

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55399 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 10 2012

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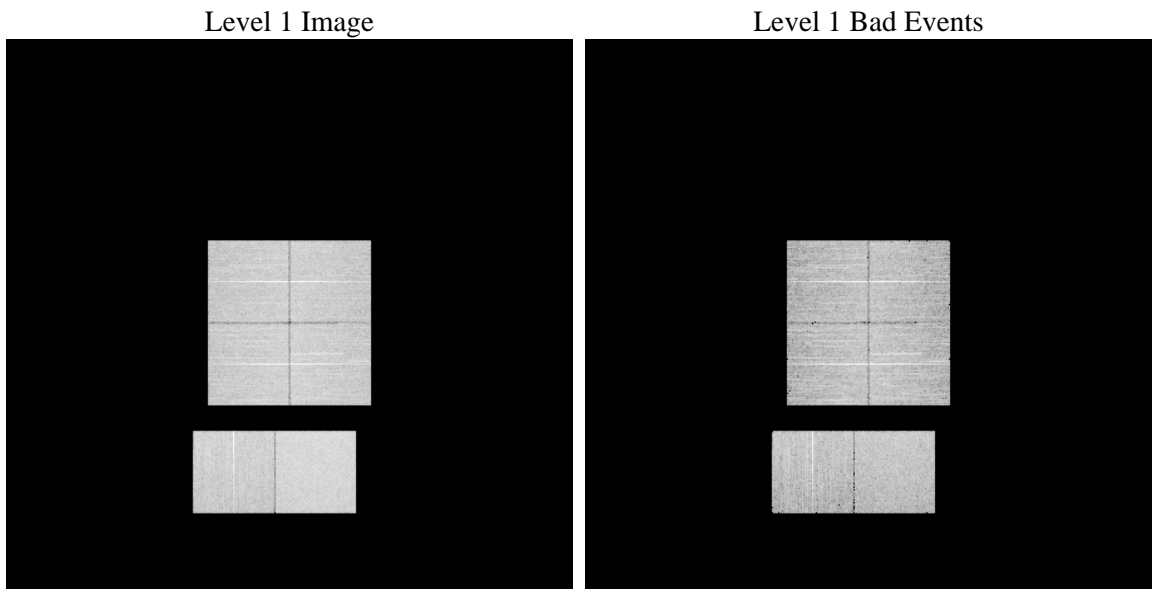
1 Front

seq_num	 	Sequence number
obs_id	55399	Observation id
title	ACIS-012367 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	305.94422445425	Nominal RA [deg]
dec_nom	-40.842403420708	Nominal Dec [deg]
roll_nom	79.553149541661	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8025.5999701619	Sum of GTIs [s]
livetime	7923.9749909036	Livetime [s]
ontime0	8025.5999701619	Sum of GTIs [s]
ontime1	8022.3589998484	Sum of GTIs [s]
ontime2	8025.5999701619	Sum of GTIs [s]
ontime3	8025.5999701619	Sum of GTIs [s]
ontime6	8025.5999701619	Sum of GTIs [s]
ontime7	8025.5999701619	Sum of GTIs [s]
l2events	301062	Number of level 2 events

