

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54436 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Aug 9 2012

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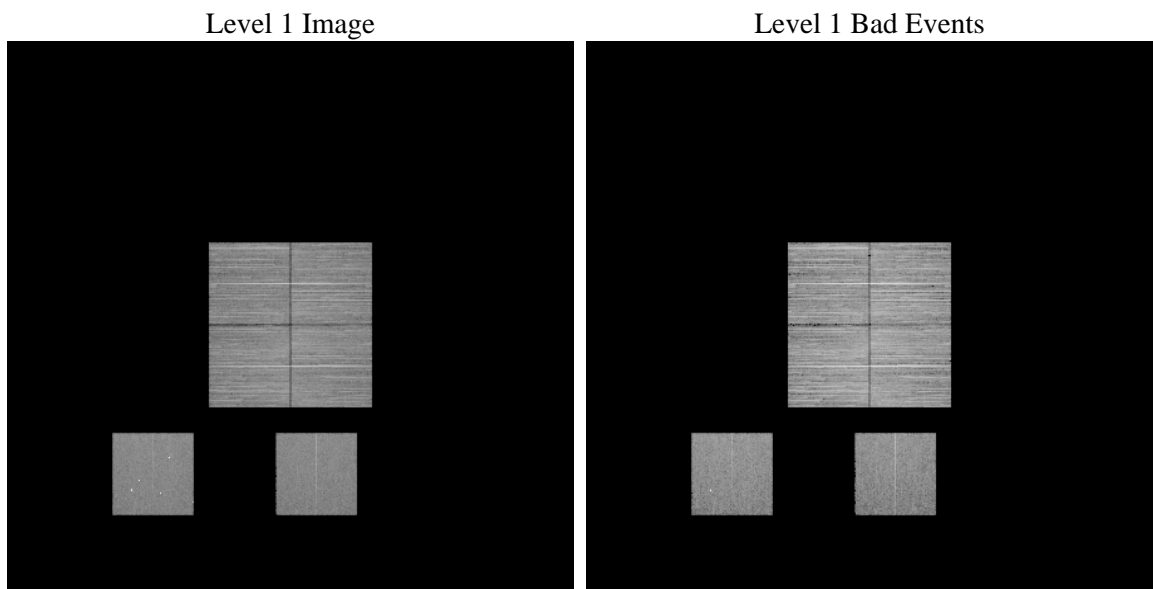
1 Front

seq_num	 	Sequence number
obs_id	54436	Observation id
title	ACIS-012357 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	331.97249359169	Nominal RA [deg]
dec_nom	0.0061386227913782	Nominal Dec [deg]
roll_nom	134.90006277979	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8284.7999691963	Sum of GTIs [s]
livetime	8179.8928434787	Livetime [s]
ontime0	8284.7999691963	Sum of GTIs [s]
ontime1	8284.7999691963	Sum of GTIs [s]
ontime2	8284.7999691963	Sum of GTIs [s]
ontime3	8284.7999691963	Sum of GTIs [s]
ontime5	8284.7999691963	Sum of GTIs [s]
ontime7	8284.7999691963	Sum of GTIs [s]
l2events	279236	Number of level 2 events

