

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60979 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 16 2012

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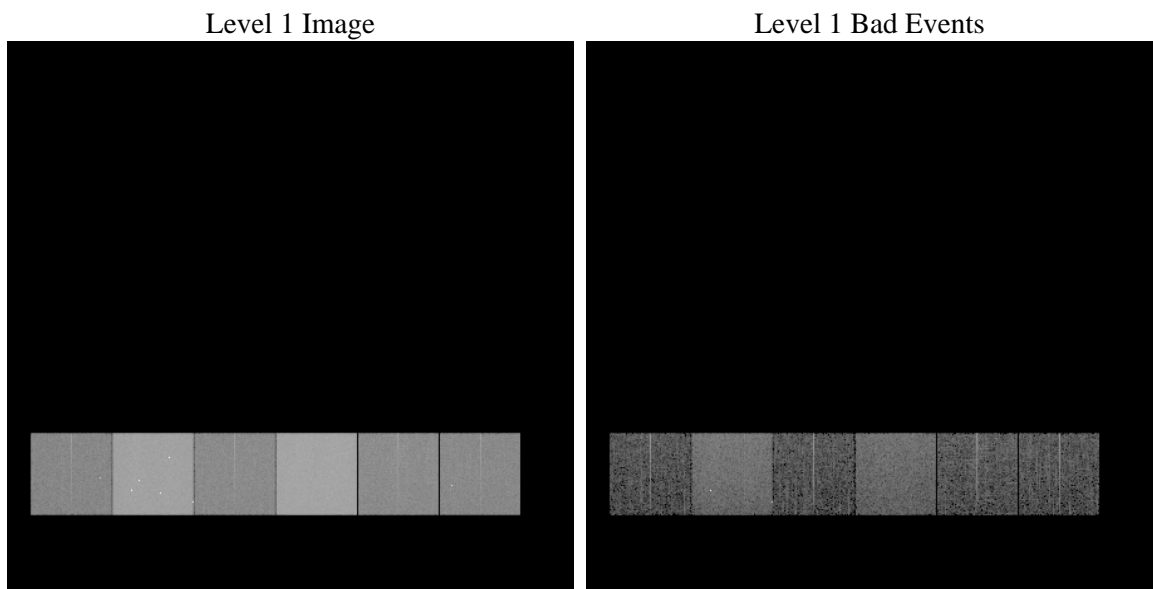
1 Front

seq_num	 	Sequence number
obs_id	60979	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	110.34053559544	Nominal RA [deg]
dec_nom	55.783320854981	Nominal Dec [deg]
roll_nom	92.571206518301	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8444.7999685407	Sum of GTIs [s]
livetime	8337.8668264909	Livetime [s]
ontime4	3023.4729712307	Sum of GTIs [s]
ontime5	8444.7999685407	Sum of GTIs [s]
ontime6	3263.2676850855	Sum of GTIs [s]
ontime7	8444.7999685407	Sum of GTIs [s]
ontime8	3356.4641166627	Sum of GTIs [s]
ontime9	3159.4320523143	Sum of GTIs [s]
l2events	1279694	Number of level 2 events

