

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58738 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 11 2012

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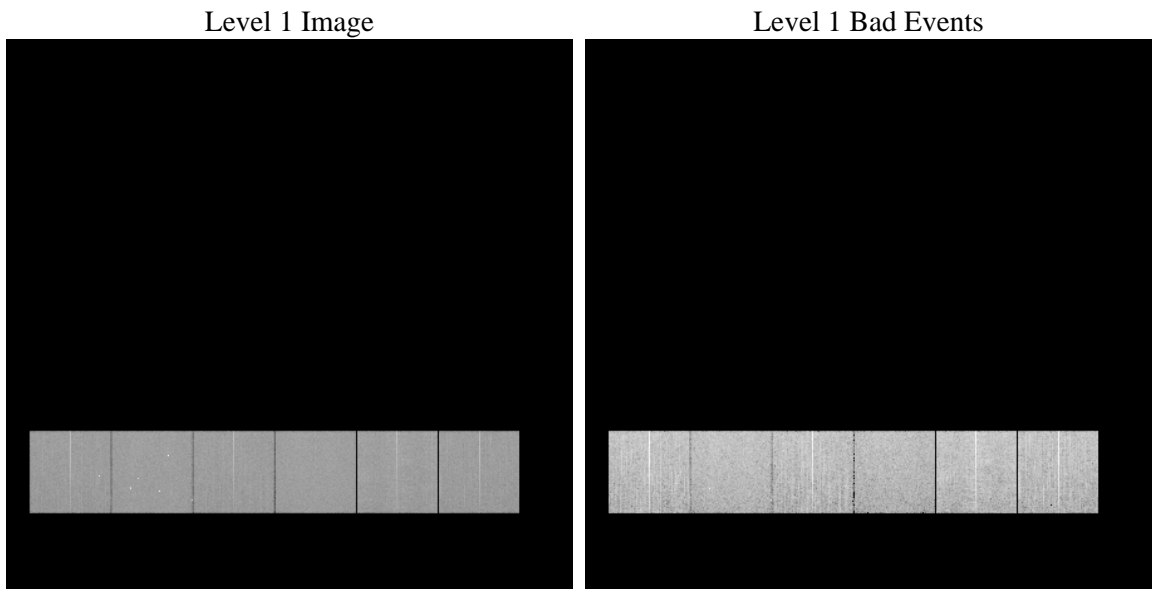
1 Front

seq_num	 	Sequence number
obs_id	58738	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	14.028730245553	Nominal RA [deg]
dec_nom	-19.990482841603	Nominal Dec [deg]
roll_nom	346.56811072757	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7797.526211679	Sum of GTIs [s]
livetime	7698.7892396801	Livetime [s]
ontime4	7781.1981501579	Sum of GTIs [s]
ontime5	7797.4851716757	Sum of GTIs [s]
ontime6	7797.4441316724	Sum of GTIs [s]
ontime7	7797.526211679	Sum of GTIs [s]
ontime8	7797.3620516658	Sum of GTIs [s]
ontime9	7797.5672516823	Sum of GTIs [s]
l2events	879469	Number of level 2 events

