

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59002 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 30 2012

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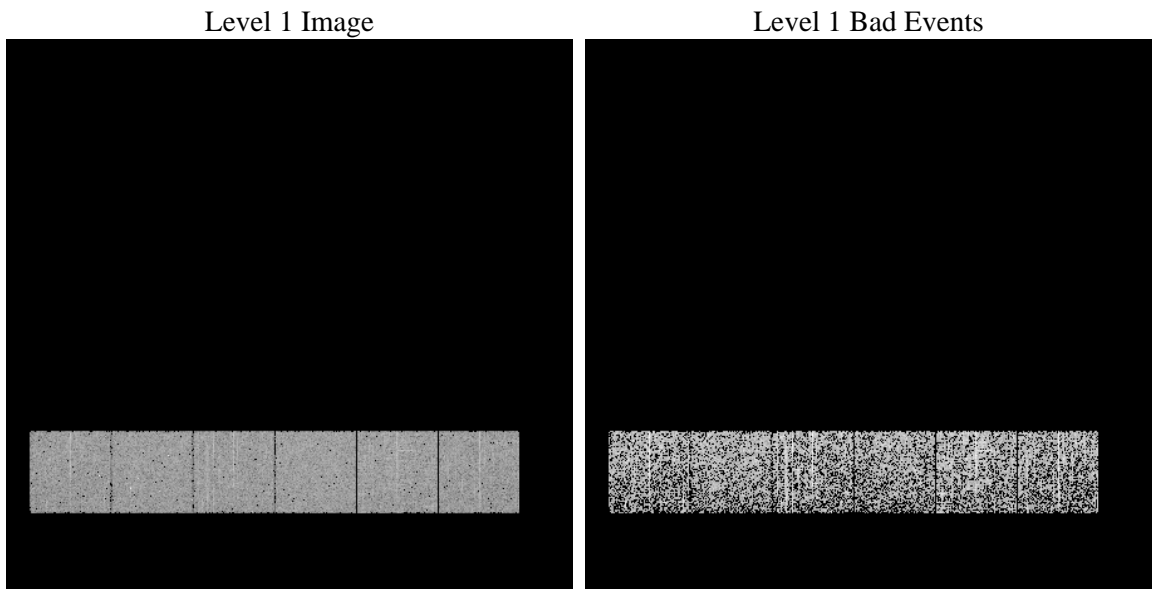
1 Front

seq_num	 	Sequence number
obs_id	59002	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	195.99019424462	Nominal RA [deg]
dec_nom	7.9730673731341	Nominal Dec [deg]
roll_nom	217.30389389819	Nominal Roll [deg]
revision	2	Processing version of data
ontime	793.59999704361	Sum of GTIs [s]
livetime	783.55095603249	Livetime [s]
ontime4	793.59999704361	Sum of GTIs [s]
ontime5	793.59999704361	Sum of GTIs [s]
ontime6	793.59999704361	Sum of GTIs [s]
ontime7	793.59999704361	Sum of GTIs [s]
ontime8	793.59999704361	Sum of GTIs [s]
ontime9	793.56412133574	Sum of GTIs [s]
l2events	98675	Number of level 2 events

