

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57949 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 10 2012

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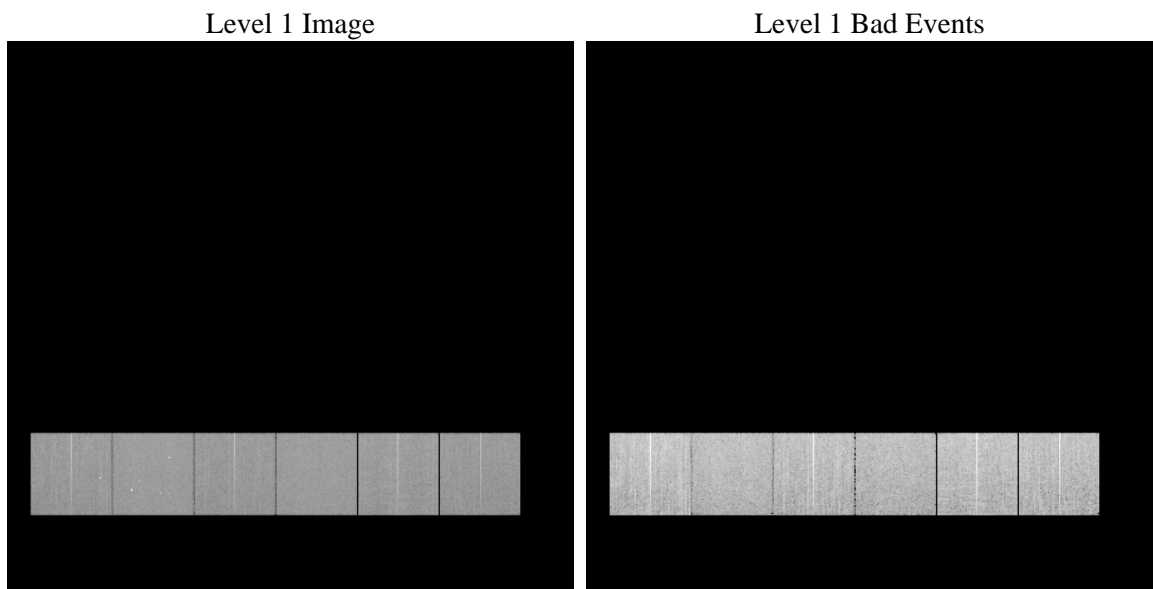
1 Front

seq_num	 	Sequence number
obs_id	57949	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	184.98463115383	Nominal RA [deg]
dec_nom	10.024411437328	Nominal Dec [deg]
roll_nom	88.971272972341	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7794.4784017801	Sum of GTIs [s]
livetime	7695.7800229854	Livetime [s]
ontime4	7794.3552817702	Sum of GTIs [s]
ontime5	7794.4373617768	Sum of GTIs [s]
ontime6	7794.3963217735	Sum of GTIs [s]
ontime7	7794.4784017801	Sum of GTIs [s]
ontime8	7794.3142417669	Sum of GTIs [s]
ontime9	7794.5194417834	Sum of GTIs [s]
l2events	628224	Number of level 2 events

