

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60800 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 24 2012

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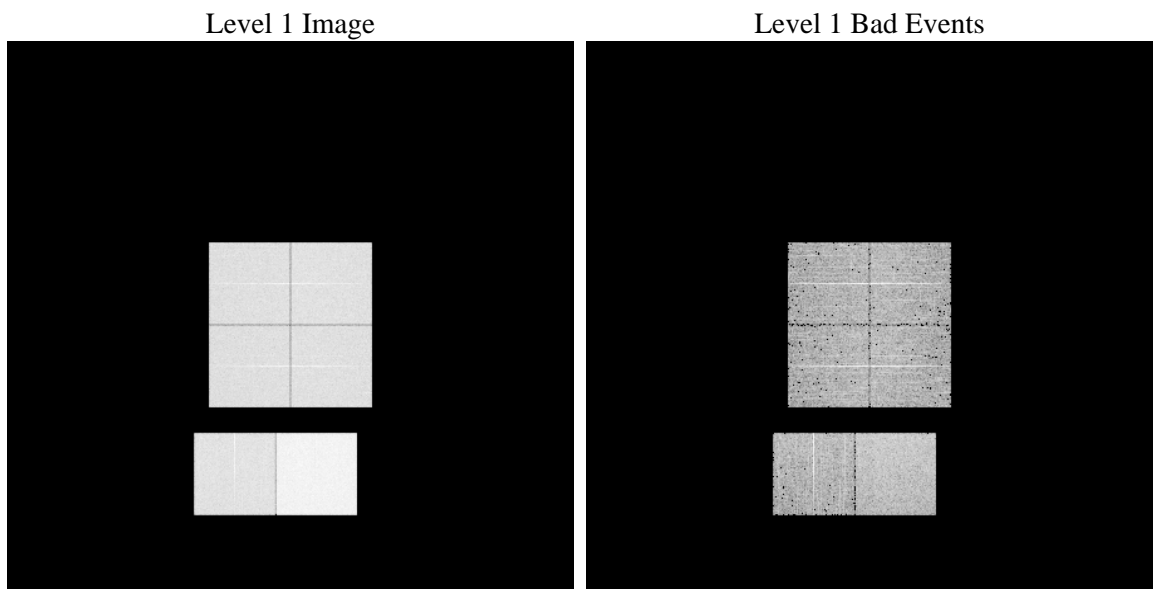
1 Front

seq_num	 	Sequence number
obs_id	60800	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	141.01524707946	Nominal RA [deg]
dec_nom	-3.0241915071269	Nominal Dec [deg]
roll_nom	269.34225050595	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7791.9999709725	Sum of GTIs [s]
livetime	7693.332975561	Livetime [s]
ontime0	3985.3287796676	Sum of GTIs [s]
ontime1	4168.5759045482	Sum of GTIs [s]
ontime2	3867.1629756391	Sum of GTIs [s]
ontime3	3972.2829584479	Sum of GTIs [s]
ontime6	4202.599779278	Sum of GTIs [s]
ontime7	7791.9999709725	Sum of GTIs [s]
l2events	1188223	Number of level 2 events

