

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59651 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 23 2012

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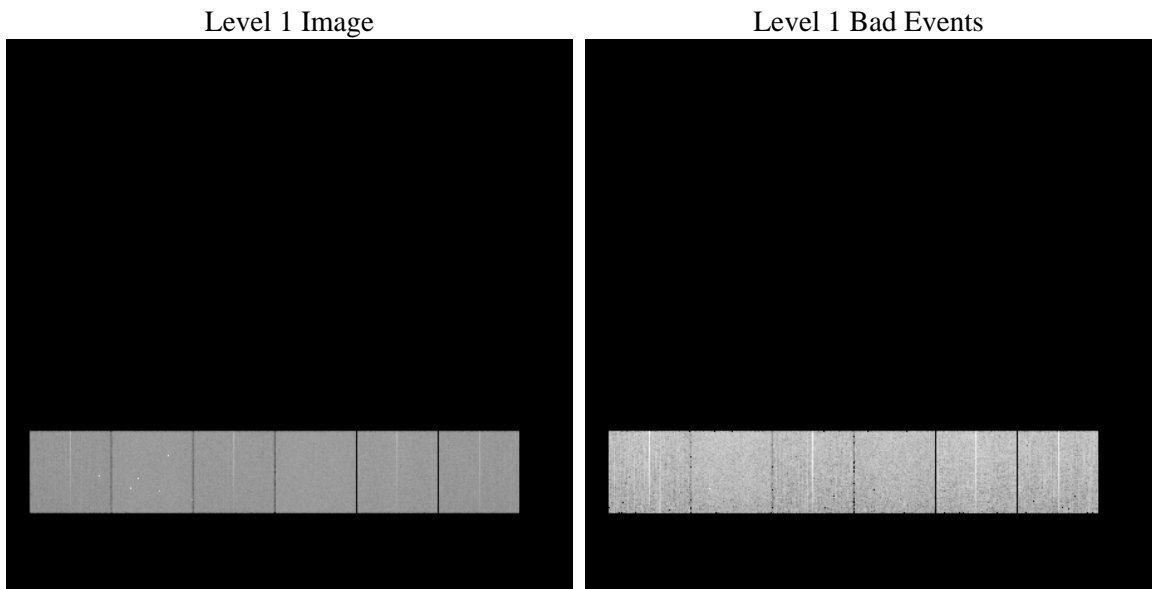
1 Front

seq_num	 	Sequence number
obs_id	59651	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	268.98289571381	Nominal RA [deg]
dec_nom	-22.97609641733	Nominal Dec [deg]
roll_nom	90.476929646726	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8280.7280767262	Sum of GTIs [s]
livetime	8175.8725117629	Livetime [s]
ontime4	7078.3720174134	Sum of GTIs [s]
ontime5	8280.6870367229	Sum of GTIs [s]
ontime6	7622.7276364565	Sum of GTIs [s]
ontime7	8280.7280767262	Sum of GTIs [s]
ontime8	7888.4057007432	Sum of GTIs [s]
ontime9	7499.6991361678	Sum of GTIs [s]
l2events	1090278	Number of level 2 events

