

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62028 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 29 2012

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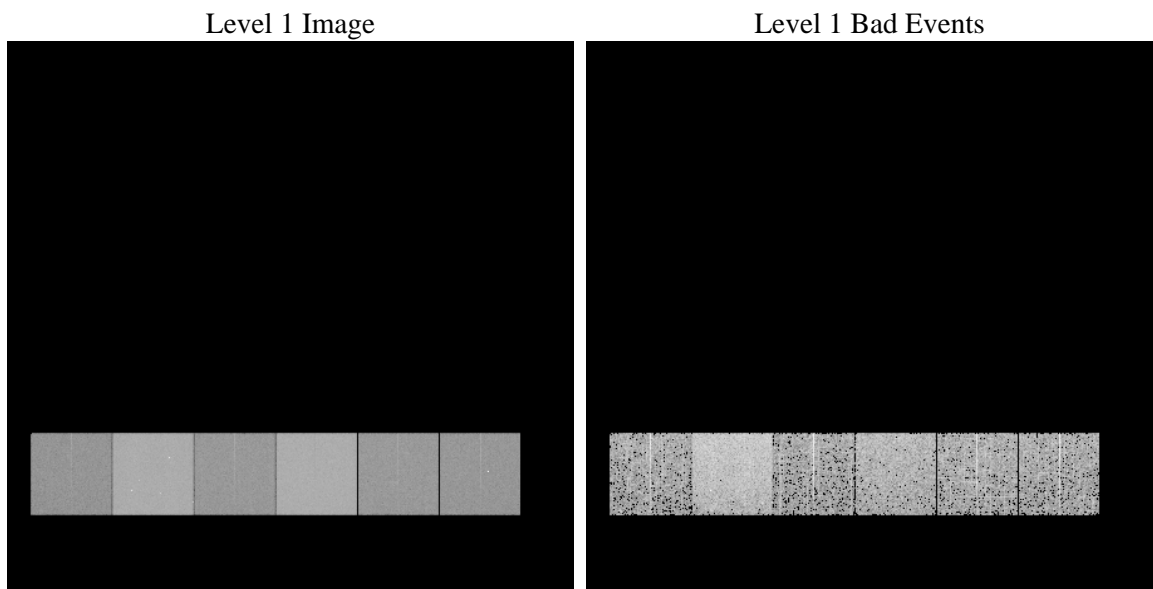
1 Front

seq_num	 	Sequence number
obs_id	62028	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	274.12214394376	Nominal RA [deg]
dec_nom	72.129994523665	Nominal Dec [deg]
roll_nom	168.17013591913	Nominal Roll [deg]
revision	5	Processing version of data
ontime	4082.0973128825	Sum of GTIs [s]
livetime	4030.4073387629	Livetime [s]
ontime4	1738.9626178145	Sum of GTIs [s]
ontime5	4390.4657335728	Sum of GTIs [s]
ontime6	1891.2502878904	Sum of GTIs [s]
ontime7	4082.0973128825	Sum of GTIs [s]
ontime8	1920.5017577261	Sum of GTIs [s]
ontime9	1826.8223931342	Sum of GTIs [s]
l2events	1233012	Number of level 2 events

