

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58430 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 23 2012

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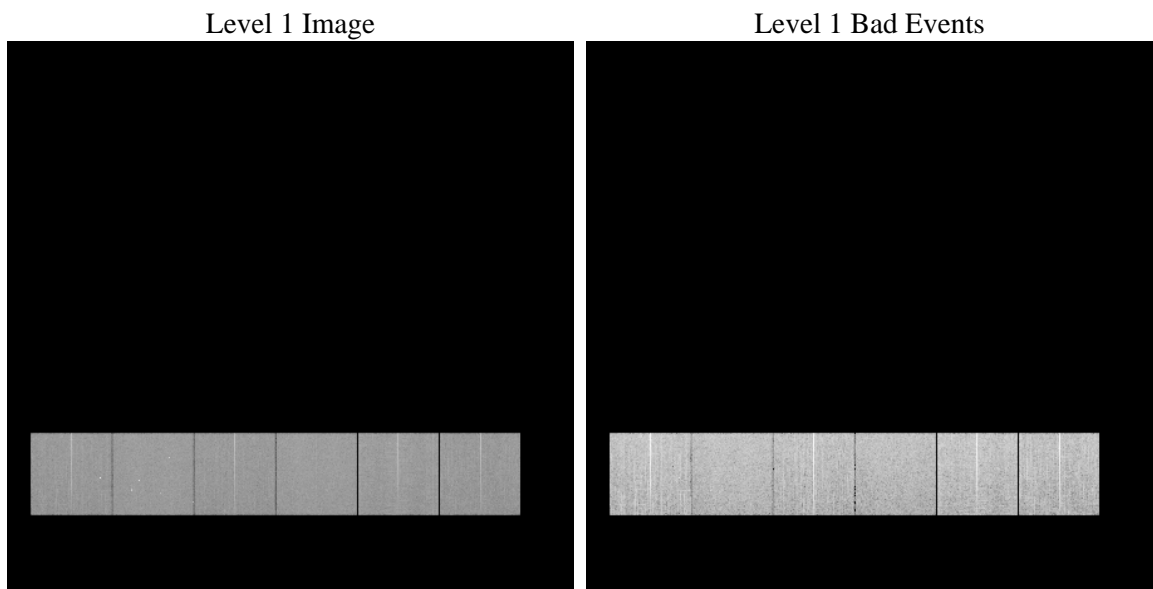
1 Front

seq_num	 	Sequence number
obs_id	58430	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	170.00740872358	Nominal RA [deg]
dec_nom	-0.027654171965349	Nominal Dec [deg]
roll_nom	252.07342382703	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7638.3590011597	Sum of GTIs [s]
livetime	7541.6375002194	Livetime [s]
ontime4	7641.5999715924	Sum of GTIs [s]
ontime5	7638.3589813113	Sum of GTIs [s]
ontime6	7641.5999715924	Sum of GTIs [s]
ontime7	7638.3590011597	Sum of GTIs [s]
ontime8	7641.5999715924	Sum of GTIs [s]
ontime9	7641.5999715924	Sum of GTIs [s]
l2events	731676	Number of level 2 events

