

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61691 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 14 2012

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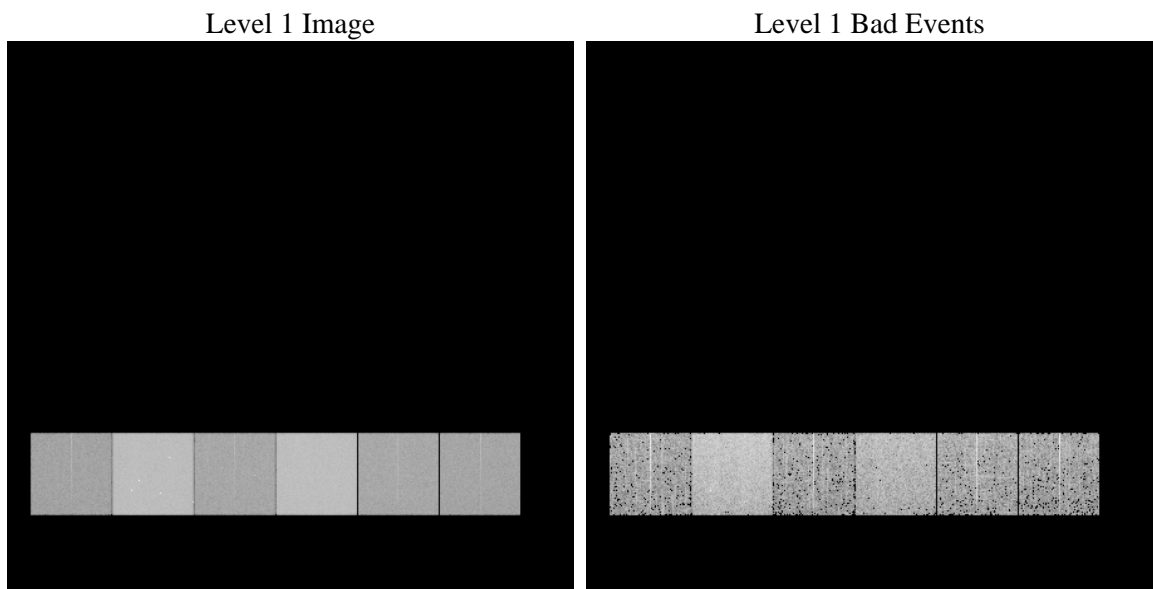
1 Front

seq_num	 	Sequence number
obs_id	61691	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	85.015941338679	Nominal RA [deg]
dec_nom	-33.025470994078	Nominal Dec [deg]
roll_nom	265.26518237408	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5570.1080414057	Sum of GTIs [s]
livetime	5499.575979469	Livetime [s]
ontime4	2171.494730562	Sum of GTIs [s]
ontime5	5953.7394966036	Sum of GTIs [s]
ontime6	2382.1621804386	Sum of GTIs [s]
ontime7	5570.1080414057	Sum of GTIs [s]
ontime8	2430.7778700441	Sum of GTIs [s]
ontime9	2290.2139211893	Sum of GTIs [s]
l2events	1323874	Number of level 2 events

