

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55044 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 27 2012

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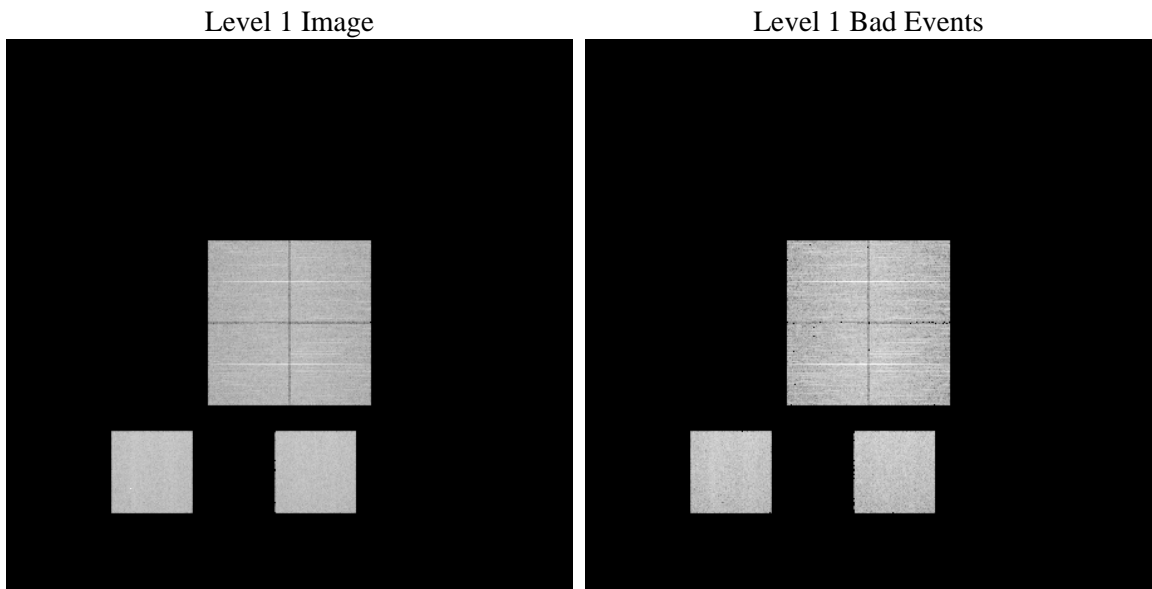
1 Front

seq_num	 	Sequence number
obs_id	55044	Observation id
title	ACIS-012357 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	113.7628756803	Nominal RA [deg]
dec_nom	14.944832632352	Nominal Dec [deg]
roll_nom	145.74643082372	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8140.3325716853	Sum of GTIs [s]
livetime	8037.2547791428	Livetime [s]
ontime0	8140.291531682	Sum of GTIs [s]
ontime1	8140.2504916787	Sum of GTIs [s]
ontime2	8140.2094516754	Sum of GTIs [s]
ontime3	8140.3736116886	Sum of GTIs [s]
ontime5	8140.1684116721	Sum of GTIs [s]
ontime7	8140.3325716853	Sum of GTIs [s]
l2events	305674	Number of level 2 events

