

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61187 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 8 2012

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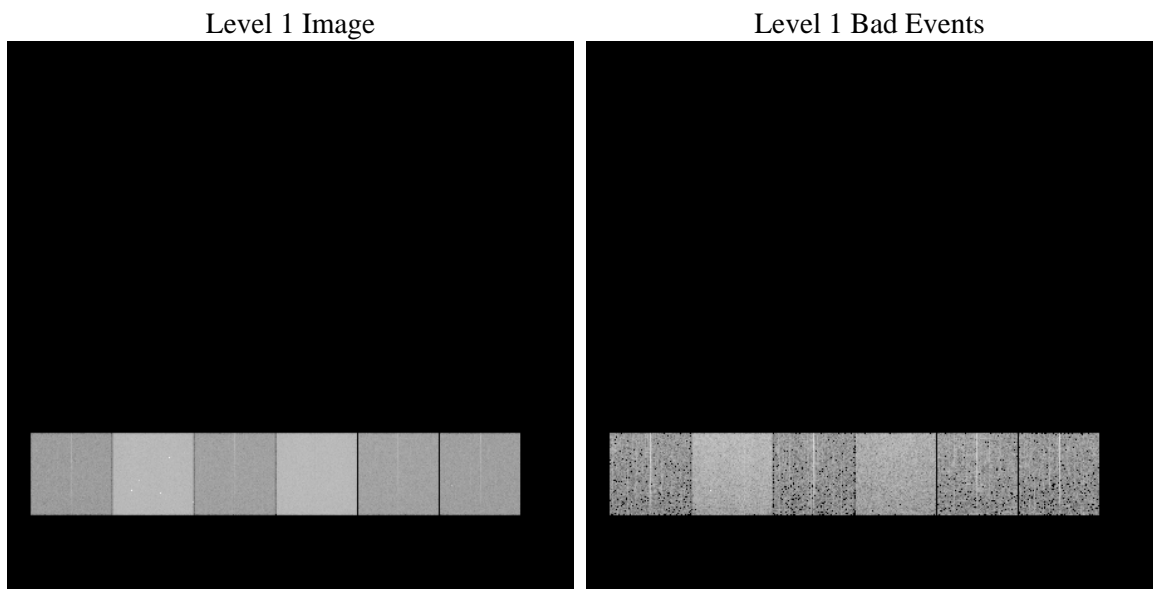
1 Front

seq_num	 	Sequence number
obs_id	61187	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	351.97509101451	Nominal RA [deg]
dec_nom	-11.485057472655	Nominal Dec [deg]
roll_nom	115.71985634941	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6991.48341313	Sum of GTIs [s]
livetime	6902.9530403871	Livetime [s]
ontime4	2557.8156864345	Sum of GTIs [s]
ontime5	7486.5119751394	Sum of GTIs [s]
ontime6	2835.7479463816	Sum of GTIs [s]
ontime7	6991.48341313	Sum of GTIs [s]
ontime8	2965.4708087742	Sum of GTIs [s]
ontime9	2748.1166968346	Sum of GTIs [s]
l2events	1224395	Number of level 2 events

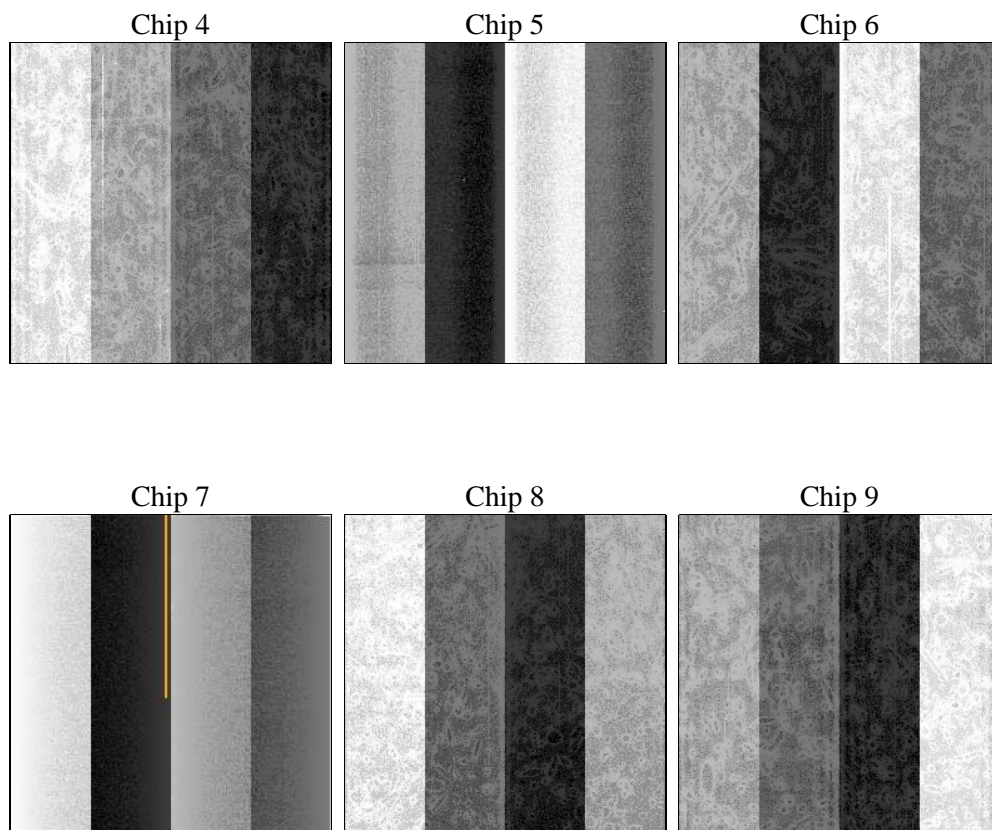
2 OBI

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	6991.48341313	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	2557.8156864345	Sum of GTIs [s]
date	2012-10-08T09:31:27	Date and time of file creation	ontime5	7486.5119751394	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2835.7479463816	Sum of GTIs [s]
			ontime7	6991.48341313	Sum of GTIs [s]
			ontime8	2965.4708087742	Sum of GTIs [s]
			ontime9	2748.1166968346	Sum of GTIs [s]
			l1events	1446519	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	144735	393892	169523	400223	179216	158930	grade 0 events	70508	86545	81515	91683	86381	76185
rejected events	20391	48565	20218	35915	22833	19802		48%	21%	48%	22%	48%	47%
rejected %	14%	12%	11%	8%	12%	12%	grade 1 events	398	428	387	243	454	407
								0%	0%	0%	0%	0%	0%
							grade 2 events	21982	120734	25869	80719	27549	24632
								15%	30%	15%	20%	15%	15%
							grade 3 events	7578	22477	9234	37274	10001	8557
								5%	5%	5%	9%	5%	5%
							grade 4 events	7475	22318	9188	36393	9770	8856
								5%	5%	5%	9%	5%	5%
							grade 5 events	1229	8983	1480	7085	1727	1520
								0%	2%	0%	1%	0%	0%
							grade 6 events	16972	93253	23499	118402	22682	20898
								11%	23%	13%	29%	12%	13%
							grade 7 events	18593	39154	18351	28424	20652	17875
								12%	9%	10%	7%	11%	11%

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	351.9750910145111	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-11.48505747265524	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	115.7198563494051			
[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)	138437303.993364	138437302.96864			
Observation start date	2002-05-22T06:48:24	2002-05-22T06:48:22			
[s] Observation end time (MET)	138472752.594812	138472751.57009			
Observation end date	2002-05-22T16:39:13	2002-05-22T16:39:11			
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)	2012.10.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.99148341313

A.2 Comments