

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56928 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 10 2012

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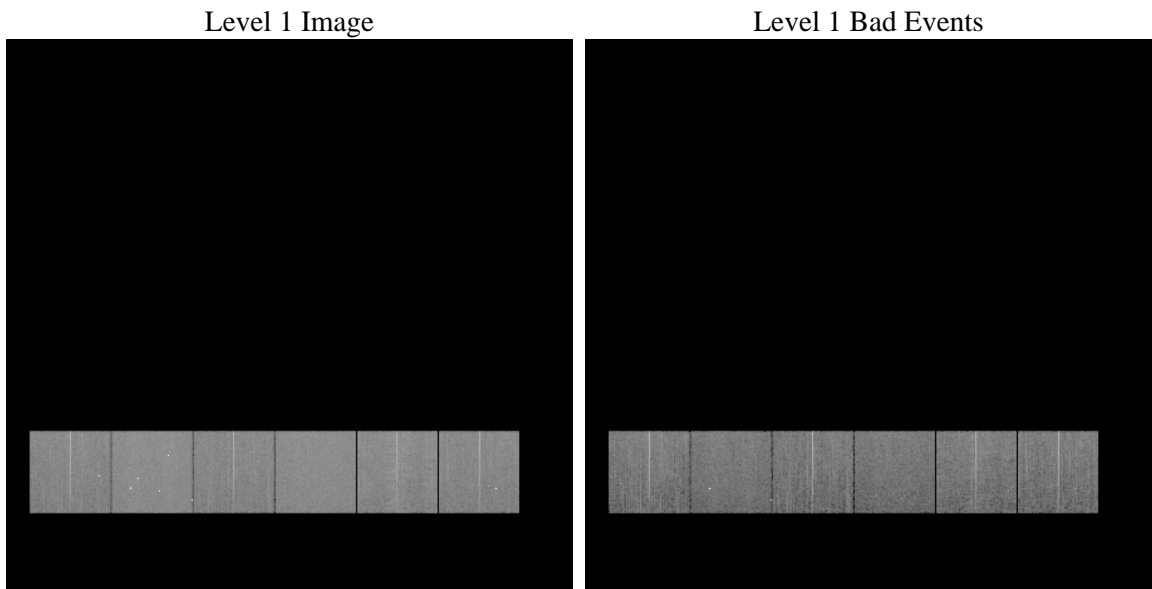
1 Front

seq_num	 	Sequence number
obs_id	56928	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	334.73510625698	Nominal RA [deg]
dec_nom	13.985887286945	Nominal Dec [deg]
roll_nom	139.84377438958	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8415.9999687076	Sum of GTIs [s]
livetime	8309.431509597	Livetime [s]
ontime4	8415.9999687076	Sum of GTIs [s]
ontime5	8415.9999687076	Sum of GTIs [s]
ontime6	8415.9999687076	Sum of GTIs [s]
ontime7	8415.9999687076	Sum of GTIs [s]
ontime8	8415.9999687076	Sum of GTIs [s]
ontime9	8412.7589683533	Sum of GTIs [s]
l2events	516245	Number of level 2 events

