

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59732 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 21 2012

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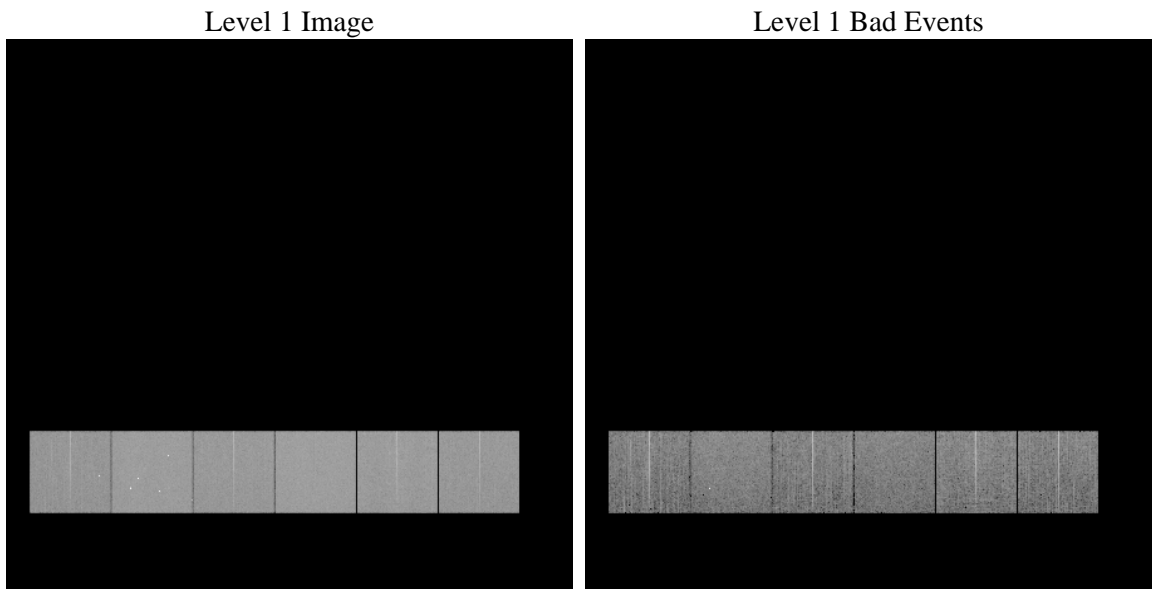
1 Front

seq_num	 	Sequence number
obs_id	59732	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	328.00963225341	Nominal RA [deg]
dec_nom	40.027635568757	Nominal Dec [deg]
roll_nom	42.208983650561	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8278.0039790273	Sum of GTIs [s]
livetime	8173.1829082292	Livetime [s]
ontime4	6566.6543650031	Sum of GTIs [s]
ontime5	8277.962939024	Sum of GTIs [s]
ontime6	7062.5619803965	Sum of GTIs [s]
ontime7	8278.0039790273	Sum of GTIs [s]
ontime8	7341.2024948895	Sum of GTIs [s]
ontime9	6952.4924401641	Sum of GTIs [s]
l2events	1089834	Number of level 2 events

