

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61381 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 29 2012

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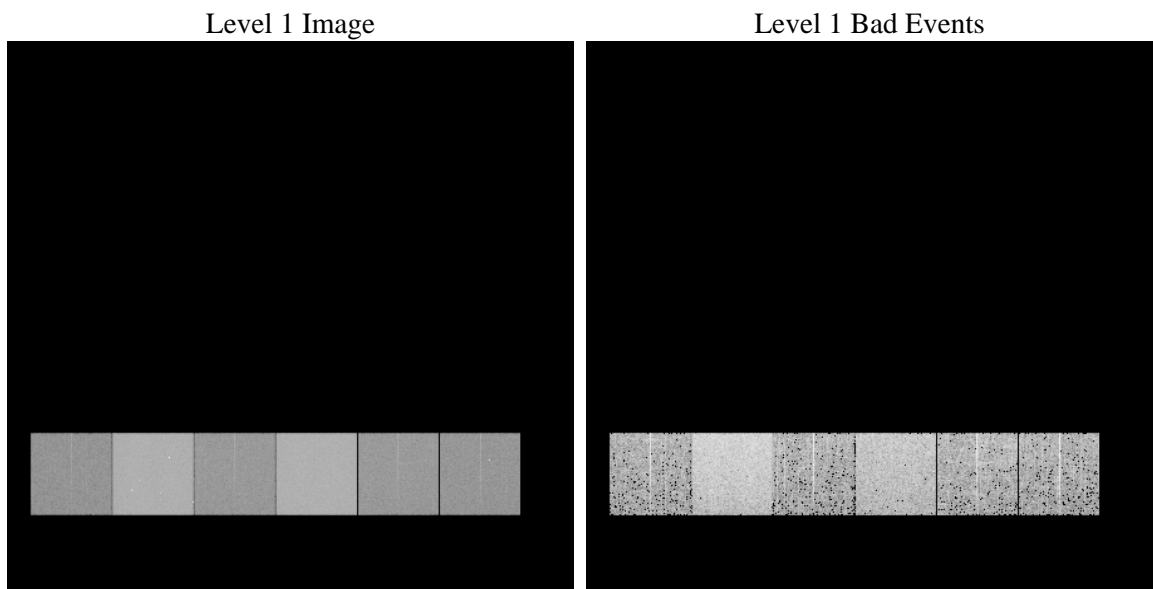
1 Front

seq_num	 	Sequence number
obs_id	61381	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	351.38102904572	Nominal RA [deg]
dec_nom	-12.17137331556	Nominal Dec [deg]
roll_nom	292.36131624305	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6180.1740983725	Sum of GTIs [s]
livetime	6101.9170126848	Livetime [s]
ontime4	2333.475290224	Sum of GTIs [s]
ontime5	6617.703394115	Sum of GTIs [s]
ontime6	2602.124144271	Sum of GTIs [s]
ontime7	6180.1740983725	Sum of GTIs [s]
ontime8	2631.6912819147	Sum of GTIs [s]
ontime9	2449.9881911278	Sum of GTIs [s]
l2events	1213111	Number of level 2 events

