

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59362 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 31 2012

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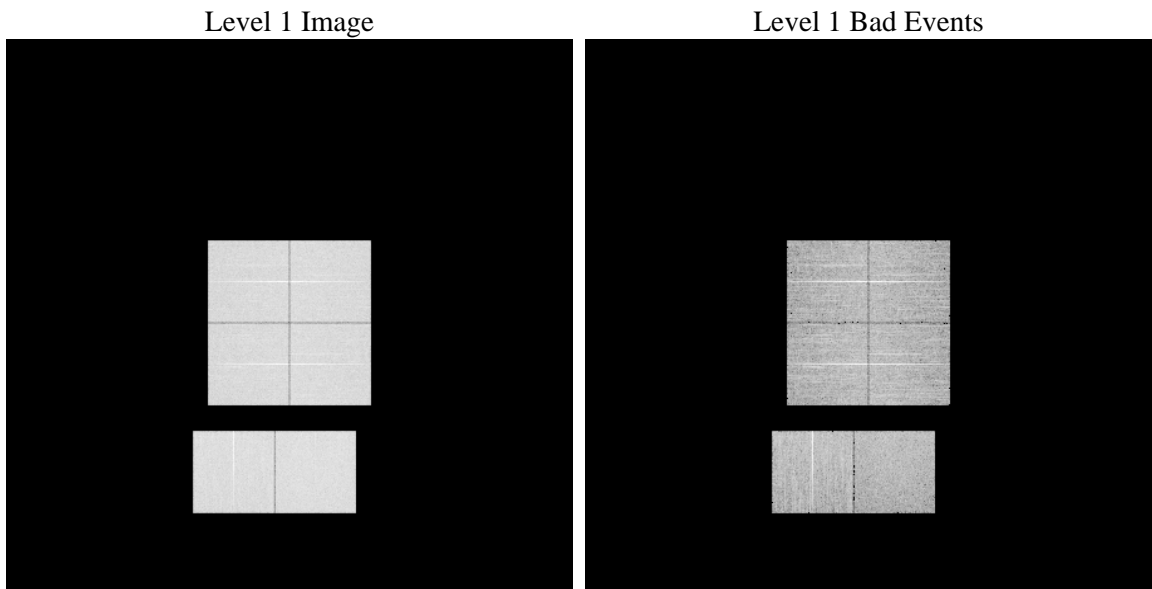
1 Front

seq_num	 	Sequence number
obs_id	59362	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	21.979847307209	Nominal RA [deg]
dec_nom	39.97593580904	Nominal Dec [deg]
roll_nom	204.37119510594	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7798.3999709487	Sum of GTIs [s]
livetime	7699.6519348838	Livetime [s]
ontime0	7377.0732632577	Sum of GTIs [s]
ontime1	7565.0498193502	Sum of GTIs [s]
ontime2	7253.9166207612	Sum of GTIs [s]
ontime3	7441.8929680288	Sum of GTIs [s]
ontime6	7704.4117818475	Sum of GTIs [s]
ontime7	7798.3999709487	Sum of GTIs [s]
l2events	1011092	Number of level 2 events