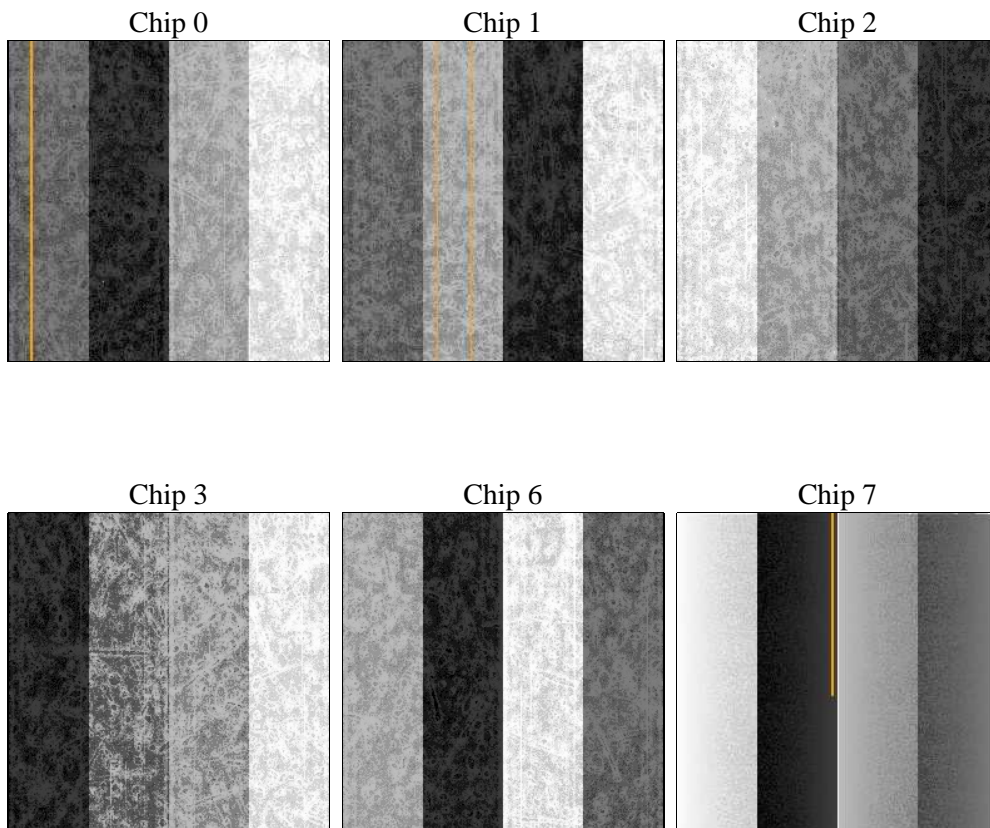
2 OBI

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	8025.5999701619	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	8025.5999701619	Sum of GTIs [s]
date	2012-02-11T03:58:19	Date and time of file creation	ontime1	8022.3589998484	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8025.5999701619	Sum of GTIs [s]
			ontime3	8025.5999701619	Sum of GTIs [s]
			ontime6	8025.5999701619	Sum of GTIs [s]
			ontime7	8025.5999701619	Sum of GTIs [s]
			l1events	679395	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	103319	103327	109352	111151	111564	140682	grade 0 events	25591	24326	27069	26574	25162	12720
rejected events	55701	55246	61116	63274	61982	63620		24%	23%	24%	23%	22%	9%
rejected %	53%	53%	55%	56%	55%	45%	grade 1 events	162	125	159	158	106	137
								0%	0%	0%	0%	0%	0%
							grade 2 events	9261	10607	8567	8529	10651	17928
								8%	10%	7%	7%	9%	12%
							grade 3 events	3319	3146	3458	3413	3116	6604
								3%	3%	3%	3%	2%	4%
							grade 4 events	3225	3150	3379	3387	3187	6532
								3%	3%	3%	3%	2%	4%
							grade 5 events	3317	3399	3295	3698	3375	9001
								3%	3%	3%	3%	3%	6%
							grade 6 events	7803	8383	7331	7496	9092	35836
								7%	8%	6%	6%	8%	25%
							grade 7 events	50641	50191	56094	57896	56875	51924
								49%	48%	51%	52%	50%	36%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	305.9442244542465
[deg] Pointing Dec	0	-40.84240342070795
[deg] Pointing Roll	0.0	79.55314954166147
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	422925043.667986	422925043.667986
Observation start date	2011-05-27T23:10:44	2011-05-27T23:10:43
[s] Observation end time (MET)	422933958.659319	422933958.659319
Observation end date	2011-05-28T01:39:19	2011-05-28T01:39:18
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0255999701619

A.2 Comments