

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61318 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 2 2012

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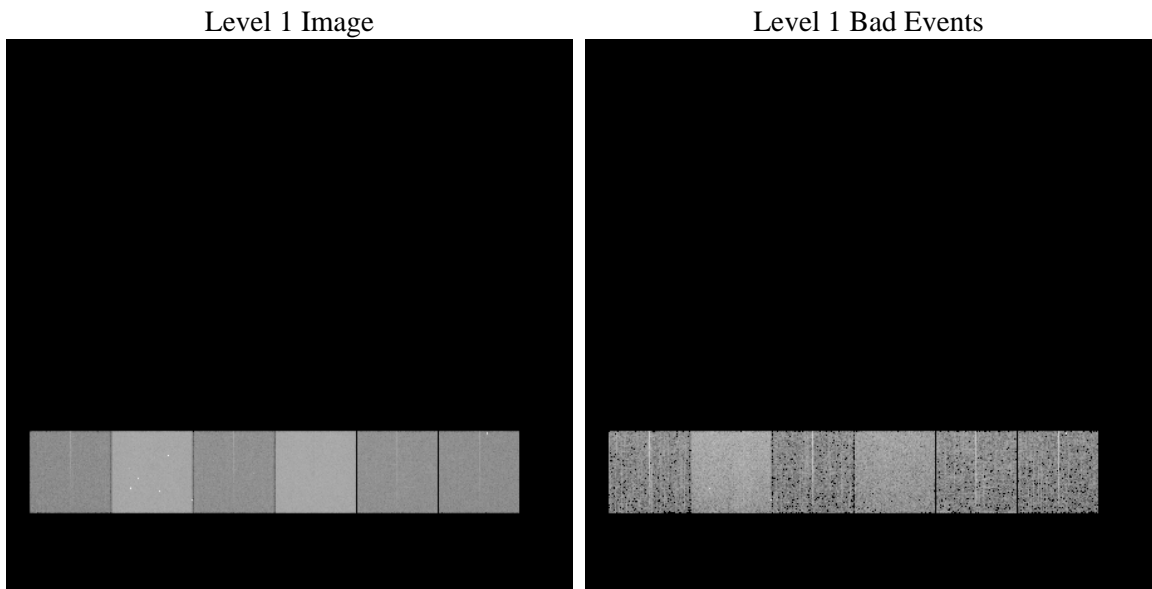
1 Front

seq_num	 	Sequence number
obs_id	61318	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	90.023543483682	Nominal RA [deg]
dec_nom	-4.5164517233795	Nominal Dec [deg]
roll_nom	292.07440162705	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6294.0452678949	Sum of GTIs [s]
livetime	6214.3462768937	Livetime [s]
ontime4	2306.5727794319	Sum of GTIs [s]
ontime5	6740.3356317878	Sum of GTIs [s]
ontime6	2544.2141522169	Sum of GTIs [s]
ontime7	6294.0452678949	Sum of GTIs [s]
ontime8	2612.2760320306	Sum of GTIs [s]
ontime9	2434.0189618766	Sum of GTIs [s]
l2events	1196451	Number of level 2 events

