

V&V Reference Report

L2 ASCDS Version : 10.2.1

Observation 52926 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 14 2014

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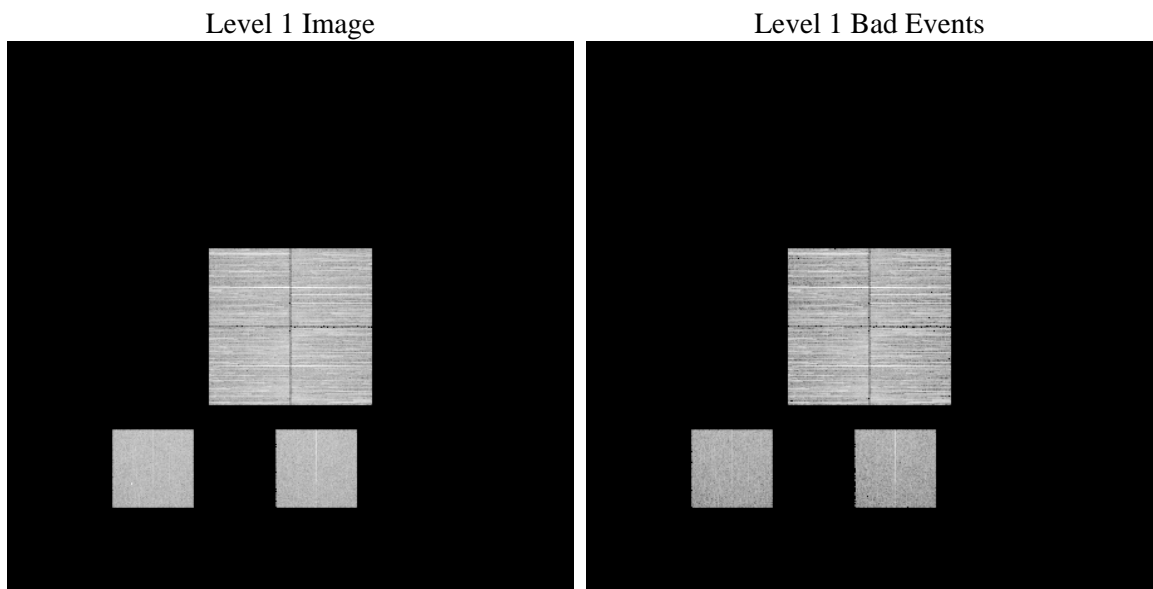
1 Front

seq_num	 	Sequence number
obs_id	52926	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	147.52229231997	Nominal RA [deg]
dec_nom	14.365499396838	Nominal Dec [deg]
roll_nom	248.16995061921	Nominal Roll [deg]
revision	1	Processing version of data
ontime	7074.3557168245	Sum of GTIs [s]
livetime	6984.7759650725	Livetime [s]
ontime0	7074.3146768212	Sum of GTIs [s]
ontime1	7074.2736368179	Sum of GTIs [s]
ontime2	7074.2325968146	Sum of GTIs [s]
ontime3	7071.1557266116	Sum of GTIs [s]
ontime5	7074.1915568113	Sum of GTIs [s]
ontime7	7074.3557168245	Sum of GTIs [s]
l2events	174248	Number of level 2 events

