

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61019 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 15 2012

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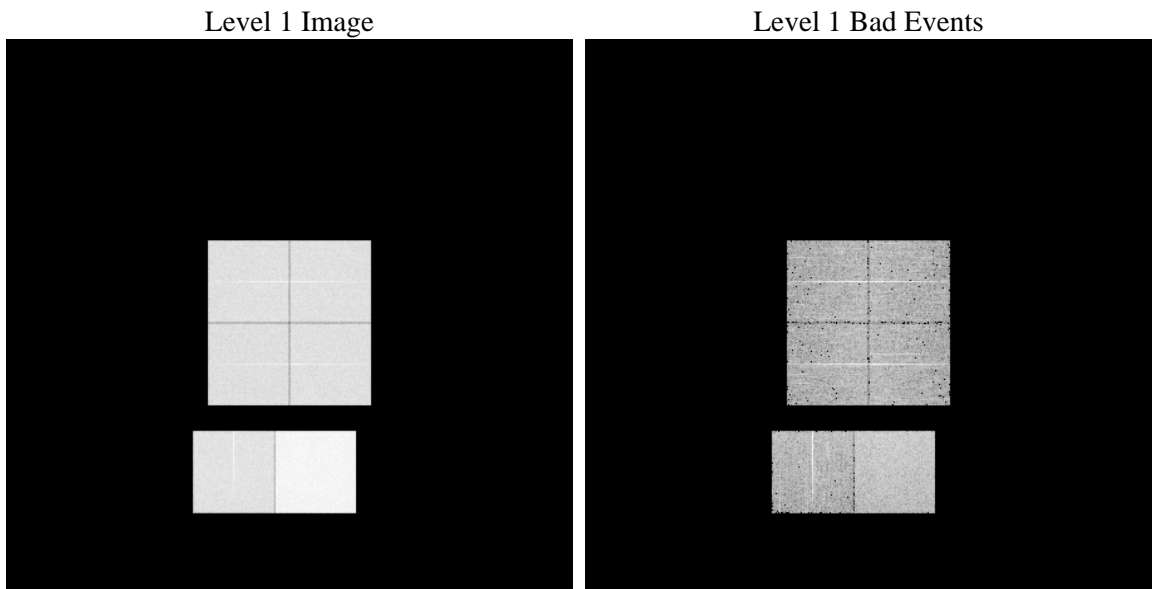
1 Front

seq_num	 	Sequence number
obs_id	61019	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	106.78531428051	Nominal RA [deg]
dec_nom	40.826377850205	Nominal Dec [deg]
roll_nom	80.003906543634	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8348.4425106049	Sum of GTIs [s]
livetime	8242.729504707	Livetime [s]
ontime0	4093.0072011948	Sum of GTIs [s]
ontime1	4102.6891216636	Sum of GTIs [s]
ontime2	3830.4044891894	Sum of GTIs [s]
ontime3	3996.1913275719	Sum of GTIs [s]
ontime6	4235.4881961942	Sum of GTIs [s]
ontime7	8348.4425106049	Sum of GTIs [s]
l2events	1288713	Number of level 2 events

