

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 53682 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 22 2013

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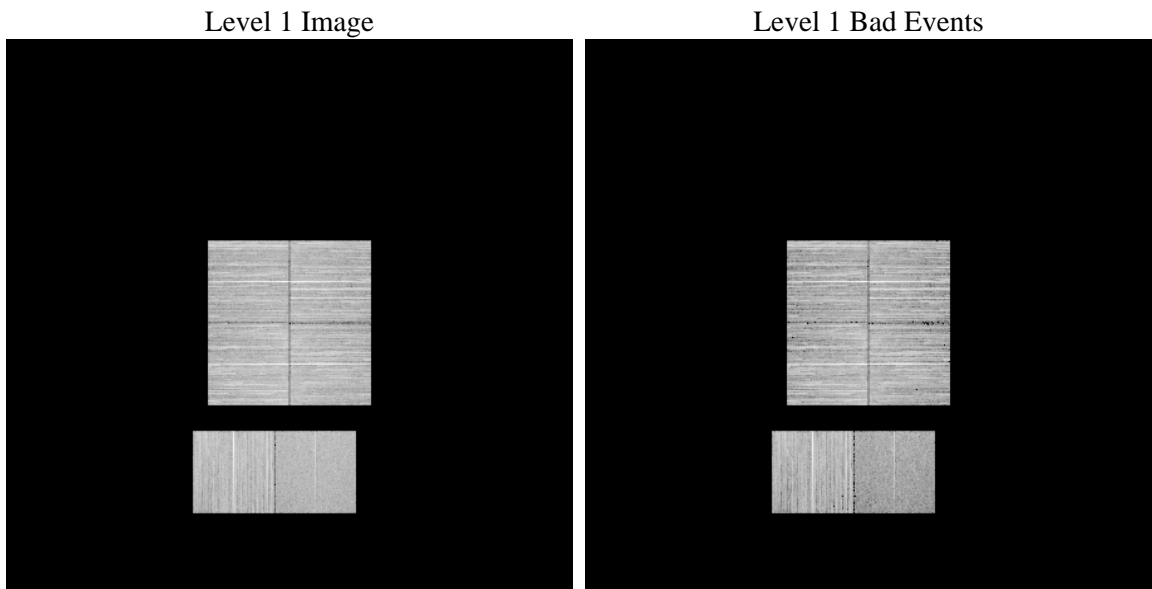
1 Front

seq_num	 	Sequence number
obs_id	53682	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	254.98318124899	Nominal RA [deg]
dec_nom	-6.9883025976646	Nominal Dec [deg]
roll_nom	140.05577674142	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8291.1999691725	Sum of GTIs [s]
livetime	8186.2118028016	Livetime [s]
ontime0	8291.1999691725	Sum of GTIs [s]
ontime1	8291.1999691725	Sum of GTIs [s]
ontime2	8291.1999691725	Sum of GTIs [s]
ontime3	8287.958988905	Sum of GTIs [s]
ontime6	8287.9589987993	Sum of GTIs [s]
ontime7	8291.1999691725	Sum of GTIs [s]
l2events	206478	Number of level 2 events

