

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61550 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 20 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

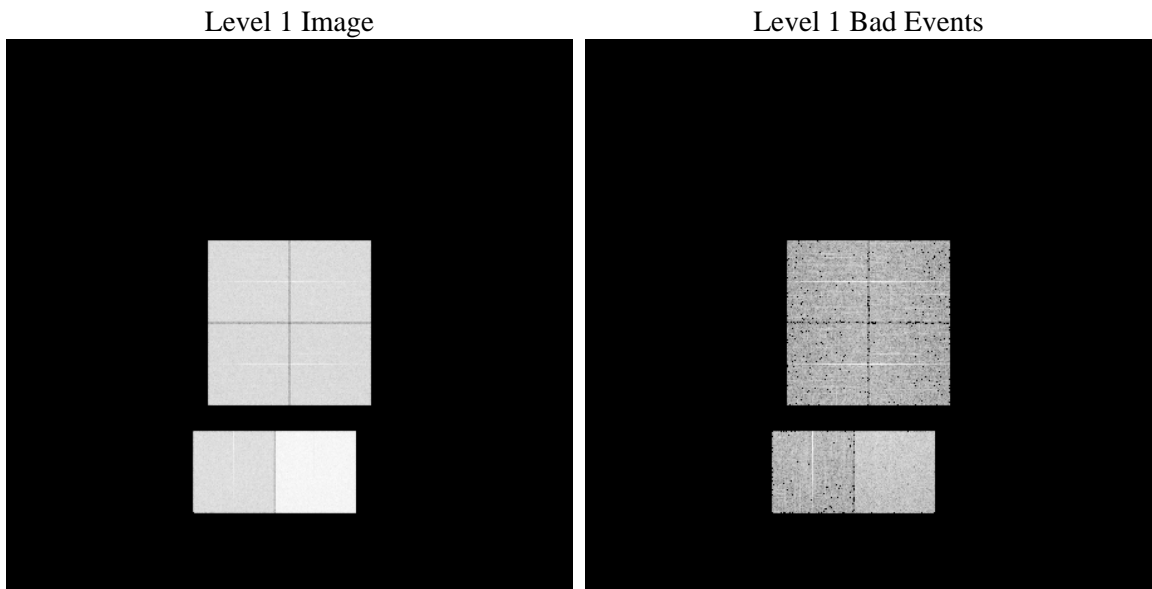
1 Front

seq_num	 	Sequence number
obs_id	61550	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 [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	357.97439175896	Nominal RA [deg]
dec_nom	13.014101499838	Nominal Dec [deg]
roll_nom	117.80406547925	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7349.7605823874	Sum of GTIs [s]
livetime	7256.6934883987	Livetime [s]
ontime0	2887.6451903284	Sum of GTIs [s]
ontime1	2913.6146000773	Sum of GTIs [s]
ontime2	2737.8415494859	Sum of GTIs [s]
ontime3	2764.4042585045	Sum of GTIs [s]
ontime6	3049.8151932359	Sum of GTIs [s]
ontime7	7349.7605823874	Sum of GTIs [s]
l2events	1317040	Number of level 2 events

