

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61975 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 31 2012

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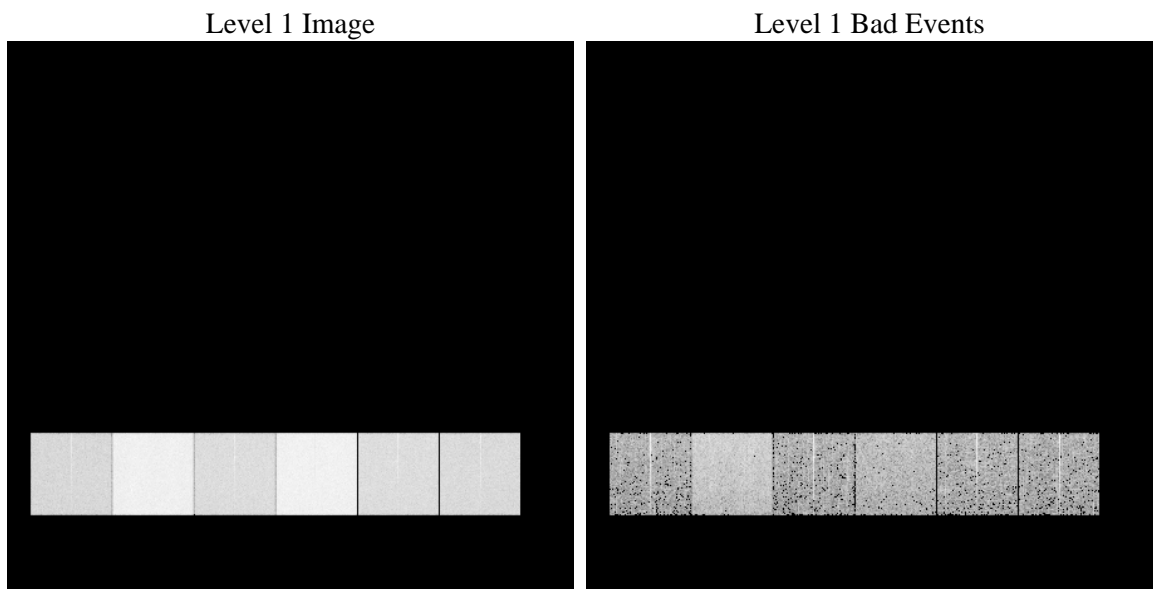
1 Front

seq_num	 	Sequence number
obs_id	61975	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	0.8123623778263	Nominal RA [deg]
dec_nom	41.846581383611	Nominal Dec [deg]
roll_nom	134.31405198599	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4787.9273309857	Sum of GTIs [s]
livetime	4727.299712177	Livetime [s]
ontime4	1986.4975542426	Sum of GTIs [s]
ontime5	5146.4024789929	Sum of GTIs [s]
ontime6	2203.6059543937	Sum of GTIs [s]
ontime7	4787.9273309857	Sum of GTIs [s]
ontime8	2232.8576536328	Sum of GTIs [s]
ontime9	2099.7697540969	Sum of GTIs [s]
l2events	1361565	Number of level 2 events

