

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62188 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 21 2012

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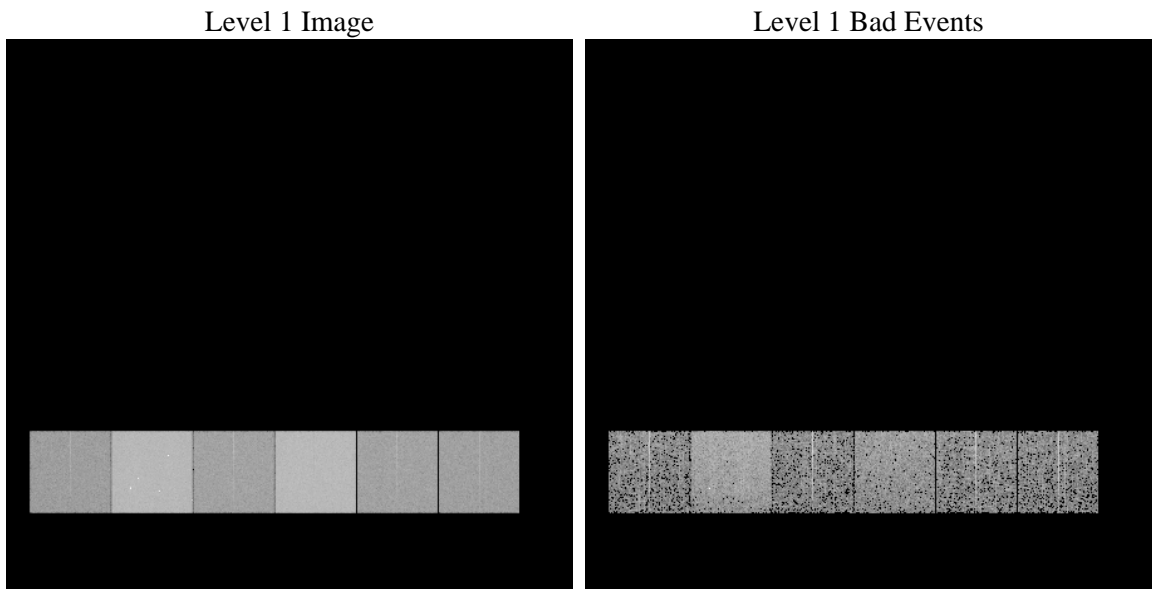
1 Front

seq_num	 	Sequence number
obs_id	62188	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	180.01980642014	Nominal RA [deg]
dec_nom	-64.971358884878	Nominal Dec [deg]
roll_nom	41.031766325819	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2891.6226411015	Sum of GTIs [s]
livetime	2855.0071740937	Livetime [s]
ontime4	1123.2358128279	Sum of GTIs [s]
ontime5	3092.5636605844	Sum of GTIs [s]
ontime6	1258.1452204064	Sum of GTIs [s]
ontime7	2891.6226411015	Sum of GTIs [s]
ontime8	1226.9900532514	Sum of GTIs [s]
ontime9	1193.3244402111	Sum of GTIs [s]
l2events	919990	Number of level 2 events

