

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61617 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 17 2012

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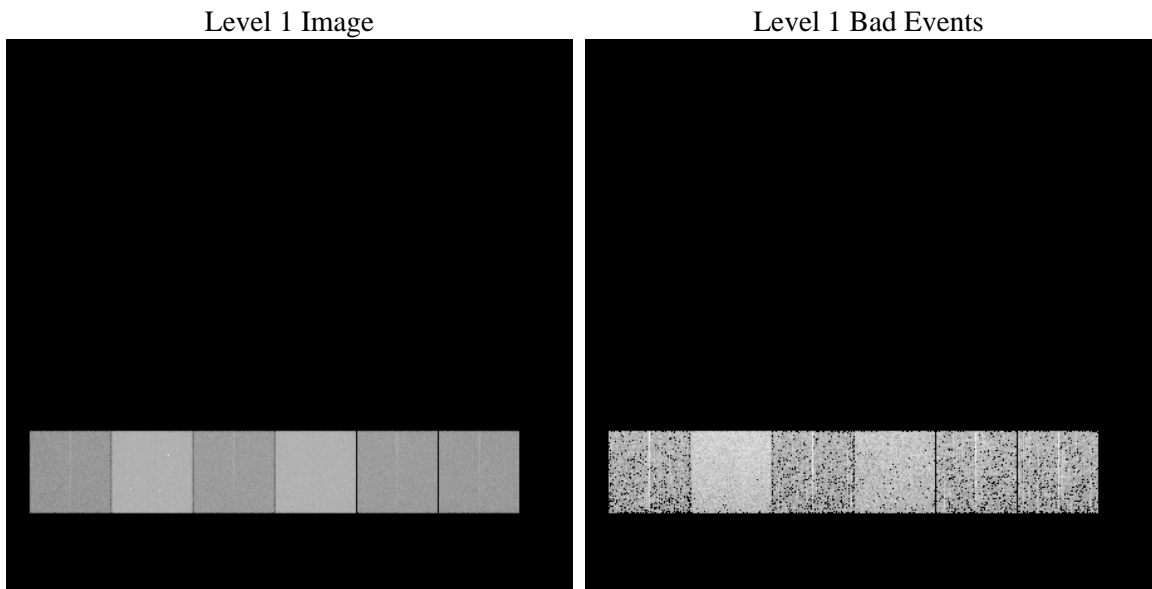
1 Front

seq_num	 	Sequence number
obs_id	61617	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	349.97446252887	Nominal RA [deg]
dec_nom	-16.98498454818	Nominal Dec [deg]
roll_nom	115.70466790518	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4135.5341924131	Sum of GTIs [s]
livetime	4083.167568349	Livetime [s]
ontime4	1623.7589023113	Sum of GTIs [s]
ontime5	4449.4825171381	Sum of GTIs [s]
ontime6	1814.9801820815	Sum of GTIs [s]
ontime7	4135.5341924131	Sum of GTIs [s]
ontime8	1821.4622321576	Sum of GTIs [s]
ontime9	1756.2987132967	Sum of GTIs [s]
l2events	954566	Number of level 2 events

