

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60072 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 8 2012

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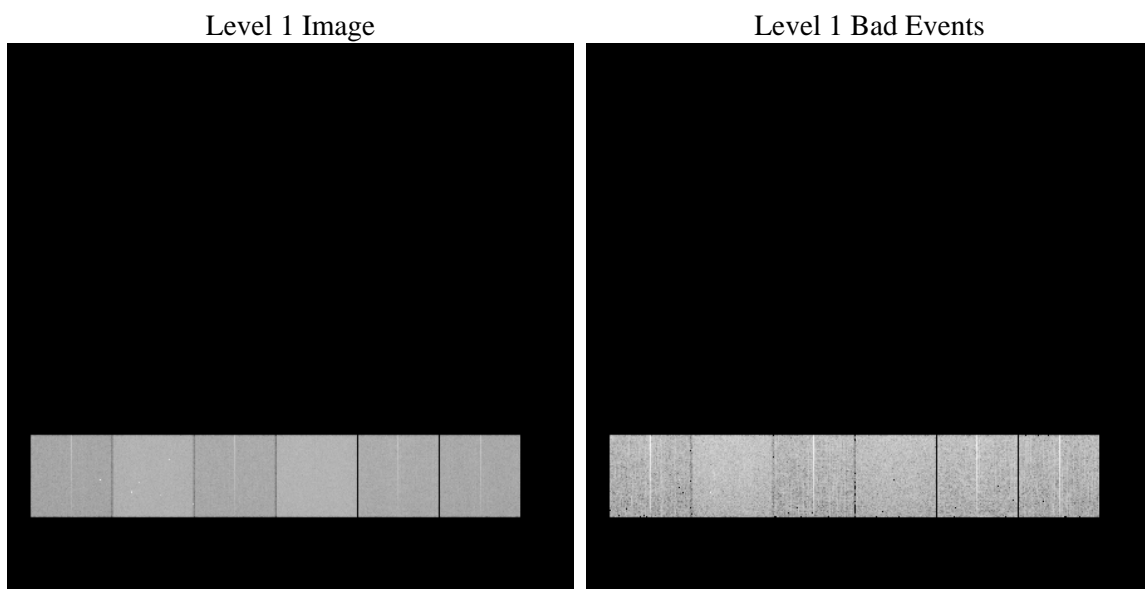
1 Front

seq_num	 	Sequence number
obs_id	60072	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	346.02070943151	Nominal RA [deg]
dec_nom	-24.978319770914	Nominal Dec [deg]
roll_nom	16.277298528657	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8278.3999691606	Sum of GTIs [s]
livetime	8173.573884097	Livetime [s]
ontime4	5314.5227507055	Sum of GTIs [s]
ontime5	8278.3999691606	Sum of GTIs [s]
ontime6	5787.6646476984	Sum of GTIs [s]
ontime7	8278.3999691606	Sum of GTIs [s]
ontime8	5970.8262697458	Sum of GTIs [s]
ontime9	5675.8971062303	Sum of GTIs [s]
l2events	1134173	Number of level 2 events

