

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62154 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 23 2012

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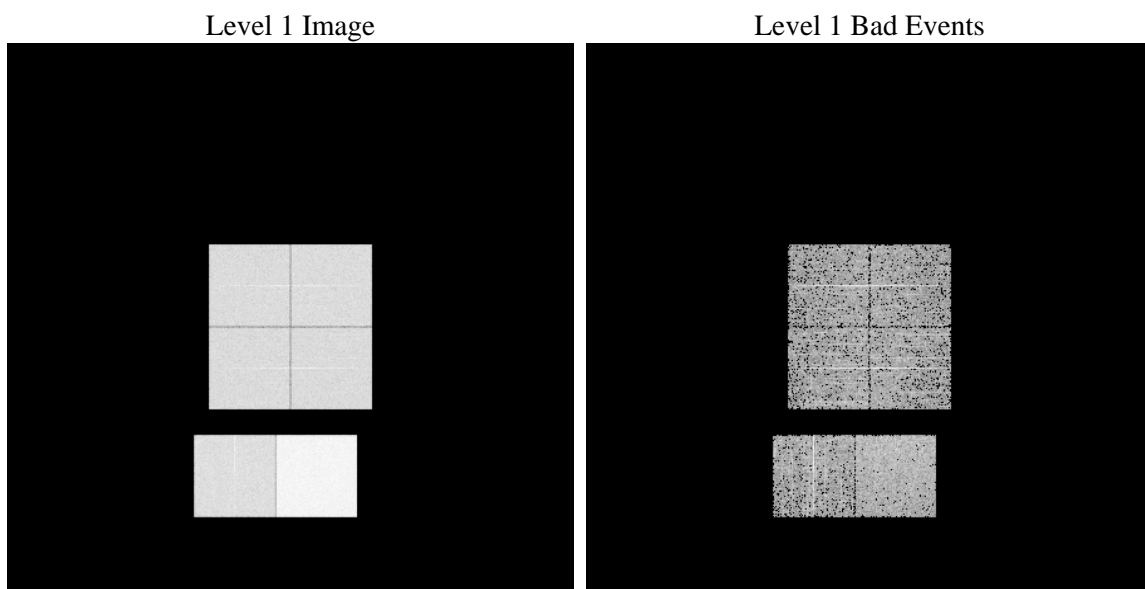
1 Front

seq_num	 	Sequence number
obs_id	62154	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	245.85174916568	Nominal RA [deg]
dec_nom	-13.02933990916	Nominal Dec [deg]
roll_nom	80.529972060369	Nominal Roll [deg]
revision	4	Processing version of data
ontime	3522.1995983273	Sum of GTIs [s]
livetime	3477.5993861993	Livetime [s]
ontime0	1448.74344033	Sum of GTIs [s]
ontime1	1481.1538601667	Sum of GTIs [s]
ontime2	1396.886800468	Sum of GTIs [s]
ontime3	1380.6816802621	Sum of GTIs [s]
ontime6	1539.4925002605	Sum of GTIs [s]
ontime7	3522.1995983273	Sum of GTIs [s]
l2events	927037	Number of level 2 events

