

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55238 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 19 2012

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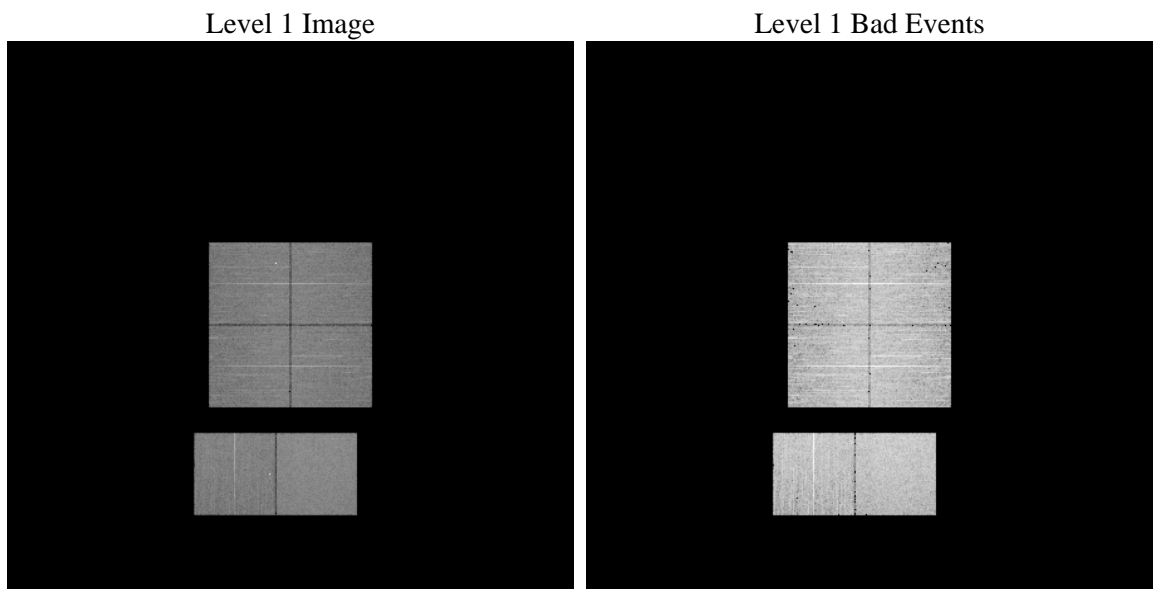
1 Front

seq_num	 	Sequence number
obs_id	55238	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	306.00542509262	Nominal RA [deg]
dec_nom	-4.0283176894916	Nominal Dec [deg]
roll_nom	247.8552011401	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8287.351914525	Sum of GTIs [s]
livetime	8182.4124745391	Livetime [s]
ontime0	8287.3519145846	Sum of GTIs [s]
ontime1	8287.3519145846	Sum of GTIs [s]
ontime2	8287.7057537436	Sum of GTIs [s]
ontime3	8287.3519145846	Sum of GTIs [s]
ontime6	8287.6647137403	Sum of GTIs [s]
ontime7	8287.351914525	Sum of GTIs [s]
l2events	300914	Number of level 2 events