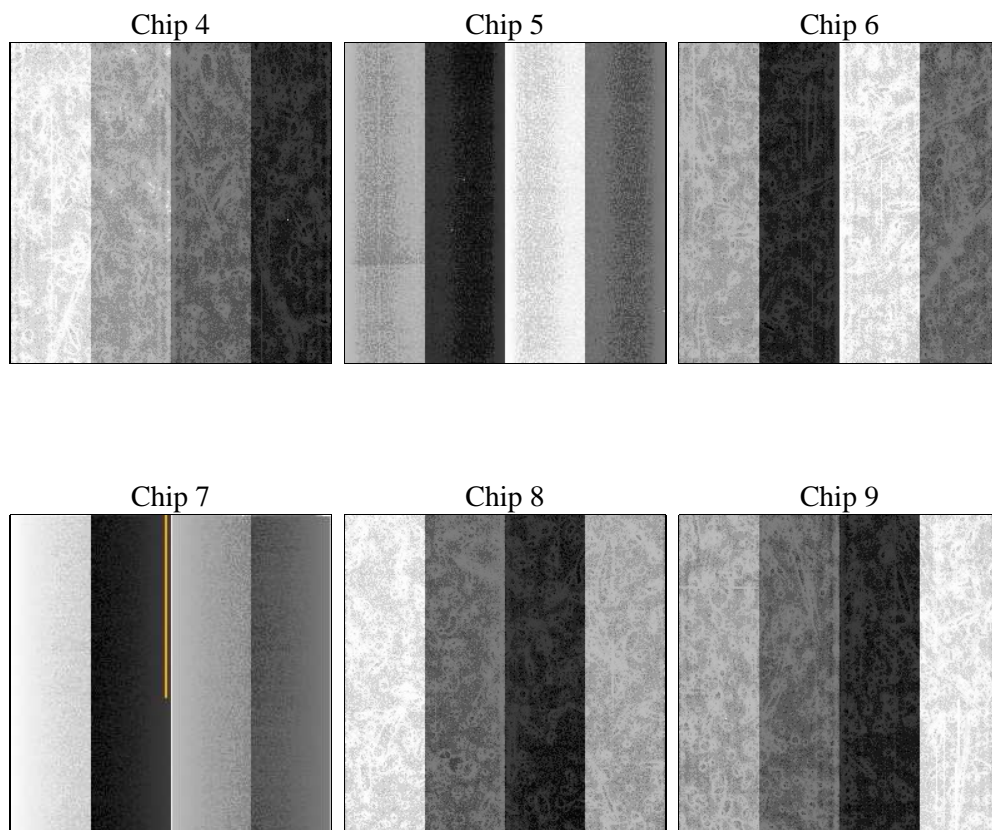
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8444.7999685407	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	3023.4729712307	Sum of GTIs [s]
date	2012-10-16T22:34:31	Date and time of file creation	ontime5	8444.7999685407	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3263.2676850855	Sum of GTIs [s]
			ontime7	8444.7999685407	Sum of GTIs [s]
			ontime8	3356.4641166627	Sum of GTIs [s]
			ontime9	3159.4320523143	Sum of GTIs [s]
			l1events	1549624	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	156122	415260	178416	444876	186845	168105	grade 0 events	78352	80714	85112	100343	88192	80250
rejected events	23111	61681	23738	45311	26580	23957		50%	19%	47%	22%	47%	47%
rejected %	14%	14%	13%	10%	14%	14%	grade 1 events	625	341	410	248	434	473
								0%	0%	0%	0%	0%	0%
							grade 2 events	20501	132326	26602	87808	28133	24270
								13%	31%	14%	19%	15%	14%
							grade 3 events	8874	20028	9647	40455	10279	9297
								5%	4%	5%	9%	5%	5%
							grade 4 events	8811	19672	9476	40128	10354	9156
								5%	4%	5%	9%	5%	5%
							grade 5 events	1425	11516	1631	8470	1893	1698
								0%	2%	0%	1%	1%	1%
							grade 6 events	16616	101573	24305	131587	23643	21506
								10%	24%	13%	29%	12%	12%
							grade 7 events	20918	49090	21233	35837	23917	21455
								13%	11%	11%	8%	12%	12%

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	110.3405355954446	Alternating exposures requested	N	N
[deg] Pointing Dec	0	55.78332085498054	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	92.57120651830124			
[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)	152180799.759232	152180798.73452			
Observation start date	2002-10-28T08:26:40	2002-10-28T08:26:38			
[s] Observation end time (MET)	152203099.660159	152203098.63545			
Observation end date	2002-10-28T14:38:20	2002-10-28T14:38:18			
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)	2012.10.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4447999685407

A.2 Comments