

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 60881 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 20 2011

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Star Slots	6
2.4	FID Slots	6
A	Summary	7
A.1	Status	7
A.2	Comments	7

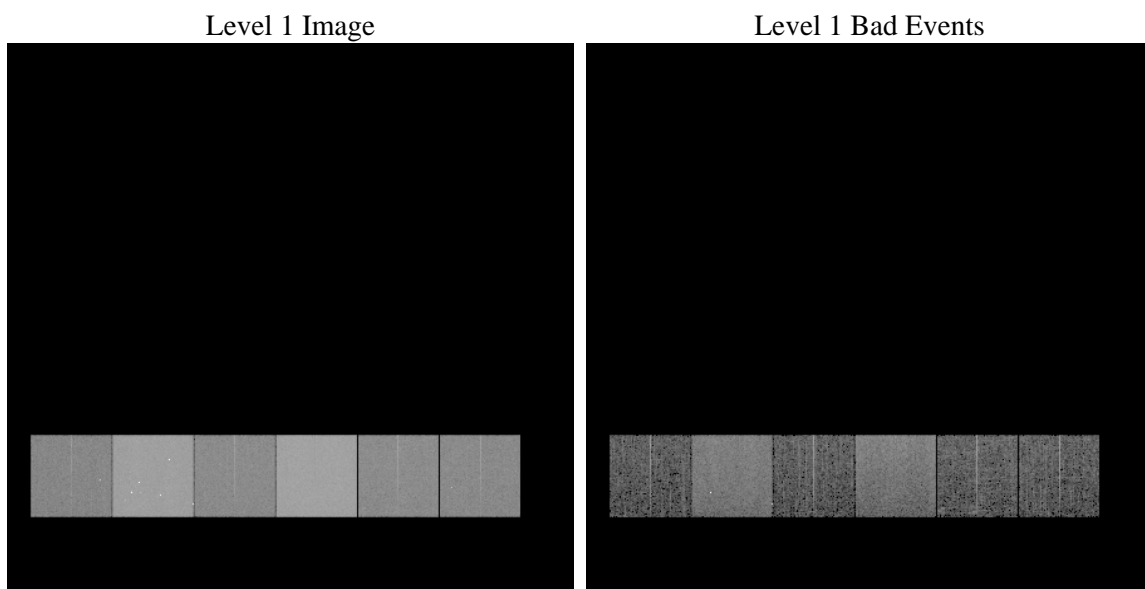
1 Front

seq_num	 	Sequence number
obs_id	60881	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	174.99717995316	Nominal RA
dec_nom	-3.9717018589596	Nominal Dec
roll_nom	63.634038984825	Nominal Roll
revision	3	Processing version of data
ontime	7788.7999709845	Sum of GTIs [s]
livetime	7690.1734958996	Livetime [s]
ontime4	3012.2795619667	Sum of GTIs [s]
ontime5	7788.7999709845	Sum of GTIs [s]
ontime6	3336.3403507769	Sum of GTIs [s]
ontime7	7788.7999709845	Sum of GTIs [s]
ontime8	3365.5919100642	Sum of GTIs [s]
ontime9	3245.4691762924	Sum of GTIs [s]
l2events	1143844	Number of level 2 events

