

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 60844 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Sep 19 2006

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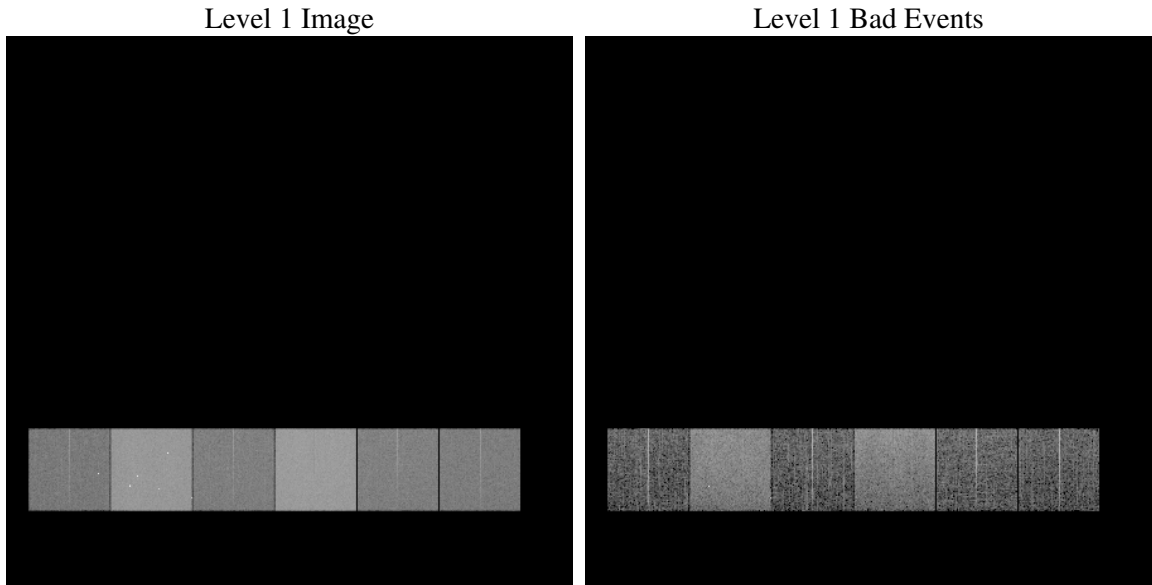
1 Front

seq_num	
obs_id	60844
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	125.00035489294
dec_nom	29.97137237792
roll_nom	237.6873345298
revision	2
ontime	8463.5677958727
livetime	8356.3970042927
ontime4	3475.816405803
ontime5	8463.608835876
ontime6	3816.0820151269
ontime7	8463.5677958727
ontime8	3871.2604902089
ontime9	3738.17448318
l2events	1250357

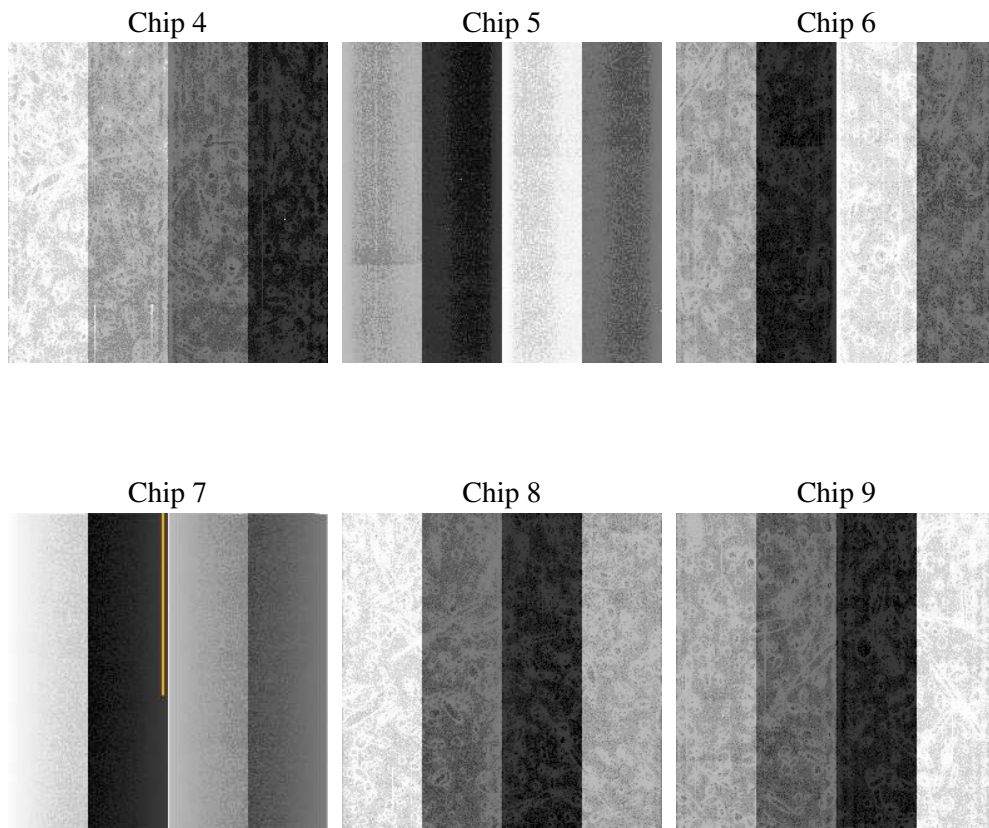
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-19T14:40:16
revision	2

sched_exp_time	0.0
ontime	8465.5043355823
ontime4	3477.6298255026
ontime5	8465.5043355823
ontime6	3817.9364748299
ontime7	8465.5043355823
ontime8	3873.032869935
ontime9	3740.1520628929
l1events	1542921

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	166804	384291	193597	416505	198966	182758
rejected events	26247	65333	26923	57840	29313	25868
rejected %	15%	17%	13%	13%	14%	14%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	81645	39471	90684	64477	93557	86852
	48%	10%	46%	15%	47%	47%
grade 1 events	589	187	436	166	465	470
	0%	0%	0%	0%	0%	0%
grade 2 events	22410	151174	29055	108263	29608	27155
	13%	39%	15%	25%	14%	14%
grade 3 events	9291	10599	10396	26579	10900	10028
	5%	2%	5%	6%	5%	5%
grade 4 events	9357	10398	10366	26010	11004	10002
	5%	2%	5%	6%	5%	5%
grade 5 events	1736	7189	1876	7386	2198	1935
	1%	1%	0%	1%	1%	1%
grade 6 events	17989	107432	26325	133469	24718	23003
	10%	27%	13%	32%	12%	12%
grade 7 events	23787	57841	24459	50155	26516	23313
	14%	15%	12%	12%	13%	12%

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	125.0003548929361	Alternating exposures requested	N	N
Pointing Dec	0	29.97137237792016	Primary exposure time	3.2	3.2
Pointing Roll	0.0	237.6873345298038			
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	161792309.210698	161792308.18598			
Observation start date	2003-02-16T14:18:29	2003-02-16T14:18:28			
Observation end time	161803346.411162	161803345.38644			
Observation end date	2003-02-16T17:22:26	2003-02-16T17:22:25			
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)	2006.09.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.46356779

A.2 Comments