

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 59795 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 17 2012

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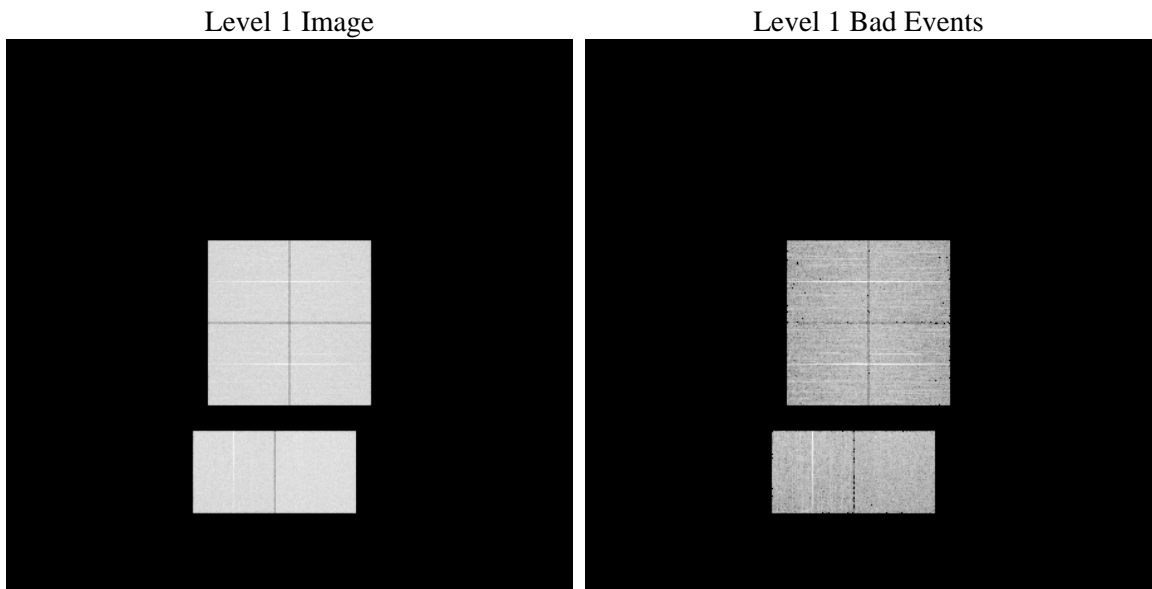
1 Front

seq_num	 	Sequence number
obs_id	59795	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	145.02842200987	Nominal RA [deg]
dec_nom	2.9990121716679	Nominal Dec [deg]
roll_nom	324.28587995223	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8265.5999692082	Sum of GTIs [s]
livetime	8160.9359654513	Livetime [s]
ontime0	7345.1629461944	Sum of GTIs [s]
ontime1	7507.2120394111	Sum of GTIs [s]
ontime2	7140.9814974666	Sum of GTIs [s]
ontime3	7196.0781829655	Sum of GTIs [s]
ontime6	7760.0081527233	Sum of GTIs [s]
ontime7	8265.5999692082	Sum of GTIs [s]
l2events	1124302	Number of level 2 events

