

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58138 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 4 2012

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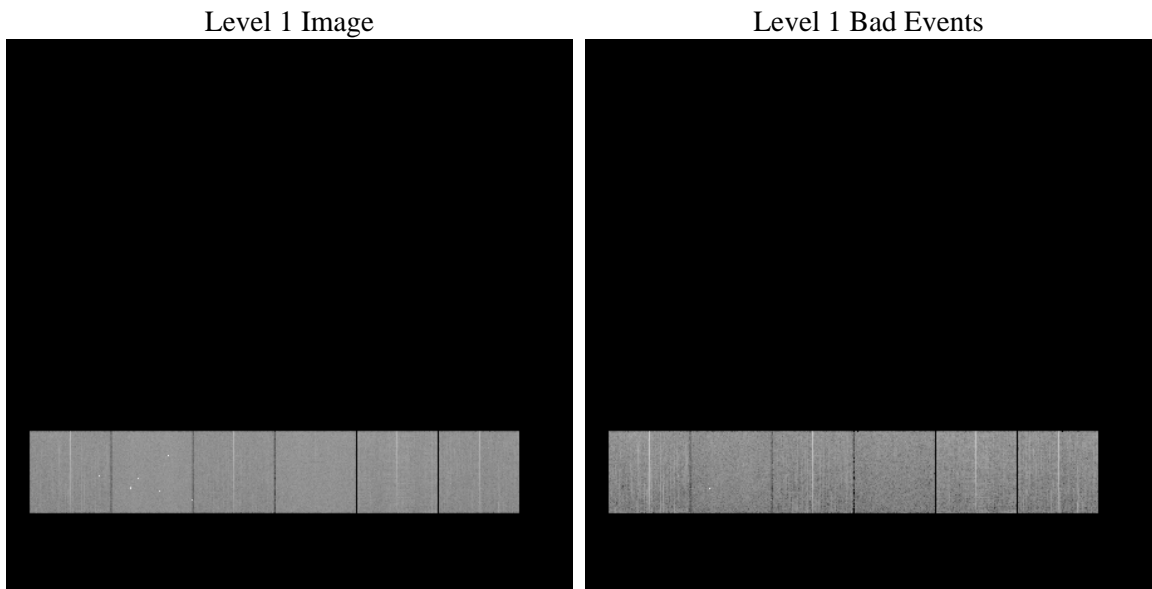
1 Front

seq_num	 	Sequence number
obs_id	58138	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	70.992151403192	Nominal RA [deg]
dec_nom	8.5276390576534	Nominal Dec [deg]
roll_nom	72.841194690506	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8262.2097097039	Sum of GTIs [s]
livetime	8157.5886354542	Livetime [s]
ontime4	8262.086589694	Sum of GTIs [s]
ontime5	8262.1686697006	Sum of GTIs [s]
ontime6	8262.1276296973	Sum of GTIs [s]
ontime7	8262.2097097039	Sum of GTIs [s]
ontime8	8262.0455496907	Sum of GTIs [s]
ontime9	8262.2507497072	Sum of GTIs [s]
l2events	693929	Number of level 2 events

