

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58982 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 31 2012

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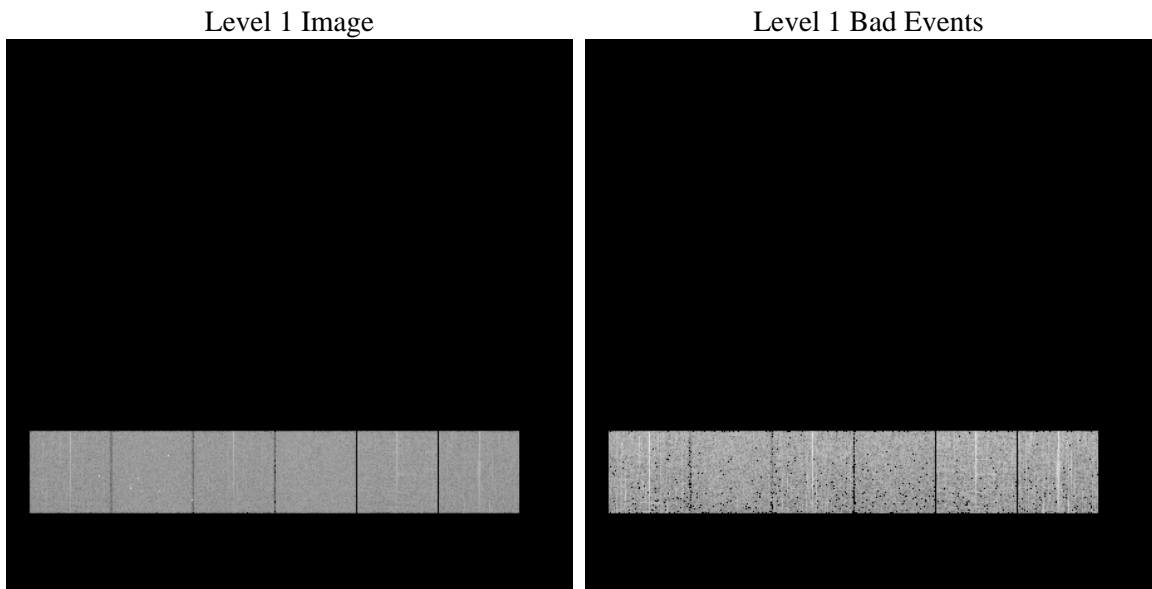
1 Front

seq_num	 	Sequence number
obs_id	58982	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	251.99520202711	Nominal RA [deg]
dec_nom	-24.472646738671	Nominal Dec [deg]
roll_nom	79.270634644195	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2895.9999892116	Sum of GTIs [s]
livetime	2859.3290935863	Livetime [s]
ontime4	2850.6263951957	Sum of GTIs [s]
ontime5	2895.9999892116	Sum of GTIs [s]
ontime6	2876.554197371	Sum of GTIs [s]
ontime7	2895.9999892116	Sum of GTIs [s]
ontime8	2879.7952075601	Sum of GTIs [s]
ontime9	2870.4248710573	Sum of GTIs [s]
l2events	353927	Number of level 2 events

