

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58166 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 2 2012

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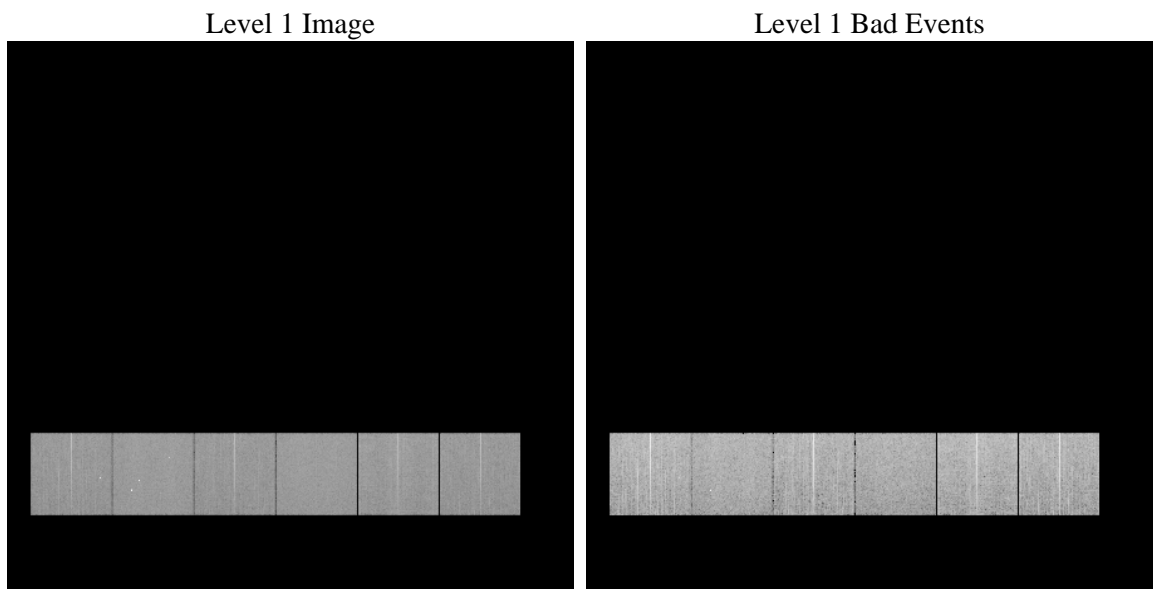
1 Front

seq_num	 	Sequence number
obs_id	58166	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	32.01674957043	Nominal RA [deg]
dec_nom	-18.97604843388	Nominal Dec [deg]
roll_nom	23.608108680806	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7791.9999710321	Sum of GTIs [s]
livetime	7693.3329756198	Livetime [s]
ontime4	7791.9999710321	Sum of GTIs [s]
ontime5	7791.9999710321	Sum of GTIs [s]
ontime6	7791.9999710321	Sum of GTIs [s]
ontime7	7791.9999710321	Sum of GTIs [s]
ontime8	7791.9999710321	Sum of GTIs [s]
ontime9	7790.3099142909	Sum of GTIs [s]
l2events	664017	Number of level 2 events

