

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59332 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 31 2012

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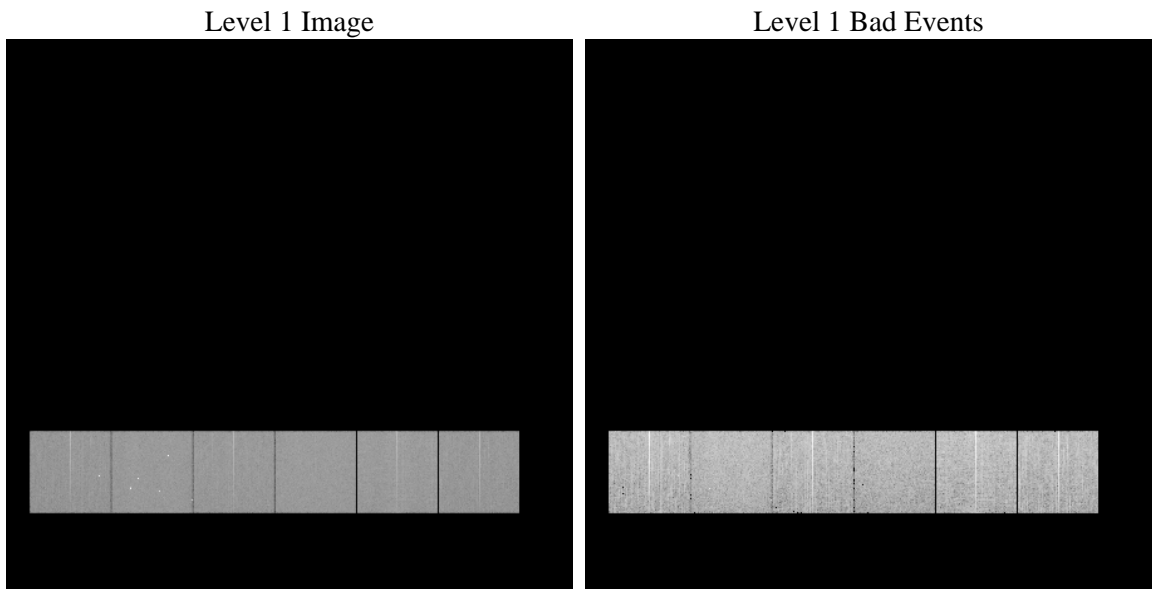
1 Front

seq_num	 	Sequence number
obs_id	59332	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	31.183605242112	Nominal RA [deg]
dec_nom	42.274278387553	Nominal Dec [deg]
roll_nom	212.77331795872	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7795.1999709606	Sum of GTIs [s]
livetime	7696.4924552224	Livetime [s]
ontime4	7148.6159777939	Sum of GTIs [s]
ontime5	7795.1999709606	Sum of GTIs [s]
ontime6	7623.4276842773	Sum of GTIs [s]
ontime7	7795.1999709606	Sum of GTIs [s]
ontime8	7795.1999709606	Sum of GTIs [s]
ontime9	7364.1486209333	Sum of GTIs [s]
l2events	956890	Number of level 2 events

