

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61052 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 13 2012

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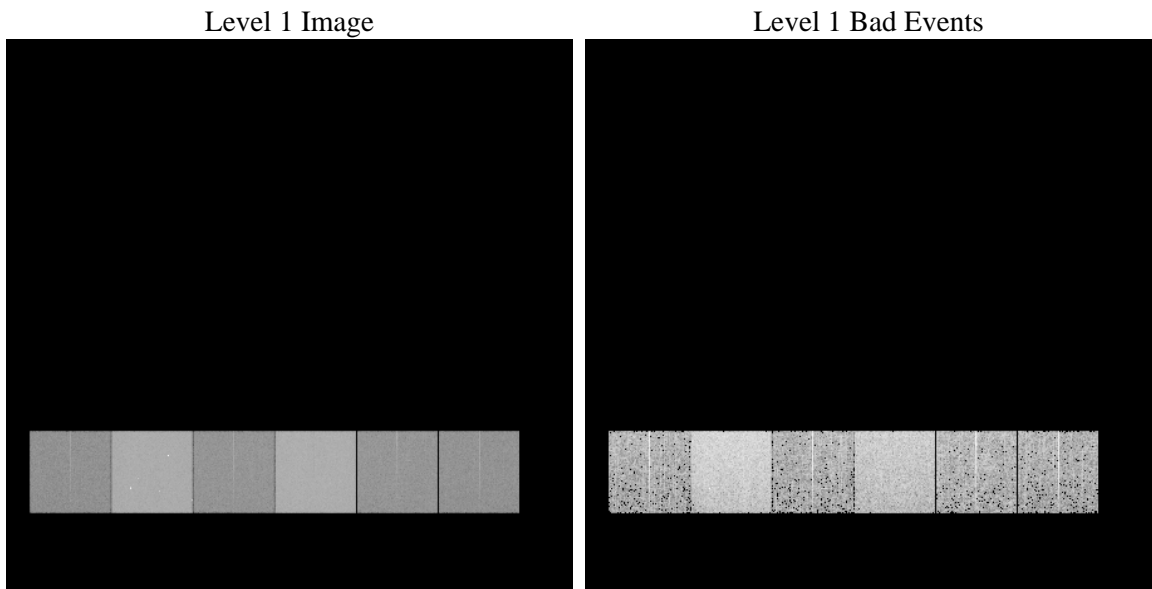
1 Front

seq_num	 	Sequence number
obs_id	61052	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	235.01022195873	Nominal RA [deg]
dec_nom	-20.026961176349	Nominal Dec [deg]
roll_nom	256.791490437	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7540.9317494035	Sum of GTIs [s]
livetime	7445.4439309886	Livetime [s]
ontime4	2763.6019648612	Sum of GTIs [s]
ontime5	7793.6856404841	Sum of GTIs [s]
ontime6	3014.162538588	Sum of GTIs [s]
ontime7	7540.9317494035	Sum of GTIs [s]
ontime8	3046.5725695491	Sum of GTIs [s]
ontime9	2884.5217262805	Sum of GTIs [s]
l2events	1208563	Number of level 2 events

