

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55246 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 19 2012

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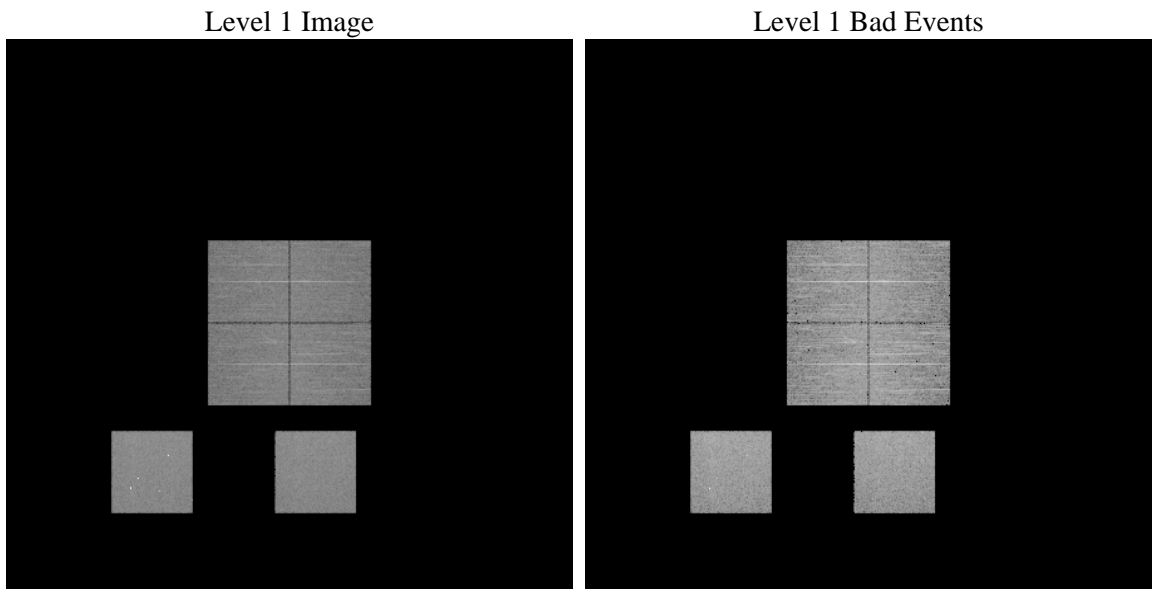
1 Front

seq_num	 	Sequence number
obs_id	55246	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	320.97772782583	Nominal RA [deg]
dec_nom	7.9810009512482	Nominal Dec [deg]
roll_nom	187.57244437995	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8062.7409966588	Sum of GTIs [s]
livetime	7960.6457153593	Livetime [s]
ontime0	8062.6999566555	Sum of GTIs [s]
ontime1	8062.6589166522	Sum of GTIs [s]
ontime2	8059.3768863082	Sum of GTIs [s]
ontime3	8062.7820366621	Sum of GTIs [s]
ontime5	8062.5768366456	Sum of GTIs [s]
ontime7	8062.7409966588	Sum of GTIs [s]
l2events	321944	Number of level 2 events

