

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 61112 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Jan 3 2013

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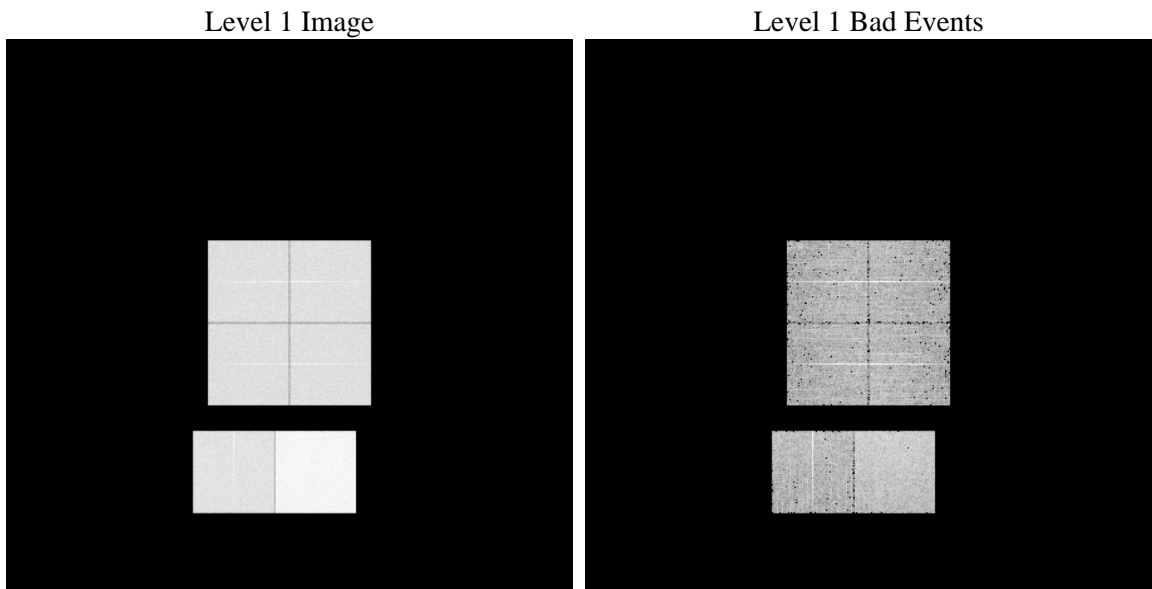
1 Front

seq_num	 	Sequence number
obs_id	61112	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	312.02334075477	Nominal RA [deg]
dec_nom	-48.975840301154	Nominal Dec [deg]
roll_nom	24.822222705322	Nominal Roll [deg]
revision	4	Processing version of data
ontime	8392.0895507932	Sum of GTIs [s]
livetime	8285.8238597914	Livetime [s]
ontime0	3841.7177093029	Sum of GTIs [s]
ontime1	3895.7200467587	Sum of GTIs [s]
ontime2	3743.3927314281	Sum of GTIs [s]
ontime3	3793.1843695045	Sum of GTIs [s]
ontime6	4135.5546740294	Sum of GTIs [s]
ontime7	8392.0895507932	Sum of GTIs [s]
l2events	1303637	Number of level 2 events

