

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58727 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 12 2012

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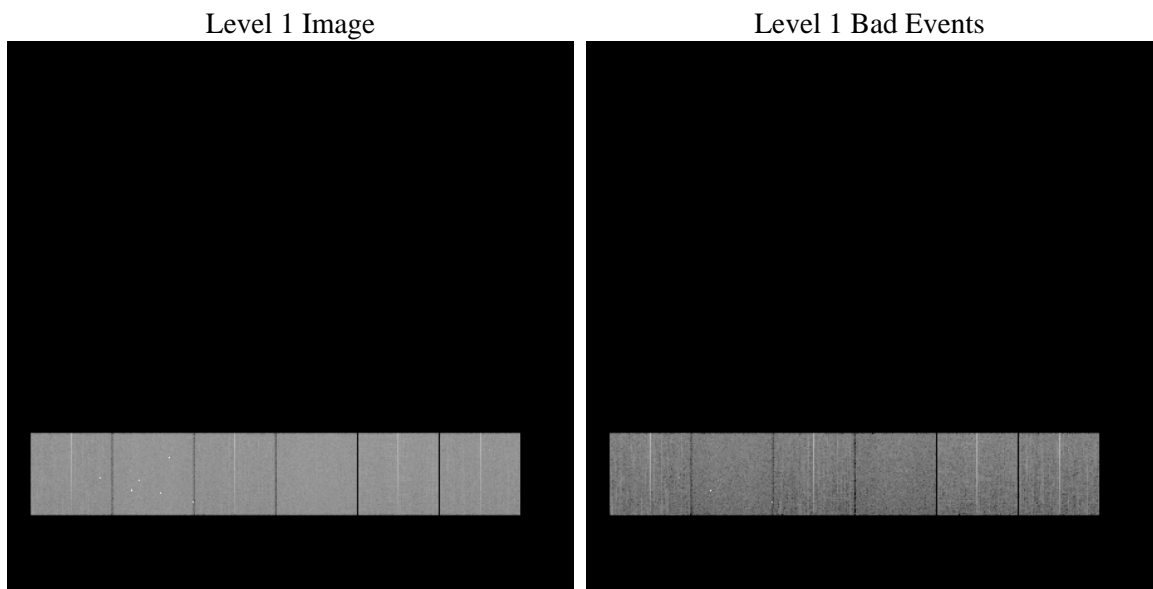
1 Front

seq_num	 	Sequence number
obs_id	58727	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	47.463815147005	Nominal RA [deg]
dec_nom	38.002349763416	Nominal Dec [deg]
roll_nom	142.45809902153	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8188.1096541286	Sum of GTIs [s]
livetime	8084.4268794003	Livetime [s]
ontime4	8187.9865341187	Sum of GTIs [s]
ontime5	8188.0686141253	Sum of GTIs [s]
ontime6	8188.027574122	Sum of GTIs [s]
ontime7	8188.1096541286	Sum of GTIs [s]
ontime8	8187.9454941154	Sum of GTIs [s]
ontime9	8188.1506941319	Sum of GTIs [s]
l2events	845619	Number of level 2 events

