

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59512 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Mar 19 2006

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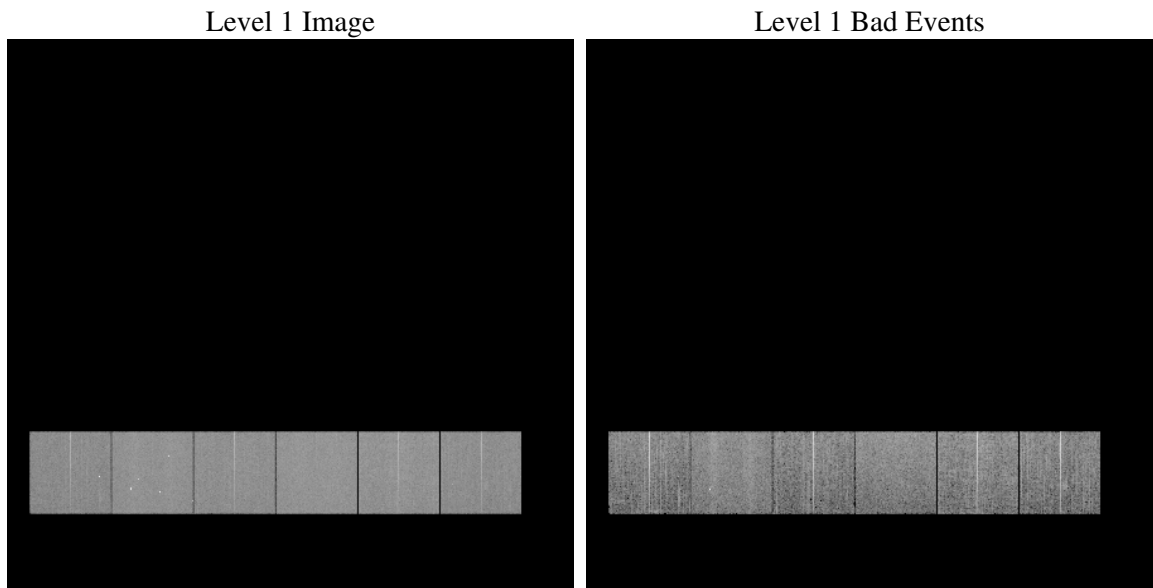
1 Front

seq_num	
obs_id	59512
title	ACIS-456789 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	359.9761771263
dec_nom	0.015816080667371
roll_nom	113.52239731228
revision	2
ontime	8275.1999691725
livetime	8170.4144044356
ontime4	6891.3024422526
ontime5	8275.1999691725
ontime6	7503.8473180532
ontime7	8275.1999691725
ontime8	7834.4269391894
ontime9	7276.9782607257
l2events	1060273

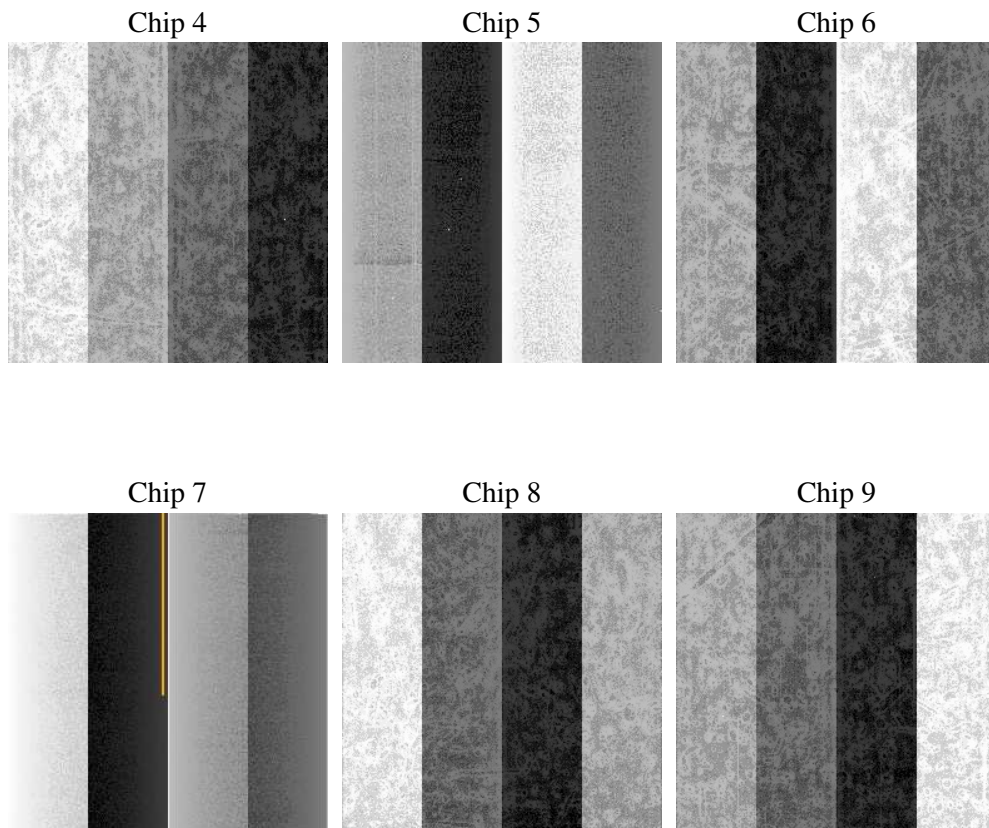
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-19T14:41:09
revision	2

sched_exp_time	0.0
ontime	8277.5347792208
ontime4	6893.637252301
ontime5	8277.5347792208
ontime6	7506.1821281016
ontime7	8277.5347792208
ontime8	7836.7617492378
ontime9	7279.3130707741
l1events	1487019

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	217008	258006	242705	270626	266758	231916
rejected events	56482	64946	56231	61382	63175	55921
rejected %	26%	25%	23%	22%	23%	24%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	94612	19315	97407	32382	109228	96235
	43%	7%	40%	11%	40%	41%
grade 1 events	746	106	448	96	552	541
	0%	0%	0%	0%	0%	0%
grade 2 events	23587	87630	35363	65766	36129	29873
	10%	33%	14%	24%	13%	12%
grade 3 events	10681	5531	11094	13629	13113	11124
	4%	2%	4%	5%	4%	4%
grade 4 events	10544	5232	11001	13418	13111	10976
	4%	2%	4%	4%	4%	4%
grade 5 events	3015	5671	3383	6430	4176	3556
	1%	2%	1%	2%	1%	1%
grade 6 events	21102	75352	31609	84049	32002	27787
	9%	29%	13%	31%	11%	11%
grade 7 events	52721	59169	52400	54856	58447	51824
	24%	22%	21%	20%	21%	22%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-456789	ACIS-456789	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	359.9761771262984	Alternating exposures requested	N	N
Pointing Dec	0	0.01581608066737105	Primary exposure time	3.2	3.2
Pointing Roll	0.0	113.5223973122785			
SIM focus pos (mm)	-0.684267	-1.038866356238299			
SIM defocus (mm)	0	0.4944702831659975			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	239903624.599856	239903623.57486			
Observation start date	2005-08-08T15:53:45	2005-08-08T15:53:43			
Observation end time	239940953.051566	239940952.02657			
Observation end date	2005-08-09T02:15:53	2005-08-09T02:15:52			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.03.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.27519996

A.2 Comments