

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57249 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 2 2012

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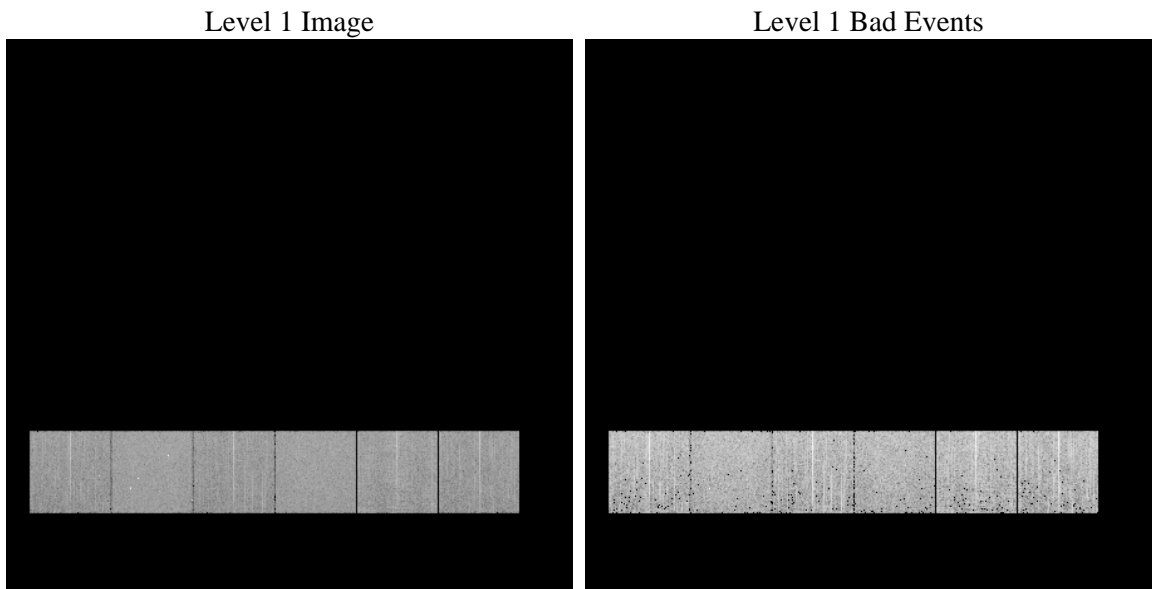
1 Front

seq_num	 	Sequence number
obs_id	57249	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	155.94005574641	Nominal RA [deg]
dec_nom	-16.03368216326	Nominal Dec [deg]
roll_nom	331.67493480143	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3272.3902265429	Sum of GTIs [s]
livetime	3230.9532510976	Livetime [s]
ontime4	3272.2671065331	Sum of GTIs [s]
ontime5	3272.3491865396	Sum of GTIs [s]
ontime6	3272.3081465364	Sum of GTIs [s]
ontime7	3272.3902265429	Sum of GTIs [s]
ontime8	3272.2260665298	Sum of GTIs [s]
ontime9	3272.4312665462	Sum of GTIs [s]
l2events	215525	Number of level 2 events

