

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 59767 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 18 2012

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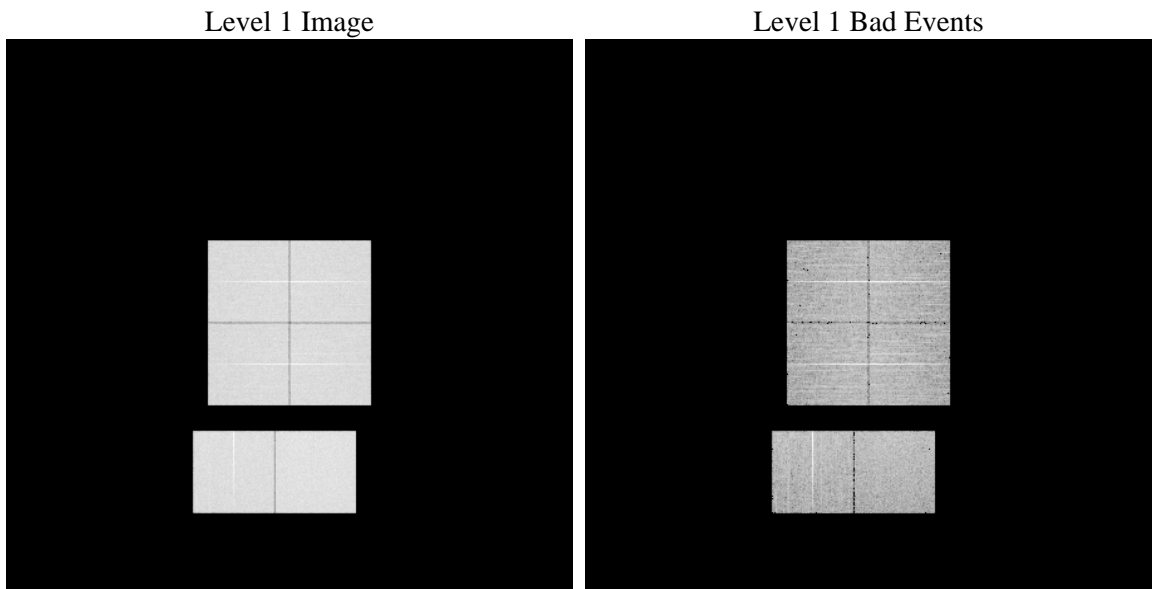
1 Front

seq_num	 	Sequence number
obs_id	59767	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	337.44904494677	Nominal RA [deg]
dec_nom	-57.007349707652	Nominal Dec [deg]
roll_nom	168.68725896667	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8284.7999691367	Sum of GTIs [s]
livetime	8179.8928434199	Livetime [s]
ontime0	7412.9823889434	Sum of GTIs [s]
ontime1	7471.3191156387	Sum of GTIs [s]
ontime2	7132.3394597769	Sum of GTIs [s]
ontime3	7309.2713612616	Sum of GTIs [s]
ontime6	7769.487791568	Sum of GTIs [s]
ontime7	8284.7999691367	Sum of GTIs [s]
l2events	1119758	Number of level 2 events

