

V&V Reference Report

L2 ASCDS Version : 10.5

Observation 50944 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 16 2016

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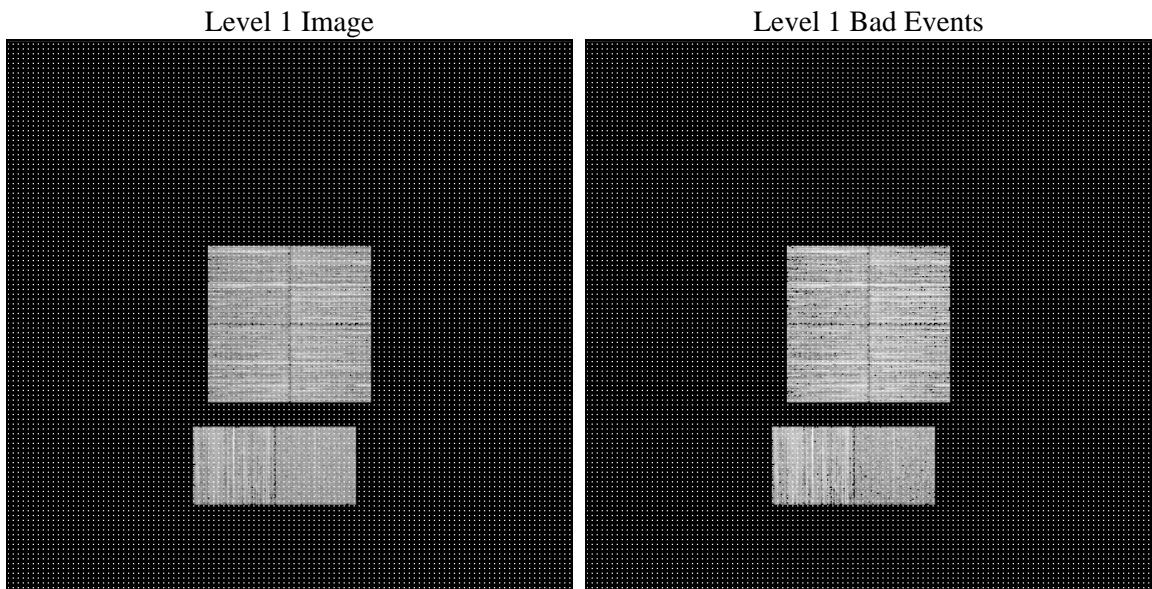
1 Front

seq_num	 	Sequence number
obs_id	50944	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	259.97526604762	Nominal RA [deg]
dec_nom	1.8601372830552	Nominal Dec [deg]
roll_nom	190.07224451601	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3440.00005126	Sum of GTIs [s]
livetime	3396.4406992916	Livetime [s]
ontime0	3440.00005126	Sum of GTIs [s]
ontime1	3440.00005126	Sum of GTIs [s]
ontime2	3440.00005126	Sum of GTIs [s]
ontime3	3440.00005126	Sum of GTIs [s]
ontime6	3440.00005126	Sum of GTIs [s]
ontime7	3440.00005126	Sum of GTIs [s]
l2events	58650	Number of level 2 events