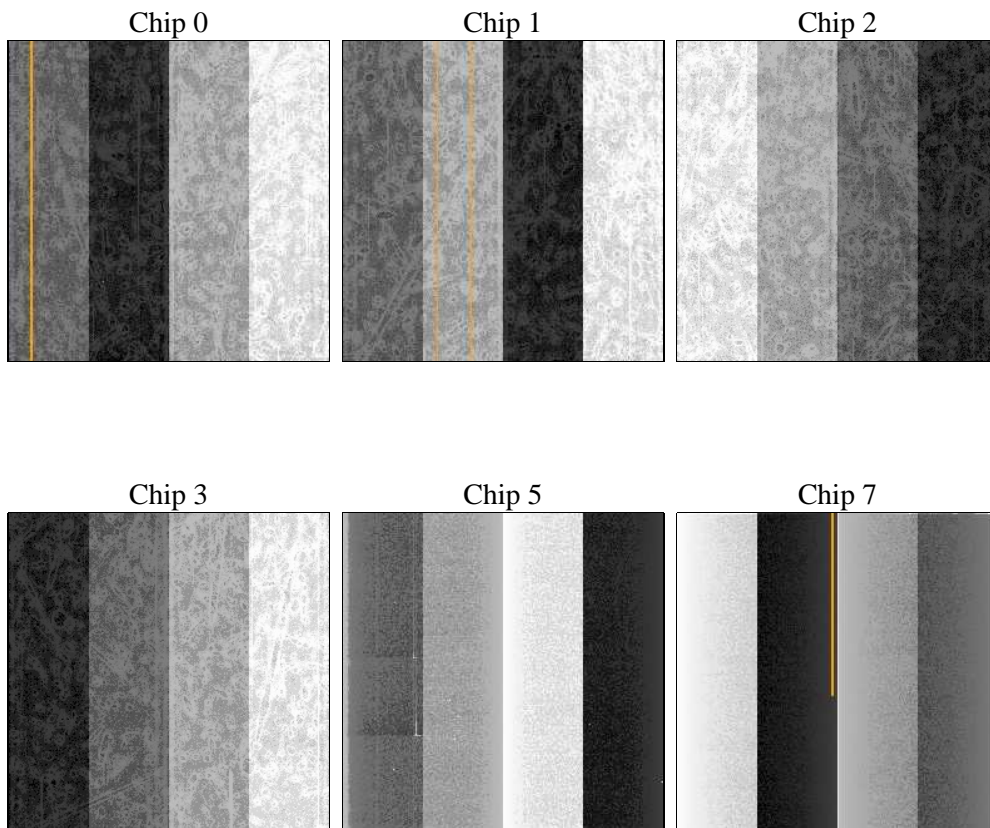
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	8140.3325716853	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8140.291531682	Sum of GTIs [s]
date	2012-02-27T11:44:00	Date and time of file creation	ontime1	8140.2504916787	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8140.2094516754	Sum of GTIs [s]
			ontime3	8140.3736116886	Sum of GTIs [s]
			ontime5	8140.1684116721	Sum of GTIs [s]
			ontime7	8140.3325716853	Sum of GTIs [s]
			l1events	666423	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	96839	99380	97965	103037	136259	132943	grade 0 events	23092	21721	23904	23782	6966	11426
rejected events	53153	55981	54249	59684	61696	61014		23%	21%	24%	23%	5%	8%
rejected %	54%	56%	55%	57%	45%	45%	grade 1 events	135	96	153	150	170	110
								0%	0%	0%	0%	0%	0%
							grade 2 events	8525	9598	7696	7630	28402	16253
								8%	9%	7%	7%	20%	12%
							grade 3 events	2997	2898	3040	3090	2456	6136
								3%	2%	3%	2%	1%	4%
							grade 4 events	2873	2681	3133	2963	2477	6039
								2%	2%	3%	2%	1%	4%
							grade 5 events	3283	3203	3094	3568	6612	8628
								3%	3%	3%	3%	4%	6%
							grade 6 events	7003	7307	6721	6601	35661	33399
								7%	7%	6%	6%	26%	25%
							grade 7 events	48931	51876	50224	55253	53515	50952
								50%	52%	51%	53%	39%	38%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	113.7628756802951
[deg] Pointing Dec	0	14.9448326323515
[deg] Pointing Roll	0.0	145.7464308237168
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)	438229482.884414	438229482.884414
Observation start date	2011-11-21T02:24:43	2011-11-21T02:24:42
[s] Observation end time (MET)	438239849.008251	438239849.008251
Observation end date	2011-11-21T05:17:29	2011-11-21T05:17:29
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)	2012.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1403325716853

A.2 Comments