

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 61478 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jan 23 2007

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Star Slots	6
2.4	FID Slots	6
A	Summary	7
A.1	Status	7
A.2	Comments	7

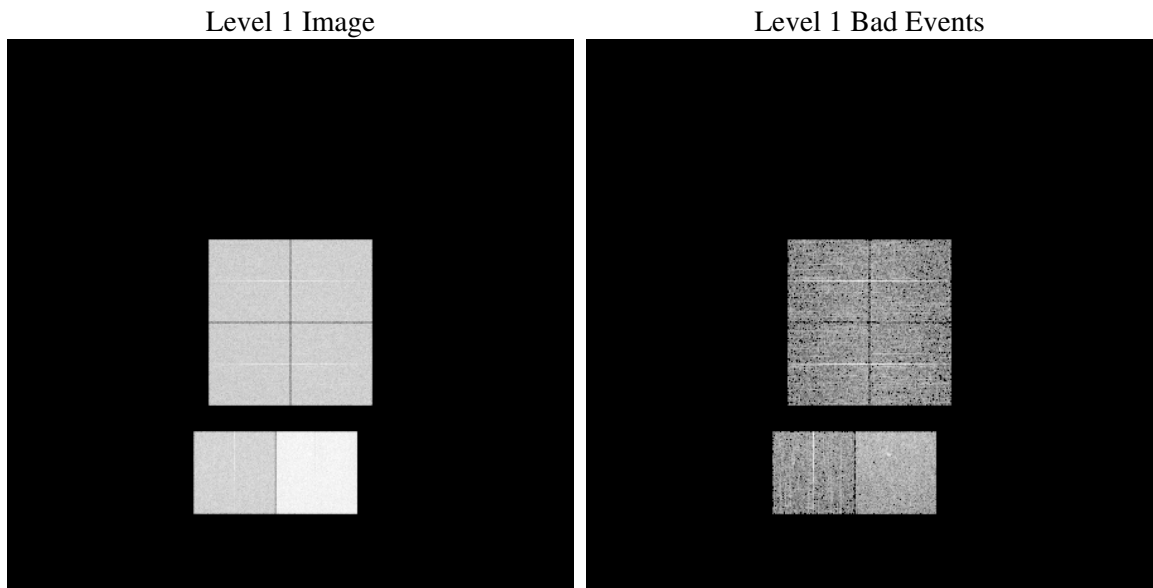
1 Front

seq_num	
obs_id	61478
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	305.03008737605
dec_nom	-35.014590642362
roll_nom	296.60565050118
revision	2
ontime	7087.1788871735
livetime	6997.4367607173
ontime0	2708.6545926034
ontime1	2822.1318927407
ontime2	2647.1573314667
ontime3	2731.2598921061
ontime6	2932.4089038819
ontime7	7087.1788871735
l2events	1226215

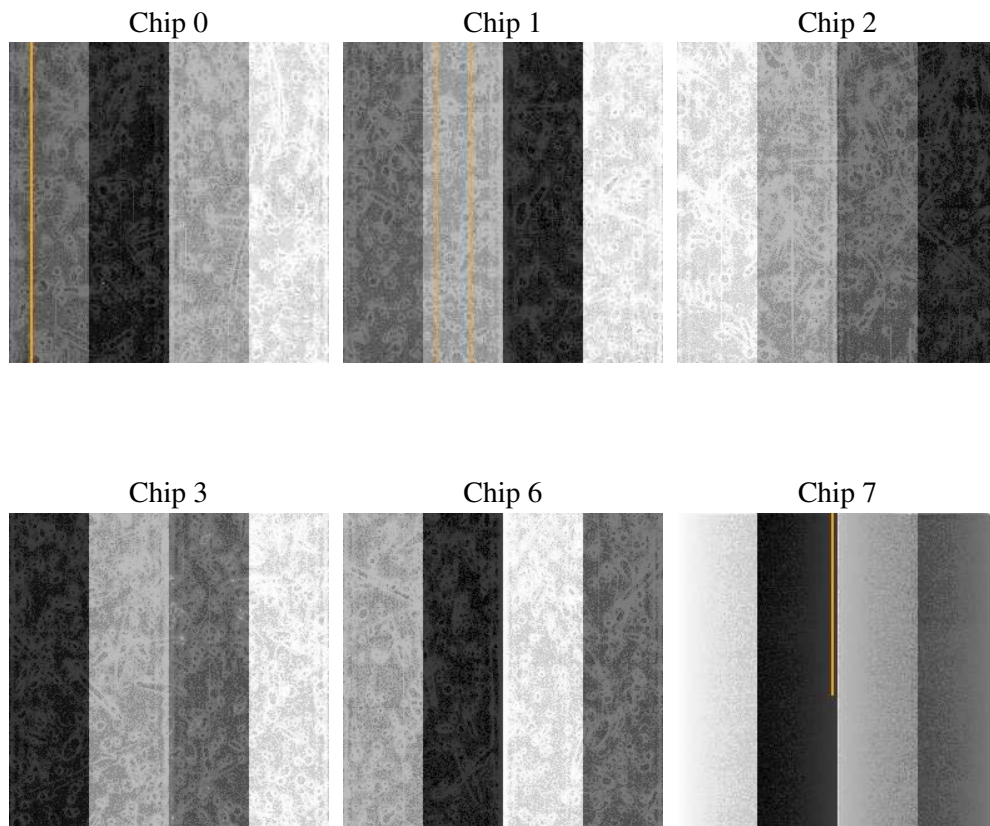
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.3.0
date	2007-01-23T13:22:10
revision	2

sched_exp_time	0.0
ontime	7087.1788871735
ontime0	2708.6545926034
ontime1	2822.1318927407
ontime2	2647.1573314667
ontime3	2731.2598921061
ontime6	2932.4089038819
ontime7	7087.1788871735
l1events	1423663

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	181858	188942	180564	187108	207186	478005
rejected events	21211	20871	21147	22052	23094	38015
rejected %	11%	11%	11%	11%	11%	7%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	88260	92659	88574	92614	100504	112035
	48%	49%	49%	49%	48%	23%
grade 1 events	434	514	488	509	535	320
	0%	0%	0%	0%	0%	0%
grade 2 events	28493	29754	28026	28534	31658	97698
	15%	15%	15%	15%	15%	20%
grade 3 events	10330	10744	10040	10572	11494	44816
	5%	5%	5%	5%	5%	9%
grade 4 events	10229	10465	10182	10475	11174	44227
	5%	5%	5%	5%	5%	9%
grade 5 events	1480	1501	1363	1420	1739	7827
	0%	0%	0%	0%	0%	1%
grade 6 events	23335	24449	22595	22861	29262	141214
	12%	12%	12%	12%	14%	29%
grade 7 events	19297	18856	19296	20123	20820	29868
	10%	9%	10%	10%	10%	6%

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	305.0300873760495	Alternating exposures requested	N	N
Pointing Dec	0	-35.01459064236174	Primary exposure time	3.2	3.2
Pointing Roll	0.0	296.6056505011805			
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	116508090.005465	116508089.23699			
Observation start date	2001-09-10T11:21:30	2001-09-10T11:21:29			
Observation end time	116540080.256729	116540079.48826			
Observation end date	2001-09-10T20:14:40	2001-09-10T20:14:39			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.08717888

A.2 Comments