

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 51131 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 4 2016

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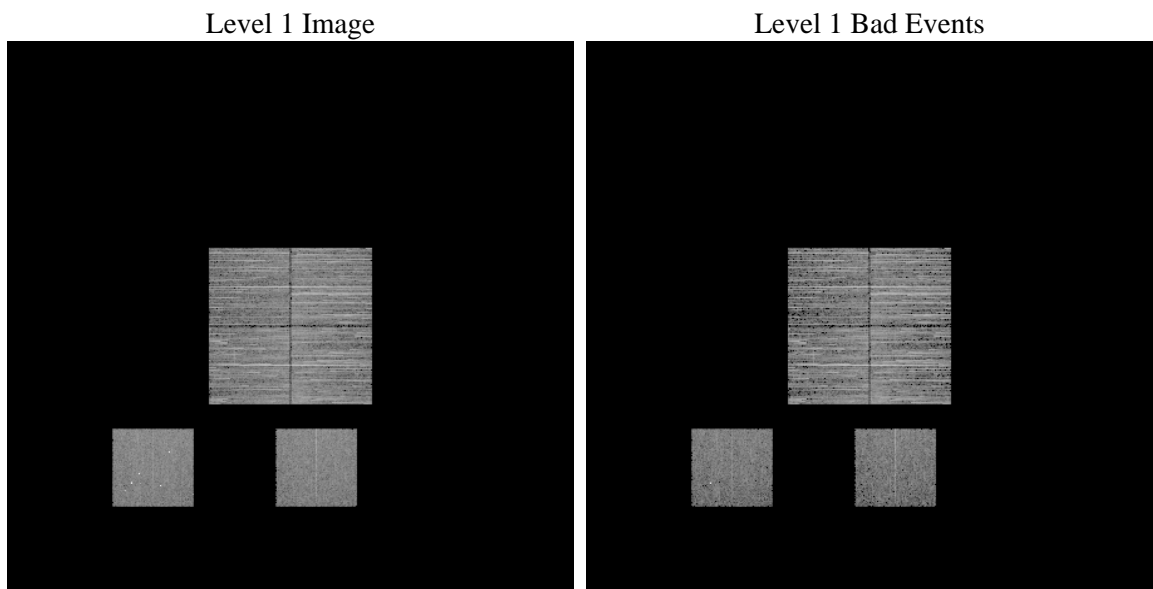
1 Front

seq_num	 	Sequence number
obs_id	51131	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	186.56449415394	Nominal RA [deg]
dec_nom	18.387149076772	Nominal Dec [deg]
roll_nom	194.18045001058	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3216.0000479221	Sum of GTIs [s]
livetime	3175.2771188726	Livetime [s]
ontime0	3102.5620125532	Sum of GTIs [s]
ontime1	3105.803042531	Sum of GTIs [s]
ontime2	3096.0798114538	Sum of GTIs [s]
ontime3	3102.5619822741	Sum of GTIs [s]
ontime5	3216.0000479221	Sum of GTIs [s]
ontime7	3216.0000479221	Sum of GTIs [s]
l2events	84152	Number of level 2 events

