

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61825 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 4 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

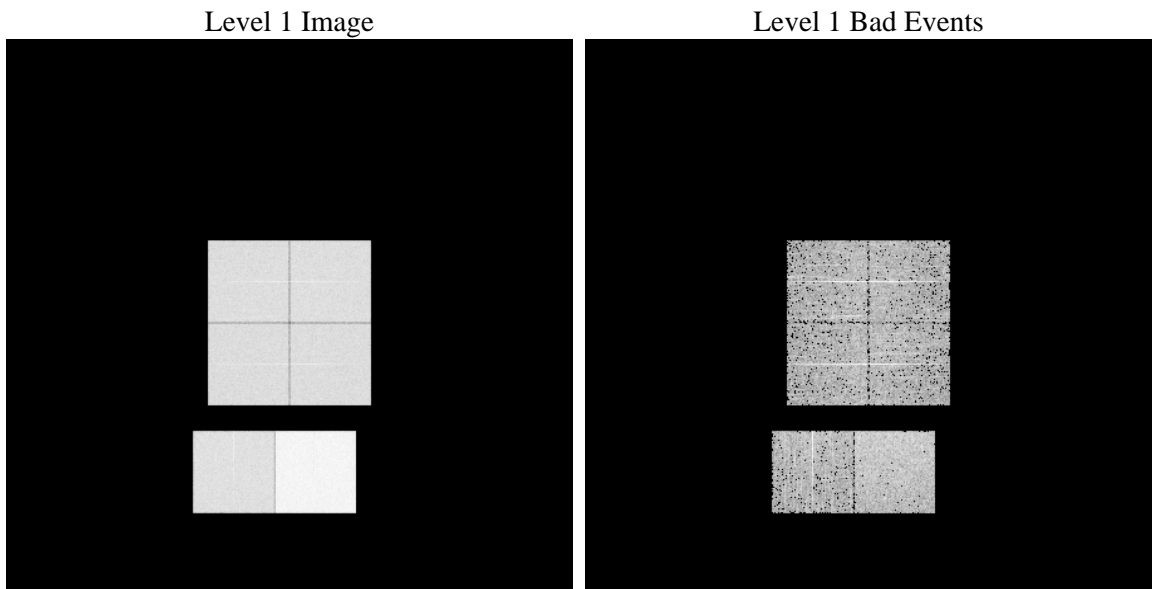
1 Front

seq_num	 	Sequence number
obs_id	61825	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	271.92667680467	Nominal RA [deg]
dec_nom	71.69907573155	Nominal Dec [deg]
roll_nom	345.84403980027	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5571.3038015217	Sum of GTIs [s]
livetime	5500.7565981504	Livetime [s]
ontime0	2466.4293010235	Sum of GTIs [s]
ontime1	2503.4654330164	Sum of GTIs [s]
ontime2	2336.7880401611	Sum of GTIs [s]
ontime3	2356.2341903299	Sum of GTIs [s]
ontime6	2557.1780619919	Sum of GTIs [s]
ontime7	5571.3038015217	Sum of GTIs [s]
l2events	1256999	Number of level 2 events