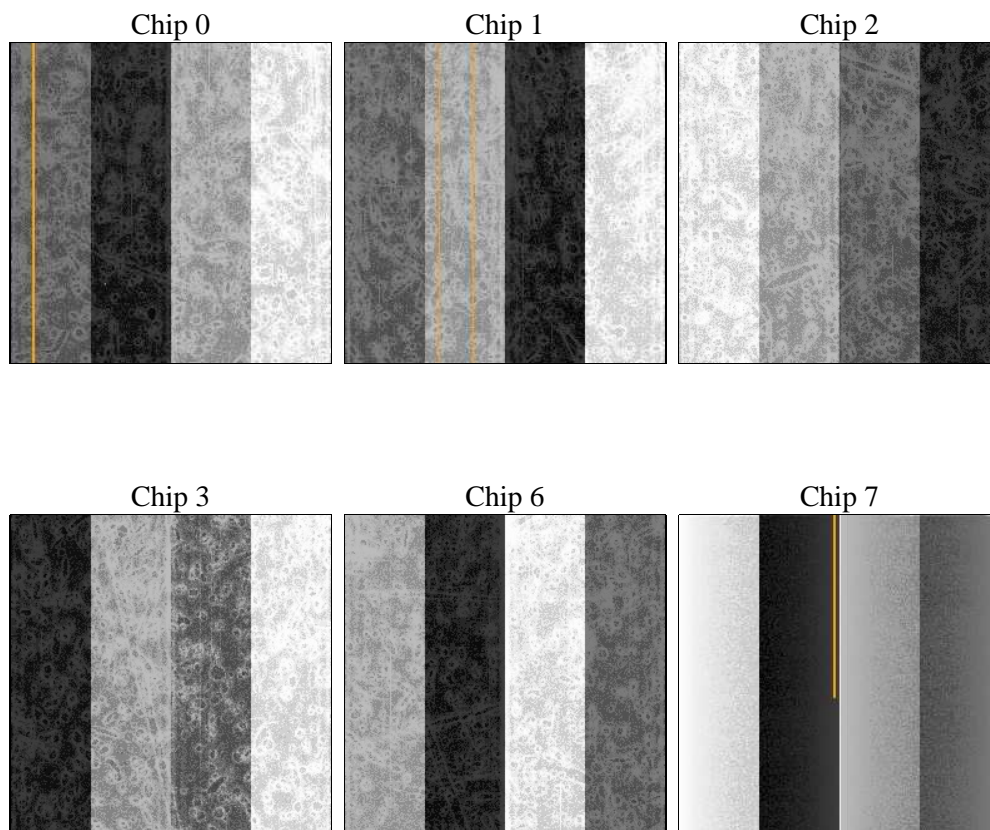
2 OBI

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	3522.1995983273	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	1448.74344033	Sum of GTIs [s]
date	2012-08-23T17:37:23	Date and time of file creation	ontime1	1481.1538601667	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	1396.886800468	Sum of GTIs [s]
			ontime3	1380.6816802621	Sum of GTIs [s]
			ontime6	1539.4925002605	Sum of GTIs [s]
			ontime7	3522.1995983273	Sum of GTIs [s]
			l1events	1060836	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	140752	143291	138697	138084	157123	342889	grade 0 events	70041	71532	68576	68599	76792	83046
rejected events	14094	13773	15319	15515	15983	20586		49%	49%	49%	49%	48%	24%
rejected %	10%	9%	11%	11%	10%	6%	grade 1 events	401	418	418	471	472	246
								0%	0%	0%	0%	0%	0%
							grade 2 events	22315	22656	21653	21380	24310	71402
								15%	15%	15%	15%	15%	20%
							grade 3 events	7995	8375	7728	7702	8757	32942
								5%	5%	5%	5%	5%	9%
							grade 4 events	8156	8032	7765	7745	8801	33174
								5%	5%	5%	5%	5%	9%
							grade 5 events	1014	1102	1006	1075	1209	4662
								0%	0%	0%	0%	0%	1%
							grade 6 events	18151	18923	17656	17143	22480	101739
								12%	13%	12%	12%	14%	29%
							grade 7 events	12679	12253	13895	13969	14302	15678
								9%	8%	10%	10%	9%	4%

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	245.8517491656829
[deg] Pointing Dec	0	-13.02933990916028
[deg] Pointing Roll	0.0	80.52997206036939
[mm] SIM focus pos	-0.782348	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-233.592463	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	67833913.156	67833912.387519
Observation start date	2000-02-25T02:45:13	2000-02-25T02:45:12
[s] Observation end time (MET)	67842109.05599999	67842108.287818
Observation end date	2000-02-25T05:01:49	2000-02-25T05:01:48
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.5221995983273

A.2 Comments