

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57115 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 7 2012

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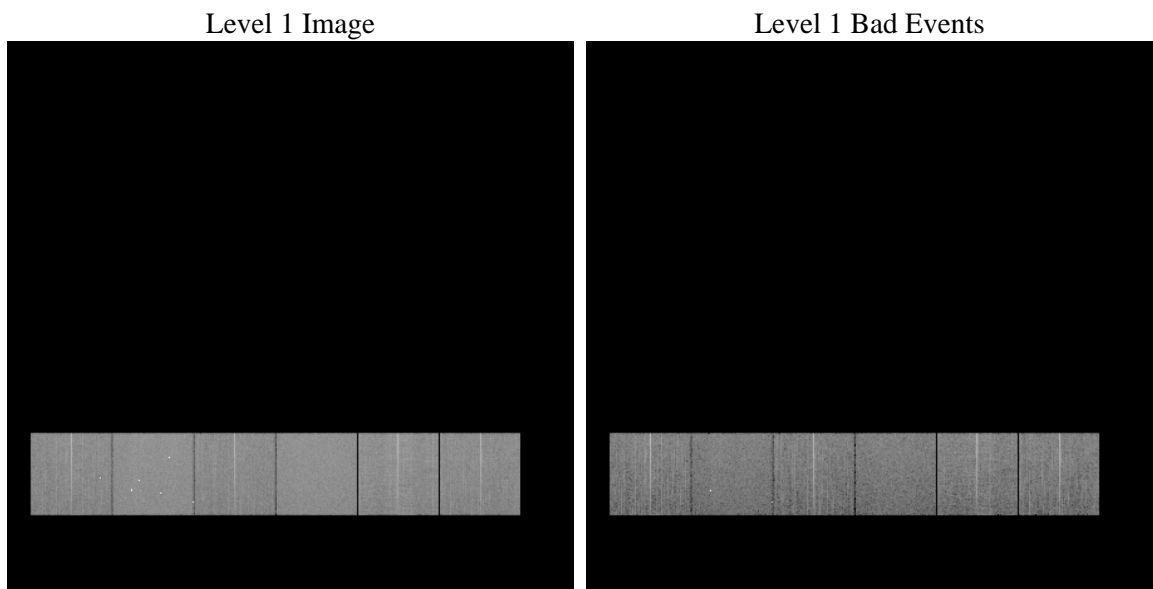
1 Front

seq_num	 	Sequence number
obs_id	57115	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	205.00038875233	Nominal RA [deg]
dec_nom	-5.028669366233	Nominal Dec [deg]
roll_nom	237.76429212864	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8268.4793992639	Sum of GTIs [s]
livetime	8163.7789344298	Livetime [s]
ontime4	8268.356279254	Sum of GTIs [s]
ontime5	8268.4383592606	Sum of GTIs [s]
ontime6	8268.3973192573	Sum of GTIs [s]
ontime7	8268.4793992639	Sum of GTIs [s]
ontime8	8265.0742388964	Sum of GTIs [s]
ontime9	8268.5204392672	Sum of GTIs [s]
l2events	532297	Number of level 2 events

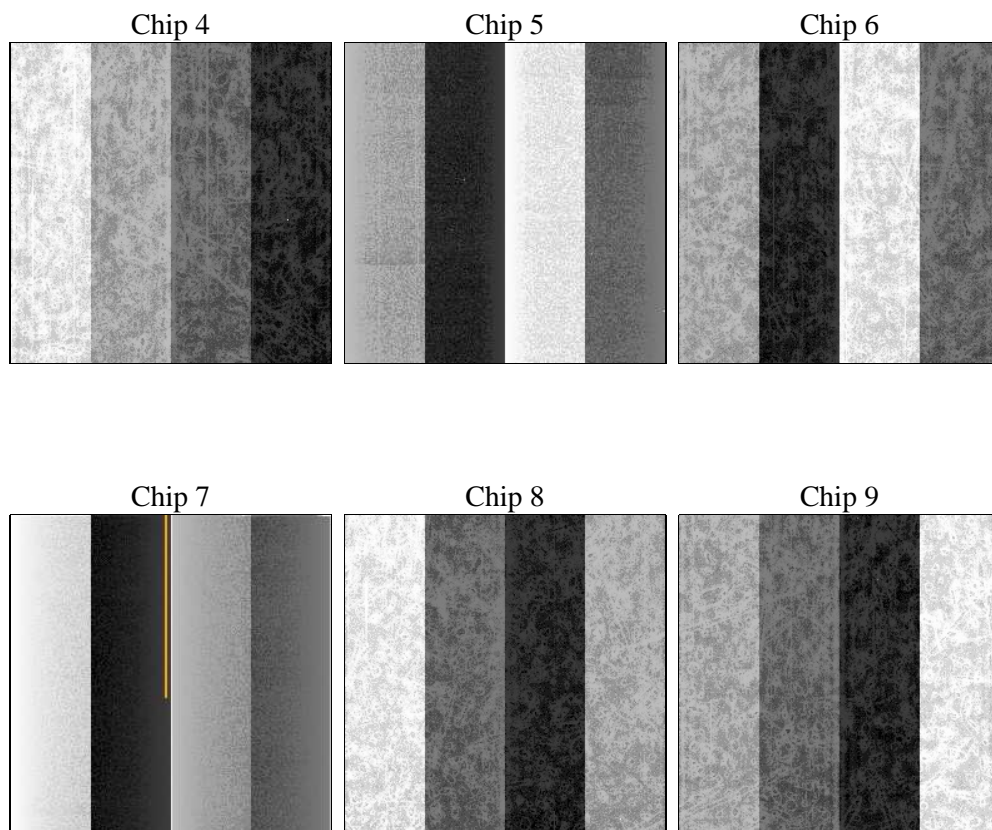
2 OBI

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	8268.4793992639	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8268.356279254	Sum of GTIs [s]
date	2012-06-07T04:23:05	Date and time of file creation	ontime5	8268.4383592606	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8268.3973192573	Sum of GTIs [s]
			ontime7	8268.4793992639	Sum of GTIs [s]
			ontime8	8265.0742388964	Sum of GTIs [s]
			ontime9	8268.5204392672	Sum of GTIs [s]
			l1events	1079327	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	168071	205086	163627	189977	187162	165404	grade 0 events	46479	21502	43435	21618	48439	43262
rejected events	87708	78726	80333	71936	88134	84079		27%	10%	26%	11%	25%	26%
rejected %	52%	38%	49%	37%	47%	50%	grade 1 events	489	282	284	169	357	359
								0%	0%	0%	0%	0%	0%
							grade 2 events	12394	43881	14901	25474	18495	14214
								7%	21%	9%	13%	9%	8%
							grade 3 events	5516	5394	5382	10825	7255	5570
								3%	2%	3%	5%	3%	3%
							grade 4 events	5561	5365	5462	10578	7048	5370
								3%	2%	3%	5%	3%	3%
							grade 5 events	4327	10451	4486	11340	5857	5047
								2%	5%	2%	5%	3%	3%
							grade 6 events	10444	50259	14159	49591	17823	12947
								6%	24%	8%	26%	9%	7%
							grade 7 events	82861	67952	75518	60382	81888	78635
								49%	33%	46%	31%	43%	47%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	205.0003887523329	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-5.028669366233012	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	237.7642921286443	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	358272587.274662	358272586.24968			
Observation start date	2009-05-09T16:09:47	2009-05-09T16:09:46			
[s] Observation end time (MET)	358281410.475101	358281409.45012			
Observation end date	2009-05-09T18:36:50	2009-05-09T18:36:49			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.06.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2684793992639

A.2 Comments