

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 59817 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: Feb 21 2006

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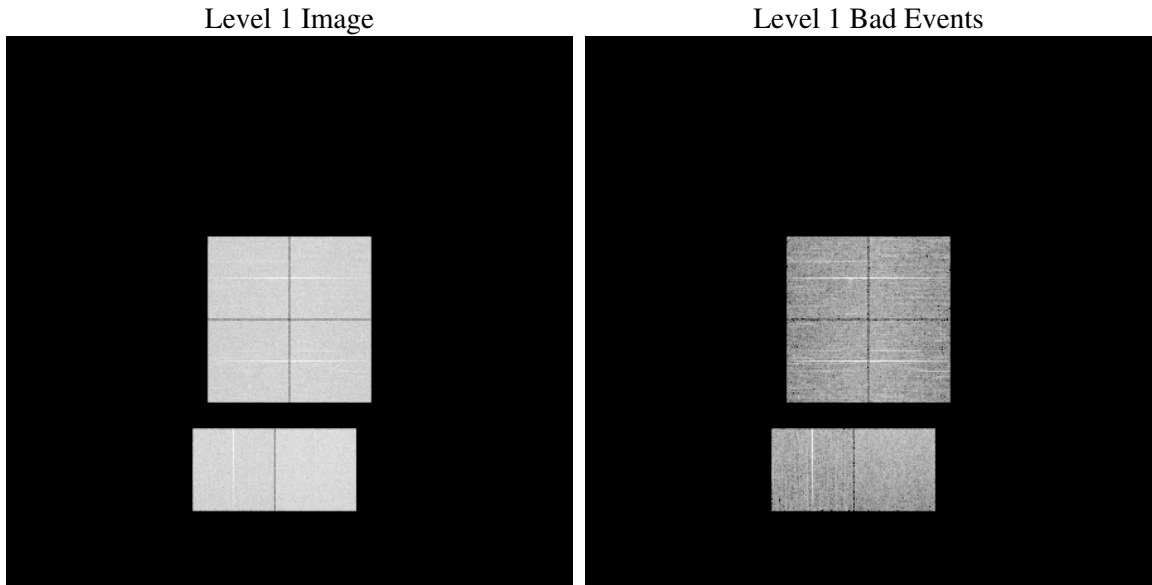
1 Front

seq_num	
obs_id	59817
title	ACIS-012367 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	156.98564312263
dec_nom	16.525084451781
roll_nom	86.050365705187
revision	2
ontime	8159.9999696016
livetime	8056.6731366244
ontime0	7255.767686218
ontime1	7336.7912477553
ontime2	6986.7664223015
ontime3	7058.0673314631
ontime6	7431.8773826659
ontime7	8159.9999696016
l2events	1104439

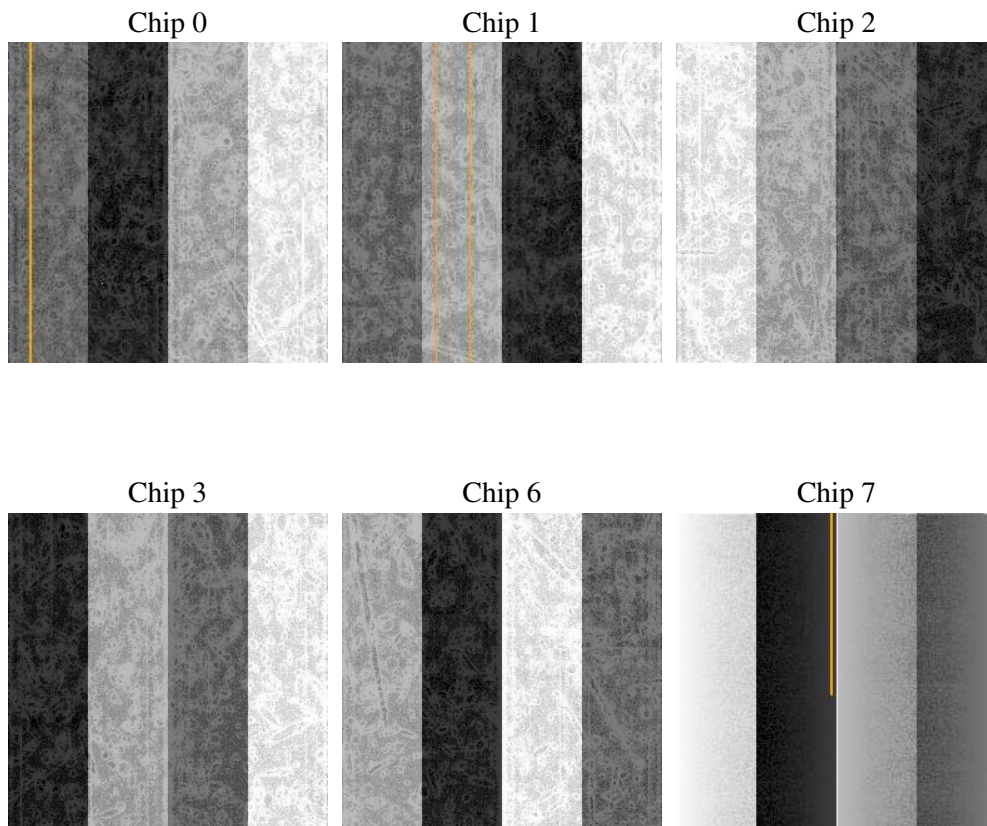
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-22T01:51:45
revision	2

sched_exp_time	0.0
ontime	8274.2925240099
ontime0	7363.5782601535
ontime1	7438.1198810339
ontime2	7081.6131148934
ontime3	7156.1550242603
ontime6	7532.1086970568
ontime7	8274.2925240099
l1events	1491444

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	236501	242480	232004	238745	256797	284917
rejected events	51237	53862	51368	55022	57354	62562
rejected %	21%	22%	22%	23%	22%	21%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	103241	104835	102395	104493	109636	37148
	43%	43%	44%	43%	42%	13%
grade 1 events	613	563	632	662	595	100
	0%	0%	0%	0%	0%	0%
grade 2 events	33028	33950	30792	31854	34793	68928
	13%	14%	13%	13%	13%	24%
grade 3 events	12105	12057	11980	12162	12453	15815
	5%	4%	5%	5%	4%	5%
grade 4 events	12091	12232	11991	12143	12680	15490
	5%	5%	5%	5%	4%	5%
grade 5 events	3210	3346	2947	3305	3474	7018
	1%	1%	1%	1%	1%	2%
grade 6 events	27452	28055	25904	25510	32574	88067
	11%	11%	11%	10%	12%	30%
grade 7 events	44761	47442	45363	48616	50592	52351
	18%	19%	19%	20%	19%	18%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
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
Pointing RA	0	156.9856431226334	Alternating exposures requested	N	N
Pointing Dec	0	16.52508445178095	Primary exposure time	3.2	3.2
Pointing Roll	0.0	86.05036570518695			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-233.592463	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	223692238.211901	223692237.18688			
Observation start date	2005-02-02T00:43:58	2005-02-02T00:43:57			
Observation end time	223716294.962992	223716293.93796			
Observation end date	2005-02-02T07:24:55	2005-02-02T07:24:53			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.02.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.15999996

A.2 Comments