

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57510 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 24 2012

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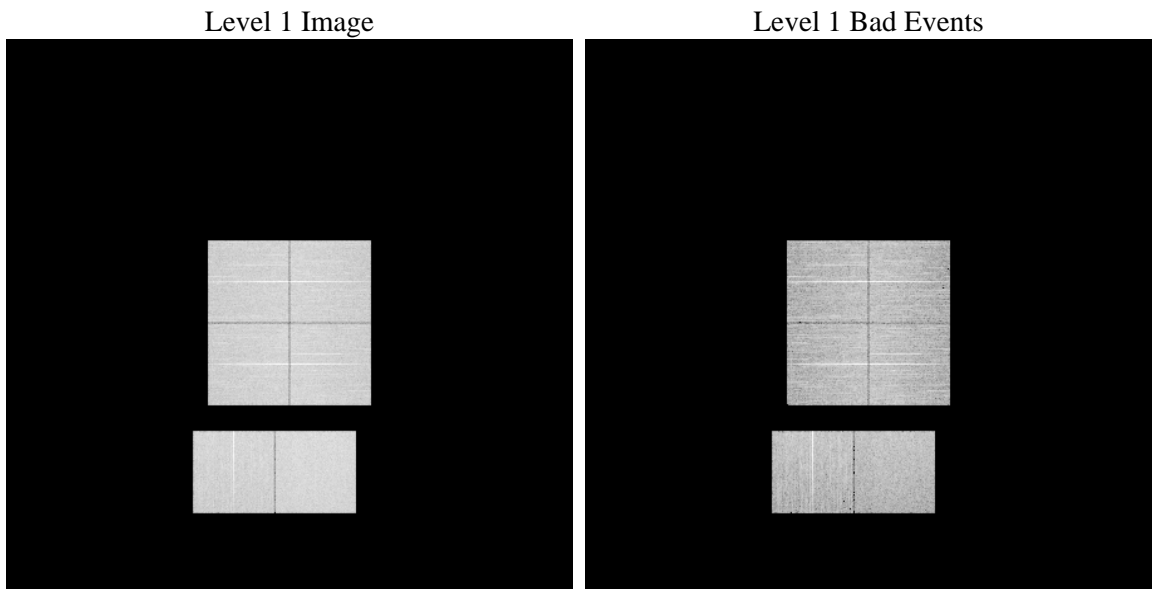
1 Front

seq_num	 	Sequence number
obs_id	57510	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	71.97222773932	Nominal RA [deg]
dec_nom	30.015746744301	Nominal Dec [deg]
roll_nom	113.91034759083	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7766.3999711275	Sum of GTIs [s]
livetime	7668.0571383285	Livetime [s]
ontime0	7766.3999711275	Sum of GTIs [s]
ontime1	7766.3999711275	Sum of GTIs [s]
ontime2	7766.3833318949	Sum of GTIs [s]
ontime3	7766.3999711275	Sum of GTIs [s]
ontime6	7766.3422918916	Sum of GTIs [s]
ontime7	7766.3999711275	Sum of GTIs [s]
l2events	559570	Number of level 2 events

