

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59725 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Mar 18 2006

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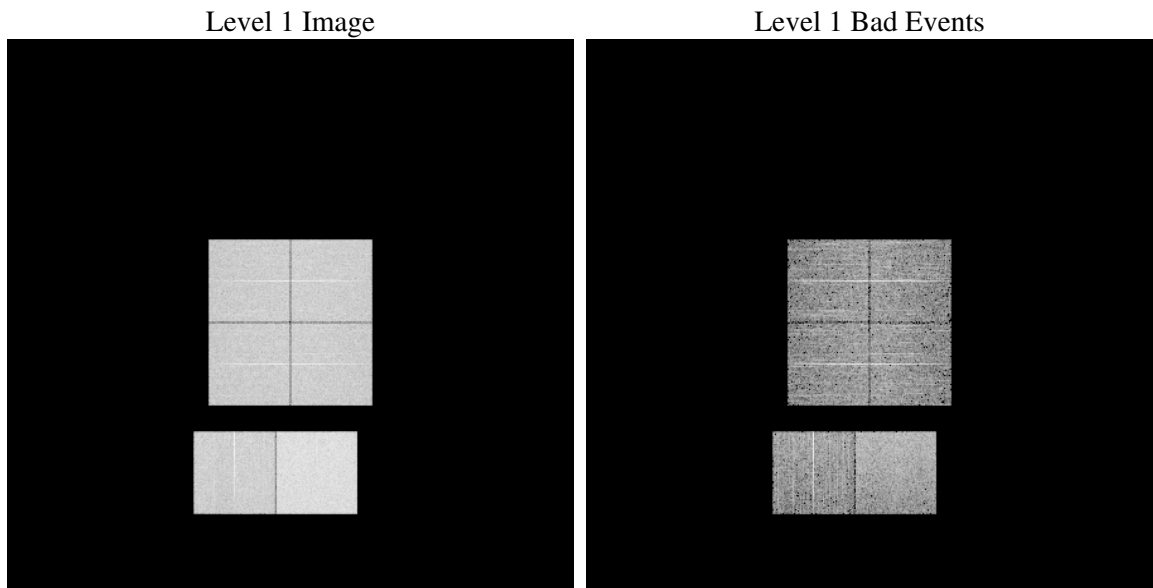
1 Front

seq_num	
obs_id	59725
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	178.7880671006
dec_nom	8.0740001926149
roll_nom	212.62383299884
revision	2
ontime	4940.5017146468
livetime	4877.942107123
ontime0	3365.4288481772
ontime1	3534.0011800528
ontime2	3336.3426035047
ontime3	3368.5877778828
ontime6	3449.8176938593
ontime7	4940.5017146468
l2events	689535

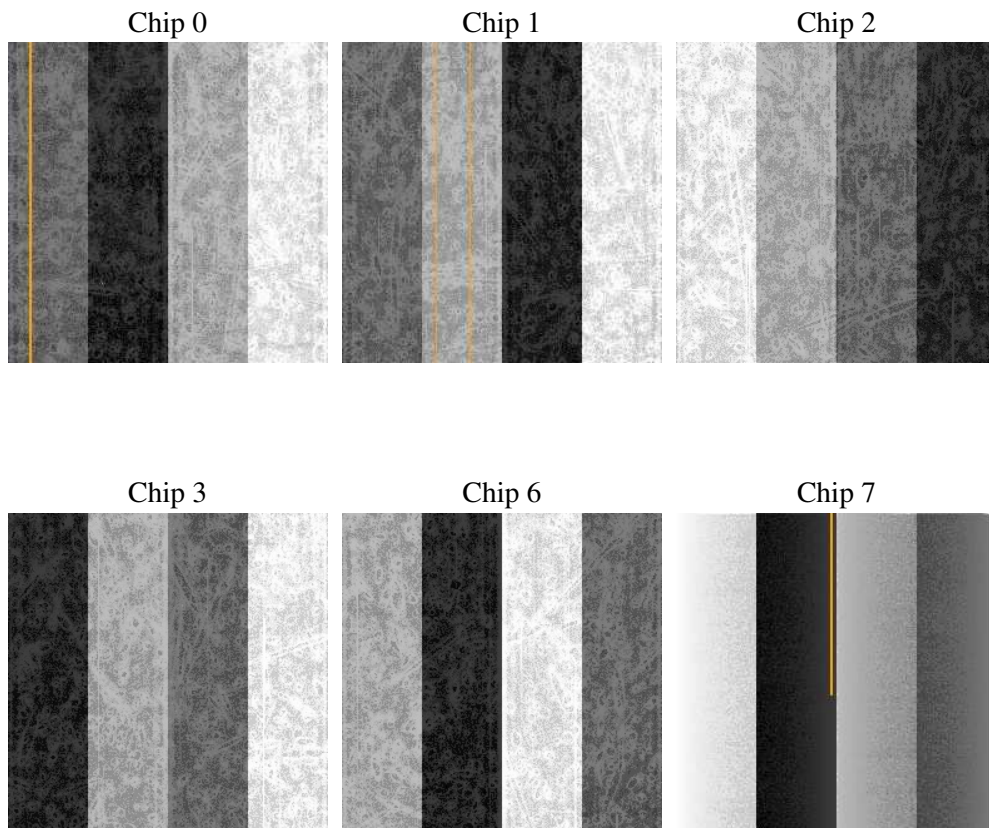
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-18T06:22:40
revision	2

sched_exp_time	0.0
ontime	4942.5328440964
ontime0	3367.4189376235
ontime1	3535.9502294958
ontime2	3338.2506129444
ontime3	3370.6599473357
ontime6	3451.6846633255
ontime7	4942.5328440964
l1events	907778

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	135703	142048	135366	138766	147304	208591
rejected events	27619	27796	28021	28727	31143	41175
rejected %	20%	19%	20%	20%	21%	19%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	57917	60276	59341	60317	60627	28376
	42%	42%	43%	43%	41%	13%
grade 1 events	429	379	464	438	425	84
	0%	0%	0%	0%	0%	0%
grade 2 events	18884	20580	17747	18332	19686	52800
	13%	14%	13%	13%	13%	25%
grade 3 events	6832	7183	6737	7195	7071	10829
	5%	5%	4%	5%	4%	5%
grade 4 events	6853	7198	6718	7078	7040	10770
	5%	5%	4%	5%	4%	5%
grade 5 events	1604	1692	1592	1870	1779	4440
	1%	1%	1%	1%	1%	2%
grade 6 events	17695	19102	16883	17194	21829	64738
	13%	13%	12%	12%	14%	31%
grade 7 events	25489	25638	25884	26342	28847	36554
	18%	18%	19%	18%	19%	17%

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	178.7880671005997	Alternating exposures requested	N	N
Pointing Dec	0	8.074000192614896	Primary exposure time	3.2	3.2
Pointing Roll	0.0	212.623832998844			
SIM focus pos (mm)	-0.782348	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	228225348.067206	228225347.0422			
Observation start date	2005-03-26T11:55:48	2005-03-26T11:55:47			
Observation end time	228242453.267983	228242452.24297			
Observation end date	2005-03-26T16:40:53	2005-03-26T16:40:52			
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)	2006.03.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.94050171

A.2 Comments