

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55585 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

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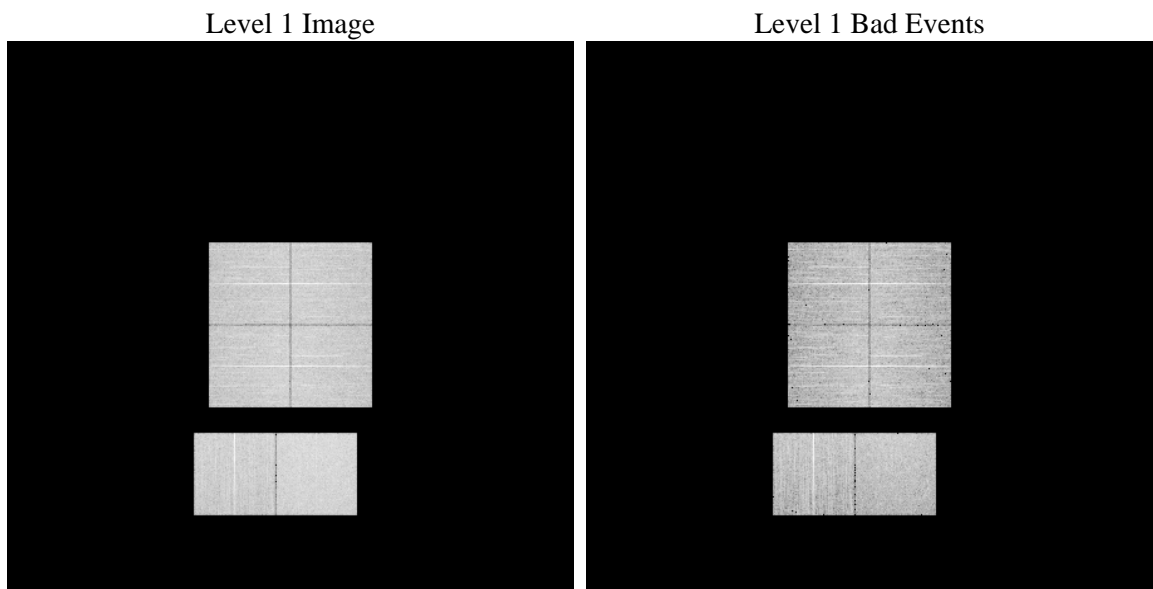
1 Front

seq_num	 	Sequence number
obs_id	55585	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	190.96836062169	Nominal RA [deg]
dec_nom	25.494701695903	Nominal Dec [deg]
roll_nom	148.11324522898	Nominal Roll [deg]
revision	2	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	322044	Number of level 2 events

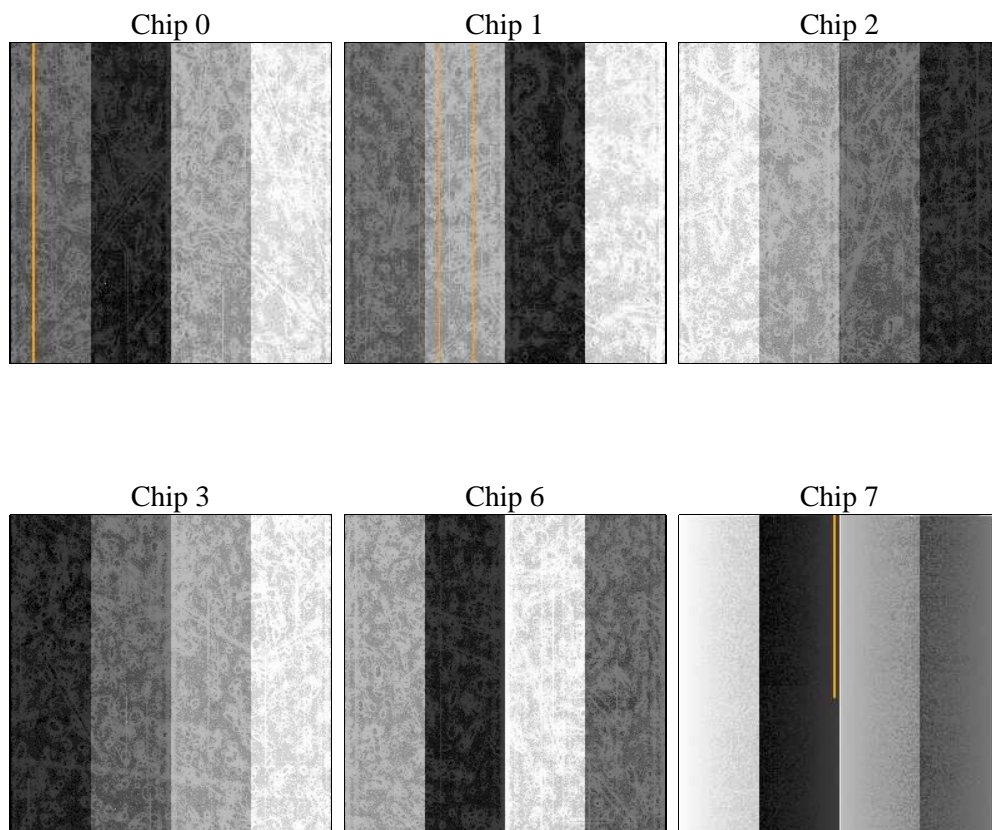
2 OBI

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	8281.5999692082	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	8281.5999692082	Sum of GTIs [s]
date	2012-02-06T10:11:33	Date and time of file creation	ontime1	8281.5999692082	Sum of GTIs [s]
revision	2	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	699230	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	106522	108530	112360	112201	115865	143752	grade 0 events	27368	26106	27724	27828	26792	13448
rejected events	54859	56680	60946	60974	63073	62040		25%	24%	24%	24%	23%	9%
rejected %	51%	52%	54%	54%	54%	43%	grade 1 events	199	150	208	193	160	104
								0%	0%	0%	0%	0%	0%
							grade 2 events	9390	10686	8961	8863	10184	18149
								8%	9%	7%	7%	8%	12%
							grade 3 events	3525	3343	3613	3540	3387	7187
								3%	3%	3%	3%	2%	4%
							grade 4 events	3395	3383	3540	3555	3359	6982
								3%	3%	3%	3%	2%	4%
							grade 5 events	3407	3503	3408	3816	3557	9236
								3%	3%	3%	3%	3%	6%
							grade 6 events	8009	8361	7598	7460	9095	35987
								7%	7%	6%	6%	7%	25%
							grade 7 events	51229	52998	57308	56946	59331	52659
								48%	48%	51%	50%	51%	36%

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	190.9683606216923	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	25.49470169590303	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	148.1132452289806	[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)	416753932.447771	416753931.42277			
Observation start date	2011-03-17T12:58:52	2011-03-17T12:58:51			
[s] Observation end time (MET)	416766554.298425	416766553.27343			
Observation end date	2011-03-17T16:29:14	2011-03-17T16:29:13			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2815999692082

A.2 Comments