

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60269 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 30 2012

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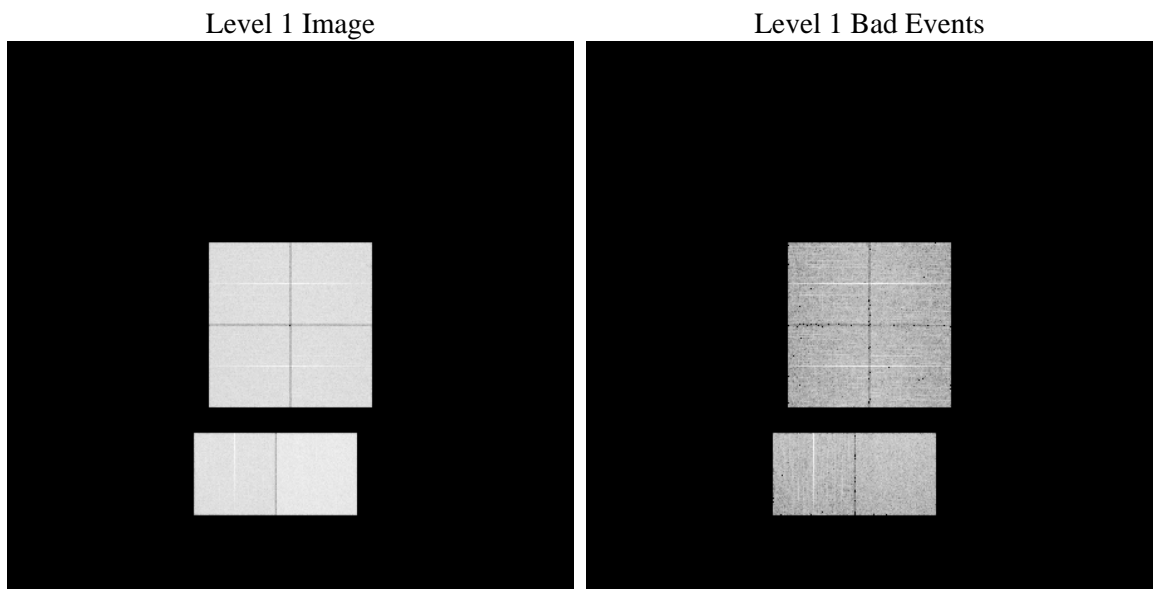
1 Front

seq_num	 	Sequence number
obs_id	60269	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	150.0252744694	Nominal RA [deg]
dec_nom	-40.021173239903	Nominal Dec [deg]
roll_nom	279.72855534699	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8377.599968791	Sum of GTIs [s]
livetime	8271.5177536011	Livetime [s]
ontime0	6079.7514475584	Sum of GTIs [s]
ontime1	6222.3536713421	Sum of GTIs [s]
ontime2	5875.5694924295	Sum of GTIs [s]
ontime3	5995.4854925573	Sum of GTIs [s]
ontime6	6429.7756304443	Sum of GTIs [s]
ontime7	8377.599968791	Sum of GTIs [s]
l2events	1193199	Number of level 2 events