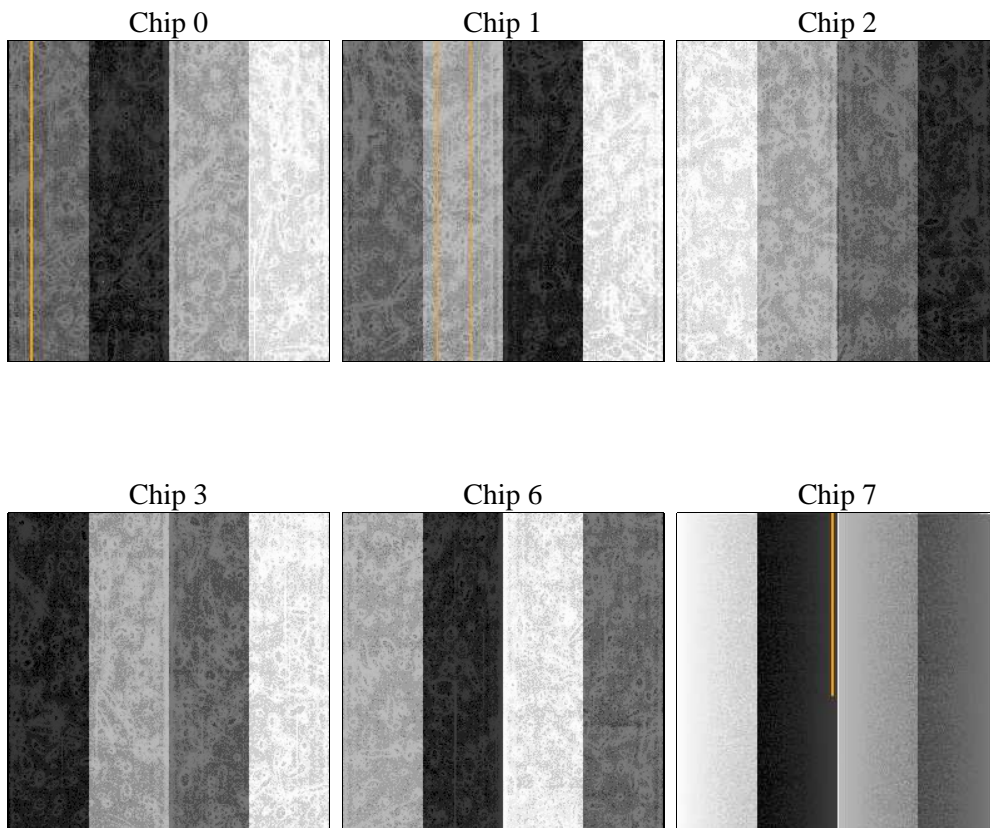
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	8392.0895507932	Sum of GTIs [s]
caldbver	4.5.5	 	ontime0	3841.7177093029	Sum of GTIs [s]
date	2013-01-03T15:56:30	Date and time of file creation	ontime1	3895.7200467587	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	3743.3927314281	Sum of GTIs [s]
			ontime3	3793.1843695045	Sum of GTIs [s]
			ontime6	4135.5546740294	Sum of GTIs [s]
			ontime7	8392.0895507932	Sum of GTIs [s]
			l1events	1555320	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	212697	215067	208749	213236	238038	467533	grade 0 events	101976	103439	100844	103374	113253	105839
rejected events	28683	28549	28496	29732	31715	47792		47%	48%	48%	48%	47%	22%
rejected %	13%	13%	13%	13%	13%	10%	grade 1 events	530	479	452	550	502	249
								0%	0%	0%	0%	0%	0%
							grade 2 events	33204	33490	32177	32605	36358	93527
								15%	15%	15%	15%	15%	20%
							grade 3 events	11535	11806	11132	11561	12516	42275
								5%	5%	5%	5%	5%	9%
							grade 4 events	11501	11879	11102	11629	12586	42152
								5%	5%	5%	5%	5%	9%
							grade 5 events	1817	1910	1770	1888	2228	8614
								0%	0%	0%	0%	0%	1%
							grade 6 events	27253	27414	26087	25597	33481	139475
								12%	12%	12%	12%	14%	29%
							grade 7 events	24881	24650	25185	26032	27114	35402
								11%	11%	12%	12%	11%	7%

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	312.023340754766	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-48.9758403011538	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	24.82222270532241			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	143499557.801	143499556.77591			
Observation start date	2002-07-19T20:59:18	2002-07-19T20:59:16			
[s] Observation end time (MET)	143521755.202	143521754.17682			
Observation end date	2002-07-20T03:09:15	2002-07-20T03:09:14			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3920895507932

A.2 Comments