

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59667 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 23 2012

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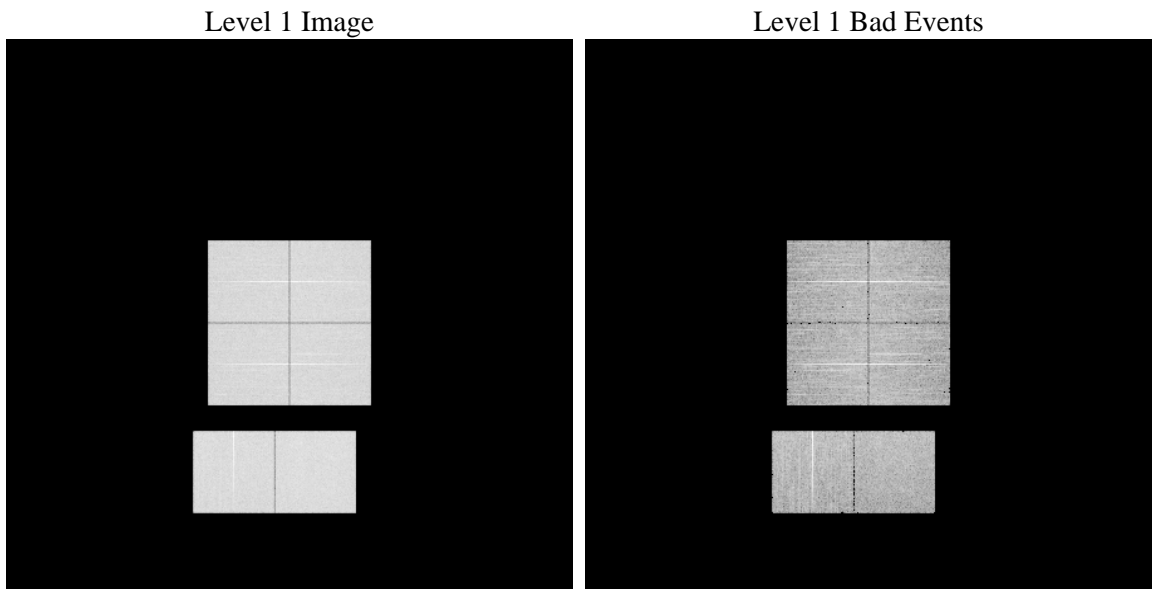
1 Front

seq_num	 	Sequence number
obs_id	59667	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	201.00428541227	Nominal RA [deg]
dec_nom	-7.5283043560264	Nominal Dec [deg]
roll_nom	245.66252162249	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8280.3228127658	Sum of GTIs [s]
livetime	8175.4723794988	Livetime [s]
ontime0	7687.1831082702	Sum of GTIs [s]
ontime1	7891.3235570788	Sum of GTIs [s]
ontime2	7502.9388771057	Sum of GTIs [s]
ontime3	7606.2407311201	Sum of GTIs [s]
ontime6	8059.7721924186	Sum of GTIs [s]
ontime7	8280.3228127658	Sum of GTIs [s]
l2events	1101276	Number of level 2 events

