

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59365 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 30 2012

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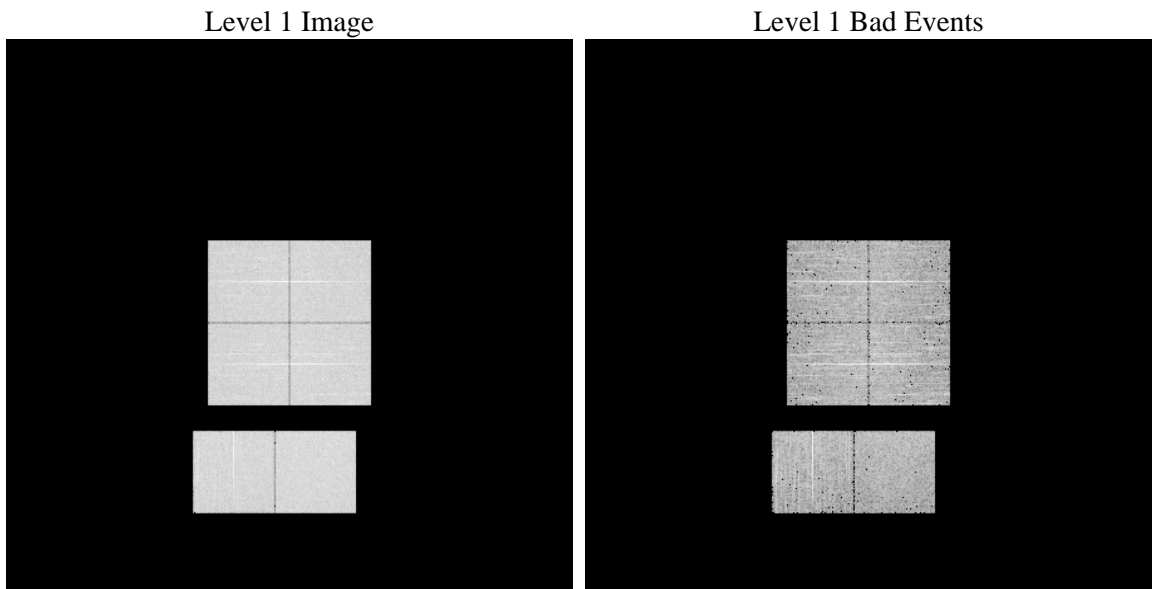
1 Front

seq_num	 	Sequence number
obs_id	59365	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	45.013834138543	Nominal RA [deg]
dec_nom	-13.971858639904	Nominal Dec [deg]
roll_nom	27.19677857063	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4460.7999833822	Sum of GTIs [s]
livetime	4404.3146480214	Livetime [s]
ontime0	4460.7999833822	Sum of GTIs [s]
ontime1	4460.7999833822	Sum of GTIs [s]
ontime2	4460.7999833822	Sum of GTIs [s]
ontime3	4460.7999833822	Sum of GTIs [s]
ontime6	4460.7999833822	Sum of GTIs [s]
ontime7	4460.7999833822	Sum of GTIs [s]
l2events	566953	Number of level 2 events

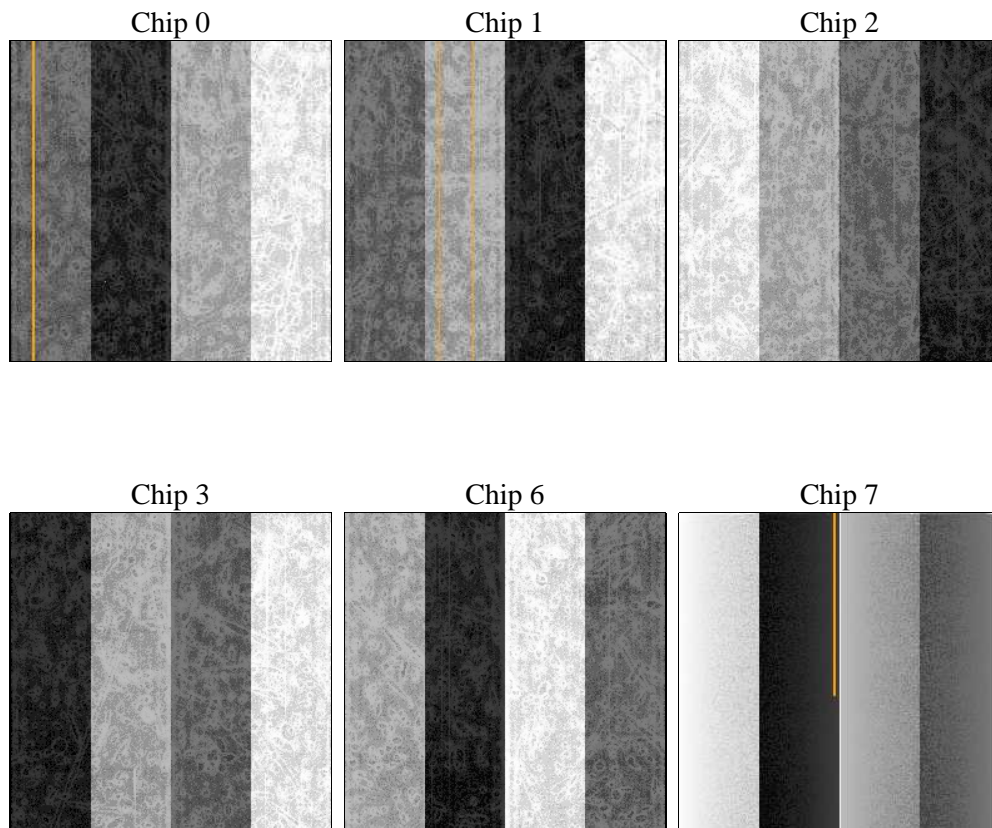
2 OBI

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	4460.7999833822	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	4460.7999833822	Sum of GTIs [s]
date	2012-12-31T03:31:13	Date and time of file creation	ontime1	4460.7999833822	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4460.7999833822	Sum of GTIs [s]
			ontime3	4460.7999833822	Sum of GTIs [s]
			ontime6	4460.7999833822	Sum of GTIs [s]
			ontime7	4460.7999833822	Sum of GTIs [s]
			l1events	802498	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	129244	129051	132693	134332	136074	141104	grade 0 events	53367	53147	55070	55264	55148	25980
rejected events	33429	32746	35978	36971	35978	30823		41%	41%	41%	41%	40%	18%
rejected %	25%	25%	27%	27%	26%	21%	grade 1 events	346	274	398	347	267	107
								0%	0%	0%	0%	0%	0%
							grade 2 events	17095	17713	16510	17092	17534	24689
								13%	13%	12%	12%	12%	17%
							grade 3 events	6421	6320	6408	6602	6343	11030
								4%	4%	4%	4%	4%	7%
							grade 4 events	6366	6319	6376	6483	6412	10880
								4%	4%	4%	4%	4%	7%
							grade 5 events	1906	1942	1840	2027	2124	4947
								1%	1%	1%	1%	1%	3%
							grade 6 events	14248	14454	14057	13734	16430	39675
								11%	11%	10%	10%	12%	28%
							grade 7 events	29495	28882	32034	32783	31816	23796
								22%	22%	24%	24%	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	45.01383413854307	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-13.97185863990397	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	27.1967785706303			
[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)	246769204.065441	246769203.04044			
Observation start date	2005-10-27T03:00:04	2005-10-27T03:00:03			
[s] Observation end time (MET)	246789259.216366	246789258.19136			
Observation end date	2005-10-27T08:34:19	2005-10-27T08:34:18			
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	4.4607999833822

A.2 Comments