

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58821 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 7 2012

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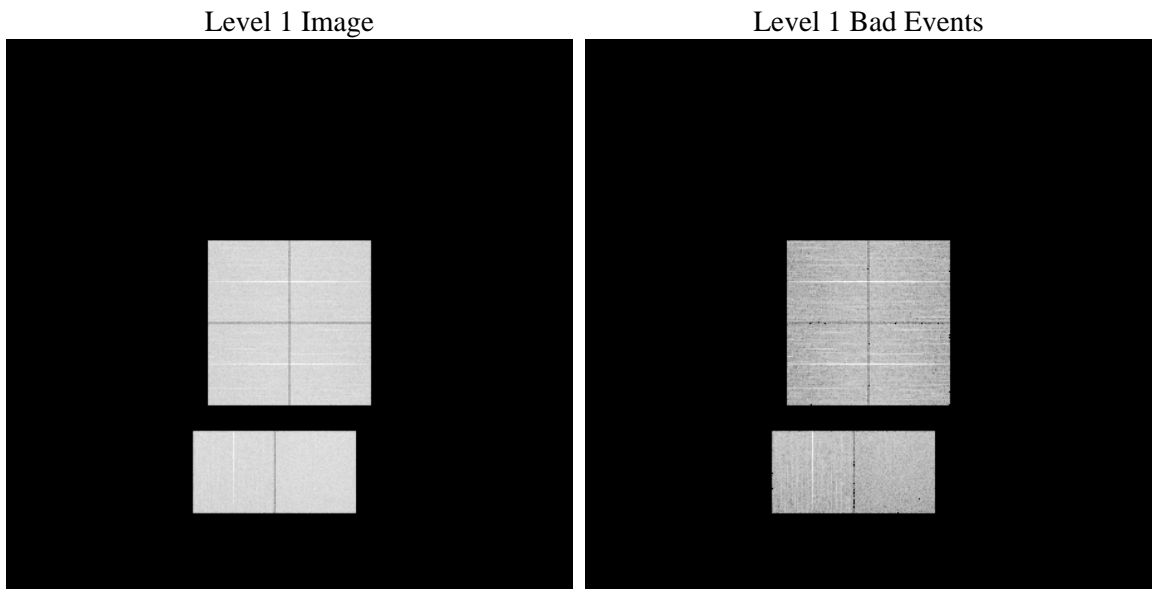
1 Front

seq_num	 	Sequence number
obs_id	58821	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	300.004794456	Nominal RA [deg]
dec_nom	-1.528207623365	Nominal Dec [deg]
roll_nom	246.78951403522	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8277.4824271202	Sum of GTIs [s]
livetime	8172.6679605265	Livetime [s]
ontime0	8277.4413871169	Sum of GTIs [s]
ontime1	8277.4003471136	Sum of GTIs [s]
ontime2	8277.3593071103	Sum of GTIs [s]
ontime3	8277.5234671235	Sum of GTIs [s]
ontime6	8277.318267107	Sum of GTIs [s]
ontime7	8277.4824271202	Sum of GTIs [s]
l2events	871464	Number of level 2 events

