

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57533 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 25 2012

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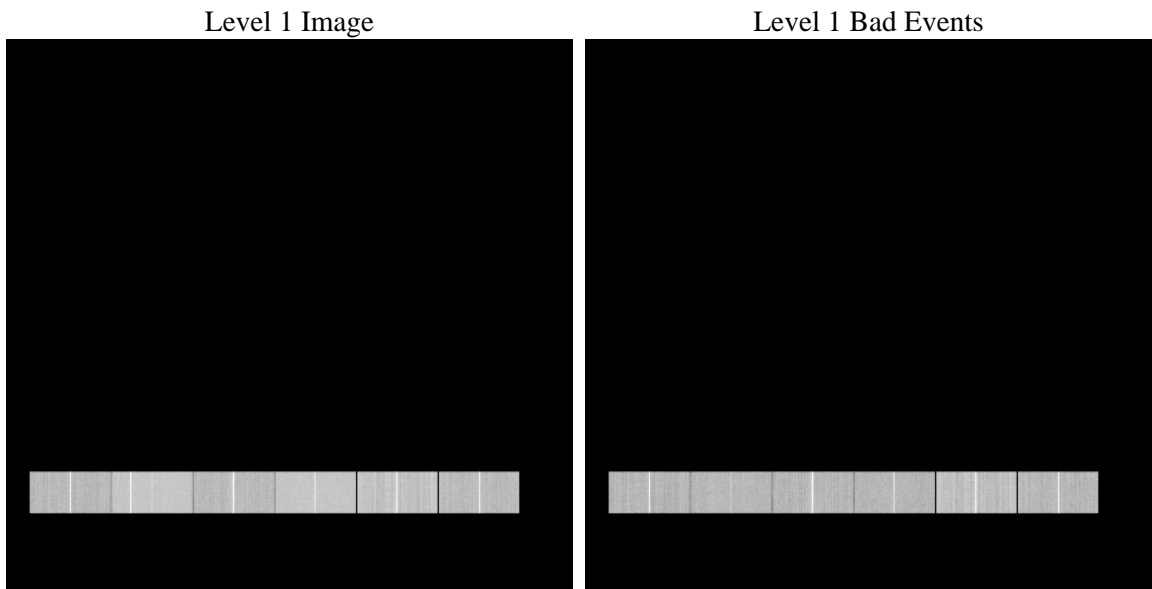
1 Front

seq_num	 	Sequence number
obs_id	57533	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	7.7201021673053	Nominal RA [deg]
dec_nom	10.47911707042	Nominal Dec [deg]
roll_nom	280.59074414761	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8846.5	Sum of GTIs [s]
livetime	8811.943359375	Livetime [s]
ontime4	5056.9995245337	Sum of GTIs [s]
ontime5	8846.5	Sum of GTIs [s]
ontime6	5491.8367619514	Sum of GTIs [s]
ontime7	8846.5	Sum of GTIs [s]
ontime8	5553.1227300167	Sum of GTIs [s]
ontime9	5528.2764533758	Sum of GTIs [s]
l2events	384629	Number of level 2 events

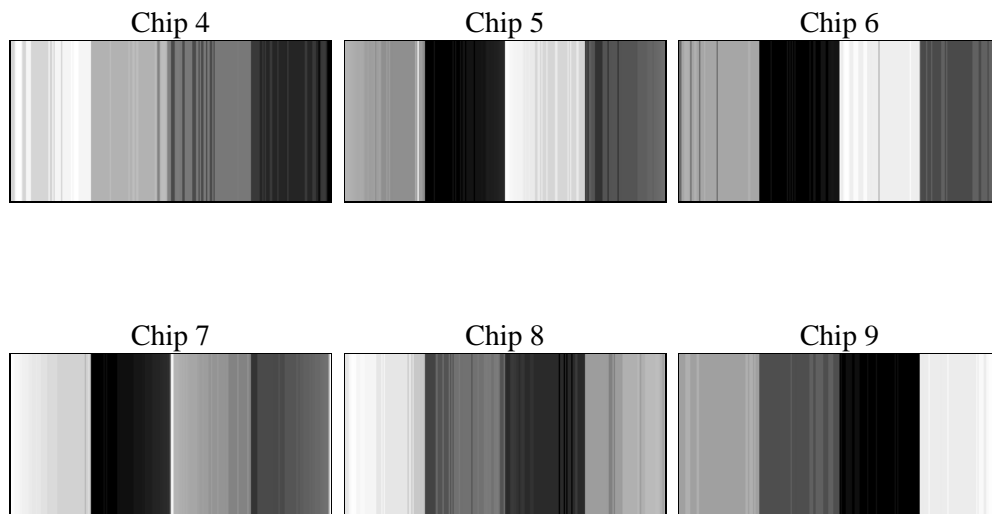
2 OBI

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	8846.5	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	5056.9995245337	Sum of GTIs [s]
date	2012-05-25T08:09:48	Date and time of file creation	ontime5	8846.5	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	5491.8367619514	Sum of GTIs [s]
			ontime7	8846.5	Sum of GTIs [s]
			ontime8	5553.1227300167	Sum of GTIs [s]
			ontime9	5528.2764533758	Sum of GTIs [s]
			l1events	1530910	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	204024	319175	217545	290546	281019	218601	grade 0 events	5883	29374	5608	19854	11524	6207
rejected events	173705	160375	180195	156403	235164	181863		2%	9%	2%	6%	4%	2%
rejected %	85%	50%	82%	53%	83%	83%	grade 1 events	93	160	81	179	127	79
								0%	0%	0%	0%	0%	0%
							grade 2 events	32105	64003	36200	40627	38822	34982
								15%	20%	16%	13%	13%	16%
							grade 3 events	1667	3120	1719	9083	3044	1664
								0%	0%	0%	3%	1%	0%
							grade 4 events	1688	3072	1636	8963	2975	1772
								0%	0%	0%	3%	1%	0%
							grade 5 events	2604	9958	2911	12115	3800	3068
								1%	3%	1%	4%	1%	1%
							grade 6 events	10084	60583	12889	56661	16221	12441
								4%	18%	5%	19%	5%	5%
							grade 7 events	149900	148905	156501	143064	204506	158388
								73%	46%	71%	49%	72%	72%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	CC33_FAINT	CC33_FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	7.720102167305299	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	10.47911707042044	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	280.5907441476099	[s] Primary exposure time	0	0
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	341808747.408622	341808746.38362			
Observation start date	2008-10-31T02:52:27	2008-10-31T02:52:26			
[s] Observation end time (MET)	341831652.059752	341831651.03475			
Observation end date	2008-10-31T09:14:12	2008-10-31T09:14:11			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.8465

A.2 Comments