

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 51282 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 4 2016

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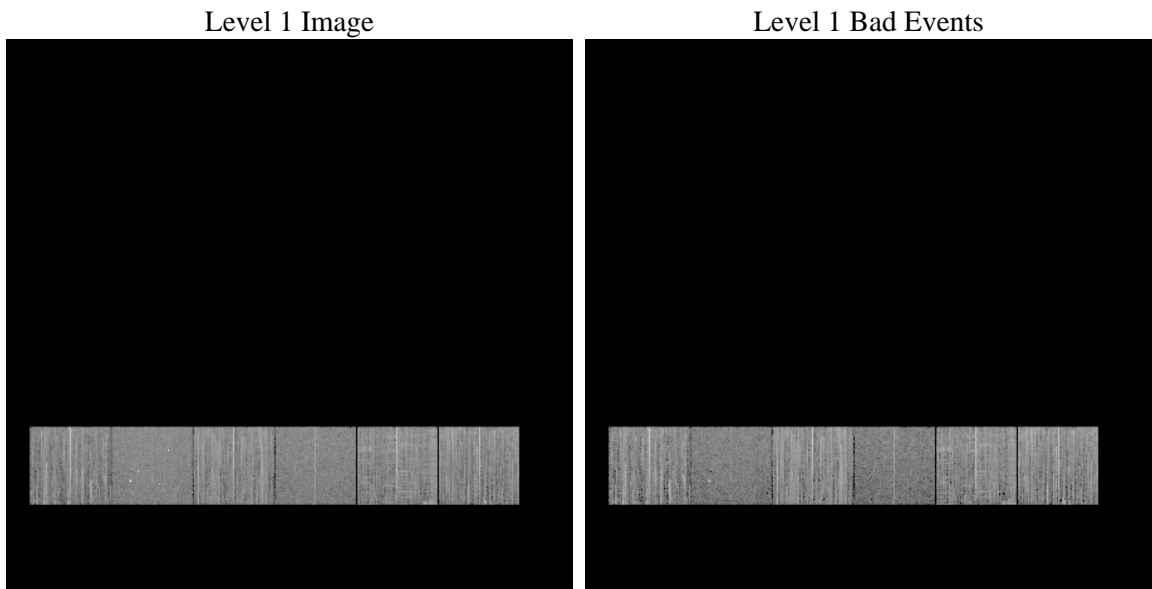
1 Front

seq_num	 	Sequence number
obs_id	51282	Observation id
title	ACIS-456789 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	146.34964905623	Nominal RA [deg]
dec_nom	39.326832680459	Nominal Dec [deg]
roll_nom	158.12341204752	Nominal Roll [deg]
revision	1	Processing version of data
ontime	4595.2000684738	Sum of GTIs [s]
livetime	4537.0128783095	Livetime [s]
ontime4	4595.2000684738	Sum of GTIs [s]
ontime5	4595.2000684738	Sum of GTIs [s]
ontime6	4595.2000684738	Sum of GTIs [s]
ontime7	4595.2000684738	Sum of GTIs [s]
ontime8	4595.2000684738	Sum of GTIs [s]
ontime9	4595.2000684738	Sum of GTIs [s]
l2events	104520	Number of level 2 events

