

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58322 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 27 2012

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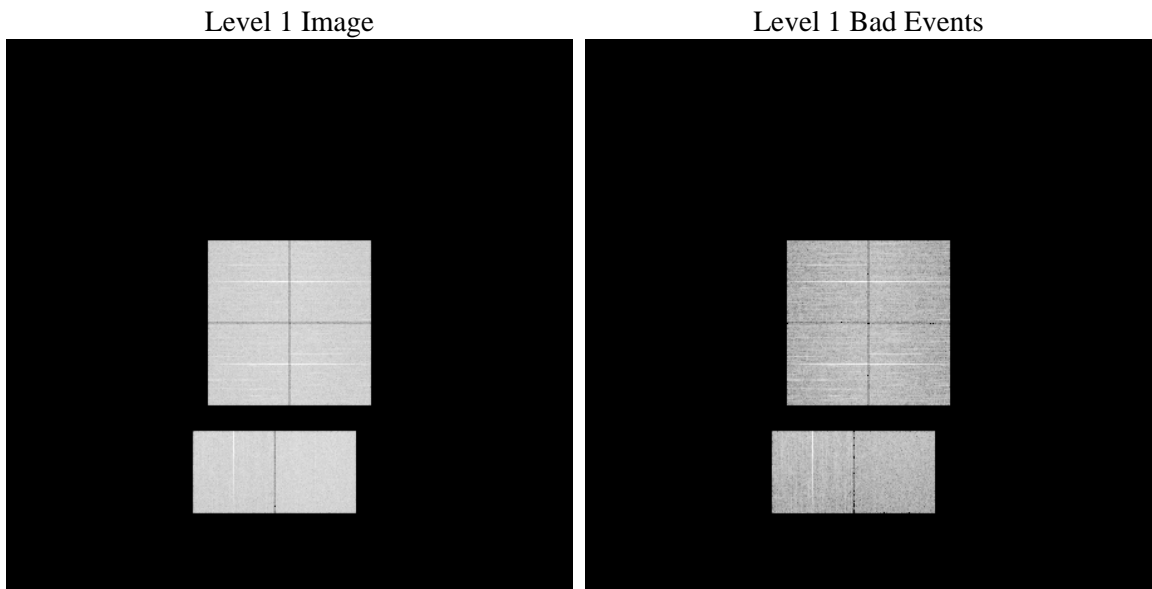
1 Front

seq_num	 	Sequence number
obs_id	58322	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	258.01545627491	Nominal RA [deg]
dec_nom	-23.725005438945	Nominal Dec [deg]
roll_nom	266.70128029923	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7794.5485033989	Sum of GTIs [s]
livetime	7695.8492369352	Livetime [s]
ontime0	7794.5074633956	Sum of GTIs [s]
ontime1	7794.4664233923	Sum of GTIs [s]
ontime2	7794.425383389	Sum of GTIs [s]
ontime3	7794.5895434022	Sum of GTIs [s]
ontime6	7794.3843433857	Sum of GTIs [s]
ontime7	7794.5485033989	Sum of GTIs [s]
l2events	676768	Number of level 2 events