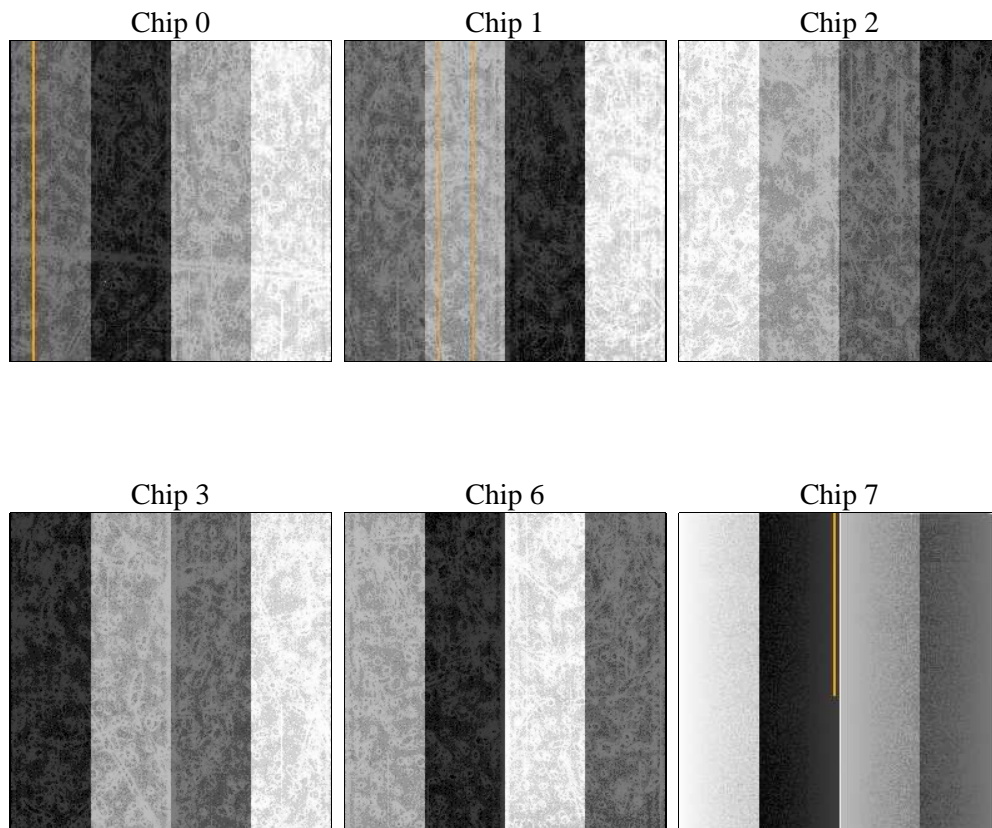
2 OBI

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	8.4.3.1	Processing system revision	ontime	8277.4824271202	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	8277.4413871169	Sum of GTIs [s]
date	2012-04-07T15:35:02	Date and time of file creation	ontime1	8277.4003471136	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8277.3593071103	Sum of GTIs [s]
			ontime3	8277.5234671235	Sum of GTIs [s]
			ontime6	8277.318267107	Sum of GTIs [s]
			ontime7	8277.4824271202	Sum of GTIs [s]
			l1events	1322671	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	211469	213456	215941	219673	223962	238170	grade 0 events	79571	79018	81770	82574	81338	39236
rejected events	65677	67029	68389	71615	71461	60058		37%	37%	37%	37%	36%	16%
rejected %	31%	31%	31%	32%	31%	25%	grade 1 events	540	514	614	577	471	194
								0%	0%	0%	0%	0%	0%
							grade 2 events	25443	26356	25360	25057	26557	38565
								12%	12%	11%	11%	11%	16%
							grade 3 events	9634	9540	9728	9839	9753	17415
								4%	4%	4%	4%	4%	7%
							grade 4 events	9398	9459	9795	9845	9695	17472
								4%	4%	4%	4%	4%	7%
							grade 5 events	3819	3927	3598	4232	4149	10070
								1%	1%	1%	1%	1%	4%
							grade 6 events	21746	22054	20899	20743	25158	65424
								10%	10%	9%	9%	11%	27%
							grade 7 events	61318	62588	64177	66806	66841	49794
								28%	29%	29%	30%	29%	20%

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	300.0047944559959	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-1.528207623364962	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	246.7895140352185			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	272357793.15616	272357792.13116			
Observation start date	2006-08-19T06:56:33	2006-08-19T06:56:32			
[s] Observation end time (MET)	272381405.057268	272381404.03227			
Observation end date	2006-08-19T13:30:05	2006-08-19T13:30:04			
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)	2012.04.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2774824271202

A.2 Comments