

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 51291 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 30 2016

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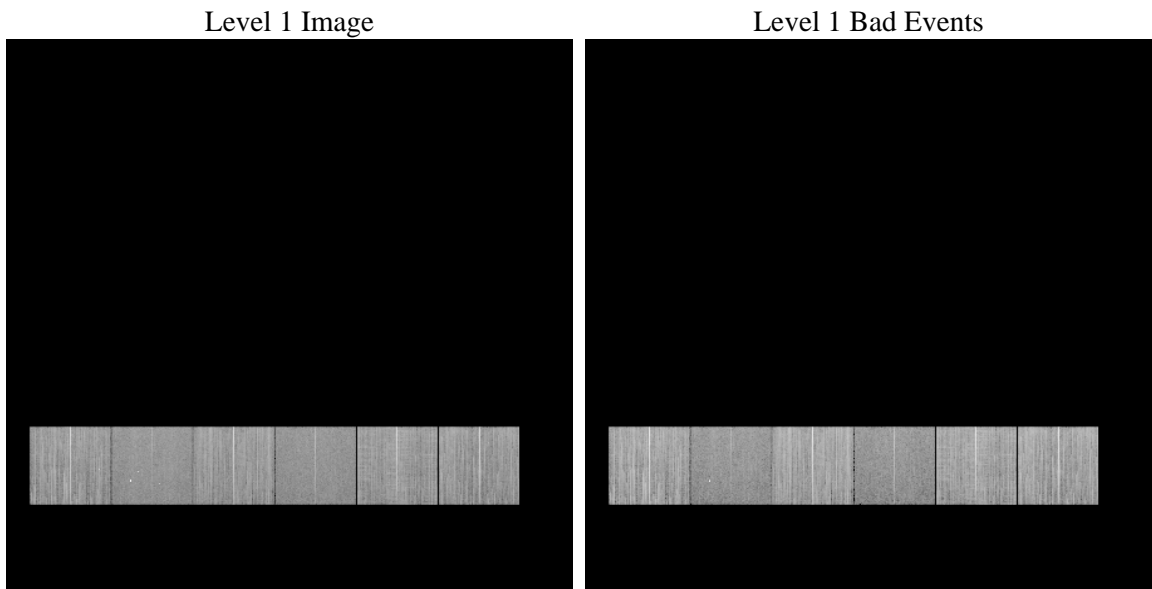
1 Front

seq_num	 	Sequence number
obs_id	51291	Observation id
title	ACIS-456789 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	94.179385862884	Nominal RA [deg]
dec_nom	12.616904811897	Nominal Dec [deg]
roll_nom	273.77629522575	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8226.2640069723	Sum of GTIs [s]
livetime	8122.0980988545	Livetime [s]
ontime4	8226.1408869028	Sum of GTIs [s]
ontime5	8226.2229669094	Sum of GTIs [s]
ontime6	8226.1819269657	Sum of GTIs [s]
ontime7	8226.2640069723	Sum of GTIs [s]
ontime8	8226.0998469591	Sum of GTIs [s]
ontime9	8226.305046916	Sum of GTIs [s]
l2events	182569	Number of level 2 events