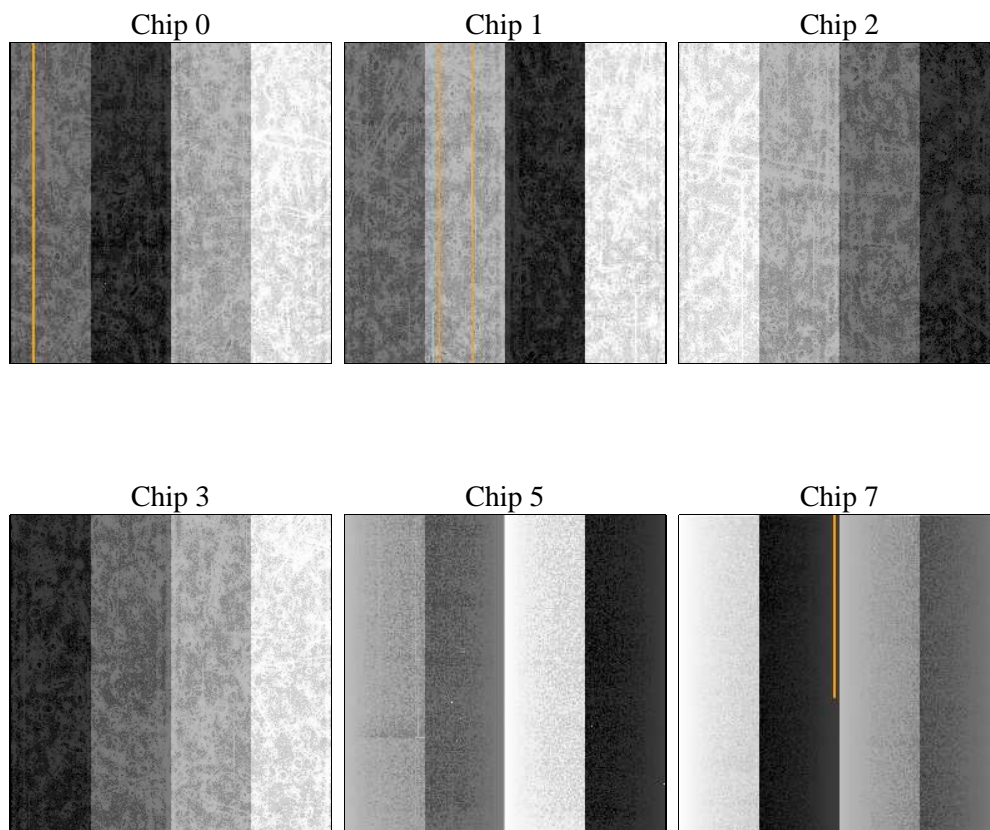
2 OBI

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	10.4.3.1	Processing system revision	ontime	3216.0000479221	Sum of GTIs [s]
caldbver	4.7.1	 	ontime0	3102.5620125532	Sum of GTIs [s]
date	2016-04-04T14:56:49	Date and time of file creation	ontime1	3105.803042531	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3096.0798114538	Sum of GTIs [s]
			ontime3	3102.5619822741	Sum of GTIs [s]
			ontime5	3216.0000479221	Sum of GTIs [s]
			ontime7	3216.0000479221	Sum of GTIs [s]
			l1events	384412	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	57386	73560	65162	70288	62550	55466
rejected events	46850	62882	54690	59587	35356	33208
rejected %	81%	85%	83%	84%	56%	59%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
grade 0 events	4818	4395	5016	5060	4760	2607
	8%	5%	7%	7%	7%	4%
grade 1 events	26	18	34	46	96	35
	0%	0%	0%	0%	0%	0%
grade 2 events	2439	2878	2333	2182	9125	5778
	4%	3%	3%	3%	14%	10%
grade 3 events	688	664	723	755	696	1583
	1%	0%	1%	1%	1%	2%
grade 4 events	682	652	706	795	703	1555
	1%	0%	1%	1%	1%	2%
grade 5 events	1254	1182	1163	1435	2542	3299
	2%	1%	1%	2%	4%	5%
grade 6 events	2006	2184	1799	2005	12270	10985
	3%	2%	2%	2%	19%	19%
grade 7 events	45473	61587	53388	58010	32358	29624
	79%	83%	81%	82%	51%	53%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	186.5644941539389	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	18.38714907677244	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	194.1804500105764	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	576028224.895225	576028223.87023			
Observation start date	2016-04-02T23:50:25	2016-04-02T23:50:23			
[s] Observation end time (MET)	576033224.845511	576033223.82051			
Observation end date	2016-04-03T01:13:45	2016-04-03T01:13:43			
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)	2016.04.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2160000479221

A.2 Comments