

V&V Reference Report

L2 ASCDS Version : 8.1.2

Observation 62198 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 23 2010

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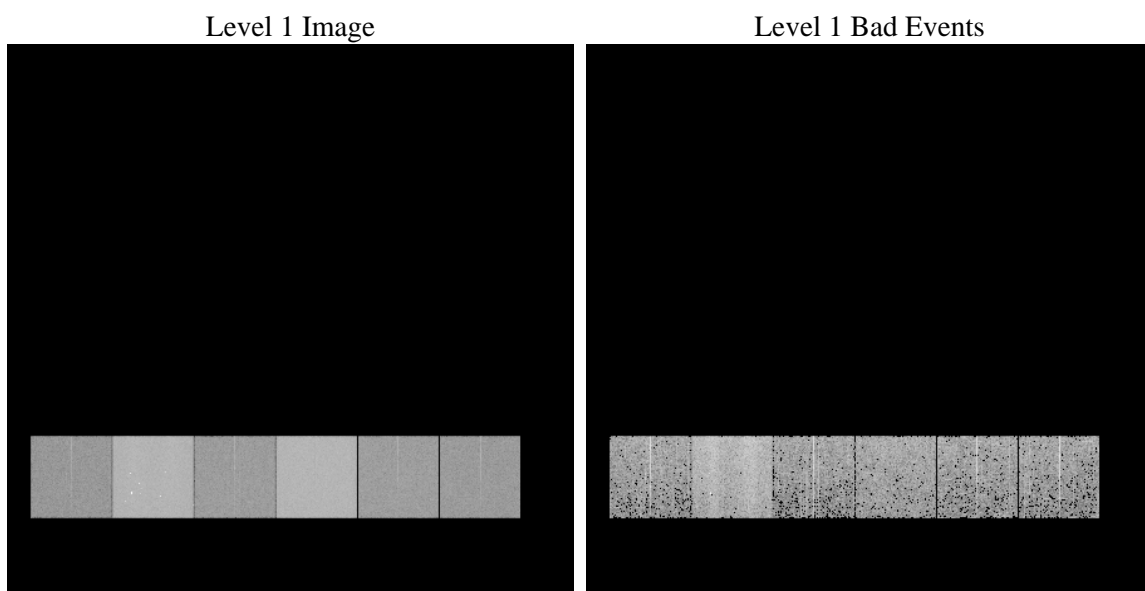
1 Front

seq_num	 	Sequence number
obs_id	62198	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	350.69897053038	Nominal RA
dec_nom	58.875157908257	Nominal Dec
roll_nom	322.81647790256	Nominal Roll
revision	4	Processing version of data
ontime	2858.5892859697	Sum of GTIs [s]
livetime	2822.392107195	Livetime [s]
ontime4	1066.3871731684	Sum of GTIs [s]
ontime5	3030.3610544279	Sum of GTIs [s]
ontime6	1195.9423059821	Sum of GTIs [s]
ontime7	2858.5892859697	Sum of GTIs [s]
ontime8	1244.5578562245	Sum of GTIs [s]
ontime9	1153.8087360486	Sum of GTIs [s]
l2events	925187	Number of level 2 events

