

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55438 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 10 2012

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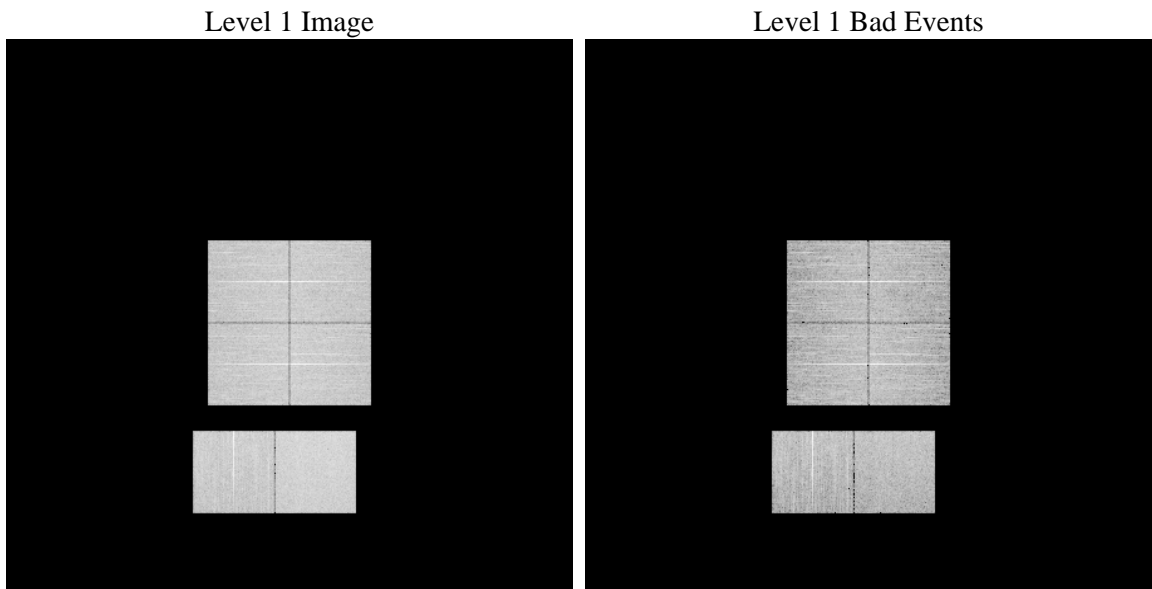
1 Front

seq_num	 	Sequence number
obs_id	55438	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	337.49824501058	Nominal RA [deg]
dec_nom	18.378475799534	Nominal Dec [deg]
roll_nom	100.53678045923	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8206.7722448707	Sum of GTIs [s]
livetime	8102.8531531811	Livetime [s]
ontime0	8206.7312048674	Sum of GTIs [s]
ontime1	8203.4491945505	Sum of GTIs [s]
ontime2	8206.6491248608	Sum of GTIs [s]
ontime3	8206.813284874	Sum of GTIs [s]
ontime6	8206.6080848575	Sum of GTIs [s]
ontime7	8206.7722448707	Sum of GTIs [s]
l2events	333936	Number of level 2 events

