

V&V Reference Report

L2 ASCDS Version : 10

Observation 53360 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 1 2013

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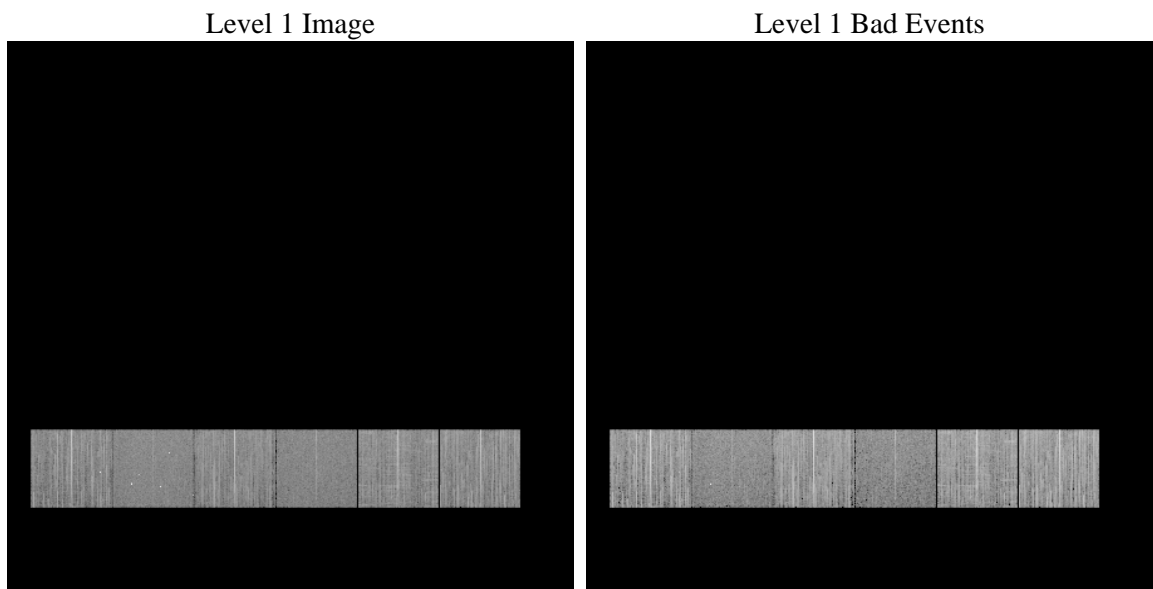
1 Front

seq_num	 	Sequence number
obs_id	53360	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	348.06702013546	Nominal RA [deg]
dec_nom	0.52632468178202	Nominal Dec [deg]
roll_nom	277.50455675072	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6191.9999769926	Sum of GTIs [s]
livetime	6113.5931449092	Livetime [s]
ontime4	6191.9999769926	Sum of GTIs [s]
ontime5	6191.9999769926	Sum of GTIs [s]
ontime6	6191.9999769926	Sum of GTIs [s]
ontime7	6191.9999769926	Sum of GTIs [s]
ontime8	6191.9999769926	Sum of GTIs [s]
ontime9	6191.9999769926	Sum of GTIs [s]
l2events	172598	Number of level 2 events

