

V&V Reference Report

L2 ASCDS Version : 8.1.2

Observation 62566 - L2 Version 3

Chandra X-Ray Center

L2 Processing Date : Mar 31 2010

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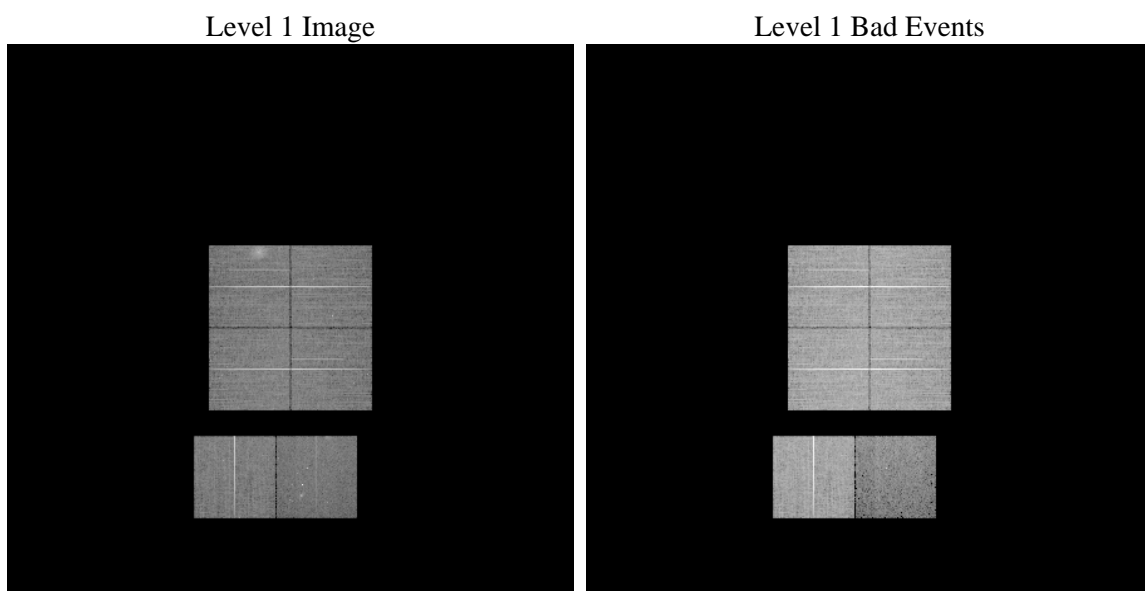
1 Front

seq_num	 	Sequence number
obs_id	62566	Observation id
title	ACIS-012367 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	95.397923304179	Nominal RA
dec_nom	-64.884526044183	Nominal Dec
roll_nom	145.094418197	Nominal Roll
revision	3	Processing version of data
ontime	12780.899988458	Sum of GTIs [s]
livetime	12623.90452132	Livetime [s]
ontime0	12780.899988458	Sum of GTIs [s]
ontime1	12780.899988458	Sum of GTIs [s]
ontime2	12780.899988458	Sum of GTIs [s]
ontime3	12780.899988458	Sum of GTIs [s]
ontime6	12780.899988458	Sum of GTIs [s]
ontime7	12780.899988458	Sum of GTIs [s]
l2events	86733	Number of level 2 events

