

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60117 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 6 2012

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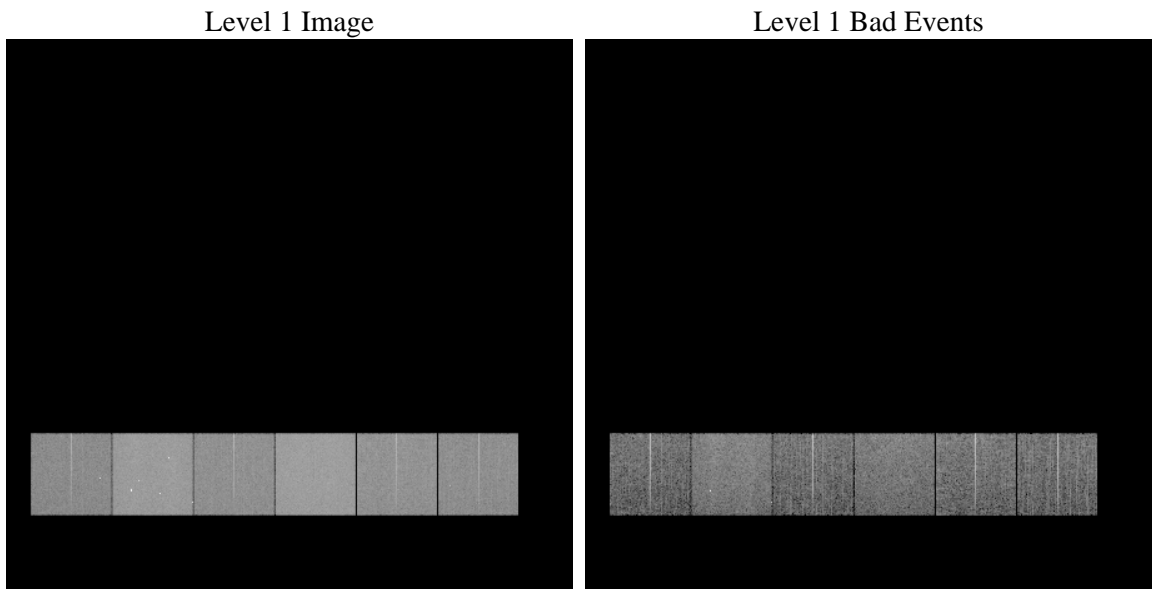
1 Front

seq_num	 	Sequence number
obs_id	60117	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	0.076126426344721	Nominal RA [deg]
dec_nom	0.11583761975628	Nominal Dec [deg]
roll_nom	113.53939157575	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8175.1168204546	Sum of GTIs [s]
livetime	8071.5985688096	Livetime [s]
ontime4	5284.050216645	Sum of GTIs [s]
ontime5	8175.0757804513	Sum of GTIs [s]
ontime6	5763.7551142573	Sum of GTIs [s]
ontime7	8175.1168204546	Sum of GTIs [s]
ontime8	5938.6861066818	Sum of GTIs [s]
ontime9	5569.4210257232	Sum of GTIs [s]
l2events	1117492	Number of level 2 events

