

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 62898 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 24 2009

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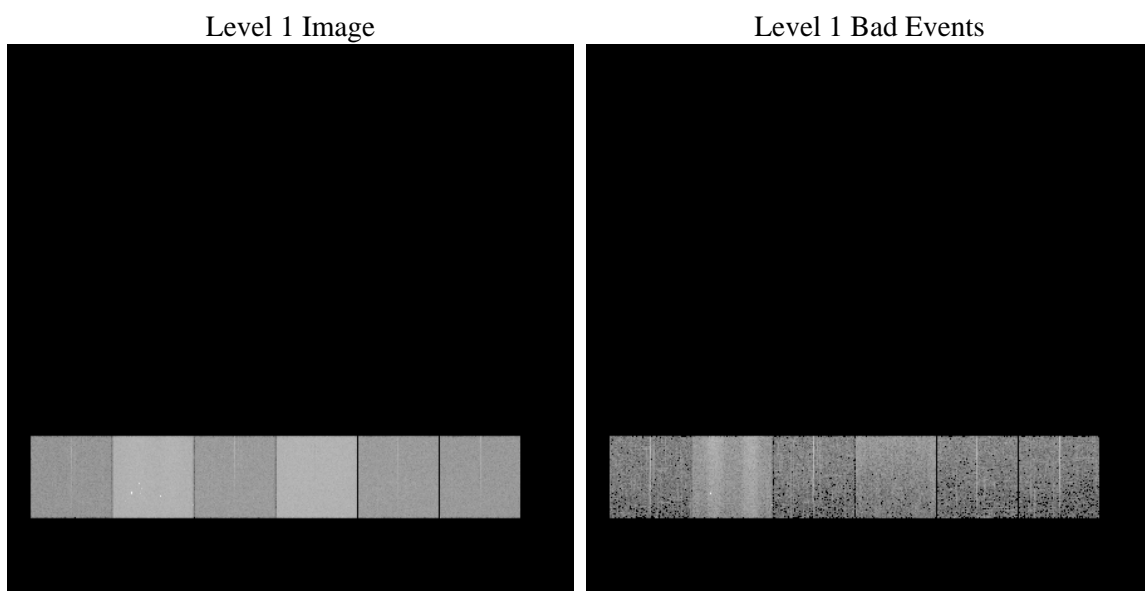
1 Front

seq_num	 	Sequence number
obs_id	62898	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	325.01898669969	Nominal RA
dec_nom	-30.035024363763	Nominal Dec
roll_nom	288.08319699825	Nominal Roll
revision	4	Processing version of data
ontime	3085.2620918304	Sum of GTIs [s]
livetime	3046.1946455018	Livetime [s]
ontime4	1166.6959921122	Sum of GTIs [s]
ontime5	3312.1719621122	Sum of GTIs [s]
ontime6	1344.911982879	Sum of GTIs [s]
ontime7	3085.2620918304	Sum of GTIs [s]
ontime8	1348.2351826727	Sum of GTIs [s]
ontime9	1292.4919303209	Sum of GTIs [s]
l2events	1000346	Number of level 2 events

