

V&V Reference Report

L2 ASCDS Version : 10.3

Observation 52339 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 4 2014

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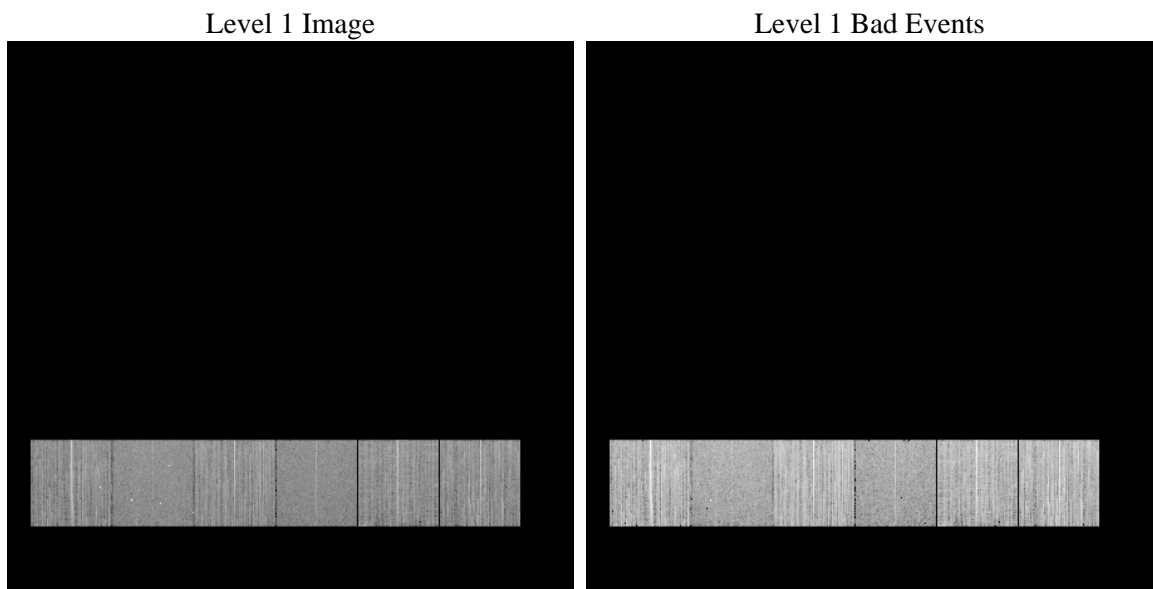
1 Front

seq_num	 	Sequence number
obs_id	52339	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	176.36091676789	Nominal RA [deg]
dec_nom	7.6044511725506	Nominal Dec [deg]
roll_nom	61.614914429371	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6447.9999760389	Sum of GTIs [s]
livetime	6366.3515178229	Livetime [s]
ontime4	6447.9999760389	Sum of GTIs [s]
ontime5	6447.9999760389	Sum of GTIs [s]
ontime6	6447.9999760389	Sum of GTIs [s]
ontime7	6447.9999760389	Sum of GTIs [s]
ontime8	6447.9999760389	Sum of GTIs [s]
ontime9	6447.9999760389	Sum of GTIs [s]
l2events	150219	Number of level 2 events

