

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59707 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 22 2012

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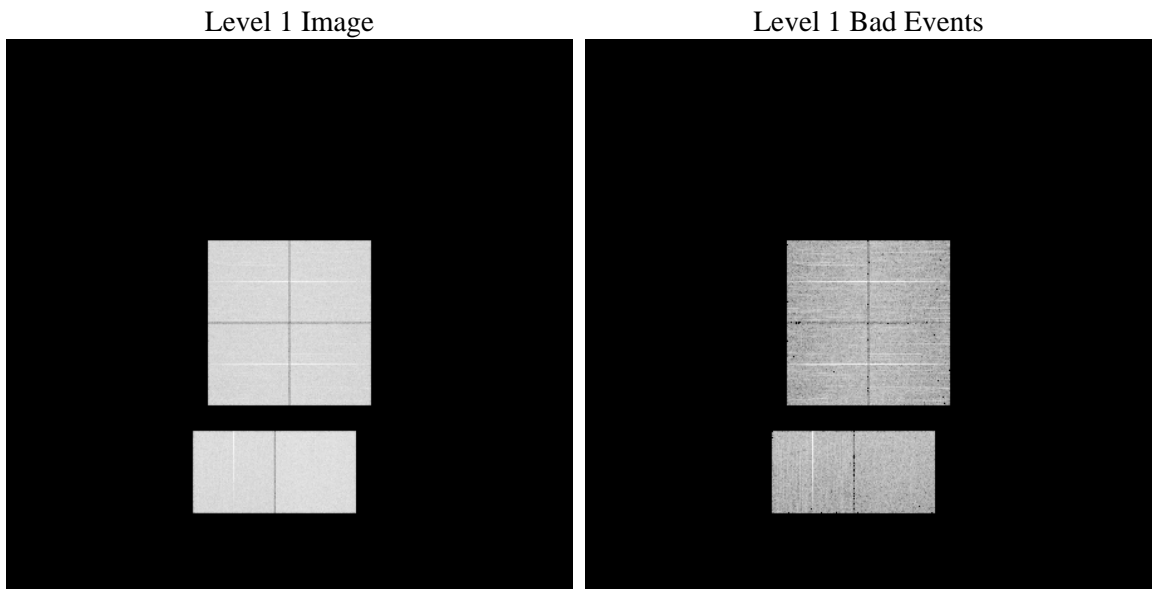
1 Front

seq_num	 	Sequence number
obs_id	59707	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	189.10183889309	Nominal RA [deg]
dec_nom	16.597275019151	Nominal Dec [deg]
roll_nom	199.72257711562	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7803.6582167149	Sum of GTIs [s]
livetime	7704.843597576	Livetime [s]
ontime0	6886.4194926322	Sum of GTIs [s]
ontime1	7094.5782197714	Sum of GTIs [s]
ontime2	6712.1423544586	Sum of GTIs [s]
ontime3	6805.4763671458	Sum of GTIs [s]
ontime6	7252.5270264447	Sum of GTIs [s]
ontime7	7803.6582167149	Sum of GTIs [s]
l2events	1050345	Number of level 2 events

