

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57774 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 16 2012

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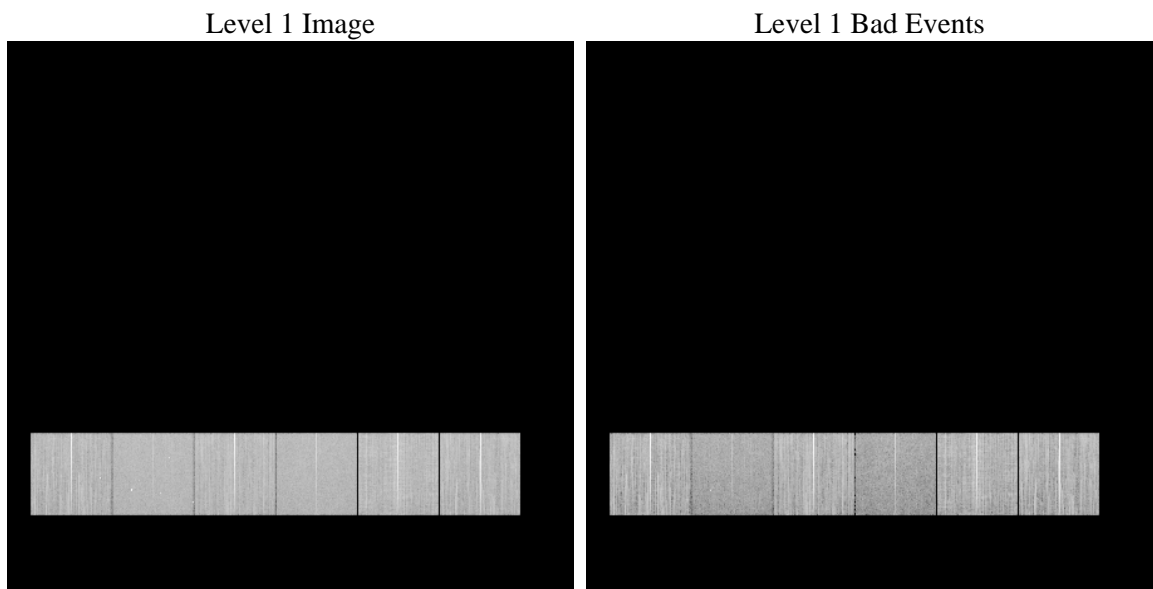
1 Front

seq_num	 	Sequence number
obs_id	57774	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	9.9912013250174	Nominal RA [deg]
dec_nom	25.5210190674	Nominal Dec [deg]
roll_nom	102.80379166473	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8163.1814041138	Sum of GTIs [s]
livetime	8059.8142858972	Livetime [s]
ontime4	6662.4925487041	Sum of GTIs [s]
ontime5	8163.1403641105	Sum of GTIs [s]
ontime6	7197.2927101254	Sum of GTIs [s]
ontime7	8163.1814041138	Sum of GTIs [s]
ontime8	7553.7165840268	Sum of GTIs [s]
ontime9	7061.2728433609	Sum of GTIs [s]
l2events	582710	Number of level 2 events

