

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59284 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 17 2012

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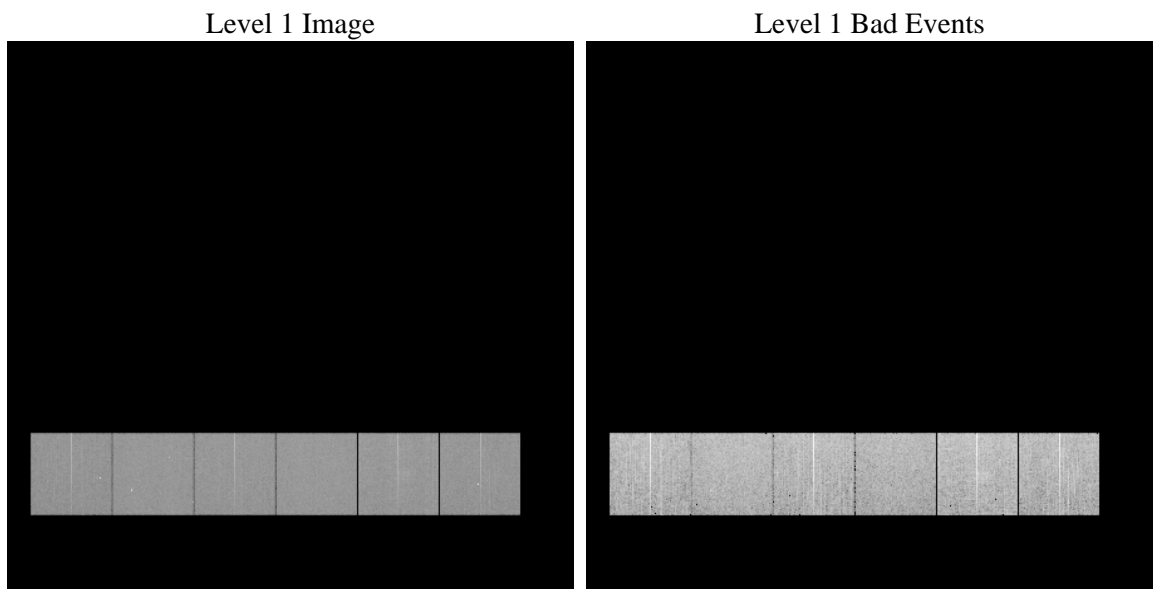
1 Front

seq_num	 	Sequence number
obs_id	59284	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	93.888541463588	Nominal RA [deg]
dec_nom	21.024693385083	Nominal Dec [deg]
roll_nom	84.098121922193	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7795.1999709606	Sum of GTIs [s]
livetime	7696.4924552224	Livetime [s]
ontime4	7283.1261542439	Sum of GTIs [s]
ontime5	7795.1999709606	Sum of GTIs [s]
ontime6	7710.9345137179	Sum of GTIs [s]
ontime7	7795.1999709606	Sum of GTIs [s]
ontime8	7769.2720988989	Sum of GTIs [s]
ontime9	7620.1875145435	Sum of GTIs [s]
l2events	967536	Number of level 2 events

