

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60733 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 28 2012

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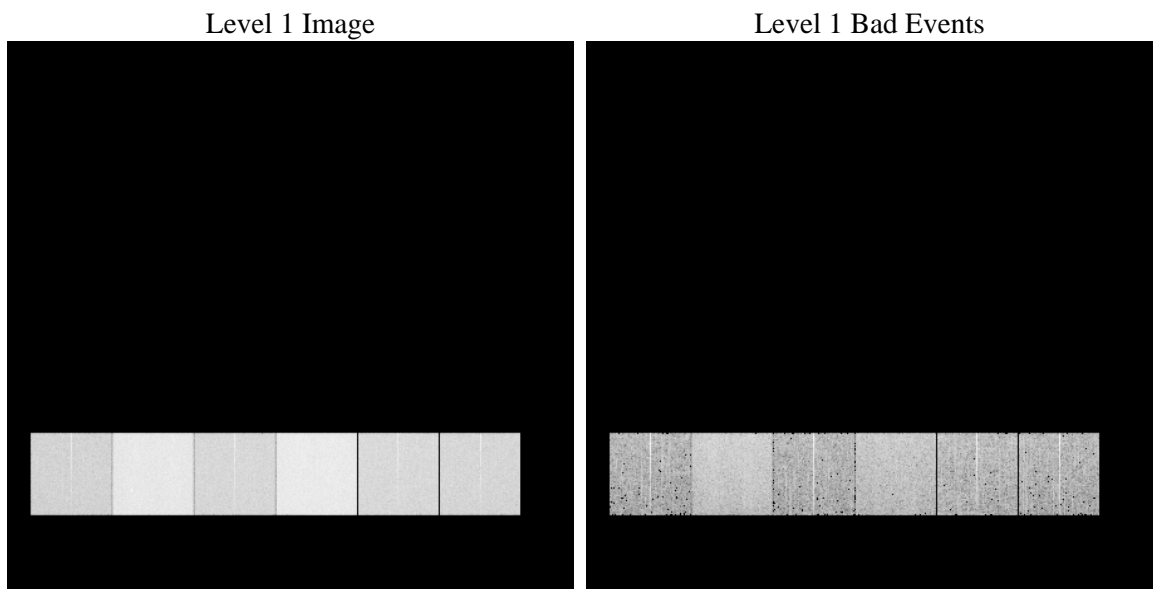
1 Front

seq_num	 	Sequence number
obs_id	60733	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	155.51164253705	Nominal RA [deg]
dec_nom	-31.726841551484	Nominal Dec [deg]
roll_nom	257.34275392005	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8425.5999686122	Sum of GTIs [s]
livetime	8318.9099485224	Livetime [s]
ontime4	3856.4007223248	Sum of GTIs [s]
ontime5	8425.5999686122	Sum of GTIs [s]
ontime6	4300.3778681457	Sum of GTIs [s]
ontime7	8425.5999686122	Sum of GTIs [s]
ontime8	4339.351490438	Sum of GTIs [s]
ontime9	4144.6869191527	Sum of GTIs [s]
l2events	1252187	Number of level 2 events

