

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 62813 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 23 2012

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

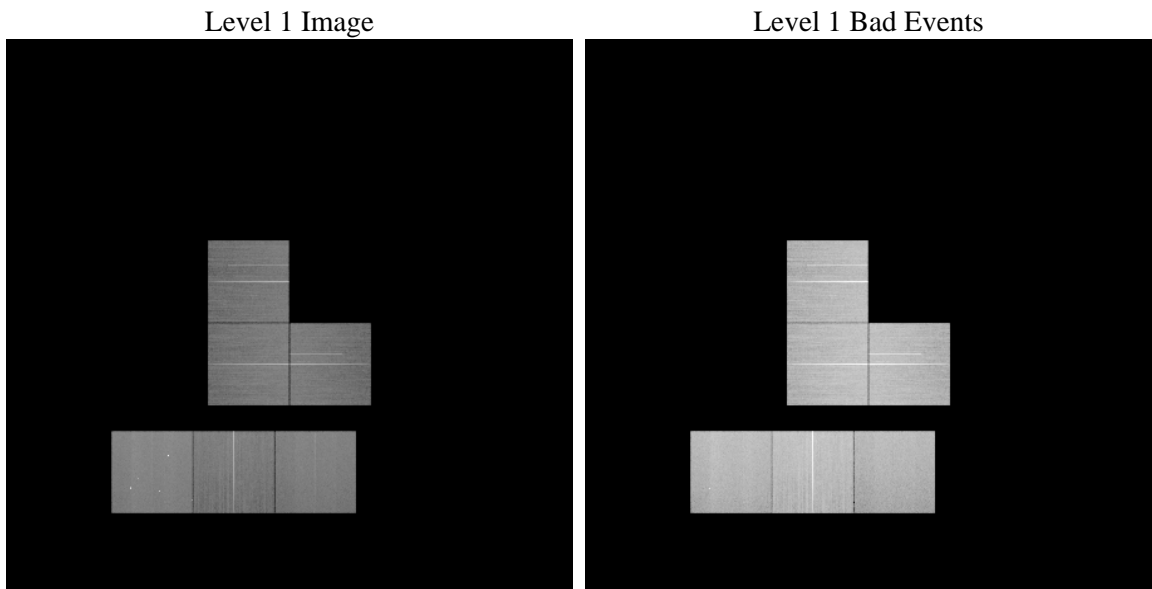
1 Front

seq_num	 	Sequence number
obs_id	62813	Observation id
title	ACIS-023567 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 [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	193.08870744373	Nominal RA [deg]
dec_nom	27.335433226361	Nominal Dec [deg]
roll_nom	33.267055662796	Nominal Roll [deg]
revision	2	Processing version of data
ontime	49651.199815094	Sum of GTIs [s]
livetime	49022.486426673	Livetime [s]
ontime0	49651.199815094	Sum of GTIs [s]
ontime2	49651.199815094	Sum of GTIs [s]
ontime3	49644.717884421	Sum of GTIs [s]
ontime5	49651.199815094	Sum of GTIs [s]
ontime6	49651.199815094	Sum of GTIs [s]
ontime7	49651.199815094	Sum of GTIs [s]
l2events	597841	Number of level 2 events