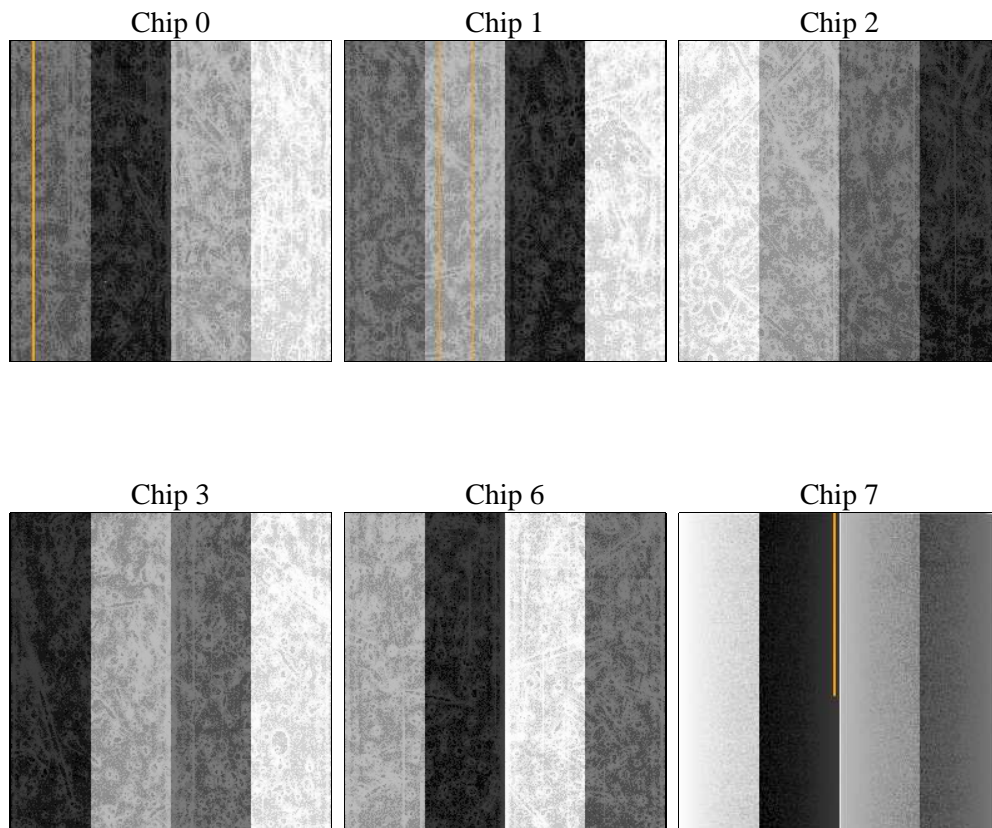
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	7803.6582167149	Sum of GTIs [s]
caldbver	4.5.5	 	ontime0	6886.4194926322	Sum of GTIs [s]
date	2012-12-22T04:05:11	Date and time of file creation	ontime1	7094.5782197714	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6712.1423544586	Sum of GTIs [s]
			ontime3	6805.4763671458	Sum of GTIs [s]
			ontime6	7252.5270264447	Sum of GTIs [s]
			ontime7	7803.6582167149	Sum of GTIs [s]
			l1events	1407750	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	222999	227924	219041	223939	244408	269439	grade 0 events	94738	96777	94713	96274	103204	52048
rejected events	50033	49925	49361	51256	53574	49016		42%	42%	43%	42%	42%	19%
rejected %	22%	21%	22%	22%	21%	18%	grade 1 events	546	541	611	596	503	184
								0%	0%	0%	0%	0%	0%
							grade 2 events	30422	31945	28790	29763	33088	48452
								13%	14%	13%	13%	13%	17%
							grade 3 events	11257	11297	10982	11097	12074	21446
								5%	4%	5%	4%	4%	7%
							grade 4 events	11093	11464	11216	11536	11802	21703
								4%	5%	5%	5%	4%	8%
							grade 5 events	3054	3133	2890	3247	3515	8797
								1%	1%	1%	1%	1%	3%
							grade 6 events	25456	26516	23979	24013	30666	76774
								11%	11%	10%	10%	12%	28%
							grade 7 events	46433	46251	45860	47413	49556	40035
								20%	20%	20%	21%	20%	14%

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	189.1018388930859
[deg] Pointing Dec	0	16.59727501915116
[deg] Pointing Roll	0.0	199.7225771156207
[mm] SIM focus pos	-0.782348	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	229370031.219183	229370030.19418
Observation start date	2005-04-08T17:53:51	2005-04-08T17:53:50
[s] Observation end time (MET)	229407398.620883	229407397.59588
Observation end date	2005-04-09T04:16:39	2005-04-09T04:16:37
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	7.8036582167149

A.2 Comments