

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61007 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 15 2012

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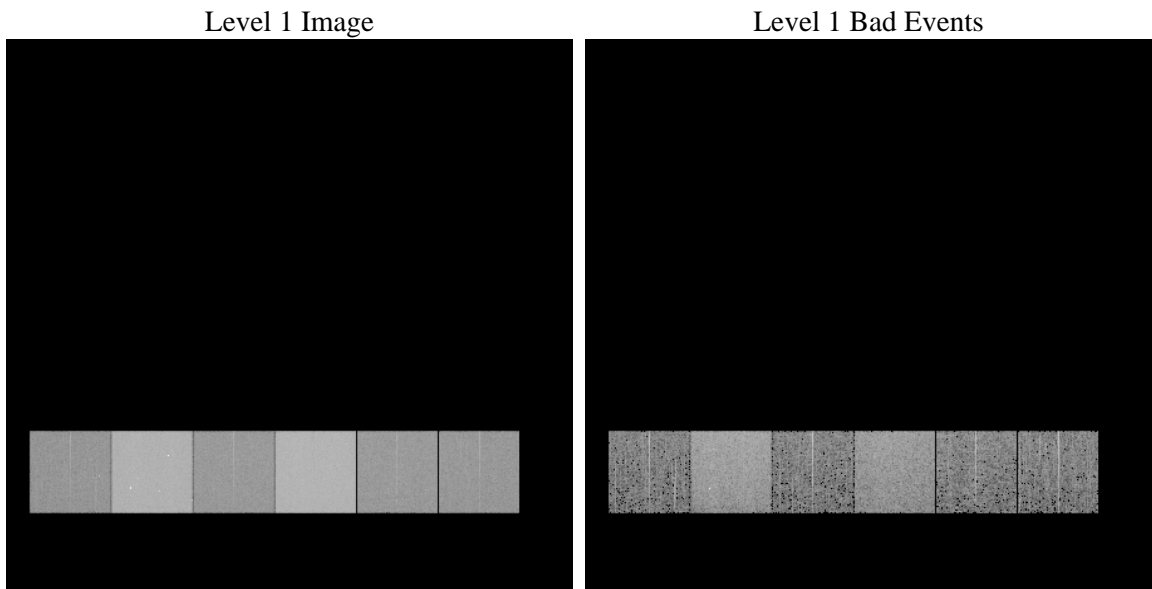
1 Front

seq_num	 	Sequence number
obs_id	61007	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	341.27136257224	Nominal RA [deg]
dec_nom	26.605857711188	Nominal Dec [deg]
roll_nom	239.61593556126	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7759.4822556674	Sum of GTIs [s]
livetime	7661.2270191469	Livetime [s]
ontime4	2754.8806349933	Sum of GTIs [s]
ontime5	7788.6099280417	Sum of GTIs [s]
ontime6	3014.6045630574	Sum of GTIs [s]
ontime7	7759.4822556674	Sum of GTIs [s]
ontime8	3010.9216784239	Sum of GTIs [s]
ontime9	2894.2450554073	Sum of GTIs [s]
l2events	1196160	Number of level 2 events

