

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58518 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 20 2012

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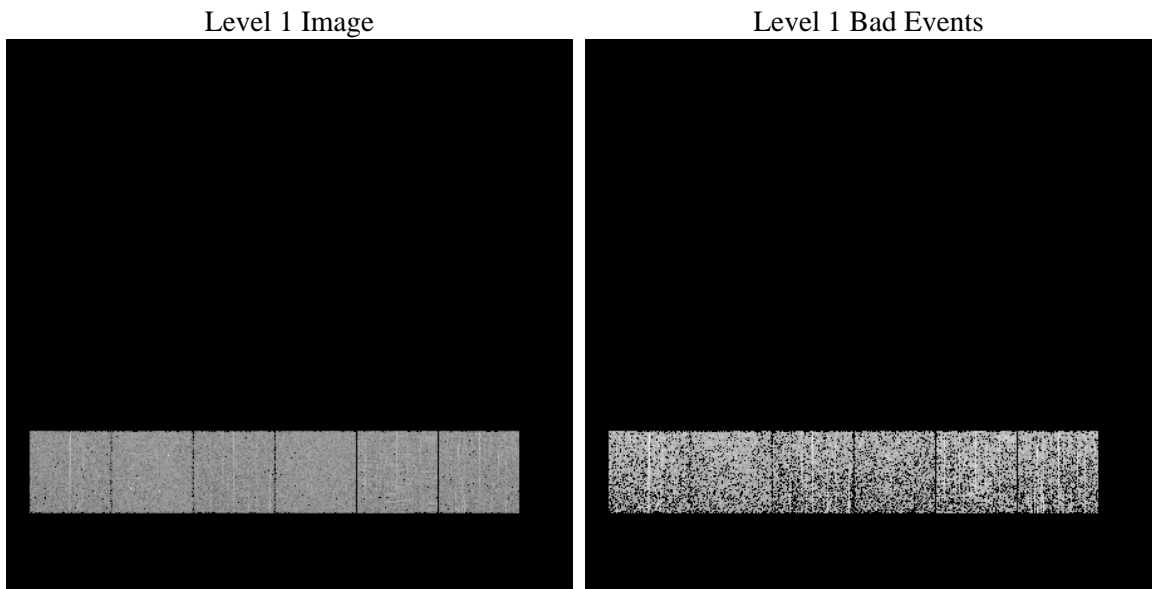
1 Front

seq_num	 	Sequence number
obs_id	58518	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	179.87962349557	Nominal RA [deg]
dec_nom	-9.9900415596869	Nominal Dec [deg]
roll_nom	49.239621235155	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1003.7531039119	Sum of GTIs [s]
livetime	991.04297772259	Livetime [s]
ontime4	1003.629983902	Sum of GTIs [s]
ontime5	1003.7120639086	Sum of GTIs [s]
ontime6	1003.6710239053	Sum of GTIs [s]
ontime7	1003.7531039119	Sum of GTIs [s]
ontime8	1003.5889438987	Sum of GTIs [s]
ontime9	1003.7941439152	Sum of GTIs [s]
l2events	98451	Number of level 2 events

