

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 50984 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 2 2016

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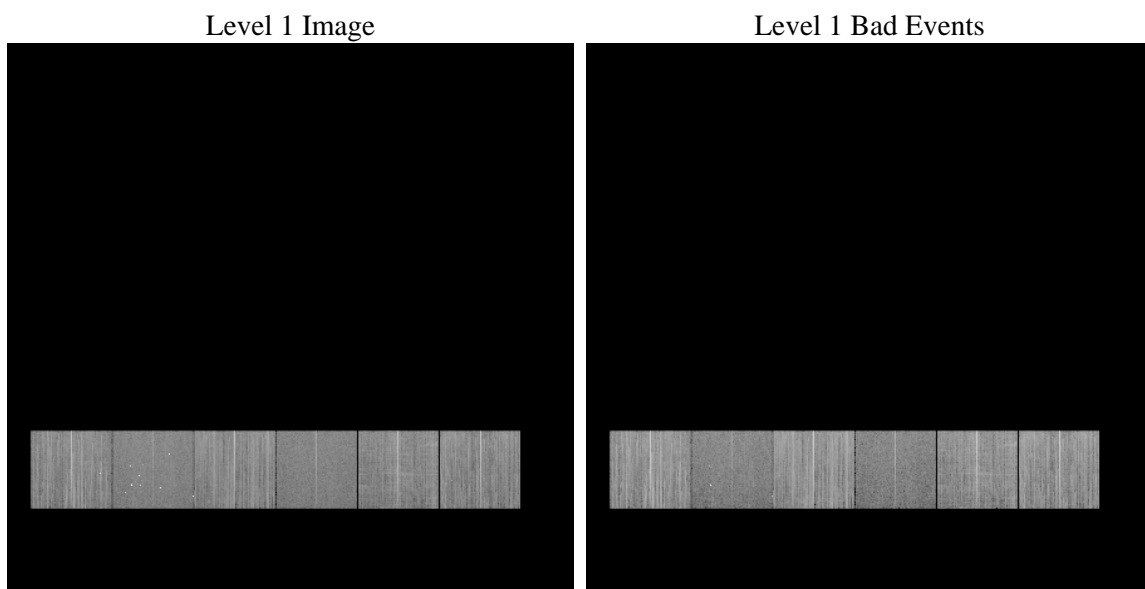
1 Front

seq_num	 	Sequence number
obs_id	50984	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	257.81775810028	Nominal RA [deg]
dec_nom	7.57799497269	Nominal Dec [deg]
roll_nom	166.29776467196	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8181.3349969387	Sum of GTIs [s]
livetime	8077.738006999	Livetime [s]
ontime4	8181.2118768692	Sum of GTIs [s]
ontime5	8181.2939568758	Sum of GTIs [s]
ontime6	8181.2529169321	Sum of GTIs [s]
ontime7	8181.3349969387	Sum of GTIs [s]
ontime8	8181.1708369255	Sum of GTIs [s]
ontime9	8181.3760368824	Sum of GTIs [s]
l2events	188175	Number of level 2 events

