

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59727 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 21 2012

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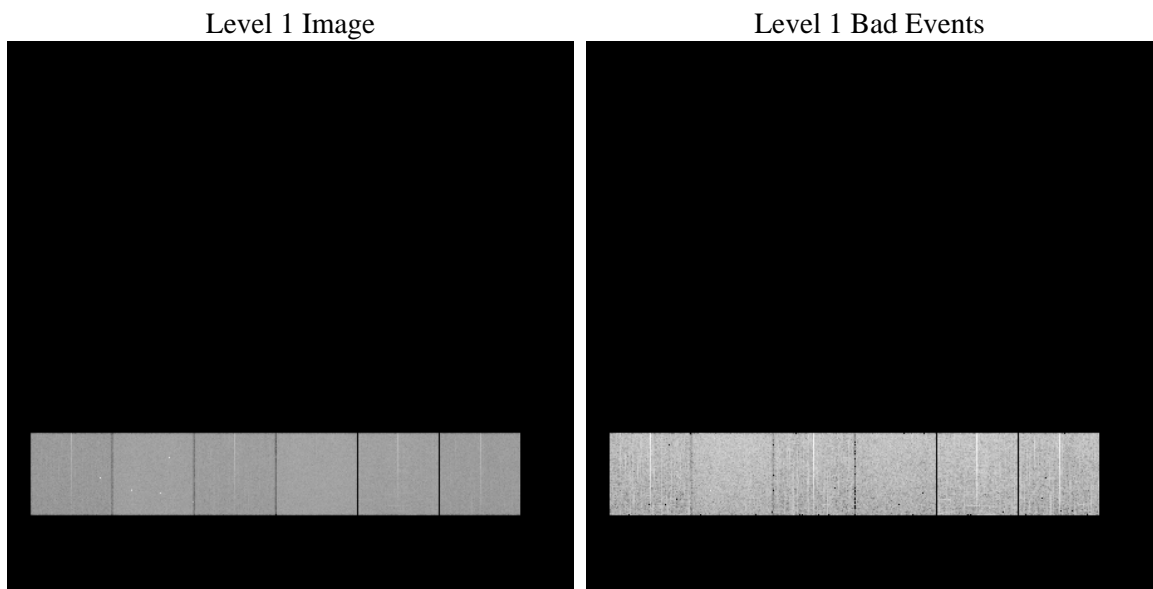
1 Front

seq_num	 	Sequence number
obs_id	59727	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	176.52509677511	Nominal RA [deg]
dec_nom	-9.1040473273257	Nominal Dec [deg]
roll_nom	319.92910454905	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7800.299898386	Sum of GTIs [s]
livetime	7701.5278042959	Livetime [s]
ontime4	6182.9336811602	Sum of GTIs [s]
ontime5	7800.2588583827	Sum of GTIs [s]
ontime6	6688.5655082166	Sum of GTIs [s]
ontime7	7800.299898386	Sum of GTIs [s]
ontime8	6963.9660812616	Sum of GTIs [s]
ontime9	6527.3932774663	Sum of GTIs [s]
l2events	1033097	Number of level 2 events

