

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56692 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 16 2012

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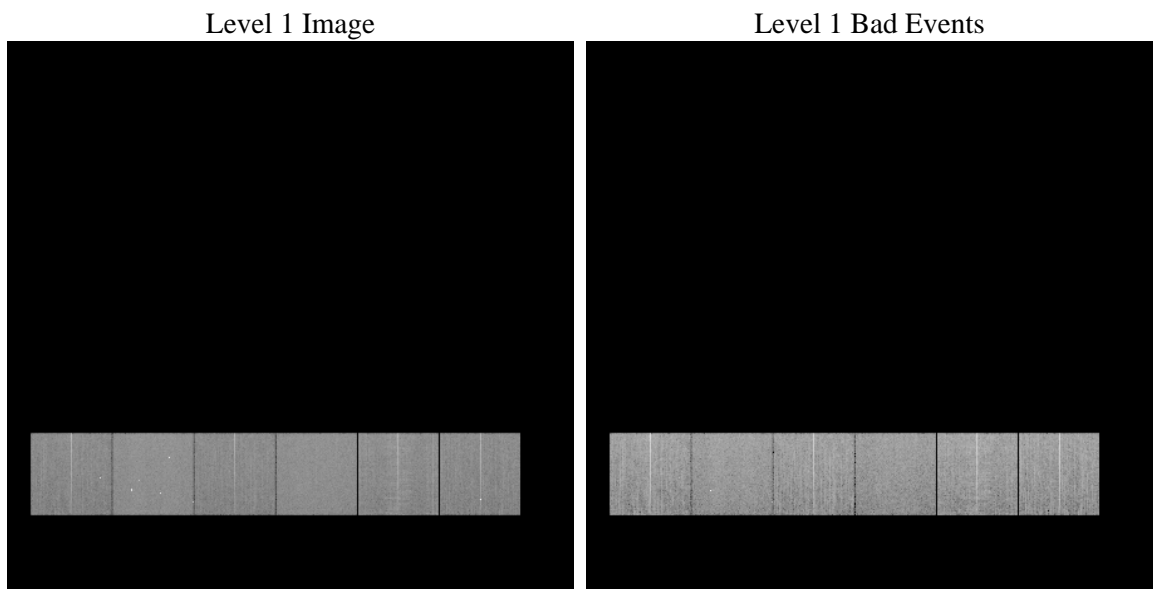
1 Front

seq_num	 	Sequence number
obs_id	56692	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	50.12980116236	Nominal RA [deg]
dec_nom	3.6163220081126	Nominal Dec [deg]
roll_nom	18.524447520217	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8270.5977867842	Sum of GTIs [s]
livetime	8165.8704976518	Livetime [s]
ontime4	8270.4746667743	Sum of GTIs [s]
ontime5	8270.5567467809	Sum of GTIs [s]
ontime6	8270.5157067776	Sum of GTIs [s]
ontime7	8270.5977867842	Sum of GTIs [s]
ontime8	8270.433626771	Sum of GTIs [s]
ontime9	8270.6388267875	Sum of GTIs [s]
l2events	488571	Number of level 2 events