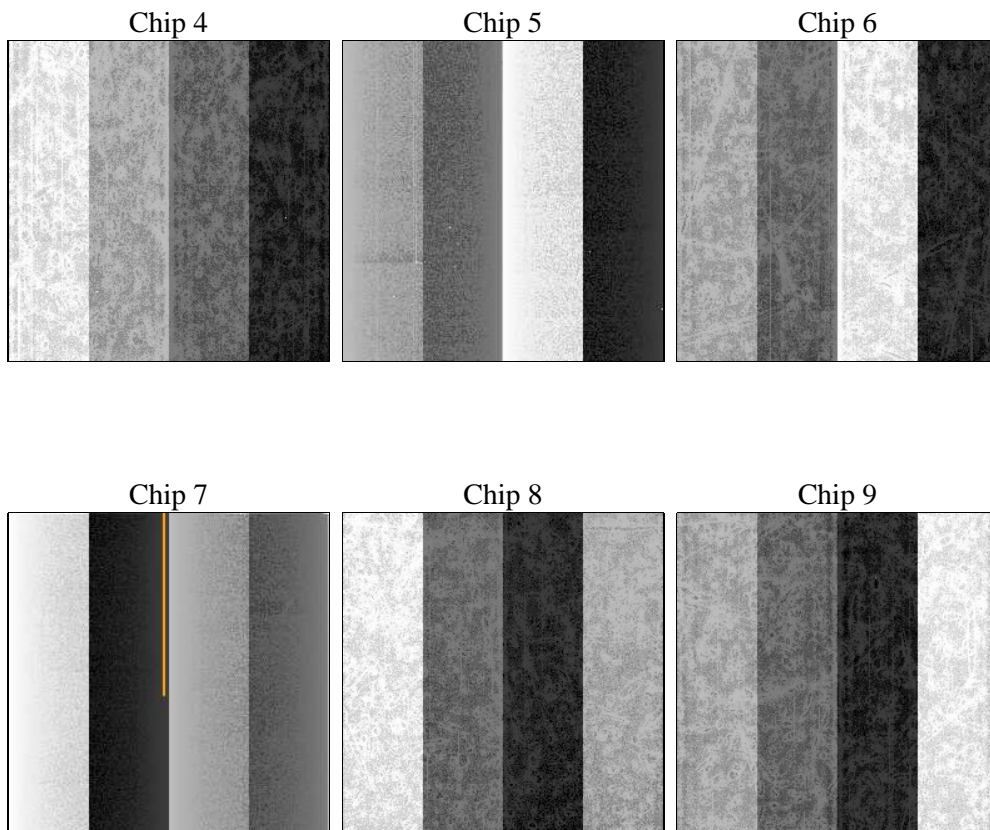
2 OBI

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	8226.2640069723	Sum of GTIs [s]
caldbver	4.7.0	 	ontime4	8226.1408869028	Sum of GTIs [s]
date	2016-01-31T03:24:37	Date and time of file creation	ontime5	8226.2229669094	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8226.1819269657	Sum of GTIs [s]
			ontime7	8226.2640069723	Sum of GTIs [s]
			ontime8	8226.0998469591	Sum of GTIs [s]
			ontime9	8226.305046916	Sum of GTIs [s]
			l1events	1048248	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	189357	150877	190088	139402	193600	184924	grade 0 events	11048	4457	8671	5230	12808	9389
rejected events	167901	92405	168872	88313	160512	164050		5%	2%	4%	3%	6%	5%
rejected %	88%	61%	88%	63%	82%	88%	grade 1 events	127	242	55	114	92	75
								0%	0%	0%	0%	0%	0%
							grade 2 events	4492	21272	6015	13111	7933	4852
								2%	14%	3%	9%	4%	2%
							grade 3 events	1679	1642	1269	3464	2883	1576
								0%	1%	0%	2%	1%	0%
							grade 4 events	1548	1583	1219	3469	2688	1456
								0%	1%	0%	2%	1%	0%
							grade 5 events	3638	6527	3276	8194	4615	3818
								1%	4%	1%	5%	2%	2%
							grade 6 events	3234	30995	4569	27106	7617	4130
								1%	20%	2%	19%	3%	2%
							grade 7 events	163591	84159	165014	78714	154964	159628
								86%	55%	86%	56%	80%	86%

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	94.17938586288375	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	12.61690481189671	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	273.7762952257531	[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)	570542518.9470789	570542518.9470789			
Observation start date	2016-01-30T12:01:59	2016-01-30T12:01:58			
[s] Observation end time (MET)	570552516.384048	570552516.384048			
Observation end date	2016-01-30T14:48:36	2016-01-30T14:48:36			
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)	2016.01.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2262640069723

A.2 Comments