

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 51934 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 25 2015

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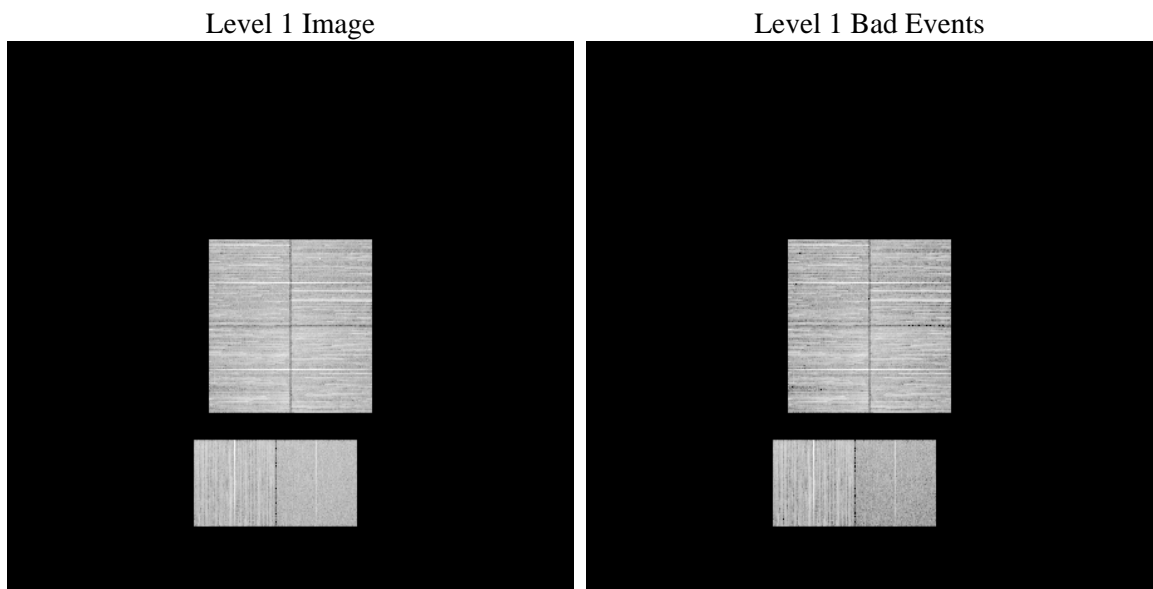
1 Front

seq_num	 	Sequence number
obs_id	51934	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	202.98340031873	Nominal RA [deg]
dec_nom	3.5763717447562	Nominal Dec [deg]
roll_nom	202.06837153668	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8169.6001217365	Sum of GTIs [s]
livetime	8066.1517258525	Livetime [s]
ontime0	8169.6001217365	Sum of GTIs [s]
ontime1	8169.6001217365	Sum of GTIs [s]
ontime2	8169.6001217365	Sum of GTIs [s]
ontime3	8169.6001217365	Sum of GTIs [s]
ontime6	8169.6001217365	Sum of GTIs [s]
ontime7	8169.6001217365	Sum of GTIs [s]
l2events	146403	Number of level 2 events

