

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61820 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 5 2012

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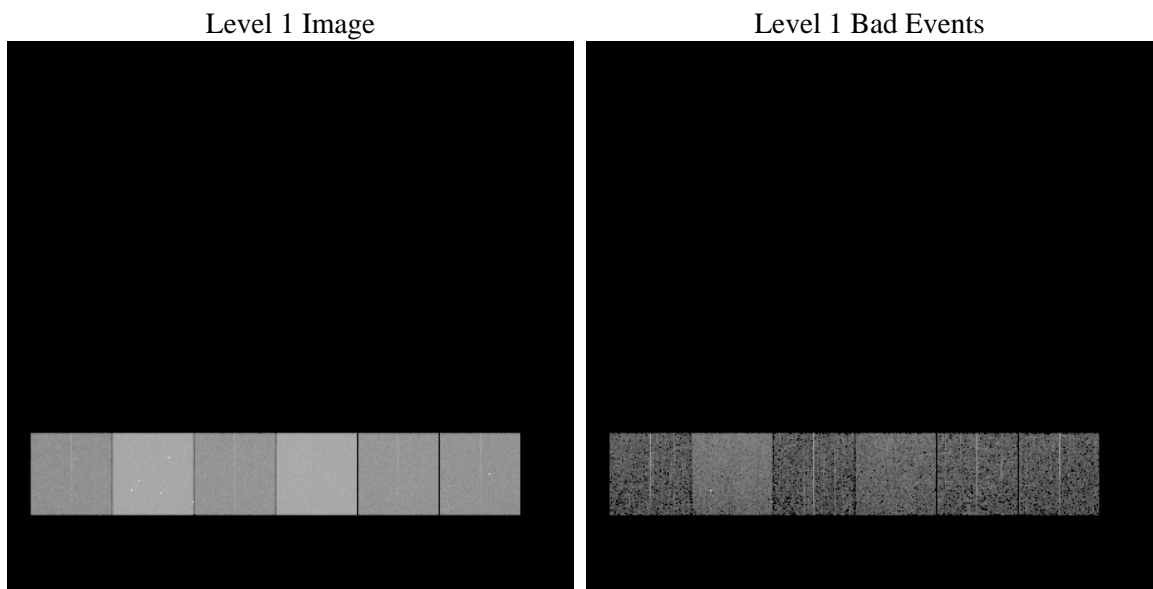
1 Front

seq_num	 	Sequence number
obs_id	61820	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	24.423993531394	Nominal RA [deg]
dec_nom	5.0544277628118	Nominal Dec [deg]
roll_nom	294.2896128256	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4725.410862416	Sum of GTIs [s]
livetime	4665.5748647753	Livetime [s]
ontime4	1970.5506504625	Sum of GTIs [s]
ontime5	5060.9506159574	Sum of GTIs [s]
ontime6	2161.7718803585	Sum of GTIs [s]
ontime7	4725.410862416	Sum of GTIs [s]
ontime8	2199.0194926113	Sum of GTIs [s]
ontime9	2113.1563303173	Sum of GTIs [s]
l2events	1244150	Number of level 2 events

