

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55532 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

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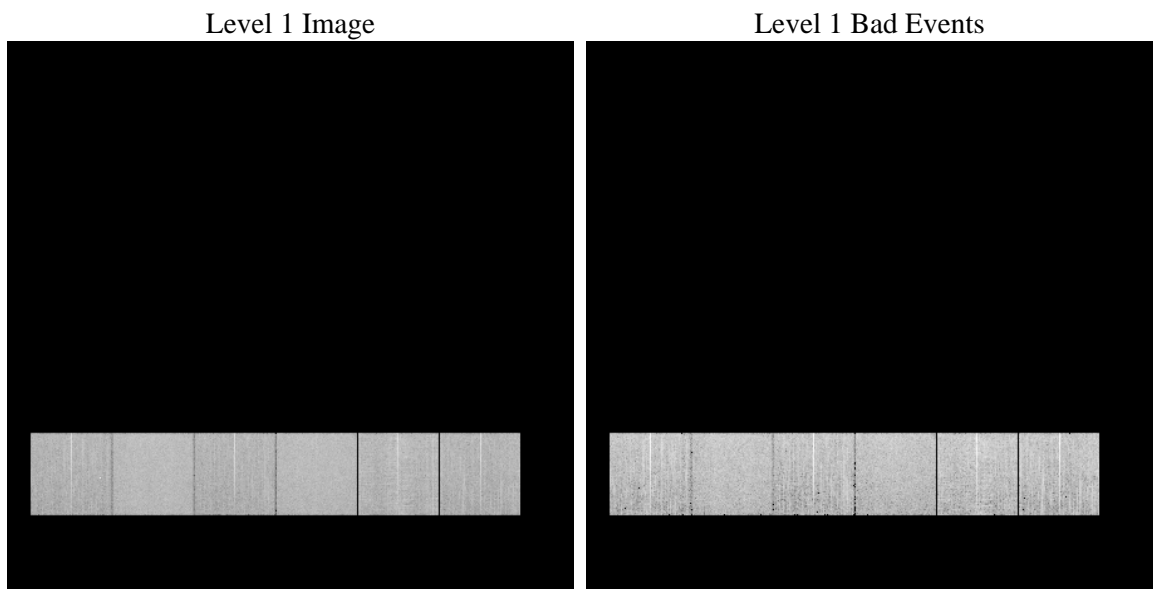
1 Front

seq_num	 	Sequence number
obs_id	55532	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	200.02741901159	Nominal RA [deg]
dec_nom	-37.981028586722	Nominal Dec [deg]
roll_nom	7.7321984801616	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8281.5999692082	Sum of GTIs [s]
livetime	8176.7333638173	Livetime [s]
ontime4	8278.3589888215	Sum of GTIs [s]
ontime5	8281.5999692082	Sum of GTIs [s]
ontime6	8281.5999692082	Sum of GTIs [s]
ontime7	8281.5999692082	Sum of GTIs [s]
ontime8	8281.5999692082	Sum of GTIs [s]
ontime9	8281.5999692082	Sum of GTIs [s]
l2events	347298	Number of level 2 events