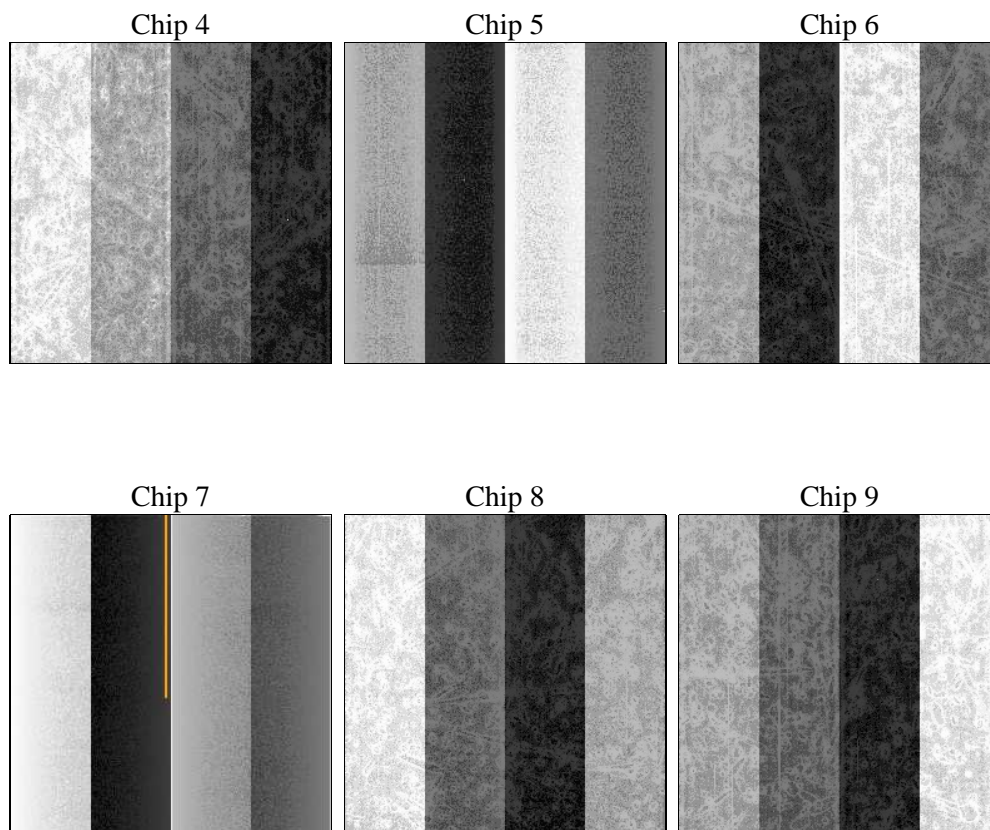
2 OBI

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	Processing system revision	ontime	8278.3999691606	Sum of GTIs [s]
caldsver	4.5.4	 	ontime4	5314.5227507055	Sum of GTIs [s]
date	2012-12-08T11:17:58	Date and time of file creation	ontime5	8278.3999691606	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5787.6646476984	Sum of GTIs [s]
			ontime7	8278.3999691606	Sum of GTIs [s]
			ontime8	5970.8262697458	Sum of GTIs [s]
			ontime9	5675.8971062303	Sum of GTIs [s]
			l1events	1499424	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	198234	299185	224486	319570	242181	215768	grade 0 events	89038	51360	96638	64888	102330	92504
rejected events	44498	59607	45969	51136	52141	46344		44%	17%	43%	20%	42%	42%
rejected %	22%	19%	20%	16%	21%	21%	grade 1 events	726	240	558	212	592	581
								0%	0%	0%	0%	0%	0%
							grade 2 events	24387	87323	30713	58939	33527	29109
								12%	29%	13%	18%	13%	13%
							grade 3 events	10218	13948	11180	26454	12607	10968
								5%	4%	4%	8%	5%	5%
							grade 4 events	10200	13806	10942	26503	12092	10774
								5%	4%	4%	8%	4%	4%
							grade 5 events	2602	9488	2923	9083	3601	3125
								1%	3%	1%	2%	1%	1%
							grade 6 events	19893	73141	29044	91650	29557	26069
								10%	24%	12%	28%	12%	12%
							grade 7 events	41170	49879	42488	41841	47875	42638
								20%	16%	18%	13%	19%	19%

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	346.0207094315098	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-24.97831977091394	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	16.27729852865745			
[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)	210442698.117185	210442697.09217			
Observation start date	2004-09-01T16:18:18	2004-09-01T16:18:17			
[s] Observation end time (MET)	210466510.918247	210466509.89323			
Observation end date	2004-09-01T22:55:11	2004-09-01T22:55:09			
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)	2012.12.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2783999691606

A.2 Comments