

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61532 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Sep 21 2012

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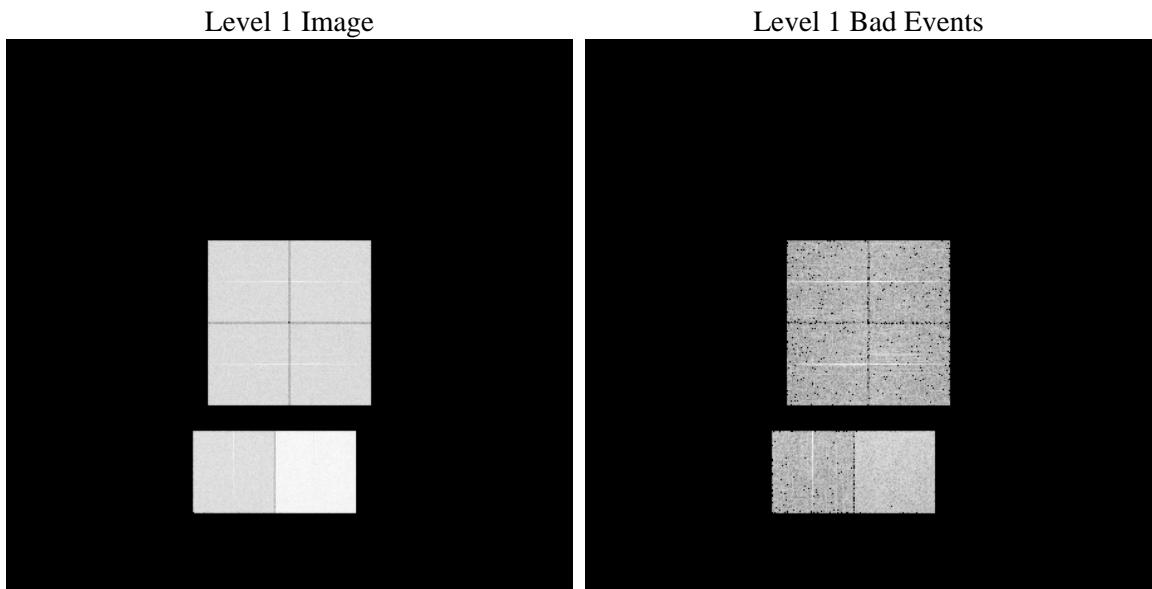
1 Front

seq_num	 	Sequence number
obs_id	61532	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	349.97104015947	Nominal RA [deg]
dec_nom	20.009075164134	Nominal Dec [deg]
roll_nom	128.82916949619	Nominal Roll [deg]
revision	5	Processing version of data
ontime	6700.5677205026	Sum of GTIs [s]
livetime	6615.7210974281	Livetime [s]
ontime0	2610.4067126065	Sum of GTIs [s]
ontime1	2688.1507121921	Sum of GTIs [s]
ontime2	2555.2272717059	Sum of GTIs [s]
ontime3	2532.7040819824	Sum of GTIs [s]
ontime6	2811.2273642272	Sum of GTIs [s]
ontime7	6700.5677205026	Sum of GTIs [s]
l2events	1209668	Number of level 2 events

