

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52574 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 9 2014

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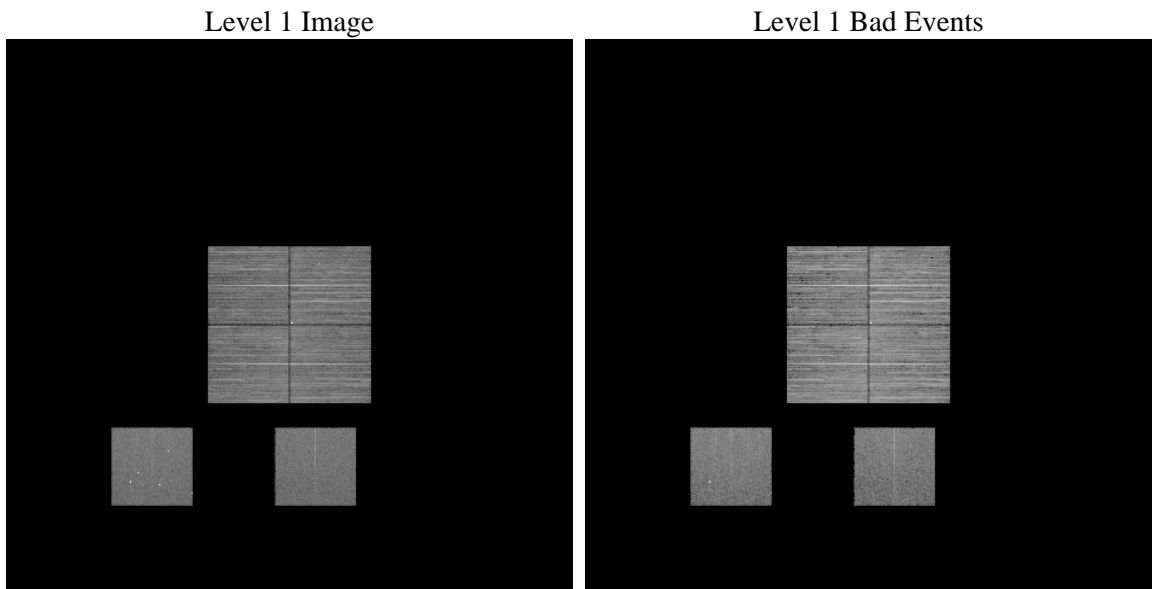
1 Front

seq_num	 	Sequence number
obs_id	52574	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	296.24337651476	Nominal RA [deg]
dec_nom	-2.6120722957252	Nominal Dec [deg]
roll_nom	236.60209644462	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8284.7999691963	Sum of GTIs [s]
livetime	8179.8928434787	Livetime [s]
ontime0	8284.7999691963	Sum of GTIs [s]
ontime1	8284.7999691963	Sum of GTIs [s]
ontime2	8284.7999691963	Sum of GTIs [s]
ontime3	8284.7999691963	Sum of GTIs [s]
ontime5	8284.7999691963	Sum of GTIs [s]
ontime7	8284.7999691963	Sum of GTIs [s]
l2events	202484	Number of level 2 events

