

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61170 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 9 2012

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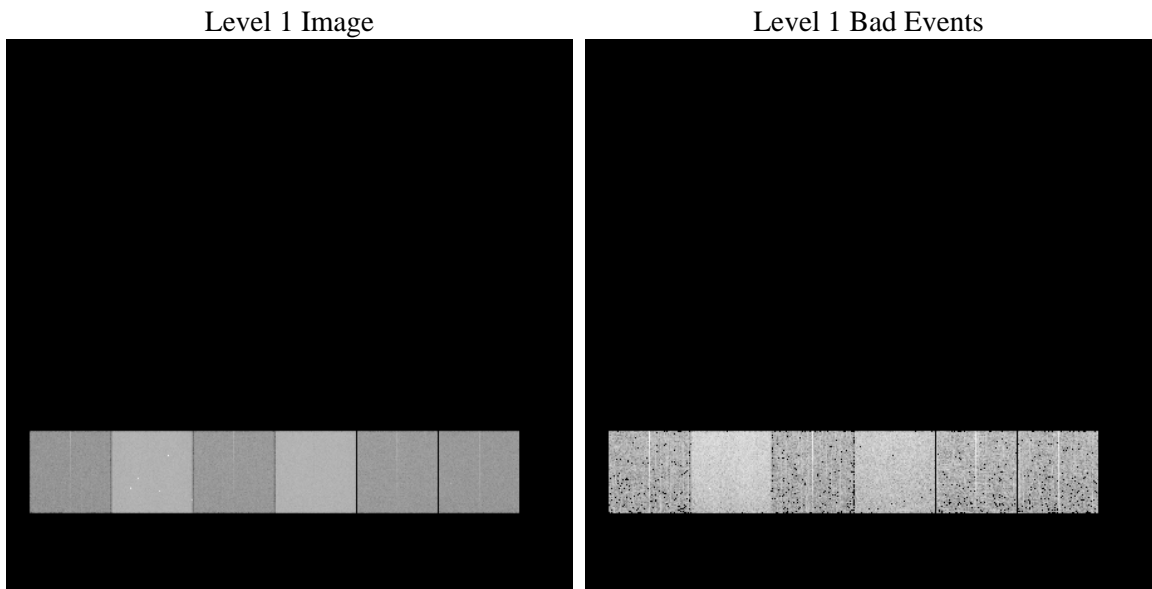
1 Front

seq_num	 	Sequence number
obs_id	61170	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	180.00527983218	Nominal RA [deg]
dec_nom	-5.7281217611538	Nominal Dec [deg]
roll_nom	247.77821494552	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7070.9589807093	Sum of GTIs [s]
livetime	6981.4222404752	Livetime [s]
ontime4	2539.9364168644	Sum of GTIs [s]
ontime5	7592.7125056386	Sum of GTIs [s]
ontime6	2761.3625055552	Sum of GTIs [s]
ontime7	7070.9589807093	Sum of GTIs [s]
ontime8	2858.5938245952	Sum of GTIs [s]
ontime9	2731.3215377331	Sum of GTIs [s]
l2events	1216011	Number of level 2 events

