

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62192 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 21 2012

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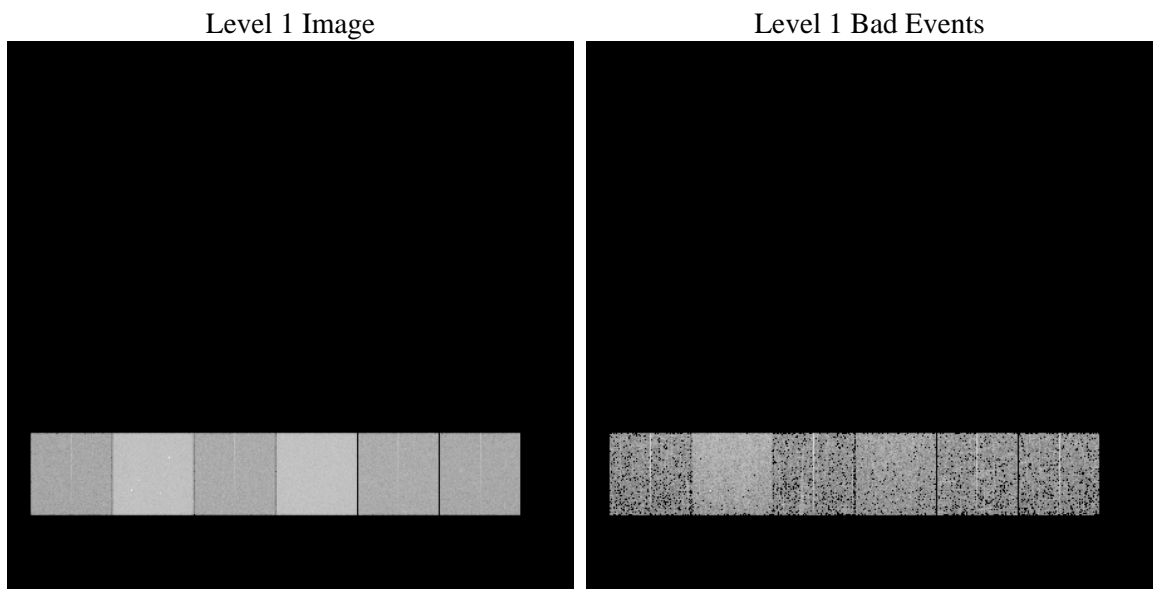
1 Front

seq_num	 	Sequence number
obs_id	62192	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	110.11036454477	Nominal RA [deg]
dec_nom	-31.432562310454	Nominal Dec [deg]
roll_nom	330.17529061207	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2886.6926403344	Sum of GTIs [s]
livetime	2850.1395999648	Livetime [s]
ontime4	1133.4188917205	Sum of GTIs [s]
ontime5	3100.6380818412	Sum of GTIs [s]
ontime6	1225.6102601066	Sum of GTIs [s]
ontime7	2886.6926403344	Sum of GTIs [s]
ontime8	1267.7437502518	Sum of GTIs [s]
ontime9	1178.6291521639	Sum of GTIs [s]
l2events	922701	Number of level 2 events