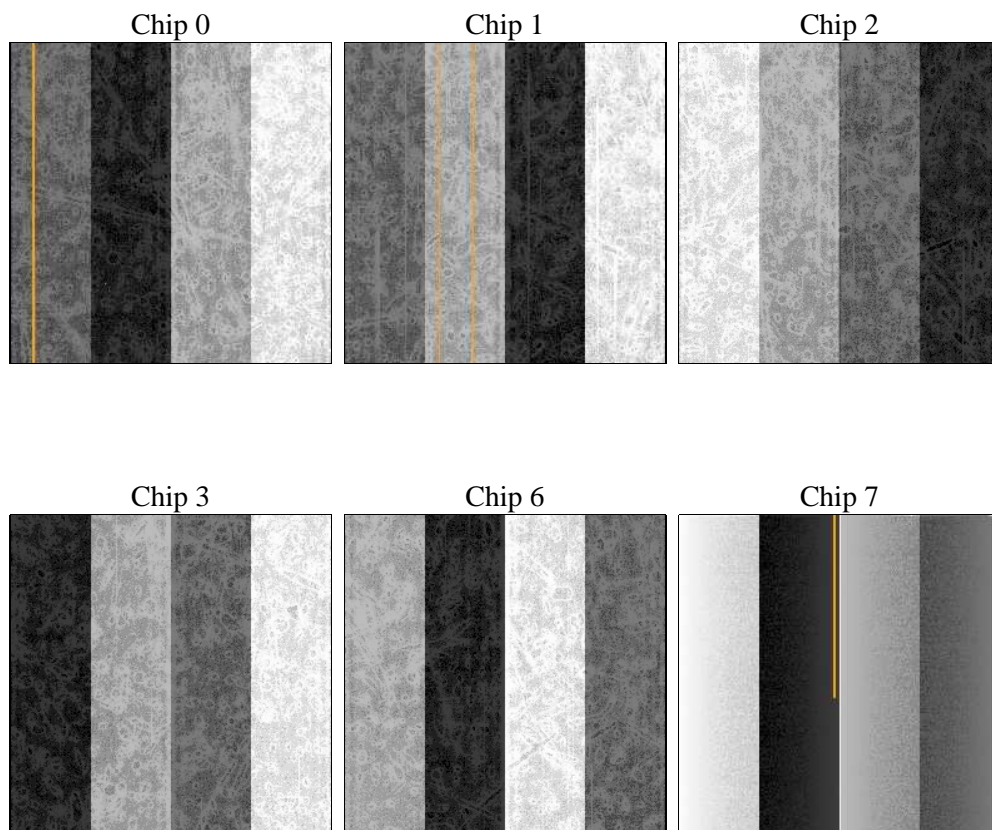
2 OBI

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	8377.599968791	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	6079.7514475584	Sum of GTIs [s]
date	2012-11-29T21:57:43	Date and time of file creation	ontime1	6222.3536713421	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5875.5694924295	Sum of GTIs [s]
			ontime3	5995.4854925573	Sum of GTIs [s]
			ontime6	6429.7756304443	Sum of GTIs [s]
			ontime7	8377.599968791	Sum of GTIs [s]
			l1events	1533622	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	234452	239212	227884	234313	259221	338540	grade 0 events	105255	107181	104085	106861	114935	70605
rejected events	44754	45479	43570	45913	49042	53348		44%	44%	45%	45%	44%	20%
rejected %	19%	19%	19%	19%	18%	15%	grade 1 events	625	594	615	688	601	206
								0%	0%	0%	0%	0%	0%
							grade 2 events	33625	34910	31544	32286	36560	63129
								14%	14%	13%	13%	14%	18%
							grade 3 events	12519	12575	12329	12527	13175	28592
								5%	5%	5%	5%	5%	8%
							grade 4 events	12378	12361	12045	12442	13037	28628
								5%	5%	5%	5%	5%	8%
							grade 5 events	2766	2911	2571	2899	3153	9142
								1%	1%	1%	1%	1%	2%
							grade 6 events	27797	28797	26297	25971	34460	97107
								11%	12%	11%	11%	13%	28%
							grade 7 events	39487	39883	38398	40639	43300	41131
								16%	16%	16%	17%	16%	12%

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	150.0252744694041
[deg] Pointing Dec	0	-40.02117323990307
[deg] Pointing Roll	0.0	279.7285553469891
[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)	198799390.501299	198799389.4763
Observation start date	2004-04-19T22:03:11	2004-04-19T22:03:09
[s] Observation end time (MET)	198812662.201883	198812661.17688
Observation end date	2004-04-20T01:44:22	2004-04-20T01:44:21
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)	2012.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.377599968791

A.2 Comments