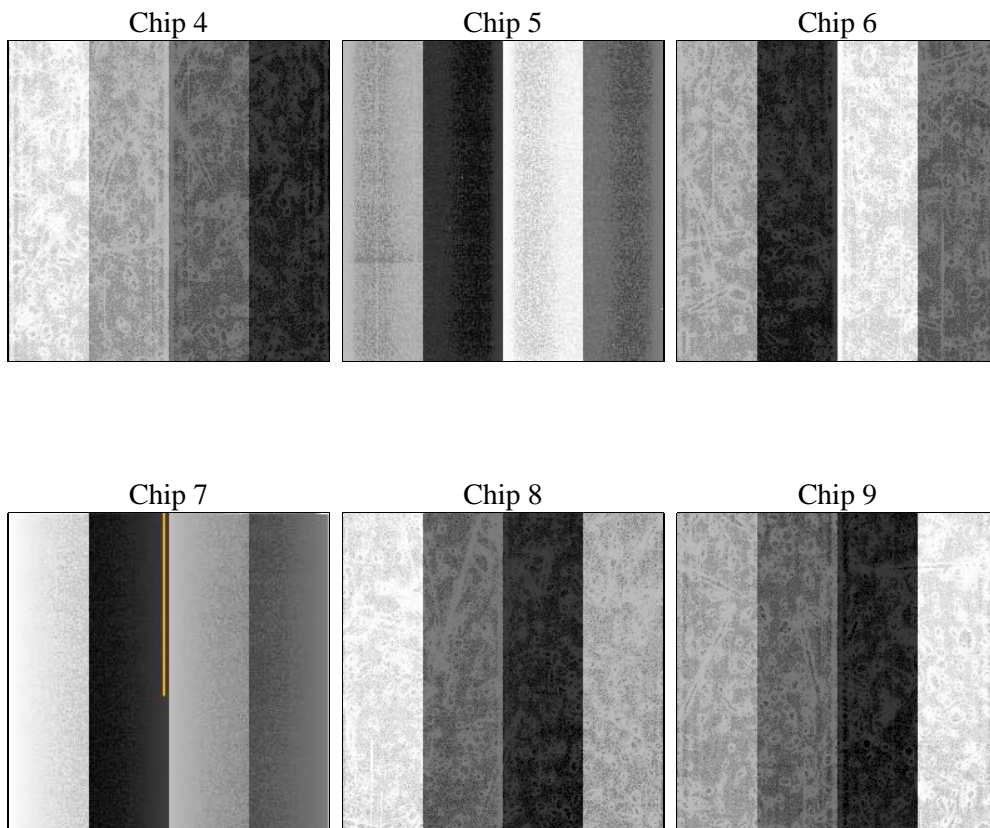
2 OBI

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	7540.9317494035	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	2763.6019648612	Sum of GTIs [s]
date	2012-10-13T05:25:05	Date and time of file creation	ontime5	7793.6856404841	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3014.162538588	Sum of GTIs [s]
			ontime7	7540.9317494035	Sum of GTIs [s]
			ontime8	3046.5725695491	Sum of GTIs [s]
			ontime9	2884.5217262805	Sum of GTIs [s]
			l1events	1436339	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	146636	384380	169195	406756	173487	155885	grade 0 events	73265	80383	81200	92727	82602	75308
rejected events	20407	50412	20806	38318	23244	19863		49%	20%	47%	22%	47%	48%
rejected %	13%	13%	12%	9%	13%	12%	grade 1 events	485	321	391	247	409	402
								0%	0%	0%	0%	0%	0%
							grade 2 events	20310	119554	25885	81898	26199	23147
								13%	31%	15%	20%	15%	14%
							grade 3 events	8337	21029	9196	37462	9666	8762
								5%	5%	5%	9%	5%	5%
							grade 4 events	8373	20791	9065	37436	9661	8605
								5%	5%	5%	9%	5%	5%
							grade 5 events	1331	9206	1530	7698	1655	1522
								0%	2%	0%	1%	0%	0%
							grade 6 events	15944	92211	23043	118915	22115	20200
								10%	23%	13%	29%	12%	12%
							grade 7 events	18591	40885	18885	30373	21180	17939
								12%	10%	11%	7%	12%	11%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	235.0102219587309
[deg] Pointing Dec	0	-20.0269611763489
[deg] Pointing Roll	0.0	256.7914904369971
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	147354972.459399	147354971.43469
Observation start date	2002-09-02T11:56:12	2002-09-02T11:56:11
[s] Observation end time (MET)	147385226.360647	147385225.33594
Observation end date	2002-09-02T20:20:26	2002-09-02T20:20:25
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.5409317494035

A.2 Comments