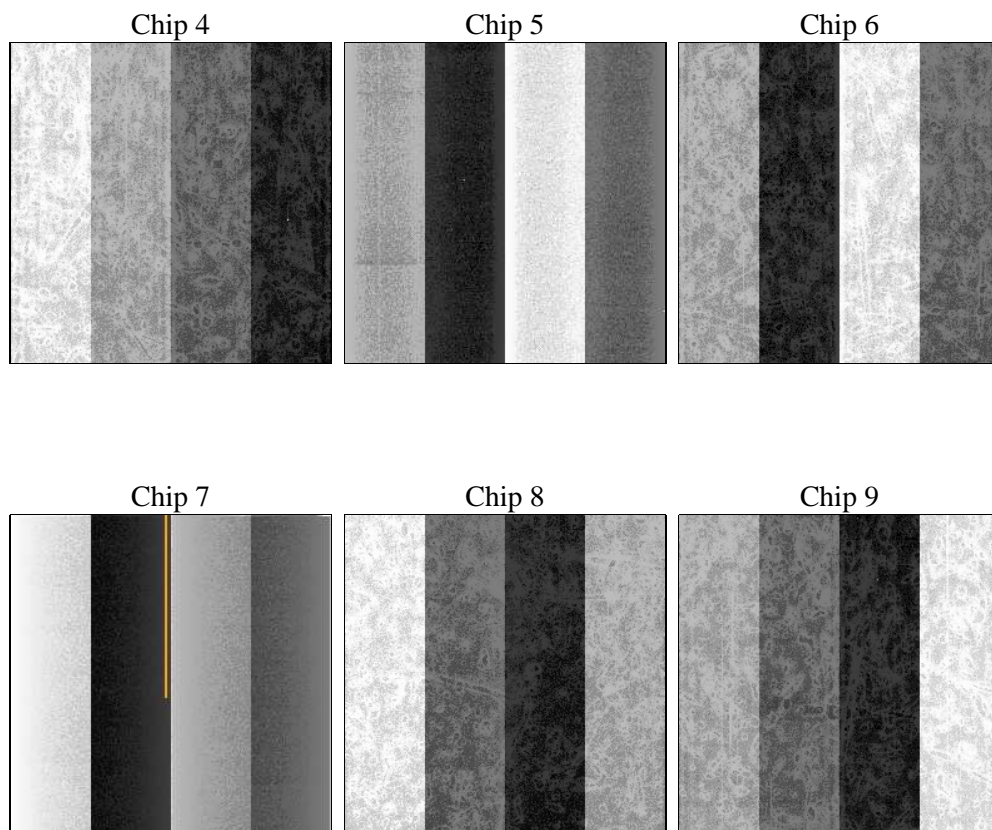
2 OBI

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	7795.1999709606	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	7283.1261542439	Sum of GTIs [s]
date	2012-03-17T17:51:35	Date and time of file creation	ontime5	7795.1999709606	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7710.9345137179	Sum of GTIs [s]
			ontime7	7795.1999709606	Sum of GTIs [s]
			ontime8	7769.2720988989	Sum of GTIs [s]
			ontime9	7620.1875145435	Sum of GTIs [s]
			l1events	1397456	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	212566	232534	233071	243471	249392	226422	grade 0 events	87292	36553	92599	45041	96116	89409
rejected events	61838	56982	61622	50963	69169	61098		41%	15%	39%	18%	38%	39%
rejected %	29%	24%	26%	20%	27%	26%	grade 1 events	727	211	505	170	577	574
								0%	0%	0%	0%	0%	0%
							grade 2 events	23928	62456	30120	42382	32291	30186
								11%	26%	12%	17%	12%	13%
							grade 3 events	10070	10380	10822	19248	12142	10651
								4%	4%	4%	7%	4%	4%
							grade 4 events	10089	10332	10613	18876	11810	10372
								4%	4%	4%	7%	4%	4%
							grade 5 events	3360	8809	3917	9170	4679	4073
								1%	3%	1%	3%	1%	1%
							grade 6 events	19413	55908	27373	67046	27935	24769
								9%	24%	11%	27%	11%	10%
							grade 7 events	57687	47885	57122	41538	63842	56388
								27%	20%	24%	17%	25%	24%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	93.88854146358833
[deg] Pointing Dec	0	21.02469338508287
[deg] Pointing Roll	0.0	84.09812192219272
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	249470915.590165	249470914.56513
Observation start date	2005-11-27T09:28:36	2005-11-27T09:28:34
[s] Observation end time (MET)	249513731.892146	249513730.8671
Observation end date	2005-11-27T21:22:12	2005-11-27T21:22:10
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.03.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7951999709606

A.2 Comments