

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 60958 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Oct 9 2006

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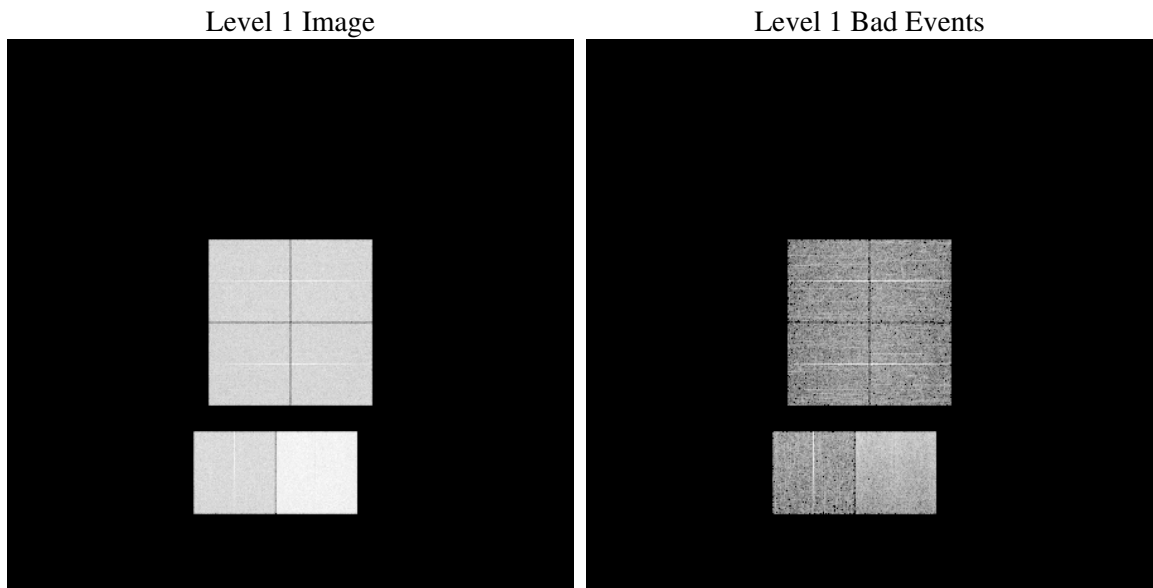
1 Front

seq_num	
obs_id	60958
title	ACIS-012367 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	82.651386044369
dec_nom	78.900710534099
roll_nom	145.76260710555
revision	2
ontime	8431.2728947401
livetime	8324.5110406439
ontime0	4137.0219979286
ontime1	4221.3290114105
ontime2	3975.0533232987
ontime3	3984.6123622358
ontime6	4312.1589857042
ontime7	8431.2728947401
l2events	1281157

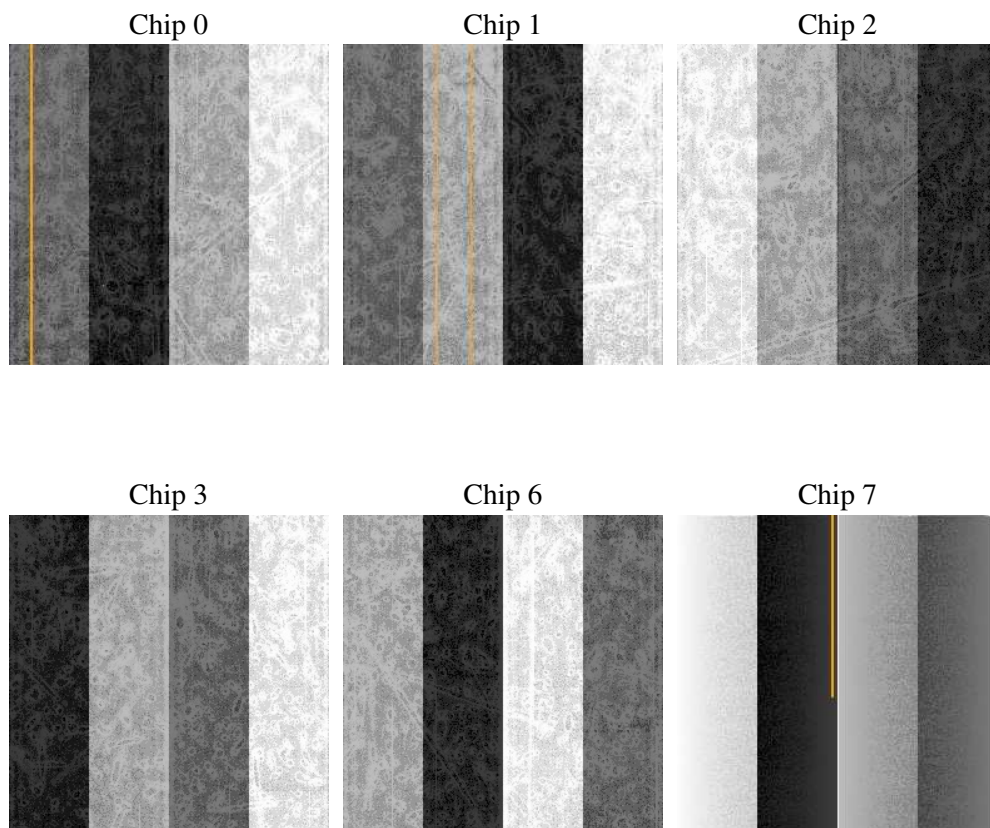
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-09T19:18:39
revision	2

sched_exp_time	0.0
ontime	8433.0883406699
ontime0	4138.7964038551
ontime1	4223.0623773336
ontime2	3976.7456492186
ontime3	3986.4688481688
ontime6	4313.8102716506
ontime7	8433.0883406699
l1events	1547018

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	216746	221476	210074	213565	238321	446836
rejected events	28452	29372	27757	29282	32049	61324
rejected %	13%	13%	13%	13%	13%	13%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	103917	105232	102051	103462	112082	67529
	47%	47%	48%	48%	47%	15%
grade 1 events	561	561	640	649	593	160
	0%	0%	0%	0%	0%	0%
grade 2 events	32762	34176	30718	31145	35536	118342
	15%	15%	14%	14%	14%	26%
grade 3 events	12136	12127	11852	11998	12816	27709
	5%	5%	5%	5%	5%	6%
grade 4 events	11914	12153	11833	11955	12705	27188
	5%	5%	5%	5%	5%	6%
grade 5 events	2041	2113	1891	2011	2285	7797
	0%	0%	0%	0%	0%	1%
grade 6 events	27701	28571	26014	25895	33311	144886
	12%	12%	12%	12%	13%	32%
grade 7 events	25714	26543	25075	26450	28993	53225
	11%	11%	11%	12%	12%	11%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	82.65138604436871	Alternating exposures requested	N	N
Pointing Dec	0	78.90071053409865	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	145.7626071055475			
SIM focus pos (mm)	-0.782348	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	153783840.375906	153783839.35119			
Observation start date	2002-11-15T21:44:00	2002-11-15T21:43:59			
Observation end time	153806546.176851	153806545.15213			
Observation end date	2002-11-16T04:02:26	2002-11-16T04:02:25			
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)	2006.10.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.43127289

A.2 Comments