

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59379 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 30 2012

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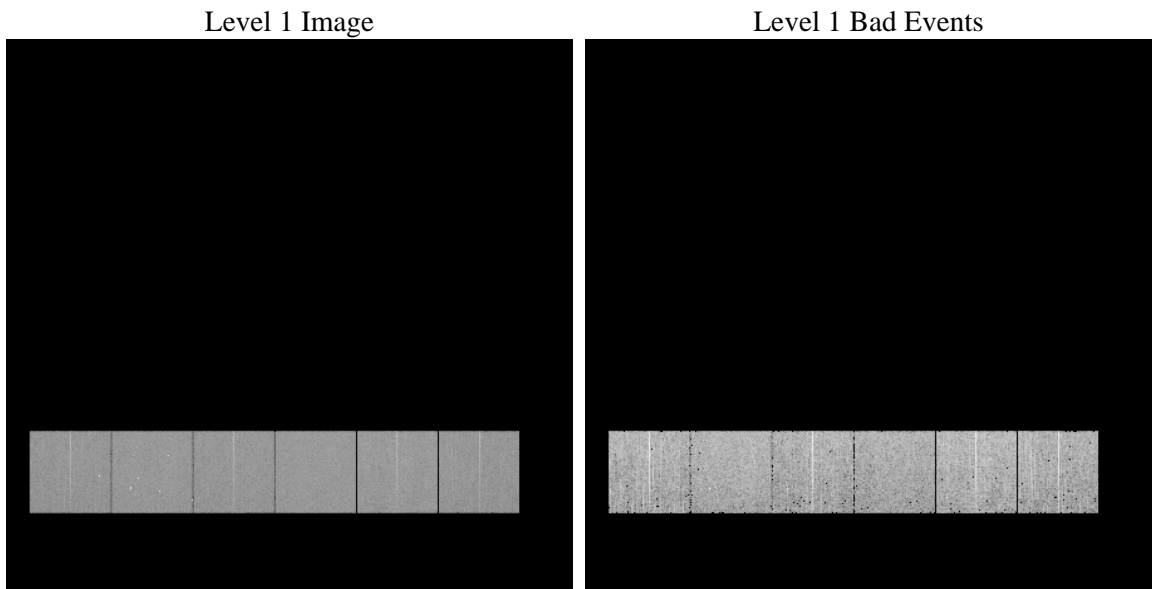
1 Front

seq_num	 	Sequence number
obs_id	59379	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	30.021160958491	Nominal RA [deg]
dec_nom	-17.97963710977	Nominal Dec [deg]
roll_nom	12.536270820476	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4748.6065597236	Sum of GTIs [s]
livetime	4688.4768441968	Livetime [s]
ontime4	4557.2655916214	Sum of GTIs [s]
ontime5	4748.5655197203	Sum of GTIs [s]
ontime6	4641.5712940097	Sum of GTIs [s]
ontime7	4748.6065597236	Sum of GTIs [s]
ontime8	4748.4423997402	Sum of GTIs [s]
ontime9	4609.2855362594	Sum of GTIs [s]
l2events	599470	Number of level 2 events