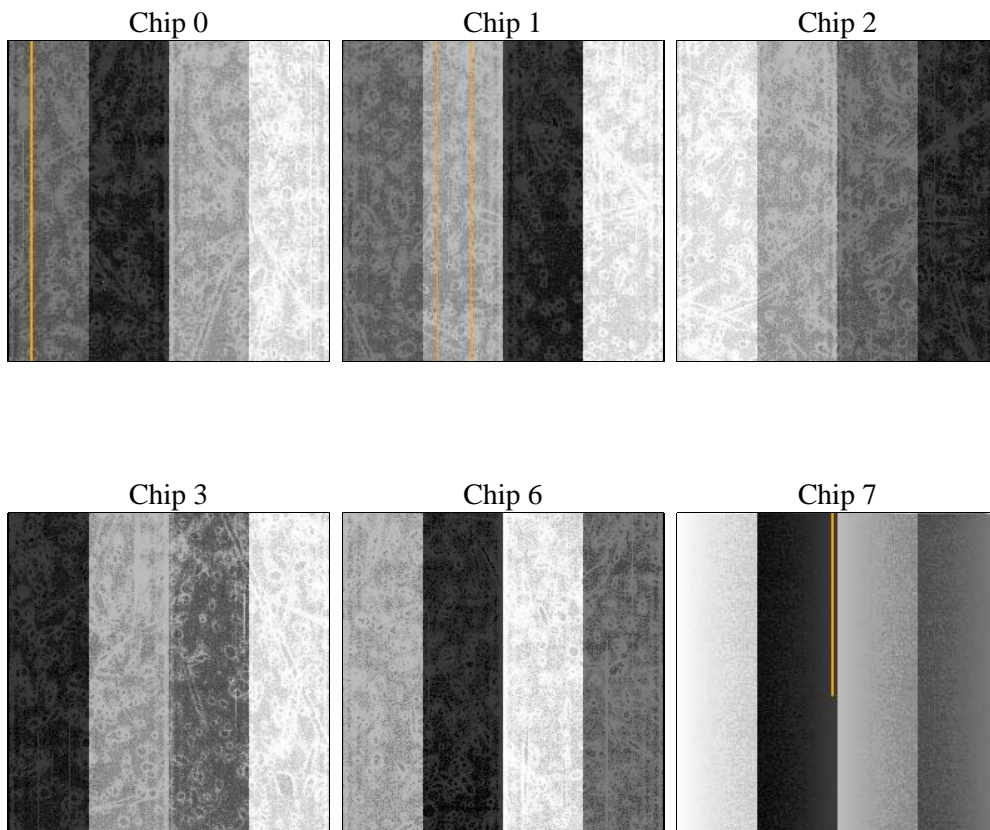
2 OBI

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	5571.3038015217	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime0	2466.4293010235	Sum of GTIs [s]
date	2012-09-04T18:23:27	Date and time of file creation	ontime1	2503.4654330164	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2336.7880401611	Sum of GTIs [s]
			ontime3	2356.2341903299	Sum of GTIs [s]
			ontime6	2557.1780619919	Sum of GTIs [s]
			ontime7	5571.3038015217	Sum of GTIs [s]
			l1events	1429171	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	196603	198886	189276	190280	213420	440706	grade 0 events	98251	100305	95865	96456	106525	106420
rejected events	18506	17798	17624	17919	19227	26928		49%	50%	50%	50%	49%	24%
rejected %	9%	8%	9%	9%	9%	6%	grade 1 events	483	496	500	506	492	269
								0%	0%	0%	0%	0%	0%
							grade 2 events	31588	31891	29952	30193	33620	92429
								16%	16%	15%	15%	15%	20%
							grade 3 events	11351	11523	10798	10849	11930	42623
								5%	5%	5%	5%	5%	9%
							grade 4 events	11121	11435	10814	10897	11825	42086
								5%	5%	5%	5%	5%	9%
							grade 5 events	1356	1437	1318	1416	1564	5984
								0%	0%	0%	0%	0%	1%
							grade 6 events	25786	26188	24223	23966	30293	130220
								13%	13%	12%	12%	14%	29%
							grade 7 events	16667	15611	15806	15997	17171	20675
								8%	7%	8%	8%	8%	4%

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	271.9266768046748	Alternating exposures requested	N	N
[deg] Pointing Dec	0	71.69907573155011	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	345.8440398002674			
[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)	92742935.182568	92742934.414113			
Observation start date	2000-12-09T09:55:35	2000-12-09T09:55:34			
[s] Observation end time (MET)	92791124.534407	92791123.765955			
Observation end date	2000-12-09T23:18:45	2000-12-09T23:18:43			
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)	2012.09.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.5713038015217

A.2 Comments