

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 52029 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 8 2015

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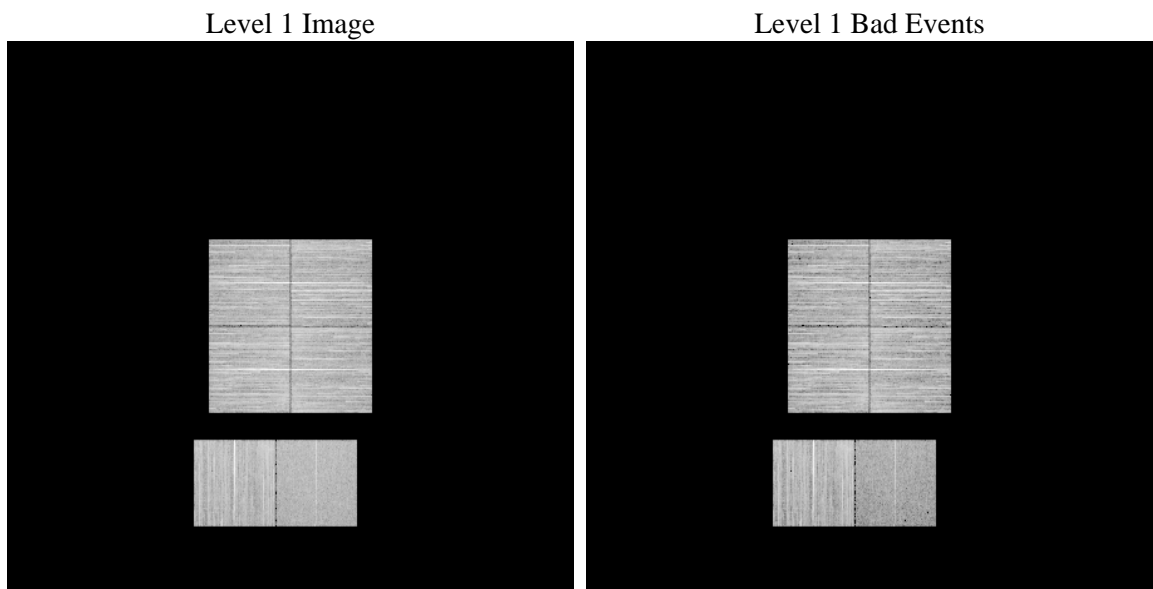
1 Front

seq_num	 	Sequence number
obs_id	52029	Observation id
title	ACIS-012367 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	172.00299401218	Nominal RA [deg]
dec_nom	-20.987279705834	Nominal Dec [deg]
roll_nom	9.0438694706718	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8281.6001234055	Sum of GTIs [s]
livetime	8176.733516062	Livetime [s]
ontime0	8281.6001234055	Sum of GTIs [s]
ontime1	8281.6001234055	Sum of GTIs [s]
ontime2	8281.6001234055	Sum of GTIs [s]
ontime3	8281.6001234055	Sum of GTIs [s]
ontime6	8281.6001234055	Sum of GTIs [s]
ontime7	8281.6001234055	Sum of GTIs [s]
l2events	154213	Number of level 2 events

