

V&V Reference Report

L2 ASCDS Version : 8.3.2.1

Observation 62867 - L2 Version 4

Chandra X-Ray Center

L2 Processing Date : Sep 28 2010

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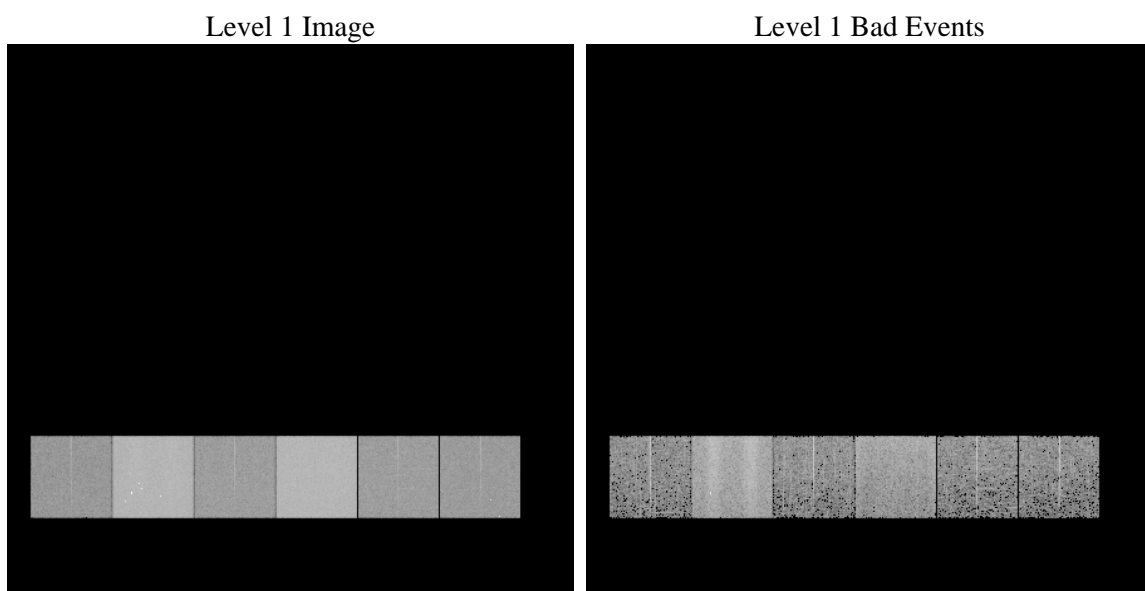
1 Front

seq_num	 	Sequence number
obs_id	62867	Observation id
title	ACIS-456789 diagnostics for the obsid formerly known as 1314	Propo
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	95.256628832063	Nominal RA
dec_nom	80.785364354907	Nominal Dec
roll_nom	85.919991418071	Nominal Roll
revision	4	Processing version of data
ontime	2620.6540237591	Sum of GTIs [s]
livetime	2587.4697245418	Livetime [s]
ontime4	971.05122922361	Sum of GTIs [s]
ontime5	2792.4669022784	Sum of GTIs [s]
ontime6	1104.0569595546	Sum of GTIs [s]
ontime7	2620.6540237591	Sum of GTIs [s]
ontime8	1100.7338694781	Sum of GTIs [s]
ontime9	1061.8824792653	Sum of GTIs [s]
l2events	870016	Number of level 2 events