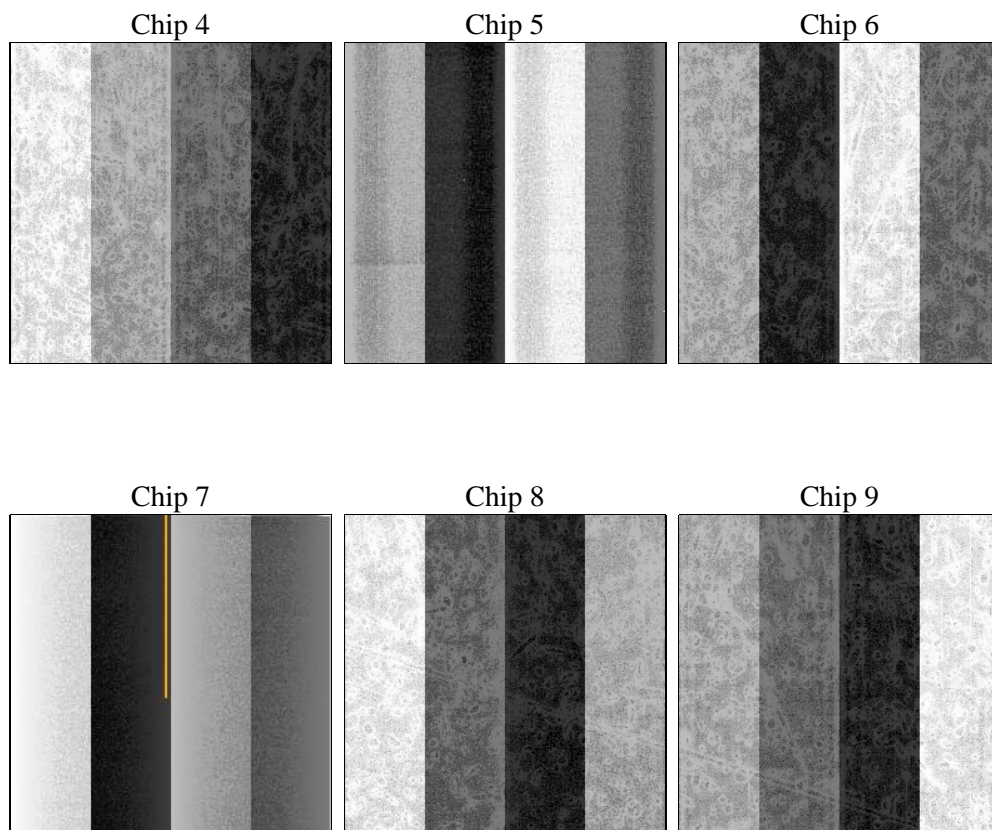
2 OBI

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	6180.1740983725	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	2333.475290224	Sum of GTIs [s]
date	2012-09-29T11:16:27	Date and time of file creation	ontime5	6617.703394115	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2602.124144271	Sum of GTIs [s]
			ontime7	6180.1740983725	Sum of GTIs [s]
			ontime8	2631.6912819147	Sum of GTIs [s]
			ontime9	2449.9881911278	Sum of GTIs [s]
			l1events	1423835	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	144811	383081	172556	390075	175957	157355	grade 0 events	71457	85022	83605	90864	85213	75483
rejected events	18717	45321	19445	32194	21632	19048		49%	22%	48%	23%	48%	47%
rejected %	12%	11%	11%	8%	12%	12%	grade 1 events	389	351	389	210	397	393
								0%	0%	0%	0%	0%	0%
							grade 2 events	22125	118643	26492	79575	27101	25114
								15%	30%	15%	20%	15%	15%
							grade 3 events	7810	21879	9386	36447	9573	8347
								5%	5%	5%	9%	5%	5%
							grade 4 events	7754	21717	9431	36187	9775	8542
								5%	5%	5%	9%	5%	5%
							grade 5 events	1189	8558	1514	6637	1633	1387
								0%	2%	0%	1%	0%	0%
							grade 6 events	16948	90499	24197	114808	22663	20821
								11%	23%	14%	29%	12%	13%
							grade 7 events	17139	36412	17542	25347	19602	17268
								11%	9%	10%	6%	11%	10%

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	351.3810290457227	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-12.17137331556021	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	292.361316243048			
[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)	124961982.842	124961982.07347			
Observation start date	2001-12-17T07:39:43	2001-12-17T07:39:42			
[s] Observation end time (MET)	124973969.192	124973968.42395			
Observation end date	2001-12-17T10:59:29	2001-12-17T10:59:28			
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)	2012.10.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.1801740983725

A.2 Comments