

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 61851 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jun 16 2007

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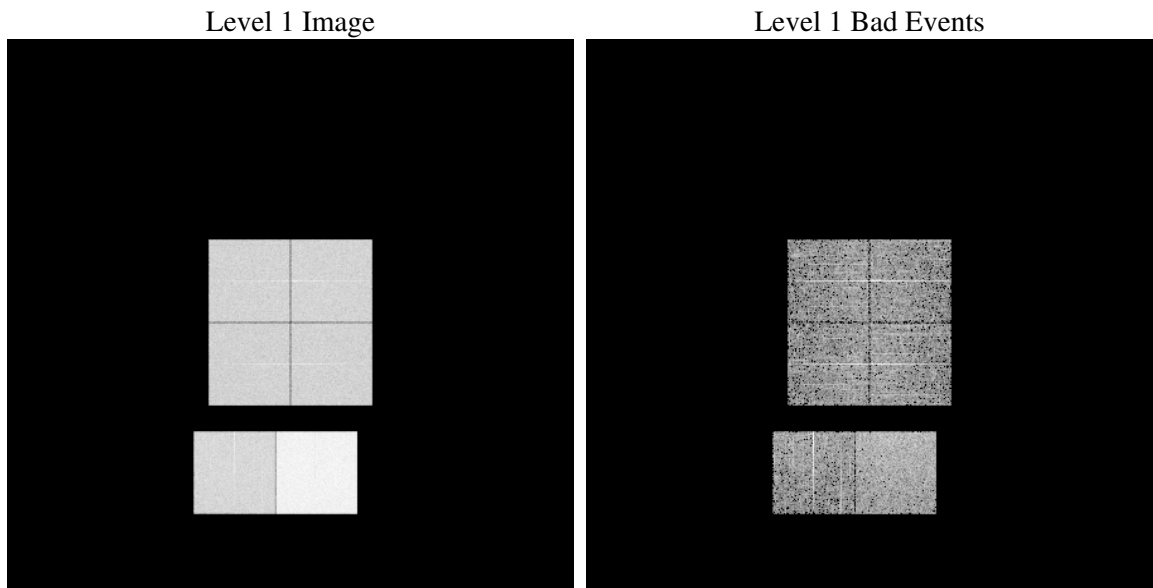
1 Front

seq_num	
obs_id	61851
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	333.02500676022
dec_nom	-22.016940873677
roll_nom	291.34929444248
revision	2
ontime	5501.6237678975
livetime	5431.9588950682
ontime0	2412.9963036031
ontime1	2442.2063447237
ontime2	2299.6418243051
ontime3	2325.4059343487
ontime6	2588.1350147575
ontime7	5501.6237678975
l2events	1259959

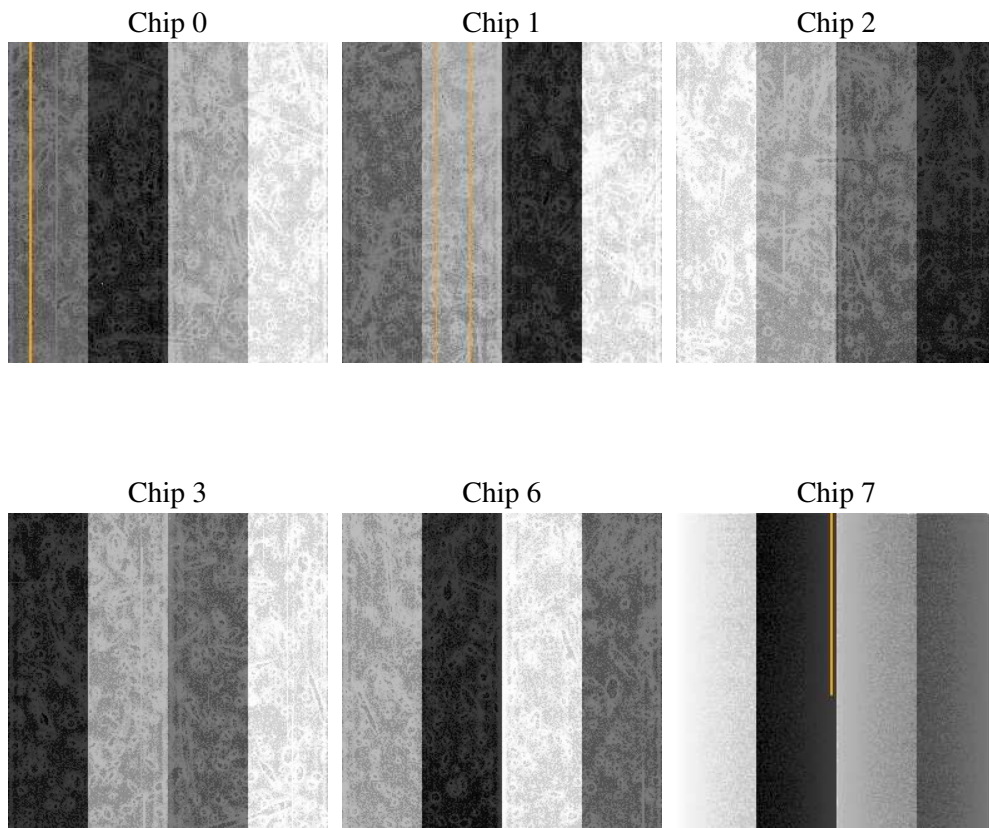
2 OBI

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	2007-06-17T00:36:11
revision	2

sched_exp_time	0.0
ontime	5501.6237678975
ontime0	2412.9963036031
ontime1	2442.2063447237
ontime2	2299.6418243051
ontime3	2325.4059343487
ontime6	2588.1350147575
ontime7	5501.6237678975
l1events	1429818

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	193614	197456	188008	190832	218832	441076
rejected events	17308	17691	17567	18691	19070	26791
rejected %	8%	8%	9%	9%	8%	6%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	97819	99659	95042	96662	109383	106328
	50%	50%	50%	50%	49%	24%
grade 1 events	553	497	461	489	519	291
	0%	0%	0%	0%	0%	0%
grade 2 events	30831	31440	29844	30266	34309	91698
	15%	15%	15%	15%	15%	20%
grade 3 events	11248	11325	10854	10773	12389	42263
	5%	5%	5%	5%	5%	9%
grade 4 events	11042	11365	10684	10804	12315	42031
	5%	5%	5%	5%	5%	9%
grade 5 events	1325	1407	1278	1342	1536	6005
	0%	0%	0%	0%	0%	1%
grade 6 events	25366	25976	24017	23898	31366	131965
	13%	13%	12%	12%	14%	29%
grade 7 events	15430	15787	15828	16598	17015	20495
	7%	7%	8%	8%	7%	4%

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	333.0250067602184	Alternating exposures requested	N	N
Pointing Dec	0	-22.01694087367692	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	291.3492944424826			
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	90915786.513	90915785.74433			
Observation start date	2000-11-18T06:23:07	2000-11-18T06:23:05			
Observation end time	90948141.664	90948140.895566			
Observation end date	2000-11-18T15:22:22	2000-11-18T15:22:20			
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)	2007.06.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.50162376

A.2 Comments