

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60004 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 10 2012

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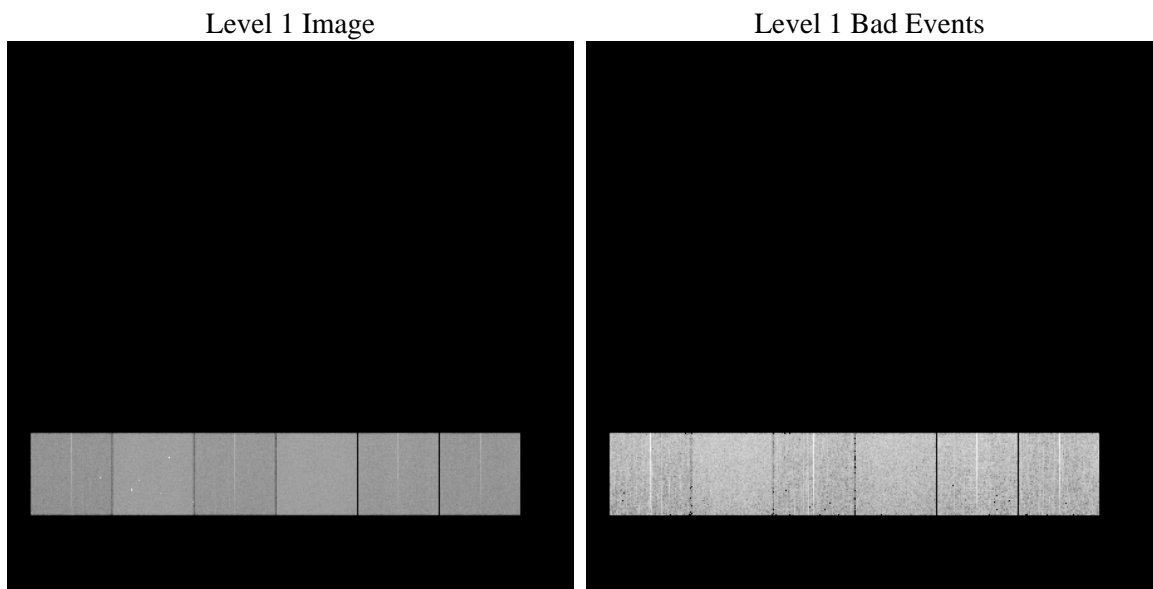
1 Front

seq_num	 	Sequence number
obs_id	60004	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	49.963113804484	Nominal RA [deg]
dec_nom	41.006684375434	Nominal Dec [deg]
roll_nom	133.70854584203	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7797.8700285852	Sum of GTIs [s]
livetime	7699.1287029696	Livetime [s]
ontime4	5318.4225235581	Sum of GTIs [s]
ontime5	7797.8576439917	Sum of GTIs [s]
ontime6	5892.1190061867	Sum of GTIs [s]
ontime7	7797.8700285852	Sum of GTIs [s]
ontime8	6073.5320417881	Sum of GTIs [s]
ontime9	5642.6161715388	Sum of GTIs [s]
l2events	1049068	Number of level 2 events

