

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54318 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Sep 18 2012

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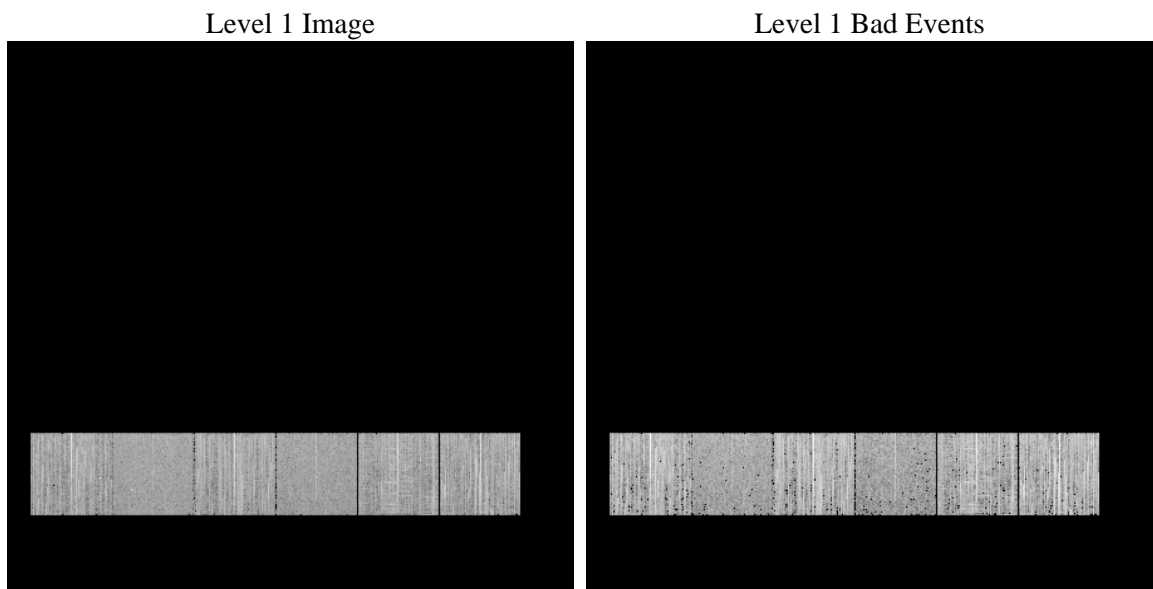
1 Front

seq_num	 	Sequence number
obs_id	54318	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	331.00940206964	Nominal RA [deg]
dec_nom	4.873814589805	Nominal Dec [deg]
roll_nom	254.79445644775	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3279.9999878407	Sum of GTIs [s]
livetime	3238.4666530157	Livetime [s]
ontime4	3279.9999878407	Sum of GTIs [s]
ontime5	3279.9999878407	Sum of GTIs [s]
ontime6	3276.758977592	Sum of GTIs [s]
ontime7	3279.9999878407	Sum of GTIs [s]
ontime8	3279.9999878407	Sum of GTIs [s]
ontime9	3279.9999878407	Sum of GTIs [s]
l2events	107257	Number of level 2 events