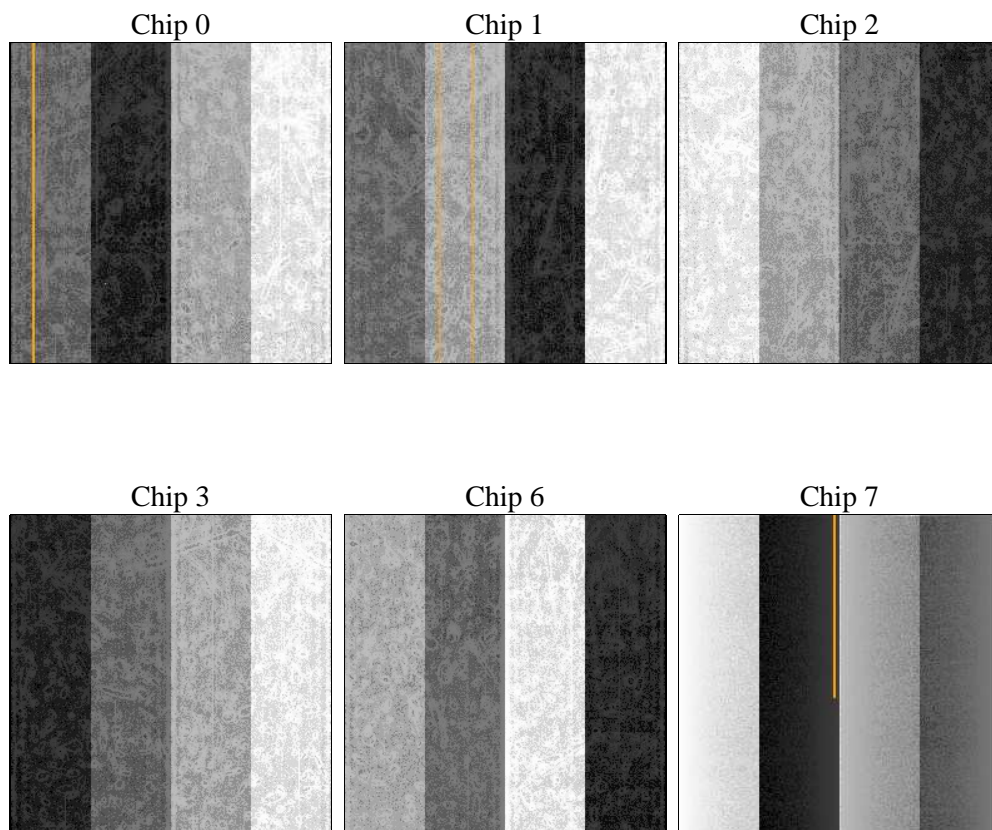
2 OBI

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	8169.6001217365	Sum of GTIs [s]
caldsver	4.6.7	 	ontime0	8169.6001217365	Sum of GTIs [s]
date	2015-04-25T09:33:14	Date and time of file creation	ontime1	8169.6001217365	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8169.6001217365	Sum of GTIs [s]
			ontime3	8169.6001217365	Sum of GTIs [s]
			ontime6	8169.6001217365	Sum of GTIs [s]
			ontime7	8169.6001217365	Sum of GTIs [s]
			l1events	774191	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	126313	123859	142828	142793	129412	108986	grade 0 events	10934	10772	11229	11072	10813	5916
rejected events	104432	101823	121125	121102	106998	63090		8%	8%	7%	7%	8%	5%
rejected %	82%	82%	84%	84%	82%	57%	grade 1 events	67	69	68	65	53	86
								0%	0%	0%	0%	0%	0%
							grade 2 events	4496	4788	4340	4277	4650	11405
								3%	3%	3%	2%	3%	10%
							grade 3 events	1590	1479	1544	1581	1558	3739
								1%	1%	1%	1%	1%	3%
							grade 4 events	1533	1509	1539	1565	1544	3767
								1%	1%	1%	1%	1%	3%
							grade 5 events	2677	2760	2489	2912	2757	6972
								2%	2%	1%	2%	2%	6%
							grade 6 events	3644	3816	3377	3498	4161	21729
								2%	3%	2%	2%	3%	19%
							grade 7 events	101372	98666	118242	117823	103876	55372
								80%	79%	82%	82%	80%	50%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	OVERRIDE	OVERRIDE
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	202.9834003187272	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	3.576371744756184	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	202.0683715366757	[s] Primary exposure time	3.2	3.2
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)	546278874.638598	546278874.638598			
Observation start date	2015-04-24T16:07:55	2015-04-24T16:07:54			
[s] Observation end time (MET)	546288423.057583	546288423.057583			
Observation end date	2015-04-24T18:47:03	2015-04-24T18:47:03			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.04.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1696001217365

A.2 Comments