

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56719 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 18 2012

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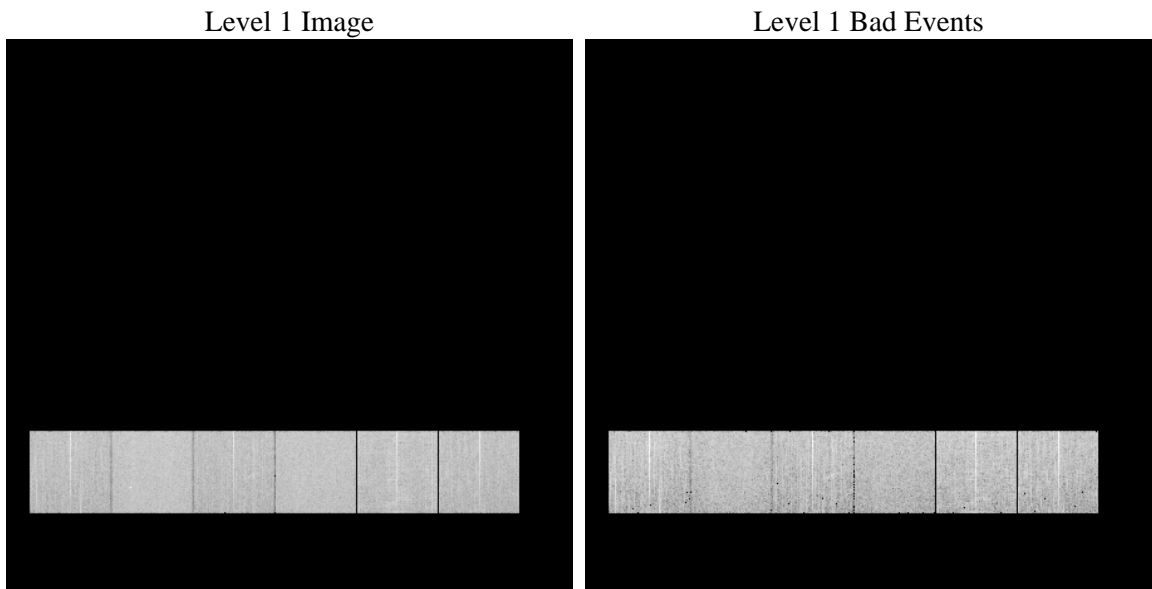
1 Front

seq_num	 	Sequence number
obs_id	56719	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	53.500232816949	Nominal RA [deg]
dec_nom	0.028786985320206	Nominal Dec [deg]
roll_nom	56.739052739826	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5339.9021676183	Sum of GTIs [s]
livetime	5272.2851110688	Livetime [s]
ontime4	5339.7790476084	Sum of GTIs [s]
ontime5	5339.861127615	Sum of GTIs [s]
ontime6	5339.8200876117	Sum of GTIs [s]
ontime7	5339.9021676183	Sum of GTIs [s]
ontime8	5339.7380076051	Sum of GTIs [s]
ontime9	5339.9432076216	Sum of GTIs [s]
l2events	311980	Number of level 2 events