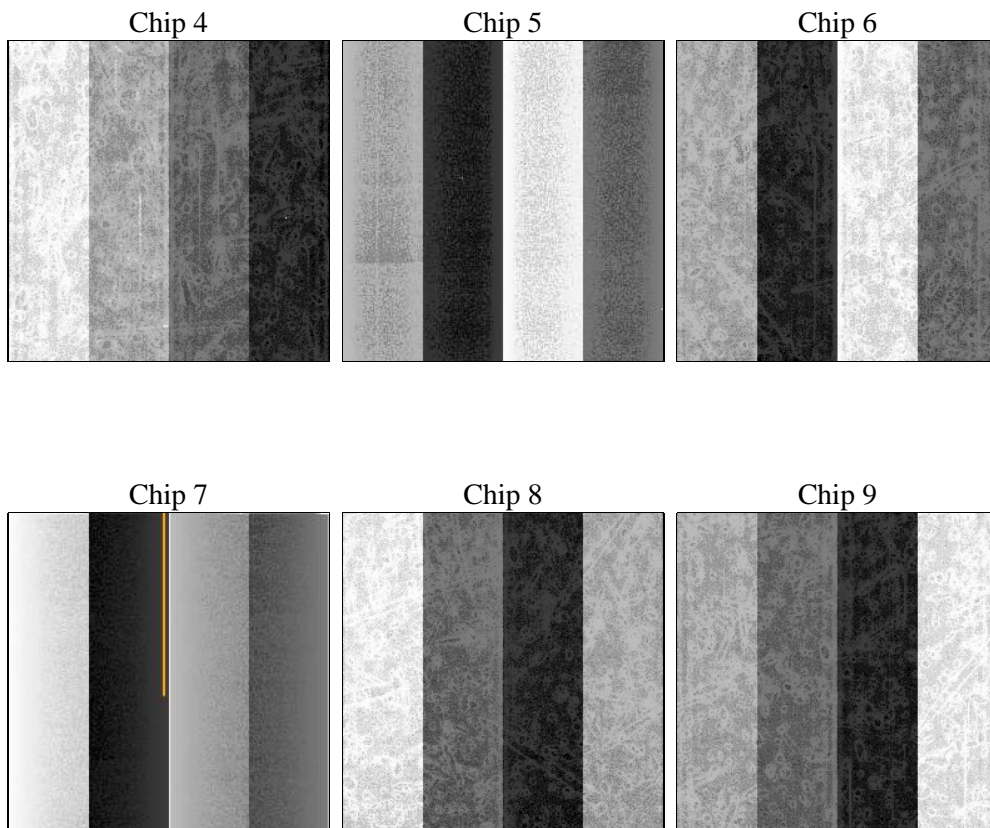
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	8280.7280767262	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	7078.3720174134	Sum of GTIs [s]
date	2012-12-23T20:41:12	Date and time of file creation	ontime5	8280.6870367229	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7622.7276364565	Sum of GTIs [s]
			ontime7	8280.7280767262	Sum of GTIs [s]
			ontime8	7888.4057007432	Sum of GTIs [s]
			ontime9	7499.6991361678	Sum of GTIs [s]
			l1events	1488703	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	220707	258157	242256	269968	262803	234812	grade 0 events	96705	45601	104225	52664	109708	99115
rejected events	54592	54977	51090	48524	60365	54130		43%	17%	43%	19%	41%	42%
rejected %	24%	21%	21%	17%	22%	23%	grade 1 events	722	218	531	179	579	564
								0%	0%	0%	0%	0%	0%
							grade 2 events	26216	72714	32891	48779	35543	31425
								11%	28%	13%	18%	13%	13%
							grade 3 events	11186	11338	11888	22330	13389	11704
								5%	4%	4%	8%	5%	4%
							grade 4 events	10997	11319	11981	22238	13335	11476
								4%	4%	4%	8%	5%	4%
							grade 5 events	3125	8439	3517	8765	4291	3722
								1%	3%	1%	3%	1%	1%
							grade 6 events	21011	62208	30181	75433	30463	26962
								9%	24%	12%	27%	11%	11%
							grade 7 events	50745	46320	47042	39580	55495	49844
								22%	17%	19%	14%	21%	21%

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	268.982895713805
[deg] Pointing Dec	0	-22.97609641733007
[deg] Pointing Roll	0.0	90.47692964672616
[mm] SIM focus pos	-0.684267	-1.428180813131781
[mm] SIM defocus	0	0.1051558262725154
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	233064686.937236	233064685.9123
Observation start date	2005-05-21T12:11:27	2005-05-21T12:11:25
[s] Observation end time (MET)	233085996.688204	233085995.66327
Observation end date	2005-05-21T18:06:37	2005-05-21T18:06:35
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2807280767262

A.2 Comments