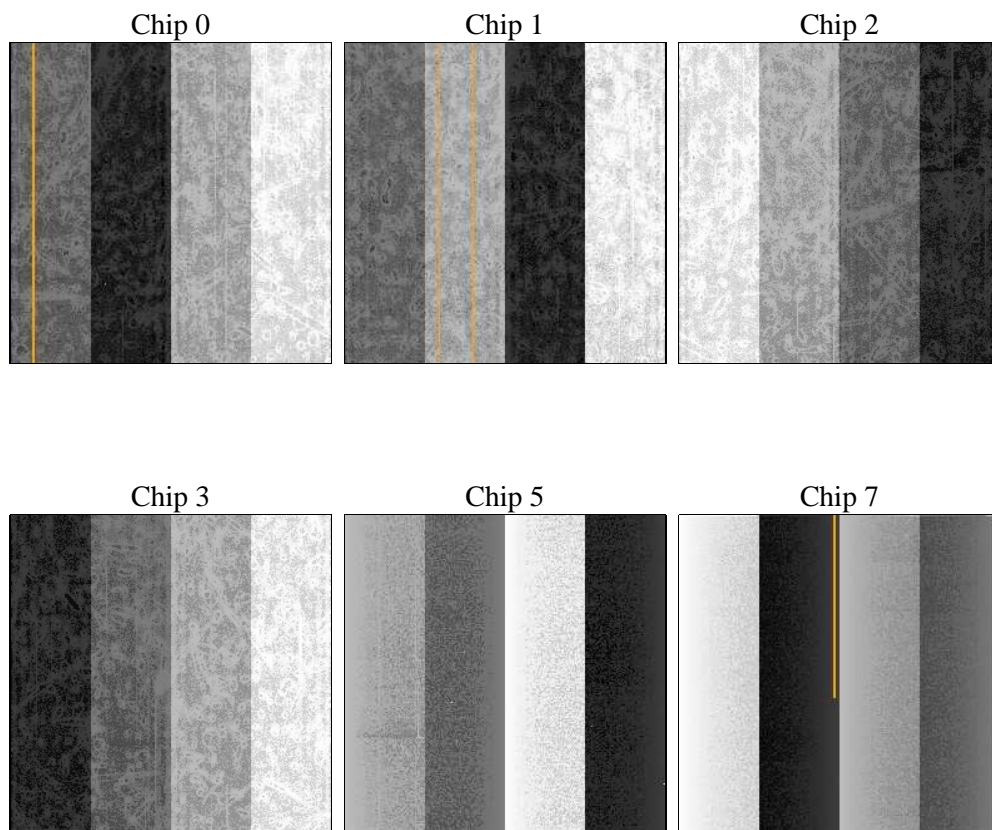
2 OBI

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	8284.7999691963	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	8284.7999691963	Sum of GTIs [s]
date	2012-08-09T22:17:07	Date and time of file creation	ontime1	8284.7999691963	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8284.7999691963	Sum of GTIs [s]
			ontime3	8284.7999691963	Sum of GTIs [s]
			ontime5	8284.7999691963	Sum of GTIs [s]
			ontime7	8284.7999691963	Sum of GTIs [s]
			l1events	963143	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	161501	170209	172498	175780	148509	134646	grade 0 events	20166	19321	21367	21141	13670	10383
rejected events	121823	130208	131980	135363	73806	68271		12%	11%	12%	12%	9%	7%
rejected %	75%	76%	76%	77%	49%	50%	grade 1 events	103	83	134	110	166	85
								0%	0%	0%	0%	0%	0%
							grade 2 events	7861	8805	7873	7555	26862	16622
								4%	5%	4%	4%	18%	12%
							grade 3 events	2650	2518	2612	2792	2220	5445
								1%	1%	1%	1%	1%	4%
							grade 4 events	2629	2594	2646	2827	2256	5534
								1%	1%	1%	1%	1%	4%
							grade 5 events	2853	2845	2685	3186	6028	7534
								1%	1%	1%	1%	4%	5%
							grade 6 events	6372	6763	6020	6102	29695	28391
								3%	3%	3%	3%	19%	21%
							grade 7 events	118867	127280	129161	132067	67612	60652
								73%	74%	74%	75%	45%	45%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	331.9724935916873	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	0.006138622791378221	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	134.9000627797881	[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)	460364210.42978	460364209.40478			
Observation start date	2012-08-03T06:56:50	2012-08-03T06:56:49			
[s] Observation end time (MET)	460382555.880758	460382554.85576			
Observation end date	2012-08-03T12:02:36	2012-08-03T12:02:34			
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)	2012.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2847999691963

A.2 Comments