

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61281 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 3 2012

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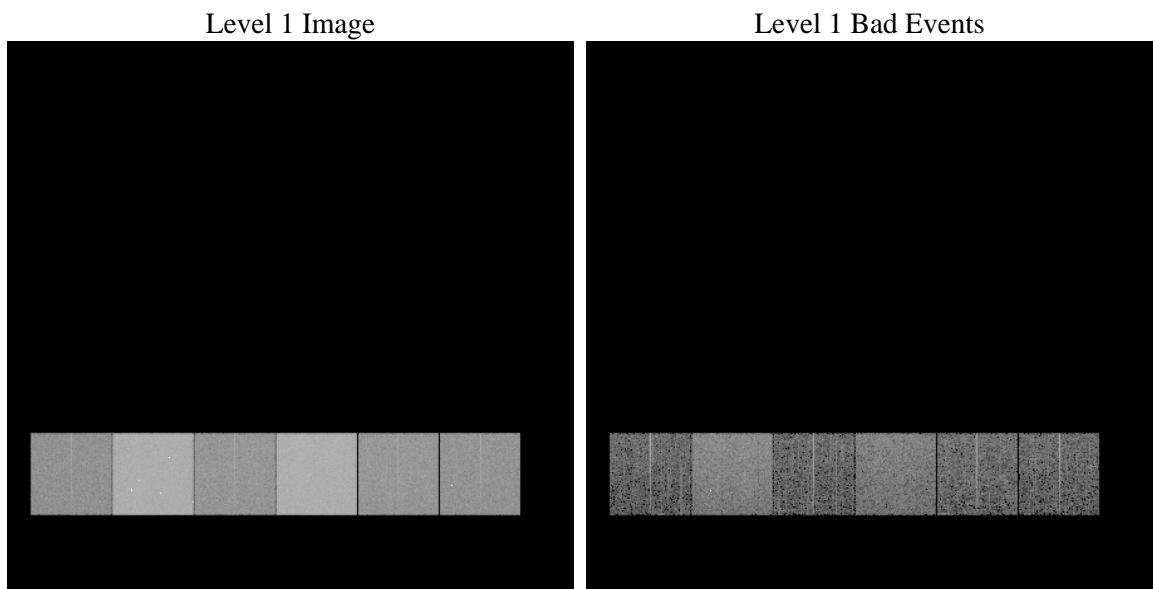
1 Front

seq_num	 	Sequence number
obs_id	61281	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	31.061997420557	Nominal RA [deg]
dec_nom	63.991125648747	Nominal Dec [deg]
roll_nom	309.04370910948	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7251.9639878422	Sum of GTIs [s]
livetime	7160.1352532197	Livetime [s]
ontime4	2610.7315247208	Sum of GTIs [s]
ontime5	7721.9029661119	Sum of GTIs [s]
ontime6	2860.4298682958	Sum of GTIs [s]
ontime7	7251.9639878422	Sum of GTIs [s]
ontime8	2918.7682890445	Sum of GTIs [s]
ontime9	2775.8602148443	Sum of GTIs [s]
l2events	1324234	Number of level 2 events

