

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 60460 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jun 23 2006

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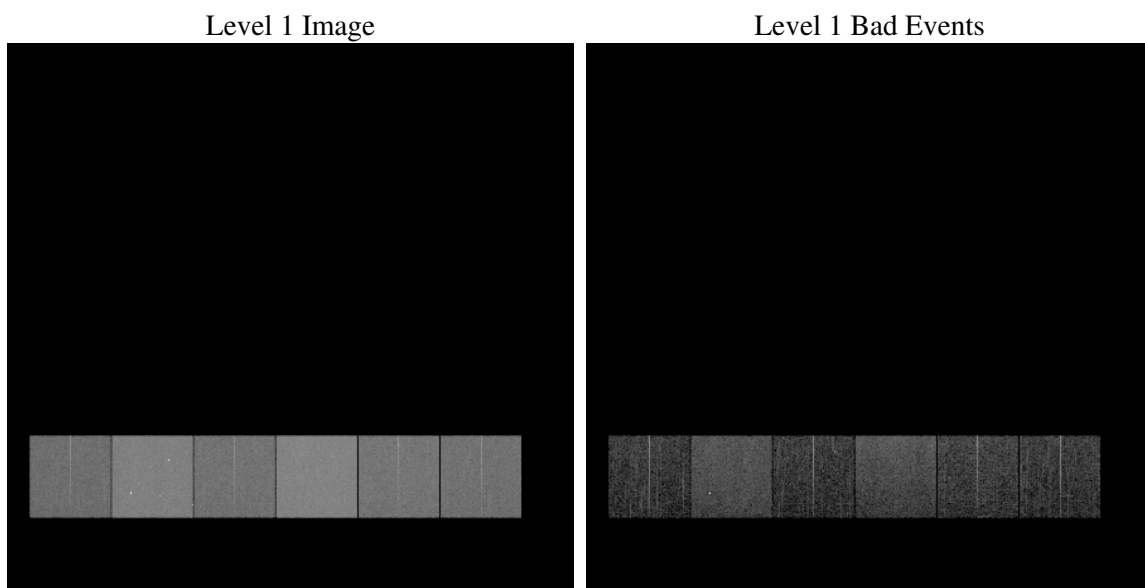
1 Front

seq_num	
obs_id	60460
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	24.012025192855
dec_nom	49.972468681573
roll_nom	252.76985170142
revision	2
ontime	8419.199968636
livetime	8312.5909891996
ontime4	4834.6764958203
ontime5	8419.199968636
ontime6	5180.0047465563
ontime7	8419.199968636
ontime8	5447.2232549191
ontime9	5123.1246334314
l2events	1212049

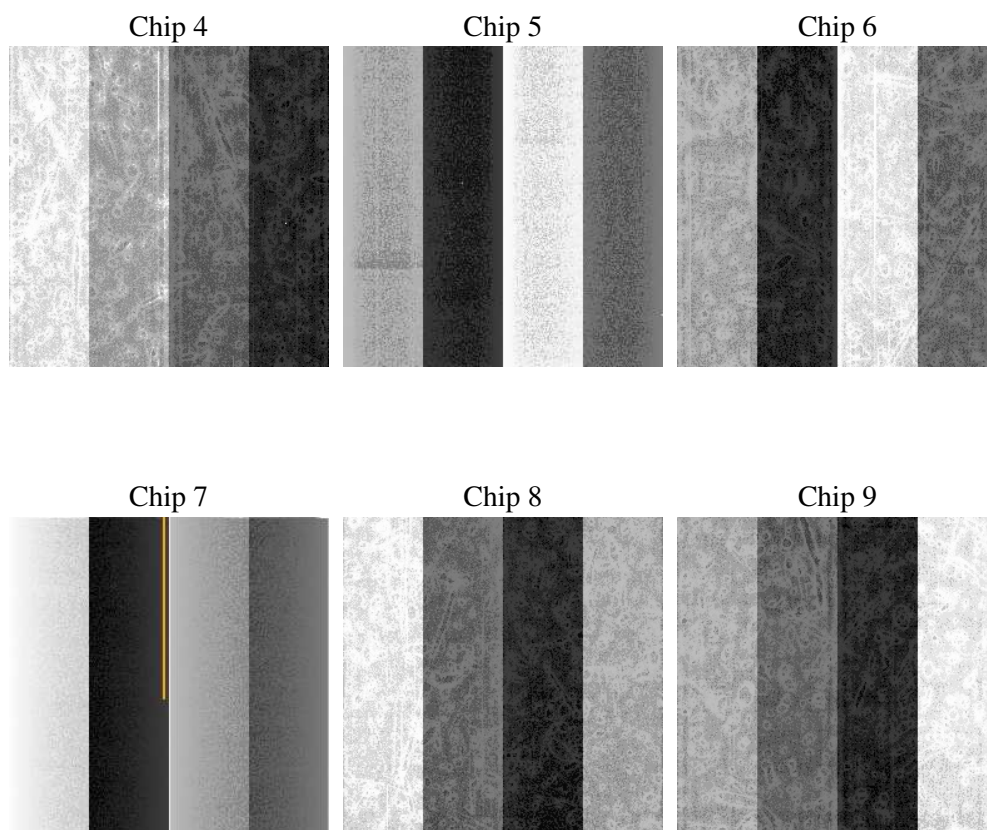
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldbver	3.2.2
date	2006-06-23T22:29:36
revision	2

sched_exp_time	0.0
ontime	8465.5076669157
ontime4	4861.538372308
ontime5	8465.5076669157
ontime6	5211.5653040111
ontime7	8465.5076669157
ontime8	5477.3260519803
ontime9	5153.2274204493
l1events	1534610

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	194682	324610	219024	349789	235478	211027
rejected events	33648	62021	32859	55392	38196	33984
rejected %	17%	19%	15%	15%	16%	16%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	93661	32339	102125	52821	109356	98372
	48%	9%	46%	15%	46%	46%
grade 1 events	615	116	445	139	523	515
	0%	0%	0%	0%	0%	0%
grade 2 events	25851	125162	32132	89929	34523	30727
	13%	38%	14%	25%	14%	14%
grade 3 events	10768	8371	11823	21744	12611	11341
	5%	2%	5%	6%	5%	5%
grade 4 events	10727	8327	11717	21179	12716	11295
	5%	2%	5%	6%	5%	5%
grade 5 events	2129	6438	2344	6728	2783	2406
	1%	1%	1%	1%	1%	1%
grade 6 events	20987	89897	29518	110410	29279	26416
	10%	27%	13%	31%	12%	12%
grade 7 events	29944	53960	28920	46839	33687	29955
	15%	16%	13%	13%	14%	14%

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	24.01202519285457	Alternating exposures requested	N	N
Pointing Dec	0	49.97246868157259	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	252.7698517014163			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-190.132523	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	187140648.441255	187140647.41653			
Observation start date	2003-12-06T23:30:48	2003-12-06T23:30:47			
Observation end time	187163327.592238	187163326.56752			
Observation end date	2003-12-07T05:48:48	2003-12-07T05:48:46			
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)	2006.06.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.41919996

A.2 Comments