

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 51927 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 27 2015

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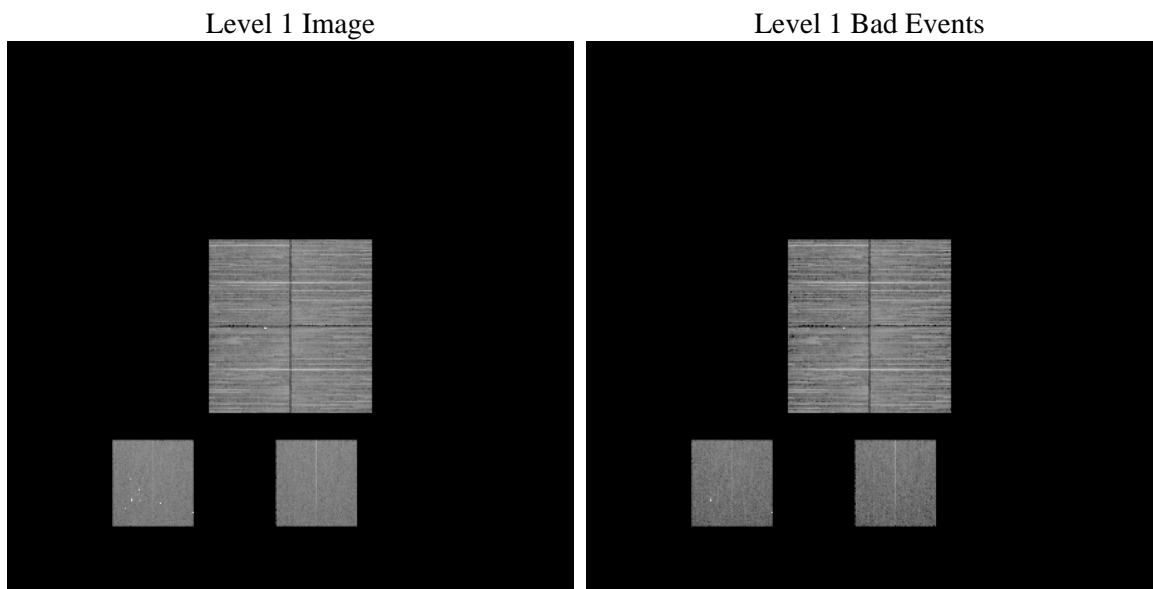
1 Front

seq_num	 	Sequence number
obs_id	51927	Observation id
title	ACIS-012357 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	209.97853804837	Nominal RA [deg]
dec_nom	9.9803306460321	Nominal Dec [deg]
roll_nom	190.03790929141	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8224.0001225471	Sum of GTIs [s]
livetime	8119.8628810971	Livetime [s]
ontime0	8224.0001225471	Sum of GTIs [s]
ontime1	8224.0001225471	Sum of GTIs [s]
ontime2	8224.0001225471	Sum of GTIs [s]
ontime3	8224.0001225471	Sum of GTIs [s]
ontime5	8224.0001225471	Sum of GTIs [s]
ontime7	8224.0001225471	Sum of GTIs [s]
l2events	169204	Number of level 2 events

