

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 58945 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 2 2012

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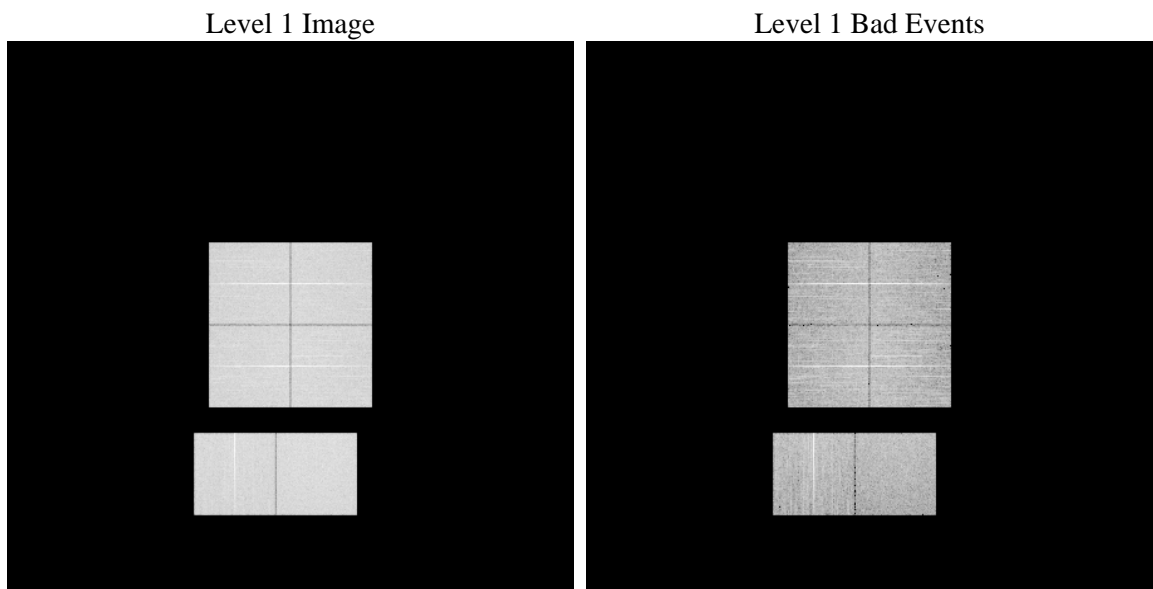
1 Front

seq_num	 	Sequence number
obs_id	58945	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	260.02570830718	Nominal RA [deg]
dec_nom	-49.976633460995	Nominal Dec [deg]
roll_nom	21.844569288001	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8276.954228133	Sum of GTIs [s]
livetime	8172.1464499128	Livetime [s]
ontime0	8276.9131881297	Sum of GTIs [s]
ontime1	8276.8721481264	Sum of GTIs [s]
ontime2	8276.8311081231	Sum of GTIs [s]
ontime3	8276.9952681363	Sum of GTIs [s]
ontime6	8276.7900681496	Sum of GTIs [s]
ontime7	8276.954228133	Sum of GTIs [s]
l2events	915685	Number of level 2 events

