

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58021 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 7 2012

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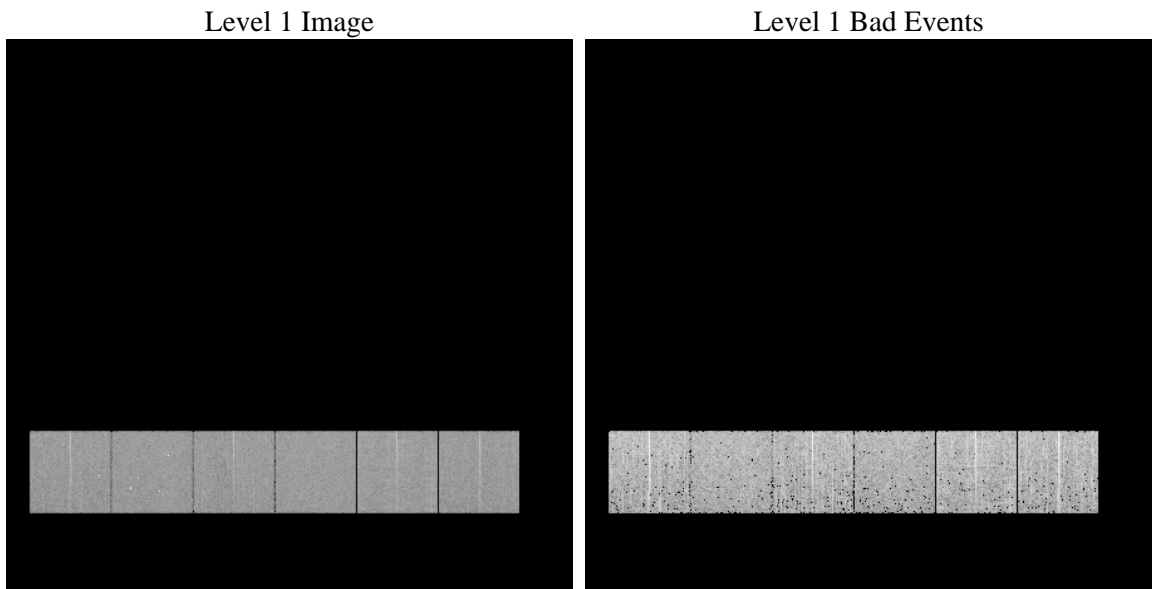
1 Front

seq_num	 	Sequence number
obs_id	58021	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	89.990759131043	Nominal RA [deg]
dec_nom	42.972028925461	Nominal Dec [deg]
roll_nom	223.55407975909	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2739.1999898553	Sum of GTIs [s]
livetime	2704.5145902355	Livetime [s]
ontime4	2680.8625046015	Sum of GTIs [s]
ontime5	2739.1999898553	Sum of GTIs [s]
ontime6	2703.5493264198	Sum of GTIs [s]
ontime7	2739.1999898553	Sum of GTIs [s]
ontime8	2711.6170543432	Sum of GTIs [s]
ontime9	2684.1034348607	Sum of GTIs [s]
l2events	318332	Number of level 2 events