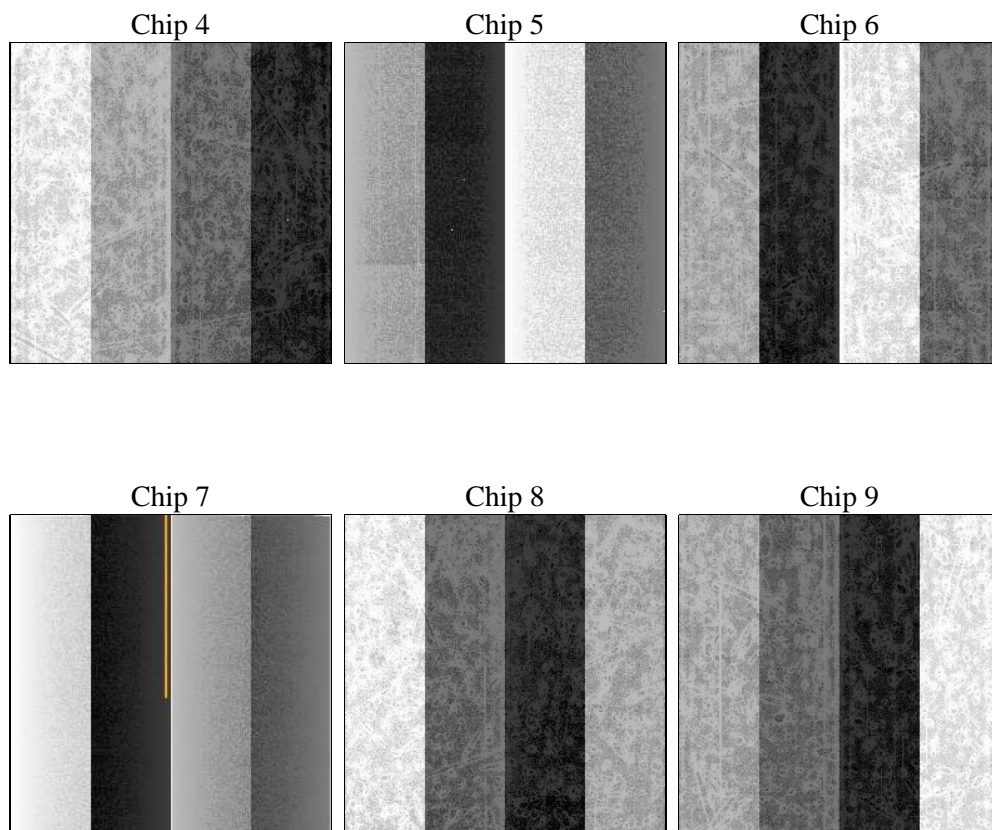
2 OBI

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	8.4.3	Processing system revision	ontime	8281.5999692082	Sum of GTIs [s]
caldsver	4.4.7	 	ontime4	8278.3589888215	Sum of GTIs [s]
date	2012-02-07T16:16:40	Date and time of file creation	ontime5	8281.5999692082	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8281.5999692082	Sum of GTIs [s]
			ontime7	8281.5999692082	Sum of GTIs [s]
			ontime8	8281.5999692082	Sum of GTIs [s]
			ontime9	8281.5999692082	Sum of GTIs [s]
			l1events	733363	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	109000	138757	108849	135576	128334	112847	grade 0 events	28212	9427	27242	13810	30451	27325
rejected events	59092	58579	56086	56000	64114	61179		25%	6%	25%	10%	23%	24%
rejected %	54%	42%	51%	41%	49%	54%	grade 1 events	259	154	140	103	168	157
								0%	0%	0%	0%	0%	0%
							grade 2 events	8011	28953	9723	17201	12415	9108
								7%	20%	8%	12%	9%	8%
							grade 3 events	3511	3340	3419	7169	4892	3513
								3%	2%	3%	5%	3%	3%
							grade 4 events	3548	3341	3393	7170	4567	3502
								3%	2%	3%	5%	3%	3%
							grade 5 events	3374	7467	3525	8768	4610	4044
								3%	5%	3%	6%	3%	3%
							grade 6 events	6650	35145	8999	34258	11916	8244
								6%	25%	8%	25%	9%	7%
							grade 7 events	55435	50930	52408	47097	59315	56954
								50%	36%	48%	34%	46%	50%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	200.0274190115902	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-37.98102858672249	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	7.732198480161617	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	418582368.542513	418582367.51752			
Observation start date	2011-04-07T16:52:49	2011-04-07T16:52:47			
[s] Observation end time (MET)	418592548.843041	418592547.81805			
Observation end date	2011-04-07T19:42:29	2011-04-07T19:42:27			
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)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2815999692082

A.2 Comments