

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60664 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 31 2012

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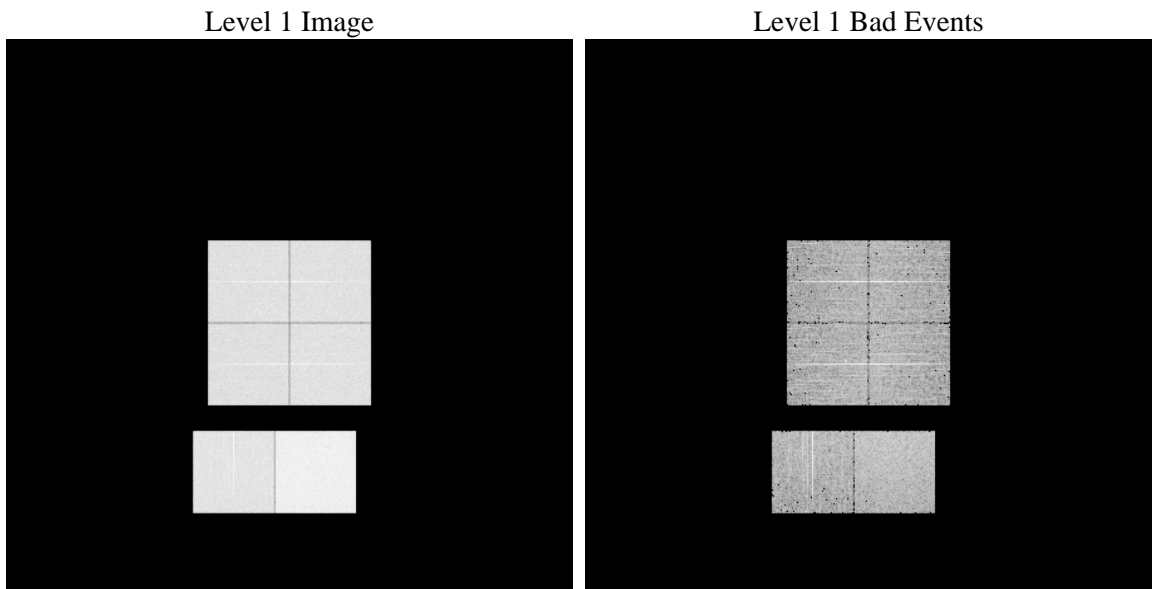
1 Front

seq_num	 	Sequence number
obs_id	60664	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	334.9710674432	Nominal RA [deg]
dec_nom	18.007908355581	Nominal Dec [deg]
roll_nom	131.07602823387	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8462.9590571225	Sum of GTIs [s]
livetime	8355.795973759	Livetime [s]
ontime0	5253.6970510781	Sum of GTIs [s]
ontime1	5240.733099848	Sum of GTIs [s]
ontime2	4943.1382192075	Sum of GTIs [s]
ontime3	5156.4661796391	Sum of GTIs [s]
ontime6	5587.5178659558	Sum of GTIs [s]
ontime7	8462.9590571225	Sum of GTIs [s]
l2events	1265769	Number of level 2 events

