

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59283 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 17 2012

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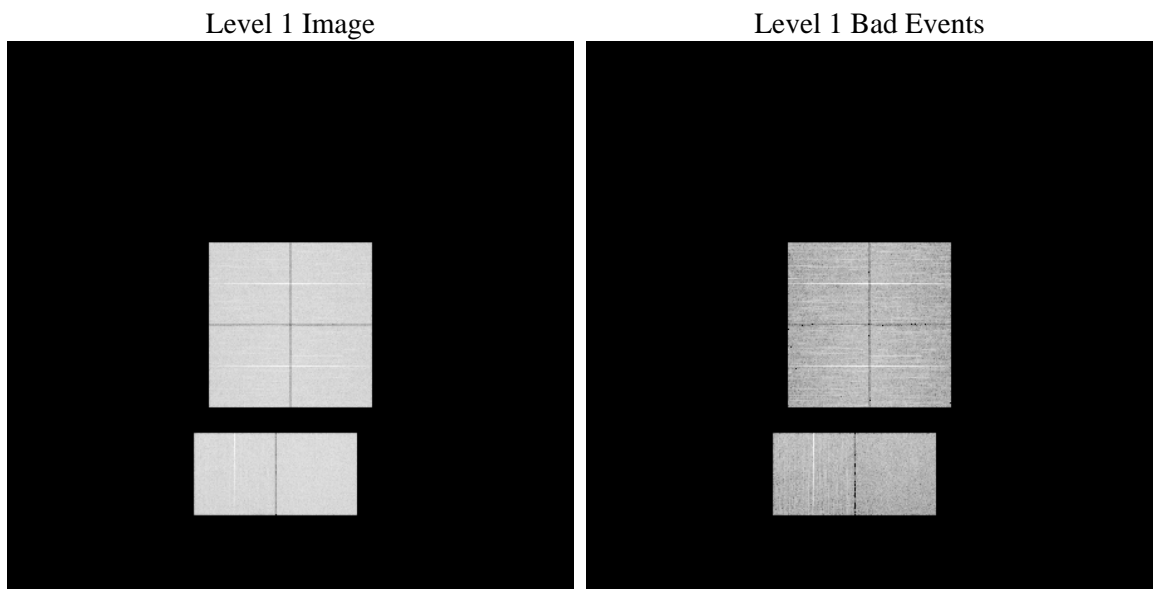
1 Front

seq_num	 	Sequence number
obs_id	59283	Observation id
title	ACIS-012367 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	65.023559701301	Nominal RA [deg]
dec_nom	-7.4834557504156	Nominal Dec [deg]
roll_nom	2.4102694676058	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8163.1999695897	Sum of GTIs [s]
livetime	8059.8326162859	Livetime [s]
ontime0	8163.1999695897	Sum of GTIs [s]
ontime1	8163.1999695897	Sum of GTIs [s]
ontime2	8163.1999695897	Sum of GTIs [s]
ontime3	8163.1999695897	Sum of GTIs [s]
ontime6	8163.1999695897	Sum of GTIs [s]
ontime7	8163.1999695897	Sum of GTIs [s]
l2events	1015107	Number of level 2 events

