

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56834 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 13 2012

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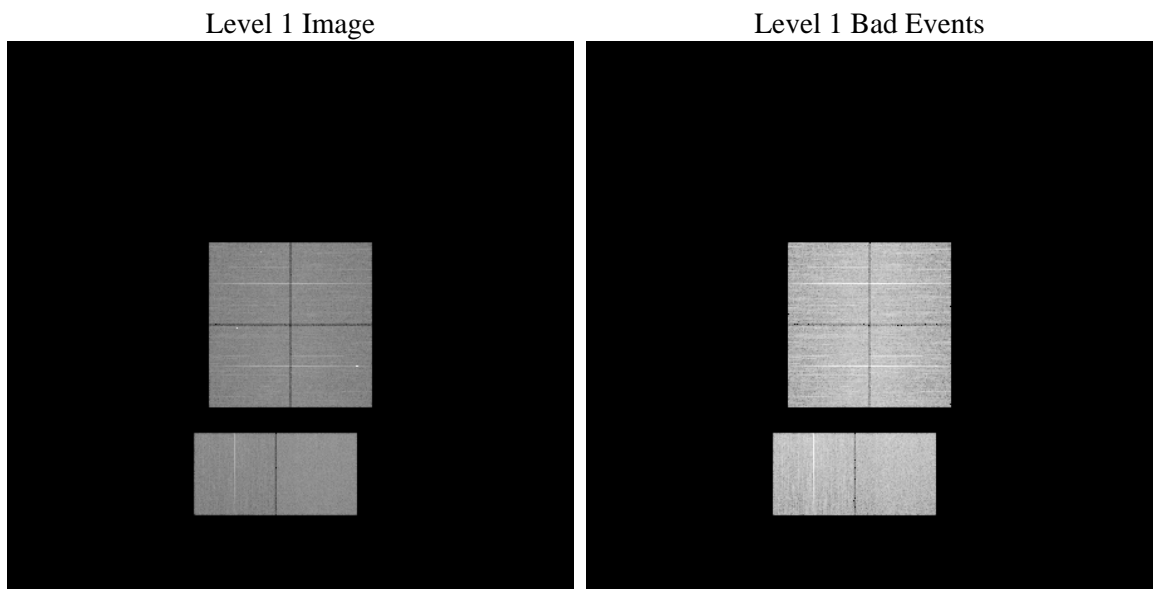
1 Front

seq_num	 	Sequence number
obs_id	56834	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	325.03554229204	Nominal RA [deg]
dec_nom	-37.004523172767	Nominal Dec [deg]
roll_nom	318.02068570901	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8274.0152555704	Sum of GTIs [s]
livetime	8169.2446923905	Livetime [s]
ontime0	8273.9742155671	Sum of GTIs [s]
ontime1	8273.9331755638	Sum of GTIs [s]
ontime2	8273.8921355605	Sum of GTIs [s]
ontime3	8274.0562955737	Sum of GTIs [s]
ontime6	8273.8510955572	Sum of GTIs [s]
ontime7	8274.0152555704	Sum of GTIs [s]
l2events	459470	Number of level 2 events

