

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61600 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 17 2012

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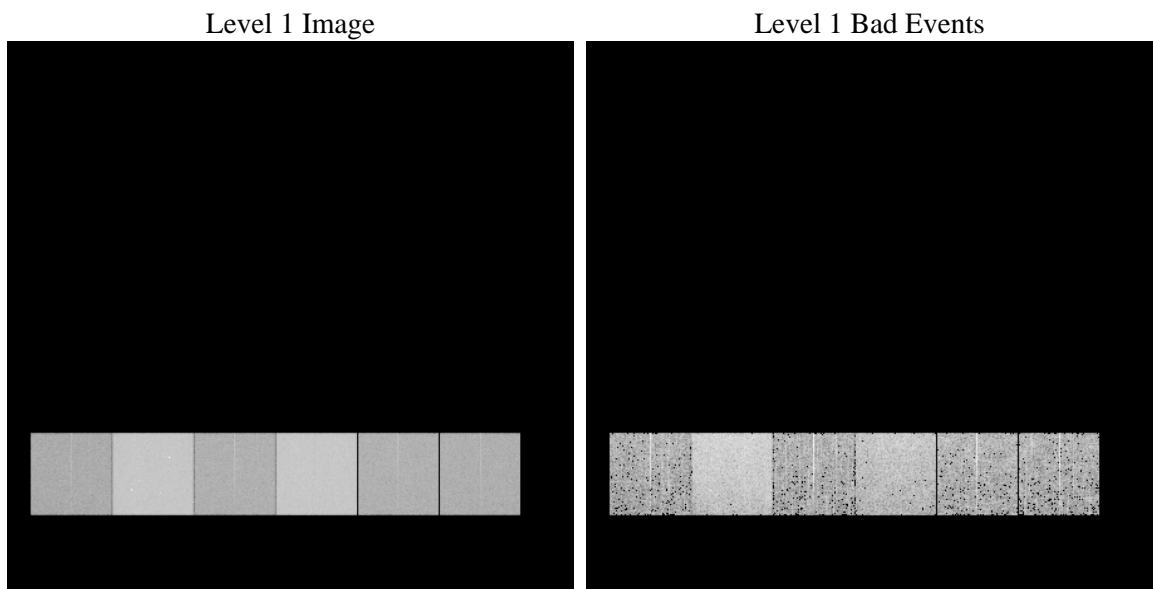
1 Front

seq_num	 	Sequence number
obs_id	61600	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	89.981090075802	Nominal RA [deg]
dec_nom	-25.022972106918	Nominal Dec [deg]
roll_nom	200.56446954139	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5950.2636069655	Sum of GTIs [s]
livetime	5874.9177863555	Livetime [s]
ontime4	2229.8333704472	Sum of GTIs [s]
ontime5	6394.233221367	Sum of GTIs [s]
ontime6	2515.0445108265	Sum of GTIs [s]
ontime7	5950.2636069655	Sum of GTIs [s]
ontime8	2553.9370704591	Sum of GTIs [s]
ontime9	2456.7059006691	Sum of GTIs [s]
l2events	1334441	Number of level 2 events

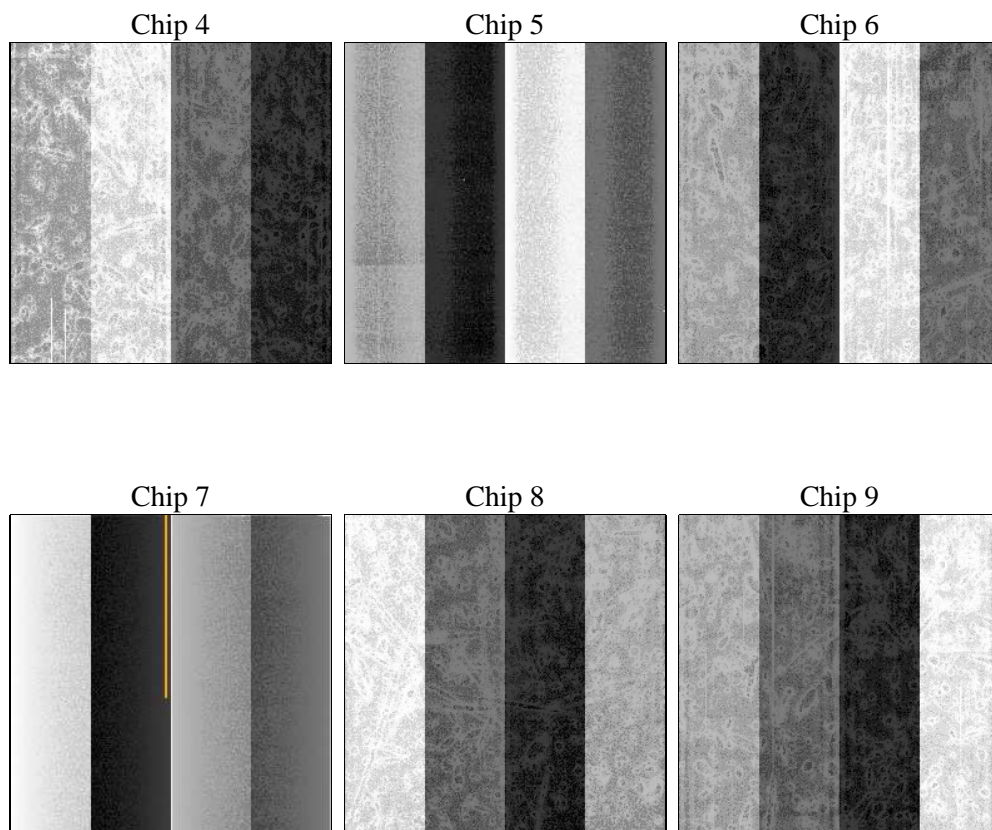
2 OBI

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	5950.2636069655	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	2229.8333704472	Sum of GTIs [s]
date	2012-09-17T20:59:55	Date and time of file creation	ontime5	6394.233221367	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2515.0445108265	Sum of GTIs [s]
			ontime7	5950.2636069655	Sum of GTIs [s]
			ontime8	2553.9370704591	Sum of GTIs [s]
			ontime9	2456.7059006691	Sum of GTIs [s]
			l1events	1550802	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	156758	411662	187971	424597	192002	177812	grade 0 events	78238	88853	91424	99781	94091	86618
rejected events	18841	46466	20199	31954	21480	19670		49%	21%	48%	23%	49%	48%
rejected %	12%	11%	10%	7%	11%	11%	grade 1 events	449	253	488	262	502	423
								0%	0%	0%	0%	0%	0%
							grade 2 events	24411	130495	29065	86273	30078	27948
								15%	31%	15%	20%	15%	15%
							grade 3 events	8458	23417	10270	40114	10802	9758
								5%	5%	5%	9%	5%	5%
							grade 4 events	8326	23320	10427	39473	10804	9844
								5%	5%	5%	9%	5%	5%
							grade 5 events	1314	9039	1559	6656	1616	1438
								0%	2%	0%	1%	0%	0%
							grade 6 events	18484	99111	26586	127002	24747	23974
								11%	24%	14%	29%	12%	13%
							grade 7 events	17078	37174	18152	25036	19362	17809
								10%	9%	9%	5%	10%	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	89.98109007580183	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-25.02297210691766	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	200.5644695413873			
[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)	108082606.075	108082605.30643			
Observation start date	2001-06-04T22:56:46	2001-06-04T22:56:45			
[s] Observation end time (MET)	108105014.626	108105013.8573			
Observation end date	2001-06-05T05:10:15	2001-06-05T05:10:13			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.9502636069655

A.2 Comments