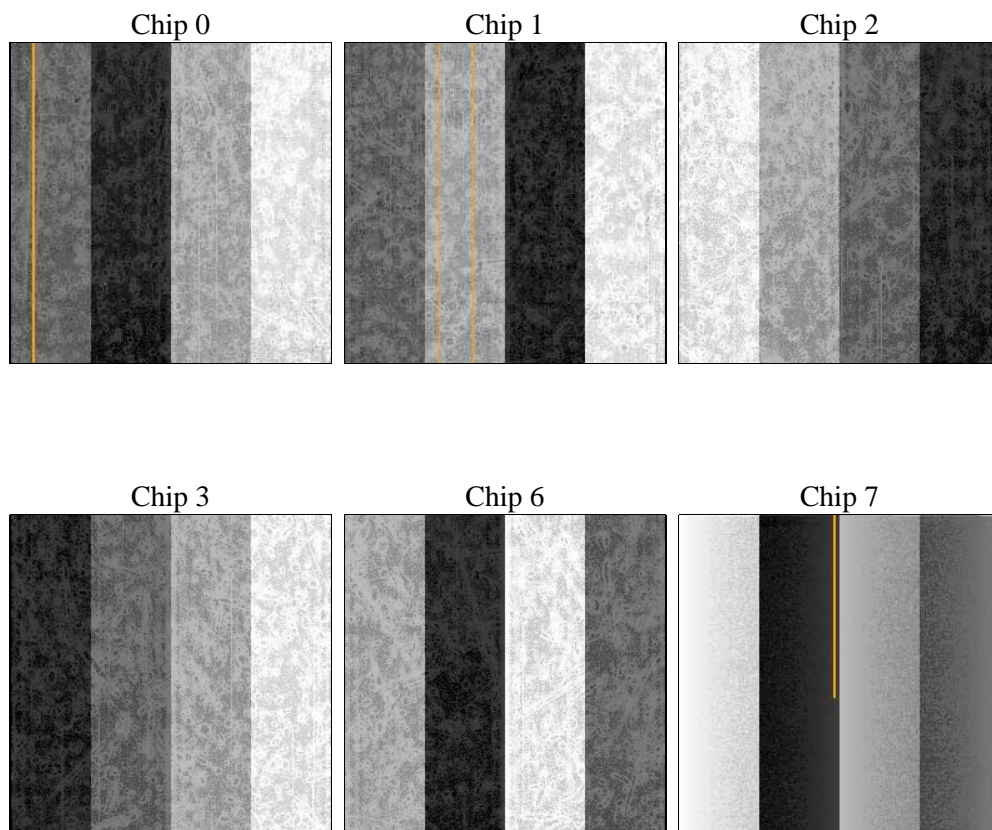
2 OBI

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	8.4.3	Processing system revision	ontime	8287.351914525	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8287.3519145846	Sum of GTIs [s]
date	2012-02-20T03:59:26	Date and time of file creation	ontime1	8287.3519145846	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8287.7057537436	Sum of GTIs [s]
			ontime3	8287.3519145846	Sum of GTIs [s]
			ontime6	8287.6647137403	Sum of GTIs [s]
			ontime7	8287.351914525	Sum of GTIs [s]
			l1events	661220	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	104609	101804	103166	105244	109314	137083	grade 0 events	24679	23820	25568	25990	24995	12903
rejected events	54506	53539	55738	56916	57380	59963		23%	23%	24%	24%	22%	9%
rejected %	52%	52%	54%	54%	52%	43%	grade 1 events	144	106	177	149	130	113
								0%	0%	0%	0%	0%	0%
							grade 2 events	11458	10090	8145	8403	11910	17076
								10%	9%	7%	7%	10%	12%
							grade 3 events	3264	3170	3343	3284	3181	6572
								3%	3%	3%	3%	2%	4%
							grade 4 events	3147	3180	3303	3330	3089	6604
								3%	3%	3%	3%	2%	4%
							grade 5 events	3388	3299	3162	3689	3605	8911
								3%	3%	3%	3%	3%	6%
							grade 6 events	7555	8005	7085	7321	8790	33965
								7%	7%	6%	6%	8%	24%
							grade 7 events	50974	50134	52383	53078	53614	50939
								48%	49%	50%	50%	49%	37%

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	306.0054250926249	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-4.028317689491628	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	247.8552011400959	[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	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	430201838.475525	430201837.4505			
Observation start date	2011-08-20T04:30:38	2011-08-20T04:30:37			
[s] Observation end time (MET)	430233312.127178	430233311.10215			
Observation end date	2011-08-20T13:15:12	2011-08-20T13:15:11			
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)	2012.02.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.287351914525

A.2 Comments