

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58504 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 21 2012

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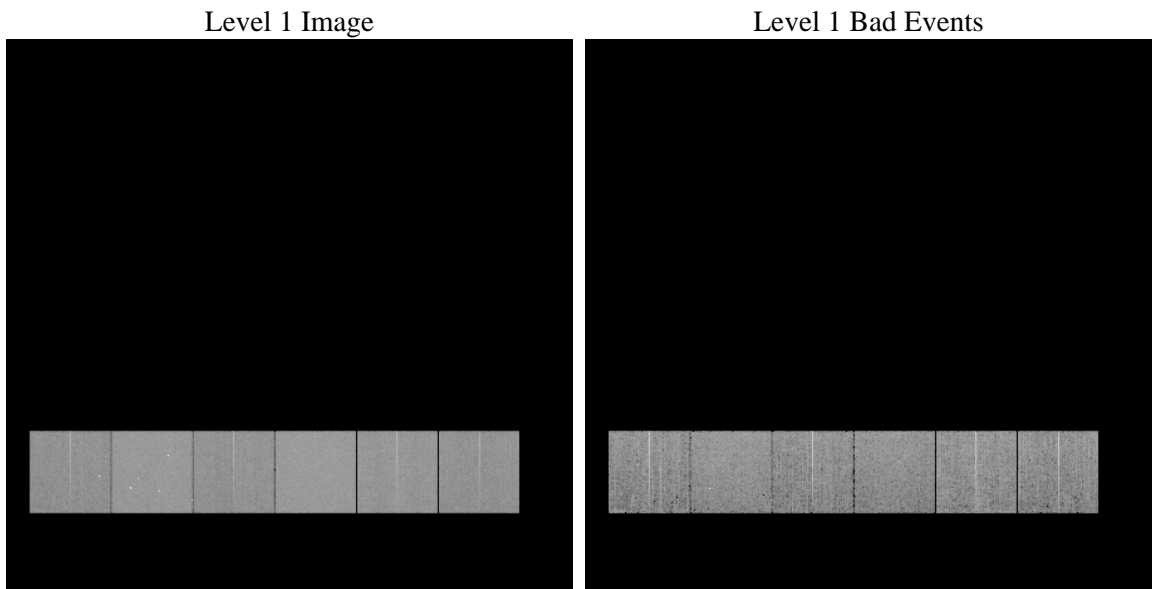
1 Front

seq_num	 	Sequence number
obs_id	58504	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	194.99201154699	Nominal RA [deg]
dec_nom	-2.972417206024	Nominal Dec [deg]
roll_nom	73.226931756619	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6143.9820668697	Sum of GTIs [s]
livetime	6066.1832664772	Livetime [s]
ontime4	4504.0676233172	Sum of GTIs [s]
ontime5	6143.9999771714	Sum of GTIs [s]
ontime6	4705.008033514	Sum of GTIs [s]
ontime7	6143.9820668697	Sum of GTIs [s]
ontime8	4873.5384690166	Sum of GTIs [s]
ontime9	4614.2017943859	Sum of GTIs [s]
l2events	750570	Number of level 2 events

