

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61028 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 14 2012

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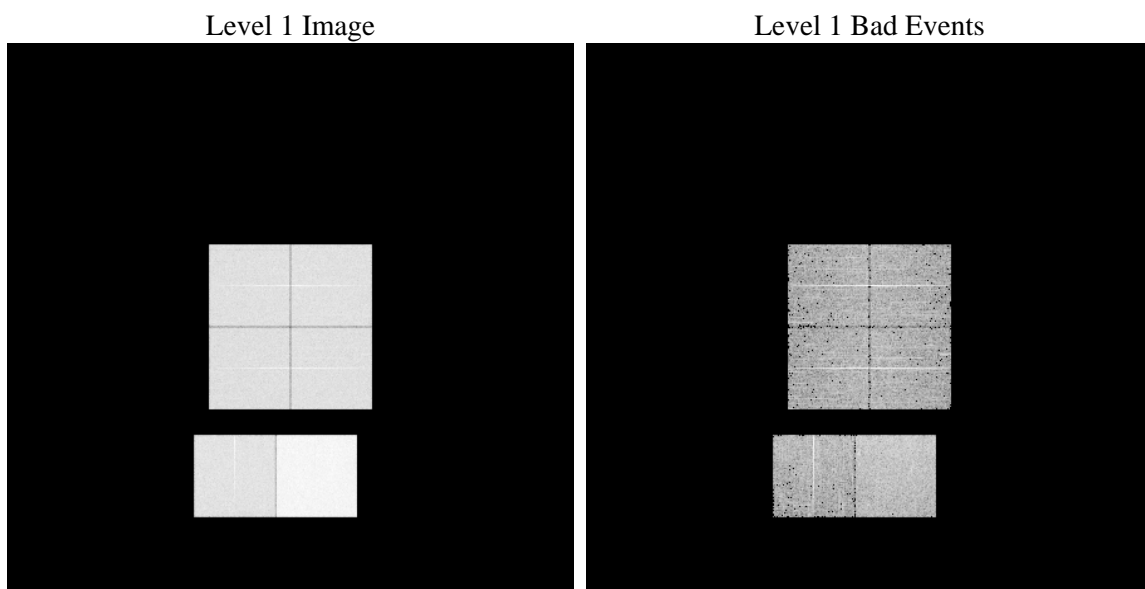
1 Front

seq_num	 	Sequence number
obs_id	61028	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	112.88993525082	Nominal RA [deg]
dec_nom	45.027718084088	Nominal Dec [deg]
roll_nom	71.549812622041	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8463.638935864	Sum of GTIs [s]
livetime	8356.4672434665	Livetime [s]
ontime0	4041.5643815994	Sum of GTIs [s]
ontime1	4148.5178653002	Sum of GTIs [s]
ontime2	3863.3089367449	Sum of GTIs [s]
ontime3	3976.7447876334	Sum of GTIs [s]
ontime6	4230.7702752948	Sum of GTIs [s]
ontime7	8463.638935864	Sum of GTIs [s]
l2events	1308957	Number of level 2 events

