

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60834 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 23 2012

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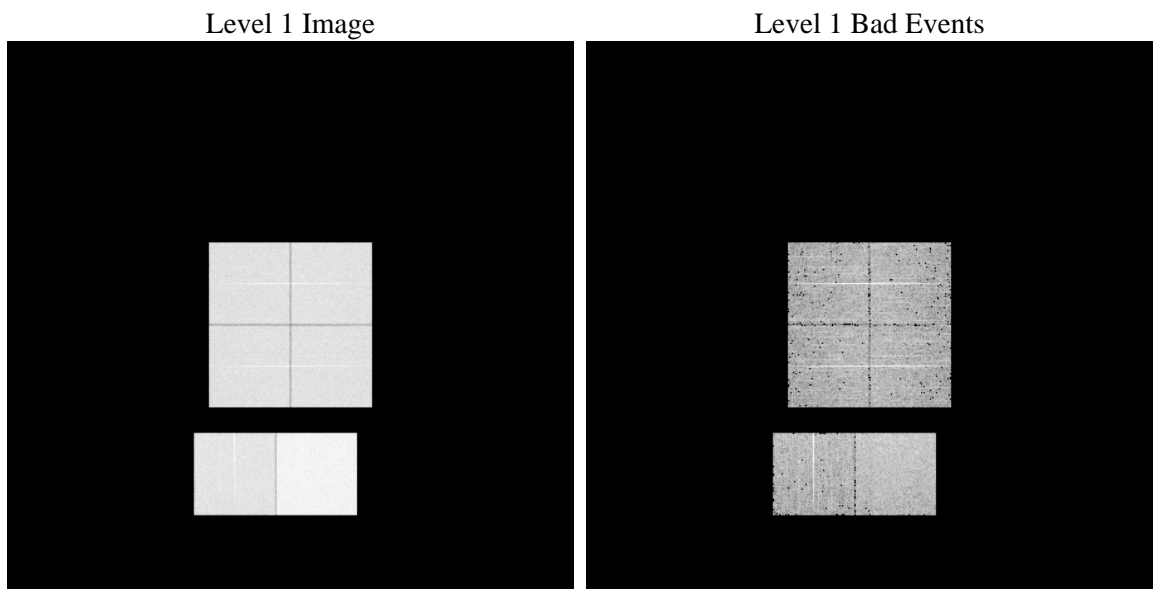
1 Front

seq_num	 	Sequence number
obs_id	60834	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	132.51116441694	Nominal RA [deg]
dec_nom	15.473507496214	Nominal Dec [deg]
roll_nom	259.11245481483	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8464.248552382	Sum of GTIs [s]
livetime	8357.0691406531	Livetime [s]
ontime0	4536.2244015038	Sum of GTIs [s]
ontime1	4707.6668462157	Sum of GTIs [s]
ontime2	4494.1730314493	Sum of GTIs [s]
ontime3	4578.2754734159	Sum of GTIs [s]
ontime6	4892.8575291634	Sum of GTIs [s]
ontime7	8464.248552382	Sum of GTIs [s]
l2events	1287391	Number of level 2 events

