

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58237 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 30 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

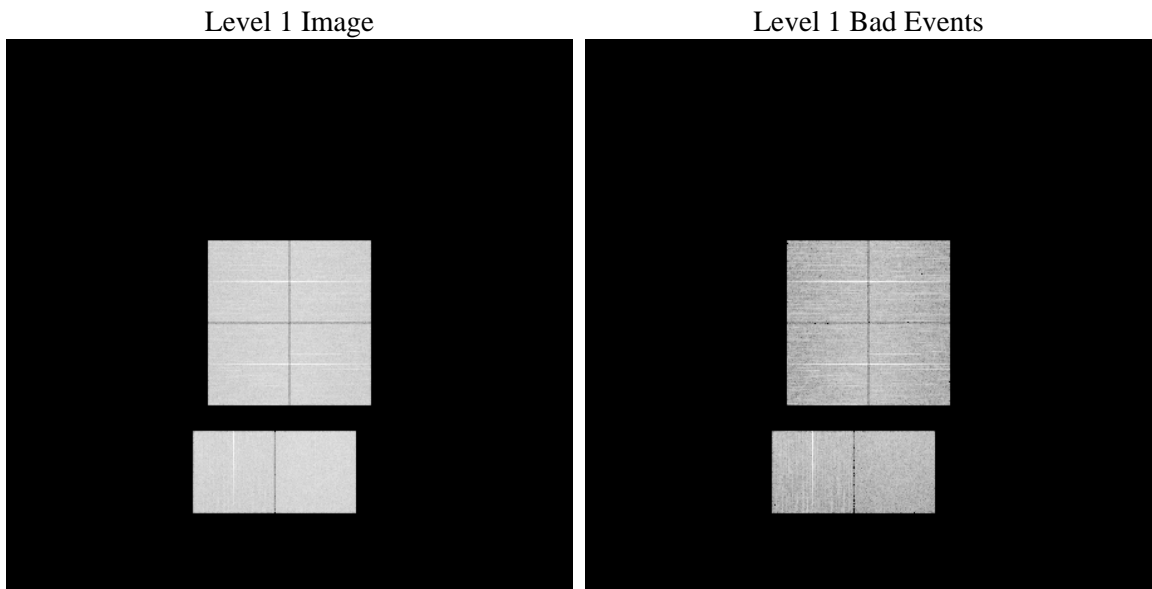
1 Front

seq_num	 	Sequence number
obs_id	58237	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	350.01452037045	Nominal RA [deg]
dec_nom	-23.974195144514	Nominal Dec [deg]
roll_nom	24.097041544623	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8268.7777537704	Sum of GTIs [s]
livetime	8164.0735109919	Livetime [s]
ontime0	8268.7367137671	Sum of GTIs [s]
ontime1	8268.6956737638	Sum of GTIs [s]
ontime2	8268.6546337605	Sum of GTIs [s]
ontime3	8268.7999692559	Sum of GTIs [s]
ontime6	8268.6135937572	Sum of GTIs [s]
ontime7	8268.7777537704	Sum of GTIs [s]
l2events	727018	Number of level 2 events