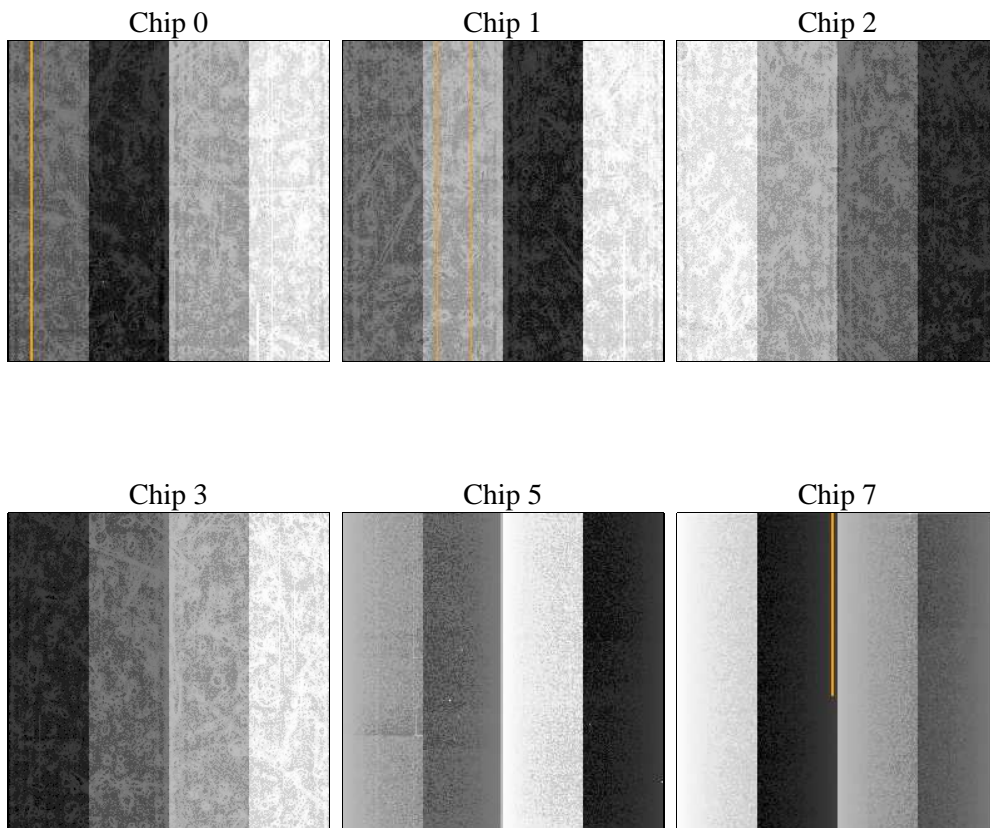
2 OBI

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	10.2.4	Processing system revision	ontime	8284.7999691963	Sum of GTIs [s]
caldsver	4.6.2	 	ontime0	8284.7999691963	Sum of GTIs [s]
date	2014-08-09T04:49:31	Date and time of file creation	ontime1	8284.7999691963	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8284.7999691963	Sum of GTIs [s]
			ontime3	8284.7999691963	Sum of GTIs [s]
			ontime5	8284.7999691963	Sum of GTIs [s]
			ontime7	8284.7999691963	Sum of GTIs [s]
			l1events	839819	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	131826	158278	148297	149936	134110	117372	grade 0 events	13184	15958	13671	13448	11584	7016
rejected events	104948	127873	121640	123399	71496	65636		10%	10%	9%	8%	8%	5%
rejected %	79%	80%	82%	82%	53%	55%	grade 1 events	72	2554	97	80	300	75
								0%	1%	0%	0%	0%	0%
							grade 2 events	5541	6111	5268	5140	21385	12681
								4%	3%	3%	3%	15%	10%
							grade 3 events	1929	1784	1800	1846	1907	4040
								1%	1%	1%	1%	1%	3%
							grade 4 events	1813	1840	1821	1822	1930	4060
								1%	1%	1%	1%	1%	3%
							grade 5 events	2838	2799	2593	3182	5966	7098
								2%	1%	1%	2%	4%	6%
							grade 6 events	4411	4712	4097	4289	25808	23953
								3%	2%	2%	2%	19%	20%
							grade 7 events	102038	122520	118950	120129	65230	58449
								77%	77%	80%	80%	48%	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	296.2433765147592	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-2.612072295725153	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	236.6020964446151	[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)	523889050.140659	523889049.11566			
Observation start date	2014-08-08T12:44:10	2014-08-08T12:44:09			
[s] Observation end time (MET)	523899158.69122	523899157.66622			
Observation end date	2014-08-08T15:32:39	2014-08-08T15:32:37			
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)	2014.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2847999691963

A.2 Comments