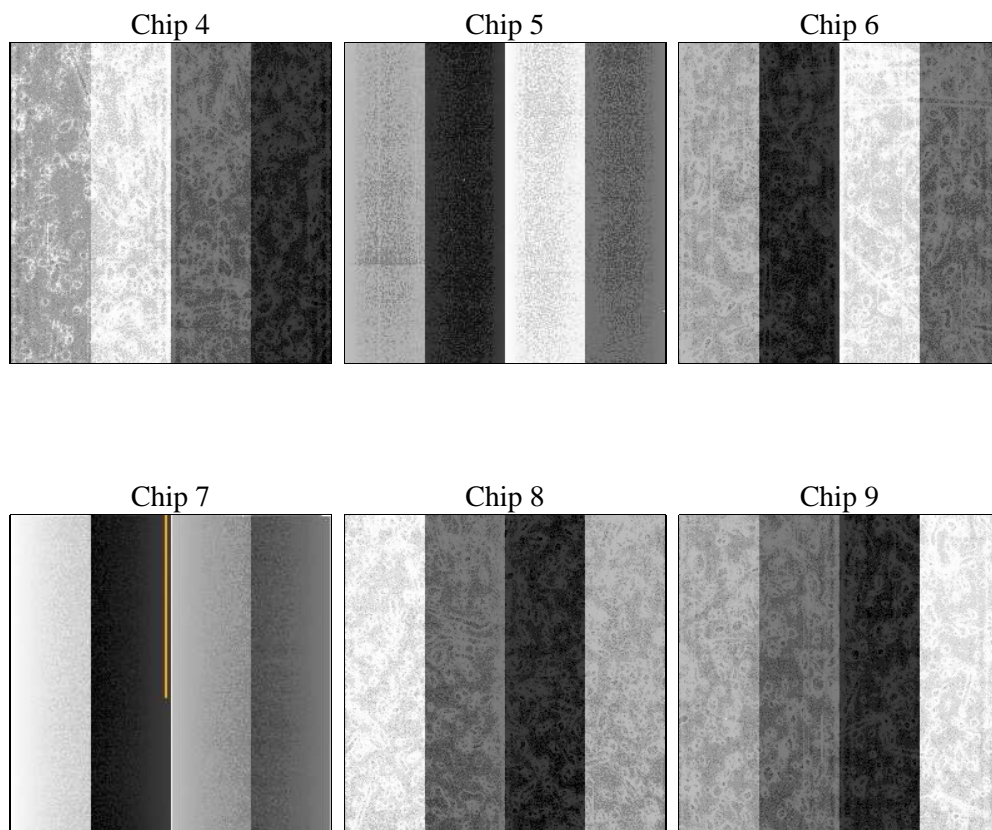
2 OBI

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	7251.9639878422	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	2610.7315247208	Sum of GTIs [s]
date	2012-10-03T04:49:07	Date and time of file creation	ontime5	7721.9029661119	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2860.4298682958	Sum of GTIs [s]
			ontime7	7251.9639878422	Sum of GTIs [s]
			ontime8	2918.7682890445	Sum of GTIs [s]
			ontime9	2775.8602148443	Sum of GTIs [s]
			l1events	1571771	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	156215	432875	182188	441054	189090	170349	grade 0 events	75877	91168	87285	101365	90040	82077
rejected events	22066	56210	22252	40076	25402	22136		48%	21%	47%	22%	47%	48%
rejected %	14%	12%	12%	9%	13%	12%	grade 1 events	405	308	474	248	445	419
								0%	0%	0%	0%	0%	0%
							grade 2 events	23688	134341	27742	88156	28995	25743
								15%	31%	15%	19%	15%	15%
							grade 3 events	8235	23690	9939	40881	10422	9038
								5%	5%	5%	9%	5%	5%
							grade 4 events	8222	23633	9858	40444	10238	9051
								5%	5%	5%	9%	5%	5%
							grade 5 events	1384	10095	1635	8149	1927	1610
								0%	2%	0%	1%	1%	0%
							grade 6 events	18127	104164	25288	130468	24179	22467
								11%	24%	13%	29%	12%	13%
							grade 7 events	20277	45476	19967	31343	22844	19944
								12%	10%	10%	7%	12%	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	31.06199742055662	Alternating exposures requested	N	N
[deg] Pointing Dec	0	63.99112564874681	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	309.0437091094793			
[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)	131164963.291653	131164962.52319			
Observation start date	2002-02-27T02:42:43	2002-02-27T02:42:42			
[s] Observation end time (MET)	131182835.192376	131182834.42391			
Observation end date	2002-02-27T07:40:35	2002-02-27T07:40:34			
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)	2012.10.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.2519639878422

A.2 Comments