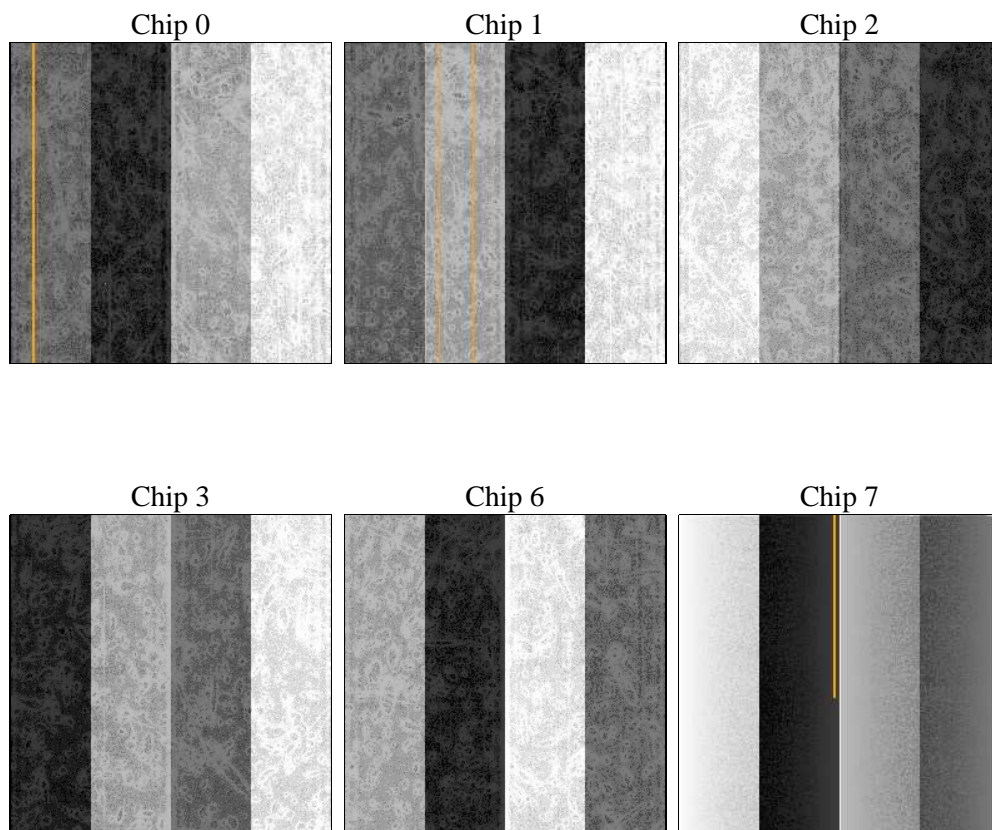
2 OBI

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	8464.248552382	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4536.2244015038	Sum of GTIs [s]
date	2012-10-23T09:02:05	Date and time of file creation	ontime1	4707.6668462157	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4494.1730314493	Sum of GTIs [s]
			ontime3	4578.2754734159	Sum of GTIs [s]
			ontime6	4892.8575291634	Sum of GTIs [s]
			ontime7	8464.248552382	Sum of GTIs [s]
			l1events	1546319	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	217075	226188	219355	222675	247111	413915	grade 0 events	103325	106829	105528	107657	116364	91931
rejected events	29558	30884	30396	30923	33777	44601		47%	47%	48%	48%	47%	22%
rejected %	13%	13%	13%	13%	13%	10%	grade 1 events	613	513	626	603	564	246
								0%	0%	0%	0%	0%	0%
							grade 2 events	32679	34839	32264	32698	36596	80945
								15%	15%	14%	14%	14%	19%
							grade 3 events	12158	12406	12330	12615	13060	37254
								5%	5%	5%	5%	5%	9%
							grade 4 events	12034	12448	12444	12532	13253	37158
								5%	5%	5%	5%	5%	8%
							grade 5 events	2095	2209	2022	2174	2392	8572
								0%	0%	0%	0%	0%	2%
							grade 6 events	27321	28782	26393	26250	34061	122026
								12%	12%	12%	11%	13%	29%
							grade 7 events	26850	28162	27748	28146	30821	35783
								12%	12%	12%	12%	12%	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	132.5111644169399
[deg] Pointing Dec	0	15.47350749621447
[deg] Pointing Roll	0.0	259.1124548148264
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	162476123.63943	162476122.61473
Observation start date	2003-02-24T12:15:24	2003-02-24T12:15:22
[s] Observation end time (MET)	162488142.789935	162488141.76524
Observation end date	2003-02-24T15:35:43	2003-02-24T15:35:41
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)	2012.11.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.464248552382

A.2 Comments