

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60038 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 9 2012

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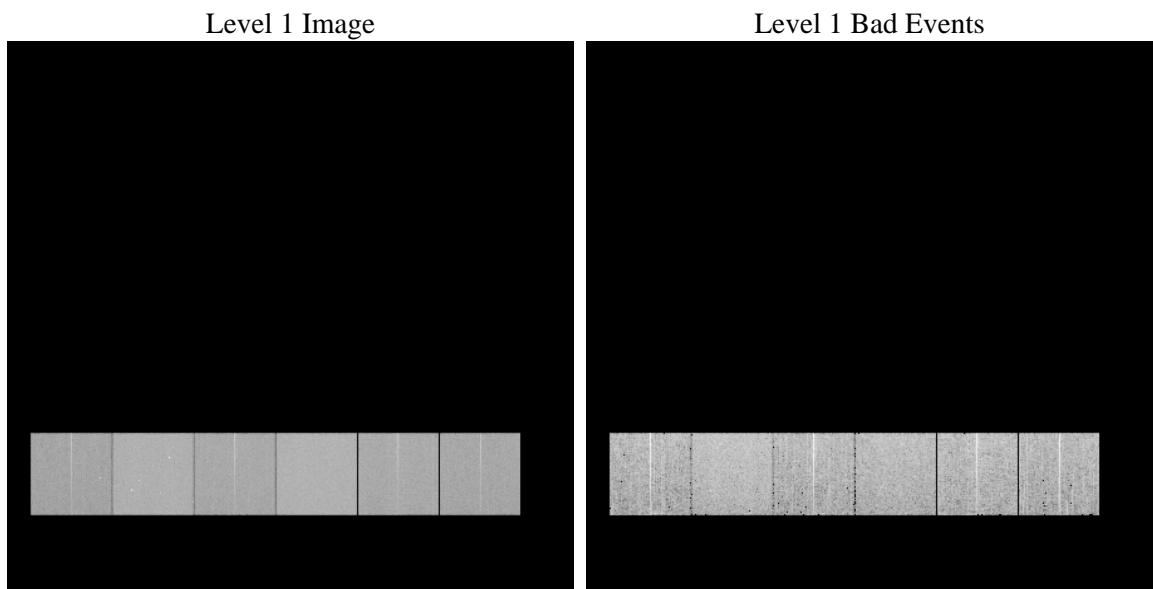
1 Front

seq_num	 	Sequence number
obs_id	60038	Observation id
title	ACIS-456789 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	121.98055010423	Nominal RA [deg]
dec_nom	-11.977036567852	Nominal Dec [deg]
roll_nom	99.62727593795	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7798.3999709487	Sum of GTIs [s]
livetime	7699.6519348838	Livetime [s]
ontime4	5189.4234479368	Sum of GTIs [s]
ontime5	7798.3999709487	Sum of GTIs [s]
ontime6	5794.6565494835	Sum of GTIs [s]
ontime7	7798.3999709487	Sum of GTIs [s]
ontime8	5876.5093921721	Sum of GTIs [s]
ontime9	5568.6168773472	Sum of GTIs [s]
l2events	1061329	Number of level 2 events