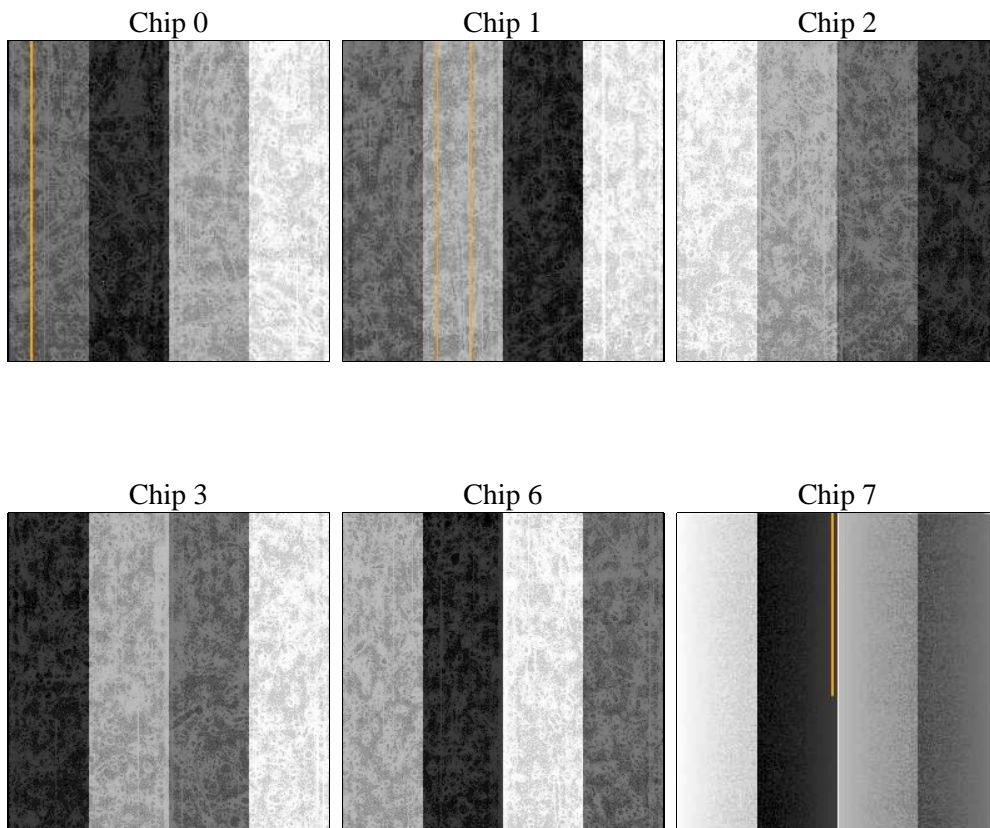
2 OBI

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	8268.7777537704	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8268.7367137671	Sum of GTIs [s]
date	2012-04-30T15:14:22	Date and time of file creation	ontime1	8268.6956737638	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8268.6546337605	Sum of GTIs [s]
			ontime3	8268.7999692559	Sum of GTIs [s]
			ontime6	8268.6135937572	Sum of GTIs [s]
			ontime7	8268.7777537704	Sum of GTIs [s]
			l1events	1197071	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	191574	194499	193630	195444	199832	222092	grade 0 events	65007	64639	66244	66832	66511	32796
rejected events	71194	72733	72858	73665	73668	65868		33%	33%	34%	34%	33%	14%
rejected %	37%	37%	37%	37%	36%	29%	grade 1 events	462	392	475	506	431	175
								0%	0%	0%	0%	0%	0%
							grade 2 events	21226	22109	20525	20931	22115	33824
								11%	11%	10%	10%	11%	15%
							grade 3 events	7861	7910	8064	8176	8064	14820
								4%	4%	4%	4%	4%	6%
							grade 4 events	7908	8060	8173	8214	8023	14846
								4%	4%	4%	4%	4%	6%
							grade 5 events	3834	3981	3779	4279	4301	10885
								2%	2%	1%	2%	2%	4%
							grade 6 events	18427	19098	17812	17667	21499	60011
								9%	9%	9%	9%	10%	27%
							grade 7 events	66849	68310	68558	68839	68888	54735
								34%	35%	35%	35%	34%	24%

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	350.0145203704502	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-23.97419514451403	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	24.09704154462265			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	305268999.020107	305268997.99511			
Observation start date	2007-09-04T04:56:39	2007-09-04T04:56:37			
[s] Observation end time (MET)	305281508.120708	305281507.09571			
Observation end date	2007-09-04T08:25:08	2007-09-04T08:25:07			
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)	2012.05.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2687777537704

A.2 Comments