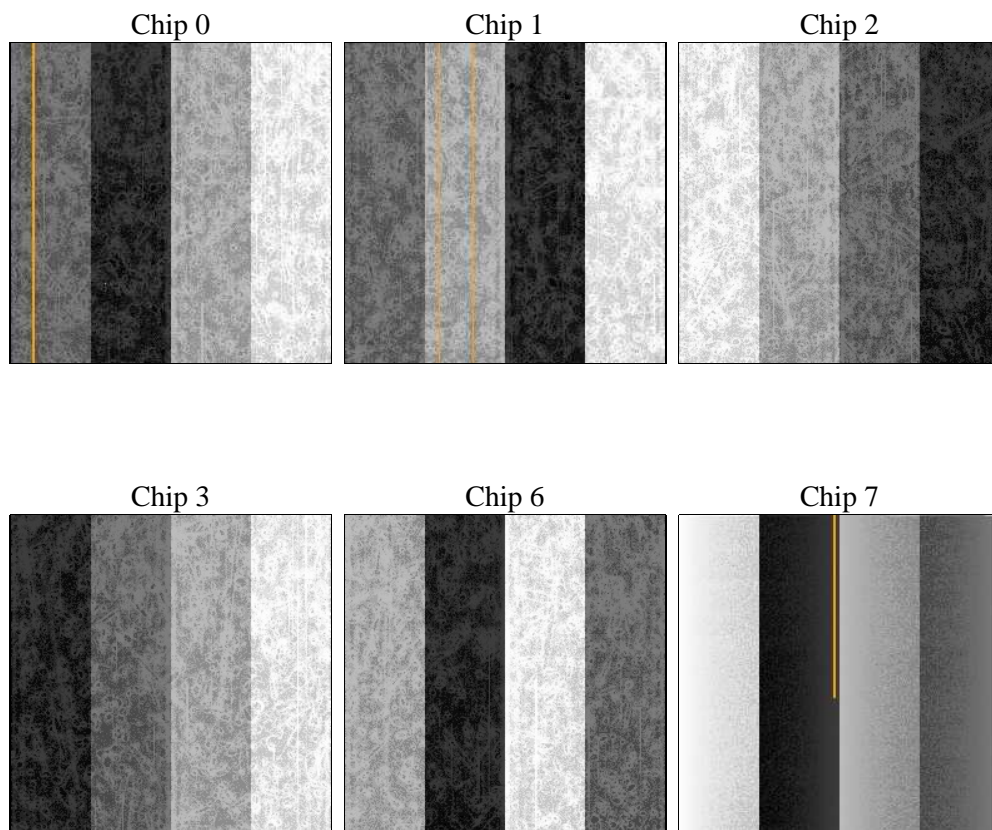
2 OBI

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	8274.0152555704	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8273.9742155671	Sum of GTIs [s]
date	2012-06-13T07:20:05	Date and time of file creation	ontime1	8273.9331755638	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8273.8921355605	Sum of GTIs [s]
			ontime3	8274.0562955737	Sum of GTIs [s]
			ontime6	8273.8510955572	Sum of GTIs [s]
			ontime7	8274.0152555704	Sum of GTIs [s]
			l1events	947841	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	146846	148048	153531	156917	155678	186821	grade 0 events	39069	38573	42652	45494	39860	20867
rejected events	73233	73739	77302	77648	79591	72875		26%	26%	27%	28%	25%	11%
rejected %	49%	49%	50%	49%	51%	39%	grade 1 events	298	252	300	389	254	148
								0%	0%	0%	0%	0%	0%
							grade 2 events	13482	14195	12817	12885	13795	24730
								9%	9%	8%	8%	8%	13%
							grade 3 events	4824	4961	5115	5036	4932	10634
								3%	3%	3%	3%	3%	5%
							grade 4 events	4944	5033	5072	5072	4973	10587
								3%	3%	3%	3%	3%	5%
							grade 5 events	4200	4383	4006	4600	4597	11977
								2%	2%	2%	2%	2%	6%
							grade 6 events	11294	11547	10573	10782	12527	47128
								7%	7%	6%	6%	8%	25%
							grade 7 events	68735	69104	72996	72659	74740	60750
								46%	46%	47%	46%	48%	32%

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	325.0355422920424	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-37.00452317276671	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	318.0206857090128	[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)	369195803.720766	369195802.69577			
Observation start date	2009-09-13T02:23:24	2009-09-13T02:23:22			
[s] Observation end time (MET)	369205567.871256	369205566.84626			
Observation end date	2009-09-13T05:06:08	2009-09-13T05:06:06			
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)	2012.06.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2740152555704

A.2 Comments