

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52530 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 20 2014

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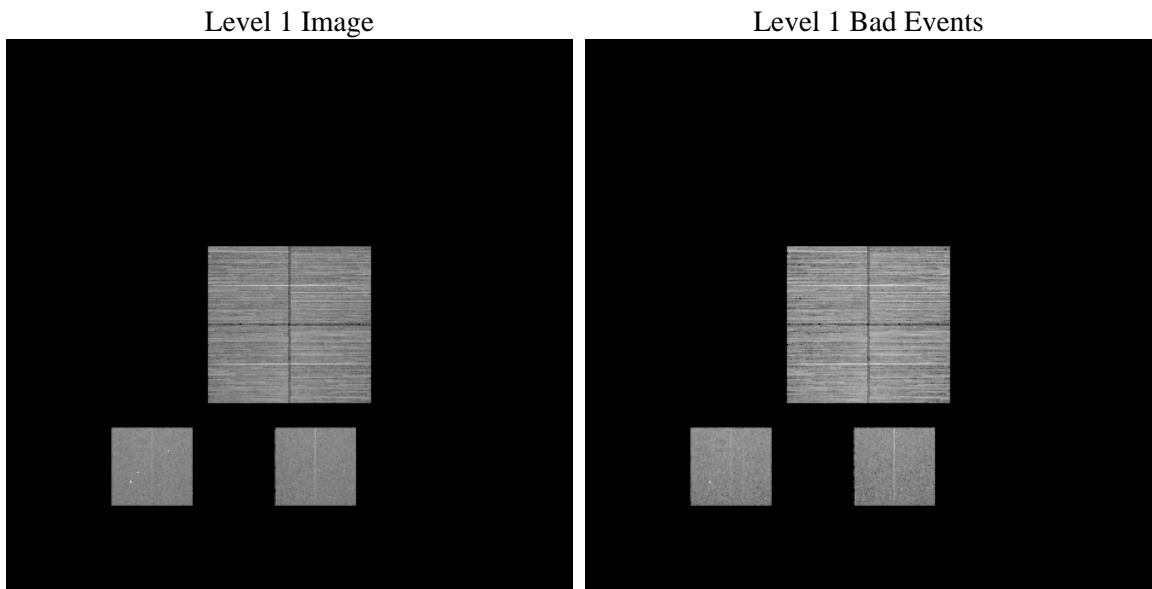
1 Front

seq_num	 	Sequence number
obs_id	52530	Observation id
title	ACIS-012357 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	341.39553508322	Nominal RA [deg]
dec_nom	-28.662051932015	Nominal Dec [deg]
roll_nom	49.350794142937	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8283.5564190745	Sum of GTIs [s]
livetime	8178.6650399374	Livetime [s]
ontime0	8283.5153790712	Sum of GTIs [s]
ontime1	8283.4743390679	Sum of GTIs [s]
ontime2	8283.4332990646	Sum of GTIs [s]
ontime3	8283.5974590778	Sum of GTIs [s]
ontime5	8283.3922590613	Sum of GTIs [s]
ontime7	8283.5564190745	Sum of GTIs [s]
l2events	198720	Number of level 2 events

