

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58358 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 26 2012

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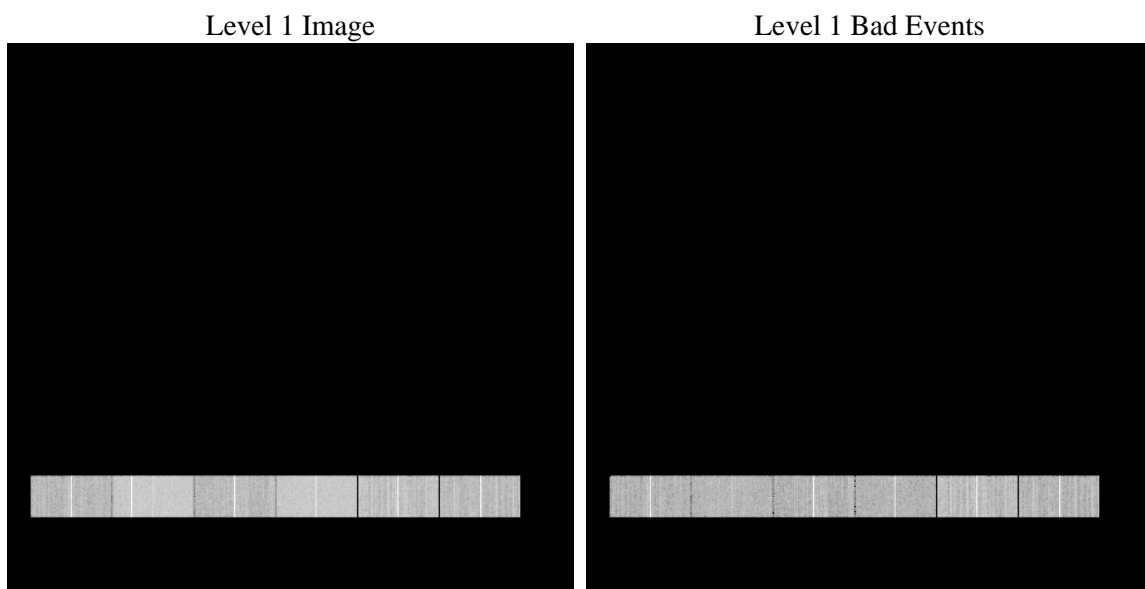
1 Front

seq_num	 	Sequence number
obs_id	58358	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	233.00715837949	Nominal RA [deg]
dec_nom	-24.023086460939	Nominal Dec [deg]
roll_nom	265.00020702298	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2904.0	Sum of GTIs [s]
livetime	2892.65625	Livetime [s]
ontime4	1503.8178454041	Sum of GTIs [s]
ontime5	2904.0	Sum of GTIs [s]
ontime6	1622.8505114913	Sum of GTIs [s]
ontime7	2904.0	Sum of GTIs [s]
ontime8	1595.7455508709	Sum of GTIs [s]
ontime9	1620.5518113971	Sum of GTIs [s]
l2events	149303	Number of level 2 events

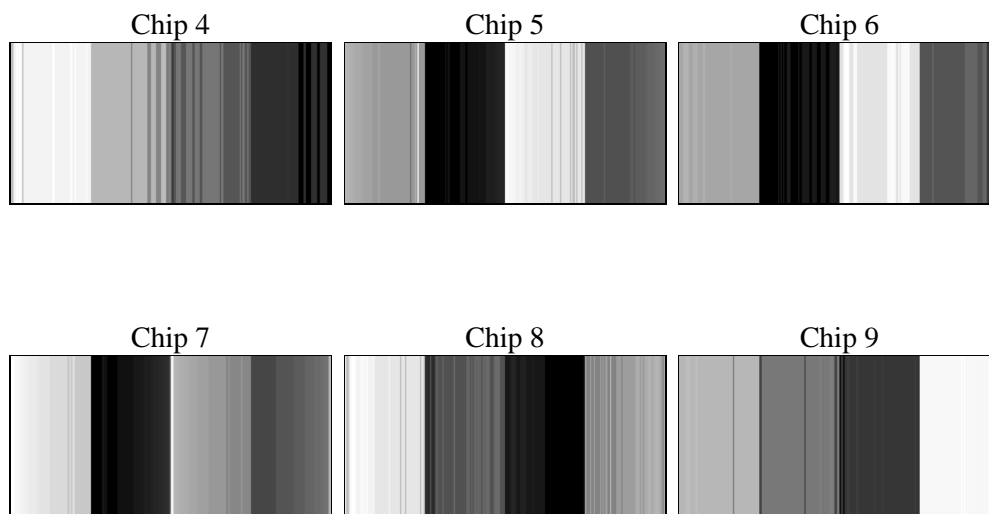
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	2904.0	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	1503.8178454041	Sum of GTIs [s]
date	2012-04-26T13:30:43	Date and time of file creation	ontime5	2904.0	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	1622.8505114913	Sum of GTIs [s]
			ontime7	2904.0	Sum of GTIs [s]
			ontime8	1595.7455508709	Sum of GTIs [s]
			ontime9	1620.5518113971	Sum of GTIs [s]
			l1events	515394	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	66098	113540	70356	104688	87254	73458	grade 0 events	2259	10367	2199	9046	4148	2507
rejected events	54813	52868	56639	49749	72477	60447		3%	9%	3%	8%	4%	3%
rejected %	82%	46%	80%	47%	83%	82%	grade 1 events	23	58	26	64	31	24
								0%	0%	0%	0%	0%	0%
							grade 2 events	12698	25462	14434	16224	14395	13975
								19%	22%	20%	15%	16%	19%
							grade 3 events	523	1307	573	3946	962	551
								0%	1%	0%	3%	1%	0%
							grade 4 events	500	1222	551	3963	974	559
								0%	1%	0%	3%	1%	0%
							grade 5 events	809	3362	870	4012	1185	918
								1%	2%	1%	3%	1%	1%
							grade 6 events	4081	22426	5094	21861	5512	4784
								6%	19%	7%	20%	6%	6%
							grade 7 events	45205	49336	46609	45572	60047	50140
								68%	43%	66%	43%	68%	68%

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	CC33_FAINT	CC33_FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	233.0071583794911	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-24.02308646093929	[s] Primary exposure time	0	0
[deg] Pointing Roll	0.0	265.0002070229805			
[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)	298368309.189191	298368308.16419			
Observation start date	2007-06-16T08:05:09	2007-06-16T08:05:08			
[s] Observation end time (MET)	298381023.289799	298381022.2648			
Observation end date	2007-06-16T11:37:03	2007-06-16T11:37:02			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.904

A.2 Comments