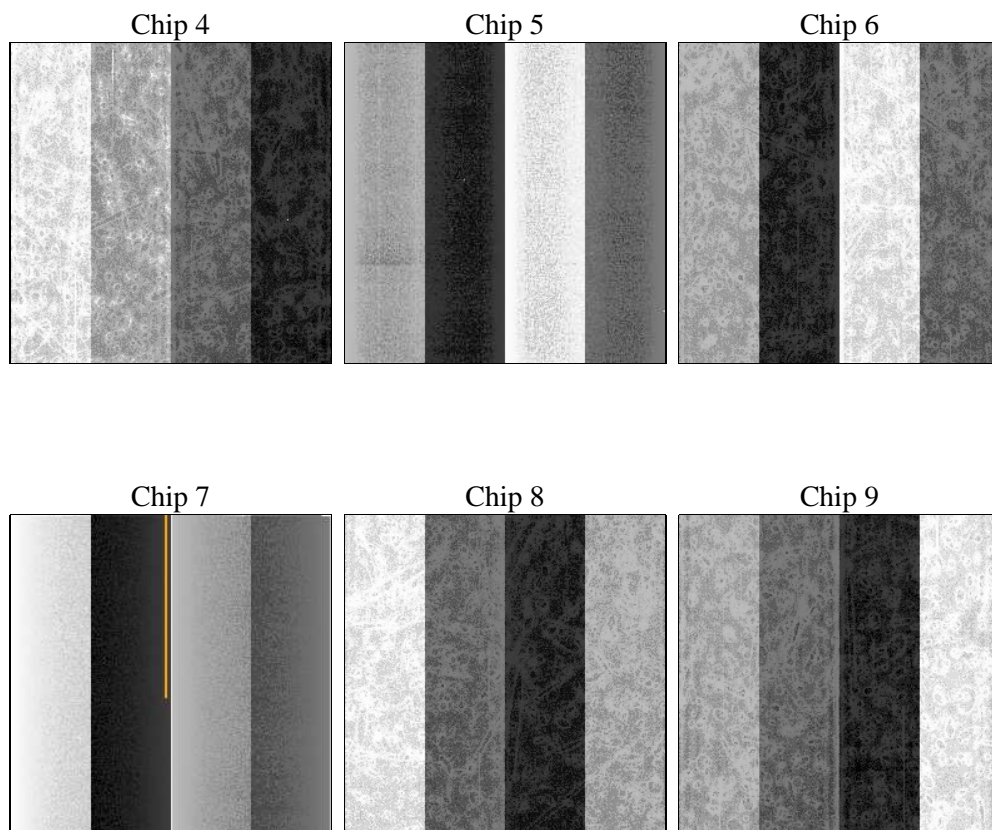
2 OBI

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	8.5.1.1	Processing system revision	ontime	7800.299898386	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	6182.9336811602	Sum of GTIs [s]
date	2012-12-21T06:54:15	Date and time of file creation	ontime5	7800.2588583827	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	6688.5655082166	Sum of GTIs [s]
			ontime7	7800.299898386	Sum of GTIs [s]
			ontime8	6963.9660812616	Sum of GTIs [s]
			ontime9	6527.3932774663	Sum of GTIs [s]
			l1events	1407257	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	199406	252708	226182	268096	246658	214207	grade 0 events	87921	43852	95301	52596	102045	90002
rejected events	48354	54181	50506	47962	57071	49554		44%	17%	42%	19%	41%	42%
rejected %	24%	21%	22%	17%	23%	23%	grade 1 events	658	193	546	187	477	532
								0%	0%	0%	0%	0%	0%
							grade 2 events	23906	70315	30403	47872	33711	28426
								11%	27%	13%	17%	13%	13%
							grade 3 events	10105	11860	10934	21993	12729	10588
								5%	4%	4%	8%	5%	4%
							grade 4 events	10056	11426	11008	22105	12365	10787
								5%	4%	4%	8%	5%	5%
							grade 5 events	2814	8255	3267	8430	3988	3301
								1%	3%	1%	3%	1%	1%
							grade 6 events	19064	61074	28030	75568	28737	24850
								9%	24%	12%	28%	11%	11%
							grade 7 events	44882	45733	46693	39345	52606	45721
								22%	18%	20%	14%	21%	21%

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	176.5250967751079	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-9.104047327325674	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	319.9291045490536			
[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)	227999302.756935	227999301.73194			
Observation start date	2005-03-23T21:08:23	2005-03-23T21:08:21			
[s] Observation end time (MET)	228037389.708664	228037388.68367			
Observation end date	2005-03-24T07:43:10	2005-03-24T07:43:08			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.800299898386

A.2 Comments