

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58776 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 10 2012

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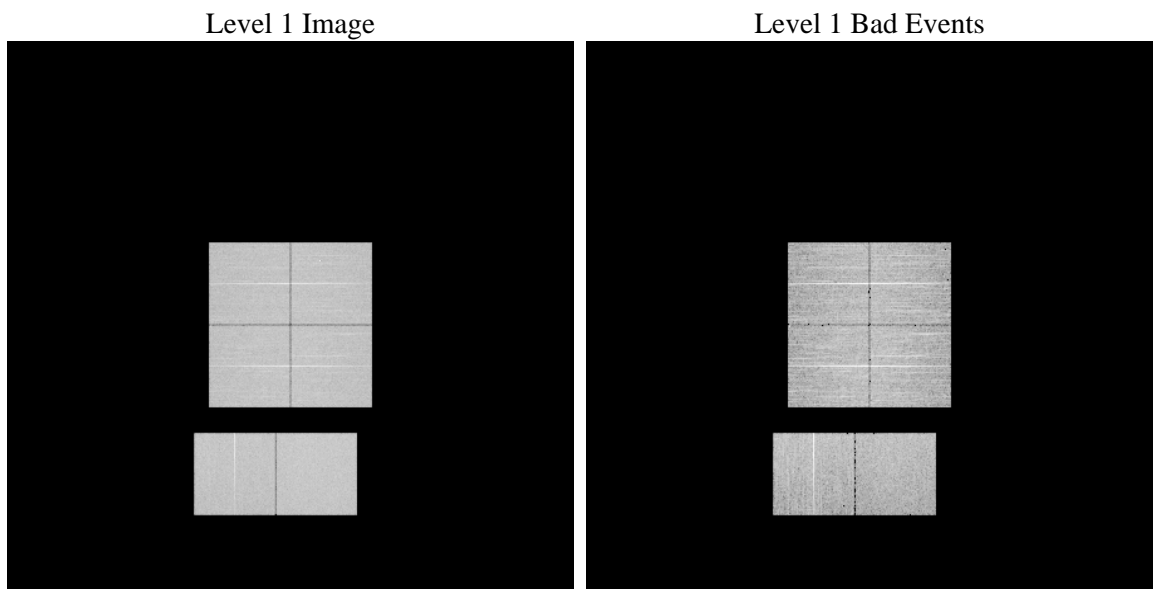
1 Front

seq_num	 	Sequence number
obs_id	58776	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	346.98136122315	Nominal RA [deg]
dec_nom	29.976331268157	Nominal Dec [deg]
roll_nom	202.87868039176	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7795.1999710202	Sum of GTIs [s]
livetime	7696.4924552813	Livetime [s]
ontime0	7795.1999710202	Sum of GTIs [s]
ontime1	7795.1999710202	Sum of GTIs [s]
ontime2	7795.1999710202	Sum of GTIs [s]
ontime3	7795.1999710202	Sum of GTIs [s]
ontime6	7795.1999710202	Sum of GTIs [s]
ontime7	7795.1999710202	Sum of GTIs [s]
l2events	808097	Number of level 2 events