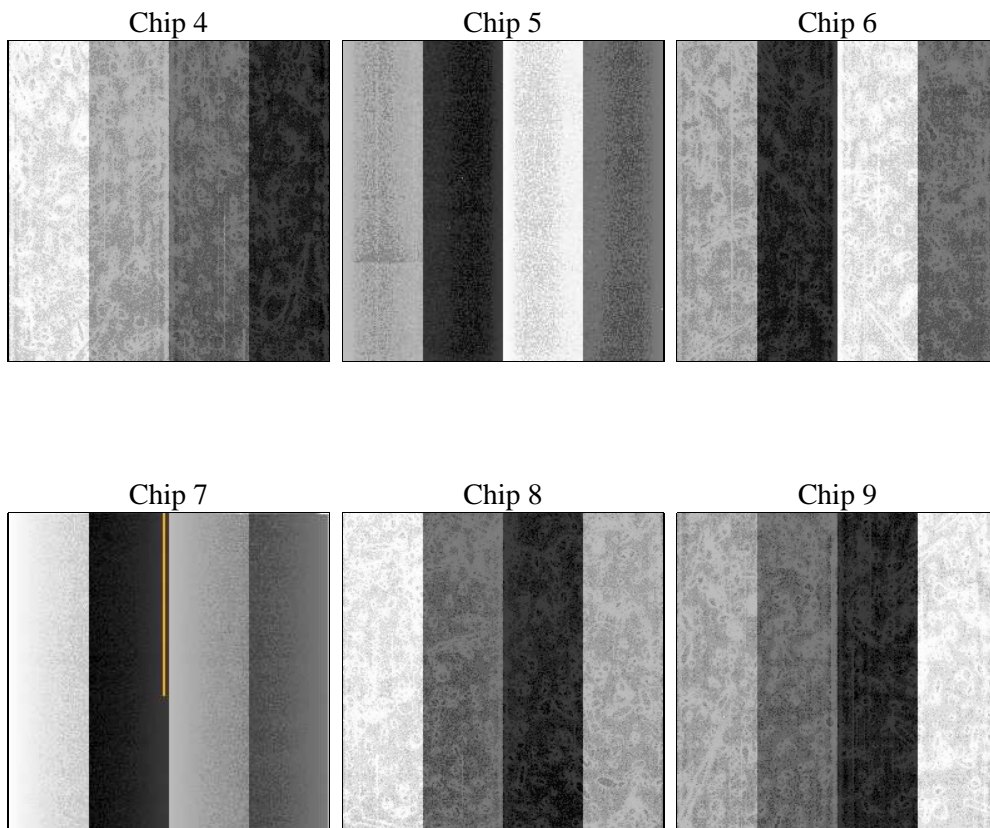
2 OBI

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	7070.9589807093	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	2539.9364168644	Sum of GTIs [s]
date	2012-10-09T05:20:52	Date and time of file creation	ontime5	7592.7125056386	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2761.3625055552	Sum of GTIs [s]
			ontime7	7070.9589807093	Sum of GTIs [s]
			ontime8	2858.5938245952	Sum of GTIs [s]
			ontime9	2731.3215377331	Sum of GTIs [s]
			l1events	1445808	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	143031	399932	164492	407178	172834	158341	grade 0 events	69121	85160	78487	94273	81896	75136
rejected events	20628	52346	20521	37754	23143	20928		48%	21%	47%	23%	47%	47%
rejected %	14%	13%	12%	9%	13%	13%	grade 1 events	366	314	393	248	413	369
								0%	0%	0%	0%	0%	0%
							grade 2 events	21669	122993	25151	82088	26370	24178
								15%	30%	15%	20%	15%	15%
							grade 3 events	7495	22093	8773	37752	9655	8344
								5%	5%	5%	9%	5%	5%
							grade 4 events	7473	21786	8922	37220	9502	8489
								5%	5%	5%	9%	5%	5%
							grade 5 events	1256	9411	1435	7540	1702	1509
								0%	2%	0%	1%	0%	0%
							grade 6 events	16645	95554	22638	118091	22268	21266
								11%	23%	13%	29%	12%	13%
							grade 7 events	19006	42621	18693	29966	21028	19050
								13%	10%	11%	7%	12%	12%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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
[deg] Pointing RA	0	180.005279832183	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-5.72812176115384	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	247.7782149455155			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	140043751.708951	140043750.68424			
Observation start date	2002-06-09T21:02:32	2002-06-09T21:02:30			
[s] Observation end time (MET)	140075719.410259	140075718.38555			
Observation end date	2002-06-10T05:55:19	2002-06-10T05:55:18			
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)	2012.10.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.0709589807093

A.2 Comments