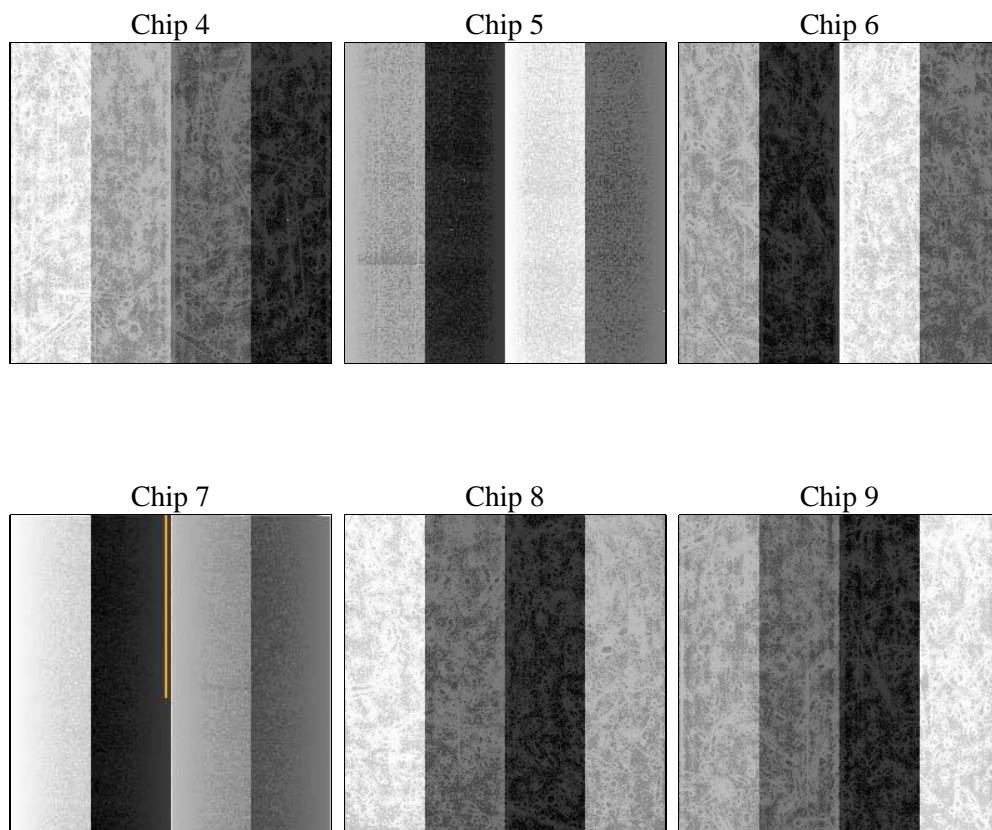
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7794.4784017801	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7794.3552817702	Sum of GTIs [s]
date	2012-05-10T11:49:47	Date and time of file creation	ontime5	7794.4373617768	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7794.3963217735	Sum of GTIs [s]
			ontime7	7794.4784017801	Sum of GTIs [s]
			ontime8	7794.3142417669	Sum of GTIs [s]
			ontime9	7794.5194417834	Sum of GTIs [s]
			l1events	1119544	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	181252	197459	176814	194291	195499	174229	grade 0 events	56931	22044	54681	26774	58829	53889
rejected events	82887	66972	73419	62308	79801	74086		31%	11%	30%	13%	30%	30%
rejected %	45%	33%	41%	32%	40%	42%	grade 1 events	547	218	356	138	388	408
								0%	0%	0%	0%	0%	0%
							grade 2 events	15122	47369	18317	28750	21216	17242
								8%	23%	10%	14%	10%	9%
							grade 3 events	6699	6093	6711	12270	8301	6651
								3%	3%	3%	6%	4%	3%
							grade 4 events	6742	6022	6641	12115	7812	6624
								3%	3%	3%	6%	3%	3%
							grade 5 events	3985	9135	4159	10283	5267	4433
								2%	4%	2%	5%	2%	2%
							grade 6 events	12871	48959	17045	52074	19540	15737
								7%	24%	9%	26%	9%	9%
							grade 7 events	78355	57619	68904	51887	74146	69245
								43%	29%	38%	26%	37%	39%

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	184.9846311538325	Alternating exposures requested	N	N
[deg] Pointing Dec	0	10.02441143732799	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	88.97127297234141			
[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)	320298035.596467	320298034.57147			
Observation start date	2008-02-25T03:40:36	2008-02-25T03:40:34			
[s] Observation end time (MET)	320307965.796949	320307964.77195			
Observation end date	2008-02-25T06:26:06	2008-02-25T06:26:04			
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)	2012.05.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7944784017801

A.2 Comments