

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60725 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 28 2012

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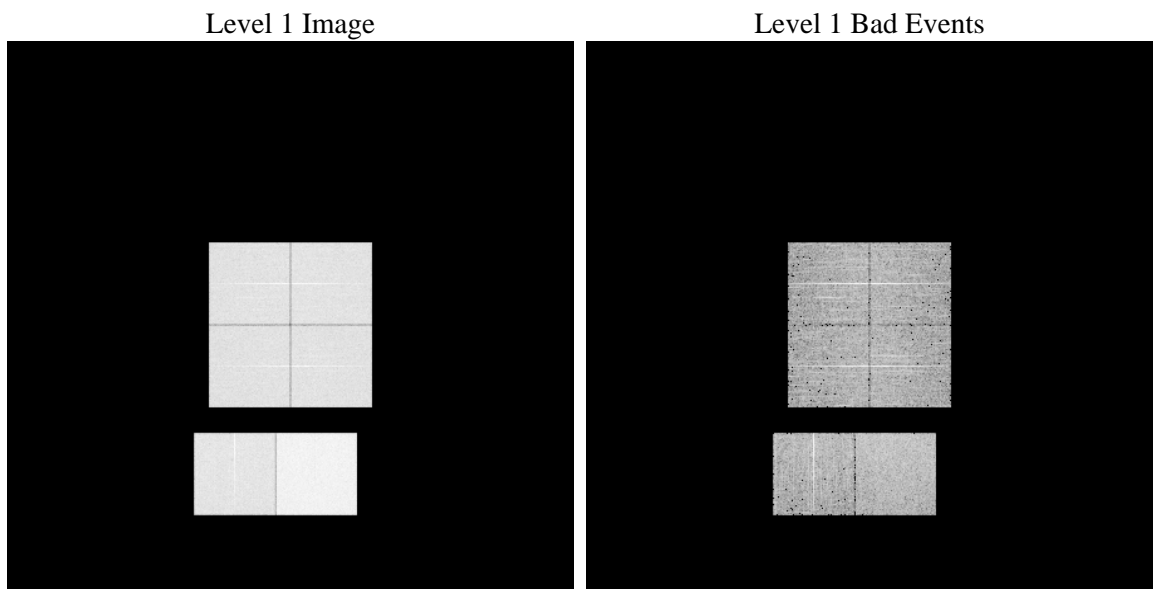
1 Front

seq_num	 	Sequence number
obs_id	60725	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	303.78039371888	Nominal RA [deg]
dec_nom	-37.975927084342	Nominal Dec [deg]
roll_nom	89.762121748859	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8447.9999685287	Sum of GTIs [s]
livetime	8341.0263061524	Livetime [s]
ontime0	4996.9851993918	Sum of GTIs [s]
ontime1	5110.4605168998	Sum of GTIs [s]
ontime2	4801.9038020372	Sum of GTIs [s]
ontime3	4831.6125197709	Sum of GTIs [s]
ontime6	5174.61723575	Sum of GTIs [s]
ontime7	8447.9999685287	Sum of GTIs [s]
l2events	1271653	Number of level 2 events