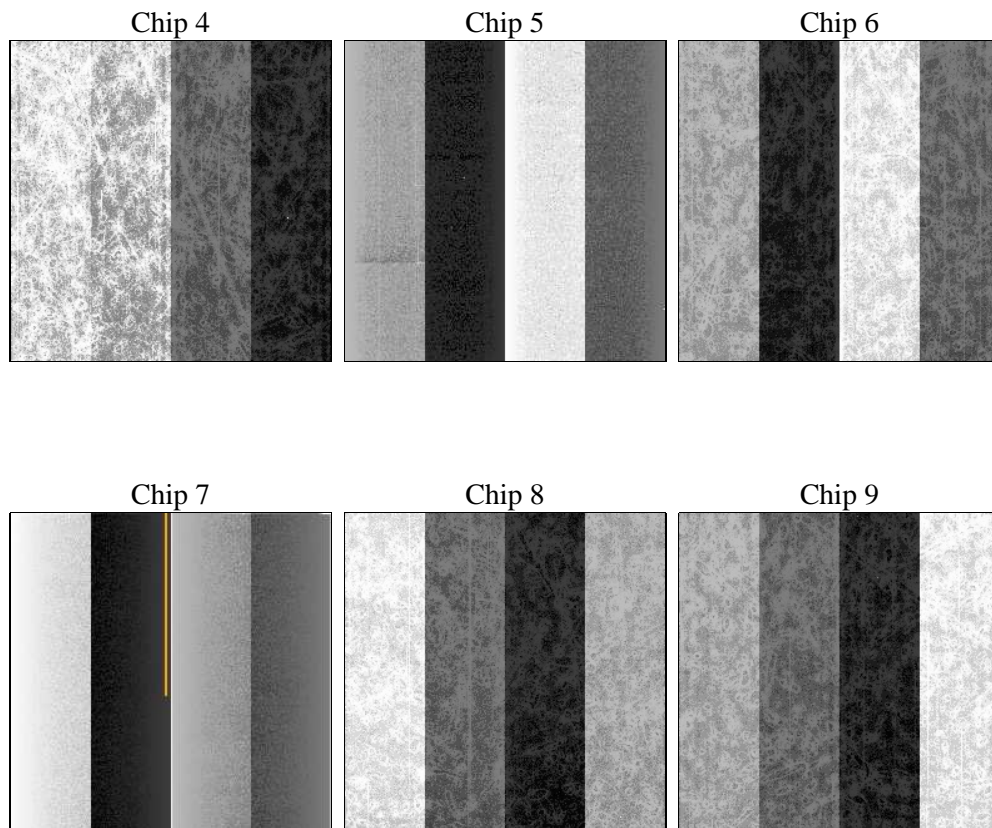
2 OBI

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	3272.3902265429	Sum of GTIs [s]
caldbver	4.4.9	 	ontime4	3272.2671065331	Sum of GTIs [s]
date	2012-06-02T05:39:19	Date and time of file creation	ontime5	3272.3491865396	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3272.3081465364	Sum of GTIs [s]
			ontime7	3272.3902265429	Sum of GTIs [s]
			ontime8	3272.2260665298	Sum of GTIs [s]
			ontime9	3272.4312665462	Sum of GTIs [s]
			l1events	424320	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	64012	77948	65340	76001	74115	66904
rejected events	32064	29208	31853	28088	34397	33720
rejected %	50%	37%	48%	36%	46%	50%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	17947	7970	17488	8996	19700	17717
	28%	10%	26%	11%	26%	26%
grade 1 events	188	173	110	73	151	146
	0%	0%	0%	0%	0%	0%
grade 2 events	5202	17040	6114	10302	7214	5815
	8%	21%	9%	13%	9%	8%
grade 3 events	2288	2208	2235	4574	3003	2291
	3%	2%	3%	6%	4%	3%
grade 4 events	2209	2188	2176	4438	2829	2194
	3%	2%	3%	5%	3%	3%
grade 5 events	1635	3963	1781	4571	2274	1976
	2%	5%	2%	6%	3%	2%
grade 6 events	4302	19334	5474	19603	6972	5167
	6%	24%	8%	25%	9%	7%
grade 7 events	30241	25072	29962	23444	31972	31598
	47%	32%	45%	30%	43%	47%

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	 	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	155.9400557464061	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-16.03368216326029	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	331.6749348014262	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	352746781.249739	352746780.22474			
Observation start date	2009-03-06T17:13:01	2009-03-06T17:13:00			
[s] Observation end time (MET)	352751898.049993	352751897.025			
Observation end date	2009-03-06T18:38:18	2009-03-06T18:38:17			
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)	2012.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2723902265429

A.2 Comments