

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59485 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Mar 20 2006

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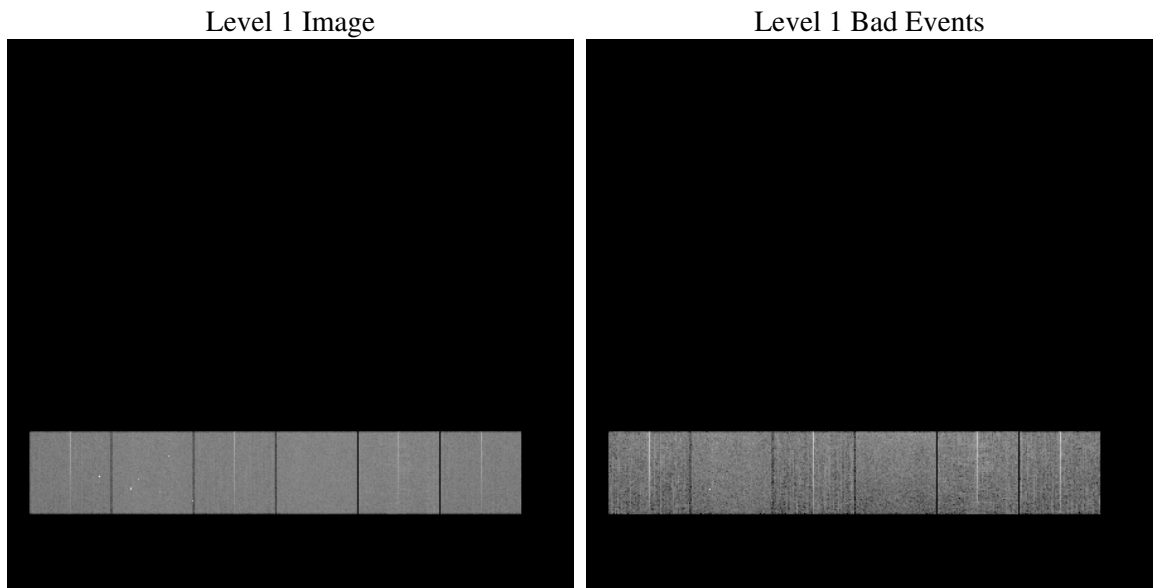
1 Front

seq_num	
obs_id	59485
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	355.01207299302
dec_nom	-32.97327292674
roll_nom	36.378847710117
revision	2
ontime	8278.3999691606
livetime	8173.573884097
ontime4	7380.6485565901
ontime5	8278.3999691606
ontime6	7928.3740473092
ontime7	8278.3999691606
ontime8	8129.3149749637
ontime9	7753.3613007665
l2events	1040909

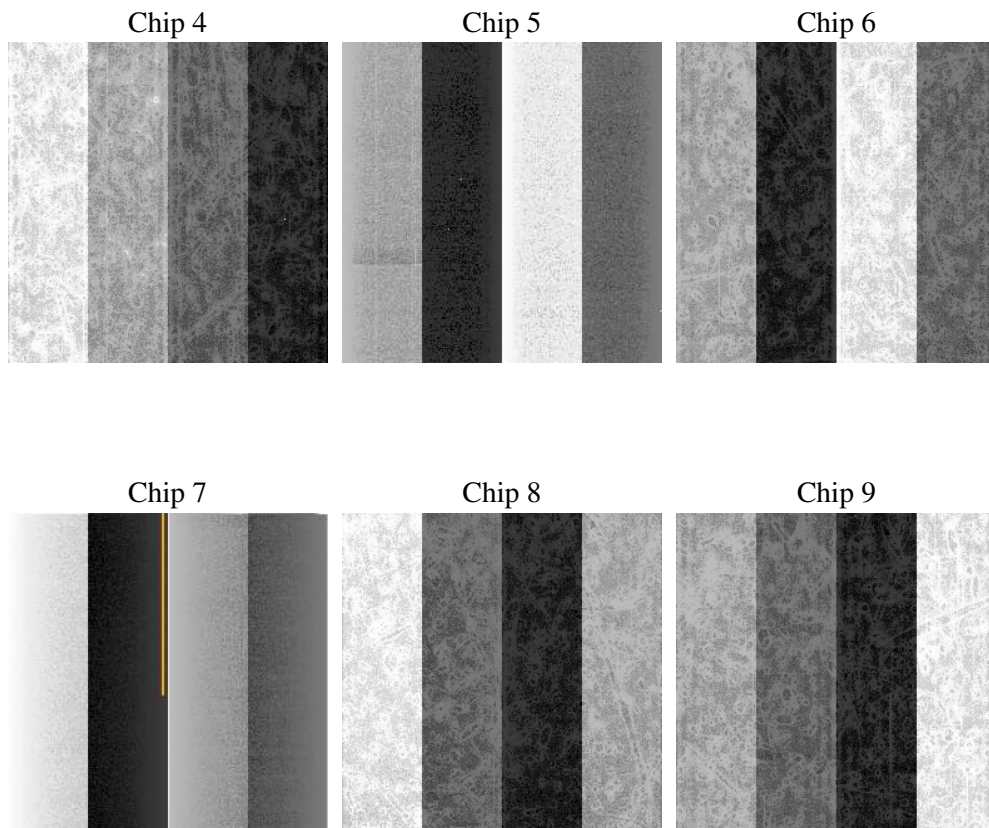
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-20T23:29:05
revision	2

sched_exp_time	0.0
ontime	8280.7776799202
ontime4	7383.0262673497
ontime5	8280.7776799202
ontime6	7930.7517580688
ontime7	8280.7776799202
ontime8	8131.6926857233
ontime9	7755.7390115261
l1events	1485313

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	222480	252517	246092	263017	266040	235167
rejected events	59974	64491	61214	61205	66982	59807
rejected %	26%	25%	24%	23%	25%	25%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	94722	20684	99933	32627	107278	96156
	42%	8%	40%	12%	40%	40%
grade 1 events	748	119	549	110	594	596
	0%	0%	0%	0%	0%	0%
grade 2 events	25422	86332	31967	61562	35081	30149
	11%	34%	12%	23%	13%	12%
grade 3 events	10906	5755	11655	13725	12933	11352
	4%	2%	4%	5%	4%	4%
grade 4 events	10710	5547	11478	13633	13017	11405
	4%	2%	4%	5%	4%	4%
grade 5 events	3260	6233	3636	6852	4691	4009
	1%	2%	1%	2%	1%	1%
grade 6 events	20746	69708	29845	80265	30749	26298
	9%	27%	12%	30%	11%	11%
grade 7 events	55966	58139	57029	54243	61697	55202
	25%	23%	23%	20%	23%	23%

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	355.0120729930229	Alternating exposures requested	N	N
Pointing Dec	0	-32.97327292674036	Primary exposure time	3.2	3.2
Pointing Roll	0.0	36.37884771011672			
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	241746256.934379	241746255.90938			
Observation start date	2005-08-29T23:44:17	2005-08-29T23:44:15			
Observation end time	241769792.985459	241769791.96046			
Observation end date	2005-08-30T06:16:33	2005-08-30T06:16:31			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2006.03.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.27839996

A.2 Comments

Significant periods of non-GTI on front-illuminated chips.