

V&V Reference Report

L2 ASCDS Version : 10.1.1

Observation 53263 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 4 2013

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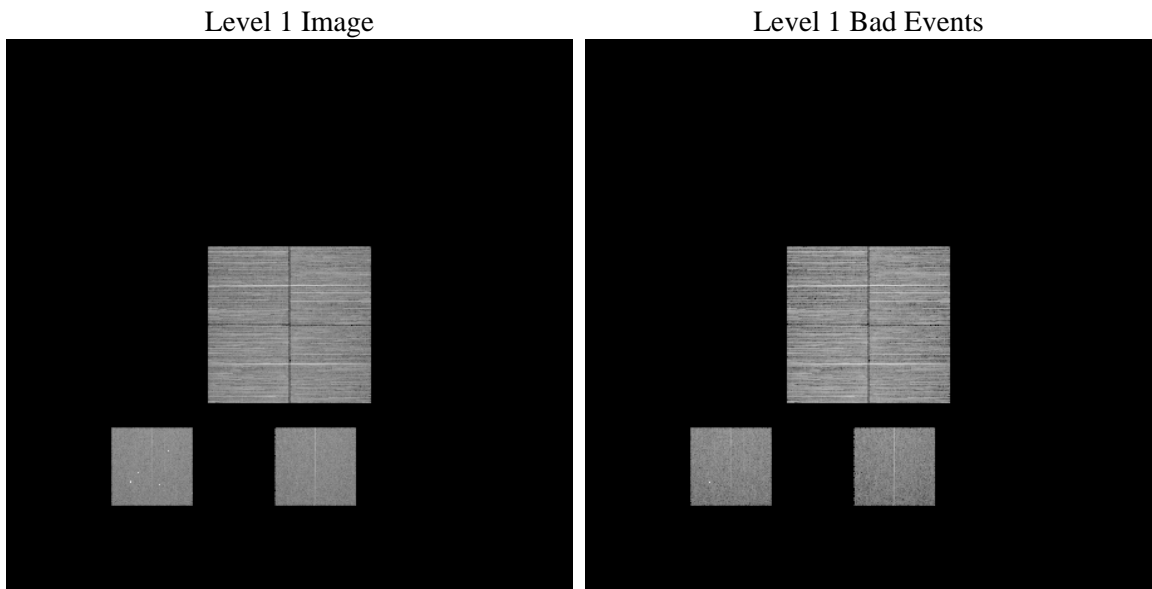
1 Front

seq_num	 	Sequence number
obs_id	53263	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	49.152188770268	Nominal RA [deg]
dec_nom	-11.06155705795	Nominal Dec [deg]
roll_nom	21.188835144707	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8261.6263656616	Sum of GTIs [s]
livetime	8157.0126780654	Livetime [s]
ontime0	8261.5853256583	Sum of GTIs [s]
ontime1	8261.544285655	Sum of GTIs [s]
ontime2	8258.2622753382	Sum of GTIs [s]
ontime3	8261.6674056649	Sum of GTIs [s]
ontime5	8261.4622056484	Sum of GTIs [s]
ontime7	8261.6263656616	Sum of GTIs [s]
l2events	225658	Number of level 2 events

