

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 62302 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 24 2009

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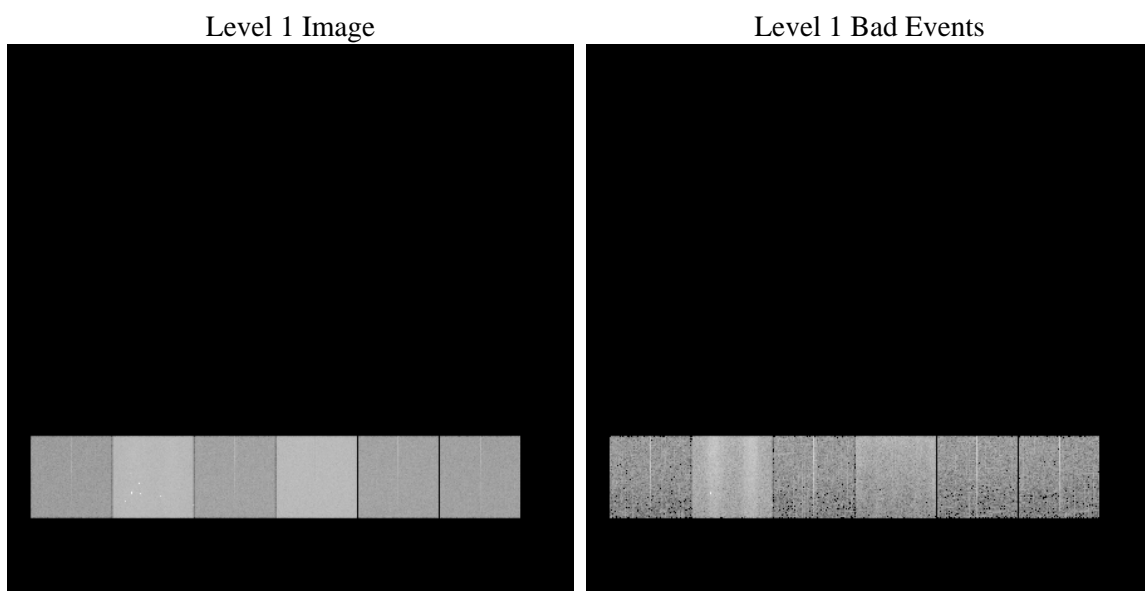
1 Front

seq_num	 	Sequence number
obs_id	62302	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
dec_targ	0.0	Observer's specified target Dec
ra_nom	95.005611623803	Nominal RA
dec_nom	-14.971539381184	Nominal Dec
roll_nom	47.445022960832	Nominal Roll
revision	4	Processing version of data
ontime	4041.3650273085	Sum of GTIs [s]
livetime	3990.1908299148	Livetime [s]
ontime4	1519.721110791	Sum of GTIs [s]
ontime5	4313.810982734	Sum of GTIs [s]
ontime6	1750.160167031	Sum of GTIs [s]
ontime7	4041.3650273085	Sum of GTIs [s]
ontime8	1762.7580413371	Sum of GTIs [s]
ontime9	1691.8214668483	Sum of GTIs [s]
l2events	1296541	Number of level 2 events