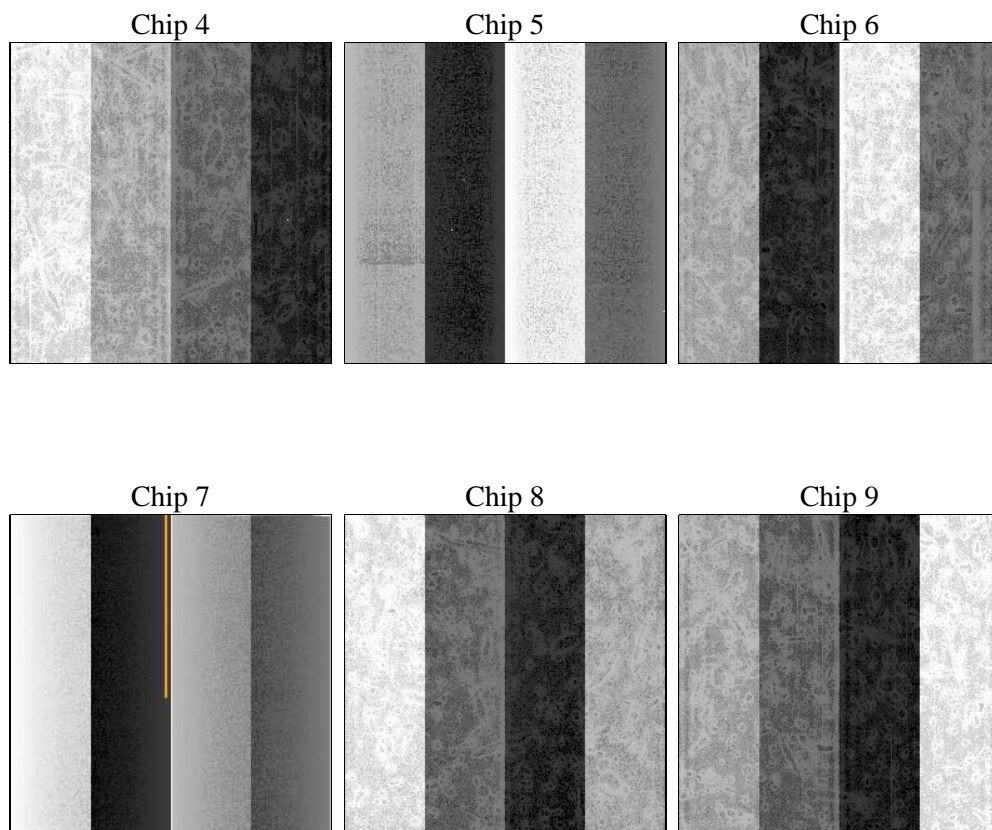
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8425.5999686122	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	3856.4007223248	Sum of GTIs [s]
date	2012-10-28T12:30:41	Date and time of file creation	ontime5	8425.5999686122	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	4300.3778681457	Sum of GTIs [s]
			ontime7	8425.5999686122	Sum of GTIs [s]
			ontime8	4339.351490438	Sum of GTIs [s]
			ontime9	4144.6869191527	Sum of GTIs [s]
			l1events	1538598	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	173668	360210	204837	393563	213232	193088	grade 0 events	85145	63978	96237	85816	99282	90805
rejected events	28932	57945	29827	45830	34307	30596		49%	17%	46%	21%	46%	47%
rejected %	16%	16%	14%	11%	16%	15%	grade 1 events	582	241	446	248	548	482
								0%	0%	0%	0%	0%	0%
							grade 2 events	22084	115821	30261	77213	30779	27690
								12%	32%	14%	19%	14%	14%
							grade 3 events	9785	17161	10696	35240	11547	10317
								5%	4%	5%	8%	5%	5%
							grade 4 events	9592	17052	10844	34631	11435	10271
								5%	4%	5%	8%	5%	5%
							grade 5 events	1846	9342	2145	8382	2384	2132
								1%	2%	1%	2%	1%	1%
							grade 6 events	18491	89570	27507	116345	26543	24181
								10%	24%	13%	29%	12%	12%
							grade 7 events	26143	47045	26701	35688	30714	27210
								15%	13%	13%	9%	14%	14%

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	155.5116425370476
[deg] Pointing Dec	0	-31.72684155148424
[deg] Pointing Roll	0.0	257.3427539200541
[mm] SIM focus pos	-0.684267	-1.038866356238299
[mm] SIM defocus	0	0.4944702831659975
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	169773560.197402	169773559.1727
Observation start date	2003-05-19T23:19:20	2003-05-19T23:19:19
[s] Observation end time (MET)	169796917.898392	169796916.87369
Observation end date	2003-05-20T05:48:38	2003-05-20T05:48:36
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	0.000000	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4255999686122

A.2 Comments