

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60241 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 1 2012

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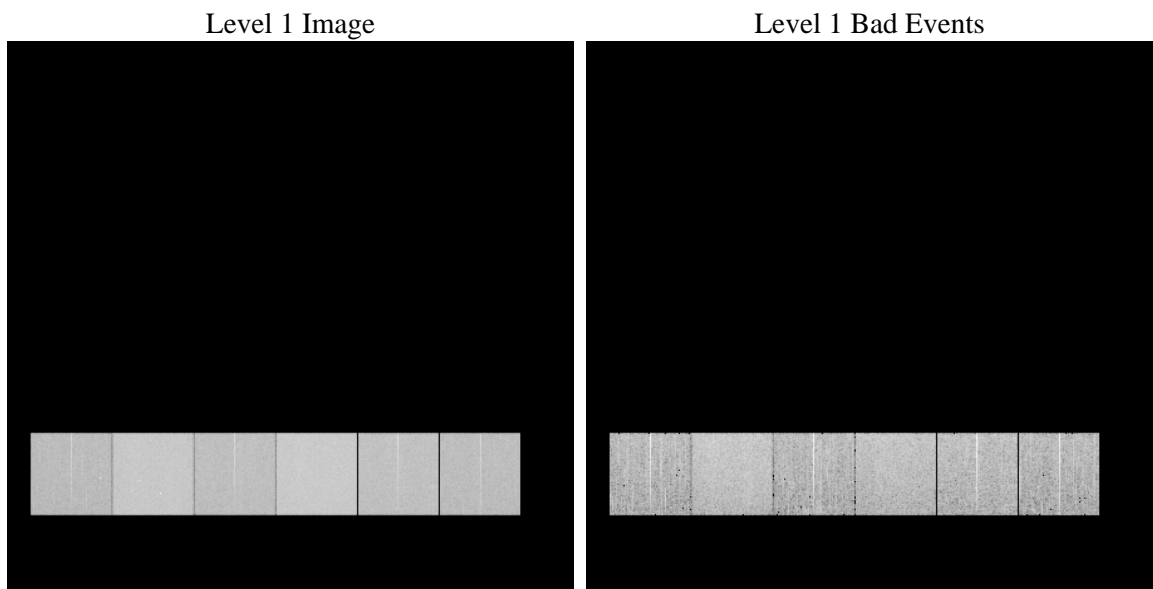
1 Front

seq_num	 	Sequence number
obs_id	60241	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	222.23085489297	Nominal RA [deg]
dec_nom	-22.100422422861	Nominal Dec [deg]
roll_nom	326.22828973338	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8358.0158835053	Sum of GTIs [s]
livetime	8252.1816537954	Livetime [s]
ontime4	5223.8727132082	Sum of GTIs [s]
ontime5	8357.974843502	Sum of GTIs [s]
ontime6	5651.7232640982	Sum of GTIs [s]
ontime7	8358.0158835053	Sum of GTIs [s]
ontime8	5953.0515187383	Sum of GTIs [s]
ontime9	5493.03769508	Sum of GTIs [s]
l2events	1167364	Number of level 2 events

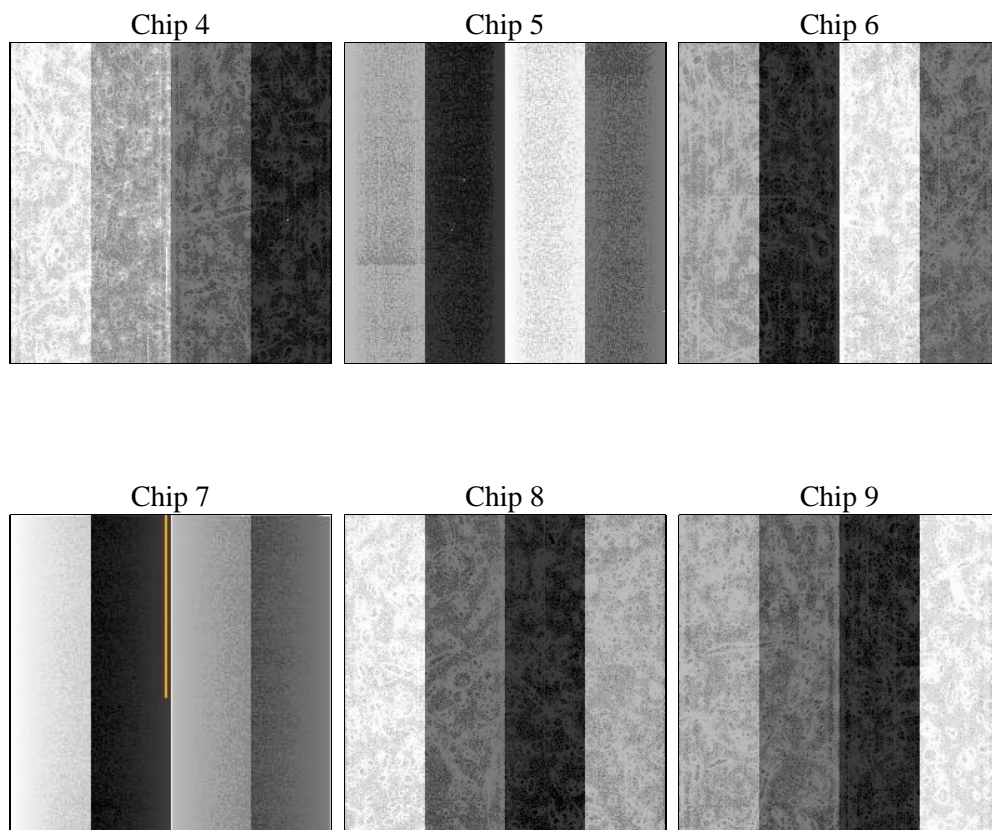
2 OBI

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	8358.0158835053	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	5223.8727132082	Sum of GTIs [s]
date	2012-12-01T01:22:39	Date and time of file creation	ontime5	8357.974843502	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5651.7232640982	Sum of GTIs [s]
			ontime7	8358.0158835053	Sum of GTIs [s]
			ontime8	5953.0515187383	Sum of GTIs [s]
			ontime9	5493.03769508	Sum of GTIs [s]
			l1events	1531741	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	201261	310452	227326	333528	245384	213790	grade 0 events	91916	53770	100377	68466	108460	94968
rejected events	45018	62522	45353	53686	50103	43678		45%	17%	44%	20%	44%	44%
rejected %	22%	20%	19%	16%	20%	20%	grade 1 events	684	210	530	208	561	586
								0%	0%	0%	0%	0%	0%
							grade 2 events	25128	91974	31501	62366	34314	29273
								12%	29%	13%	18%	13%	13%
							grade 3 events	10422	14681	11210	28538	12861	11010
								5%	4%	4%	8%	5%	5%
							grade 4 events	10428	14294	11510	28032	12700	11174
								5%	4%	5%	8%	5%	5%
							grade 5 events	2455	9477	2920	9215	3406	2883
								1%	3%	1%	2%	1%	1%
							grade 6 events	20225	76201	29336	95729	29354	25702
								10%	24%	12%	28%	11%	12%
							grade 7 events	40003	49845	39942	40974	43728	38194
								19%	16%	17%	12%	17%	17%

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	222.2308548929678	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-22.1004224228615	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	326.2282897333766			
[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)	200393390.621602	200393389.59657			
Observation start date	2004-05-08T08:49:51	2004-05-08T08:49:49			
[s] Observation end time (MET)	200416182.522608	200416181.49757			
Observation end date	2004-05-08T15:09:43	2004-05-08T15:09:41			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3580158835053

A.2 Comments