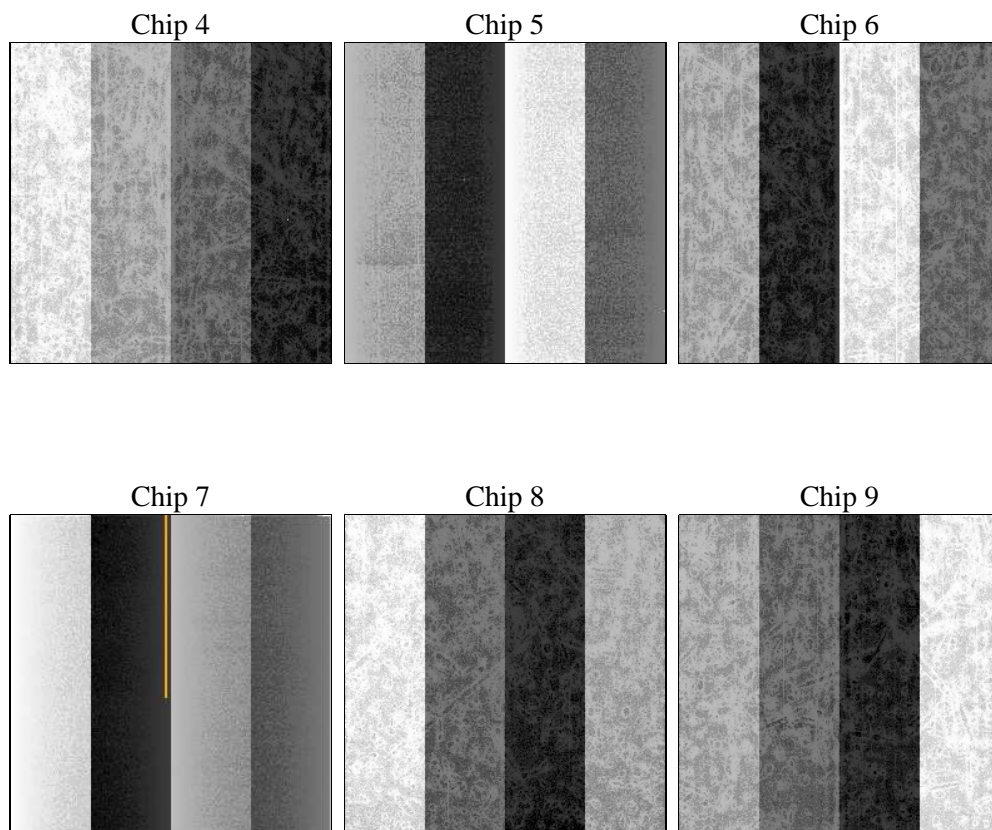
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6420	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7638.3590011597	Sum of GTIs [s]
caldbver	4.4.9	 	ontime4	7641.5999715924	Sum of GTIs [s]
date	2012-04-23T11:32:13	Date and time of file creation	ontime5	7638.3589813113	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7641.5999715924	Sum of GTIs [s]
			ontime7	7638.3590011597	Sum of GTIs [s]
			ontime8	7641.5999715924	Sum of GTIs [s]
			ontime9	7641.5999715924	Sum of GTIs [s]
			l1events	1234658	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	198461	212238	197991	215668	216073	194227	grade 0 events	67879	25851	67373	33124	70662	65316
rejected events	82617	69218	74111	64722	81299	75575		34%	12%	34%	15%	32%	33%
rejected %	41%	32%	37%	30%	37%	38%	grade 1 events	670	206	444	168	491	499
								0%	0%	0%	0%	0%	0%
							grade 2 events	18681	52718	22248	33690	25137	20771
								9%	24%	11%	15%	11%	10%
							grade 3 events	8142	7547	8068	14684	9494	7885
								4%	3%	4%	6%	4%	4%
							grade 4 events	8024	7310	8017	14800	9263	8100
								4%	3%	4%	6%	4%	4%
							grade 5 events	4101	9235	4249	10412	5277	4661
								2%	4%	2%	4%	2%	2%
							grade 6 events	15528	52590	20723	57759	22936	18920
								7%	24%	10%	26%	10%	9%
							grade 7 events	75436	56781	66869	51031	72813	68075
								38%	26%	33%	23%	33%	35%

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	OVERRIDE	OVERRIDE
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	170.0073902126292	170.0074087235762	Subarray requested	NONE	NONE
[deg] Pointing Dec	-0.02753130948791136	-0.02765417196534888	Alternating exposures requested	N	N
[deg] Pointing Roll	252.0734238275994	252.0734238270294	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673			
[mm] SIM defocus	0.7524282194390134	0.7524282194390134			
[mm] SIM translation stage pos	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	293336635.198895	293336635.198895			
Observation start date	2007-04-19T02:41:00	2007-04-19T02:23:55			
[s] Observation end time (MET)	293346152.757128	293346152.757128			
Observation end date	2007-04-19T04:28:00	2007-04-19T05:02:32			
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)	2012.04.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.6383590011597

A.2 Comments