

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 54119 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Dec 5 2012

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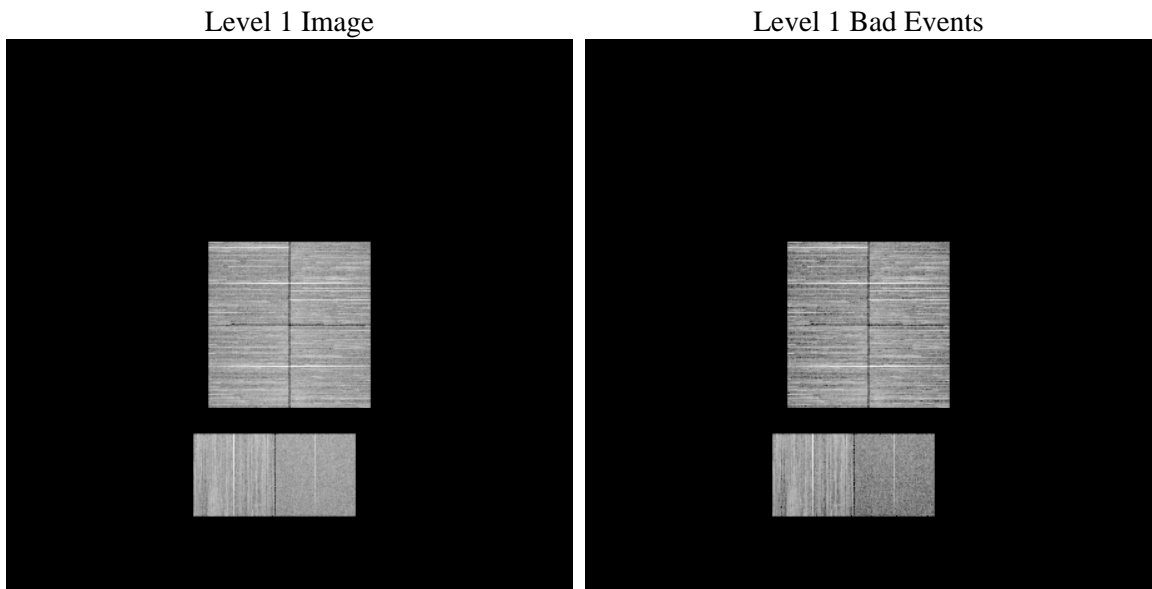
1 Front

seq_num	 	Sequence number
obs_id	54119	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	57.267932624938	Nominal RA [deg]
dec_nom	20.956122962221	Nominal Dec [deg]
roll_nom	265.10108401304	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8131.1999697685	Sum of GTIs [s]
livetime	8028.2378197305	Livetime [s]
ontime0	8131.1999697685	Sum of GTIs [s]
ontime1	8131.1999697685	Sum of GTIs [s]
ontime2	8131.1999697685	Sum of GTIs [s]
ontime3	8127.9589992762	Sum of GTIs [s]
ontime6	8131.1999697685	Sum of GTIs [s]
ontime7	8131.1999697685	Sum of GTIs [s]
l2events	226042	Number of level 2 events

