

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61274 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 3 2012

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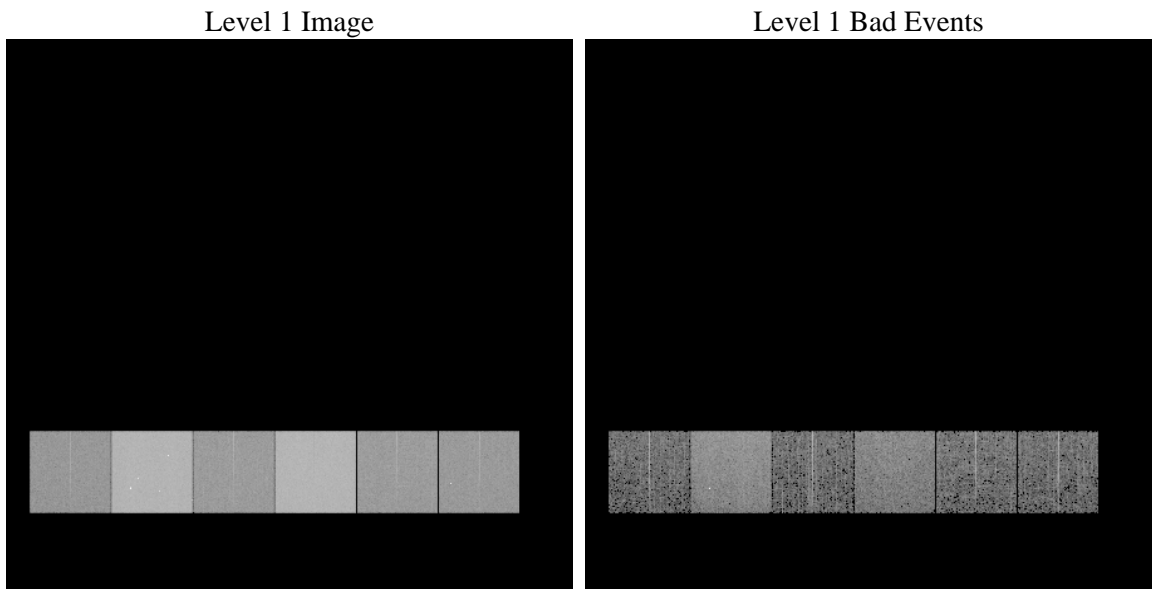
1 Front

seq_num	 	Sequence number
obs_id	61274	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	95.017688857383	Nominal RA [deg]
dec_nom	1.9774813129573	Nominal Dec [deg]
roll_nom	275.30364455702	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6719.3246979266	Sum of GTIs [s]
livetime	6634.2405627099	Livetime [s]
ontime4	2420.8945949823	Sum of GTIs [s]
ontime5	7192.5044279397	Sum of GTIs [s]
ontime6	2657.4489262104	Sum of GTIs [s]
ontime7	6719.3246979266	Sum of GTIs [s]
ontime8	2641.3259059042	Sum of GTIs [s]
ontime9	2567.6212138683	Sum of GTIs [s]
l2events	1219755	Number of level 2 events