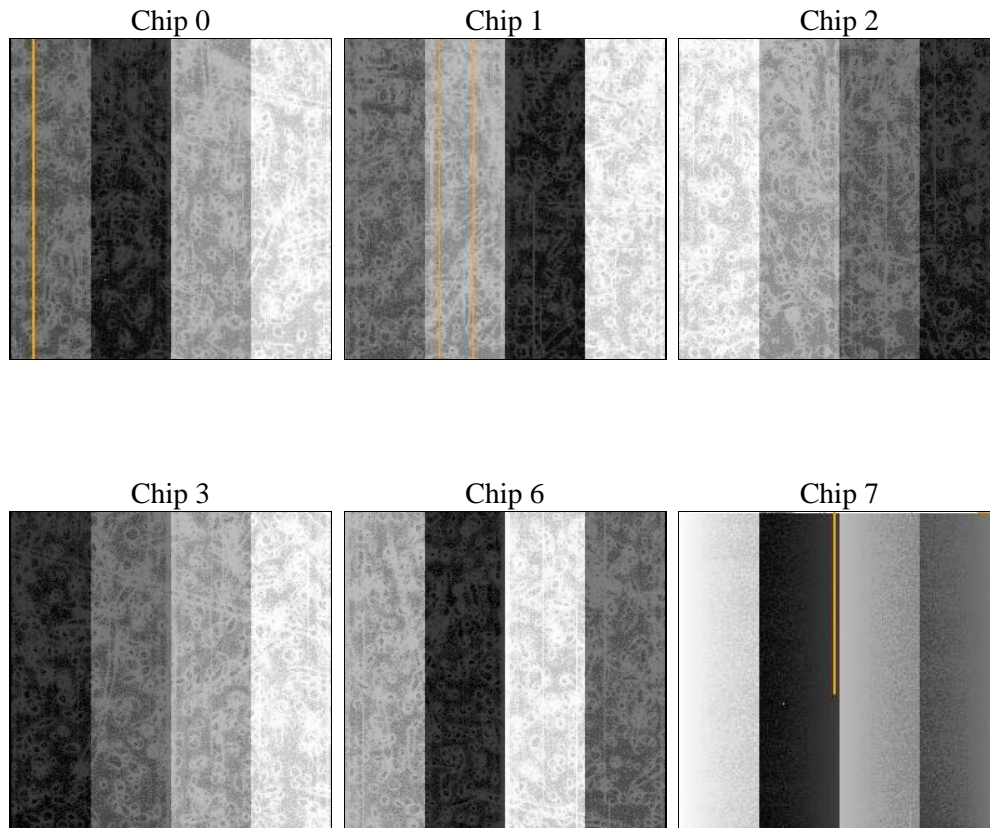
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number		
ascdsver	8.2.1	ASCDS version number	sched_exp_time	0.0
caldsver	4.1.5	 		Scheduled observation exposure time
date	2010-03-31T21:27:22	Date and time of file creation	ontime	12780.899988458
revision	3	Processing version of data	ontime0	12780.899988458
			ontime1	12780.899988458
			ontime2	12780.899988458
			ontime3	12780.899988458
			ontime6	12780.899988458
			ontime7	12780.899988458
			l1events	683521
				Sum of GTIs [s]
				Sum of GTIs [s]
				Sum of GTIs [s]
				Sum of GTIs [s]
				Sum of GTIs [s]
				Sum of GTIs [s]
				Sum of GTIs [s]
				Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	120835	114285	128785	120476	116107	83033	grade 0 events	7777	3633	4161	4241	5004	9376
rejected events	107326	105288	120183	111704	106065	33792		6%	3%	3%	3%	4%	11%
rejected %	88%	92%	93%	92%	91%	40%	grade 1 events	66	38	42	49	56	89
								0%	0%	0%	0%	0%	0%
							grade 2 events	2092	1567	1535	1568	1677	9408
								1%	1%	1%	1%	1%	11%
							grade 3 events	1188	1187	957	874	1089	5398
								0%	1%	0%	0%	0%	6%
							grade 4 events	1070	1108	914	953	1007	4936
								0%	0%	0%	0%	0%	5%
							grade 5 events	1708	1879	1542	1637	1890	6293
								1%	1%	1%	1%	1%	7%
							grade 6 events	1502	1644	1148	1238	1394	20647
								1%	1%	0%	1%	1%	24%
							grade 7 events	105432	103229	118486	109916	103990	26886
								87%	90%	92%	91%	89%	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	95.3979233041795	Alternating exposures requested	N	N
Pointing Dec	0	-64.88452604418265	Primary exposure time	3.3	3.3
Pointing Roll	0.0	145.0944181970036			
SIM focus pos (mm)	-0.782348	0.255451383487682			
SIM defocus (mm)	0	0.9397188447875782			
SIM translation stage pos (mm)	-233.592463	-190.1325231039672			
SIM translation stage offset (mm)	0	5.209593894051068e-07			
Observation start time	50895841.944	50895838.532695			
Observation start date	1999-08-13T01:44:02	1999-08-13T01:43:58			
Observation end time	50910347.985	50910344.333207			
Observation end date	1999-08-13T05:45:48	1999-08-13T05:45:44			
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)	2010.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.780899988458

A.2 Comments

Realtime procedure was executed to cool the FP temperature from -90 to -100 degrees during this exposure.