

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58529 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 20 2012

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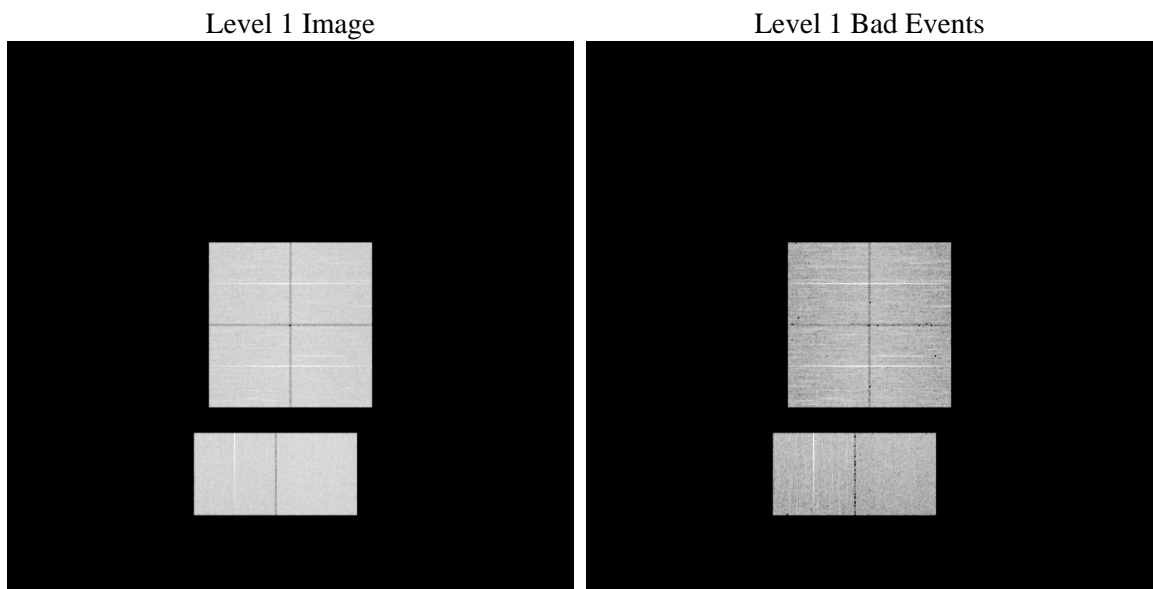
1 Front

seq_num	 	Sequence number
obs_id	58529	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	117.02347041893	Nominal RA [deg]
dec_nom	6.9816502139987	Nominal Dec [deg]
roll_nom	283.36516095036	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8249.5999693274	Sum of GTIs [s]
livetime	8145.1385672031	Livetime [s]
ontime0	8249.5999693274	Sum of GTIs [s]
ontime1	8249.5999693274	Sum of GTIs [s]
ontime2	8249.5999693274	Sum of GTIs [s]
ontime3	8249.5999693274	Sum of GTIs [s]
ontime6	8249.5999693274	Sum of GTIs [s]
ontime7	8249.5999693274	Sum of GTIs [s]
l2events	777032	Number of level 2 events

