

V&V Reference Report

L2 ASCDS Version : 7.6.11.10

Observation 60735 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 4 2009

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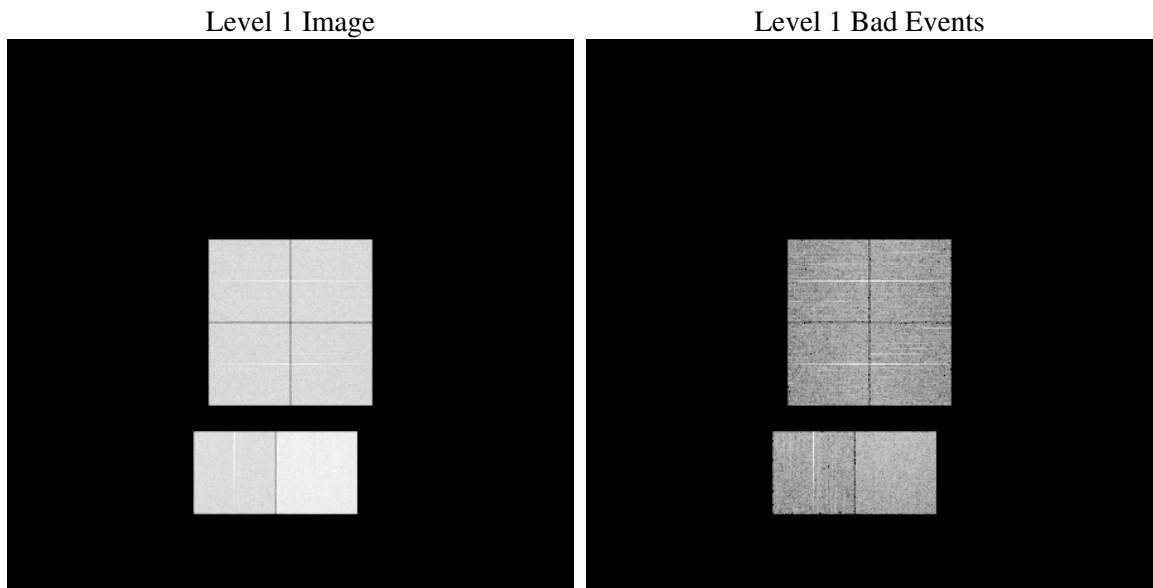
1 Front

seq_num	
obs_id	60735
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	330.70748247215
dec_nom	-16.706657973566
roll_nom	102.79745293234
revision	3
ontime	11222.399958193
livetime	11080.295172605
ontime0	6409.5638308525
ontime1	6691.5304737389
ontime2	6266.9610700011
ontime3	6246.7031992078
ontime6	6950.2035059035
ontime7	11222.399958193
l2events	1681604

