

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58089 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 6 2012

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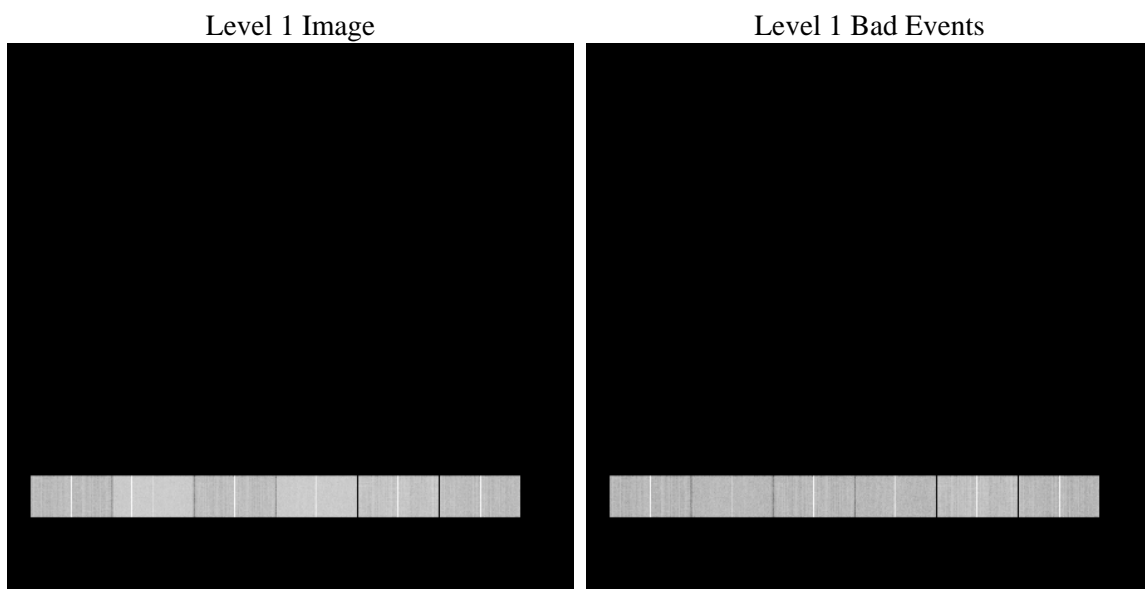
1 Front

seq_num	 	Sequence number
obs_id	58089	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	92.185938277946	Nominal RA [deg]
dec_nom	26.019346893716	Nominal Dec [deg]
roll_nom	99.274819251596	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7904.75	Sum of GTIs [s]
livetime	7873.8720703125	Livetime [s]
ontime4	3968.506573379	Sum of GTIs [s]
ontime5	7904.75	Sum of GTIs [s]
ontime6	4441.2811608911	Sum of GTIs [s]
ontime7	7904.75	Sum of GTIs [s]
ontime8	4498.1890437603	Sum of GTIs [s]
ontime9	4340.5973757505	Sum of GTIs [s]
l2events	371455	Number of level 2 events

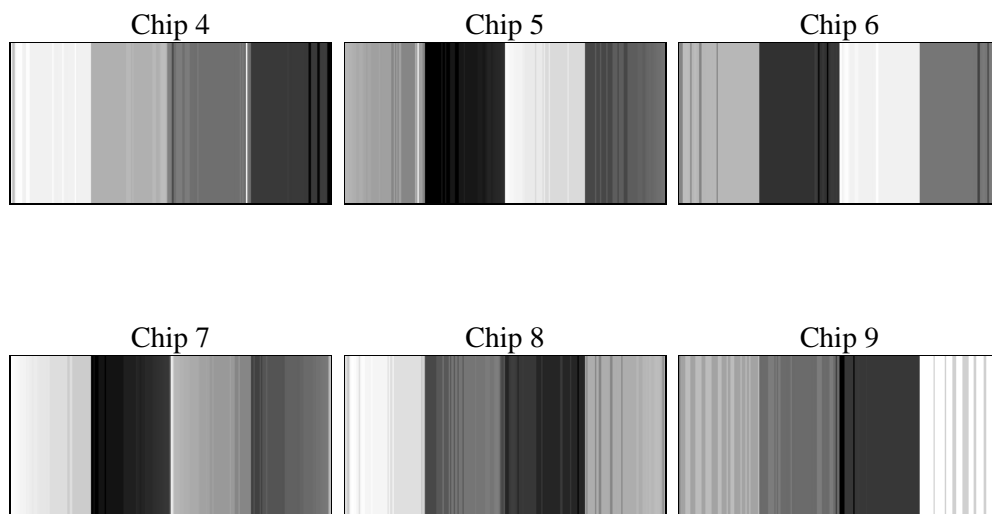
2 OBI

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	7904.75	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	3968.506573379	Sum of GTIs [s]
date	2012-05-07T00:05:25	Date and time of file creation	ontime5	7904.75	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4441.2811608911	Sum of GTIs [s]
			ontime7	7904.75	Sum of GTIs [s]
			ontime8	4498.1890437603	Sum of GTIs [s]
			ontime9	4340.5973757505	Sum of GTIs [s]
			l1events	1367521	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	175411	297362	194629	280312	234181	185626	grade 0 events	5456	25456	5556	19434	10376	5745
rejected events	150126	142332	161200	143780	195066	155806		3%	8%	2%	6%	4%	3%
rejected %	85%	47%	82%	51%	83%	83%	grade 1 events	72	133	46	156	108	51
								0%	0%	0%	0%	0%	0%
							grade 2 events	30370	64110	35612	41638	36827	32998
								17%	21%	18%	14%	15%	17%
							grade 3 events	1443	3384	1476	8695	2948	1411
								0%	1%	0%	3%	1%	0%
							grade 4 events	1459	3235	1387	8781	2778	1432
								0%	1%	0%	3%	1%	0%
							grade 5 events	2080	9163	2371	10501	3058	2432
								1%	3%	1%	3%	1%	1%
							grade 6 events	9566	58935	12661	58068	14488	11679
								5%	19%	6%	20%	6%	6%
							grade 7 events	124965	132946	135520	133039	163598	129878
								71%	44%	69%	47%	69%	69%

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	92.18593827794645	Alternating exposures requested	N	N
[deg] Pointing Dec	0	26.01934689371615	[s] Primary exposure time	0	0
[deg] Pointing Roll	0.0	99.27481925159648			
[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)	313672334.825384	313672333.80038			
Observation start date	2007-12-10T11:12:15	2007-12-10T11:12:13			
[s] Observation end time (MET)	313689759.826227	313689758.80123			
Observation end date	2007-12-10T16:02:40	2007-12-10T16:02:38			
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)	2012.05.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.90475

A.2 Comments