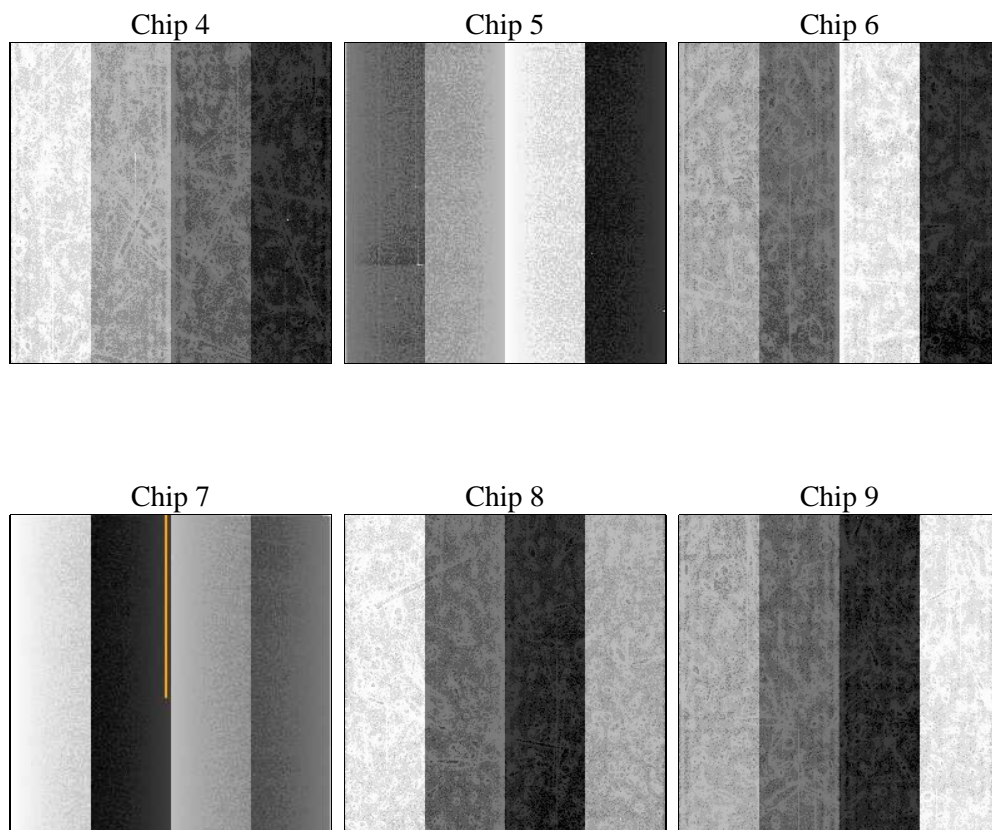
2 OBI

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	10.0.1	Processing system revision	ontime	6191.9999769926	Sum of GTIs [s]
caldbver	4.5.8	 	ontime4	6191.9999769926	Sum of GTIs [s]
date	2013-10-01T04:19:38	Date and time of file creation	ontime5	6191.9999769926	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	6191.9999769926	Sum of GTIs [s]
			ontime7	6191.9999769926	Sum of GTIs [s]
			ontime8	6191.9999769926	Sum of GTIs [s]
			ontime9	6191.9999769926	Sum of GTIs [s]
			l1events	703357	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	119516	105220	120541	95328	128132	134620	grade 0 events	14269	6337	12003	6597	14741	12081
rejected events	94865	57379	96493	52176	95537	111000		11%	6%	9%	6%	11%	8%
rejected %	79%	54%	80%	54%	74%	82%	grade 1 events	109	120	55	68	72	70
								0%	0%	0%	0%	0%	0%
							grade 2 events	4566	18297	5084	10903	6787	4786
								3%	17%	4%	11%	5%	3%
							grade 3 events	1689	1811	1612	3633	2712	1630
								1%	1%	1%	3%	2%	1%
							grade 4 events	1629	1667	1617	3672	2599	1661
								1%	1%	1%	3%	2%	1%
							grade 5 events	2408	4687	2381	5890	3138	2677
								2%	4%	1%	6%	2%	1%
							grade 6 events	3118	20889	4282	19468	6409	4033
								2%	19%	3%	20%	5%	2%
							grade 7 events	91728	51412	93507	45097	91674	107682
								76%	48%	77%	47%	71%	79%

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	348.067020135465
[deg] Pointing Dec	0	0.5263246817820182
[deg] Pointing Roll	0.0	277.5045567507218
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	496928746.306048	496928746.306048
Observation start date	2013-09-30T11:45:46	2013-09-30T11:45:46
[s] Observation end time (MET)	496936352.884124	496936352.884124
Observation end date	2013-09-30T13:52:33	2013-09-30T13:52:32
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.10.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.1919999769926

A.2 Comments