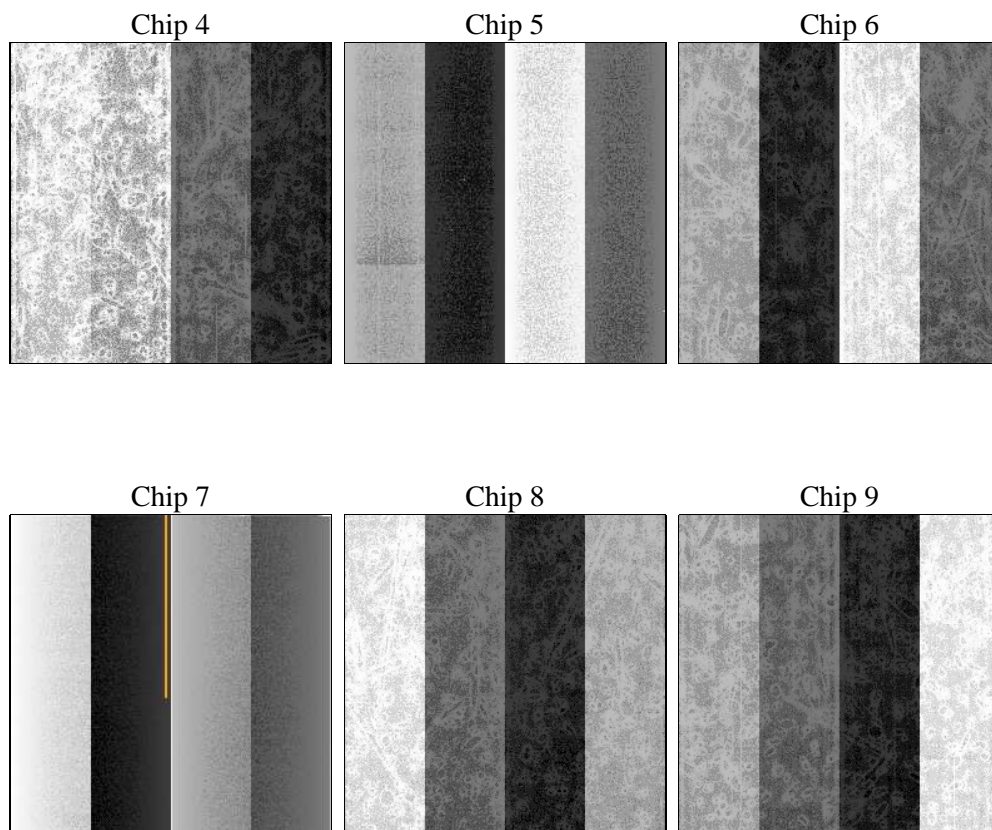
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5570.1080414057	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	2171.494730562	Sum of GTIs [s]
date	2012-09-14T13:15:27	Date and time of file creation	ontime5	5953.7394966036	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2382.1621804386	Sum of GTIs [s]
			ontime7	5570.1080414057	Sum of GTIs [s]
			ontime8	2430.7778700441	Sum of GTIs [s]
			ontime9	2290.2139211893	Sum of GTIs [s]
			l1events	1536027	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	160646	404720	187051	417250	193266	173094	grade 0 events	79973	90200	91619	99015	94861	84576
rejected events	19360	44016	19083	30495	21690	18820		49%	22%	48%	23%	49%	48%
rejected %	12%	10%	10%	7%	11%	10%	grade 1 events	463	299	492	282	472	445
								0%	0%	0%	0%	0%	0%
							grade 2 events	24833	126407	29103	85678	30275	27117
								15%	31%	15%	20%	15%	15%
							grade 3 events	8588	23857	10456	39316	10733	9613
								5%	5%	5%	9%	5%	5%
							grade 4 events	8819	23460	10476	39452	10592	9527
								5%	5%	5%	9%	5%	5%
							grade 5 events	1268	8657	1491	6459	1586	1453
								0%	2%	0%	1%	0%	0%
							grade 6 events	19073	96780	26314	123294	25115	23441
								11%	23%	14%	29%	12%	13%
							grade 7 events	17629	35060	17100	23754	19632	16922
								10%	8%	9%	5%	10%	9%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	85.01594133867881
[deg] Pointing Dec	0	-33.02547099407785
[deg] Pointing Roll	0.0	265.2651823740771
[mm] SIM focus pos	-0.684267	-1.428180813131781
[mm] SIM defocus	0	0.1051558262725154
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	101699414.227108	101699413.45865
Observation start date	2001-03-23T01:50:14	2001-03-23T01:50:13
[s] Observation end time (MET)	101709924.577515	101709923.80905
Observation end date	2001-03-23T04:45:25	2001-03-23T04:45:23
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.5701080414057

A.2 Comments