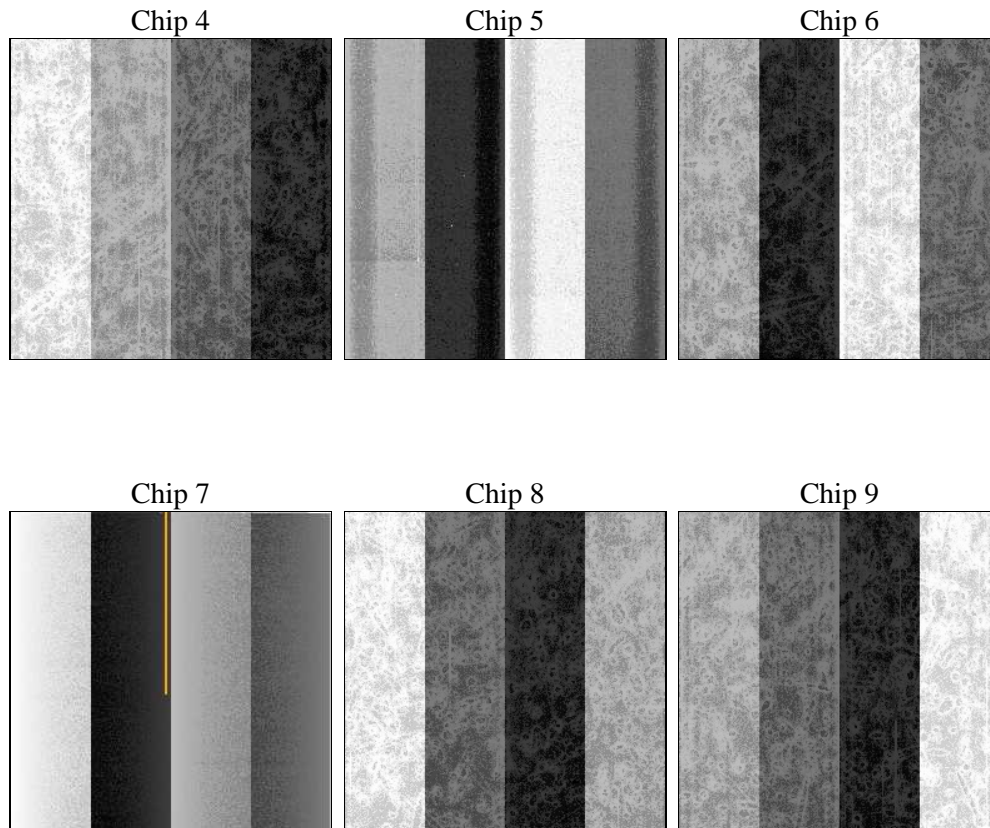
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	8054	Scheduled observation exposure time
ascdsver	8.3.2.1	ASCDS version number	ontime	2620.6540237591	Sum of GTIs [s]
caldsver	4.3.1	 	ontime4	971.05122922361	Sum of GTIs [s]
date	2010-09-28T19:01:30	Date and time of file creation	ontime5	2792.4669022784	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	1104.0569595546	Sum of GTIs [s]
			ontime7	2620.6540237591	Sum of GTIs [s]
			ontime8	1100.7338694781	Sum of GTIs [s]
			ontime9	1061.8824792653	Sum of GTIs [s]
			l1events	1042372	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	101598	286640	123571	291904	124088	114571	grade 0 events	20806	28911	29656	47995	38771	31344
rejected events	18387	48931	20385	32675	19135	17919		20%	10%	23%	16%	31%	27%
rejected %	18%	17%	16%	11%	15%	15%	grade 1 events	99	250	120	128	175	139
								0%	0%	0%	0%	0%	0%
							grade 2 events	43978	93712	48333	73961	40992	42015
								43%	32%	39%	25%	33%	36%
							grade 3 events	2157	12972	3009	22701	3981	3138
								2%	4%	2%	7%	3%	2%
							grade 4 events	2077	11207	3017	20909	4005	3122
								2%	3%	2%	7%	3%	2%
							grade 5 events	887	4835	969	4199	1057	981
								0%	1%	0%	1%	0%	0%
							grade 6 events	15318	94797	20737	97815	18755	18180
								15%	33%	16%	33%	15%	15%
							grade 7 events	16276	39956	17730	24196	16352	15652
								16%	13%	14%	8%	13%	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	OVERRIDE	OVERRIDE
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
Pointing RA	0	95.25662883206317	Subarray requested	NONE	NONE
Pointing Dec	0	80.78536435490669	Alternating exposures requested	N	N
Pointing Roll	0.0	85.91999141807067	Primary exposure time	3.2	3.2
SIM focus pos (mm)	-0.6828225247311905	-0.6828225247311905			
SIM defocus (mm)	0.8505140384245529	0.8505140384245529			
SIM translation stage pos (mm)	250.466033080201	250.466033080201			
SIM translation stage offset (mm)	-0.0100572612062706	-0.0100572612062706			
Observation start time	54584181.698515	54584181.698515			
Observation start date	1999-09-24T18:15:18	1999-09-24T18:16:21			
Observation end time	54592236.148804	54592236.148804			
Observation end date	1999-09-24T20:29:33	1999-09-24T20:30:36			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.09.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.6206540237591

A.2 Comments

This obsid originally appeared in telemetry with number 1314. It is documented in the spacecraft load as obsid 1314. Because this obsid was previously used for a different instrument configuration, the telemetry file was edited to change the obsid to 62867. The focal plane temperature is approximately -110 C during this observation.