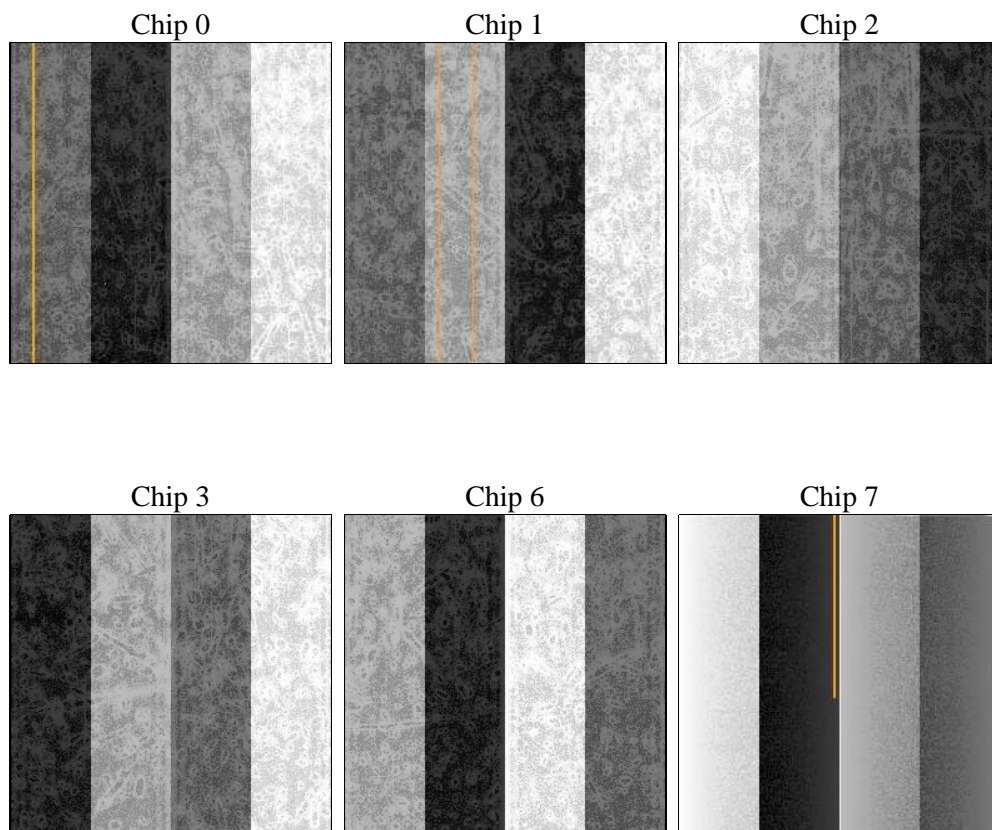
2 OBI

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	7791.9999709725	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3985.3287796676	Sum of GTIs [s]
date	2012-10-25T01:42:27	Date and time of file creation	ontime1	4168.5759045482	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3867.1629756391	Sum of GTIs [s]
			ontime3	3972.2829584479	Sum of GTIs [s]
			ontime6	4202.599779278	Sum of GTIs [s]
			ontime7	7791.9999709725	Sum of GTIs [s]
			l1events	1429767	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	200095	210437	197132	204381	221864	395858	grade 0 events	94660	99505	94626	97889	102869	88051
rejected events	27630	29051	28090	29418	30942	42820		47%	47%	48%	47%	46%	22%
rejected %	13%	13%	14%	14%	13%	10%	grade 1 events	564	532	663	594	551	241
								0%	0%	0%	0%	0%	0%
							grade 2 events	29778	32182	28339	29499	32791	77469
								14%	15%	14%	14%	14%	19%
							grade 3 events	11222	11219	10811	11506	11851	35057
								5%	5%	5%	5%	5%	8%
							grade 4 events	11079	11234	11051	11452	11789	34591
								5%	5%	5%	5%	5%	8%
							grade 5 events	1921	1997	1803	2066	2170	7978
								0%	0%	0%	1%	0%	2%
							grade 6 events	25726	27246	24215	24617	31622	117870
								12%	12%	12%	12%	14%	29%
							grade 7 events	25145	26522	25624	26758	28221	34601
								12%	12%	12%	13%	12%	8%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	141.0152470794616	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-3.024191507126877	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	269.3422505059475			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	165175602.703077	165175601.67838			
Observation start date	2003-03-27T18:06:43	2003-03-27T18:06:41			
[s] Observation end time (MET)	165186902.303553	165186901.27886			
Observation end date	2003-03-27T21:15:02	2003-03-27T21:15:01			
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)	2012.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7919999709725

A.2 Comments