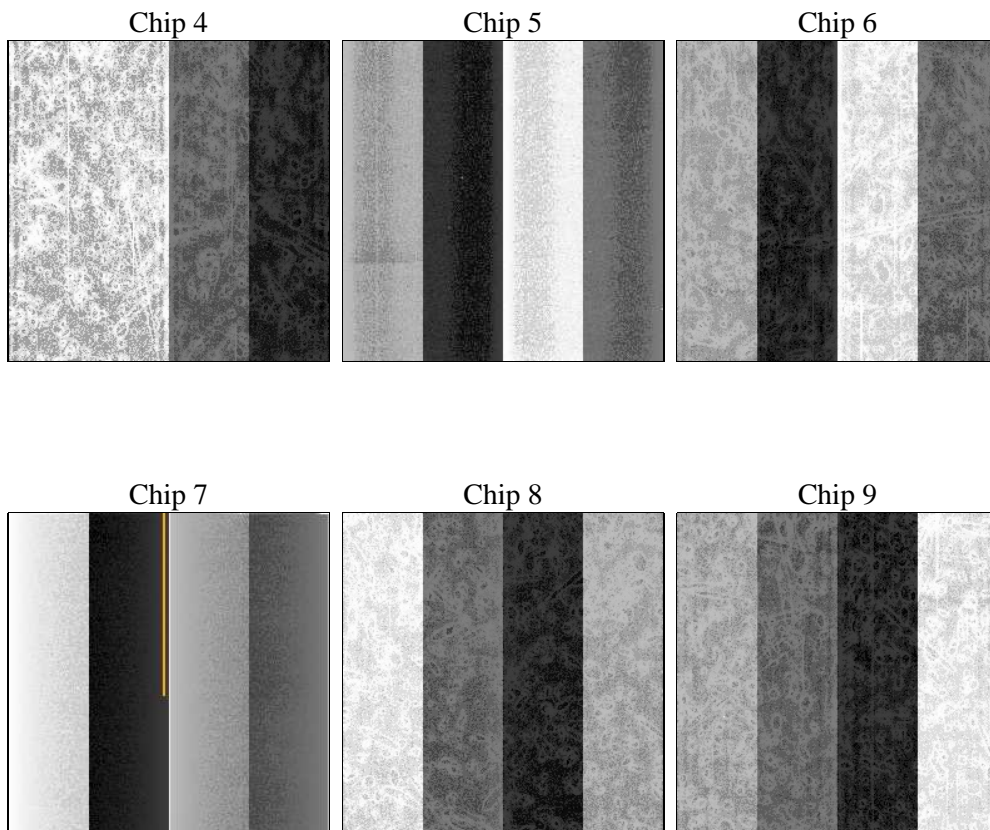
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	6719.3246979266	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	2420.8945949823	Sum of GTIs [s]
date	2012-10-03T10:08:04	Date and time of file creation	ontime5	7192.5044279397	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2657.4489262104	Sum of GTIs [s]
			ontime7	6719.3246979266	Sum of GTIs [s]
			ontime8	2641.3259059042	Sum of GTIs [s]
			ontime9	2567.6212138683	Sum of GTIs [s]
			l1events	1448654	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	143673	400731	168553	407853	169929	157915	grade 0 events	70012	82978	80537	94549	80769	75629
rejected events	20166	52930	21322	37365	22932	20624		48%	20%	47%	23%	47%	47%
rejected %	14%	13%	12%	9%	13%	13%	grade 1 events	386	279	377	245	399	347
								0%	0%	0%	0%	0%	0%
							grade 2 events	21881	125190	25358	82269	25958	24054
								15%	31%	15%	20%	15%	15%
							grade 3 events	7675	21859	9004	37571	9267	8519
								5%	5%	5%	9%	5%	5%
							grade 4 events	7462	21803	8996	37421	9296	8574
								5%	5%	5%	9%	5%	5%
							grade 5 events	1283	9695	1472	7426	1708	1584
								0%	2%	0%	1%	1%	1%
							grade 6 events	16477	96115	23336	118860	21707	20672
								11%	23%	13%	29%	12%	13%
							grade 7 events	18497	42812	19473	29512	20825	18536
								12%	10%	11%	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	95.01768885738279	Alternating exposures requested	N	N
[deg] Pointing Dec	0	1.977481312957325	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	275.3036445570244			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	131812148.318	131812147.54936			
Observation start date	2002-03-06T14:29:08	2002-03-06T14:29:07			
[s] Observation end time (MET)	131847258.669	131847257.90078			
Observation end date	2002-03-07T00:14:19	2002-03-07T00:14:17			
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)	2012.10.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.7193246979266

A.2 Comments