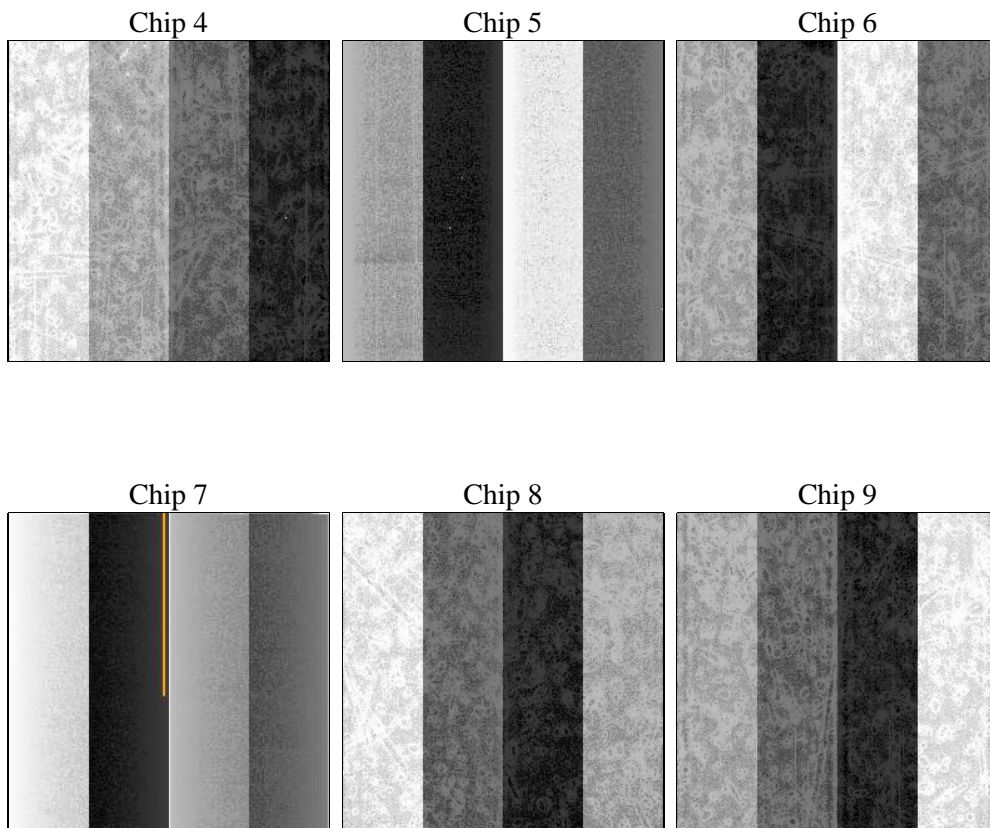
2 OBI

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	8175.1168204546	Sum of GTIs [s]
caldsver	4.5.4	 	ontime4	5284.050216645	Sum of GTIs [s]
date	2012-12-06T14:19:10	Date and time of file creation	ontime5	8175.0757804513	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5763.7551142573	Sum of GTIs [s]
			ontime7	8175.1168204546	Sum of GTIs [s]
			ontime8	5938.6861066818	Sum of GTIs [s]
			ontime9	5569.4210257232	Sum of GTIs [s]
			l1events	1497858	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	195455	303251	225073	319804	240427	213848	grade 0 events	90302	44685	96250	62490	104238	92829
rejected events	44949	66326	47692	55938	52212	48727		46%	14%	42%	19%	43%	43%
rejected %	22%	21%	21%	17%	21%	22%	grade 1 events	788	284	487	158	528	568
								0%	0%	0%	0%	0%	0%
							grade 2 events	22090	95048	32192	58778	32576	27391
								11%	31%	14%	18%	13%	12%
							grade 3 events	10127	12062	10774	26120	12242	10622
								5%	3%	4%	8%	5%	4%
							grade 4 events	10327	11418	10704	25322	12235	10750
								5%	3%	4%	7%	5%	5%
							grade 5 events	2563	9356	2819	9022	3460	2962
								1%	3%	1%	2%	1%	1%
							grade 6 events	19381	76784	29672	94607	29099	25510
								9%	25%	13%	29%	12%	11%
							grade 7 events	39877	53614	42175	43307	46049	43216
								20%	17%	18%	13%	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	0.07612642634472122
[deg] Pointing Dec	0	0.1158376197562785
[deg] Pointing Roll	0.0	113.5393915757523
[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)	207254853.675325	207254852.65032
Observation start date	2004-07-26T18:47:34	2004-07-26T18:47:32
[s] Observation end time (MET)	207266384.925838	207266383.90083
Observation end date	2004-07-26T21:59:45	2004-07-26T21:59:43
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)	2012.12.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1751168204546

A.2 Comments