

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 54695 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 17 2012

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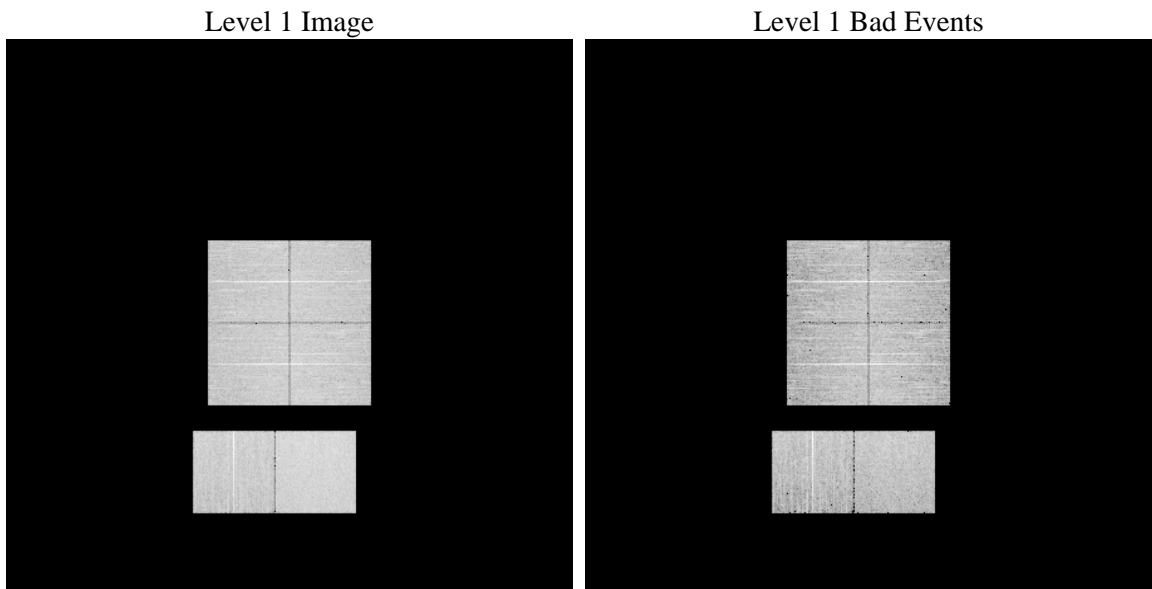
1 Front

seq_num	 	Sequence number
obs_id	54695	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	229.99506050035	Nominal RA [deg]
dec_nom	-22.971620777001	Nominal Dec [deg]
roll_nom	66.16687978966	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8281.5999692082	Sum of GTIs [s]
livetime	8176.7333638173	Livetime [s]
ontime0	8281.5999692082	Sum of GTIs [s]
ontime1	8281.5999692082	Sum of GTIs [s]
ontime2	8281.5999692082	Sum of GTIs [s]
ontime3	8281.5999692082	Sum of GTIs [s]
ontime6	8281.5999692082	Sum of GTIs [s]
ontime7	8281.5999692082	Sum of GTIs [s]
l2events	266090	Number of level 2 events

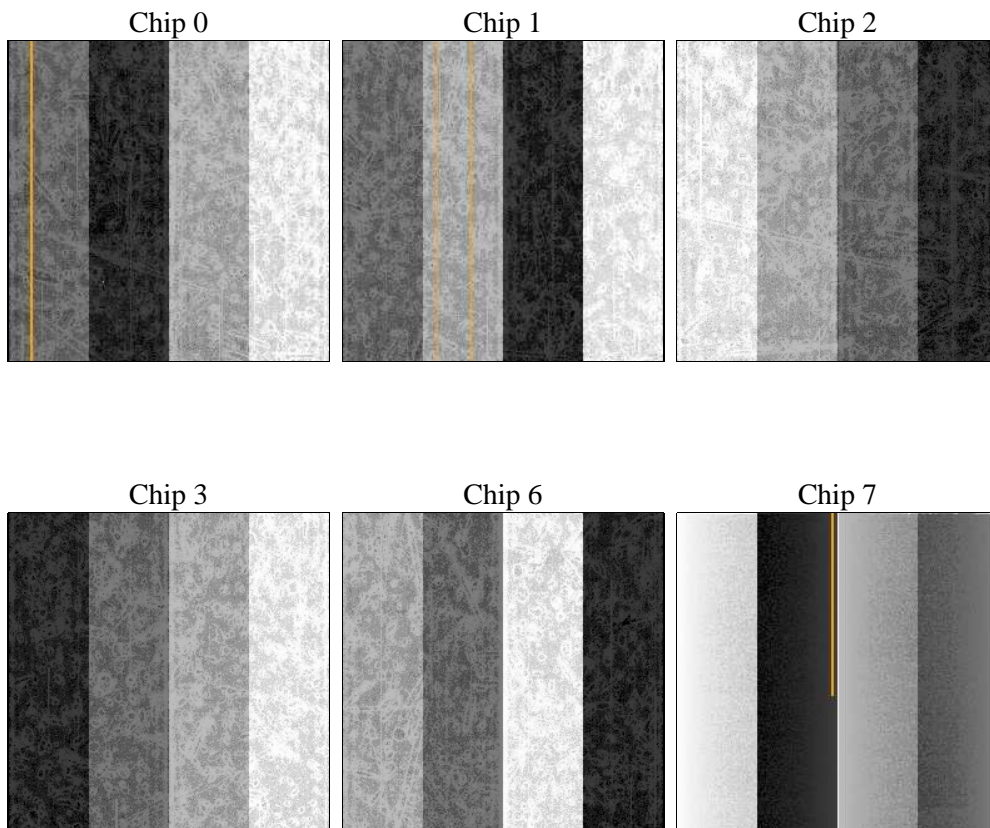
2 OBI

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	8281.5999692082	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8281.5999692082	Sum of GTIs [s]
date	2012-04-17T21:16:16	Date and time of file creation	ontime1	8281.5999692082	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8281.5999692082	Sum of GTIs [s]
			ontime3	8281.5999692082	Sum of GTIs [s]
			ontime6	8281.5999692082	Sum of GTIs [s]
			ontime7	8281.5999692082	Sum of GTIs [s]
			l1events	615458	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	95601	94358	95073	100495	100572	129359	grade 0 events	21470	20035	22613	22335	20377	10499
rejected events	53517	51953	53225	58683	56802	59610		22%	21%	23%	22%	20%	8%
rejected %	55%	55%	55%	58%	56%	46%	grade 1 events	126	88	127	152	95	117
								0%	0%	0%	0%	0%	0%
							grade 2 events	8226	9753	7371	7409	10134	15650
								8%	10%	7%	7%	10%	12%
							grade 3 events	2825	2658	2749	2891	2636	5785
								2%	2%	2%	2%	2%	4%
							grade 4 events	2733	2662	2838	2779	2643	5588
								2%	2%	2%	2%	2%	4%
							grade 5 events	3156	3215	2986	3586	3219	8463
								3%	3%	3%	3%	3%	6%
							grade 6 events	6845	7309	6293	6412	7996	32263
								7%	7%	6%	6%	7%	24%
							grade 7 events	50220	48638	50096	54931	53472	50994
								52%	51%	52%	54%	53%	39%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	229.9950605003478	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-22.97162077700102	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	66.16687978965993	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	451028088.661438	451028087.63644			
Observation start date	2012-04-17T05:34:49	2012-04-17T05:34:47			
[s] Observation end time (MET)	451038268.961979	451038267.93698			
Observation end date	2012-04-17T08:24:29	2012-04-17T08:24:27			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2815999692082

A.2 Comments