

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56866 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 12 2012

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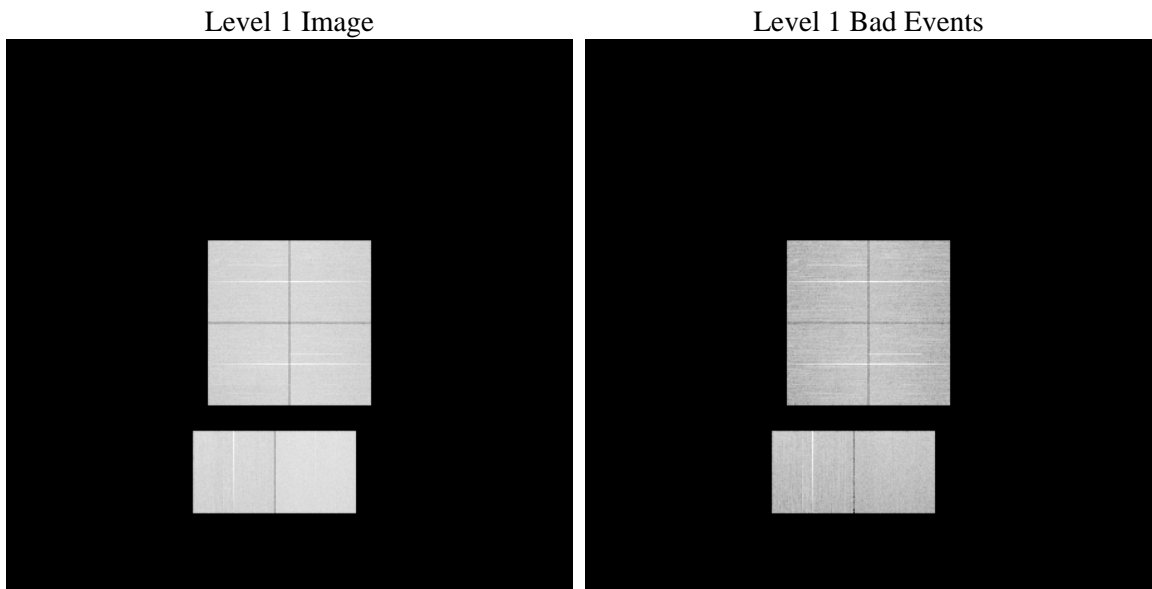
1 Front

seq_num	 	Sequence number
obs_id	56866	Observation id
title	ACIS-012367 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	336.53075743179	Nominal RA [deg]
dec_nom	-37.98459480671	Nominal Dec [deg]
roll_nom	359.58853768761	Nominal Roll [deg]
revision	2	Processing version of data
ontime	18063.003843188	Sum of GTIs [s]
livetime	17834.279212291	Livetime [s]
ontime0	16282.955632806	Sum of GTIs [s]
ontime1	16318.606994271	Sum of GTIs [s]
ontime2	16257.027391195	Sum of GTIs [s]
ontime3	16299.160774112	Sum of GTIs [s]
ontime6	16295.919793189	Sum of GTIs [s]
ontime7	18063.003843188	Sum of GTIs [s]
l2events	1495699	Number of level 2 events