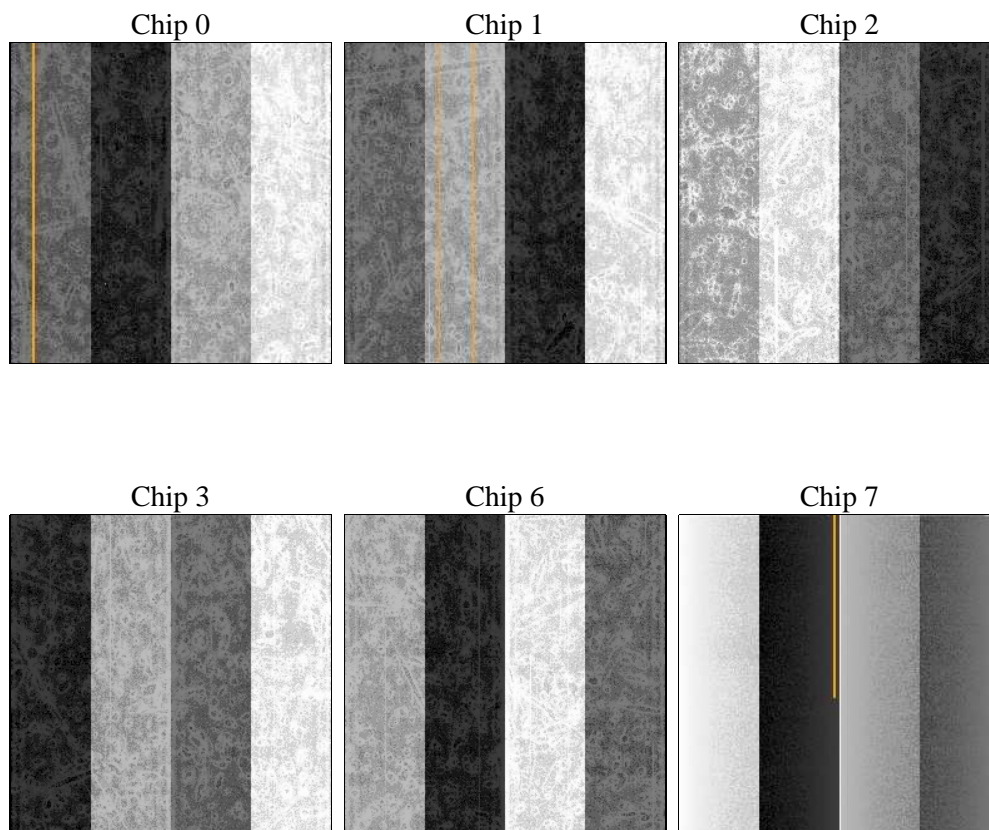
2 OBI

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	8.4.5	Processing system revision	ontime	8463.638935864	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	4041.5643815994	Sum of GTIs [s]
date	2012-10-14T22:34:02	Date and time of file creation	ontime1	4148.5178653002	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3863.3089367449	Sum of GTIs [s]
			ontime3	3976.7447876334	Sum of GTIs [s]
			ontime6	4230.7702752948	Sum of GTIs [s]
			ontime7	8463.638935864	Sum of GTIs [s]
			l1events	1553568	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	215380	221172	208739	215585	236637	456055	grade 0 events	104273	105837	102203	105723	112965	102654
rejected events	27516	28198	27467	28520	30371	45093		48%	47%	48%	49%	47%	22%
rejected %	12%	12%	13%	13%	12%	9%	grade 1 events	518	515	640	581	575	300
								0%	0%	0%	0%	0%	0%
							grade 2 events	32546	34367	30348	31600	35230	90721
								15%	15%	14%	14%	14%	19%
							grade 3 events	11943	12375	11677	11980	12580	41301
								5%	5%	5%	5%	5%	9%
							grade 4 events	12139	12153	11763	12268	12771	40958
								5%	5%	5%	5%	5%	8%
							grade 5 events	1922	1937	1802	2032	2226	8678
								0%	0%	0%	0%	0%	1%
							grade 6 events	26963	28242	25281	25494	32870	135471
								12%	12%	12%	11%	13%	29%
							grade 7 events	25076	25746	25025	25907	27420	35972
								11%	11%	11%	12%	11%	7%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	112.889935250819
[deg] Pointing Dec	0	45.02771808408819
[deg] Pointing Roll	0.0	71.54981262204063
[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)	148755741.61726	148755740.59255
Observation start date	2002-09-18T17:02:22	2002-09-18T17:02:20
[s] Observation end time (MET)	148777051.36814	148777050.34343
Observation end date	2002-09-18T22:57:31	2002-09-18T22:57:30
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.463638935864

A.2 Comments