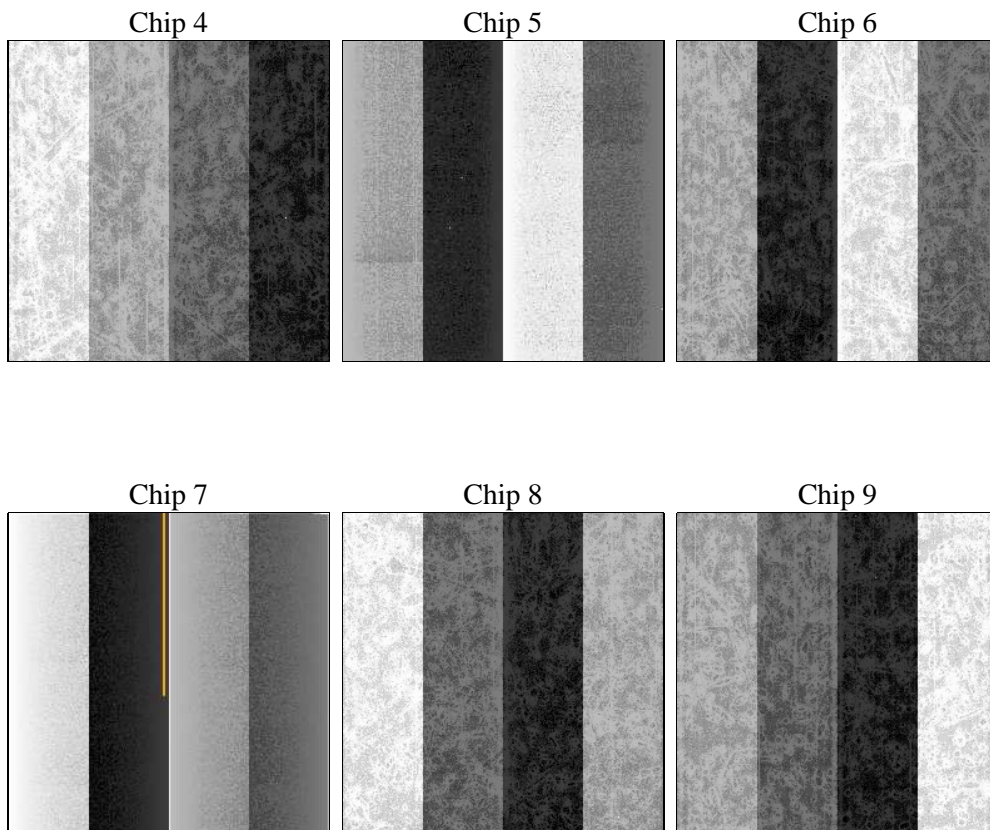
2 OBI

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	8.4.5	Processing system revision	ontime	8415.9999687076	Sum of GTIs [s]
caldbver	4.4.10	 	ontime4	8415.9999687076	Sum of GTIs [s]
date	2012-06-11T01:35:48	Date and time of file creation	ontime5	8415.9999687076	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8415.9999687076	Sum of GTIs [s]
			ontime7	8415.9999687076	Sum of GTIs [s]
			ontime8	8415.9999687076	Sum of GTIs [s]
			ontime9	8412.7589683533	Sum of GTIs [s]
			l1events	1084833	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	168036	209404	164806	190472	184491	167624	grade 0 events	44709	21834	42008	20883	46132	41581
rejected events	91330	82645	84527	74140	90746	87316		26%	10%	25%	10%	25%	24%
rejected %	54%	39%	51%	38%	49%	52%	grade 1 events	500	445	263	152	339	309
								0%	0%	0%	0%	0%	0%
							grade 2 events	11557	44575	14588	25514	17669	16174
								6%	21%	8%	13%	9%	9%
							grade 3 events	5287	5007	5171	10494	7067	5114
								3%	2%	3%	5%	3%	3%
							grade 4 events	5364	4684	5233	10181	6677	5208
								3%	2%	3%	5%	3%	3%
							grade 5 events	4415	10982	4587	11389	6159	5270
								2%	5%	2%	5%	3%	3%
							grade 6 events	10071	51164	13568	49705	16555	12536
								5%	24%	8%	26%	8%	7%
							grade 7 events	86133	70713	79388	62154	83893	81432
								51%	33%	48%	32%	45%	48%

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	0	334.7351062569831	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	13.98588728694497	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	139.8437743895844	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119			
[mm] SIM defocus	0.8505140384245534	0.8505140384245534			
[mm] SIM translation stage pos	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	365126936.866897	365126936.866897			
Observation start date	2009-07-28T00:08:57	2009-07-28T00:08:56			
[s] Observation end time (MET)	365136932.835927	365136932.835927			
Observation end date	2009-07-28T02:55:33	2009-07-28T02:55:32			
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)	2012.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4159999687076

A.2 Comments