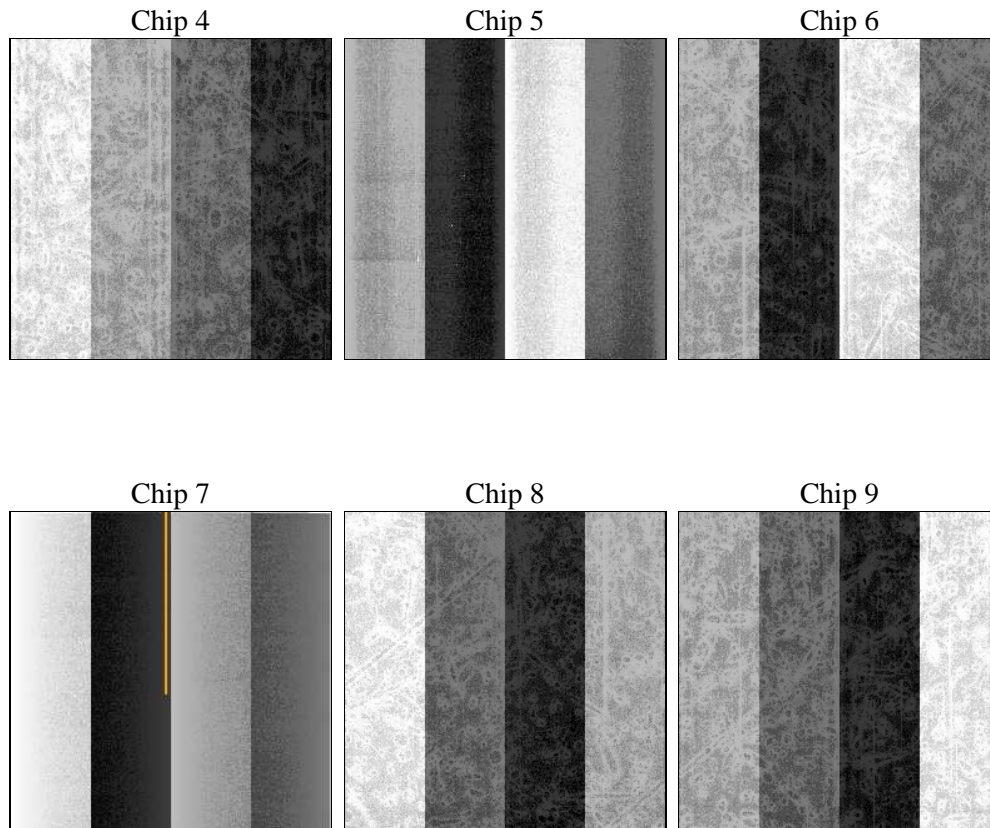
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number		
ascdsver	8.3.2.1	ASCDS version number	sched_exp_time	0.0
caldbver	4.3.1	 		
date	2010-09-23T18:06:05	Date and time of file creation	ontime	2858.5892859697
revision	3	Processing version of data	ontime4	1066.3871731684
			ontime5	3030.3610544279
			ontime6	1195.9423059821
			ontime7	2858.5892859697
			ontime8	1244.5578562245
			ontime9	1153.8087360486
			l1events	1060049

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	105870	288015	124700	293751	130678	117035	grade 0 events	28461	61207	42199	69202	51968	40915
rejected events	17829	33407	16931	18860	17459	16815		26%	21%	33%	23%	39%	34%
rejected %	16%	11%	13%	6%	13%	14%	grade 1 events	170	309	218	212	235	248
								0%	0%	0%	0%	0%	0%
							grade 2 events	38995	85148	36848	58563	31405	32939
								36%	29%	29%	19%	24%	28%
							grade 3 events	2813	18886	4431	29591	5612	4361
								2%	6%	3%	10%	4%	3%
							grade 4 events	2915	16556	4482	28189	5646	4339
								2%	5%	3%	9%	4%	3%
							grade 5 events	1091	6012	1249	3912	1175	1149
								1%	2%	1%	1%	0%	0%
							grade 6 events	15289	73590	19809	89887	18808	17845
								14%	25%	15%	30%	14%	15%
							grade 7 events	16136	26307	15464	14195	15829	15239
								15%	9%	12%	4%	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	350.698970530383	Alternating exposures requested	N	N
Pointing Dec	0	58.87515790825746	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	322.81647790256			
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	65560157.569	65560156.800758			
Observation start date	2000-01-29T19:09:18	2000-01-29T19:09:16			
Observation end time	65601458.921	65601458.15226			
Observation end date	2000-01-30T06:37:39	2000-01-30T06:37:38			
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)	2010.10.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.8585892859697

A.2 Comments

During this observation, the ACIS focal plane temperature was lowered from -110 to -120 degrees, which will be the default for the ACIS FP temperature for the foreseeable future.