

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60511 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 5 2012

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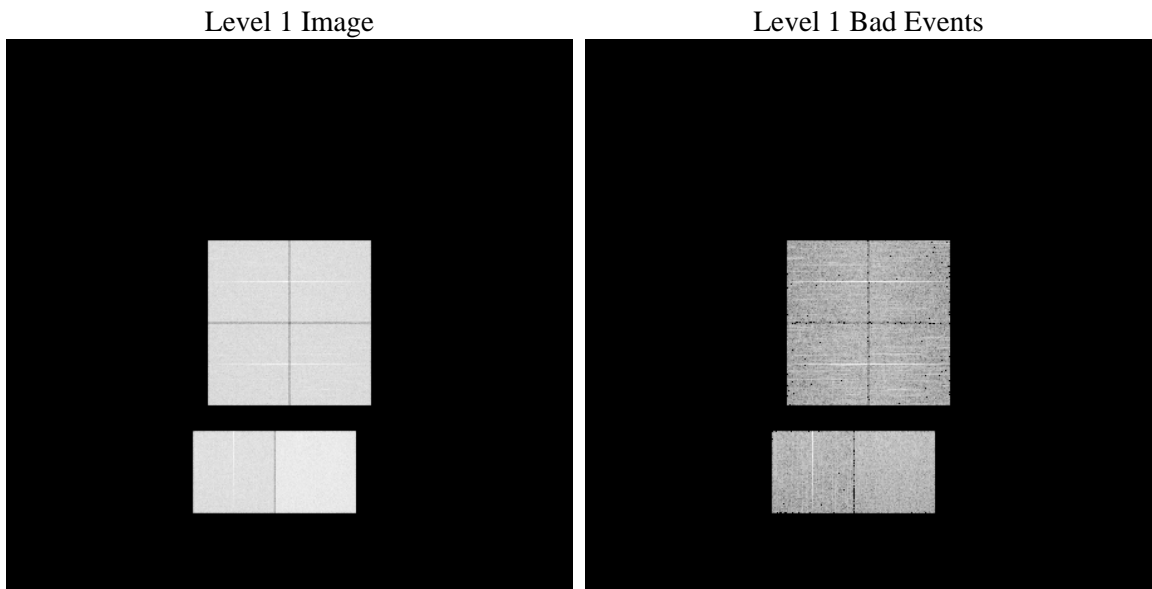
1 Front

seq_num	 	Sequence number
obs_id	60511	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	276.41913248929	Nominal RA [deg]
dec_nom	-37.024178869271	Nominal Dec [deg]
roll_nom	269.46450625474	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8414.6561774313	Sum of GTIs [s]
livetime	8308.1047342151	Livetime [s]
ontime0	5468.5769079924	Sum of GTIs [s]
ontime1	5562.5234862268	Sum of GTIs [s]
ontime2	5141.1571907103	Sum of GTIs [s]
ontime3	5245.0317511559	Sum of GTIs [s]
ontime6	5814.381817162	Sum of GTIs [s]
ontime7	8414.6561774313	Sum of GTIs [s]
l2events	1237172	Number of level 2 events