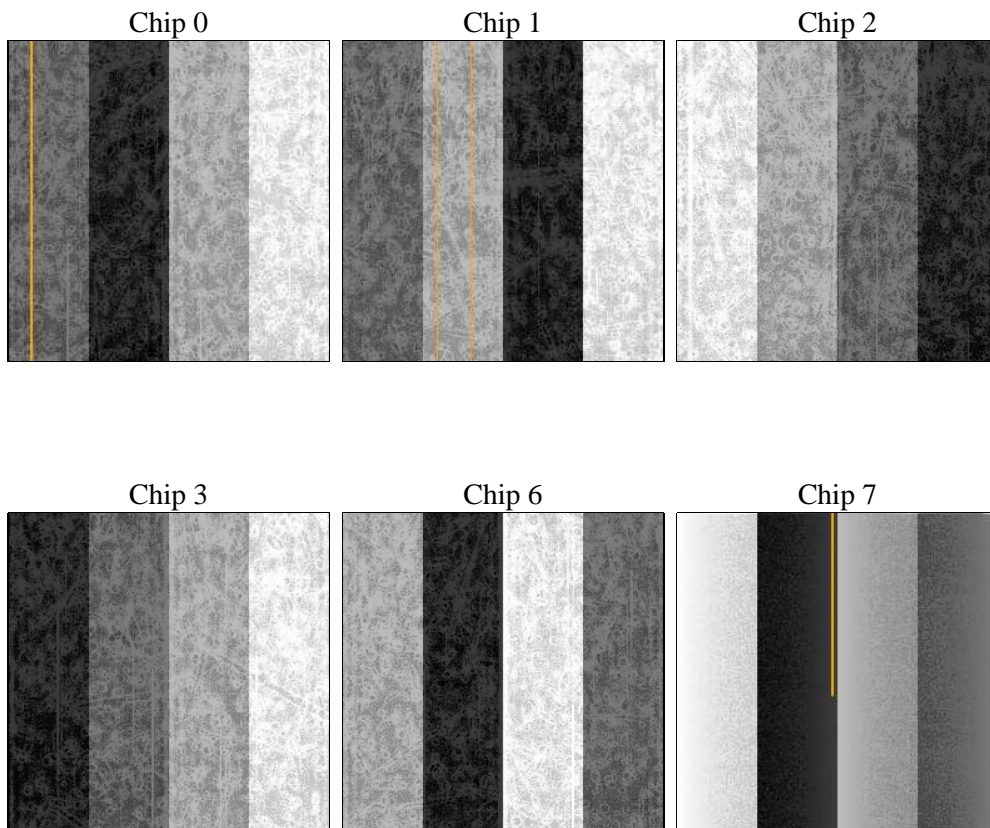
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	18063.003843188	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	16282.955632806	Sum of GTIs [s]
date	2012-06-12T15:19:35	Date and time of file creation	ontime1	16318.606994271	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	16257.027391195	Sum of GTIs [s]
			ontime3	16299.160774112	Sum of GTIs [s]
			ontime6	16295.919793189	Sum of GTIs [s]
			ontime7	18063.003843188	Sum of GTIs [s]
			l1events	2596534	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	405532	407660	400776	416065	424481	542020	grade 0 events	126017	121499	121550	129397	122189	77686
rejected events	164073	161979	171521	173410	177543	171531		31%	29%	30%	31%	28%	14%
rejected %	40%	39%	42%	41%	41%	31%	grade 1 events	1205	932	1185	1196	941	471
								0%	0%	0%	0%	0%	0%
							grade 2 events	43300	49499	38937	41353	44687	80401
								10%	12%	9%	9%	10%	14%
							grade 3 events	15099	14999	14815	15517	14984	31039
								3%	3%	3%	3%	3%	5%
							grade 4 events	14766	14886	14861	15765	15014	29968
								3%	3%	3%	3%	3%	5%
							grade 5 events	9162	9178	8186	9930	9915	26666
								2%	2%	2%	2%	2%	4%
							grade 6 events	42277	44798	39092	40623	50064	151550
								10%	10%	9%	9%	11%	27%
							grade 7 events	153706	151869	162150	162284	166687	144239
								37%	37%	40%	39%	39%	26%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	336.5307574317934	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-37.98459480671043	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	359.588537687613	[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)	367824072.801994	367824071.77699			
Observation start date	2009-08-28T05:21:13	2009-08-28T05:21:11			
[s] Observation end time (MET)	367900211.85581	367900210.83081			
Observation end date	2009-08-29T02:30:12	2009-08-29T02:30:10			
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)	2012.06.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.063003843188

A.2 Comments

Due to operational error, ACIS stop science was not issued in the load. Instead, stop science was issued by CAP at 2009:240:10:43:29. The obsid was not changed onboard, so radiation zone contaminated this CTI.