

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59030 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 29 2012

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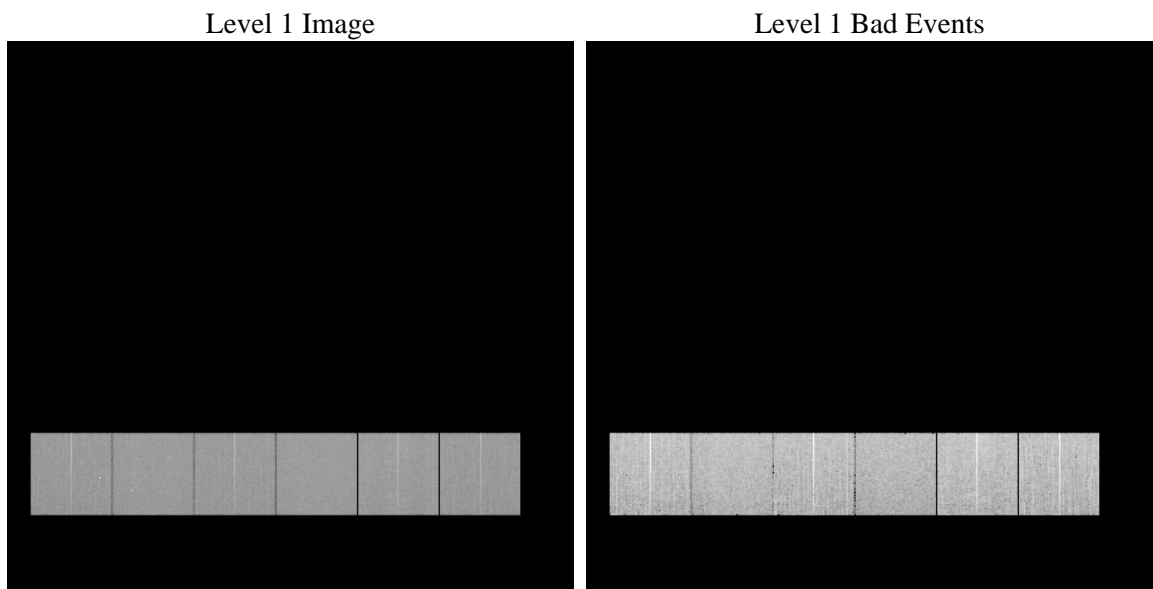
1 Front

seq_num	 	Sequence number
obs_id	59030	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	208.9680567857	Nominal RA [deg]
dec_nom	20.99479408847	Nominal Dec [deg]
roll_nom	152.27503369789	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8175.2341057658	Sum of GTIs [s]
livetime	8071.7143689836	Livetime [s]
ontime4	8175.1109857559	Sum of GTIs [s]
ontime5	8175.1930657625	Sum of GTIs [s]
ontime6	8175.1520257592	Sum of GTIs [s]
ontime7	8175.2341057658	Sum of GTIs [s]
ontime8	8171.8289555013	Sum of GTIs [s]
ontime9	8172.034155488	Sum of GTIs [s]
l2events	948707	Number of level 2 events