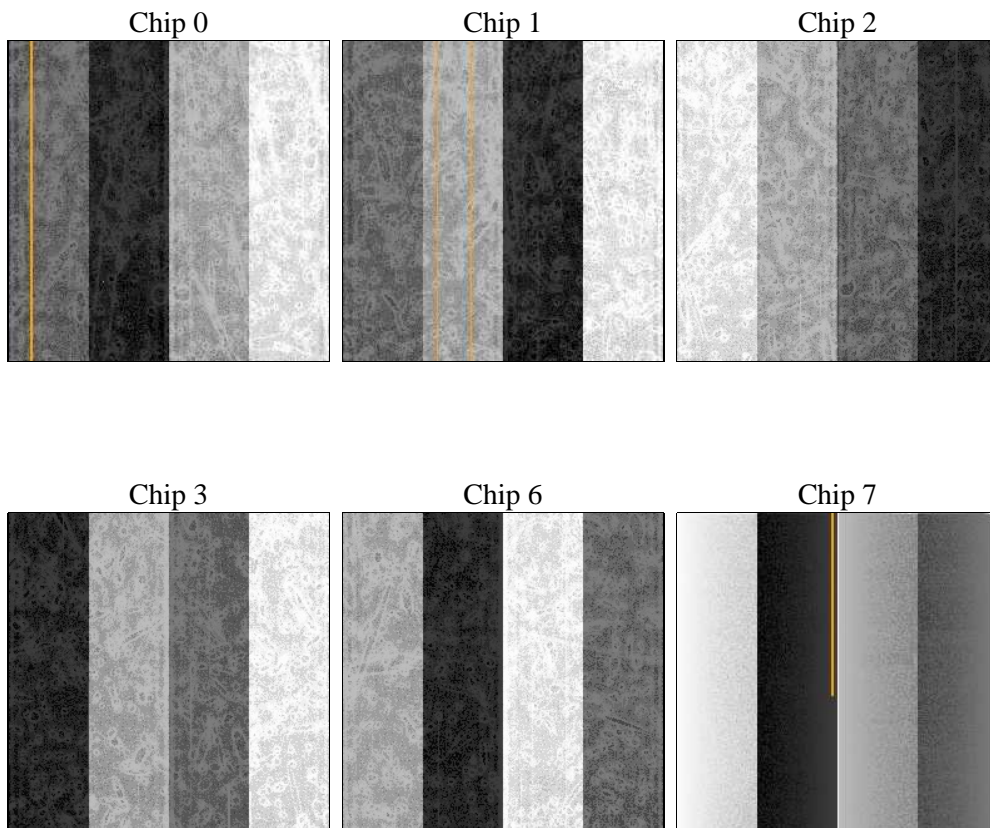
2 OBI

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	8414.6561774313	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	5468.5769079924	Sum of GTIs [s]
date	2012-11-05T09:27:52	Date and time of file creation	ontime1	5562.5234862268	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5141.1571907103	Sum of GTIs [s]
			ontime3	5245.0317511559	Sum of GTIs [s]
			ontime6	5814.381817162	Sum of GTIs [s]
			ontime7	8414.6561774313	Sum of GTIs [s]
			l1events	1537836	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	231556	234452	222581	227496	255996	365755	grade 0 events	107847	109432	103745	106269	118014	79139
rejected events	37310	37161	39006	39754	40554	48036		46%	46%	46%	46%	46%	21%
rejected %	16%	15%	17%	17%	15%	13%	grade 1 events	589	553	618	598	517	229
								0%	0%	0%	0%	0%	0%
							grade 2 events	34222	34743	30918	31987	37506	70387
								14%	14%	13%	14%	14%	19%
							grade 3 events	12513	12760	12174	12355	13241	31883
								5%	5%	5%	5%	5%	8%
							grade 4 events	12568	12624	11778	12305	13438	32086
								5%	5%	5%	5%	5%	8%
							grade 5 events	2338	2380	2232	2462	2755	8543
								1%	1%	1%	1%	1%	2%
							grade 6 events	28377	28843	26149	25889	34591	106217
								12%	12%	11%	11%	13%	29%
							grade 7 events	33102	33117	34967	35631	35934	37271
								14%	14%	15%	15%	14%	10%

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	276.4191324892871
[deg] Pointing Dec	0	-37.02417886927138
[deg] Pointing Roll	0.0	269.4645062547421
[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)	182340378.48374	182340377.45903
Observation start date	2003-10-12T10:06:18	2003-10-12T10:06:17
[s] Observation end time (MET)	182362432.384688	182362431.35998
Observation end date	2003-10-12T16:13:52	2003-10-12T16:13:51
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4146561774313

A.2 Comments