

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52534 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 19 2014

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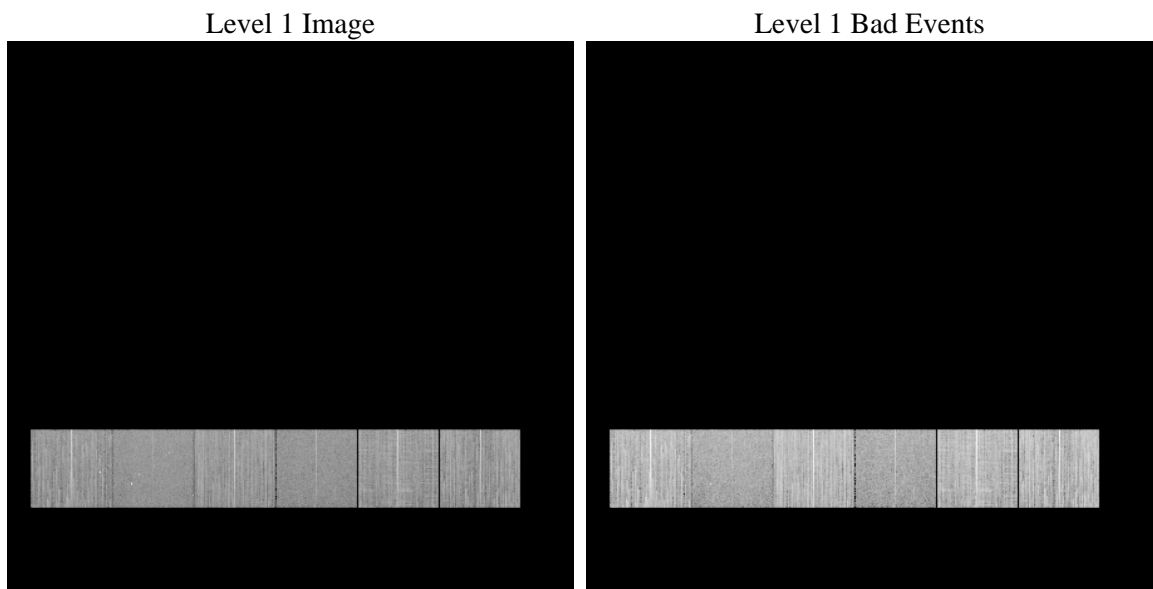
1 Front

seq_num	 	Sequence number
obs_id	52534	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	336.00896287654	Nominal RA [deg]
dec_nom	-35.978739059323	Nominal Dec [deg]
roll_nom	19.225043357072	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8278.3999692202	Sum of GTIs [s]
livetime	8173.5738841559	Livetime [s]
ontime4	8278.3999692202	Sum of GTIs [s]
ontime5	8278.3999692202	Sum of GTIs [s]
ontime6	8278.3999692202	Sum of GTIs [s]
ontime7	8278.3999692202	Sum of GTIs [s]
ontime8	8278.3999692202	Sum of GTIs [s]
ontime9	8278.3999692202	Sum of GTIs [s]
l2events	201673	Number of level 2 events

