

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58818 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 7 2012

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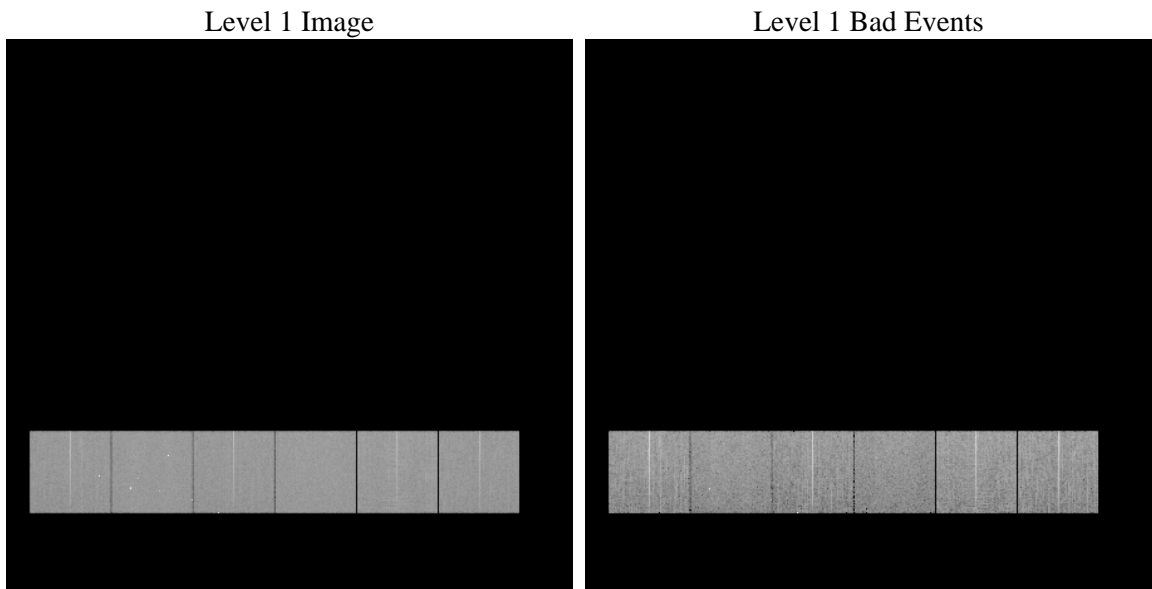
1 Front

seq_num	 	Sequence number
obs_id	58818	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	302.01199054658	Nominal RA [deg]
dec_nom	-9.0260416328905	Nominal Dec [deg]
roll_nom	261.6177552127	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8217.5999694467	Sum of GTIs [s]
livetime	8113.5437705889	Livetime [s]
ontime4	8217.5999694467	Sum of GTIs [s]
ontime5	8217.5999694467	Sum of GTIs [s]
ontime6	8217.5999694467	Sum of GTIs [s]
ontime7	8217.5999694467	Sum of GTIs [s]
ontime8	8217.5999694467	Sum of GTIs [s]
ontime9	8217.5999694467	Sum of GTIs [s]
l2events	886501	Number of level 2 events