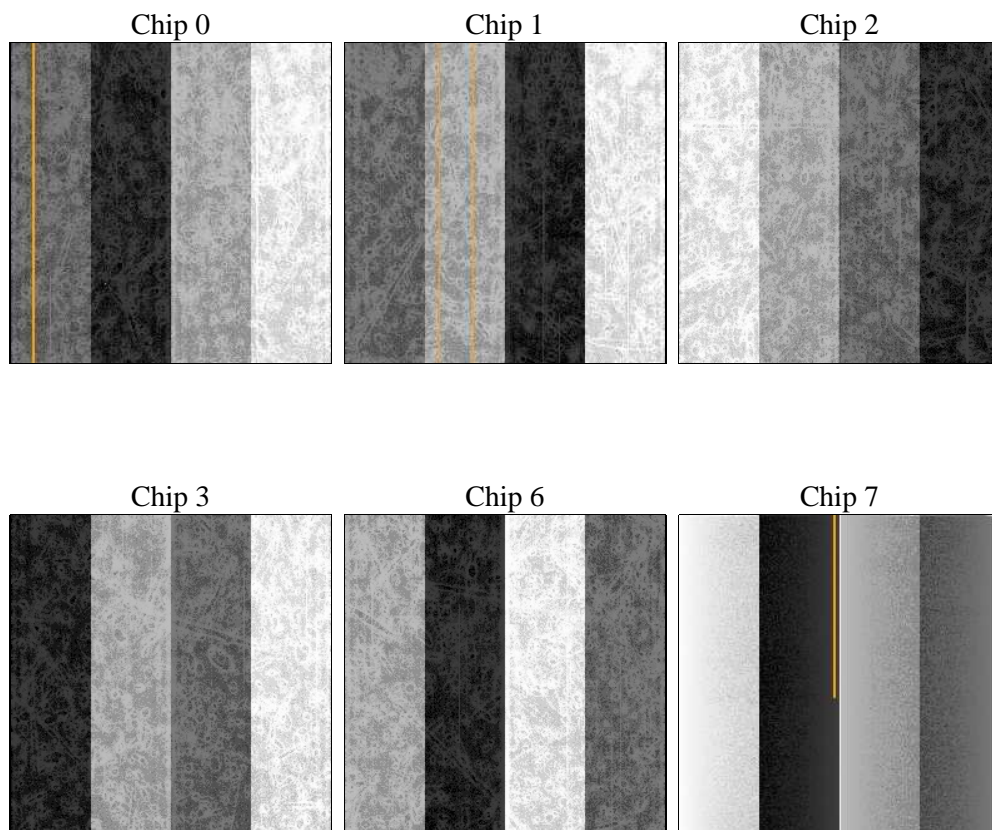
2 OBI

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	8249.5999693274	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8249.5999693274	Sum of GTIs [s]
date	2012-04-20T05:00:18	Date and time of file creation	ontime1	8249.5999693274	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8249.5999693274	Sum of GTIs [s]
			ontime3	8249.5999693274	Sum of GTIs [s]
			ontime6	8249.5999693274	Sum of GTIs [s]
			ontime7	8249.5999693274	Sum of GTIs [s]
			l1events	1221946	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	194845	195254	202550	202442	204132	222723	grade 0 events	70663	70484	72391	72981	72394	34832
rejected events	65383	64929	72095	71236	68657	60814		36%	36%	35%	36%	35%	15%
rejected %	33%	33%	35%	35%	33%	27%	grade 1 events	509	414	576	563	406	181
								0%	0%	0%	0%	0%	0%
							grade 2 events	22665	23671	22385	22433	23927	35256
								11%	12%	11%	11%	11%	15%
							grade 3 events	8547	8593	8653	8685	8599	15716
								4%	4%	4%	4%	4%	7%
							grade 4 events	8614	8380	8686	8783	8578	15323
								4%	4%	4%	4%	4%	6%
							grade 5 events	3773	3861	3616	4176	4047	10124
								1%	1%	1%	2%	1%	4%
							grade 6 events	19355	19562	18713	18689	22324	61233
								9%	10%	9%	9%	10%	27%
							grade 7 events	60719	60289	67530	66132	63857	50058
								31%	30%	33%	32%	31%	22%

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	117.0234704189269
[deg] Pointing Dec	0	6.98165021399865
[deg] Pointing Roll	0.0	283.3651609503557
[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)	287892716.439826	287892715.41484
Observation start date	2007-02-15T02:11:56	2007-02-15T02:11:55
[s] Observation end time (MET)	287916207.390942	287916206.36595
Observation end date	2007-02-15T08:43:27	2007-02-15T08:43:26
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.04.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2495999693274

A.2 Comments