

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60969 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 17 2012

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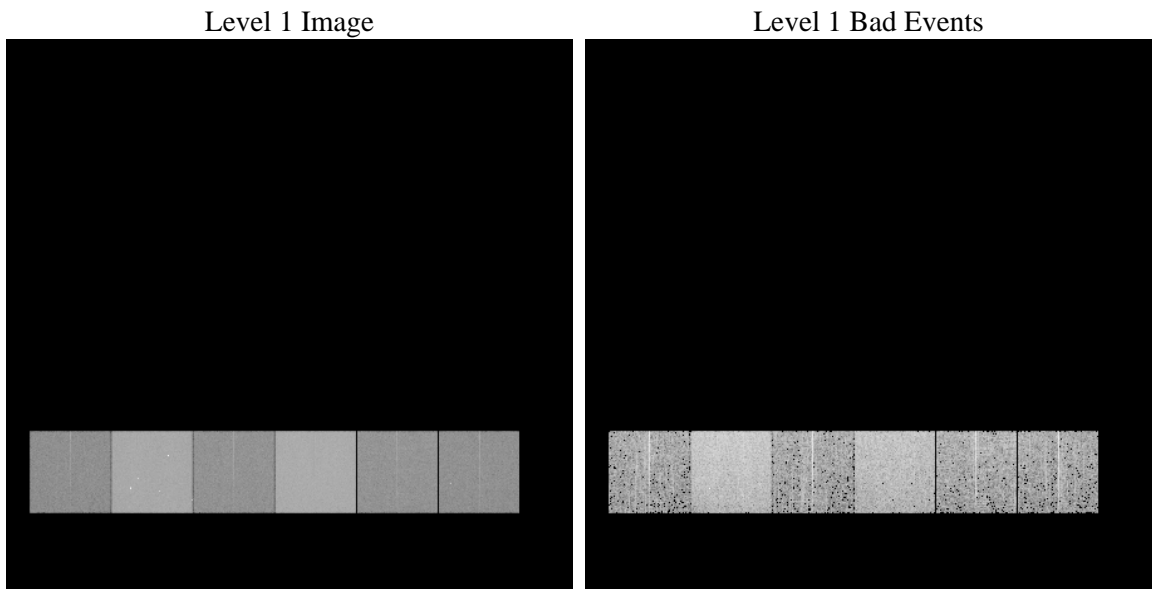
1 Front

seq_num	 	Sequence number
obs_id	60969	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	283.01885785959	Nominal RA [deg]
dec_nom	-25.022945339898	Nominal Dec [deg]
roll_nom	273.85860659877	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7790.750654161	Sum of GTIs [s]
livetime	7692.0994783511	Livetime [s]
ontime4	2841.6560163498	Sum of GTIs [s]
ontime5	7790.7096141577	Sum of GTIs [s]
ontime6	3117.183950752	Sum of GTIs [s]
ontime7	7790.750654161	Sum of GTIs [s]
ontime8	3217.5738708377	Sum of GTIs [s]
ontime9	2997.3892090321	Sum of GTIs [s]
l2events	1198035	Number of level 2 events

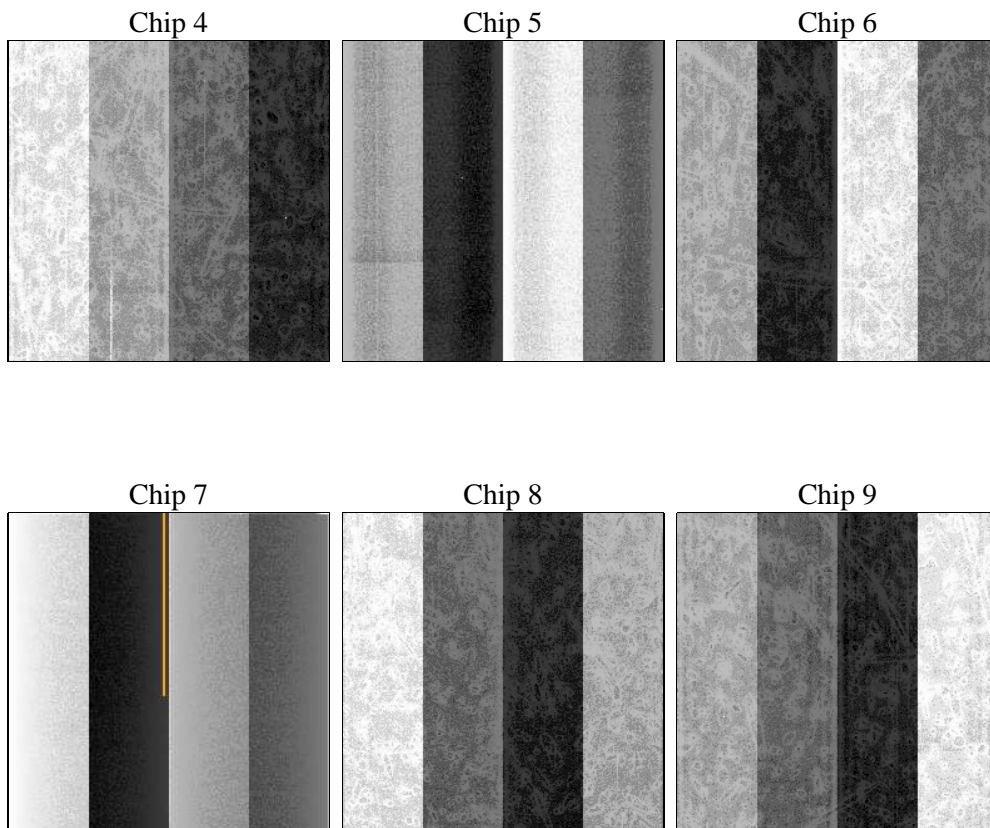
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7790.750654161	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	2841.6560163498	Sum of GTIs [s]
date	2012-10-17T10:00:58	Date and time of file creation	ontime5	7790.7096141577	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3117.183950752	Sum of GTIs [s]
			ontime7	7790.750654161	Sum of GTIs [s]
			ontime8	3217.5738708377	Sum of GTIs [s]
			ontime9	2997.3892090321	Sum of GTIs [s]
			l1events	1430639	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	145731	374594	169299	406811	177386	156818	grade 0 events	72217	82936	80799	92760	84683	74791
rejected events	20897	49002	21780	39599	23896	20967		49%	22%	47%	22%	47%	47%
rejected %	14%	13%	12%	9%	13%	13%	grade 1 events	519	346	408	249	431	415
								0%	0%	0%	0%	0%	0%
							grade 2 events	20160	112194	25463	81040	26564	23322
								13%	29%	15%	19%	14%	14%
							grade 3 events	8173	21116	8931	37228	9872	8684
								5%	5%	5%	9%	5%	5%
							grade 4 events	8209	21299	9148	37066	9800	8634
								5%	5%	5%	9%	5%	5%
							grade 5 events	1373	8929	1519	7835	1801	1582
								0%	2%	0%	1%	1%	1%
							grade 6 events	16075	88047	23178	119118	22571	20420
								11%	23%	13%	29%	12%	13%
							grade 7 events	19005	39727	19853	31515	21664	18970
								13%	10%	11%	7%	12%	12%

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	283.0188578595932	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-25.02294533989796	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	273.8586065987724			
[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)	153062221.895878	153062220.87117			
Observation start date	2002-11-07T13:17:02	2002-11-07T13:17:00			
[s] Observation end time (MET)	153099177.247415	153099176.2227			
Observation end date	2002-11-07T23:32:57	2002-11-07T23:32:56			
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)	2012.10.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.790750654161

A.2 Comments