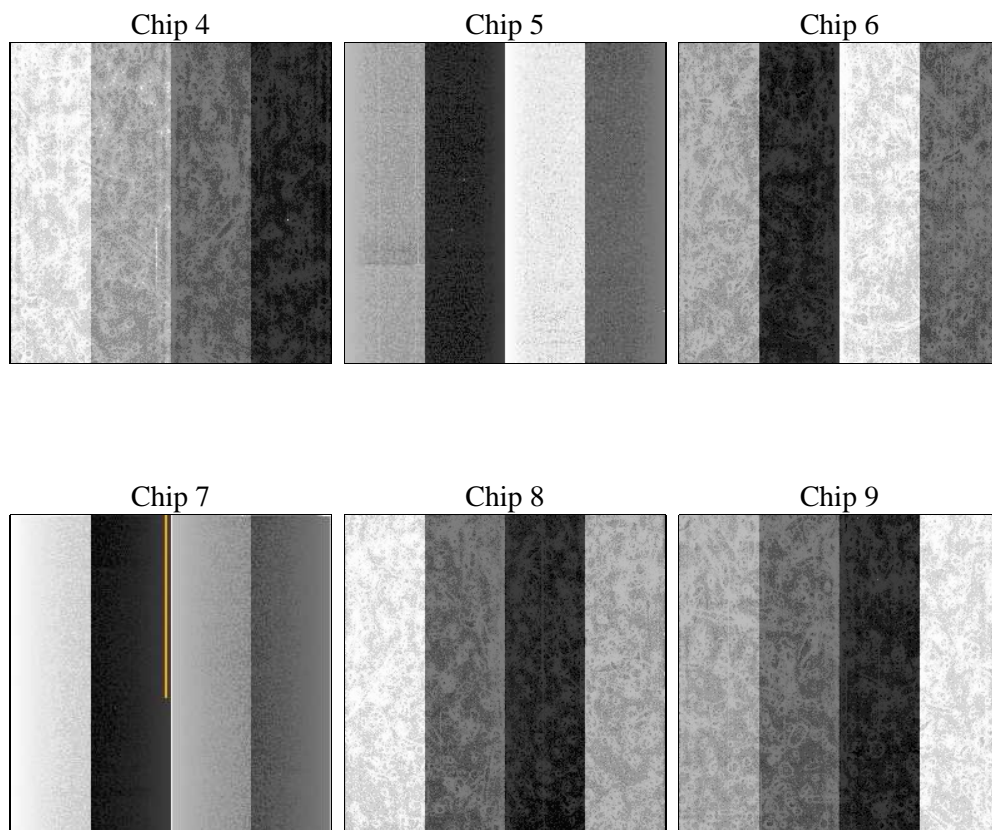
2 OBI

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	8.4.3	Processing system revision	ontime	8175.2341057658	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	8175.1109857559	Sum of GTIs [s]
date	2012-03-29T14:32:22	Date and time of file creation	ontime5	8175.1930657625	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8175.1520257592	Sum of GTIs [s]
			ontime7	8175.2341057658	Sum of GTIs [s]
			ontime8	8171.8289555013	Sum of GTIs [s]
			ontime9	8172.034155488	Sum of GTIs [s]
			l1events	1454730	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	233258	240590	238462	250061	256090	236269	grade 0 events	91101	32117	89594	43043	94574	87533
rejected events	78127	68087	74321	60875	80235	77475		39%	13%	37%	17%	36%	37%
rejected %	33%	28%	31%	24%	31%	32%	grade 1 events	806	196	537	174	595	594
								0%	0%	0%	0%	0%	0%
							grade 2 events	24753	64157	28970	41733	31513	27862
								10%	26%	12%	16%	12%	11%
							grade 3 events	10621	9298	10562	18730	12105	10455
								4%	3%	4%	7%	4%	4%
							grade 4 events	10432	9324	10469	18702	11921	10525
								4%	3%	4%	7%	4%	4%
							grade 5 events	4005	9489	4144	10092	5208	4599
								1%	3%	1%	4%	2%	1%
							grade 6 events	20154	59793	26659	69269	27950	24485
								8%	24%	11%	27%	10%	10%
							grade 7 events	71386	56216	67527	48318	72224	70216
								30%	23%	28%	19%	28%	29%

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	208.9680567857012	Alternating exposures requested	N	N
[deg] Pointing Dec	0	20.99479408846965	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	152.2750336978881			
[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)	260707968.561478	260707967.53649			
Observation start date	2006-04-06T10:52:49	2006-04-06T10:52:47			
[s] Observation end time (MET)	260732086.8126	260732085.78761			
Observation end date	2006-04-06T17:34:47	2006-04-06T17:34:45			
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)	2012.03.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1752341057658

A.2 Comments