

V&V Reference Report

L2 ASCDS Version : 10.2.1

Observation 52826 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 20 2014

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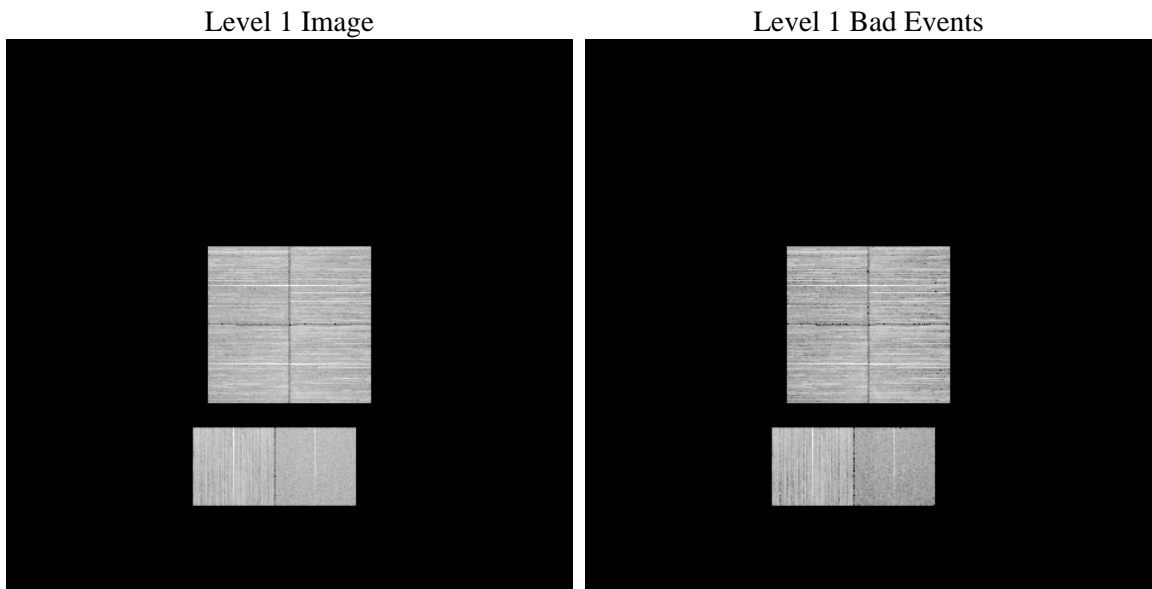
1 Front

seq_num	 	Sequence number
obs_id	52826	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	73.9008595582	Nominal RA [deg]
dec_nom	34.287351257157	Nominal Dec [deg]
roll_nom	287.20491030842	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8469.7329653502	Sum of GTIs [s]
livetime	8362.484106682	Livetime [s]
ontime0	8469.6919253469	Sum of GTIs [s]
ontime1	8469.6508853436	Sum of GTIs [s]
ontime2	8469.6098453403	Sum of GTIs [s]
ontime3	8469.7740053535	Sum of GTIs [s]
ontime6	8469.568805337	Sum of GTIs [s]
ontime7	8469.7329653502	Sum of GTIs [s]
l2events	181249	Number of level 2 events

