

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60716 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 29 2012

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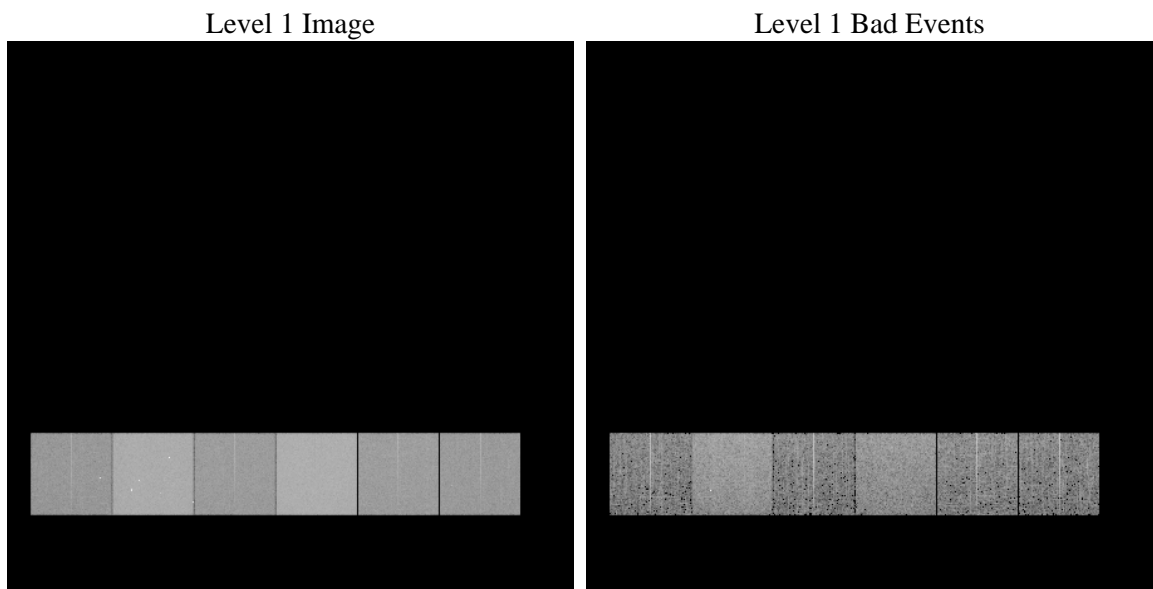
1 Front

seq_num	 	Sequence number
obs_id	60716	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	257.5234494535	Nominal RA [deg]
dec_nom	-39.177937987957	Nominal Dec [deg]
roll_nom	17.636152317959	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7794.6115304828	Sum of GTIs [s]
livetime	7695.9114659322	Livetime [s]
ontime4	3623.464222461	Sum of GTIs [s]
ontime5	7794.6115304828	Sum of GTIs [s]
ontime6	3983.2233174145	Sum of GTIs [s]
ontime7	7794.6115304828	Sum of GTIs [s]
ontime8	4093.3680243194	Sum of GTIs [s]
ontime9	3869.7885308564	Sum of GTIs [s]
l2events	1164165	Number of level 2 events

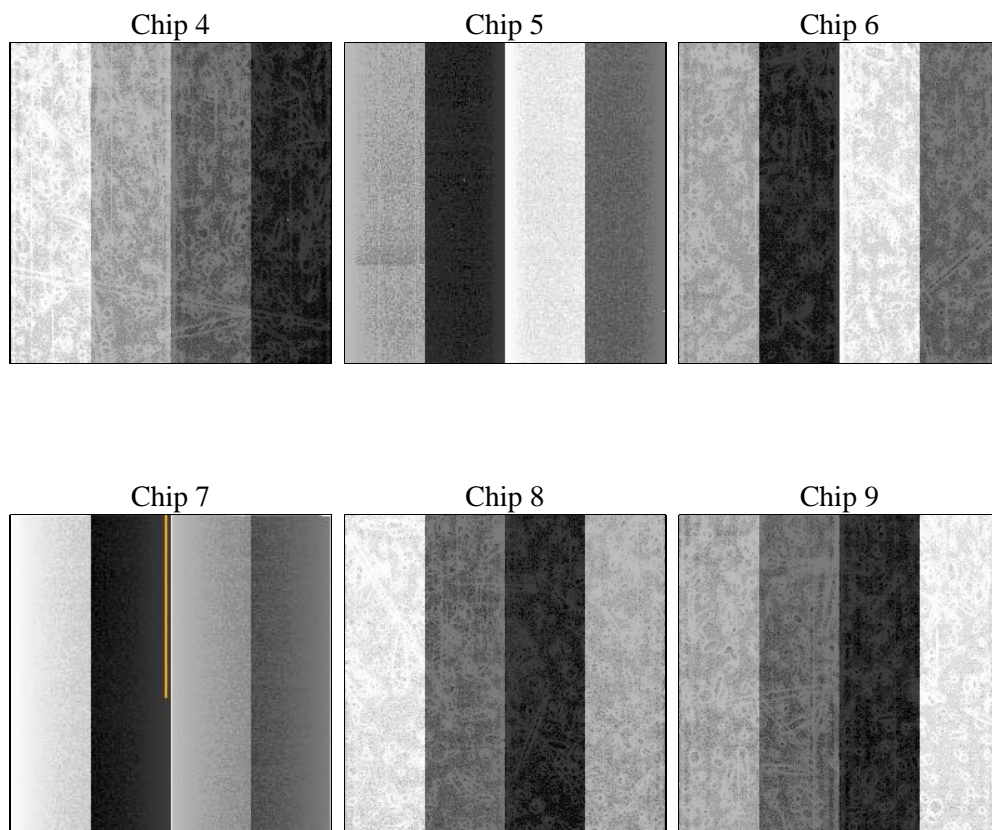
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7794.6115304828	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	3623.464222461	Sum of GTIs [s]
date	2012-10-29T07:07:11	Date and time of file creation	ontime5	7794.6115304828	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3983.2233174145	Sum of GTIs [s]
			ontime7	7794.6115304828	Sum of GTIs [s]
			ontime8	4093.3680243194	Sum of GTIs [s]
			ontime9	3869.7885308564	Sum of GTIs [s]
			l1events	1419789	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	164056	333755	188730	357881	198166	177201	grade 0 events	80449	69625	88786	79499	92895	83773
rejected events	25822	49070	25960	39133	29426	25681		49%	20%	47%	22%	46%	47%
rejected %	15%	14%	13%	10%	14%	14%	grade 1 events	508	216	449	217	458	428
								0%	0%	0%	0%	0%	0%
							grade 2 events	21965	99414	28223	70147	29440	26010
								13%	29%	14%	19%	14%	14%
							grade 3 events	9144	18517	10110	32366	10515	9693
								5%	5%	5%	9%	5%	5%
							grade 4 events	9127	17956	10103	31783	10922	9638
								5%	5%	5%	8%	5%	5%
							grade 5 events	1618	8633	1918	7461	2203	1923
								0%	2%	1%	2%	1%	1%
							grade 6 events	17549	79173	25548	104953	24968	22406
								10%	23%	13%	29%	12%	12%
							grade 7 events	23696	40221	23593	31455	26765	23330
								14%	12%	12%	8%	13%	13%

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	257.5234494535019	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-39.17793798795716	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	17.63615231795859			
[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)	171099768.803652	171099767.77894			
Observation start date	2003-06-04T07:42:49	2003-06-04T07:42:47			
[s] Observation end time (MET)	171111954.004169	171111952.97945			
Observation end date	2003-06-04T11:05:54	2003-06-04T11:05:52			
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)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7946115304828

A.2 Comments