

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58478 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 21 2012

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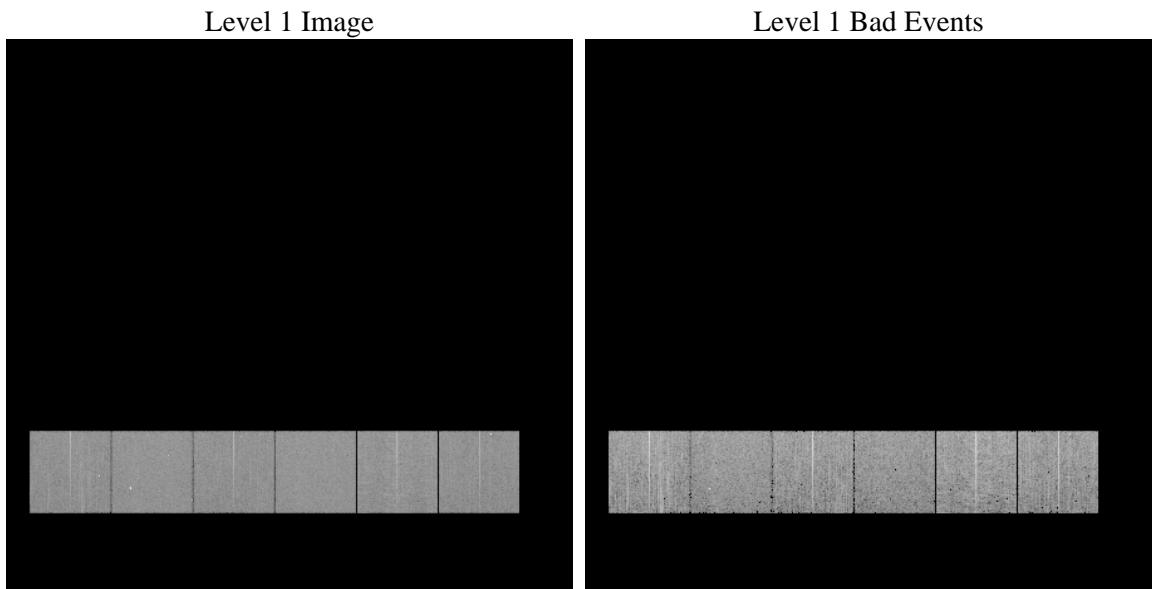
1 Front

seq_num	 	Sequence number
obs_id	58478	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	164.0242102825	Nominal RA [deg]
dec_nom	-23.902453961186	Nominal Dec [deg]
roll_nom	330.34193633754	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4982.3999814987	Sum of GTIs [s]
livetime	4919.3098328919	Livetime [s]
ontime4	4982.3999814987	Sum of GTIs [s]
ontime5	4982.3999814987	Sum of GTIs [s]
ontime6	4982.3999814987	Sum of GTIs [s]
ontime7	4982.3999814987	Sum of GTIs [s]
ontime8	4982.3999814987	Sum of GTIs [s]
ontime9	4979.1590112448	Sum of GTIs [s]
l2events	478891	Number of level 2 events

