

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58753 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 11 2012

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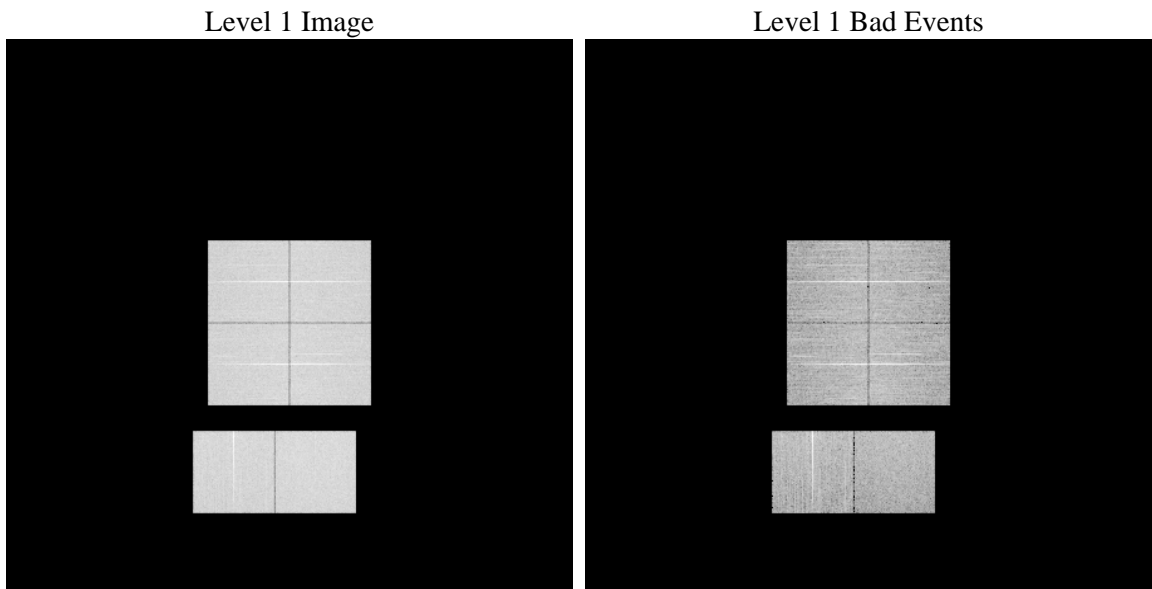
1 Front

seq_num	 	Sequence number
obs_id	58753	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	20.820376609372	Nominal RA [deg]
dec_nom	-21.778528931808	Nominal Dec [deg]
roll_nom	15.7498338271	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7795.1999710202	Sum of GTIs [s]
livetime	7696.4924552813	Livetime [s]
ontime0	7795.1999710202	Sum of GTIs [s]
ontime1	7795.1999710202	Sum of GTIs [s]
ontime2	7795.1999710202	Sum of GTIs [s]
ontime3	7795.1999710202	Sum of GTIs [s]
ontime6	7795.1999710202	Sum of GTIs [s]
ontime7	7795.1999710202	Sum of GTIs [s]
l2events	832986	Number of level 2 events