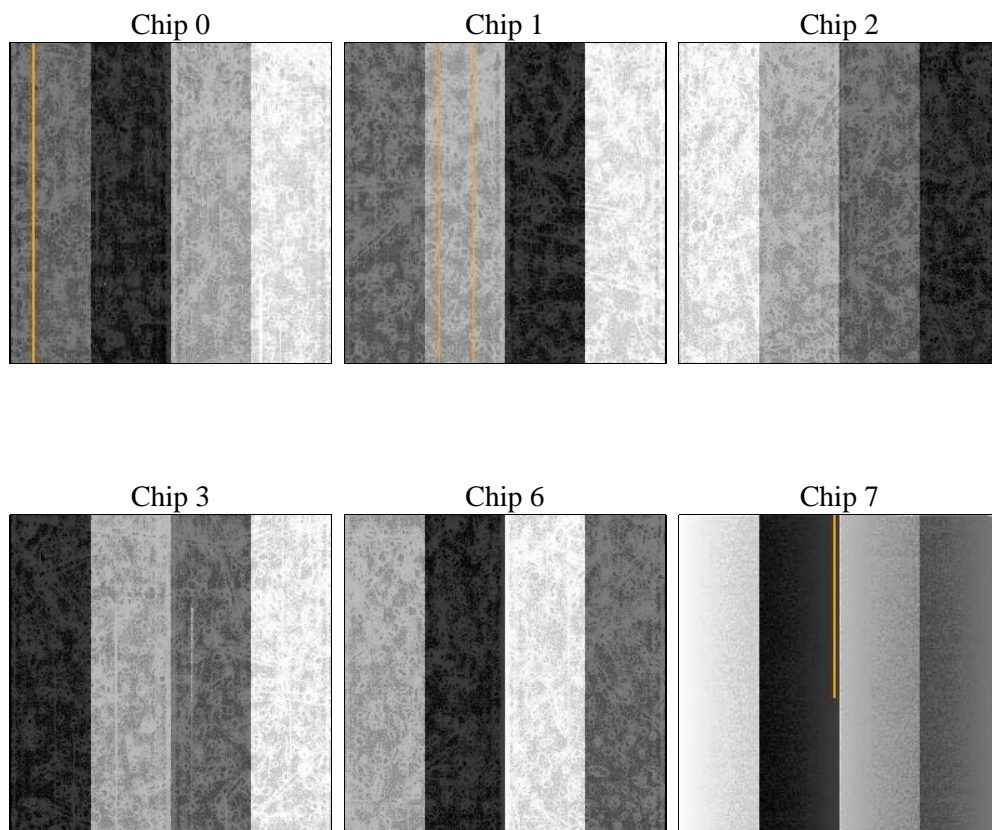
2 OBI

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	8.4.3.1	Processing system revision	ontime	7795.1999710202	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7795.1999710202	Sum of GTIs [s]
date	2012-04-10T08:59:32	Date and time of file creation	ontime1	7795.1999710202	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7795.1999710202	Sum of GTIs [s]
			ontime3	7795.1999710202	Sum of GTIs [s]
			ontime6	7795.1999710202	Sum of GTIs [s]
			ontime7	7795.1999710202	Sum of GTIs [s]
			l1events	1245744	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	197689	201964	206060	206556	208295	225180	grade 0 events	72775	73522	75798	76094	75548	36849
rejected events	63483	66278	69364	69475	67083	58393		36%	36%	36%	36%	36%	16%
rejected %	32%	32%	33%	33%	32%	25%	grade 1 events	476	429	570	547	411	143
								0%	0%	0%	0%	0%	0%
							grade 2 events	23830	24506	23232	23400	24825	36179
								12%	12%	11%	11%	11%	16%
							grade 3 events	8879	8795	8995	9209	9054	16358
								4%	4%	4%	4%	4%	7%
							grade 4 events	8931	8869	9121	9227	9036	16043
								4%	4%	4%	4%	4%	7%
							grade 5 events	3522	3791	3436	4117	3981	9747
								1%	1%	1%	1%	1%	4%
							grade 6 events	19836	20054	19611	19204	22803	61442
								10%	9%	9%	9%	10%	27%
							grade 7 events	59440	61998	65297	64758	62637	48419
								30%	30%	31%	31%	30%	21%

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	346.9813612231507
[deg] Pointing Dec	0	29.97633126815672
[deg] Pointing Roll	0.0	202.8786803917606
[mm] SIM focus pos	-0.782348	-1.526339935833849
[mm] SIM defocus	0	0.006996703570447904
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	275287427.793876	275287426.76887
Observation start date	2006-09-22T04:43:48	2006-09-22T04:43:46
[s] Observation end time (MET)	275304867.144696	275304866.11969
Observation end date	2006-09-22T09:34:27	2006-09-22T09:34:26
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	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)	2012.04.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7951999710202

A.2 Comments