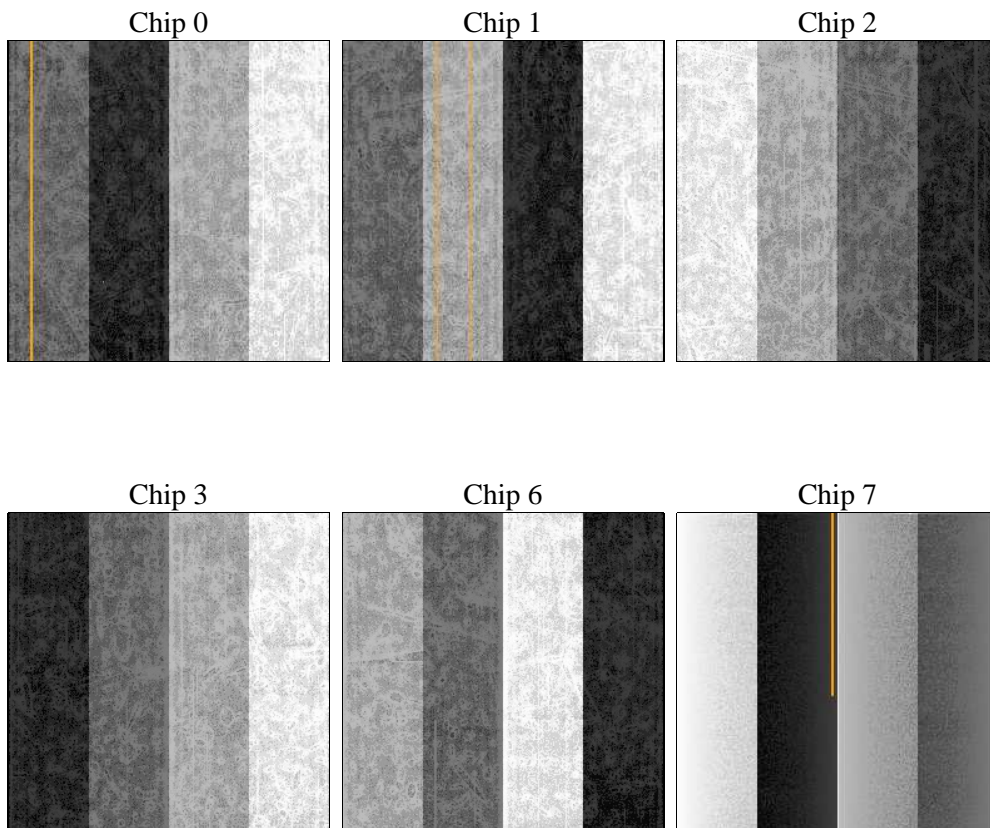
2 OBI

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	10.5	Processing system revision	ontime	3440.00005126	Sum of GTIs [s]
caldbver	4.7.2	 	ontime0	3440.00005126	Sum of GTIs [s]
date	2016-06-16T12:08:02	Date and time of file creation	ontime1	3440.00005126	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3440.00005126	Sum of GTIs [s]
			ontime3	3440.00005126	Sum of GTIs [s]
			ontime6	3440.00005126	Sum of GTIs [s]
			ontime7	3440.00005126	Sum of GTIs [s]
			l1events	412807	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	64976	80057	68941	77051	67405	54377	grade 0 events	3764	3902	3981	3938	3764	2283
rejected events	56950	71398	60820	68813	58997	32936		5%	4%	5%	5%	5%	4%
rejected %	87%	89%	88%	89%	87%	60%	grade 1 events	19	30	26	23	15	41
								0%	0%	0%	0%	0%	0%
							grade 2 events	1752	2033	1721	1747	1939	5416
								2%	2%	2%	2%	2%	9%
							grade 3 events	627	615	607	600	536	1605
								0%	0%	0%	0%	0%	2%
							grade 4 events	550	558	552	622	554	1533
								0%	0%	0%	0%	0%	2%
							grade 5 events	1409	1380	1262	1464	1410	3607
								2%	1%	1%	1%	2%	6%
							grade 6 events	1361	1585	1280	1363	1655	10703
								2%	1%	1%	1%	2%	19%
							grade 7 events	55494	69954	59512	67294	57532	29189
								85%	87%	86%	87%	85%	53%

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	259.97526604762	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	1.860137283055211	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	190.072244516013	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	582423376.561011	582423375.53601			
Observation start date	2016-06-16T00:16:17	2016-06-16T00:16:15			
[s] Observation end time (MET)	582430703.261431	582430702.23643			
Observation end date	2016-06-16T02:18:23	2016-06-16T02:18:22			
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)	2016.06.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.44000005126

A.2 Comments