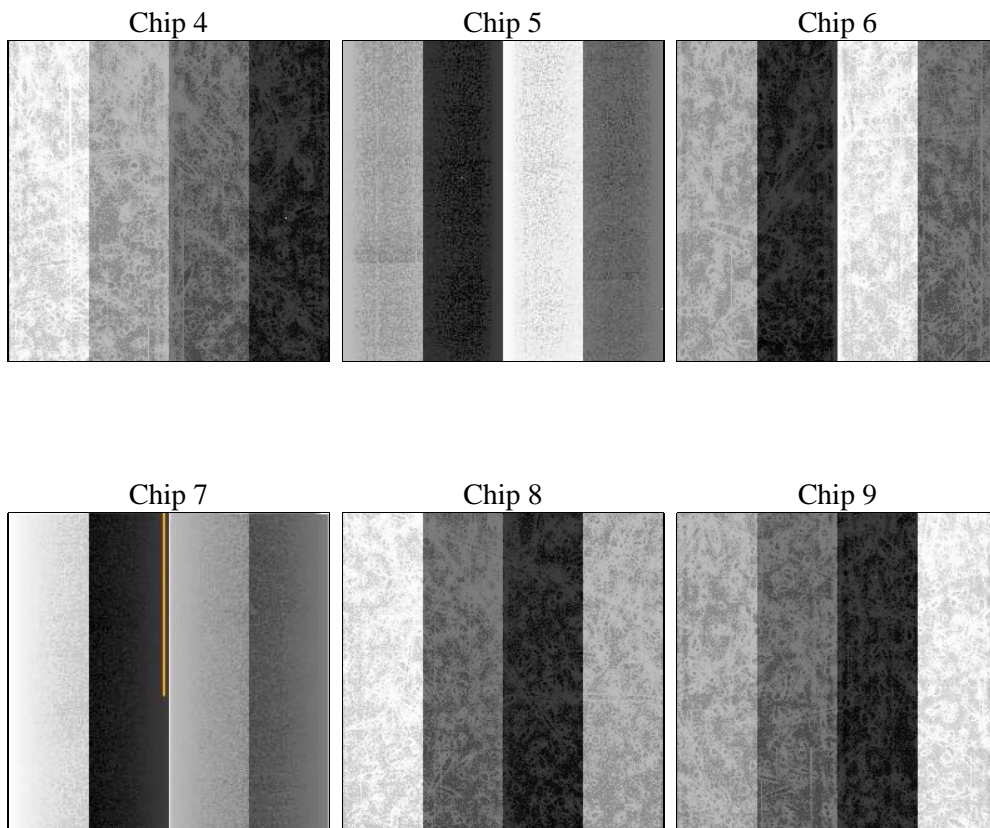
2 OBI

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	4982.3999814987	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	4982.3999814987	Sum of GTIs [s]
date	2012-04-21T18:42:30	Date and time of file creation	ontime5	4982.3999814987	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4982.3999814987	Sum of GTIs [s]
			ontime7	4982.3999814987	Sum of GTIs [s]
			ontime8	4982.3999814987	Sum of GTIs [s]
			ontime9	4979.1590112448	Sum of GTIs [s]
			l1events	786059	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	126552	134869	125376	136851	138346	124065	grade 0 events	44359	17257	43210	21208	45945	43667
rejected events	49996	41280	44611	38142	49842	44776		35%	12%	34%	15%	33%	35%
rejected %	39%	30%	35%	27%	36%	36%	grade 1 events	419	176	286	90	291	318
								0%	0%	0%	0%	0%	0%
							grade 2 events	12028	33647	14128	21664	15987	13395
								9%	24%	11%	15%	11%	10%
							grade 3 events	5170	5040	5114	9612	6077	5063
								4%	3%	4%	7%	4%	4%
							grade 4 events	5132	4936	5120	9595	6103	5082
								4%	3%	4%	7%	4%	4%
							grade 5 events	2521	5783	2613	6444	3323	2856
								1%	4%	2%	4%	2%	2%
							grade 6 events	9867	32709	13193	36630	14392	12082
								7%	24%	10%	26%	10%	9%
							grade 7 events	47056	35321	41712	31608	46228	41602
								37%	26%	33%	23%	33%	33%

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	164.0242102824978
[deg] Pointing Dec	0	-23.90245396118605
[deg] Pointing Roll	0.0	330.3419363375425
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	290598931.818517	290598930.7935
Observation start date	2007-03-18T09:55:32	2007-03-18T09:55:30
[s] Observation end time (MET)	290612035.419142	290612034.39412
Observation end date	2007-03-18T13:33:55	2007-03-18T13:33:54
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)	2012.04.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.9823999814987

A.2 Comments