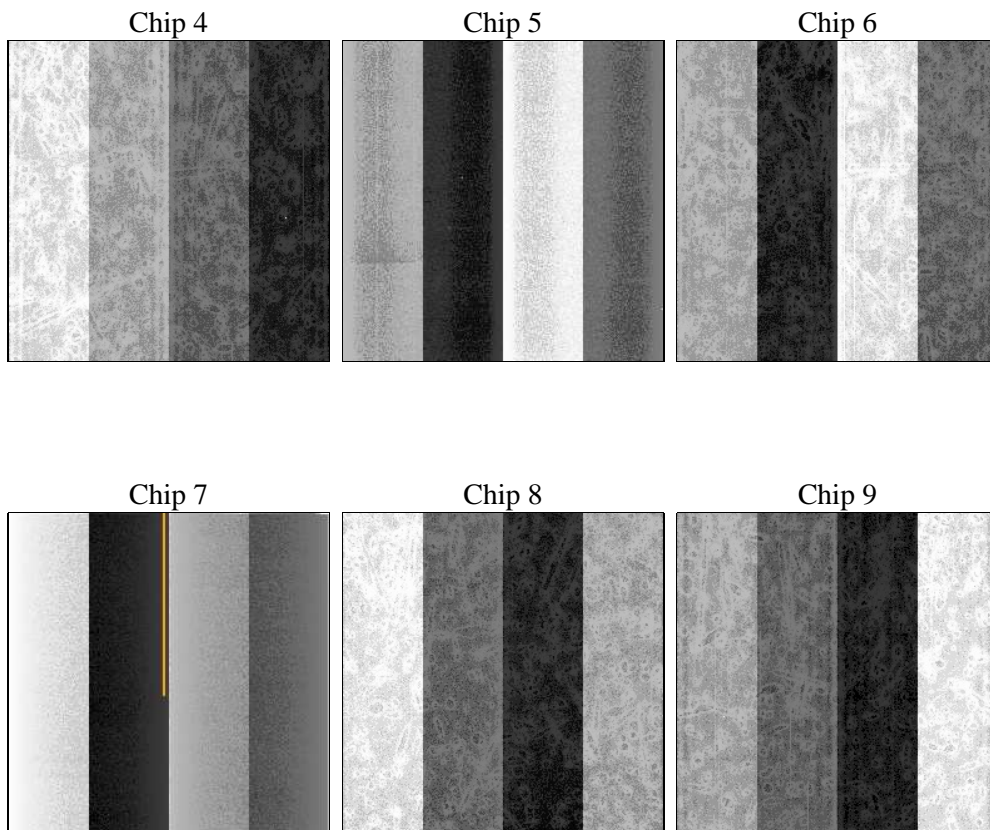
2 OBI

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	7759.4822556674	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	2754.8806349933	Sum of GTIs [s]
date	2012-10-15T12:58:30	Date and time of file creation	ontime5	7788.6099280417	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3014.6045630574	Sum of GTIs [s]
			ontime7	7759.4822556674	Sum of GTIs [s]
			ontime8	3010.9216784239	Sum of GTIs [s]
			ontime9	2894.2450554073	Sum of GTIs [s]
			l1events	1433879	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	143910	383199	166150	415390	168821	156409	grade 0 events	71220	79284	79042	94397	79883	74296
rejected events	21620	53398	21714	42155	23426	22531		49%	20%	47%	22%	47%	47%
rejected %	15%	13%	13%	10%	13%	14%	grade 1 events	504	256	383	248	436	447
								0%	0%	0%	0%	0%	0%
							grade 2 events	19549	117807	25200	82512	25556	22603
								13%	30%	15%	19%	15%	14%
							grade 3 events	8116	20803	9091	38062	9204	8646
								5%	5%	5%	9%	5%	5%
							grade 4 events	7974	20812	8881	37702	9358	8517
								5%	5%	5%	9%	5%	5%
							grade 5 events	1406	9582	1649	8130	1733	1564
								0%	2%	0%	1%	1%	0%
							grade 6 events	15483	91255	22367	120719	21394	19816
								10%	23%	13%	29%	12%	12%
							grade 7 events	19658	43400	19537	33620	21257	20520
								13%	11%	11%	8%	12%	13%

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	341.2713625722361	Alternating exposures requested	N	N
[deg] Pointing Dec	0	26.60585771118804	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	239.6159355612643			
[mm] SIM focus pos	-0.684267	-1.428180813131781			
[mm] SIM defocus	0	0.1051558262725154			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	150317261.531913	150317260.5072			
Observation start date	2002-10-06T18:47:42	2002-10-06T18:47:40			
[s] Observation end time (MET)	150355293.133488	150355292.10877			
Observation end date	2002-10-07T05:21:33	2002-10-07T05:21:32			
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)	2012.10.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7594822556674

A.2 Comments