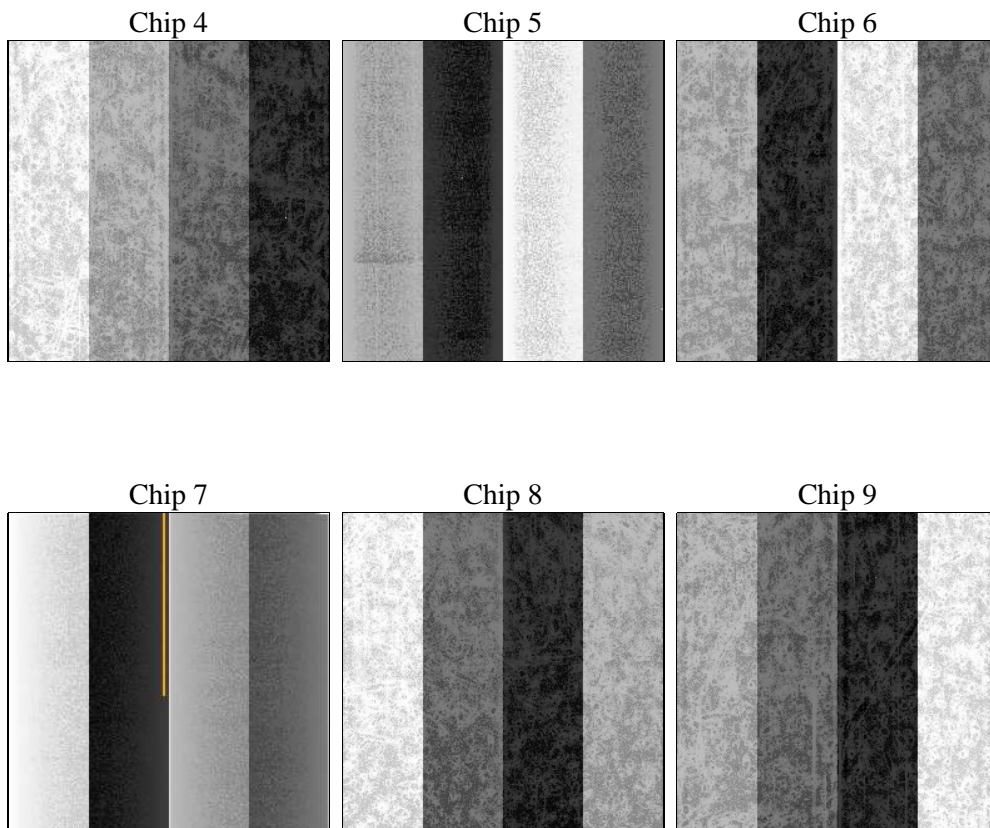
2 OBI

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	6143.9820668697	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	4504.0676233172	Sum of GTIs [s]
date	2012-04-21T03:25:08	Date and time of file creation	ontime5	6143.9999771714	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4705.008033514	Sum of GTIs [s]
			ontime7	6143.9820668697	Sum of GTIs [s]
			ontime8	4873.5384690166	Sum of GTIs [s]
			ontime9	4614.2017943859	Sum of GTIs [s]
			l1events	1114222	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	158323	212423	167482	219030	191511	165453	grade 0 events	59531	29502	59296	40470	67305	59553
rejected events	50487	55373	49571	48784	56466	50300		37%	13%	35%	18%	35%	35%
rejected %	31%	26%	29%	22%	29%	30%	grade 1 events	663	227	418	160	489	519
								0%	0%	0%	0%	0%	0%
							grade 2 events	16285	59422	20484	36817	23246	19105
								10%	27%	12%	16%	12%	11%
							grade 3 events	7432	7276	6924	15057	9004	7389
								4%	3%	4%	6%	4%	4%
							grade 4 events	7259	7363	7286	14767	8819	7158
								4%	3%	4%	6%	4%	4%
							grade 5 events	2593	7757	2843	7939	3597	2990
								1%	3%	1%	3%	1%	1%
							grade 6 events	17329	53487	23921	63135	26671	21948
								10%	25%	14%	28%	13%	13%
							grade 7 events	47231	47389	46310	40685	52380	46791
								29%	22%	27%	18%	27%	28%

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	194.9920115469862	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-2.972417206024043	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	73.22693175661863			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	289682329.624879	289682328.59989			
Observation start date	2007-03-07T19:18:50	2007-03-07T19:18:48			
[s] Observation end time (MET)	289697839.925616	289697838.90062			
Observation end date	2007-03-07T23:37:20	2007-03-07T23:37:18			
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)	2012.04.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.1439820668697

A.2 Comments