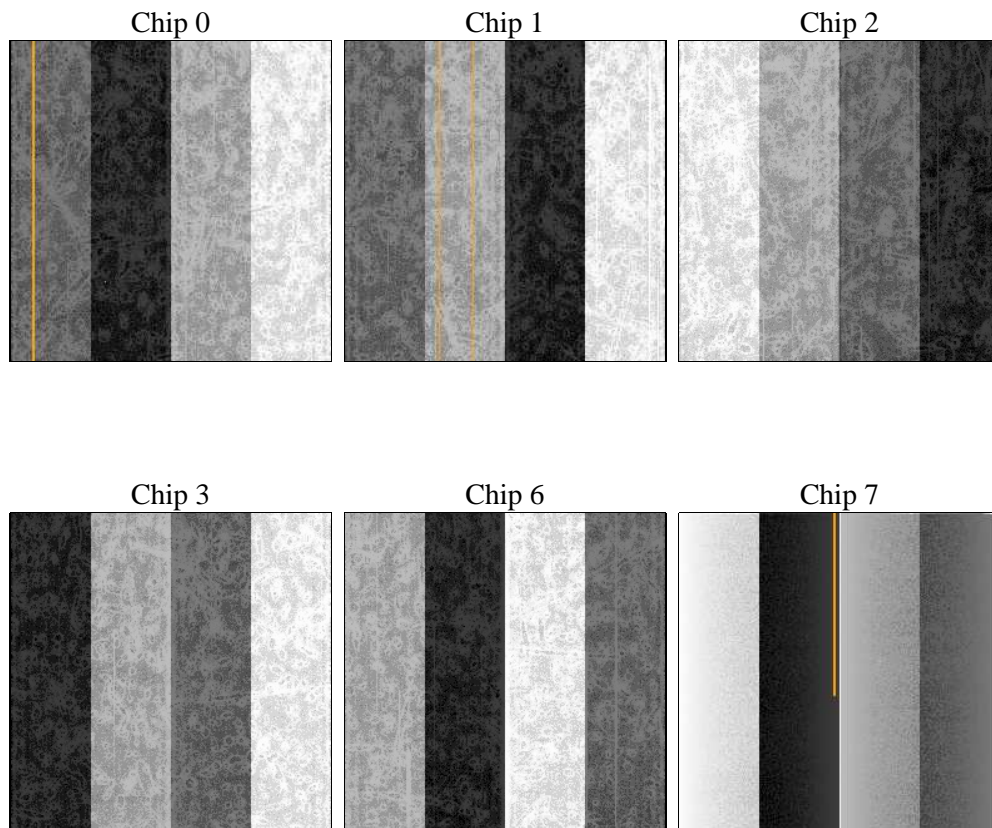
2 OBI

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	8.5.1.1	Processing system revision	ontime	8280.3228127658	Sum of GTIs [s]
caldbver	4.5.5	 	ontime0	7687.1831082702	Sum of GTIs [s]
date	2012-12-23T06:35:52	Date and time of file creation	ontime1	7891.3235570788	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7502.9388771057	Sum of GTIs [s]
			ontime3	7606.2407311201	Sum of GTIs [s]
			ontime6	8059.7721924186	Sum of GTIs [s]
			ontime7	8280.3228127658	Sum of GTIs [s]
			l1events	1488465	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	237824	242912	235385	239136	260729	272479	grade 0 events	101830	102591	101719	104097	108775	50998
rejected events	53868	54305	55284	55304	60254	51402		42%	42%	43%	43%	41%	18%
rejected %	22%	22%	23%	23%	23%	18%	grade 1 events	584	455	648	604	516	158
								0%	0%	0%	0%	0%	0%
							grade 2 events	32026	34110	29548	30448	34935	48916
								13%	14%	12%	12%	13%	17%
							grade 3 events	11902	11976	11871	11790	12219	21521
								5%	4%	5%	4%	4%	7%
							grade 4 events	11814	11856	11755	11932	12202	21339
								4%	4%	4%	4%	4%	7%
							grade 5 events	3235	3419	2980	3456	3708	8767
								1%	1%	1%	1%	1%	3%
							grade 6 events	26384	28074	25208	25565	32344	78303
								11%	11%	10%	10%	12%	28%
							grade 7 events	50049	50431	51656	51244	56030	42477
								21%	20%	21%	21%	21%	15%

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	201.004285412269
[deg] Pointing Dec	0	-7.52830435602643
[deg] Pointing Roll	0.0	245.6625216224914
[mm] SIM focus pos	-0.782348	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-233.592463	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	231922035.335259	231922034.31026
Observation start date	2005-05-08T06:47:15	2005-05-08T06:47:14
[s] Observation end time (MET)	231945436.086325	231945435.06133
Observation end date	2005-05-08T13:17:16	2005-05-08T13:17:15
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)	2013.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2803228127658

A.2 Comments