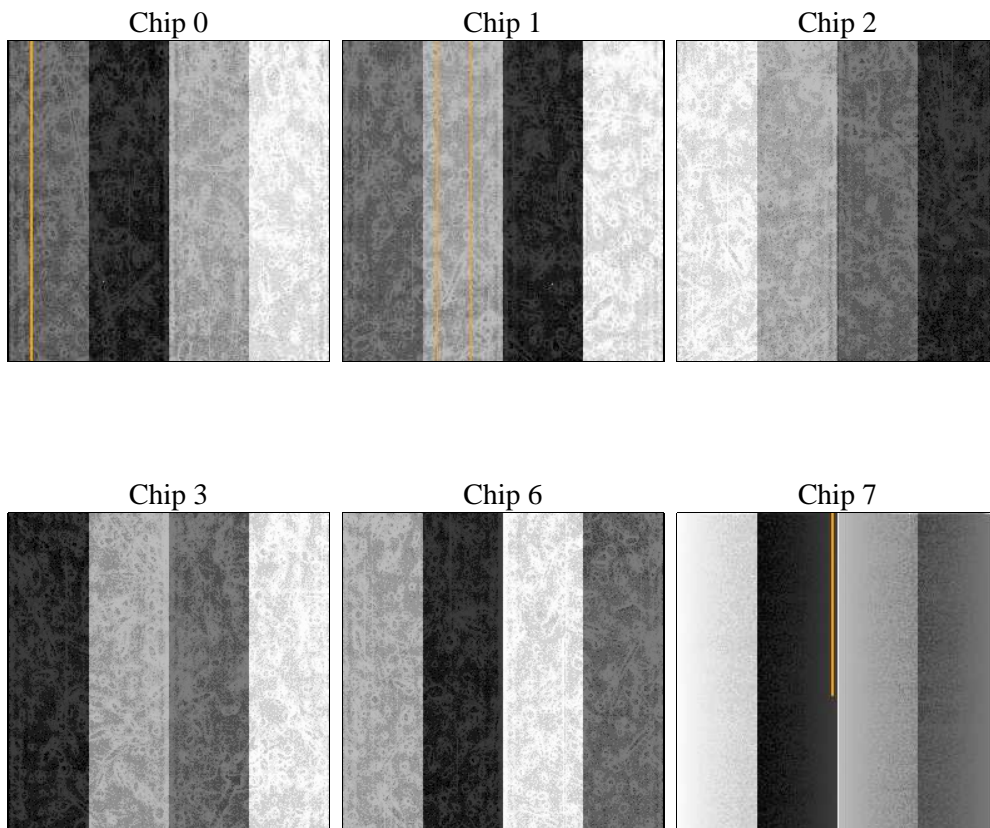
2 OBI

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	Processing system revision	ontime	8265.5999692082	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	7345.1629461944	Sum of GTIs [s]
date	2012-12-17T19:18:39	Date and time of file creation	ontime1	7507.2120394111	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7140.9814974666	Sum of GTIs [s]
			ontime3	7196.0781829655	Sum of GTIs [s]
			ontime6	7760.0081527233	Sum of GTIs [s]
			ontime7	8265.5999692082	Sum of GTIs [s]
			l1events	1493520	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	235930	241806	233984	237982	260615	283203	grade 0 events	102552	104722	102586	103844	111949	55191
rejected events	50478	51082	51252	53751	54949	50346		43%	43%	43%	43%	42%	19%
rejected %	21%	21%	21%	22%	21%	17%	grade 1 events	571	505	635	634	592	168
								0%	0%	0%	0%	0%	0%
							grade 2 events	32238	34095	30762	31285	35756	51061
								13%	14%	13%	13%	13%	18%
							grade 3 events	12021	12100	12300	11994	12874	23213
								5%	5%	5%	5%	4%	8%
							grade 4 events	11989	12037	12021	12194	12921	23254
								5%	4%	5%	5%	4%	8%
							grade 5 events	3144	3256	2984	3385	3508	8903
								1%	1%	1%	1%	1%	3%
							grade 6 events	27156	28140	25589	25423	32712	80745
								11%	11%	10%	10%	12%	28%
							grade 7 events	46259	46951	47107	49223	50303	40668
								19%	19%	20%	20%	19%	14%

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	145.0284220098713	Alternating exposures requested	N	N
[deg] Pointing Dec	0	2.999012171667897	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	324.2858799522303			
[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)	225065069.973971	225065068.94897			
Observation start date	2005-02-17T22:04:30	2005-02-17T22:04:28			
[s] Observation end time (MET)	225087505.174986	225087504.14999			
Observation end date	2005-02-18T04:18:25	2005-02-18T04:18:24			
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)	2013.01.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2655999692082

A.2 Comments