

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61798 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 5 2012

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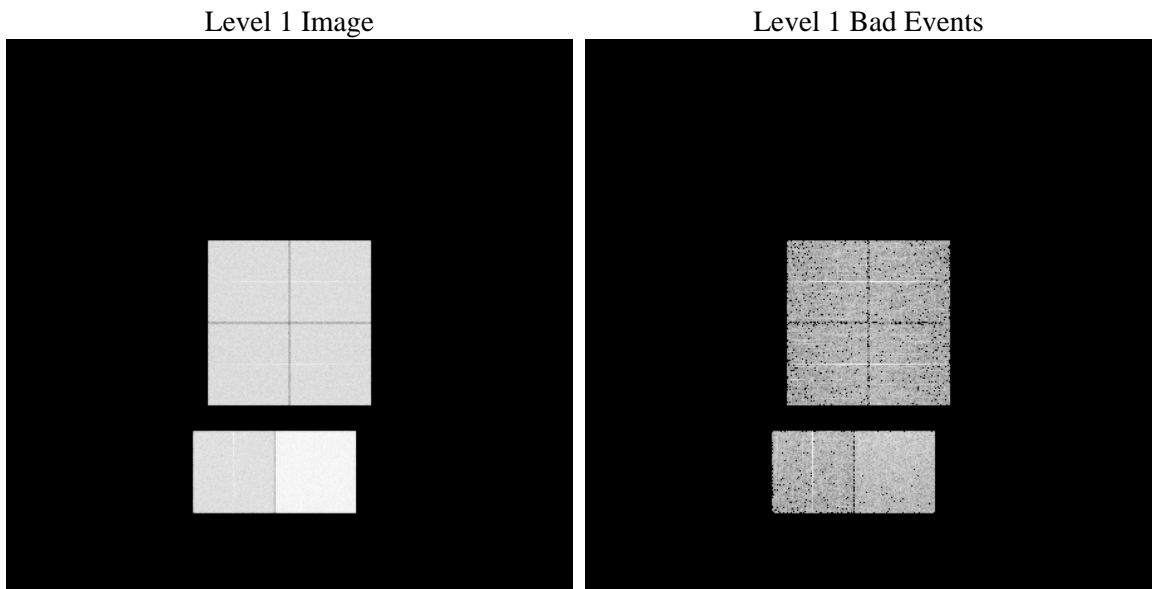
1 Front

seq_num	 	Sequence number
obs_id	61798	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	92.630536271589	Nominal RA [deg]
dec_nom	-30.588439385974	Nominal Dec [deg]
roll_nom	351.1446652834	Nominal Roll [deg]
revision	4	Processing version of data
ontime	6242.4463376701	Sum of GTIs [s]
livetime	6163.4007233926	Livetime [s]
ontime0	2657.8660307974	Sum of GTIs [s]
ontime1	2715.9892501086	Sum of GTIs [s]
ontime2	2528.0091897398	Sum of GTIs [s]
ontime3	2580.1631609499	Sum of GTIs [s]
ontime6	2835.999631837	Sum of GTIs [s]
ontime7	6242.4463376701	Sum of GTIs [s]
l2events	1360955	Number of level 2 events

