

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56730 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 15 2012

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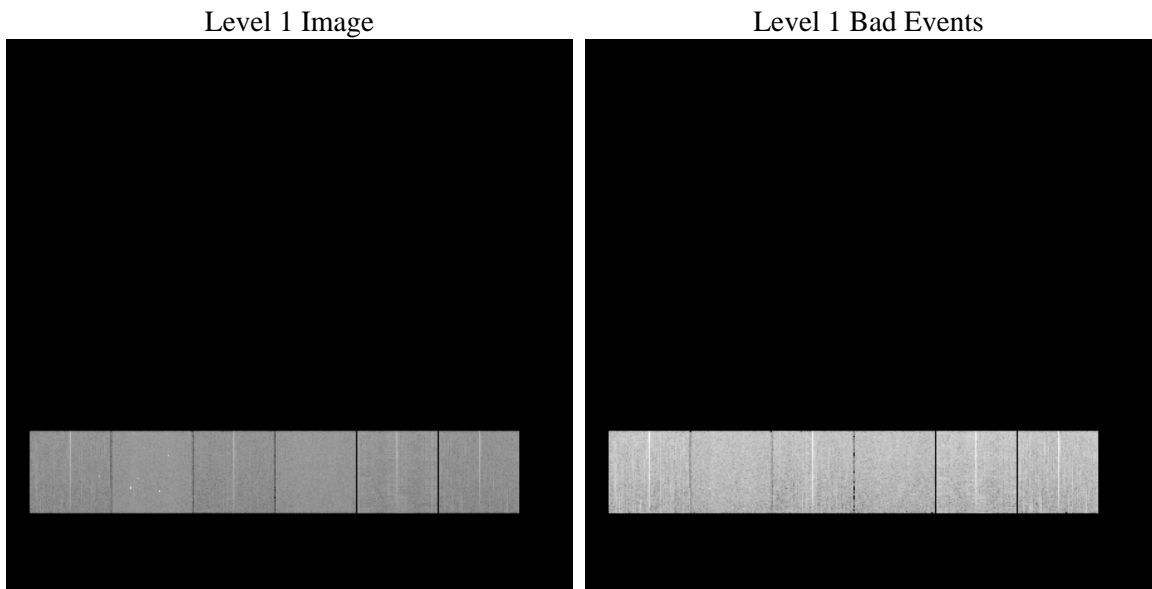
1 Front

seq_num	 	Sequence number
obs_id	56730	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	30.325593513031	Nominal RA [deg]
dec_nom	-21.584020485134	Nominal Dec [deg]
roll_nom	0.95368259192937	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8268.7999692559	Sum of GTIs [s]
livetime	8164.0954451716	Livetime [s]
ontime4	8268.7999692559	Sum of GTIs [s]
ontime5	8268.7999692559	Sum of GTIs [s]
ontime6	8268.7999692559	Sum of GTIs [s]
ontime7	8268.7999692559	Sum of GTIs [s]
ontime8	8268.7999692559	Sum of GTIs [s]
ontime9	8268.7999692559	Sum of GTIs [s]
l2events	500968	Number of level 2 events