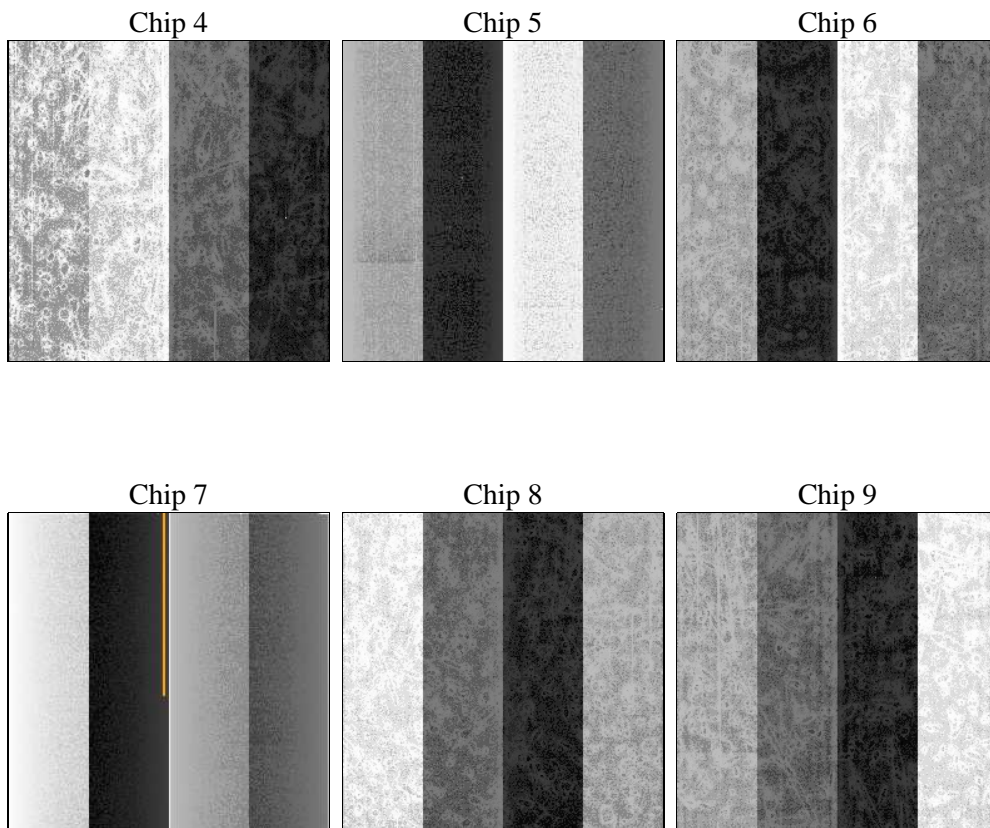
2 OBI

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	8.5.1.1	Processing system revision	ontime	8278.0039790273	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	6566.6543650031	Sum of GTIs [s]
date	2012-12-21T05:12:51	Date and time of file creation	ontime5	8277.962939024	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7062.5619803965	Sum of GTIs [s]
			ontime7	8278.0039790273	Sum of GTIs [s]
			ontime8	7341.2024948895	Sum of GTIs [s]
			ontime9	6952.4924401641	Sum of GTIs [s]
			l1events	1492394	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	212655	273260	238354	281556	258618	227951	grade 0 events	93041	49045	99966	54064	107621	96504
rejected events	52359	58852	53708	51101	60240	52647		43%	17%	41%	19%	41%	42%
rejected %	24%	21%	22%	18%	23%	23%	grade 1 events	724	198	542	159	562	608
								0%	0%	0%	0%	0%	0%
							grade 2 events	25576	76179	32177	50549	34517	29780
								12%	27%	13%	17%	13%	13%
							grade 3 events	10788	12285	11668	22891	13079	11277
								5%	4%	4%	8%	5%	4%
							grade 4 events	10586	12052	11466	22772	12913	11245
								4%	4%	4%	8%	4%	4%
							grade 5 events	2912	9061	3358	9100	4226	3550
								1%	3%	1%	3%	1%	1%
							grade 6 events	20382	64920	29457	80273	30344	26571
								9%	23%	12%	28%	11%	11%
							grade 7 events	48646	49520	49720	41748	55356	48416
								22%	18%	20%	14%	21%	21%

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	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	328.0096322534105	Alternating exposures requested	N	N
[deg] Pointing Dec	0	40.02763556875712	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	42.20898365056136			
[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)	227576988.387771	227576987.36277			
Observation start date	2005-03-18T23:49:48	2005-03-18T23:49:47			
[s] Observation end time (MET)	227600460.888836	227600459.86384			
Observation end date	2005-03-19T06:21:01	2005-03-19T06:20:59			
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)	2013.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2780039790273

A.2 Comments