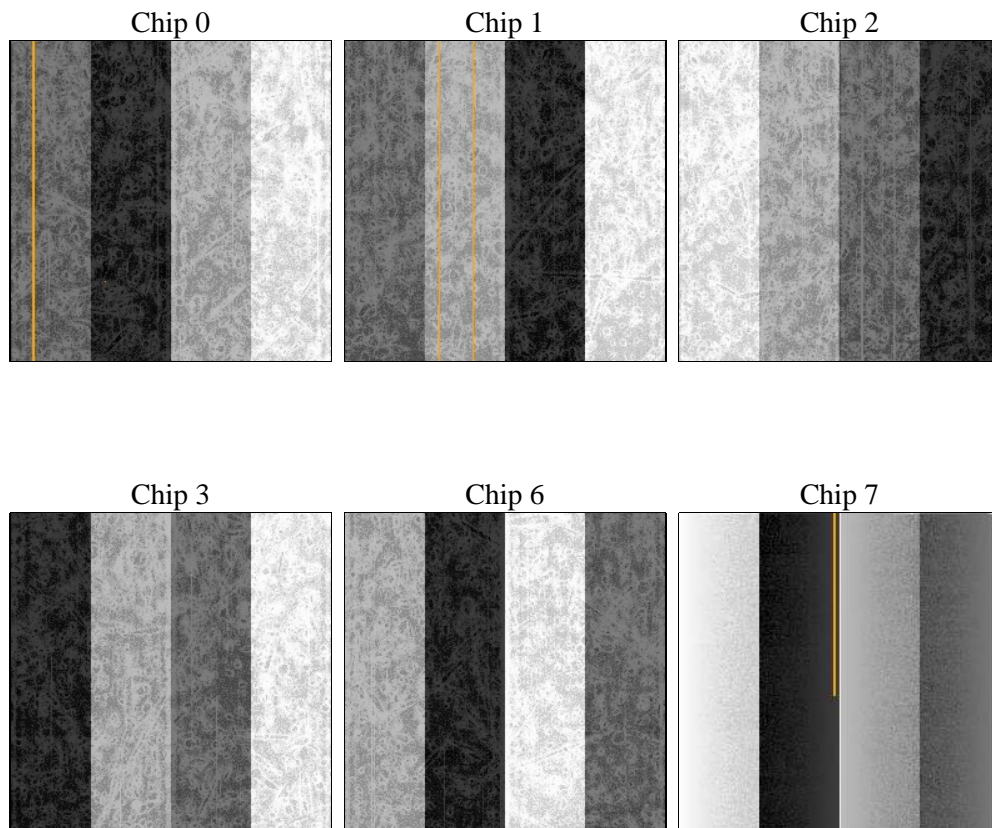
2 OBI

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	7794.5485033989	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7794.5074633956	Sum of GTIs [s]
date	2012-04-27T16:47:42	Date and time of file creation	ontime1	7794.4664233923	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7794.425383389	Sum of GTIs [s]
			ontime3	7794.5895434022	Sum of GTIs [s]
			ontime6	7794.3843433857	Sum of GTIs [s]
			ontime7	7794.5485033989	Sum of GTIs [s]
			l1events	1122955	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	178067	179092	186010	185320	187069	207397	grade 0 events	60339	60070	62440	62913	62288	30416
rejected events	65676	67053	73010	71639	69992	61696		33%	33%	33%	33%	33%	14%
rejected %	36%	37%	39%	38%	37%	29%	grade 1 events	429	375	501	509	407	177
								0%	0%	0%	0%	0%	0%
							grade 2 events	20293	20478	19263	19485	20330	31761
								11%	11%	10%	10%	10%	15%
							grade 3 events	7609	7285	7532	7650	7436	13942
								4%	4%	4%	4%	3%	6%
							grade 4 events	7402	7373	7577	7590	7540	13869
								4%	4%	4%	4%	4%	6%
							grade 5 events	3826	4000	3538	4151	4217	10268
								2%	2%	1%	2%	2%	4%
							grade 6 events	16748	16833	16188	16043	19483	55713
								9%	9%	8%	8%	10%	26%
							grade 7 events	61421	62678	68971	66979	65368	51251
								34%	34%	37%	36%	34%	24%

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	258.0154562749087	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-23.72500543894474	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	266.7012802992346			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	300420652.437412	300420651.41242			
Observation start date	2007-07-10T02:10:52	2007-07-10T02:10:51			
[s] Observation end time (MET)	300438391.088261	300438390.06327			
Observation end date	2007-07-10T07:06:31	2007-07-10T07:06:30			
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)	2012.04.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7945485033989

A.2 Comments