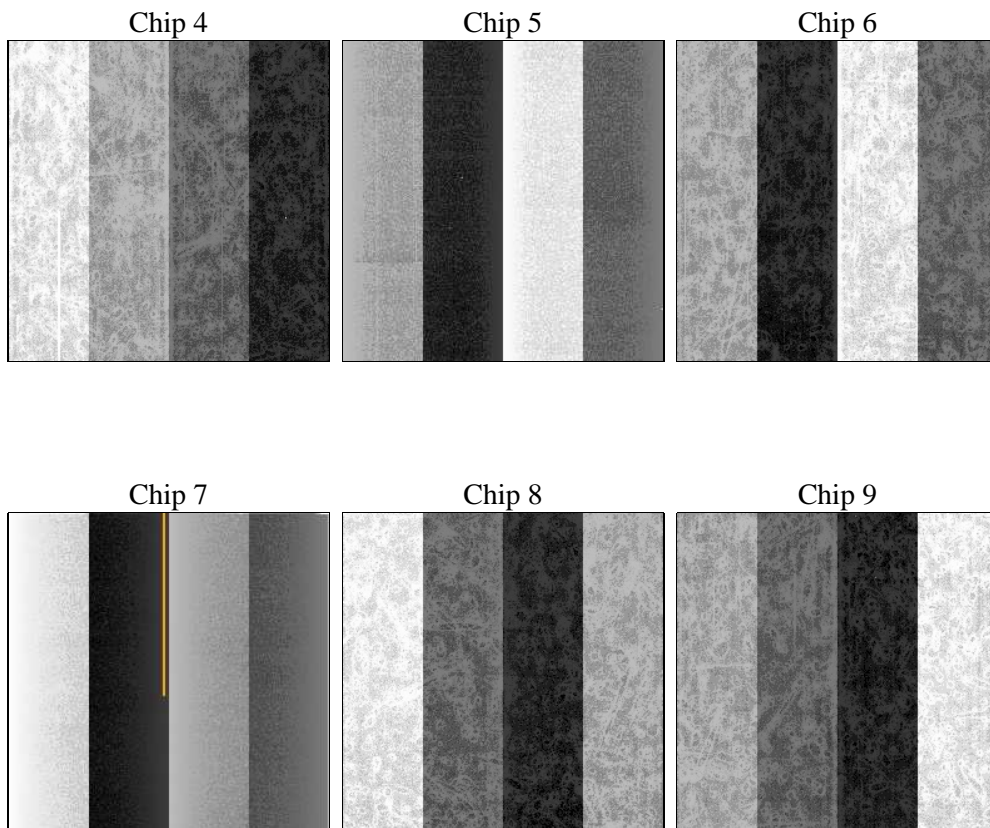
2 OBI

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	8.4.3.1	Processing system revision	ontime	7797.526211679	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7781.1981501579	Sum of GTIs [s]
date	2012-04-11T17:19:11	Date and time of file creation	ontime5	7797.4851716757	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7797.4441316724	Sum of GTIs [s]
			ontime7	7797.526211679	Sum of GTIs [s]
			ontime8	7797.3620516658	Sum of GTIs [s]
			ontime9	7797.5672516823	Sum of GTIs [s]
			l1events	1366377	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	218578	230973	223099	232993	239805	220929	grade 0 events	82023	33508	80310	38597	85087	79479
rejected events	75505	65217	71171	58213	77349	73459		37%	14%	35%	16%	35%	35%
rejected %	34%	28%	31%	24%	32%	33%	grade 1 events	763	313	496	196	539	562
								0%	0%	0%	0%	0%	0%
							grade 2 events	22198	59011	26826	38397	28675	25239
								10%	25%	12%	16%	11%	11%
							grade 3 events	9688	8478	9569	16883	11057	9518
								4%	3%	4%	7%	4%	4%
							grade 4 events	9835	8438	9360	16593	10844	9528
								4%	3%	4%	7%	4%	4%
							grade 5 events	4022	9247	4164	9828	5332	4601
								1%	4%	1%	4%	2%	2%
							grade 6 events	19329	56321	25863	64310	26793	23706
								8%	24%	11%	27%	11%	10%
							grade 7 events	70720	55657	66511	48189	71478	68296
								32%	24%	29%	20%	29%	30%

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	14.02873024555333	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-19.99048284160255	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	346.5681107275699			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	277343253.990705	277343252.96569			
Observation start date	2006-10-15T23:47:34	2006-10-15T23:47:32			
[s] Observation end time (MET)	277362626.491619	277362625.46661			
Observation end date	2006-10-16T05:10:26	2006-10-16T05:10:25			
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)	2012.04.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.797526211679

A.2 Comments