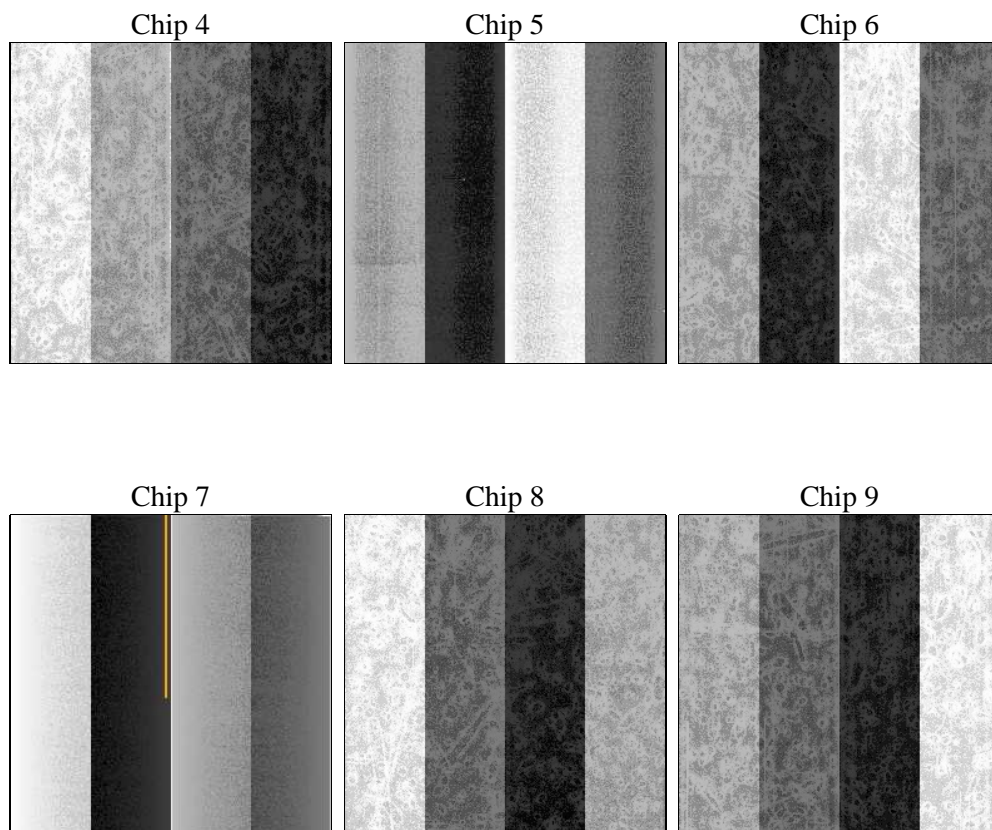
2 OBI

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	2886.6926403344	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	1133.4188917205	Sum of GTIs [s]
date	2012-08-22T01:38:06	Date and time of file creation	ontime5	3100.6380818412	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	1225.6102601066	Sum of GTIs [s]
			ontime7	2886.6926403344	Sum of GTIs [s]
			ontime8	1267.7437502518	Sum of GTIs [s]
			ontime9	1178.6291521639	Sum of GTIs [s]
			l1events	1060642	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	111612	279162	129098	287919	133363	119488	grade 0 events	55364	64572	62972	69744	65520	58325
rejected events	13214	27052	13662	17300	14600	13197		49%	23%	48%	24%	49%	48%
rejected %	11%	9%	10%	6%	10%	11%	grade 1 events	406	194	416	211	414	390
								0%	0%	0%	0%	0%	0%
							grade 2 events	17329	87304	20044	59845	21011	18536
								15%	31%	15%	20%	15%	15%
							grade 3 events	6148	16889	7077	27791	7424	6663
								5%	6%	5%	9%	5%	5%
							grade 4 events	6137	17091	7254	27728	7472	6669
								5%	6%	5%	9%	5%	5%
							grade 5 events	849	5575	1020	4033	1114	984
								0%	1%	0%	1%	0%	0%
							grade 6 events	13420	66254	18375	85511	17630	16098
								12%	23%	14%	29%	13%	13%
							grade 7 events	11959	21283	11940	13056	12778	11823
								10%	7%	9%	4%	9%	9%

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	110.1103645447677	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-31.43256231045392	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	330.1752906120714			
[mm] SIM focus pos	-0.684267	-1.428180813131781			
[mm] SIM defocus	0	0.1051558262725154			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	65832664.079206	65832663.310674			
Observation start date	2000-02-01T22:51:04	2000-02-01T22:51:03			
[s] Observation end time (MET)	65839964.129472	65839963.360939			
Observation end date	2000-02-02T00:52:44	2000-02-02T00:52:43			
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)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.8866926403344

A.2 Comments