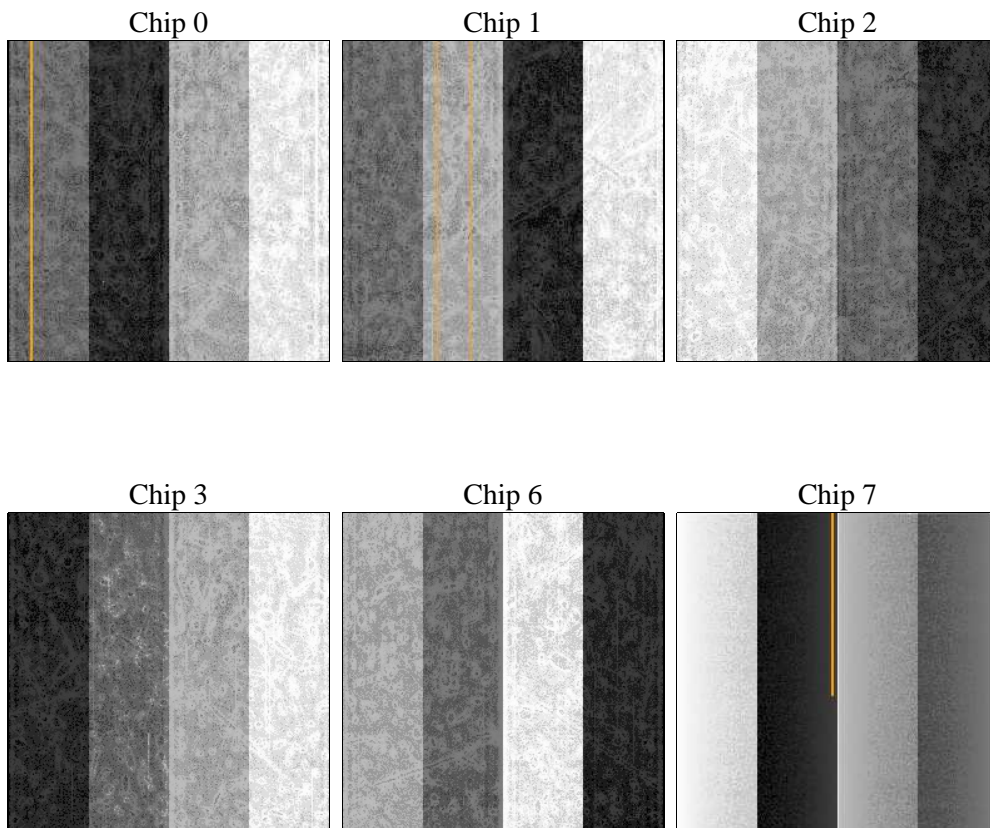
2 OBI

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	8.5	Processing system revision	ontime	8131.1999697685	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	8131.1999697685	Sum of GTIs [s]
date	2012-12-06T02:36:09	Date and time of file creation	ontime1	8131.1999697685	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8131.1999697685	Sum of GTIs [s]
			ontime3	8127.9589992762	Sum of GTIs [s]
			ontime6	8131.1999697685	Sum of GTIs [s]
			ontime7	8131.1999697685	Sum of GTIs [s]
			l1events	927210	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	144537	164803	158988	159816	168035	131031	grade 0 events	18434	17826	18833	18721	19042	9798
rejected events	109340	129860	123850	124683	131296	68784		12%	10%	11%	11%	11%	7%
rejected %	75%	78%	77%	78%	78%	52%	grade 1 events	109	93	105	91	101	86
								0%	0%	0%	0%	0%	0%
							grade 2 events	7015	7254	6756	6714	7229	15583
								4%	4%	4%	4%	4%	11%
							grade 3 events	2540	2381	2408	2451	2364	5436
								1%	1%	1%	1%	1%	4%
							grade 4 events	2366	2418	2408	2538	2451	5413
								1%	1%	1%	1%	1%	4%
							grade 5 events	2936	3019	2719	3260	3266	8046
								2%	1%	1%	2%	1%	6%
							grade 6 events	5567	5736	5413	5429	6403	27164
								3%	3%	3%	3%	3%	20%
							grade 7 events	105570	126076	120346	120612	127179	59505
								73%	76%	75%	75%	75%	45%

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	57.26793262493848
[deg] Pointing Dec	0	20.95612296222107
[deg] Pointing Roll	0.0	265.1010840130423
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	471104591.505917	471104591.505917
Observation start date	2012-12-05T14:23:12	2012-12-05T14:23:11
[s] Observation end time (MET)	471113865.376466	471113865.376466
Observation end date	2012-12-05T16:57:45	2012-12-05T16:57:45
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1311999697685

A.2 Comments