

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61141 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Sep 21 2006

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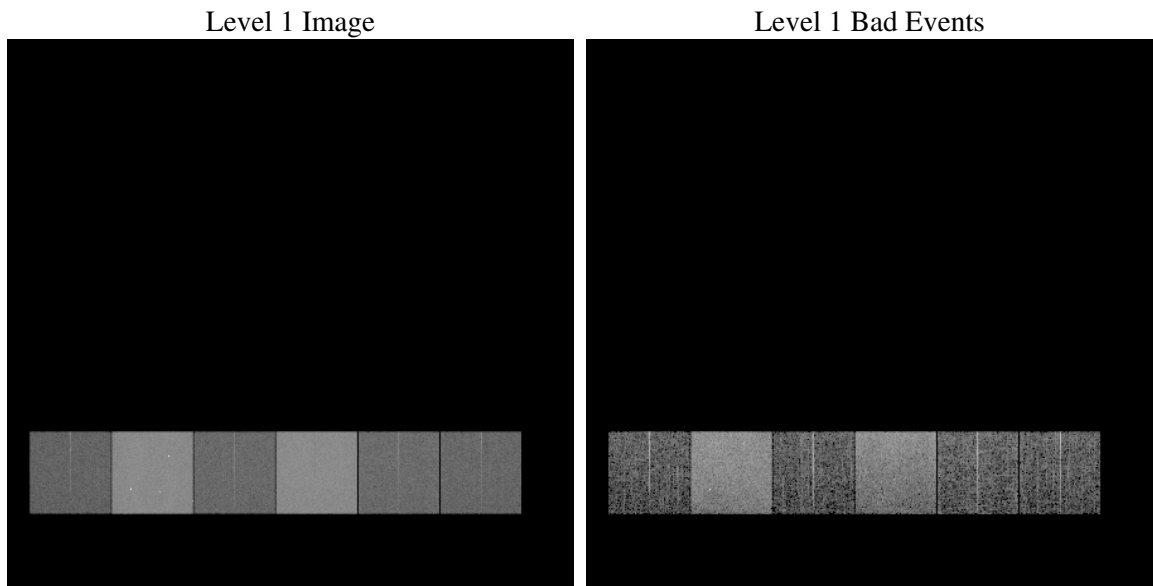
1 Front

seq_num	
obs_id	61141
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	259.00002094001
dec_nom	-10.028624112074
roll_nom	237.26298280312
revision	2
ontime	7224.6083754003
livetime	7133.1260340141
ontime4	2499.3743560314
ontime5	7752.926199615
ontime6	2794.2671182156
ontime7	7224.6083754003
ontime8	2872.134197861
ontime9	2719.6005768478
l2events	1188978

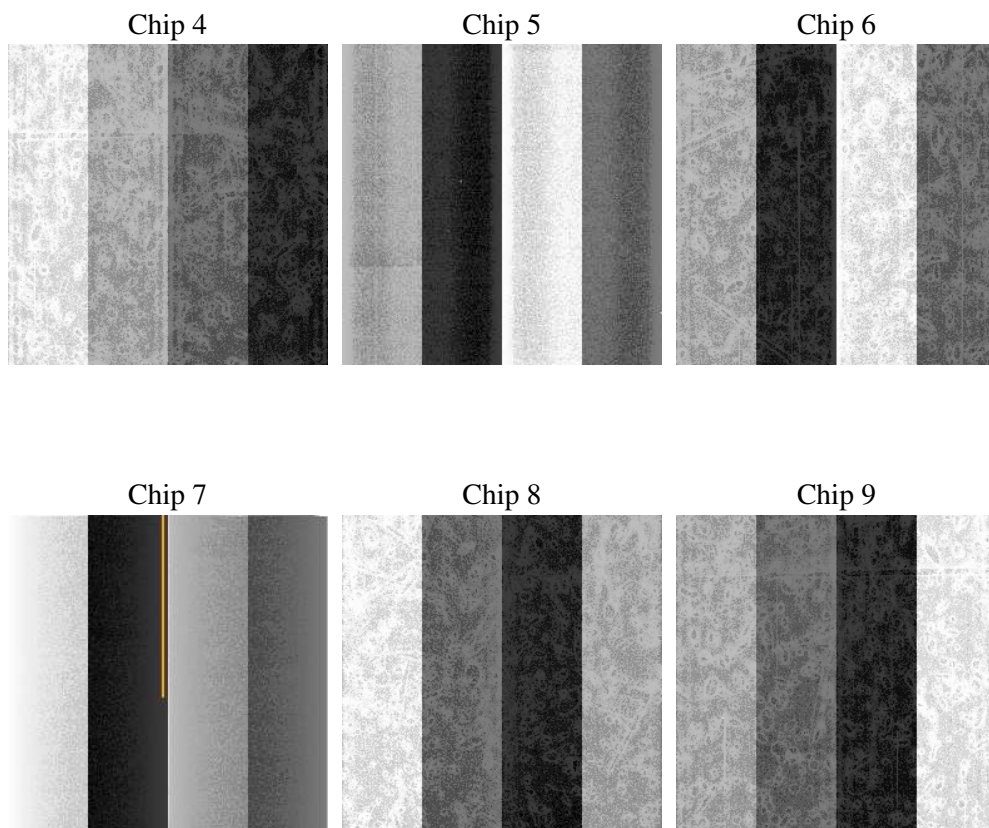
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-09-21T13:18:42
revision	2

sched_exp_time	0.0
ontime	7227.4373419881
ontime4	2502.0802026093
ontime5	7755.7141261995
ontime6	2797.0140047967
ontime7	7227.4373419881
ontime8	2874.7990044653
ontime9	2722.4705834389
l1events	1445672

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	138808	404446	164117	410039	172808	155454
rejected events	20667	63664	21306	50776	24698	21803
rejected %	14%	15%	12%	12%	14%	14%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	66915	45430	77980	68296	81219	73028
	48%	11%	47%	16%	46%	46%
grade 1 events	354	298	404	172	393	383
	0%	0%	0%	0%	0%	0%
grade 2 events	20948	160691	24818	106087	26098	23913
	15%	39%	15%	25%	15%	15%
grade 3 events	7277	12152	8879	27755	9456	8282
	5%	3%	5%	6%	5%	5%
grade 4 events	7306	11833	8868	27802	9554	8285
	5%	2%	5%	6%	5%	5%
grade 5 events	1258	7197	1519	6981	1696	1558
	0%	1%	0%	1%	0%	1%
grade 6 events	15875	110832	22438	129464	21950	20305
	11%	27%	13%	31%	12%	13%
grade 7 events	18875	56013	19211	43482	22442	19700
	13%	13%	11%	10%	12%	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	259.0000209400125	Alternating exposures requested	N	N
Pointing Dec	0	-10.02862411207376	Primary exposure time	3.2	3.2
Pointing Roll	0.0	237.2629828031231			
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	142099657.843149	142099656.81843			
Observation start date	2002-07-03T16:07:38	2002-07-03T16:07:36			
Observation end time	142117304.243873	142117303.21916			
Observation end date	2002-07-03T21:01:44	2002-07-03T21:01:43			
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)	2006.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.22460837

A.2 Comments