

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57915 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 11 2012

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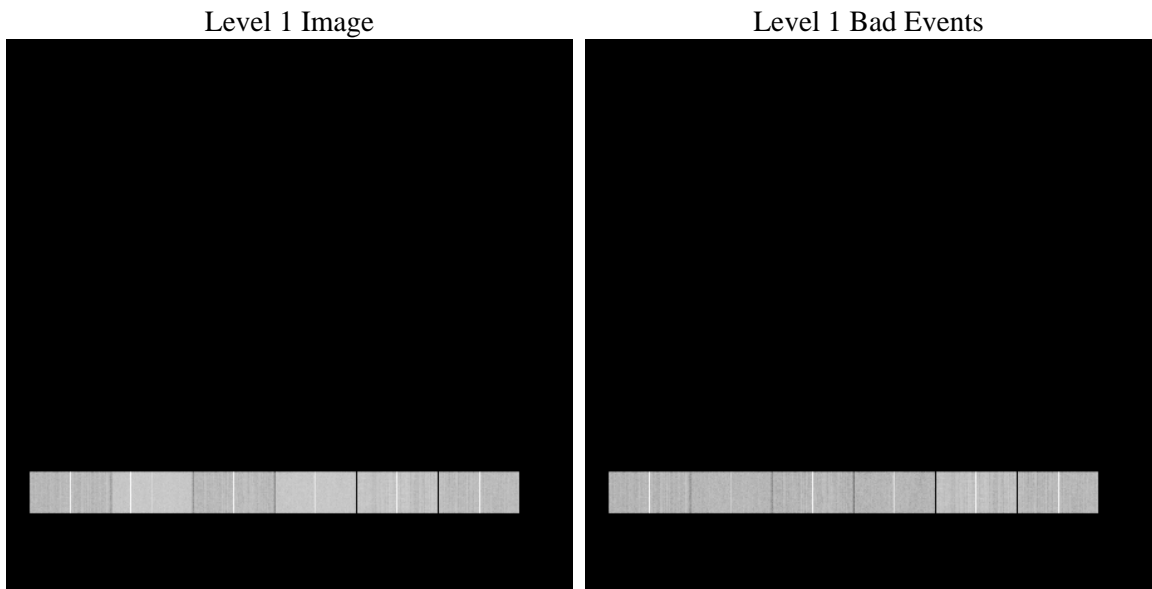
1 Front

seq_num	 	Sequence number
obs_id	57915	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	153.00140318857	Nominal RA [deg]
dec_nom	17.971589645623	Nominal Dec [deg]
roll_nom	236.39539843501	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8386.0	Sum of GTIs [s]
livetime	8353.2421875	Livetime [s]
ontime4	4538.8326755166	Sum of GTIs [s]
ontime5	8386.0	Sum of GTIs [s]
ontime6	4945.945509851	Sum of GTIs [s]
ontime7	8386.0	Sum of GTIs [s]
ontime8	5088.9450320601	Sum of GTIs [s]
ontime9	4945.2500444651	Sum of GTIs [s]
l2events	390931	Number of level 2 events

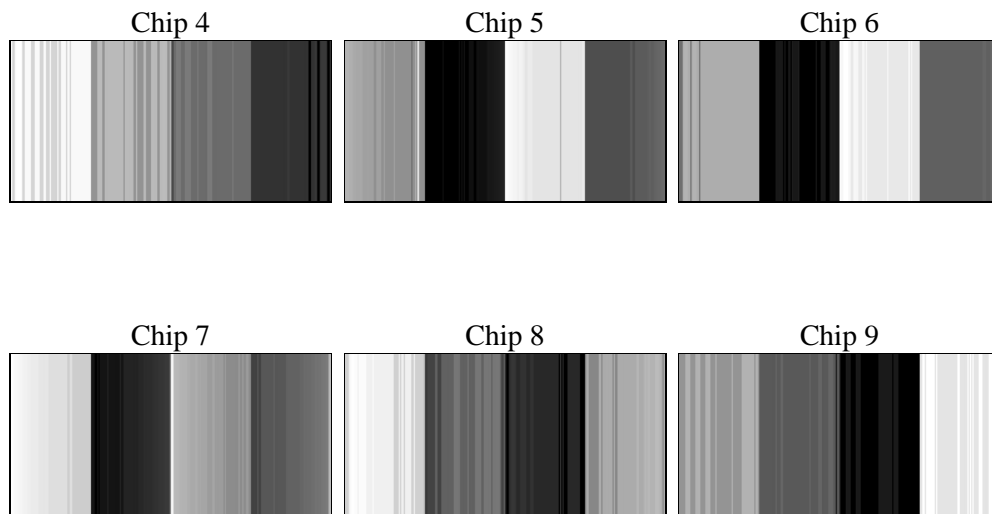
2 OBI

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	8386.0	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	4538.8326755166	Sum of GTIs [s]
date	2012-05-11T14:14:18	Date and time of file creation	ontime5	8386.0	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4945.945509851	Sum of GTIs [s]
			ontime7	8386.0	Sum of GTIs [s]
			ontime8	5088.9450320601	Sum of GTIs [s]
			ontime9	4945.2500444651	Sum of GTIs [s]
			l1events	1446133	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	189029	307093	197556	284203	263335	204917	grade 0 events	5815	29655	5604	21457	11066	6358
rejected events	160210	145476	161247	144302	218031	170227		3%	9%	2%	7%	4%	3%
rejected %	84%	47%	81%	50%	82%	83%	grade 1 events	83	149	56	199	112	53
								0%	0%	0%	0%	0%	0%
							grade 2 events	32693	65554	37731	41634	39950	35802
								17%	21%	19%	14%	15%	17%
							grade 3 events	1581	3331	1517	9526	2884	1480
								0%	1%	0%	3%	1%	0%
							grade 4 events	1589	3245	1460	9443	2779	1537
								0%	1%	0%	3%	1%	0%
							grade 5 events	2381	9349	2516	11074	3462	2746
								1%	3%	1%	3%	1%	1%
							grade 6 events	10109	59918	13215	57925	15974	12395
								5%	19%	6%	20%	6%	6%
							grade 7 events	134778	135892	135457	132945	187108	144546
								71%	44%	68%	46%	71%	70%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	CC33_FAINT	CC33_FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	153.0014031885748
[deg] Pointing Dec	0	17.97158964562318
[deg] Pointing Roll	0.0	236.39539843501
[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)	321935163.626009	321935162.60101
Observation start date	2008-03-15T02:26:04	2008-03-15T02:26:02
[s] Observation end time (MET)	321958023.17712	321958022.15212
Observation end date	2008-03-15T08:47:03	2008-03-15T08:47:02
Read mode	CONTINUOUS	CONTINUOUS

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	0

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.386

A.2 Comments