

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58315 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 27 2012

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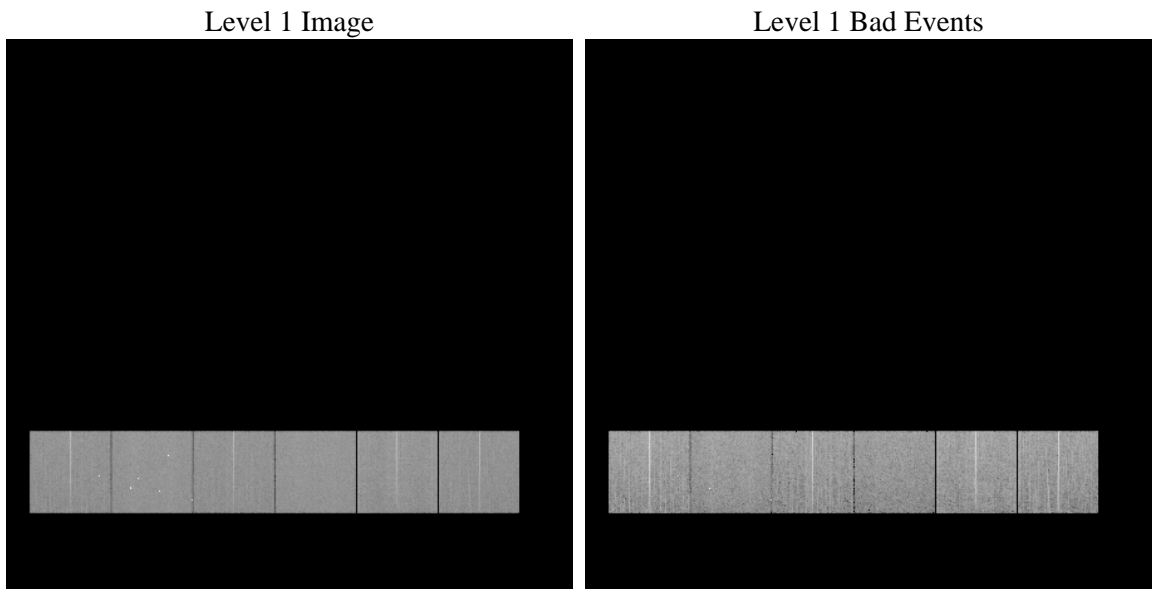
1 Front

seq_num	 	Sequence number
obs_id	58315	Observation id
title	ACIS-456789 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	301.07320863292	Nominal RA [deg]
dec_nom	4.7912881816956	Nominal Dec [deg]
roll_nom	162.02364868739	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime4	8271.999969244	Sum of GTIs [s]
ontime5	8271.999969244	Sum of GTIs [s]
ontime6	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
ontime8	8271.999969244	Sum of GTIs [s]
ontime9	8271.999969244	Sum of GTIs [s]
l2events	744295	Number of level 2 events

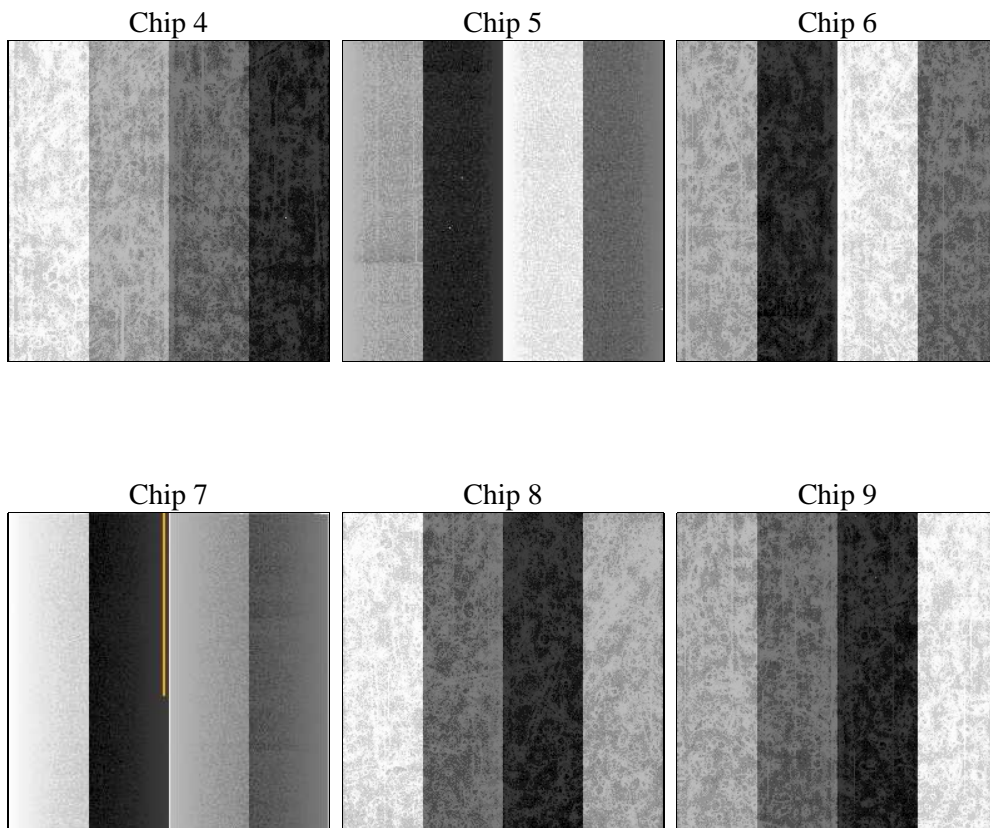
2 OBI

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	8.4.4	Processing system revision	ontime	8271.999969244	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8271.999969244	Sum of GTIs [s]
date	2012-04-28T02:00:59	Date and time of file creation	ontime5	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			ontime8	8271.999969244	Sum of GTIs [s]
			ontime9	8271.999969244	Sum of GTIs [s]
			l1events	1273587	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	202919	224561	201814	219842	222964	201487	grade 0 events	69078	27390	66642	32462	70849	66297
rejected events	84832	72498	76644	64915	85693	79544		34%	12%	33%	14%	31%	32%
rejected %	41%	32%	37%	29%	38%	39%	grade 1 events	685	327	401	184	452	467
								0%	0%	0%	0%	0%	0%
							grade 2 events	17766	56418	22239	33820	24725	20761
								8%	25%	11%	15%	11%	10%
							grade 3 events	8036	6670	7771	14532	9388	8018
								3%	2%	3%	6%	4%	3%
							grade 4 events	7979	6153	7708	14491	9442	7968
								3%	2%	3%	6%	4%	3%
							grade 5 events	4178	9655	4157	10562	5670	4751
								2%	4%	2%	4%	2%	2%
							grade 6 events	15271	55494	20854	59678	22924	18941
								7%	24%	10%	27%	10%	9%
							grade 7 events	79926	62454	72042	54113	79514	74284
								39%	27%	35%	24%	35%	36%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	301.0732086329219
[deg] Pointing Dec	0	4.791288181695585
[deg] Pointing Roll	0.0	162.0236486873929
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	300689776.450309	300689775.42531
Observation start date	2007-07-13T04:56:16	2007-07-13T04:56:15
[s] Observation end time (MET)	300712549.9014	300712548.8764
Observation end date	2007-07-13T11:15:50	2007-07-13T11:15:48
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)	2012.04.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments