

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58810 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 8 2012

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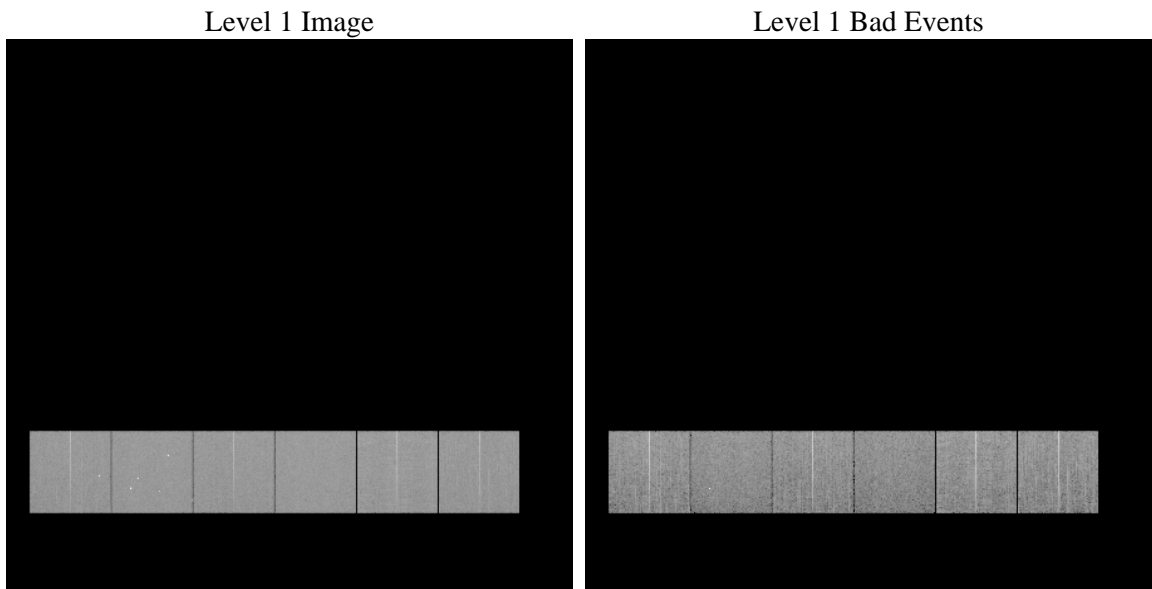
1 Front

seq_num	 	Sequence number
obs_id	58810	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	328.96931208642	Nominal RA [deg]
dec_nom	22.081672347617	Nominal Dec [deg]
roll_nom	196.00553678666	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7793.717758894	Sum of GTIs [s]
livetime	7695.0290118174	Livetime [s]
ontime4	7793.5946388841	Sum of GTIs [s]
ontime5	7793.6767188907	Sum of GTIs [s]
ontime6	7793.6356788874	Sum of GTIs [s]
ontime7	7793.717758894	Sum of GTIs [s]
ontime8	7793.5535988808	Sum of GTIs [s]
ontime9	7793.7587988973	Sum of GTIs [s]
l2events	888713	Number of level 2 events

