

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58300 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 28 2012

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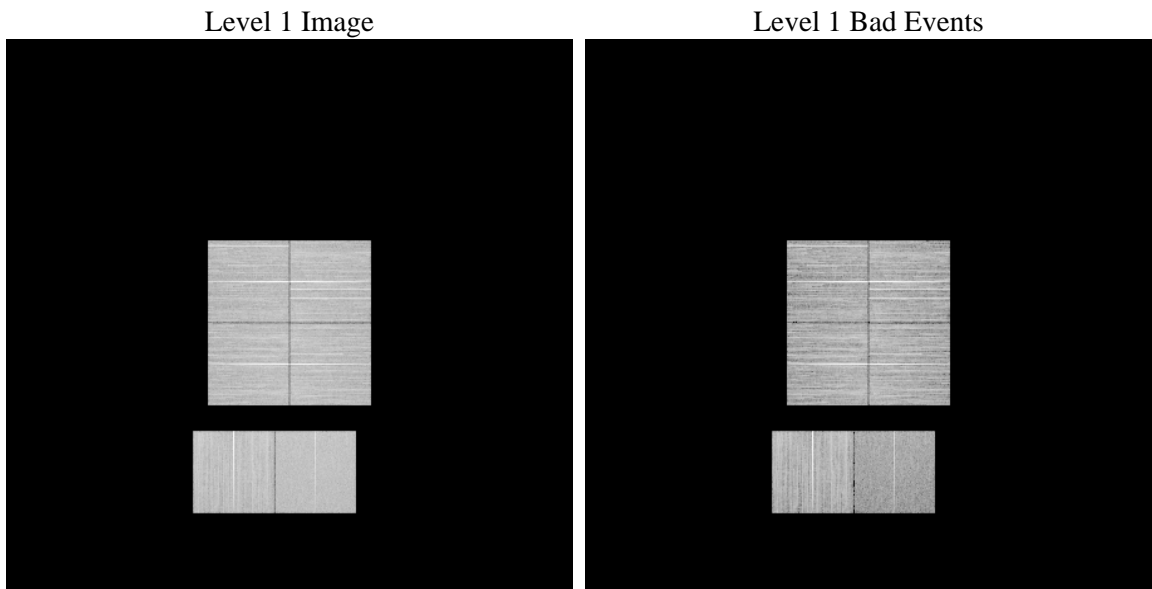
1 Front

seq_num	 	Sequence number
obs_id	58300	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	337.98709756564	Nominal RA [deg]
dec_nom	-26.973689835571	Nominal Dec [deg]
roll_nom	80.717166517321	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7883.8818407059	Sum of GTIs [s]
livetime	7784.0513817351	Livetime [s]
ontime0	6214.7394023538	Sum of GTIs [s]
ontime1	6394.5174659491	Sum of GTIs [s]
ontime2	5958.6202595234	Sum of GTIs [s]
ontime3	6192.1349099874	Sum of GTIs [s]
ontime6	6499.8222293854	Sum of GTIs [s]
ontime7	7883.8818407059	Sum of GTIs [s]
l2events	583915	Number of level 2 events