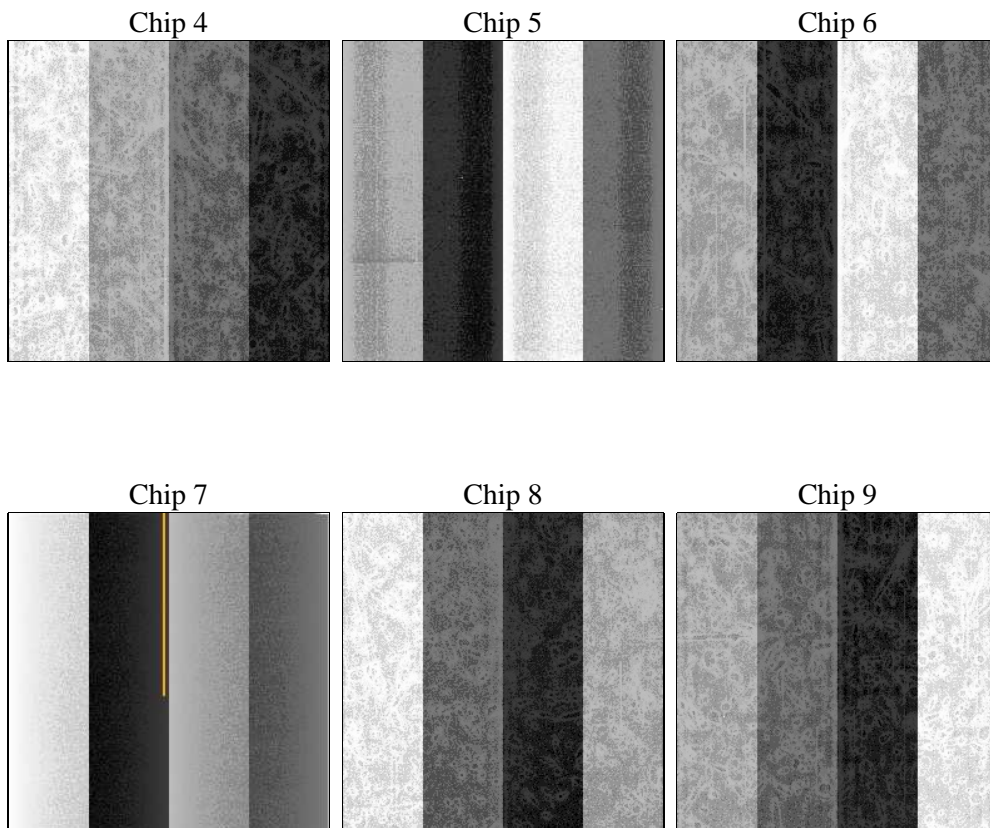
2 OBI

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	6294.0452678949	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	2306.5727794319	Sum of GTIs [s]
date	2012-10-02T07:41:39	Date and time of file creation	ontime5	6740.3356317878	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2544.2141522169	Sum of GTIs [s]
			ontime7	6294.0452678949	Sum of GTIs [s]
			ontime8	2612.2760320306	Sum of GTIs [s]
			ontime9	2434.0189618766	Sum of GTIs [s]
			l1events	1422463	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	144129	389852	166439	393450	172859	155734	grade 0 events	68460	85615	79512	91163	82597	74171
rejected events	21985	47435	20538	34364	22433	19645		47%	21%	47%	23%	47%	47%
rejected %	15%	12%	12%	8%	12%	12%	grade 1 events	386	473	385	209	379	401
								0%	0%	0%	0%	0%	0%
							grade 2 events	21808	122036	25414	79630	26400	23950
								15%	31%	15%	20%	15%	15%
							grade 3 events	7618	21441	8844	36117	9540	8378
								5%	5%	5%	9%	5%	5%
							grade 4 events	7404	21117	8731	35948	9523	8587
								5%	5%	5%	9%	5%	5%
							grade 5 events	1222	8776	1501	6865	1642	1641
								0%	2%	0%	1%	0%	1%
							grade 6 events	16854	92208	23400	116228	22366	21003
								11%	23%	14%	29%	12%	13%
							grade 7 events	20377	38186	18652	27290	20412	17603
								14%	9%	11%	6%	11%	11%

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	90.02354348368188
[deg] Pointing Dec	0	-4.516451723379516
[deg] Pointing Roll	0.0	292.074401627049
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	129531910.675706	129531909.90724
Observation start date	2002-02-08T05:05:11	2002-02-08T05:05:09
[s] Observation end time (MET)	129543821.176187	129543820.40773
Observation end date	2002-02-08T08:23:41	2002-02-08T08:23:40
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)	2012.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.2940452678949

A.2 Comments