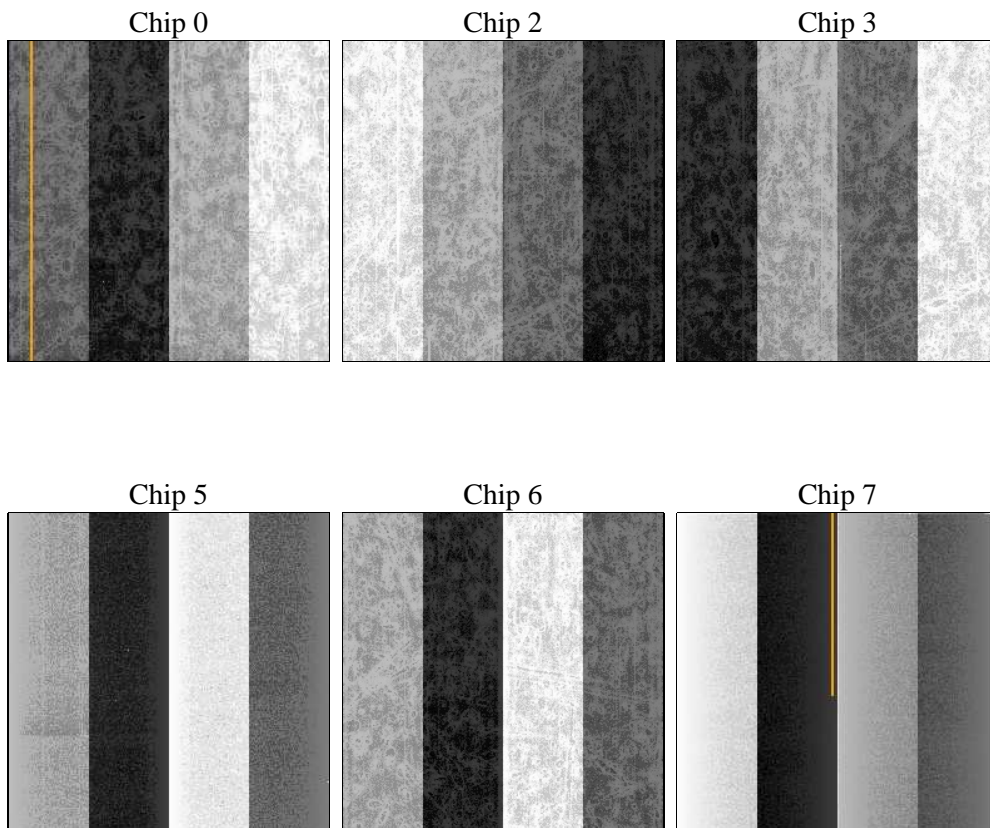
2 OBI

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	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	49651.199815094	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	49651.199815094	Sum of GTIs [s]
date	2012-05-23T13:31:26	Date and time of file creation	ontime2	49651.199815094	Sum of GTIs [s]
revision	2	Processing version of data	ontime3	49644.717884421	Sum of GTIs [s]
			ontime5	49651.199815094	Sum of GTIs [s]
			ontime6	49651.199815094	Sum of GTIs [s]
			ontime7	49651.199815094	Sum of GTIs [s]
			l1events	2627526	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7		ccd 0	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	371125	413168	388417	578730	419789	456297	grade 0 events	12699	13123	12550	30907	13719	18203
rejected events	332070	374472	351391	287289	378346	249861		3%	3%	3%	5%	3%	3%
rejected %	89%	90%	90%	49%	90%	54%	grade 1 events	209	252	209	1290	220	568
								0%	0%	0%	0%	0%	0%
							grade 2 events	9977	9790	8232	88058	9633	42172
								2%	2%	2%	15%	2%	9%
							grade 3 events	4467	4143	4191	11725	4554	18714
								1%	1%	1%	2%	1%	4%
							grade 4 events	4137	4317	4312	11605	4411	18825
								1%	1%	1%	2%	1%	4%
							grade 5 events	14179	13730	16338	45355	17213	48293
								3%	3%	4%	7%	4%	10%
							grade 6 events	7797	7348	7775	149392	9162	108671
								2%	1%	2%	25%	2%	23%
							grade 7 events	317660	360465	334810	240398	360877	200851
								85%	87%	86%	41%	85%	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-023567	ACIS-023567	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	193.0887074437286	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	27.33543322636133	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	33.26705566279639	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.038866356238299			
[mm] SIM defocus	0.1037507710433287	0.001426264420575141			
[mm] SIM translation stage pos	250.455976	51.99855475156236			
[mm] SIM translation stage offset	0	74.98693414003921			
[s] Observation start time (MET)	342075670.746800	342075670.74679			
Observation start date	2008-11-03T05:01:12	2008-11-03T05:01:10			
[s] Observation end time (MET)	342127119.599341	342127119.59933			
Observation end date	2008-11-03T19:18:41	2008-11-03T19:18:39			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.651199815094

A.2 Comments