

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60691 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 29 2012

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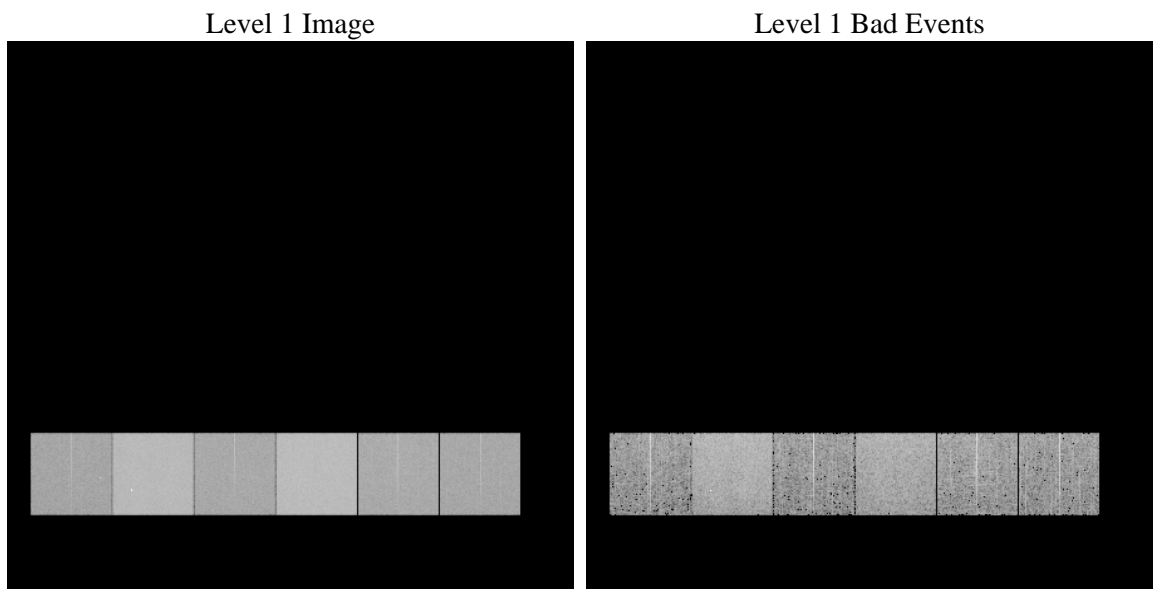
1 Front

seq_num	 	Sequence number
obs_id	60691	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	284.99934619897	Nominal RA [deg]
dec_nom	-37.771388498754	Nominal Dec [deg]
roll_nom	58.171370871187	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8459.301679343	Sum of GTIs [s]
livetime	8352.1849078992	Livetime [s]
ontime4	4015.6372748613	Sum of GTIs [s]
ontime5	8459.2606393397	Sum of GTIs [s]
ontime6	4326.7738771439	Sum of GTIs [s]
ontime7	8459.301679343	Sum of GTIs [s]
ontime8	4531.0743260086	Sum of GTIs [s]
ontime9	4232.7845445871	Sum of GTIs [s]
l2events	1259073	Number of level 2 events

