

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58446 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 22 2012

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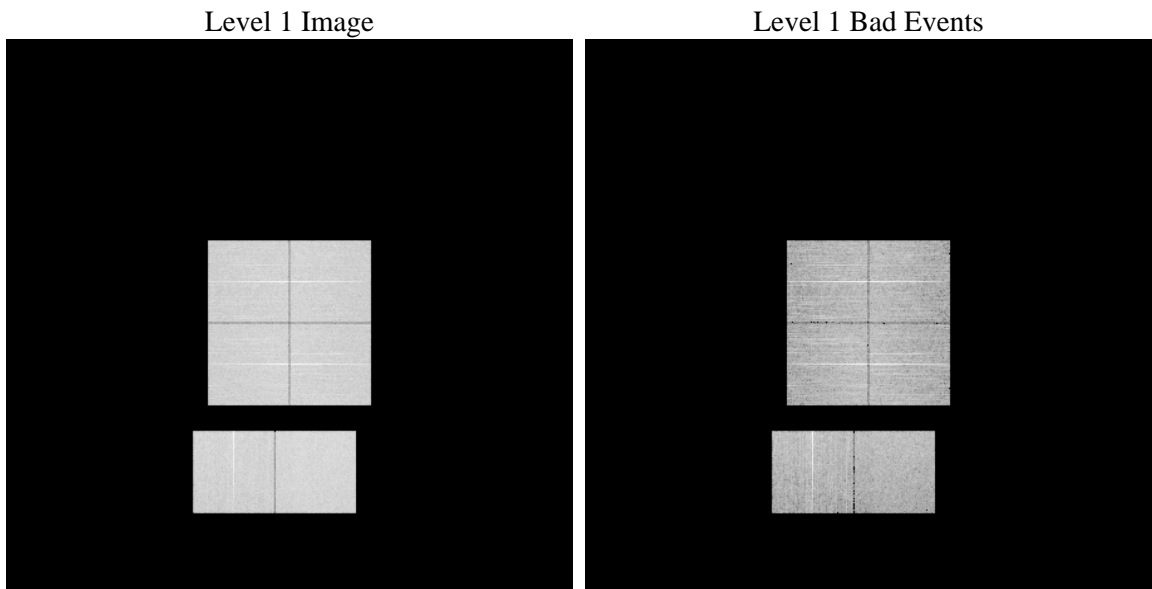
1 Front

seq_num	 	Sequence number
obs_id	58446	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	66.110768431586	Nominal RA [deg]
dec_nom	-4.2266170560804	Nominal Dec [deg]
roll_nom	259.07975645227	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	727313	Number of level 2 events

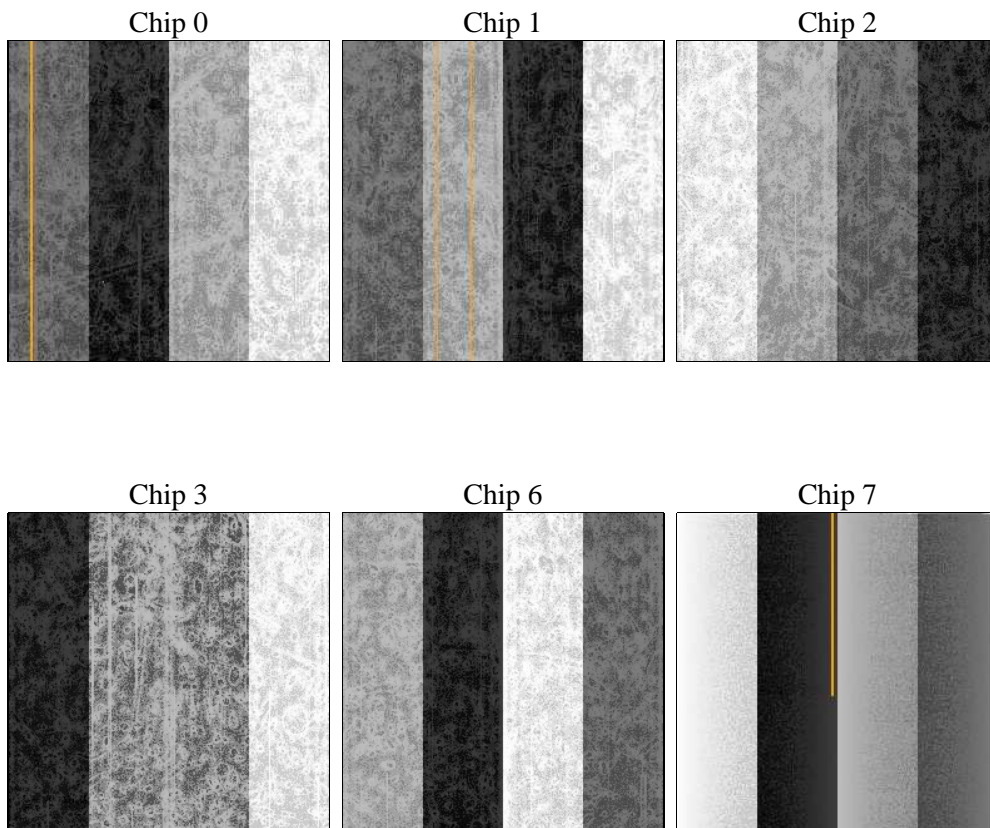
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7795.1999710202	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7795.1999710202	Sum of GTIs [s]
date	2012-04-22T21:07:45	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	1169946	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	188345	186682	191956	192686	195857	214420	grade 0 events	65693	65184	66980	68184	67315	33261
rejected events	67338	65237	71080	69873	69155	60807		34%	34%	34%	35%	34%	15%
rejected %	35%	34%	37%	36%	35%	28%	grade 1 events	426	407	530	544	424	160
								0%	0%	0%	0%	0%	0%
							grade 2 events	21251	22106	20584	21011	22409	33675
								11%	11%	10%	10%	11%	15%
							grade 3 events	8042	7864	8048	8178	8002	14715
								4%	4%	4%	4%	4%	6%
							grade 4 events	7888	7949	7984	8141	7981	14780
								4%	4%	4%	4%	4%	6%
							grade 5 events	3695	3802	3658	4043	4076	10056
								1%	2%	1%	2%	2%	4%
							grade 6 events	18133	18342	17280	17350	20995	57251
								9%	9%	9%	9%	10%	26%
							grade 7 events	63217	61028	66892	65235	64655	50522
								33%	32%	34%	33%	33%	23%

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	66.11076843158571
[deg] Pointing Dec	0	-4.226617056080434
[deg] Pointing Roll	0.0	259.0797564522652
[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)	292193587.944417	292193586.91942
Observation start date	2007-04-05T20:53:08	2007-04-05T20:53:06
[s] Observation end time (MET)	292211049.84525	292211048.82025
Observation end date	2007-04-06T01:44:10	2007-04-06T01:44:08
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)	2012.04.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7951999710202

A.2 Comments