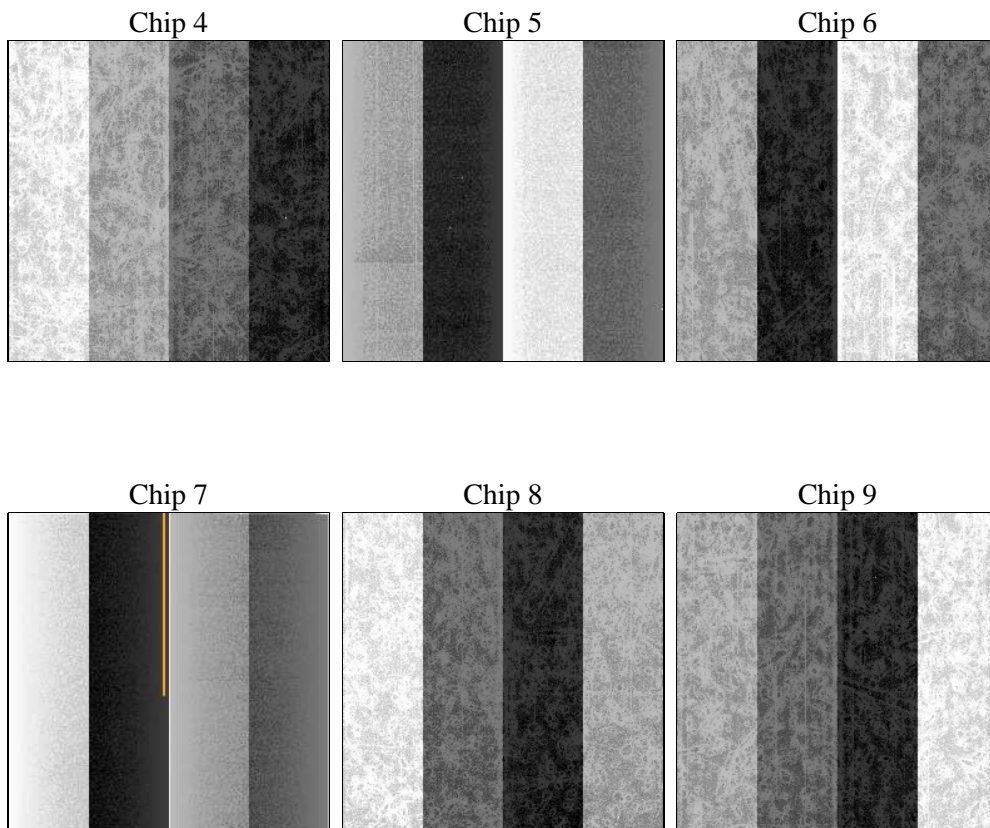
2 OBI

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	5339.9021676183	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	5339.7790476084	Sum of GTIs [s]
date	2012-06-15T09:41:23	Date and time of file creation	ontime5	5339.861127615	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	5339.8200876117	Sum of GTIs [s]
			ontime7	5339.9021676183	Sum of GTIs [s]
			ontime8	5339.7380076051	Sum of GTIs [s]
			ontime9	5339.9432076216	Sum of GTIs [s]
			l1events	652264	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	101667	121268	99012	116602	114409	99306	grade 0 events	25188	8981	24896	12646	27761	24677
rejected events	56839	49683	51047	45455	57217	52845		24%	7%	25%	10%	24%	24%
rejected %	55%	40%	51%	38%	50%	53%	grade 1 events	262	159	163	107	201	191
								0%	0%	0%	0%	0%	0%
							grade 2 events	7218	25903	8557	15300	10896	8061
								7%	21%	8%	13%	9%	8%
							grade 3 events	3247	3142	3197	6642	4202	3212
								3%	2%	3%	5%	3%	3%
							grade 4 events	3298	3078	3190	6479	4106	3128
								3%	2%	3%	5%	3%	3%
							grade 5 events	2770	6471	2998	7309	3895	3115
								2%	5%	3%	6%	3%	3%
							grade 6 events	5877	30481	8125	30080	10227	7383
								5%	25%	8%	25%	8%	7%
							grade 7 events	53807	43053	47886	38039	53121	49539
								52%	35%	48%	32%	46%	49%

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	53.50023281694921	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	0.02878698532020647	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	56.73905273982606	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	373121111.11817	373121110.09316			
Observation start date	2009-10-28T12:45:11	2009-10-28T12:45:10			
[s] Observation end time (MET)	373128181.568526	373128180.54351			
Observation end date	2009-10-28T14:43:02	2009-10-28T14:43:00			
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)	2012.06.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.3399021676183

A.2 Comments