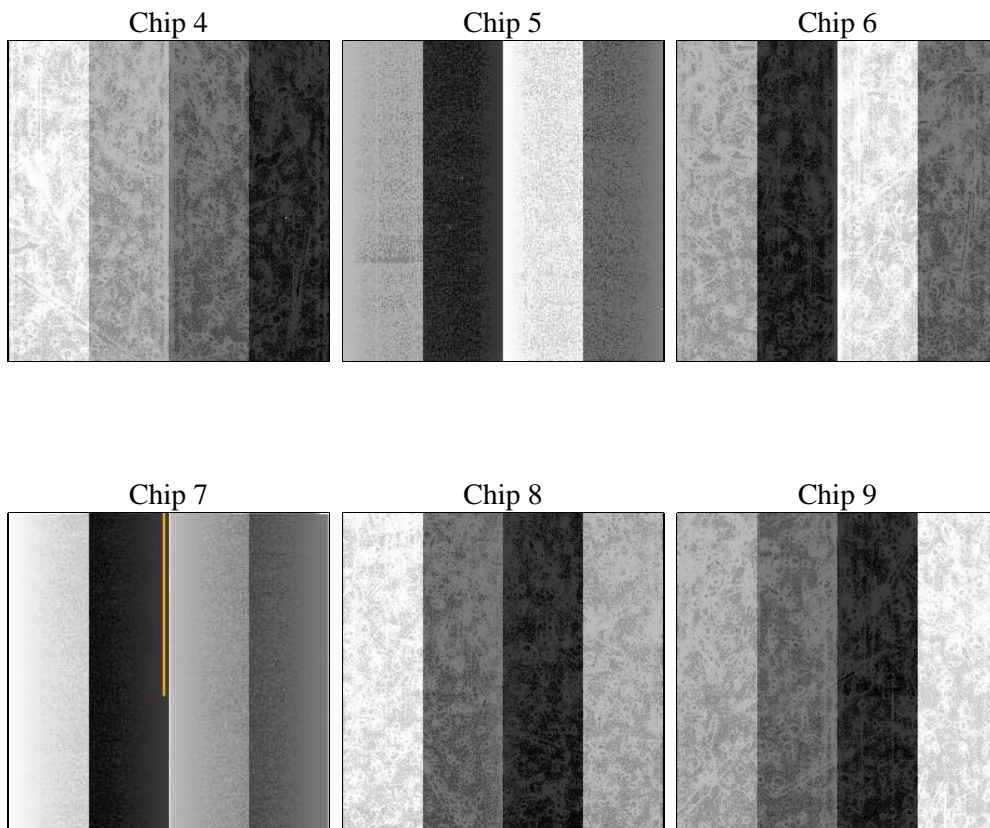
2 OBI

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	7793.717758894	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7793.5946388841	Sum of GTIs [s]
date	2012-04-08T03:08:04	Date and time of file creation	ontime5	7793.6767188907	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7793.6356788874	Sum of GTIs [s]
			ontime7	7793.717758894	Sum of GTIs [s]
			ontime8	7793.5535988808	Sum of GTIs [s]
			ontime9	7793.7587988973	Sum of GTIs [s]
			l1events	1366300	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	219630	230375	223644	234279	238986	219386	grade 0 events	83900	34496	82007	40287	85805	80077
rejected events	74077	63260	69276	57458	75525	71374		38%	14%	36%	17%	35%	36%
rejected %	33%	27%	30%	24%	31%	32%	grade 1 events	788	697	434	170	582	545
								0%	0%	0%	0%	0%	0%
							grade 2 events	22708	58913	27148	38557	29031	25357
								10%	25%	12%	16%	12%	11%
							grade 3 events	9839	9156	9639	17069	10995	9651
								4%	3%	4%	7%	4%	4%
							grade 4 events	9764	9085	9680	17057	10884	9625
								4%	3%	4%	7%	4%	4%
							grade 5 events	3963	9350	4036	9780	5035	4450
								1%	4%	1%	4%	2%	2%
							grade 6 events	19342	55465	25894	63851	26746	23302
								8%	24%	11%	27%	11%	10%
							grade 7 events	69326	53213	64806	47508	69908	66379
								31%	23%	28%	20%	29%	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	328.9693120864156
[deg] Pointing Dec	0	22.08167234761651
[deg] Pointing Roll	0.0	196.0055367866618
[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)	273232601.997286	273232600.97227
Observation start date	2006-08-29T09:56:42	2006-08-29T09:56:40
[s] Observation end time (MET)	273248393.148029	273248392.12302
Observation end date	2006-08-29T14:19:53	2006-08-29T14:19:52
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	7.793717758894

A.2 Comments