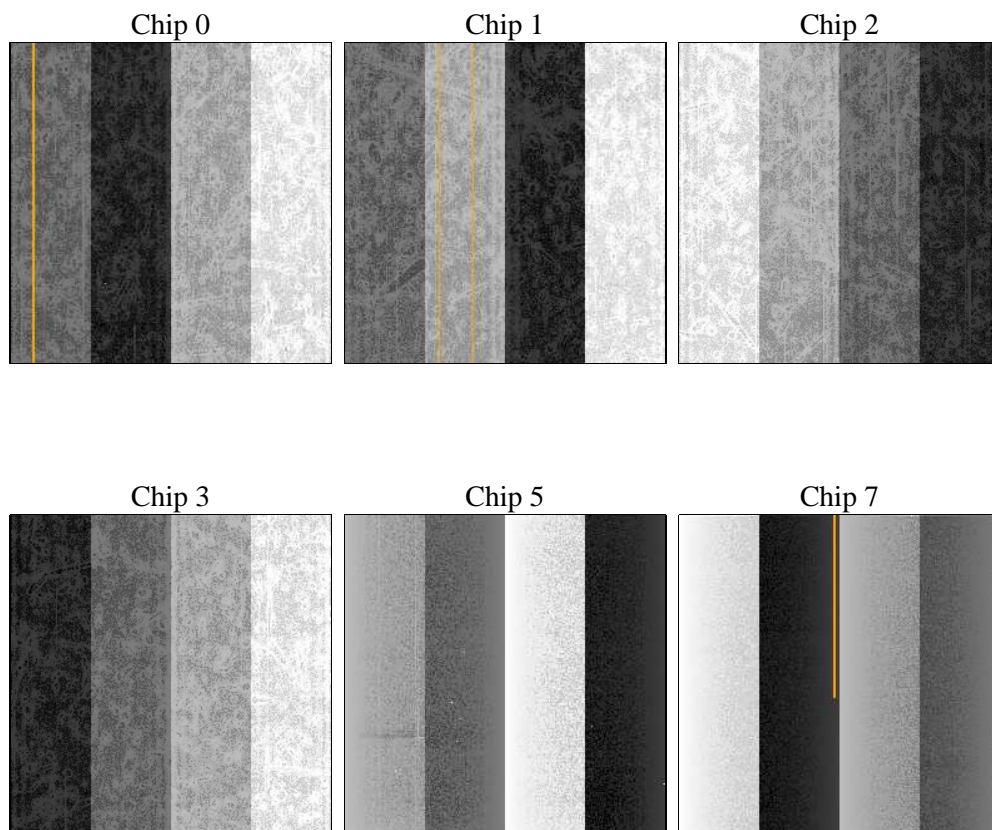
2 OBI

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	10.3.3	Processing system revision	ontime	8224.0001225471	Sum of GTIs [s]
caldsver	4.6.7	 	ontime0	8224.0001225471	Sum of GTIs [s]
date	2015-04-27T15:24:02	Date and time of file creation	ontime1	8224.0001225471	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8224.0001225471	Sum of GTIs [s]
			ontime3	8224.0001225471	Sum of GTIs [s]
			ontime5	8224.0001225471	Sum of GTIs [s]
			ontime7	8224.0001225471	Sum of GTIs [s]
			l1events	806099	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	132307	145614	146424	148094	123624	110036	grade 0 events	9996	9450	10707	10762	8769	5317
rejected events	110866	123756	122308	126214	69731	65734		7%	6%	7%	7%	7%	4%
rejected %	83%	84%	83%	85%	56%	59%	grade 1 events	49	45	2415	64	358	78
								0%	0%	1%	0%	0%	0%
							grade 2 events	5017	5736	7145	4654	17930	10978
								3%	3%	4%	3%	14%	9%
							grade 3 events	1426	1367	1500	1523	1579	3158
								1%	0%	1%	1%	1%	2%
							grade 4 events	1471	1367	1485	1583	1465	3114
								1%	0%	1%	1%	1%	2%
							grade 5 events	2571	2492	2313	2806	5283	6378
								1%	1%	1%	1%	4%	5%
							grade 6 events	3623	4031	3389	3450	24432	21938
								2%	2%	2%	2%	19%	19%
							grade 7 events	108154	121126	117470	123252	63808	59075
								81%	83%	80%	83%	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	OVERRIDE	OVERRIDE
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	209.9785380483695	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	9.980330646032069	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	190.0379092914134	[s] Primary exposure time	3.2	3.2
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)	546505291.001287	546505291.001287			
Observation start date	2015-04-27T07:01:31	2015-04-27T07:01:31			
[s] Observation end time (MET)	546514839.840333	546514839.840333			
Observation end date	2015-04-27T09:40:40	2015-04-27T09:40:39			
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)	2015.04.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2240001225471

A.2 Comments