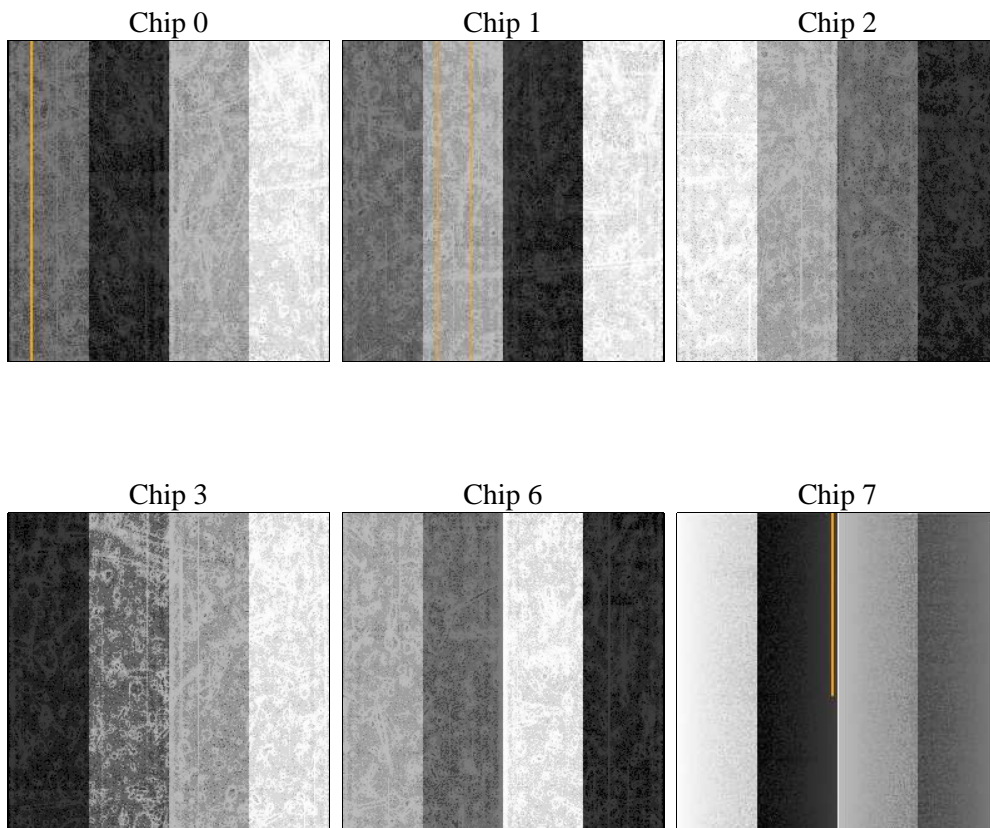
2 OBI

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	10.2.1	Processing system revision	ontime	8469.7329653502	Sum of GTIs [s]
caldsver	4.6.1	 	ontime0	8469.6919253469	Sum of GTIs [s]
date	2014-04-20T14:40:26	Date and time of file creation	ontime1	8469.6508853436	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8469.6098453403	Sum of GTIs [s]
			ontime3	8469.7740053535	Sum of GTIs [s]
			ontime6	8469.568805337	Sum of GTIs [s]
			ontime7	8469.7329653502	Sum of GTIs [s]
			l1events	817168	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	133322	138926	136334	146912	146073	115601	grade 0 events	13797	13509	14515	14255	14063	7178
rejected events	105880	111049	108487	119142	117311	63301		10%	9%	10%	9%	9%	6%
rejected %	79%	79%	79%	81%	80%	54%	grade 1 events	76	53	72	83	73	101
								0%	0%	0%	0%	0%	0%
							grade 2 events	5577	5962	5348	5427	5813	12594
								4%	4%	3%	3%	3%	10%
							grade 3 events	1922	1794	1902	1916	1886	4255
								1%	1%	1%	1%	1%	3%
							grade 4 events	1812	1869	1846	1945	1983	4239
								1%	1%	1%	1%	1%	3%
							grade 5 events	2595	2768	2614	2962	2836	7097
								1%	1%	1%	2%	1%	6%
							grade 6 events	4346	4758	4246	4236	5028	24048
								3%	3%	3%	2%	3%	20%
							grade 7 events	103197	108213	105791	116088	114391	56089
								77%	77%	77%	79%	78%	48%

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	73.90085955819964	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	34.28735125715709	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	287.2049103084249	[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)	514323780.361667	514323779.33667			
Observation start date	2014-04-19T19:43:00	2014-04-19T19:42:59			
[s] Observation end time (MET)	514336607.212375	514336606.18737			
Observation end date	2014-04-19T23:16:47	2014-04-19T23:16:46			
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)	2014.04.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4697329653502

A.2 Comments