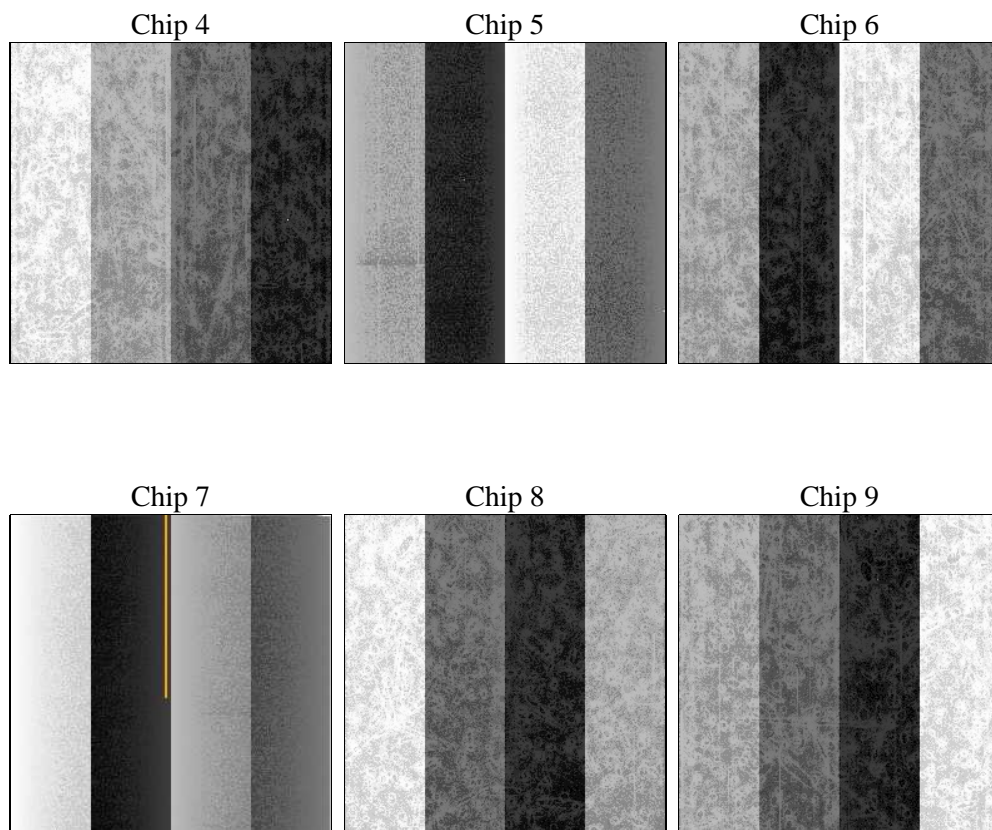
2 OBI

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	8.4.4	Processing system revision	ontime	7791.9999710321	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7791.9999710321	Sum of GTIs [s]
date	2012-05-02T22:48:00	Date and time of file creation	ontime5	7791.9999710321	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7791.9999710321	Sum of GTIs [s]
			ontime7	7791.9999710321	Sum of GTIs [s]
			ontime8	7791.9999710321	Sum of GTIs [s]
			ontime9	7790.3099142909	Sum of GTIs [s]
			l1events	1156301	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	184607	202989	183576	202212	201859	181058	grade 0 events	59819	23649	58676	29162	62702	57694
rejected events	81125	67525	73310	62464	79816	74744		32%	11%	31%	14%	31%	31%
rejected %	43%	33%	39%	30%	39%	41%	grade 1 events	568	446	353	175	426	433
								0%	0%	0%	0%	0%	0%
							grade 2 events	16234	48859	19392	30565	22436	18297
								8%	24%	10%	15%	11%	10%
							grade 3 events	7092	6586	7109	13301	8528	7018
								3%	3%	3%	6%	4%	3%
							grade 4 events	6946	6515	7028	13390	8434	6882
								3%	3%	3%	6%	4%	3%
							grade 5 events	3946	9329	4119	10332	5324	4645
								2%	4%	2%	5%	2%	2%
							grade 6 events	13430	49908	18099	53330	19983	16423
								7%	24%	9%	26%	9%	9%
							grade 7 events	76572	57697	68800	51957	74026	69666
								41%	28%	37%	25%	36%	38%

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	32.01674957043014	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-18.97604843387995	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	23.60810868080647			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	308874239.893705	308874238.86873			
Observation start date	2007-10-15T22:24:00	2007-10-15T22:23:58			
[s] Observation end time (MET)	308891943.694558	308891942.66958			
Observation end date	2007-10-16T03:19:04	2007-10-16T03:19:02			
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)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7919999710321

A.2 Comments