

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59584 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Mar 12 2006

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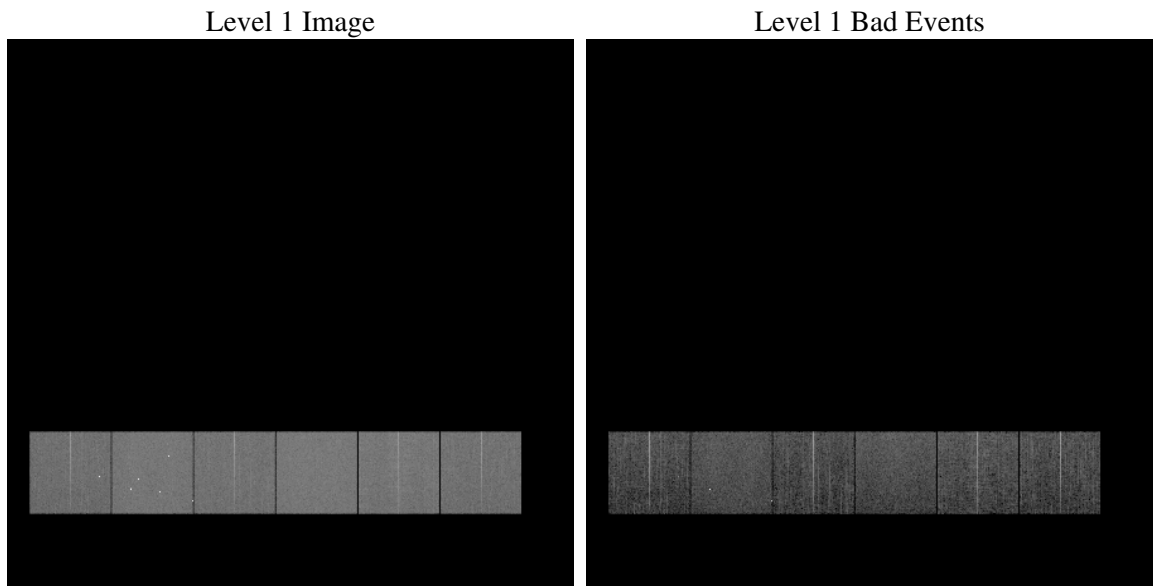
1 Front

seq_num	
obs_id	59584
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	106.57558903292
dec_nom	-24.217924323689
roll_nom	185.96325571822
revision	2
ontime	8275.0506187379
livetime	8170.2669451662
ontime4	6862.1152410507
ontime5	8275.0916587412
ontime6	7413.0374005735
ontime7	8275.0506187379
ontime8	7717.7553072572
ontime9	7192.5294790566
l2events	1040203

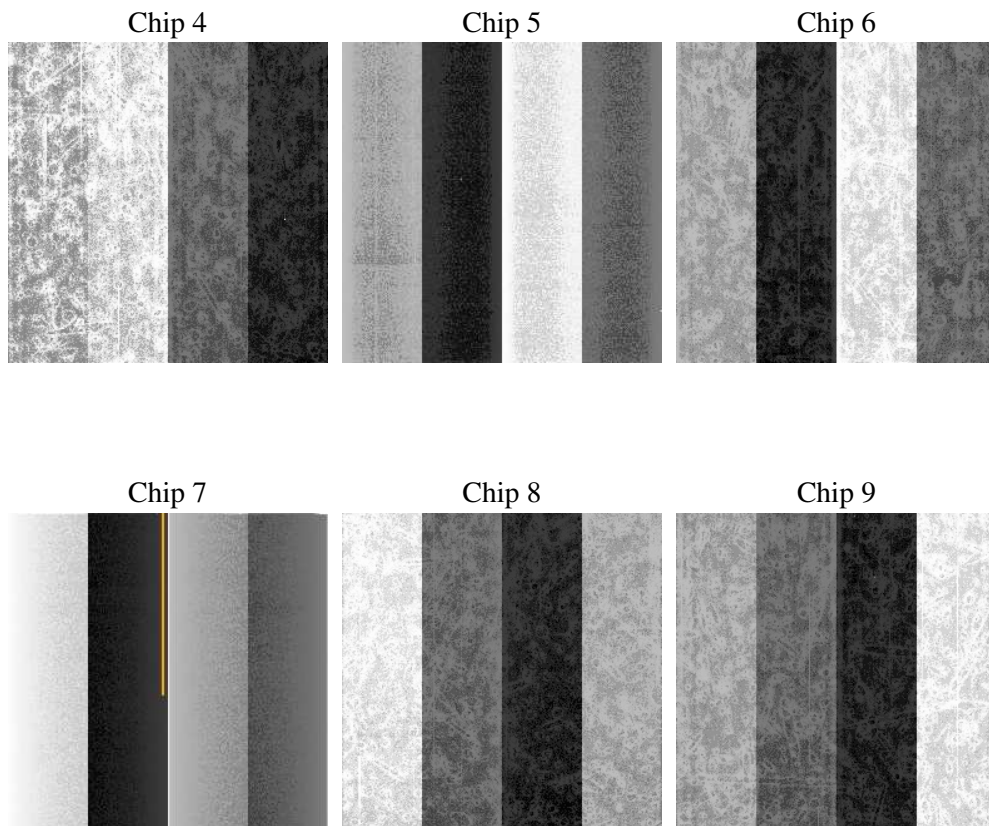
2 OBI

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	2006-03-12T06:50:35
revision	2

sched_exp_time	0.0
ontime	8277.5096583366
ontime4	6864.4511606395
ontime5	8277.5096583366
ontime6	7415.4143601656
ontime7	8277.5096583366
ontime8	7720.0649964213
ontime9	7195.0295586586
l1events	1489171

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	216328	269813	239086	273723	262949	227272
rejected events	57929	68757	57519	63939	66126	57931
rejected %	26%	25%	24%	23%	25%	25%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	92595	26101	98355	33289	105534	93047
	42%	9%	41%	12%	40%	40%
grade 1 events	749	398	493	106	604	566
	0%	0%	0%	0%	0%	0%
grade 2 events	24637	90482	31344	64538	34947	29104
	11%	33%	13%	23%	13%	12%
grade 3 events	10604	5731	11299	14216	13027	10850
	4%	2%	4%	5%	4%	4%
grade 4 events	10427	5569	11263	13909	13016	10793
	4%	2%	4%	5%	4%	4%
grade 5 events	3249	7423	3644	7236	4583	3788
	1%	2%	1%	2%	1%	1%
grade 6 events	20229	73252	29401	83914	30385	25622
	9%	27%	12%	30%	11%	11%
grade 7 events	53838	60857	53287	56515	60853	53502
	24%	22%	22%	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	106.5755890329162	Alternating exposures requested	N	N
Pointing Dec	0	-24.21792432368942	Primary exposure time	3.2	3.2
Pointing Roll	0.0	185.9632557182162			
SIM focus pos (mm)	-0.684267	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	236719004.804085	236719003.77908			
Observation start date	2005-07-02T19:16:45	2005-07-02T19:16:43			
Observation end time	236740314.55506	236740313.53006			
Observation end date	2005-07-03T01:11:55	2005-07-03T01:11:53			
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)	2006.03.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.27505061

A.2 Comments