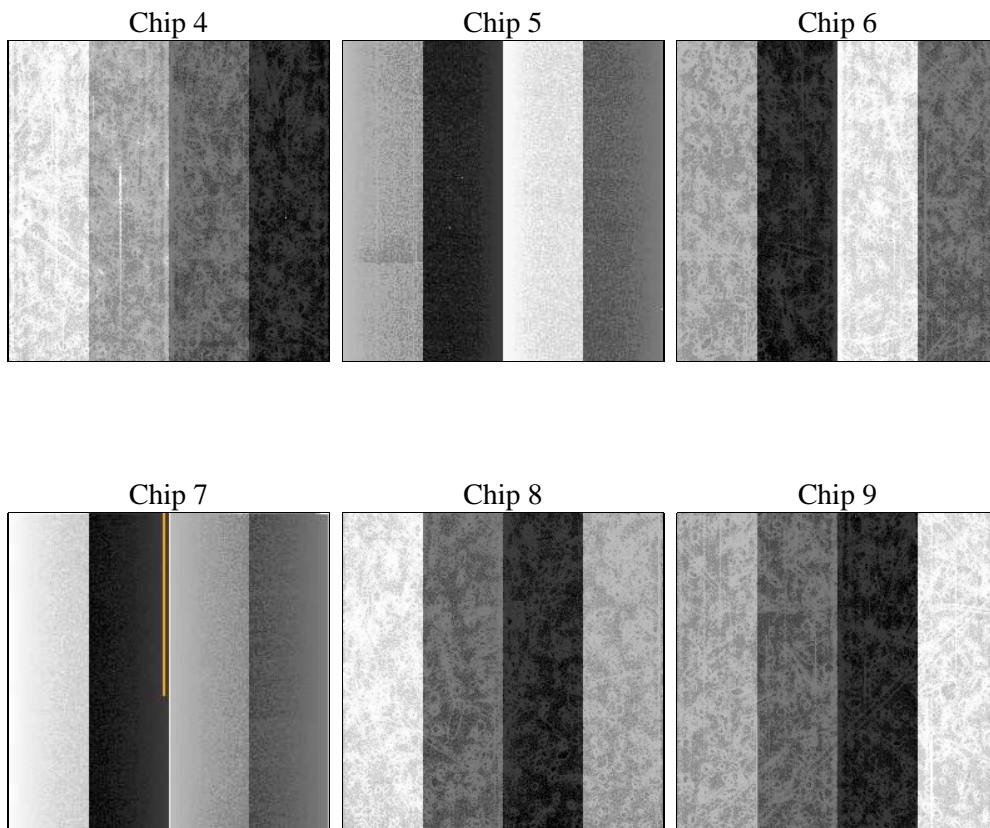
2 OBI

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	8262.2097097039	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8262.086589694	Sum of GTIs [s]
date	2012-05-04T03:27:38	Date and time of file creation	ontime5	8262.1686697006	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8262.1276296973	Sum of GTIs [s]
			ontime7	8262.2097097039	Sum of GTIs [s]
			ontime8	8262.0455496907	Sum of GTIs [s]
			ontime9	8262.2507497072	Sum of GTIs [s]
			l1events	1228978	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	195868	220743	192812	213873	213616	192066	grade 0 events	63477	27321	61146	29953	65656	60349
rejected events	86307	74086	78070	67457	86123	80832		32%	12%	31%	14%	30%	31%
rejected %	44%	33%	40%	31%	40%	42%	grade 1 events	667	245	397	164	510	481
								0%	0%	0%	0%	0%	0%
							grade 2 events	17283	52043	20287	31670	23257	19092
								8%	23%	10%	14%	10%	9%
							grade 3 events	7482	6983	7264	14119	8773	7440
								3%	3%	3%	6%	4%	3%
							grade 4 events	7356	6654	7185	14017	8742	7387
								3%	3%	3%	6%	4%	3%
							grade 5 events	4222	10014	4464	11143	5653	4900
								2%	4%	2%	5%	2%	2%
							grade 6 events	14158	53911	19039	56896	21262	17120
								7%	24%	9%	26%	9%	8%
							grade 7 events	81223	63572	73030	55911	79763	75297
								41%	28%	37%	26%	37%	39%

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	70.99215140319184
[deg] Pointing Dec	0	8.52763905765342
[deg] Pointing Roll	0.0	72.84119469050617
[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)	310743485.333895	310743484.3089
Observation start date	2007-11-06T13:38:05	2007-11-06T13:38:04
[s] Observation end time (MET)	310764797.134923	310764796.10993
Observation end date	2007-11-06T19:33:17	2007-11-06T19:33:16
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)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2622097097039

A.2 Comments