

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59979 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Apr 13 2006

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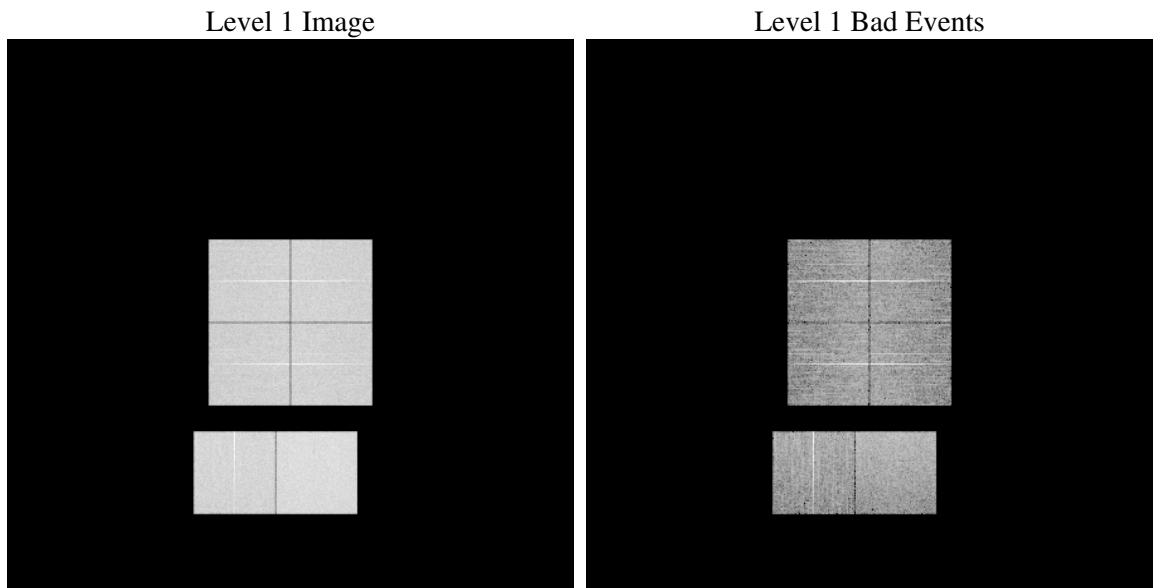
1 Front

seq_num	
obs_id	59979
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	33.029430366417
dec_nom	7.9965354908947
roll_nom	319.71035674939
revision	3
ontime	8268.7999691963
livetime	8164.0954451128
ontime0	6761.513094008
ontime1	6952.7717404366
ontime2	6411.722243607
ontime3	6690.4462369382
ontime6	7170.1100208461
ontime7	8268.7999691963
l2events	1121729

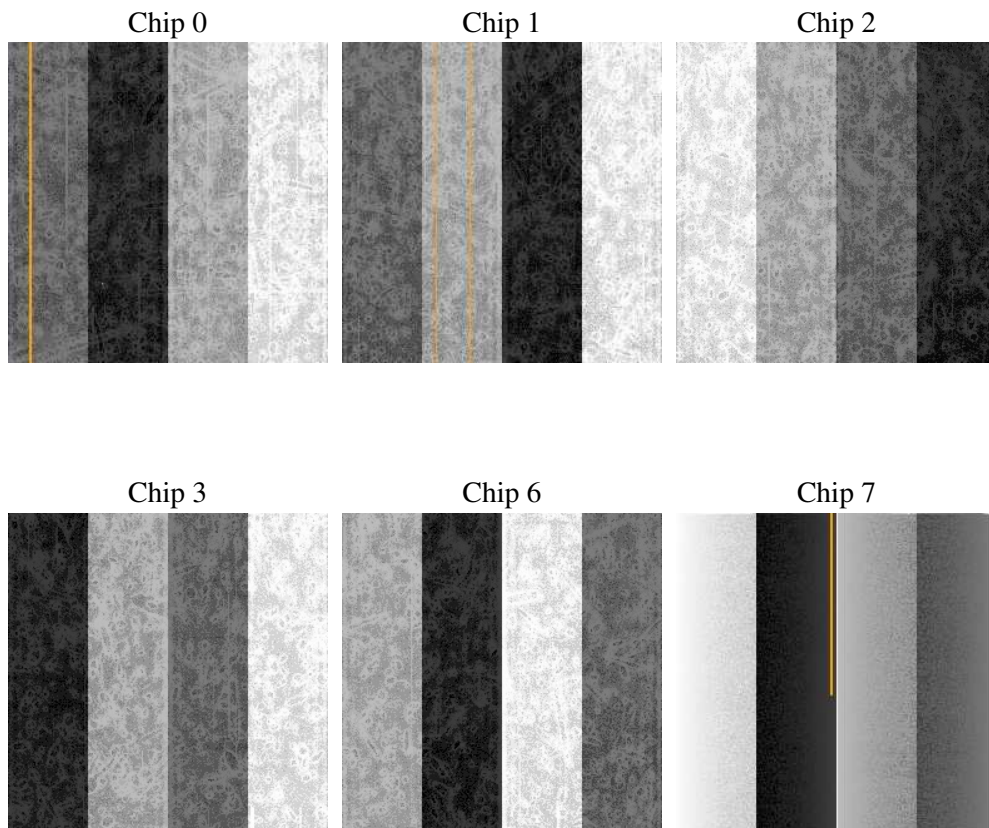
2 OBI

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	2006-04-13T20:20:53
revision	3

sched_exp_time	0.0
ontime	8280.7687610686
ontime0	6770.4752262235
ontime1	6961.6928326488
ontime2	6420.4500651956
ontime3	6699.1740585268
ontime6	7182.0788127184
ontime7	8280.7687610686
l1events	1496224

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	232394	239179	226103	234335	260205	304008
rejected events	48749	49515	50464	50567	55397	63454
rejected %	20%	20%	22%	21%	21%	20%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	100798	103797	97948	102859	110974	40449
	43%	43%	43%	43%	42%	13%
grade 1 events	616	537	671	663	602	124
	0%	0%	0%	0%	0%	0%
grade 2 events	32514	33714	29872	31253	35869	72969
	13%	14%	13%	13%	13%	24%
grade 3 events	11832	12273	11430	12151	12833	17023
	5%	5%	5%	5%	4%	5%
grade 4 events	11893	12021	11710	12084	12802	16595
	5%	5%	5%	5%	4%	5%
grade 5 events	3001	3153	2884	3363	3612	7397
	1%	1%	1%	1%	1%	2%
grade 6 events	26876	28128	24966	25675	32717	93901
	11%	11%	11%	10%	12%	30%
grade 7 events	44864	45556	46622	46287	50796	55550
	19%	19%	20%	19%	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	33.02943036641655	Alternating exposures requested	N	N
Pointing Dec	0	7.996535490894733	Primary exposure time	3.2	3.2
Pointing Roll	0.0	319.7103567493903			
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	215925944.062312	215925943.03729			
Observation start date	2004-11-04T03:25:44	2004-11-04T03:25:43			
Observation end time	215949193.113356	215949192.08833			
Observation end date	2004-11-04T09:53:13	2004-11-04T09:53:12			
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)	2006.04.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.26879996

A.2 Comments