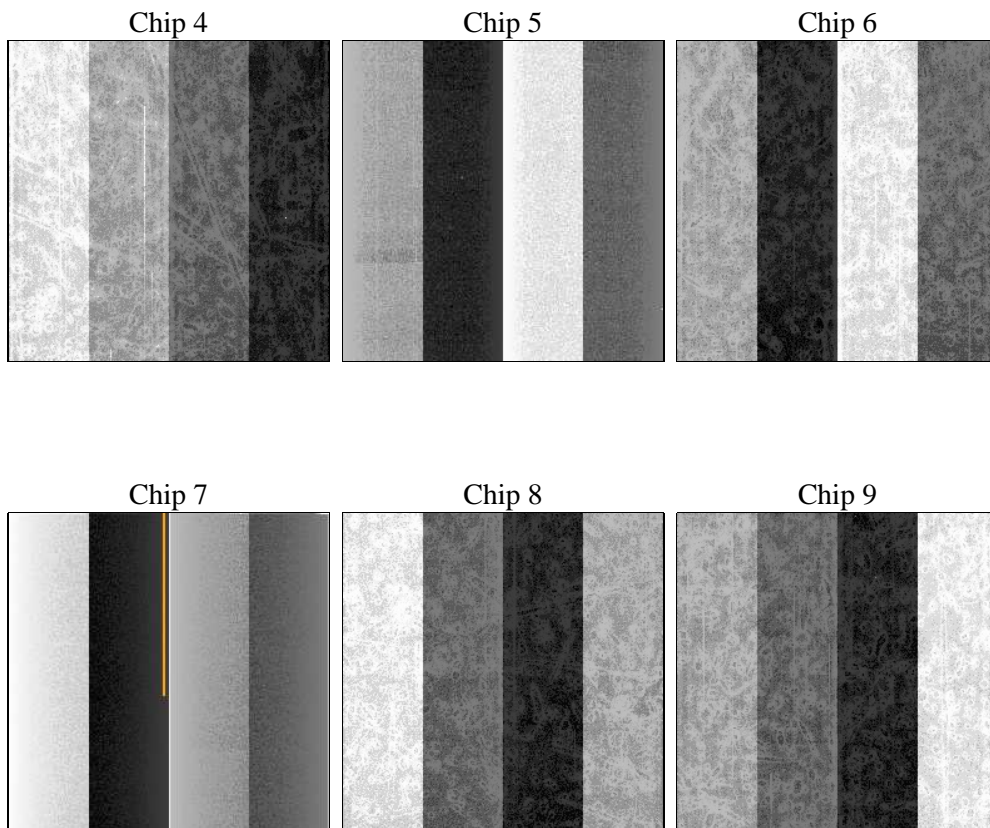
2 OBI

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	8.5.1.1	Processing system revision	ontime	4748.6065597236	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	4557.2655916214	Sum of GTIs [s]
date	2012-12-30T22:10:14	Date and time of file creation	ontime5	4748.5655197203	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	4641.5712940097	Sum of GTIs [s]
			ontime7	4748.6065597236	Sum of GTIs [s]
			ontime8	4748.4423997402	Sum of GTIs [s]
			ontime9	4609.2855362594	Sum of GTIs [s]
			l1events	857666	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	135016	144726	139084	148808	153846	136186	grade 0 events	56601	23008	56727	27306	60024	54899
rejected events	38020	34853	34640	30594	41925	36044		41%	15%	40%	18%	39%	40%
rejected %	28%	24%	24%	20%	27%	26%	grade 1 events	444	156	284	83	349	373
								0%	0%	0%	0%	0%	0%
							grade 2 events	15272	39384	18080	25900	19654	17235
								11%	27%	12%	17%	12%	12%
							grade 3 events	6556	6253	6355	11668	7414	6430
								4%	4%	4%	7%	4%	4%
							grade 4 events	6459	5917	6495	11832	7565	6559
								4%	4%	4%	7%	4%	4%
							grade 5 events	2147	5222	2194	5368	2852	2362
								1%	3%	1%	3%	1%	1%
							grade 6 events	12183	35375	16855	41597	17347	15090
								9%	24%	12%	27%	11%	11%
							grade 7 events	35354	29411	32094	25054	38641	33238
								26%	20%	23%	16%	25%	24%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	30.02116095849128	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-17.97963710977027	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	12.53627082047624			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	246085756.583937	246085755.55894			
Observation start date	2005-10-19T05:09:17	2005-10-19T05:09:15			
[s] Observation end time (MET)	246103554.684756	246103553.65976			
Observation end date	2005-10-19T10:05:55	2005-10-19T10:05:53			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.7486065597236

A.2 Comments