

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62143 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 23 2012

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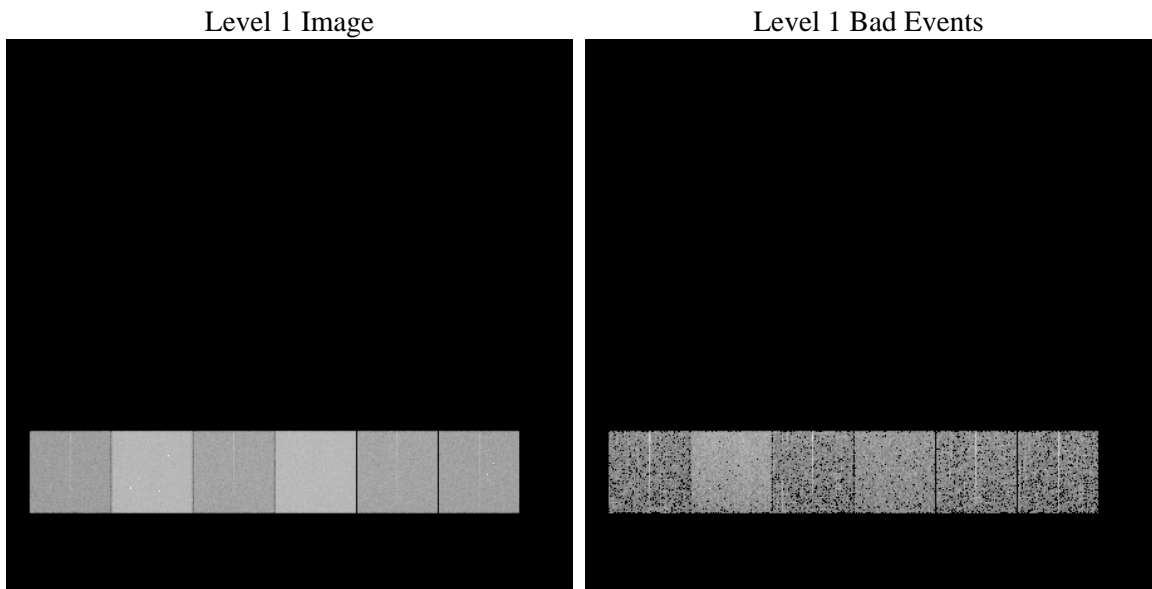
1 Front

seq_num	 	Sequence number
obs_id	62143	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	251.4876267134	Nominal RA [deg]
dec_nom	-11.773858992508	Nominal Dec [deg]
roll_nom	82.6918082602	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2939.9107116014	Sum of GTIs [s]
livetime	2902.6837919694	Livetime [s]
ontime4	1168.9129464477	Sum of GTIs [s]
ontime5	3157.0563022941	Sum of GTIs [s]
ontime6	1316.1573636532	Sum of GTIs [s]
ontime7	2939.9107116014	Sum of GTIs [s]
ontime8	1324.5238262862	Sum of GTIs [s]
ontime9	1249.7747363746	Sum of GTIs [s]
l2events	926481	Number of level 2 events