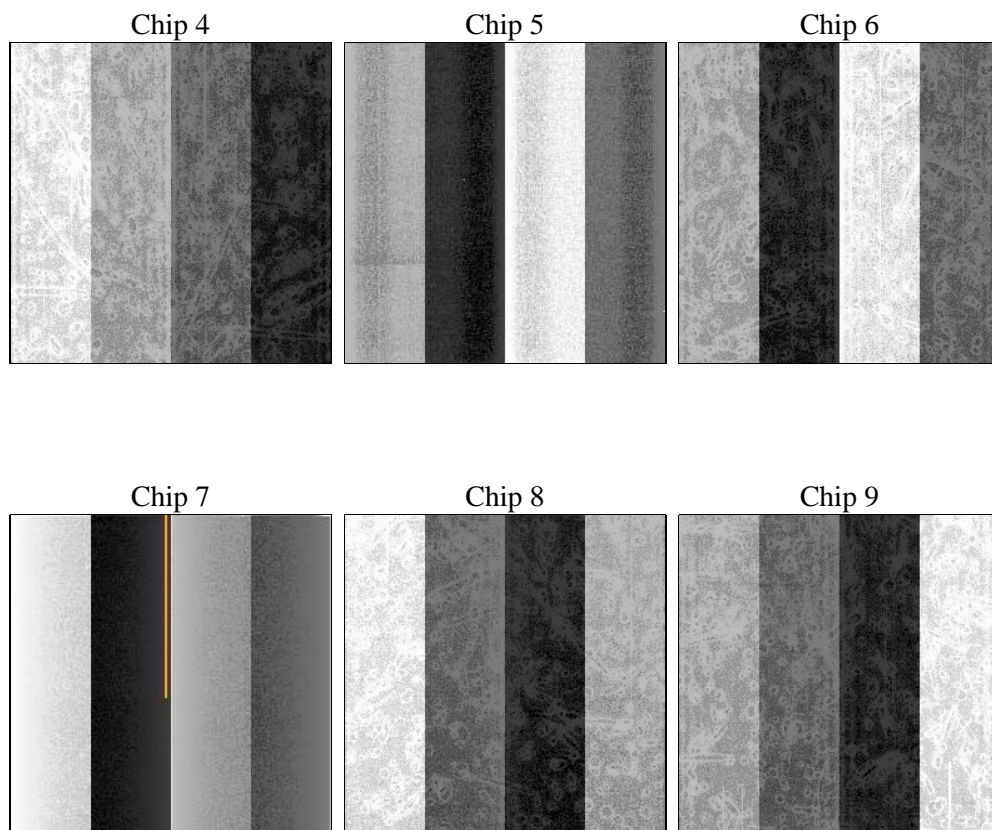
2 OBI

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	4725.410862416	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	1970.5506504625	Sum of GTIs [s]
date	2012-09-05T03:08:15	Date and time of file creation	ontime5	5060.9506159574	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	2161.7718803585	Sum of GTIs [s]
			ontime7	4725.410862416	Sum of GTIs [s]
			ontime8	2199.0194926113	Sum of GTIs [s]
			ontime9	2113.1563303173	Sum of GTIs [s]
			l1events	1433322	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	155172	365646	181351	375232	184282	171639	grade 0 events	78334	84117	90196	90538	91716	85084
rejected events	16836	37326	16823	23999	18659	15853		50%	23%	49%	24%	49%	49%
rejected %	10%	10%	9%	6%	10%	9%	grade 1 events	445	424	411	226	452	430
								0%	0%	0%	0%	0%	0%
							grade 2 events	24279	114801	28448	77700	29172	28349
								15%	31%	15%	20%	15%	16%
							grade 3 events	8629	21611	10083	35969	10536	9604
								5%	5%	5%	9%	5%	5%
							grade 4 events	8434	21377	10084	35398	10229	9565
								5%	5%	5%	9%	5%	5%
							grade 5 events	1203	7877	1351	5146	1412	1294
								0%	2%	0%	1%	0%	0%
							grade 6 events	18660	86414	25717	111628	24215	23184
								12%	23%	14%	29%	13%	13%
							grade 7 events	15188	29025	15061	18627	16550	14129
								9%	7%	8%	4%	8%	8%

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	24.42399353139382	Alternating exposures requested	N	N
[deg] Pointing Dec	0	5.054427762811802	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	294.2896128255997			
[mm] SIM focus pos	-0.684267	-1.038866356238299			
[mm] SIM defocus	0	0.4944702831659975			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	93201130.7	93201129.931629			
Observation start date	2000-12-14T17:12:11	2000-12-14T17:12:09			
[s] Observation end time (MET)	93211370.45	93211369.68201999			
Observation end date	2000-12-14T20:02:50	2000-12-14T20:02:49			
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)	2012.09.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.725410862416

A.2 Comments