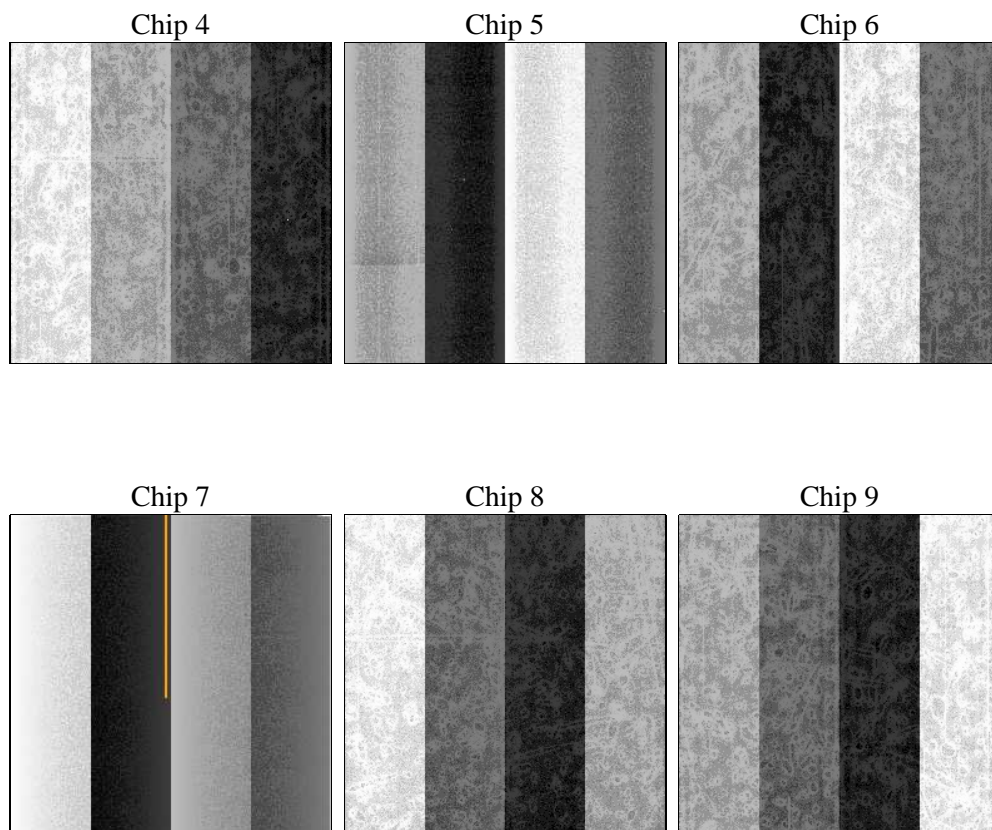
2 OBI

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	Processing system revision	ontime	7797.8700285852	Sum of GTIs [s]
caldsver	4.5.4	 	ontime4	5318.4225235581	Sum of GTIs [s]
date	2012-12-10T10:51:33	Date and time of file creation	ontime5	7797.8576439917	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5892.1190061867	Sum of GTIs [s]
			ontime7	7797.8700285852	Sum of GTIs [s]
			ontime8	6073.5320417881	Sum of GTIs [s]
			ontime9	5642.6161715388	Sum of GTIs [s]
			l1events	1411547	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	189339	276764	216656	291204	233969	203615	grade 0 events	83460	52197	92700	58035	97832	86236
rejected events	45707	55761	46026	49938	53109	46151		44%	18%	42%	19%	41%	42%
rejected %	24%	20%	21%	17%	22%	22%	grade 1 events	716	309	559	193	584	528
								0%	0%	0%	0%	0%	0%
							grade 2 events	22906	76536	29381	53062	31910	26858
								12%	27%	13%	18%	13%	13%
							grade 3 events	9728	13430	10764	24258	11929	10125
								5%	4%	4%	8%	5%	4%
							grade 4 events	9540	13191	10751	23977	11798	10246
								5%	4%	4%	8%	5%	5%
							grade 5 events	2595	9108	3046	9089	3644	3036
								1%	3%	1%	3%	1%	1%
							grade 6 events	17998	65649	27034	81934	27391	23999
								9%	23%	12%	28%	11%	11%
							grade 7 events	42396	46344	42421	40656	48881	42587
								22%	16%	19%	13%	20%	20%

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	49.96311380448421	Alternating exposures requested	N	N
[deg] Pointing Dec	0	41.00668437543401	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	133.7085458420275			
[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)	214291550.739089	214291549.71408			
Observation start date	2004-10-16T05:25:51	2004-10-16T05:25:49			
[s] Observation end time (MET)	214306985.189779	214306984.16477			
Observation end date	2004-10-16T09:43:05	2004-10-16T09:43:04			
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)	2013.01.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7978700285852

A.2 Comments