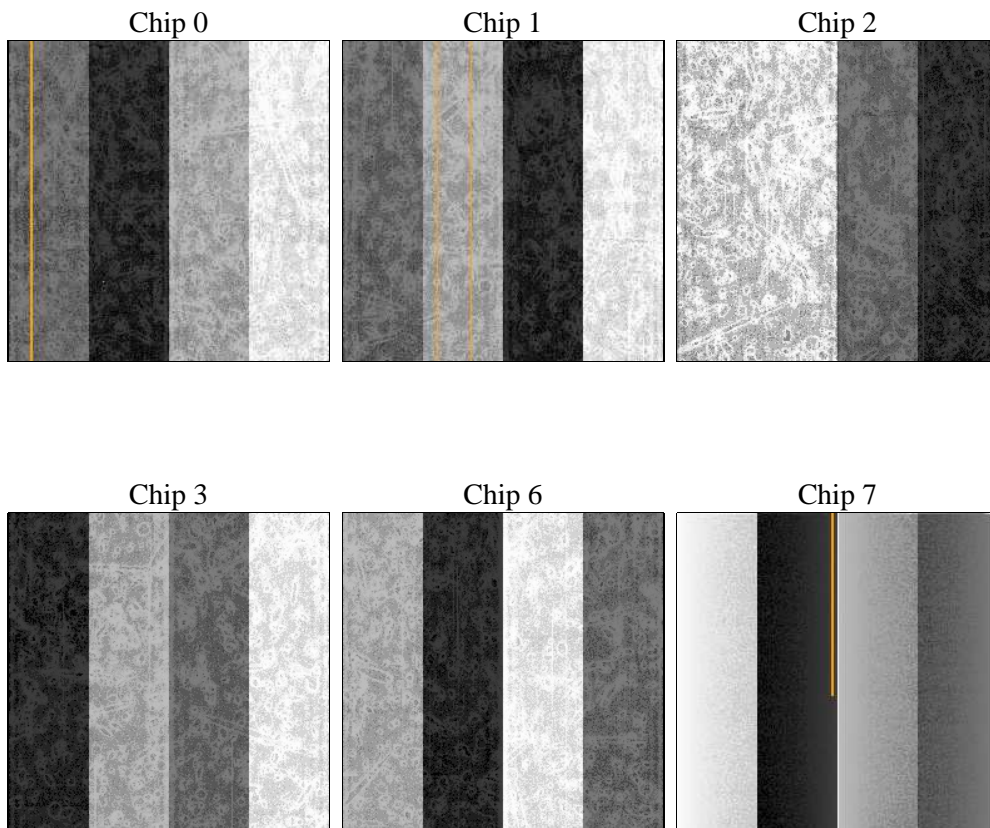
2 OBI

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	Processing system revision	ontime	8284.7999691367	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	7412.9823889434	Sum of GTIs [s]
date	2012-12-18T07:38:22	Date and time of file creation	ontime1	7471.3191156387	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7132.3394597769	Sum of GTIs [s]
			ontime3	7309.2713612616	Sum of GTIs [s]
			ontime6	7769.487791568	Sum of GTIs [s]
			ontime7	8284.7999691367	Sum of GTIs [s]
			l1events	1492263	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	236822	239216	232938	240052	259016	284219	grade 0 events	101827	102443	100754	103718	110687	55253
rejected events	51616	51531	52653	53806	54901	51282		42%	42%	43%	43%	42%	19%
rejected %	21%	21%	22%	22%	21%	18%	grade 1 events	624	538	607	650	555	189
								0%	0%	0%	0%	0%	0%
							grade 2 events	32147	33495	30523	31981	35136	50761
								13%	14%	13%	13%	13%	17%
							grade 3 events	11973	12057	11718	12233	12772	23202
								5%	5%	5%	5%	4%	8%
							grade 4 events	11932	12074	11726	12306	12787	22926
								5%	5%	5%	5%	4%	8%
							grade 5 events	3149	3359	3060	3450	3737	9092
								1%	1%	1%	1%	1%	3%
							grade 6 events	27327	27616	25564	26008	32733	80795
								11%	11%	10%	10%	12%	28%
							grade 7 events	47843	47634	48986	49706	50609	42001
								20%	19%	21%	20%	19%	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	337.449044946773
[deg] Pointing Dec	0	-57.00734970765173
[deg] Pointing Roll	0.0	168.6872589666738
[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)	226436169.486061	226436168.46105
Observation start date	2005-03-05T18:56:09	2005-03-05T18:56:08
[s] Observation end time (MET)	226459213.537106	226459212.5121
Observation end date	2005-03-06T01:20:14	2005-03-06T01:20:12
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)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2847999691367

A.2 Comments