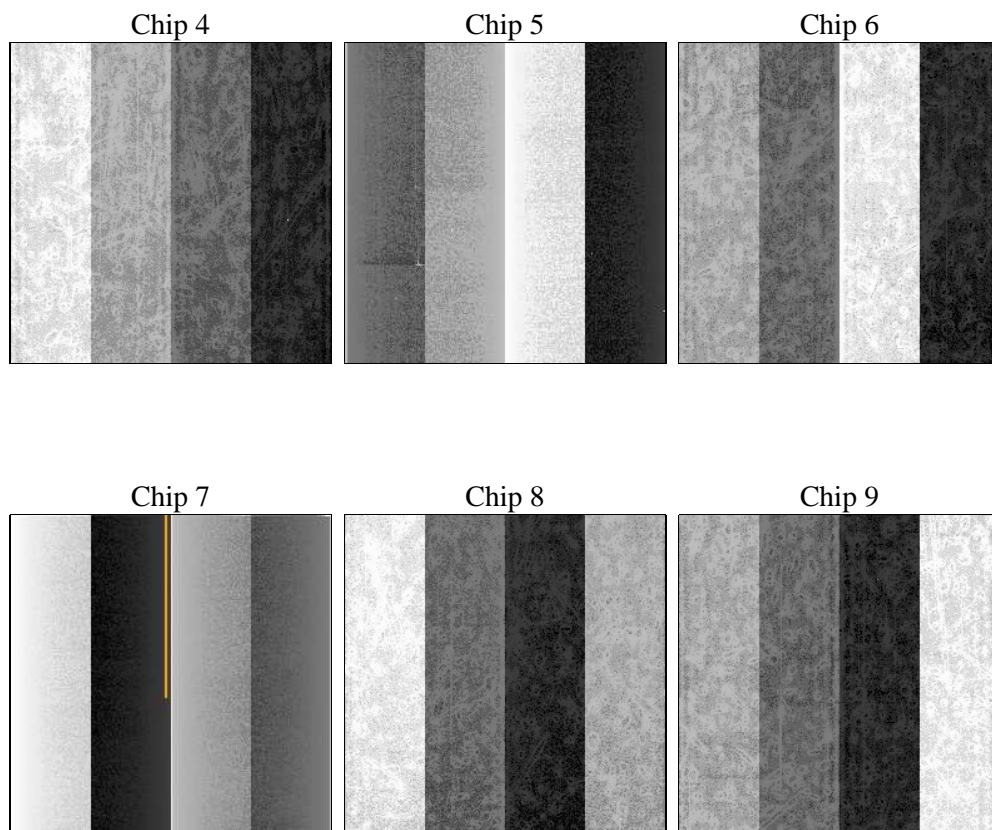
2 OBI

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	8.4.5	Processing system revision	ontime	3279.9999878407	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime4	3279.9999878407	Sum of GTIs [s]
date	2012-09-18T03:39:23	Date and time of file creation	ontime5	3279.9999878407	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	3276.758977592	Sum of GTIs [s]
			ontime7	3279.9999878407	Sum of GTIs [s]
			ontime8	3279.9999878407	Sum of GTIs [s]
			ontime9	3279.9999878407	Sum of GTIs [s]
			l1events	390159	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	67440	56750	70885	53222	67064	74798	grade 0 events	8246	2854	7901	3905	9097	7695
rejected events	52367	30269	55219	27538	47546	59656		12%	5%	11%	7%	13%	10%
rejected %	77%	53%	77%	51%	70%	79%	grade 1 events	55	47	35	29	52	50
								0%	0%	0%	0%	0%	0%
							grade 2 events	2811	9889	3047	6382	3847	2950
								4%	17%	4%	11%	5%	3%
							grade 3 events	1008	1011	990	2161	1574	1046
								1%	1%	1%	4%	2%	1%
							grade 4 events	1006	931	1048	2080	1532	982
								1%	1%	1%	3%	2%	1%
							grade 5 events	1282	2545	1284	3154	1738	1468
								1%	4%	1%	5%	2%	1%
							grade 6 events	2022	11829	2698	11184	3478	2488
								2%	20%	3%	21%	5%	3%
							grade 7 events	51010	27644	53882	24327	45746	58119
								75%	48%	76%	45%	68%	77%

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	331.0094020696396	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	4.873814589804963	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	254.794456447752	[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)	464279833.639258	464279832.61426			
Observation start date	2012-09-17T14:37:14	2012-09-17T14:37:12			
[s] Observation end time (MET)	464285975.439587	464285974.41459			
Observation end date	2012-09-17T16:19:35	2012-09-17T16:19:34			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2799999878407

A.2 Comments