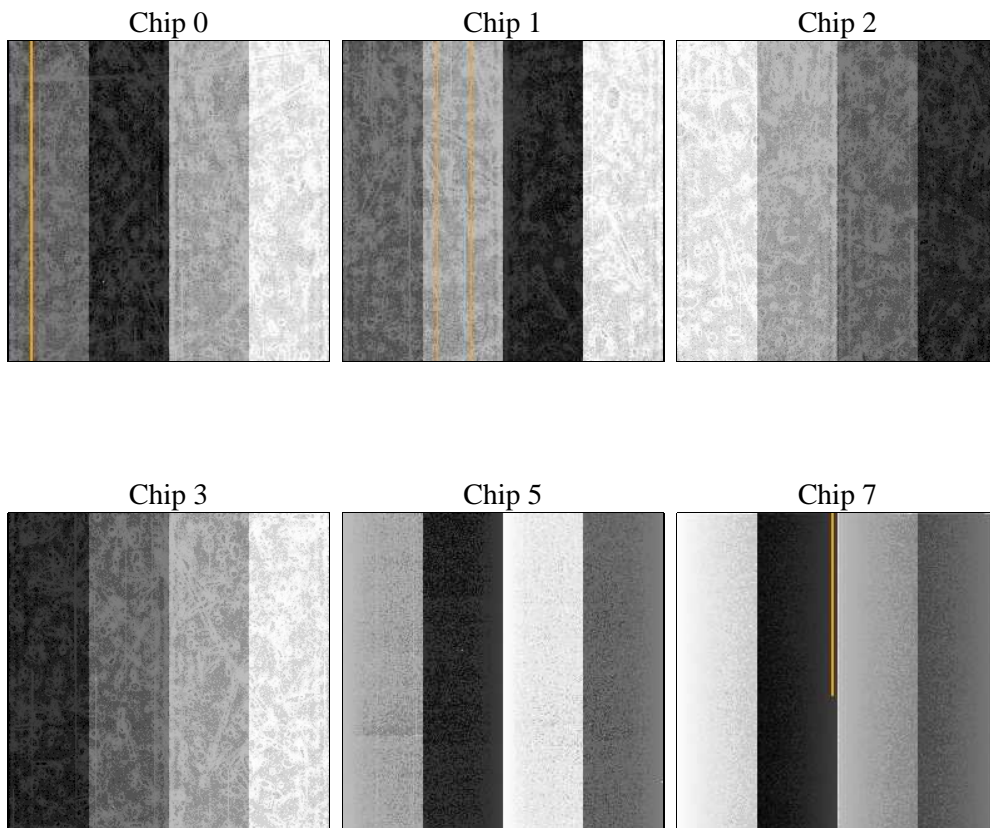
2 OBI

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	8062.7409966588	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8062.6999566555	Sum of GTIs [s]
date	2012-02-20T01:53:26	Date and time of file creation	ontime1	8062.6589166522	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8059.3768863082	Sum of GTIs [s]
			ontime3	8062.7820366621	Sum of GTIs [s]
			ontime5	8062.5768366456	Sum of GTIs [s]
			ontime7	8062.7409966588	Sum of GTIs [s]
			l1events	679100	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	98632	96698	101405	105777	142795	133793	grade 0 events	24829	24400	25689	26005	14727	13272
rejected events	52385	50255	54936	58783	60570	58827		25%	25%	25%	24%	10%	9%
rejected %	53%	51%	54%	55%	42%	43%	grade 1 events	165	136	180	151	161	110
								0%	0%	0%	0%	0%	0%
							grade 2 events	9025	9265	8375	8423	28563	16750
								9%	9%	8%	7%	20%	12%
							grade 3 events	3170	3222	3289	3332	3590	7118
								3%	3%	3%	3%	2%	5%
							grade 4 events	3174	3245	3304	3365	3443	6853
								3%	3%	3%	3%	2%	5%
							grade 5 events	3336	3368	3116	3675	7760	9046
								3%	3%	3%	3%	5%	6%
							grade 6 events	7319	7619	7097	7135	34183	32996
								7%	7%	6%	6%	23%	24%
							grade 7 events	47614	45443	50355	53691	50368	47648
								48%	46%	49%	50%	35%	35%

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	320.9777278258259
[deg] Pointing Dec	0	7.981000951248157
[deg] Pointing Roll	0.0	187.572444379949
[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)	429744879.101529	429744879.101529
Observation start date	2011-08-14T21:34:39	2011-08-14T21:34:39
[s] Observation end time (MET)	429754426.797559	429754426.797559
Observation end date	2011-08-15T00:13:47	2011-08-15T00:13:46
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0627409966588

A.2 Comments