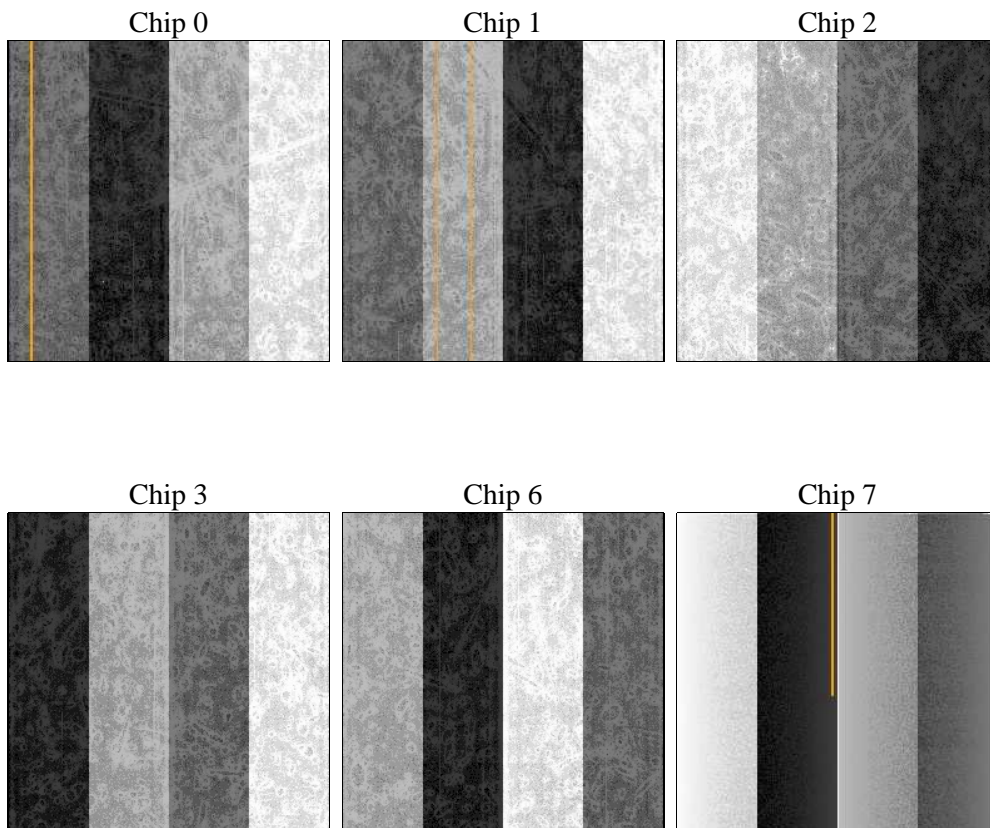
2 OBI

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	8348.4425106049	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4093.0072011948	Sum of GTIs [s]
date	2012-10-15T01:46:39	Date and time of file creation	ontime1	4102.6891216636	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3830.4044891894	Sum of GTIs [s]
			ontime3	3996.1913275719	Sum of GTIs [s]
			ontime6	4235.4881961942	Sum of GTIs [s]
			ontime7	8348.4425106049	Sum of GTIs [s]
			l1events	1552176	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	217954	218401	208222	217933	237165	452501	grade 0 events	105495	104738	101854	107416	112691	100621
rejected events	29971	30321	30551	31160	33797	50851		48%	47%	48%	49%	47%	22%
rejected %	13%	13%	14%	14%	14%	11%	grade 1 events	569	524	595	648	545	257
								0%	0%	0%	0%	0%	0%
							grade 2 events	33150	33698	29849	31312	35074	89939
								15%	15%	14%	14%	14%	19%
							grade 3 events	12026	11913	11725	12187	12726	40813
								5%	5%	5%	5%	5%	9%
							grade 4 events	12257	11969	11816	12101	12605	40186
								5%	5%	5%	5%	5%	8%
							grade 5 events	1958	1897	1821	2039	2270	8838
								0%	0%	0%	0%	0%	1%
							grade 6 events	27420	27818	24915	25999	33120	135503
								12%	12%	11%	11%	13%	29%
							grade 7 events	25079	25844	25647	26231	28134	36344
								11%	11%	12%	12%	11%	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	106.7853142805122
[deg] Pointing Dec	0	40.82637785020476
[deg] Pointing Roll	0.0	80.0039065436342
[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)	149439236.245557	149439235.22084
Observation start date	2002-09-26T14:53:56	2002-09-26T14:53:55
[s] Observation end time (MET)	149461796.496492	149461795.47177
Observation end date	2002-09-26T21:09:56	2002-09-26T21:09:55
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)	2012.10.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3484425106049

A.2 Comments