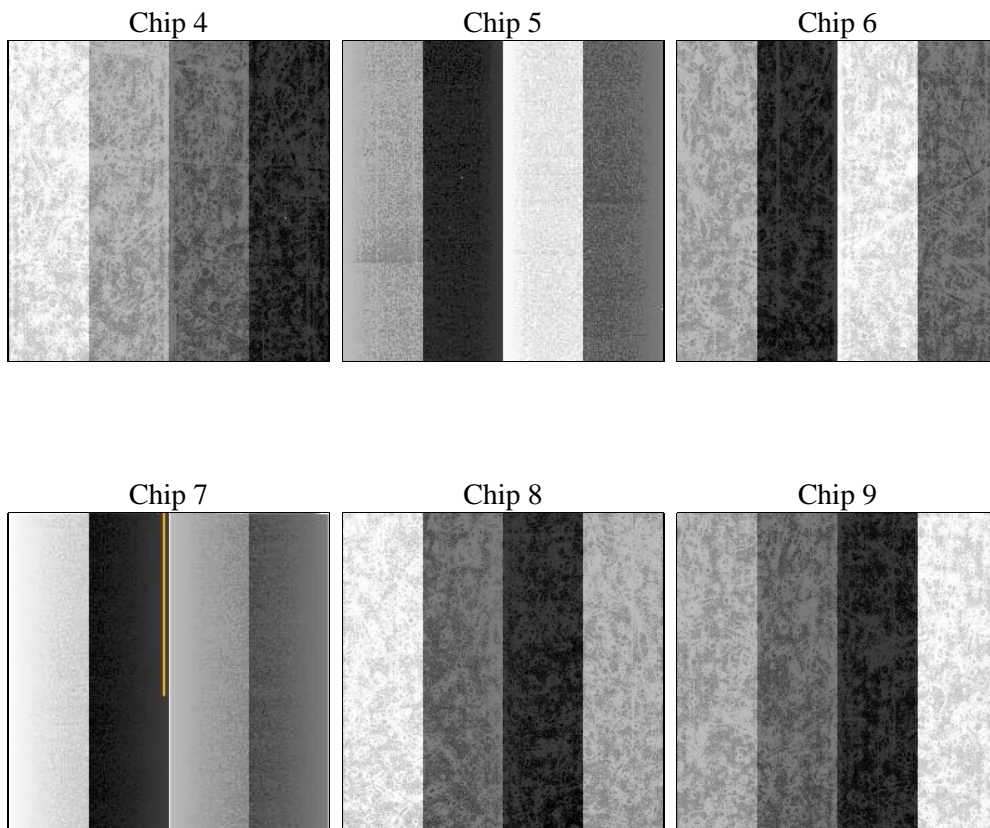
2 OBI

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	8217.5999694467	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8217.5999694467	Sum of GTIs [s]
date	2012-04-08T00:55:30	Date and time of file creation	ontime5	8217.5999694467	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8217.5999694467	Sum of GTIs [s]
			ontime7	8217.5999694467	Sum of GTIs [s]
			ontime8	8217.5999694467	Sum of GTIs [s]
			ontime9	8217.5999694467	Sum of GTIs [s]
			l1events	1365969	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	219261	231098	221588	235338	239275	219409	grade 0 events	84859	33002	82999	39791	86790	81578
rejected events	74204	65123	68128	58924	75995	71400		38%	14%	37%	16%	36%	37%
rejected %	33%	28%	30%	25%	31%	32%	grade 1 events	745	242	499	190	512	538
								0%	0%	0%	0%	0%	0%
							grade 2 events	23075	59862	26927	38526	29322	25496
								10%	25%	12%	16%	12%	11%
							grade 3 events	9749	9119	9744	17203	11216	9656
								4%	3%	4%	7%	4%	4%
							grade 4 events	9501	8768	9701	17406	11023	9632
								4%	3%	4%	7%	4%	4%
							grade 5 events	3885	9477	4170	9896	5018	4460
								1%	4%	1%	4%	2%	2%
							grade 6 events	18751	56212	25041	64567	25933	22564
								8%	24%	11%	27%	10%	10%
							grade 7 events	68696	54416	62507	47759	69461	65485
								31%	23%	28%	20%	29%	29%

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	302.0119905465802
[deg] Pointing Dec	0	-9.026041632890472
[deg] Pointing Roll	0.0	261.617755212703
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	272588836.367002	272588835.34202
Observation start date	2006-08-21T23:07:16	2006-08-21T23:07:15
[s] Observation end time (MET)	272612634.818119	272612633.79314
Observation end date	2006-08-22T05:43:55	2006-08-22T05:43:53
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)	2012.04.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2175999694467

A.2 Comments