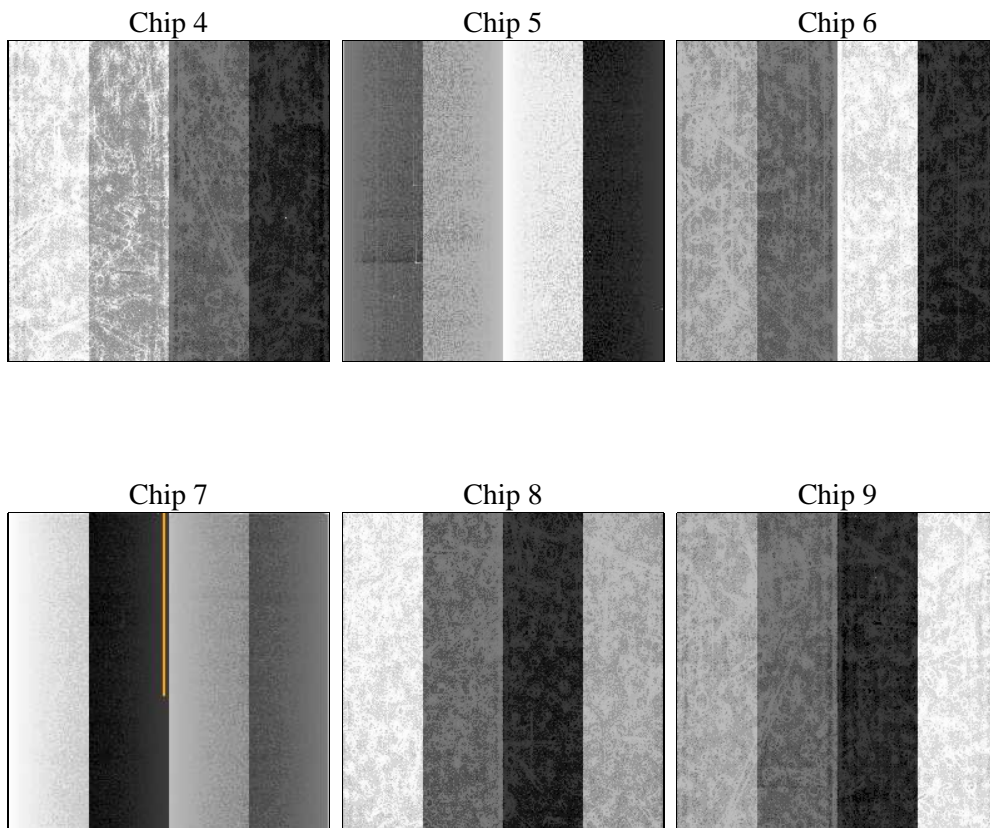
2 OBI

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	10.4.3.1	Processing system revision	ontime	4595.2000684738	Sum of GTIs [s]
caldbver	4.7.0	 	ontime4	4595.2000684738	Sum of GTIs [s]
date	2016-02-04T16:47:36	Date and time of file creation	ontime5	4595.2000684738	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	4595.2000684738	Sum of GTIs [s]
			ontime7	4595.2000684738	Sum of GTIs [s]
			ontime8	4595.2000684738	Sum of GTIs [s]
			ontime9	4595.2000684738	Sum of GTIs [s]
			l1events	550711	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	89993	85915	100990	74929	99599	99285	grade 0 events	6024	4925	5802	3416	7629	5735
rejected events	78333	50287	88872	45422	80971	87450		6%	5%	5%	4%	7%	5%
rejected %	87%	58%	88%	60%	81%	88%	grade 1 events	55	319	34	56	60	54
								0%	0%	0%	0%	0%	0%
							grade 2 events	2519	12367	2712	7689	4298	2553
								2%	14%	2%	10%	4%	2%
							grade 3 events	891	1252	895	2302	1550	859
								0%	1%	0%	3%	1%	0%
							grade 4 events	885	1097	804	2340	1611	873
								0%	1%	0%	3%	1%	0%
							grade 5 events	2106	4778	2133	5058	2786	2386
								2%	5%	2%	6%	2%	2%
							grade 6 events	1715	16996	2250	14596	4130	2197
								1%	19%	2%	19%	4%	2%
							grade 7 events	75798	44181	86360	39472	77535	84628
								84%	51%	85%	52%	77%	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	146.3496490562339	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	39.32683268045855	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	158.1234120475188	[s] Primary exposure time	3.2	3.2
SIM focus pos (mm)	-0.68282252473119	-0.68282252473119			
[mm] SIM defocus	0.8505140384245534	0.8505140384245534			
SIM translation stage pos (mm)	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	570958340.970727	570958340.970727			
Observation start date	2016-02-04T07:32:21	2016-02-04T07:32:20			
[s] Observation end time (MET)	570964347.201349	570964347.201349			
Observation end date	2016-02-04T09:12:27	2016-02-04T09:12:27			
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)	2016.02.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.5952000684738

A.2 Comments