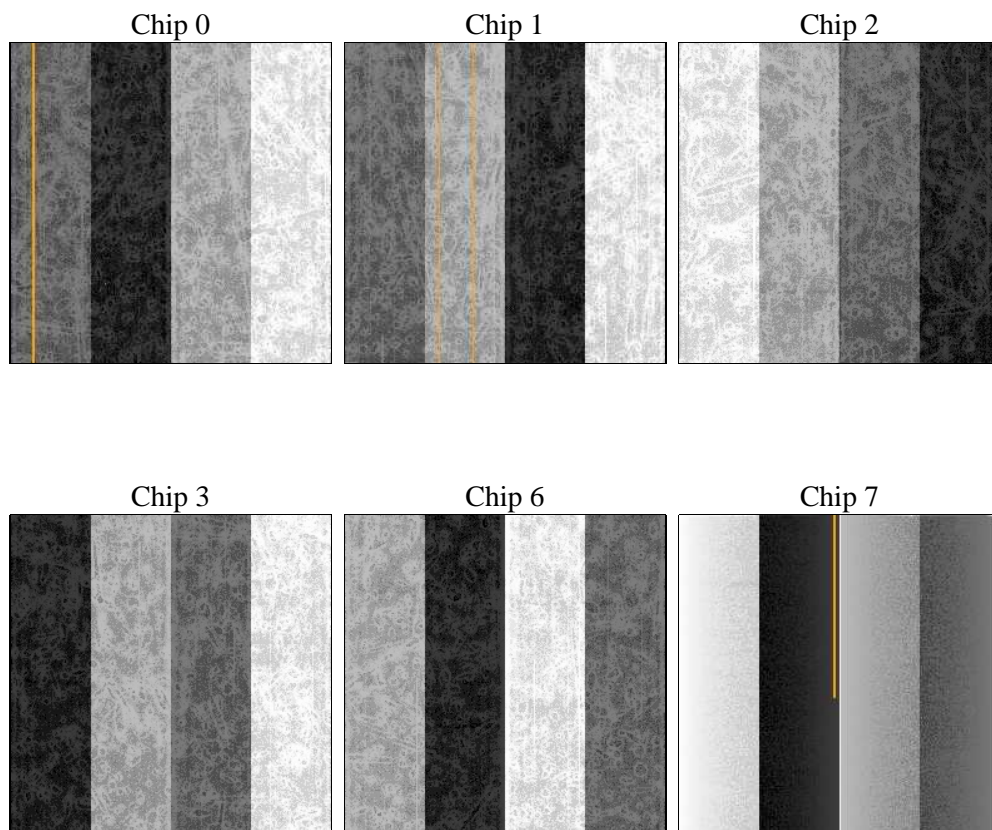
2 OBI

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	8.4.3.1	Processing system revision	ontime	8163.1999695897	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8163.1999695897	Sum of GTIs [s]
date	2012-03-17T18:02:09	Date and time of file creation	ontime1	8163.1999695897	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8163.1999695897	Sum of GTIs [s]
			ontime3	8163.1999695897	Sum of GTIs [s]
			ontime6	8163.1999695897	Sum of GTIs [s]
			ontime7	8163.1999695897	Sum of GTIs [s]
			l1events	1458821	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	235377	236709	241982	242224	246046	256483	grade 0 events	94482	94754	97589	98122	98323	46512
rejected events	64665	65066	69043	68556	66235	56662		40%	40%	40%	40%	39%	18%
rejected %	27%	27%	28%	28%	26%	22%	grade 1 events	579	511	702	632	563	174
								0%	0%	0%	0%	0%	0%
							grade 2 events	30262	31009	29745	30076	31734	44337
								12%	13%	12%	12%	12%	17%
							grade 3 events	11368	11258	11503	11570	11355	19919
								4%	4%	4%	4%	4%	7%
							grade 4 events	11280	11176	11574	11616	11503	19678
								4%	4%	4%	4%	4%	7%
							grade 5 events	3554	3766	3485	4141	3944	9432
								1%	1%	1%	1%	1%	3%
							grade 6 events	25635	25770	24939	24690	29391	72141
								10%	10%	10%	10%	11%	28%
							grade 7 events	58217	58465	62445	61377	59233	44290
								24%	24%	25%	25%	24%	17%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	65.02355970130137	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-7.483455750415608	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	2.410269467605831			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	249513731.892146	249513730.8671			
Observation start date	2005-11-27T21:22:12	2005-11-27T21:22:10			
[s] Observation end time (MET)	249536695.993208	249536694.96816			
Observation end date	2005-11-28T03:44:56	2005-11-28T03:44:54			
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)	2012.03.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1631999695897

A.2 Comments