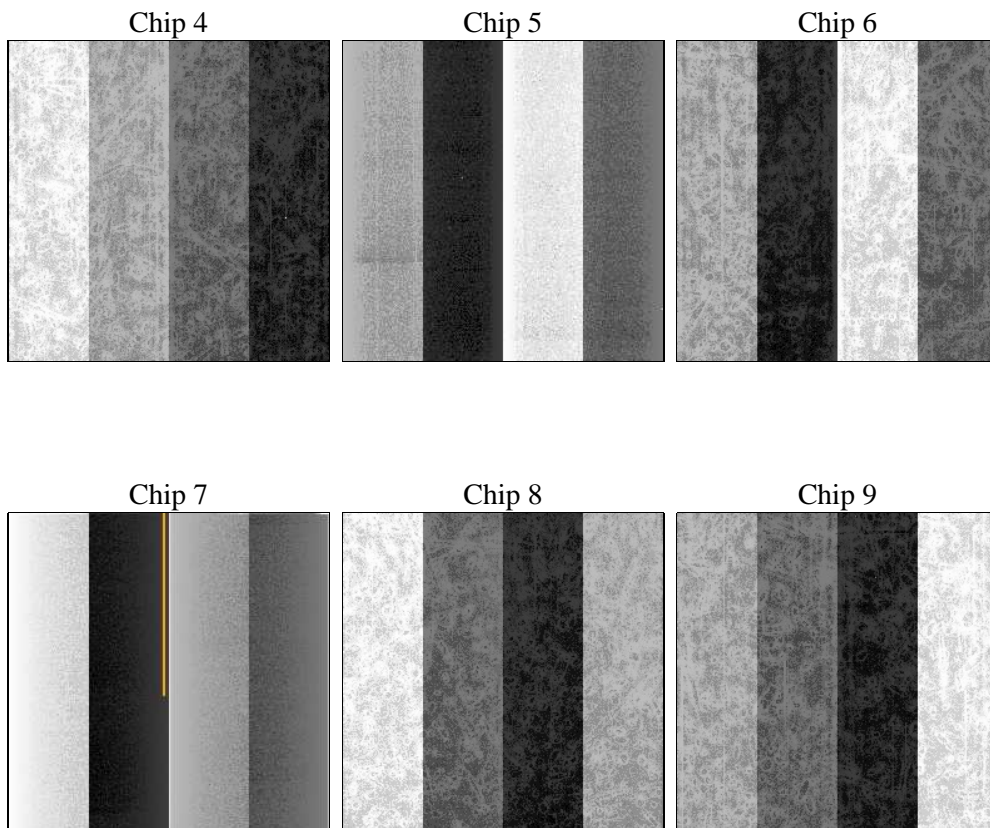
2 OBI

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	8.4.3	Processing system revision	ontime	793.59999704361	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	793.59999704361	Sum of GTIs [s]
date	2012-03-30T19:35:12	Date and time of file creation	ontime5	793.59999704361	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	793.59999704361	Sum of GTIs [s]
			ontime7	793.59999704361	Sum of GTIs [s]
			ontime8	793.59999704361	Sum of GTIs [s]
			ontime9	793.56412133574	Sum of GTIs [s]
			l1events	147872	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	23271	24442	24876	25504	26190	23589
rejected events	6965	6498	7451	6129	7987	7122
rejected %	29%	26%	29%	24%	30%	30%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	9263	3677	9164	4399	9667	8919
	39%	15%	36%	17%	36%	37%
grade 1 events	96	39	57	20	58	67
	0%	0%	0%	0%	0%	0%
grade 2 events	2541	6332	3010	4144	3212	2824
	10%	25%	12%	16%	12%	11%
grade 3 events	1110	1011	1152	1876	1233	1068
	4%	4%	4%	7%	4%	4%
grade 4 events	1159	988	1074	1906	1132	1054
	4%	4%	4%	7%	4%	4%
grade 5 events	425	988	419	947	531	479
	1%	4%	1%	3%	2%	2%
grade 6 events	2233	5936	3025	7050	2959	2602
	9%	24%	12%	27%	11%	11%
grade 7 events	6444	5471	6975	5162	7398	6576
	27%	22%	28%	20%	28%	27%

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	195.9901942446206
[deg] Pointing Dec	0	7.97306737313415
[deg] Pointing Roll	0.0	217.3038938981918
[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)	262271023.934339	262271022.90935
Observation start date	2006-04-24T13:03:44	2006-04-24T13:03:42
[s] Observation end time (MET)	262283303.434912	262283302.40992
Observation end date	2006-04-24T16:28:23	2006-04-24T16:28:22
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)	2012.04.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.79359999704361

A.2 Comments