

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60665 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 31 2012

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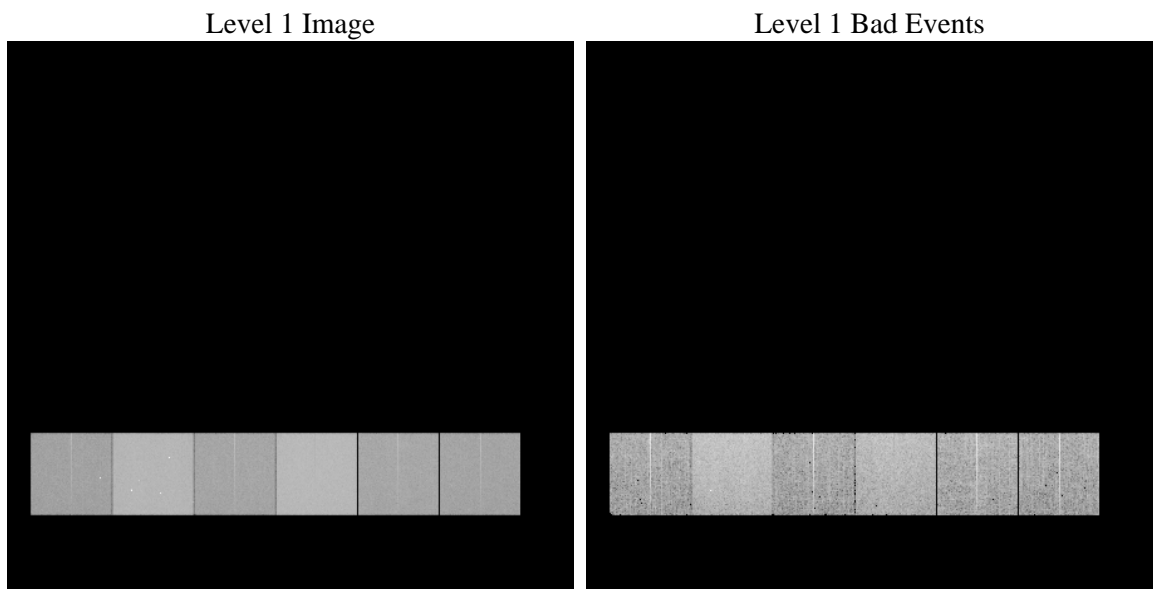
1 Front

seq_num	 	Sequence number
obs_id	60665	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	357.97609429074	Nominal RA [deg]
dec_nom	0.015744965821084	Nominal Dec [deg]
roll_nom	113.77763842353	Nominal Roll [deg]
revision	3	Processing version of data
ontime	12201.599954545	Sum of GTIs [s]
livetime	12047.095949	Livetime [s]
ontime4	5638.3799796402	Sum of GTIs [s]
ontime5	12201.599954545	Sum of GTIs [s]
ontime6	6127.7301140726	Sum of GTIs [s]
ontime7	12201.599954545	Sum of GTIs [s]
ontime8	6306.0673217773	Sum of GTIs [s]
ontime9	5923.4239035547	Sum of GTIs [s]
l2events	1808933	Number of level 2 events