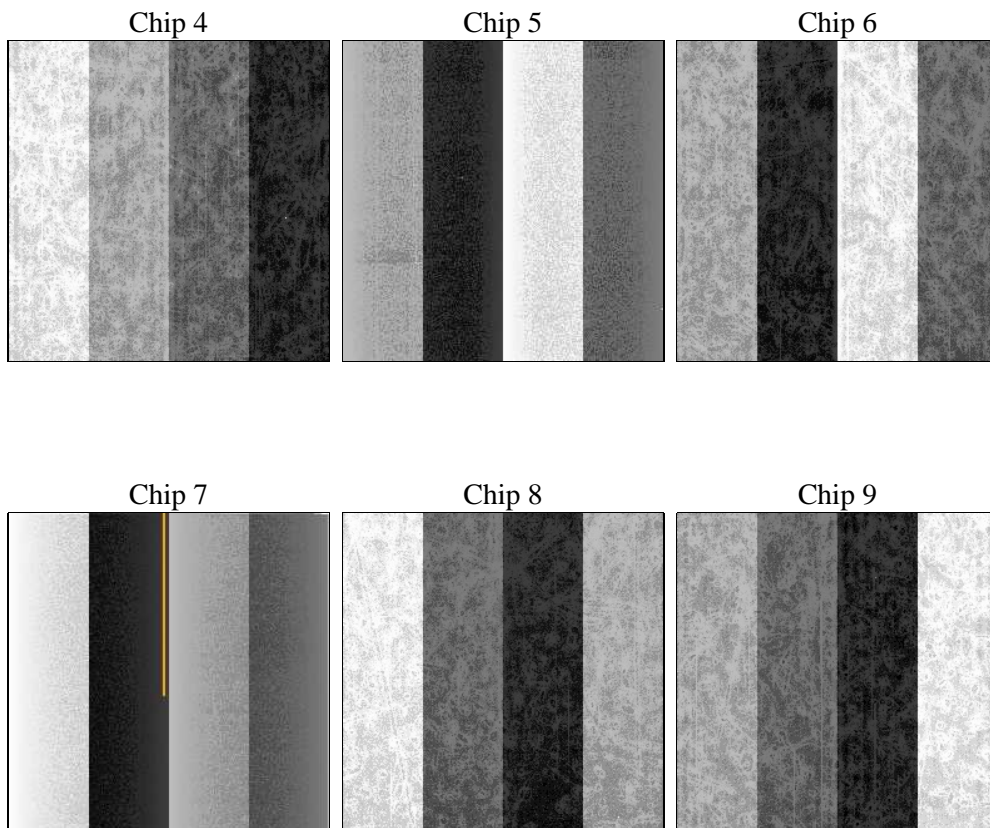
2 OBI

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	8268.7999692559	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8268.7999692559	Sum of GTIs [s]
date	2012-06-15T03:56:23	Date and time of file creation	ontime5	8268.7999692559	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8268.7999692559	Sum of GTIs [s]
			ontime7	8268.7999692559	Sum of GTIs [s]
			ontime8	8268.7999692559	Sum of GTIs [s]
			ontime9	8268.7999692559	Sum of GTIs [s]
			l1events	1033445	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	158907	192837	155833	185061	181023	159784	grade 0 events	41149	18589	40197	20807	45214	39952
rejected events	85971	75976	78303	72323	88483	84640		25%	9%	25%	11%	24%	25%
rejected %	54%	39%	50%	39%	48%	52%	grade 1 events	441	306	259	171	322	337
								0%	0%	0%	0%	0%	0%
							grade 2 events	11727	41068	14078	24568	17535	12804
								7%	21%	9%	13%	9%	8%
							grade 3 events	5162	5348	5043	10078	6525	5105
								3%	2%	3%	5%	3%	3%
							grade 4 events	5067	4981	5121	10355	6638	5026
								3%	2%	3%	5%	3%	3%
							grade 5 events	4337	10004	4784	11744	5943	5066
								2%	5%	3%	6%	3%	3%
							grade 6 events	9831	46875	13091	46930	16628	12257
								6%	24%	8%	25%	9%	7%
							grade 7 events	81193	65666	73260	60408	82218	79237
								51%	34%	47%	32%	45%	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	30.32559351303069	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-21.58402048513439	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	0.9536825919293723	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	372850871.904543	372850870.87955			
Observation start date	2009-10-25T09:41:12	2009-10-25T09:41:10			
[s] Observation end time (MET)	372860767.255041	372860766.23005			
Observation end date	2009-10-25T12:26:07	2009-10-25T12:26:06			
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)	2012.06.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2687999692559

A.2 Comments