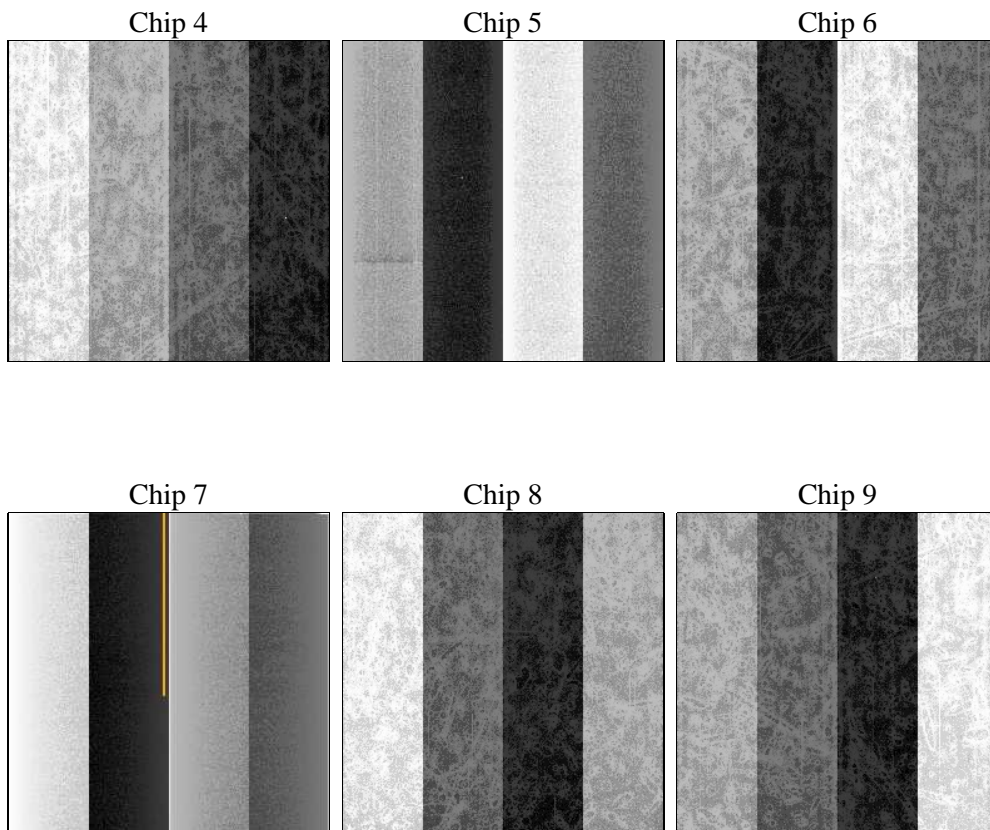
2 OBI

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	1003.7531039119	Sum of GTIs [s]
caldbver	4.4.9	 	ontime4	1003.629983902	Sum of GTIs [s]
date	2012-04-20T15:34:05	Date and time of file creation	ontime5	1003.7120639086	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	1003.6710239053	Sum of GTIs [s]
			ontime7	1003.7531039119	Sum of GTIs [s]
			ontime8	1003.5889438987	Sum of GTIs [s]
			ontime9	1003.7941439152	Sum of GTIs [s]
			l1events	161409	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	25560	28036	25352	27593	28377	26491
rejected events	9666	8406	8707	7446	10421	10164
rejected %	37%	29%	34%	26%	36%	38%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	9271	4179	8977	4349	9233	8842
	36%	14%	35%	15%	32%	33%
grade 1 events	78	69	58	22	53	48
	0%	0%	0%	0%	0%	0%
grade 2 events	2518	6792	2889	4323	3255	2848
	9%	24%	11%	15%	11%	10%
grade 3 events	1028	1032	1056	1996	1184	1075
	4%	3%	4%	7%	4%	4%
grade 4 events	998	1023	1031	1972	1209	1030
	3%	3%	4%	7%	4%	3%
grade 5 events	482	1231	587	1256	693	557
	1%	4%	2%	4%	2%	2%
grade 6 events	2079	6604	2692	7507	3075	2532
	8%	23%	10%	27%	10%	9%
grade 7 events	9106	7106	8062	6168	9675	9559
	35%	25%	31%	22%	34%	36%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	179.8796234955697	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-9.990041559686917	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	49.2396212351547			
[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)	288773410.831682	288773409.80668			
Observation start date	2007-02-25T06:50:11	2007-02-25T06:50:09			
[s] Observation end time (MET)	288776766.681841	288776765.65684			
Observation end date	2007-02-25T07:46:07	2007-02-25T07:46:05			
Read mode	TIMED	TIMED			

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	1.0037531039119

A.2 Comments