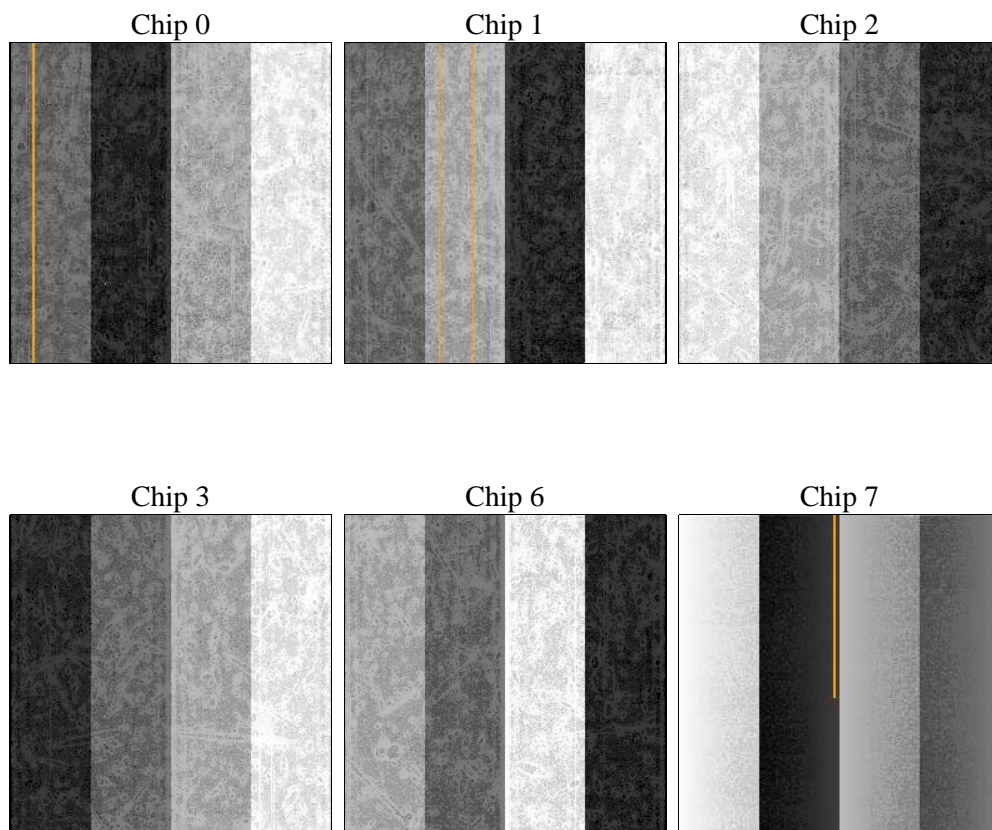
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.3.3	Processing system revision	ontime	8281.6001234055	Sum of GTIs [s]
caldbver	4.6.7	 	ontime0	8281.6001234055	Sum of GTIs [s]
date	2015-03-08T18:45:55	Date and time of file creation	ontime1	8281.6001234055	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8281.6001234055	Sum of GTIs [s]
			ontime3	8281.6001234055	Sum of GTIs [s]
			ontime6	8281.6001234055	Sum of GTIs [s]
			ontime7	8281.6001234055	Sum of GTIs [s]
			l1events	809232	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	133738	136773	147411	139016	139377	112917	grade 0 events	11091	10724	11672	11626	11101	6169
rejected events	111005	113685	124264	116013	115857	64504		8%	7%	7%	8%	7%	5%
rejected %	83%	83%	84%	83%	83%	57%	grade 1 events	73	63	63	59	54	70
								0%	0%	0%	0%	0%	0%
							grade 2 events	4803	5233	4627	4499	5115	11777
								3%	3%	3%	3%	3%	10%
							grade 3 events	1624	1611	1606	1664	1574	3964
								1%	1%	1%	1%	1%	3%
							grade 4 events	1520	1562	1690	1644	1568	3852
								1%	1%	1%	1%	1%	3%
							grade 5 events	2699	2709	2750	2903	2917	7217
								2%	1%	1%	2%	2%	6%
							grade 6 events	3695	3958	3552	3583	4162	22651
								2%	2%	2%	2%	2%	20%
							grade 7 events	108233	110913	121451	113038	112886	57217
								80%	81%	82%	81%	80%	50%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	172.002994012184	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-20.98727970583395	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	9.043869470671826	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	542167255.008441	542167253.98344			
Observation start date	2015-03-08T02:00:55	2015-03-08T02:00:53			
[s] Observation end time (MET)	542177170.858996	542177169.834			
Observation end date	2015-03-08T04:46:11	2015-03-08T04:46:09			
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)	2015.03.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2816001234055

A.2 Comments