

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62117 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 24 2012

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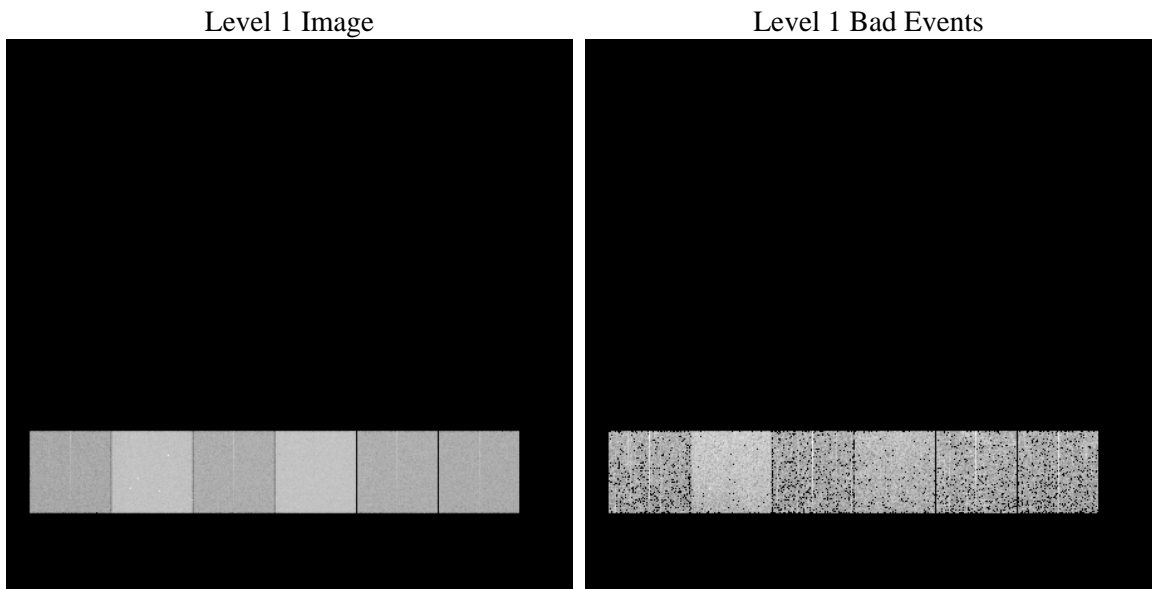
1 Front

seq_num	 	Sequence number
obs_id	62117	Observation id
title	ACIS-456789 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	92.018772194363	Nominal RA [deg]
dec_nom	-28.023600873152	Nominal Dec [deg]
roll_nom	272.88122856952	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2964.6124194413	Sum of GTIs [s]
livetime	2927.0727119111	Livetime [s]
ontime4	1167.1100236475	Sum of GTIs [s]
ontime5	3183.0242852122	Sum of GTIs [s]
ontime6	1327.9769615978	Sum of GTIs [s]
ontime7	2964.6124194413	Sum of GTIs [s]
ontime8	1348.6081934124	Sum of GTIs [s]
ontime9	1298.6845714301	Sum of GTIs [s]
l2events	928219	Number of level 2 events