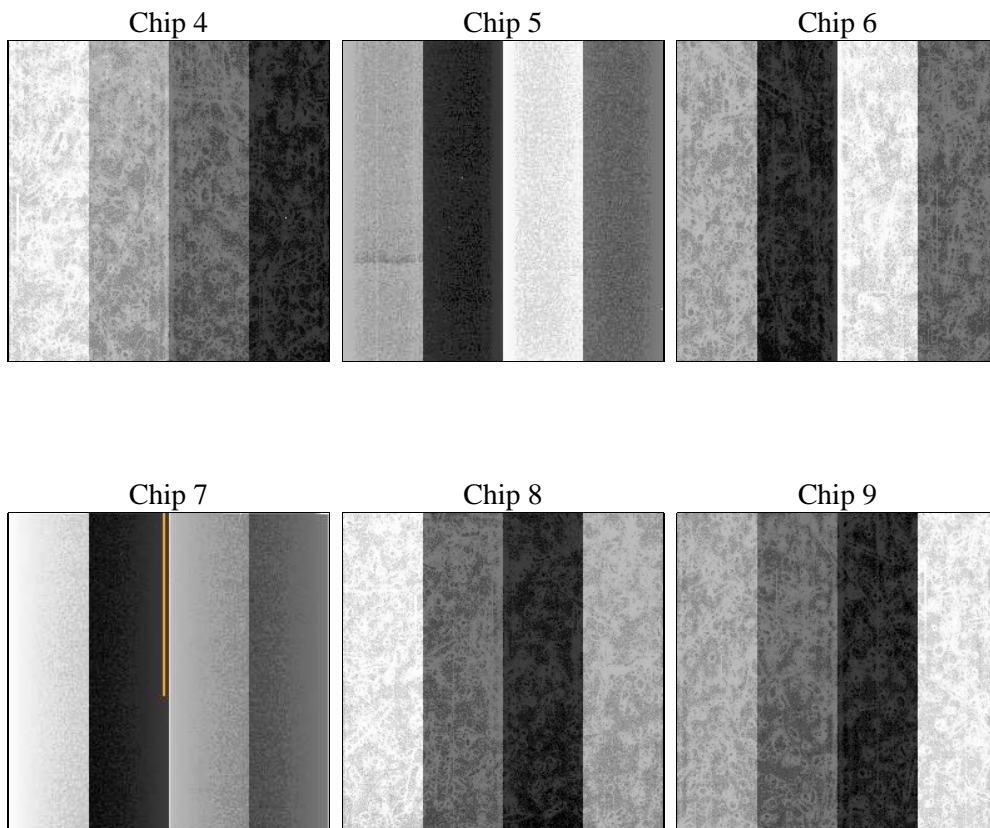
2 OBI

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	8.4.3.1	Processing system revision	ontime	2895.9999892116	Sum of GTIs [s]
caldbver	4.4.8	 	ontime4	2850.6263951957	Sum of GTIs [s]
date	2012-03-31T12:19:24	Date and time of file creation	ontime5	2895.9999892116	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	2876.554197371	Sum of GTIs [s]
			ontime7	2895.9999892116	Sum of GTIs [s]
			ontime8	2879.7952075601	Sum of GTIs [s]
			ontime9	2870.4248710573	Sum of GTIs [s]
			l1events	534330	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	85189	89489	86913	92018	93080	87641	grade 0 events	33158	13788	32962	16045	34198	31956
rejected events	27575	23538	25263	21480	27870	28183		38%	15%	37%	17%	36%	36%
rejected %	32%	26%	29%	23%	29%	32%	grade 1 events	345	203	207	62	243	248
								0%	0%	0%	0%	0%	0%
							grade 2 events	8948	22965	10857	15469	11537	10239
								10%	25%	12%	16%	12%	11%
							grade 3 events	3949	3690	3716	6795	4355	3880
								4%	4%	4%	7%	4%	4%
							grade 4 events	3859	3795	3921	6756	4263	3813
								4%	4%	4%	7%	4%	4%
							grade 5 events	1510	3502	1515	3641	1966	1553
								1%	3%	1%	3%	2%	1%
							grade 6 events	7700	21713	10194	25473	10857	9570
								9%	24%	11%	27%	11%	10%
							grade 7 events	25720	19833	23541	17777	25661	26382
								30%	22%	27%	19%	27%	30%

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	251.9952020271131
[deg] Pointing Dec	0	-24.47264673867097
[deg] Pointing Roll	0.0	79.27063464419483
[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)	263182210.02683	263182209.00184
Observation start date	2006-05-05T02:10:10	2006-05-05T02:10:09
[s] Observation end time (MET)	263198605.927595	263198604.90261
Observation end date	2006-05-05T06:43:26	2006-05-05T06:43:24
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)	2012.04.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.8959999892116

A.2 Comments