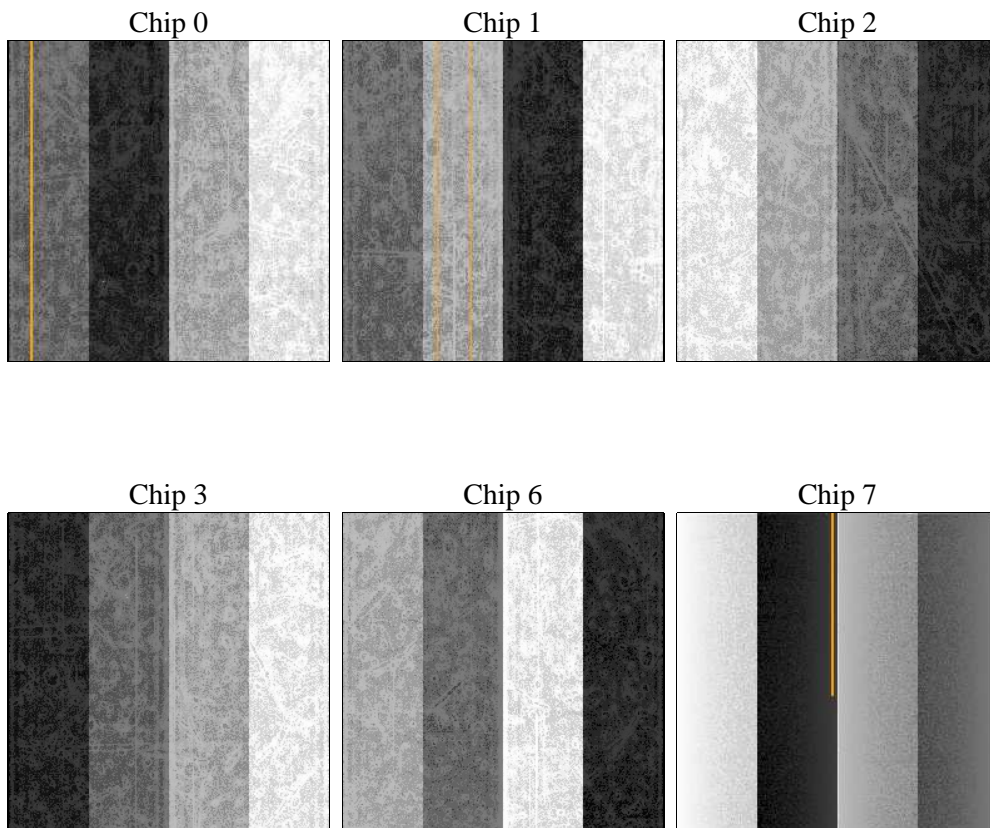
2 OBI

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	10.3.3	Processing system revision	ontime	8015.5534243584	Sum of GTIs [s]
caldsver	4.6.7	 	ontime0	8015.5123842955	Sum of GTIs [s]
date	2015-05-19T02:42:06	Date and time of file creation	ontime1	8015.4713443518	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8015.4303042889	Sum of GTIs [s]
			ontime3	8015.5944643021	Sum of GTIs [s]
			ontime6	8015.3892643452	Sum of GTIs [s]
			ontime7	8015.5534243584	Sum of GTIs [s]
			l1events	812414	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	138465	139438	142615	140163	140060	111673	grade 0 events	10695	10325	11212	11188	10854	5782
rejected events	117232	118164	121400	118766	117808	65593		7%	7%	7%	7%	7%	5%
rejected %	84%	84%	85%	84%	84%	58%	grade 1 events	50	47	65	57	48	84
								0%	0%	0%	0%	0%	0%
							grade 2 events	4618	4840	4391	4456	4902	11686
								3%	3%	3%	3%	3%	10%
							grade 3 events	1520	1527	1439	1518	1540	3774
								1%	1%	1%	1%	1%	3%
							grade 4 events	1508	1508	1504	1571	1521	3732
								1%	1%	1%	1%	1%	3%
							grade 5 events	2651	2763	2554	3058	2865	7110
								1%	1%	1%	2%	2%	6%
							grade 6 events	3582	3761	3353	3341	4151	22520
								2%	2%	2%	2%	2%	20%
							grade 7 events	113841	114667	118097	114974	114179	56985
								82%	82%	82%	82%	81%	51%

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	113.8619037737282
[deg] Pointing Dec	0	6.168939552142275
[deg] Pointing Roll	0.0	249.9644776921852
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)	548333474.953797	548333474.953797
Observation start date	2015-05-18T10:51:15	2015-05-18T10:51:14
[s] Observation end time (MET)	548343559.217203	548343559.217203
Observation end date	2015-05-18T13:39:19	2015-05-18T13:39:19
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)	2015.05.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0155534243584

A.2 Comments