

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59360 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 31 2012

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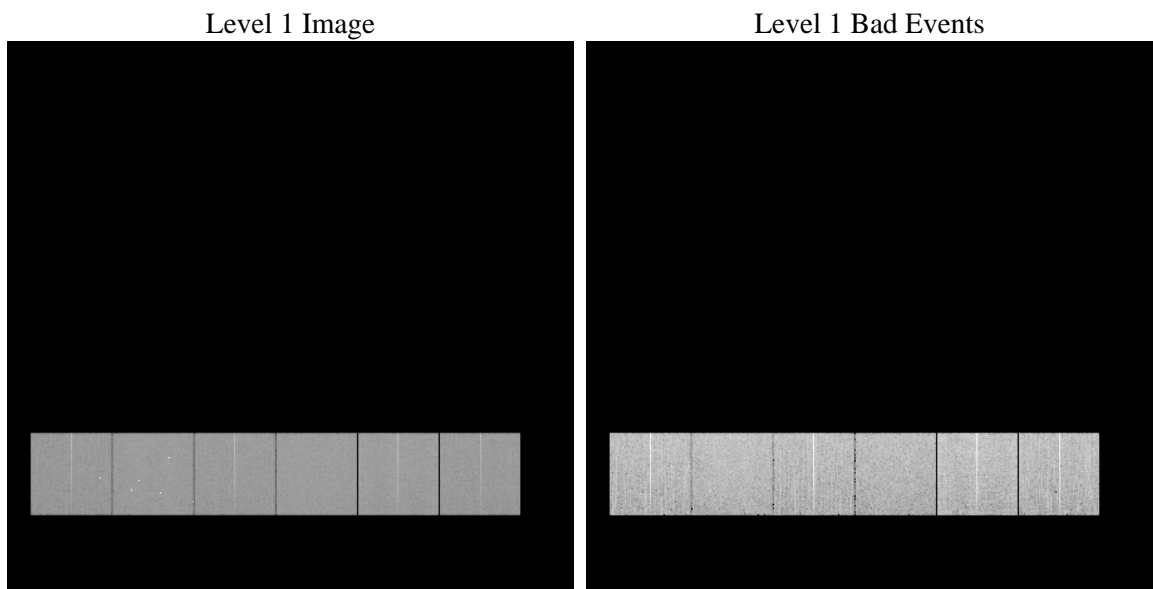
1 Front

seq_num	 	Sequence number
obs_id	59360	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	0.023830111669849	Nominal RA [deg]
dec_nom	-0.015825865494876	Nominal Dec [deg]
roll_nom	293.49463783686	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7875.1999706626	Sum of GTIs [s]
livetime	7775.4794467579	Livetime [s]
ontime4	7346.7979884446	Sum of GTIs [s]
ontime5	7875.1601467431	Sum of GTIs [s]
ontime6	7719.5519921184	Sum of GTIs [s]
ontime7	7875.1999706626	Sum of GTIs [s]
ontime8	7875.037026763	Sum of GTIs [s]
ontime9	7681.1524285674	Sum of GTIs [s]
l2events	983494	Number of level 2 events

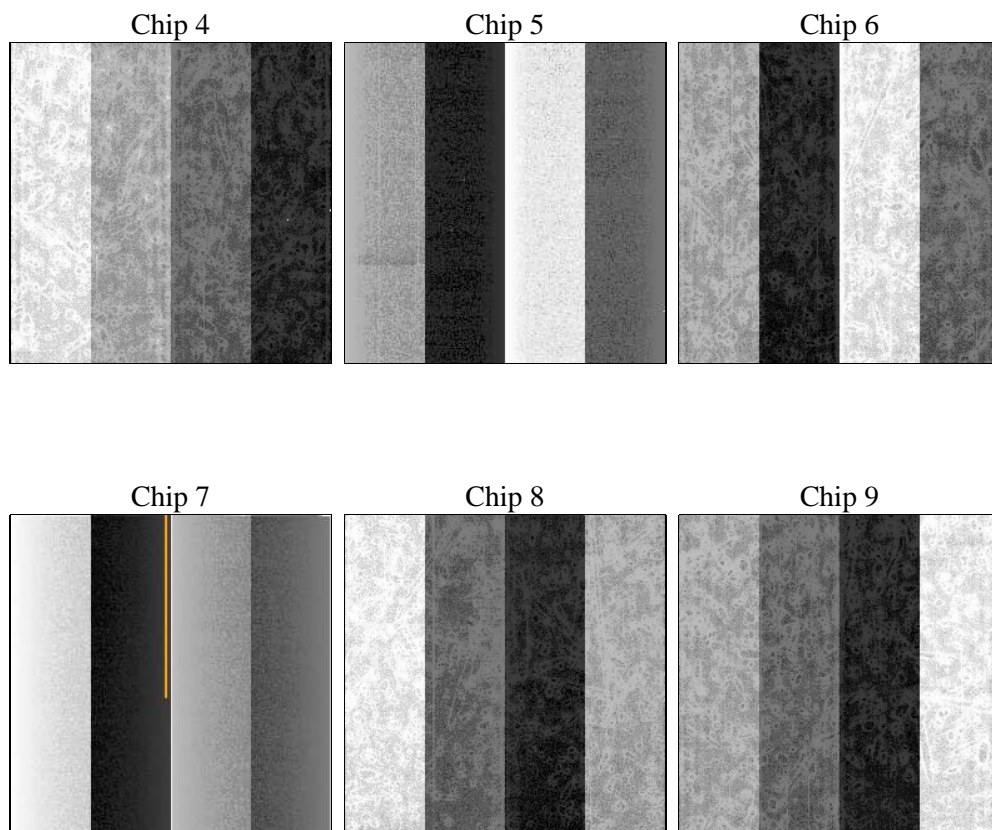
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	7875.1999706626	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	7346.7979884446	Sum of GTIs [s]
date	2012-12-31T04:57:47	Date and time of file creation	ontime5	7875.1601467431	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7719.5519921184	Sum of GTIs [s]
			ontime7	7875.1999706626	Sum of GTIs [s]
			ontime8	7875.037026763	Sum of GTIs [s]
			ontime9	7681.1524285674	Sum of GTIs [s]
			l1events	1424316	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	217824	241369	233721	248434	254192	228776	grade 0 events	91113	41347	94408	45426	99521	91541
rejected events	63048	59303	60617	53304	69197	62618		41%	17%	40%	18%	39%	40%
rejected %	28%	24%	25%	21%	27%	27%	grade 1 events	825	196	538	160	588	564
								0%	0%	0%	0%	0%	0%
							grade 2 events	24197	64477	30324	43228	33494	28888
								11%	26%	12%	17%	13%	12%
							grade 3 events	10517	9976	10909	19215	12530	10848
								4%	4%	4%	7%	4%	4%
							grade 4 events	10435	10067	11003	19352	12410	10868
								4%	4%	4%	7%	4%	4%
							grade 5 events	3598	8707	3653	8981	4752	4092
								1%	3%	1%	3%	1%	1%
							grade 6 events	19758	57874	28112	69729	28853	25602
								9%	23%	12%	28%	11%	11%
							grade 7 events	57381	48725	54774	42343	62044	56373
								26%	20%	23%	17%	24%	24%

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	0.02383011166984872	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-0.01582586549487619	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	293.4946378368593			
[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)	247001555.176149	247001554.15114			
Observation start date	2005-10-29T19:32:35	2005-10-29T19:32:34			
[s] Observation end time (MET)	247024158.477191	247024157.45218			
Observation end date	2005-10-30T01:49:18	2005-10-30T01:49:17			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8751999706626

A.2 Comments