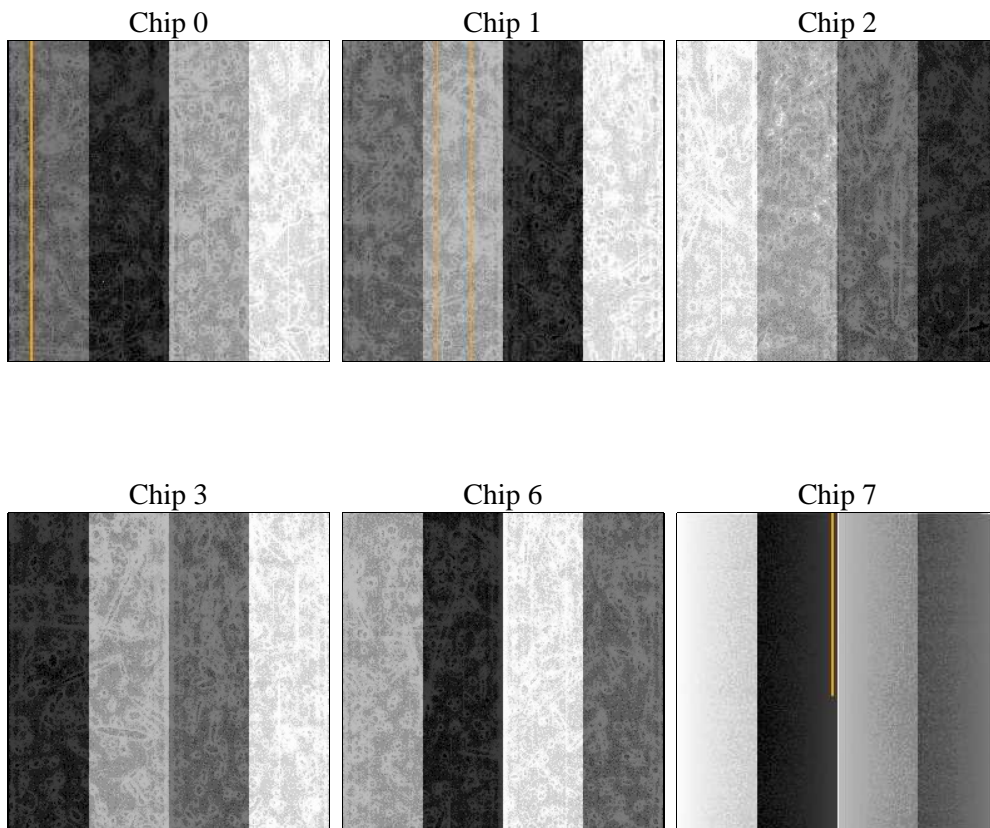
2 OBI

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	8.4.5	Processing system revision	ontime	7349.7605823874	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime0	2887.6451903284	Sum of GTIs [s]
date	2012-09-20T19:24:47	Date and time of file creation	ontime1	2913.6146000773	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2737.8415494859	Sum of GTIs [s]
			ontime3	2764.4042585045	Sum of GTIs [s]
			ontime6	3049.8151932359	Sum of GTIs [s]
			ontime7	7349.7605823874	Sum of GTIs [s]
			l1events	1545474	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	203175	206023	195608	196902	224267	519499	grade 0 events	99571	101251	96457	97727	109004	121339
rejected events	24961	25017	24747	24850	26903	47423		49%	49%	49%	49%	48%	23%
rejected %	12%	12%	12%	12%	11%	9%	grade 1 events	513	480	504	530	566	301
								0%	0%	0%	0%	0%	0%
							grade 2 events	31686	32166	30775	30311	34461	105658
								15%	15%	15%	15%	15%	20%
							grade 3 events	11503	11489	10655	10949	12439	48425
								5%	5%	5%	5%	5%	9%
							grade 4 events	11254	11672	10648	10863	12166	48049
								5%	5%	5%	5%	5%	9%
							grade 5 events	1611	1656	1605	1552	1875	8580
								0%	0%	0%	0%	0%	1%
							grade 6 events	26399	26596	24686	24371	31851	155140
								12%	12%	12%	12%	14%	29%
							grade 7 events	20638	20713	20278	20599	21905	32007
								10%	10%	10%	10%	9%	6%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
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
[deg] Pointing RA	0	357.9743917589576	Alternating exposures requested	N	N
[deg] Pointing Dec	0	13.01410149983751	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	117.8040654792546			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	111283535.65	111283534.88134			
Observation start date	2001-07-12T00:05:36	2001-07-12T00:05:34			
[s] Observation end time (MET)	111305700.251	111305699.48221			
Observation end date	2001-07-12T06:15:00	2001-07-12T06:14:59			
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)	2012.09.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.3497605823874

A.2 Comments