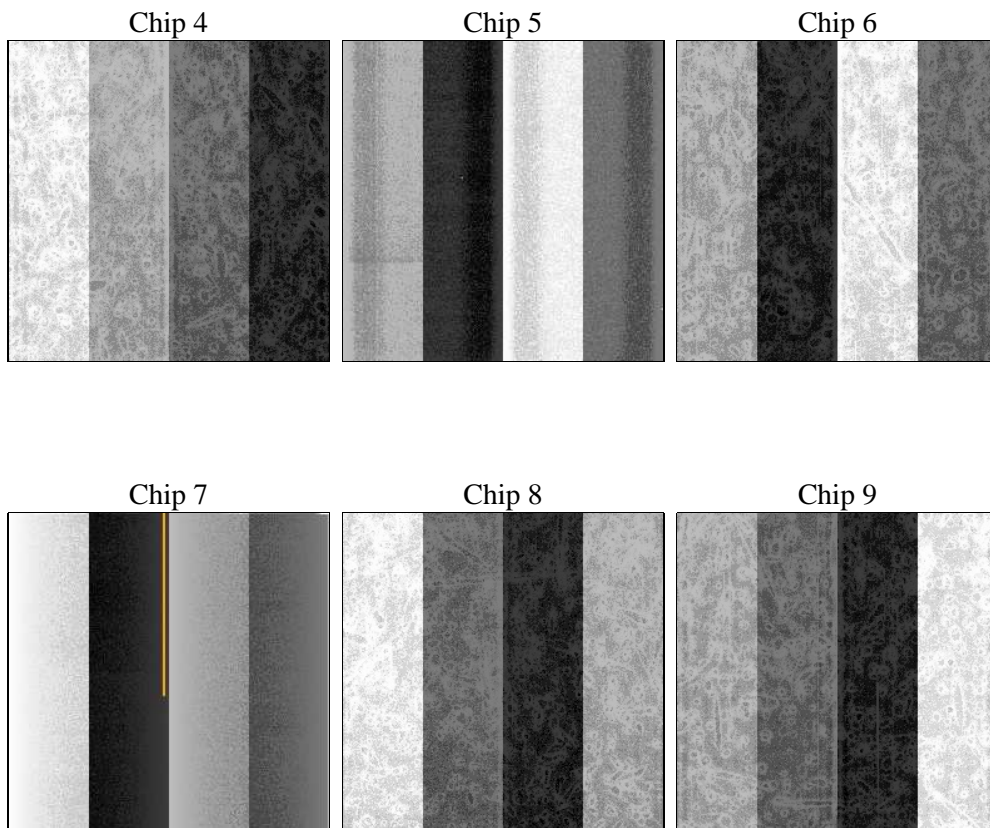
2 OBI

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	2891.6226411015	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	1123.2358128279	Sum of GTIs [s]
date	2012-08-22T02:23:35	Date and time of file creation	ontime5	3092.5636605844	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	1258.1452204064	Sum of GTIs [s]
			ontime7	2891.6226411015	Sum of GTIs [s]
			ontime8	1226.9900532514	Sum of GTIs [s]
			ontime9	1193.3244402111	Sum of GTIs [s]
			l1events	1059561	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	110067	280040	131555	288345	129625	119929	grade 0 events	54886	66103	64732	69388	63264	58367
rejected events	13159	26808	13176	18056	14542	13199		49%	23%	49%	24%	48%	48%
rejected %	11%	9%	10%	6%	11%	11%	grade 1 events	384	377	384	186	395	371
								0%	0%	0%	0%	0%	0%
							grade 2 events	17059	87250	20562	60066	20122	18822
								15%	31%	15%	20%	15%	15%
							grade 3 events	5861	17148	7143	27875	7229	6666
								5%	6%	5%	9%	5%	5%
							grade 4 events	5944	17016	7322	27591	7307	6733
								5%	6%	5%	9%	5%	5%
							grade 5 events	897	5512	1059	4084	1057	991
								0%	1%	0%	1%	0%	0%
							grade 6 events	13158	65715	18620	85369	17161	16142
								11%	23%	14%	29%	13%	13%
							grade 7 events	11878	20919	11733	13786	13090	11837
								10%	7%	8%	4%	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	180.0198064201366
[deg] Pointing Dec	0	-64.9713588848775
[deg] Pointing Roll	0.0	41.03176632581931
[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)	66014591.33583	66014590.567296
Observation start date	2000-02-04T01:23:11	2000-02-04T01:23:10
[s] Observation end time (MET)	66056731.137365	66056730.368831
Observation end date	2000-02-04T13:05:31	2000-02-04T13:05:30
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.8916226411015

A.2 Comments