

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 59683 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: Mar 2 2006

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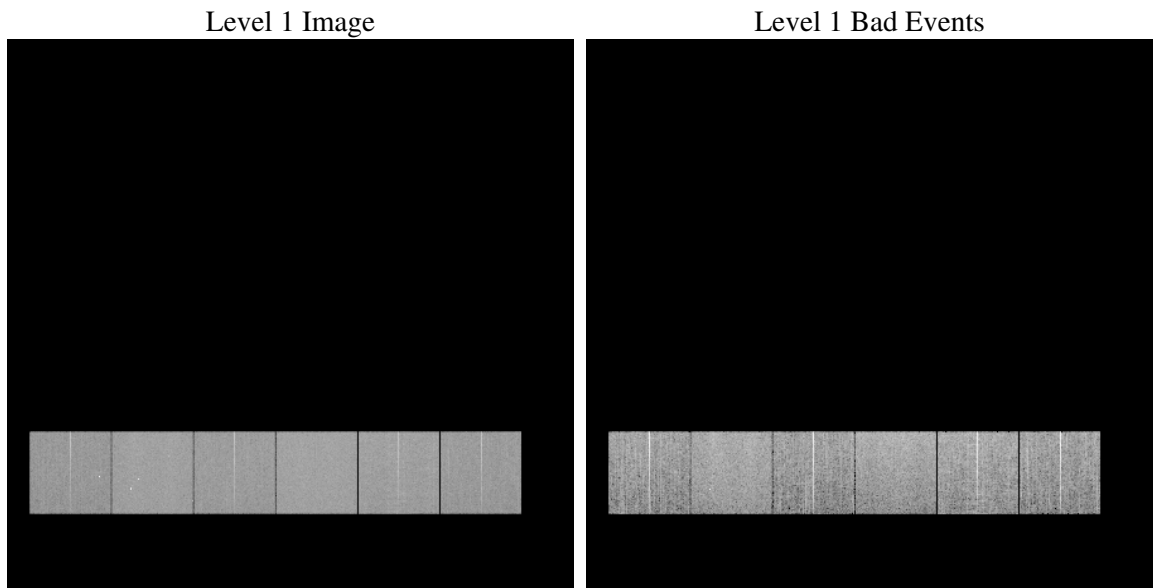
1 Front

seq_num	
obs_id	59683
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	204.02928933225
dec_nom	-20.008332915172
roll_nom	308.51409485828
revision	2
ontime	8239.9999693036
livetime	8135.66012816
ontime4	6729.7056245804
ontime5	8239.9999693036
ontime6	7355.2143484056
ontime7	8239.9999693036
ontime8	7510.780882746
ontime9	7102.4179958403
l2events	1059517

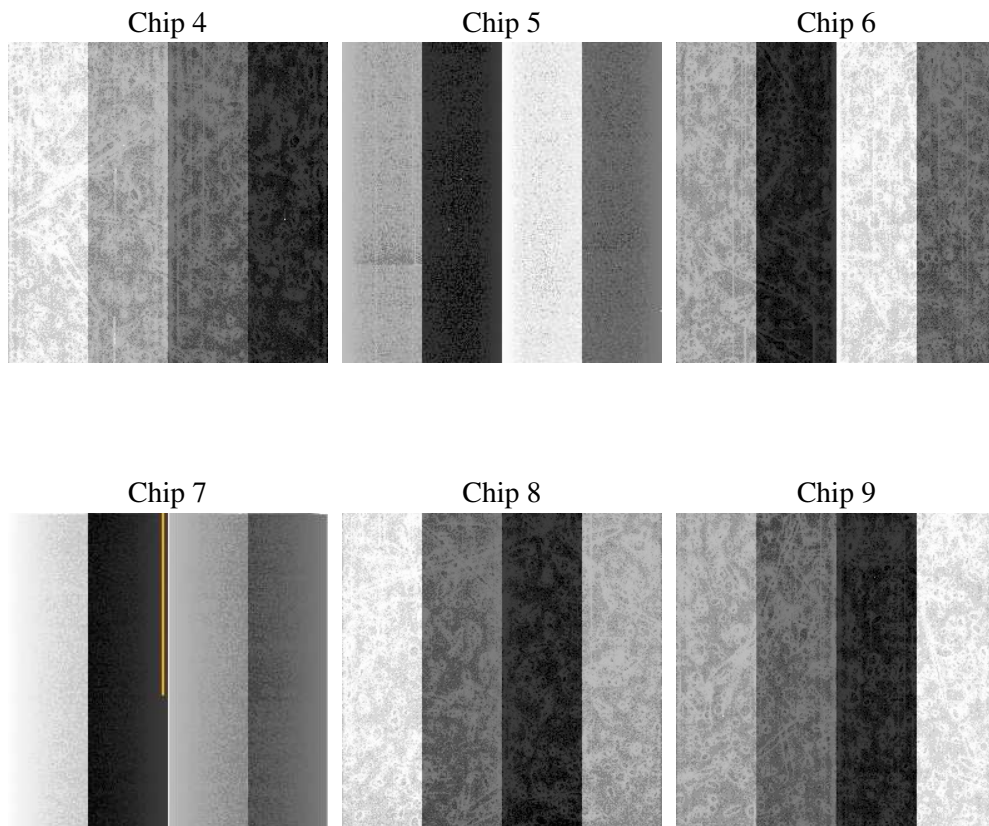
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldsver	3.2.1
date	2006-03-02T14:55:30
revision	2

sched_exp_time	0.0
ontime	8277.5287763774
ontime4	6767.2344316542
ontime5	8277.5287763774
ontime6	7386.2612049282
ontime7	8277.5287763774
ontime8	7545.0687095225
ontime9	7133.4648025334
l1events	1490126

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	215489	264426	240989	277542	262317	229363
rejected events	57054	66368	55098	63278	64941	56441
rejected %	26%	25%	22%	22%	24%	24%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	93229	20256	100923	34523	107110	95534
	43%	7%	41%	12%	40%	41%
grade 1 events	710	117	509	102	598	611
	0%	0%	0%	0%	0%	0%
grade 2 events	24638	92879	32559	66187	34955	29625
	11%	35%	13%	23%	13%	12%
grade 3 events	10466	5963	11512	14782	12909	11285
	4%	2%	4%	5%	4%	4%
grade 4 events	10616	5691	11577	14292	12824	11110
	4%	2%	4%	5%	4%	4%
grade 5 events	3102	6237	3554	7000	4354	3636
	1%	2%	1%	2%	1%	1%
grade 6 events	20269	74171	30013	85417	30421	26183
	9%	28%	12%	30%	11%	11%
grade 7 events	52459	59112	50342	55239	59146	51379
	24%	22%	20%	19%	22%	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	204.0292893322515	Alternating exposures requested	N	N
Pointing Dec	0	-20.00833291517168	Primary exposure time	3.2	3.2
Pointing Roll	0.0	308.5140948582816			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	230777120.533132	230777119.50814			
Observation start date	2005-04-25T00:45:21	2005-04-25T00:45:19			
Observation end time	230800720.134205	230800719.10921			
Observation end date	2005-04-25T07:18:40	2005-04-25T07:18:39			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.03.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.23999996

A.2 Comments

Focal plane tempterature is elevated at start of observation.
Calibration may be affected.