

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60970 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 17 2012

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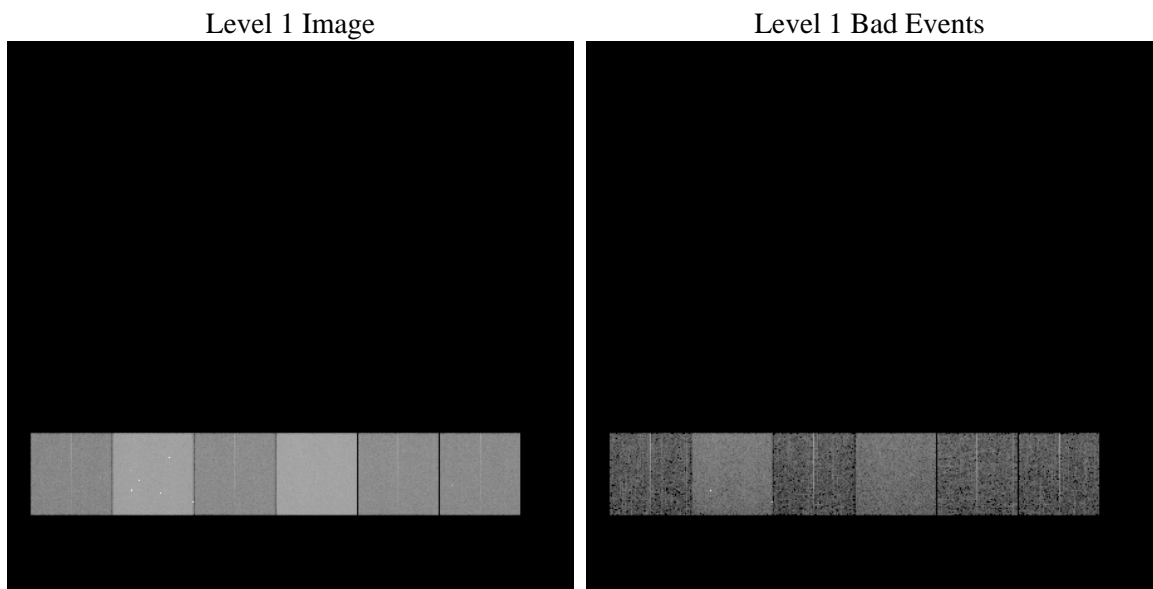
1 Front

seq_num	 	Sequence number
obs_id	60970	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	99.954974679305	Nominal RA [deg]
dec_nom	60.017666712604	Nominal Dec [deg]
roll_nom	109.02253168165	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8462.8423736095	Sum of GTIs [s]
livetime	8355.680767763	Livetime [s]
ontime4	3085.9268208742	Sum of GTIs [s]
ontime5	8462.8013336062	Sum of GTIs [s]
ontime6	3441.9787524641	Sum of GTIs [s]
ontime7	8462.8423736095	Sum of GTIs [s]
ontime8	3481.2911157906	Sum of GTIs [s]
ontime9	3328.542791307	Sum of GTIs [s]
l2events	1288499	Number of level 2 events