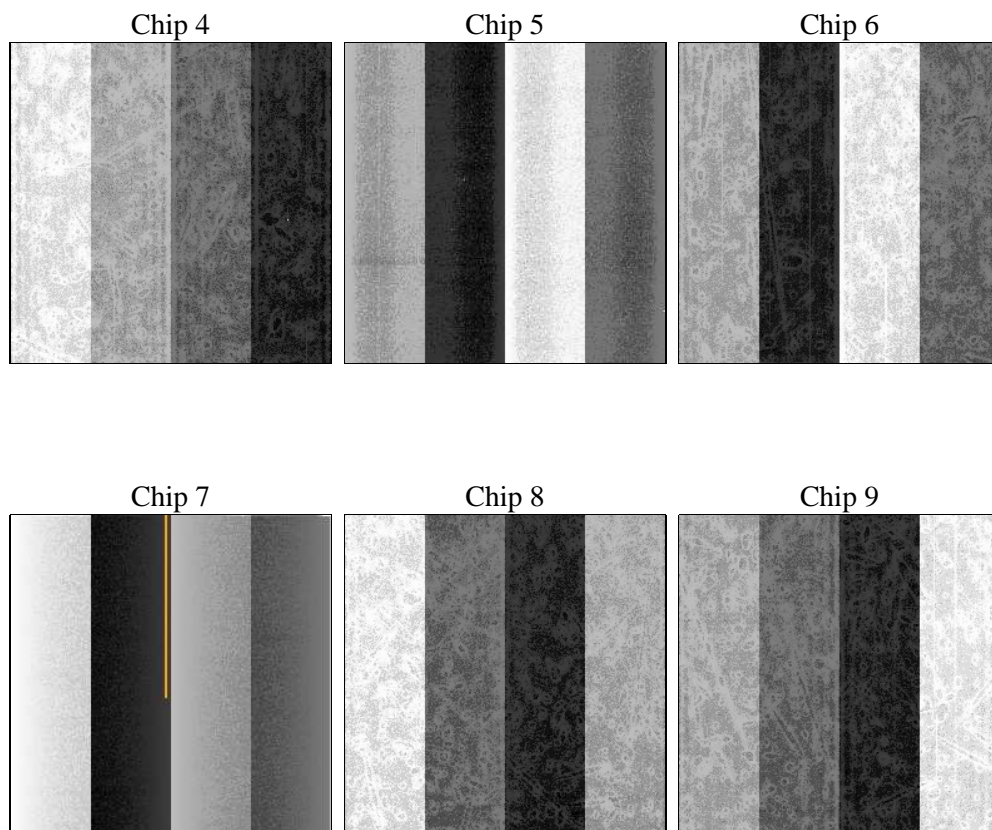
2 OBI

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	12201.599954545	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	5638.3799796402	Sum of GTIs [s]
date	2012-10-31T16:30:01	Date and time of file creation	ontime5	12201.599954545	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	6127.7301140726	Sum of GTIs [s]
			ontime7	12201.599954545	Sum of GTIs [s]
			ontime8	6306.0673217773	Sum of GTIs [s]
			ontime9	5923.4239035547	Sum of GTIs [s]
			l1events	2208206	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	255261	518970	290227	561982	307598	274168	grade 0 events	124553	110242	135781	126440	142639	127946
rejected events	40564	75373	40462	62994	47016	41193		48%	21%	46%	22%	46%	46%
rejected %	15%	14%	13%	11%	15%	15%	grade 1 events	833	491	599	355	693	699
								0%	0%	0%	0%	0%	0%
							grade 2 events	34627	154232	43107	110489	45519	40271
								13%	29%	14%	19%	14%	14%
							grade 3 events	14190	28699	15335	50509	16650	14720
								5%	5%	5%	8%	5%	5%
							grade 4 events	13990	28195	15510	50004	16753	14704
								5%	5%	5%	8%	5%	5%
							grade 5 events	2638	13066	2941	11933	3430	3003
								1%	2%	1%	2%	1%	1%
							grade 6 events	27337	122332	40032	161679	39021	35334
								10%	23%	13%	28%	12%	12%
							grade 7 events	37093	61713	36922	50573	42893	37491
								14%	11%	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	357.9760942907372	Alternating exposures requested	N	N
[deg] Pointing Dec	0	0.01574496582108355	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	113.7776384235282			
[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)	174303045.639851	174303044.61512			
Observation start date	2003-07-11T09:30:46	2003-07-11T09:30:44			
[s] Observation end time (MET)	174345376.091657	174345375.06692			
Observation end date	2003-07-11T21:16:16	2003-07-11T21:16:15			
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	12.201599954545

A.2 Comments