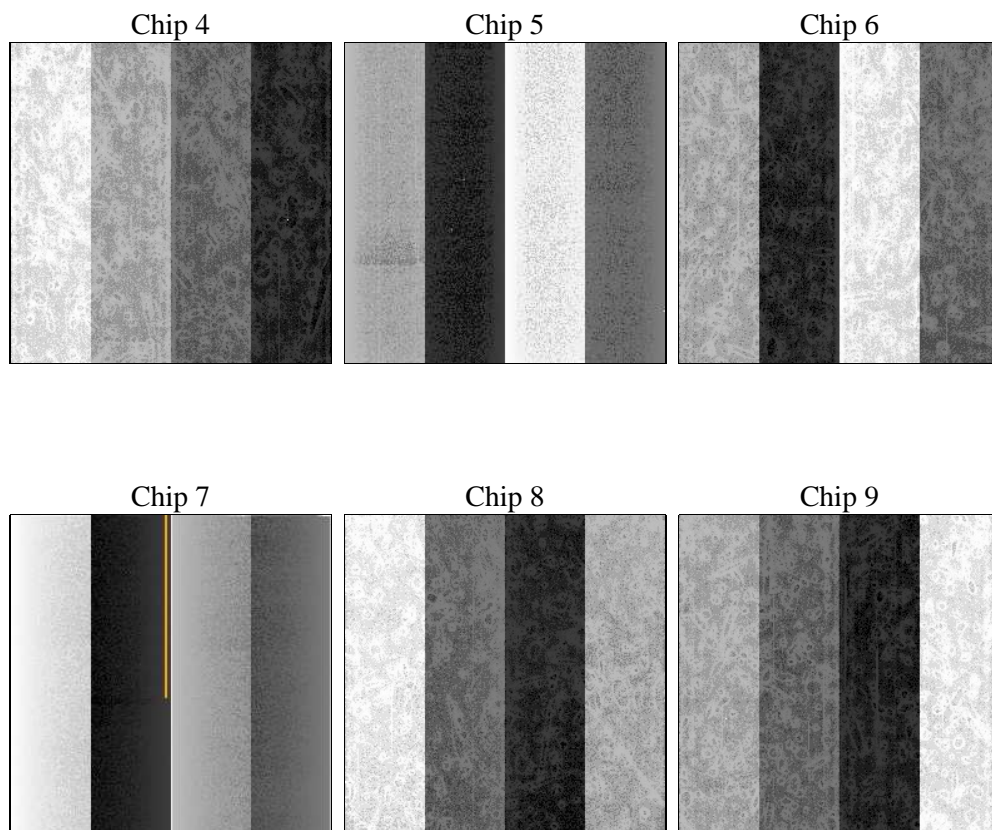
2 OBI

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	8.4.5	Processing system revision	ontime	8459.301679343	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	4015.6372748613	Sum of GTIs [s]
date	2012-10-29T18:52:06	Date and time of file creation	ontime5	8459.2606393397	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	4326.7738771439	Sum of GTIs [s]
			ontime7	8459.301679343	Sum of GTIs [s]
			ontime8	4531.0743260086	Sum of GTIs [s]
			ontime9	4232.7845445871	Sum of GTIs [s]
			l1events	1538691	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	179108	357034	202636	388352	217488	194073	grade 0 events	87382	69451	95288	86163	101594	91110
rejected events	28729	54096	28178	44215	33394	29843		48%	19%	47%	22%	46%	46%
rejected %	16%	15%	13%	11%	15%	15%	grade 1 events	604	213	463	240	549	487
								0%	0%	0%	0%	0%	0%
							grade 2 events	24091	108925	29898	75971	32098	28103
								13%	30%	14%	19%	14%	14%
							grade 3 events	9990	19667	10916	34840	11974	10518
								5%	5%	5%	8%	5%	5%
							grade 4 events	9890	18406	11014	34578	11703	10479
								5%	5%	5%	8%	5%	5%
							grade 5 events	1833	9484	2106	8479	2446	2094
								1%	2%	1%	2%	1%	1%
							grade 6 events	19026	86600	27342	112708	26886	24020
								10%	24%	13%	29%	12%	12%
							grade 7 events	26292	44288	25609	35373	30238	27262
								14%	12%	12%	9%	13%	14%

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	284.9993461989694	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-37.77138849875393	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	58.17137087118653			
[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)	172061075.344473	172061074.31976			
Observation start date	2003-06-15T10:44:35	2003-06-15T10:44:34			
[s] Observation end time (MET)	172084029.195449	172084028.17073			
Observation end date	2003-06-15T17:07:09	2003-06-15T17:07:08			
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	8.459301679343

A.2 Comments