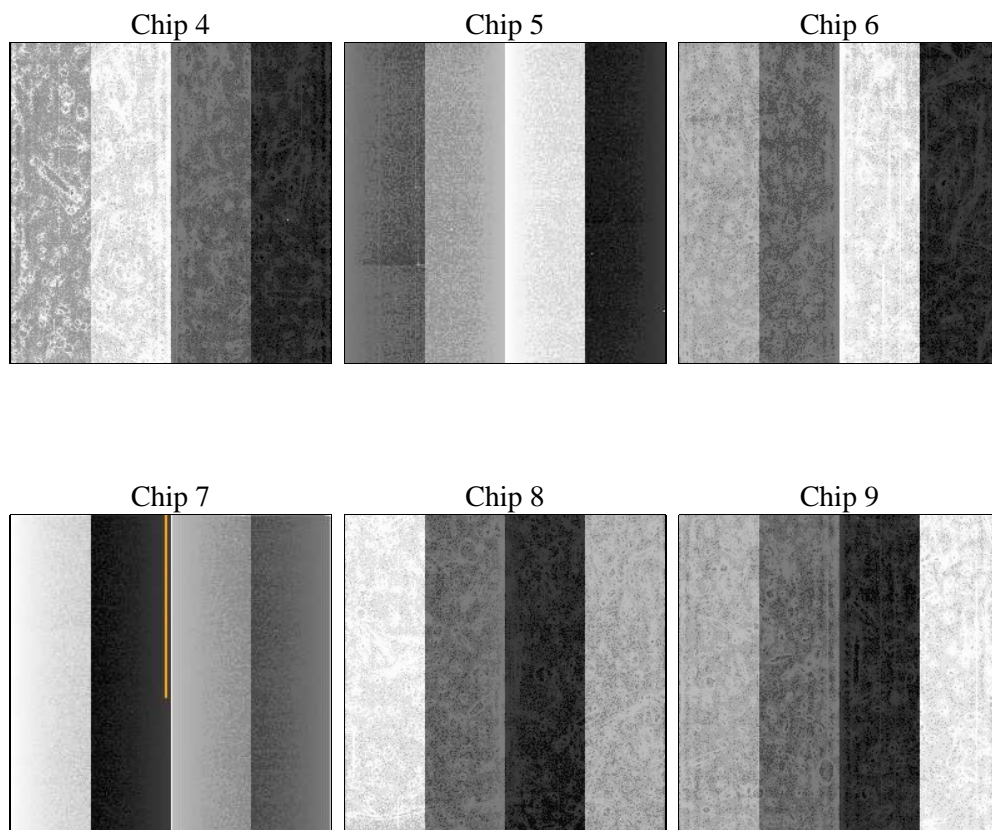
2 OBI

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	Processing system revision	ontime	6447.9999760389	Sum of GTIs [s]
caldbver	4.6.4	 	ontime4	6447.9999760389	Sum of GTIs [s]
date	2014-11-04T15:17:20	Date and time of file creation	ontime5	6447.9999760389	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	6447.9999760389	Sum of GTIs [s]
			ontime7	6447.9999760389	Sum of GTIs [s]
			ontime8	6447.9999760389	Sum of GTIs [s]
			ontime9	6447.9999760389	Sum of GTIs [s]
			l1events	661153	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	111784	102243	121335	90819	116917	118055	grade 0 events	11265	5527	9806	5221	11670	9640
rejected events	91704	57973	101397	51948	90128	98641		10%	5%	8%	5%	9%	8%
rejected %	82%	56%	83%	57%	77%	83%	grade 1 events	78	140	46	72	57	51
								0%	0%	0%	0%	0%	0%
							grade 2 events	3727	16158	4237	9708	5829	3965
								3%	15%	3%	10%	4%	3%
							grade 3 events	1385	1520	1308	3135	2020	1420
								1%	1%	1%	3%	1%	1%
							grade 4 events	1373	1499	1348	3077	2017	1326
								1%	1%	1%	3%	1%	1%
							grade 5 events	2405	4807	2406	5755	3221	2652
								2%	4%	1%	6%	2%	2%
							grade 6 events	2650	20311	3554	18356	5622	3364
								2%	19%	2%	20%	4%	2%
							grade 7 events	88901	52281	98630	45495	86481	95637
								79%	51%	81%	50%	73%	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	176.3609167678944	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	7.604451172550572	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	61.61491442937072	[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)	531461736.211203	531461735.1862			
Observation start date	2014-11-04T04:15:36	2014-11-04T04:15:35			
[s] Observation end time (MET)	531473394.561852	531473393.53685			
Observation end date	2014-11-04T07:29:55	2014-11-04T07:29:53			
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)	2014.11.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.4479999760389

A.2 Comments