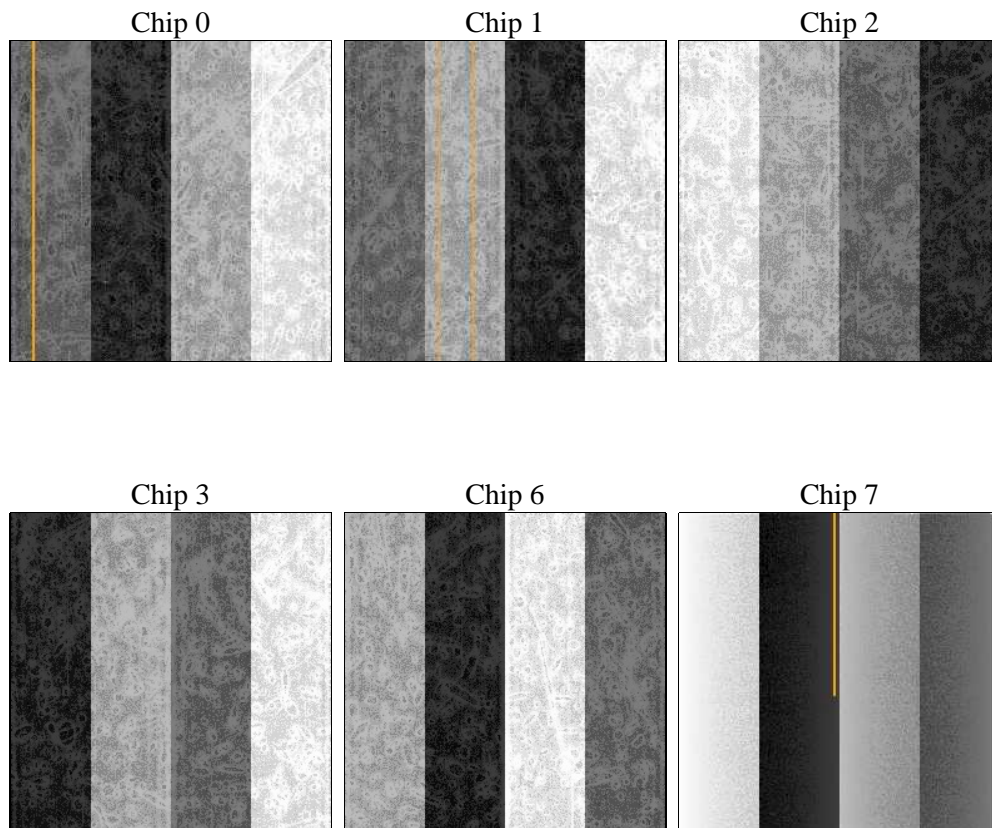
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	7860	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	6700.5677205026	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2610.4067126065	Sum of GTIs [s]
date	2012-09-21T11:43:07	Date and time of file creation	ontime1	2688.1507121921	Sum of GTIs [s]
revision	5	Processing version of data	ontime2	2555.2272717059	Sum of GTIs [s]
			ontime3	2532.7040819824	Sum of GTIs [s]
			ontime6	2811.2273642272	Sum of GTIs [s]
			ontime7	6700.5677205026	Sum of GTIs [s]
			l1events	1425585	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	183715	189686	183568	183271	209117	476228	grade 0 events	89737	93468	90326	89645	101890	112093
rejected events	22764	23588	23241	24943	25660	44884		48%	49%	49%	48%	48%	23%
rejected %	12%	12%	12%	13%	12%	9%	grade 1 events	495	488	474	473	518	325
								0%	0%	0%	0%	0%	0%
							grade 2 events	28906	29898	28585	28461	32372	97449
								15%	15%	15%	15%	15%	20%
							grade 3 events	10370	10794	10352	10056	11538	45004
								5%	5%	5%	5%	5%	9%
							grade 4 events	10419	10684	10401	10152	11695	44554
								5%	5%	5%	5%	5%	9%
							grade 5 events	1520	1523	1341	1444	1679	7802
								0%	0%	0%	0%	0%	1%
							grade 6 events	24292	24696	23433	22734	29448	140397
								13%	13%	12%	12%	14%	29%
							grade 7 events	17976	18135	18656	20306	19977	28604
								9%	9%	10%	11%	9%	6%

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	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	349.9710401594713	349.9710401594739	Subarray requested	NONE	NONE
[deg] Pointing Dec	20.00907516413427	20.00907516413409	Alternating exposures requested	N	N
[deg] Pointing Roll	128.8291694961886	128.8291694961897	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119			
[mm] SIM defocus	0.8505140384245534	0.8505140384245534			
[mm] SIM translation stage pos	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	112392405.293	112392405.293			
Observation start date	2001-07-24T20:23:00	2001-07-24T20:06:45			
[s] Observation end time (MET)	112401744.903599	112401744.903599			
Observation end date	2001-07-24T22:34:00	2001-07-24T22:42:24			
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)	2012.09.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.7005677205026

A.2 Comments