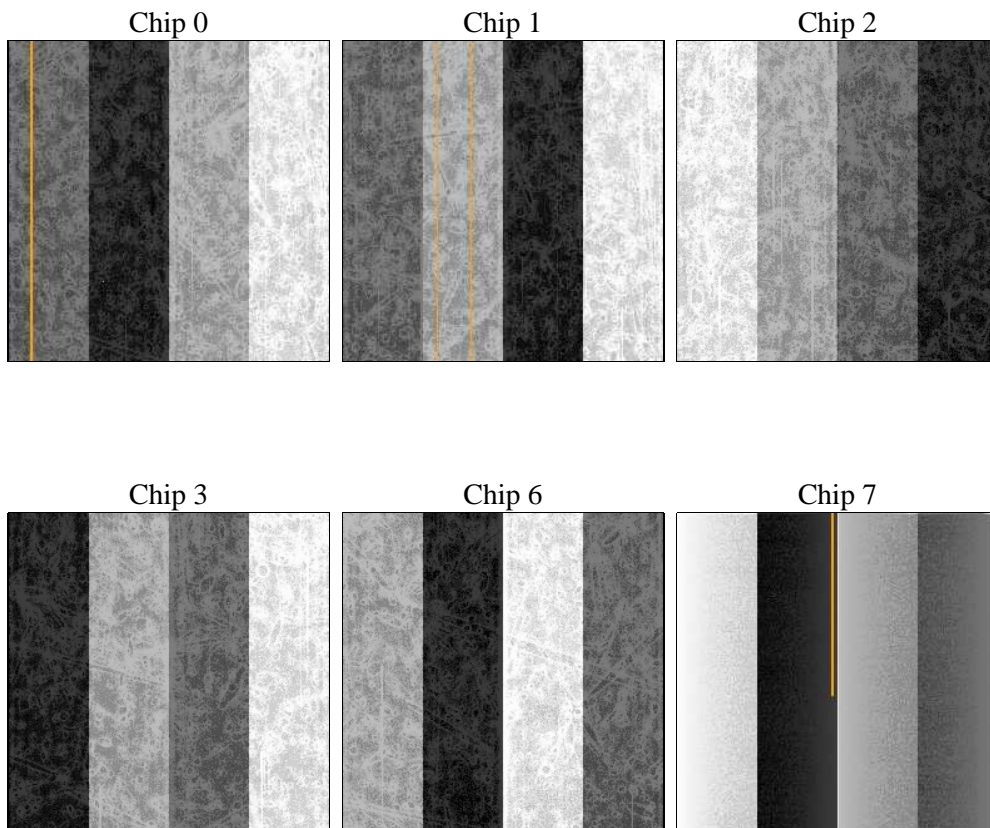
2 OBI

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	8.4.4	Processing system revision	ontime	7883.8818407059	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	6214.7394023538	Sum of GTIs [s]
date	2012-04-28T17:31:52	Date and time of file creation	ontime1	6394.5174659491	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5958.6202595234	Sum of GTIs [s]
			ontime3	6192.1349099874	Sum of GTIs [s]
			ontime6	6499.8222293854	Sum of GTIs [s]
			ontime7	7883.8818407059	Sum of GTIs [s]
			l1events	1428384	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	223852	242049	233055	235637	253639	240152	grade 0 events	48669	49489	47737	49620	52288	31219
rejected events	133487	148875	145961	144951	154464	86051		21%	20%	20%	21%	20%	12%
rejected %	59%	61%	62%	61%	60%	35%	grade 1 events	339	298	338	377	342	167
								0%	0%	0%	0%	0%	0%
							grade 2 events	16641	17711	15324	16223	18087	37298
								7%	7%	6%	6%	7%	15%
							grade 3 events	5893	6085	5891	5970	6425	14403
								2%	2%	2%	2%	2%	5%
							grade 4 events	5871	6044	5754	6079	6329	14301
								2%	2%	2%	2%	2%	5%
							grade 5 events	3026	3133	2726	3369	3476	10569
								1%	1%	1%	1%	1%	4%
							grade 6 events	13291	13845	12388	12794	16097	56880
								5%	5%	5%	5%	6%	23%
							grade 7 events	130122	145444	142897	141205	150595	75315
								58%	60%	61%	59%	59%	31%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	337.987097565639	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-26.9736898355708	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	80.71716651732113			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	302017719.363966	302017718.33897			
Observation start date	2007-07-28T13:48:39	2007-07-28T13:48:38			
[s] Observation end time (MET)	302071125.966528	302071124.94153			
Observation end date	2007-07-29T04:38:46	2007-07-29T04:38:44			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8838818407059

A.2 Comments