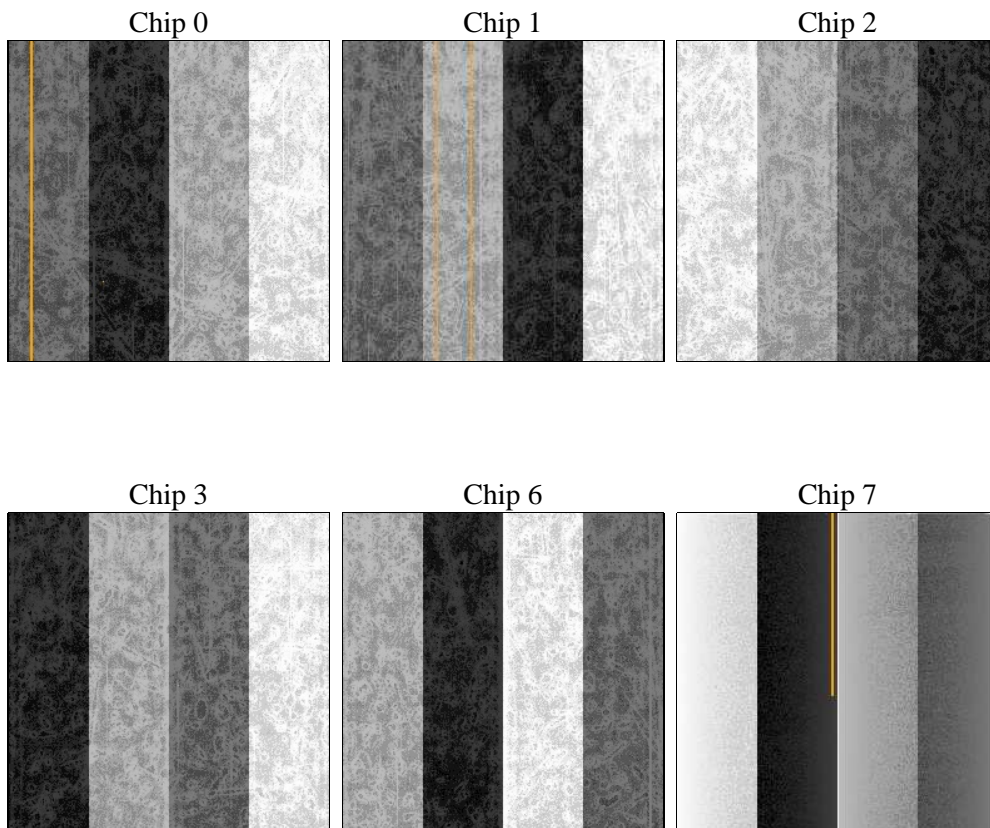
2 OBI

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	7795.1999710202	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7795.1999710202	Sum of GTIs [s]
date	2012-04-11T02:52:32	Date and time of file creation	ontime1	7795.1999710202	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7795.1999710202	Sum of GTIs [s]
			ontime3	7795.1999710202	Sum of GTIs [s]
			ontime6	7795.1999710202	Sum of GTIs [s]
			ontime7	7795.1999710202	Sum of GTIs [s]
			l1events	1266381	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	203575	203100	207098	209894	214960	227754	grade 0 events	75769	75382	77706	78414	78033	37461
rejected events	64336	62494	66704	68452	69005	57982		37%	37%	37%	37%	36%	16%
rejected %	31%	30%	32%	32%	32%	25%	grade 1 events	535	459	517	594	469	166
								0%	0%	0%	0%	0%	0%
							grade 2 events	24279	25290	23859	24369	25431	36908
								11%	12%	11%	11%	11%	16%
							grade 3 events	9160	9126	9141	9347	9161	16269
								4%	4%	4%	4%	4%	7%
							grade 4 events	9122	9164	9159	9255	9330	16384
								4%	4%	4%	4%	4%	7%
							grade 5 events	3697	3690	3450	3948	3949	9876
								1%	1%	1%	1%	1%	4%
							grade 6 events	20909	21644	20529	20057	24000	62750
								10%	10%	9%	9%	11%	27%
							grade 7 events	60104	58345	62737	63910	64587	47940
								29%	28%	30%	30%	30%	21%

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	20.82037660937161	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-21.77852893180791	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	15.74983382710003			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	276657774.958378	276657773.93339			
Observation start date	2006-10-08T01:22:55	2006-10-08T01:22:53			
[s] Observation end time (MET)	276667867.108853	276667866.08387			
Observation end date	2006-10-08T04:11:07	2006-10-08T04:11:06			
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)	2012.04.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7951999710202

A.2 Comments