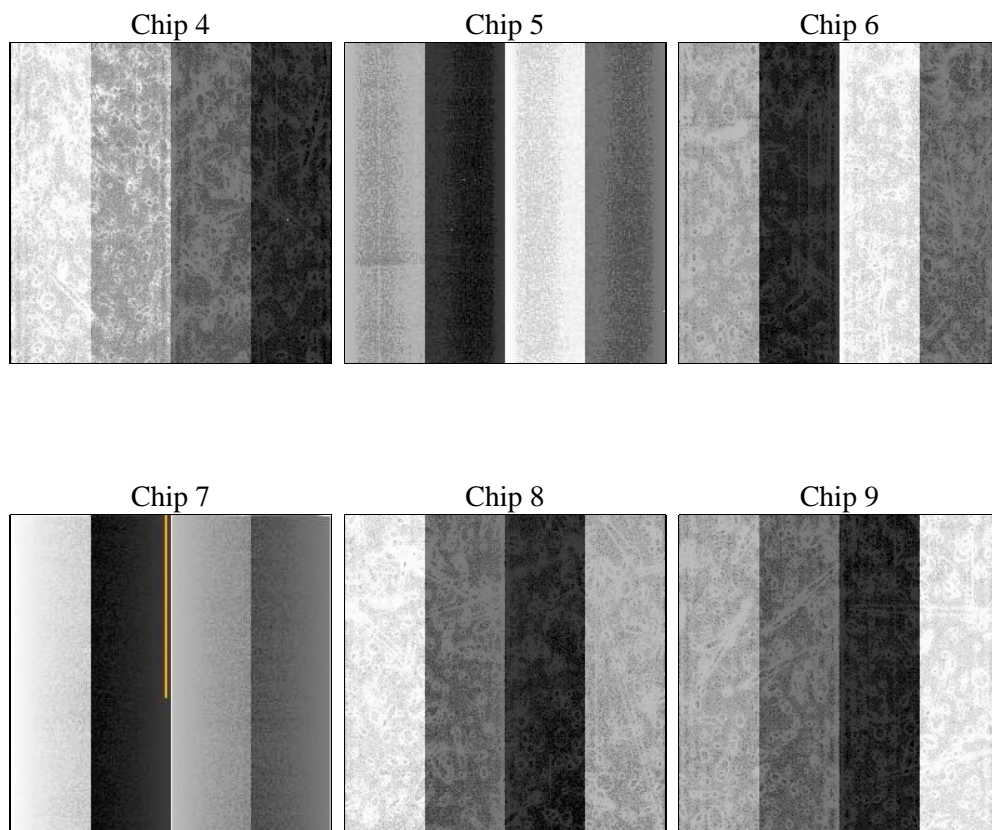
2 OBI

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	8462.8423736095	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	3085.9268208742	Sum of GTIs [s]
date	2012-10-17T06:37:19	Date and time of file creation	ontime5	8462.8013336062	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3441.9787524641	Sum of GTIs [s]
			ontime7	8462.8423736095	Sum of GTIs [s]
			ontime8	3481.2911157906	Sum of GTIs [s]
			ontime9	3328.542791307	Sum of GTIs [s]
			l1events	1549312	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	157278	408647	183585	437269	189705	172828	grade 0 events	78328	79336	88015	98991	90939	83274
rejected events	23356	58784	22455	42601	25520	22532		49%	19%	47%	22%	47%	48%
rejected %	14%	14%	12%	9%	13%	13%	grade 1 events	542	432	423	272	500	433
								0%	0%	0%	0%	0%	0%
							grade 2 events	20945	131538	27718	87276	28448	25796
								13%	32%	15%	19%	14%	14%
							grade 3 events	8987	19703	10023	39841	10585	9507
								5%	4%	5%	9%	5%	5%
							grade 4 events	8879	19262	10066	39233	10343	9380
								5%	4%	5%	8%	5%	5%
							grade 5 events	1497	10645	1675	8256	2049	1802
								0%	2%	0%	1%	1%	1%
							grade 6 events	16925	100140	25308	129478	24012	22339
								10%	24%	13%	29%	12%	12%
							grade 7 events	21175	47591	20357	33922	22829	20297
								13%	11%	11%	7%	12%	11%

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	99.95497467930474	Alternating exposures requested	N	N
[deg] Pointing Dec	0	60.01766671260403	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	109.0225316816505			
[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)	152866711.337747	152866710.31304			
Observation start date	2002-11-05T06:58:31	2002-11-05T06:58:30			
[s] Observation end time (MET)	152888812.388666	152888811.36395			
Observation end date	2002-11-05T13:06:52	2002-11-05T13:06:51			
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	8.4628423736095

A.2 Comments