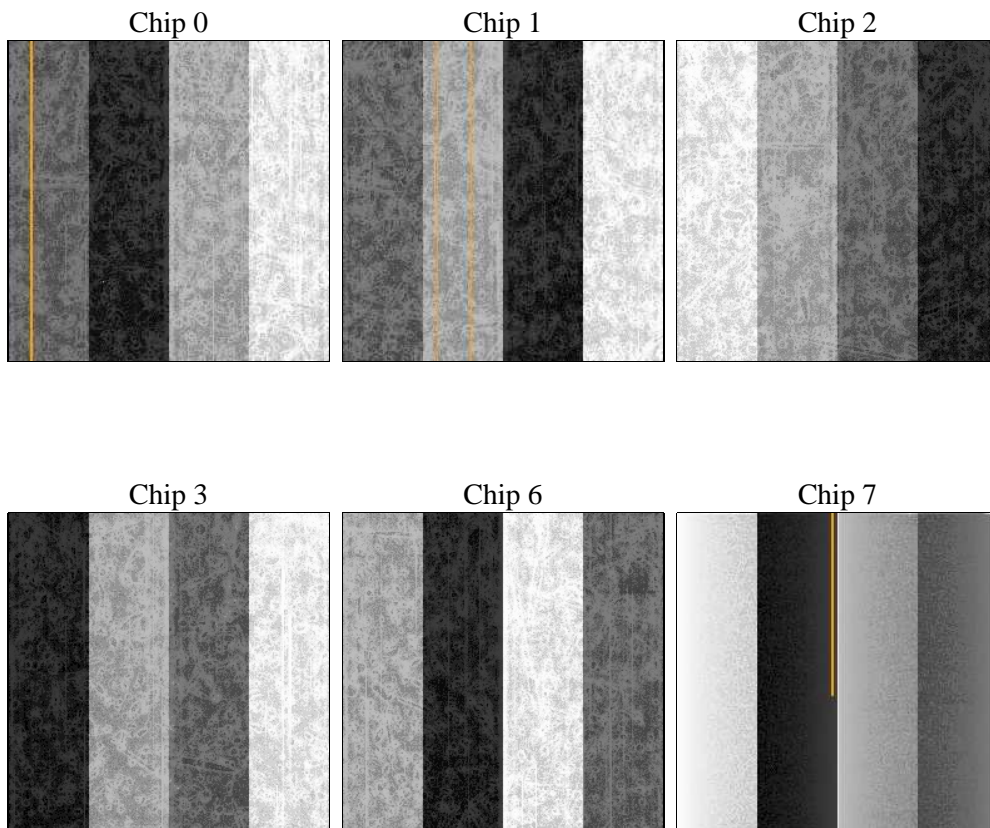
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6900	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7766.3999711275	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7766.3999711275	Sum of GTIs [s]
date	2012-05-24T03:10:54	Date and time of file creation	ontime1	7766.3999711275	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7766.3833318949	Sum of GTIs [s]
			ontime3	7766.3999711275	Sum of GTIs [s]
			ontime6	7766.3422918916	Sum of GTIs [s]
			ontime7	7766.3999711275	Sum of GTIs [s]
			l1events	1013027	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	160694	161197	163530	166722	168837	192047	grade 0 events	49068	48337	50234	50189	49651	25603
rejected events	68828	69110	71450	74285	73013	65438		30%	29%	30%	30%	29%	13%
rejected %	42%	42%	43%	44%	43%	34%	grade 1 events	328	291	396	403	302	171
								0%	0%	0%	0%	0%	0%
							grade 2 events	16585	17193	15707	16011	16988	27580
								10%	10%	9%	9%	10%	14%
							grade 3 events	6141	6029	6194	6217	6187	11730
								3%	3%	3%	3%	3%	6%
							grade 4 events	6008	6056	6244	6410	6299	11551
								3%	3%	3%	3%	3%	6%
							grade 5 events	3823	4078	3582	4265	4106	10509
								2%	2%	2%	2%	2%	5%
							grade 6 events	14457	14867	14077	14022	17099	50655
								8%	9%	8%	8%	10%	26%
							grade 7 events	64284	64346	67096	69205	68205	54248
								40%	39%	41%	41%	40%	28%

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	71.97222717149404	71.97222773931973
[deg] Pointing Dec	30.01574690997094	30.01574674430091
[deg] Pointing Roll	113.9103478803603	113.9103475908296
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	342917512.513298	342917512.513298
Observation start date	2008-11-12T23:24:00	2008-11-12T22:51:52
[s] Observation end time (MET)	342927030.212447	342927030.212447
Observation end date	2008-11-13T01:19:00	2008-11-13T01:30:30
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)	2012.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7663999711275

A.2 Comments