

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58303 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 28 2012

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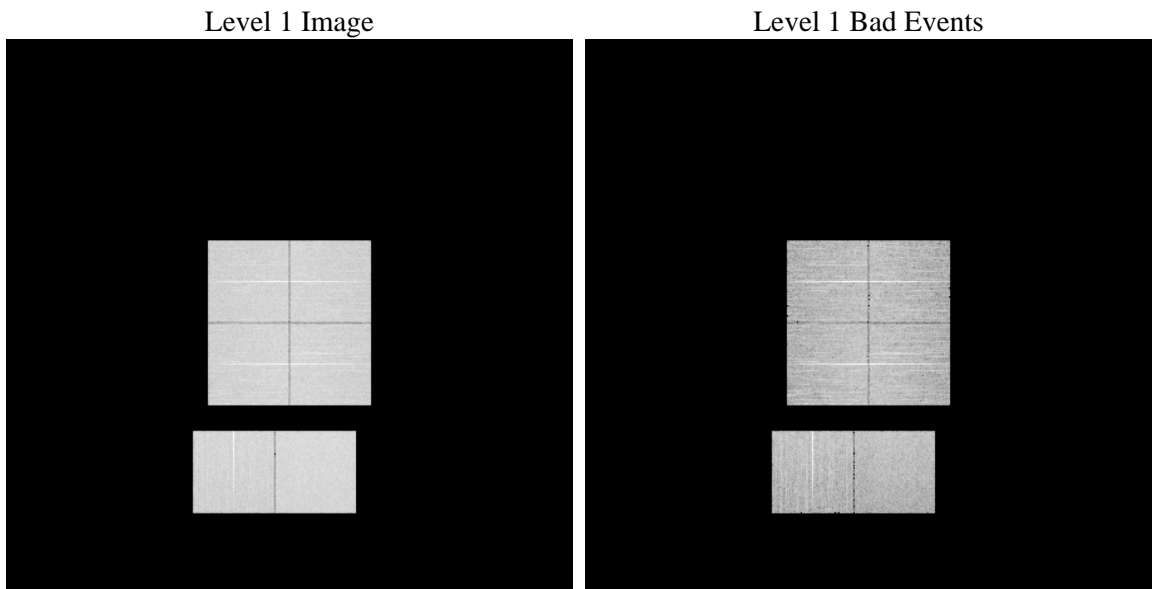
1 Front

seq_num	 	Sequence number
obs_id	58303	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	351.98740028883	Nominal RA [deg]
dec_nom	-40.972915615264	Nominal Dec [deg]
roll_nom	76.493819556172	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7791.9573183656	Sum of GTIs [s]
livetime	7693.290863047	Livetime [s]
ontime0	7791.9162783623	Sum of GTIs [s]
ontime1	7791.875238359	Sum of GTIs [s]
ontime2	7791.8341983557	Sum of GTIs [s]
ontime3	7791.9983583689	Sum of GTIs [s]
ontime6	7791.7931583524	Sum of GTIs [s]
ontime7	7791.9573183656	Sum of GTIs [s]
l2events	670916	Number of level 2 events