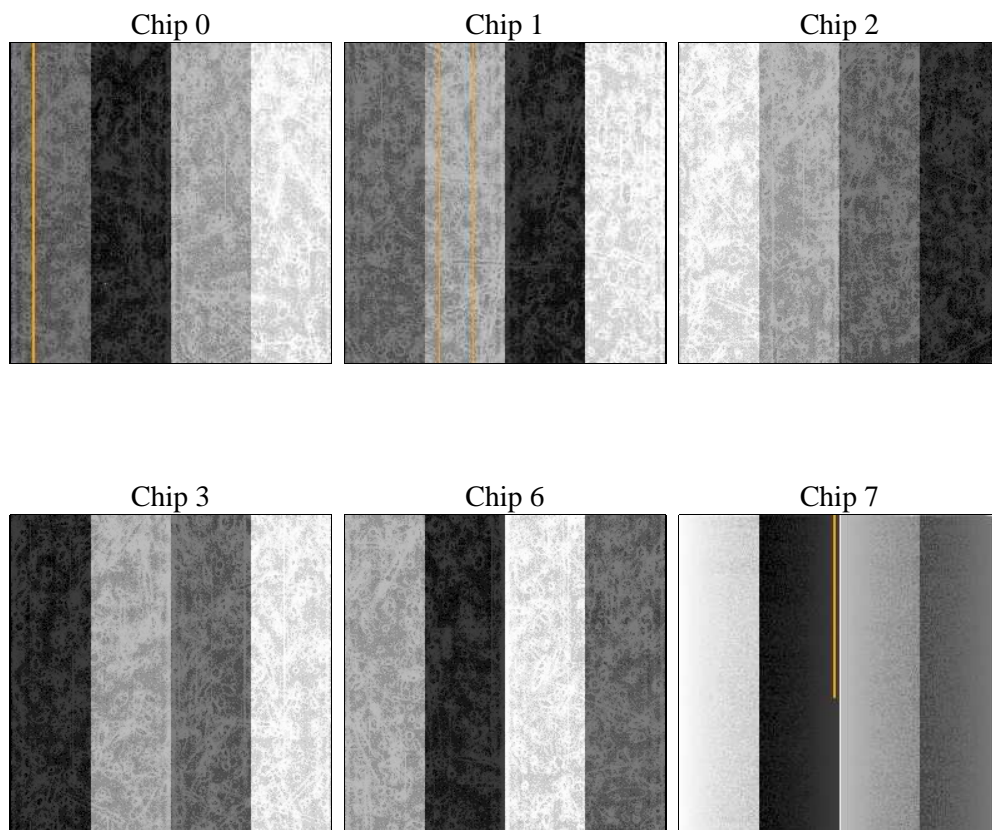
2 OBI

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	Processing system revision	ontime	8276.954228133	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8276.9131881297	Sum of GTIs [s]
date	2012-04-02T19:36:59	Date and time of file creation	ontime1	8276.8721481264	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8276.8311081231	Sum of GTIs [s]
			ontime3	8276.9952681363	Sum of GTIs [s]
			ontime6	8276.7900681496	Sum of GTIs [s]
			ontime7	8276.954228133	Sum of GTIs [s]
			l1events	1371842	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	219016	218682	226923	230143	231162	245916	grade 0 events	83575	83286	85725	87008	86421	41062
rejected events	65776	64071	72624	74502	70266	59986		38%	38%	37%	37%	37%	16%
rejected %	30%	29%	32%	32%	30%	24%	grade 1 events	554	491	630	640	493	164
								0%	0%	0%	0%	0%	0%
							grade 2 events	26852	28121	25886	26316	27920	40669
								12%	12%	11%	11%	12%	16%
							grade 3 events	10181	9962	10161	10312	10122	18110
								4%	4%	4%	4%	4%	7%
							grade 4 events	9997	10210	10259	10291	10146	17932
								4%	4%	4%	4%	4%	7%
							grade 5 events	3779	4036	3553	4202	4148	10225
								1%	1%	1%	1%	1%	4%
							grade 6 events	22635	23032	22268	21714	26287	68157
								10%	10%	9%	9%	11%	27%
							grade 7 events	61443	59544	68441	69660	65625	49597
								28%	27%	30%	30%	28%	20%

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	260.0257083071776
[deg] Pointing Dec	0	-49.97663346099466
[deg] Pointing Roll	0.0	21.84456928800095
[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)	265505222.985243	265505221.96023
Observation start date	2006-05-31T23:27:03	2006-05-31T23:27:01
[s] Observation end time (MET)	265529111.636359	265529110.61135
Observation end date	2006-06-01T06:05:12	2006-06-01T06:05:10
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.276954228133

A.2 Comments