

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59294 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 17 2012

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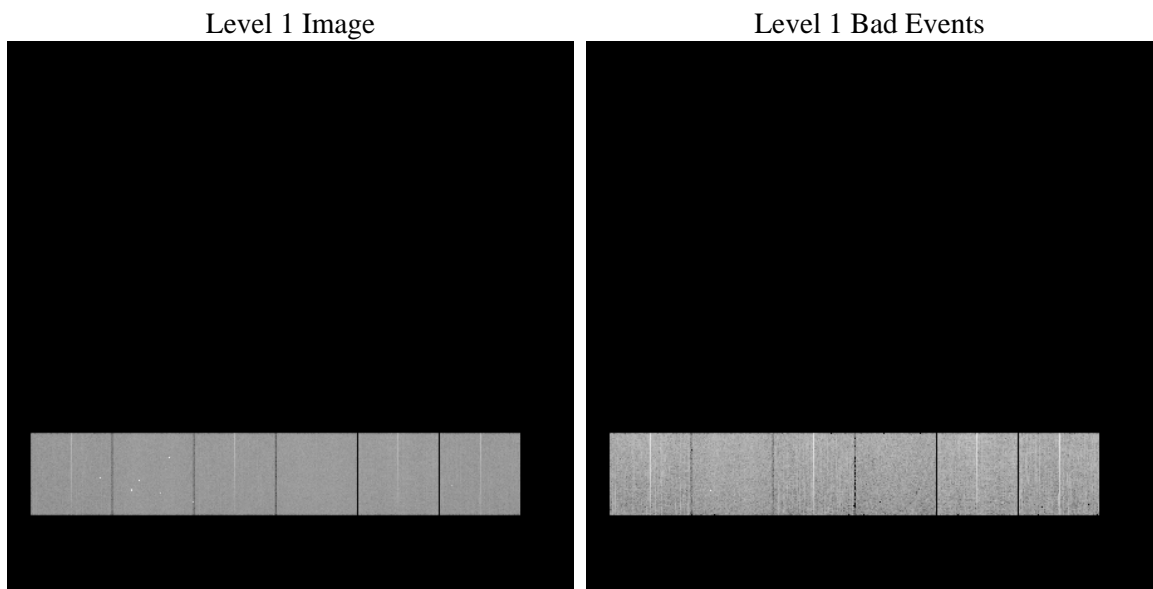
1 Front

seq_num	 	Sequence number
obs_id	59294	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	47.972659516098	Nominal RA [deg]
dec_nom	46.97602647466	Nominal Dec [deg]
roll_nom	199.67697576667	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7794.622084111	Sum of GTIs [s]
livetime	7695.921885924	Livetime [s]
ontime4	7412.6608808339	Sum of GTIs [s]
ontime5	7794.6429997981	Sum of GTIs [s]
ontime6	7762.2330569029	Sum of GTIs [s]
ontime7	7794.622084111	Sum of GTIs [s]
ontime8	7795.0567266643	Sum of GTIs [s]
ontime9	7677.90533337	Sum of GTIs [s]
l2events	954730	Number of level 2 events