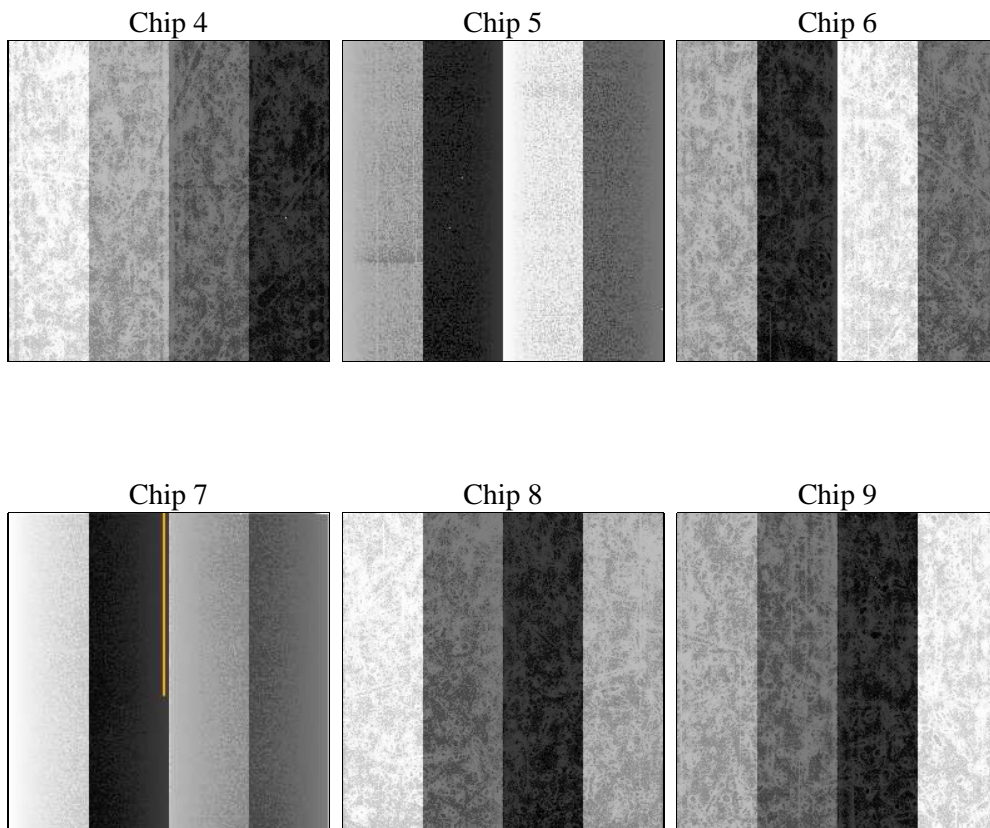
2 OBI

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	2739.1999898553	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	2680.8625046015	Sum of GTIs [s]
date	2012-05-07T17:59:34	Date and time of file creation	ontime5	2739.1999898553	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	2703.5493264198	Sum of GTIs [s]
			ontime7	2739.1999898553	Sum of GTIs [s]
			ontime8	2711.6170543432	Sum of GTIs [s]
			ontime9	2684.1034348607	Sum of GTIs [s]
			l1events	503033	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	81104	82630	81824	85053	90525	81897	grade 0 events	29758	10294	27525	14076	30659	28134
rejected events	28599	23995	27011	22183	29793	28452		36%	12%	33%	16%	33%	34%
rejected %	35%	29%	33%	26%	32%	34%	grade 1 events	318	126	171	59	234	230
								0%	0%	0%	0%	0%	0%
							grade 2 events	7811	22135	9879	13527	10763	8885
								9%	26%	12%	15%	11%	10%
							grade 3 events	3484	2655	3321	5561	3991	3348
								4%	3%	4%	6%	4%	4%
							grade 4 events	3499	2584	3324	5428	3780	3327
								4%	3%	4%	6%	4%	4%
							grade 5 events	1425	3335	1528	3617	1908	1640
								1%	4%	1%	4%	2%	2%
							grade 6 events	7953	20967	10764	24278	11539	9751
								9%	25%	13%	28%	12%	11%
							grade 7 events	26856	20534	25312	18507	27651	26582
								33%	24%	30%	21%	30%	32%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	89.99075913104321	Alternating exposures requested	N	N
[deg] Pointing Dec	0	42.97202892546125	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	223.5540797590948			
[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)	316191290.897273	316191289.87227			
Observation start date	2008-01-08T14:54:51	2008-01-08T14:54:49			
[s] Observation end time (MET)	316200421.597715	316200420.57272			
Observation end date	2008-01-08T17:27:02	2008-01-08T17:27:00			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.7391999898553

A.2 Comments