

V&V Reference Report

L2 ASCDS Version : 10.4

Observation 51849 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 7 2015

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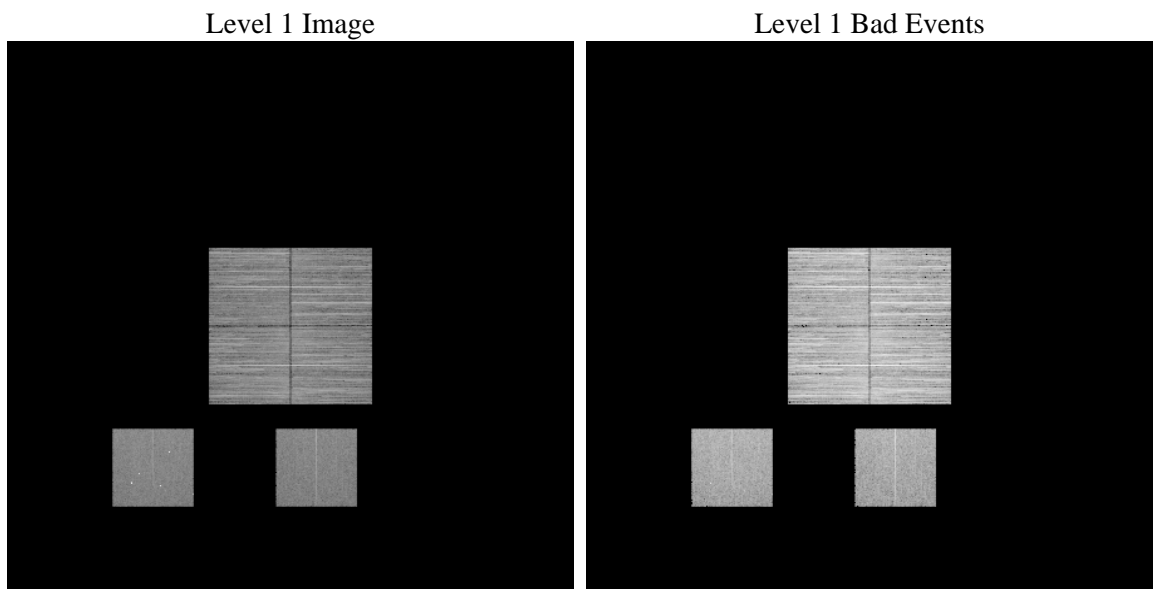
1 Front

seq_num	 	Sequence number
obs_id	51849	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	135.70679963712	Nominal RA [deg]
dec_nom	10.871913038626	Nominal Dec [deg]
roll_nom	250.46345585318	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8460.2489613295	Sum of GTIs [s]
livetime	8353.1201948308	Livetime [s]
ontime0	8460.2079212666	Sum of GTIs [s]
ontime1	8460.1668813229	Sum of GTIs [s]
ontime2	8460.12584126	Sum of GTIs [s]
ontime3	8460.2900012732	Sum of GTIs [s]
ontime5	8460.0848013163	Sum of GTIs [s]
ontime7	8460.2489613295	Sum of GTIs [s]
l2events	183802	Number of level 2 events