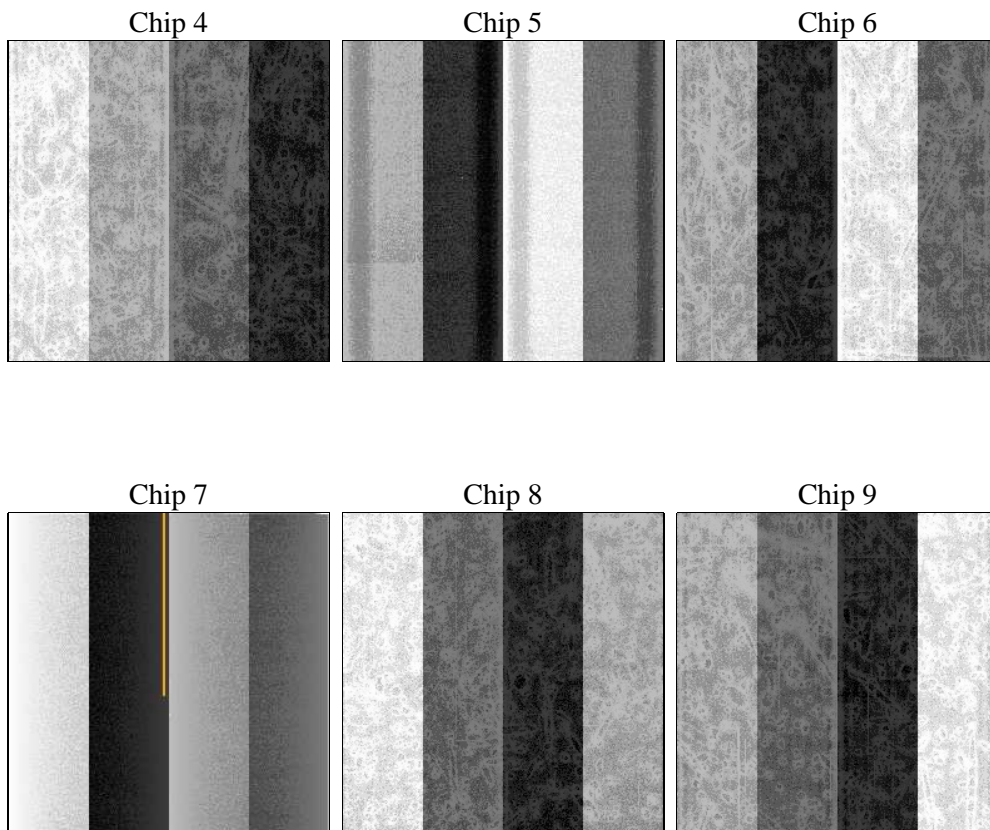
2 OBI

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	2939.9107116014	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime4	1168.9129464477	Sum of GTIs [s]
date	2012-08-23T18:41:35	Date and time of file creation	ontime5	3157.0563022941	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	1316.1573636532	Sum of GTIs [s]
			ontime7	2939.9107116014	Sum of GTIs [s]
			ontime8	1324.5238262862	Sum of GTIs [s]
			ontime9	1249.7747363746	Sum of GTIs [s]
			l1events	1063182	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	110866	274812	134214	284747	135590	122953	grade 0 events	55684	64123	66413	69440	66981	60689
rejected events	12561	25778	13427	16747	14105	12615		50%	23%	49%	24%	49%	49%
rejected %	11%	9%	10%	5%	10%	10%	grade 1 events	370	302	399	177	410	405
								0%	0%	0%	0%	0%	0%
							grade 2 events	17146	87146	20848	59640	21256	19633
								15%	31%	15%	20%	15%	15%
							grade 3 events	6122	16717	7488	27438	7629	6877
								5%	6%	5%	9%	5%	5%
							grade 4 events	6067	16609	7342	27614	7642	6707
								5%	6%	5%	9%	5%	5%
							grade 5 events	830	5313	1055	3890	1078	1002
								0%	1%	0%	1%	0%	0%
							grade 6 events	13286	64708	18966	84167	17977	16432
								11%	23%	14%	29%	13%	13%
							grade 7 events	11361	19894	11703	12381	12617	11208
								10%	7%	8%	4%	9%	9%

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	251.4876267133957	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-11.77385899250777	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	82.69180826019956			
[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)	68301423.87305699	68301423.10458399			
Observation start date	2000-03-01T12:37:04	2000-03-01T12:37:03			
[s] Observation end time (MET)	68345363.574663	68345362.806188			
Observation end date	2000-03-02T00:49:24	2000-03-02T00:49:22			
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)	2012.08.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.9399107116014

A.2 Comments