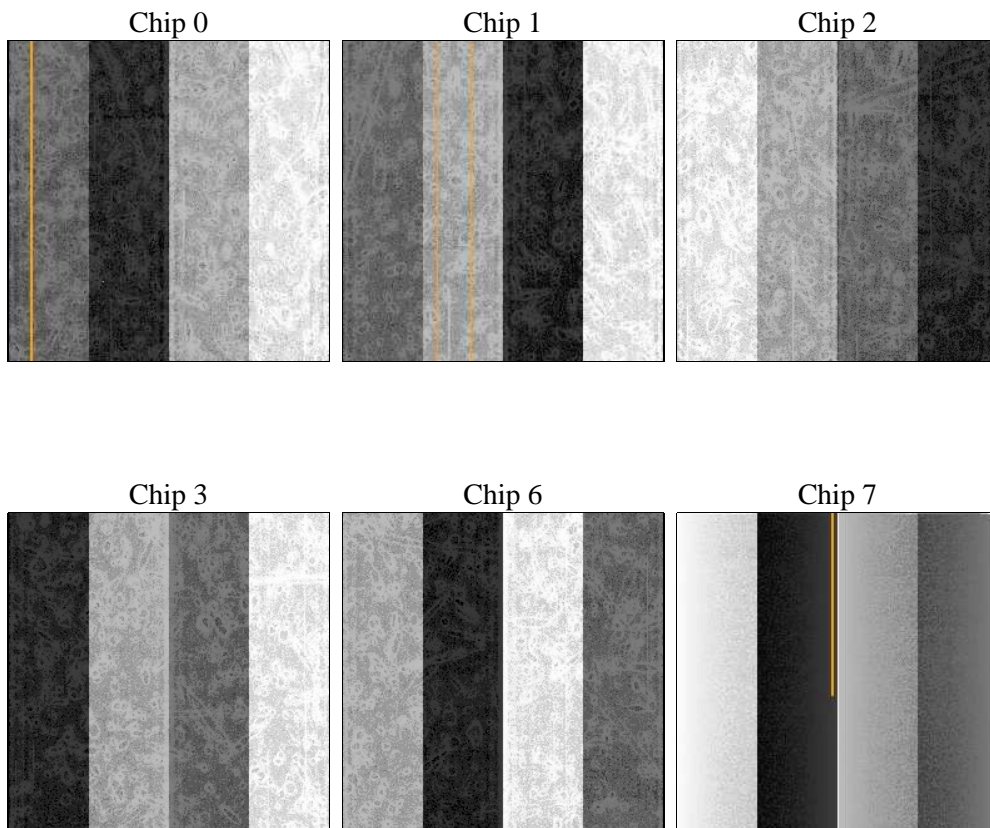
2 OBI

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	8462.9590571225	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	5253.6970510781	Sum of GTIs [s]
date	2012-10-31T21:13:13	Date and time of file creation	ontime1	5240.733099848	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4943.1382192075	Sum of GTIs [s]
			ontime3	5156.4661796391	Sum of GTIs [s]
			ontime6	5587.5178659558	Sum of GTIs [s]
			ontime7	8462.9590571225	Sum of GTIs [s]
			l1events	1539740	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	228247	228608	219676	231285	253487	378437	grade 0 events	109072	107401	105445	111591	118932	81536
rejected events	31588	33033	34281	35165	35948	44731		47%	46%	48%	48%	46%	21%
rejected %	13%	14%	15%	15%	14%	11%	grade 1 events	579	463	609	621	523	229
								0%	0%	0%	0%	0%	0%
							grade 2 events	33843	34809	30384	32367	37408	73903
								14%	15%	13%	13%	14%	19%
							grade 3 events	12595	12196	12041	12714	13140	33446
								5%	5%	5%	5%	5%	8%
							grade 4 events	12658	12390	12025	12656	13282	32851
								5%	5%	5%	5%	5%	8%
							grade 5 events	2298	2156	2012	2287	2580	8118
								1%	0%	0%	0%	1%	2%
							grade 6 events	28491	28779	25627	26792	34777	112113
								12%	12%	11%	11%	13%	29%
							grade 7 events	28711	30414	31533	32257	32845	36241
								12%	13%	14%	13%	12%	9%

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	334.9710674431998
[deg] Pointing Dec	0	18.00790835558116
[deg] Pointing Roll	0.0	131.0760282338722
[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)	174345376.091657	174345375.06692
Observation start date	2003-07-11T21:16:16	2003-07-11T21:16:15
[s] Observation end time (MET)	174367518.142601	174367517.11786
Observation end date	2003-07-12T03:25:18	2003-07-12T03:25:17
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	0.000000	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4629590571225

A.2 Comments