

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 62011 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : May 27 2007

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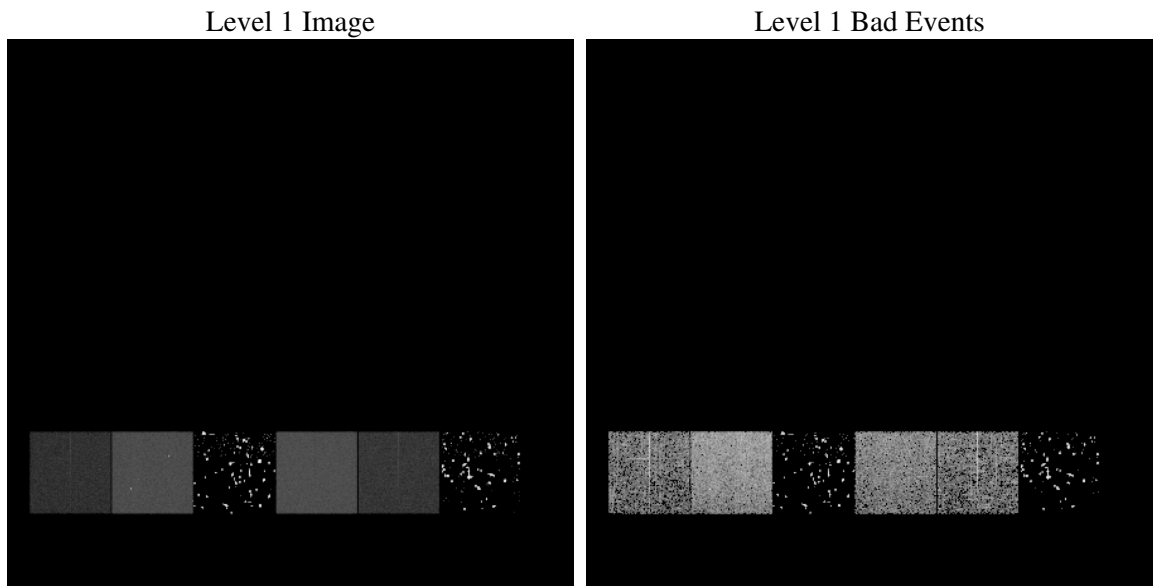
1 Front

seq_num	
obs_id	62011
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	142.37155816918
dec_nom	-62.287465191338
roll_nom	220.3525215963
revision	4
ontime	3061.7285999954
livetime	3022.9591489106
ontime4	1224.6817034334
ontime5	3283.1960501969
ontime6	1082.5330070406
ontime7	3061.7285999954
ontime8	1386.7746831775
ontime9	890.69064368308
l2events	680314

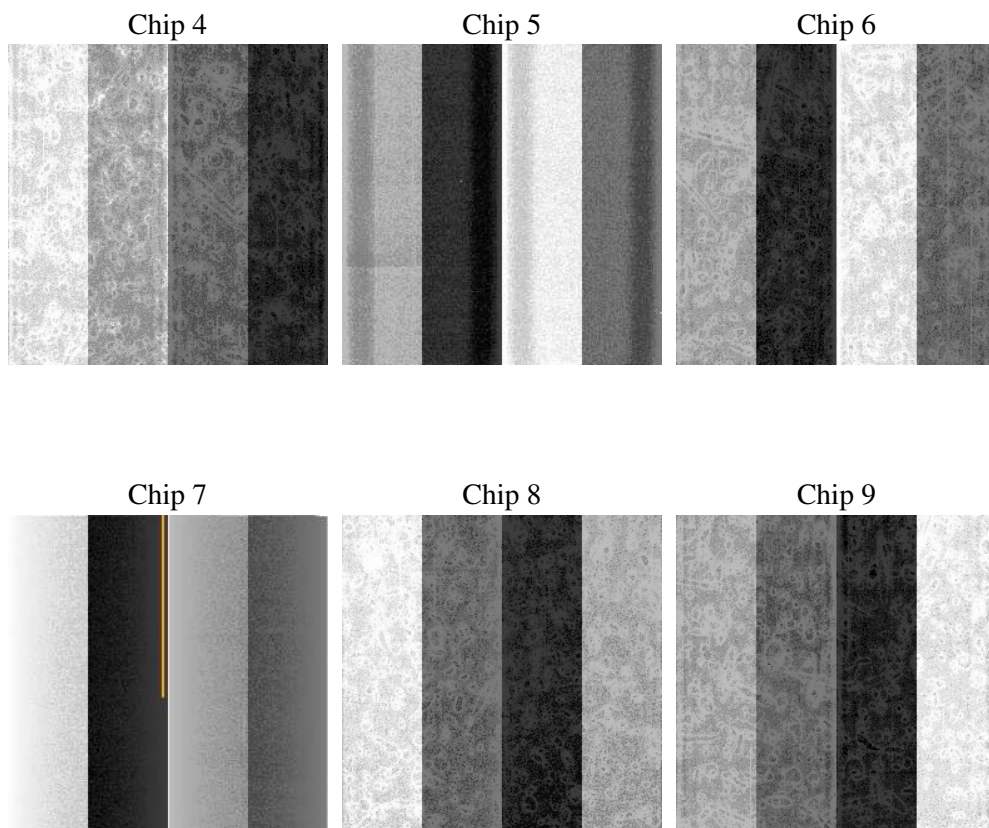
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-05-27T23:06:58
revision	4

sched_exp_time	0.0
ontime	3061.7285999954
ontime4	1224.6817034334
ontime5	3283.1960501969
ontime6	1082.5330070406
ontime7	3061.7285999954
ontime8	1386.7746831775
ontime9	890.69064368308
l1events	1457351

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	107324	262849	341372	271775	129704	344327
rejected events	12145	24849	3602	15796	12705	3837
rejected %	11%	9%	1%	5%	9%	1%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	53926	62067	338484	66247	64807	340841
	50%	23%	99%	24%	49%	98%
grade 1 events	351	197	487	186	354	545
	0%	0%	0%	0%	0%	0%
grade 2 events	16808	82272	303	57114	20486	358
	15%	31%	0%	21%	15%	0%
grade 3 events	5865	16049	168	26207	7250	204
	5%	6%	0%	9%	5%	0%
grade 4 events	5965	16024	136	26152	7449	143
	5%	6%	0%	9%	5%	0%
grade 5 events	832	5328	260	3598	1003	361
	0%	2%	0%	1%	0%	0%
grade 6 events	12838	61804	244	80273	17135	258
	11%	23%	0%	29%	13%	0%
grade 7 events	10739	19108	1290	11998	11220	1617
	10%	7%	0%	4%	8%	0%

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	142.3715581691842	Alternating exposures requested	N	N
Pointing Dec	0	-62.28746519133772	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	220.3525215963023			
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	78578523.2	78578522.431701			
Observation start date	2000-06-28T11:22:03	2000-06-28T11:22:02			
Observation end time	78621595.752	78621594.98329			
Observation end date	2000-06-28T23:19:56	2000-06-28T23:19:54			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.05.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.06172859

A.2 Comments

ACIS T-plane latchup impacted CCDs 6 and 9.