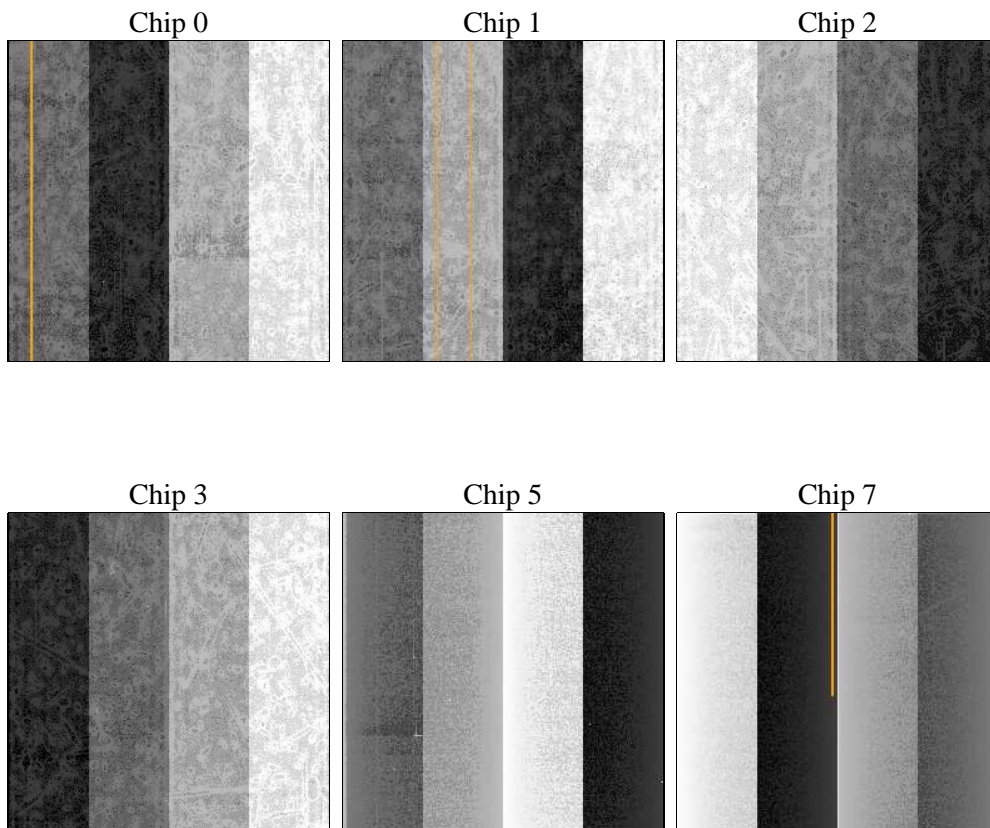
2 OBI

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	10.2.4	Processing system revision	ontime	8283.5564190745	Sum of GTIs [s]
caldsver	4.6.2	 	ontime0	8283.5153790712	Sum of GTIs [s]
date	2014-08-20T06:21:59	Date and time of file creation	ontime1	8283.4743390679	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8283.4332990646	Sum of GTIs [s]
			ontime3	8283.5974590778	Sum of GTIs [s]
			ontime5	8283.3922590613	Sum of GTIs [s]
			ontime7	8283.5564190745	Sum of GTIs [s]
			l1events	851420	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	148096	151096	146024	151338	133476	121390	grade 0 events	13077	12443	13360	13199	7528	7011
rejected events	122339	125651	120477	125823	74560	69780		8%	8%	9%	8%	5%	5%
rejected %	82%	83%	82%	83%	55%	57%	grade 1 events	73	73	92	83	139	113
								0%	0%	0%	0%	0%	0%
							grade 2 events	5392	5503	5082	5094	21666	12824
								3%	3%	3%	3%	16%	10%
							grade 3 events	1889	1743	1825	1882	1964	4188
								1%	1%	1%	1%	1%	3%
							grade 4 events	1834	1787	1851	1836	1900	4193
								1%	1%	1%	1%	1%	3%
							grade 5 events	3008	3034	2770	3203	6148	7787
								2%	2%	1%	2%	4%	6%
							grade 6 events	4142	4528	3995	4065	27110	24561
								2%	2%	2%	2%	20%	20%
							grade 7 events	118681	121985	117049	121976	67021	60713
								80%	80%	80%	80%	50%	50%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	OVERRIDE	OVERRIDE
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	341.3955350832154	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-28.66205193201498	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	49.35079414293699	[s] Primary exposure time	3.2	3.2
SIM focus pos (mm)	-1.4281808131	-1.4281808131			
[mm] SIM defocus	0.1051557500557434	0.1051557500557434			
SIM translation stage pos (mm)	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	524839590.093362	524839590.093362			
Observation start date	2014-08-19T12:46:30	2014-08-19T12:46:30			
[s] Observation end time (MET)	524849588.141636	524849588.141636			
Observation end date	2014-08-19T15:33:08	2014-08-19T15:33:08			
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)	2014.08.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2835564190745

A.2 Comments