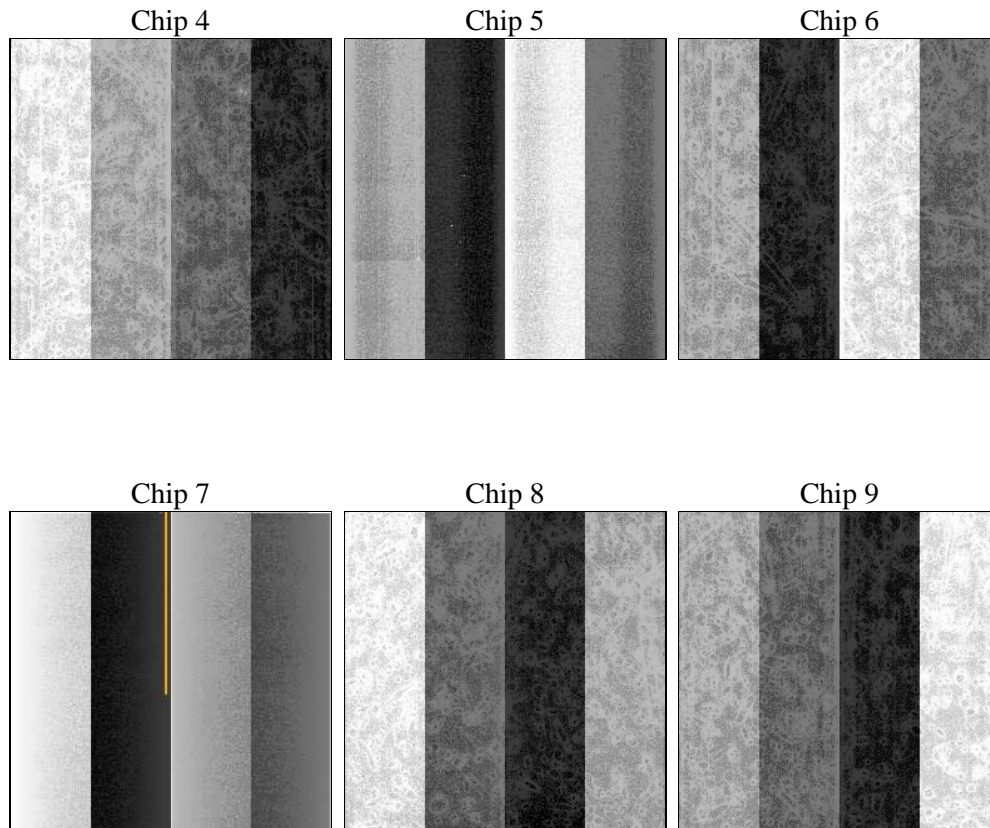
2 OBI

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	Scheduled observation exposure time
ascdsver	8.1.1	ASCDS version number	ontime	3085.2620918304	Sum of GTIs [s]
caldsver	4.1.4	 	ontime4	1166.6959921122	Sum of GTIs [s]
date	2009-11-24T11:04:26	Date and time of file creation	ontime5	3312.1719621122	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	1344.911982879	Sum of GTIs [s]
			ontime7	3085.2620918304	Sum of GTIs [s]
			ontime8	1348.2351826727	Sum of GTIs [s]
			ontime9	1292.4919303209	Sum of GTIs [s]
			l1events	1171591	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	115507	316707	142149	322514	143533	131181	grade 0 events	21803	29396	34290	54830	43880	34786
rejected events	19275	51048	20424	29267	19520	18284		18%	9%	24%	17%	30%	26%
rejected %	16%	16%	14%	9%	13%	13%	grade 1 events	104	86	138	118	147	127
								0%	0%	0%	0%	0%	0%
							grade 2 events	52172	103255	56664	81448	48857	49638
								45%	32%	39%	25%	34%	37%
							grade 3 events	2210	13907	3550	25717	4733	3719
								1%	4%	2%	7%	3%	2%
							grade 4 events	2279	11867	3526	23414	4731	3719
								1%	3%	2%	7%	3%	2%
							grade 5 events	966	5574	1111	4303	1225	1102
								0%	1%	0%	1%	0%	0%
							grade 6 events	17768	107234	23880	107838	21990	21035
								15%	33%	16%	33%	15%	16%
							grade 7 events	18205	45388	18990	24846	17970	17055
								15%	14%	13%	7%	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	325.0189866996938	Alternating exposures requested	N	N
Pointing Dec	0	-30.03502436376282	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	288.0831969982469			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	59218447.489	59218446.72094			
Observation start date	1999-11-17T09:34:07	1999-11-17T09:34:06			
Observation end time	59226370.74	59226369.971226			
Observation end date	1999-11-17T11:46:11	1999-11-17T11:46:09			
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)	2010.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.0852620918304

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.