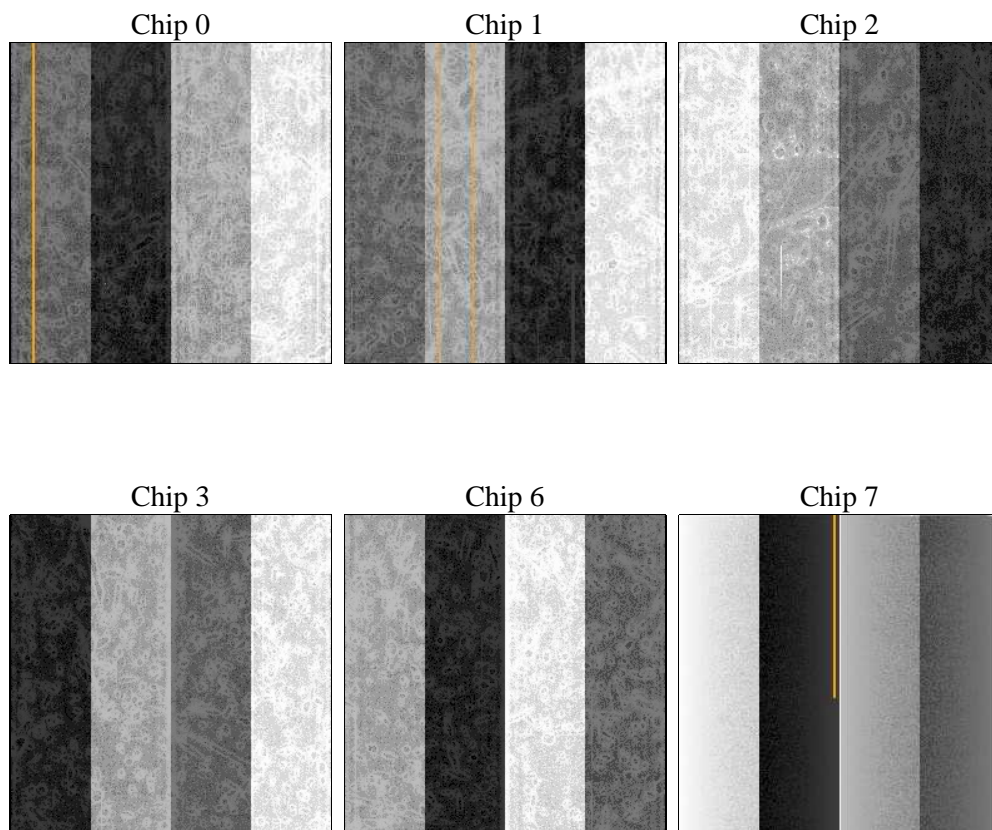
2 OBI

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	8447.9999685287	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4996.9851993918	Sum of GTIs [s]
date	2012-10-28T15:01:12	Date and time of file creation	ontime1	5110.4605168998	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4801.9038020372	Sum of GTIs [s]
			ontime3	4831.6125197709	Sum of GTIs [s]
			ontime6	5174.61723575	Sum of GTIs [s]
			ontime7	8447.9999685287	Sum of GTIs [s]
			l1events	1541107	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	225736	231333	219888	223995	248454	391701	grade 0 events	107152	109447	106010	107372	115617	86903
rejected events	32356	31974	31720	33103	36784	44370		47%	47%	48%	47%	46%	22%
rejected %	14%	13%	14%	14%	14%	11%	grade 1 events	603	538	622	644	555	237
								0%	0%	0%	0%	0%	0%
							grade 2 events	33663	35545	32020	32528	36604	76603
								14%	15%	14%	14%	14%	19%
							grade 3 events	12448	12671	12296	12422	13122	35374
								5%	5%	5%	5%	5%	9%
							grade 4 events	12342	12831	12212	12517	13051	34554
								5%	5%	5%	5%	5%	8%
							grade 5 events	2112	2306	2038	2252	2495	8378
								0%	0%	0%	1%	1%	2%
							grade 6 events	28169	29253	26011	26428	33776	114566
								12%	12%	11%	11%	13%	29%
							grade 7 events	29247	28742	28679	29832	33234	35086
								12%	12%	13%	13%	13%	8%

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	303.7803937188752
[deg] Pointing Dec	0	-37.97592708434168
[deg] Pointing Roll	0.0	89.76212174885931
[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)	170457895.32644	170457894.30172
Observation start date	2003-05-27T21:24:55	2003-05-27T21:24:54
[s] Observation end time (MET)	170481800.377455	170481799.35273
Observation end date	2003-05-28T04:03:20	2003-05-28T04:03:19
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	0.000000	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)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4479999685287

A.2 Comments