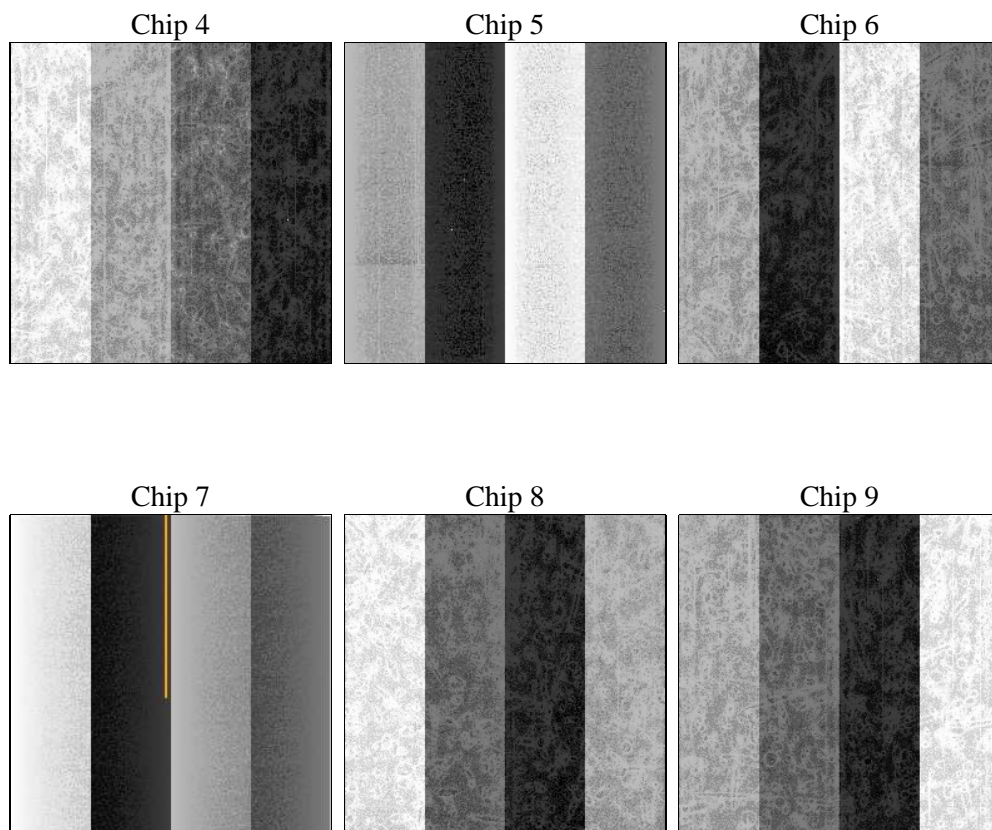
2 OBI

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	7794.622084111	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	7412.6608808339	Sum of GTIs [s]
date	2012-03-17T16:06:34	Date and time of file creation	ontime5	7794.6429997981	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7762.2330569029	Sum of GTIs [s]
			ontime7	7794.622084111	Sum of GTIs [s]
			ontime8	7795.0567266643	Sum of GTIs [s]
			ontime9	7677.90533337	Sum of GTIs [s]
			l1events	1394990	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	213489	235923	231727	241322	246625	225904	grade 0 events	89094	34793	91446	43569	96475	89356
rejected events	62765	58701	62498	51754	68461	64080		41%	14%	39%	18%	39%	39%
rejected %	29%	24%	26%	21%	27%	28%	grade 1 events	781	525	452	154	526	534
								0%	0%	0%	0%	0%	0%
							grade 2 events	22341	67364	29722	41792	30971	27076
								10%	28%	12%	17%	12%	11%
							grade 3 events	10187	8495	10588	18532	11795	10577
								4%	3%	4%	7%	4%	4%
							grade 4 events	10181	8425	10450	18474	11743	10291
								4%	3%	4%	7%	4%	4%
							grade 5 events	3237	8058	3746	8630	4670	4011
								1%	3%	1%	3%	1%	1%
							grade 6 events	18981	58145	27023	67201	27267	24524
								8%	24%	11%	27%	11%	10%
							grade 7 events	58687	50118	58300	42970	63178	59535
								27%	21%	25%	17%	25%	26%

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	47.97265951609835
[deg] Pointing Dec	0	46.97602647465997
[deg] Pointing Roll	0.0	199.6769757666655
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	249017939.369208	249017938.34421
Observation start date	2005-11-22T03:38:59	2005-11-22T03:38:58
[s] Observation end time (MET)	249032701.419889	249032700.39489
Observation end date	2005-11-22T07:45:01	2005-11-22T07:45:00
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)	2012.03.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.794622084111

A.2 Comments