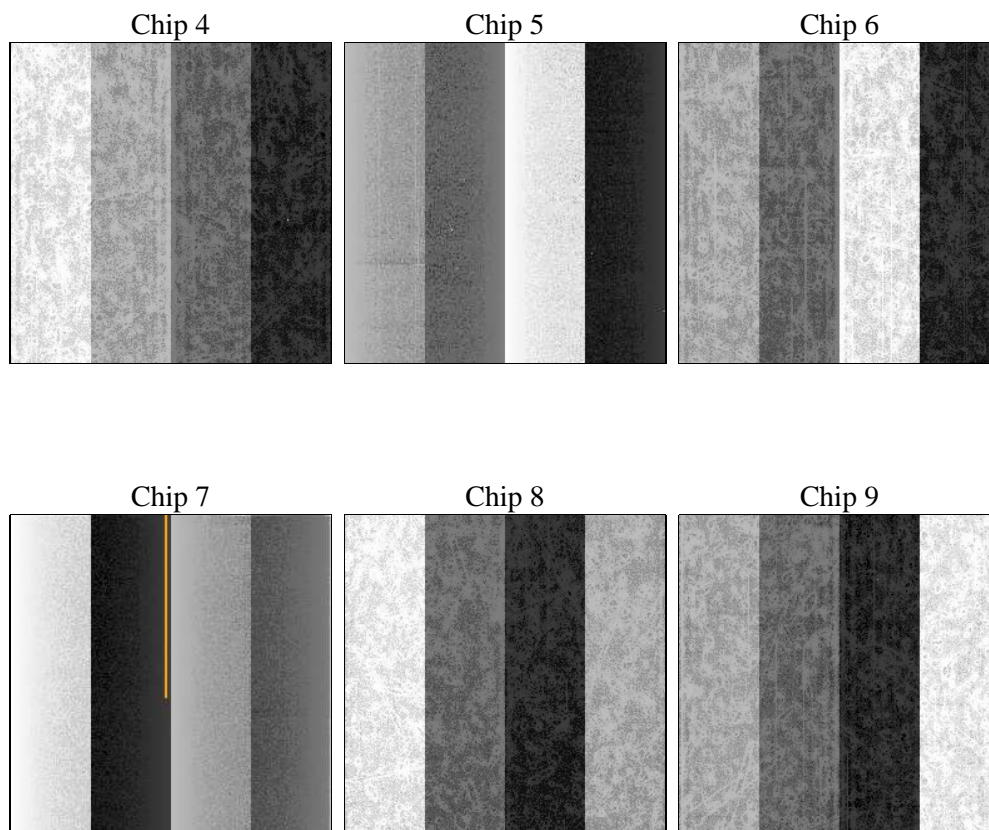
2 OBI

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	8181.3349969387	Sum of GTIs [s]
caldsver	4.7.2	 	ontime4	8181.2118768692	Sum of GTIs [s]
date	2016-06-02T19:21:22	Date and time of file creation	ontime5	8181.2939568758	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8181.2529169321	Sum of GTIs [s]
			ontime7	8181.3349969387	Sum of GTIs [s]
			ontime8	8181.1708369255	Sum of GTIs [s]
			ontime9	8181.3760368824	Sum of GTIs [s]
			l1events	1065851	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	194738	161352	196972	138725	183990	190074	grade 0 events	11971	11735	9595	5574	13298	9830
rejected events	171718	91631	174911	85944	150565	168380		6%	7%	4%	4%	7%	5%
rejected %	88%	56%	88%	61%	81%	88%	grade 1 events	127	201	43	117	94	94
								0%	0%	0%	0%	0%	0%
							grade 2 events	4566	23144	5362	13449	7609	4853
								2%	14%	2%	9%	4%	2%
							grade 3 events	1693	2495	1471	3788	2830	1511
								0%	1%	0%	2%	1%	0%
							grade 4 events	1633	2186	1414	3647	2554	1483
								0%	1%	0%	2%	1%	0%
							grade 5 events	3700	7090	3624	8583	4946	4083
								1%	4%	1%	6%	2%	2%
							grade 6 events	3415	30874	4449	26808	7582	4264
								1%	19%	2%	19%	4%	2%
							grade 7 events	167633	83627	171014	76759	145077	163956
								86%	51%	86%	55%	78%	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	257.817758100277	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	7.577994972689969	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	166.2977646719645	[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)	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	581234534.342925	581234534.342925			
Observation start date	2016-06-02T06:02:14	2016-06-02T06:02:14			
[s] Observation end time (MET)	581244081.607922	581244081.607922			
Observation end date	2016-06-02T08:41:22	2016-06-02T08:41:21			
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)	2016.06.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1813349969387

A.2 Comments