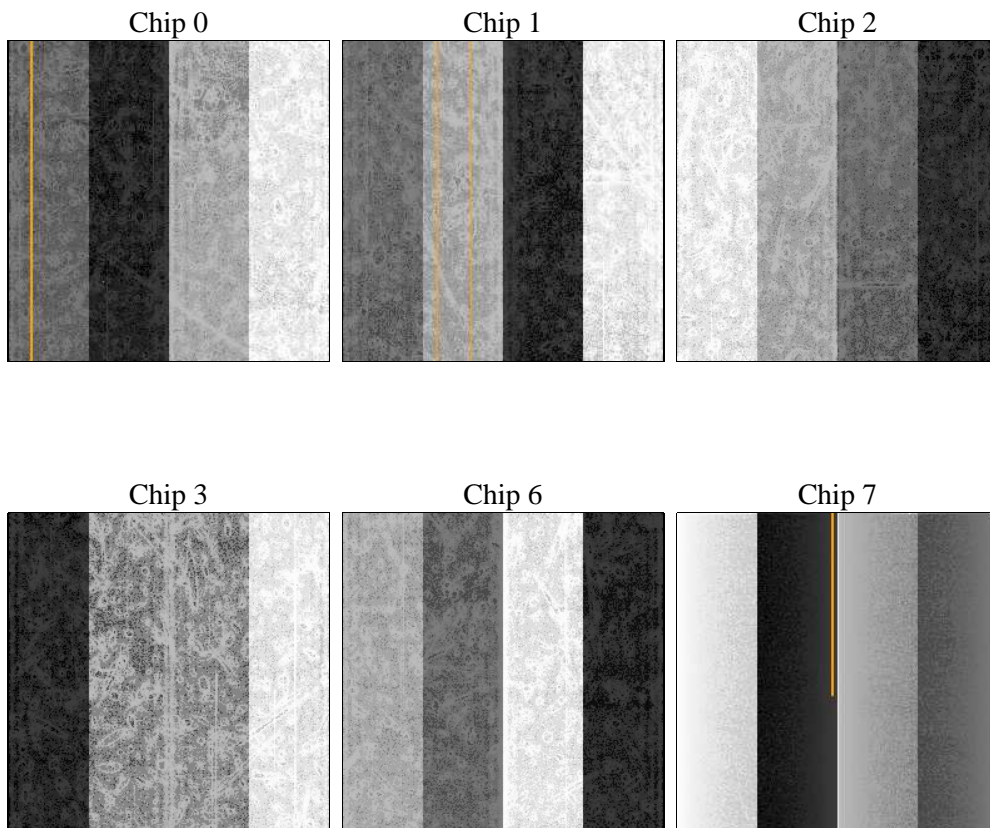
2 OBI

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	8.5.1.1	Processing system revision	ontime	8291.1999691725	Sum of GTIs [s]
caldsver	4.5.6	 	ontime0	8291.1999691725	Sum of GTIs [s]
date	2013-05-22T15:05:35	Date and time of file creation	ontime1	8291.1999691725	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8291.1999691725	Sum of GTIs [s]
			ontime3	8287.958988905	Sum of GTIs [s]
			ontime6	8287.9589987993	Sum of GTIs [s]
			ontime7	8291.1999691725	Sum of GTIs [s]
			l1events	833854	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	134121	138127	154620	141131	148445	117410	grade 0 events	16477	15945	17120	17198	16511	8626
rejected events	102127	106273	122208	108701	114980	60948		12%	11%	11%	12%	11%	7%
rejected %	76%	76%	79%	77%	77%	51%	grade 1 events	77	70	95	100	81	86
								0%	0%	0%	0%	0%	0%
							grade 2 events	6238	6527	6137	6082	6788	13760
								4%	4%	3%	4%	4%	11%
							grade 3 events	2140	2088	2190	2117	2218	4719
								1%	1%	1%	1%	1%	4%
							grade 4 events	2092	2158	2211	2205	2133	4809
								1%	1%	1%	1%	1%	4%
							grade 5 events	2631	2575	2406	2938	2835	7243
								1%	1%	1%	2%	1%	6%
							grade 6 events	5058	5147	4776	4840	5838	24568
								3%	3%	3%	3%	3%	20%
							grade 7 events	99408	103617	119685	105651	112041	53599
								74%	75%	77%	74%	75%	45%

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	254.9831812489855	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-6.98830259766456	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	140.0557767414229	[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)	485499528.283764	485499527.25876			
Observation start date	2013-05-21T04:58:48	2013-05-21T04:58:47			
[s] Observation end time (MET)	485509880.784325	485509879.75933			
Observation end date	2013-05-21T07:51:21	2013-05-21T07:51:19			
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)	2013.05.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2911999691725

A.2 Comments