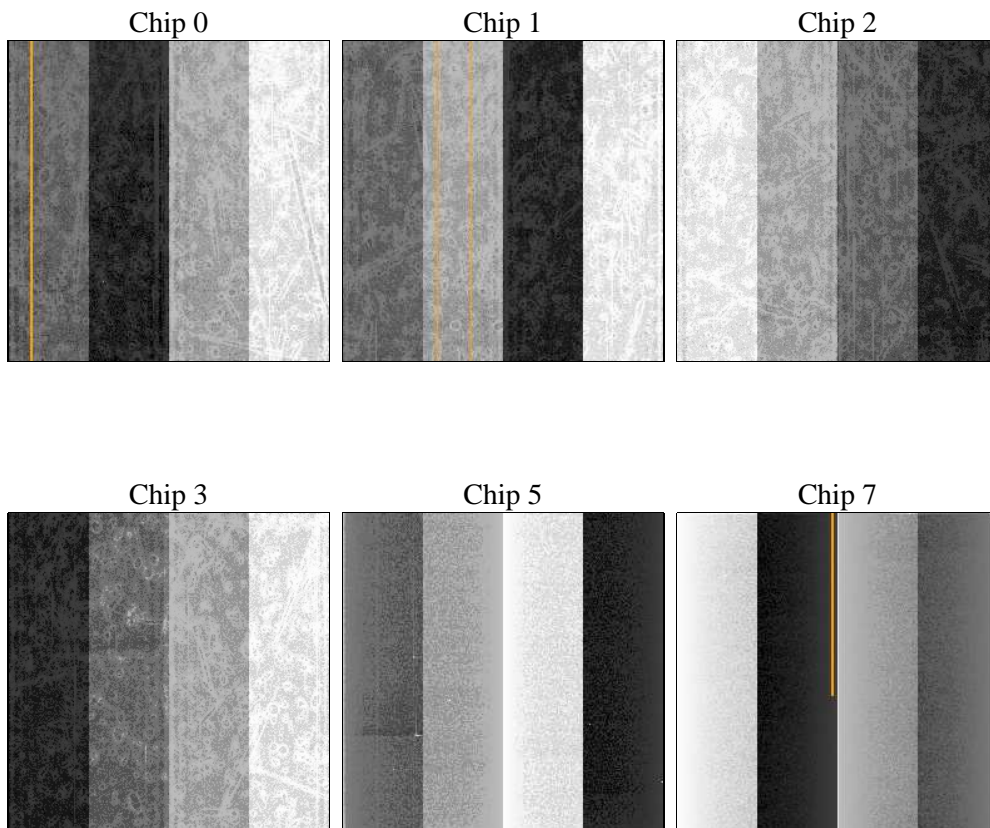
2 OBI

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	10.1.1	Processing system revision	ontime	8261.6263656616	Sum of GTIs [s]
caldsver	4.5.8	 	ontime0	8261.5853256583	Sum of GTIs [s]
date	2013-11-04T15:43:00	Date and time of file creation	ontime1	8261.544285655	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8258.2622753382	Sum of GTIs [s]
			ontime3	8261.6674056649	Sum of GTIs [s]
			ontime5	8261.4622056484	Sum of GTIs [s]
			ontime7	8261.6263656616	Sum of GTIs [s]
			l1events	871672	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	144434	155393	167118	148954	133289	122484	grade 0 events	15390	15021	15869	15971	8294	8270
rejected events	113899	124828	136431	118413	71829	65867		10%	9%	9%	10%	6%	6%
rejected %	78%	80%	81%	79%	53%	53%	grade 1 events	96	71	109	96	130	88
								0%	0%	0%	0%	0%	0%
							grade 2 events	6076	6345	6055	5778	22315	13874
								4%	4%	3%	3%	16%	11%
							grade 3 events	2121	2087	2150	2069	2165	4580
								1%	1%	1%	1%	1%	3%
							grade 4 events	2073	2103	2119	2126	2107	4650
								1%	1%	1%	1%	1%	3%
							grade 5 events	2760	2810	2581	3111	6143	7370
								1%	1%	1%	2%	4%	6%
							grade 6 events	4974	5137	4613	4712	26809	25403
								3%	3%	2%	3%	20%	20%
							grade 7 events	110944	121819	133622	115091	65326	58249
								76%	78%	79%	77%	49%	47%

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	49.15218877026794	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-11.0615570579502	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	21.18883514470715	[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)	499894401.518308	499894400.49331			
Observation start date	2013-11-03T19:33:22	2013-11-03T19:33:20			
[s] Observation end time (MET)	499903987.318833	499903986.29383			
Observation end date	2013-11-03T22:13:07	2013-11-03T22:13:06			
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)	2013.11.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2616263656616

A.2 Comments