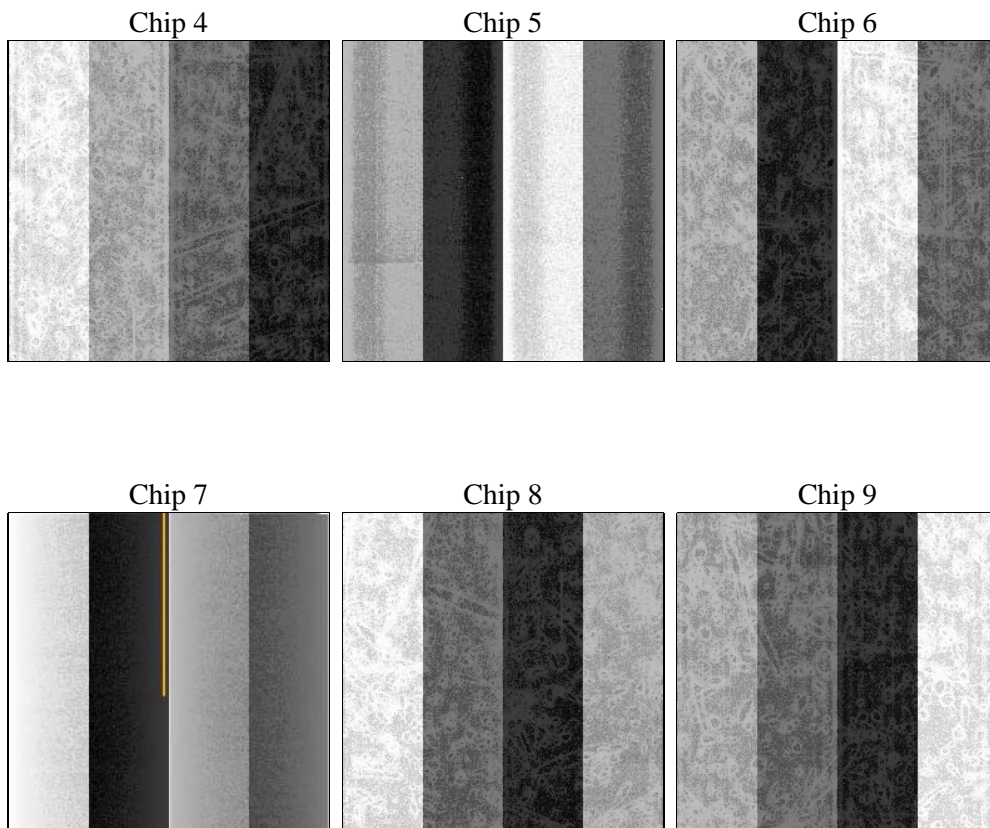
2 OBI

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	4135.5341924131	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	1623.7589023113	Sum of GTIs [s]
date	2012-09-17T03:10:14	Date and time of file creation	ontime5	4449.4825171381	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	1814.9801820815	Sum of GTIs [s]
			ontime7	4135.5341924131	Sum of GTIs [s]
			ontime8	1821.4622321576	Sum of GTIs [s]
			ontime9	1756.2987132967	Sum of GTIs [s]
			l1events	1107054	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	115344	291094	136720	297471	137650	128775	grade 0 events	57546	68556	67244	70387	67207	62809
rejected events	13884	30868	13646	21754	15279	14617		49%	23%	49%	23%	48%	48%
rejected %	12%	10%	9%	7%	11%	11%	grade 1 events	287	220	345	174	302	327
								0%	0%	0%	0%	0%	0%
							grade 2 events	17864	88361	21201	61263	21371	20182
								15%	30%	15%	20%	15%	15%
							grade 3 events	6160	17914	7622	28216	7680	7098
								5%	6%	5%	9%	5%	5%
							grade 4 events	6342	17512	7549	27974	7784	7078
								5%	6%	5%	9%	5%	5%
							grade 5 events	928	6096	1098	4607	1203	1013
								0%	2%	0%	1%	0%	0%
							grade 6 events	13548	67883	19458	87877	18329	16991
								11%	23%	14%	29%	13%	13%
							grade 7 events	12669	24552	12203	16973	13774	13277
								10%	8%	8%	5%	10%	10%

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	349.9744625288694	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-16.98498454817972	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	115.7046679051807			
[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)	107138505.188	107138504.41965			
Observation start date	2001-05-25T00:41:45	2001-05-25T00:41:44			
[s] Observation end time (MET)	107170323.239	107170322.4709			
Observation end date	2001-05-25T09:32:03	2001-05-25T09:32:02			
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)	2012.09.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.1355341924131

A.2 Comments