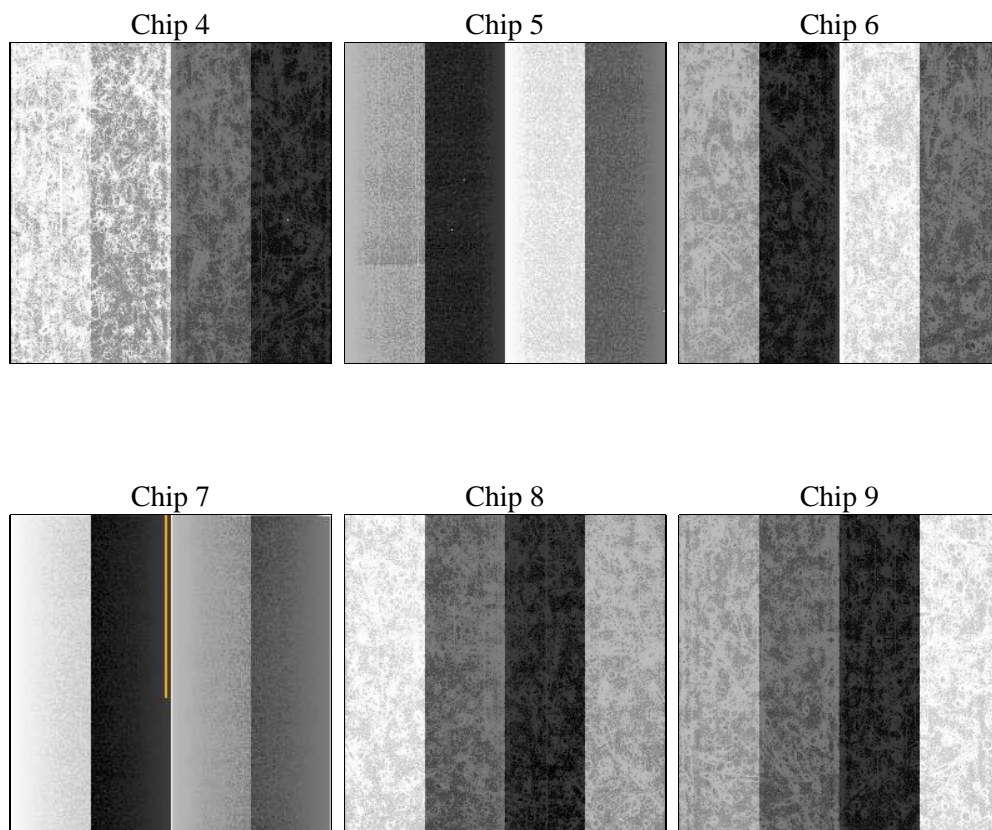
2 OBI

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	8.4.4	Processing system revision	ontime	8163.1814041138	Sum of GTIs [s]
caldbver	4.4.9	 	ontime4	6662.4925487041	Sum of GTIs [s]
date	2012-05-16T05:32:51	Date and time of file creation	ontime5	8163.1403641105	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7197.2927101254	Sum of GTIs [s]
			ontime7	8163.1814041138	Sum of GTIs [s]
			ontime8	7553.7165840268	Sum of GTIs [s]
			ontime9	7061.2728433609	Sum of GTIs [s]
			l1events	1467328	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	237270	232622	254304	226857	267378	248897	grade 0 events	44044	18320	46458	25933	52732	45766
rejected events	158166	101851	164240	90678	162582	163127		18%	7%	18%	11%	19%	18%
rejected %	66%	43%	64%	39%	60%	65%	grade 1 events	454	198	297	142	372	341
								0%	0%	0%	0%	0%	0%
							grade 2 events	14273	50822	17680	33300	20037	15756
								6%	21%	6%	14%	7%	6%
							grade 3 events	5299	5744	5639	12378	7442	5540
								2%	2%	2%	5%	2%	2%
							grade 4 events	5146	5563	5530	11932	7148	5516
								2%	2%	2%	5%	2%	2%
							grade 5 events	3392	9000	3729	10475	4947	3979
								1%	3%	1%	4%	1%	1%
							grade 6 events	10342	50322	14757	52636	17437	13192
								4%	21%	5%	23%	6%	5%
							grade 7 events	154320	92653	160214	80061	157263	158807
								65%	39%	63%	35%	58%	63%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	9.991201325017357	Alternating exposures requested	N	N
[deg] Pointing Dec	0	25.52101906740004	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	102.8037916647286			
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	329254018.632629	329254017.60763			
Observation start date	2008-06-07T19:26:59	2008-06-07T19:26:57			
[s] Observation end time (MET)	329266734.78325	329266733.75825			
Observation end date	2008-06-07T22:58:55	2008-06-07T22:58:53			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1631814041138

A.2 Comments