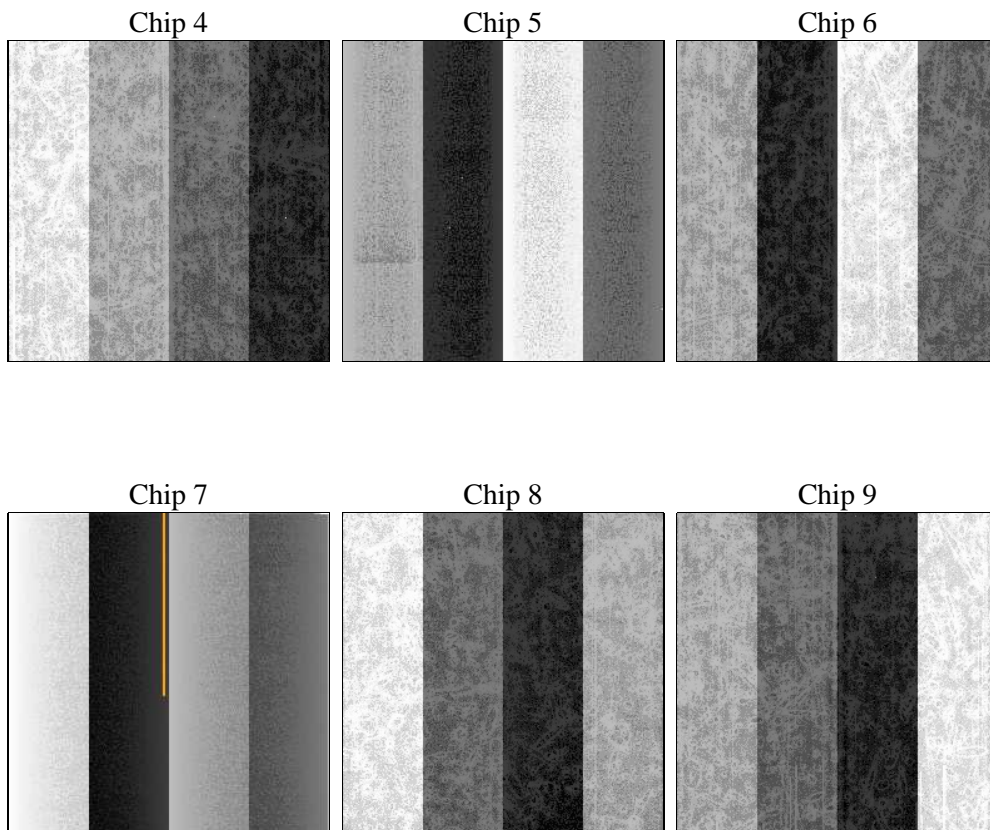
2 OBI

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	7795.1999709606	Sum of GTIs [s]
caldbver	4.5.5	 	ontime4	7148.6159777939	Sum of GTIs [s]
date	2012-12-31T16:52:11	Date and time of file creation	ontime5	7795.1999709606	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7623.4276842773	Sum of GTIs [s]
			ontime7	7795.1999709606	Sum of GTIs [s]
			ontime8	7795.1999709606	Sum of GTIs [s]
			ontime9	7364.1486209333	Sum of GTIs [s]
			l1events	1398314	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	212271	238732	231765	243914	250343	221289	grade 0 events	87675	36274	91739	44102	97524	86959
rejected events	63703	59137	62636	52053	69334	63985		41%	15%	39%	18%	38%	39%
rejected %	30%	24%	27%	21%	27%	28%	grade 1 events	771	322	485	151	530	581
								0%	0%	0%	0%	0%	0%
							grade 2 events	22316	67194	29535	42456	31539	26506
								10%	28%	12%	17%	12%	11%
							grade 3 events	10038	8725	10338	18854	11921	9963
								4%	3%	4%	7%	4%	4%
							grade 4 events	9843	8443	10425	18479	11905	10097
								4%	3%	4%	7%	4%	4%
							grade 5 events	3382	8099	3680	8635	4638	3921
								1%	3%	1%	3%	1%	1%
							grade 6 events	18696	58959	27092	67970	28188	23779
								8%	24%	11%	27%	11%	10%
							grade 7 events	59550	50716	58471	43267	64098	59483
								28%	21%	25%	17%	25%	26%

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	31.18360524211226	Alternating exposures requested	N	N
[deg] Pointing Dec	0	42.27427838755339	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	212.7733179587181			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	248098723.426769	248098722.40176			
Observation start date	2005-11-11T12:18:43	2005-11-11T12:18:42			
[s] Observation end time (MET)	248142273.62878	248142272.60377			
Observation end date	2005-11-12T00:24:34	2005-11-12T00:24:32			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7951999709606

A.2 Comments