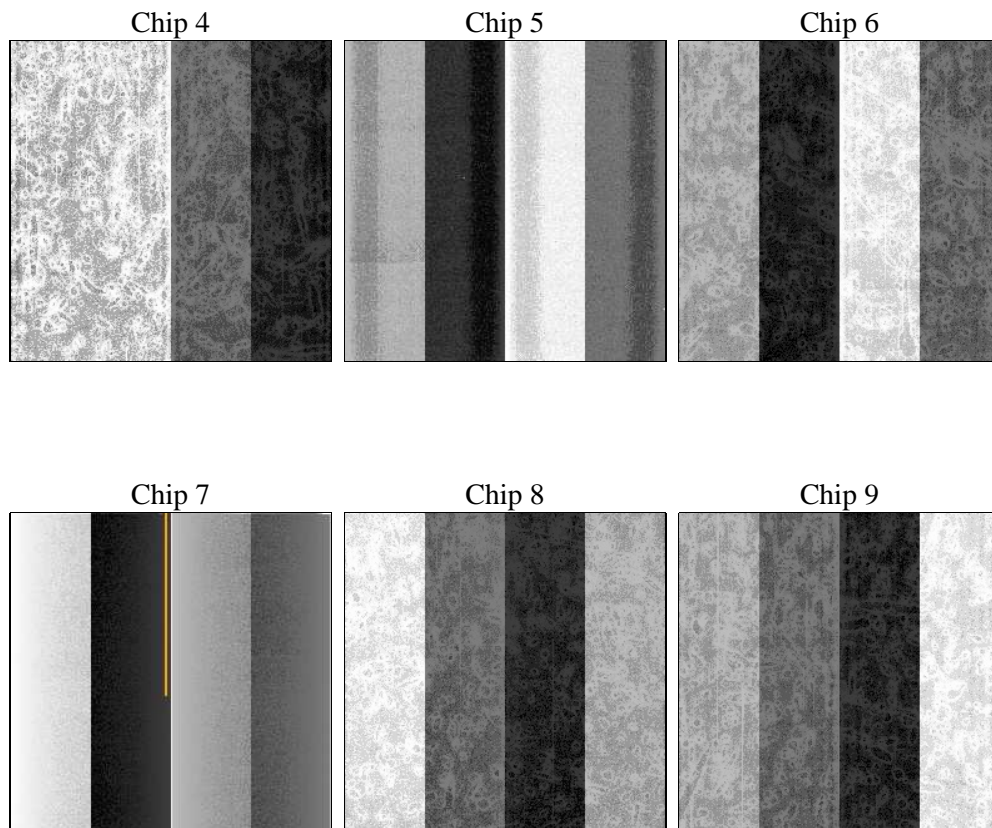
2 OBI

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	8.4.5	Processing system revision	ontime	2964.6124194413	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	1167.1100236475	Sum of GTIs [s]
date	2012-08-24T15:00:59	Date and time of file creation	ontime5	3183.0242852122	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	1327.9769615978	Sum of GTIs [s]
			ontime7	2964.6124194413	Sum of GTIs [s]
			ontime8	1348.6081934124	Sum of GTIs [s]
			ontime9	1298.6845714301	Sum of GTIs [s]
			l1events	1064862	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	110935	274805	132908	284278	136386	125550	grade 0 events	55758	63175	66189	68584	67407	62407
rejected events	13040	26904	12622	17409	14410	12301		50%	22%	49%	24%	49%	49%
rejected %	11%	9%	9%	6%	10%	9%	grade 1 events	365	206	375	191	360	362
								0%	0%	0%	0%	0%	0%
							grade 2 events	17280	87096	20809	59362	21547	19899
								15%	31%	15%	20%	15%	15%
							grade 3 events	5994	16646	7394	27651	7789	7136
								5%	6%	5%	9%	5%	5%
							grade 4 events	6001	16162	7142	27323	7663	7051
								5%	5%	5%	9%	5%	5%
							grade 5 events	914	5367	937	3803	1050	941
								0%	1%	0%	1%	0%	0%
							grade 6 events	13417	65805	19039	84826	18164	17023
								12%	23%	14%	29%	13%	13%
							grade 7 events	11206	20348	11023	12538	12406	10731
								10%	7%	8%	4%	9%	8%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	92.01877219436263
[deg] Pointing Dec	0	-28.0236008731523
[deg] Pointing Roll	0.0	272.8812285695162
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	69716643.474751	69716642.706282
Observation start date	2000-03-17T21:44:03	2000-03-17T21:44:02
[s] Observation end time (MET)	69724097.275024	69724096.50655399
Observation end date	2000-03-17T23:48:17	2000-03-17T23:48:16
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)	2012.08.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.9646124194413

A.2 Comments