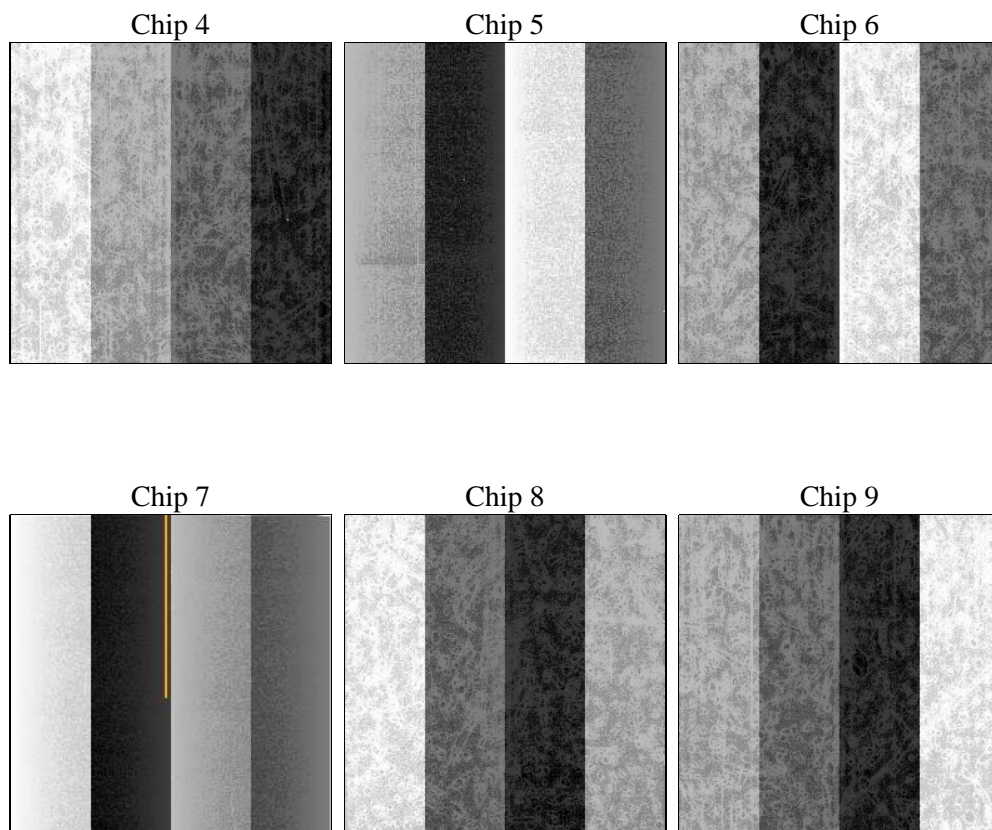
2 OBI

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	8270.5977867842	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8270.4746667743	Sum of GTIs [s]
date	2012-06-16T15:44:28	Date and time of file creation	ontime5	8270.5567467809	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8270.5157067776	Sum of GTIs [s]
			ontime7	8270.5977867842	Sum of GTIs [s]
			ontime8	8270.433626771	Sum of GTIs [s]
			ontime9	8270.6388267875	Sum of GTIs [s]
			l1events	1022747	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	155375	193355	156222	182266	176322	159207	grade 0 events	40499	18545	39033	20163	42718	40908
rejected events	83981	76503	81527	70888	87427	83932		26%	9%	24%	11%	24%	25%
rejected %	54%	39%	52%	38%	49%	52%	grade 1 events	429	300	237	156	291	349
								0%	0%	0%	0%	0%	0%
							grade 2 events	11513	40922	13514	24377	16931	12757
								7%	21%	8%	13%	9%	8%
							grade 3 events	5034	5219	4924	10364	6519	4958
								3%	2%	3%	5%	3%	3%
							grade 4 events	4902	4983	4826	10155	6291	4839
								3%	2%	3%	5%	3%	3%
							grade 5 events	4317	10302	4534	11522	6009	5122
								2%	5%	2%	6%	3%	3%
							grade 6 events	9446	47183	12398	46319	16436	11813
								6%	24%	7%	25%	9%	7%
							grade 7 events	79235	65901	76756	59210	81127	78461
								50%	34%	49%	32%	46%	49%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	50.12980116235954	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	3.616322008112568	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	18.52444752021684	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	374221581.923606	374221580.8986			
Observation start date	2009-11-10T06:26:22	2009-11-10T06:26:20			
[s] Observation end time (MET)	374235843.774325	374235842.74932			
Observation end date	2009-11-10T10:24:04	2009-11-10T10:24:02			
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)	2012.06.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2705977867842

A.2 Comments