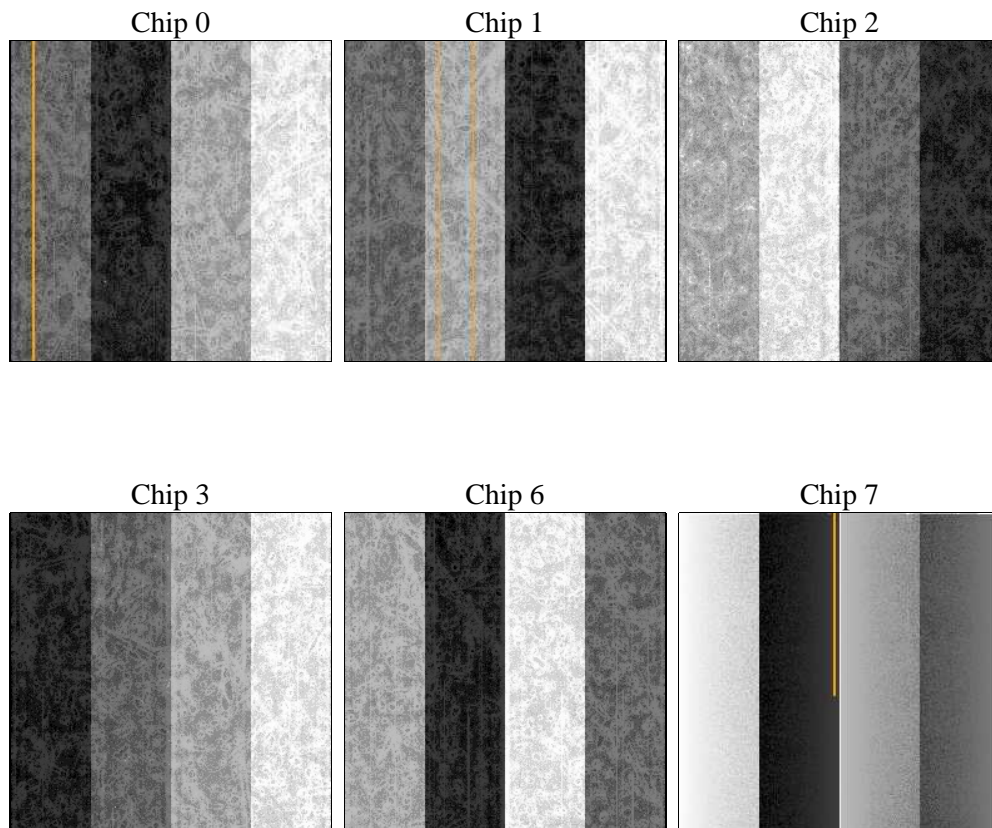
2 OBI

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	8.4.3	Processing system revision	ontime	8206.7722448707	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	8206.7312048674	Sum of GTIs [s]
date	2012-02-10T06:24:50	Date and time of file creation	ontime1	8203.4491945505	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8206.6491248608	Sum of GTIs [s]
			ontime3	8206.813284874	Sum of GTIs [s]
			ontime6	8206.6080848575	Sum of GTIs [s]
			ontime7	8206.7722448707	Sum of GTIs [s]
			l1events	727196	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	112810	111998	116346	119366	120099	146577	grade 0 events	25519	22615	26885	27459	21380	13275
rejected events	58995	57831	63591	65275	65562	63189		22%	20%	23%	23%	17%	9%
rejected %	52%	51%	54%	54%	54%	43%	grade 1 events	117	110	158	155	112	111
								0%	0%	0%	0%	0%	0%
							grade 2 events	12736	16088	10707	11154	17116	18775
								11%	14%	9%	9%	14%	12%
							grade 3 events	3237	2823	3470	3519	2631	6985
								2%	2%	2%	2%	2%	4%
							grade 4 events	3214	2859	3332	3460	2593	6478
								2%	2%	2%	2%	2%	4%
							grade 5 events	2941	3006	2879	3490	2995	8477
								2%	2%	2%	2%	2%	5%
							grade 6 events	9548	10228	8815	8923	11228	38591
								8%	9%	7%	7%	9%	26%
							grade 7 events	55498	54269	60100	61206	62044	53885
								49%	48%	51%	51%	51%	36%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	337.4982450105828
[deg] Pointing Dec	0	18.37847579953361
[deg] Pointing Roll	0.0	100.5367804592323
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	421555098.29683	421555098.29683
Observation start date	2011-05-12T02:38:18	2011-05-12T02:38:18
[s] Observation end time (MET)	421563977.062872	421563977.062872
Observation end date	2011-05-12T05:06:17	2011-05-12T05:06:17
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2067722448707

A.2 Comments