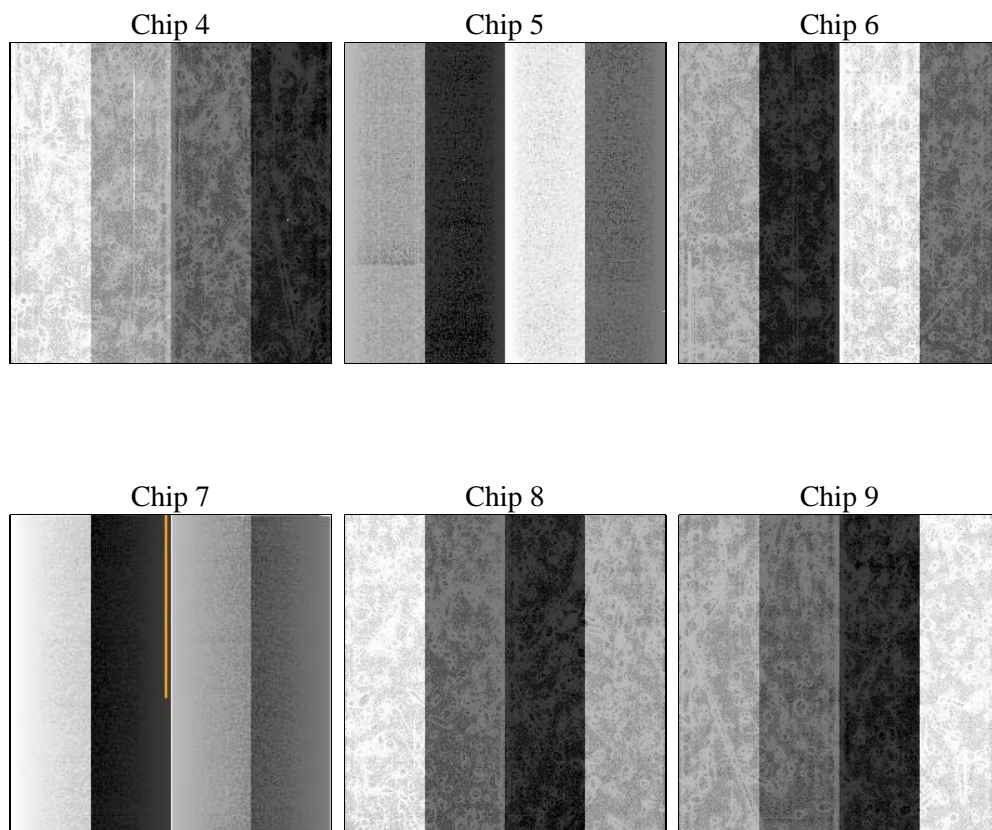
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	7798.3999709487	Sum of GTIs [s]
caldsver	4.5.4	 	ontime4	5189.4234479368	Sum of GTIs [s]
date	2012-12-09T04:26:03	Date and time of file creation	ontime5	7798.3999709487	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5794.6565494835	Sum of GTIs [s]
			ontime7	7798.3999709487	Sum of GTIs [s]
			ontime8	5876.5093921721	Sum of GTIs [s]
			ontime9	5568.6168773472	Sum of GTIs [s]
			l1events	1412735	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	189214	275979	218967	293258	230296	205021	grade 0 events	83233	49041	94049	59179	97528	87409
rejected events	45255	54438	45973	46360	49803	45428		43%	17%	42%	20%	42%	42%
rejected %	23%	19%	20%	15%	21%	22%	grade 1 events	655	221	519	179	548	581
								0%	0%	0%	0%	0%	0%
							grade 2 events	22561	79289	29636	54540	31740	27589
								11%	28%	13%	18%	13%	13%
							grade 3 events	9954	13288	10927	24522	12154	10375
								5%	4%	4%	8%	5%	5%
							grade 4 events	9585	13272	10832	24345	11941	10362
								5%	4%	4%	8%	5%	5%
							grade 5 events	2382	8652	2876	8363	3385	2942
								1%	3%	1%	2%	1%	1%
							grade 6 events	18735	66745	27550	84420	27222	23960
								9%	24%	12%	28%	11%	11%
							grade 7 events	42109	45471	42578	37710	45778	41803
								22%	16%	19%	12%	19%	20%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	121.9805501042252
[deg] Pointing Dec	0	-11.97703656785176
[deg] Pointing Roll	0.0	99.6272759379501
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	212002362.786774	212002361.76176
Observation start date	2004-09-19T17:32:43	2004-09-19T17:32:41
[s] Observation end time (MET)	212042489.488568	212042488.46355
Observation end date	2004-09-20T04:41:29	2004-09-20T04:41:28
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	3.2	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)	2012.12.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7983999709487

A.2 Comments