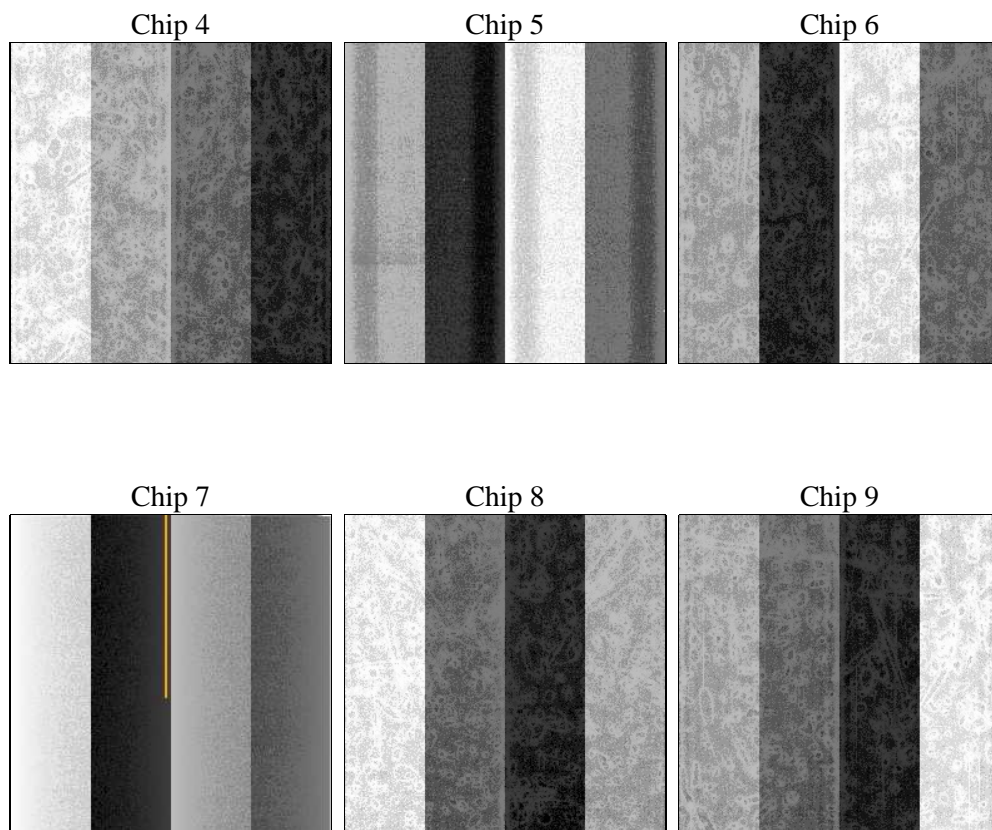
2 OBI

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	4082.0973128825	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	1738.9626178145	Sum of GTIs [s]
date	2012-08-29T06:29:54	Date and time of file creation	ontime5	4390.4657335728	Sum of GTIs [s]
revision	5	Processing version of data	ontime6	1891.2502878904	Sum of GTIs [s]
			ontime7	4082.0973128825	Sum of GTIs [s]
			ontime8	1920.5017577261	Sum of GTIs [s]
			ontime9	1826.8223931342	Sum of GTIs [s]
			l1events	1404071	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	153992	354152	178170	364967	183179	169611	grade 0 events	78329	85118	89500	89600	91631	84881
rejected events	15712	31386	15043	19796	17404	16205		50%	24%	50%	24%	50%	50%
rejected %	10%	8%	8%	5%	9%	9%	grade 1 events	444	328	442	236	467	451
								0%	0%	0%	0%	0%	0%
							grade 2 events	24104	110006	28226	76506	29339	27335
								15%	31%	15%	20%	16%	16%
							grade 3 events	8663	22457	9968	35666	10388	9443
								5%	6%	5%	9%	5%	5%
							grade 4 events	8494	22211	9995	35225	10282	9502
								5%	6%	5%	9%	5%	5%
							grade 5 events	1077	6631	1291	4553	1341	1247
								0%	1%	0%	1%	0%	0%
							grade 6 events	18690	83222	25438	108174	24135	22795
								12%	23%	14%	29%	13%	13%
							grade 7 events	14191	24179	13310	15007	15596	13957
								9%	6%	7%	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	274.1221439437633	Alternating exposures requested	N	N
[deg] Pointing Dec	0	72.12999452366518	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	168.1701359191337			
[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)	77207269.94963001	77207269.18116			
Observation start date	2000-06-12T14:27:50	2000-06-12T14:27:49			
[s] Observation end time (MET)	77250438.85122	77250438.08274899			
Observation end date	2000-06-13T02:27:19	2000-06-13T02:27:18			
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)	2012.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.0820973128825

A.2 Comments