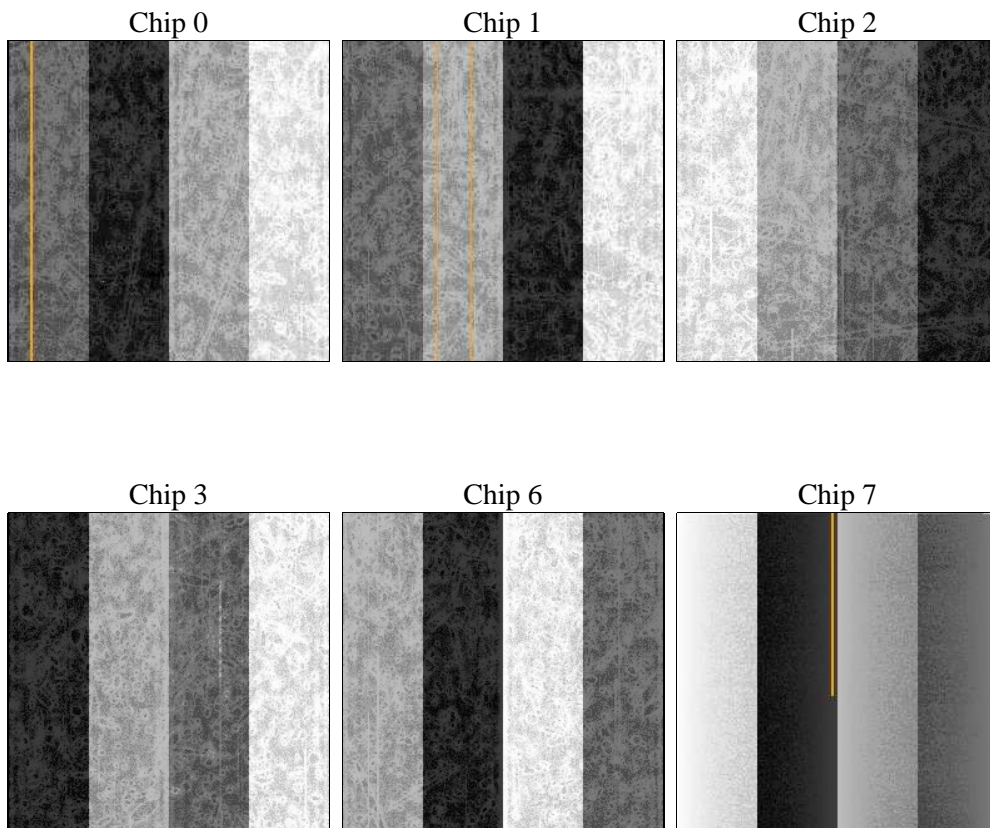
2 OBI

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	8.4.4	Processing system revision	ontime	7791.9573183656	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7791.9162783623	Sum of GTIs [s]
date	2012-04-28T16:26:18	Date and time of file creation	ontime1	7791.875238359	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7791.8341983557	Sum of GTIs [s]
			ontime3	7791.9983583689	Sum of GTIs [s]
			ontime6	7791.7931583524	Sum of GTIs [s]
			ontime7	7791.9573183656	Sum of GTIs [s]
			l1events	1120407	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	178276	177531	186095	185734	186142	206629	grade 0 events	59759	60065	61189	62166	62111	30455
rejected events	67697	65683	74547	73193	70184	61665		33%	33%	32%	33%	33%	14%
rejected %	37%	36%	40%	39%	37%	29%	grade 1 events	410	369	512	440	411	146
								0%	0%	0%	0%	0%	0%
							grade 2 events	19802	20309	19312	19380	20193	31706
								11%	11%	10%	10%	10%	15%
							grade 3 events	7418	7424	7547	7487	7564	14157
								4%	4%	4%	4%	4%	6%
							grade 4 events	7219	7188	7500	7603	7425	13881
								4%	4%	4%	4%	3%	6%
							grade 5 events	3700	3910	3503	4153	4194	10210
								2%	2%	1%	2%	2%	4%
							grade 6 events	16423	16914	16048	15973	18709	54827
								9%	9%	8%	8%	10%	26%
							grade 7 events	63545	61352	70484	68532	65535	51247
								35%	34%	37%	36%	35%	24%

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	351.987400288826	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-40.97291561526439	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	76.49381955617177			
[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)	301791516.203104	301791515.17811			
Observation start date	2007-07-25T22:58:36	2007-07-25T22:58:35			
[s] Observation end time (MET)	301816684.05431	301816683.02932			
Observation end date	2007-07-26T05:58:04	2007-07-26T05:58:03			
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)	2012.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7919573183656

A.2 Comments