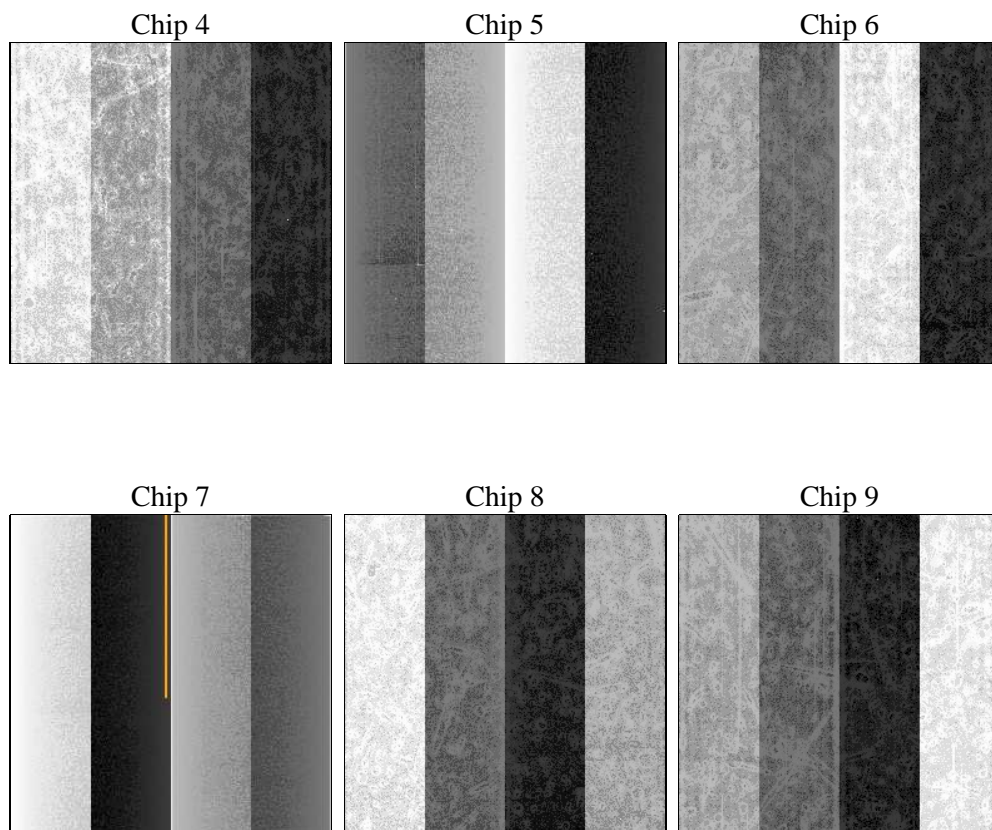
2 OBI

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	10.2.4	Processing system revision	ontime	8278.3999692202	Sum of GTIs [s]
caldbver	4.6.2	 	ontime4	8278.3999692202	Sum of GTIs [s]
date	2014-08-19T17:20:18	Date and time of file creation	ontime5	8278.3999692202	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8278.3999692202	Sum of GTIs [s]
			ontime7	8278.3999692202	Sum of GTIs [s]
			ontime8	8278.3999692202	Sum of GTIs [s]
			ontime9	8278.3999692202	Sum of GTIs [s]
			l1events	871576	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	147572	129876	158838	118903	158886	157501	grade 0 events	14887	5516	12781	6994	15350	12726
rejected events	120377	73129	132204	66888	123162	131510		10%	4%	8%	5%	9%	8%
rejected %	81%	56%	83%	56%	77%	83%	grade 1 events	117	135	62	77	86	86
								0%	0%	0%	0%	0%	0%
							grade 2 events	5108	20891	5500	12752	7676	5319
								3%	16%	3%	10%	4%	3%
							grade 3 events	1810	2000	1779	4049	2883	1841
								1%	1%	1%	3%	1%	1%
							grade 4 events	1812	1894	1786	4049	2665	1764
								1%	1%	1%	3%	1%	1%
							grade 5 events	3181	6157	3095	7494	4196	3462
								2%	4%	1%	6%	2%	2%
							grade 6 events	3578	26446	4788	24171	7150	4341
								2%	20%	3%	20%	4%	2%
							grade 7 events	117079	66837	129047	59317	118880	127962
								79%	51%	81%	49%	74%	81%

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	NONE	UPDATED
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	336.008962876539	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-35.97873905932287	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	19.2250433570719	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	524799619.191145	524799618.16614			
Observation start date	2014-08-19T01:40:19	2014-08-19T01:40:18			
[s] Observation end time (MET)	524815447.242023	524815446.21702			
Observation end date	2014-08-19T06:04:07	2014-08-19T06:04:06			
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)	2014.08.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2783999692202

A.2 Comments