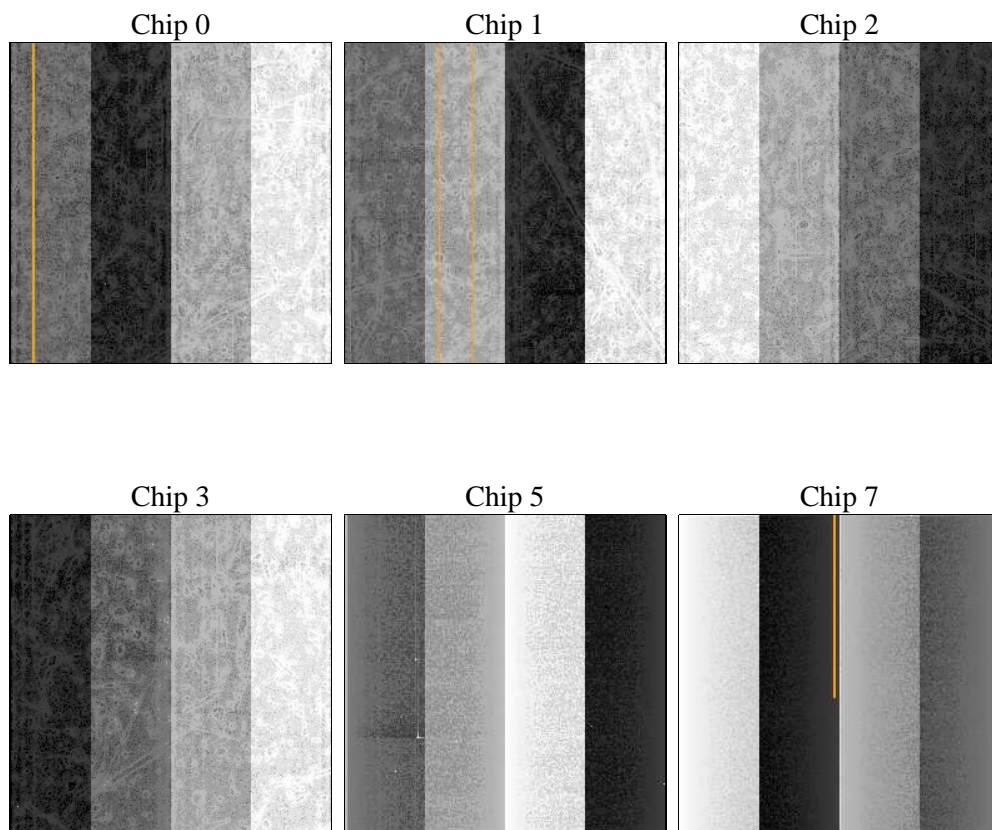
2 OBI

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	7074.3557168245	Sum of GTIs [s]
caldsver	4.6.0	 	ontime0	7074.3146768212	Sum of GTIs [s]
date	2014-03-14T05:57:01	Date and time of file creation	ontime1	7074.2736368179	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	7074.2325968146	Sum of GTIs [s]
			ontime3	7071.1557266116	Sum of GTIs [s]
			ontime5	7074.1915568113	Sum of GTIs [s]
			ontime7	7074.3557168245	Sum of GTIs [s]
			l1events	677683	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	115278	118386	122162	122027	101880	97950	grade 0 events	11620	11156	12197	12016	3692	6018
rejected events	91687	94790	98369	98566	56857	54358		10%	9%	9%	9%	3%	6%
rejected %	79%	80%	80%	80%	55%	55%	grade 1 events	52	58	64	55	100	61
								0%	0%	0%	0%	0%	0%
							grade 2 events	4934	5329	4657	4651	16945	10765
								4%	4%	3%	3%	16%	10%
							grade 3 events	1616	1527	1593	1562	1440	3306
								1%	1%	1%	1%	1%	3%
							grade 4 events	1546	1513	1616	1620	1355	3465
								1%	1%	1%	1%	1%	3%
							grade 5 events	2203	2293	2013	2477	4289	5524
								1%	1%	1%	2%	4%	5%
							grade 6 events	3875	4071	3730	3612	21591	20038
								3%	3%	3%	2%	21%	20%
							grade 7 events	89432	92439	96292	96034	52468	48773
								77%	78%	78%	78%	51%	49%

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	147.5222923199718	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	14.36549939683751	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	248.1699506192058	[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)	511127401.735429	511127400.71043			
Observation start date	2014-03-13T19:50:02	2014-03-13T19:50:00			
[s] Observation end time (MET)	511135564.835879	511135563.81088			
Observation end date	2014-03-13T22:06:05	2014-03-13T22:06:03			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2014.03.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.0743557168245

A.2 Comments