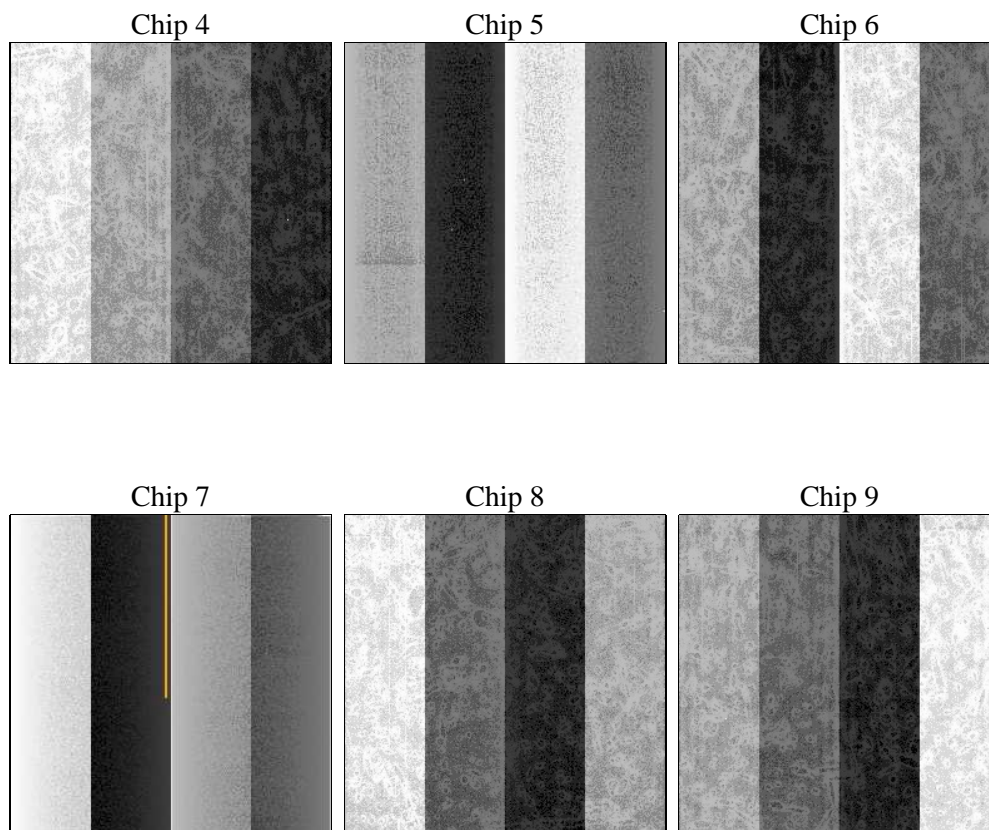
2 OBI

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	7.6.9	ASCDS version number	ontime	7788.7999709845	Sum of GTIs [s]
caldsver	3.2.3	 	ontime4	3012.2795619667	Sum of GTIs [s]
date	2006-11-03T00:28:45	Date and time of file creation	ontime5	7788.7999709845	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3336.3403507769	Sum of GTIs [s]
			ontime7	7788.7999709845	Sum of GTIs [s]
			ontime8	3365.5919100642	Sum of GTIs [s]
			ontime9	3245.4691762924	Sum of GTIs [s]
			l1events	1424732	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	147999	368879	174139	390637	178516	164562	grade 0 events	73525	39630	81542	58343	83223	77630
rejected events	23174	63492	24941	55771	27294	25155		49%	10%	46%	14%	46%	47%
rejected %	15%	17%	14%	14%	15%	15%	grade 1 events	544	228	330	130	425	423
								0%	0%	0%	0%	0%	0%
							grade 2 events	19030	143722	25833	103402	26258	23512
								12%	38%	14%	26%	14%	14%
							grade 3 events	8300	9729	9126	23948	9688	8952
								5%	2%	5%	6%	5%	5%
							grade 4 events	8239	9229	9205	23698	9751	8824
								5%	2%	5%	6%	5%	5%
							grade 5 events	1435	7077	1676	6971	1912	1734
								0%	1%	0%	1%	1%	1%
							grade 6 events	15876	103211	23619	125627	22430	20610
								10%	27%	13%	32%	12%	12%
							grade 7 events	21050	56053	22808	48518	24829	22877
								14%	15%	13%	12%	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	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
Pointing RA	0	174.997179953157	Alternating exposures requested	N	N
Pointing Dec	0	-3.971701858959589	Primary exposure time	3.2	3.2
Pointing Roll	0.0	63.63403898482506			
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	159006336.544132	159006335.51913			
Observation start date	2003-01-15T08:25:37	2003-01-15T08:25:35			
Observation end time	159038316.54547	159038315.52047			
Observation end date	2003-01-15T17:18:37	2003-01-15T17:18:35			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Dong-woo Kim
V&V Date (YYYY-MM-DD)	2011.09.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7887999709845

A.2 Comments

This obsid was used in two obi's which have different detectors.

This VV report for V3 data is for obi=0 (ACIS-456789).

The obi=1 data (ACIS-012367) can be obtained upon request.