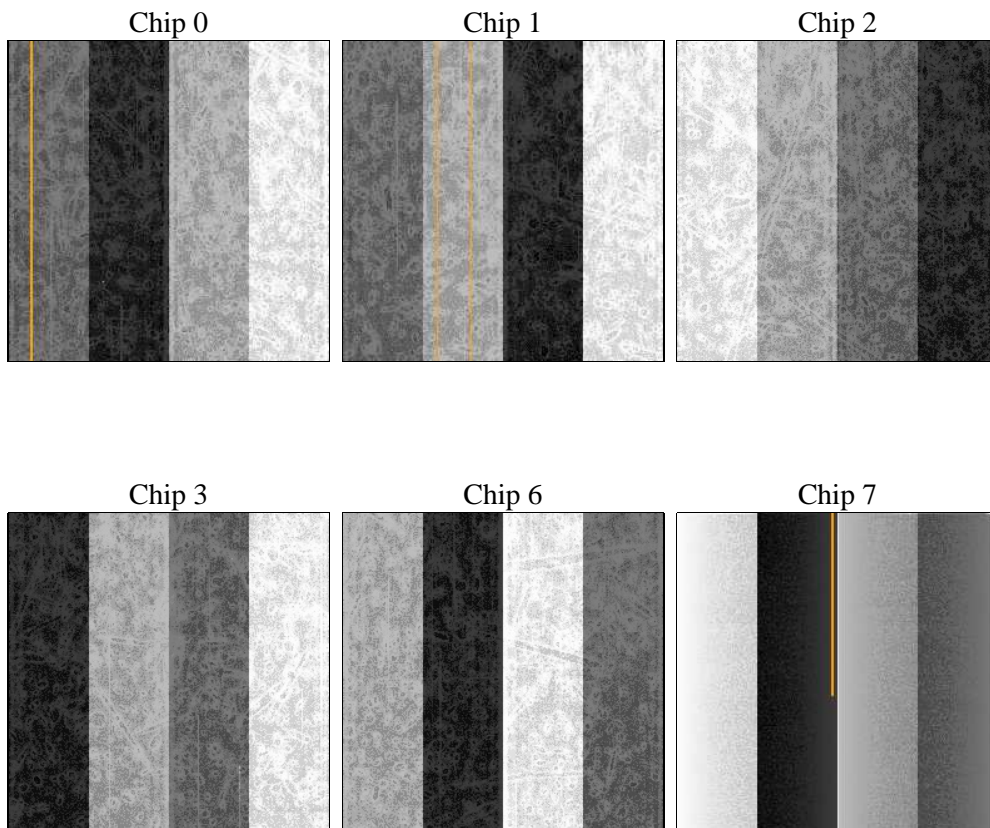
2 OBI

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	8.5.1.1	Processing system revision	ontime	7798.3999709487	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	7377.0732632577	Sum of GTIs [s]
date	2012-12-31T04:39:26	Date and time of file creation	ontime1	7565.0498193502	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7253.9166207612	Sum of GTIs [s]
			ontime3	7441.8929680288	Sum of GTIs [s]
			ontime6	7704.4117818475	Sum of GTIs [s]
			ontime7	7798.3999709487	Sum of GTIs [s]
			l1events	1401315	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	220860	226097	223608	229144	246611	254995	grade 0 events	91168	93290	91876	95231	98296	47868
rejected events	53726	53134	58111	57795	63296	51997		41%	41%	41%	41%	39%	18%
rejected %	24%	23%	25%	25%	25%	20%	grade 1 events	551	530	636	635	499	166
								0%	0%	0%	0%	0%	0%
							grade 2 events	29426	31345	27775	29204	32149	44426
								13%	13%	12%	12%	13%	17%
							grade 3 events	10672	10990	10893	11318	11521	19921
								4%	4%	4%	4%	4%	7%
							grade 4 events	10671	10946	10848	11285	11428	19644
								4%	4%	4%	4%	4%	7%
							grade 5 events	3139	3407	3054	3617	3764	9105
								1%	1%	1%	1%	1%	3%
							grade 6 events	25197	26392	24180	24311	29994	71139
								11%	11%	10%	10%	12%	27%
							grade 7 events	50036	49197	54346	53543	58960	42726
								22%	21%	24%	23%	23%	16%

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	21.9798473072085	Alternating exposures requested	N	N
[deg] Pointing Dec	0	39.97593580904041	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	204.3711951059375			
[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)	246961723.674312	246961722.64931			
Observation start date	2005-10-29T08:28:44	2005-10-29T08:28:42			
[s] Observation end time (MET)	246978113.425068	246978112.40006			
Observation end date	2005-10-29T13:01:53	2005-10-29T13:01:52			
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)	2013.01.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7983999709487

A.2 Comments