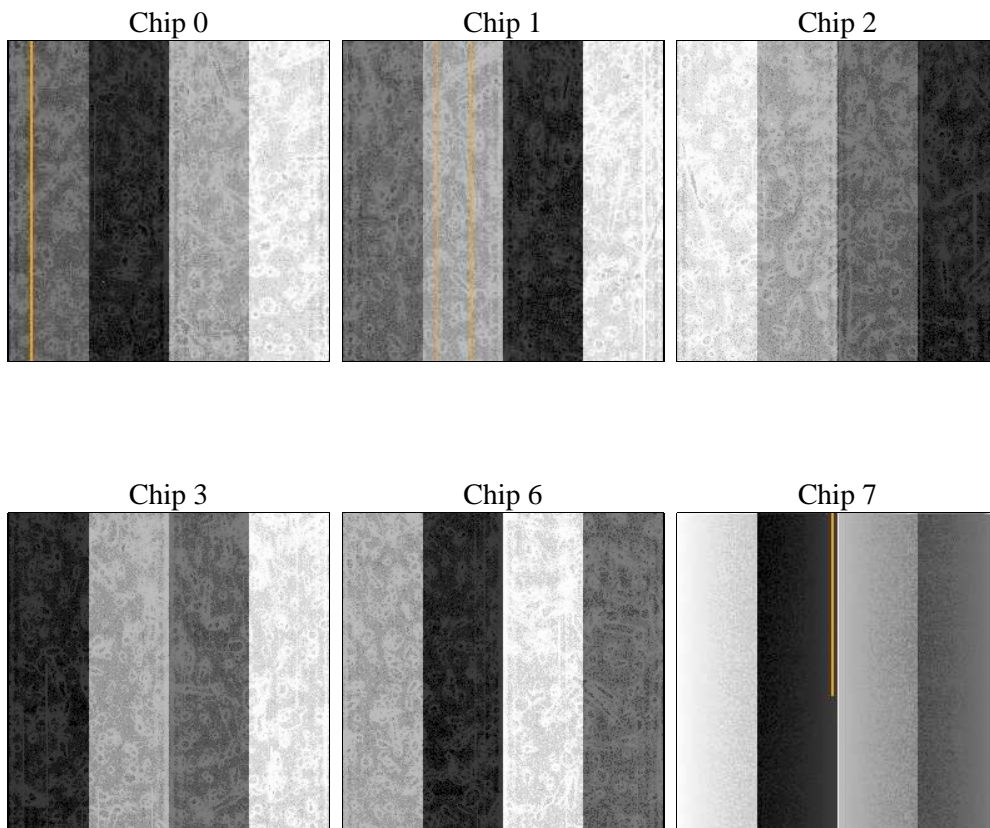
2 OBI

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	6242.4463376701	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime0	2657.8660307974	Sum of GTIs [s]
date	2012-09-05T07:56:10	Date and time of file creation	ontime1	2715.9892501086	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	2528.0091897398	Sum of GTIs [s]
			ontime3	2580.1631609499	Sum of GTIs [s]
			ontime6	2835.999631837	Sum of GTIs [s]
			ontime7	6242.4463376701	Sum of GTIs [s]
			l1events	1551021	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	208566	212654	201795	206197	233281	488528	grade 0 events	104729	106589	101303	104358	115240	117821
rejected events	19528	19570	19838	20447	21757	30979		50%	50%	50%	50%	49%	24%
rejected %	9%	9%	9%	9%	9%	6%	grade 1 events	597	507	507	519	573	291
								0%	0%	0%	0%	0%	0%
							grade 2 events	33320	34003	31708	32644	36589	101891
								15%	15%	15%	15%	15%	20%
							grade 3 events	11833	12236	11585	11633	13274	46618
								5%	5%	5%	5%	5%	9%
							grade 4 events	11744	12191	11416	11707	13181	46365
								5%	5%	5%	5%	5%	9%
							grade 5 events	1468	1589	1407	1504	1725	6851
								0%	0%	0%	0%	0%	1%
							grade 6 events	27644	28065	26082	25649	33622	145195
								13%	13%	12%	12%	14%	29%
							grade 7 events	17231	17474	17787	18183	19077	23496
								8%	8%	8%	8%	8%	4%

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	92.6305362715888	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-30.58843938597422	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	351.1446652834025			
[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)	94608351.20393901	94608350.43547399			
Observation start date	2000-12-31T00:05:51	2000-12-31T00:05:50			
[s] Observation end time (MET)	94629660.95475499	94629660.18629			
Observation end date	2000-12-31T06:01:01	2000-12-31T06:01:00			
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)	2012.09.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.2424463376701

A.2 Comments