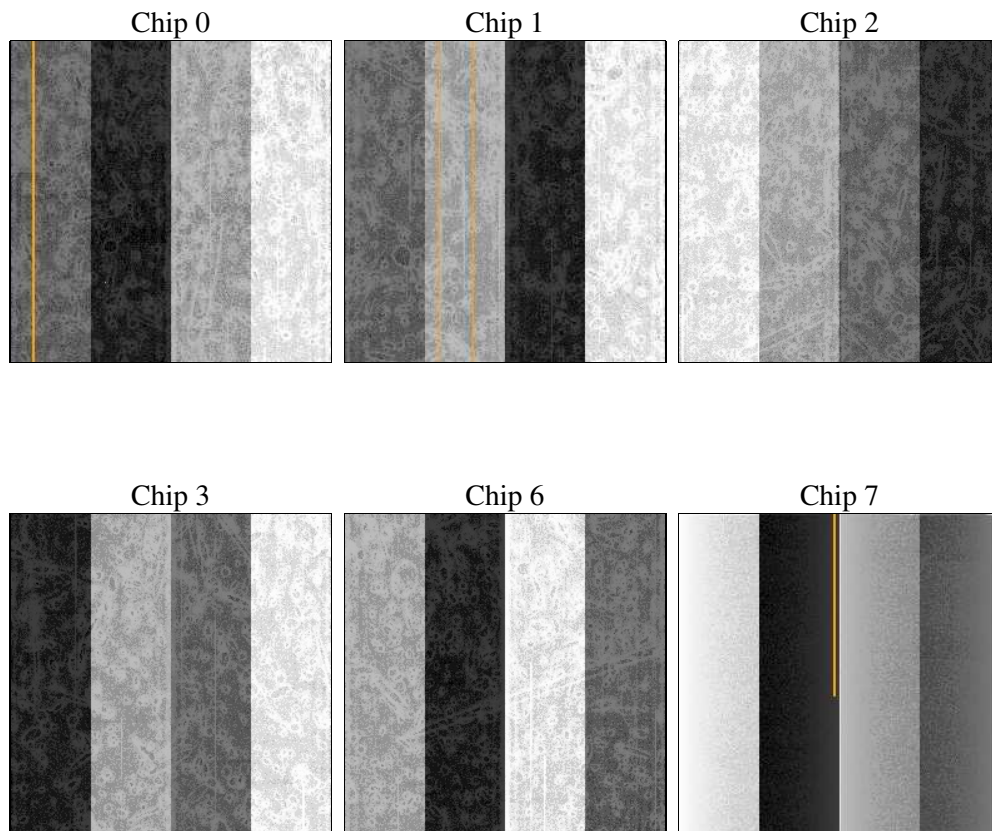
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.11.10
caldbver	3.5.1
date	2009-02-04T16:56:52
revision	3

sched_exp_time	10200
ontime	11222.399958193
ontime0	6409.5638308525
ontime1	6691.5304737389
ontime2	6266.9610700011
ontime3	6246.7031992078
ontime6	6950.2035059035
ontime7	11222.399958193
l1events	2066085

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	297690	309904	294783	294744	337019	531945
rejected events	47096	48357	46346	47224	51009	66845
rejected %	15%	15%	15%	16%	15%	12%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	141061	146352	142017	141444	158415	118891
	47%	47%	48%	47%	47%	22%
grade 1 events	743	728	829	756	762	329
	0%	0%	0%	0%	0%	0%
grade 2 events	43934	47355	42658	42743	50086	104031
	14%	15%	14%	14%	14%	19%
grade 3 events	16720	17070	16405	16158	17912	47792
	5%	5%	5%	5%	5%	8%
grade 4 events	16320	16890	16282	16592	18307	47424
	5%	5%	5%	5%	5%	8%
grade 5 events	2969	3040	2759	3016	3365	11298
	0%	0%	0%	1%	0%	2%
grade 6 events	36759	38441	35223	34224	45522	154363
	12%	12%	11%	11%	13%	29%
grade 7 events	39184	40028	38610	39811	42650	47817
	13%	12%	13%	13%	12%	8%

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	OVERRIDE	OVERRIDE
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
Pointing RA	330.707482472151	330.707482472151	Subarray requested	NONE	NONE
Pointing Dec	-16.70665797356581	-16.70665797356581	Alternating exposures requested	N	N
Pointing Roll	102.7974529323444	102.7974529323444	Primary exposure time	3.2	3.2
SIM focus pos (mm)	-1.0388663562	-1.0388663562			
SIM defocus (mm)	0.4944702069557434	0.4944702069557434			
SIM translation stage pos (mm)	250.4660330802	250.4660330802			
SIM translation stage offset (mm)	-0.01005726120527584	-0.01005726120527584			
Observation start time	169725141.245351	169725141.245351			
Observation start date	2003-05-19T10:20:00	2003-05-19T09:52:21			
Observation end time	169738077.069229	169738077.069229			
Observation end date	2003-05-19T13:10:00	2003-05-19T13:27:57			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Craig Anderson
V&V Date (YYYY-MM-DD)	2009.02.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.222399958193

A.2 Comments

This obsid was reprocessed to correct minor errors in parameters used in processing. Some of these parameters cannot be determined automatically for this observation and were derived from spacecraft telemetry.