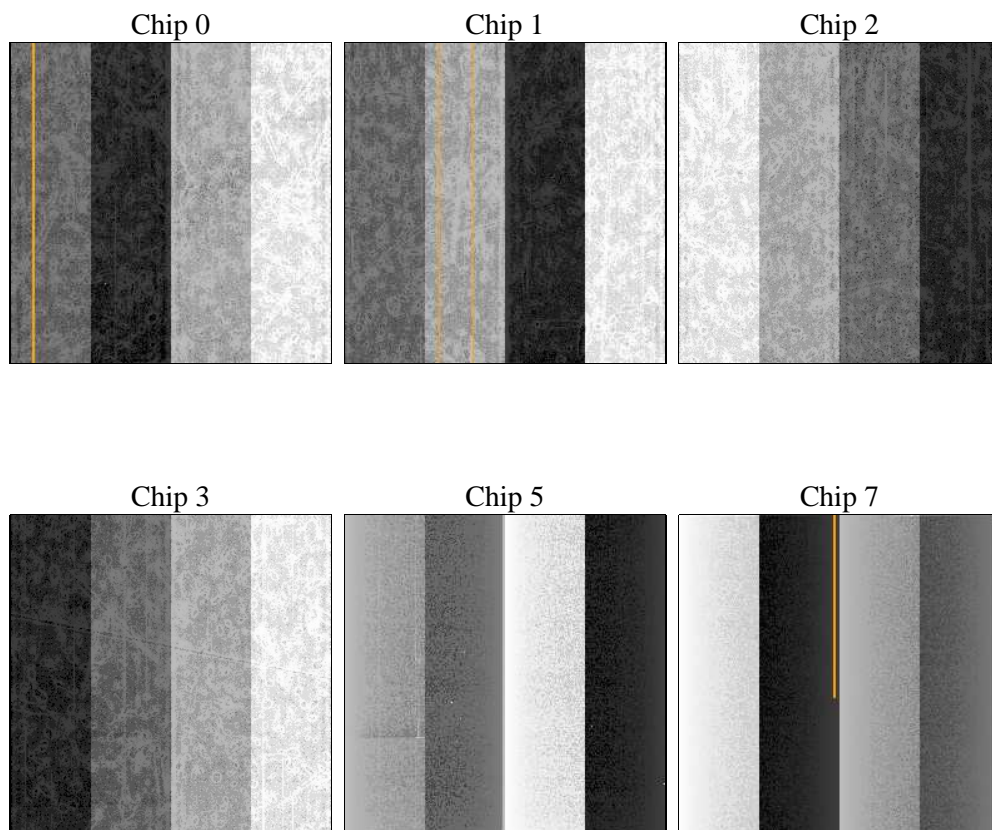
2 OBI

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	10.4	Processing system revision	ontime	8460.2489613295	Sum of GTIs [s]
caldsver	4.6.7	 	ontime0	8460.2079212666	Sum of GTIs [s]
date	2015-06-06T13:39:28	Date and time of file creation	ontime1	8460.1668813229	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8460.12584126	Sum of GTIs [s]
			ontime3	8460.2900012732	Sum of GTIs [s]
			ontime5	8460.0848013163	Sum of GTIs [s]
			ontime7	8460.2489613295	Sum of GTIs [s]
			l1events	863237	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	144556	146483	160611	156798	133766	121023	grade 0 events	10953	10479	11213	11294	10104	6045
rejected events	121945	123826	138212	134439	73402	71294		7%	7%	6%	7%	7%	4%
rejected %	84%	84%	86%	85%	54%	58%	grade 1 events	69	62	66	72	329	88
								0%	0%	0%	0%	0%	0%
							grade 2 events	4828	5110	4536	4412	20593	12274
								3%	3%	2%	2%	15%	10%
							grade 3 events	1599	1617	1600	1543	1747	3954
								1%	1%	0%	0%	1%	3%
							grade 4 events	1510	1573	1591	1612	1784	3781
								1%	1%	0%	1%	1%	3%
							grade 5 events	2931	3001	2669	3222	6049	7619
								2%	2%	1%	2%	4%	6%
							grade 6 events	3732	3887	3465	3506	26157	23696
								2%	2%	2%	2%	19%	19%
							grade 7 events	118934	120754	135471	131137	67003	63566
								82%	82%	84%	83%	50%	52%

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	135.7067996371169	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	10.87191303862575	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	250.4634558531766	[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	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	549746771.68313	549746770.65813			
Observation start date	2015-06-03T19:26:12	2015-06-03T19:26:10			
[s] Observation end time (MET)	549759170.0838259	549759169.05883			
Observation end date	2015-06-03T22:52:50	2015-06-03T22:52:49			
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)	2015.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4602489613295

A.2 Comments