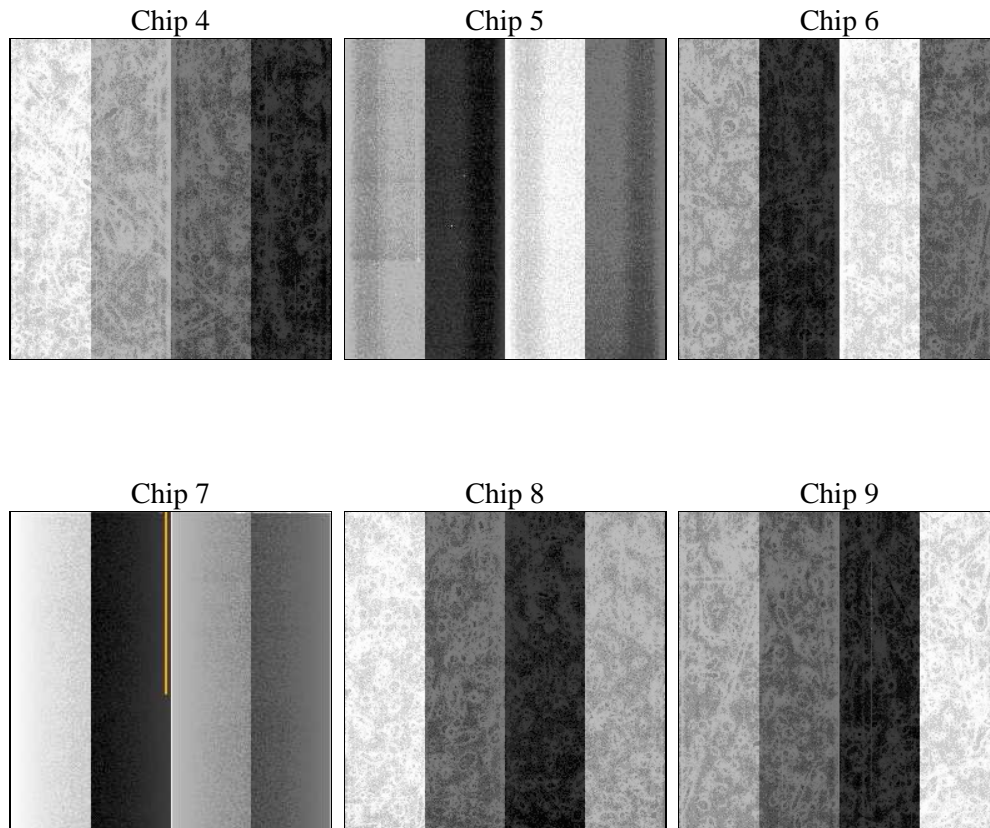
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number		
ascdsver	8.1.1	ASCDS version number	sched_exp_time	0.0
caldbver	4.1.4	 		
date	2009-11-24T16:57:16	Date and time of file creation	ontime	4041.3650273085
revision	3	Processing version of data	ontime4	1519.721110791
			ontime5	4313.810982734
			ontime6	1750.160167031
			ontime7	4041.3650273085
			ontime8	1762.7580413371
			ontime9	1691.8214668483
			l1events	1520185

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	149511	411192	183469	418804	186123	171086	grade 0 events	29403	37895	42630	67549	56369	45119
rejected events	23747	66491	26412	40424	25314	24137		19%	9%	23%	16%	30%	26%
rejected %	15%	16%	14%	9%	13%	14%	grade 1 events	106	141	160	147	226	175
								0%	0%	0%	0%	0%	0%
							grade 2 events	67702	133937	74983	106507	63790	64886
								45%	32%	40%	25%	34%	37%
							grade 3 events	3048	18231	4297	32683	5995	4763
								2%	4%	2%	7%	3%	2%
							grade 4 events	2923	15476	4367	29223	5949	4663
								1%	3%	2%	6%	3%	2%
							grade 5 events	1173	6998	1455	5864	1663	1533
								0%	1%	0%	1%	0%	0%
							grade 6 events	22688	139162	30780	142418	28706	27518
								15%	33%	16%	34%	15%	16%
							grade 7 events	22468	59352	24797	34413	23425	22429
								15%	14%	13%	8%	12%	13%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
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
Pointing RA	0	95.00561162380342	Alternating exposures requested	N	N
Pointing Dec	0	-14.97153938118374	Primary exposure time	3.2	3.2
Pointing Roll	0.0	47.44502296083233			
SIM focus pos (mm)	-0.684267	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	59659064.255317	59659063.486864			
Observation start date	1999-11-22T11:57:44	1999-11-22T11:57:43			
Observation end time	59670201.905721	59670201.137266			
Observation end date	1999-11-22T15:03:22	1999-11-22T15:03:21			
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)	2010.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.0413650273085

A.2 Comments

This observation was acquired with the focal plane temperature raised from -120C to -110C, for attempted recalibration of ACIS for the 1999-09-16 through 2000-01-28 period. This reprocessing of the data applies no CTI correction because none is available for that temperature.