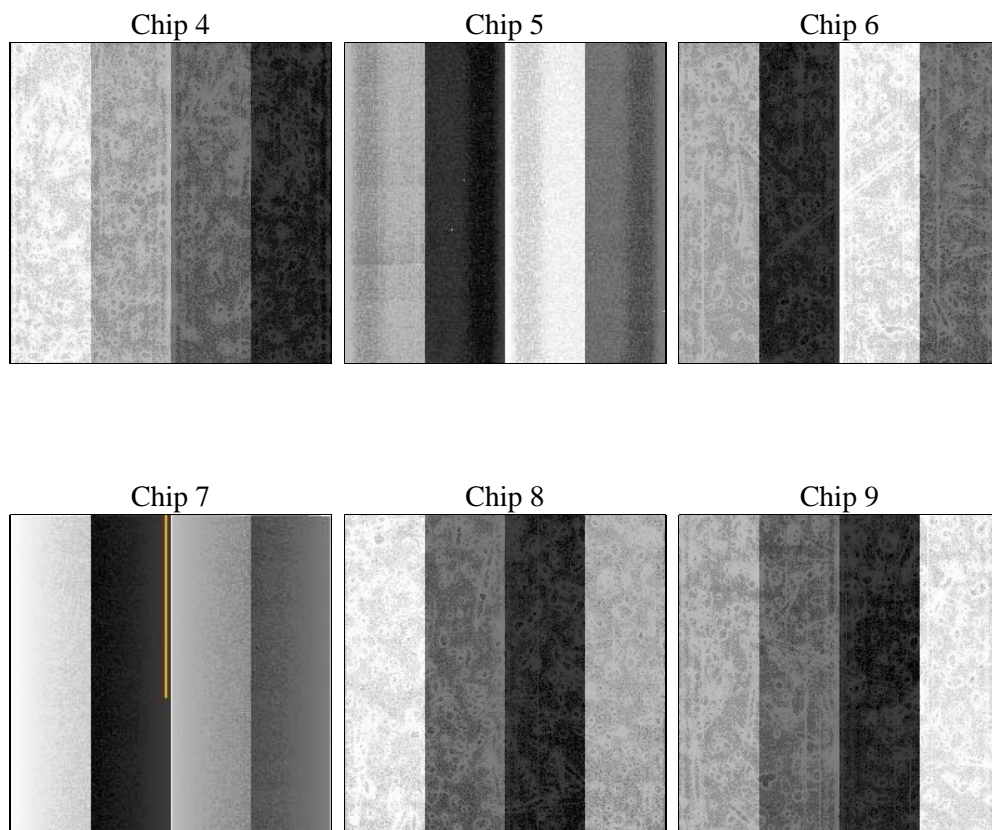
2 OBI

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	4787.9273309857	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime4	1986.4975542426	Sum of GTIs [s]
date	2012-08-31T15:59:34	Date and time of file creation	ontime5	5146.4024789929	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	2203.6059543937	Sum of GTIs [s]
			ontime7	4787.9273309857	Sum of GTIs [s]
			ontime8	2232.8576536328	Sum of GTIs [s]
			ontime9	2099.7697540969	Sum of GTIs [s]
			l1events	1556126	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	167862	393643	199567	410386	202364	182304	grade 0 events	84018	77660	99409	98873	101561	90936
rejected events	18141	40412	17945	24200	19315	17498		50%	19%	49%	24%	50%	49%
rejected %	10%	10%	8%	5%	9%	9%	grade 1 events	447	229	496	246	496	468
								0%	0%	0%	0%	0%	0%
							grade 2 events	27563	135861	31720	85520	32269	29060
								16%	34%	15%	20%	15%	15%
							grade 3 events	8884	20561	11083	39378	11245	9999
								5%	5%	5%	9%	5%	5%
							grade 4 events	8785	20254	10805	38915	11360	10061
								5%	5%	5%	9%	5%	5%
							grade 5 events	1316	8126	1462	5435	1532	1422
								0%	2%	0%	1%	0%	0%
							grade 6 events	20471	98895	28605	123762	26614	24750
								12%	25%	14%	30%	13%	13%
							grade 7 events	16378	32057	15987	18257	17287	15608
								9%	8%	8%	4%	8%	8%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	0.8123623778262952
[deg] Pointing Dec	0	41.84658138361061
[deg] Pointing Roll	0.0	134.3140519859883
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	81820672.12022901	81820671.351752
Observation start date	2000-08-04T23:57:52	2000-08-04T23:57:51
[s] Observation end time (MET)	81831182.47062001	81831181.702143
Observation end date	2000-08-05T02:53:02	2000-08-05T02:53:01
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.7879273309857

A.2 Comments