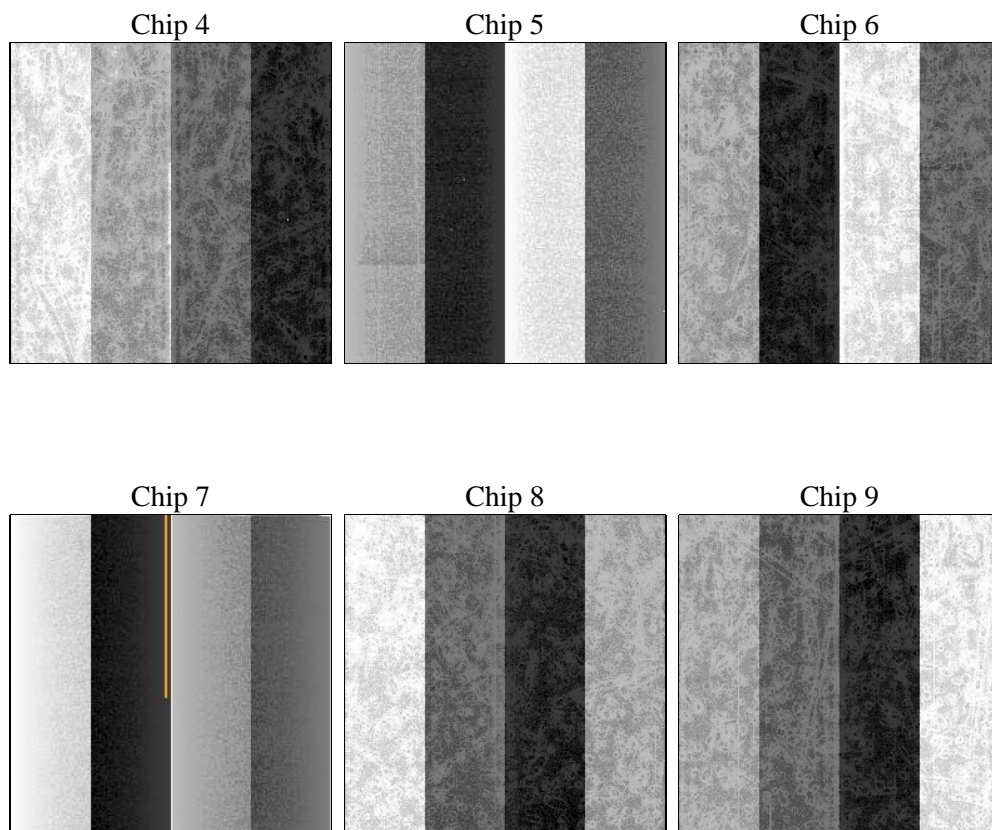
2 OBI

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	8.4.3.1	Processing system revision	ontime	8188.1096541286	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8187.9865341187	Sum of GTIs [s]
date	2012-04-12T09:14:41	Date and time of file creation	ontime5	8188.0686141253	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8188.027574122	Sum of GTIs [s]
			ontime7	8188.1096541286	Sum of GTIs [s]
			ontime8	8187.9454941154	Sum of GTIs [s]
			ontime9	8188.1506941319	Sum of GTIs [s]
			l1events	1364865	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	218239	240807	218824	234667	235717	216611	grade 0 events	80455	34675	78541	37908	82706	77079
rejected events	81210	73413	74444	63119	80444	76947		36%	14%	35%	16%	35%	35%
rejected %	37%	30%	34%	26%	34%	35%	grade 1 events	719	361	443	155	498	561
								0%	0%	0%	0%	0%	0%
							grade 2 events	21667	59656	25225	37470	28280	24216
								9%	24%	11%	15%	11%	11%
							grade 3 events	9459	8396	9337	17117	10549	9265
								4%	3%	4%	7%	4%	4%
							grade 4 events	9216	8323	9230	16610	10613	9260
								4%	3%	4%	7%	4%	4%
							grade 5 events	4004	10847	4371	10445	5369	4698
								1%	4%	1%	4%	2%	2%
							grade 6 events	17727	58134	23561	64192	24710	21343
								8%	24%	10%	27%	10%	9%
							grade 7 events	74992	60415	68116	50770	72992	70189
								34%	25%	31%	21%	30%	32%

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	47.46381514700484
[deg] Pointing Dec	0	38.00234976341581
[deg] Pointing Roll	0.0	142.4580990215339
[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)	278070860.525011	278070859.50001
Observation start date	2006-10-24T09:54:21	2006-10-24T09:54:19
[s] Observation end time (MET)	278092170.276017	278092169.25102
Observation end date	2006-10-24T15:49:30	2006-10-24T15:49:29
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.04.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1881096541286

A.2 Comments